

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048202.D
 Acq On : 17 Oct 2025 10:16
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 17 23:53:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 17 23:49:03 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2025
 Supervised By : Mahesh Dadoda 10/20/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	133656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	228136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	202622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	98372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	202002	97.557	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 195.120%#			
35) Dibromofluoromethane	5.373	113	158514	100.115	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.220%#			
50) Toluene-d8	8.635	98	558638	97.937	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 195.880%#			
62) 4-Bromofluorobenzene	11.061	95	203127	97.772	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 195.540%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	141233	100.679	ug/l	97
3) Chloromethane	1.301	50	170903	100.564	ug/l	100
4) Vinyl Chloride	1.380	62	184502	103.031	ug/l	100
5) Bromomethane	1.612	94	120768	103.016	ug/l	99
6) Chloroethane	1.691	64	117828	103.395	ug/l	97
7) Trichlorofluoromethane	1.892	101	283265	100.778	ug/l	99
8) Diethyl Ether	2.136	74	99852	104.147	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	158867	100.299	ug/l	100
10) Methyl Iodide	2.453	142	216949	114.353	ug/l	99
11) Tert butyl alcohol	2.947	59	70592	513.812	ug/l	99
12) 1,1-Dichloroethene	2.325	96	159979	103.294	ug/l	97
13) Acrolein	2.233	56	143832	498.142	ug/l	99
14) Allyl chloride	2.666	41	290914	104.422	ug/l	99
15) Acrylonitrile	3.056	53	364153	553.138	ug/l	100
16) Acetone	2.374	43	338972	479.896	ug/l	99
17) Carbon Disulfide	2.514	76	480406	100.815	ug/l	100
18) Methyl Acetate	2.697	43	150315	104.482	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	503763	107.982	ug/l	100
20) Methylene Chloride	2.788	84	175942	102.249	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	169748	105.942	ug/l	99
22) Diisopropyl ether	3.751	45	580065	106.333	ug/l	99
23) Vinyl Acetate	3.715	43	2254577	552.727	ug/l	100
24) 1,1-Dichloroethane	3.605	63	316968	102.418	ug/l	99
25) 2-Butanone	4.538	43	431769	524.679	ug/l	100
26) 2,2-Dichloropropane	4.471	77	266691	100.816	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	199554	104.941	ug/l	99
28) Bromochloromethane	4.891	49	153564	107.645	ug/l	99
29) Tetrahydrofuran	4.983	42	261331	540.759	ug/l	100
30) Chloroform	5.080	83	321430	98.649	ug/l	97
31) Cyclohexane	5.458	56	266665	105.304	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	281604	105.187	ug/l	98
36) 1,1-Dichloropropene	5.678	75	220854	99.018	ug/l	99
37) Ethyl Acetate	4.696	43	188919	105.984	ug/l	98
38) Carbon Tetrachloride	5.666	117	246511	96.288	ug/l	97
39) Methylcyclohexane	7.367	83	263474	104.768	ug/l	97
40) Benzene	6.025	78	676625	102.163	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	101831	106.668	ug/l	99
42) 1,2-Dichloroethane	6.074	62	228400	96.255	ug/l	98
43) Isopropyl Acetate	6.324	43	320463	107.098	ug/l	97
44) Trichloroethene	7.111	130	172256	103.199	ug/l	97
45) 1,2-Dichloropropane	7.415	63	169795	101.299	ug/l	99
46) Dibromomethane	7.568	93	120808	100.170	ug/l	100
47) Bromodichloromethane	7.806	83	262522	100.714	ug/l	98
48) Methyl methacrylate	7.678	41	163691	106.866	ug/l	99
49) 1,4-Dioxane	7.647	88	30472	2210.027	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	890841	535.021	ug/l	98
52) Toluene	8.702	92	411490	103.371	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	261252	106.986	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	282702	106.213	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	150855	101.567	ug/l	99
56) Ethyl methacrylate	9.098	69	229045	113.382	ug/l	100
57) 1,3-Dichloropropane	9.293	76	263100	101.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	649675	506.414	ug/l	100
59) 2-Hexanone	9.415	43	622653	534.621	ug/l	99
60) Dibromochloromethane	9.507	129	191498	103.006	ug/l	100
61) 1,2-Dibromoethane	9.592	107	157062	103.129	ug/l	97
64) Tetrachloroethene	9.257	164	138367	97.393	ug/l	99
65) Chlorobenzene	10.061	112	451146	101.832	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	159981	100.207	ug/l	99
67) Ethyl Benzene	10.177	91	797886	105.049	ug/l	100
68) m/p-Xylenes	10.287	106	593973	209.915	ug/l	99
69) o-Xylene	10.622	106	285253	107.091	ug/l	99
70) Styrene	10.640	104	499350	108.910	ug/l	99
71) Bromoform	10.781	173	118639	101.196	ug/l #	99
73) Isopropylbenzene	10.945	105	732207	107.015	ug/l	100
74) N-amyl acetate	10.823	43	286532	112.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	195059	100.632	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	154776m	103.035	ug/l	
77) Bromobenzene	11.183	156	176327	102.983	ug/l	98
78) n-propylbenzene	11.287	91	877504	105.759	ug/l	100
79) 2-Chlorotoluene	11.348	91	514544	102.644	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	605302	107.776	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	68698	111.982	ug/l	98
82) 4-Chlorotoluene	11.439	91	616367	104.628	ug/l	99
83) tert-Butylbenzene	11.695	119	603179	106.306	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	605612	108.291	ug/l	100
85) sec-Butylbenzene	11.872	105	729402	105.153	ug/l	99
86) p-Isopropyltoluene	11.994	119	615443	105.260	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	326678	102.022	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	327189	98.575	ug/l	99
89) n-Butylbenzene	12.317	91	573374	105.286	ug/l	100
90) Hexachloroethane	12.518	117	120982	98.034	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	308559	101.993	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	37798	106.717	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	192219	107.629	ug/l	100
94) Hexachlorobutadiene	13.707	225	66266	96.208	ug/l	99
95) Naphthalene	13.756	128	555687	118.037	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	179498	108.933	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

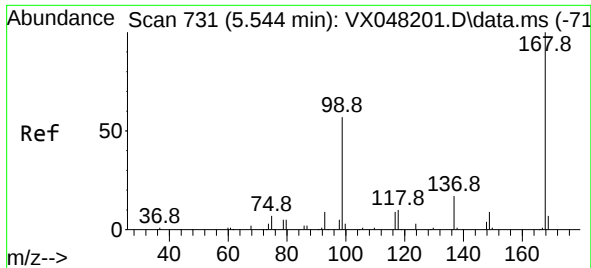
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

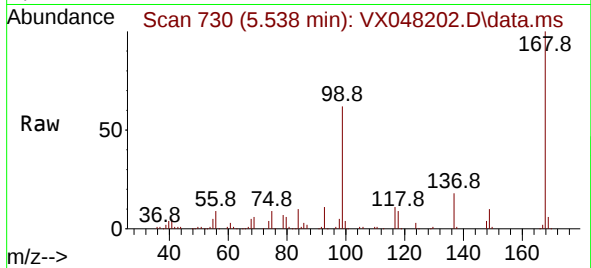
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

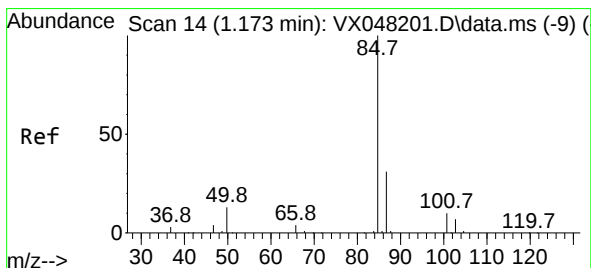
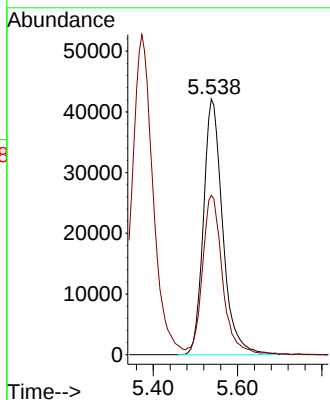
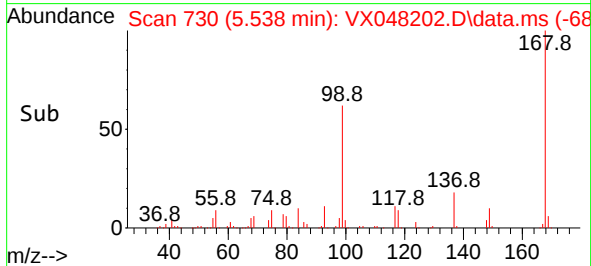
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 133650
Ion Ratio Lower Upper
168 100
99 62.0 46.4 69.6

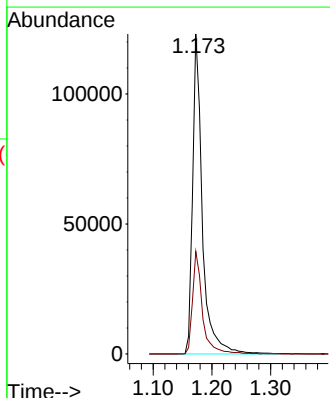
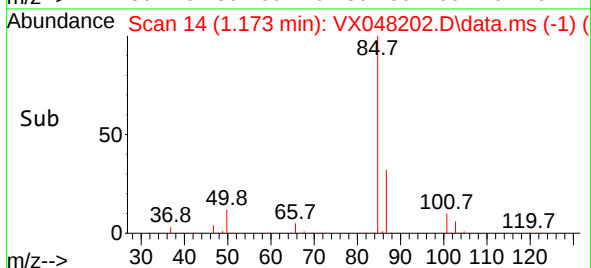
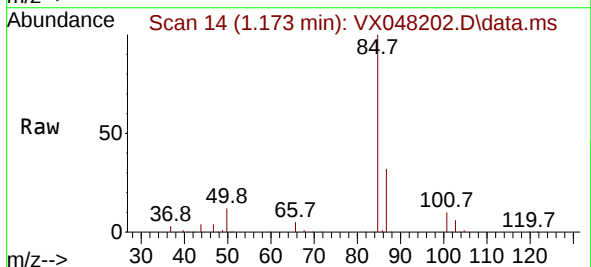
Manual Integrations
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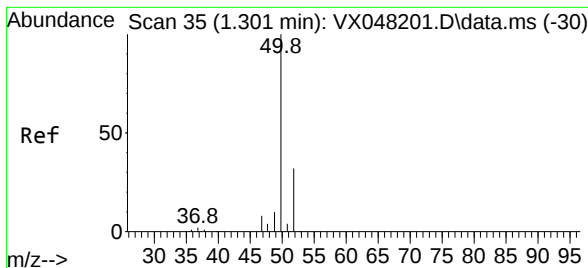
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#2
Dichlorodifluoromethane
Concen: 100.679 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

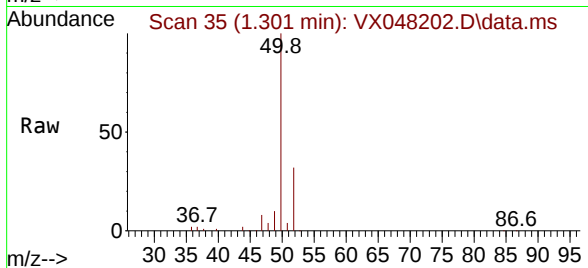
Tgt Ion: 85 Resp: 141233
Ion Ratio Lower Upper
85 100
87 32.1 15.3 45.9





#3
Chloromethane
Concen: 100.564 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

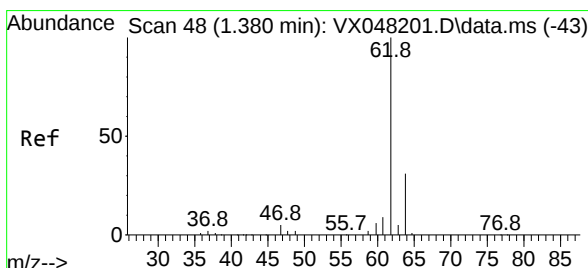
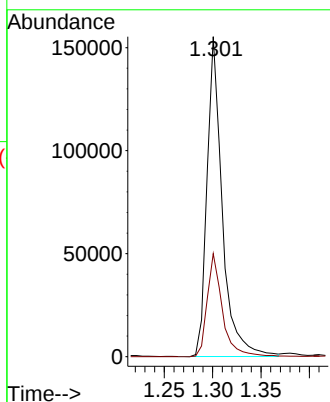
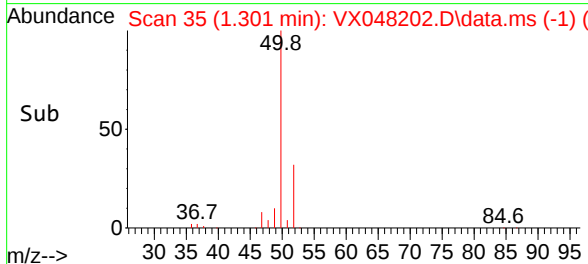
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 17090
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9

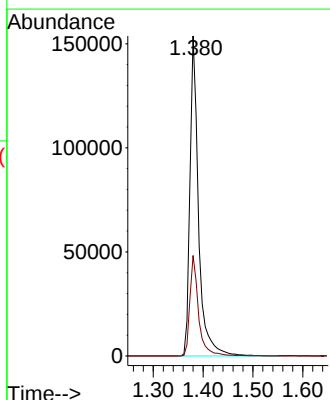
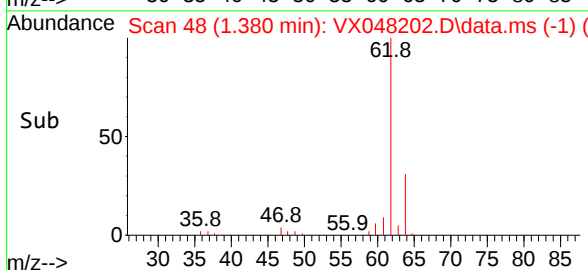
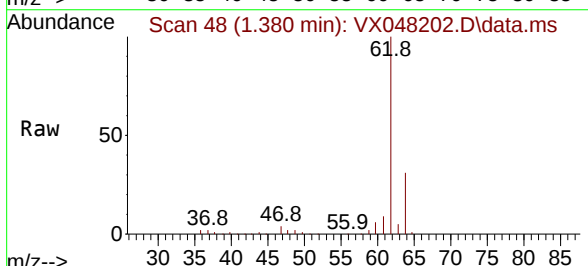
Manual Integrations
APPROVED

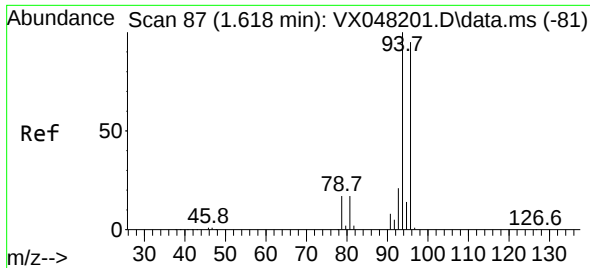
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#4
Vinyl Chloride
Concen: 103.031 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

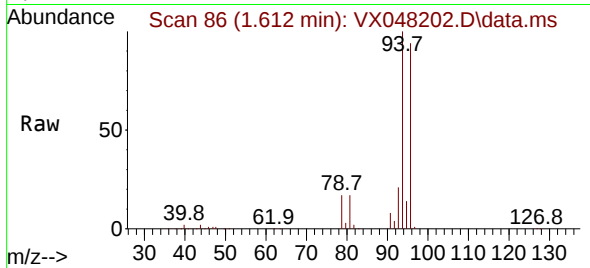
Tgt Ion: 62 Resp: 184502
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5
Bromomethane
Concen: 103.016 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

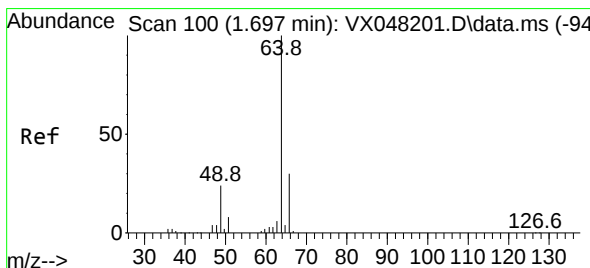
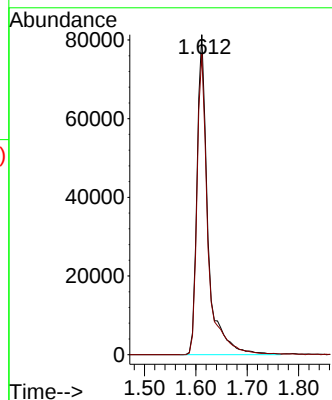
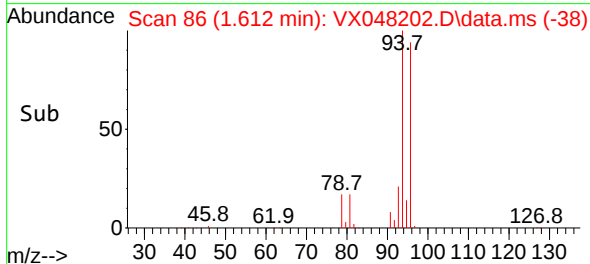
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 120768
Ion Ratio Lower Upper
94 100
96 93.9 76.0 114.0

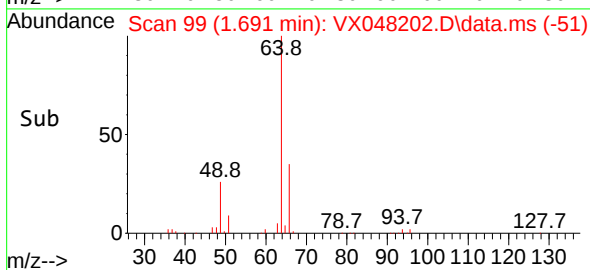
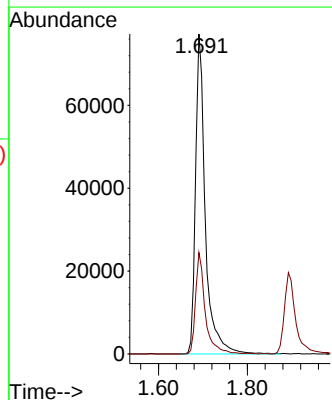
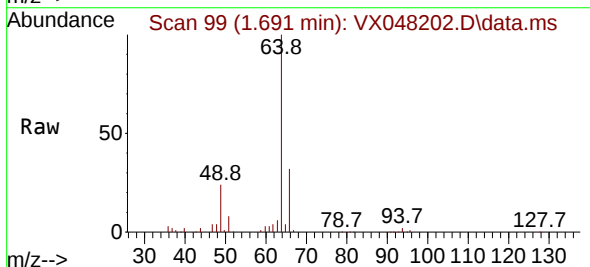
Manual Integrations
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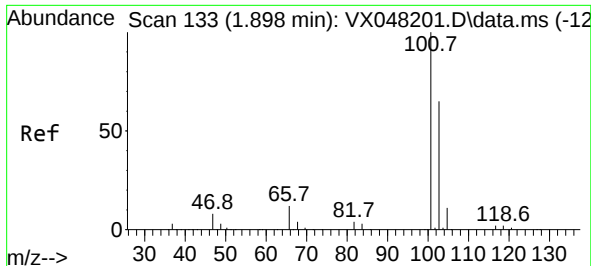
Reviewed By :John Carlone 10/20/2025
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#6
Chloroethane
Concen: 103.395 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048202.D
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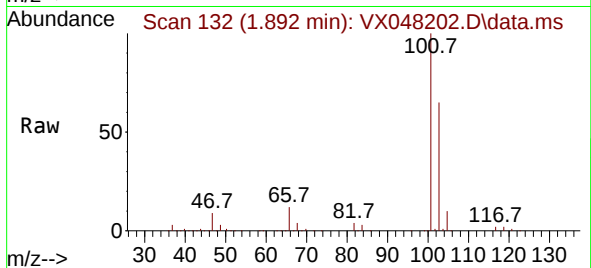
Tgt Ion: 64 Resp: 117828
Ion Ratio Lower Upper
64 100
66 31.7 23.9 35.9





#7
Trichlorofluoromethane
Concen: 100.778 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

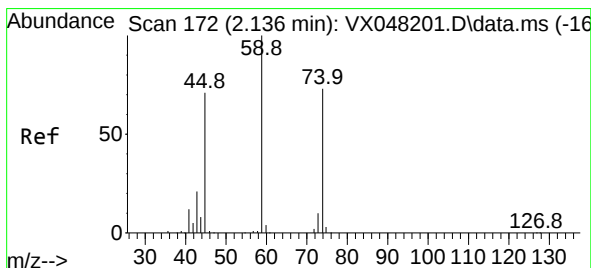
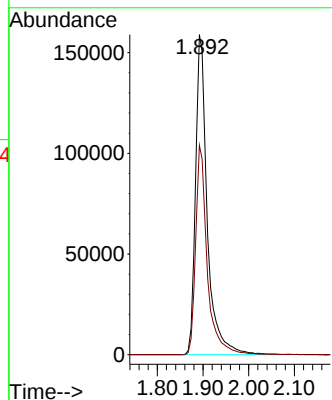
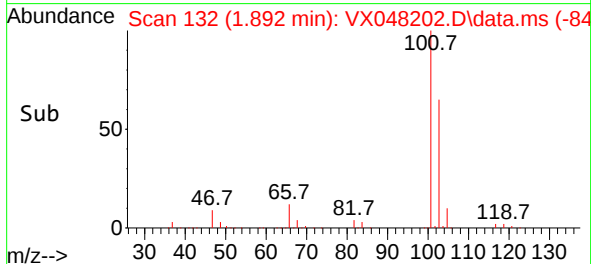
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 28326
Ion Ratio Lower Upper
101 100
103 65.5 51.6 77.4

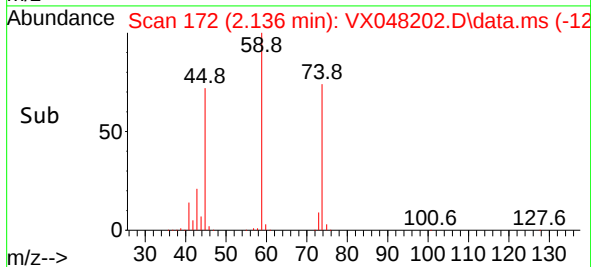
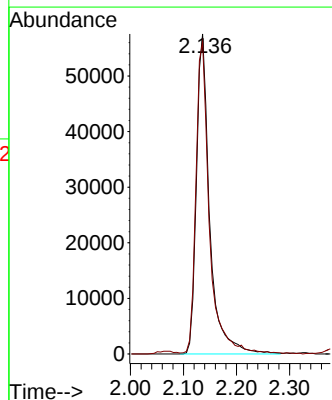
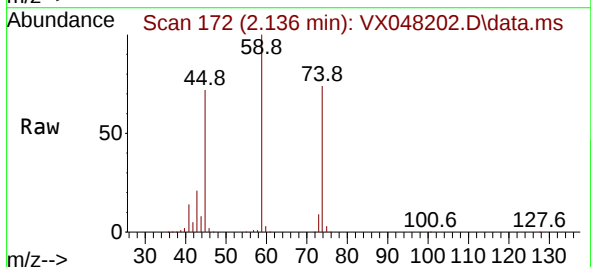
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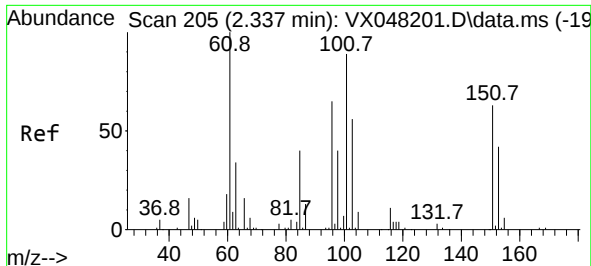
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#8
Diethyl Ether
Concen: 104.147 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 74 Resp: 99852
Ion Ratio Lower Upper
74 100
45 98.3 50.0 149.8





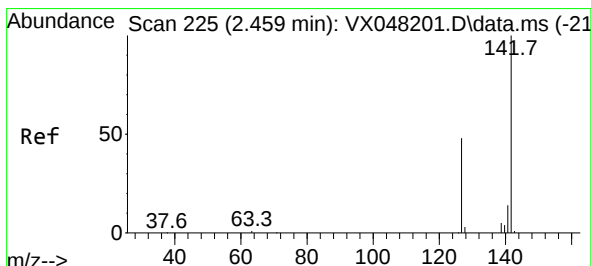
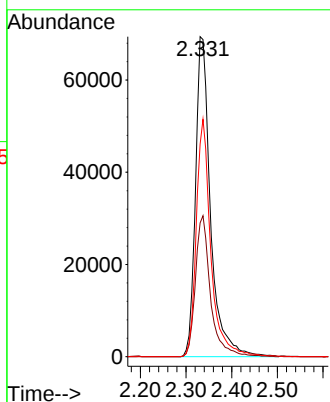
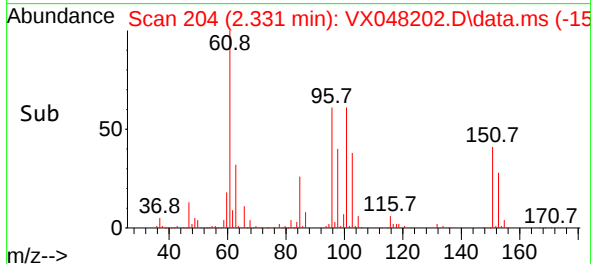
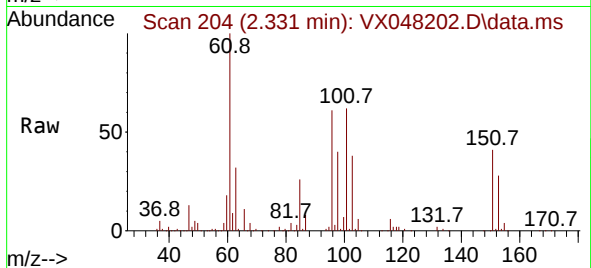
#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.299 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 15886
Ion Ratio Lower Upper
101 100
85 44.2 35.6 53.4
151 72.2 58.0 87.0

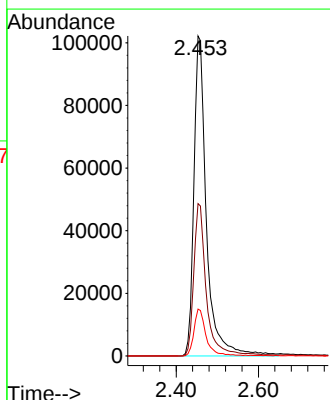
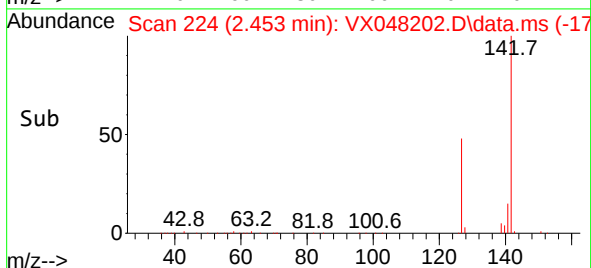
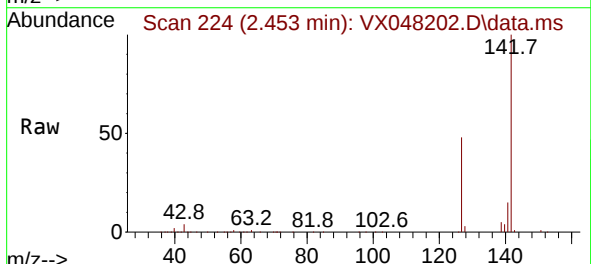
Manual Integrations
APPROVED

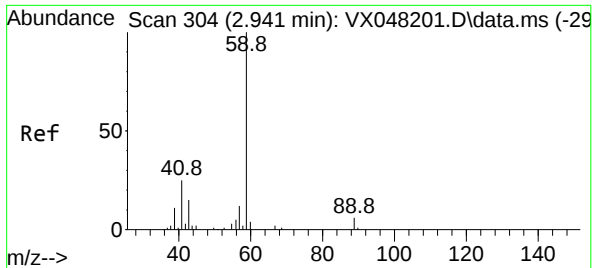
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#10
Methyl Iodide
Concen: 114.353 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:142 Resp: 216949
Ion Ratio Lower Upper
142 100
127 47.8 38.5 57.7
141 14.1 11.6 17.4





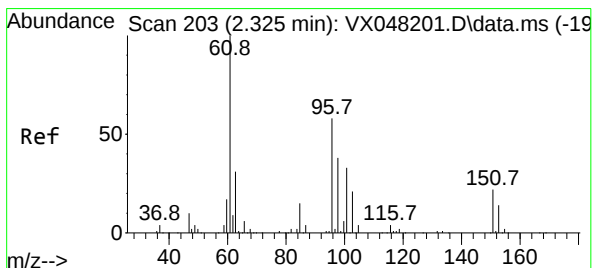
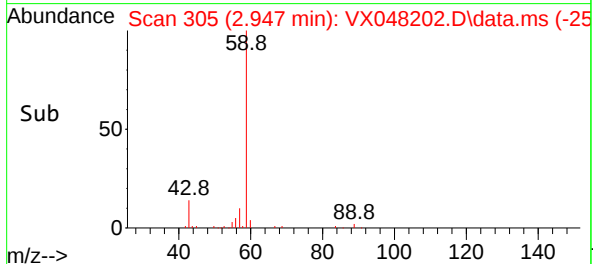
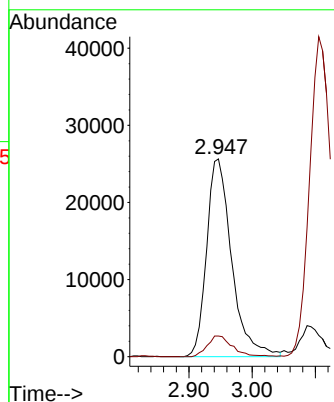
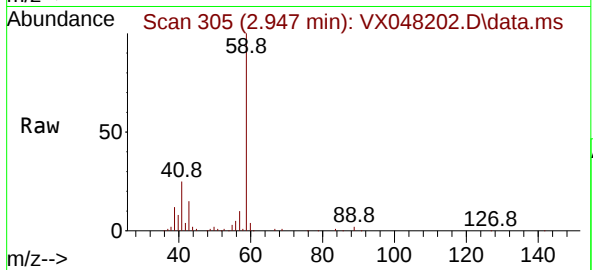
#11
Tert butyl alcohol
Concen: 513.812 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 70592
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

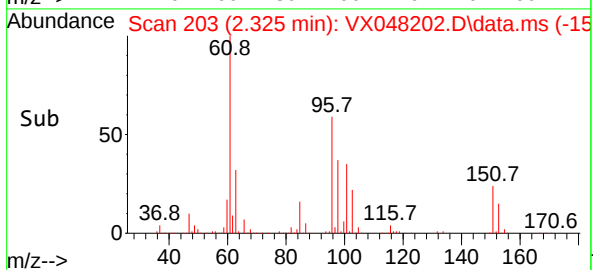
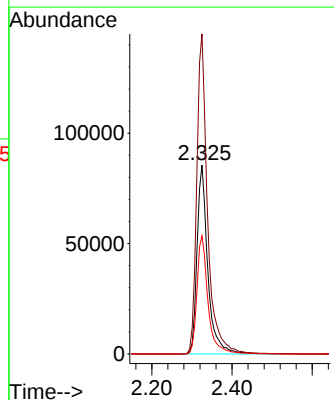
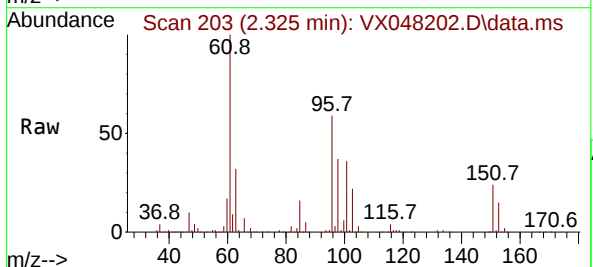
Manual Integrations
APPROVED

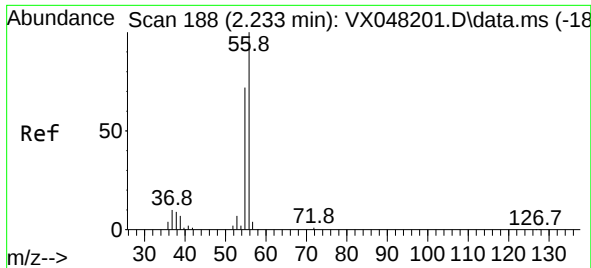
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#12
1,1-Dichloroethene
Concen: 103.294 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

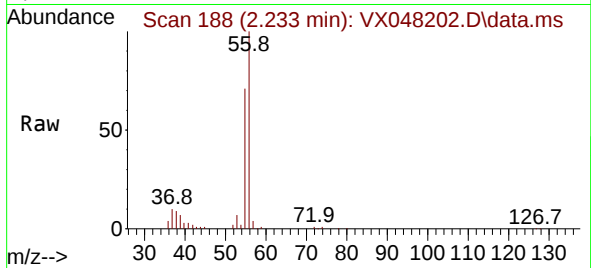
Tgt Ion: 96 Resp: 159979
Ion Ratio Lower Upper
96 100
61 169.5 139.0 208.6
98 62.5 52.4 78.6





#13
Acrolein
Concen: 498.142 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

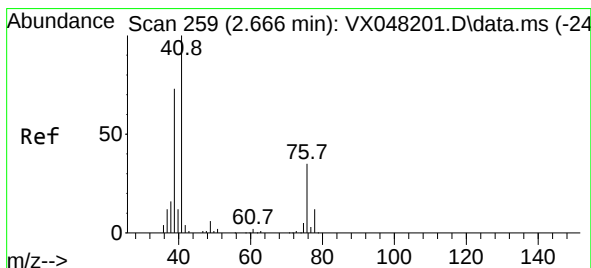
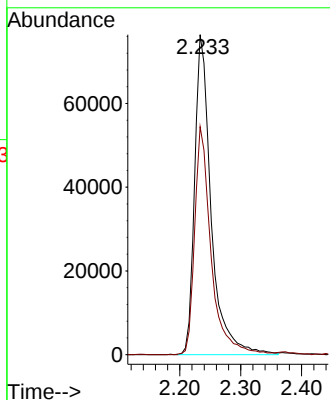
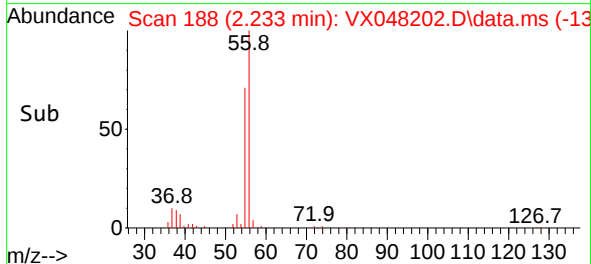
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 14383
Ion Ratio Lower Upper
56 100
55 70.9 56.1 84.1

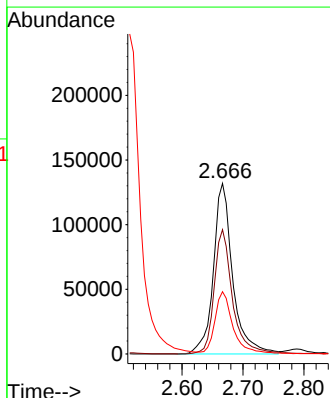
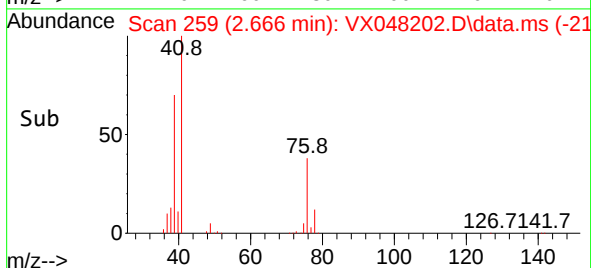
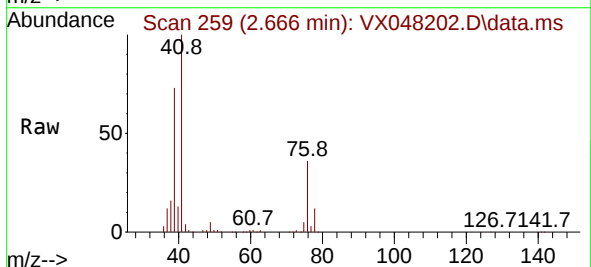
Manual Integrations
APPROVED

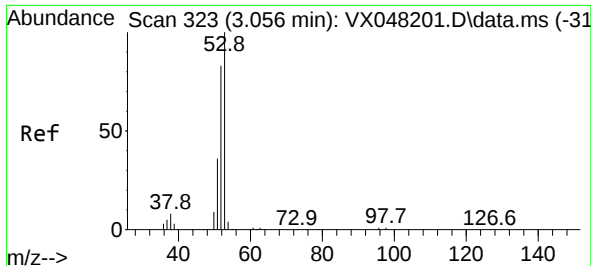
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#14
Allyl chloride
Concen: 104.422 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

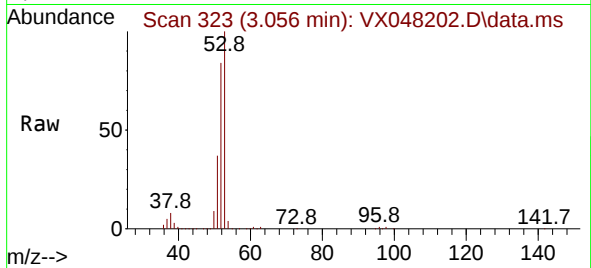
Tgt Ion: 41 Resp: 290914
Ion Ratio Lower Upper
41 100
39 69.3 56.0 84.0
76 33.9 27.5 41.3





#15
Acrylonitrile
Concen: 553.138 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

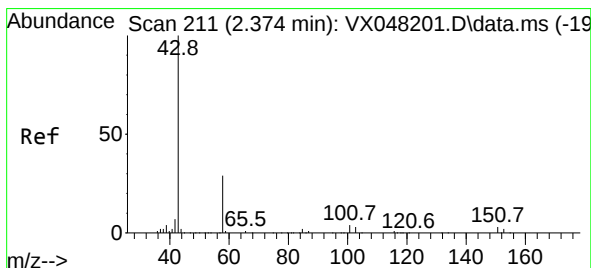
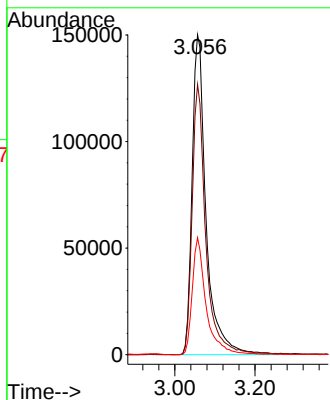
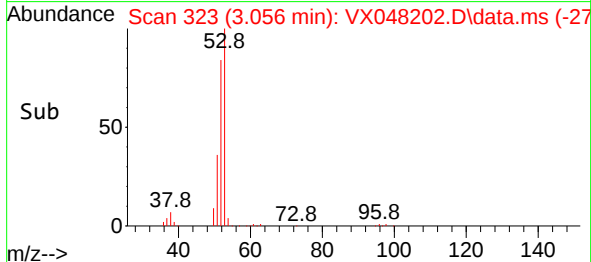
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 36415
Ion Ratio Lower Upper
53 100
52 82.5 66.1 99.1
51 36.3 29.0 43.4

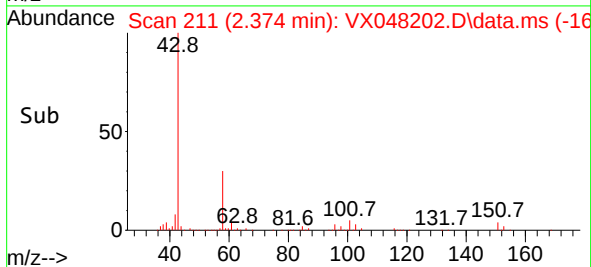
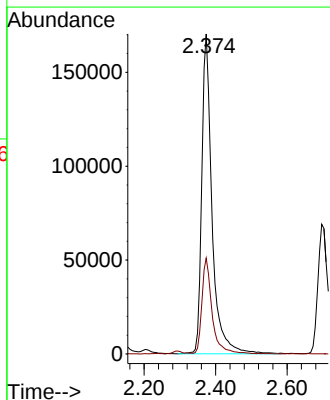
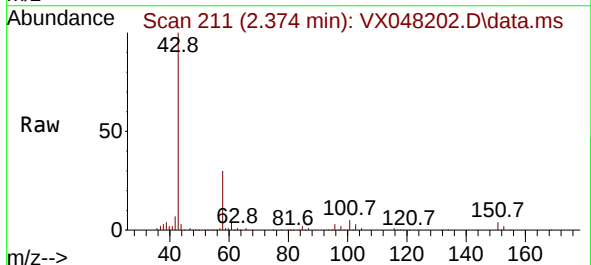
Manual Integrations
APPROVED

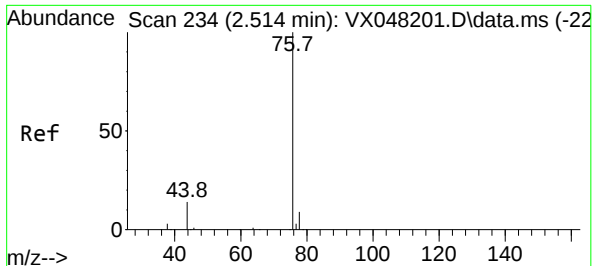
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#16
Acetone
Concen: 479.896 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

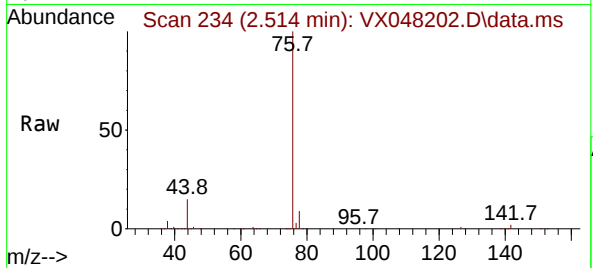
Tgt Ion: 43 Resp: 338972
Ion Ratio Lower Upper
43 100
58 30.0 23.4 35.2





#17
Carbon Disulfide
Concen: 100.815 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

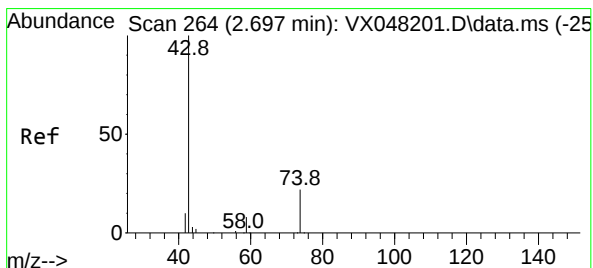
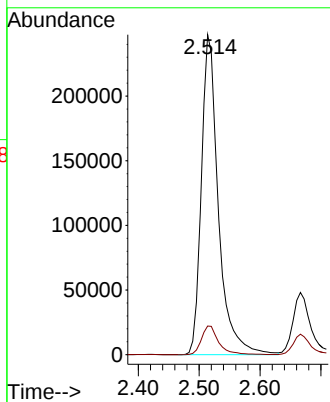
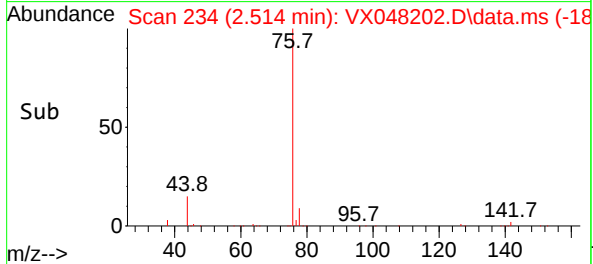
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 480400
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

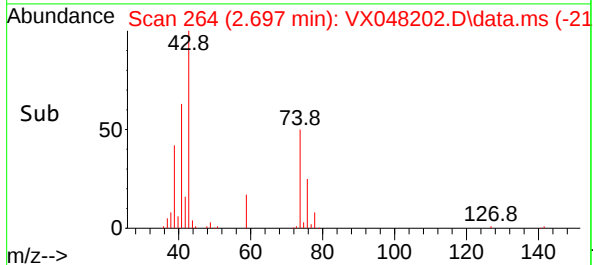
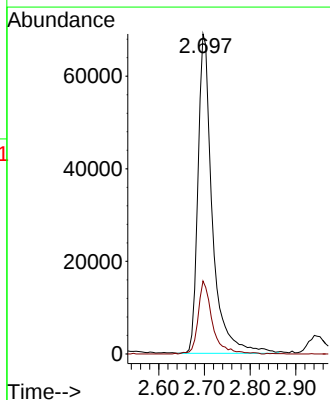
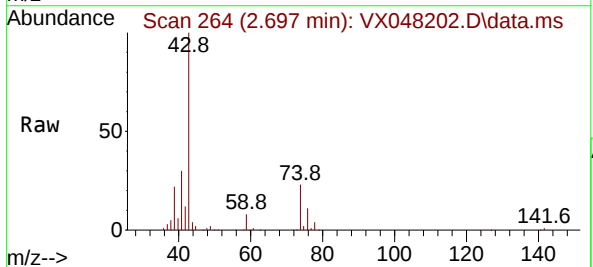
Manual Integrations
APPROVED

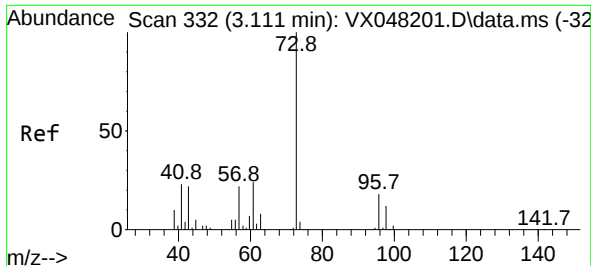
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#18
Methyl Acetate
Concen: 104.482 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 43 Resp: 150315
Ion Ratio Lower Upper
43 100
74 22.7 17.5 26.3





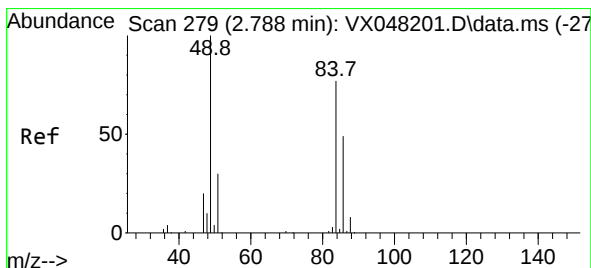
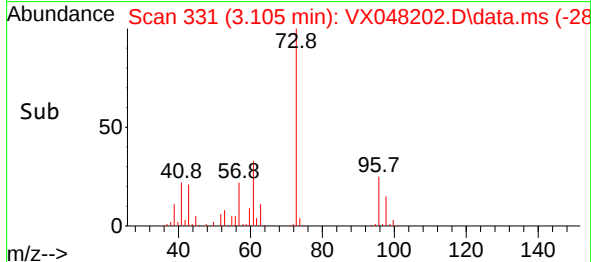
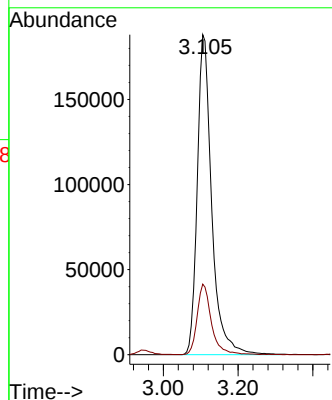
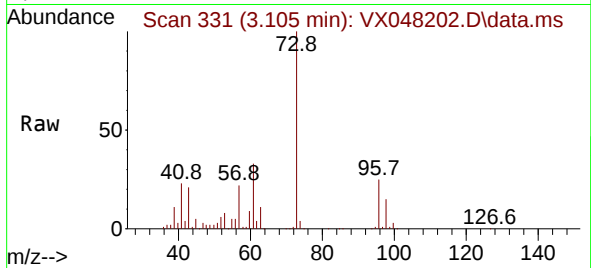
#19
Methyl tert-butyl Ether
Concen: 107.982 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 50376
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

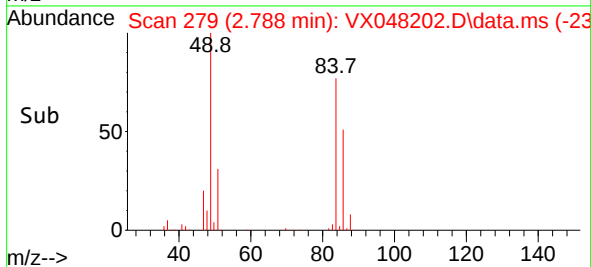
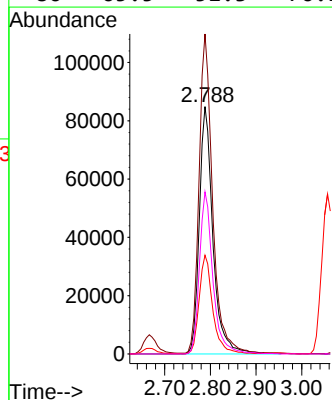
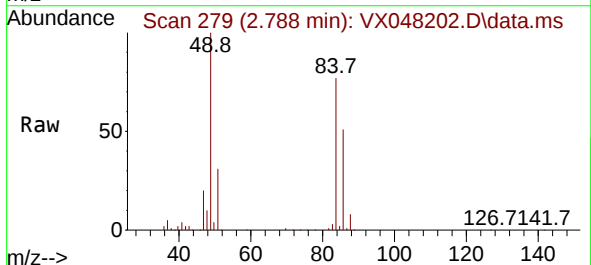
Manual Integrations
APPROVED

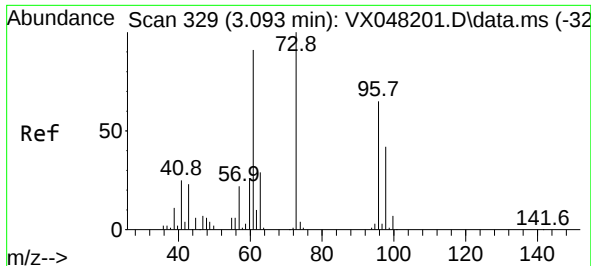
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#20
Methylene Chloride
Concen: 102.249 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 84 Resp: 175942
Ion Ratio Lower Upper
84 100
49 129.1 104.1 156.1
51 39.8 31.3 46.9
86 65.5 51.3 76.9





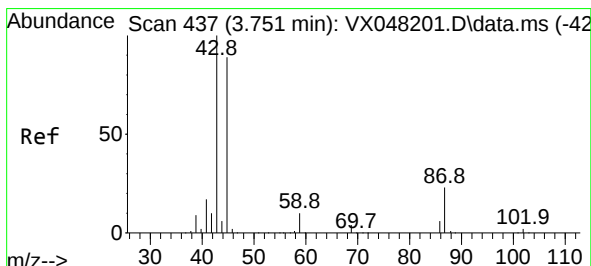
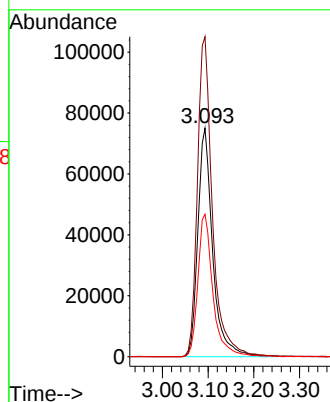
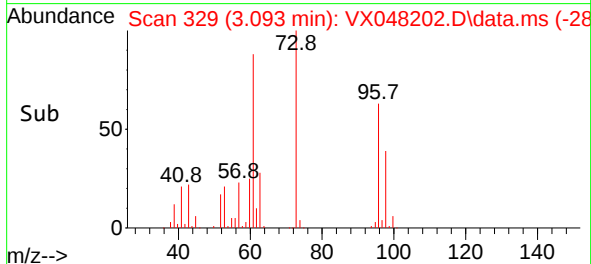
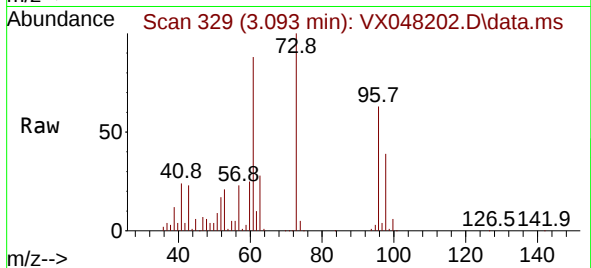
#21
trans-1,2-Dichloroethene
Concen: 105.942 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 169748
Ion Ratio Lower Upper
96 100
61 140.1 111.9 167.9
98 62.3 51.2 76.8

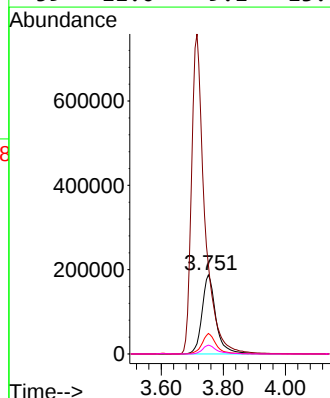
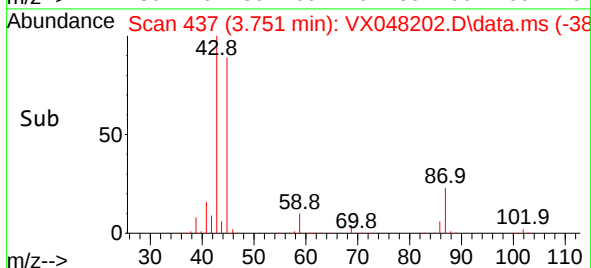
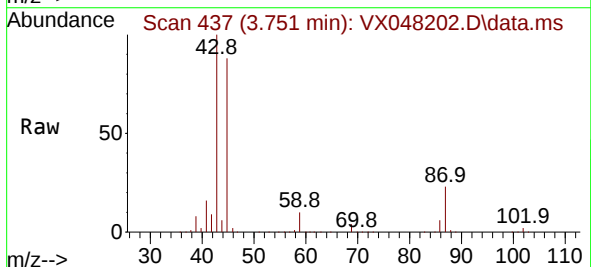
Manual Integrations
APPROVED

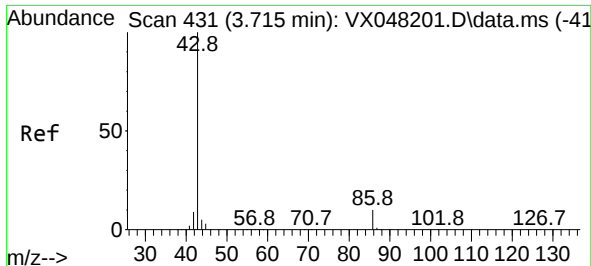
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#22
Diisopropyl ether
Concen: 106.333 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

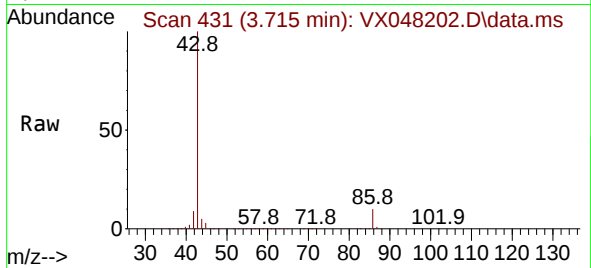
Tgt Ion: 45 Resp: 580065
Ion Ratio Lower Upper
45 100
43 112.9 89.8 134.8
87 25.8 20.6 31.0
59 11.0 9.1 13.7





#23
 Vinyl Acetate
 Concen: 552.727 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX048202.D
 Acq: 17 Oct 2025 10:16

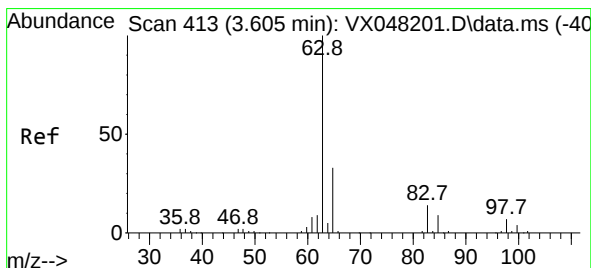
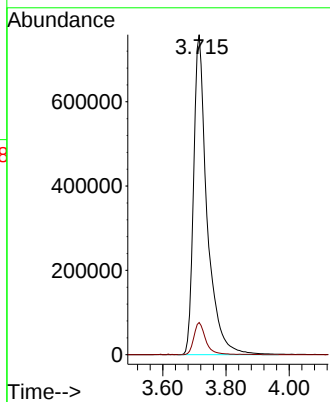
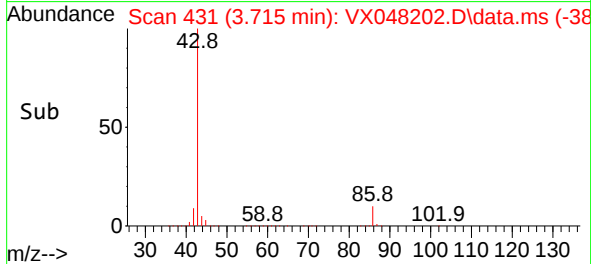
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



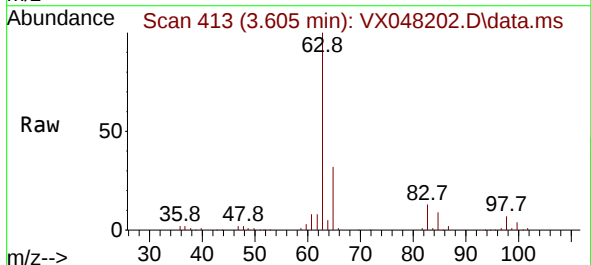
Tgt Ion: 43 Resp: 225457
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

Manual Integrations
 APPROVED

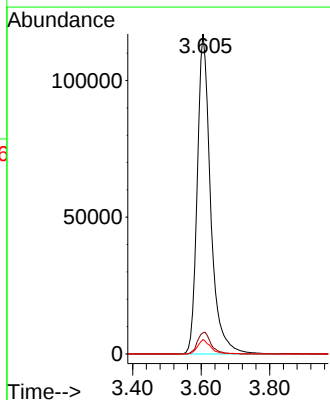
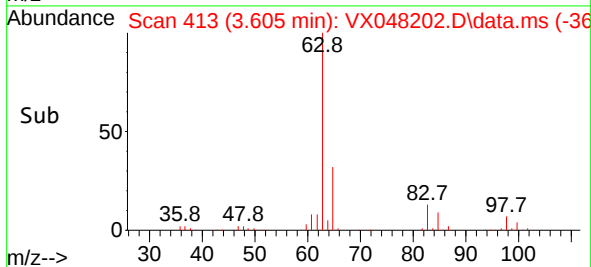
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

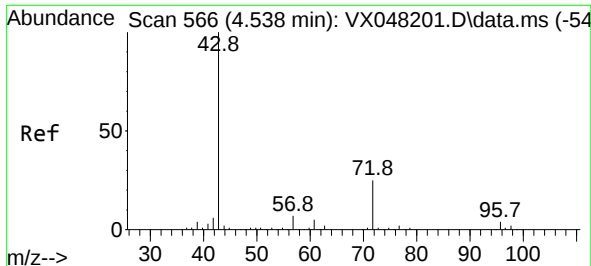


#24
 1,1-Dichloroethane
 Concen: 102.418 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048202.D
 Acq: 17 Oct 2025 10:16



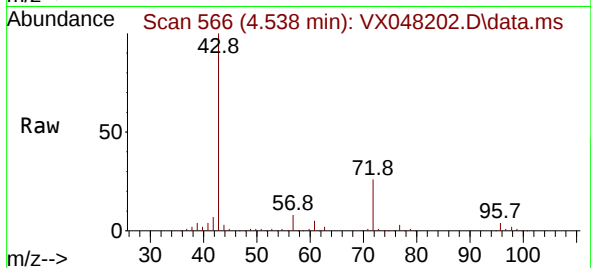
Tgt Ion: 63 Resp: 316968
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.5 2.1 6.3





#25
2-Butanone
Concen: 524.679 ug/l
RT: 4.538 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

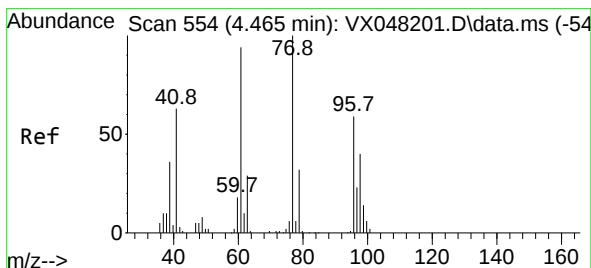
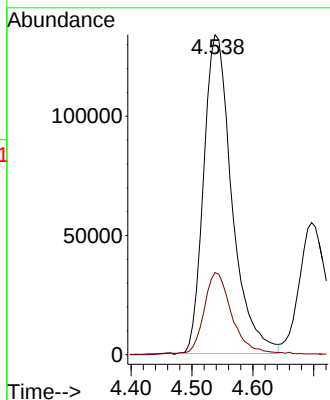
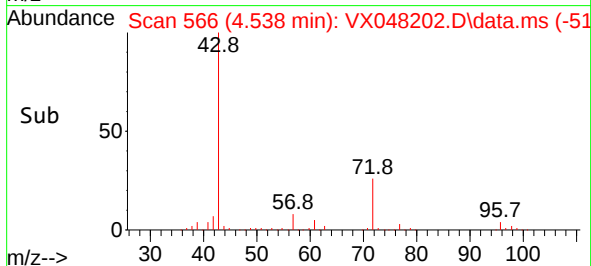
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



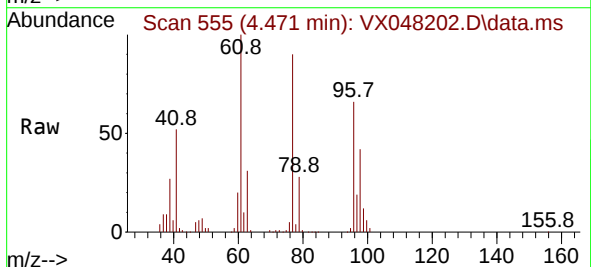
Tgt Ion: 43 Resp: 431769
Ion Ratio Lower Upper
43 100
72 25.0 19.9 29.9

Manual Integrations
APPROVED

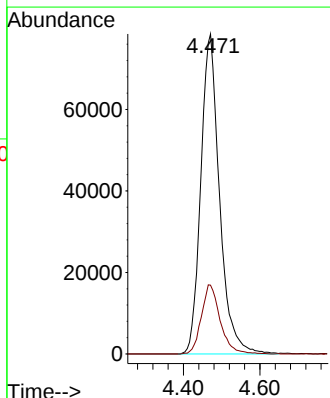
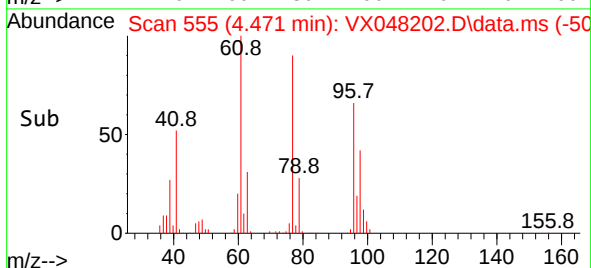
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

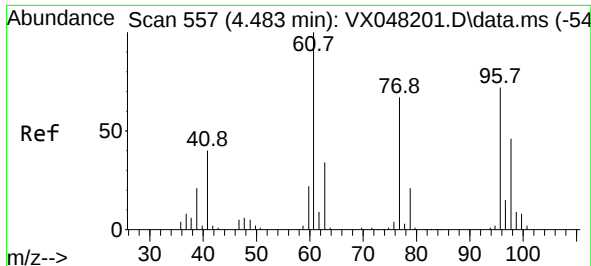


#26
2,2-Dichloropropane
Concen: 100.816 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16



Tgt Ion: 77 Resp: 266691
Ion Ratio Lower Upper
77 100
97 21.8 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 104.941 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX048202.D

Acq: 17 Oct 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 199554

Ion Ratio Lower Upper

96 100

61 147.9 0.0 294.2

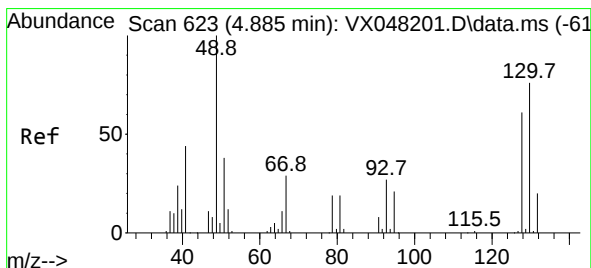
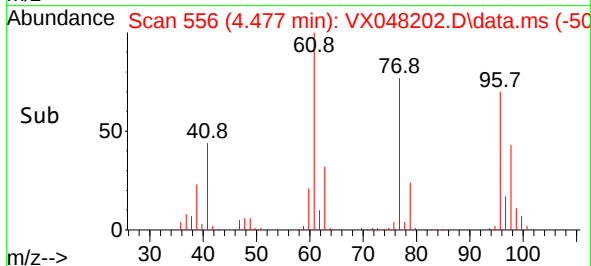
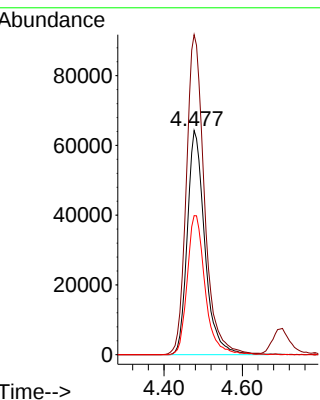
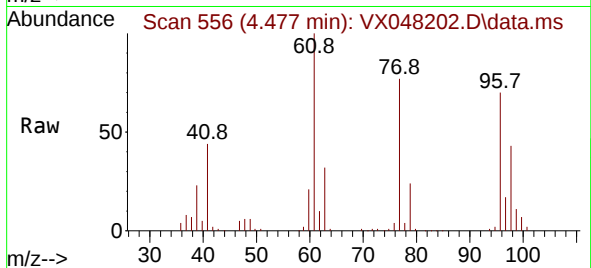
98 63.5 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#28

Bromochloromethane

Concen: 107.645 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX048202.D

Acq: 17 Oct 2025 10:16

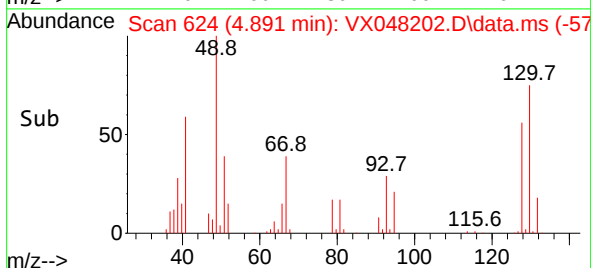
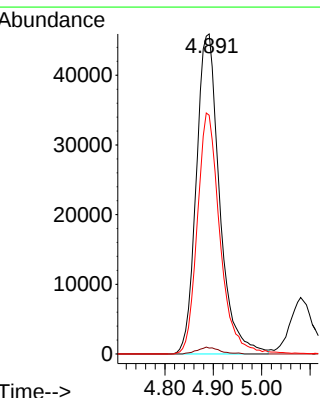
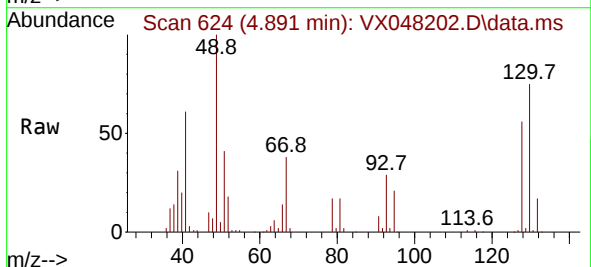
Tgt Ion: 49 Resp: 153564

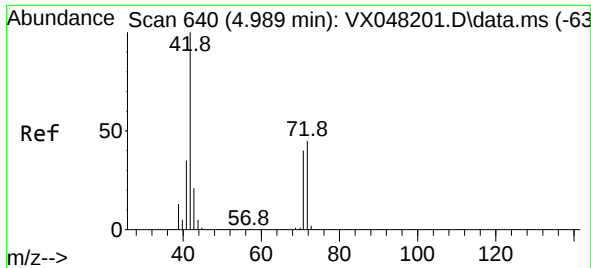
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 73.3 59.3 88.9





#29

Tetrahydrofuran

Concen: 540.759 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048202.D

Acq: 17 Oct 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 26133

Ion Ratio Lower Upper

42 100

72 43.9 35.3 52.9

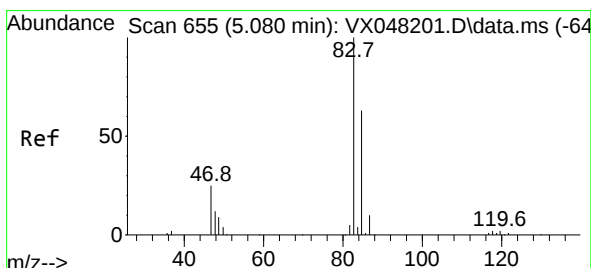
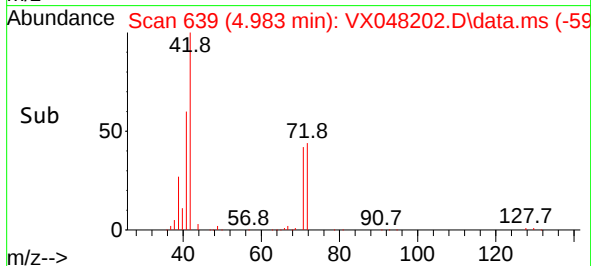
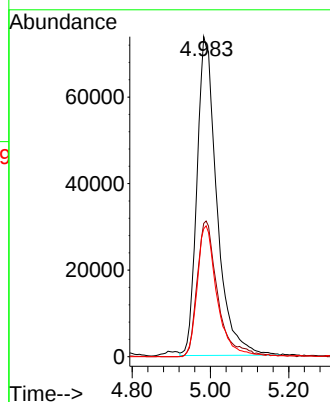
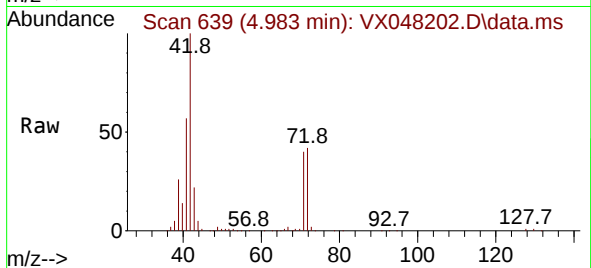
71 40.6 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#30

Chloroform

Concen: 98.649 ug/l

RT: 5.080 min Scan# 655

Delta R.T. 0.000 min

Lab File: VX048202.D

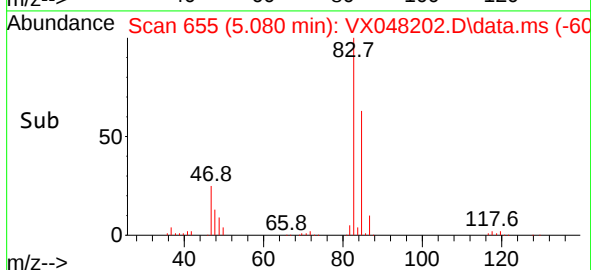
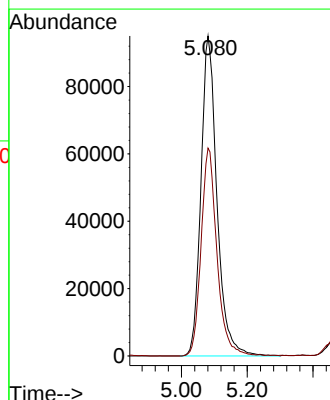
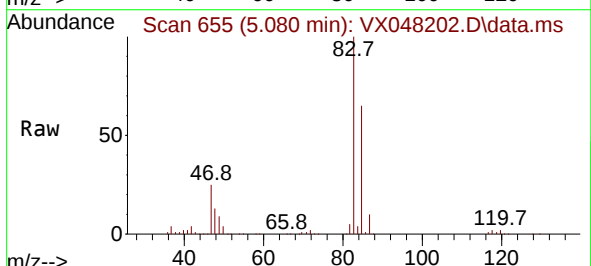
Acq: 17 Oct 2025 10:16

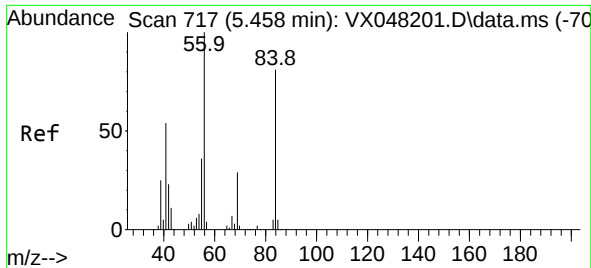
Tgt Ion: 83 Resp: 321430

Ion Ratio Lower Upper

83 100

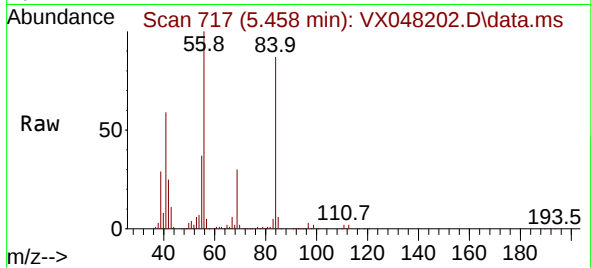
85 64.9 50.1 75.1





#31
Cyclohexane
Concen: 105.304 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

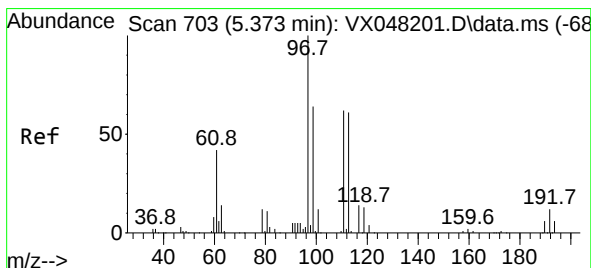
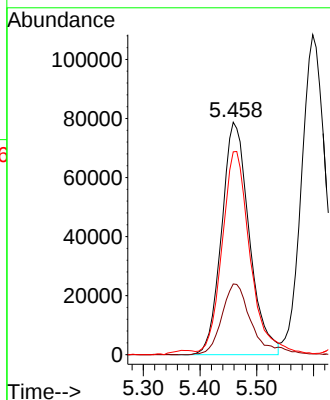
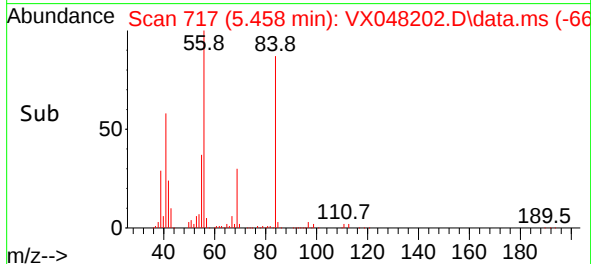
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 26666
Ion Ratio Lower Upper
56 100
69 30.4 23.0 34.6
84 85.7 64.6 97.0

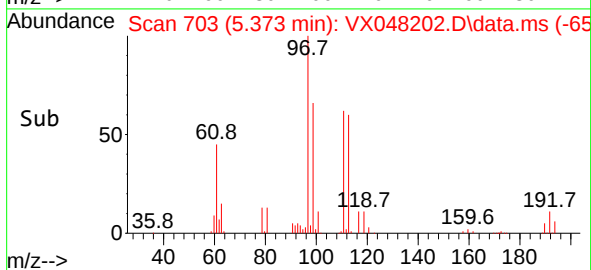
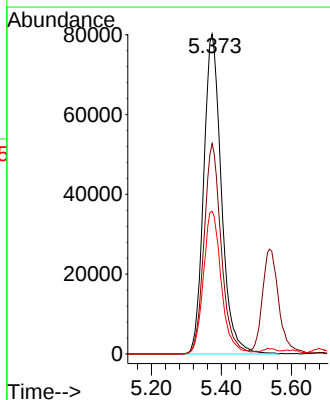
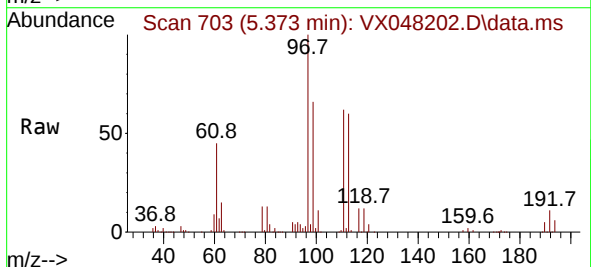
Manual Integrations
APPROVED

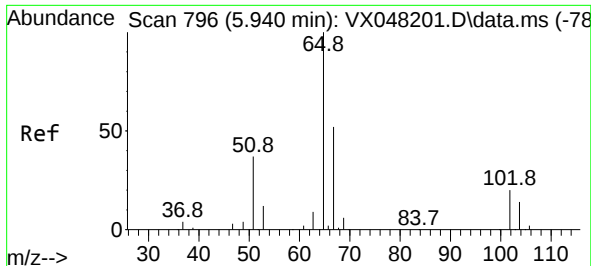
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#32
1,1,1-Trichloroethane
Concen: 105.187 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

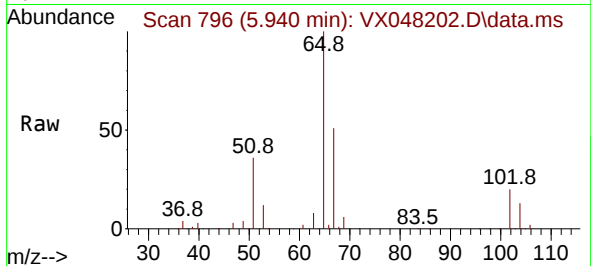
Tgt Ion: 97 Resp: 281604
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 45.2 34.8 52.2





#33
1,2-Dichloroethane-d4
Concen: 97.557 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

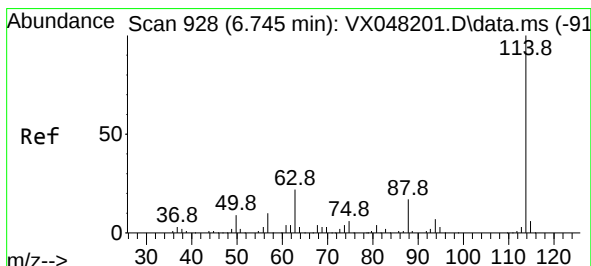
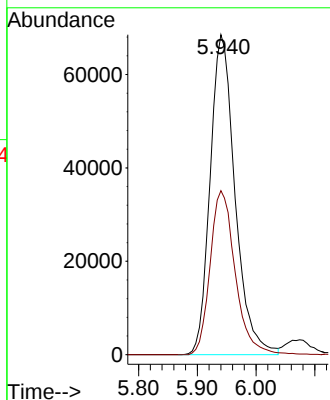
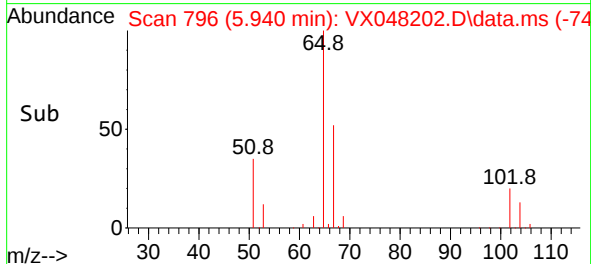
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



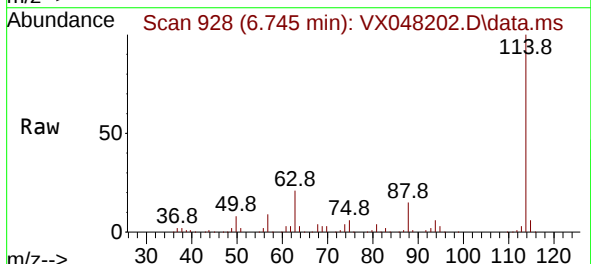
Tgt Ion: 65 Resp: 20200
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0

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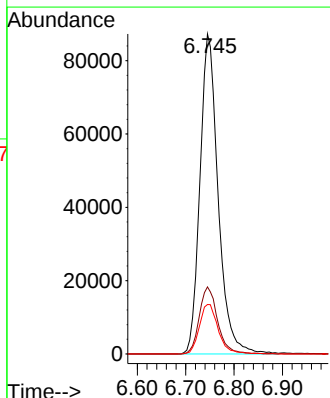
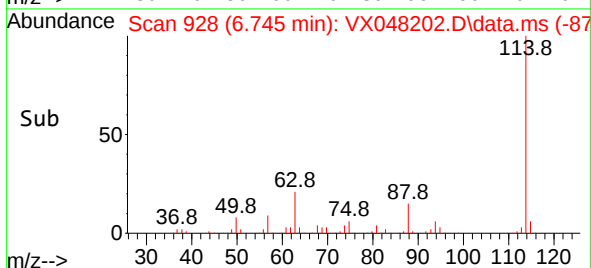
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

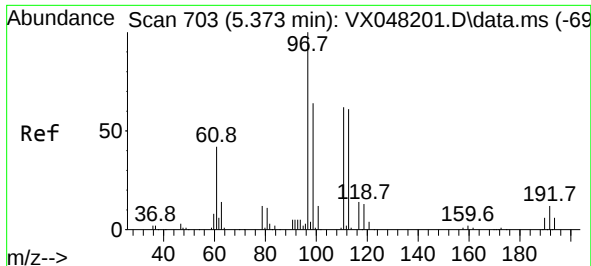


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16



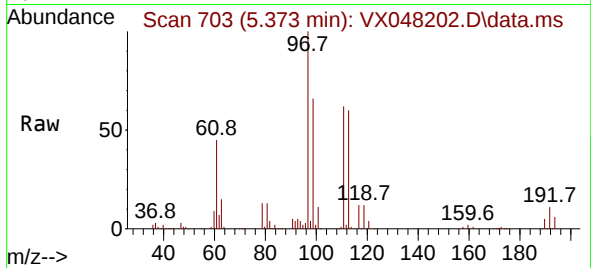
Tgt Ion:114 Resp: 228136
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 15.4 0.0 33.6





#35
Dibromofluoromethane
Concen: 100.115 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

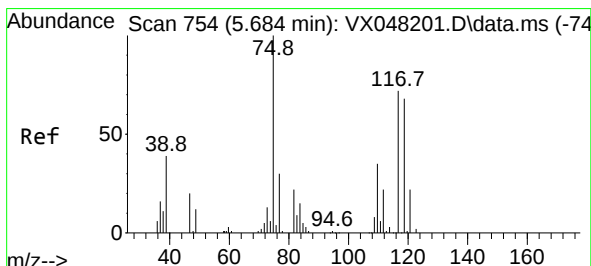
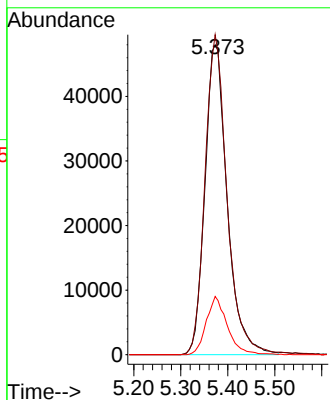
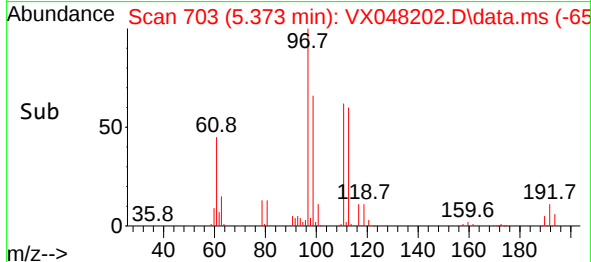
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:113 Resp: 158514
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 17.7 15.1 22.7

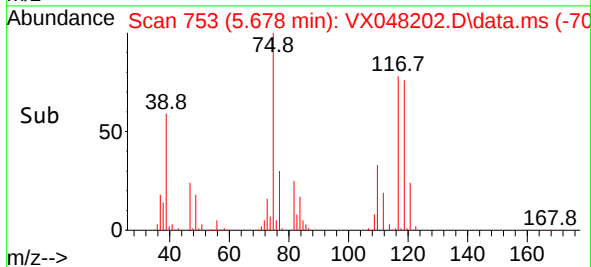
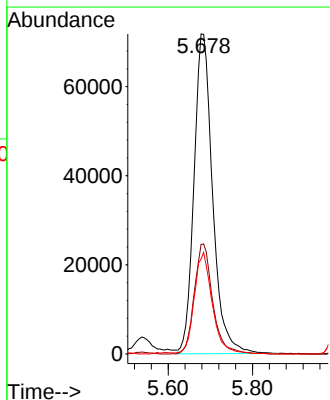
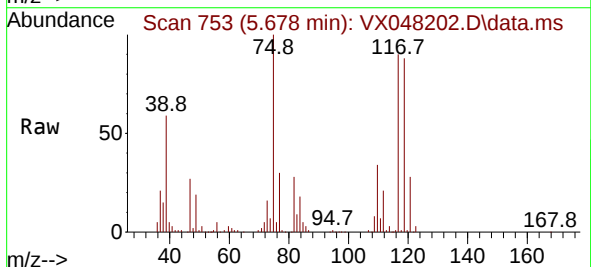
Manual Integrations
APPROVED

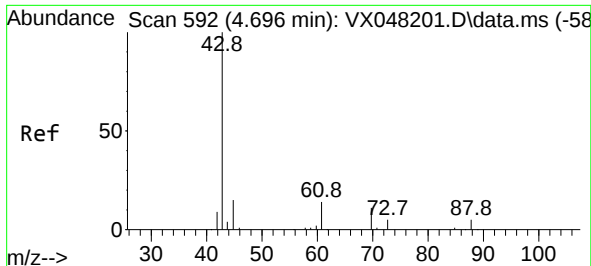
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#36
1,1-Dichloropropene
Concen: 99.018 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 75 Resp: 220854
Ion Ratio Lower Upper
75 100
110 34.1 17.7 53.1
77 30.3 24.3 36.5





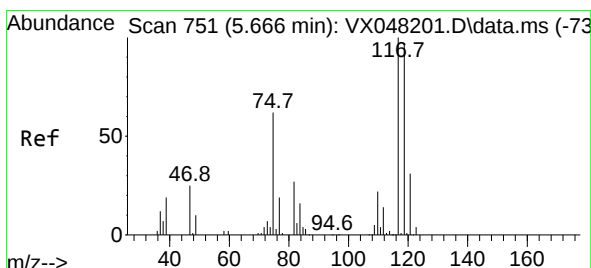
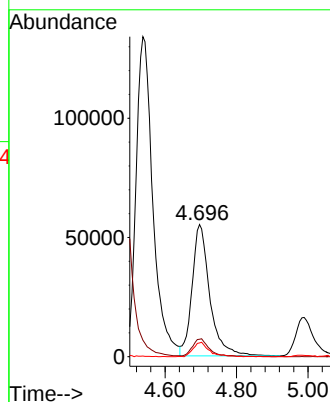
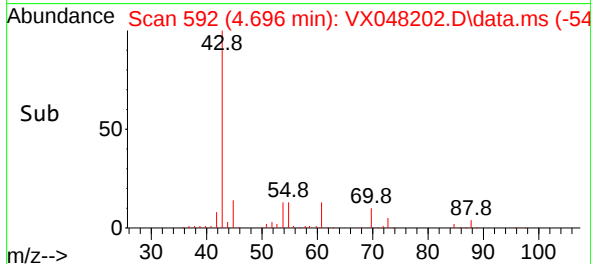
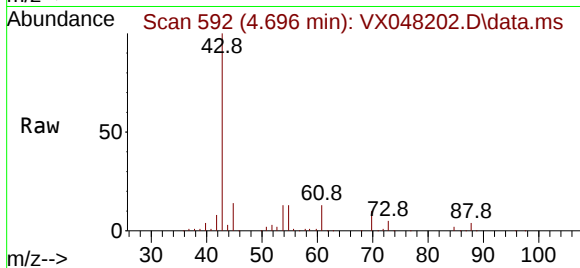
#37
Ethyl Acetate
Concen: 105.984 ug/l
RT: 4.696 min Scan# 592
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 188919
Ion Ratio Lower Upper
43 100
61 12.2 10.6 15.8
70 9.9 7.8 11.6

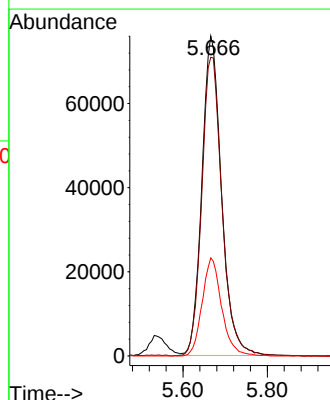
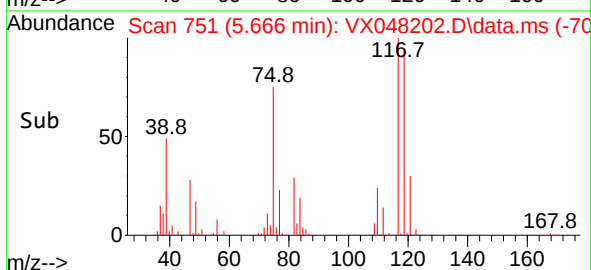
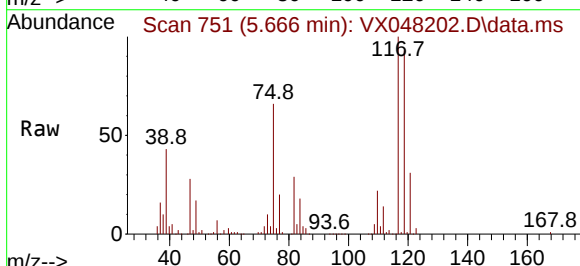
Manual Integrations
APPROVED

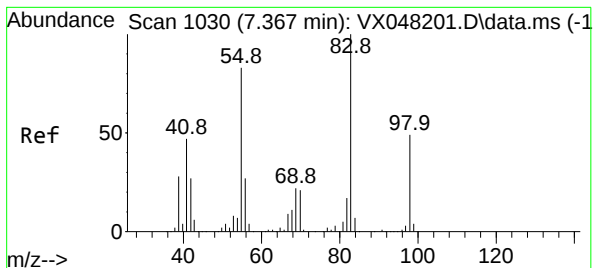
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#38
Carbon Tetrachloride
Concen: 96.288 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:117 Resp: 246511
Ion Ratio Lower Upper
117 100
119 93.2 77.2 115.8
121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 104.768 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VX048202.D

Acq: 17 Oct 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 263474

Ion Ratio Lower Upper

83 100

55 78.9 66.2 99.2

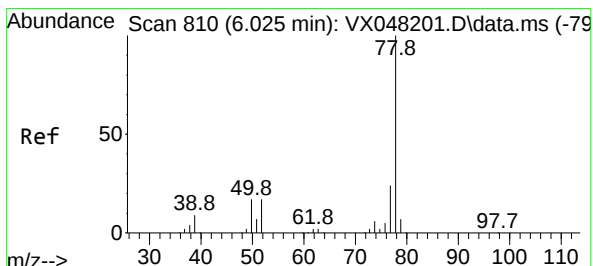
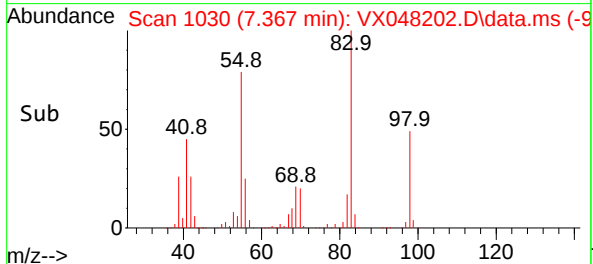
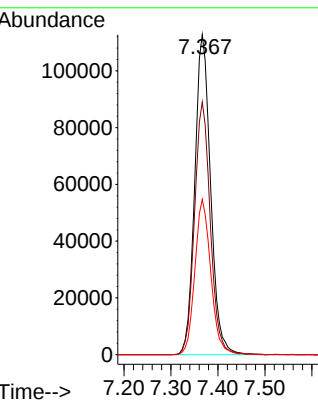
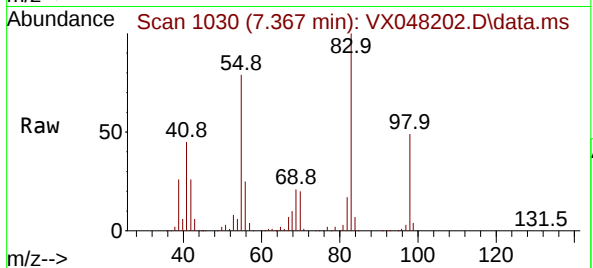
98 48.6 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#40

Benzene

Concen: 102.163 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX048202.D

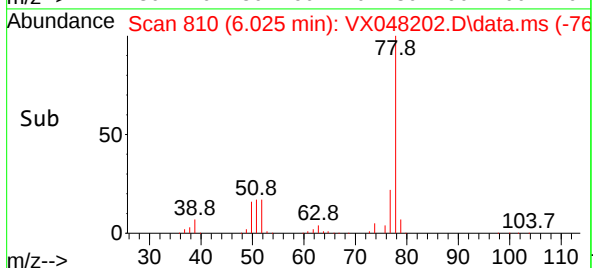
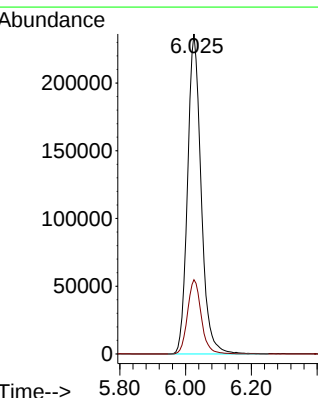
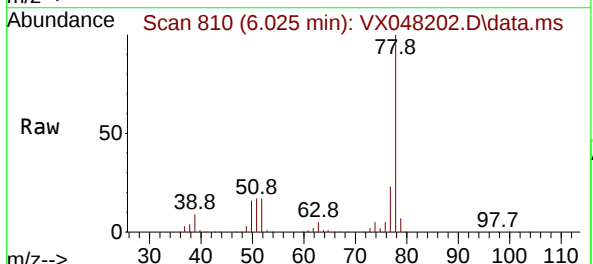
Acq: 17 Oct 2025 10:16

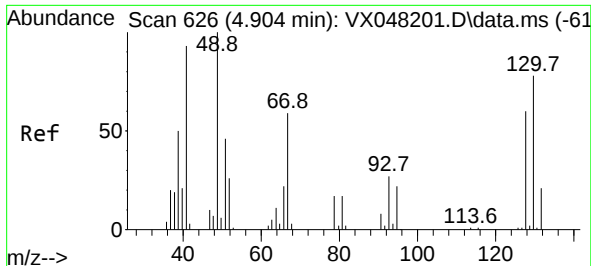
Tgt Ion: 78 Resp: 676625

Ion Ratio Lower Upper

78 100

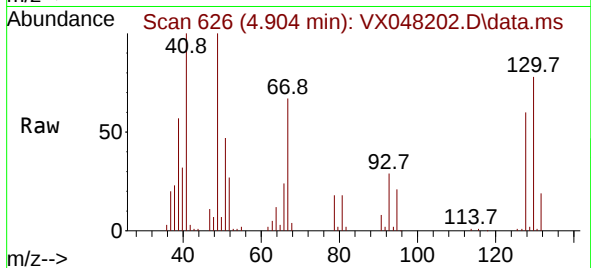
77 23.2 19.3 28.9





#41
Methacrylonitrile
Concen: 106.668 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

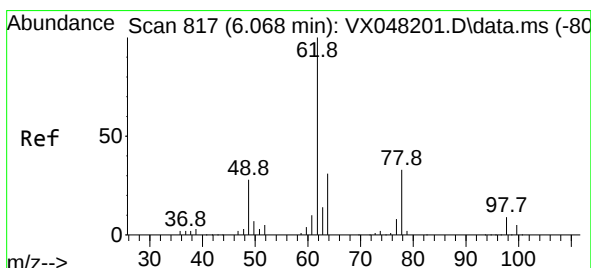
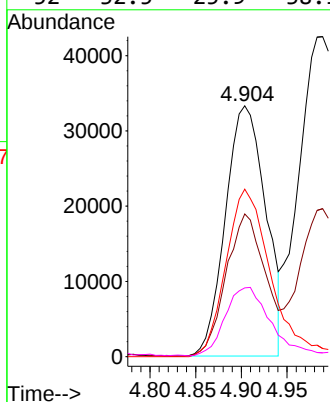
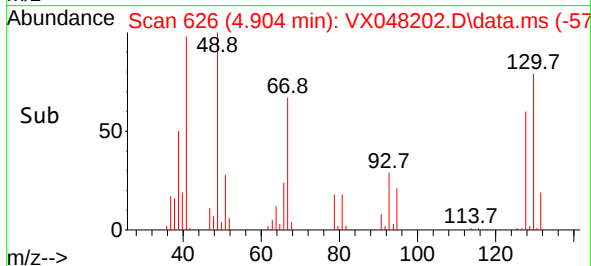
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 10183
Ion Ratio Lower Upper
41 100
39 54.9 44.0 66.0
67 75.4 58.7 88.1
52 32.5 25.9 38.9

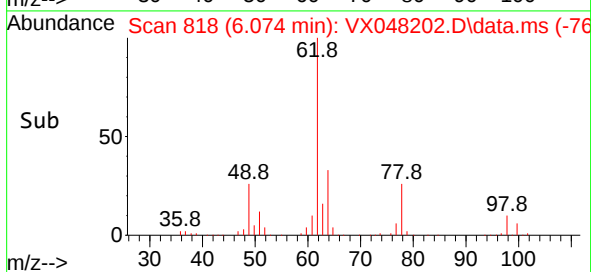
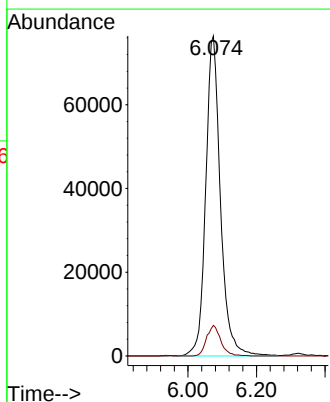
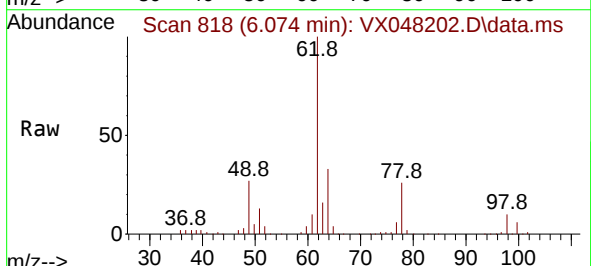
Manual Integrations
APPROVED

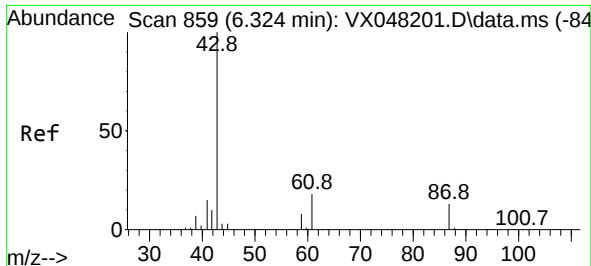
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#42
1,2-Dichloroethane
Concen: 96.255 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 62 Resp: 228400
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.2





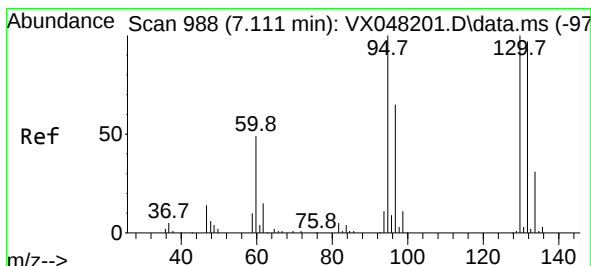
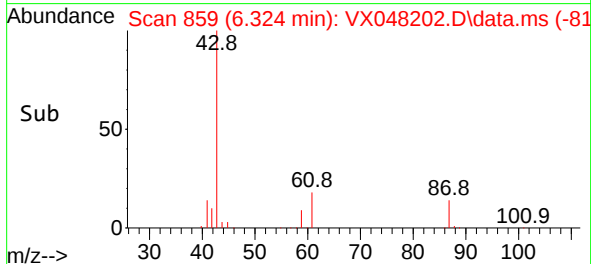
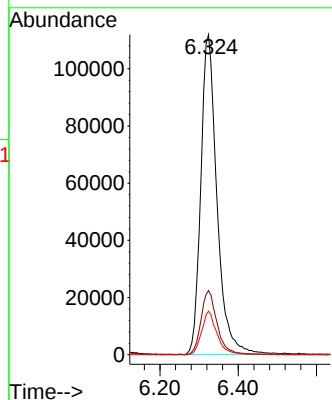
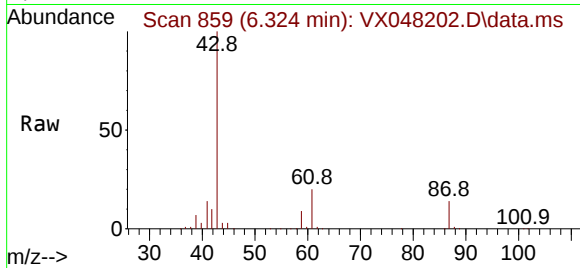
#43
Isopropyl Acetate
Concen: 107.098 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 32046
Ion Ratio Lower Upper
43 100
61 20.0 14.9 22.3
87 12.8 9.4 14.2

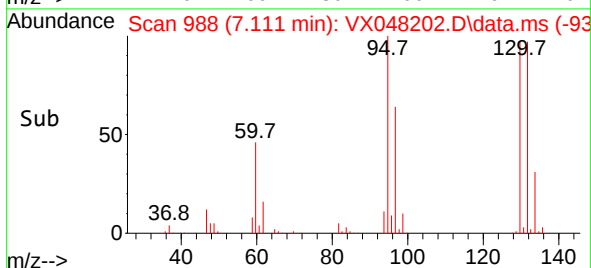
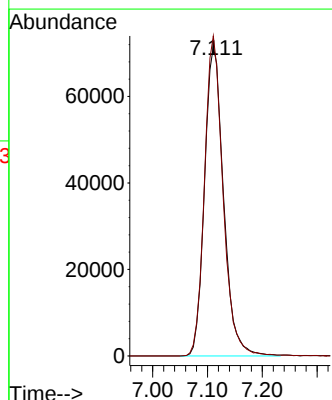
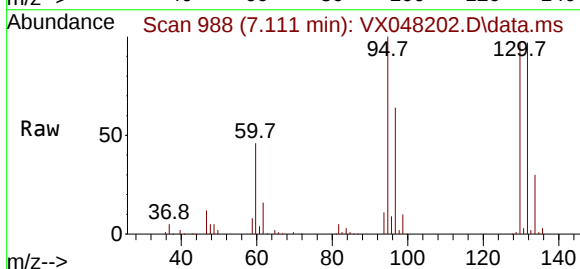
Manual Integrations
APPROVED

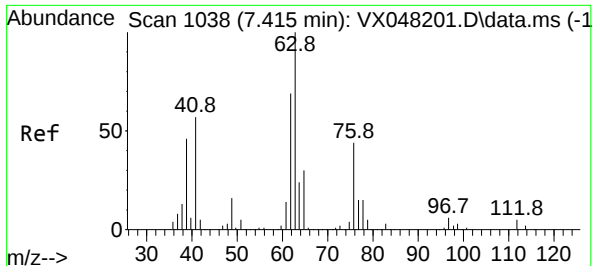
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#44
Trichloroethene
Concen: 103.199 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:130 Resp: 172256
Ion Ratio Lower Upper
130 100
95 103.5 0.0 200.6





#45

1,2-Dichloropropane

Concen: 101.299 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048202.D

Acq: 17 Oct 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 16979

Ion Ratio Lower Upper

63 100

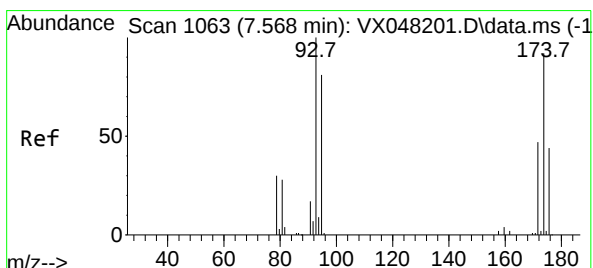
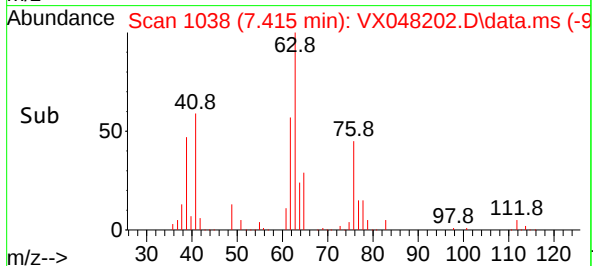
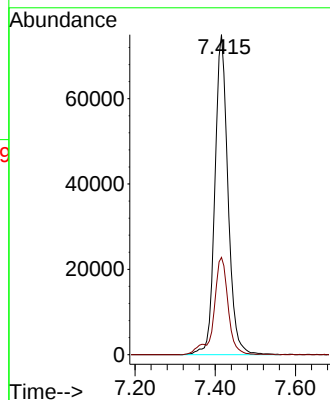
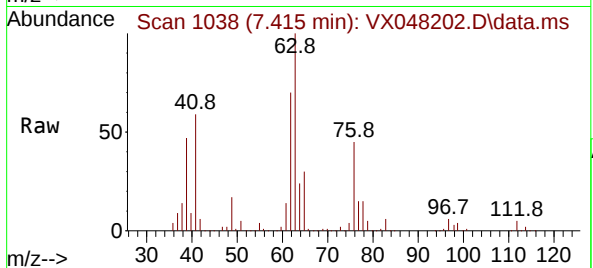
65 30.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#46

Dibromomethane

Concen: 100.170 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048202.D

Acq: 17 Oct 2025 10:16

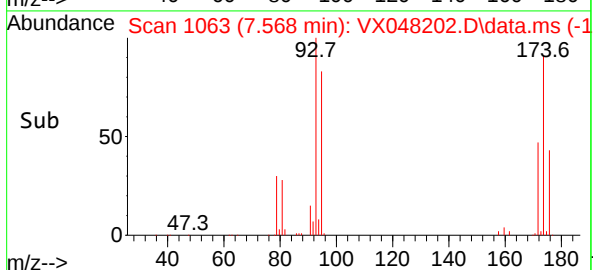
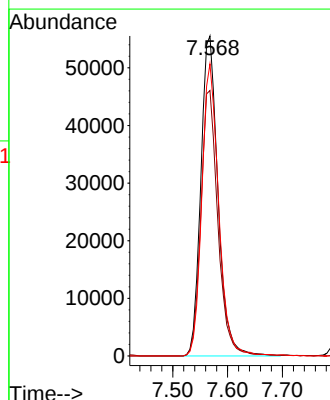
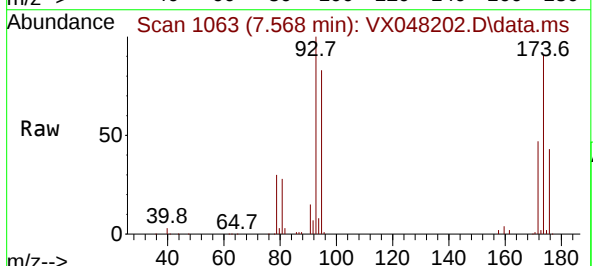
Tgt Ion: 93 Resp: 120808

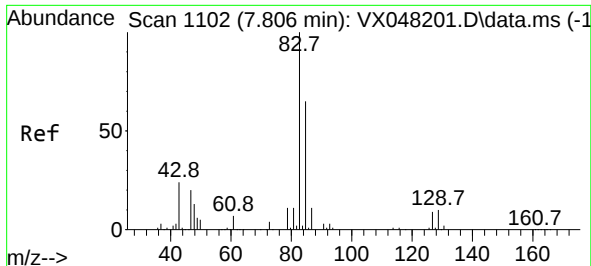
Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

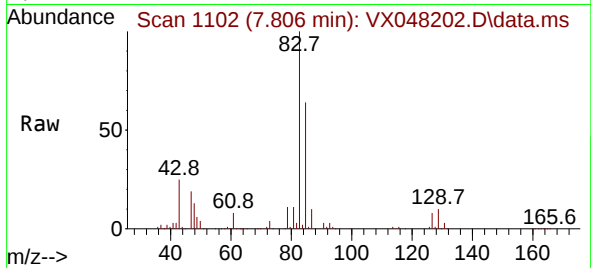
174 89.7 71.7 107.5





#47
Bromodichloromethane
Concen: 100.714 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

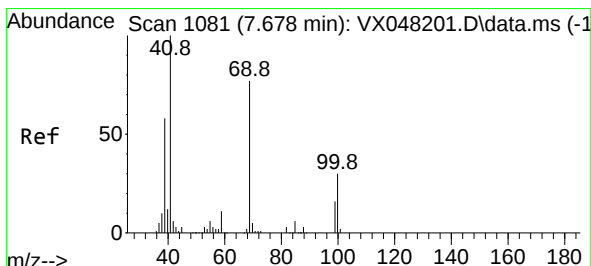
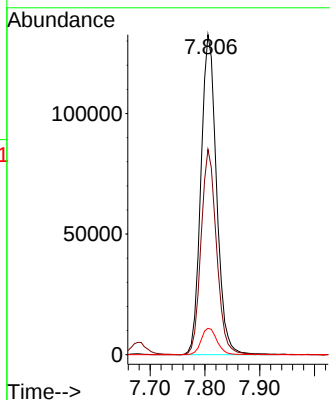
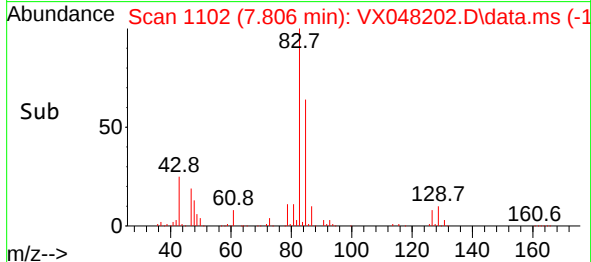
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 26252
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4
127 8.2 7.3 10.9

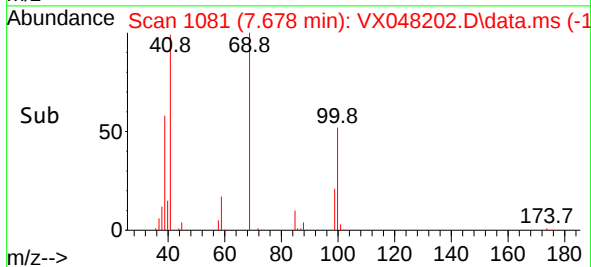
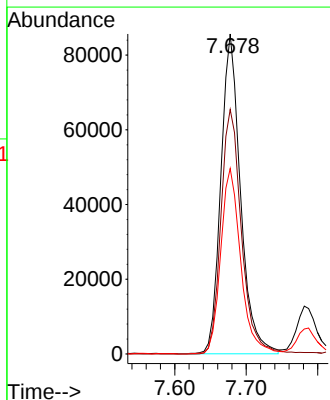
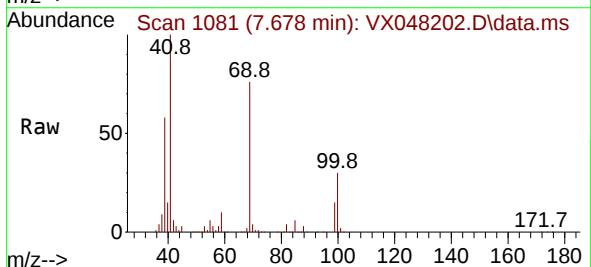
Manual Integrations
APPROVED

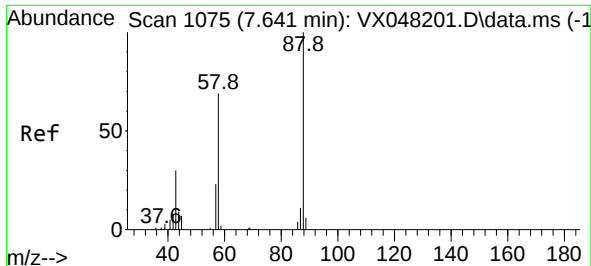
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#48
Methyl methacrylate
Concen: 106.866 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

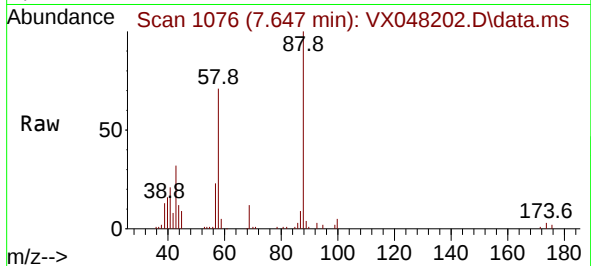
Tgt Ion: 41 Resp: 163691
Ion Ratio Lower Upper
41 100
69 80.4 63.4 95.0
39 59.2 47.1 70.7





#49
1,4-Dioxane
Concen: 2210.027 ug/l
RT: 7.647 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

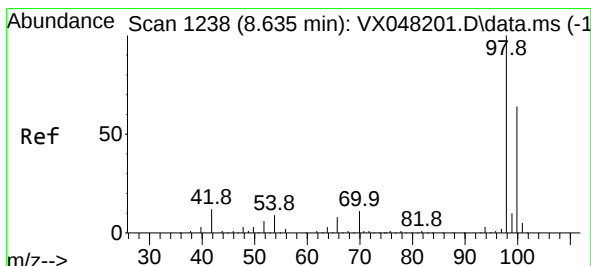
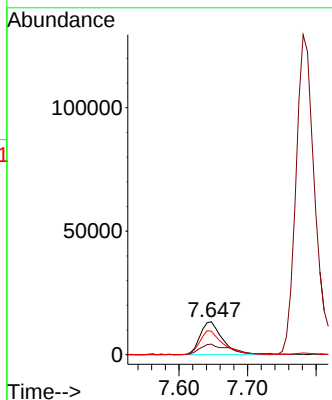
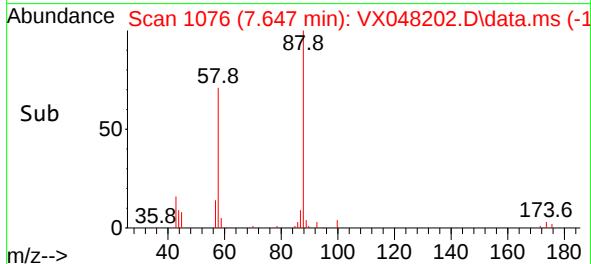
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 30472
Ion Ratio Lower Upper
88 100
43 43.5 35.0 52.4
58 74.6 61.9 92.9

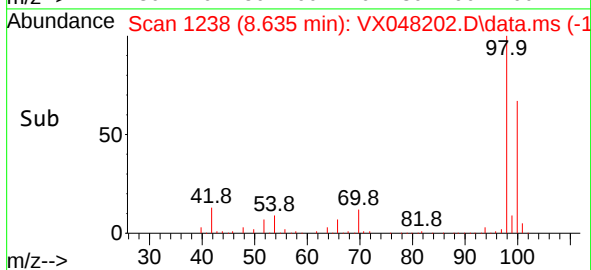
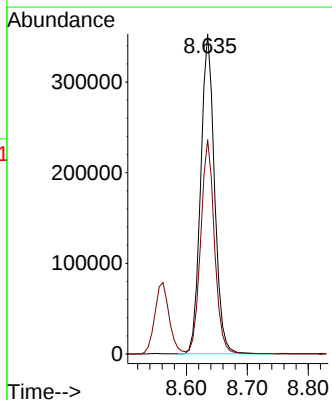
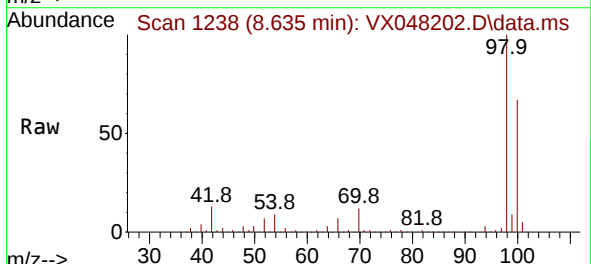
Manual Integrations
APPROVED

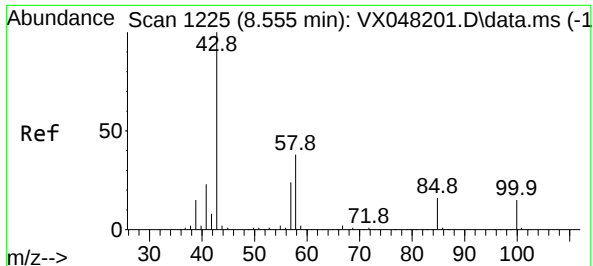
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#50
Toluene-d8
Concen: 97.937 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 98 Resp: 558638
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4





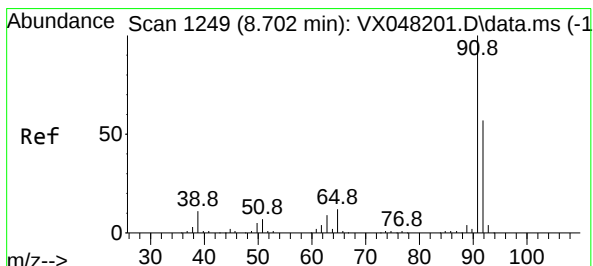
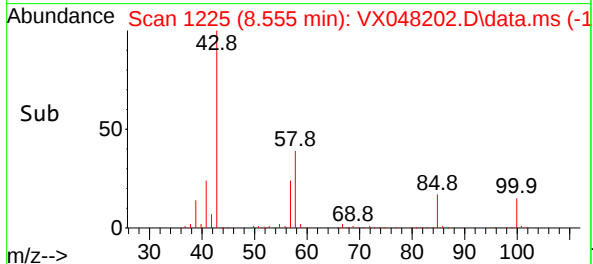
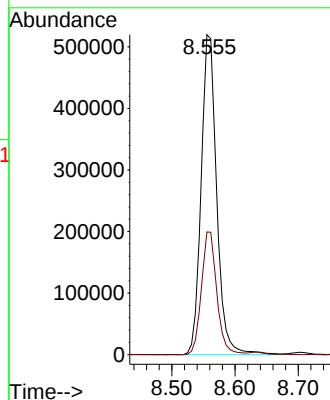
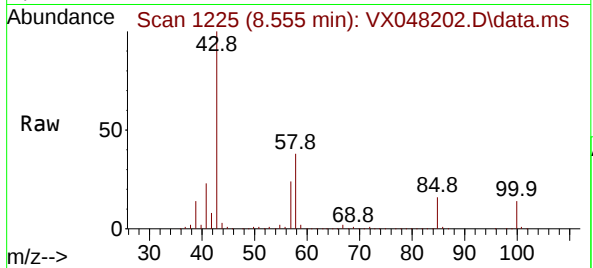
#51
4-Methyl-2-Pentanone
Concen: 535.021 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 89084
Ion Ratio Lower Upper
43 100
58 37.9 29.5 44.3

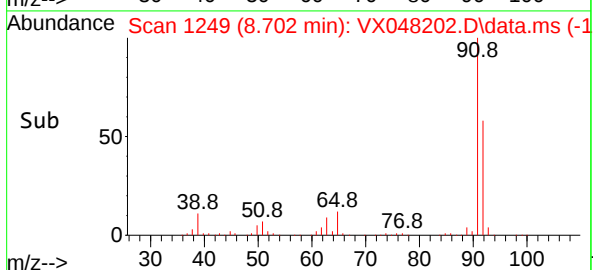
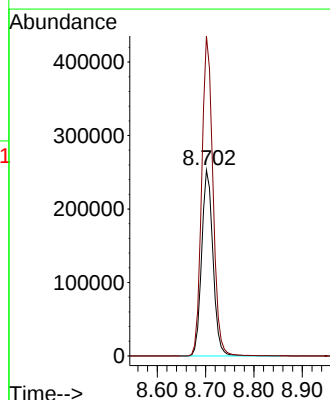
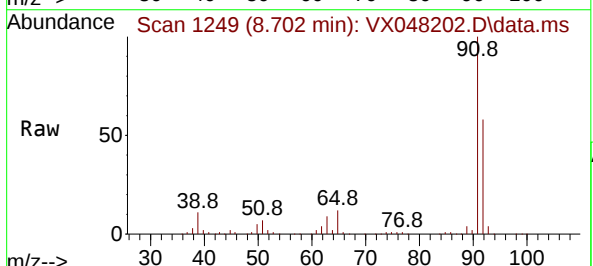
Manual Integrations
APPROVED

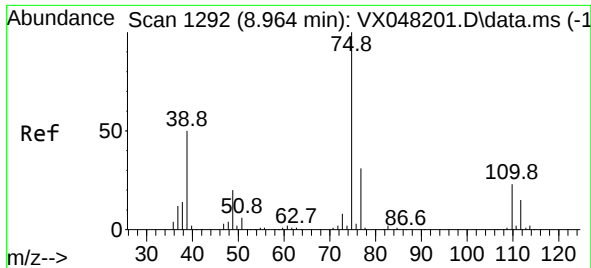
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#52
Toluene
Concen: 103.371 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

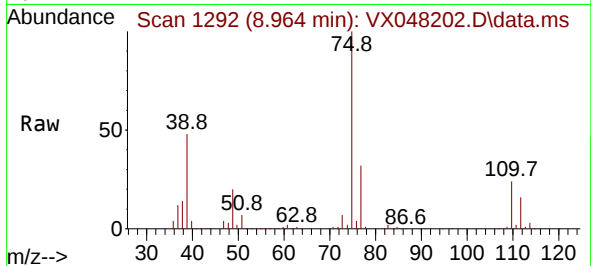
Tgt Ion: 92 Resp: 411490
Ion Ratio Lower Upper
92 100
91 170.4 136.1 204.1





#53
t-1,3-Dichloropropene
Concen: 106.986 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

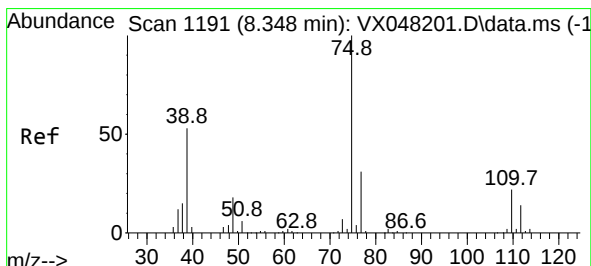
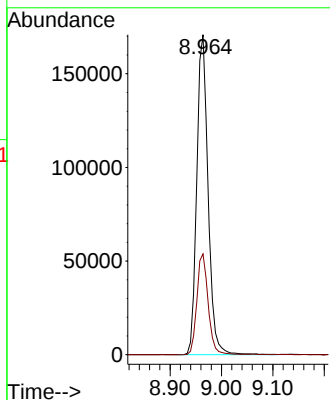
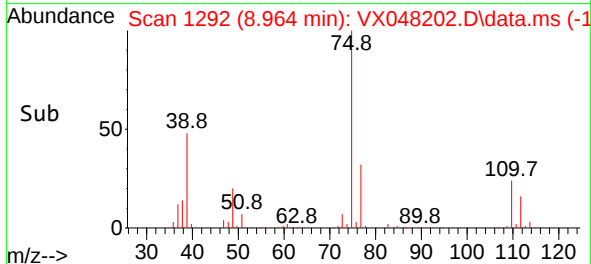
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



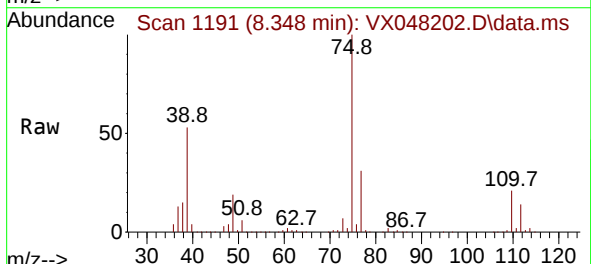
Tgt Ion: 75 Resp: 261252
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6

Manual Integrations
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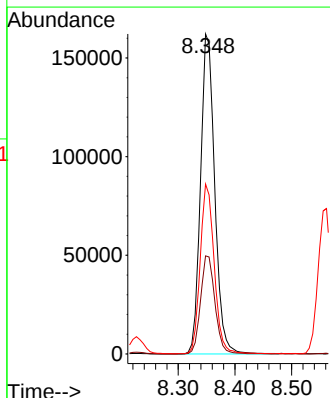
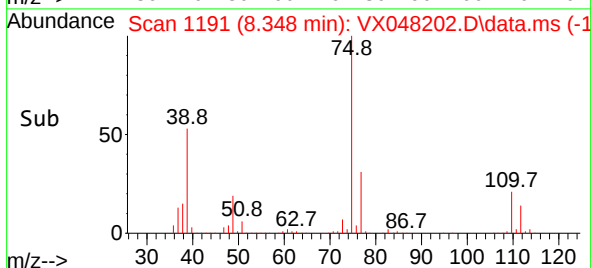
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

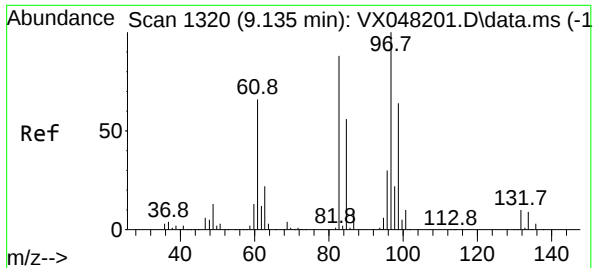


#54
cis-1,3-Dichloropropene
Concen: 106.213 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16



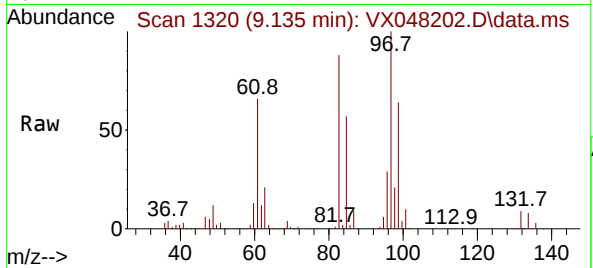
Tgt Ion: 75 Resp: 282702
Ion Ratio Lower Upper
75 100
77 30.7 24.9 37.3
39 52.9 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 101.567 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

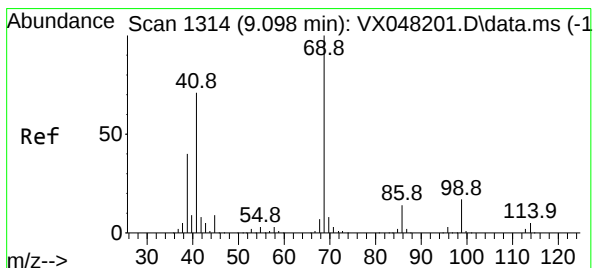
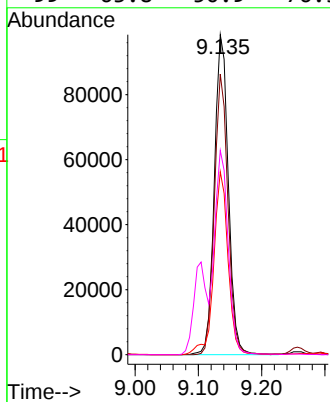
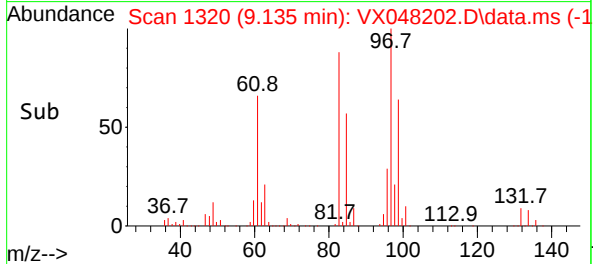
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



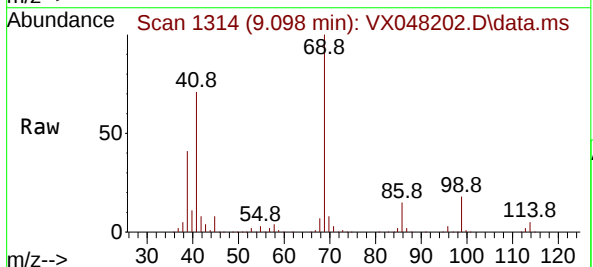
Tgt Ion: 97 Resp: 15085
Ion Ratio Lower Upper
97 100
83 87.7 70.6 105.8
85 57.1 45.0 67.6
99 63.8 50.9 76.3

Manual Integrations
APPROVED

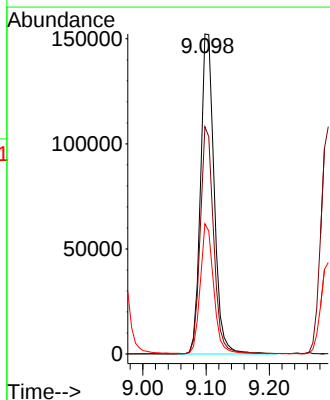
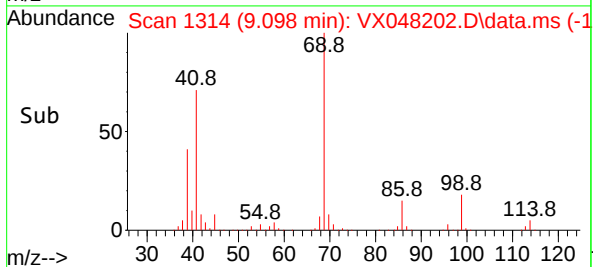
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

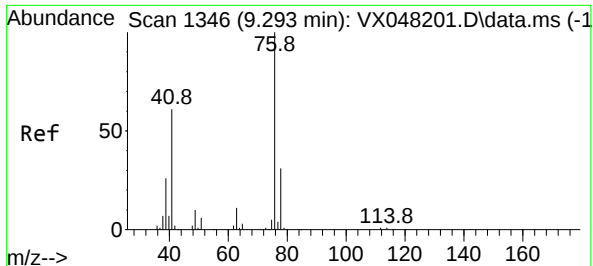


#56
Ethyl methacrylate
Concen: 113.382 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16



Tgt Ion: 69 Resp: 229045
Ion Ratio Lower Upper
69 100
41 69.9 56.0 84.0
39 39.9 31.6 47.4





#57

1,3-Dichloropropane

Concen: 101.389 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048202.D

Acq: 17 Oct 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 263100

Ion Ratio Lower Upper

76 100

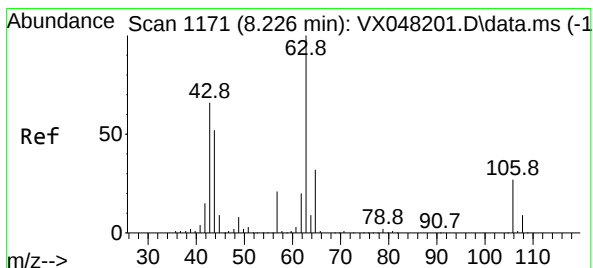
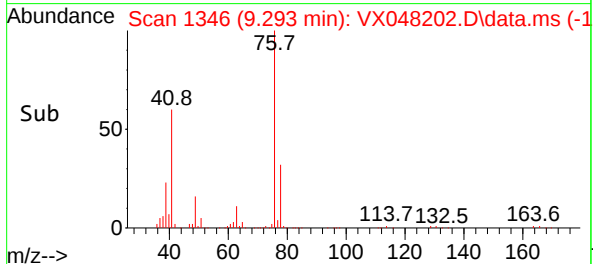
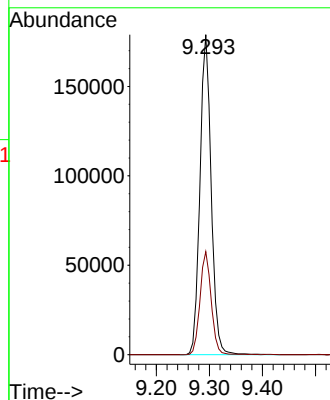
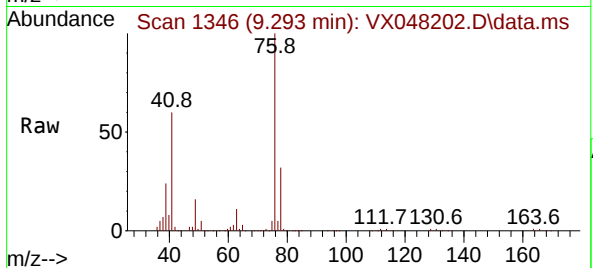
78 32.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 506.414 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048202.D

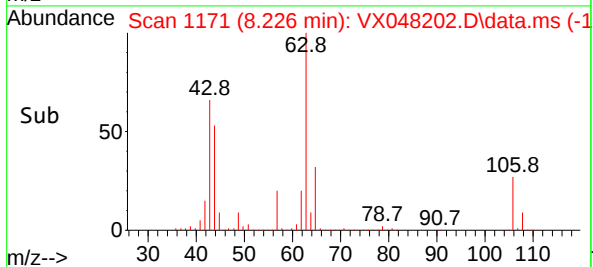
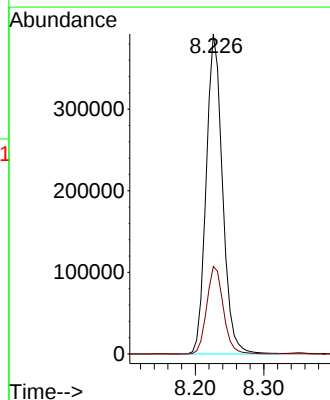
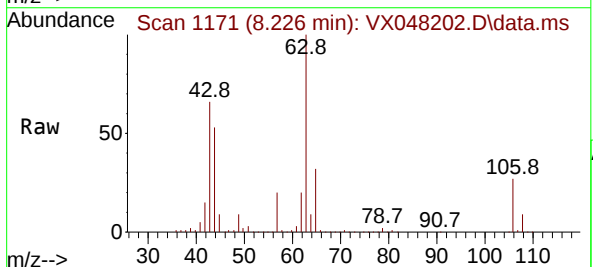
Acq: 17 Oct 2025 10:16

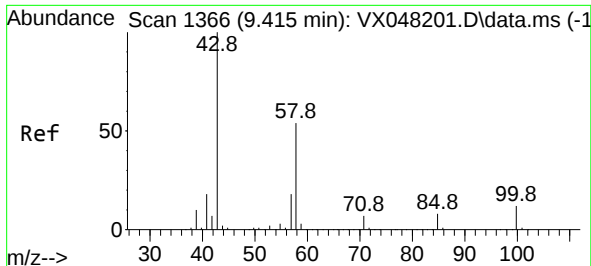
Tgt Ion: 63 Resp: 649675

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2





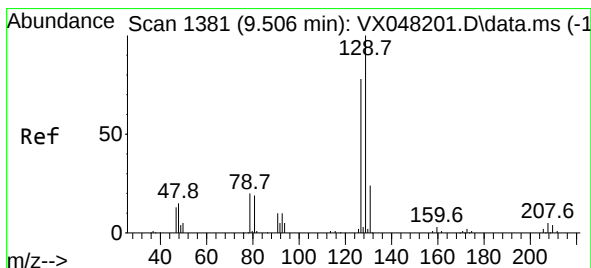
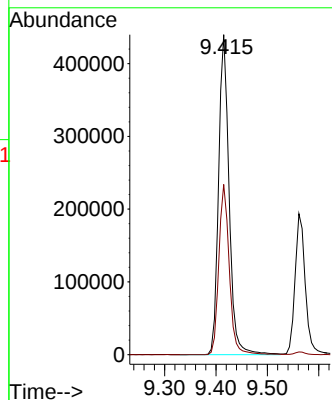
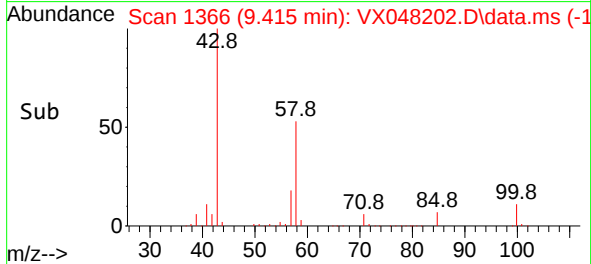
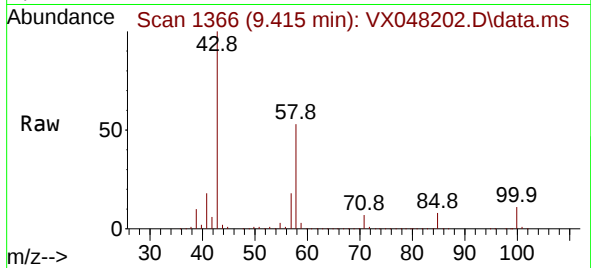
#59
2-Hexanone
Concen: 534.621 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 62265
Ion Ratio Lower Upper
43 100
58 53.2 26.3 78.8

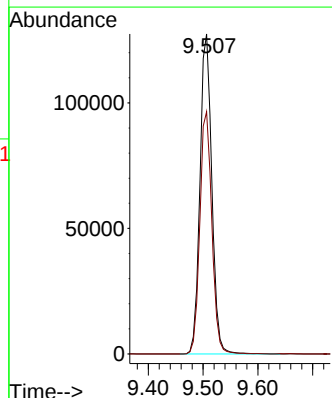
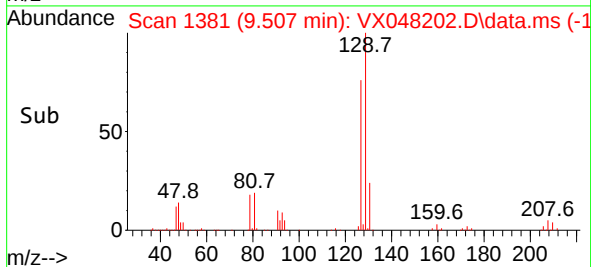
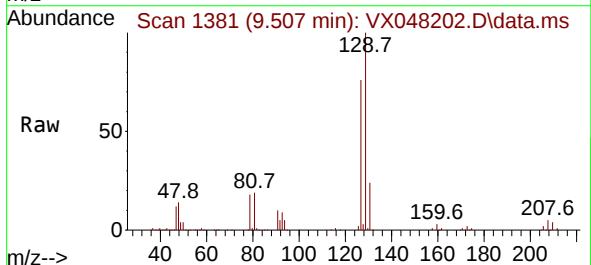
Manual Integrations
APPROVED

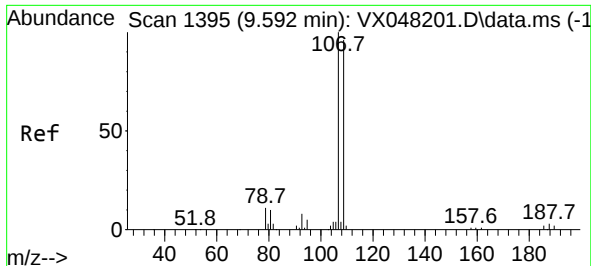
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#60
Dibromochloromethane
Concen: 103.006 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

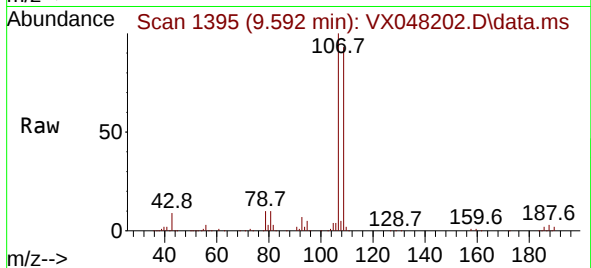
Tgt Ion:129 Resp: 191498
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 103.129 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

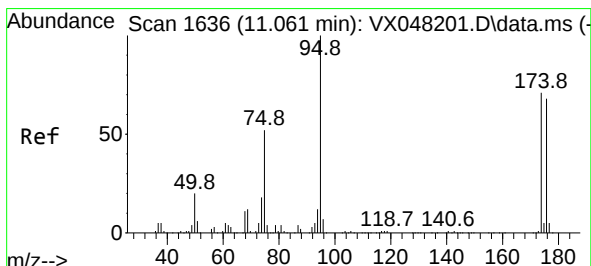
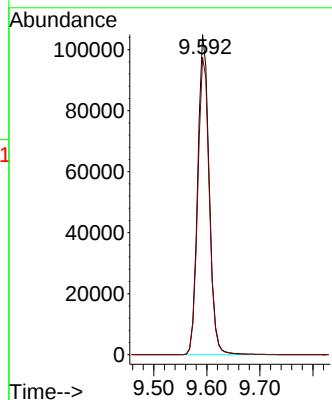
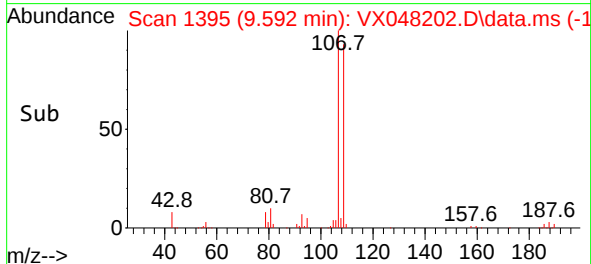
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



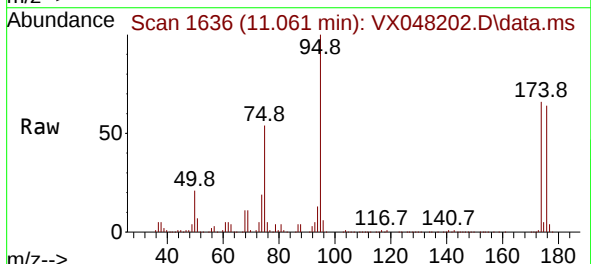
Tgt Ion:107 Resp: 157062
Ion Ratio Lower Upper
107 100
109 93.7 77.0 115.4

Manual Integrations
APPROVED

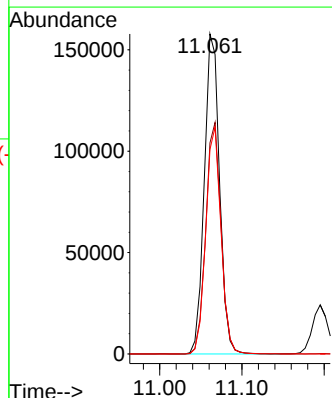
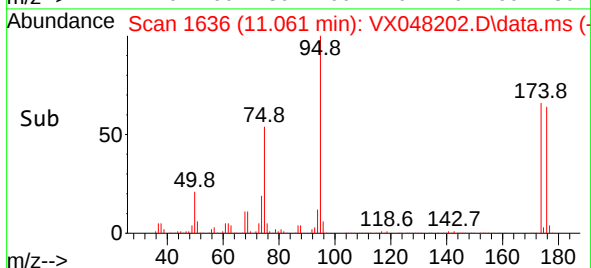
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

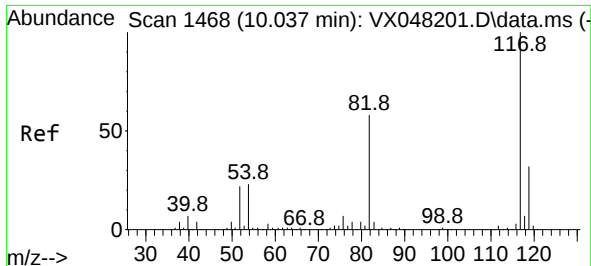


#62
4-Bromofluorobenzene
Concen: 97.772 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16



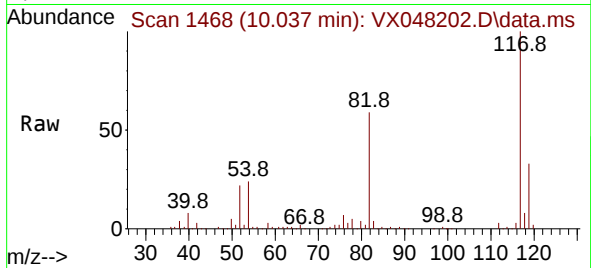
Tgt Ion: 95 Resp: 203127
Ion Ratio Lower Upper
95 100
174 72.6 0.0 147.8
176 70.6 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

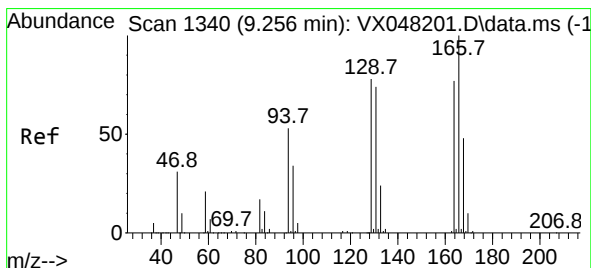
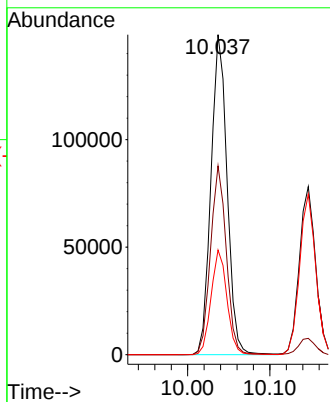
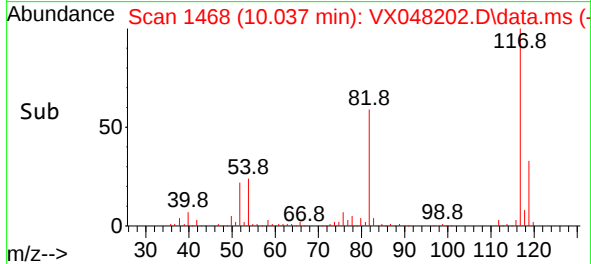
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 20262
Ion Ratio Lower Upper
117 100
82 59.0 46.5 69.7
119 32.7 25.9 38.9

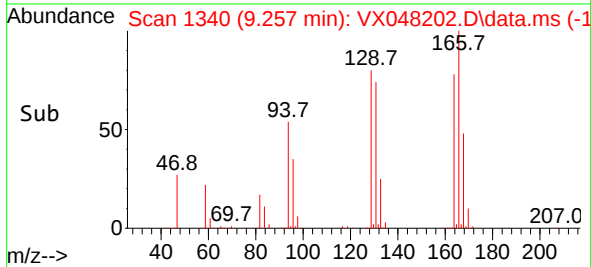
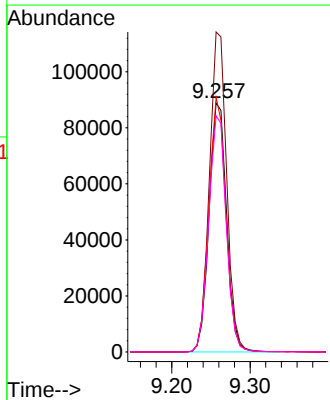
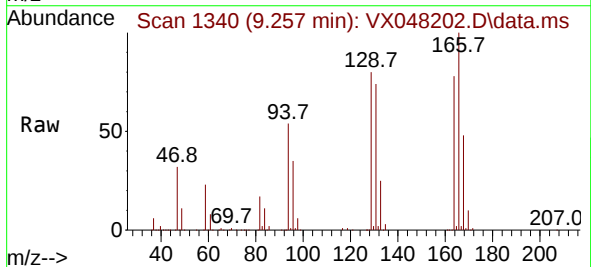
Manual Integrations
APPROVED

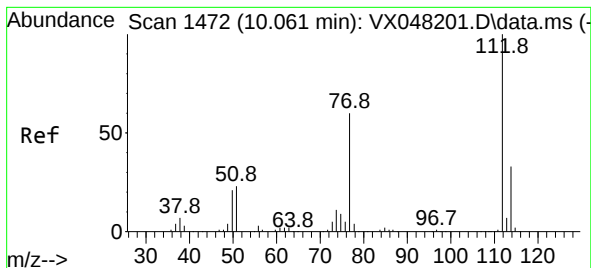
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#64
Tetrachloroethene
Concen: 97.393 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:164 Resp: 138367
Ion Ratio Lower Upper
164 100
166 128.6 104.5 156.7
129 102.3 81.8 122.6
131 94.9 77.0 115.6





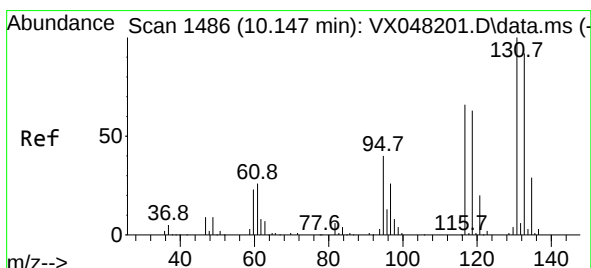
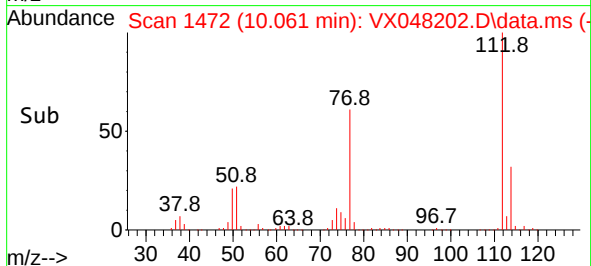
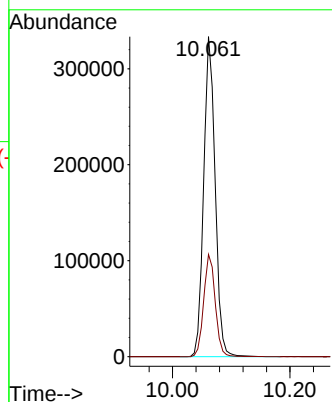
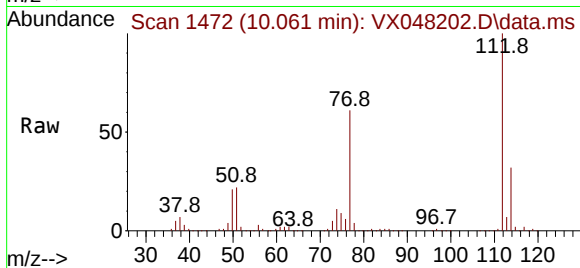
#65
Chlorobenzene
Concen: 101.832 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 451140
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

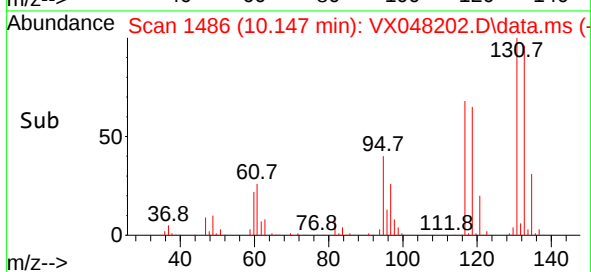
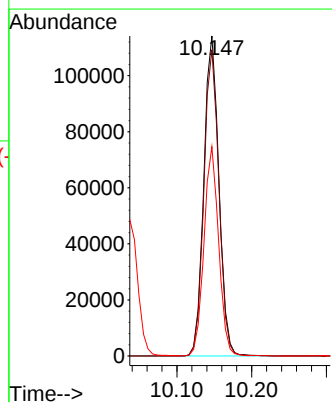
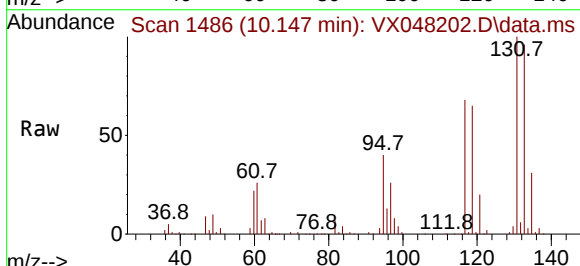
Manual Integrations
APPROVED

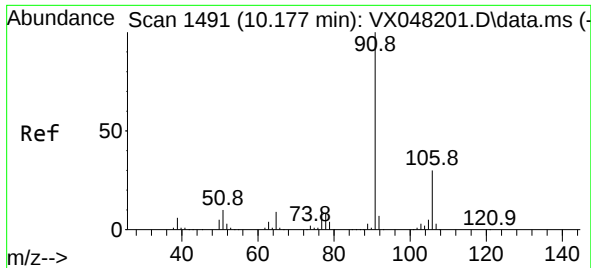
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 100.207 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

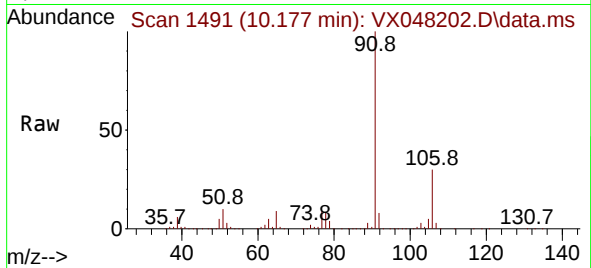
Tgt Ion:131 Resp: 159981
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 63.7 32.5 97.5





#67
Ethyl Benzene
Concen: 105.049 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

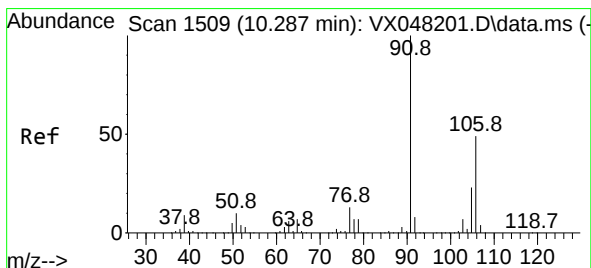
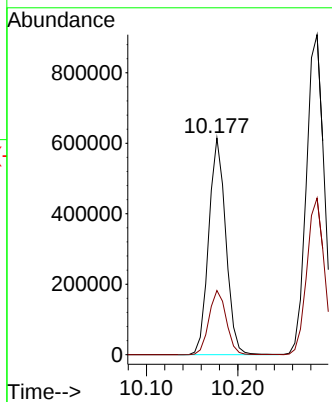
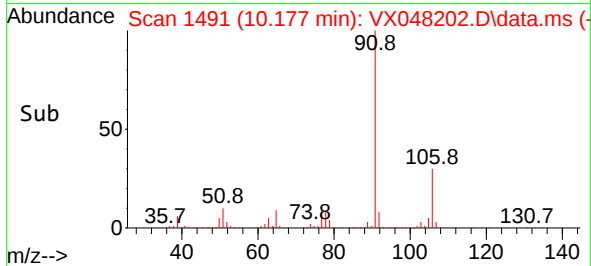
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



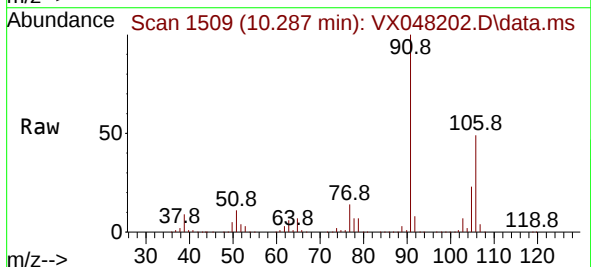
Tgt Ion: 91 Resp: 797880
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6

Manual Integrations
APPROVED

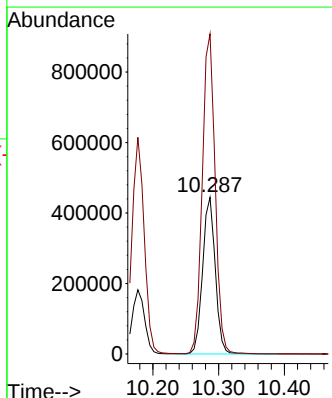
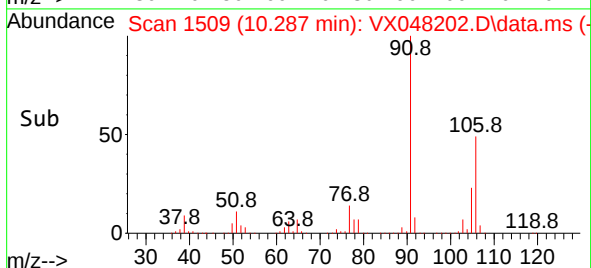
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

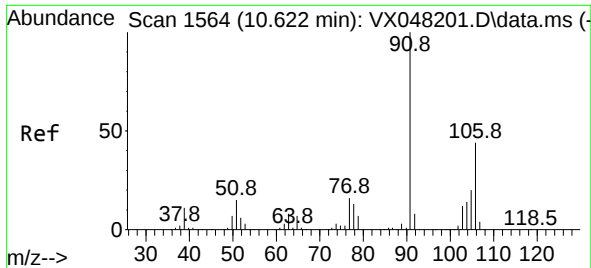


#68
m/p-Xylenes
Concen: 209.915 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16



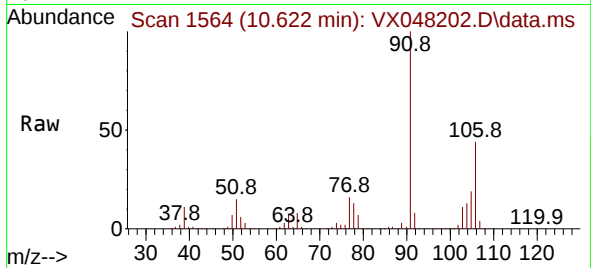
Tgt Ion:106 Resp: 593973
Ion Ratio Lower Upper
106 100
91 207.8 167.9 251.9





#69
o-Xylene
Concen: 107.091 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

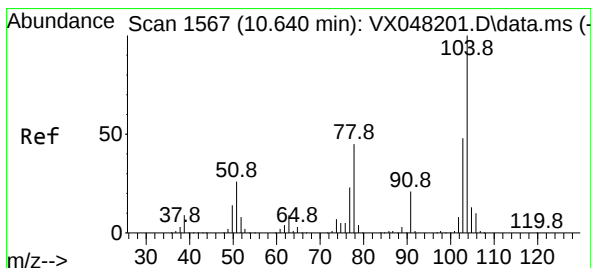
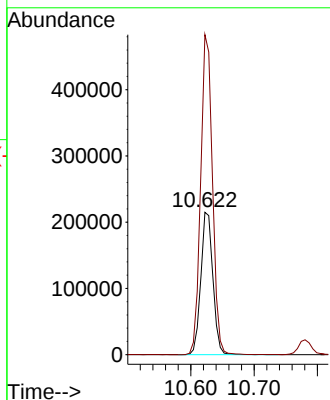
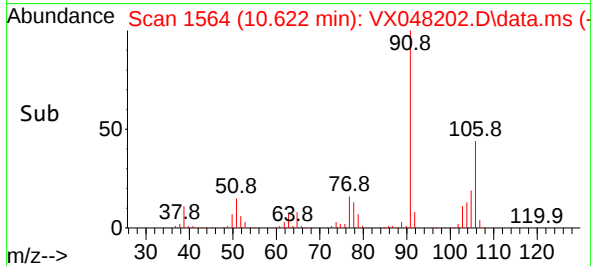
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



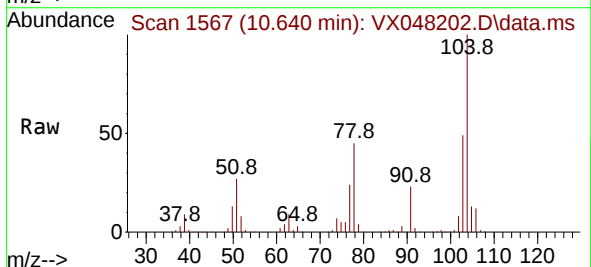
Tgt Ion:106 Resp: 28525
Ion Ratio Lower Upper
106 100
91 220.6 111.3 333.9

Manual Integrations
APPROVED

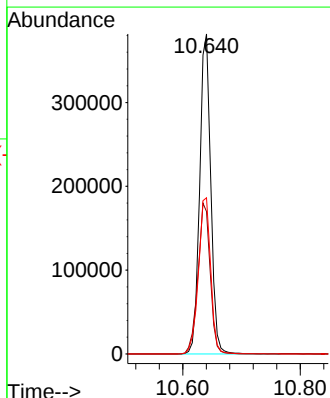
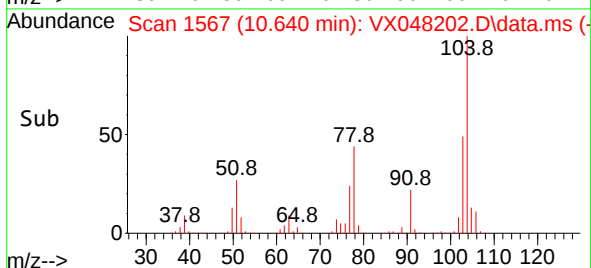
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

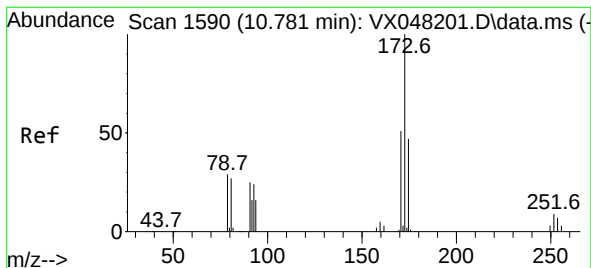


#70
Styrene
Concen: 108.910 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16



Tgt Ion:104 Resp: 499350
Ion Ratio Lower Upper
104 100
78 52.3 42.2 63.4
103 54.1 43.0 64.4





#71

Bromoform

Concen: 101.196 ug/l

RT: 10.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048202.D

Acq: 17 Oct 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:173 Resp: 118639

Ion Ratio Lower Upper

173 100

175 48.6 24.0 72.0

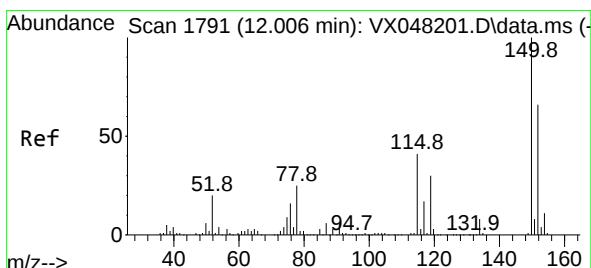
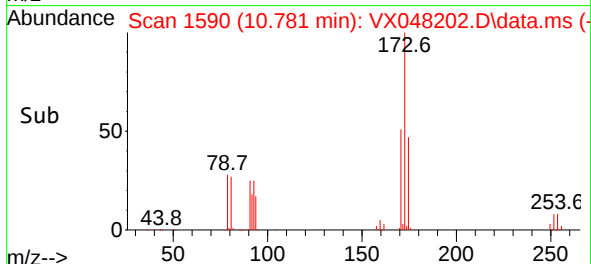
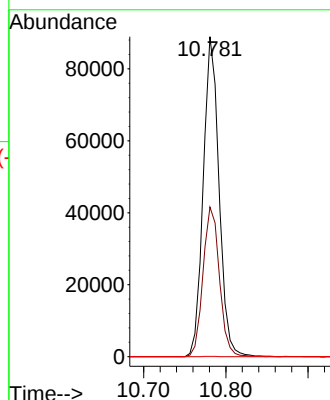
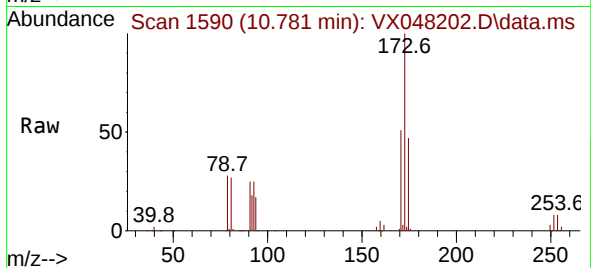
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048202.D

Acq: 17 Oct 2025 10:16

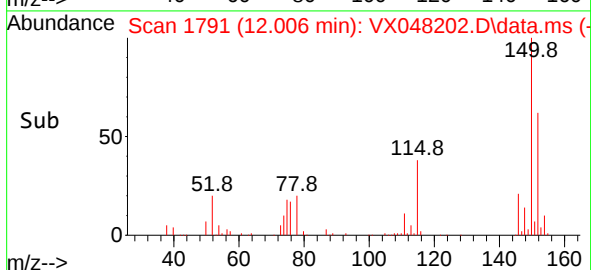
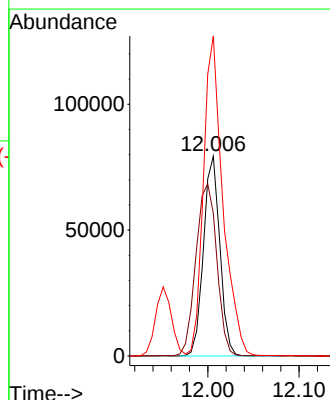
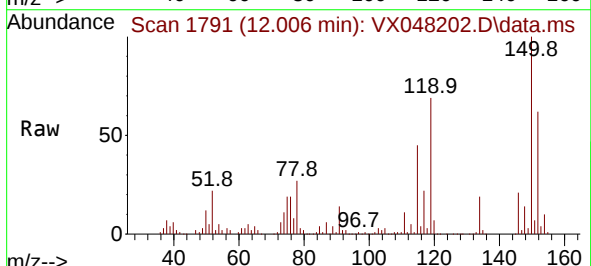
Tgt Ion:152 Resp: 98372

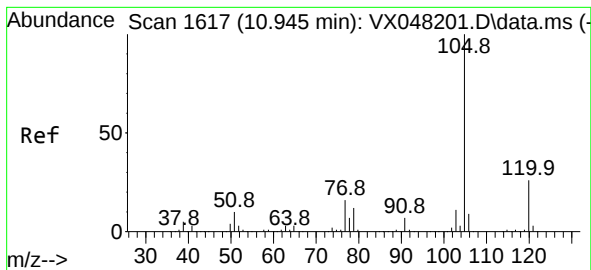
Ion Ratio Lower Upper

152 100

115 110.5 43.1 129.4

150 190.3 0.0 353.0





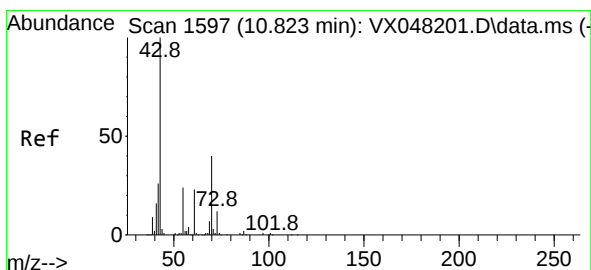
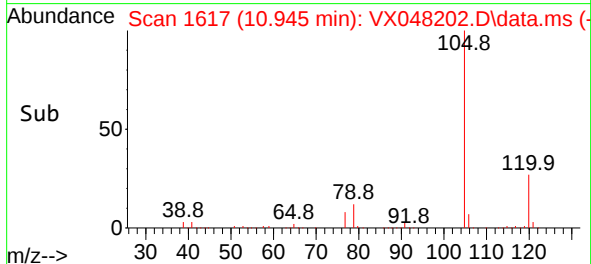
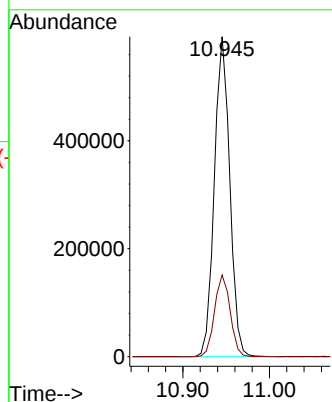
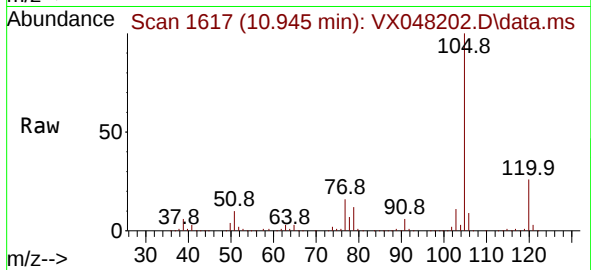
#73
Isopropylbenzene
Concen: 107.015 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 73220
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

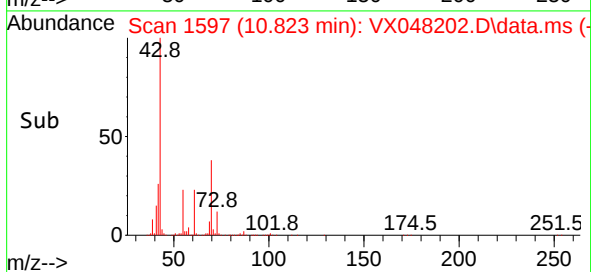
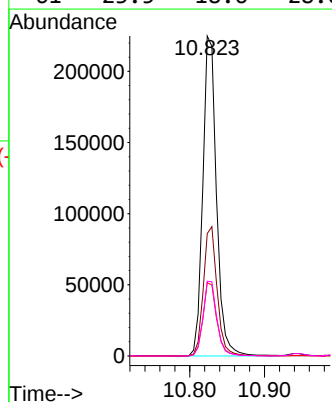
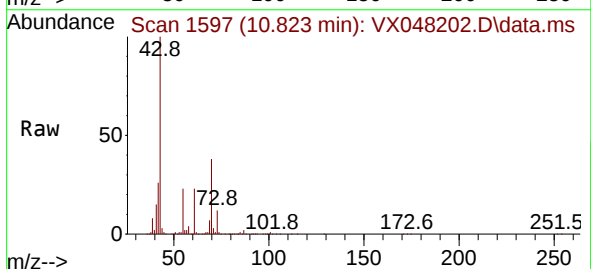
Manual Integrations
APPROVED

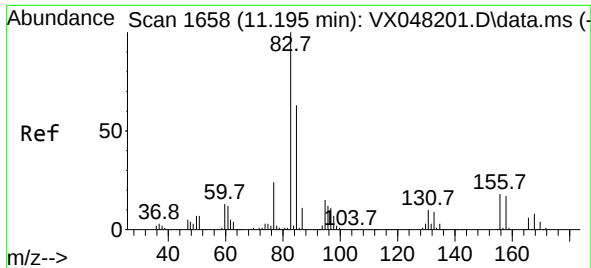
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#74
N-ethyl acetate
Concen: 112.256 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 43 Resp: 286532
Ion Ratio Lower Upper
43 100
70 40.7 32.2 48.2
55 23.3 19.1 28.7
61 23.5 18.6 28.0





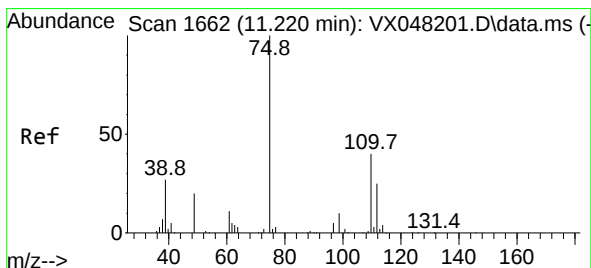
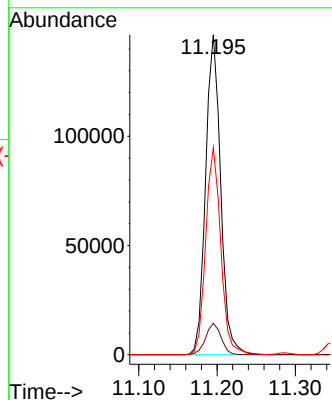
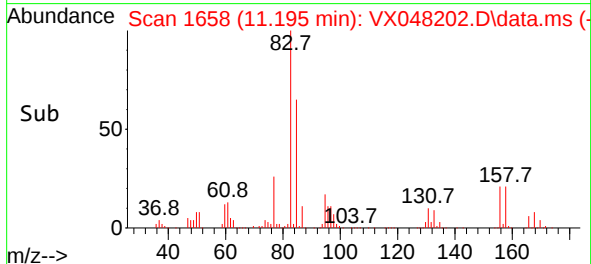
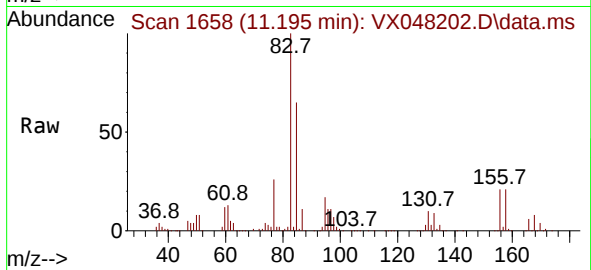
#75
1,1,2,2-Tetrachloroethane
Concen: 100.632 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 195059
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 65.0 31.9 95.7

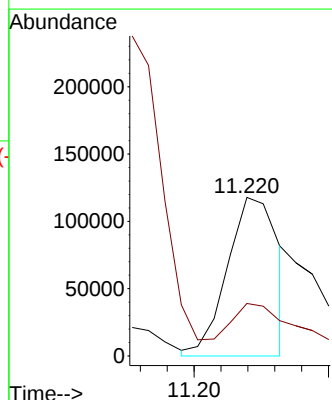
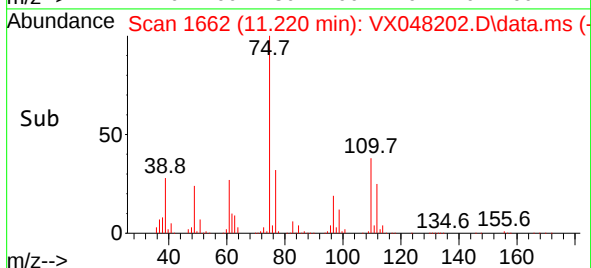
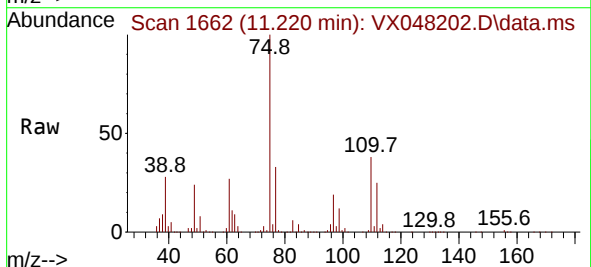
Manual Integrations
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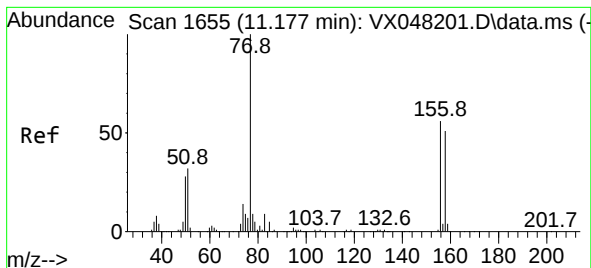
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#76
1,2,3-Trichloropropane
Concen: 103.035 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 75 Resp: 154776
Ion Ratio Lower Upper
75 100
77 43.8 22.4 67.2





#77

Bromobenzene

Concen: 102.983 ug/l

RT: 11.183 min Scan# 1655

Delta R.T. 0.006 min

Lab File: VX048202.D

Acq: 17 Oct 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:156 Resp: 17632

Ion Ratio Lower Upper

156 100

77 172.8 87.0 261.0

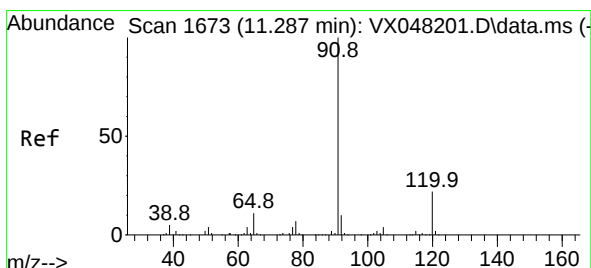
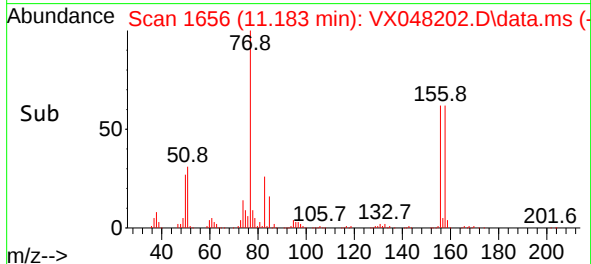
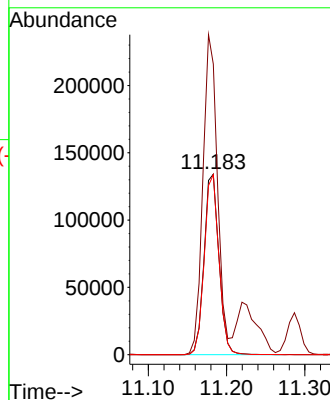
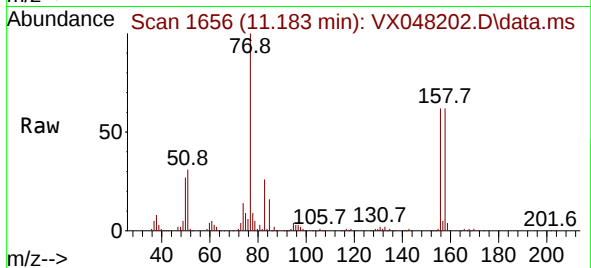
158 98.3 47.8 143.4

Manual Integrations

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Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#78

n-propylbenzene

Concen: 105.759 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048202.D

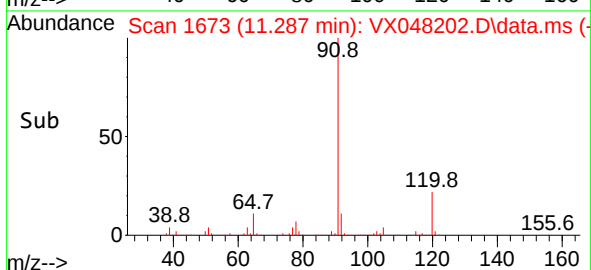
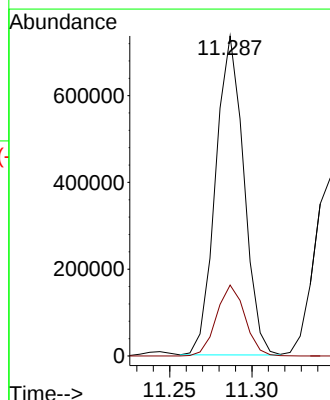
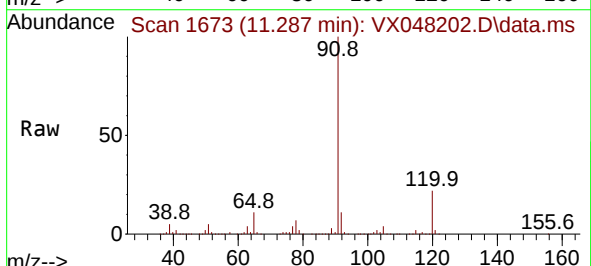
Acq: 17 Oct 2025 10:16

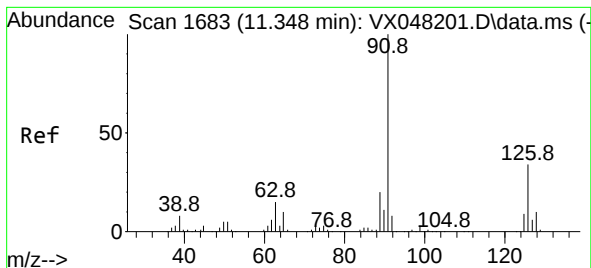
Tgt Ion: 91 Resp: 877504

Ion Ratio Lower Upper

91 100

120 22.3 11.1 33.1





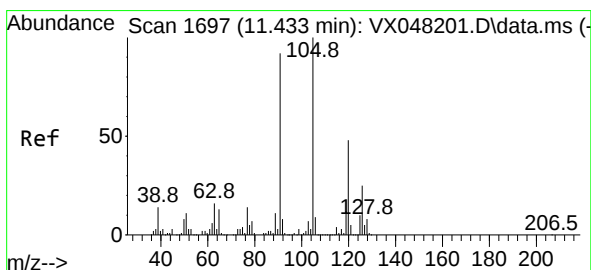
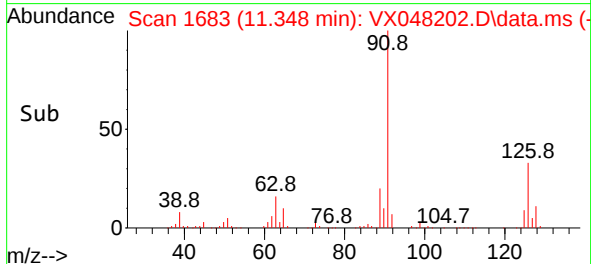
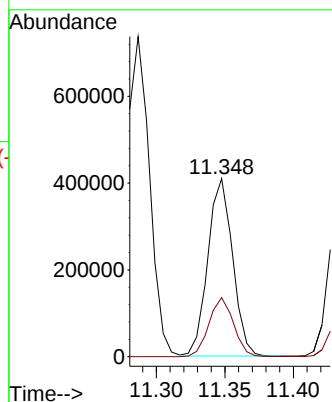
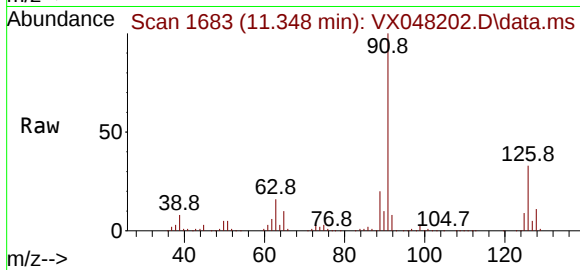
#79
2-Chlorotoluene
Concen: 102.644 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 514544
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4

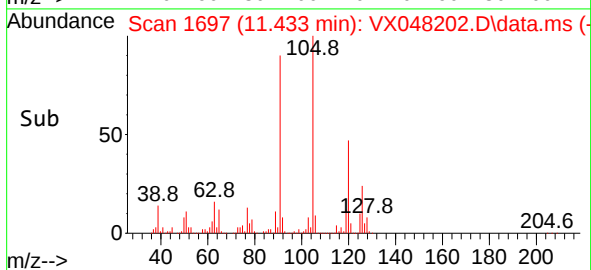
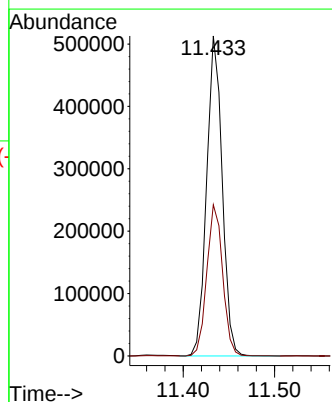
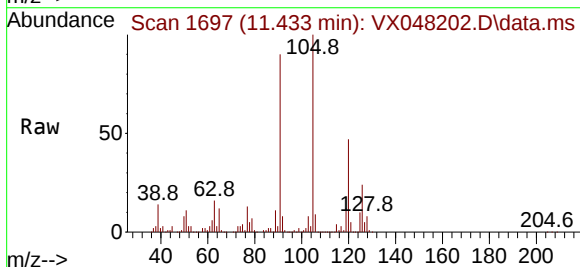
Manual Integrations
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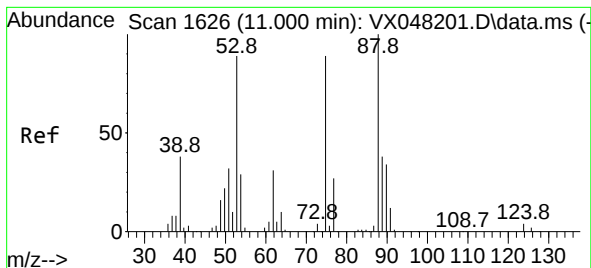
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 107.776 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

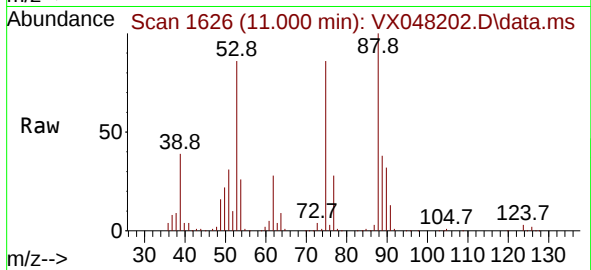
Tgt Ion:105 Resp: 605302
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 111.982 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

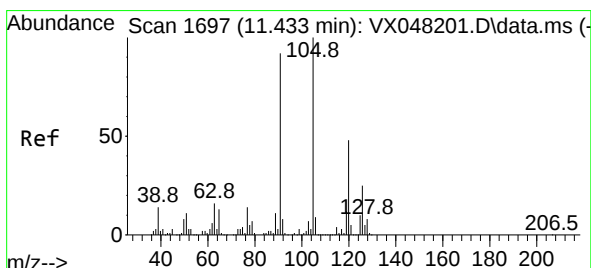
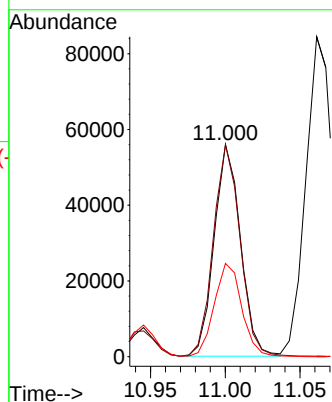
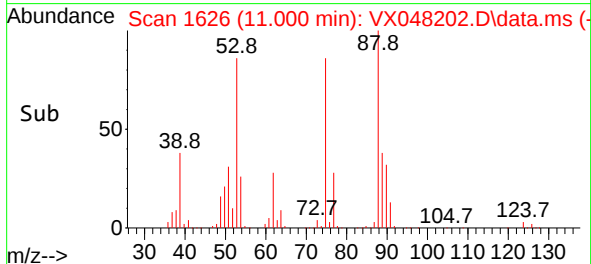
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



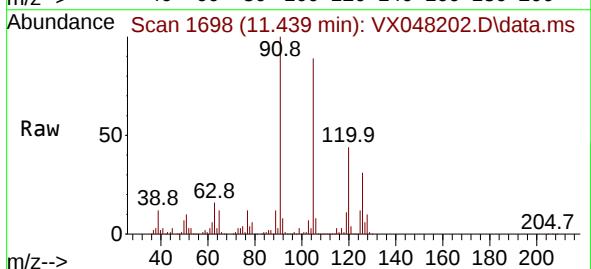
Tgt Ion: 75 Resp: 68698
Ion Ratio Lower Upper
75 100
53 102.1 79.5 119.3
89 46.0 36.8 55.2

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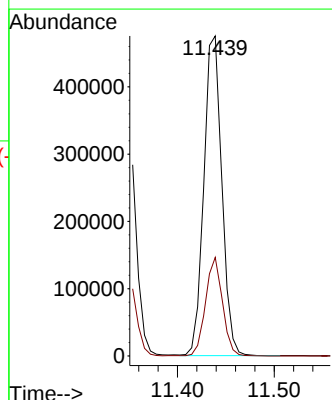
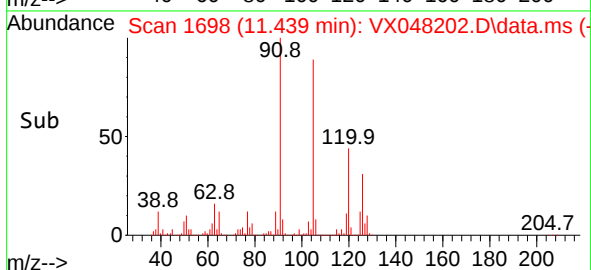
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

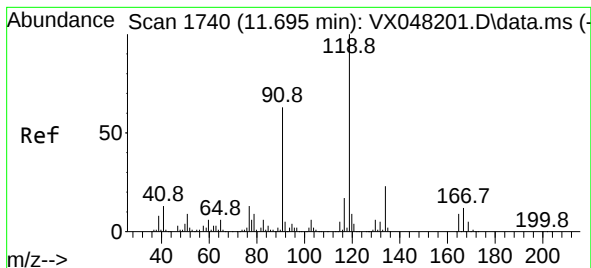


#82
4-Chlorotoluene
Concen: 104.628 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16



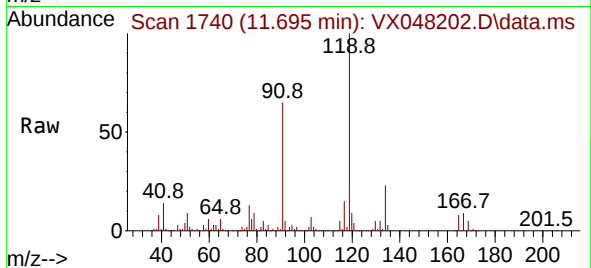
Tgt Ion: 91 Resp: 616367
Ion Ratio Lower Upper
91 100
126 29.0 14.1 42.4





#83
tert-Butylbenzene
Concen: 106.306 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

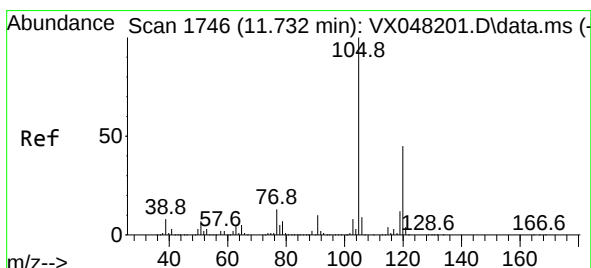
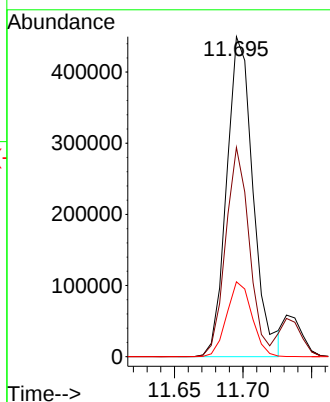
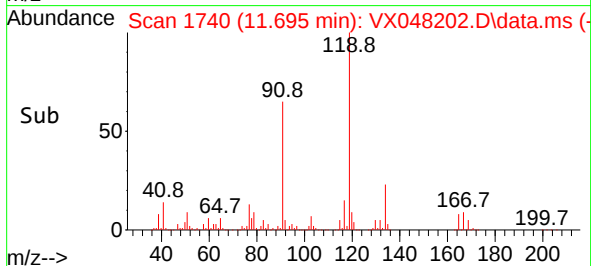
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



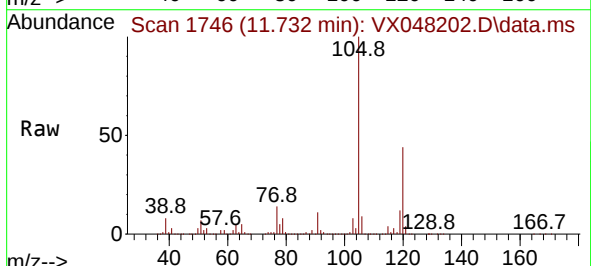
Tgt Ion:119 Resp: 603179
Ion Ratio Lower Upper
119 100
91 58.7 30.3 91.0
134 22.4 11.4 34.2

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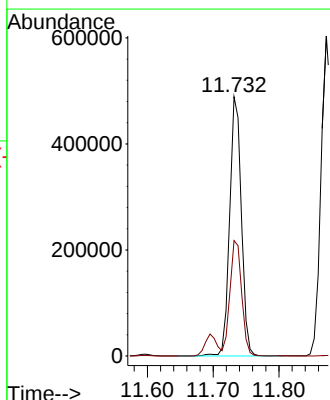
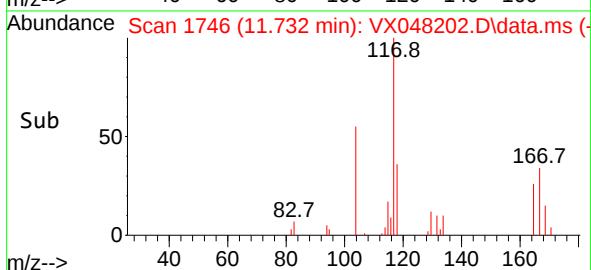
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

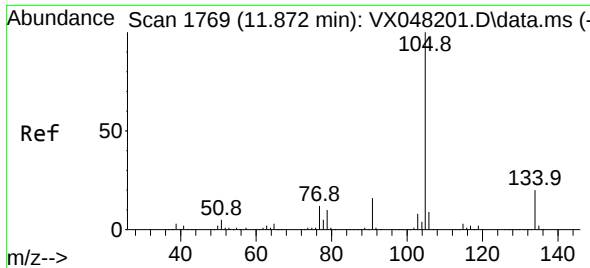


#84
1,2,4-Trimethylbenzene
Concen: 108.291 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16



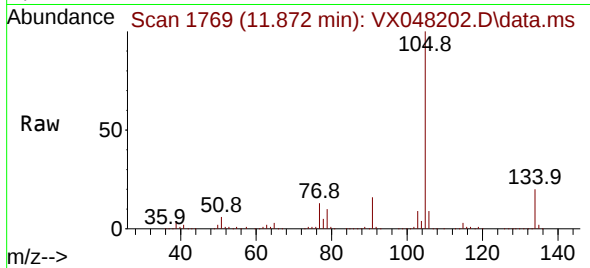
Tgt Ion:105 Resp: 605612
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 105.153 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048202.D
 Acq: 17 Oct 2025 10:16

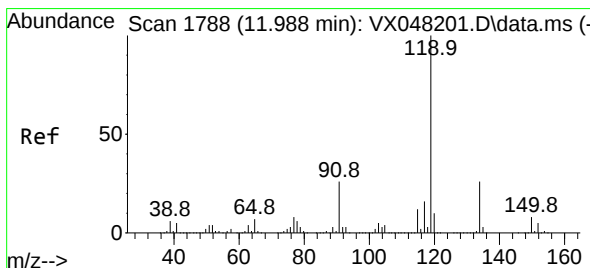
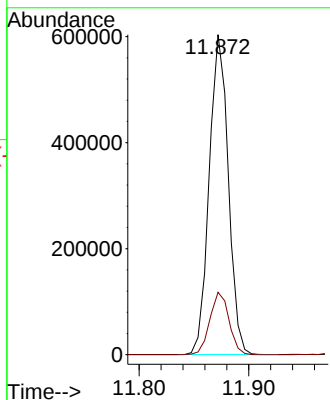
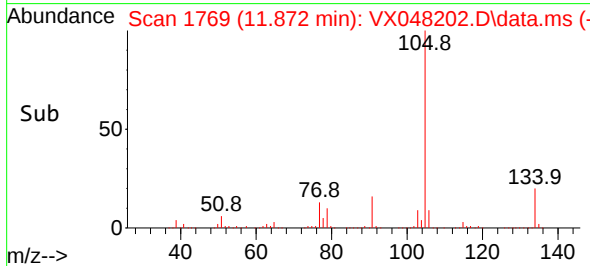
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



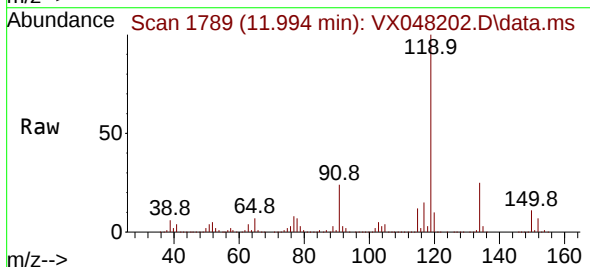
Tgt Ion:105 Resp: 72940
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1

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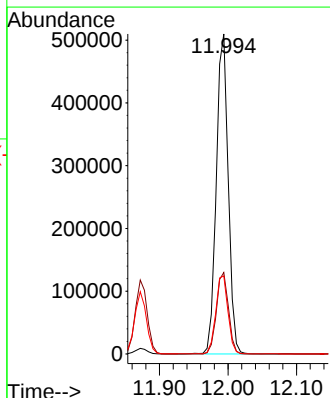
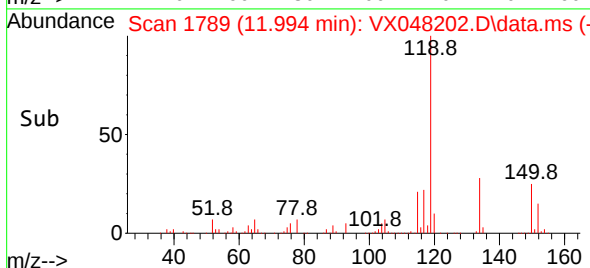
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

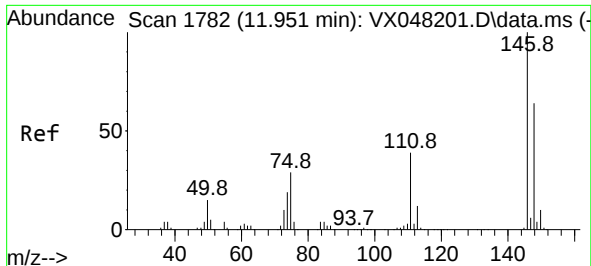


#86
 p-Isopropyltoluene
 Concen: 105.260 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048202.D
 Acq: 17 Oct 2025 10:16



Tgt Ion:119 Resp: 615443
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 25.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 102.022 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048202.D

Acq: 17 Oct 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 326678

Ion Ratio Lower Upper

146 100

111 42.2 20.4 61.2

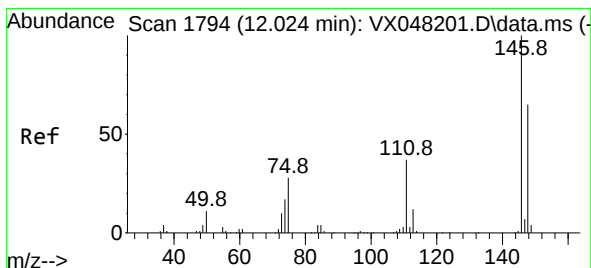
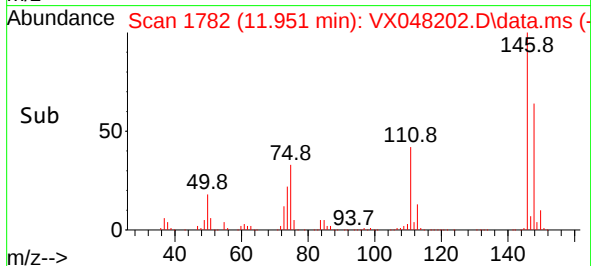
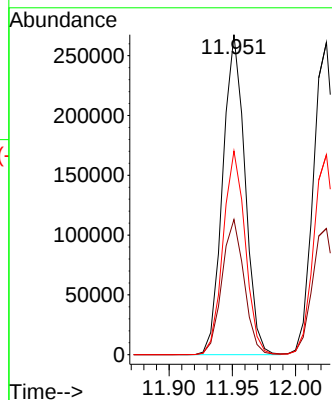
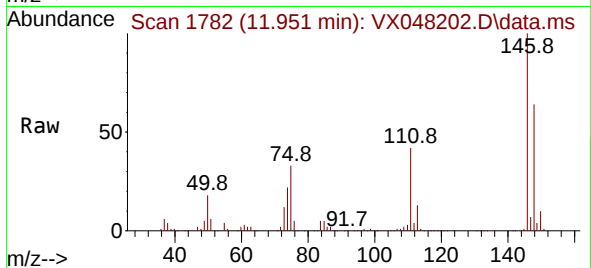
148 63.4 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#88

1,4-Dichlorobenzene

Concen: 98.575 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048202.D

Acq: 17 Oct 2025 10:16

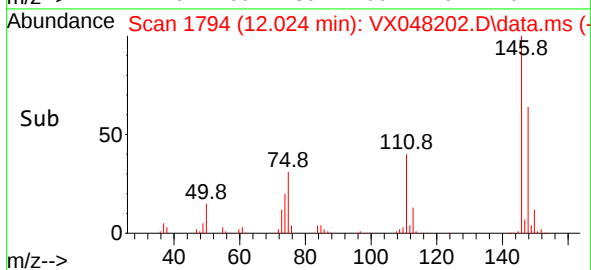
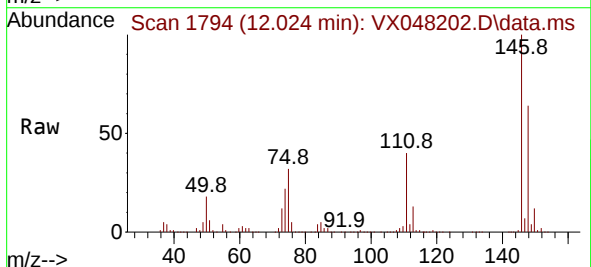
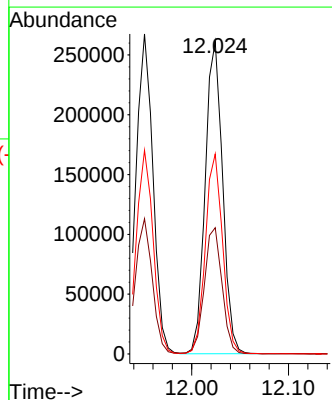
Tgt Ion:146 Resp: 327189

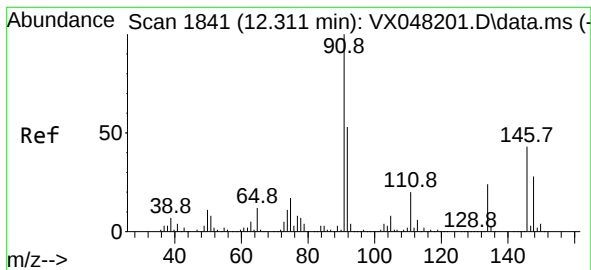
Ion Ratio Lower Upper

146 100

111 41.3 20.1 60.2

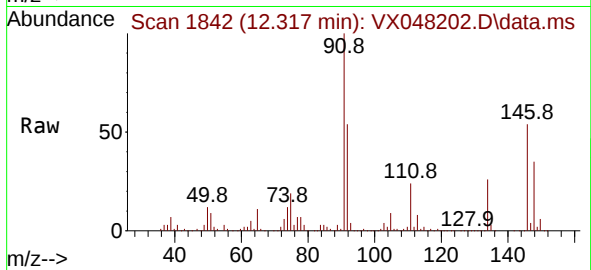
148 63.2 31.8 95.3





#89
n-Butylbenzene
Concen: 105.286 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

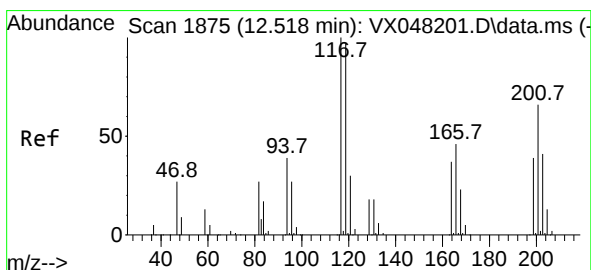
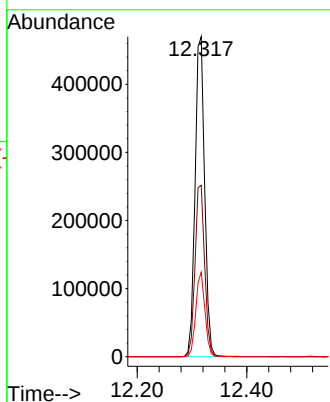
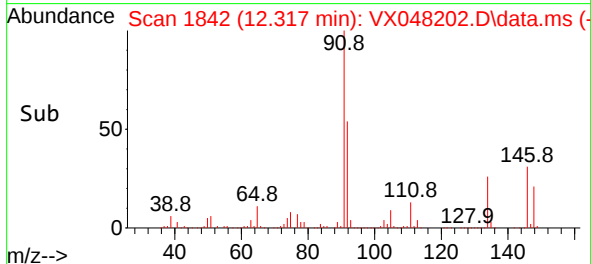
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 573374
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.6
134 25.2 12.7 38.1

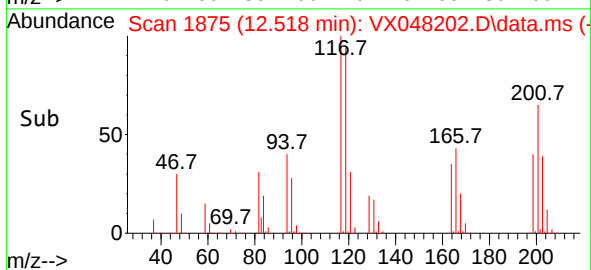
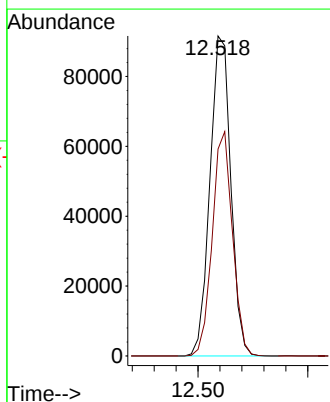
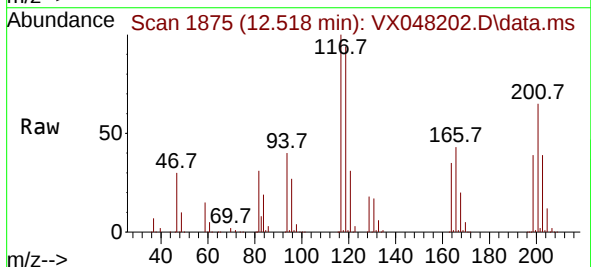
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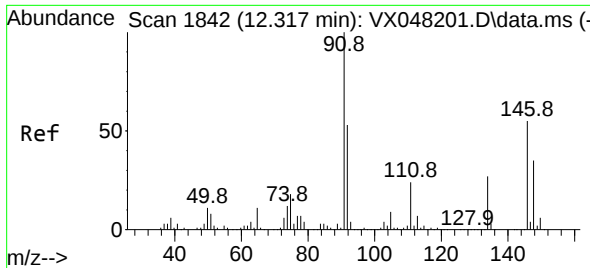
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#90
Hexachloroethane
Concen: 98.034 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

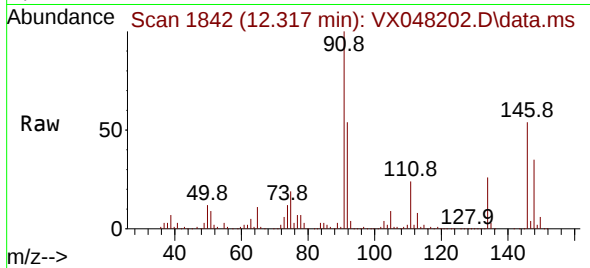
Tgt Ion:117 Resp: 120982
Ion Ratio Lower Upper
117 100
201 68.0 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 101.993 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

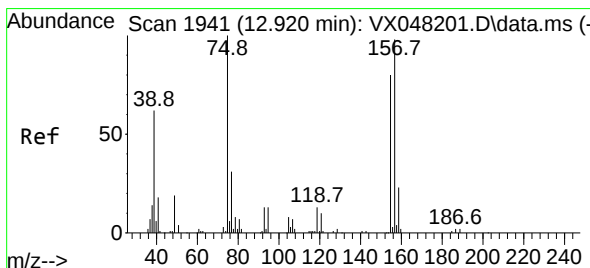
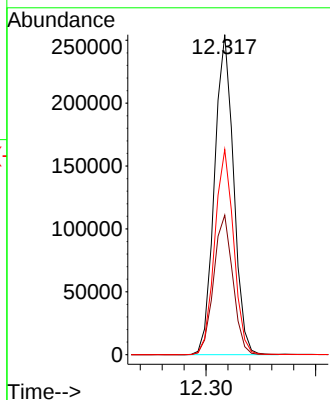
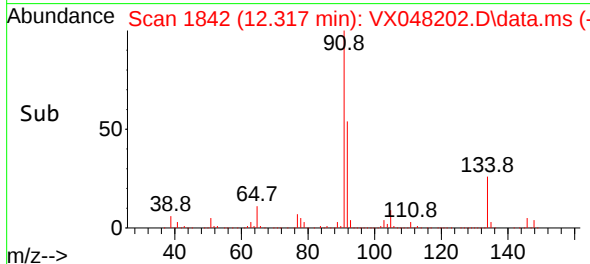
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:146 Resp: 308559
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.5
148 63.7 31.9 95.5

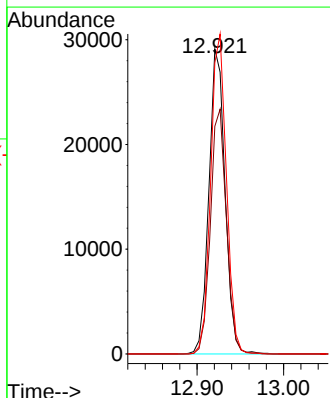
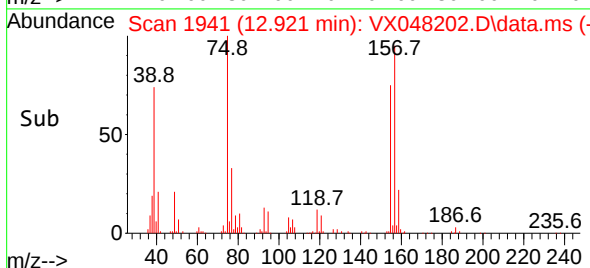
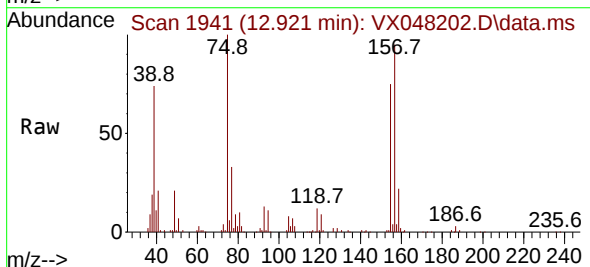
Manual Integrations
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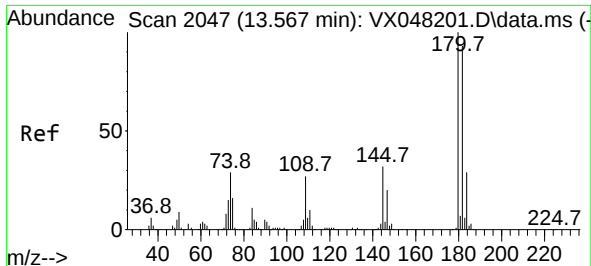
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 106.717 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

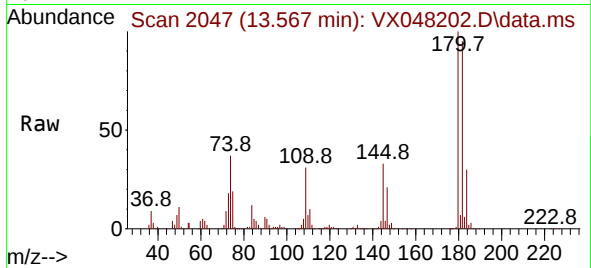
Tgt Ion: 75 Resp: 37798
Ion Ratio Lower Upper
75 100
155 79.3 42.8 128.4
157 102.2 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 107.629 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

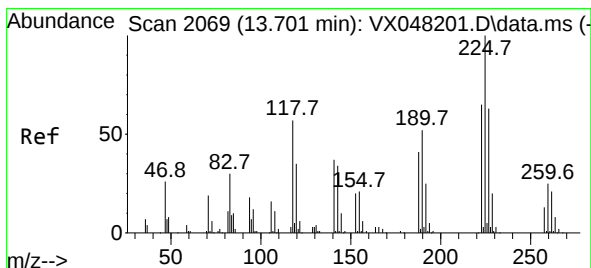
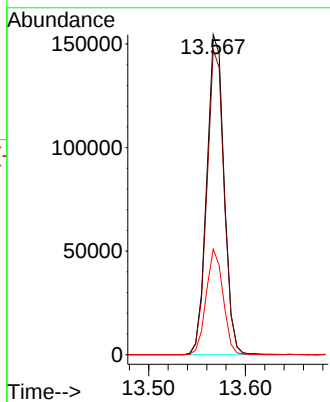
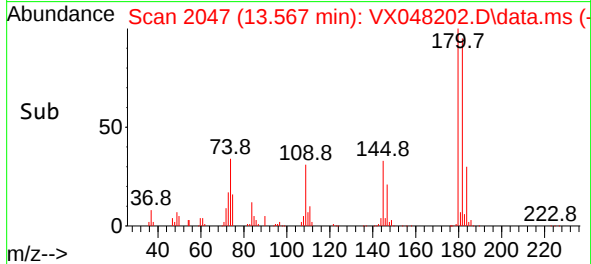
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



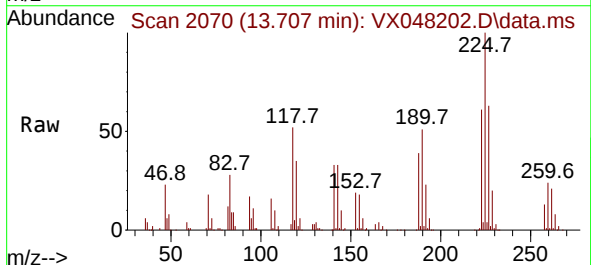
Tgt Ion:180 Resp: 192219
Ion Ratio Lower Upper
180 100
182 95.1 47.3 142.0
145 32.3 16.3 48.9

Manual Integrations
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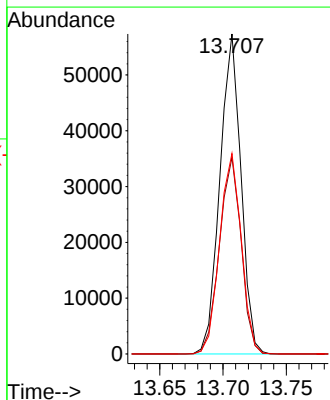
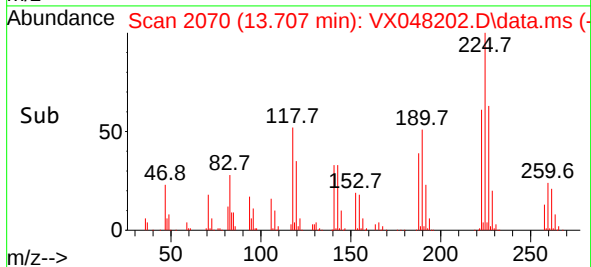
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

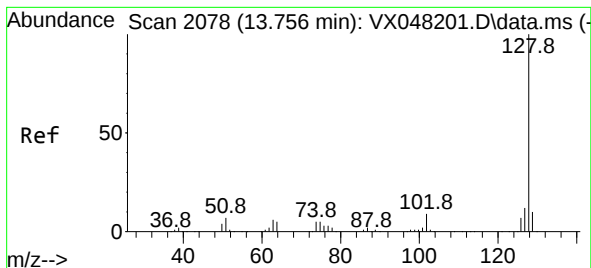


#94
Hexachlorobutadiene
Concen: 96.208 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16



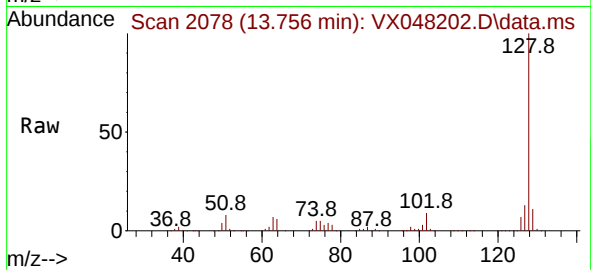
Tgt Ion:225 Resp: 66266
Ion Ratio Lower Upper
225 100
223 63.3 32.6 97.7
227 64.4 32.5 97.4





#95
Naphthalene
Concen: 118.037 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

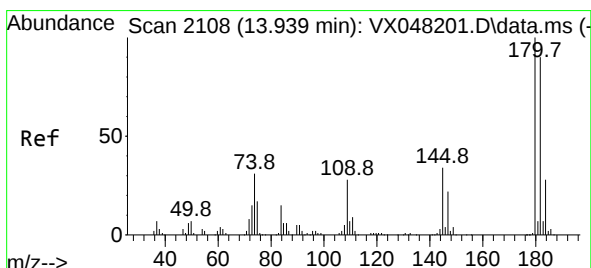
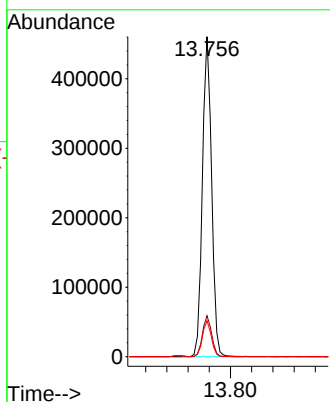
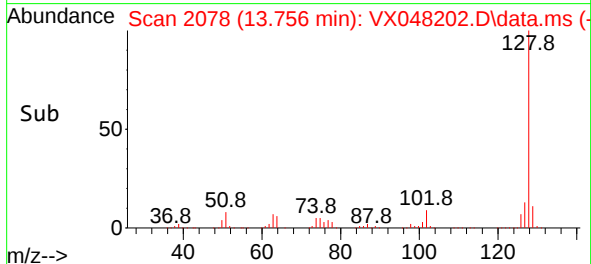
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



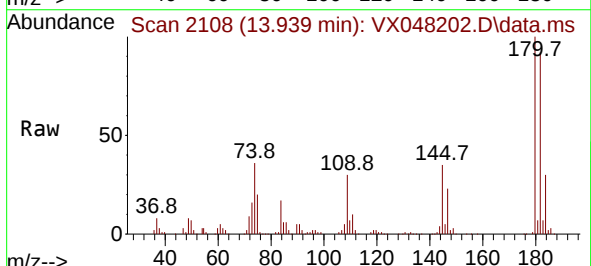
Tgt Ion:128 Resp: 55568
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 108.933 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16



Tgt Ion:180 Resp: 179498
Ion Ratio Lower Upper
180 100
182 92.8 46.6 139.7
145 34.4 16.9 50.7

