

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048308.D
 Acq On : 22 Oct 2025 18:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 05:58:30 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	5.544	168	165808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	262018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	162404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	79762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	98371	42.315	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.620%		
35) Dibromofluoromethane	5.373	113	77200	43.158	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.320%		
50) Toluene-d8	8.635	98	306881	48.945	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.900%		
62) 4-Bromofluorobenzene	11.061	95	79463	33.314	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	66.620%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	66177	38.824	ug/l	97
3) Chloromethane	1.301	50	37608	23.638	ug/l	95
4) Vinyl Chloride	1.380	62	91377	62.022	ug/l	100
5) Bromomethane	1.612	94	32351	32.356	ug/l	97
6) Chloroethane	1.697	64	56587	65.362	ug/l	94
7) Trichlorofluoromethane	1.898	101	146591	51.880	ug/l	99
8) Diethyl Ether	2.136	74	53679	67.517	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	60114	33.597	ug/l	94
10) Methyl Iodide	2.459	142	181583	80.726	ug/l	99
11) Tert butyl alcohol	2.941	59	32336	140.093	ug/l	99
12) 1,1-Dichloroethene	2.325	96	62980	36.180	ug/l	92
13) Acrolein	2.233	56	74306	315.647	ug/l	99
14) Allyl chloride	2.666	41	79895	27.644	ug/l	91
15) Acrylonitrile	3.056	53	114921	138.075	ug/l	100
16) Acetone	2.374	43	95807	120.131	ug/l	98
17) Carbon Disulfide	2.514	76	139872	25.495	ug/l	98
18) Methyl Acetate	2.697	43	59506	35.728	ug/l	94
19) Methyl tert-butyl Ether	3.105	73	185328	31.207	ug/l	96
20) Methylene Chloride	2.788	84	57361	29.518	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	57282	29.957	ug/l	97
22) Diisopropyl ether	3.751	45	291884	50.635	ug/l	96
23) Vinyl Acetate	3.715	43	1110692	241.211	ug/l	97
24) 1,1-Dichloroethane	3.605	63	110925	31.824	ug/l	99
25) 2-Butanone	4.538	43	228459	226.319	ug/l	97
26) 2,2-Dichloropropane	4.471	77	135695	43.131	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	109379	49.014	ug/l	96
28) Bromochloromethane	4.891	49	75080	51.950	ug/l	96
29) Tetrahydrofuran	4.989	42	151482	250.563	ug/l	98
30) Chloroform	5.080	83	171030	45.928	ug/l	99
31) Cyclohexane	5.458	56	143903	49.868	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	152924	44.558	ug/l	99
36) 1,1-Dichloropropene	5.678	75	115364	45.375	ug/l	99
37) Ethyl Acetate	4.702	43	115541	54.827	ug/l	95
38) Carbon Tetrachloride	5.666	117	127792	40.741	ug/l	95
39) Methylcyclohexane	7.367	83	142533	47.470	ug/l	94
40) Benzene	6.025	78	339549	46.000	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	56448	51.006	ug/l	97
42) 1,2-Dichloroethane	6.074	62	124472	45.697	ug/l	100
43) Isopropyl Acetate	6.324	43	179767	51.932	ug/l	97
44) Trichloroethene	7.111	130	92885	47.655	ug/l	95
45) 1,2-Dichloropropane	7.415	63	88398	50.369	ug/l	98
46) Dibromomethane	7.568	93	61658	45.095	ug/l	94
47) Bromodichloromethane	7.806	83	131135	44.420	ug/l	97
48) Methyl methacrylate	7.678	41	83930	48.050	ug/l	96
49) 1,4-Dioxane	7.641	88	20301	879.716	ug/l	91
51) 4-Methyl-2-Pentanone	8.555	43	516932	259.006	ug/l	97
52) Toluene	8.702	92	226635	48.329	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	123757	43.501	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	131492	42.840	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	67181	38.524	ug/l	99
56) Ethyl methacrylate	9.098	69	114708	44.971	ug/l	94
57) 1,3-Dichloropropane	9.293	76	94925	31.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	350352	255.410	ug/l	99
59) 2-Hexanone	9.415	43	211292	151.826	ug/l	95
60) Dibromochloromethane	9.507	129	69937	29.838	ug/l	98
61) 1,2-Dibromoethane	9.592	107	57700	31.036	ug/l	97
64) Tetrachloroethene	9.257	164	62003	51.141	ug/l	98
65) Chlorobenzene	10.061	112	164147	44.931	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	61612	45.916	ug/l	97
67) Ethyl Benzene	10.177	91	285001	45.820	ug/l	99
68) m/p-Xylenes	10.287	106	217045	93.917	ug/l	100
69) o-Xylene	10.622	106	103036	46.180	ug/l	100
70) Styrene	10.640	104	177742	46.785	ug/l	99
71) Bromoform	10.781	173	45139	42.089	ug/l #	97
73) Isopropylbenzene	10.945	105	280008	48.063	ug/l	99
74) N-amyl acetate	10.823	43	94223	45.596	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	70007	44.003	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	65667m	50.768	ug/l	
77) Bromobenzene	11.183	156	70363	48.168	ug/l	93
78) n-propylbenzene	11.287	91	322187	47.765	ug/l	98
79) 2-Chlorotoluene	11.348	91	192865	47.160	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	231776	48.075	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	17468	32.856	ug/l #	93
82) 4-Chlorotoluene	11.439	91	226624	46.681	ug/l	98
83) tert-Butylbenzene	11.695	119	228741	46.177	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	230093	47.822	ug/l	99
85) sec-Butylbenzene	11.872	105	273283	45.855	ug/l	99
86) p-Isopropyltoluene	11.988	119	240774	46.741	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	122488	44.479	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	125212	43.891	ug/l	99
89) n-Butylbenzene	12.311	91	209483	44.679	ug/l	99
90) Hexachloroethane	12.518	117	37811	37.170	ug/l	88
91) 1,2-Dichlorobenzene	12.317	146	117796	45.560	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	15163	46.953	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	81717	46.736	ug/l	100
94) Hexachlorobutadiene	13.707	225	32287	49.279	ug/l	97
95) Naphthalene	13.756	128	220659	47.634	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	75696	47.178	ug/l	97

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Response via : Initial Calibration

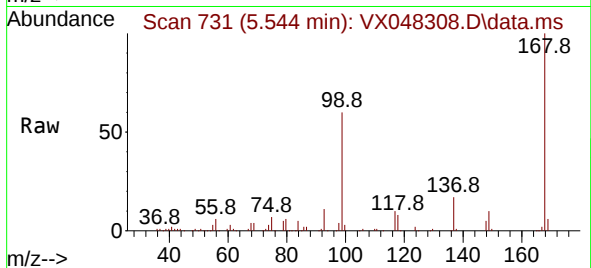
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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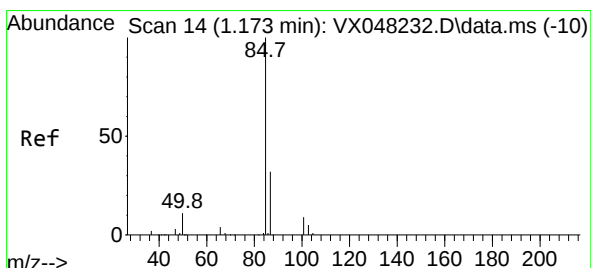
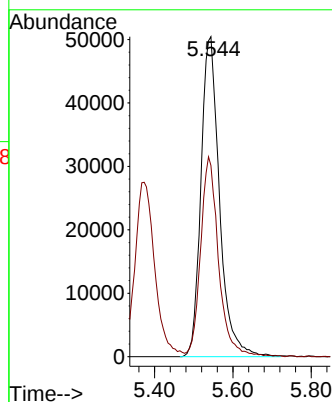
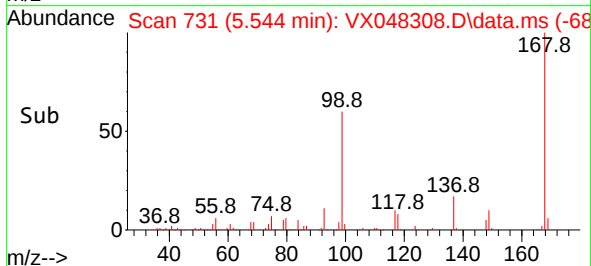
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 165808
Ion Ratio Lower Upper
168 100
99 59.4 46.4 69.6

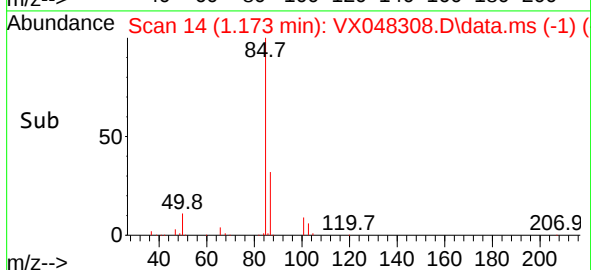
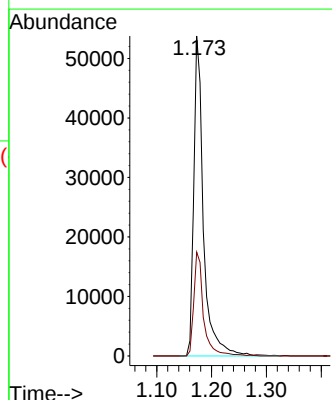
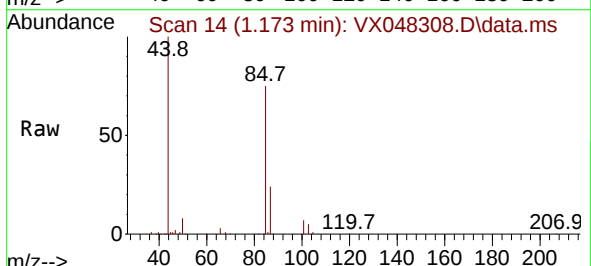
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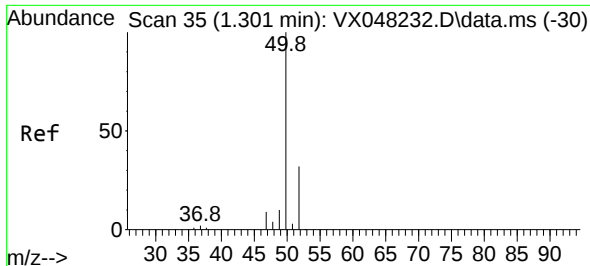
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#2
Dichlorodifluoromethane
Concen: 38.824 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

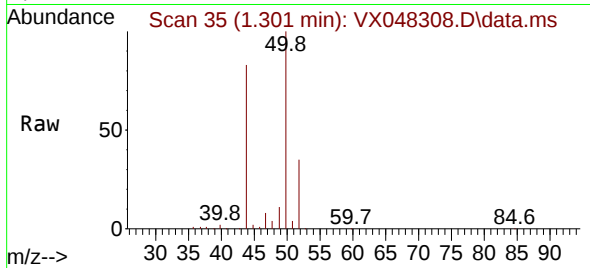
Tgt Ion: 85 Resp: 66177
Ion Ratio Lower Upper
85 100
87 32.4 15.3 45.9





#3
Chloromethane
Concen: 23.638 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

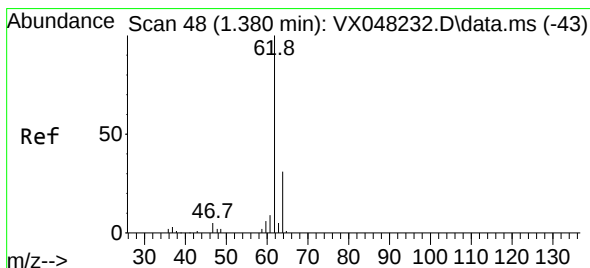
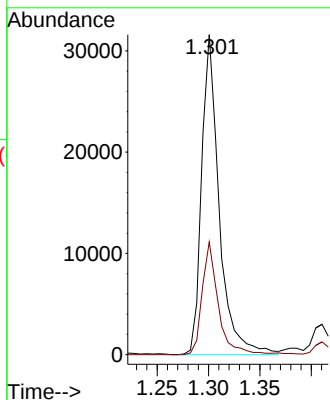
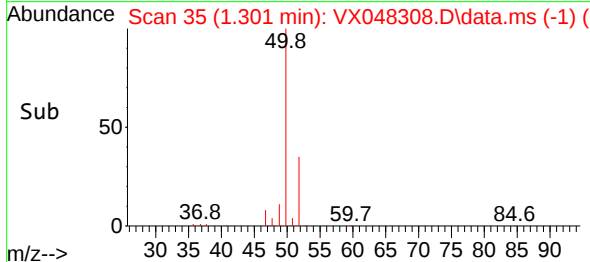
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Tgt Ion: 50 Resp: 37608
Ion Ratio Lower Upper
50 100
52 35.3 25.9 38.9

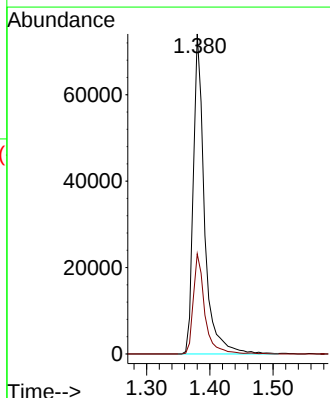
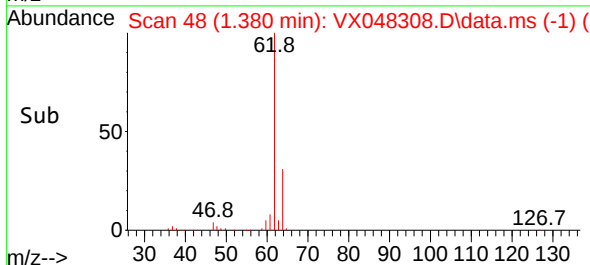
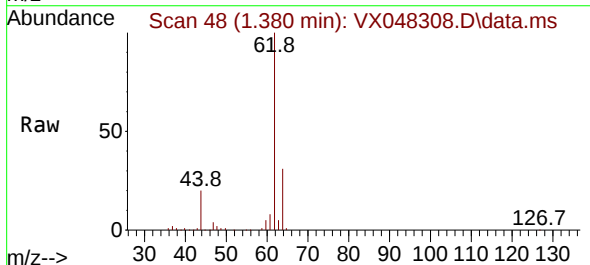
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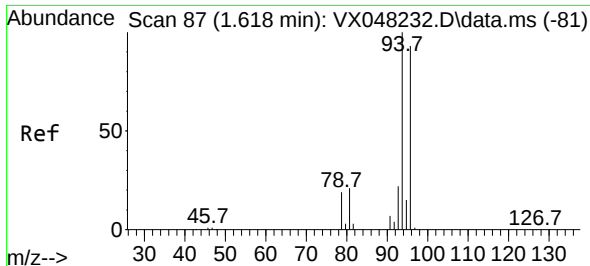
Reviewed By :John Carlone 10/24/2025
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#4
Vinyl Chloride
Concen: 62.022 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 62 Resp: 91377
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7





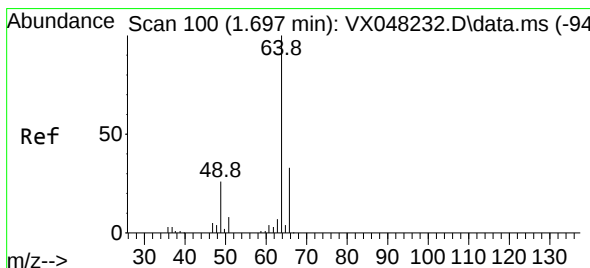
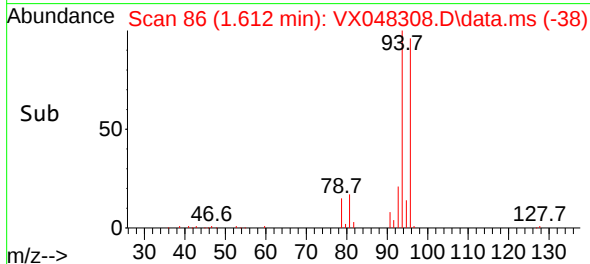
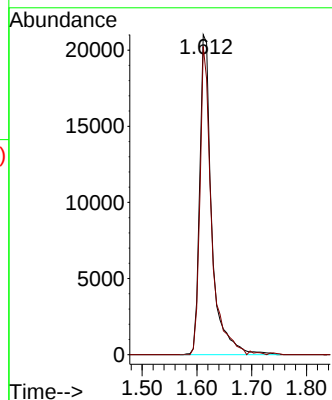
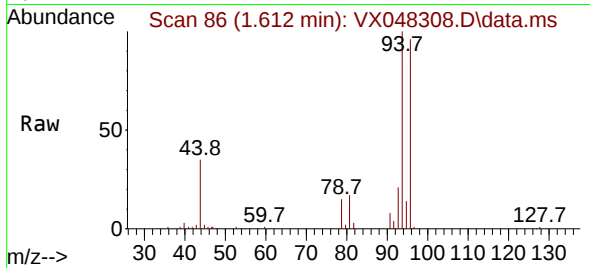
#5
Bromomethane
Concen: 32.356 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 3235
Ion Ratio Lower Upper
94 100
96 97.6 76.0 114.0

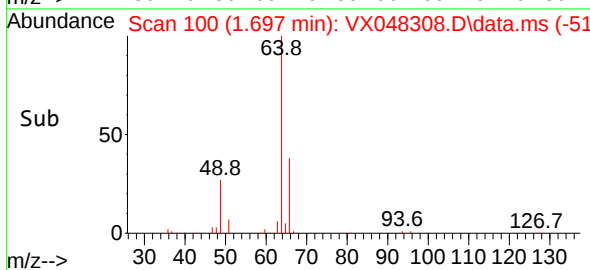
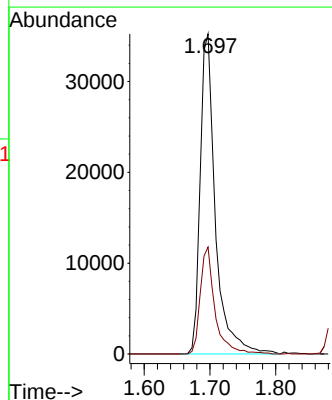
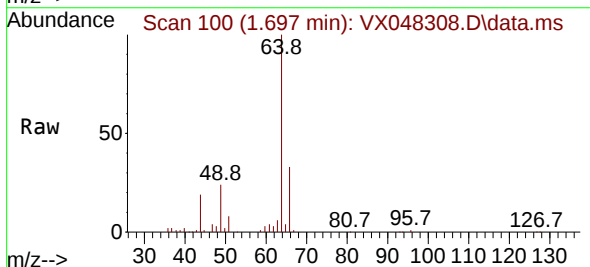
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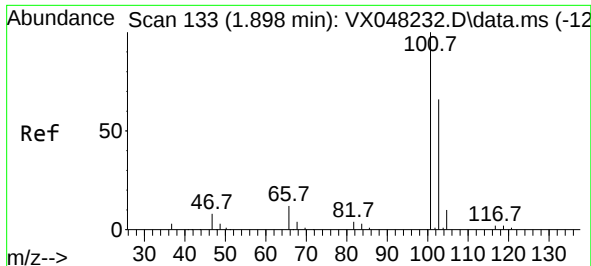
Reviewed By :John Carlone 10/24/2025
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#6
Chloroethane
Concen: 65.362 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 64 Resp: 56587
Ion Ratio Lower Upper
64 100
66 33.4 23.9 35.9





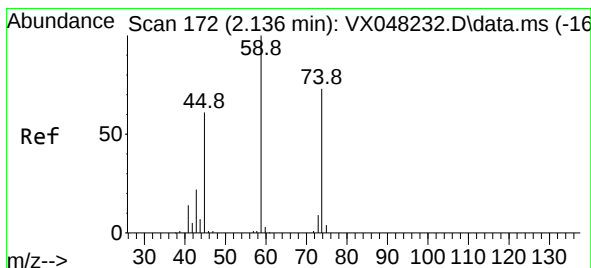
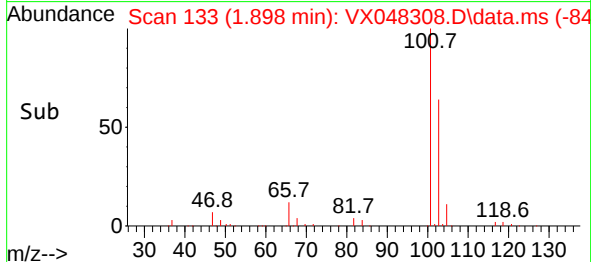
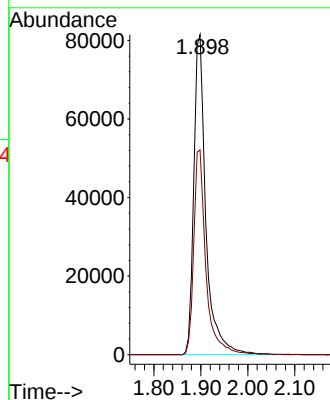
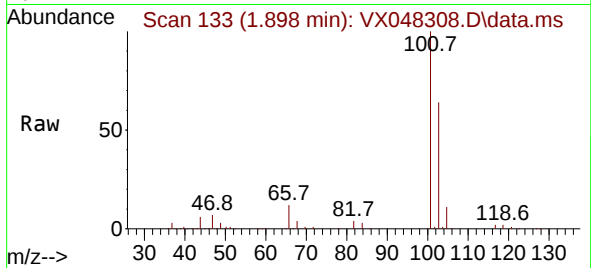
#7
 Trichlorofluoromethane
 Concen: 51.880 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

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Tgt Ion:101 Resp: 14659
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.6 77.4

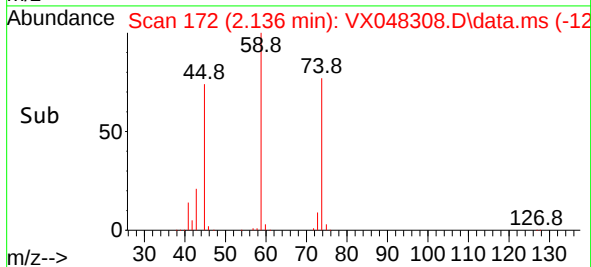
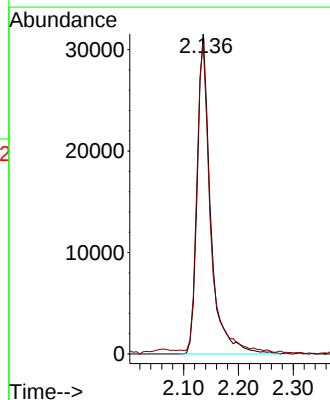
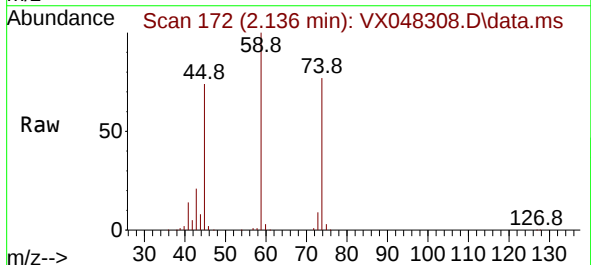
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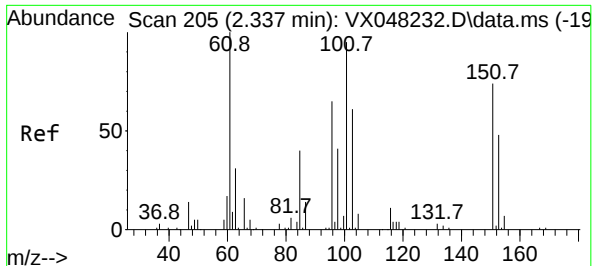
Reviewed By :John Carlone 10/24/2025
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#8
 Diethyl Ether
 Concen: 67.517 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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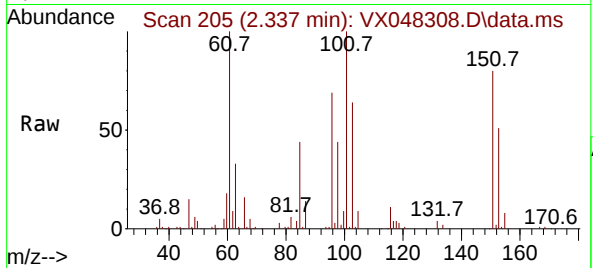
Tgt Ion: 74 Resp: 53679
 Ion Ratio Lower Upper
 74 100
 45 98.7 50.0 149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 33.597 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048308.D
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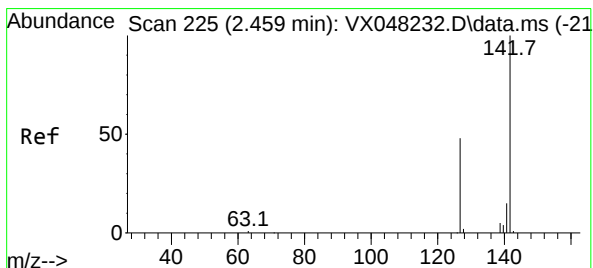
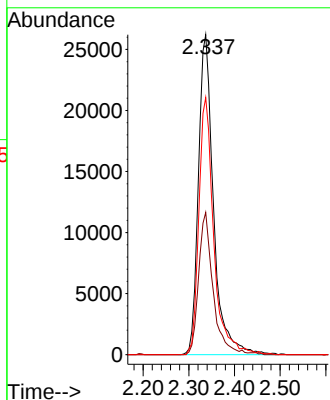
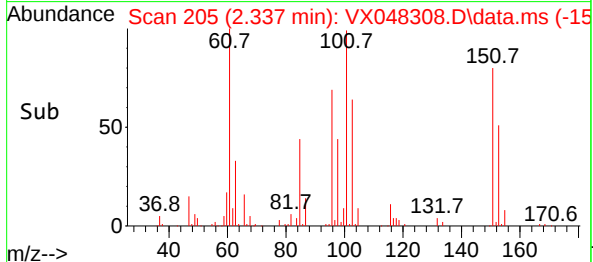
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ClientSampleId :
VSTDCCC050EC



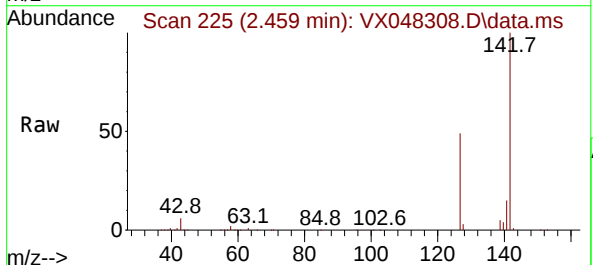
Tgt Ion:101 Resp: 60114
Ion Ratio Lower Upper
101 100
85 42.8 35.6 53.4
151 79.4 58.0 87.0

Manual Integrations
APPROVED

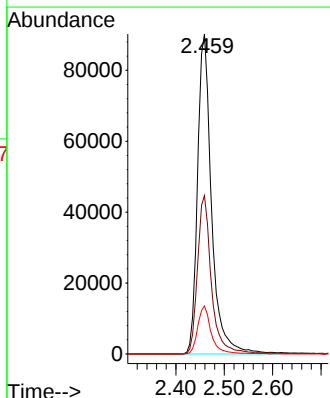
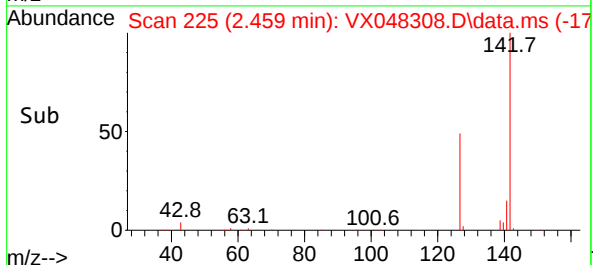
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

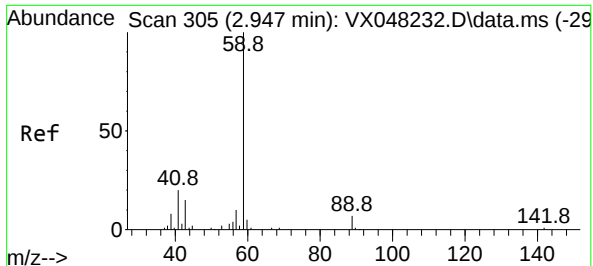


#10
Methyl Iodide
Concen: 80.726 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36



Tgt Ion:142 Resp: 181583
Ion Ratio Lower Upper
142 100
127 49.3 38.5 57.7
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 140.093 ug/l

RT: 2.941 min Scan# 305

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 32330

Ion Ratio Lower Upper

59 100

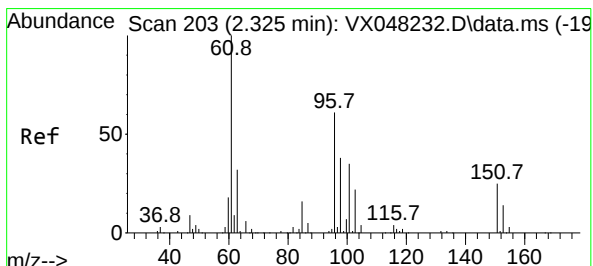
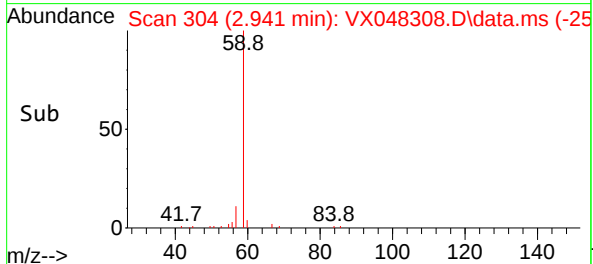
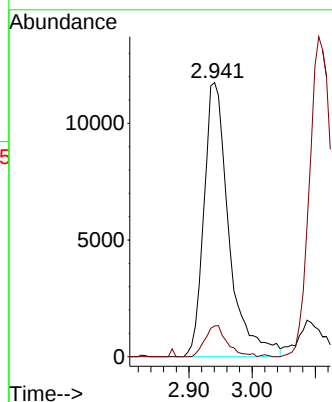
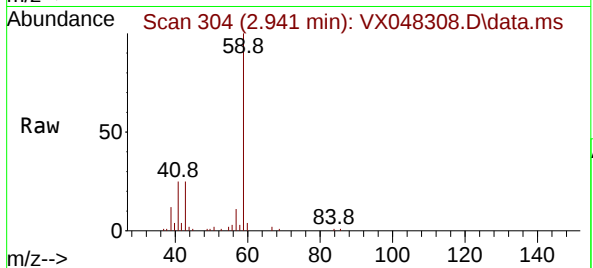
57 10.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#12

1,1-Dichloroethene

Concen: 36.180 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

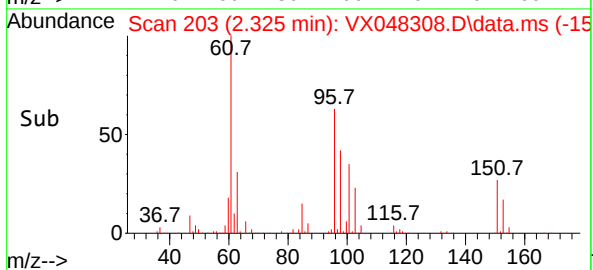
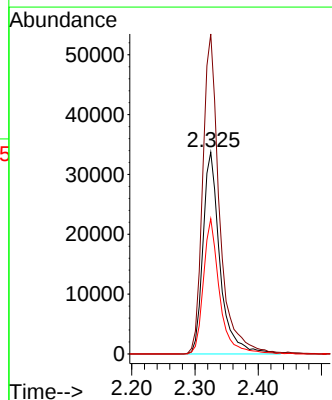
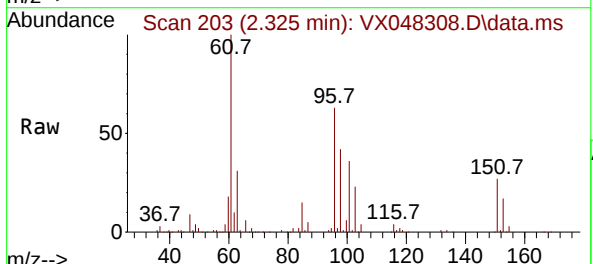
Tgt Ion: 96 Resp: 62980

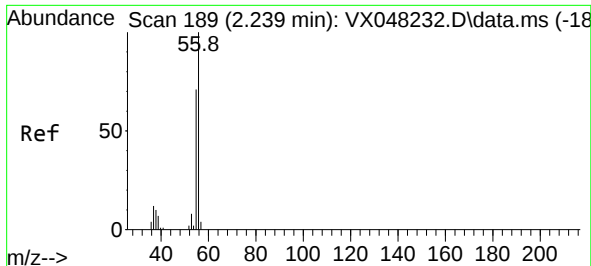
Ion Ratio Lower Upper

96 100

61 158.6 139.0 208.6

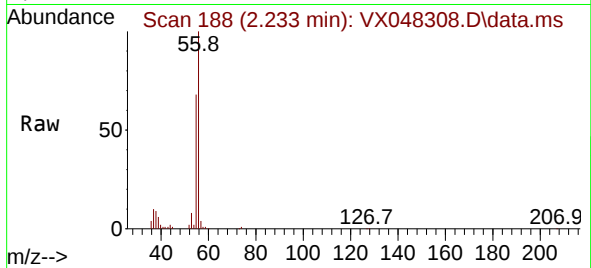
98 67.0 52.4 78.6





#13
Acrolein
Concen: 315.647 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

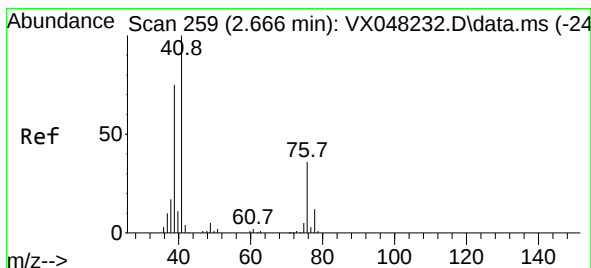
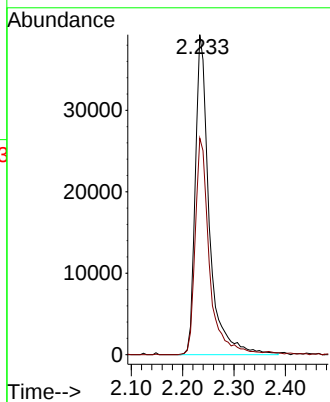
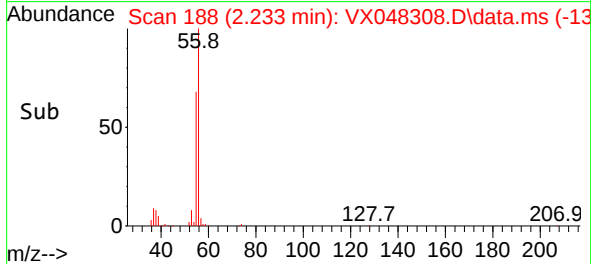
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



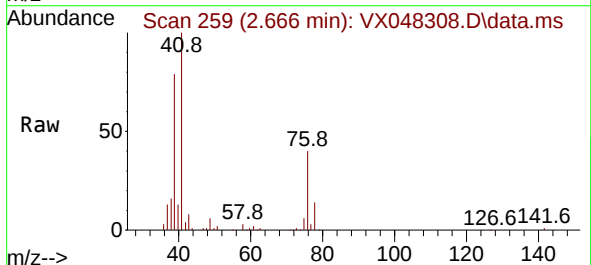
Tgt Ion: 56 Resp: 74300
Ion Ratio Lower Upper
56 100
55 68.9 56.1 84.1

Manual Integrations
APPROVED

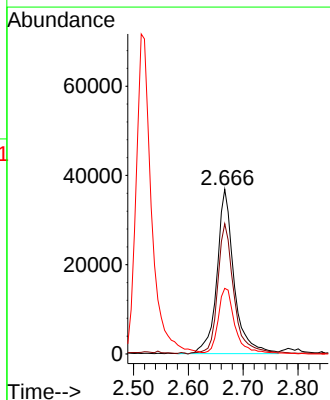
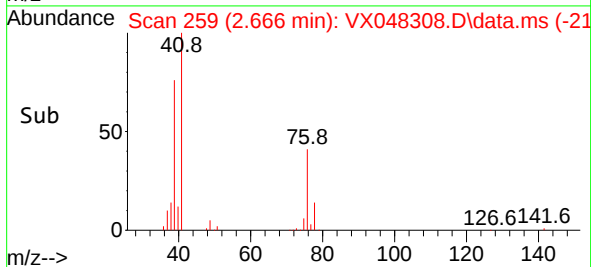
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

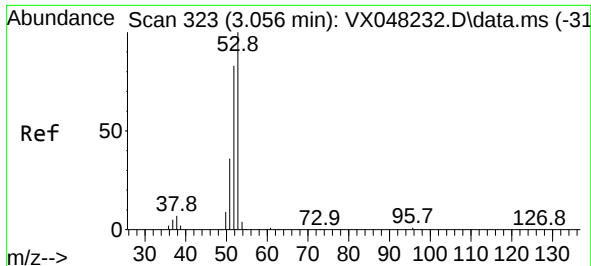


#14
Allyl chloride
Concen: 27.644 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36



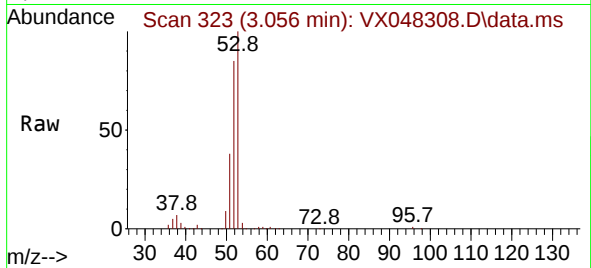
Tgt Ion: 41 Resp: 79895
Ion Ratio Lower Upper
41 100
39 76.8 56.0 84.0
76 39.9 27.5 41.3





#15
Acrylonitrile
Concen: 138.075 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

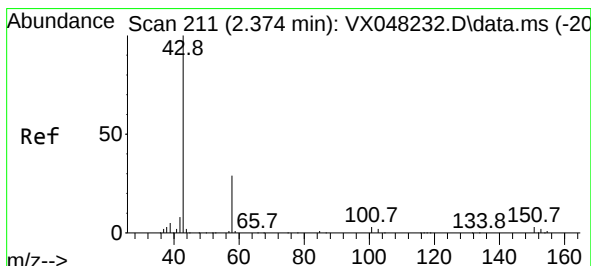
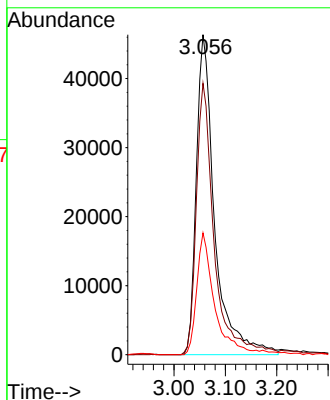
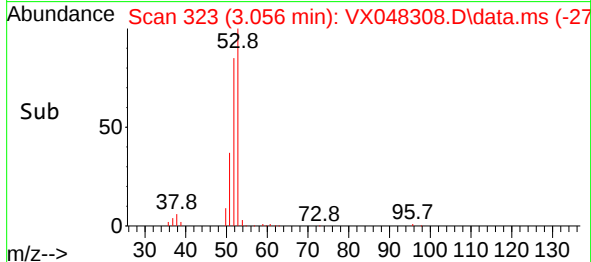
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 11492
Ion Ratio Lower Upper
53 100
52 82.3 66.1 99.1
51 36.4 29.0 43.4

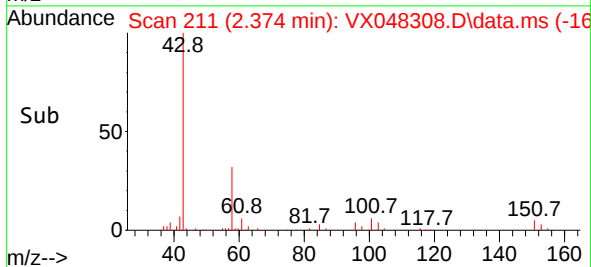
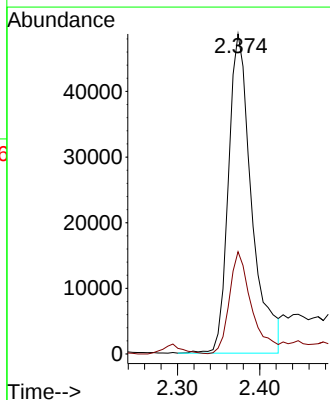
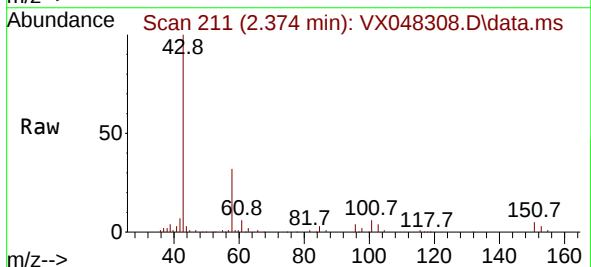
Manual Integrations
APPROVED

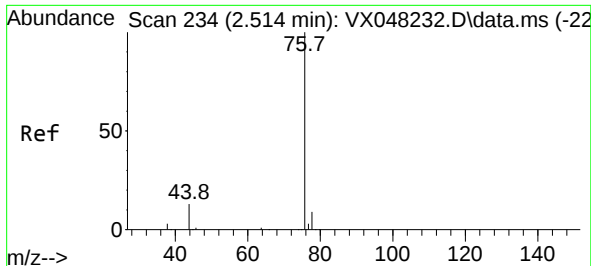
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#16
Acetone
Concen: 120.131 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

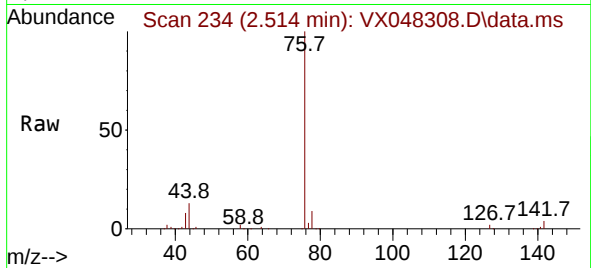
Tgt Ion: 43 Resp: 95807
Ion Ratio Lower Upper
43 100
58 30.3 23.4 35.2





#17
Carbon Disulfide
Concen: 25.495 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

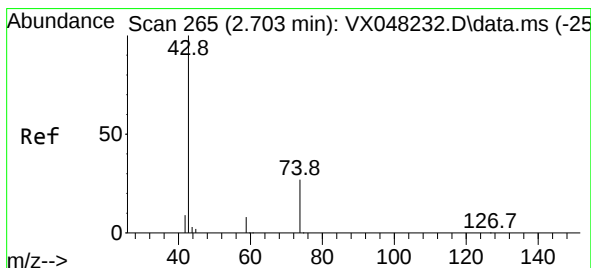
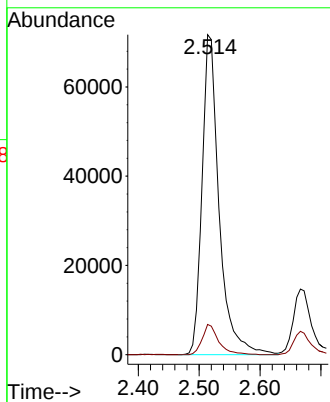
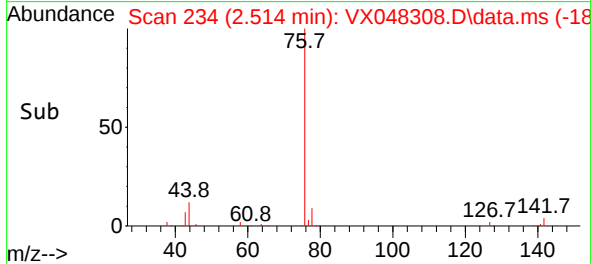
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 139872
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

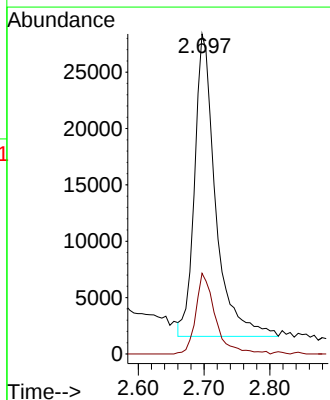
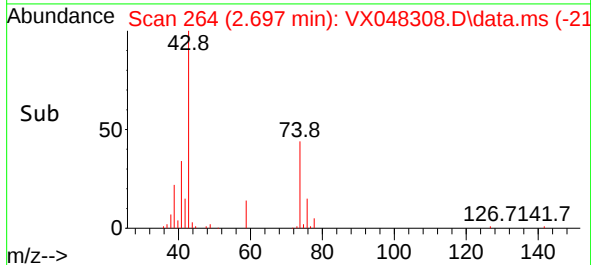
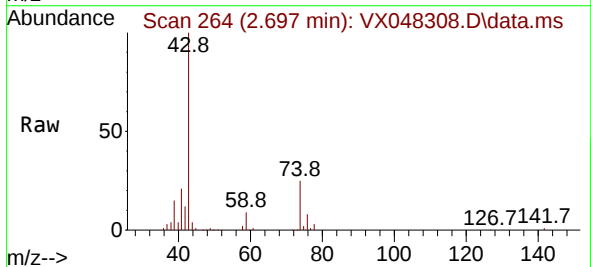
Manual Integrations
APPROVED

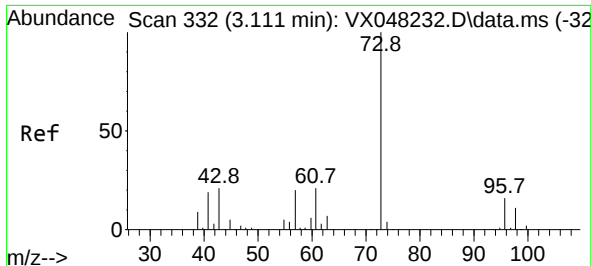
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#18
Methyl Acetate
Concen: 35.728 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 59506
Ion Ratio Lower Upper
43 100
74 24.9 17.5 26.3





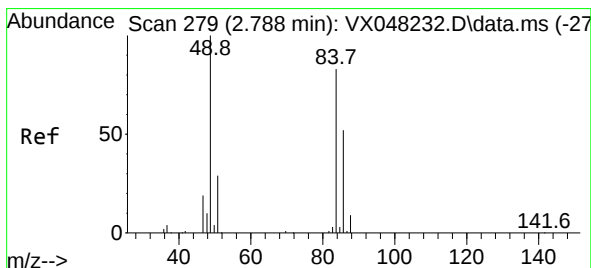
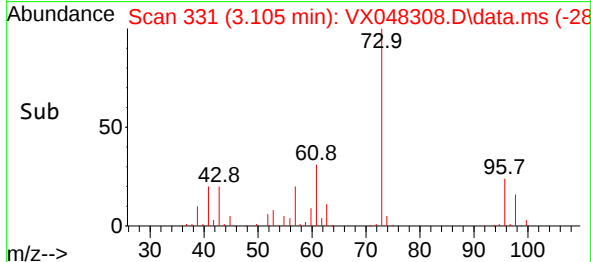
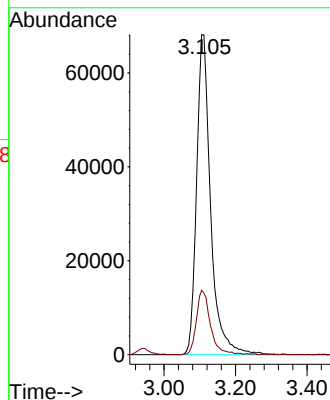
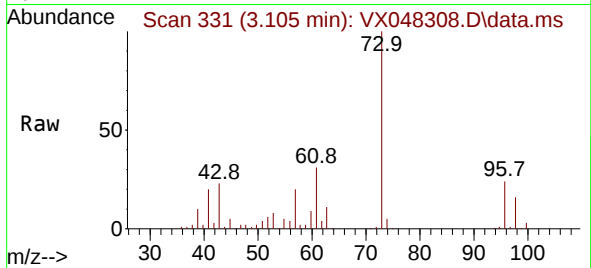
#19
Methyl tert-butyl Ether
Concen: 31.207 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 185328
Ion Ratio Lower Upper
73 100
57 20.1 17.7 26.5

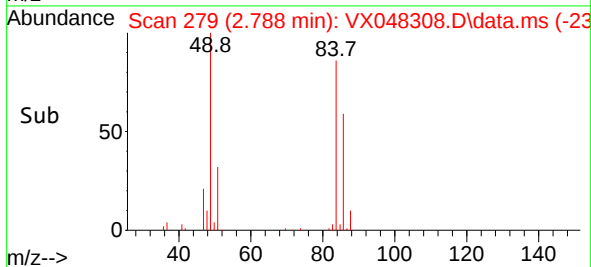
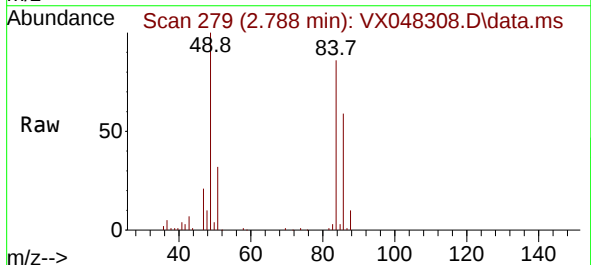
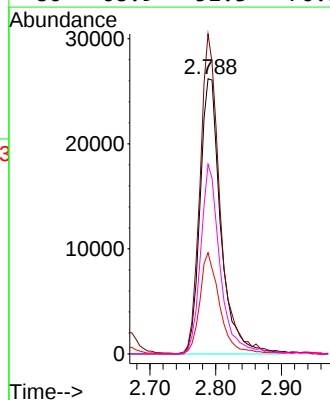
Manual Integrations
APPROVED

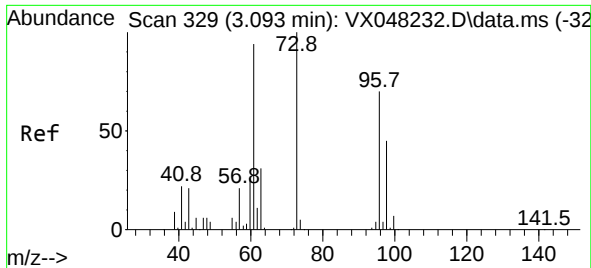
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#20
Methylene Chloride
Concen: 29.518 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 84 Resp: 57361
Ion Ratio Lower Upper
84 100
49 115.9 104.1 156.1
51 36.8 31.3 46.9
86 68.9 51.3 76.9





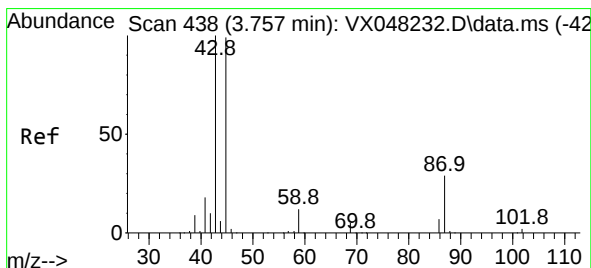
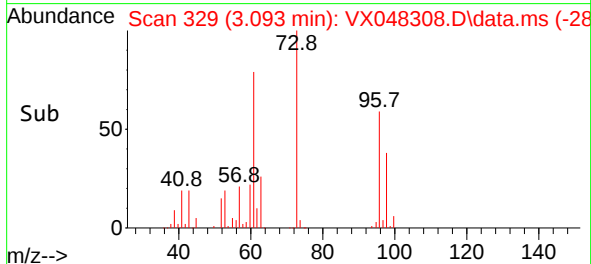
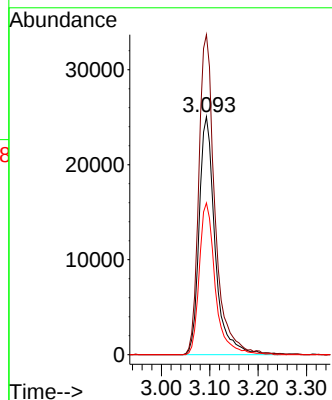
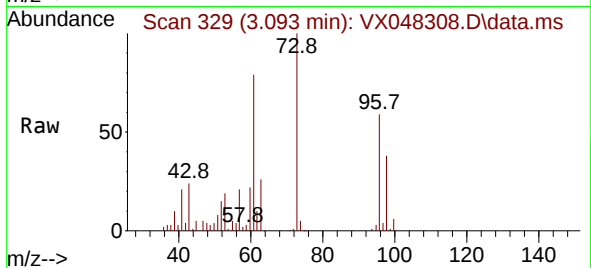
#21
trans-1,2-Dichloroethene
Concen: 29.957 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 5728
Ion Ratio Lower Upper
96 100
61 134.5 111.9 167.9
98 63.8 51.2 76.8

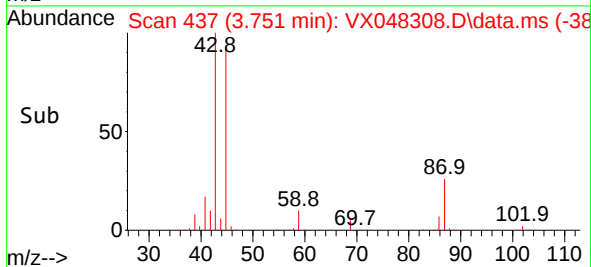
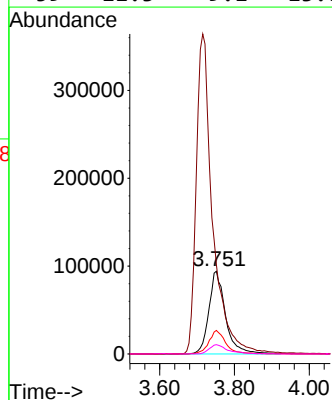
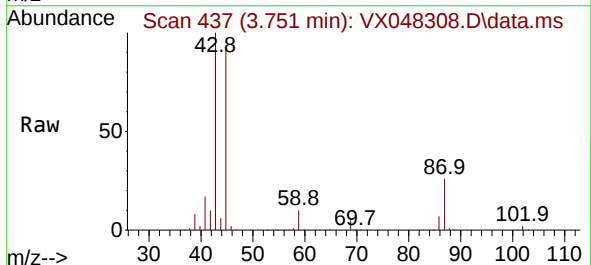
Manual Integrations
APPROVED

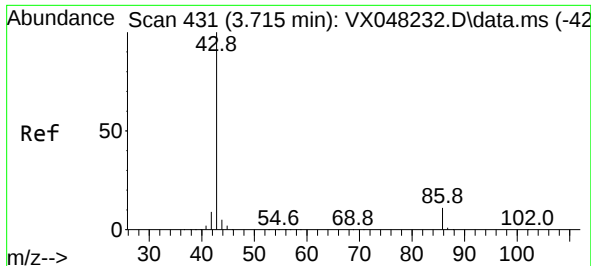
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#22
Diisopropyl ether
Concen: 50.635 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 45 Resp: 291884
Ion Ratio Lower Upper
45 100
43 108.0 89.8 134.8
87 28.4 20.6 31.0
59 11.3 9.1 13.7





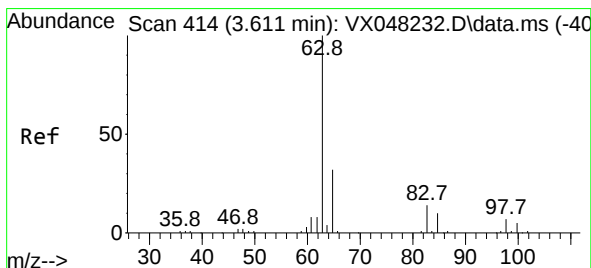
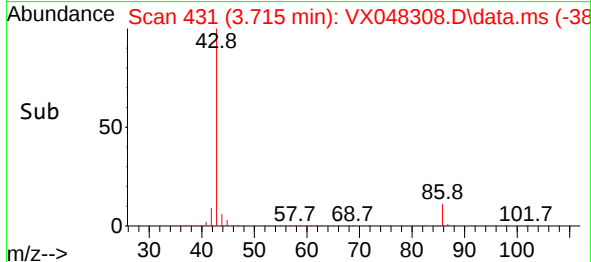
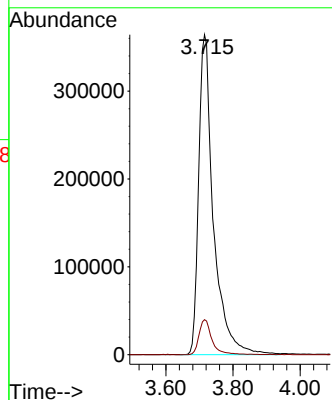
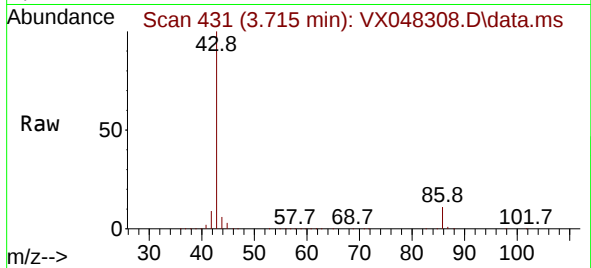
#23
 Vinyl Acetate
 Concen: 241.211 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 111069
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.9 11.9

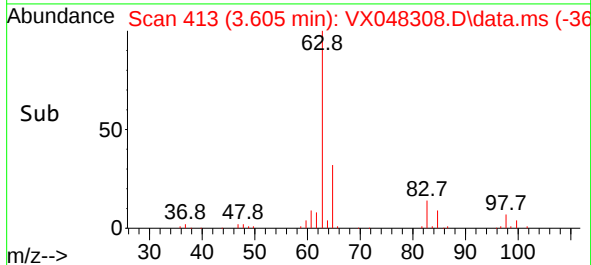
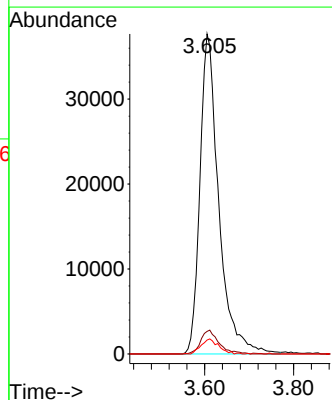
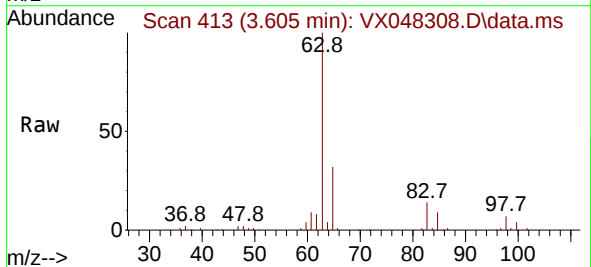
Manual Integrations
 APPROVED

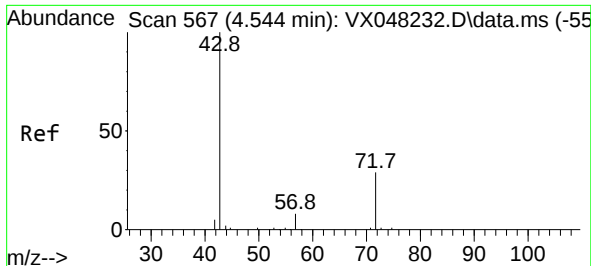
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025



#24
 1,1-Dichloroethane
 Concen: 31.824 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

Tgt Ion: 63 Resp: 110925
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 4.4 2.1 6.3





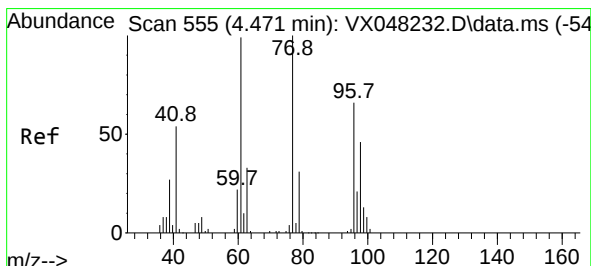
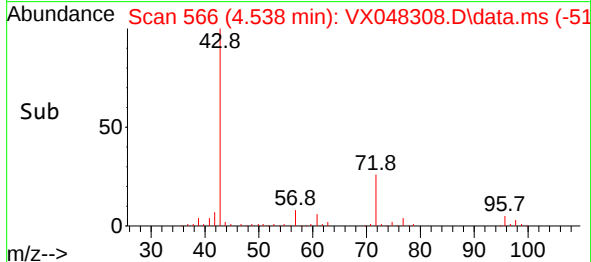
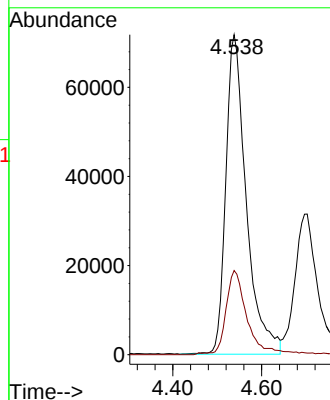
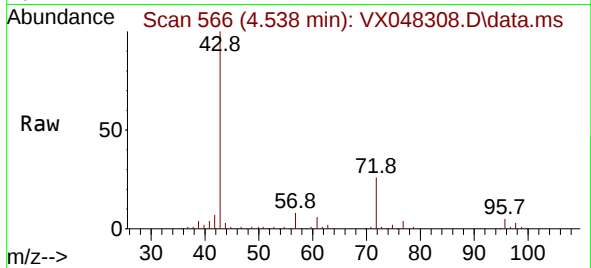
#25
2-Butanone
Concen: 226.319 ug/l
RT: 4.538 min Scan# 566
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 228459
Ion Ratio Lower Upper
43 100
72 26.4 19.9 29.9

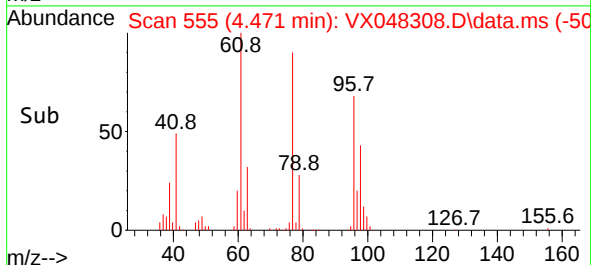
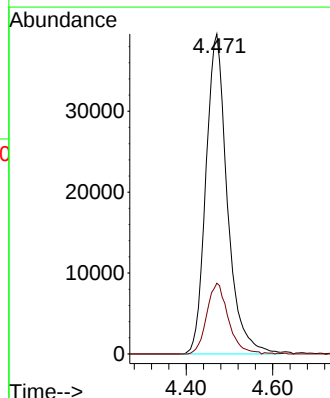
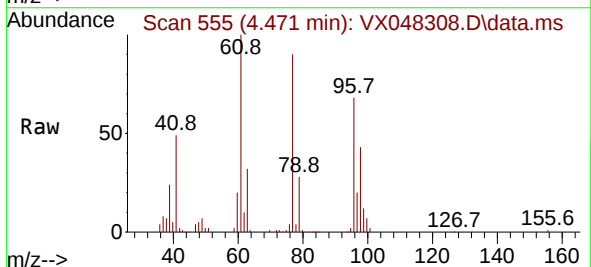
Manual Integrations
APPROVED

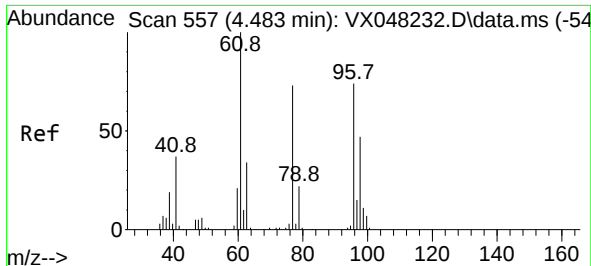
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#26
2,2-Dichloropropane
Concen: 43.131 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 77 Resp: 135695
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 49.014 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 109379

Ion Ratio Lower Upper

96 100

61 139.8 0.0 294.2

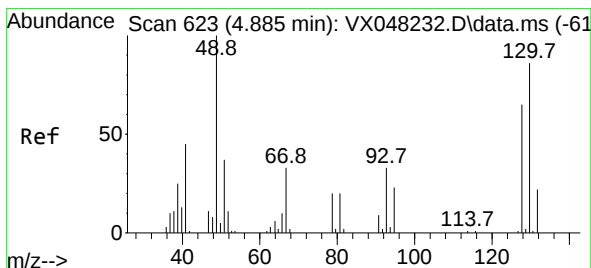
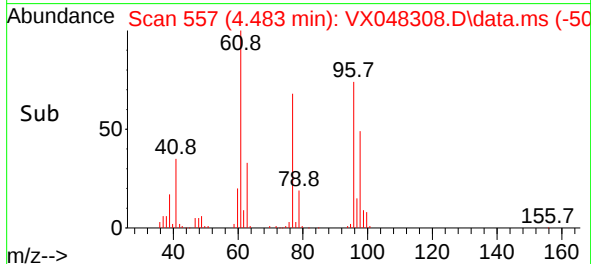
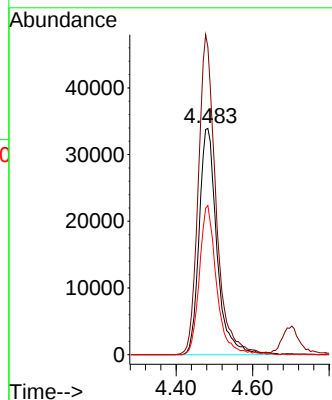
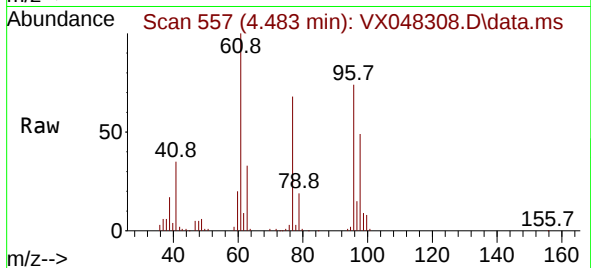
98 63.6 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#28

Bromochloromethane

Concen: 51.950 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

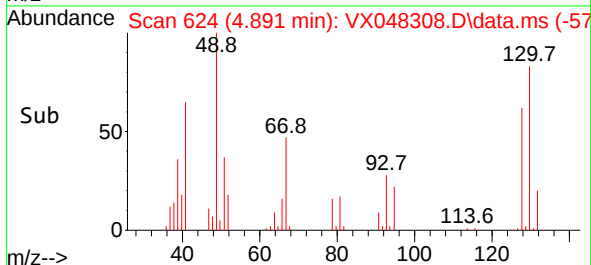
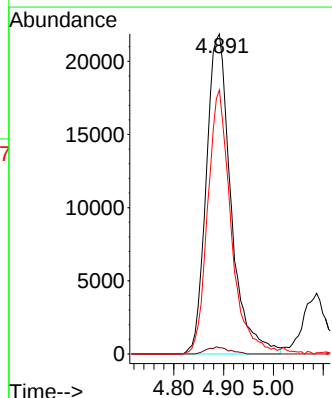
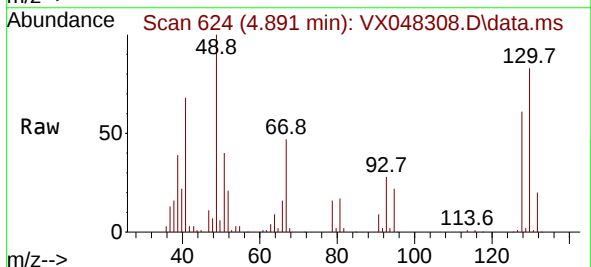
Tgt Ion: 49 Resp: 75080

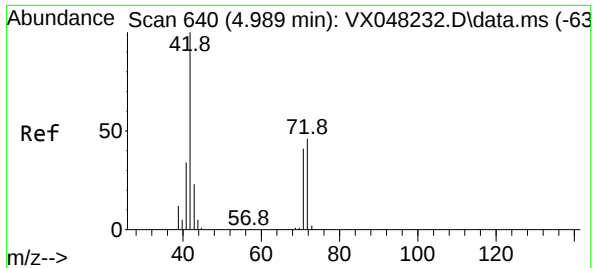
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 77.9 59.3 88.9





#29

Tetrahydrofuran

Concen: 250.563 ug/l

RT: 4.989 min Scan# 640

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

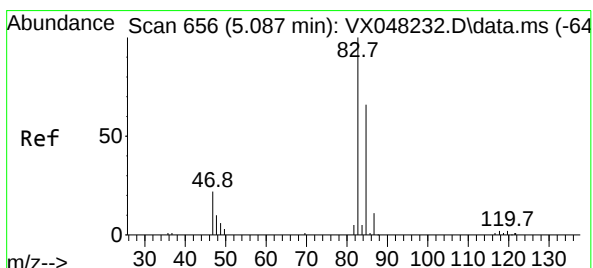
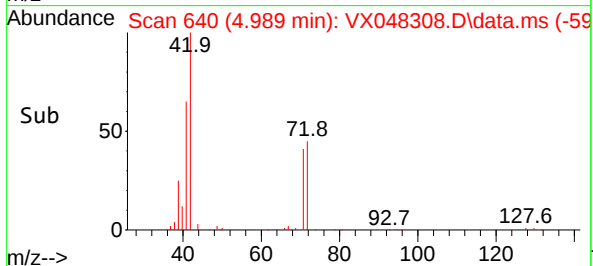
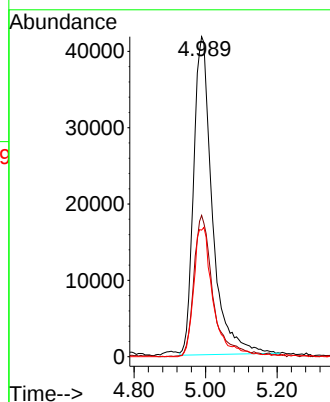
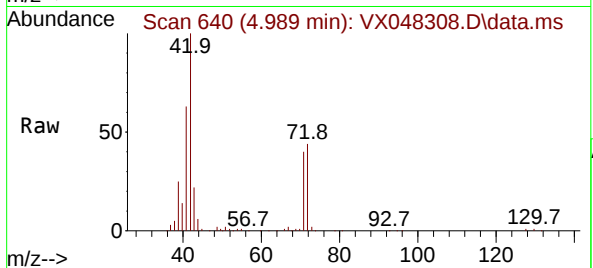
Tgt Ion: 42 Resp: 15148
 Ion Ratio Lower Upper
 42 100
 72 44.8 35.3 52.9
 71 42.8 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#30

Chloroform

Concen: 45.928 ug/l

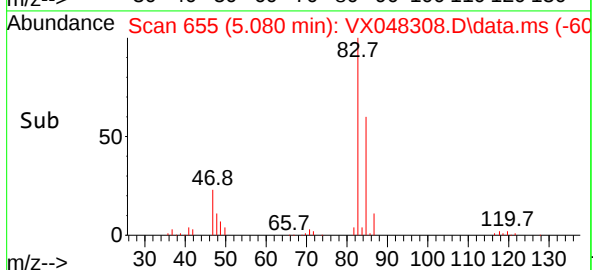
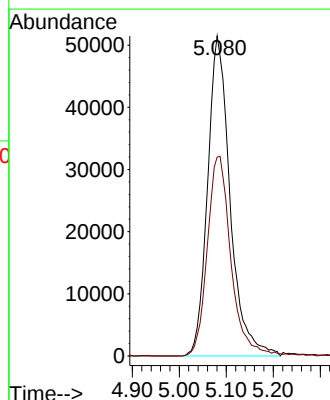
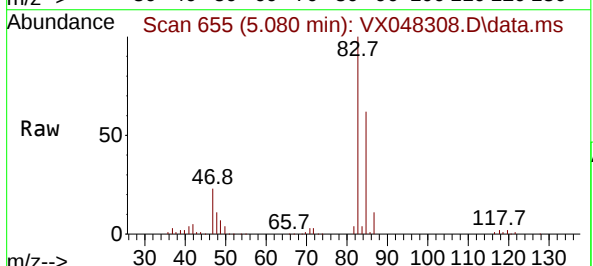
RT: 5.080 min Scan# 655

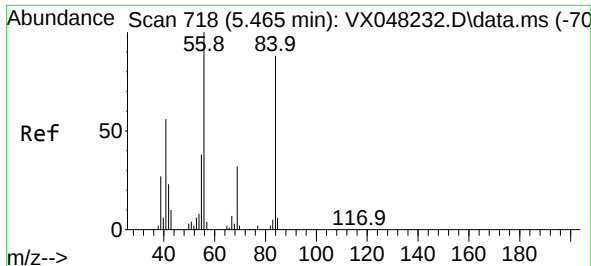
Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

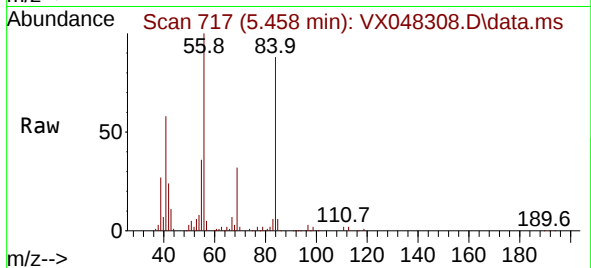
Tgt Ion: 83 Resp: 171030
 Ion Ratio Lower Upper
 83 100
 85 62.2 50.1 75.1





#31
Cyclohexane
Concen: 49.868 ug/l
RT: 5.458 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

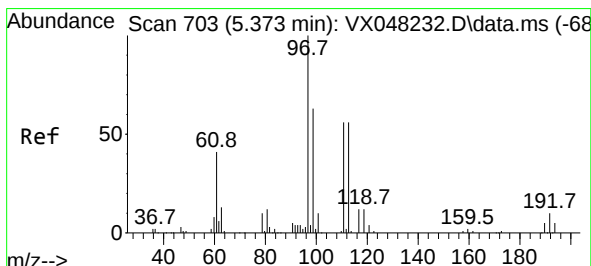
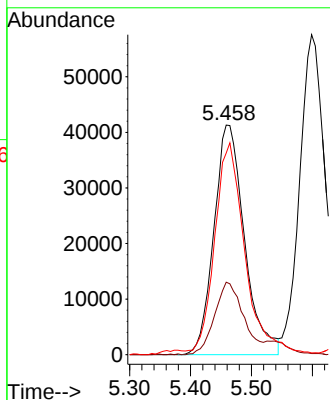
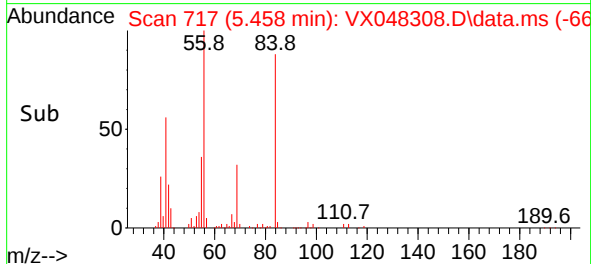
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14390
Ion Ratio Lower Upper
56 100
69 31.2 23.0 34.6
84 85.7 64.6 97.0

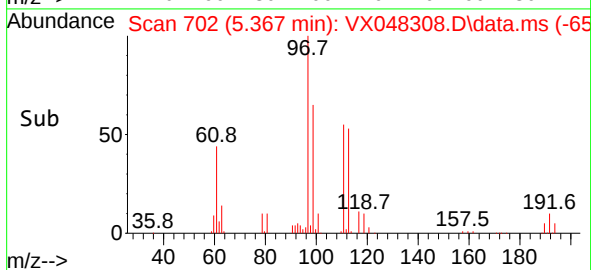
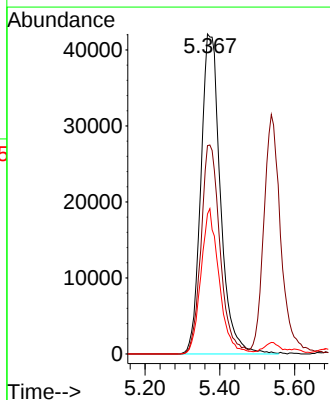
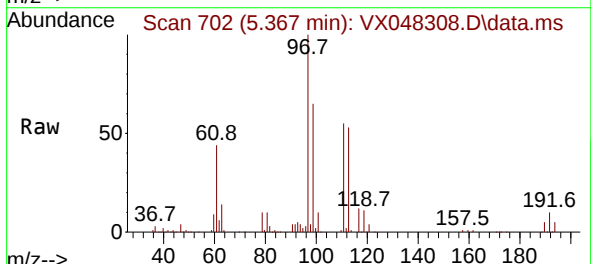
Manual Integrations
APPROVED

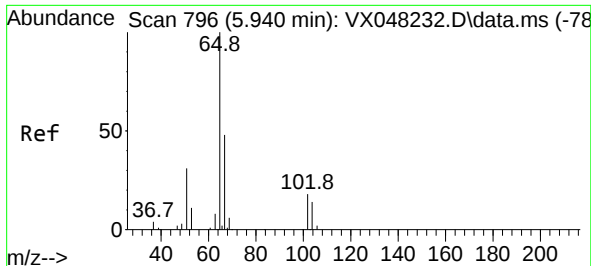
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#32
1,1,1-Trichloroethane
Concen: 44.558 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 97 Resp: 152924
Ion Ratio Lower Upper
97 100
99 63.5 51.7 77.5
61 42.5 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 42.315 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 9837

Ion Ratio Lower Upper

65 100

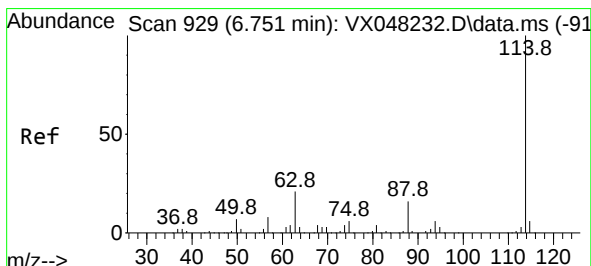
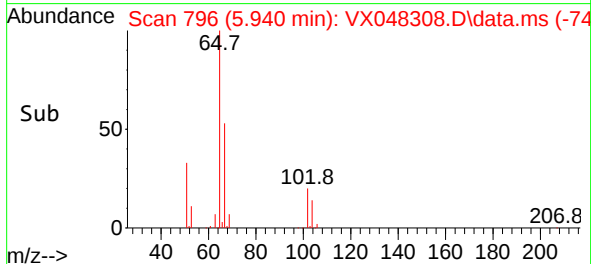
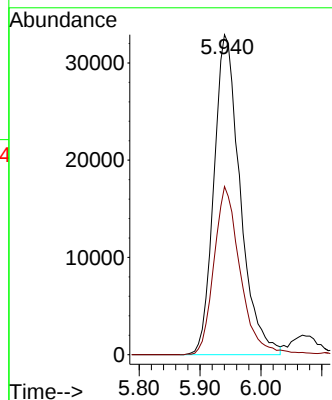
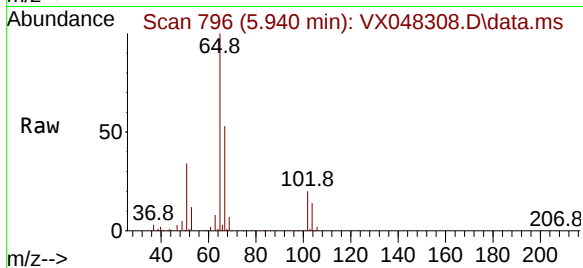
67 52.9 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

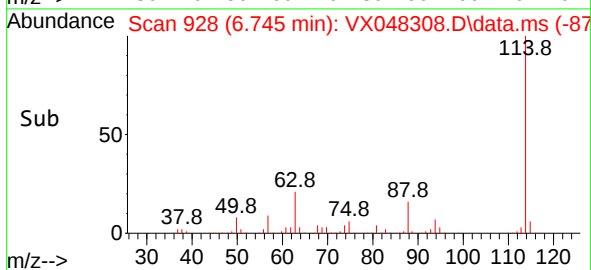
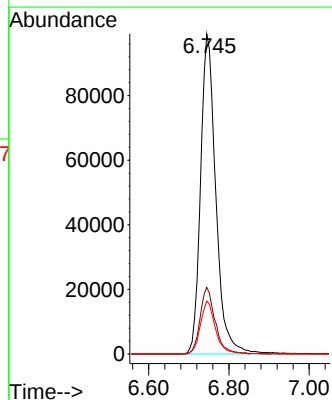
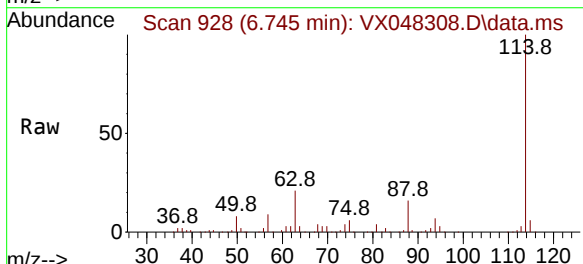
Tgt Ion:114 Resp: 262018

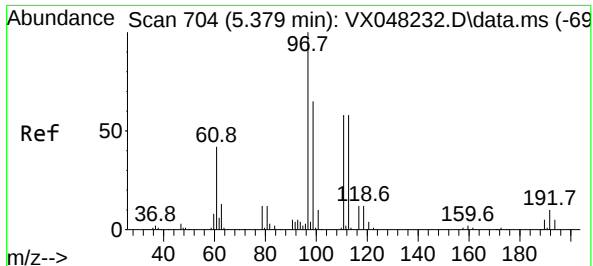
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 16.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 43.158 ug/l

RT: 5.373 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 77200

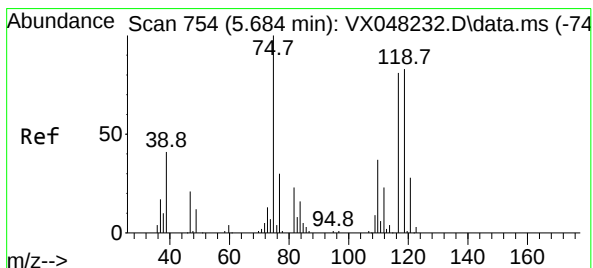
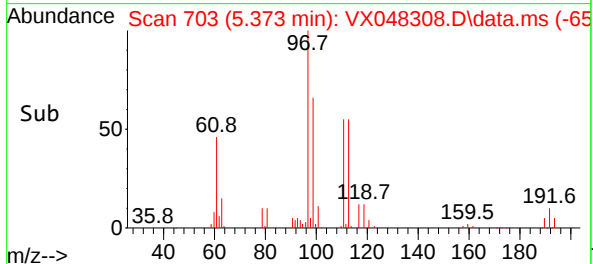
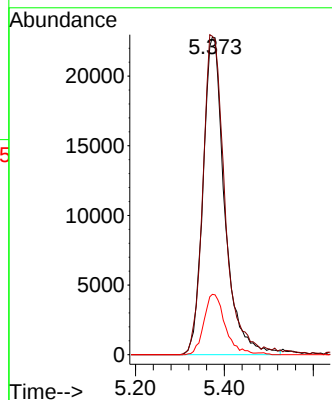
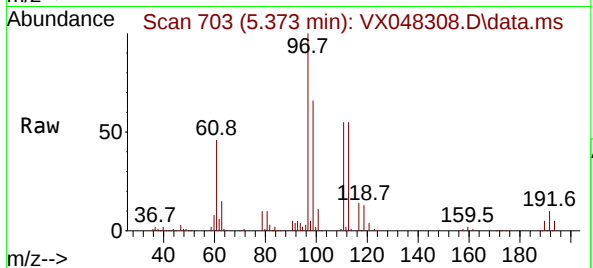
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	18.7	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#36

1,1-Dichloropropene

Concen: 45.375 ug/l

RT: 5.678 min Scan# 753

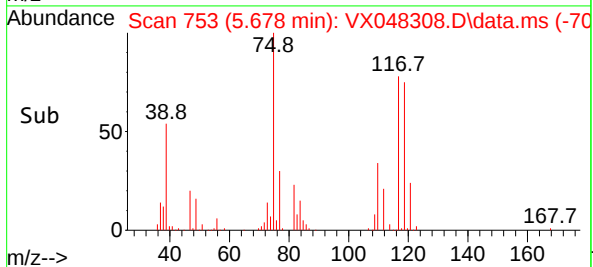
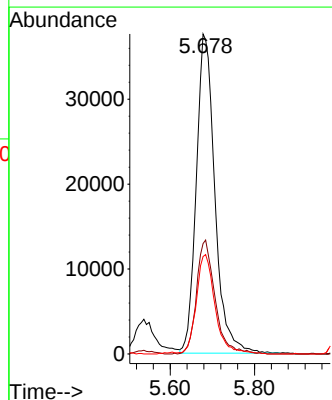
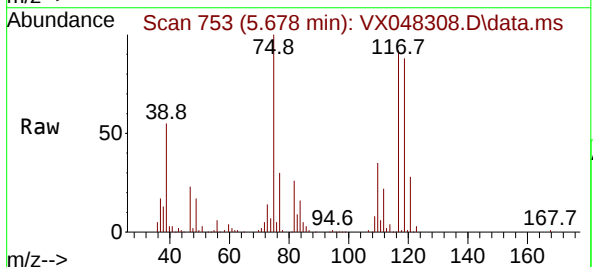
Delta R.T. -0.006 min

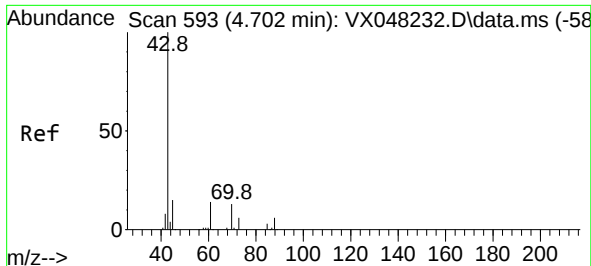
Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 115364

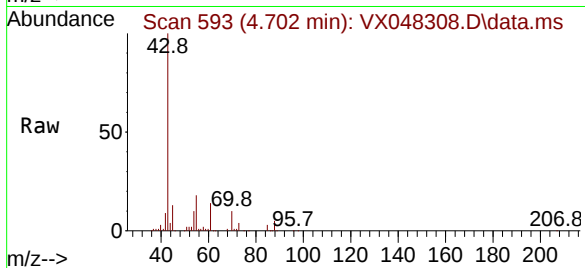
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.7	53.1
77	31.5	24.3	36.5





#37
Ethyl Acetate
Concen: 54.827 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

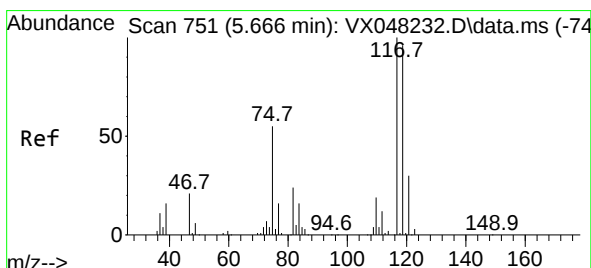
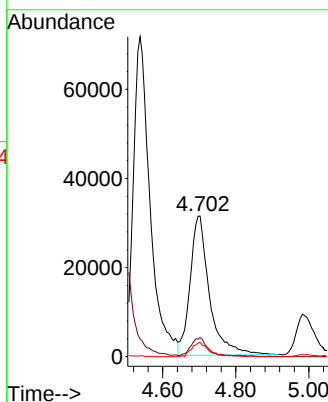
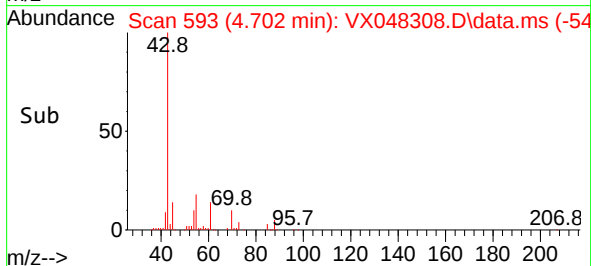
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 11554
Ion Ratio Lower Upper
43 100
61 10.7 10.6 15.8
70 8.7 7.8 11.6

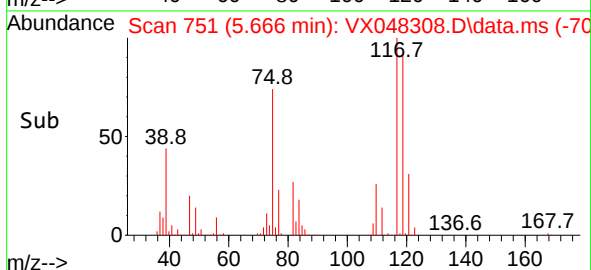
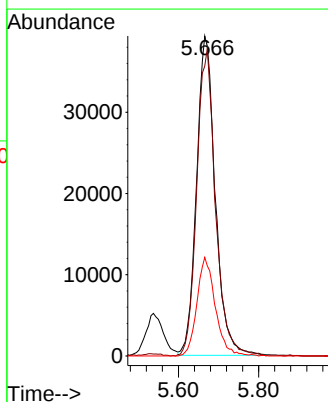
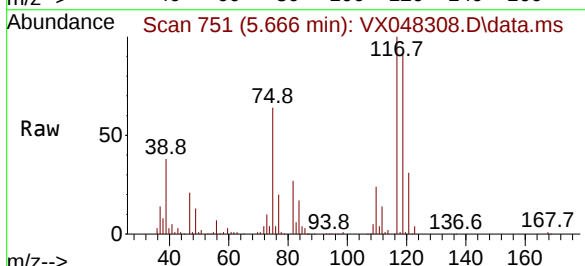
Manual Integrations
APPROVED

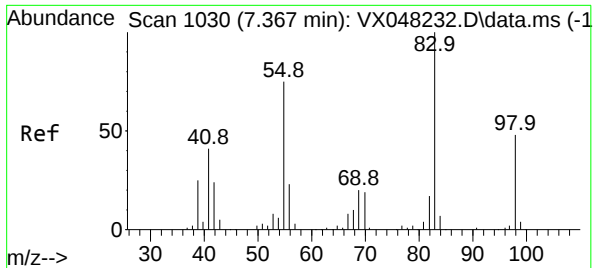
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#38
Carbon Tetrachloride
Concen: 40.741 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:117 Resp: 127792
Ion Ratio Lower Upper
117 100
119 90.7 77.2 115.8
121 30.9 24.8 37.2





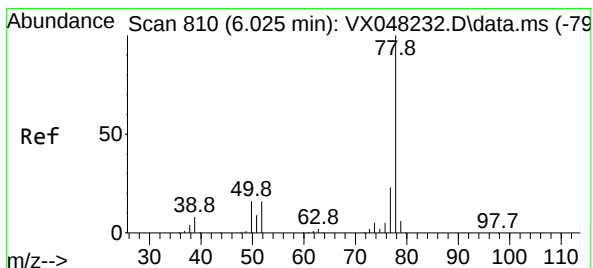
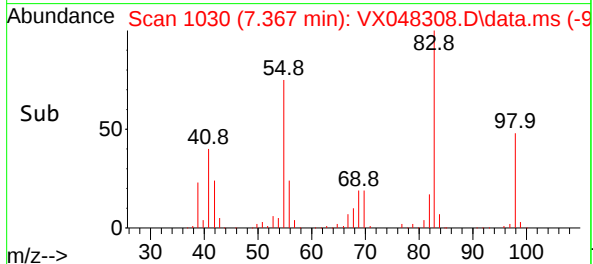
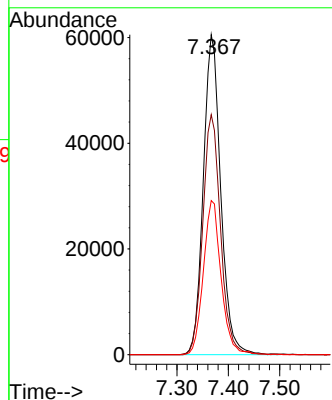
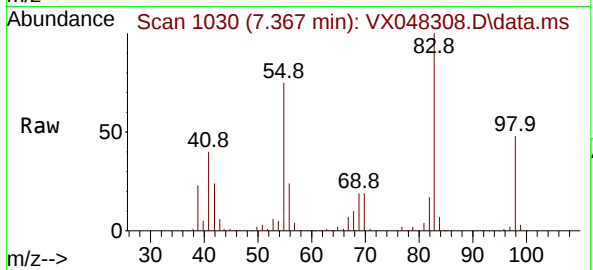
#39
Methylcyclohexane
Concen: 47.470 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 14253
Ion Ratio Lower Upper
83 100
55 75.0 66.2 99.2
98 48.2 38.9 58.3

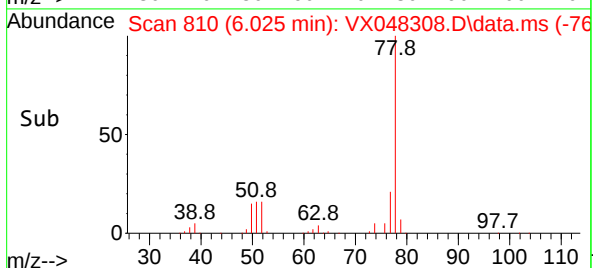
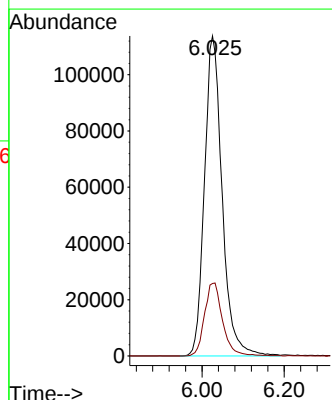
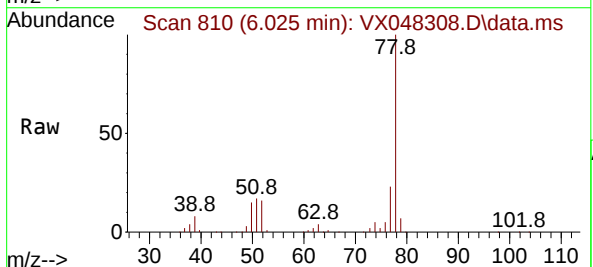
Manual Integrations
APPROVED

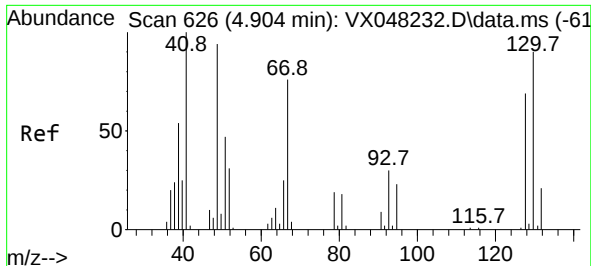
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#40
Benzene
Concen: 46.000 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

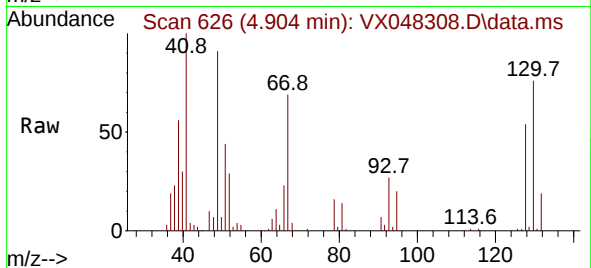
Tgt Ion: 78 Resp: 339549
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9





#41
Methacrylonitrile
Concen: 51.006 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

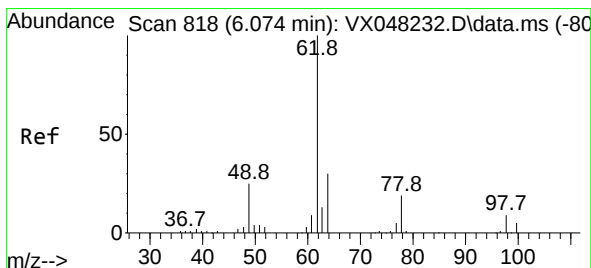
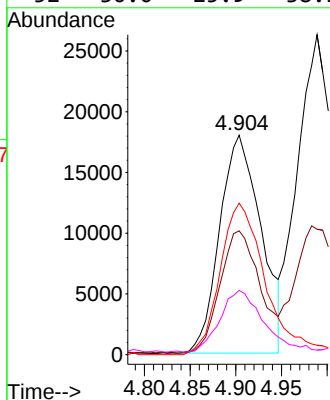
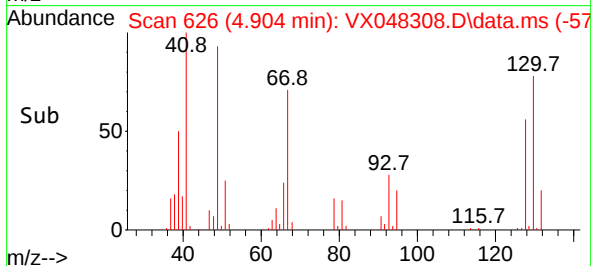
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5644
Ion Ratio Lower Upper
41 100
39 54.7 44.0 66.0
67 77.8 58.7 88.1
52 30.0 25.9 38.9

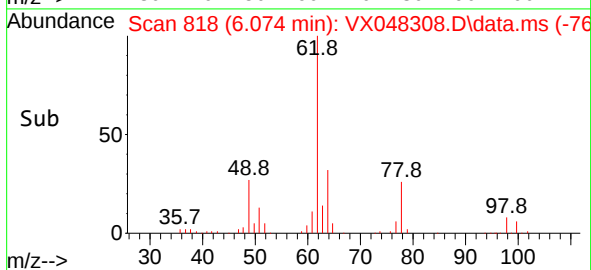
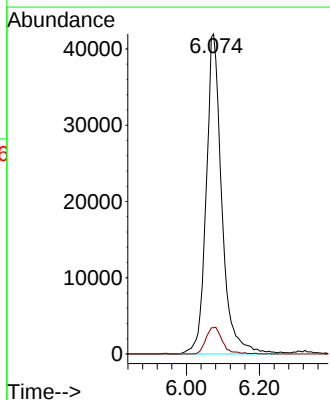
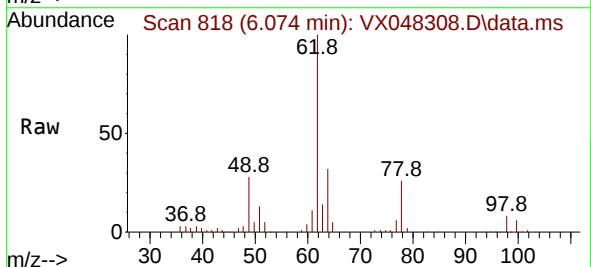
Manual Integrations
APPROVED

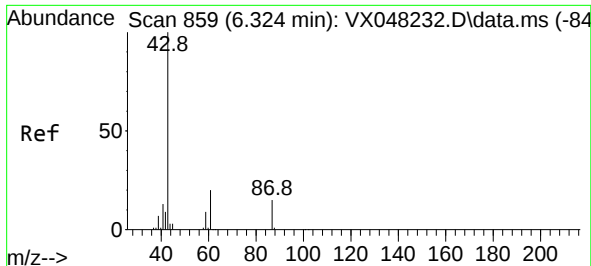
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#42
1,2-Dichloroethane
Concen: 45.697 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

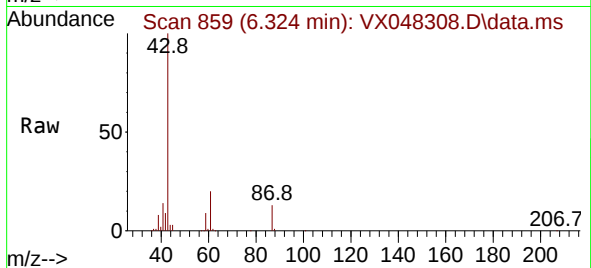
Tgt Ion: 62 Resp: 124472
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.2





#43
Isopropyl Acetate
Concen: 51.932 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

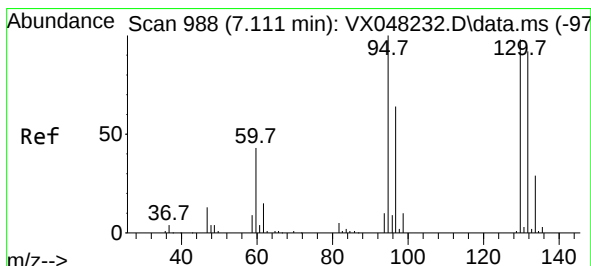
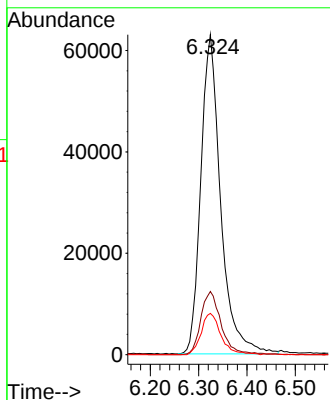
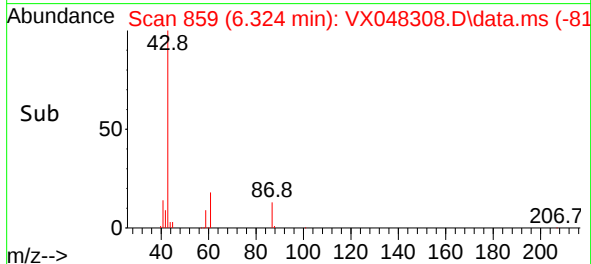
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 17976
Ion Ratio Lower Upper
43 100
61 20.2 14.9 22.3
87 12.9 9.4 14.2

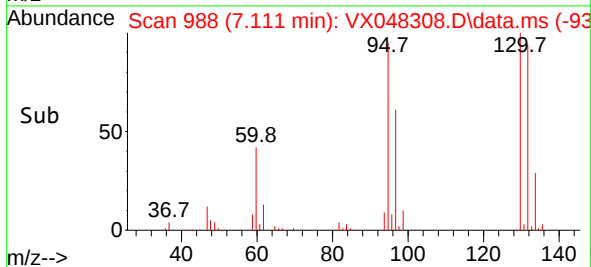
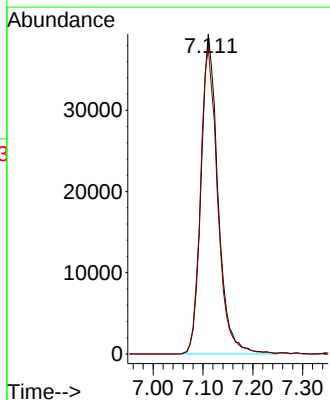
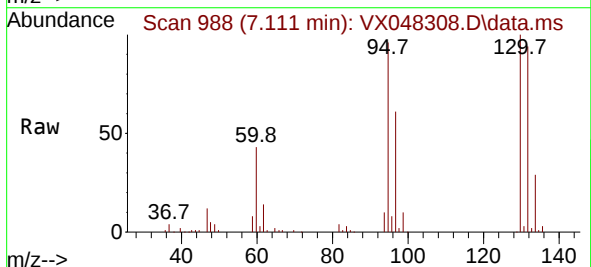
Manual Integrations
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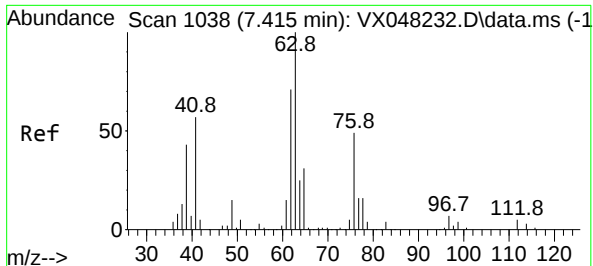
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#44
Trichloroethene
Concen: 47.655 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:130 Resp: 92885
Ion Ratio Lower Upper
130 100
95 95.6 0.0 200.6





#45

1,2-Dichloropropane

Concen: 50.369 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 88398

Ion Ratio Lower Upper

63 100

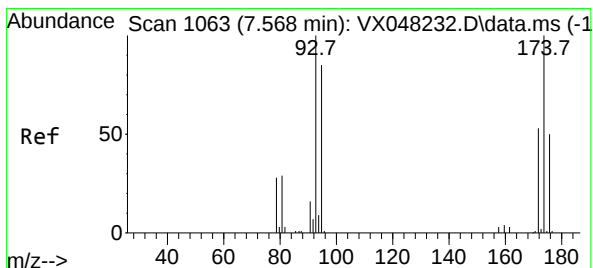
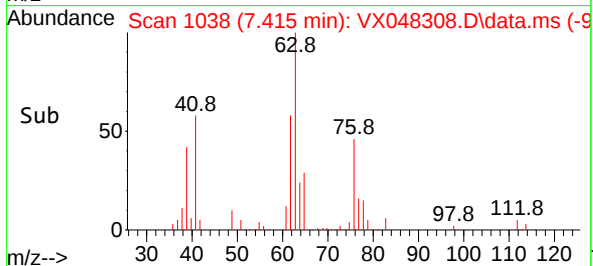
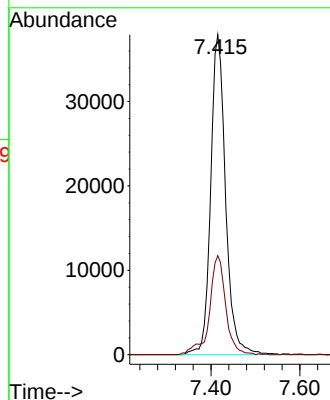
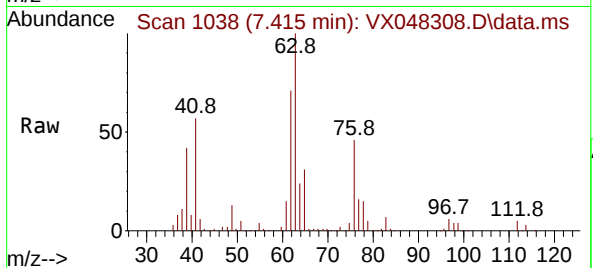
65 30.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#46

Dibromomethane

Concen: 45.095 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

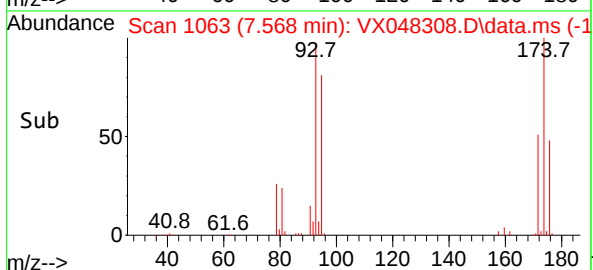
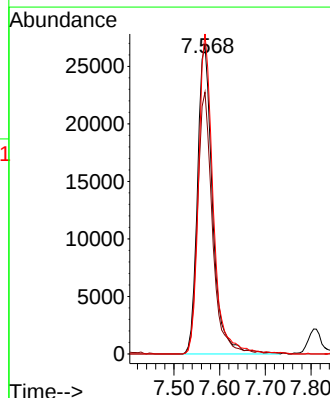
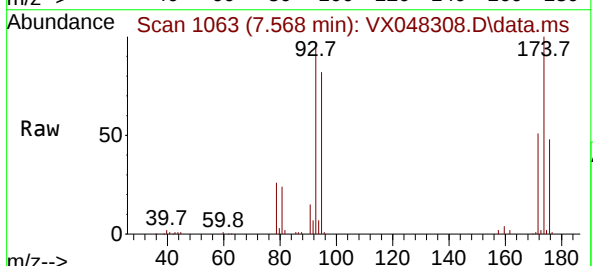
Tgt Ion: 93 Resp: 61658

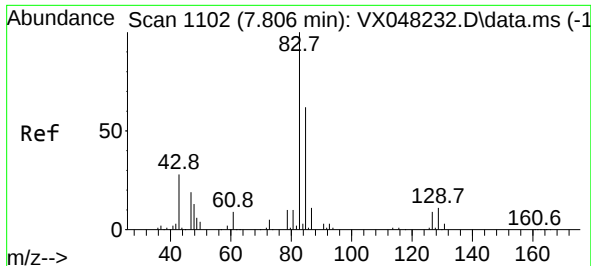
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

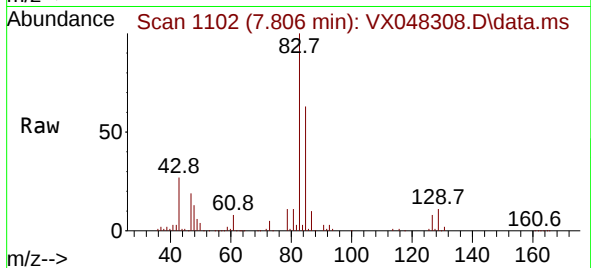
174 99.8 71.7 107.5





#47
Bromodichloromethane
Concen: 44.420 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

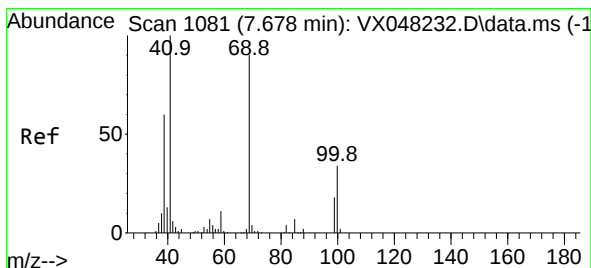
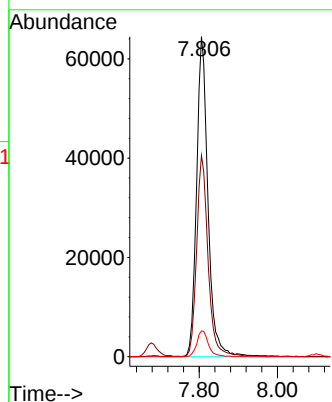
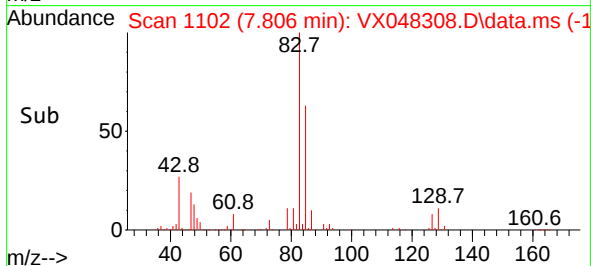
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 131135
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4
127 8.1 7.3 10.9

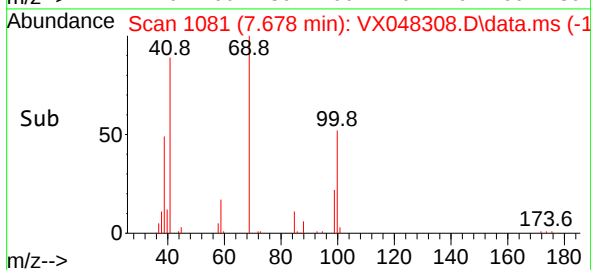
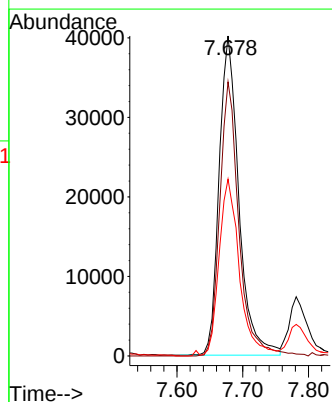
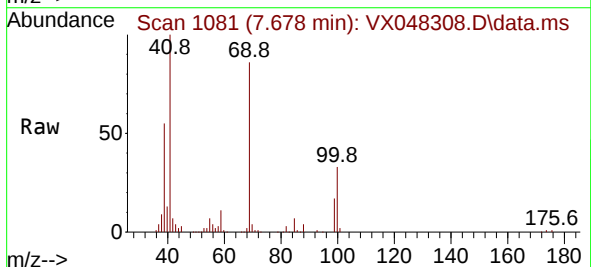
Manual Integrations
APPROVED

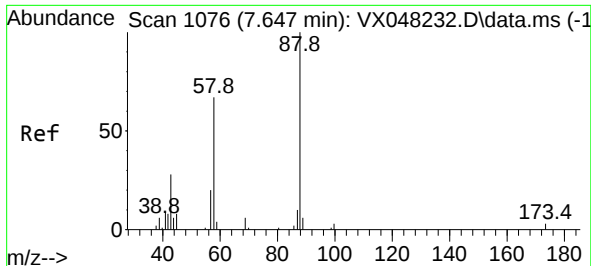
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#48
Methyl methacrylate
Concen: 48.050 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 41 Resp: 83930
Ion Ratio Lower Upper
41 100
69 83.1 63.4 95.0
39 56.3 47.1 70.7





#49

1,4-Dioxane

Concen: 879.716 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

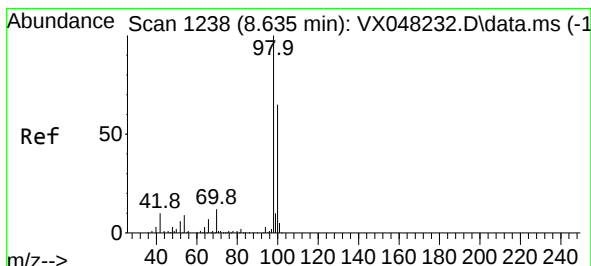
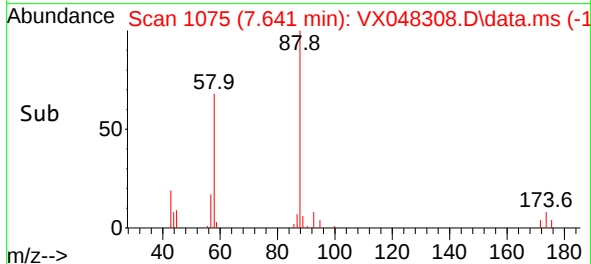
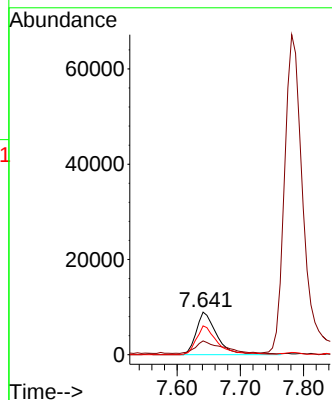
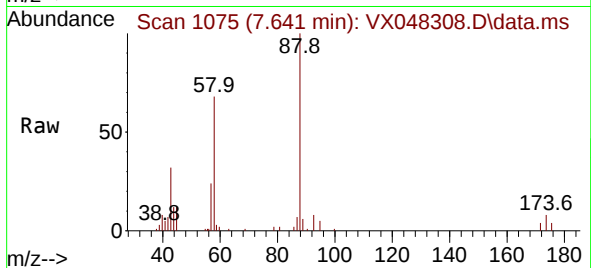
Tgt Ion:	88	Resp:	2030
Ion	Ratio	Lower	Upper
88	100		
43	37.9	35.0	52.4
58	69.5	61.9	92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#50

Toluene-d8

Concen: 48.945 ug/l

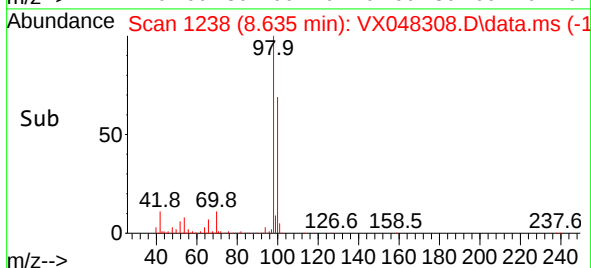
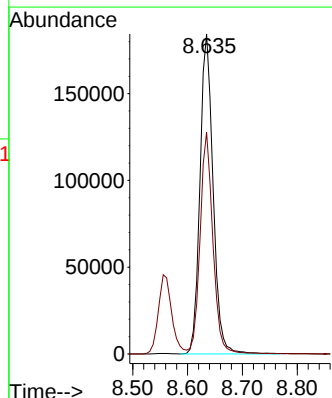
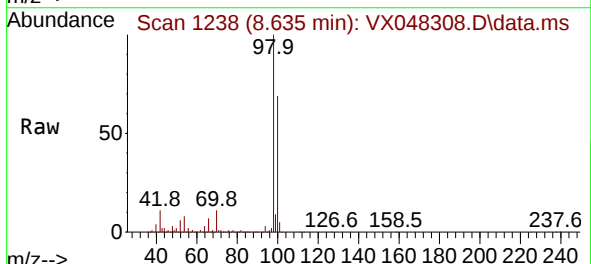
RT: 8.635 min Scan# 1238

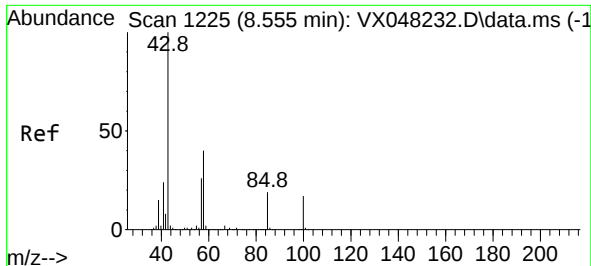
Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

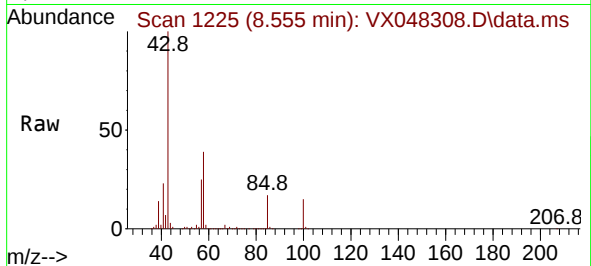
Tgt Ion:	98	Resp:	306881
Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 259.006 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

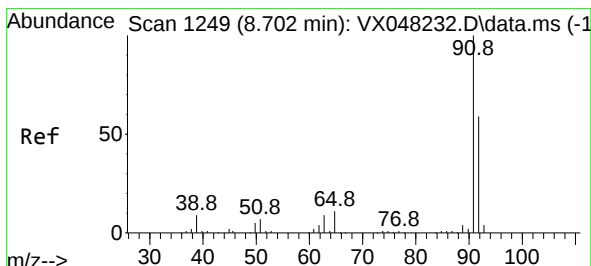
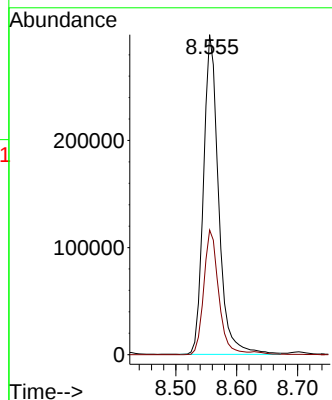
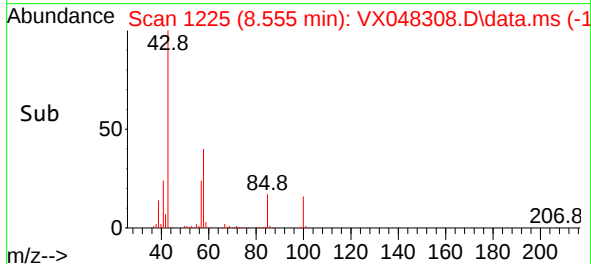
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 51693
Ion Ratio Lower Upper
43 100
58 38.5 29.5 44.3

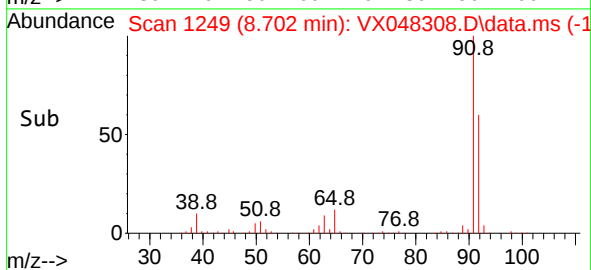
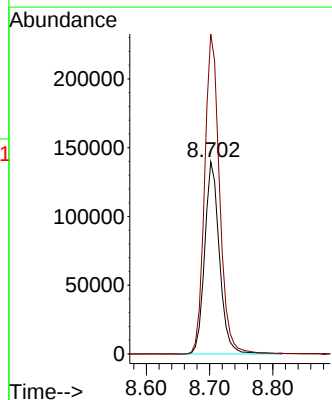
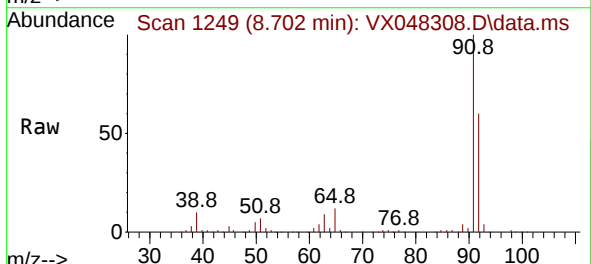
Manual Integrations
APPROVED

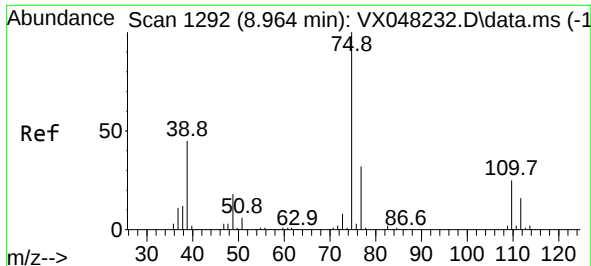
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#52
Toluene
Concen: 48.329 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 92 Resp: 226635
Ion Ratio Lower Upper
92 100
91 169.3 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 43.501 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 12375

Ion Ratio Lower Upper

75 100

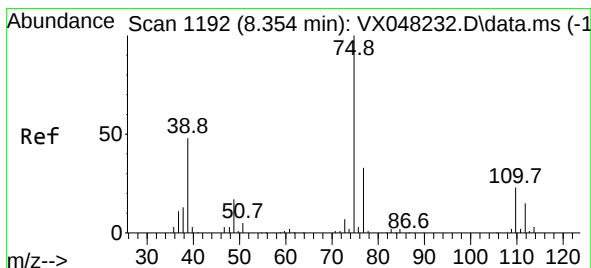
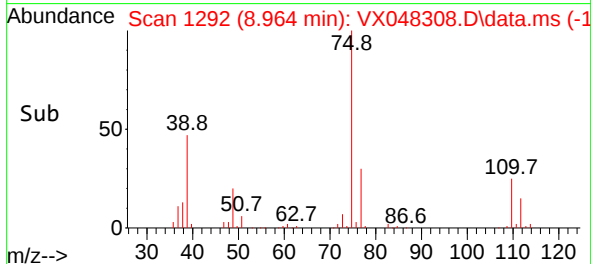
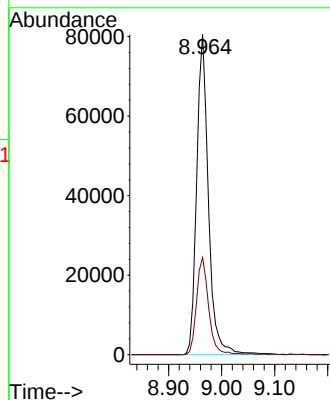
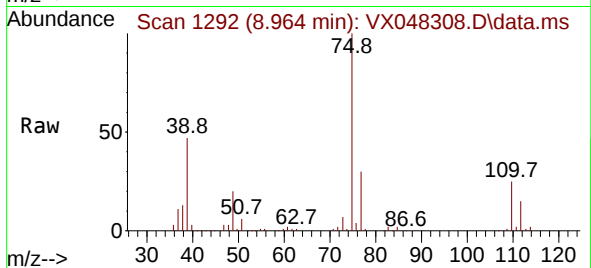
77 30.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#54

cis-1,3-Dichloropropene

Concen: 42.840 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

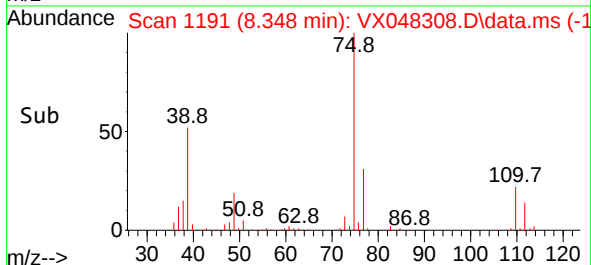
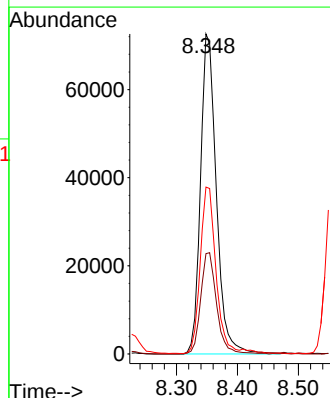
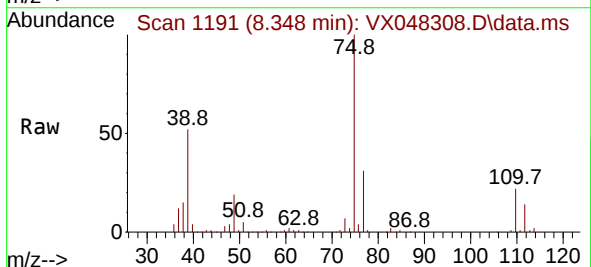
Tgt Ion: 75 Resp: 131492

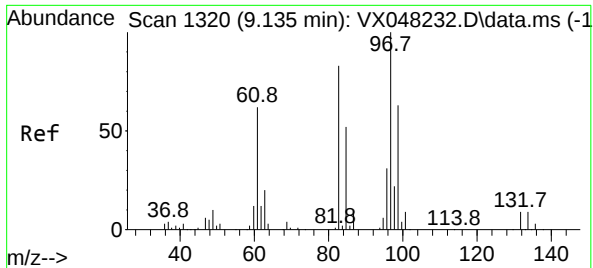
Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3

39 51.9 42.6 64.0





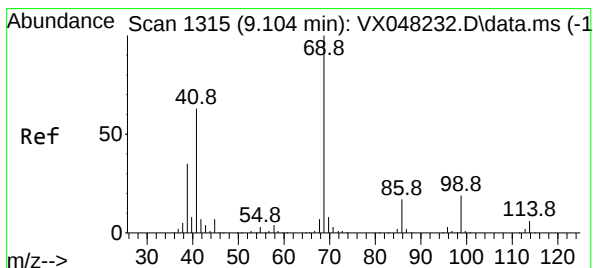
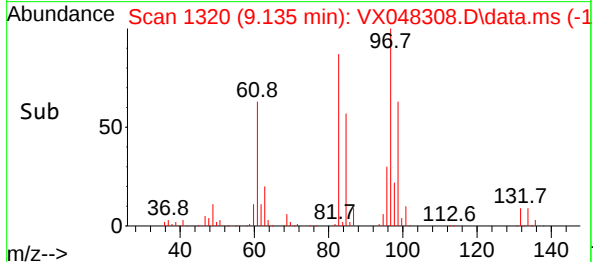
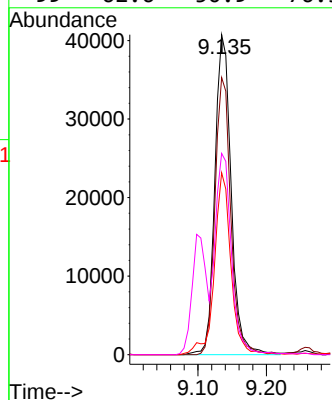
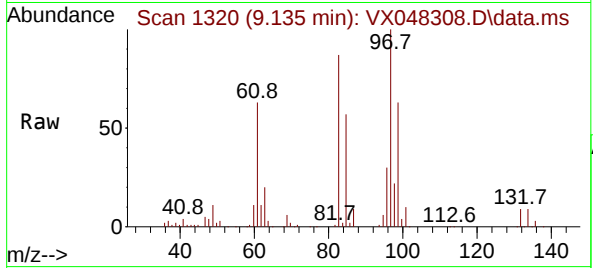
#55
1,1,2-Trichloroethane
Concen: 38.524 ug/l
RT: 9.135 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97	Resp: 6718
Ion Ratio	Lower Upper
97 100	
83 86.6	70.6 105.8
85 56.9	45.0 67.6
99 62.6	50.9 76.3

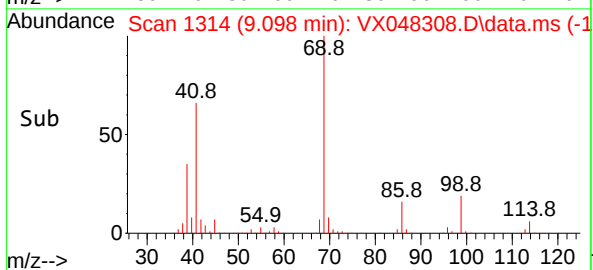
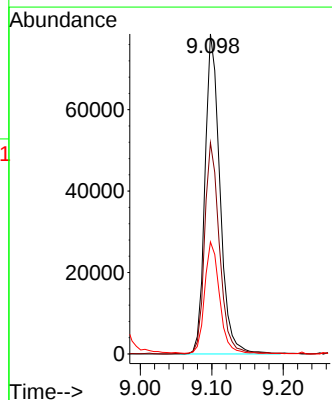
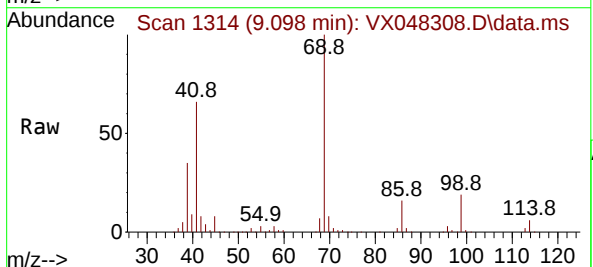
Manual Integrations
APPROVED

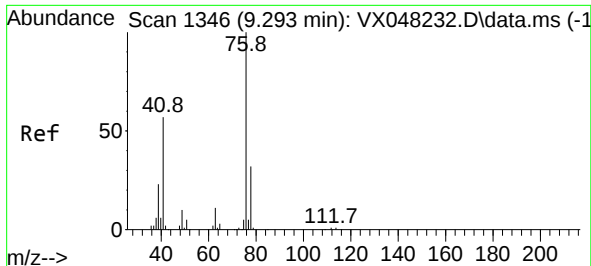
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#56
Ethyl methacrylate
Concen: 44.971 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 69	Resp: 114708
Ion Ratio	Lower Upper
69 100	
41 65.4	56.0 84.0
39 34.8	31.6 47.4





#57

1,3-Dichloropropane

Concen: 31.867 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9492

Ion Ratio Lower Upper

76 100

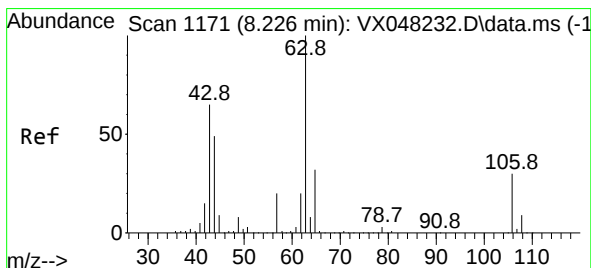
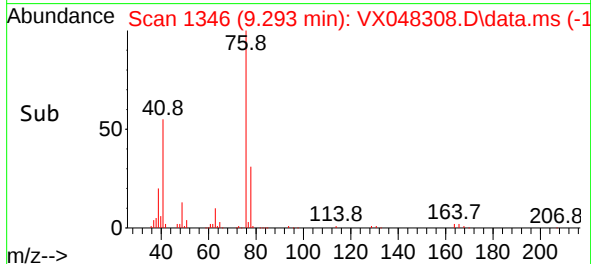
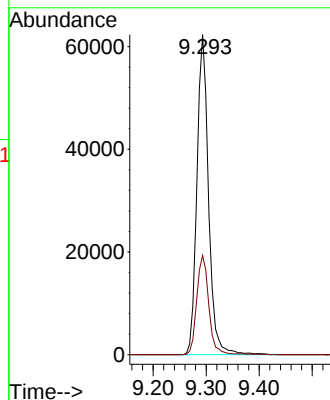
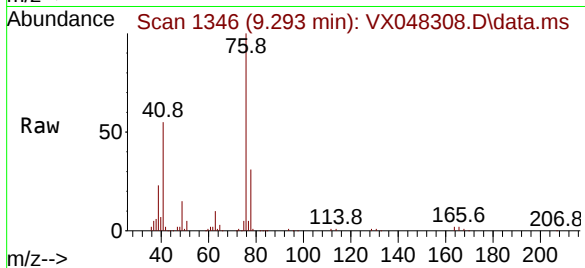
78 32.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 255.410 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048308.D

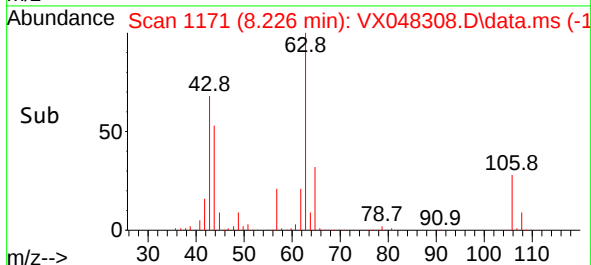
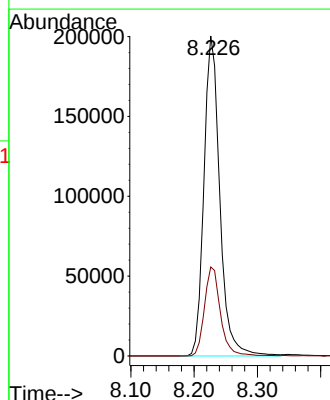
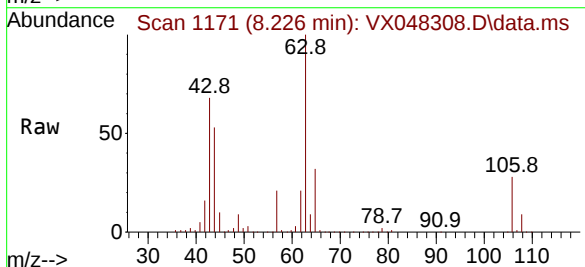
Acq: 22 Oct 2025 18:36

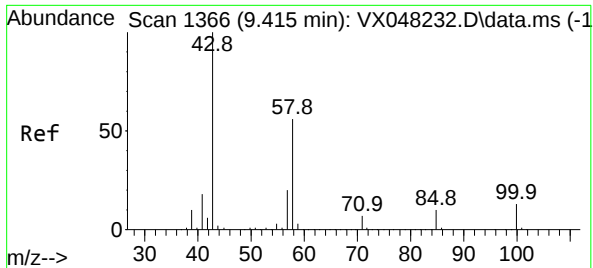
Tgt Ion: 63 Resp: 350352

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.2





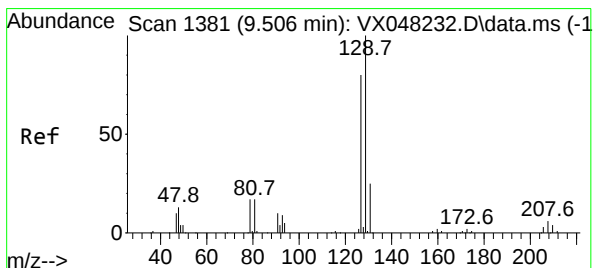
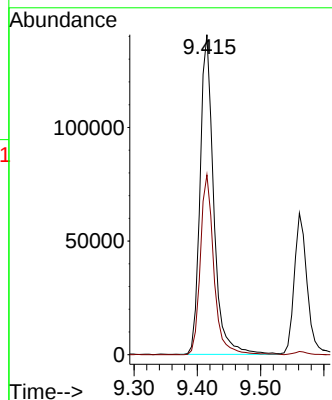
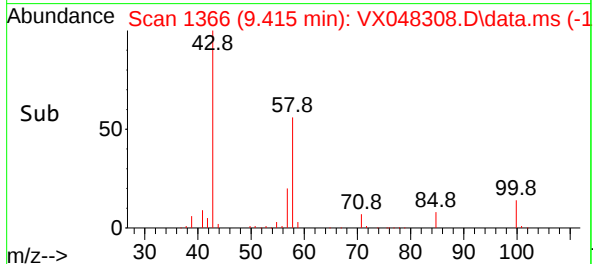
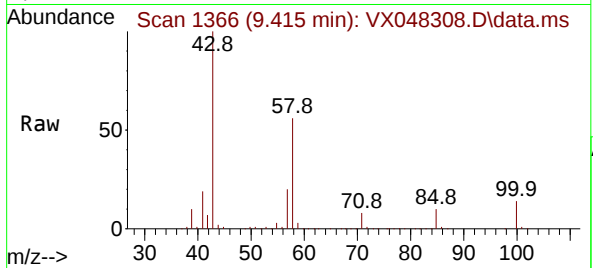
#59
2-Hexanone
Concen: 151.826 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 211292
Ion Ratio Lower Upper
43 100
58 56.0 26.3 78.8

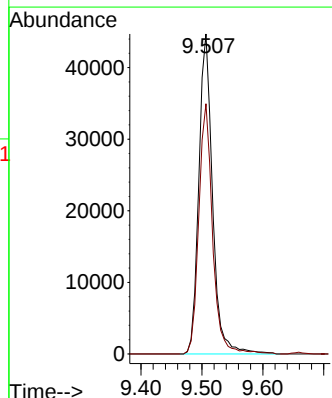
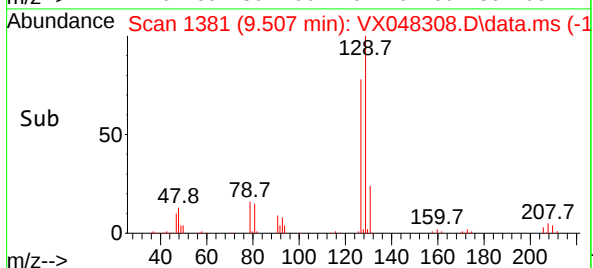
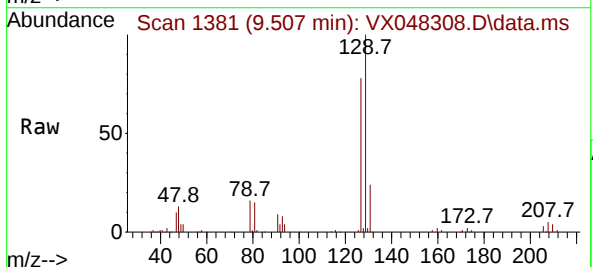
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 29.838 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

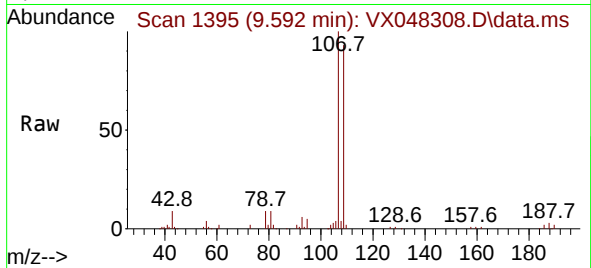
Tgt Ion:129 Resp: 69937
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.7





#61
1,2-Dibromoethane
Concen: 31.036 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

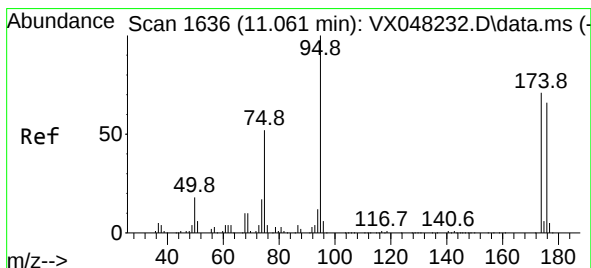
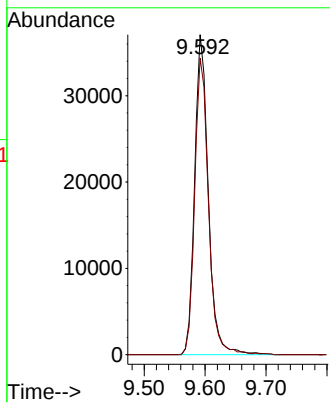
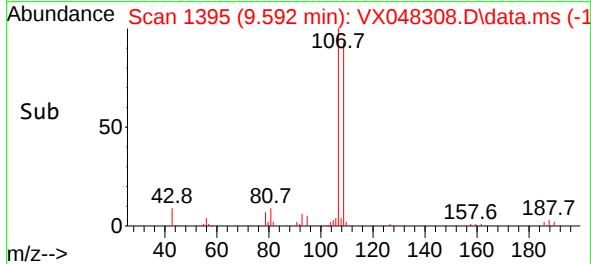
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 57700
Ion Ratio Lower Upper
107 100
109 93.2 77.0 115.4

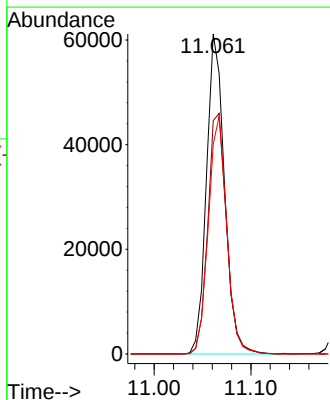
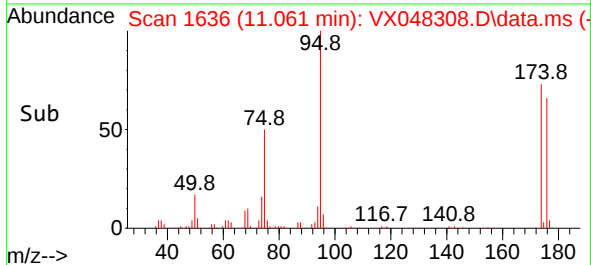
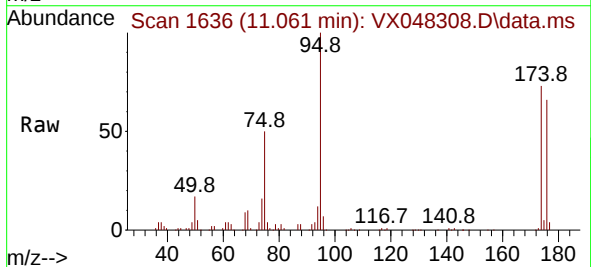
Manual Integrations
APPROVED

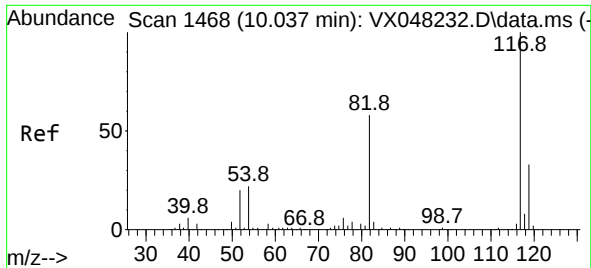
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#62
4-Bromofluorobenzene
Concen: 33.314 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

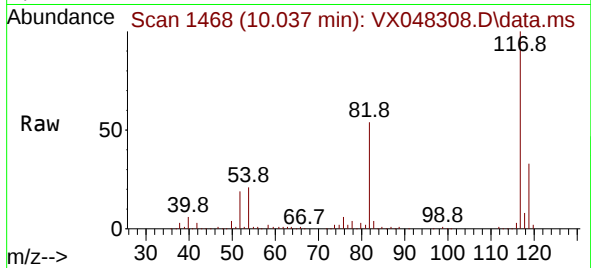
Tgt Ion: 95 Resp: 79463
Ion Ratio Lower Upper
95 100
174 78.2 0.0 147.8
176 75.5 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

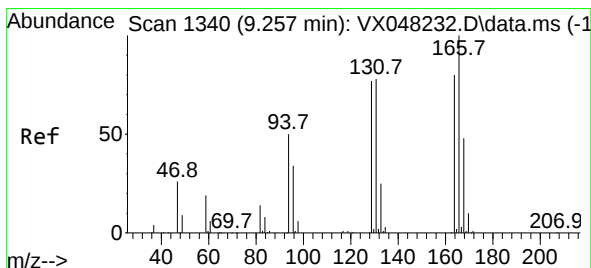
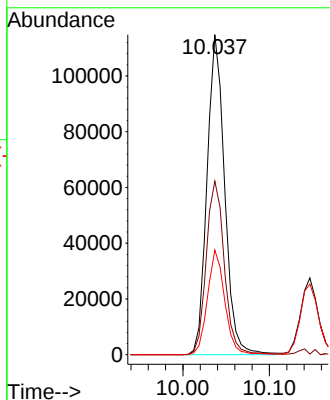
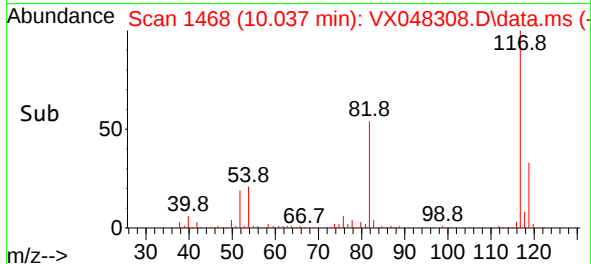
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 162404
Ion Ratio Lower Upper
117 100
82 54.2 46.5 69.7
119 32.7 25.9 38.9

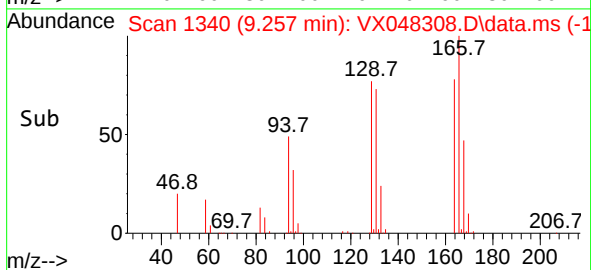
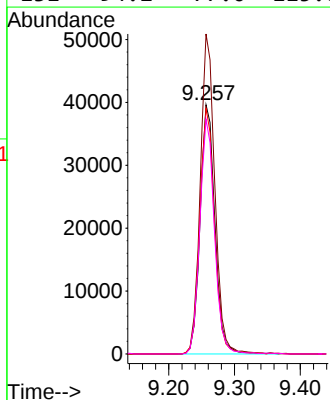
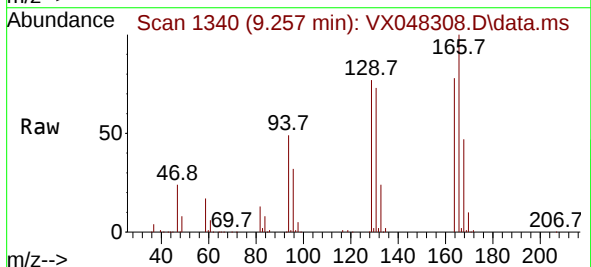
Manual Integrations
APPROVED

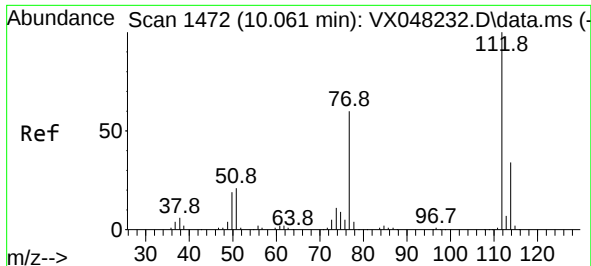
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#64
Tetrachloroethene
Concen: 51.141 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:164 Resp: 62003
Ion Ratio Lower Upper
164 100
166 128.4 104.5 156.7
129 98.6 81.8 122.6
131 94.2 77.0 115.6





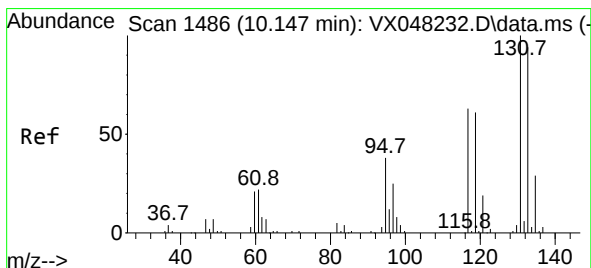
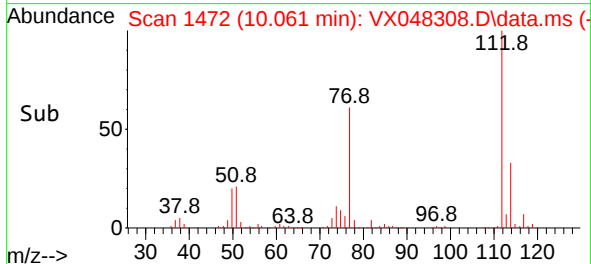
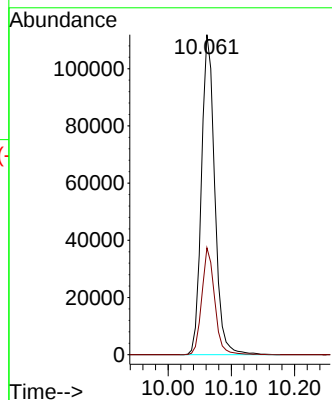
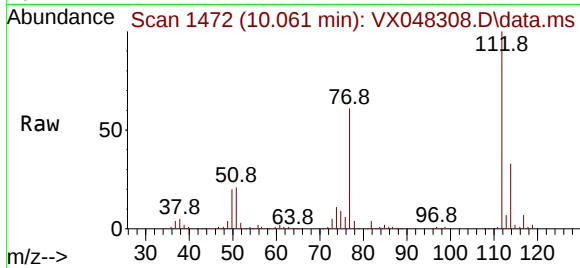
#65
Chlorobenzene
Concen: 44.931 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 16414
Ion Ratio Lower Upper
112 100
114 33.4 26.2 39.2

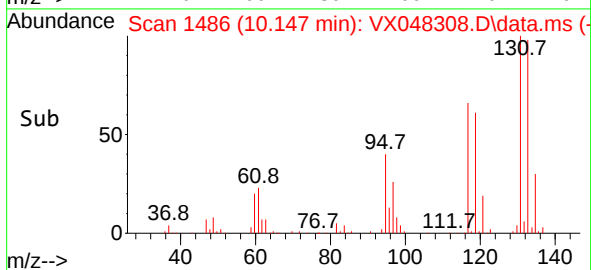
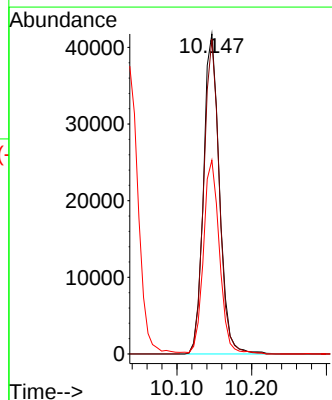
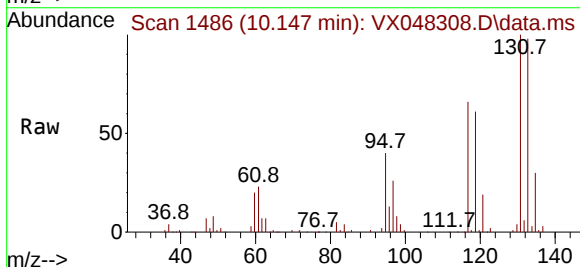
Manual Integrations
APPROVED

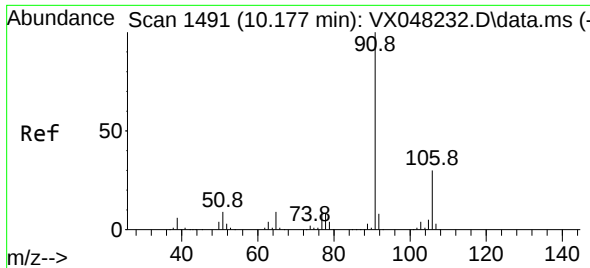
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 45.916 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

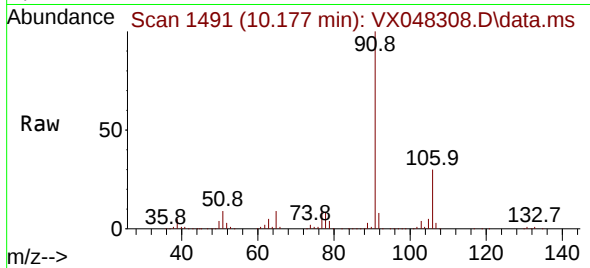
Tgt Ion:131 Resp: 61612
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.8
119 61.3 32.5 97.5





#67
Ethyl Benzene
Concen: 45.820 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

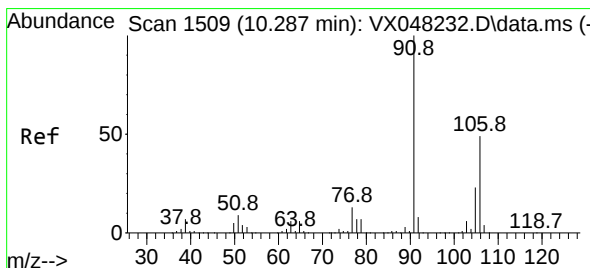
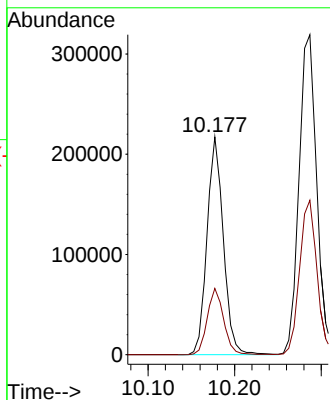
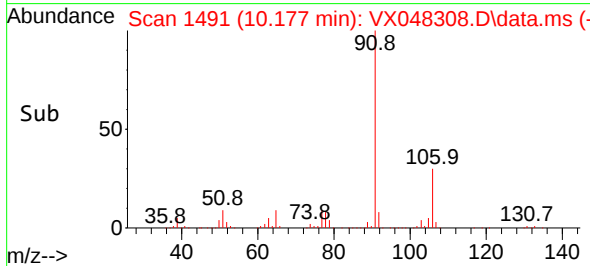
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



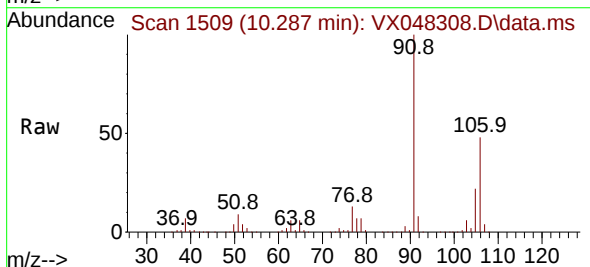
Tgt Ion: 91 Resp: 285000
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6

Manual Integrations
APPROVED

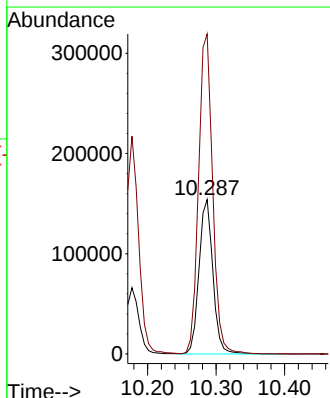
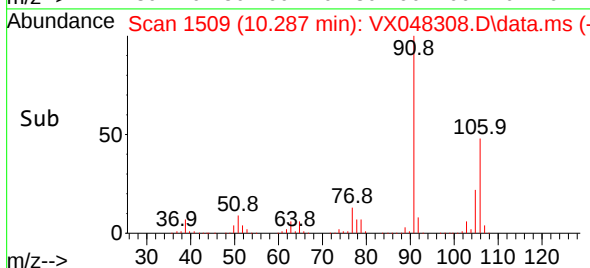
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

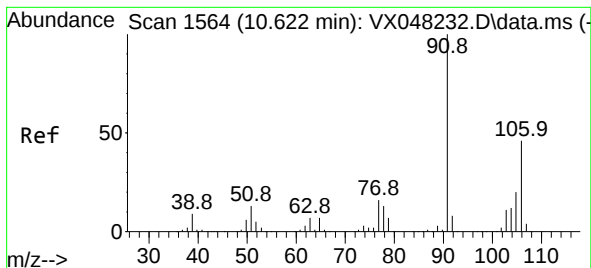


#68
m/p-Xylenes
Concen: 93.917 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36



Tgt Ion:106 Resp: 217045
Ion Ratio Lower Upper
106 100
91 210.6 167.9 251.9





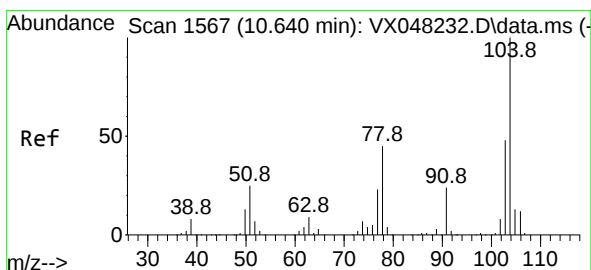
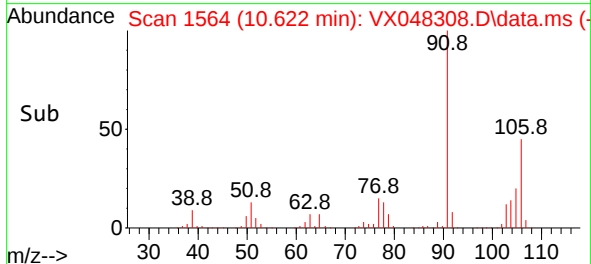
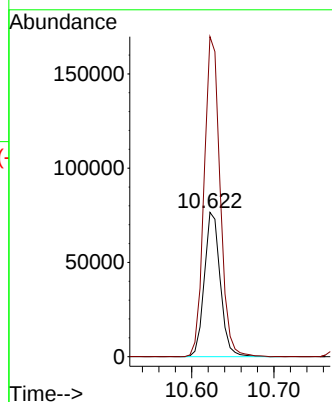
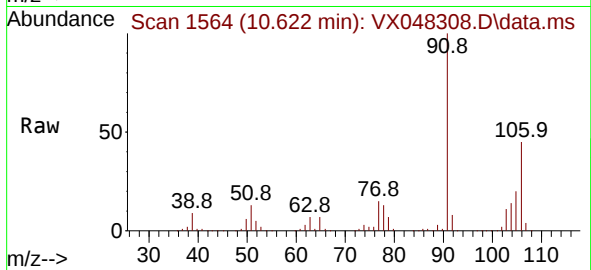
#69
o-Xylene
Concen: 46.180 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 103030
Ion Ratio Lower Upper
106 100
91 222.9 111.3 333.9

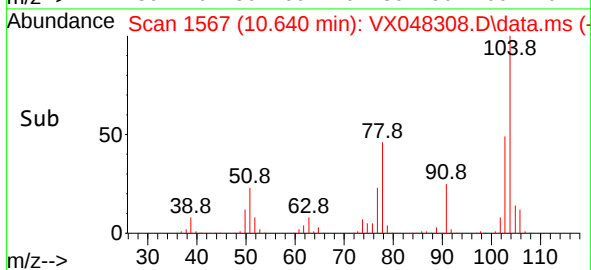
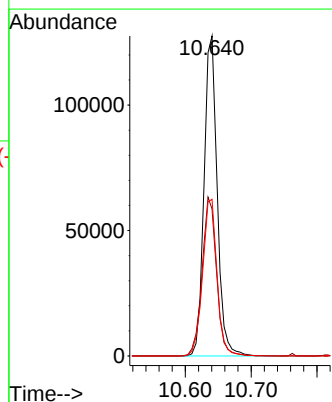
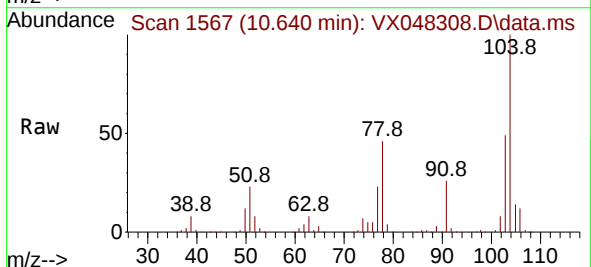
Manual Integrations
APPROVED

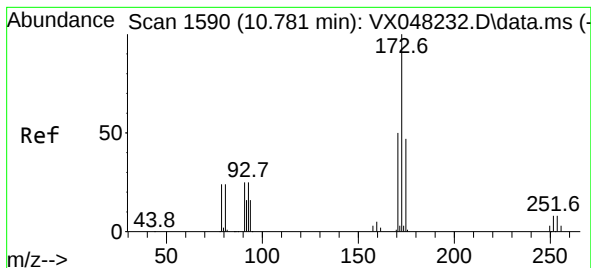
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#70
Styrene
Concen: 46.785 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:104 Resp: 177742
Ion Ratio Lower Upper
104 100
78 54.2 42.2 63.4
103 53.8 43.0 64.4





#71

Bromoform

Concen: 42.089 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

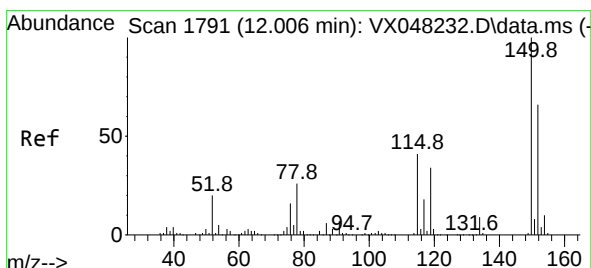
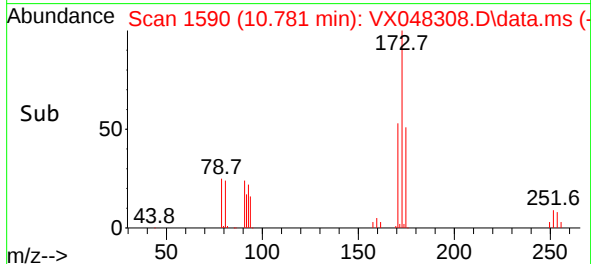
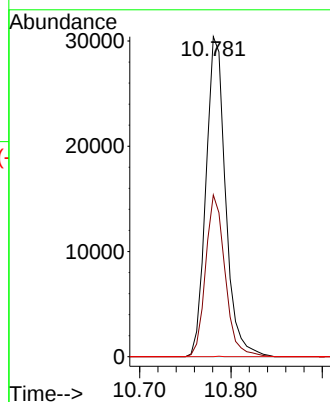
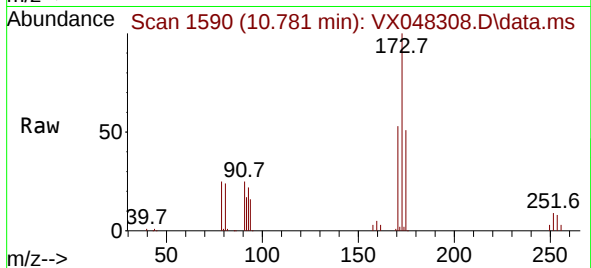
Tgt Ion:173 Resp: 45139
 Ion Ratio Lower Upper
 173 100
 175 50.2 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

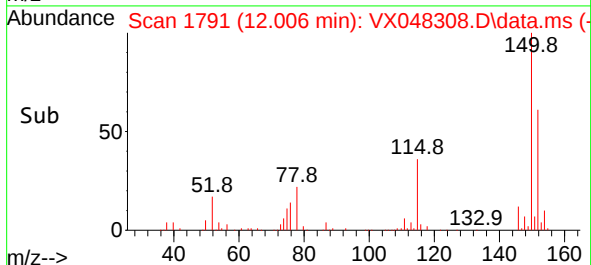
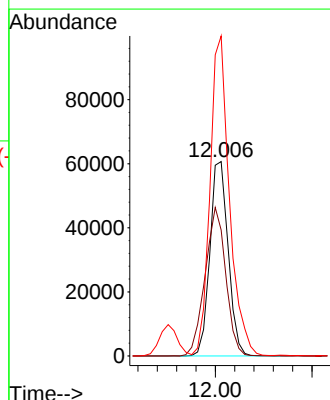
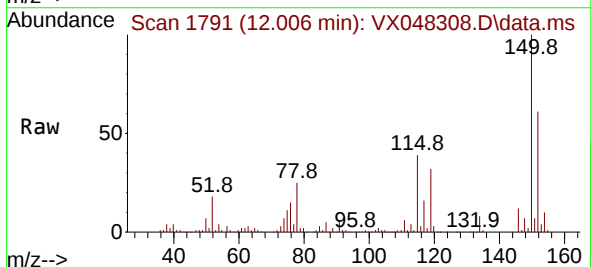
RT: 12.006 min Scan# 1791

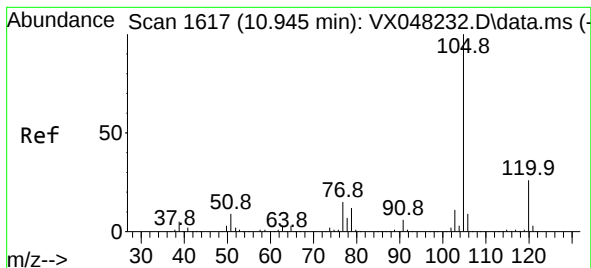
Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Tgt Ion:152 Resp: 79762
 Ion Ratio Lower Upper
 152 100
 115 86.4 43.1 129.4
 150 173.7 0.0 353.0





#73

Isopropylbenzene

Concen: 48.063 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 280000

Ion Ratio Lower Upper

105 100

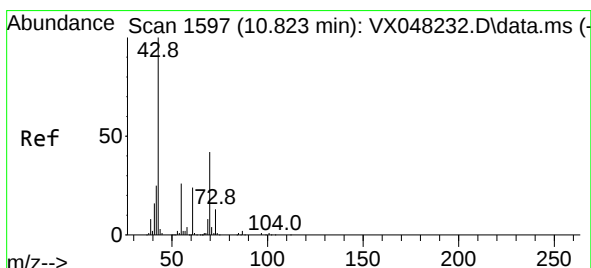
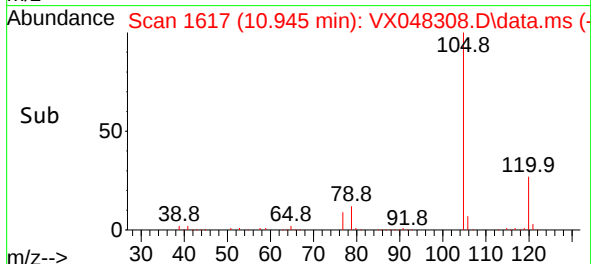
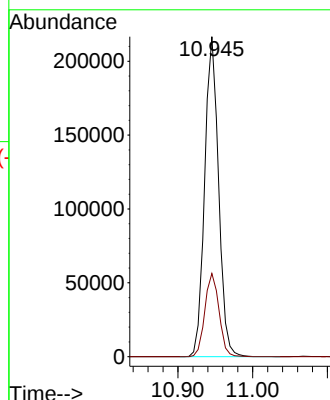
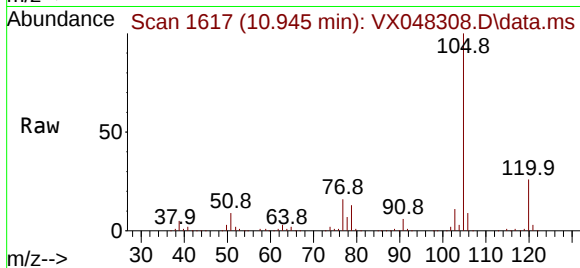
120 26.4 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#74

N-ethyl acetate

Concen: 45.596 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 94223

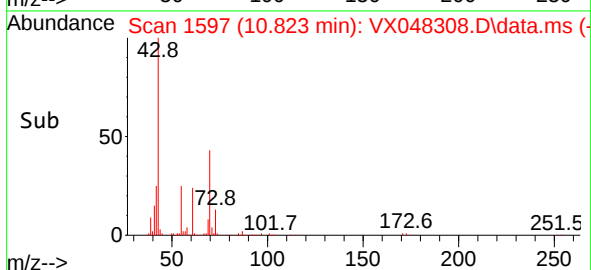
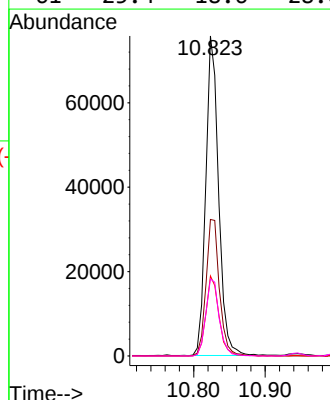
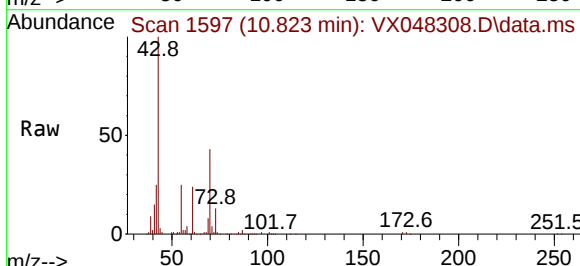
Ion Ratio Lower Upper

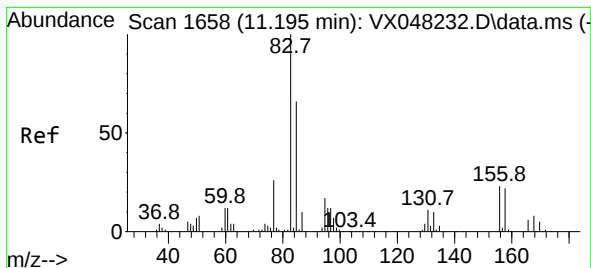
43 100

70 44.9 32.2 48.2

55 25.4 19.1 28.7

61 25.4 18.6 28.0





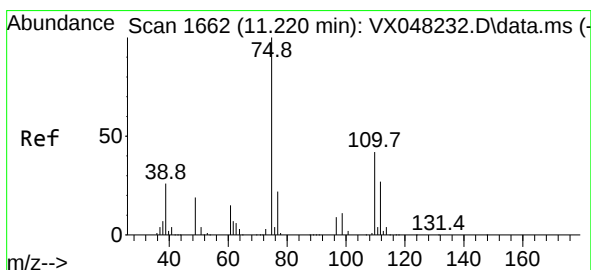
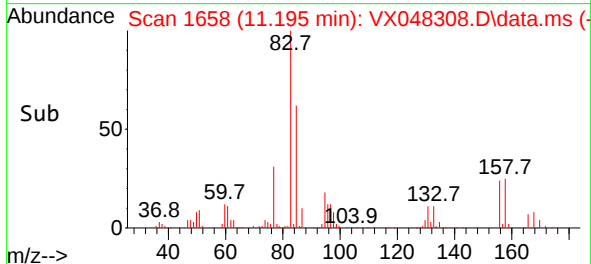
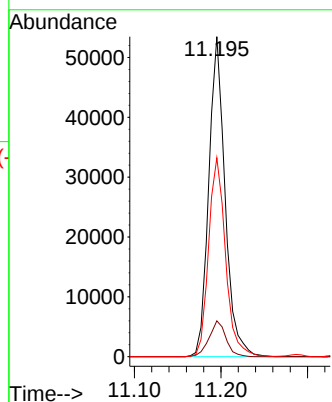
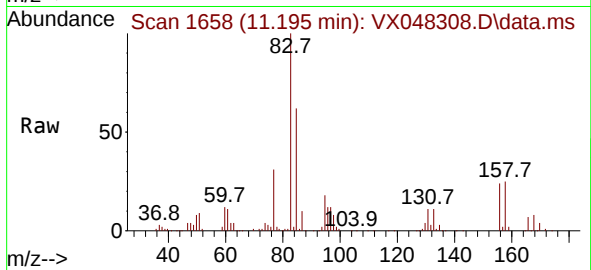
#75
1,1,2,2-Tetrachloroethane
Concen: 44.003 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 7000
Ion Ratio Lower Upper
83 100
131 11.6 4.8 14.4
85 64.7 31.9 95.7

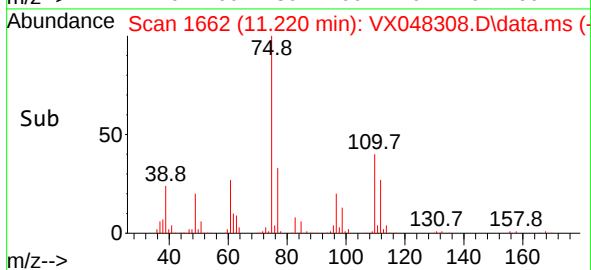
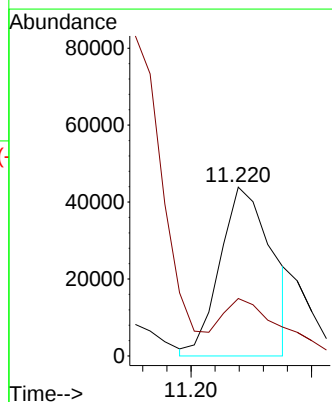
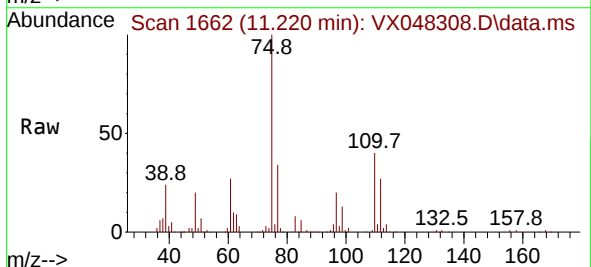
Manual Integrations
APPROVED

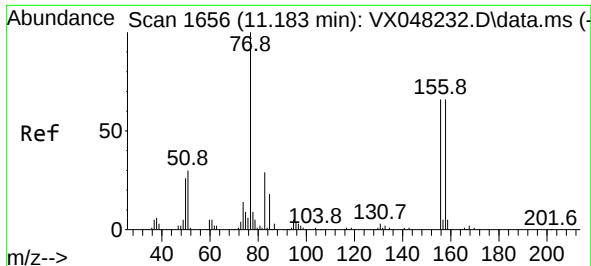
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#76
1,2,3-Trichloropropane
Concen: 50.768 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 65667
Ion Ratio Lower Upper
75 100
77 38.0 22.4 67.2





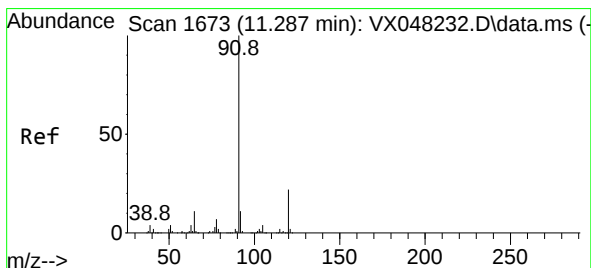
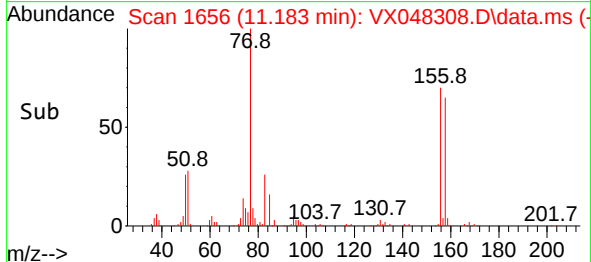
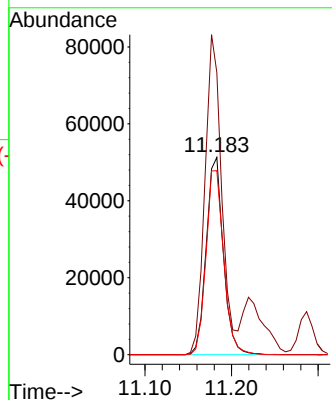
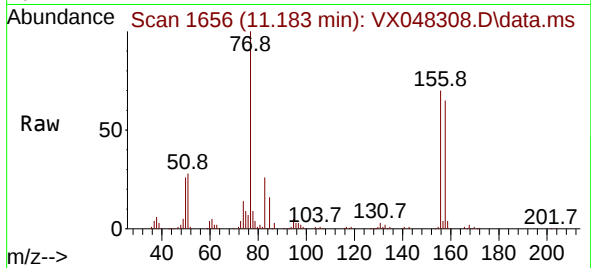
#77
Bromobenzene
Concen: 48.168 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 7036
Ion Ratio Lower Upper
156 100
77 158.9 87.0 261.0
158 96.8 47.8 143.4

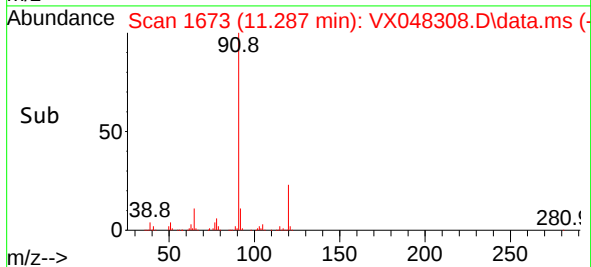
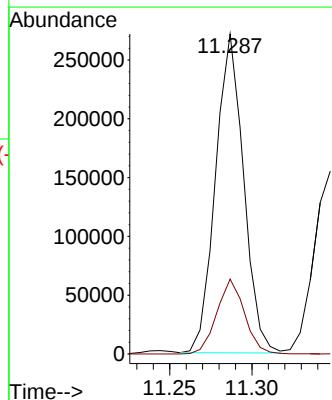
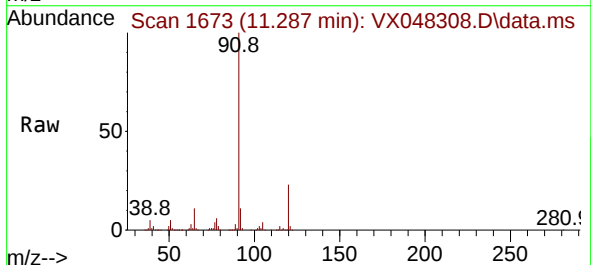
Manual Integrations
APPROVED

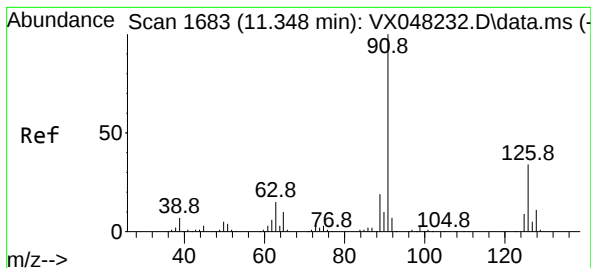
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#78
n-propylbenzene
Concen: 47.765 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 91 Resp: 322187
Ion Ratio Lower Upper
91 100
120 23.2 11.1 33.1





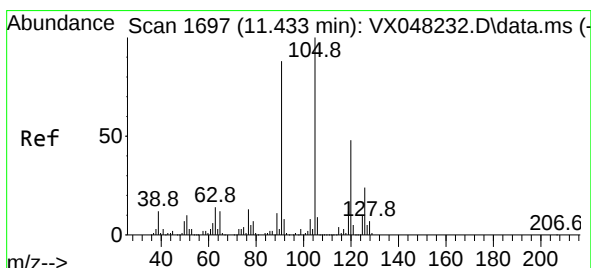
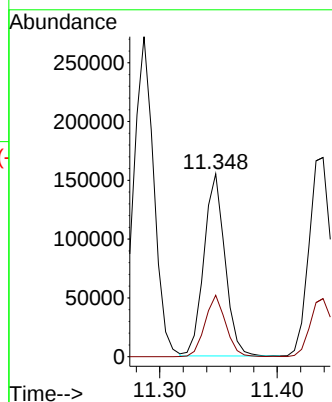
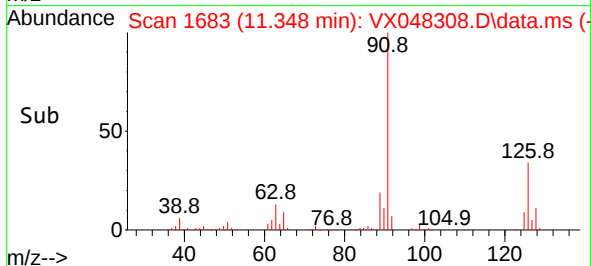
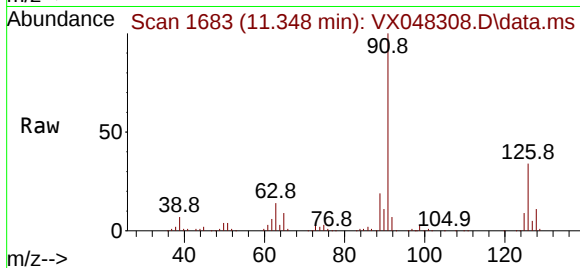
#79
2-Chlorotoluene
Concen: 47.160 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 19286
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.4

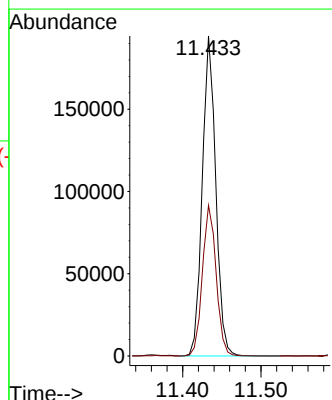
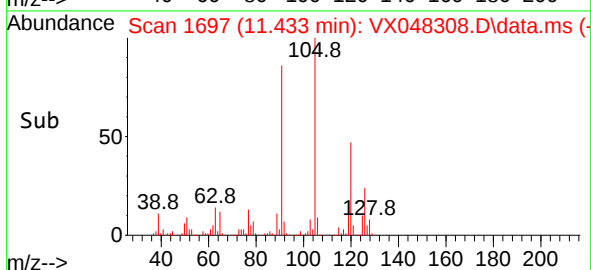
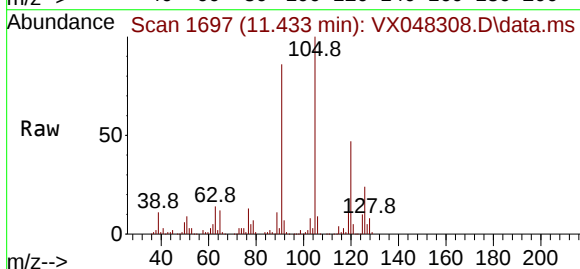
Manual Integrations
APPROVED

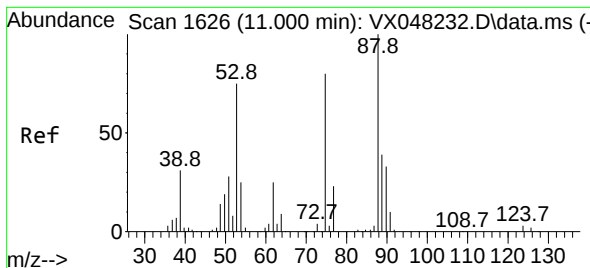
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.075 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

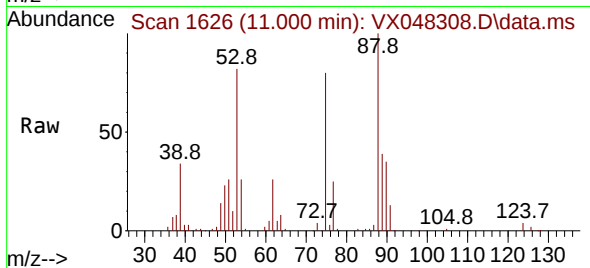
Tgt Ion:105 Resp: 231776
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 32.856 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

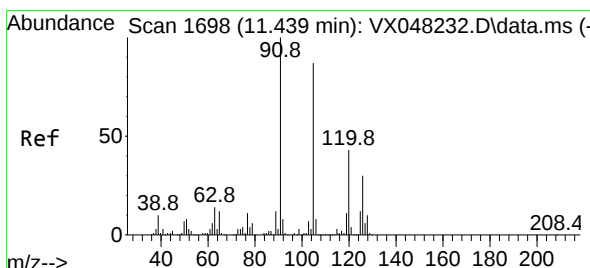
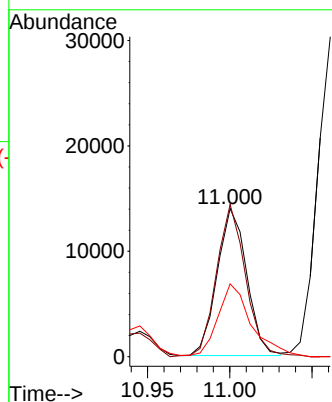
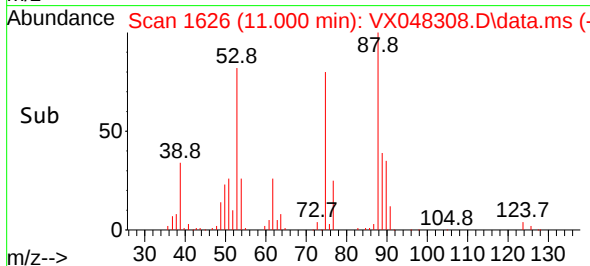
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



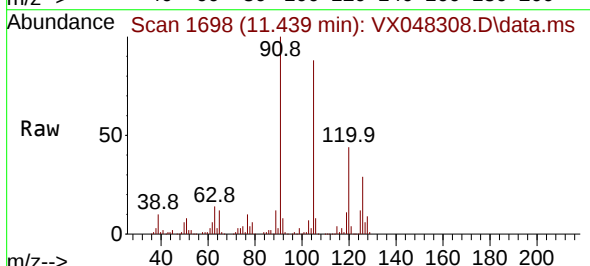
Tgt Ion: 75 Resp: 17468
Ion Ratio Lower Upper
75 100
53 101.6 79.5 119.3
89 56.5 36.8 55.2

Manual Integrations
APPROVED

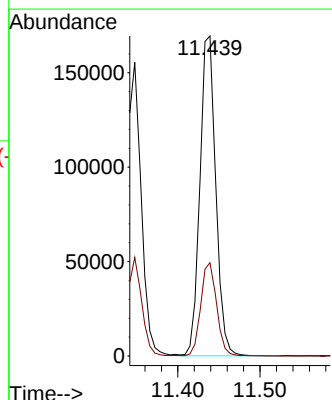
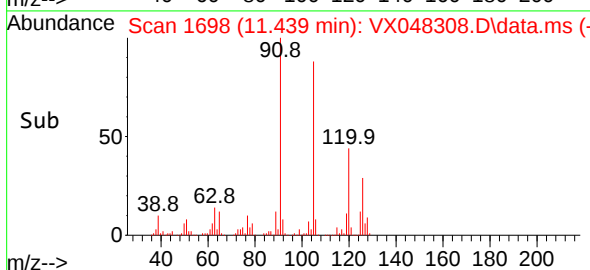
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

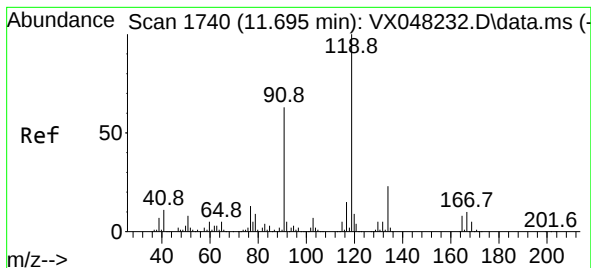


#82
4-Chlorotoluene
Concen: 46.681 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36



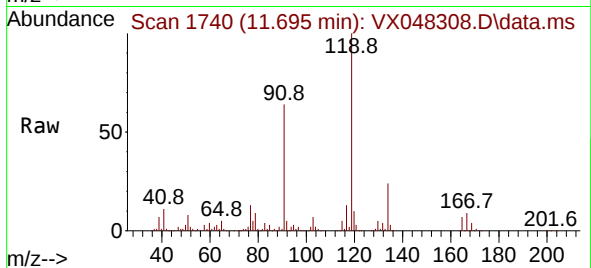
Tgt Ion: 91 Resp: 226624
Ion Ratio Lower Upper
91 100
126 29.2 14.1 42.4





#83
tert-Butylbenzene
Concen: 46.177 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

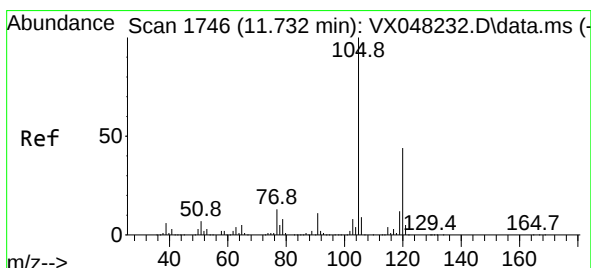
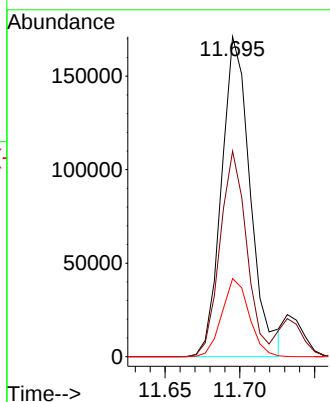
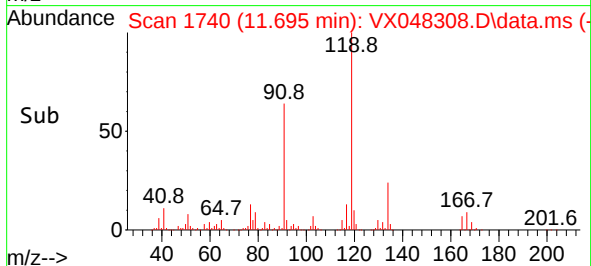
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



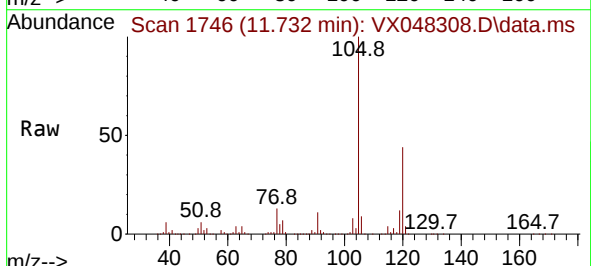
Tgt Ion:119 Resp: 22874
Ion Ratio Lower Upper
119 100
91 59.8 30.3 91.0
134 23.2 11.4 34.2

Manual Integrations
APPROVED

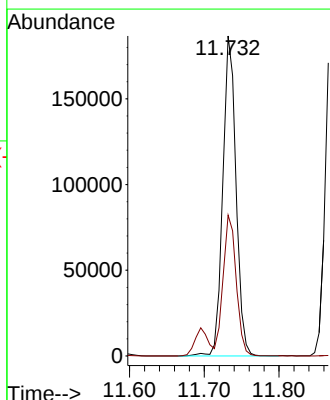
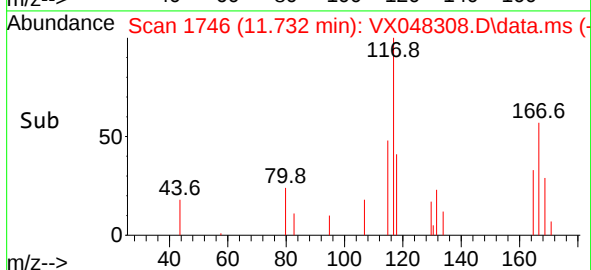
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

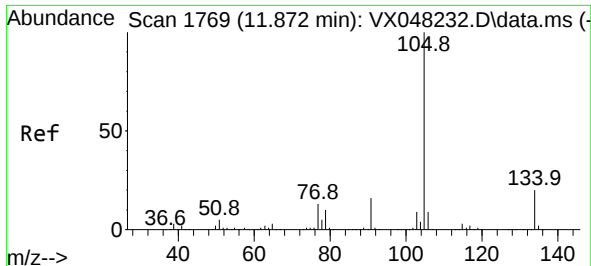


#84
1,2,4-Trimethylbenzene
Concen: 47.822 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36



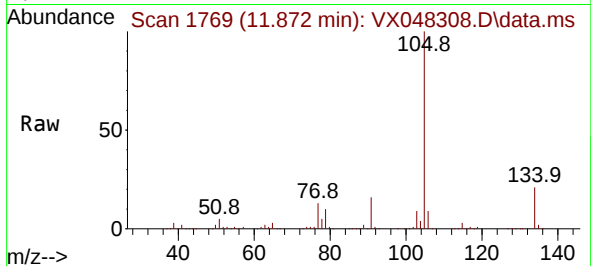
Tgt Ion:105 Resp: 230093
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 45.855 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

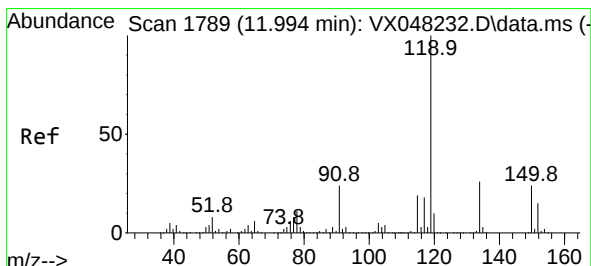
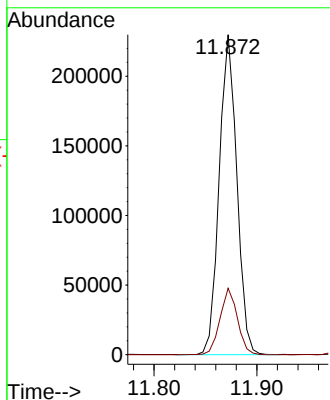
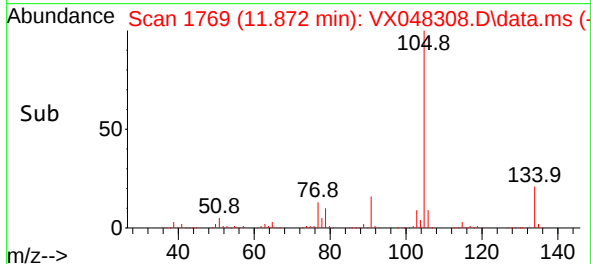
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



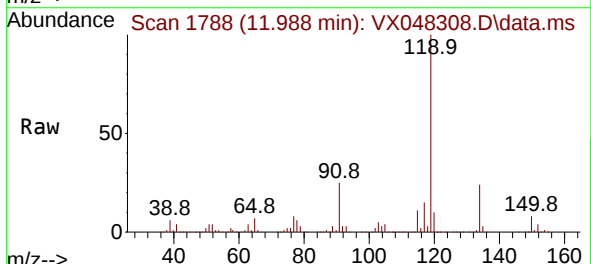
Tgt Ion:105 Resp: 27328
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

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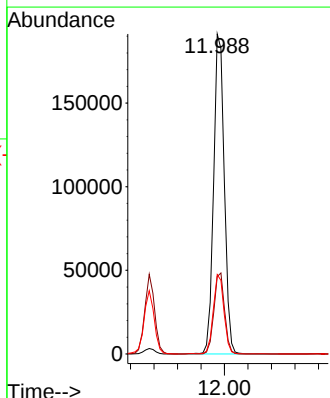
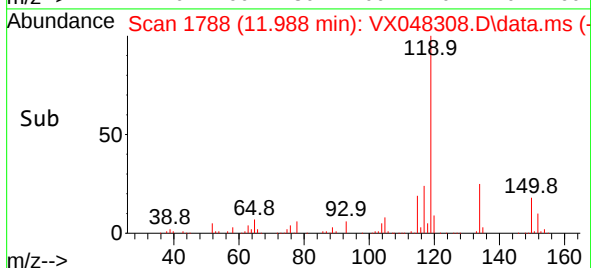
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

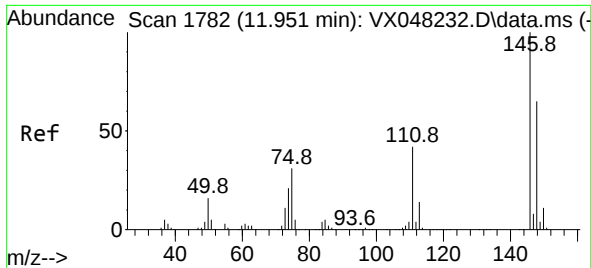


#86
 p-Isopropyltoluene
 Concen: 46.741 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36



Tgt Ion:119 Resp: 240774
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 44.479 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048308.D

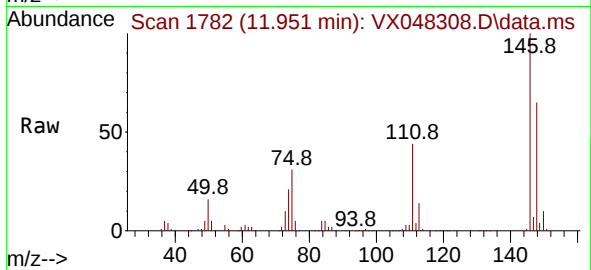
Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 122488

Ion Ratio Lower Upper

146 100

111 42.8 20.4 61.2

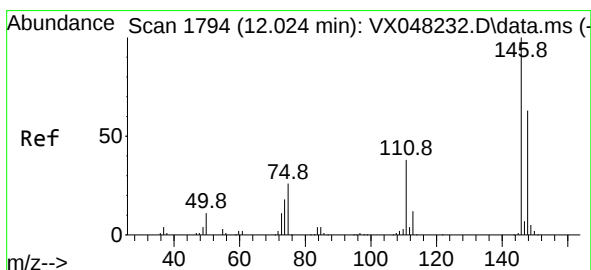
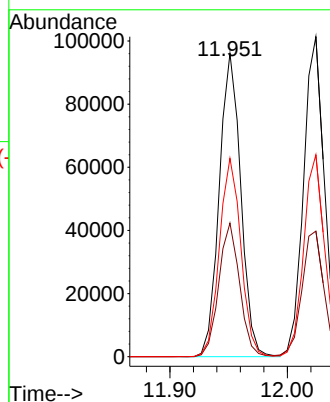
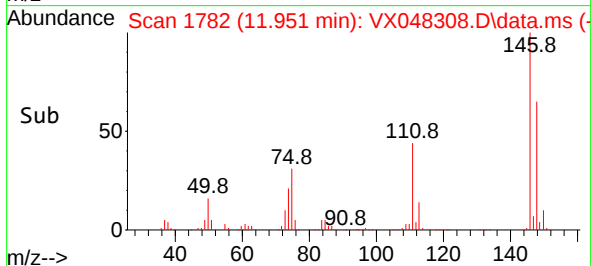
148 65.3 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#88

1,4-Dichlorobenzene

Concen: 43.891 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

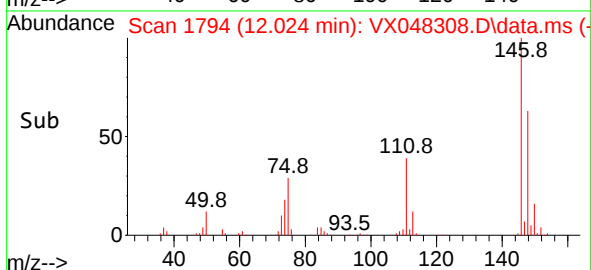
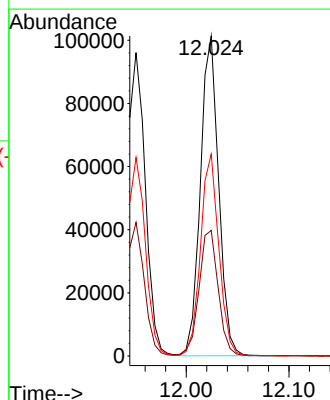
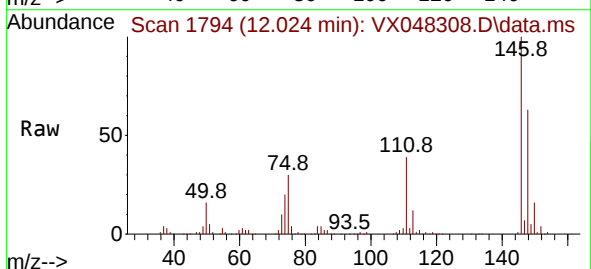
Tgt Ion:146 Resp: 125212

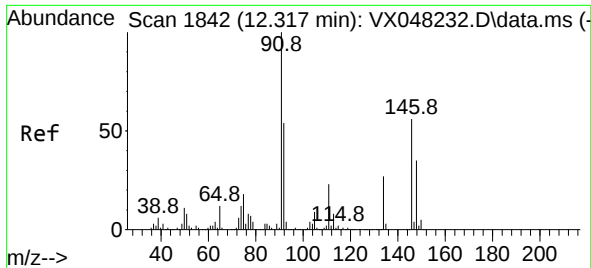
Ion Ratio Lower Upper

146 100

111 41.3 20.1 60.2

148 63.6 31.8 95.3





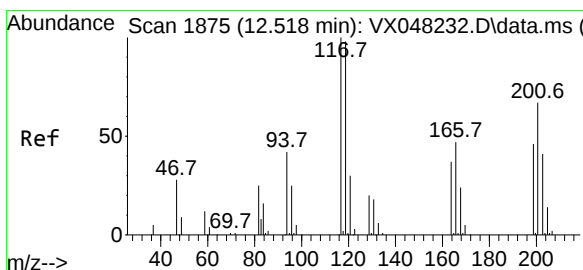
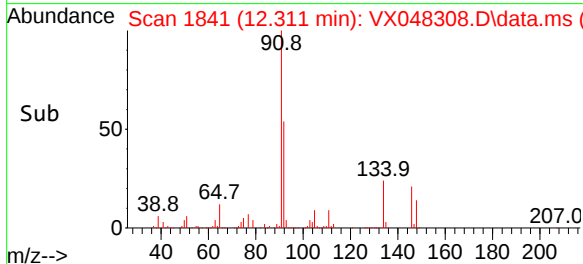
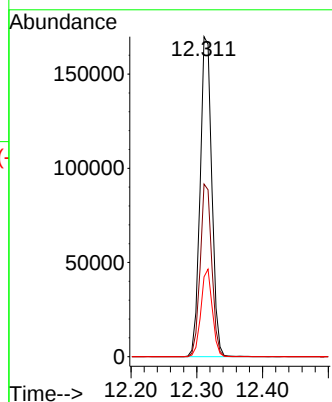
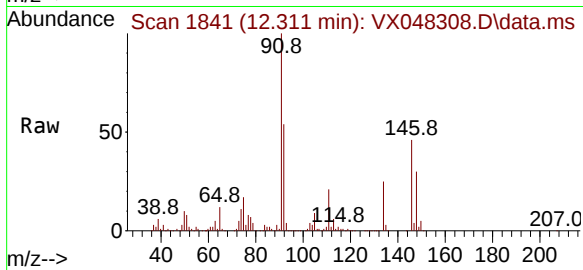
#89
n-Butylbenzene
Concen: 44.679 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 20948
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.6
134 26.5 12.7 38.1

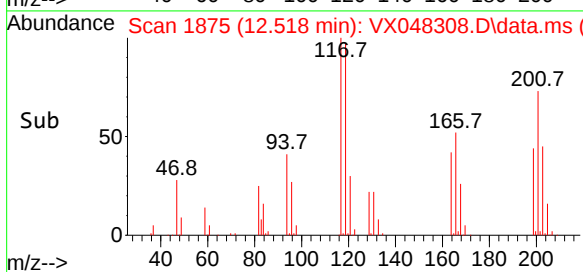
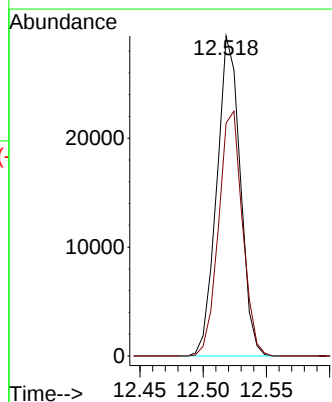
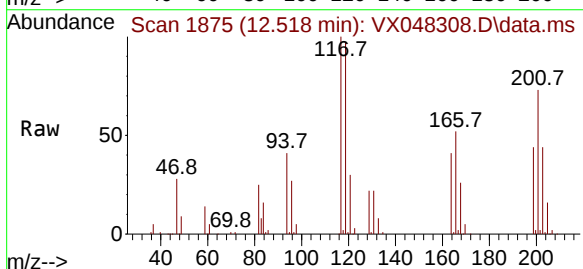
Manual Integrations
APPROVED

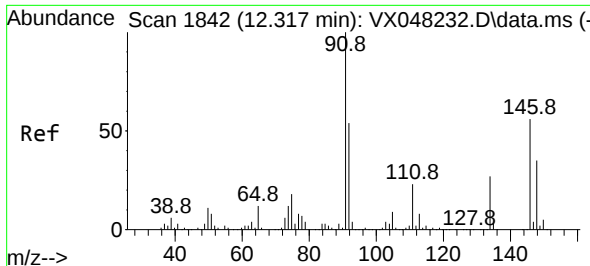
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#90
Hexachloroethane
Concen: 37.170 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

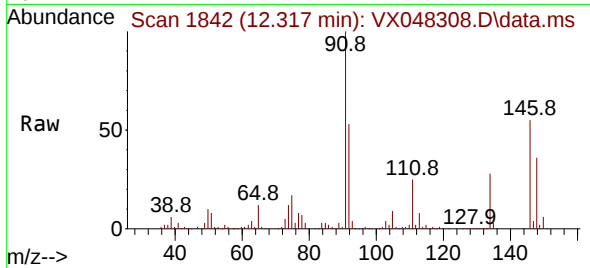
Tgt Ion:117 Resp: 37811
Ion Ratio Lower Upper
117 100
201 77.8 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 45.560 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

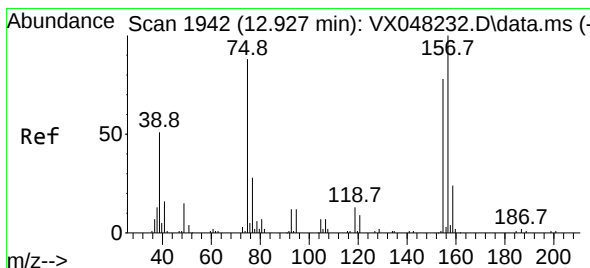
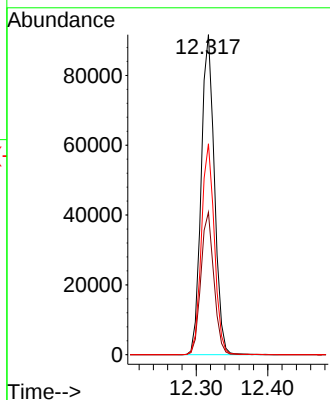
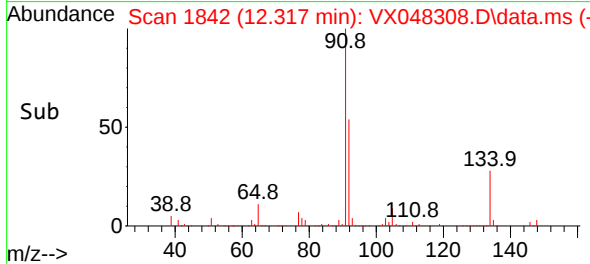
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 117790
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.5
148 64.7 31.9 95.5

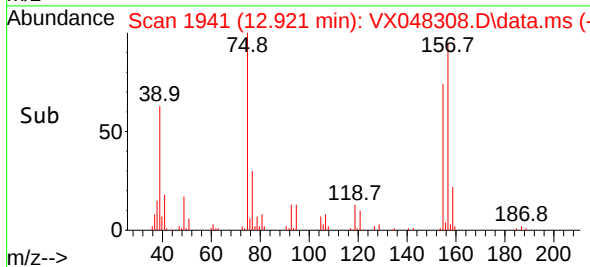
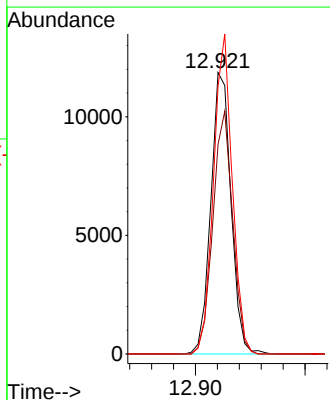
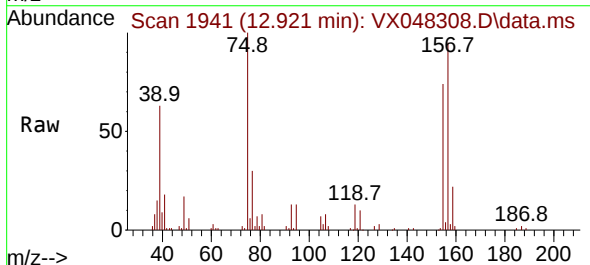
Manual Integrations
APPROVED

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



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.953 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

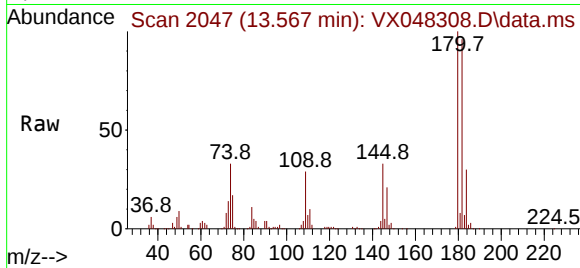
Tgt Ion: 75 Resp: 15163
Ion Ratio Lower Upper
75 100
155 84.9 42.8 128.4
157 105.9 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 46.736 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

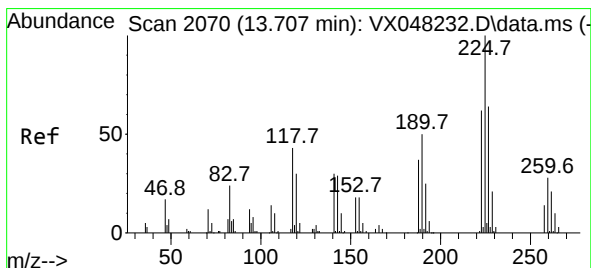
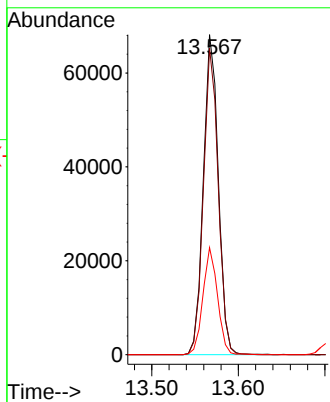
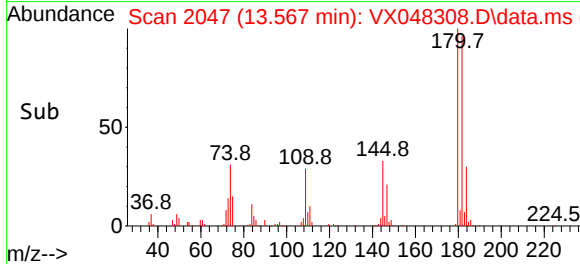
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



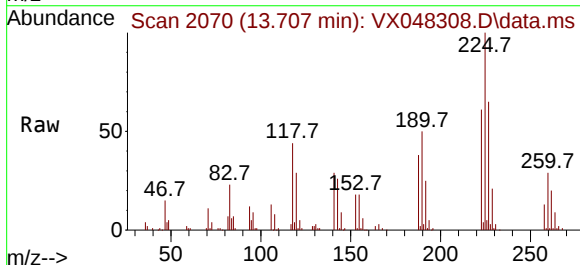
Tgt Ion:180 Resp: 8171
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 32.7 16.3 48.9

Manual Integrations
APPROVED

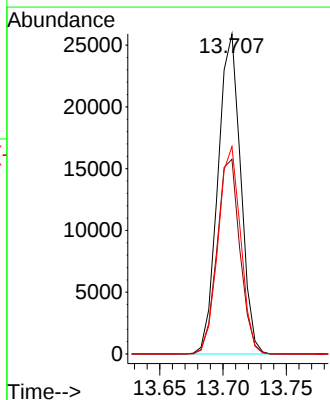
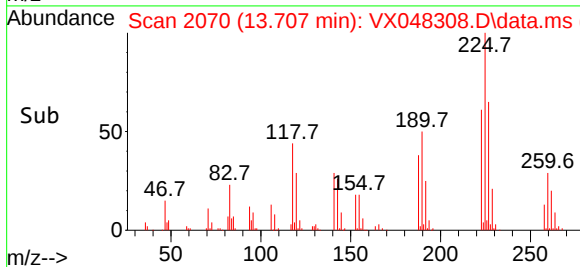
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

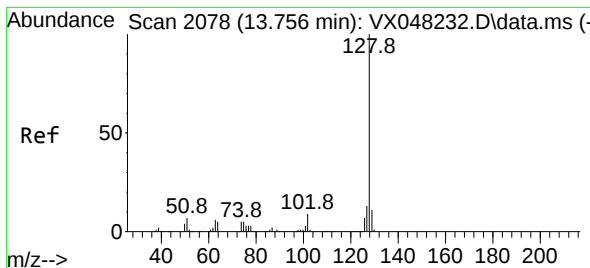


#94
Hexachlorobutadiene
Concen: 49.279 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36



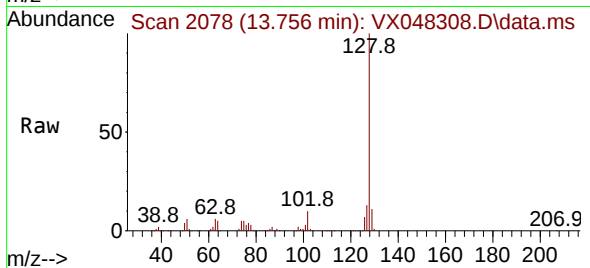
Tgt Ion:225 Resp: 32287
Ion Ratio Lower Upper
225 100
223 61.6 32.6 97.7
227 64.2 32.5 97.4





#95
Naphthalene
Concen: 47.634 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

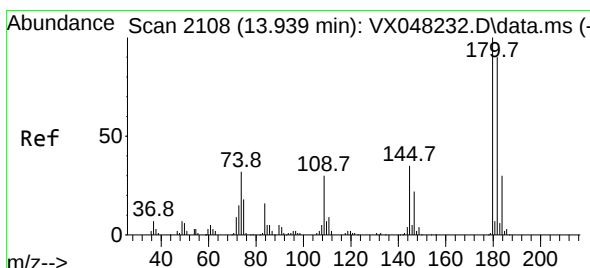
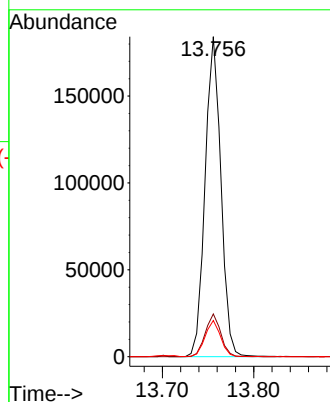
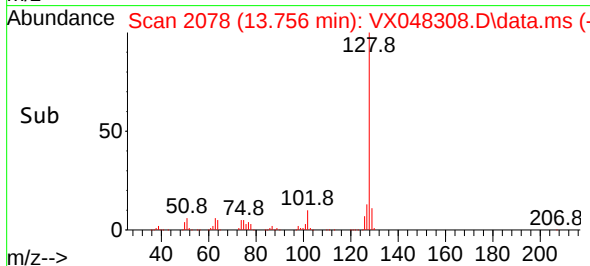
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 220659
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.1 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.178 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:180 Resp: 75696
Ion Ratio Lower Upper
180 100
182 95.8 46.6 139.7
145 35.1 16.9 50.7

