

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048310.D
 Acq On : 23 Oct 2025 09:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 05:33:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.526	168	131842	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	6.739	114	217736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	194506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	96157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	104842	56.717	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.440%			
35) Dibromofluoromethane	5.367	113	66777	44.923	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.840%			
50) Toluene-d8	8.629	98	272745	52.348	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.700%			
62) 4-Bromofluorobenzene	11.061	95	101926	51.423	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	61961	45.716	ug/l	95
3) Chloromethane	1.301	50	31638	25.008	ug/l	98
4) Vinyl Chloride	1.380	62	82840	70.713	ug/l	100
5) Bromomethane	1.612	94	30535	38.407	ug/l	98
6) Chloroethane	1.691	64	50028	72.674	ug/l	97
7) Trichlorofluoromethane	1.892	101	136938	60.949	ug/l	98
8) Diethyl Ether	2.130	74	49977	79.055	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	75382	52.984	ug/l	99
10) Methyl Iodide	2.453	142	253707	141.848	ug/l	99
11) Tert butyl alcohol	2.934	59	43169	235.209	ug/l	99
12) 1,1-Dichloroethene	2.319	96	72608	52.456	ug/l	98
13) Acrolein	2.233	56	64910	346.770	ug/l	100
14) Allyl chloride	2.660	41	128717	56.011	ug/l	97
15) Acrylonitrile	3.050	53	180211	272.301	ug/l	99
16) Acetone	2.368	43	119014	187.675	ug/l	93
17) Carbon Disulfide	2.514	76	204271	46.826	ug/l	98
18) Methyl Acetate	2.691	43	78375	59.179	ug/l	95
19) Methyl tert-butyl Ether	3.099	73	256231	54.263	ug/l	98
20) Methylene Chloride	2.782	84	81306	52.619	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	79940	52.577	ug/l	96
22) Diisopropyl ether	3.739	45	281464	61.407	ug/l	94
23) Vinyl Acetate	3.703	43	1020633	278.756	ug/l	100
24) 1,1-Dichloroethane	3.599	63	149394	53.903	ug/l	99
25) 2-Butanone	4.526	43	178679	222.607	ug/l	98
26) 2,2-Dichloropropane	4.459	77	130696	52.245	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	93796	52.859	ug/l	97
28) Bromochloromethane	4.873	49	76860	66.882	ug/l	99
29) Tetrahydrofuran	4.971	42	129782	269.974	ug/l	99
30) Chloroform	5.068	83	158482	53.522	ug/l	98
31) Cyclohexane	5.452	56	125454	54.674	ug/l	94
32) 1,1,1-Trichloroethane	5.361	97	139843	51.244	ug/l	98
36) 1,1-Dichloropropene	5.672	75	104632	49.524	ug/l	98
37) Ethyl Acetate	4.684	43	97531	55.694	ug/l	97
38) Carbon Tetrachloride	5.654	117	119432	45.819	ug/l	98
39) Methylcyclohexane	7.361	83	123045	49.313	ug/l	98
40) Benzene	6.013	78	314585	51.285	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	48702	52.957	ug/l	95
42) 1,2-Dichloroethane	6.062	62	123142	54.403	ug/l	99
43) Isopropyl Acetate	6.312	43	161316	56.080	ug/l	99
44) Trichloroethene	7.098	130	80136	49.476	ug/l	96
45) 1,2-Dichloropropane	7.409	63	80046	54.886	ug/l	100
46) Dibromomethane	7.556	93	58711	51.673	ug/l	98
47) Bromodichloromethane	7.799	83	124563	50.775	ug/l	97
48) Methyl methacrylate	7.671	41	81637	56.242	ug/l	99
49) 1,4-Dioxane	7.635	88	18235	950.893	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	454849	274.249	ug/l	100
52) Toluene	8.702	92	198985	51.063	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	117358	49.641	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	123422	48.389	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	74268	51.249	ug/l	97
56) Ethyl methacrylate	9.098	69	112264	52.964	ug/l	98
57) 1,3-Dichloropropane	9.287	76	128768	52.020	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	325505	285.356	ug/l	100
59) 2-Hexanone	9.409	43	291882	252.390	ug/l	99
60) Dibromochloromethane	9.500	129	90981	46.710	ug/l	99
61) 1,2-Dibromoethane	9.592	107	78712	50.949	ug/l	96
64) Tetrachloroethene	9.257	164	74073	51.013	ug/l	97
65) Chlorobenzene	10.061	112	216325	49.441	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.147	131	78116	48.607	ug/l	99
67) Ethyl Benzene	10.177	91	377472	50.671	ug/l	100
68) m/p-Xylenes	10.281	106	284521	102.795	ug/l	99
69) o-Xylene	10.622	106	135758	50.804	ug/l	99
70) Styrene	10.634	104	236085	51.886	ug/l	99
71) Bromoform	10.781	173	54999	42.819	ug/l #	98
73) Isopropylbenzene	10.945	105	353305	50.305	ug/l	100
74) N-amyl acetate	10.823	43	143605	57.644	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	93987	49.003	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	78565m	50.383	ug/l	
77) Bromobenzene	11.177	156	87351	49.602	ug/l	98
78) n-propylbenzene	11.287	91	424738	52.232	ug/l	99
79) 2-Chlorotoluene	11.348	91	252299	51.174	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	294093	50.600	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	23701	36.979	ug/l #	70
82) 4-Chlorotoluene	11.433	91	299763	51.219	ug/l	98
83) tert-Butylbenzene	11.695	119	284534	47.647	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	296345	51.090	ug/l	99
85) sec-Butylbenzene	11.872	105	362645	50.475	ug/l	99
86) p-Isopropyltoluene	11.988	119	306009	49.276	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	161916	48.772	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	163646	47.582	ug/l	99
89) n-Butylbenzene	12.311	91	285241	50.464	ug/l	99
90) Hexachloroethane	12.518	117	51257	41.797	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	154083	49.434	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	19288	49.543	ug/l	91
93) 1,2,4-Trichlorobenzene	13.567	180	103399	49.053	ug/l	100
94) Hexachlorobutadiene	13.707	225	37663	47.685	ug/l	98
95) Naphthalene	13.756	128	281766	50.454	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	93518	48.348	ug/l	98

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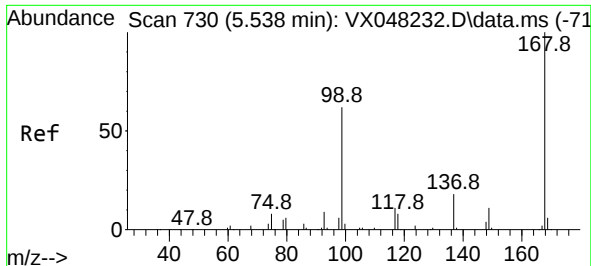
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

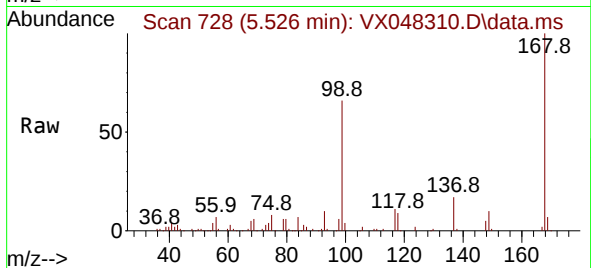
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.526 min Scan# 71
Delta R.T. -0.018 min
Lab File: VX048310.D
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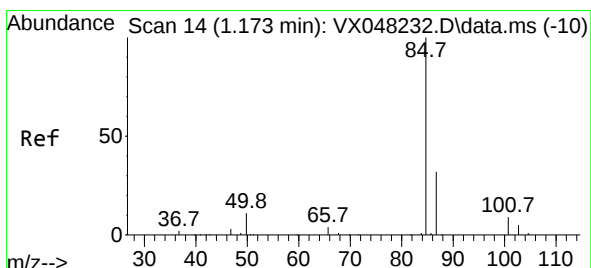
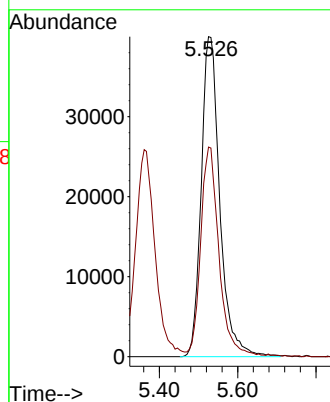
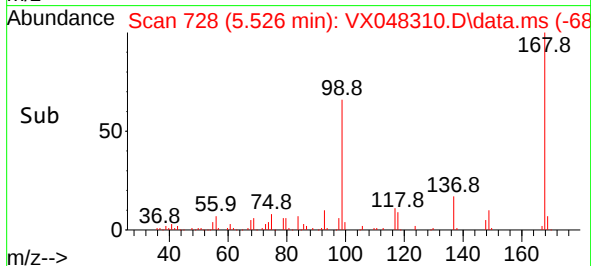
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:168 Resp: 13184
Ion Ratio Lower Upper
168 100
99 65.2 46.4 69.6

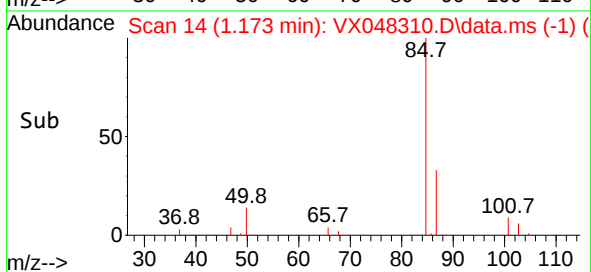
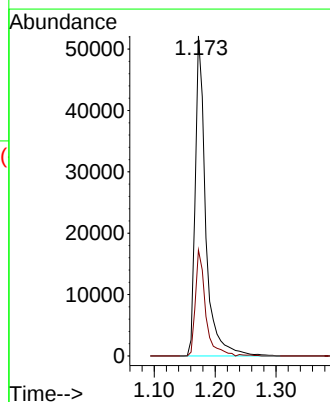
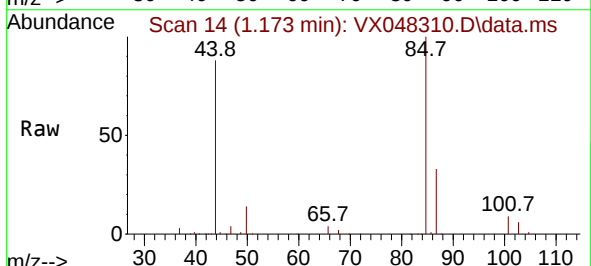
Manual Integrations
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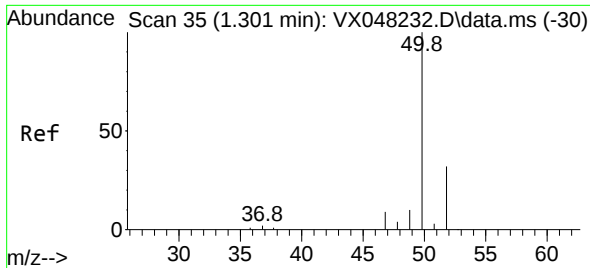
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 45.716 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 85 Resp: 61961
Ion Ratio Lower Upper
85 100
87 33.1 15.3 45.9





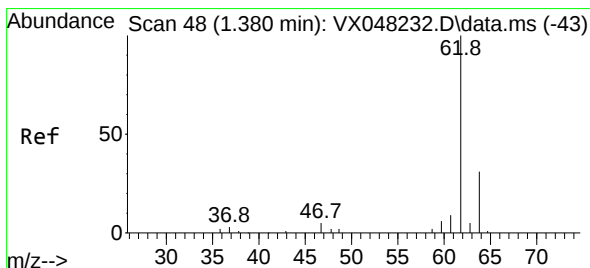
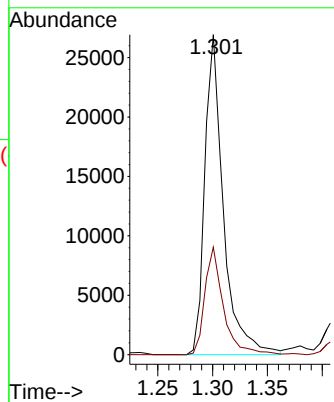
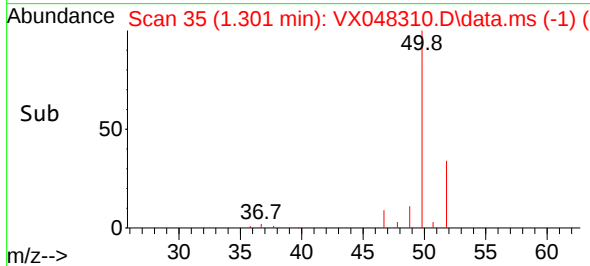
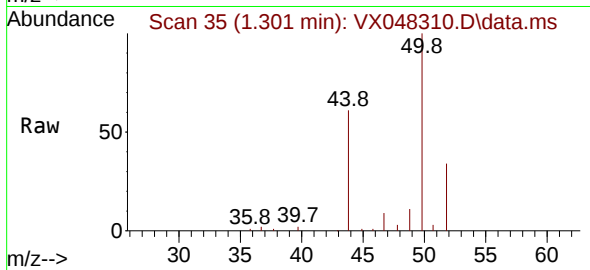
#3
Chloromethane
Concen: 25.008 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 31638
Ion Ratio Lower Upper
50 100
52 33.6 25.9 38.9

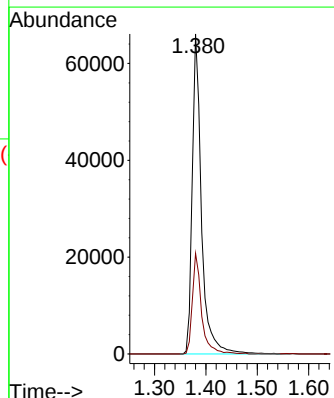
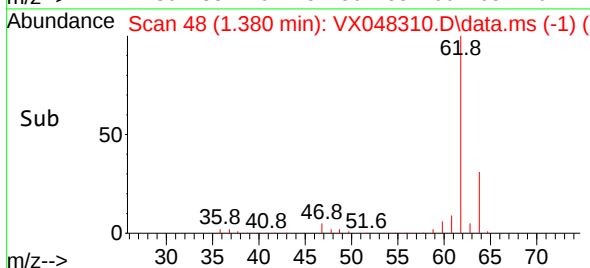
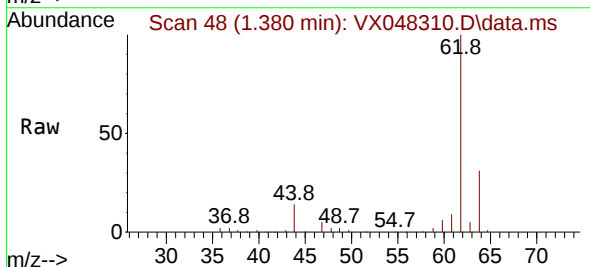
Manual Integrations
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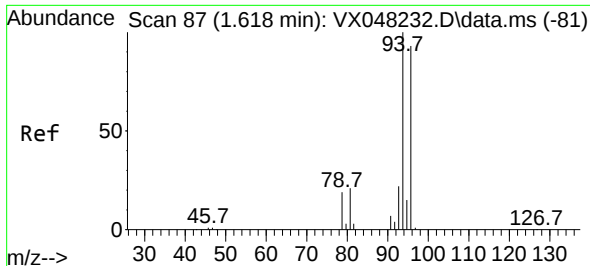
Reviewed By :John Carlone 10/24/2025
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#4
Vinyl Chloride
Concen: 70.713 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 62 Resp: 82840
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7





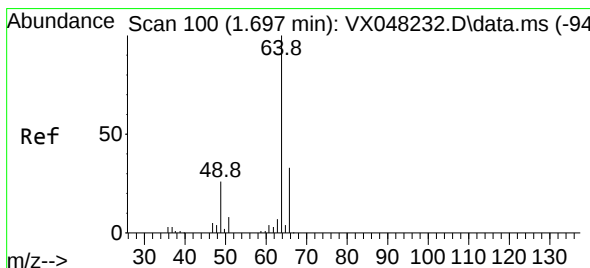
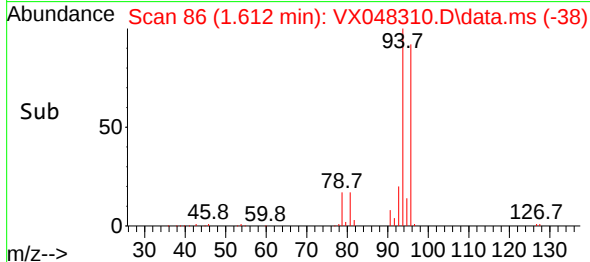
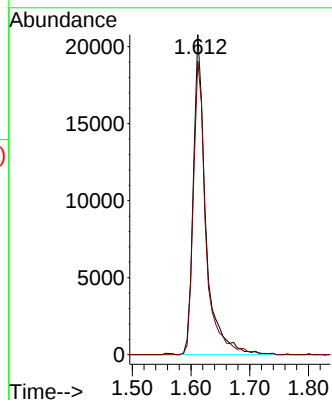
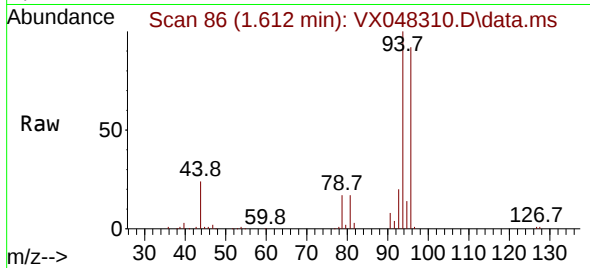
#5
Bromomethane
Concen: 38.407 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 3053
Ion Ratio Lower Upper
94 100
96 92.7 76.0 114.0

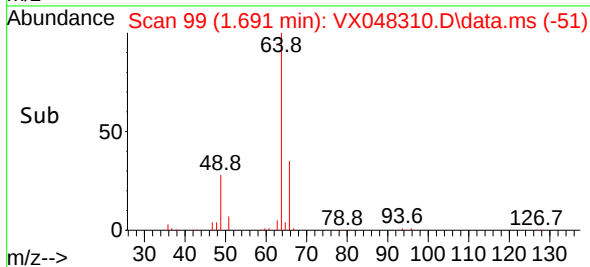
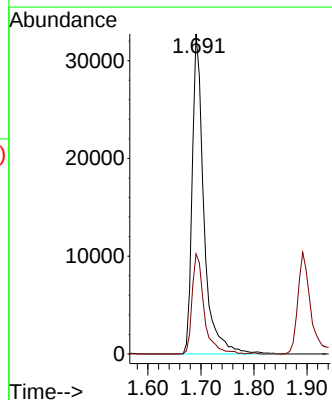
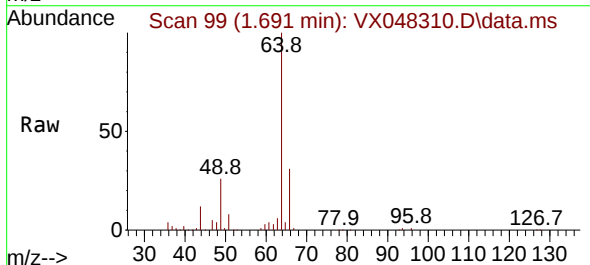
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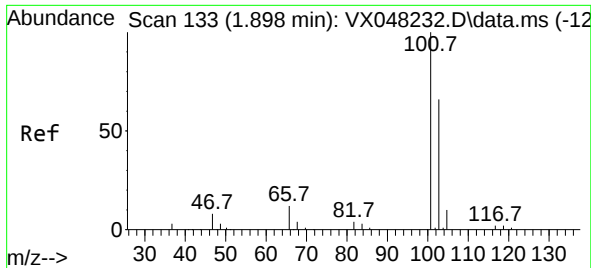
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#6
Chloroethane
Concen: 72.674 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 64 Resp: 50028
Ion Ratio Lower Upper
64 100
66 31.3 23.9 35.9





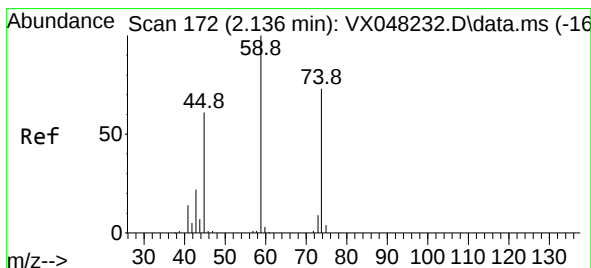
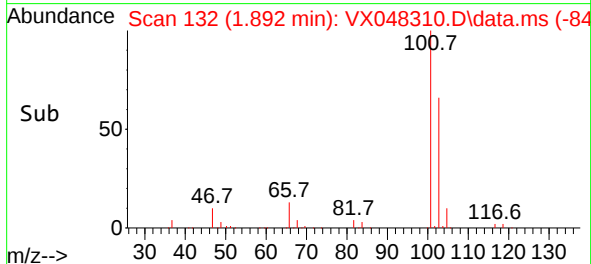
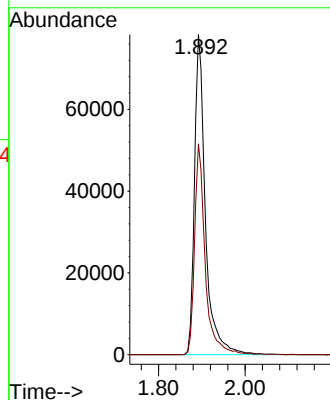
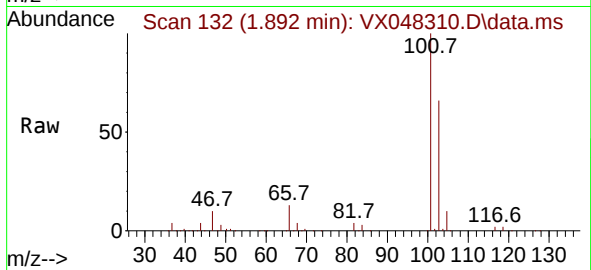
#7
Trichlorofluoromethane
Concen: 60.949 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 136938
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4

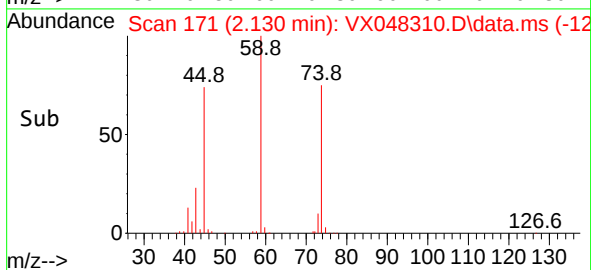
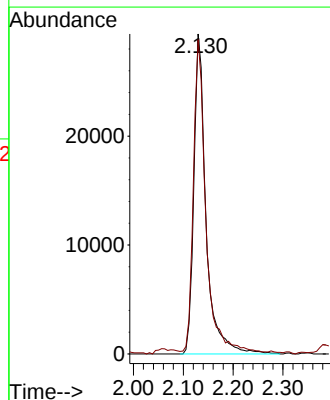
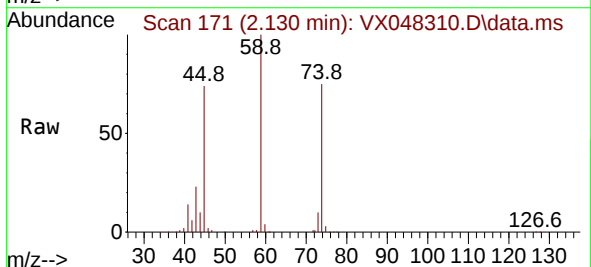
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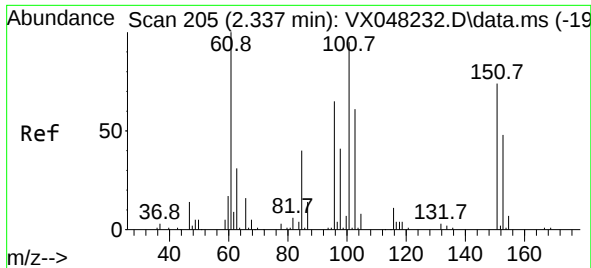
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#8
Diethyl Ether
Concen: 79.055 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 74 Resp: 49977
Ion Ratio Lower Upper
74 100
45 99.9 50.0 149.8





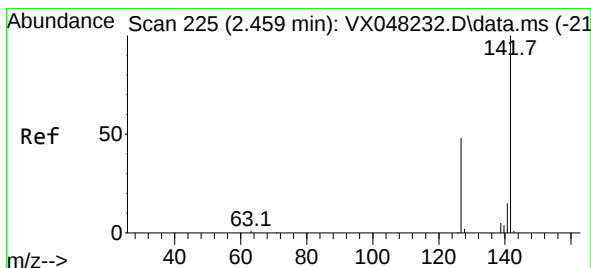
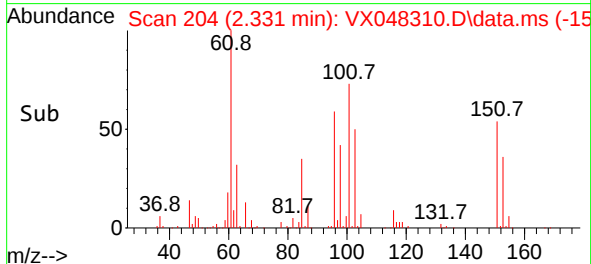
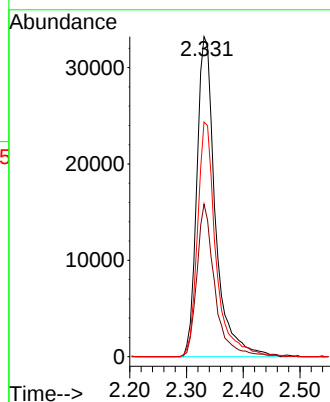
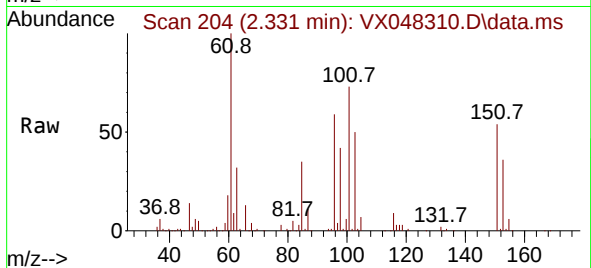
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.984 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7538
Ion Ratio Lower Upper
101 100
85 46.4 35.6 53.4
151 72.9 58.0 87.0

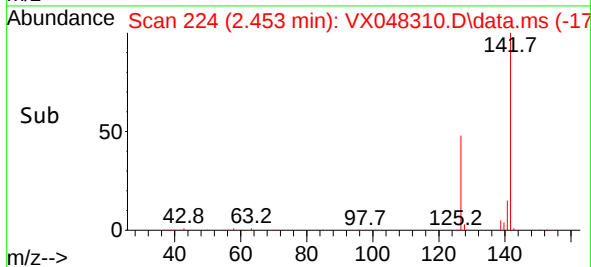
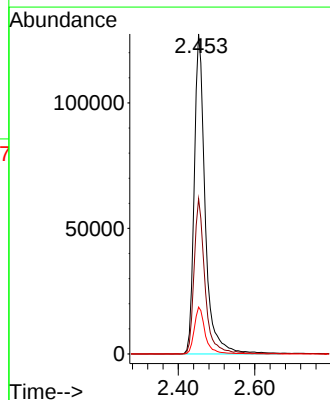
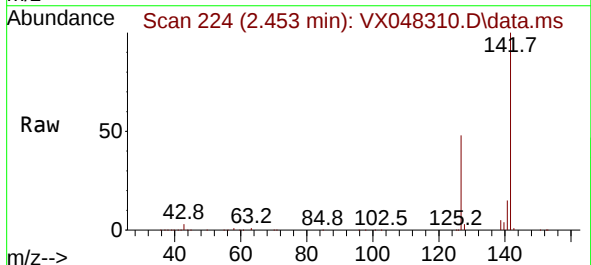
Manual Integrations
APPROVED

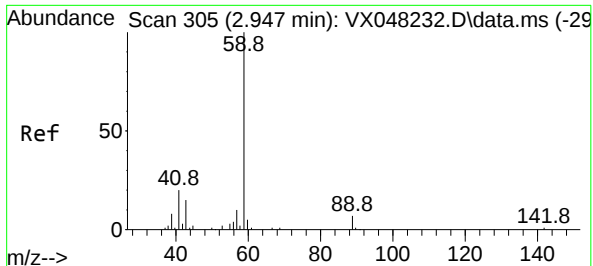
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 141.848 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

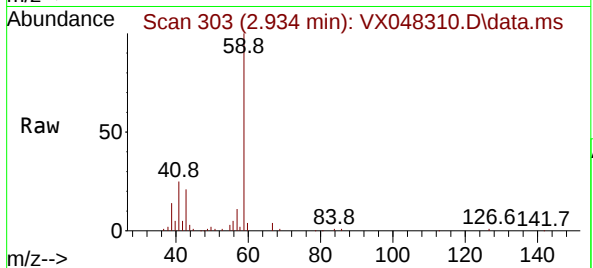
Tgt Ion:142 Resp: 253707
Ion Ratio Lower Upper
142 100
127 47.6 38.5 57.7
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 235.209 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

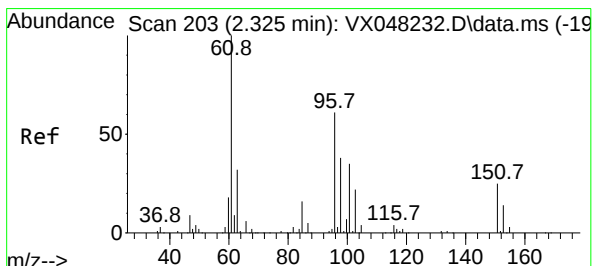
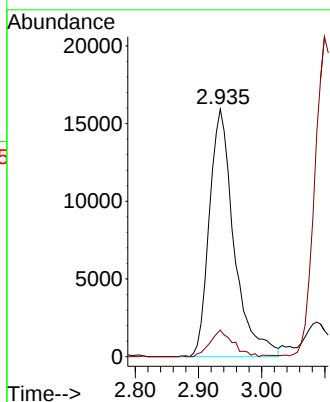
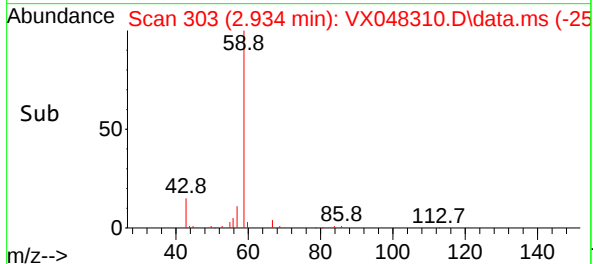
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 43169
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

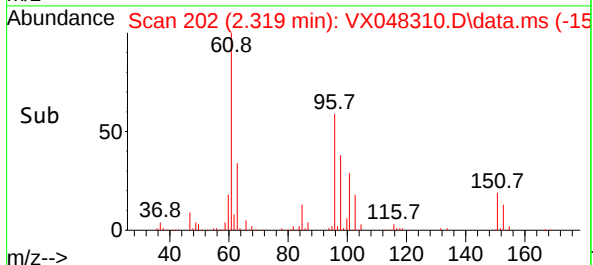
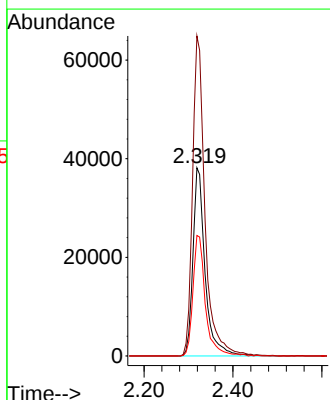
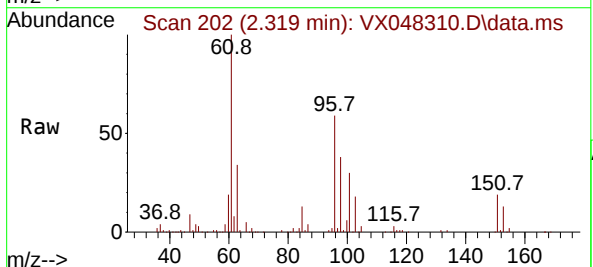
Manual Integrations
APPROVED

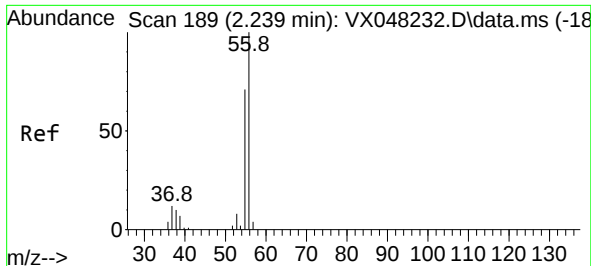
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
1,1-Dichloroethene
Concen: 52.456 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

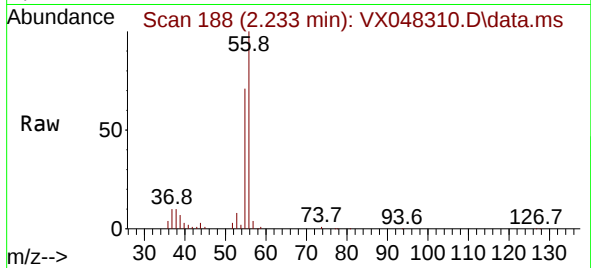
Tgt Ion: 96 Resp: 72608
Ion Ratio Lower Upper
96 100
61 170.1 139.0 208.6
98 64.1 52.4 78.6





#13
Acrolein
Concen: 346.770 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

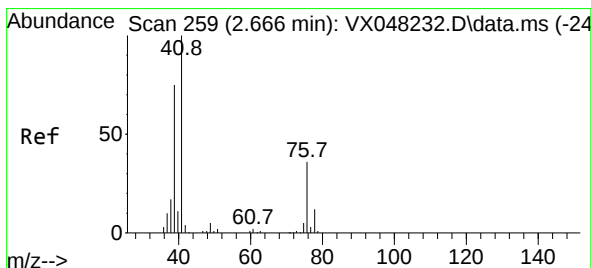
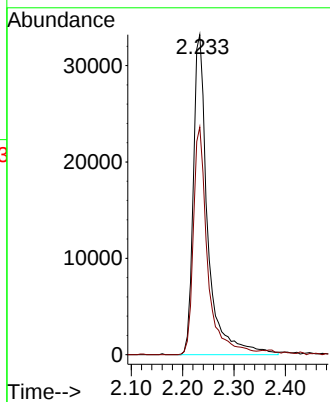
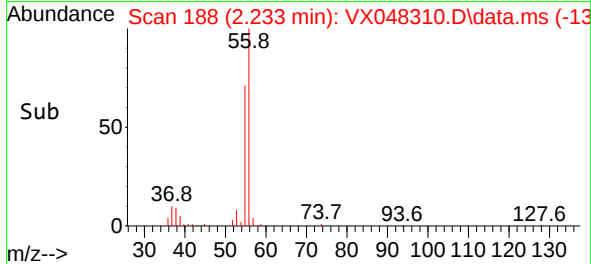
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 64910
Ion Ratio Lower Upper
56 100
55 70.3 56.1 84.1

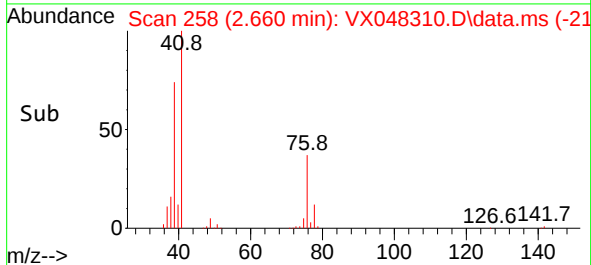
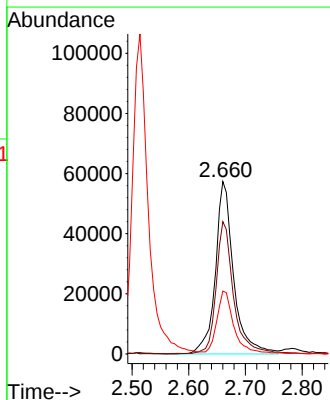
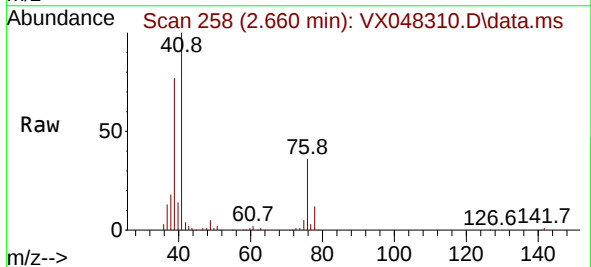
Manual Integrations
APPROVED

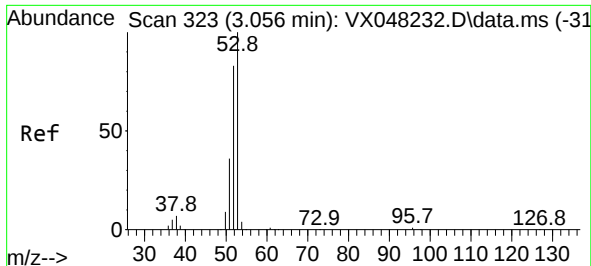
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 56.011 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

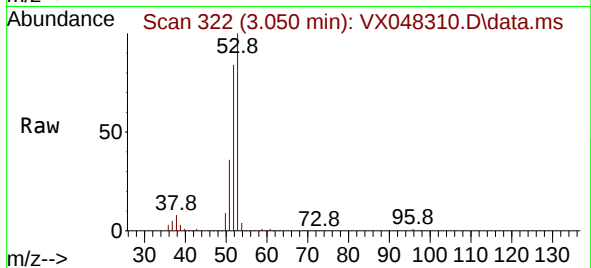
Tgt Ion: 41 Resp: 128717
Ion Ratio Lower Upper
41 100
39 73.7 56.0 84.0
76 33.9 27.5 41.3





#15
Acrylonitrile
Concen: 272.301 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

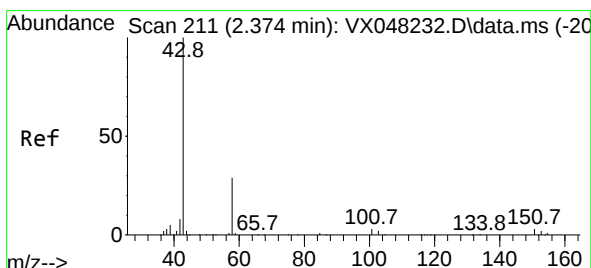
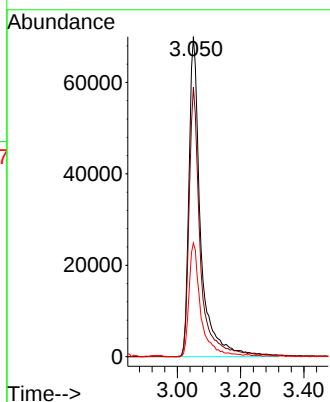
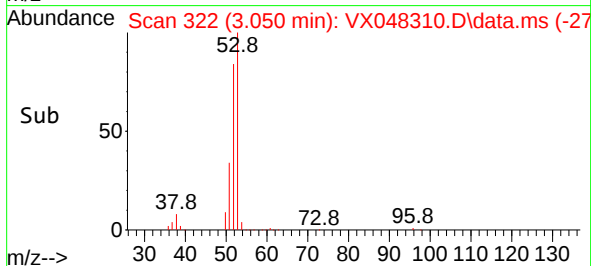
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



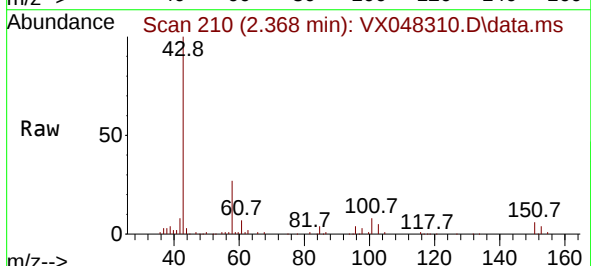
Tgt Ion: 53 Resp: 18021
Ion Ratio Lower Upper
53 100
52 81.4 66.1 99.1
51 36.0 29.0 43.4

Manual Integrations
APPROVED

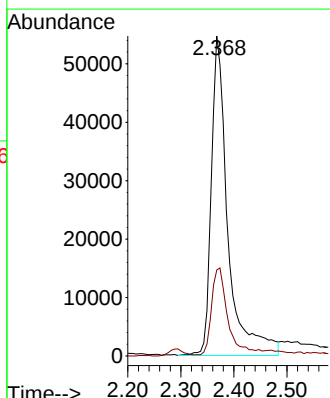
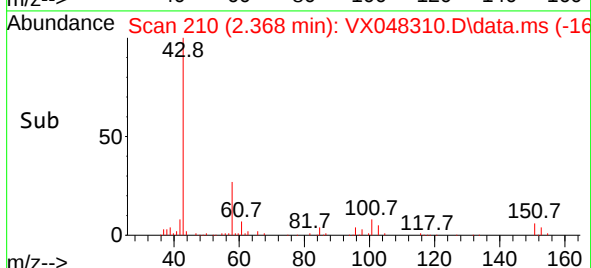
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

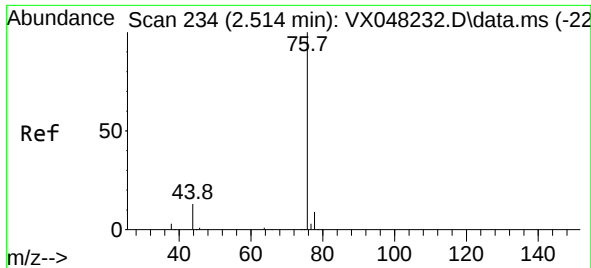


#16
Acetone
Concen: 187.675 ug/l
RT: 2.368 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20



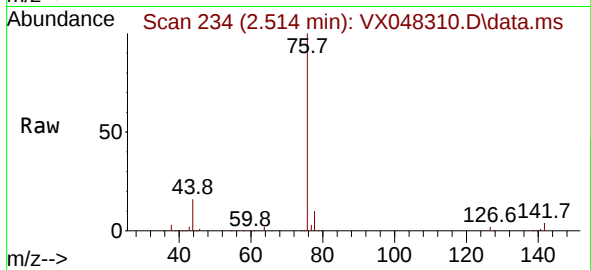
Tgt Ion: 43 Resp: 119014
Ion Ratio Lower Upper
43 100
58 25.5 23.4 35.2





#17
Carbon Disulfide
Concen: 46.826 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

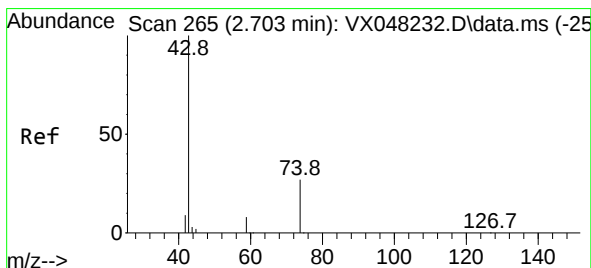
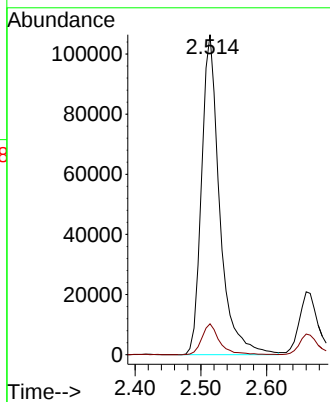
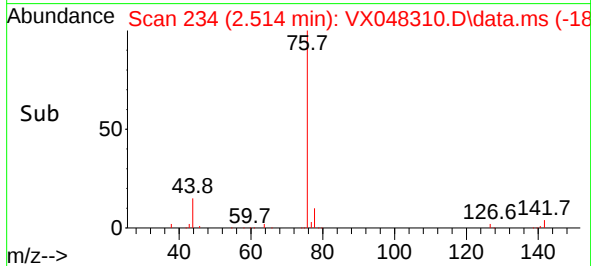
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 20427
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7

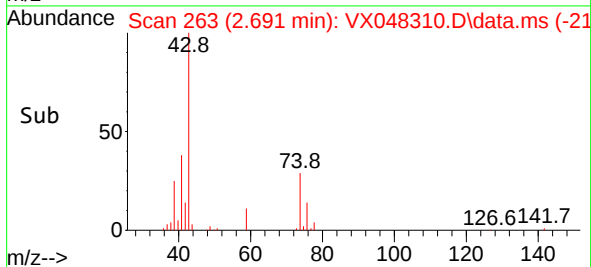
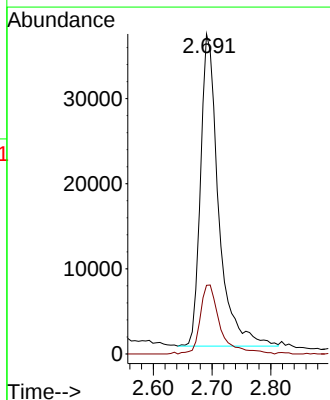
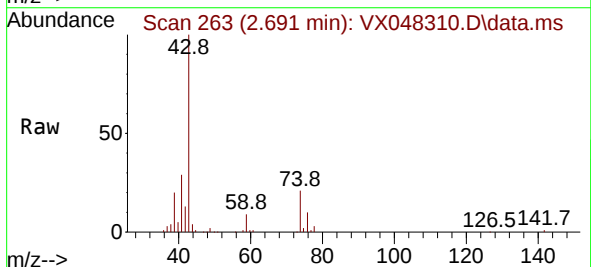
Manual Integrations
APPROVED

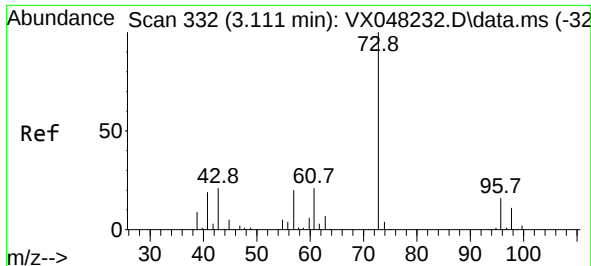
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 59.179 ug/l
RT: 2.691 min Scan# 263
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 43 Resp: 78375
Ion Ratio Lower Upper
43 100
74 24.3 17.5 26.3





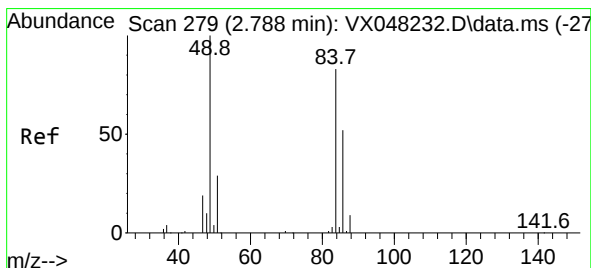
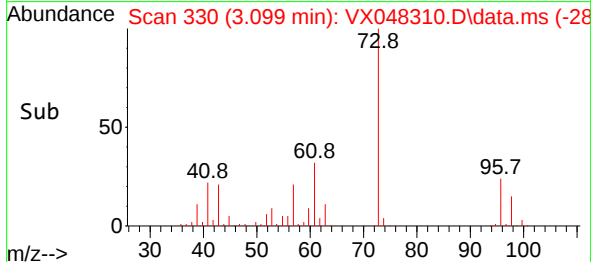
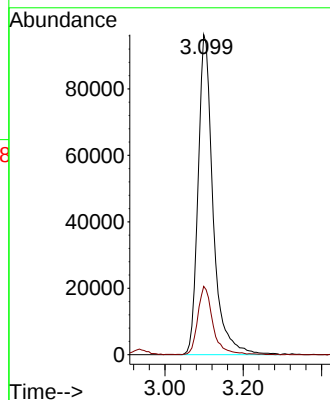
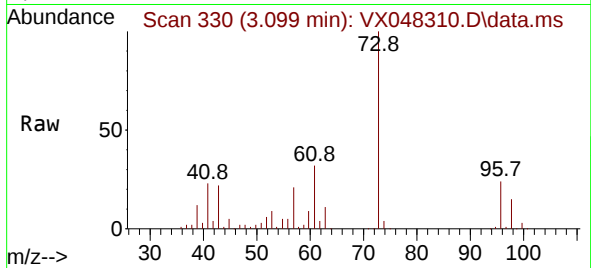
#19
Methyl tert-butyl Ether
Concen: 54.263 ug/l
RT: 3.099 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 25623
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

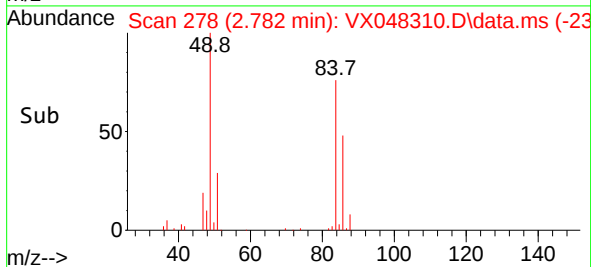
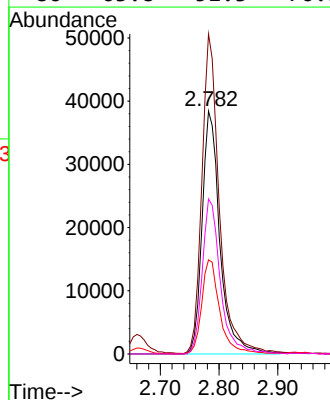
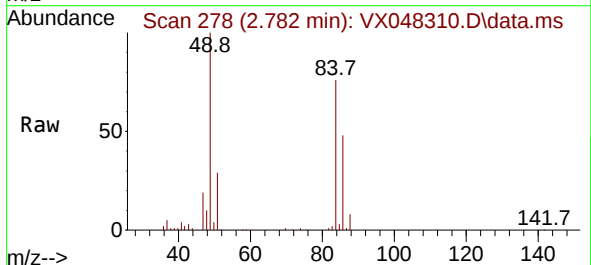
Manual Integrations
APPROVED

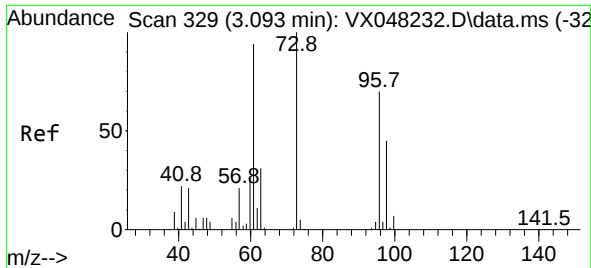
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 52.619 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 84 Resp: 81306
Ion Ratio Lower Upper
84 100
49 131.5 104.1 156.1
51 38.7 31.3 46.9
86 63.8 51.3 76.9





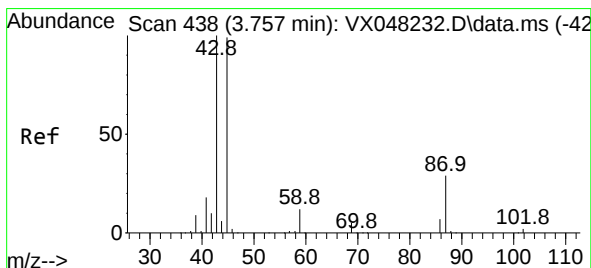
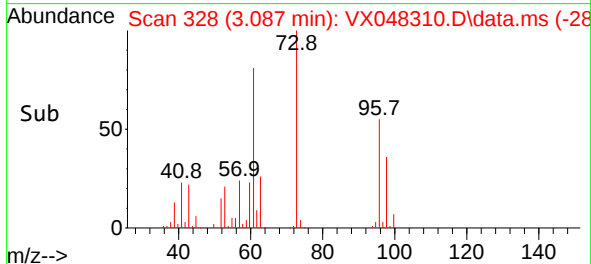
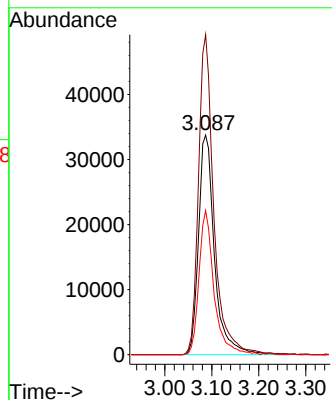
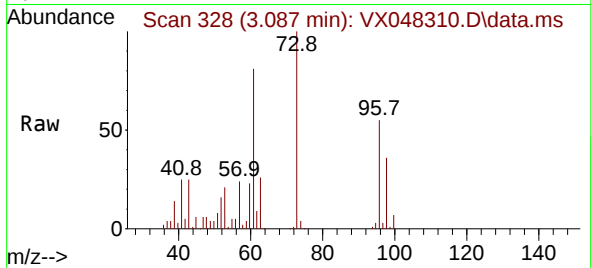
#21
trans-1,2-Dichloroethene
Concen: 52.577 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 79940
Ion Ratio Lower Upper
96 100
61 145.7 111.9 167.9
98 65.6 51.2 76.8

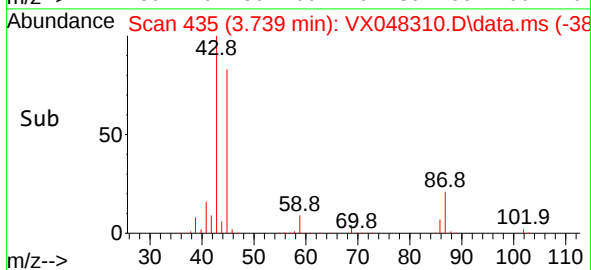
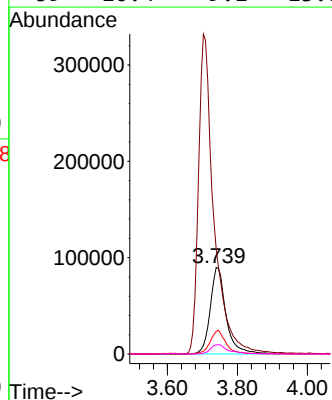
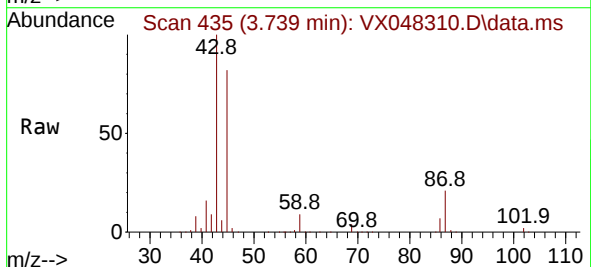
Manual Integrations
APPROVED

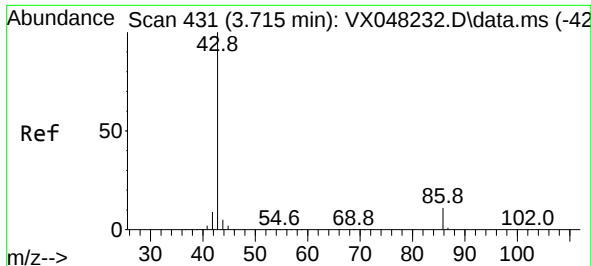
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 61.407 ug/l
RT: 3.739 min Scan# 435
Delta R.T. -0.012 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 45 Resp: 281464
Ion Ratio Lower Upper
45 100
43 120.8 89.8 134.8
87 25.9 20.6 31.0
59 10.4 9.1 13.7





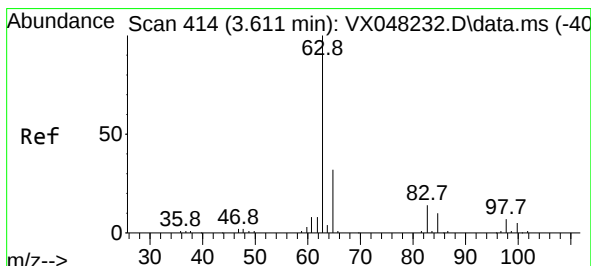
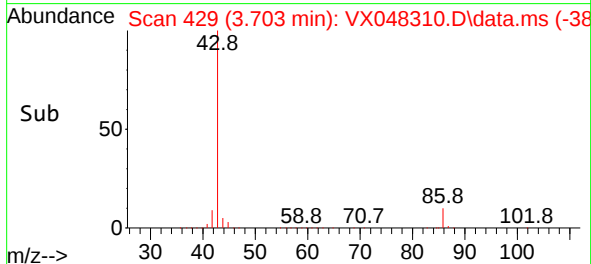
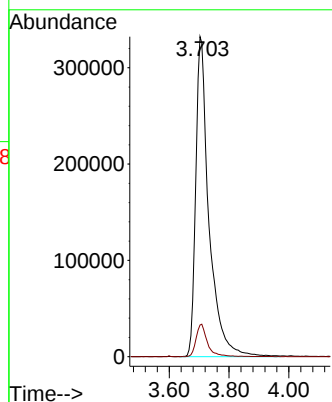
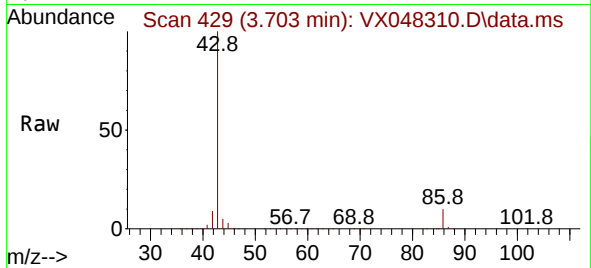
#23
 Vinyl Acetate
 Concen: 278.756 ug/l
 RT: 3.703 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VX048310.D
 Acq: 23 Oct 2025 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 102063
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9

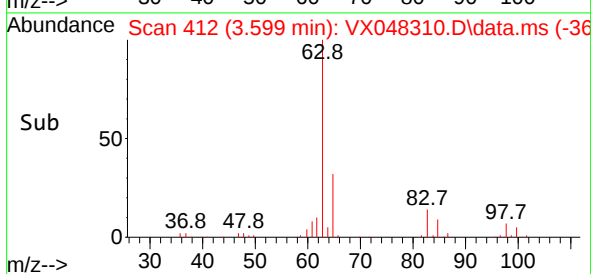
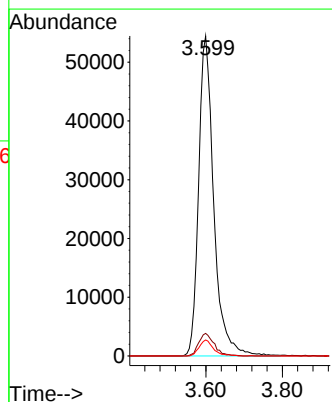
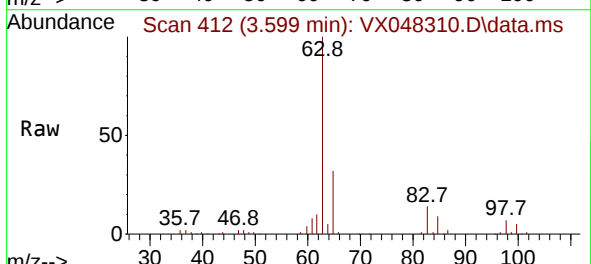
Manual Integrations
 APPROVED

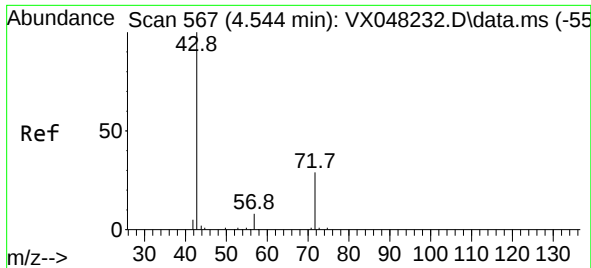
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 53.903 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048310.D
 Acq: 23 Oct 2025 09:20

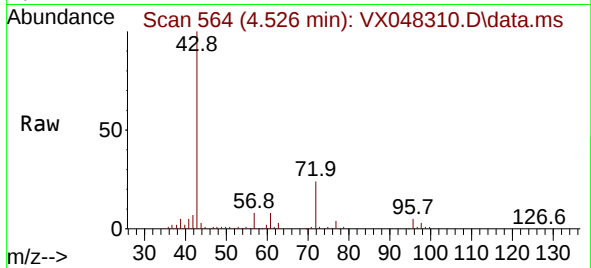
Tgt Ion: 63 Resp: 149394
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 5.2 2.1 6.3





#25
2-Butanone
Concen: 222.607 ug/l
RT: 4.526 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

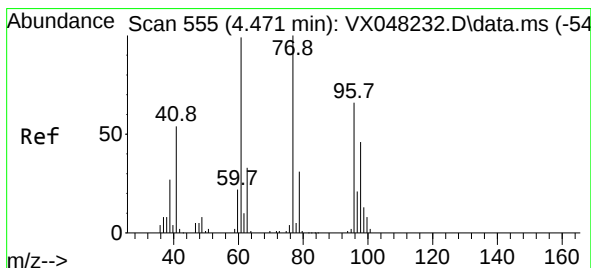
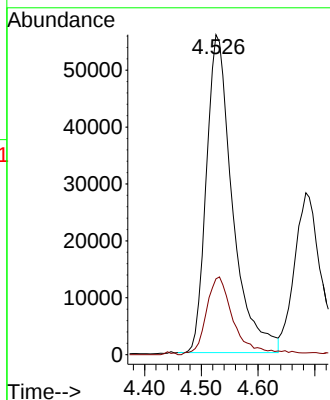
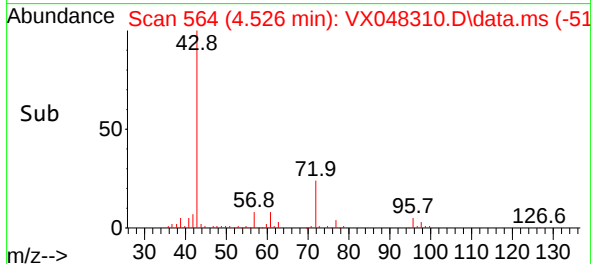
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 178679
Ion Ratio Lower Upper
43 100
72 23.8 19.9 29.9

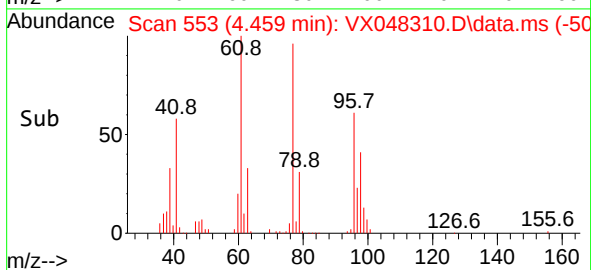
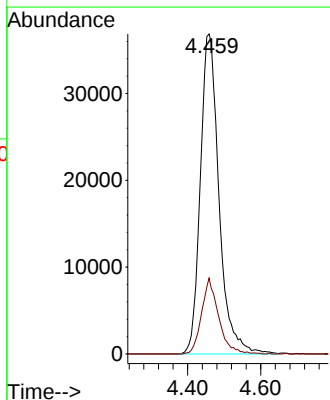
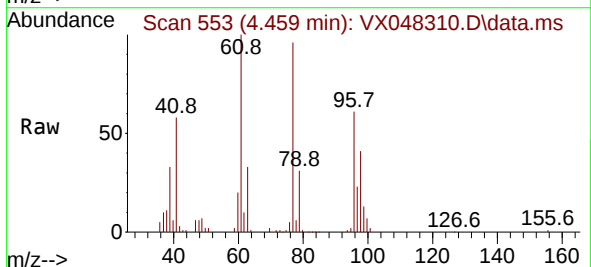
Manual Integrations
APPROVED

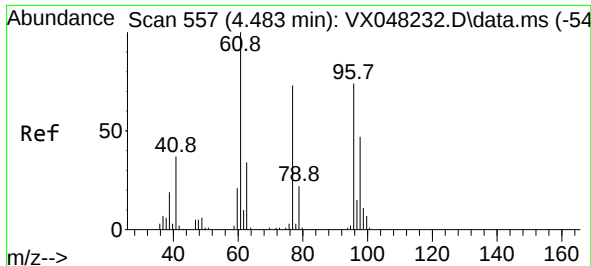
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 52.245 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 77 Resp: 130696
Ion Ratio Lower Upper
77 100
97 21.5 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 52.859 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048310.D

Acq: 23 Oct 2025 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 93790

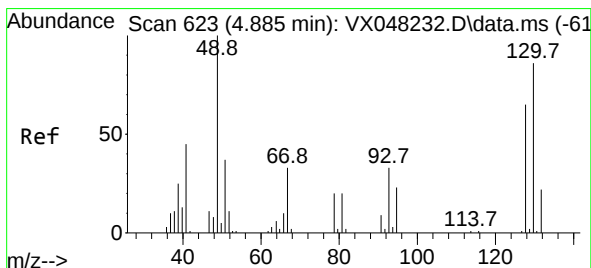
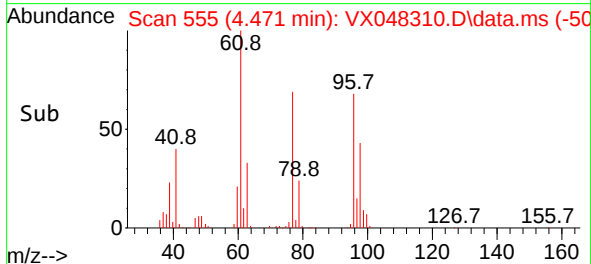
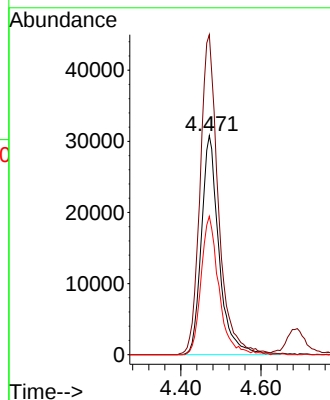
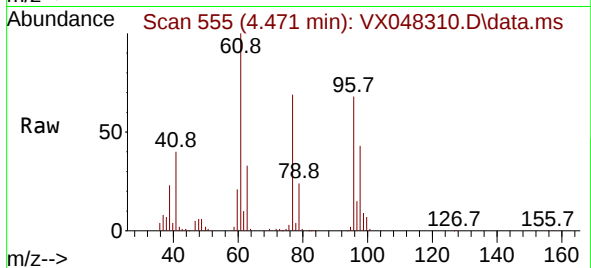
Ion	Ratio	Lower	Upper
96	100		
61	152.0	0.0	294.2
98	64.1	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

Bromochloromethane

Concen: 66.882 ug/l

RT: 4.873 min Scan# 621

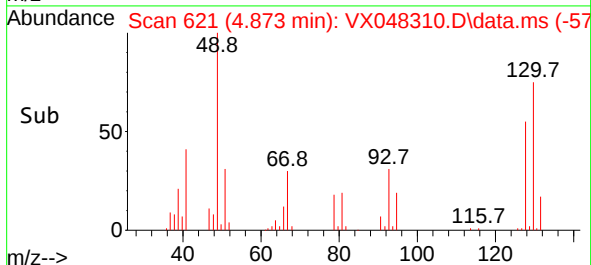
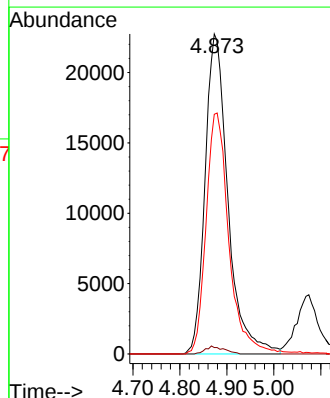
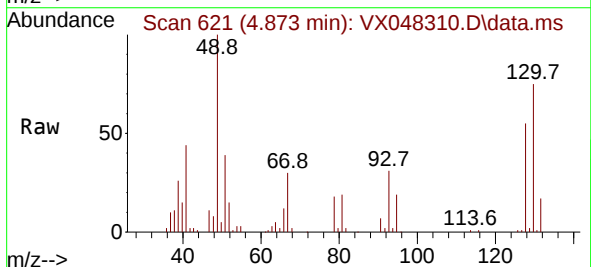
Delta R.T. -0.012 min

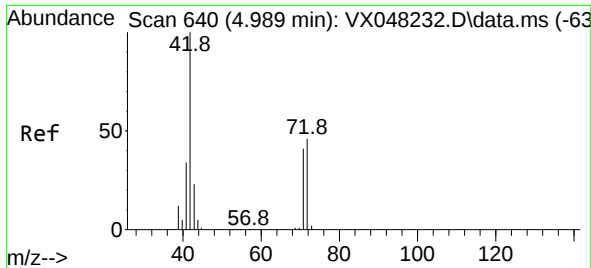
Lab File: VX048310.D

Acq: 23 Oct 2025 09:20

Tgt Ion: 49 Resp: 76860

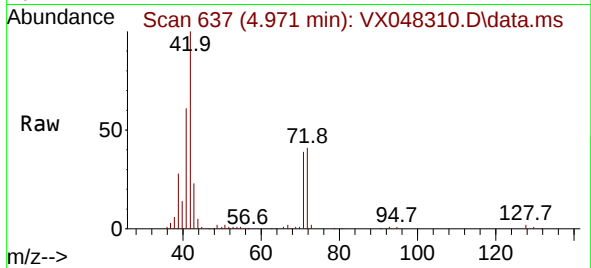
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	75.0	59.3	88.9





#29
Tetrahydrofuran
Concen: 269.974 ug/l
RT: 4.971 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

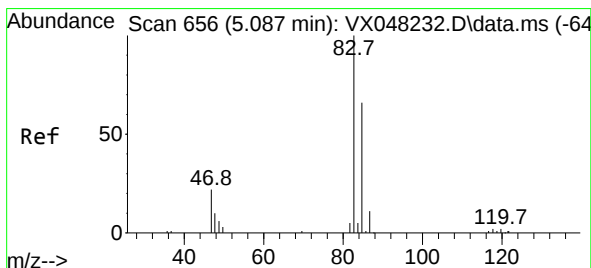
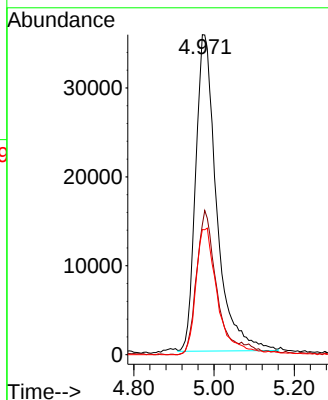
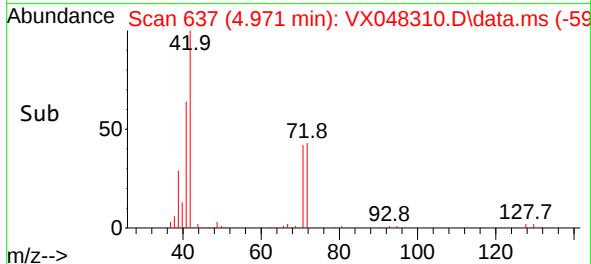
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 12978
Ion Ratio Lower Upper
42 100
72 45.1 35.3 52.9
71 41.0 32.2 48.4

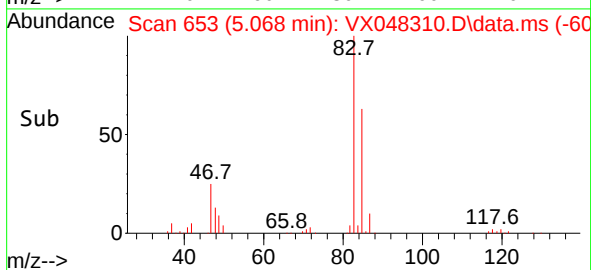
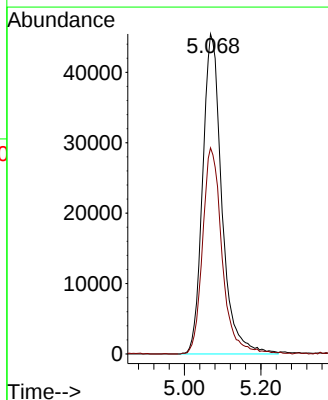
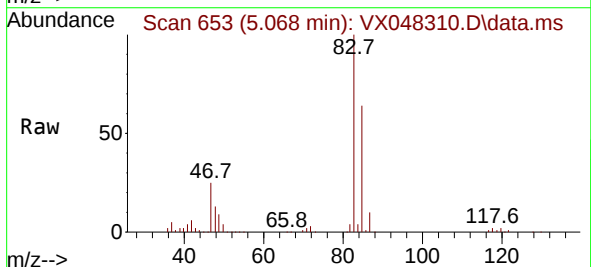
Manual Integrations
APPROVED

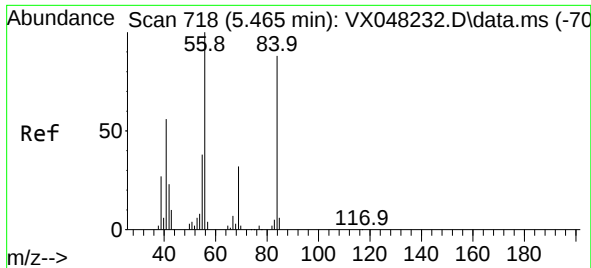
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#30
Chloroform
Concen: 53.522 ug/l
RT: 5.068 min Scan# 653
Delta R.T. -0.012 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

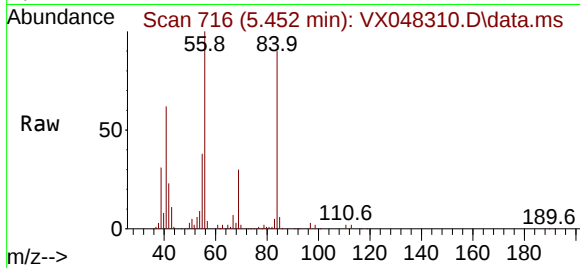
Tgt Ion: 83 Resp: 158482
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1





#31
Cyclohexane
Concen: 54.674 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

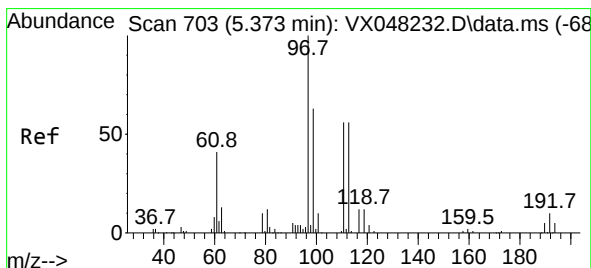
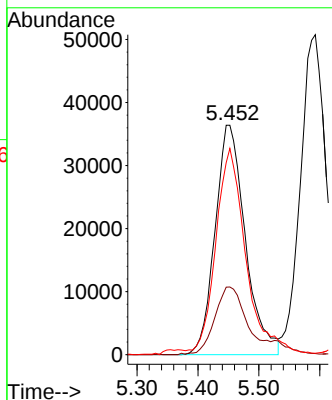
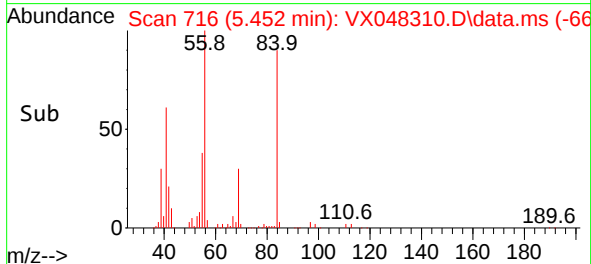
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



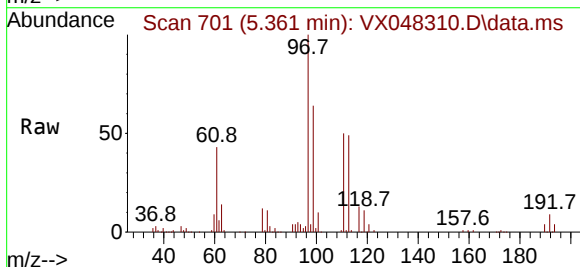
Tgt Ion: 56 Resp: 125454
Ion Ratio Lower Upper
56 100
69 28.8 23.0 34.6
84 87.7 64.6 97.0

Manual Integrations
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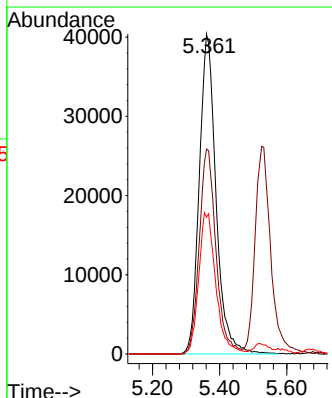
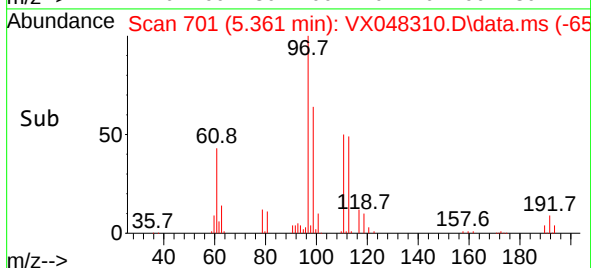
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

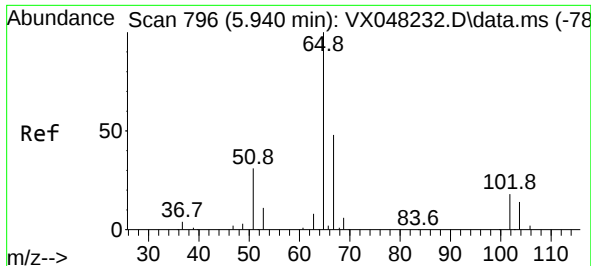


#32
1,1,1-Trichloroethane
Concen: 51.244 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20



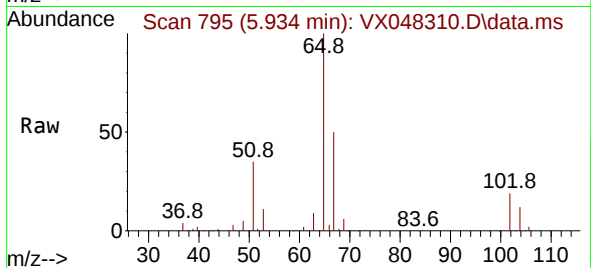
Tgt Ion: 97 Resp: 139843
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 45.1 34.8 52.2





#33
1,2-Dichloroethane-d4
Concen: 56.717 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

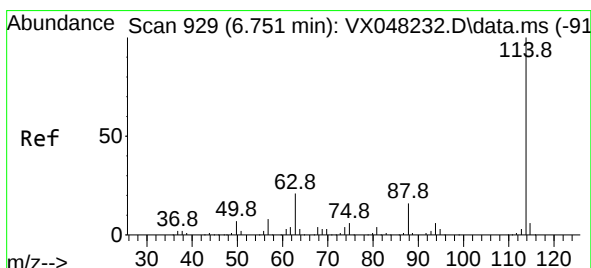
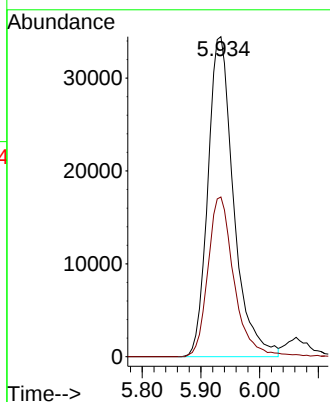
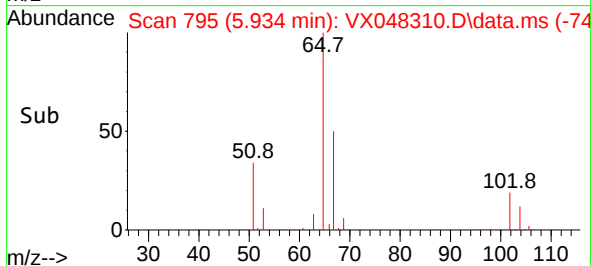
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



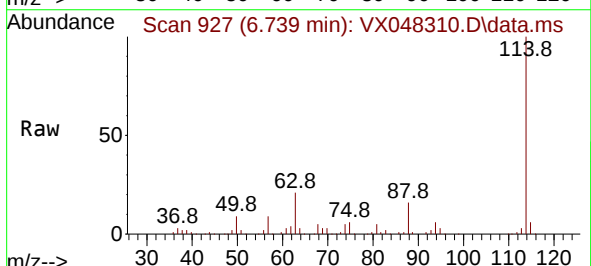
Tgt Ion: 65 Resp: 10484
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.0

Manual Integrations
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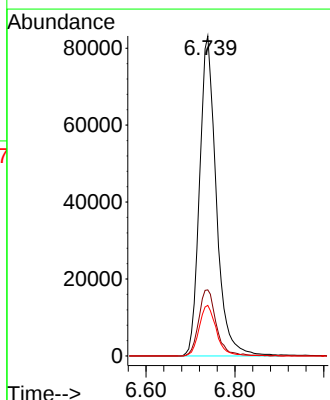
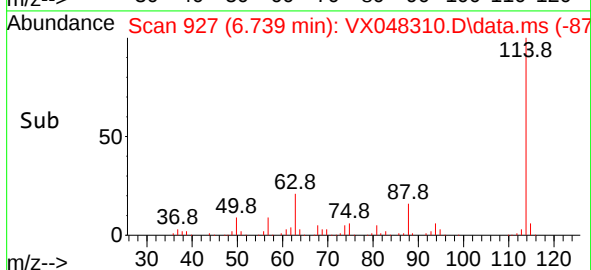
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

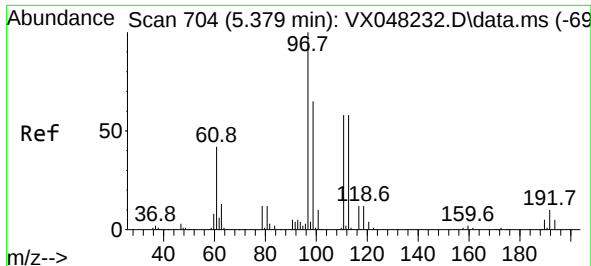


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20



Tgt Ion:114 Resp: 217736
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 15.8 0.0 33.6





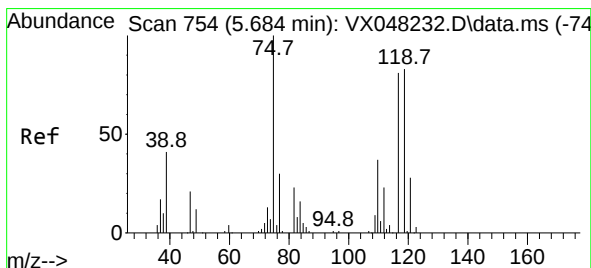
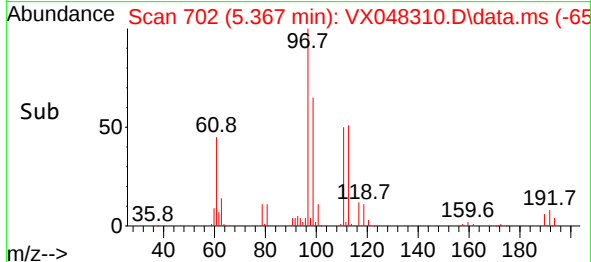
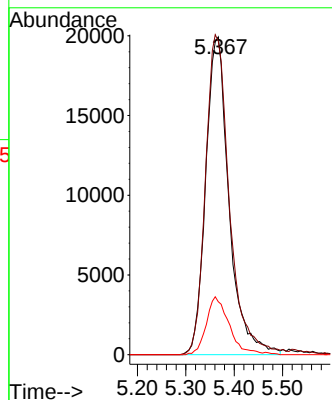
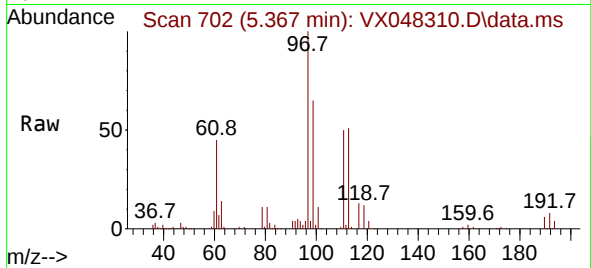
#35
Dibromofluoromethane
Concen: 44.923 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 6677
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 17.8 15.1 22.7

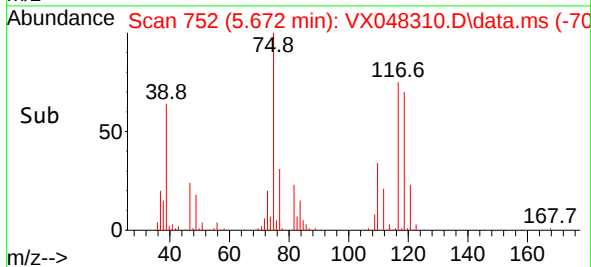
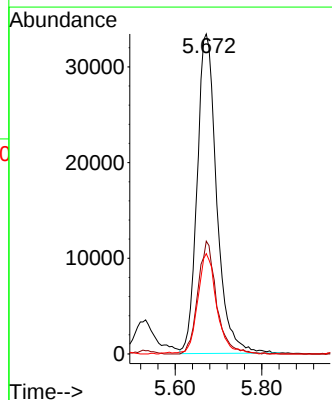
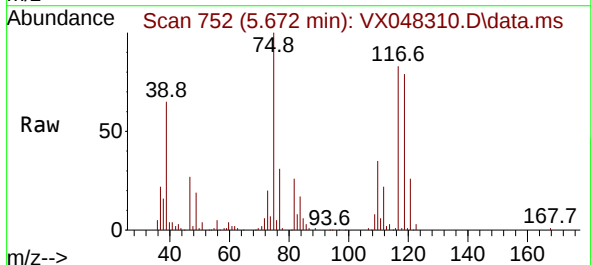
Manual Integrations
APPROVED

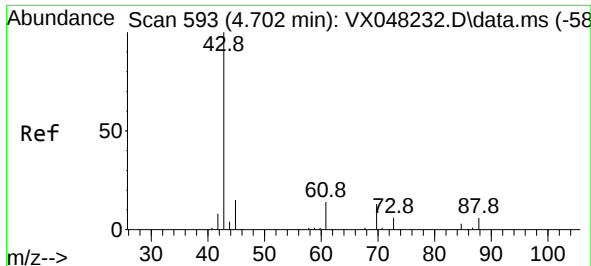
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,1-Dichloropropene
Concen: 49.524 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 75 Resp: 104632
Ion Ratio Lower Upper
75 100
110 33.7 17.7 53.1
77 30.5 24.3 36.5





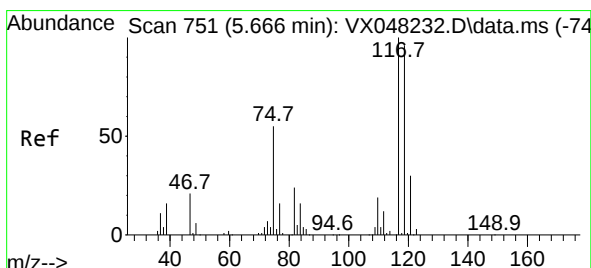
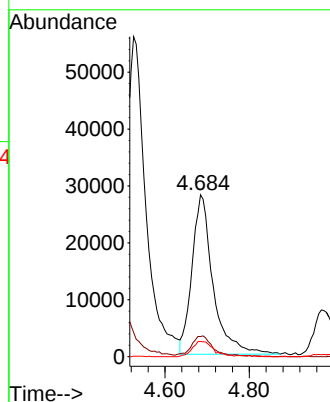
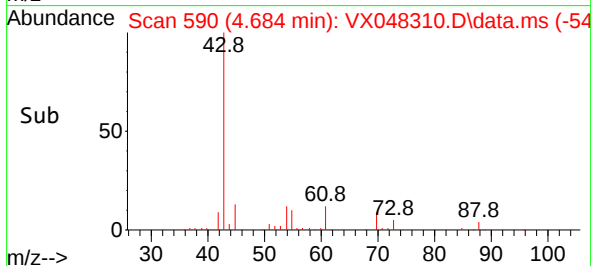
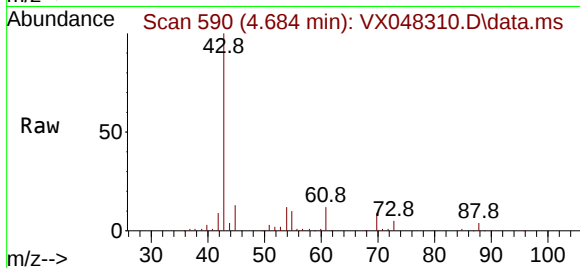
#37
Ethyl Acetate
Concen: 55.694 ug/l
RT: 4.684 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 9753
Ion Ratio Lower Upper
43 100
61 11.0 10.6 15.8
70 9.5 7.8 11.6

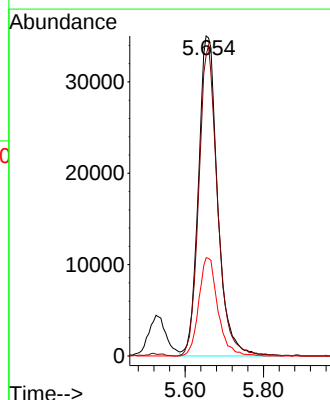
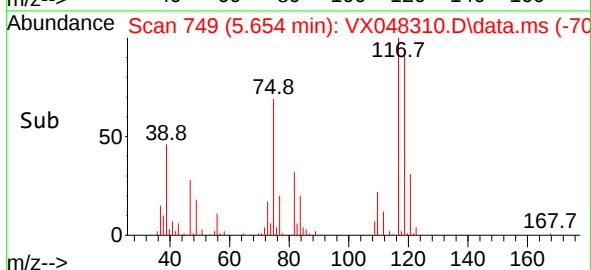
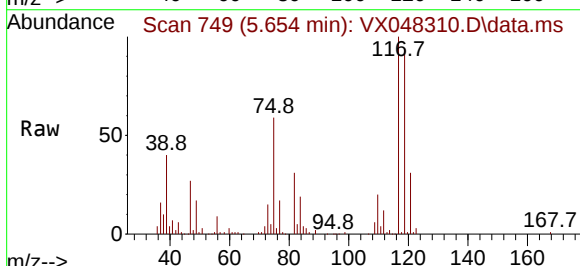
Manual Integrations
APPROVED

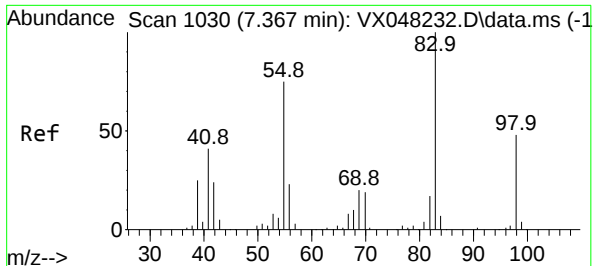
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Carbon Tetrachloride
Concen: 45.819 ug/l
RT: 5.654 min Scan# 749
Delta R.T. -0.012 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion:117 Resp: 119432
Ion Ratio Lower Upper
117 100
119 93.7 77.2 115.8
121 30.7 24.8 37.2





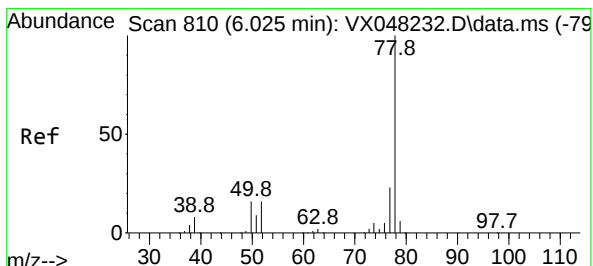
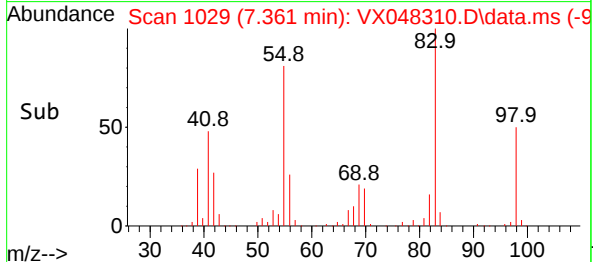
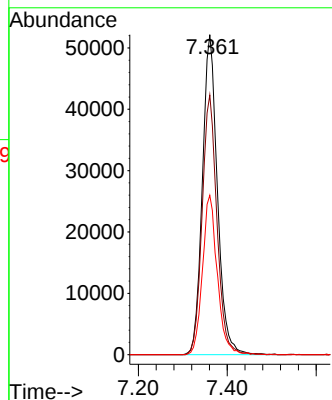
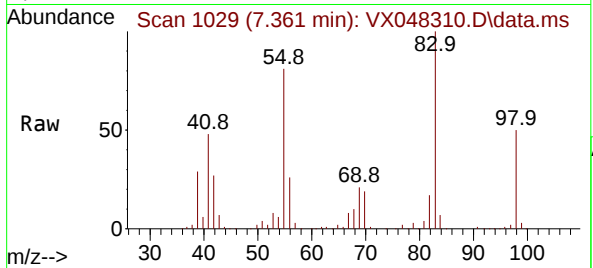
#39
Methylcyclohexane
Concen: 49.313 ug/l
RT: 7.361 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 123045
Ion Ratio Lower Upper
83 100
55 81.2 66.2 99.2
98 49.8 38.9 58.3

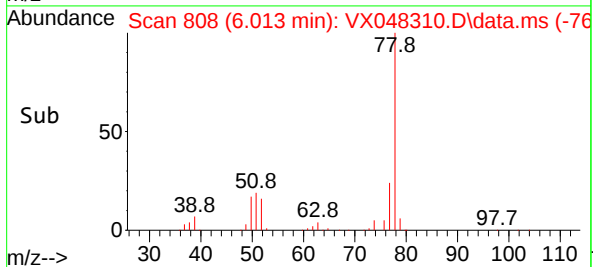
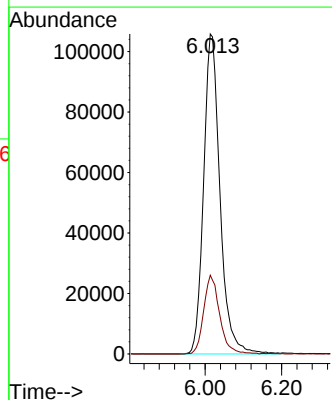
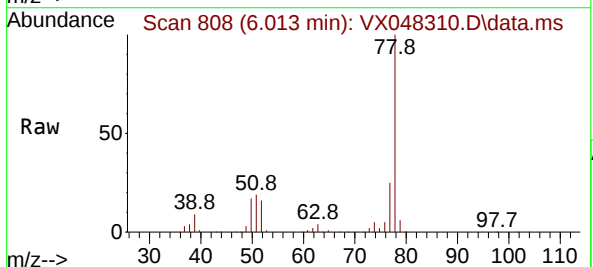
Manual Integrations
APPROVED

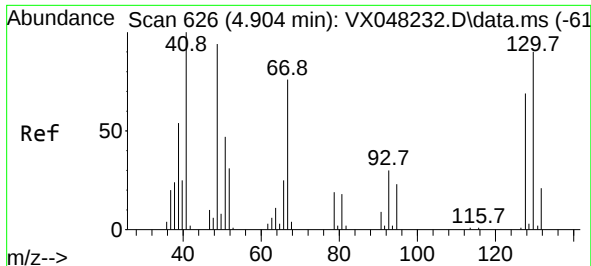
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#40
Benzene
Concen: 51.285 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 78 Resp: 314585
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





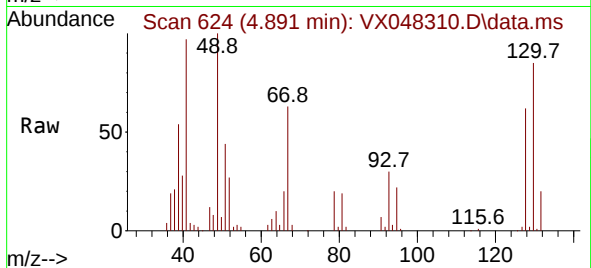
#41
Methacrylonitrile
Concen: 52.957 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



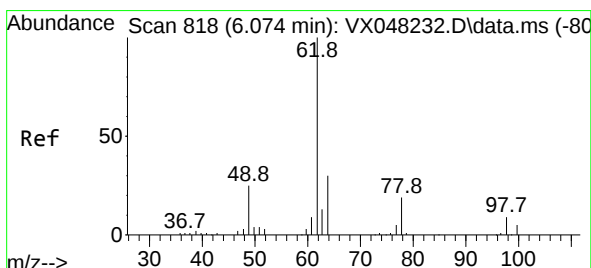
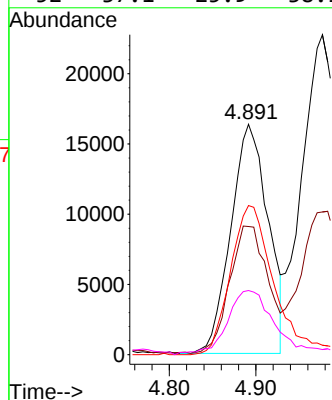
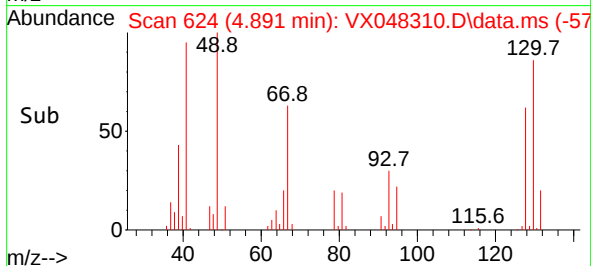
Tgt Ion: 41 Resp: 4870
Ion Ratio Lower Upper
41 100
39 57.1 44.0 66.0
67 77.7 58.7 88.1
52 37.1 25.9 38.9

Manual Integrations

APPROVED

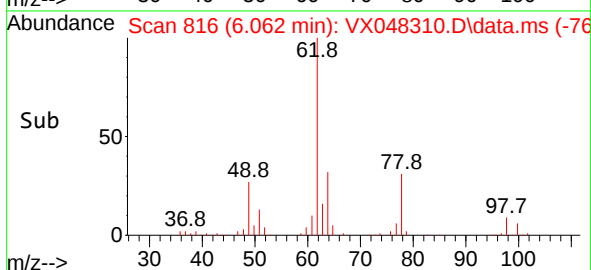
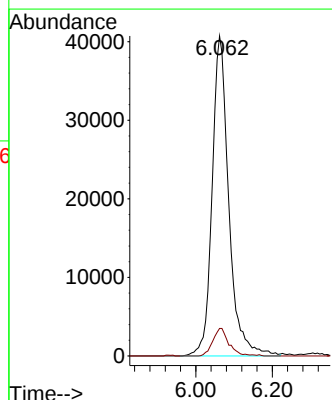
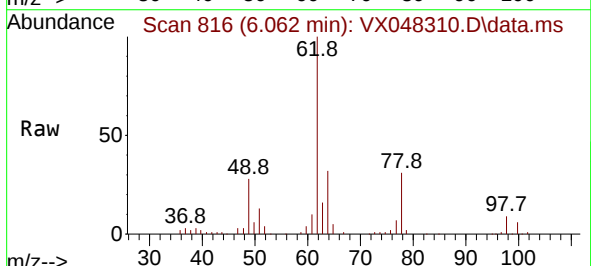
Reviewed By :John Carlone 10/24/2025

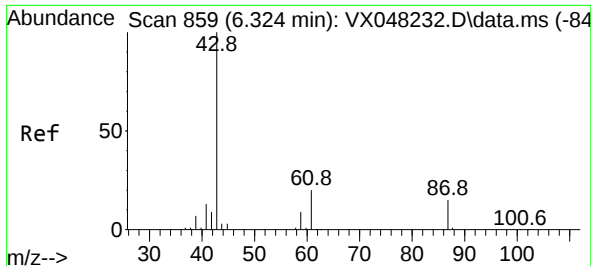
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 54.403 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 62 Resp: 123142
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.2





#43

Isopropyl Acetate

Concen: 56.080 ug/l

RT: 6.312 min Scan# 857

Delta R.T. -0.012 min

Lab File: VX048310.D

Acq: 23 Oct 2025 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

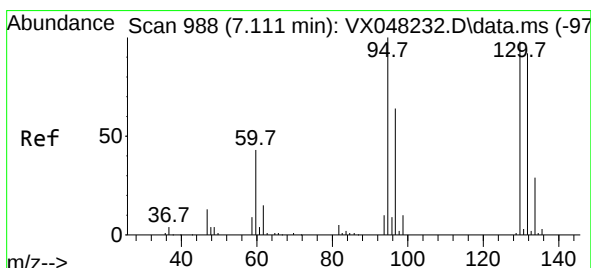
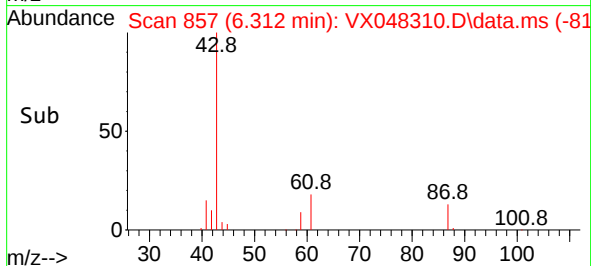
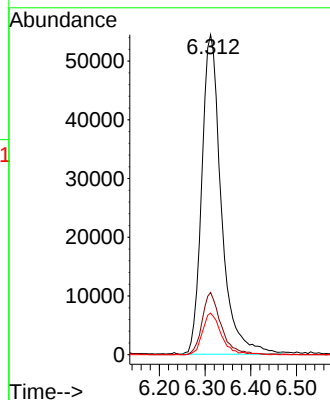
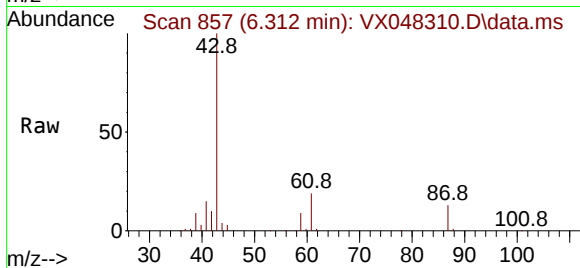
Tgt Ion:	43	Resp:	161310
Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.9	22.3
87	12.6	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#44

Trichloroethene

Concen: 49.476 ug/l

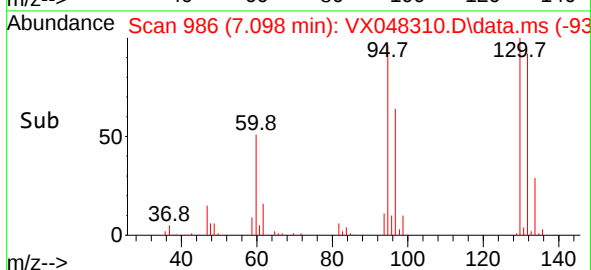
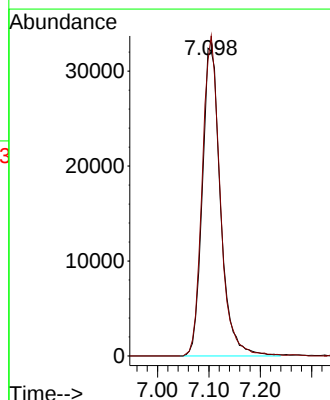
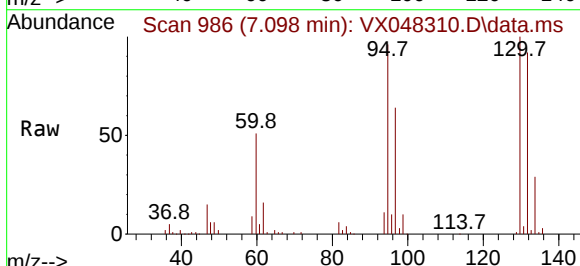
RT: 7.098 min Scan# 986

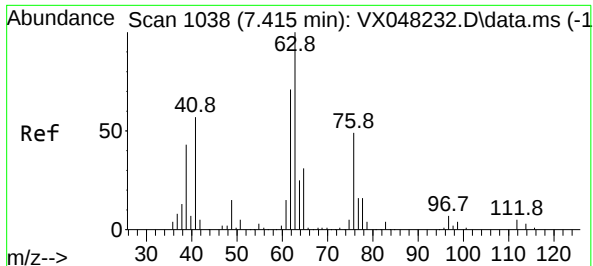
Delta R.T. -0.012 min

Lab File: VX048310.D

Acq: 23 Oct 2025 09:20

Tgt Ion:	130	Resp:	80136
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	200.6





#45

1,2-Dichloropropane

Concen: 54.886 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048310.D

Acq: 23 Oct 2025 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8004

Ion Ratio Lower Upper

63 100

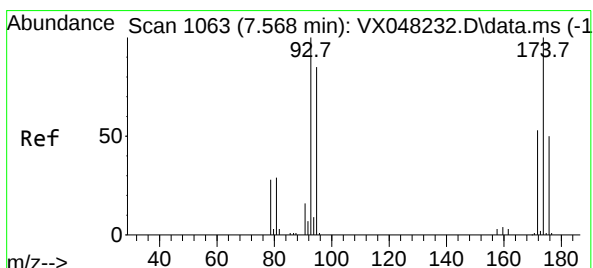
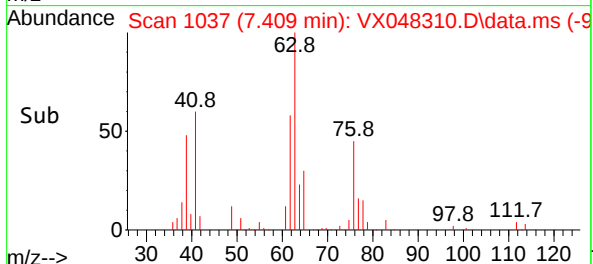
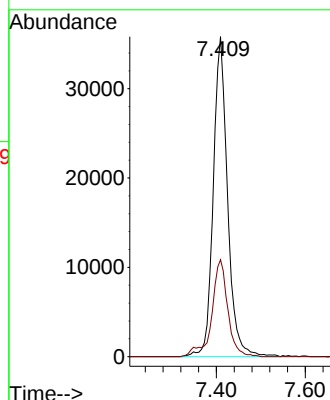
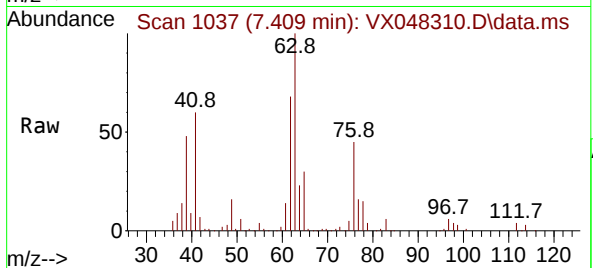
65 30.3 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 51.673 ug/l

RT: 7.556 min Scan# 1061

Delta R.T. -0.012 min

Lab File: VX048310.D

Acq: 23 Oct 2025 09:20

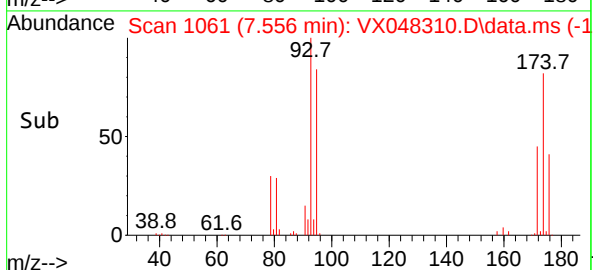
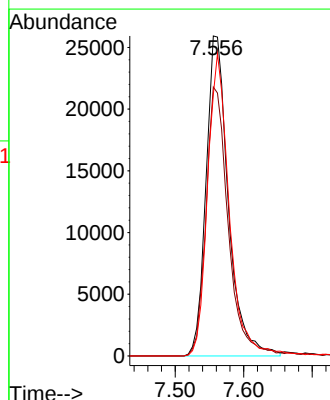
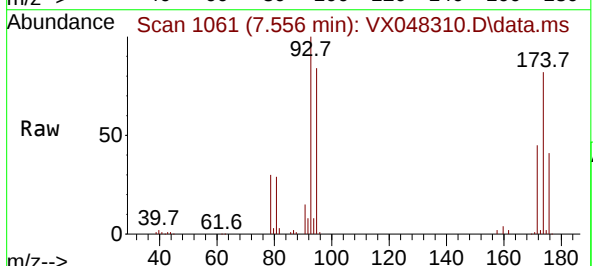
Tgt Ion: 93 Resp: 58711

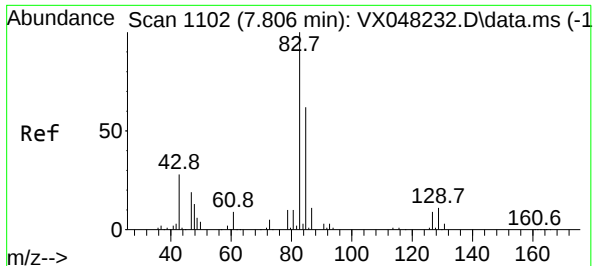
Ion Ratio Lower Upper

93 100

95 83.9 65.9 98.9

174 92.3 71.7 107.5





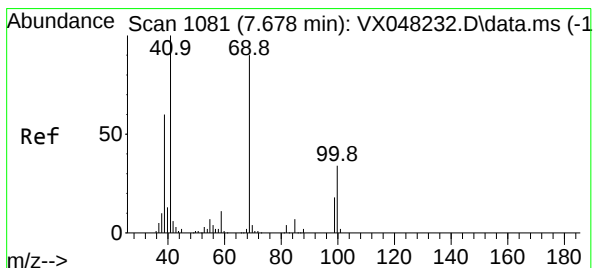
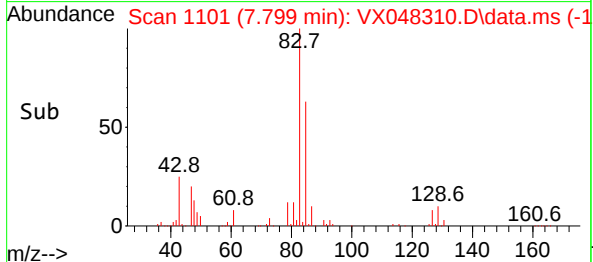
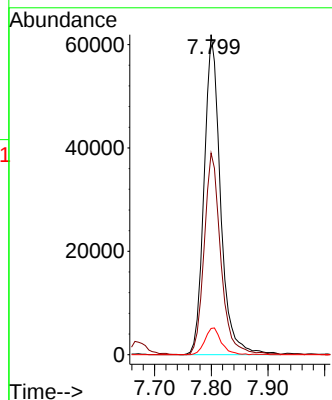
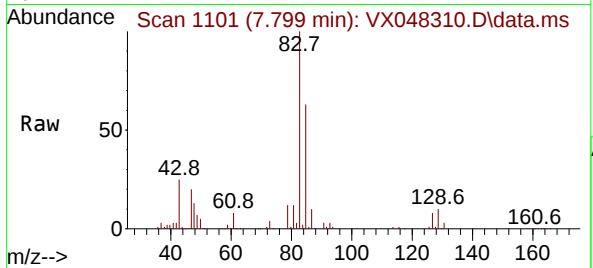
#47
Bromodichloromethane
Concen: 50.775 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 12456
Ion Ratio Lower Upper
83 100
85 63.0 52.2 78.4
127 8.2 7.3 10.9

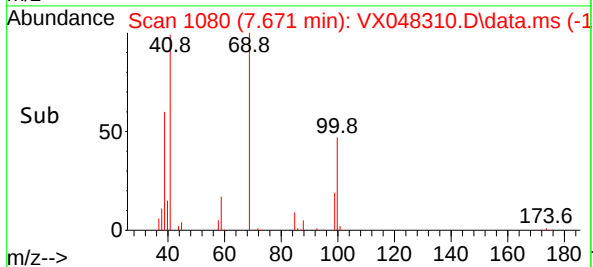
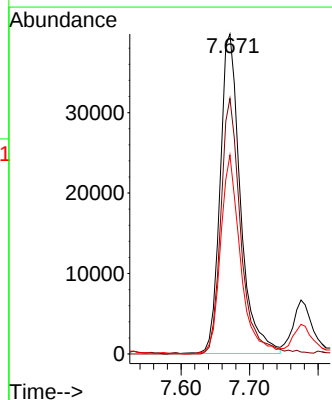
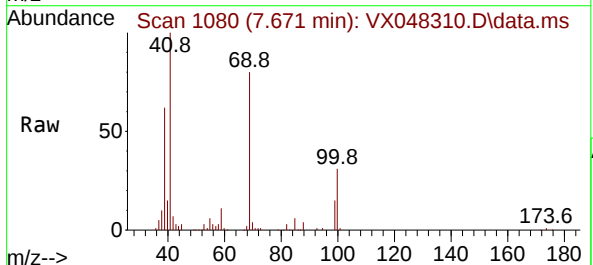
Manual Integrations
APPROVED

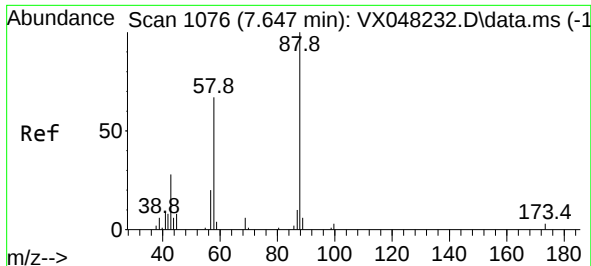
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 56.242 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 41 Resp: 81637
Ion Ratio Lower Upper
41 100
69 78.6 63.4 95.0
39 60.5 47.1 70.7





#49

1,4-Dioxane

Concen: 950.893 ug/l

RT: 7.635 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VX048310.D

Acq: 23 Oct 2025 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 18235

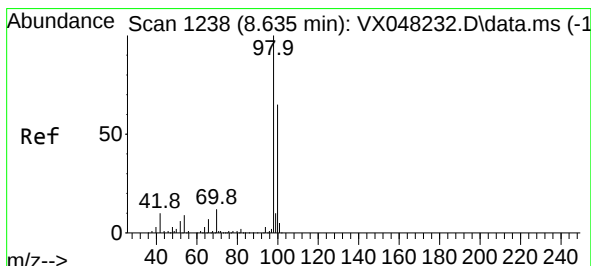
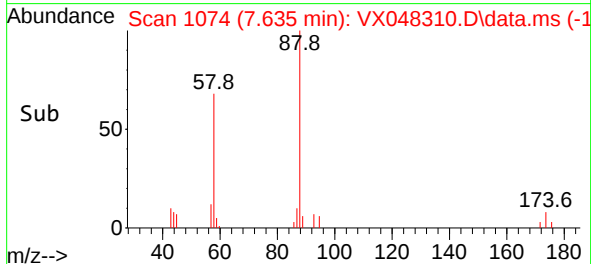
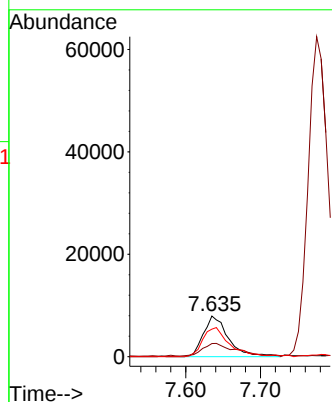
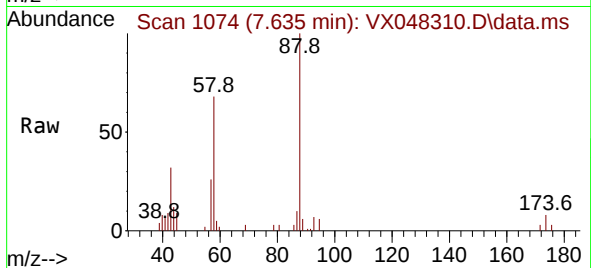
Ion	Ratio	Lower	Upper
88	100		
43	40.6	35.0	52.4
58	76.4	61.9	92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 52.348 ug/l

RT: 8.629 min Scan# 1237

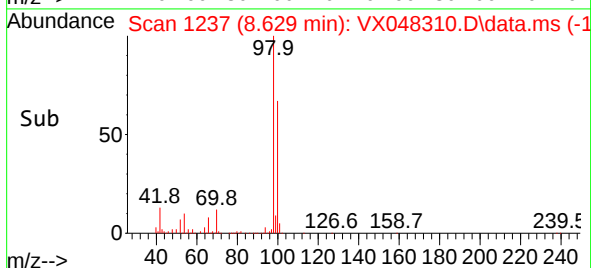
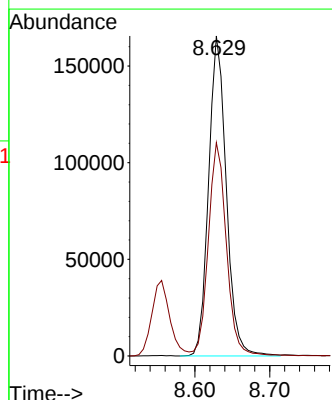
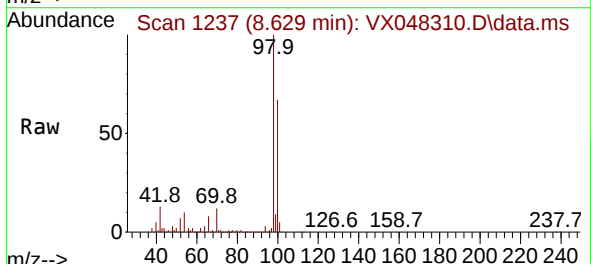
Delta R.T. -0.006 min

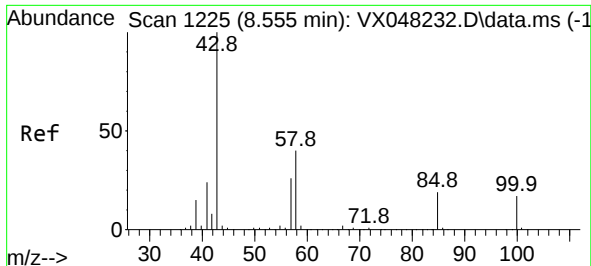
Lab File: VX048310.D

Acq: 23 Oct 2025 09:20

Tgt Ion: 98 Resp: 272745

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 274.249 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VX048310.D

Acq: 23 Oct 2025 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 454849

Ion Ratio Lower Upper

43 100

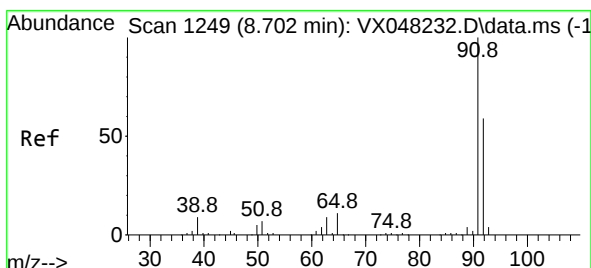
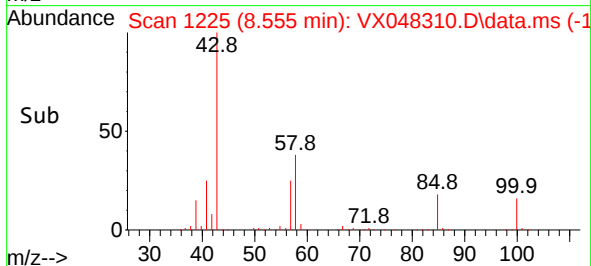
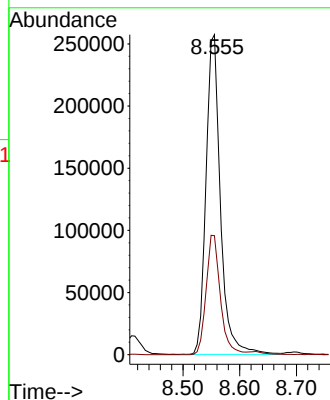
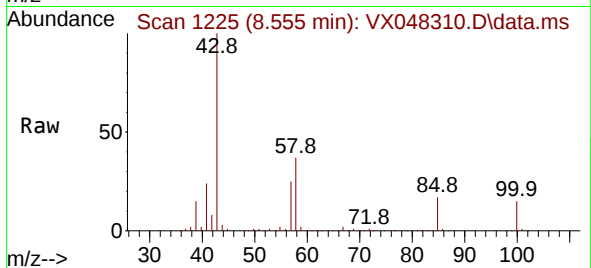
58 36.9 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#52

Toluene

Concen: 51.063 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. 0.000 min

Lab File: VX048310.D

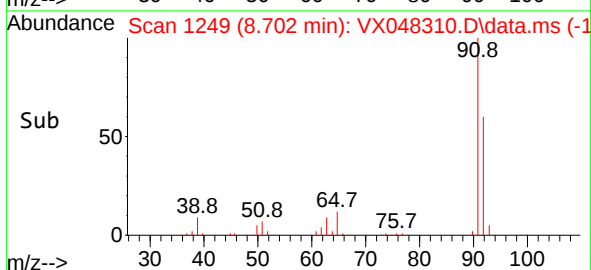
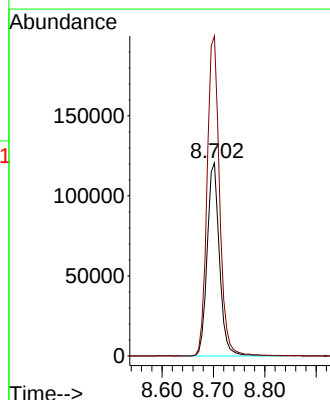
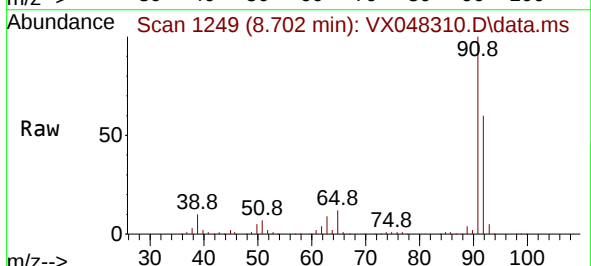
Acq: 23 Oct 2025 09:20

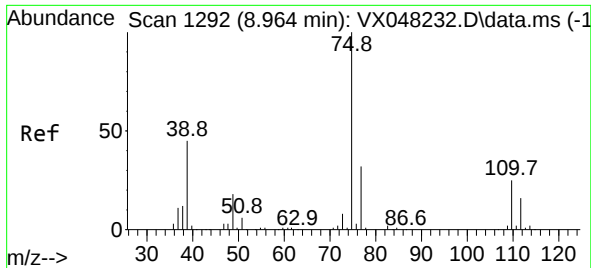
Tgt Ion: 92 Resp: 198985

Ion Ratio Lower Upper

92 100

91 168.4 136.1 204.1





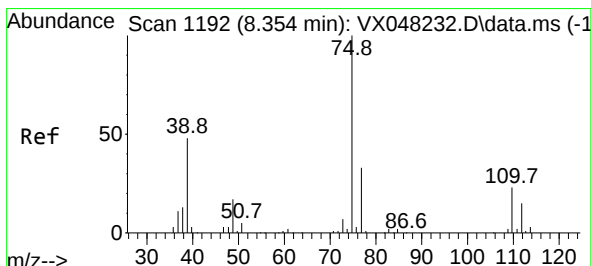
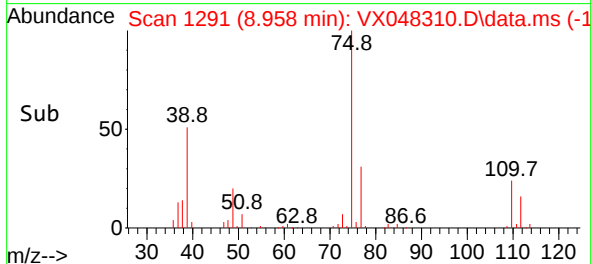
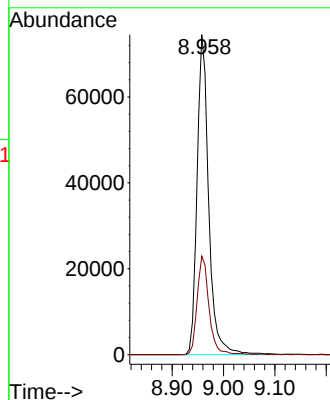
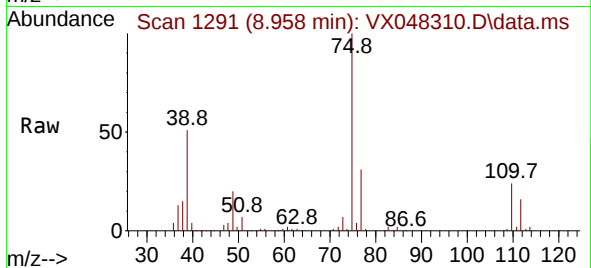
#53
t-1,3-Dichloropropene
Concen: 49.641 ug/l
RT: 8.958 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 117358
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6

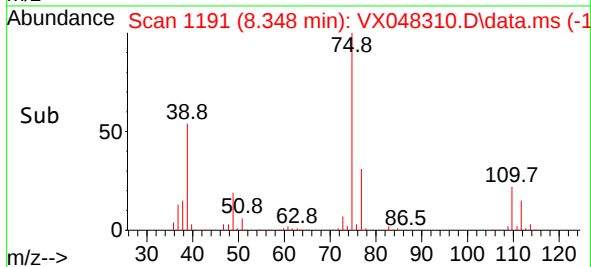
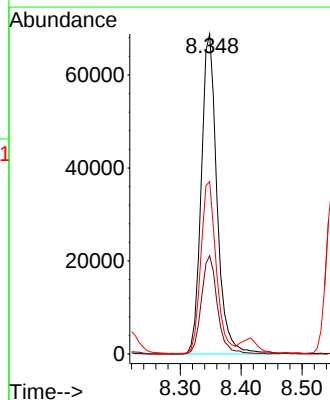
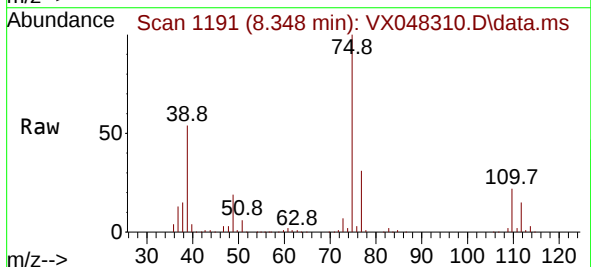
Manual Integrations
APPROVED

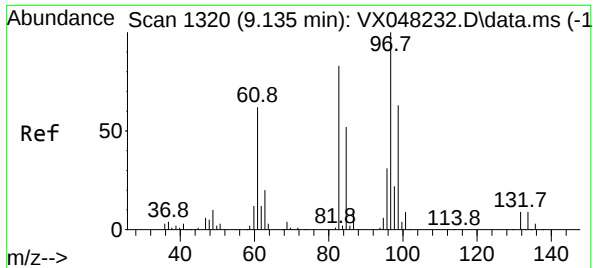
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#54
cis-1,3-Dichloropropene
Concen: 48.389 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 75 Resp: 123422
Ion Ratio Lower Upper
75 100
77 30.7 24.9 37.3
39 53.7 42.6 64.0





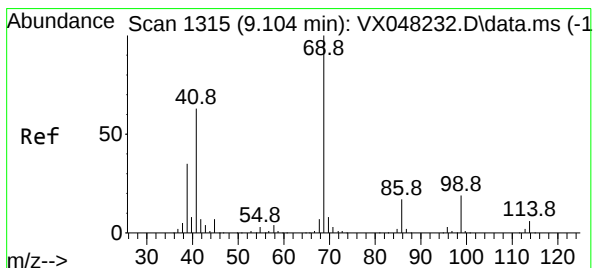
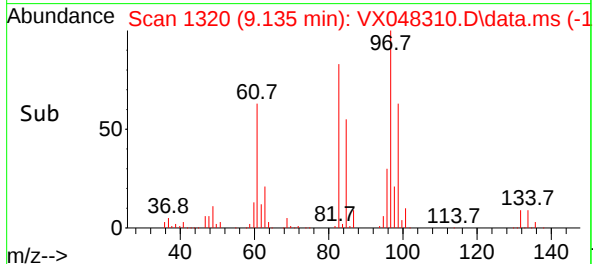
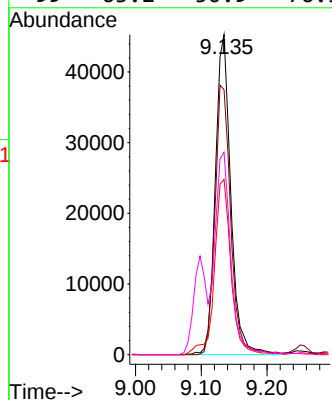
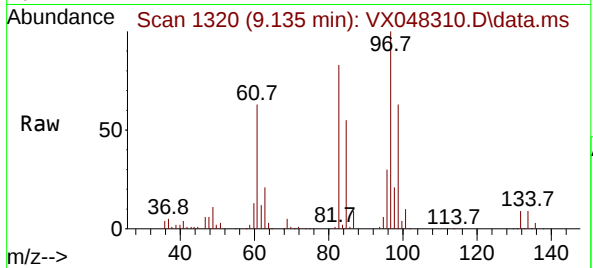
#55
1,1,2-Trichloroethane
Concen: 51.249 ug/l
RT: 9.135 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 7426
Ion Ratio Lower Upper
97 100
83 82.8 70.6 105.8
85 54.7 45.0 67.6
99 63.2 50.9 76.3

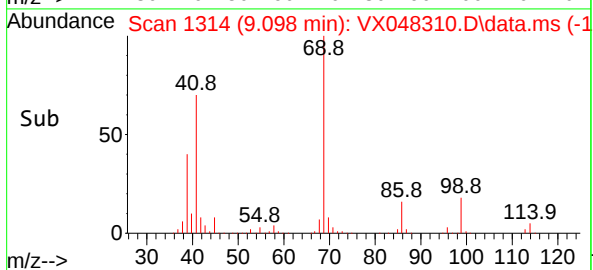
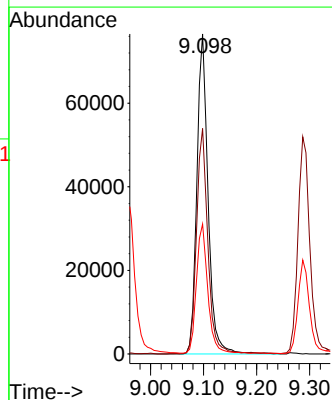
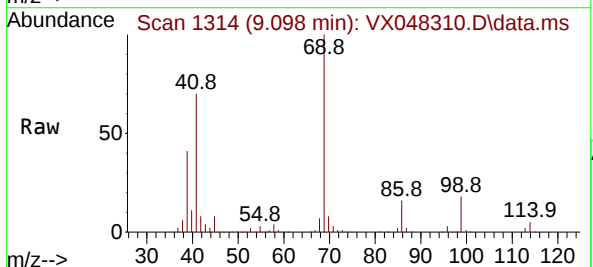
Manual Integrations
APPROVED

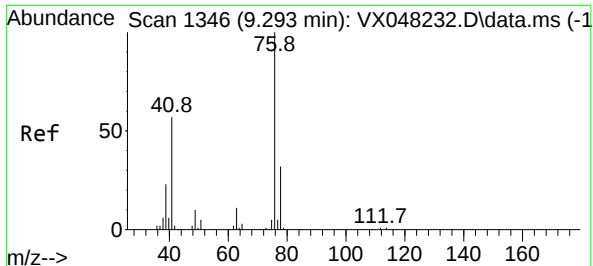
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#56
Ethyl methacrylate
Concen: 52.964 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 69 Resp: 112264
Ion Ratio Lower Upper
69 100
41 72.0 56.0 84.0
39 40.9 31.6 47.4





#57

1,3-Dichloropropane

Concen: 52.020 ug/l

RT: 9.287 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048310.D

Acq: 23 Oct 2025 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12876

Ion Ratio Lower Upper

76 100

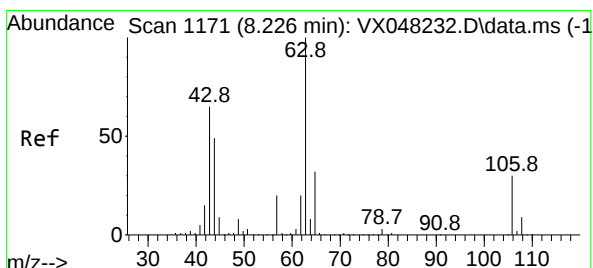
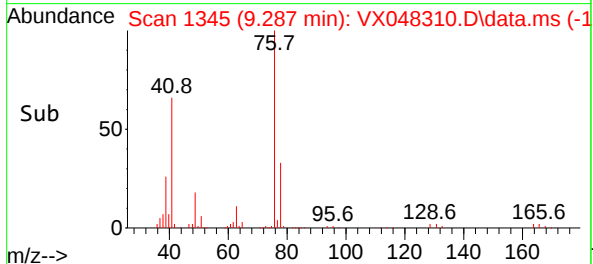
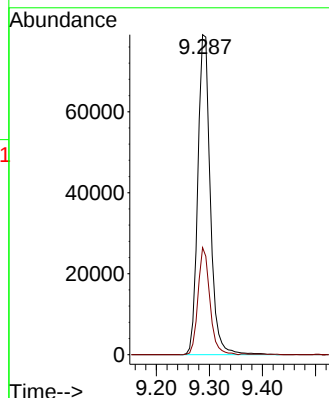
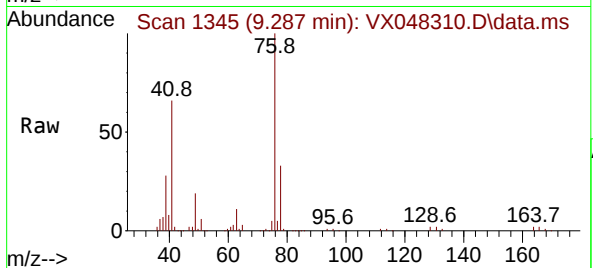
78 31.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 285.356 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048310.D

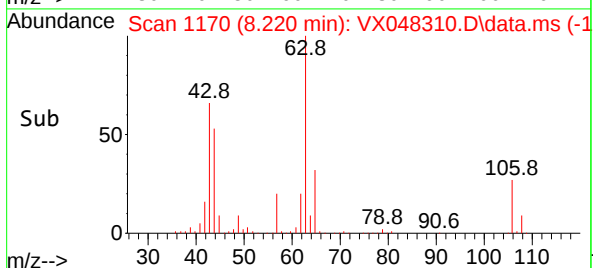
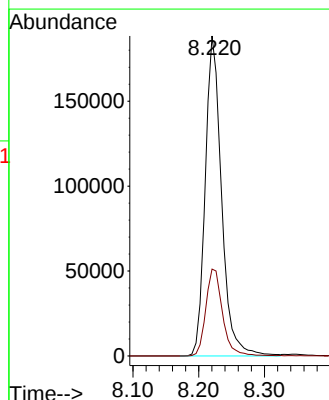
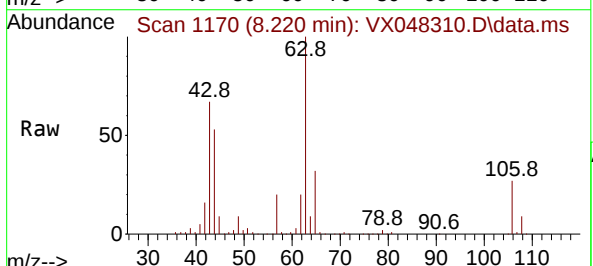
Acq: 23 Oct 2025 09:20

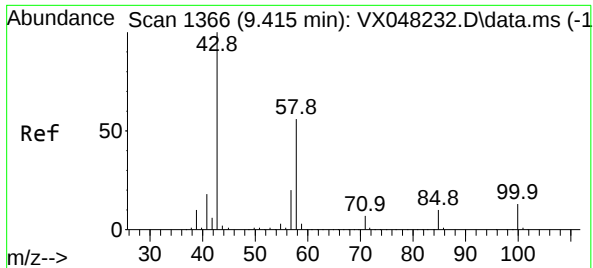
Tgt Ion: 63 Resp: 325505

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2





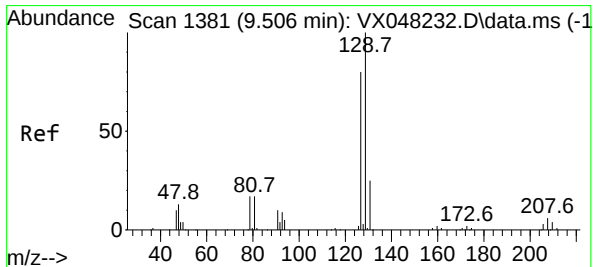
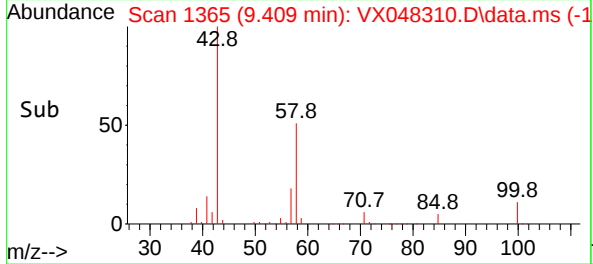
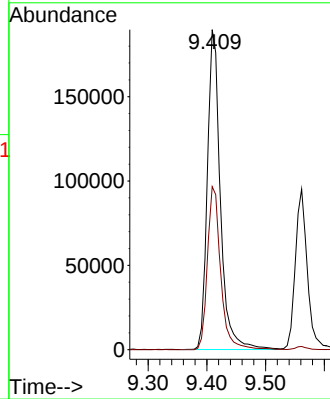
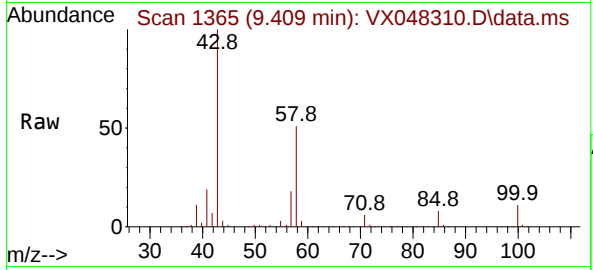
#59
2-Hexanone
Concen: 252.390 ug/l
RT: 9.409 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 29188
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.8

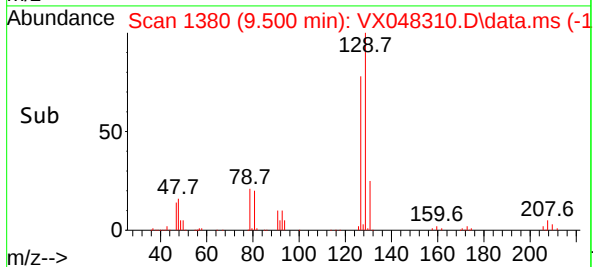
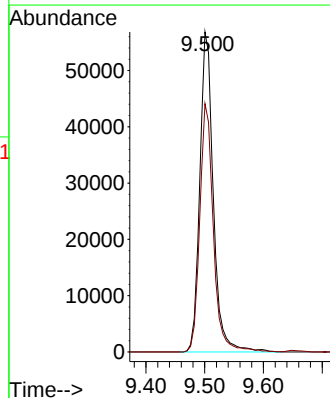
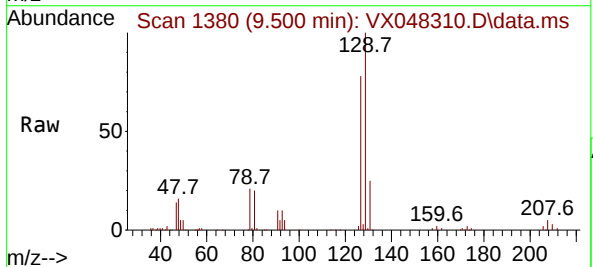
Manual Integrations
APPROVED

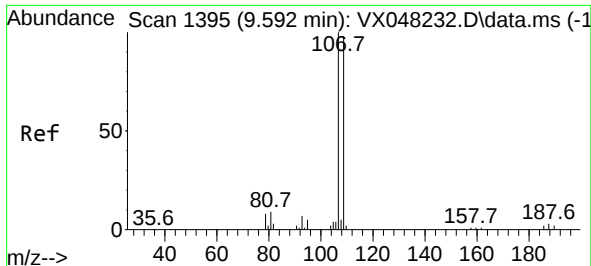
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
Dibromochloromethane
Concen: 46.710 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

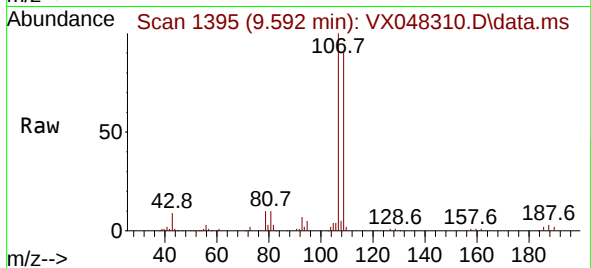
Tgt Ion:129 Resp: 90981
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 50.949 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

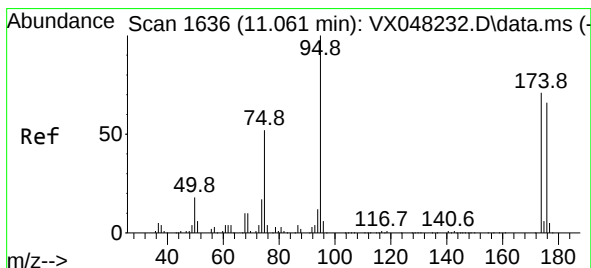
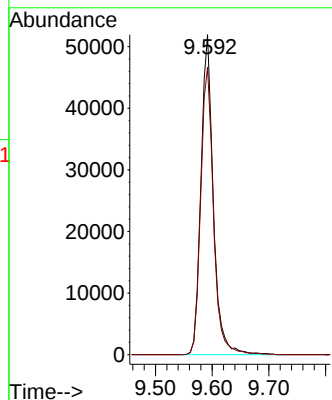
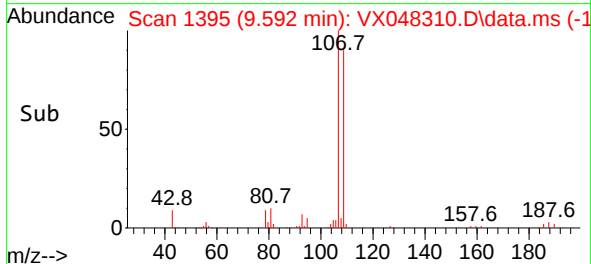
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



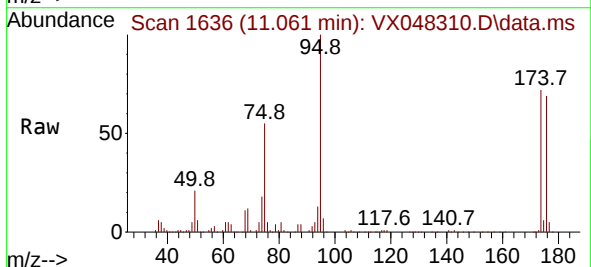
Tgt Ion:107 Resp: 78712
Ion Ratio Lower Upper
107 100
109 92.8 77.0 115.4

Manual Integrations
APPROVED

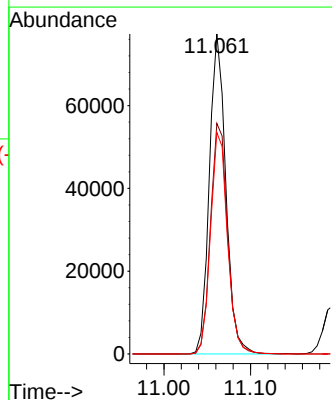
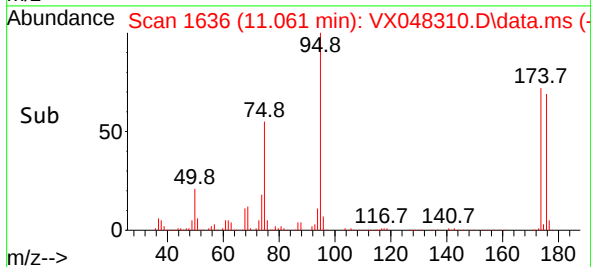
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

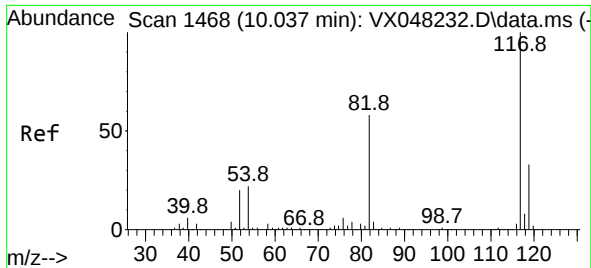


#62
4-Bromofluorobenzene
Concen: 51.423 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20



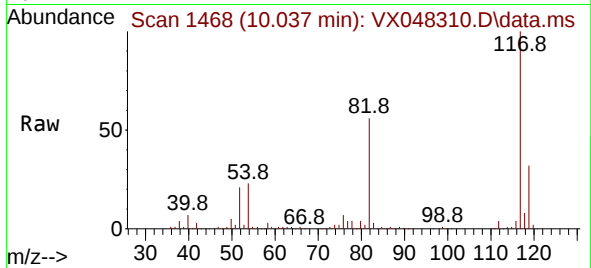
Tgt Ion: 95 Resp: 101926
Ion Ratio Lower Upper
95 100
174 74.7 0.0 147.8
176 71.3 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

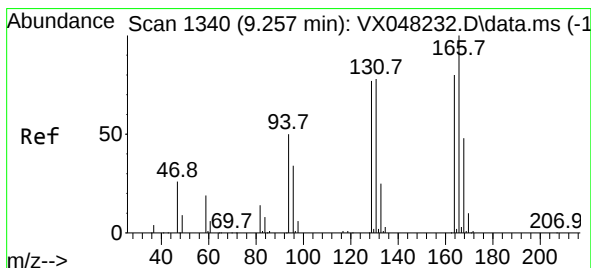
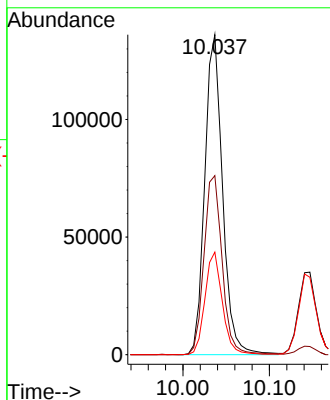
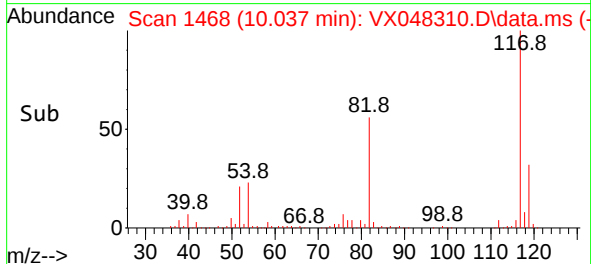
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 194500
Ion Ratio Lower Upper
117 100
82 55.9 46.5 69.7
119 32.0 25.9 38.9

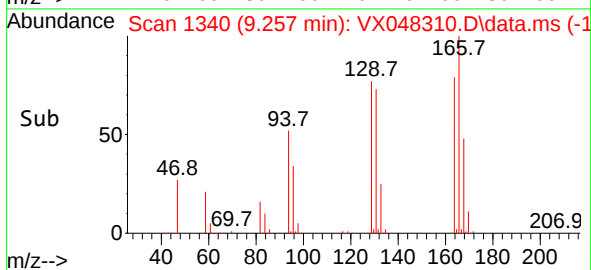
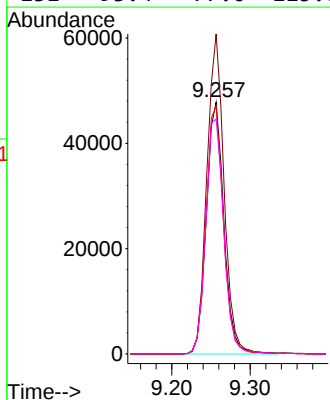
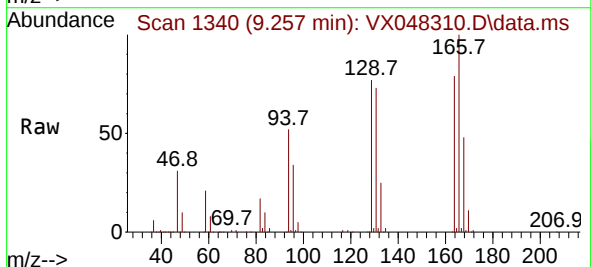
Manual Integrations
APPROVED

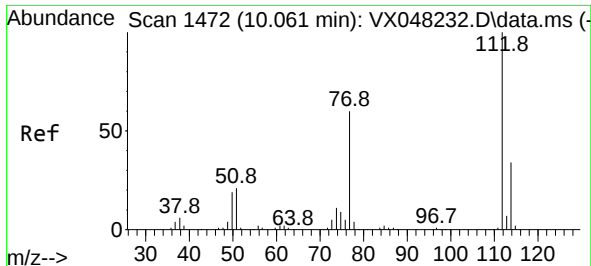
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 51.013 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

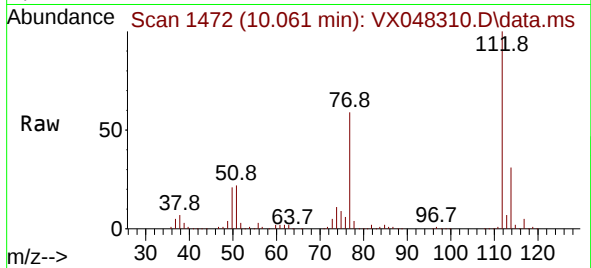
Tgt Ion:164 Resp: 74073
Ion Ratio Lower Upper
164 100
166 127.2 104.5 156.7
129 98.5 81.8 122.6
131 93.4 77.0 115.6





#65
Chlorobenzene
Concen: 49.441 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

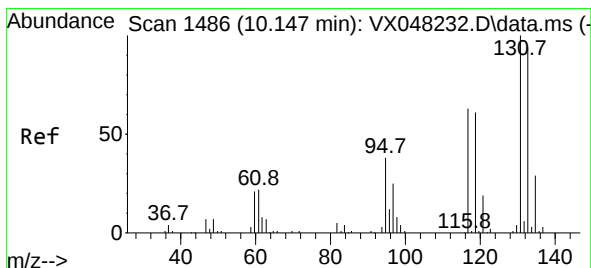
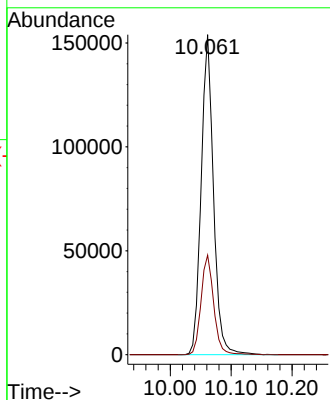
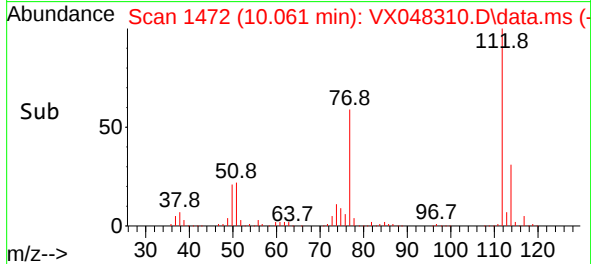
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



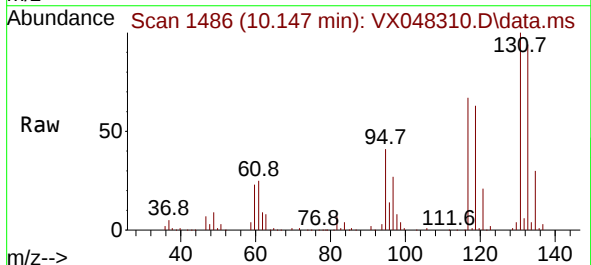
Tgt Ion:112 Resp: 21632
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2

Manual Integrations
APPROVED

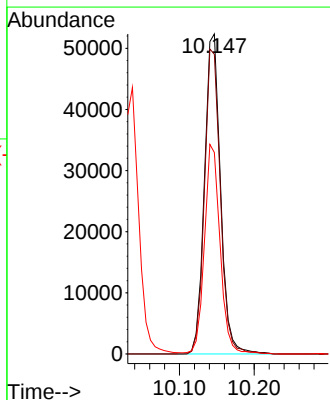
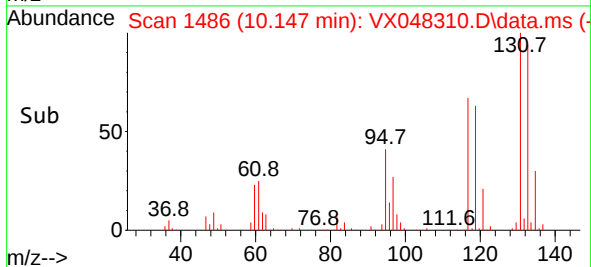
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

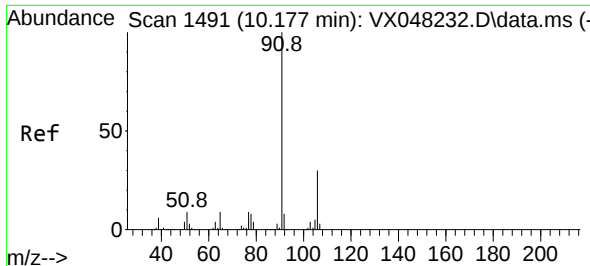


#66
1,1,1,2-Tetrachloroethane
Concen: 48.607 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20



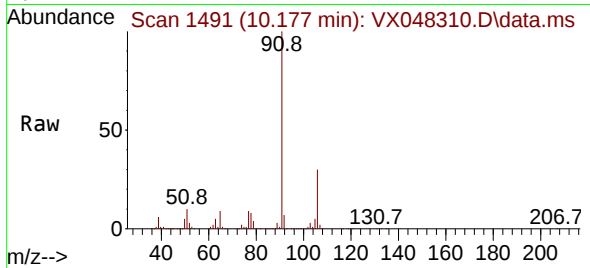
Tgt Ion:131 Resp: 78116
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.8
119 63.9 32.5 97.5





#67
Ethyl Benzene
Concen: 50.671 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

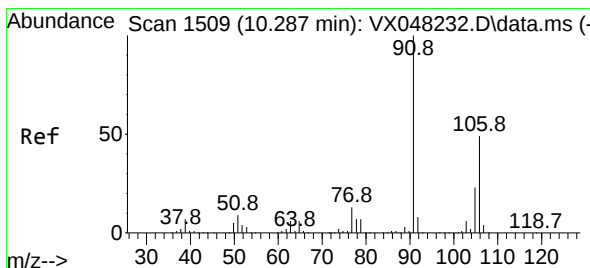
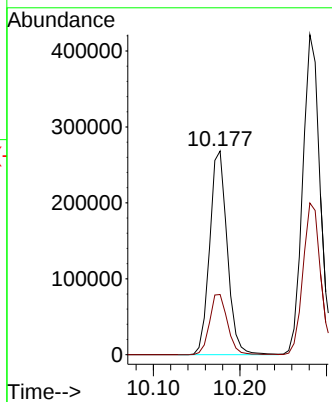
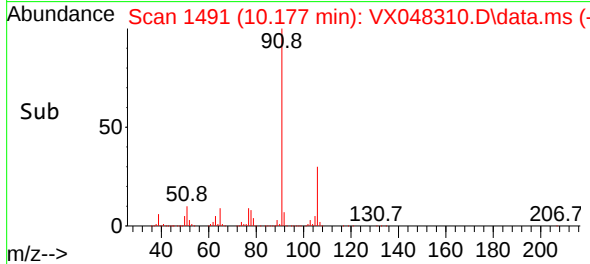
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



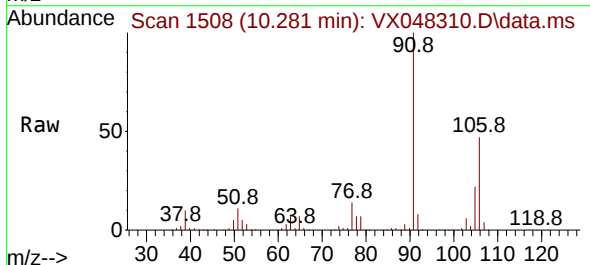
Tgt Ion: 91 Resp: 377472
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6

Manual Integrations
APPROVED

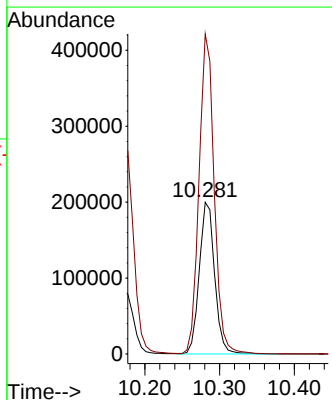
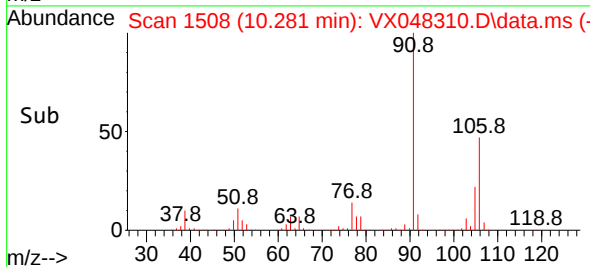
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

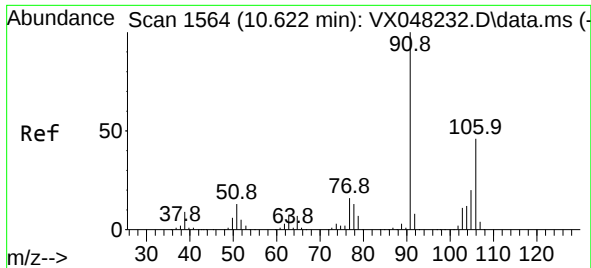


#68
m/p-Xylenes
Concen: 102.795 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20



Tgt Ion:106 Resp: 284521
Ion Ratio Lower Upper
106 100
91 208.5 167.9 251.9





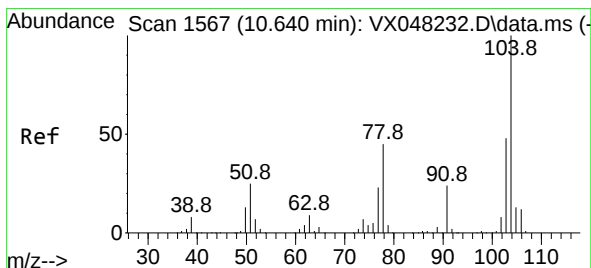
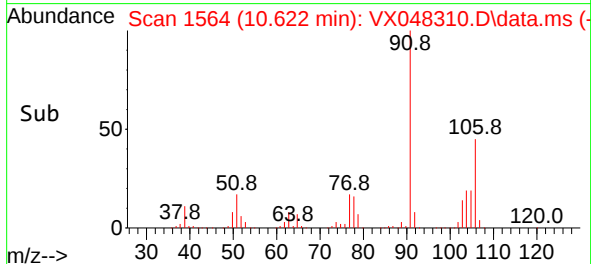
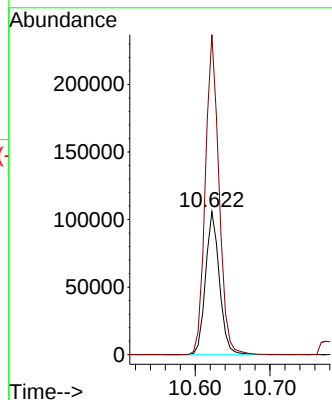
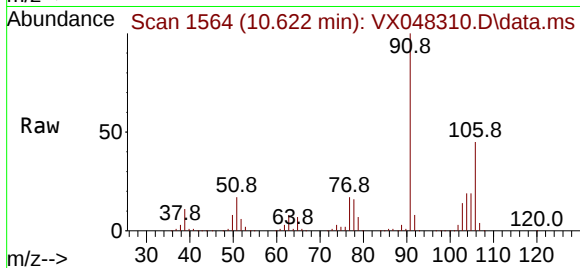
#69
o-Xylene
Concen: 50.804 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 135758
Ion Ratio Lower Upper
106 100
91 221.1 111.3 333.9

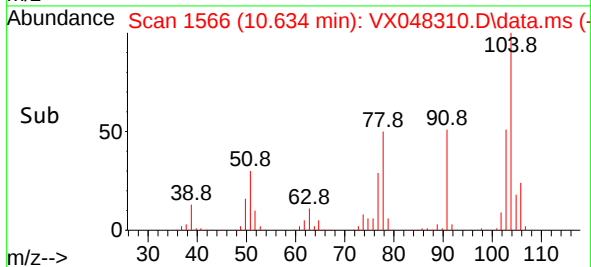
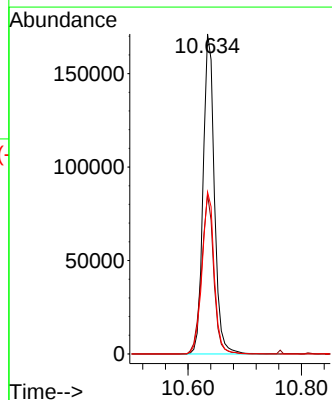
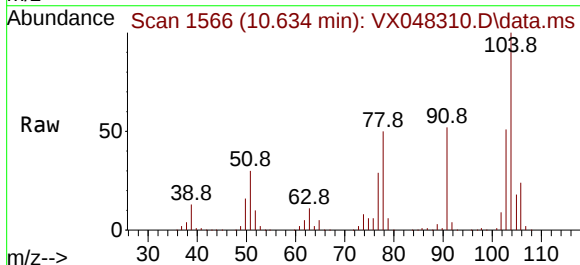
Manual Integrations
APPROVED

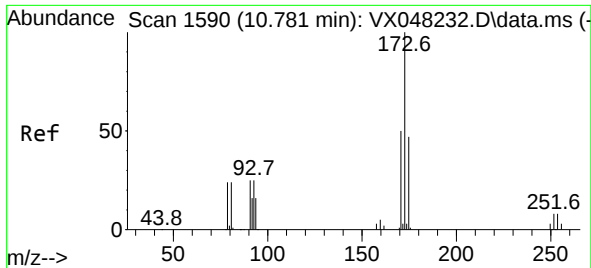
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 51.886 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

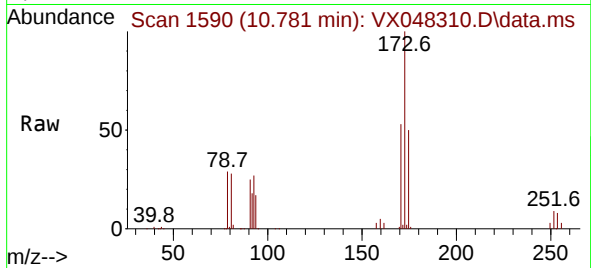
Tgt Ion:104 Resp: 236085
Ion Ratio Lower Upper
104 100
78 53.6 42.2 63.4
103 54.5 43.0 64.4





#71
Bromoform
Concen: 42.819 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

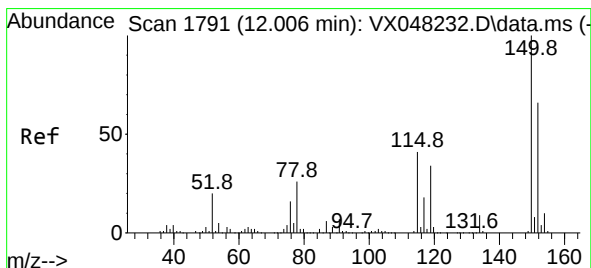
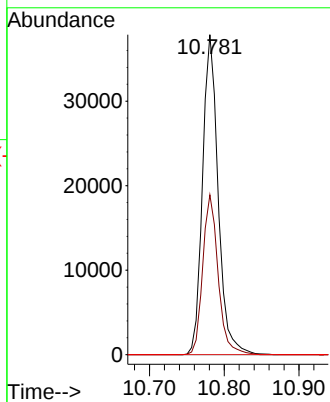
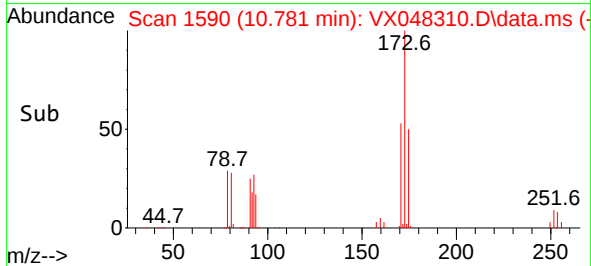
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



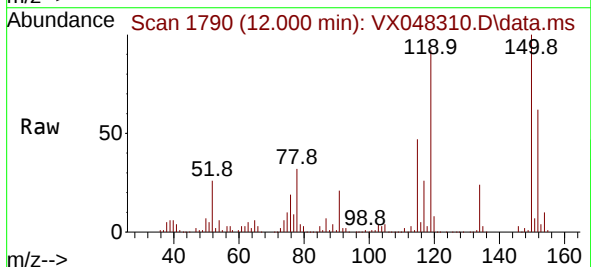
Tgt Ion:173 Resp: 5499
Ion Ratio Lower Upper
173 100
175 49.3 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

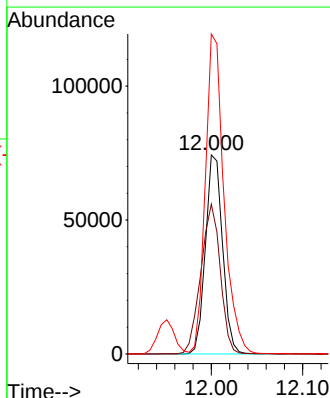
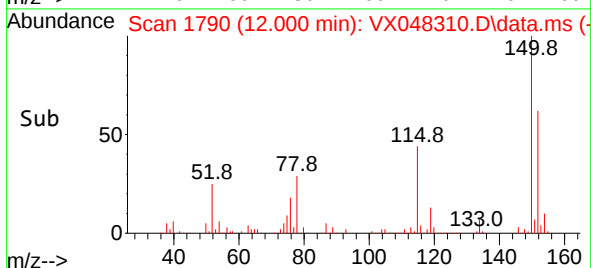
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

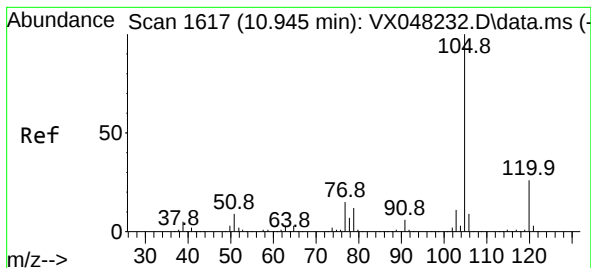


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20



Tgt Ion:152 Resp: 96157
Ion Ratio Lower Upper
152 100
115 86.0 43.1 129.4
150 174.4 0.0 353.0





#73

Isopropylbenzene

Concen: 50.305 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VX048310.D

Acq: 23 Oct 2025 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 353305

Ion Ratio Lower Upper

105 100

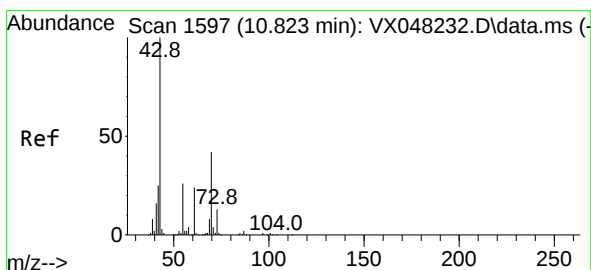
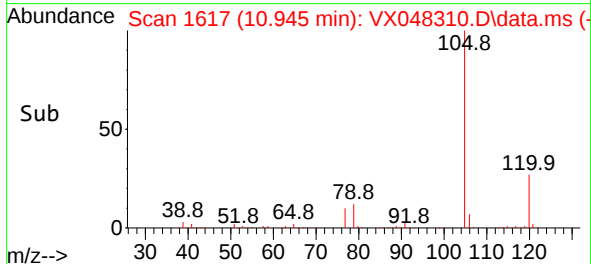
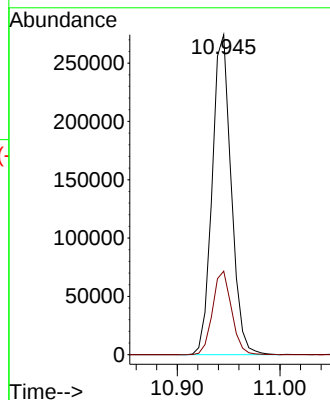
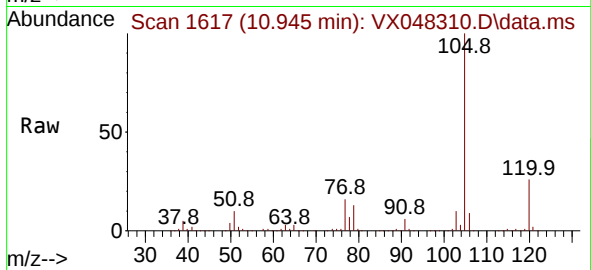
120 26.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#74

N-ethyl acetate

Concen: 57.644 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. 0.000 min

Lab File: VX048310.D

Acq: 23 Oct 2025 09:20

Tgt Ion: 43 Resp: 143605

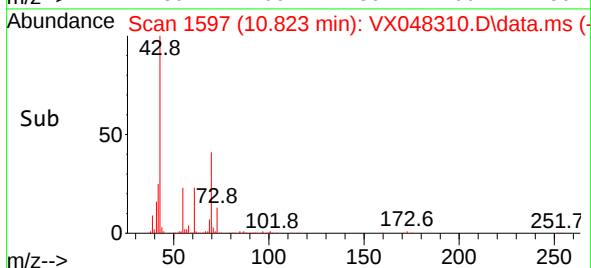
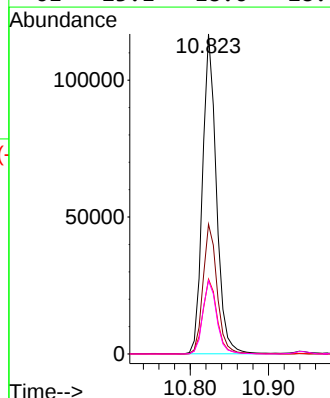
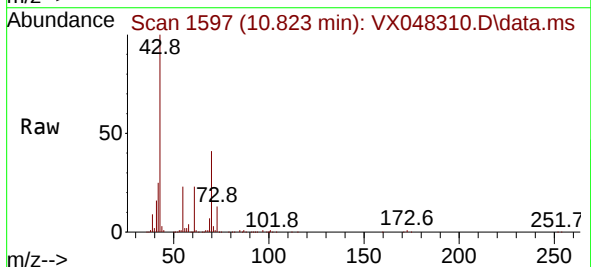
Ion Ratio Lower Upper

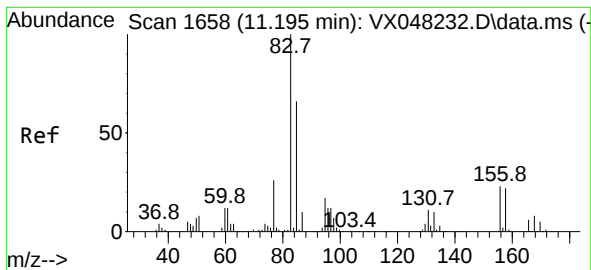
43 100

70 41.2 32.2 48.2

55 24.0 19.1 28.7

61 23.1 18.6 28.0





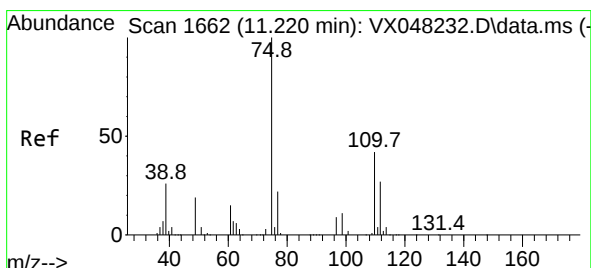
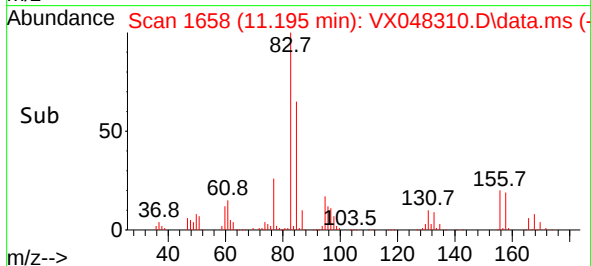
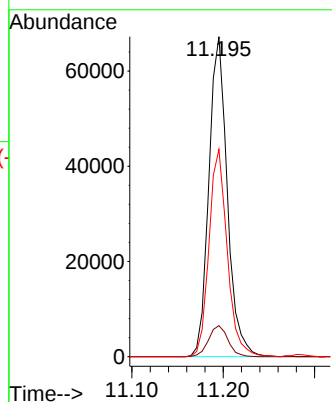
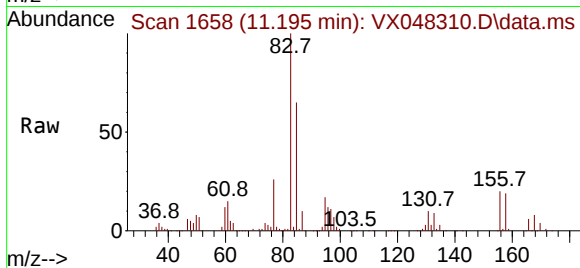
#75
1,1,2,2-Tetrachloroethane
Concen: 49.003 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9398
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.4
85 64.1 31.9 95.7

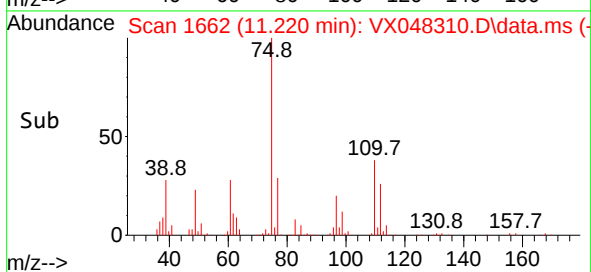
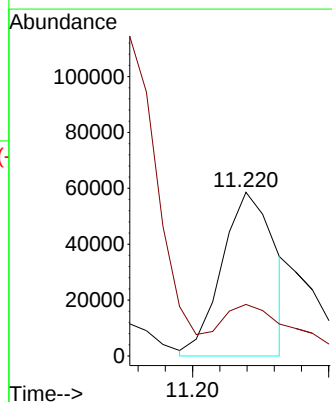
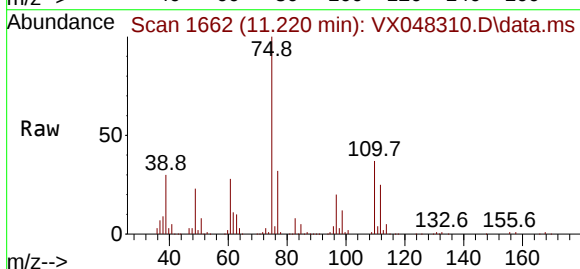
Manual Integrations
APPROVED

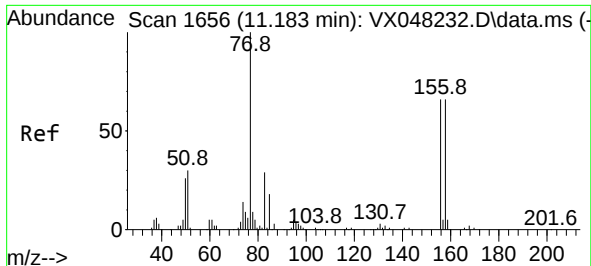
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 50.383 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

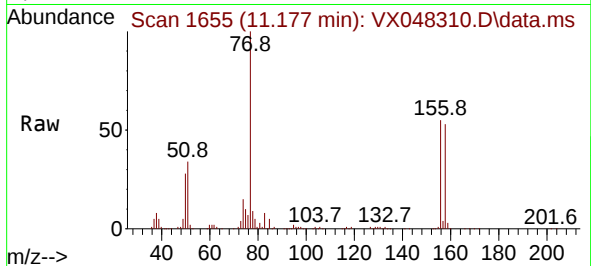
Tgt Ion: 75 Resp: 78565
Ion Ratio Lower Upper
75 100
77 44.3 22.4 67.2





#77
Bromobenzene
Concen: 49.602 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

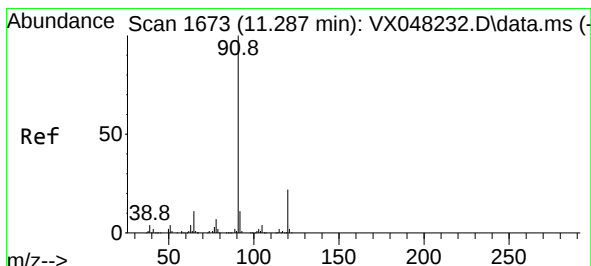
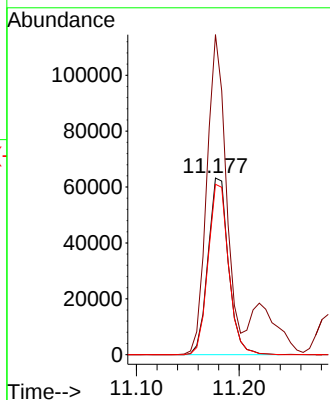
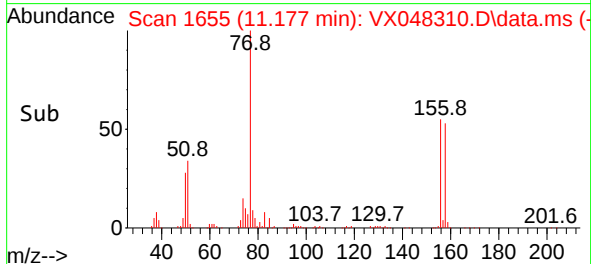
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 8735
Ion Ratio Lower Upper
156 100
77 170.5 87.0 261.0
158 96.7 47.8 143.4

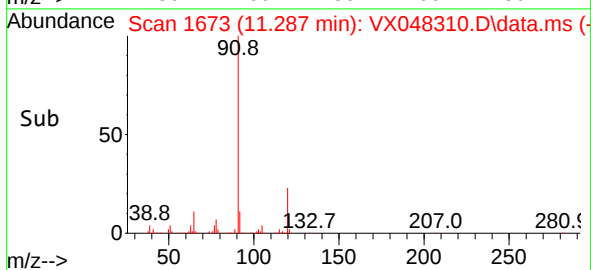
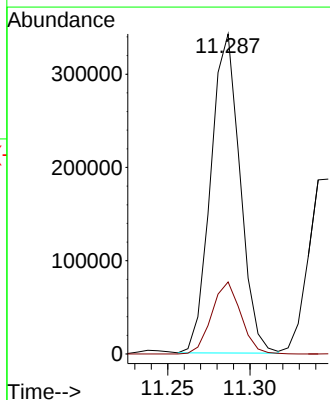
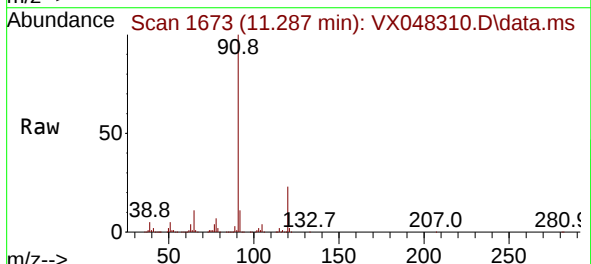
Manual Integrations
APPROVED

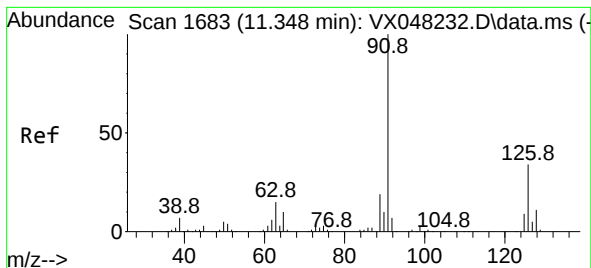
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#78
n-propylbenzene
Concen: 52.232 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Tgt Ion: 91 Resp: 424738
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1





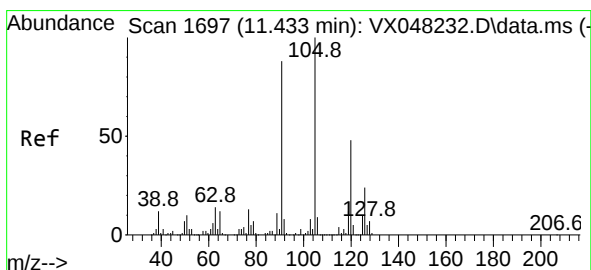
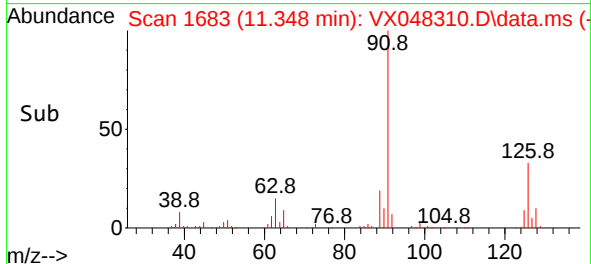
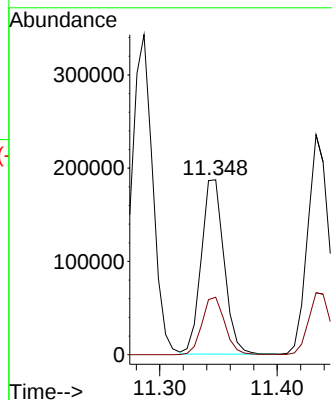
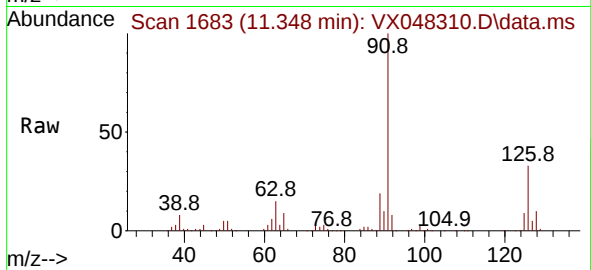
#79
2-Chlorotoluene
Concen: 51.174 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 252299
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4

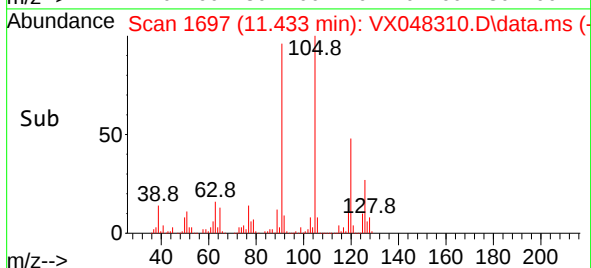
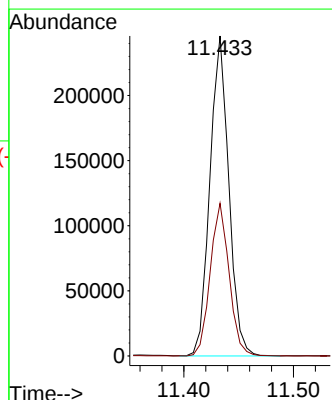
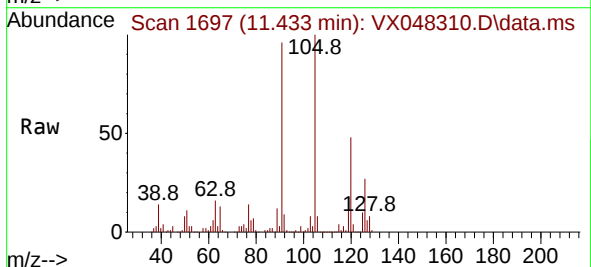
Manual Integrations
APPROVED

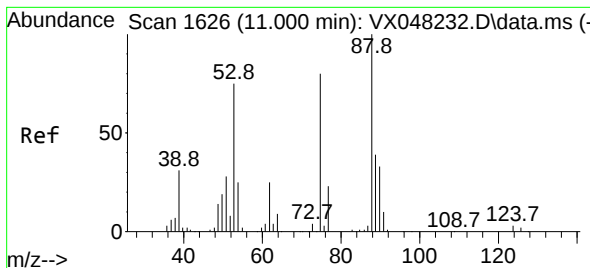
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.600 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

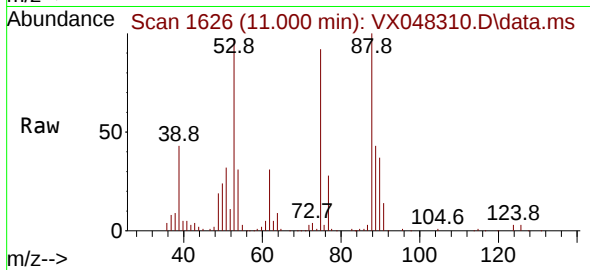
Tgt Ion:105 Resp: 294093
Ion Ratio Lower Upper
105 100
120 47.8 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 36.979 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

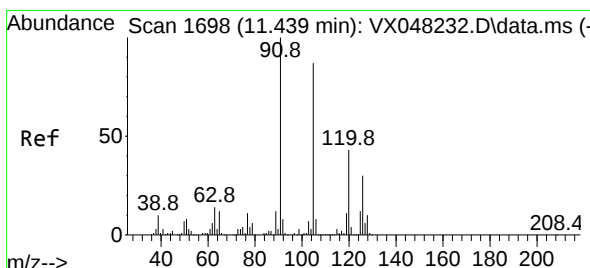
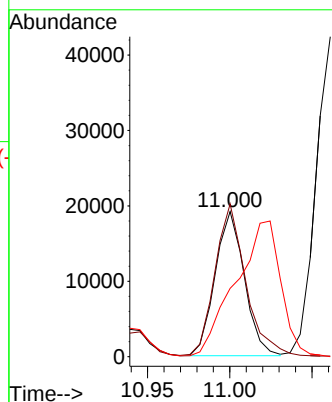
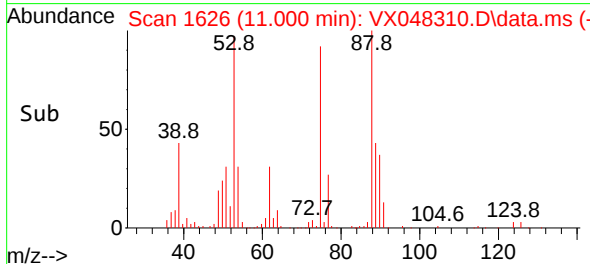
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



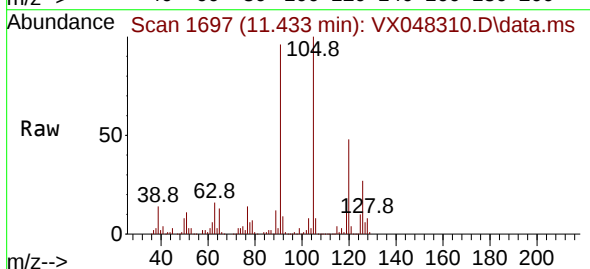
Tgt Ion: 75 Resp: 2370
Ion Ratio Lower Upper
75 100
53 111.5 79.5 119.3
89 0.0 36.8 55.2

Manual Integrations
APPROVED

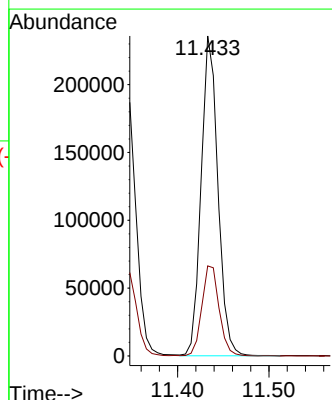
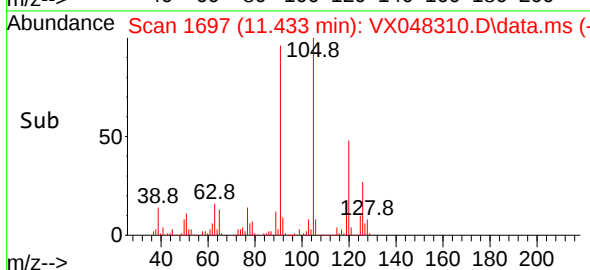
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

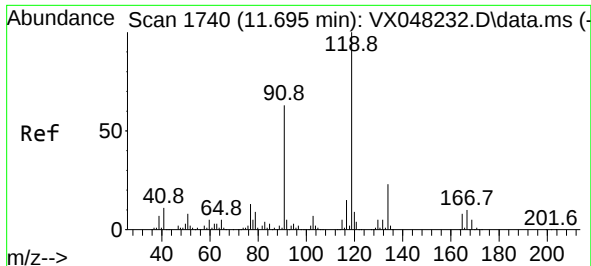


#82
4-Chlorotoluene
Concen: 51.219 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20



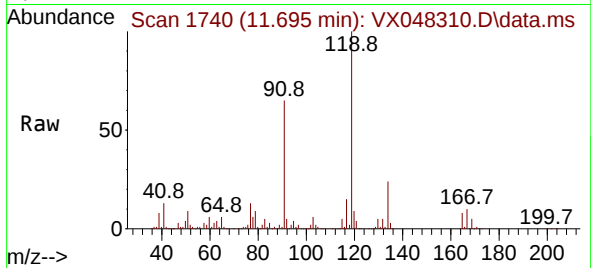
Tgt Ion: 91 Resp: 299763
Ion Ratio Lower Upper
91 100
126 29.1 14.1 42.4





#83
tert-Butylbenzene
Concen: 47.647 ug/l
RT: 11.695 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

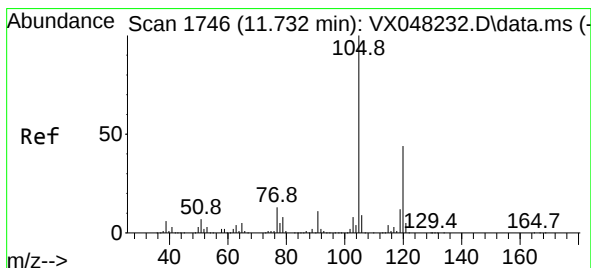
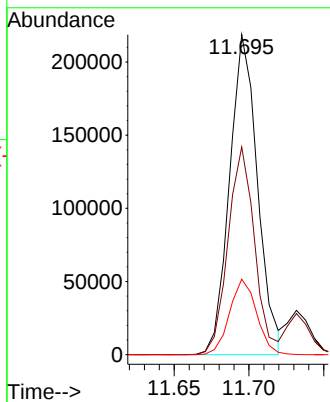
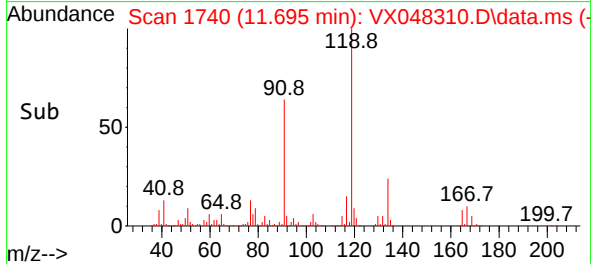
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 284534
Ion Ratio Lower Upper
119 100
91 61.6 30.3 91.0
134 22.8 11.4 34.2

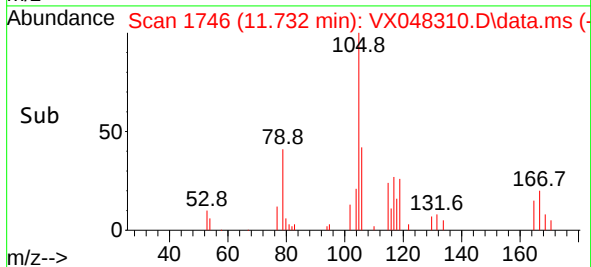
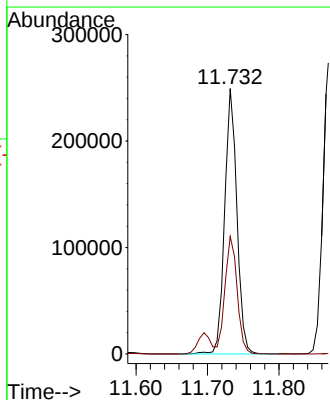
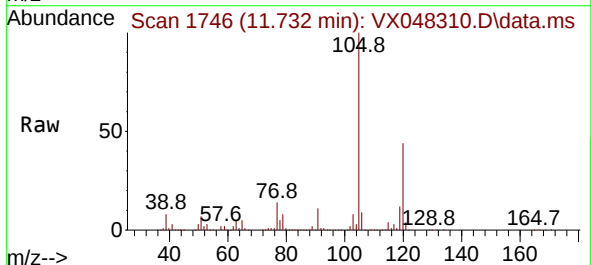
Manual Integrations
APPROVED

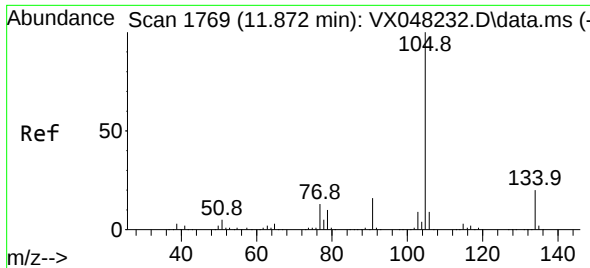
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#84
1,2,4-Trimethylbenzene
Concen: 51.090 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

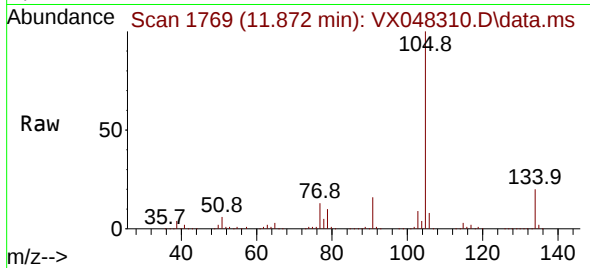
Tgt Ion:105 Resp: 296345
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 50.475 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048310.D
 Acq: 23 Oct 2025 09:20

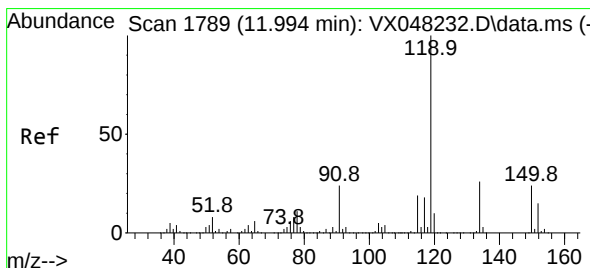
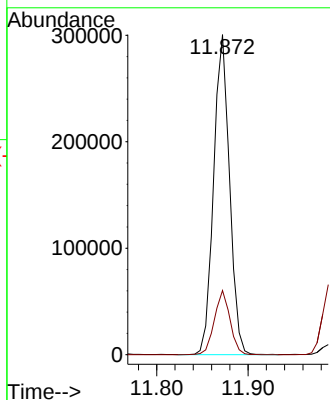
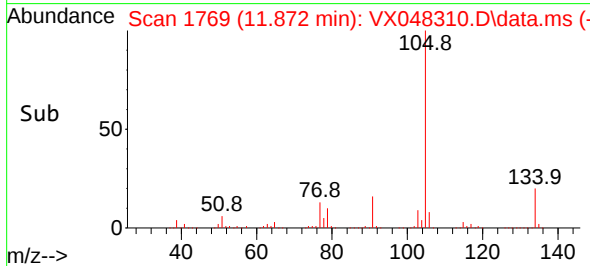
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



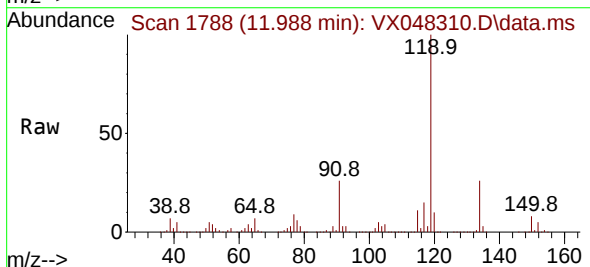
Tgt Ion:105 Resp: 362649
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1

Manual Integrations
 APPROVED

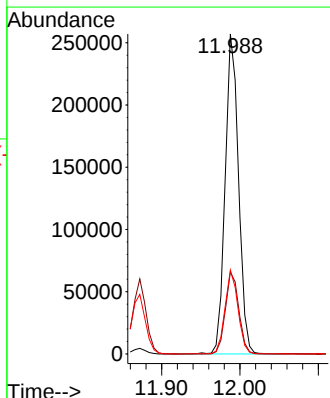
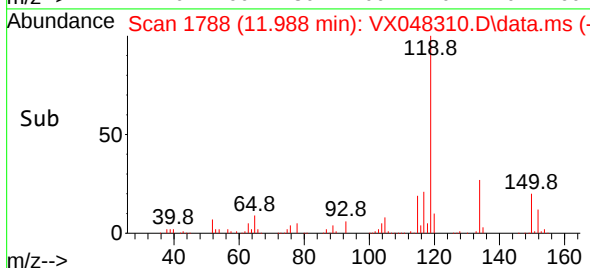
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

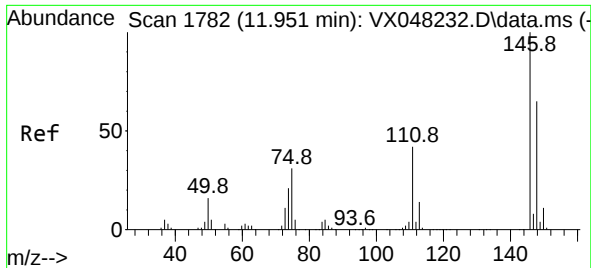


#86
 p-Isopropyltoluene
 Concen: 49.276 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048310.D
 Acq: 23 Oct 2025 09:20



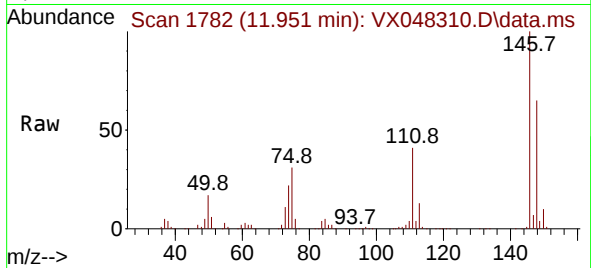
Tgt Ion:119 Resp: 306009
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 25.4 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 48.772 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

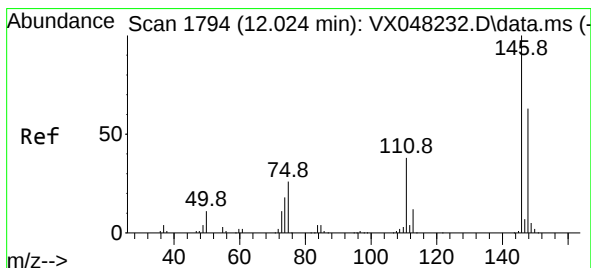
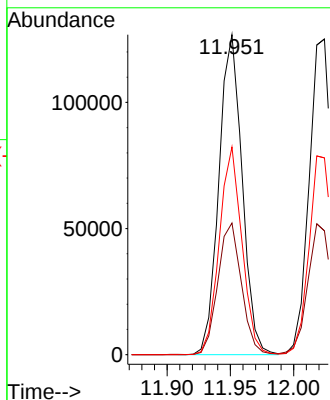
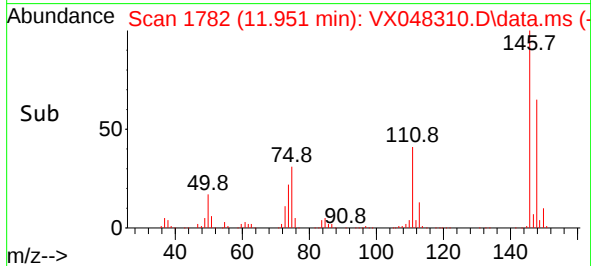
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



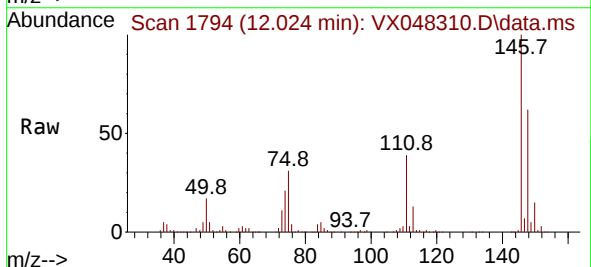
Tgt Ion:146 Resp: 161910
Ion Ratio Lower Upper
146 100
111 41.9 20.4 61.2
148 63.3 31.9 95.9

Manual Integrations
APPROVED

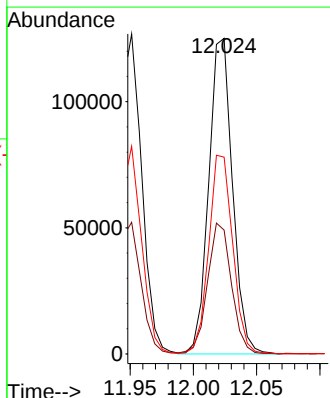
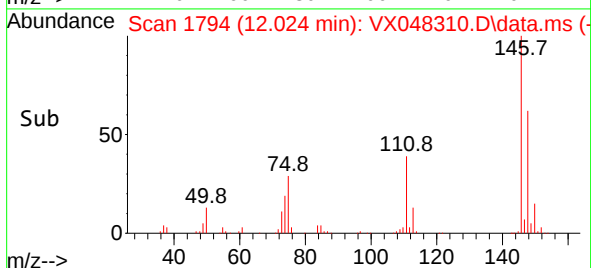
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

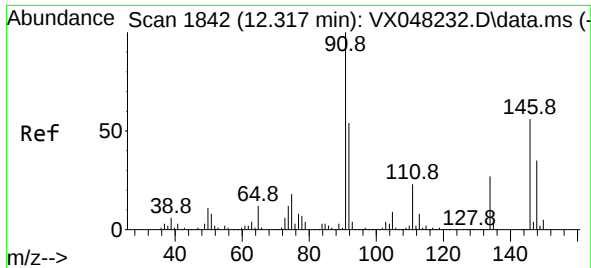


#88
1,4-Dichlorobenzene
Concen: 47.582 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20



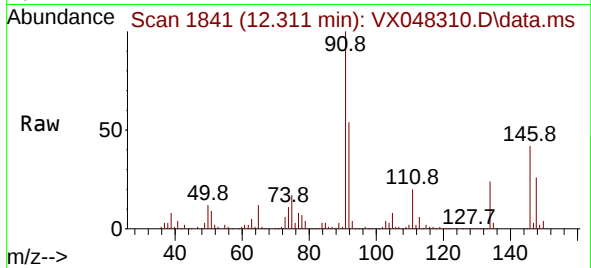
Tgt Ion:146 Resp: 163646
Ion Ratio Lower Upper
146 100
111 41.7 20.1 60.2
148 63.5 31.8 95.3





#89
n-Butylbenzene
Concen: 50.464 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

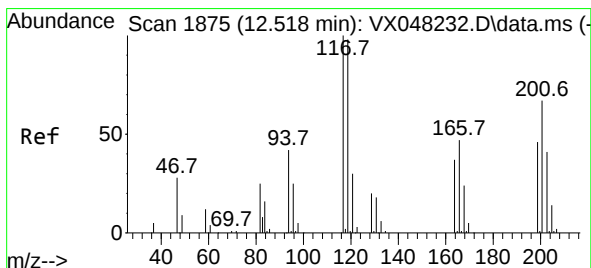
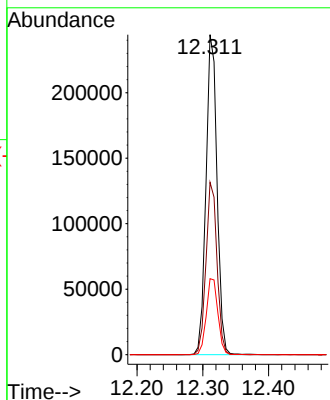
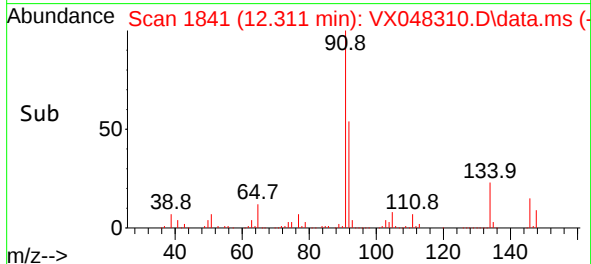
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 28524
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.6
134 24.9 12.7 38.1

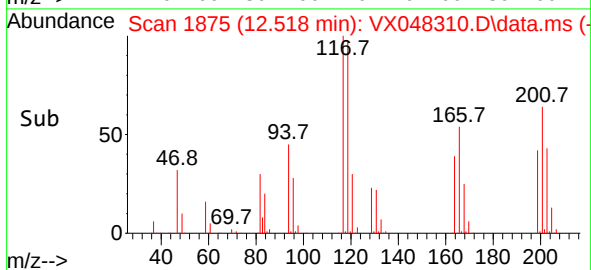
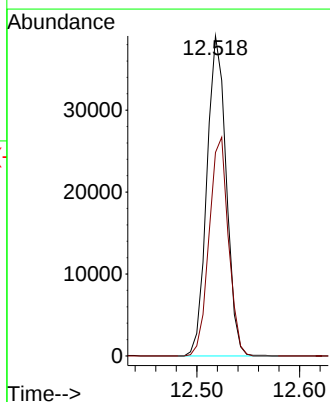
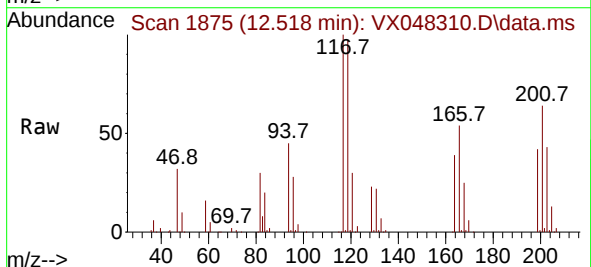
Manual Integrations
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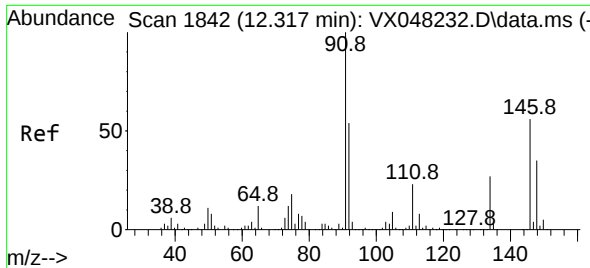
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachloroethane
Concen: 41.797 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

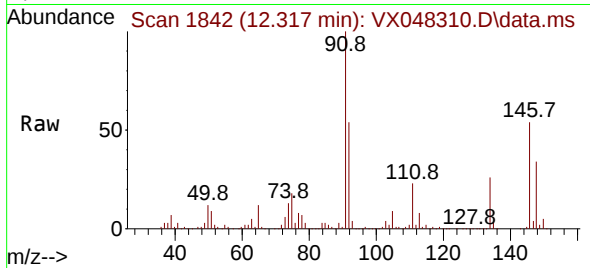
Tgt Ion:117 Resp: 51257
Ion Ratio Lower Upper
117 100
201 68.0 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 49.434 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

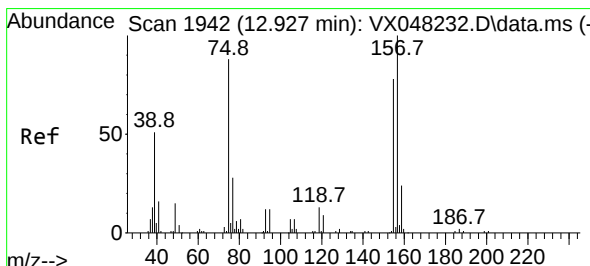
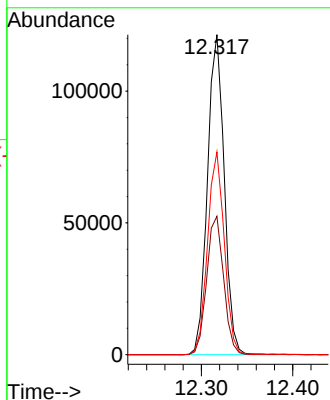
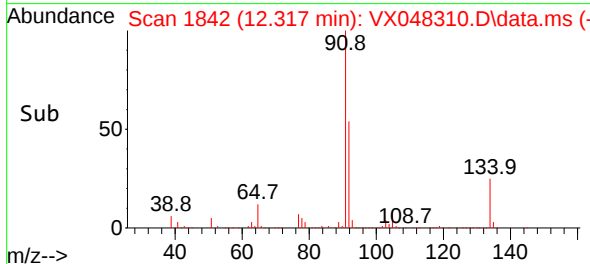
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



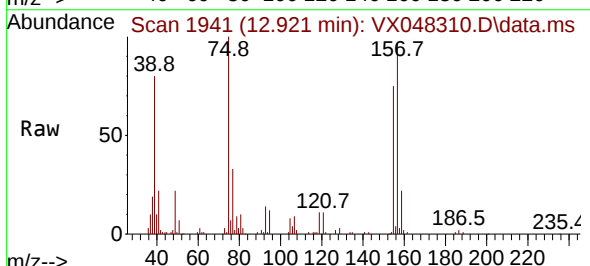
Tgt Ion:146 Resp: 15408
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.5
148 63.2 31.9 95.5

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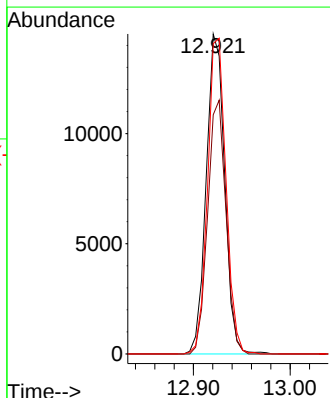
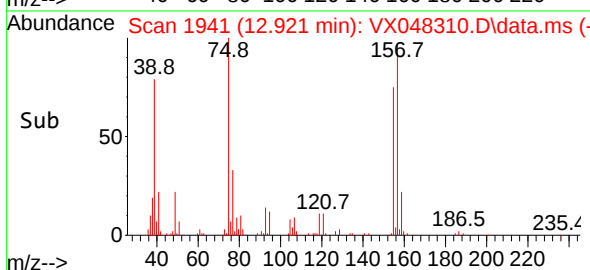
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

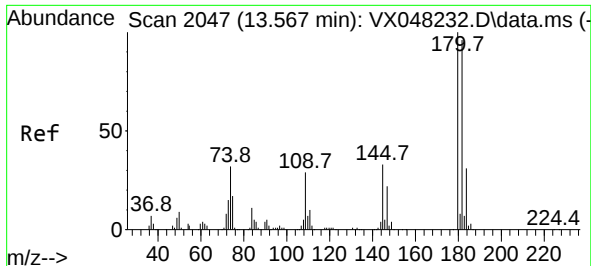


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.543 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20



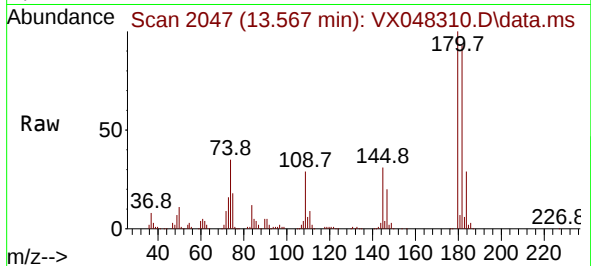
Tgt Ion: 75 Resp: 19288
Ion Ratio Lower Upper
75 100
155 78.6 42.8 128.4
157 98.4 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 49.053 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

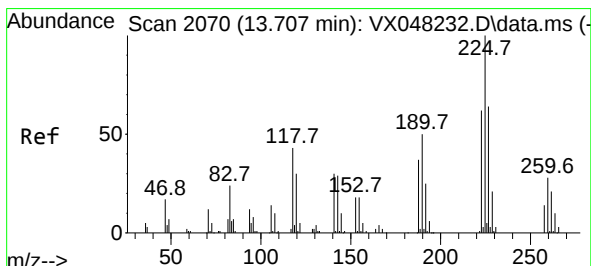
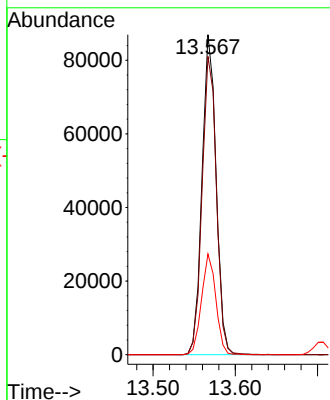
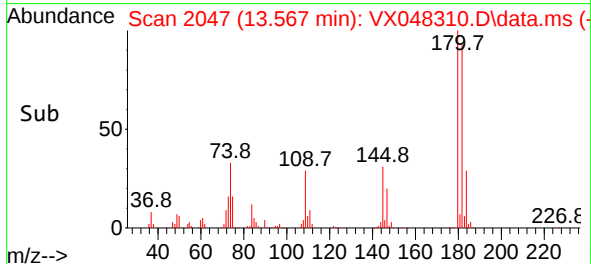
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



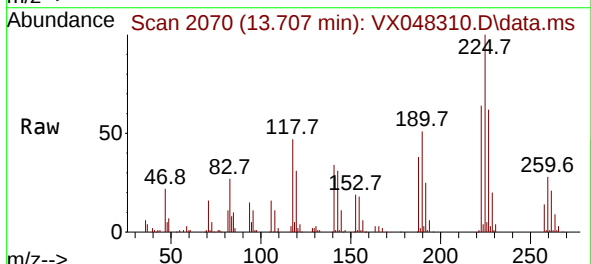
Tgt Ion:180 Resp: 103399
Ion Ratio Lower Upper
180 100
182 94.6 47.3 142.0
145 31.9 16.3 48.9

Manual Integrations
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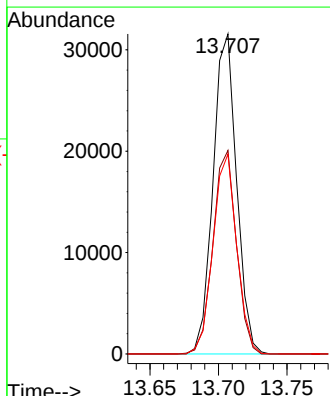
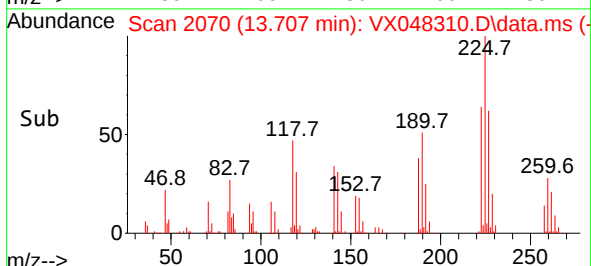
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

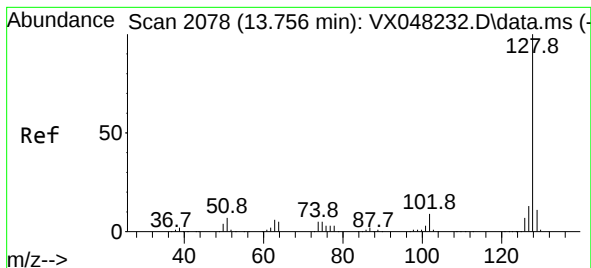


#94
Hexachlorobutadiene
Concen: 47.685 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20



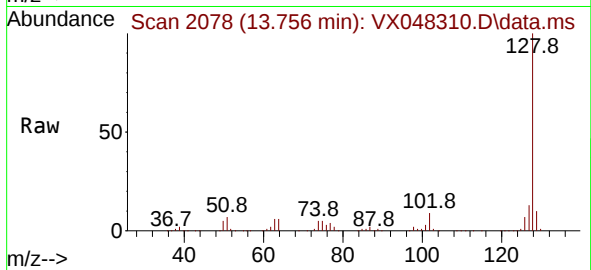
Tgt Ion:225 Resp: 37663
Ion Ratio Lower Upper
225 100
223 63.5 32.6 97.7
227 62.9 32.5 97.4





#95
Naphthalene
Concen: 50.454 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20

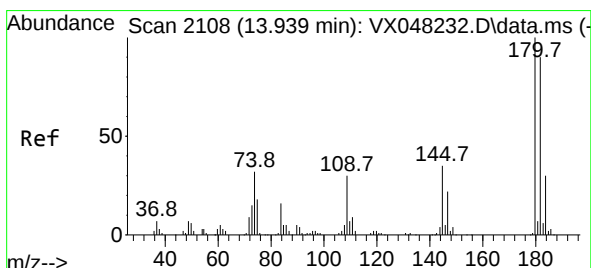
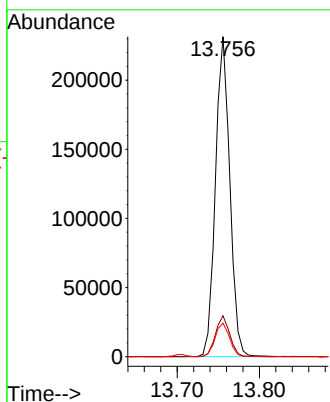
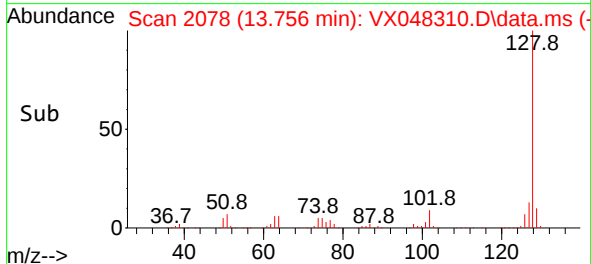
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



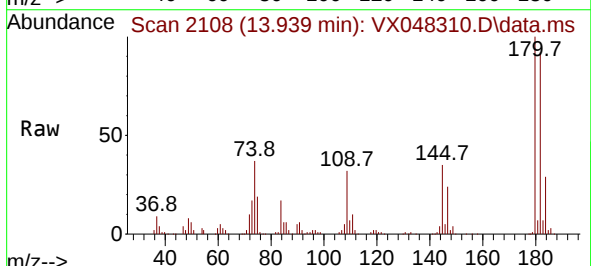
Tgt Ion:128 Resp: 281760
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.6 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.348 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048310.D
Acq: 23 Oct 2025 09:20



Tgt Ion:180 Resp: 93518
Ion Ratio Lower Upper
180 100
182 94.7 46.6 139.7
145 34.9 16.9 50.7

