

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX048007.D
 Acq On : 03 Oct 2025 19:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 03 23:57:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	121964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	216314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	197136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	98396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101189	52.123	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.240%	
35) Dibromofluoromethane	5.373	113	77975	53.749	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.500%	
50) Toluene-d8	8.634	98	268747	53.538	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.080%	
62) 4-Bromofluorobenzene	11.067	95	104011	54.596	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	64269	50.888	ug/l	99
3) Chloromethane	1.300	50	78377	47.219	ug/l	99
4) Vinyl Chloride	1.380	62	82083	50.518	ug/l	99
5) Bromomethane	1.611	94	52720	51.168	ug/l	99
6) Chloroethane	1.691	64	54620	50.296	ug/l	97
7) Trichlorofluoromethane	1.892	101	125952	52.207	ug/l	99
8) Diethyl Ether	2.136	74	52545	53.243	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	74685	52.942	ug/l	99
10) Methyl Iodide	2.453	142	104174	47.350	ug/l	99
11) Tert butyl alcohol	2.946	59	60030	277.639	ug/l	98
12) 1,1-Dichloroethene	2.325	96	73624	50.808	ug/l	99
13) Acrolein	2.239	56	62241	312.382	ug/l	99
14) Allyl chloride	2.666	41	147796	49.427	ug/l	97
15) Acrylonitrile	3.056	53	242158	302.366	ug/l	99
16) Acetone	2.373	43	189648	224.672	ug/l	99
17) Carbon Disulfide	2.514	76	178626	45.029	ug/l	99
18) Methyl Acetate	2.703	43	118258	62.951	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	291237	55.057	ug/l	99
20) Methylene Chloride	2.788	84	92949	52.021	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	80131	51.363	ug/l	98
22) Diisopropyl ether	3.757	45	317112	54.721	ug/l	98
23) Vinyl Acetate	3.715	43	1285643	277.195	ug/l	99
24) 1,1-Dichloroethane	3.605	63	165810	53.832	ug/l	99
25) 2-Butanone	4.544	43	291270	276.631	ug/l	98
26) 2,2-Dichloropropane	4.471	77	116381	45.455	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	102379	53.585	ug/l	98
28) Bromochloromethane	4.891	49	73476	54.642	ug/l	100
29) Tetrahydrofuran	4.989	42	187660	296.268	ug/l	99
30) Chloroform	5.086	83	175073	56.248	ug/l	99
31) Cyclohexane	5.458	56	120465	46.959	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	143918	54.512	ug/l	99
36) 1,1-Dichloropropene	5.684	75	105494	49.765	ug/l	98
37) Ethyl Acetate	4.702	43	127109	56.001	ug/l	99
38) Carbon Tetrachloride	5.665	117	121389	52.703	ug/l	99
39) Methylcyclohexane	7.366	83	114768	47.695	ug/l	100
40) Benzene	6.025	78	344294	53.474	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	66987	57.167	ug/l	98
42) 1,2-Dichloroethane	6.080	62	131871	53.830	ug/l	98
43) Isopropyl Acetate	6.324	43	206579	55.494	ug/l	99
44) Trichloroethene	7.116	130	83248	53.481	ug/l	97
45) 1,2-Dichloropropane	7.415	63	93587	56.766	ug/l	99
46) Dibromomethane	7.568	93	67001	55.847	ug/l	99
47) Bromodichloromethane	7.805	83	140393	56.708	ug/l	96
48) Methyl methacrylate	7.677	41	105169	56.718	ug/l	99
49) 1,4-Dioxane	7.647	88	24409	1302.577	ug/l	98
51) 4-Methyl-2-Pentanone	8.561	43	630287	305.381	ug/l	100
52) Toluene	8.702	92	213298	53.771	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	138150	54.707	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	145937	54.069	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	89957	58.812	ug/l	98
56) Ethyl methacrylate	9.104	69	140282	58.399	ug/l	97
57) 1,3-Dichloropropane	9.293	76	153150	58.287	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	367023	314.582	ug/l	100
59) 2-Hexanone	9.415	43	437450	295.111	ug/l	99
60) Dibromochloromethane	9.506	129	104201	59.125	ug/l	100
61) 1,2-Dibromoethane	9.592	107	92159	59.155	ug/l	99
64) Tetrachloroethene	9.262	164	66296	51.587	ug/l	97
65) Chlorobenzene	10.061	112	242210	54.082	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	87628	56.702	ug/l	99
67) Ethyl Benzene	10.177	91	412286	53.354	ug/l	99
68) m/p-Xylenes	10.287	106	309036	107.446	ug/l	99
69) o-Xylene	10.628	106	150235	54.003	ug/l	100
70) Styrene	10.640	104	265668	54.501	ug/l	99
71) Bromoform	10.780	173	67964	58.896	ug/l #	99
73) Isopropylbenzene	10.945	105	386001	51.600	ug/l	99
74) N-amyl acetate	10.829	43	183701	53.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	130791	57.788	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	141901	71.228	ug/l	89
77) Bromobenzene	11.183	156	97069	52.685	ug/l	98
78) n-propylbenzene	11.286	91	456676	51.642	ug/l	100
79) 2-Chlorotoluene	11.347	91	281421	51.959	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	322291	52.439	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	39131	50.090	ug/l	98
82) 4-Chlorotoluene	11.439	91	330375	51.647	ug/l	99
83) tert-Butylbenzene	11.695	119	323116	51.357	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	323106	51.854	ug/l	100
85) sec-Butylbenzene	11.872	105	390181	52.211	ug/l	100
86) p-Isopropyltoluene	11.994	119	327789	51.810	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	178037	52.025	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	179124	50.999	ug/l	98
89) n-Butylbenzene	12.317	91	302237	51.628	ug/l	99
90) Hexachloroethane	12.518	117	59911	53.936	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	174153	53.416	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	25279	55.167	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	108041	50.989	ug/l	99
94) Hexachlorobutadiene	13.707	225	37259	51.768	ug/l	97
95) Naphthalene	13.756	128	355616	55.115	ug/l	99
96) 1,2,3-Trichlorobenzene	13.944	180	105613	53.582	ug/l	98

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QLast Update : Wed Sep 17 06:39:58 2025
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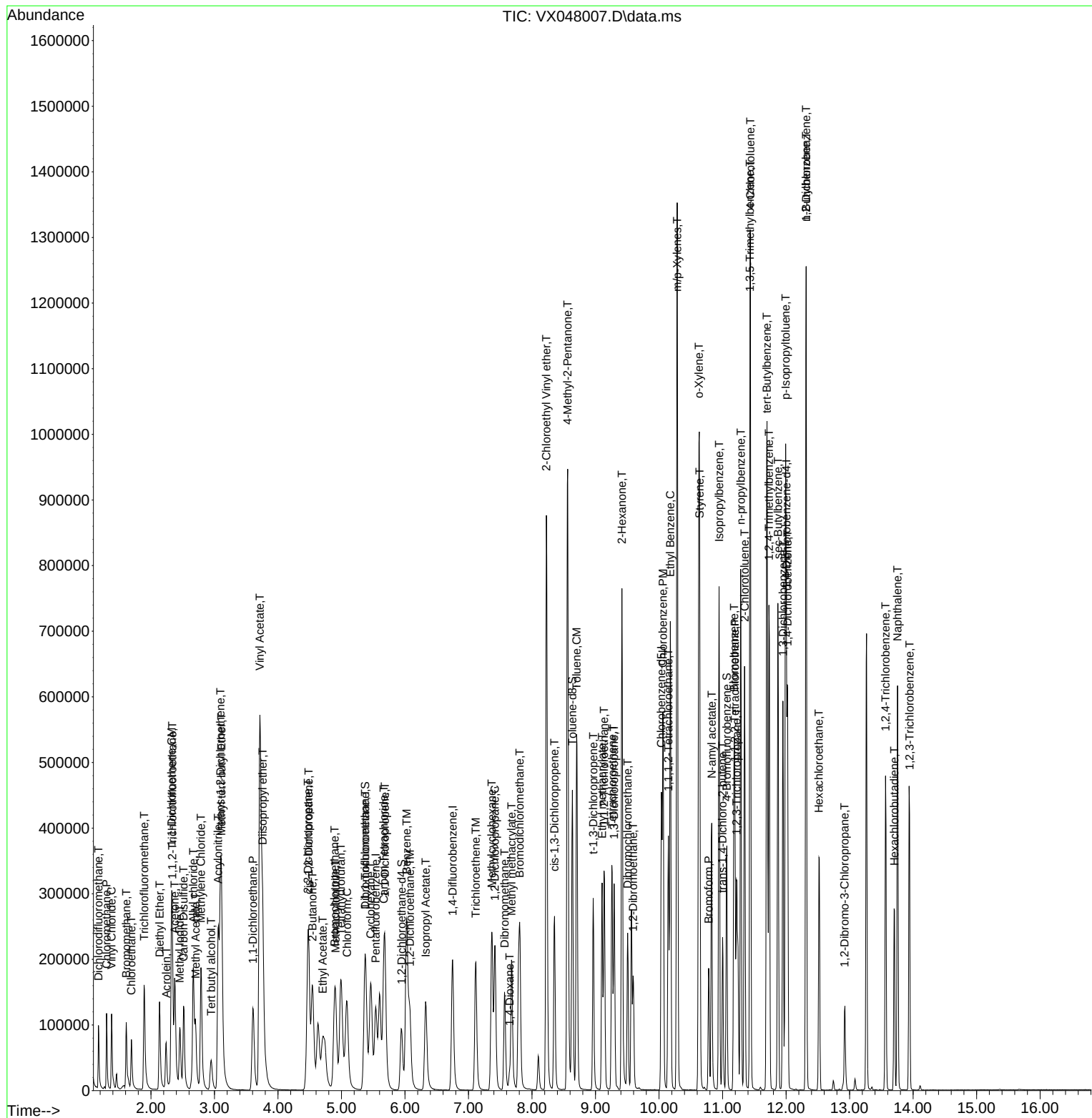
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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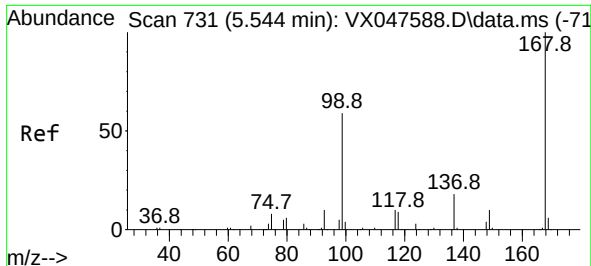
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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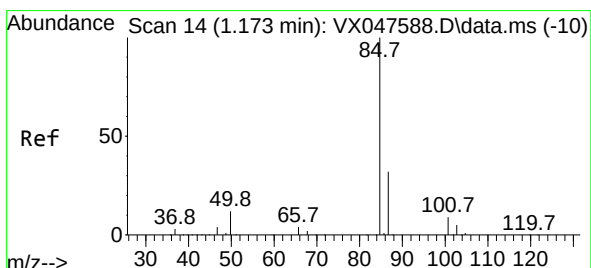
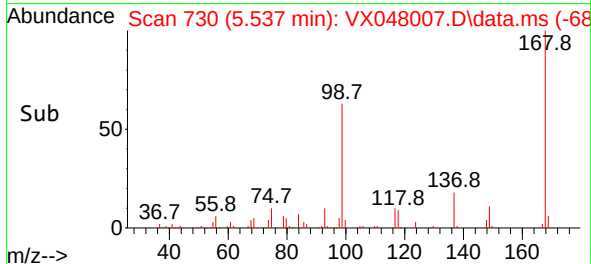
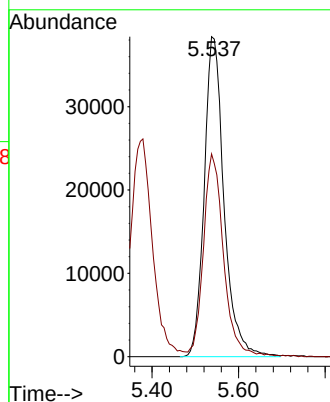
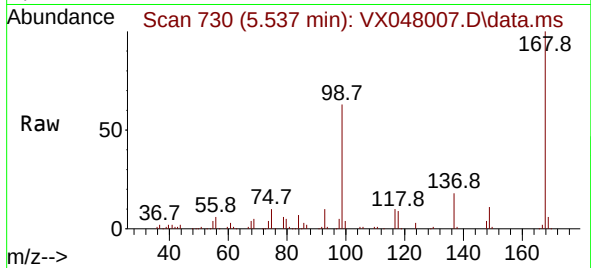




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
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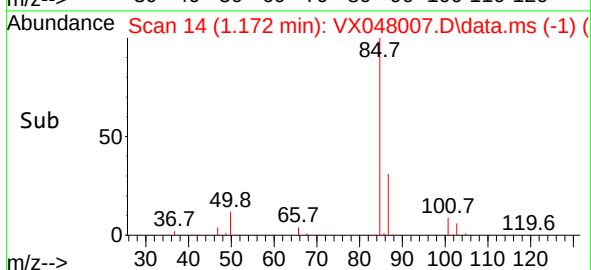
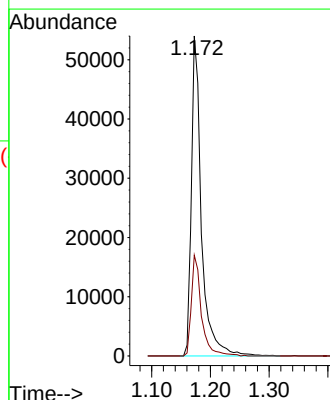
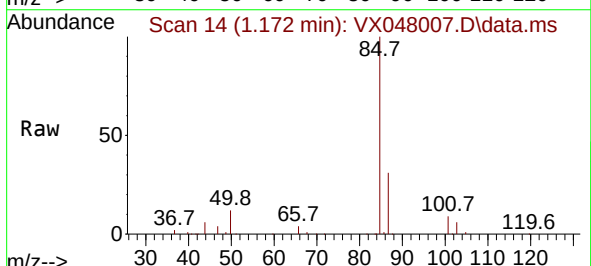
Instrument :
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ClientSampleId :
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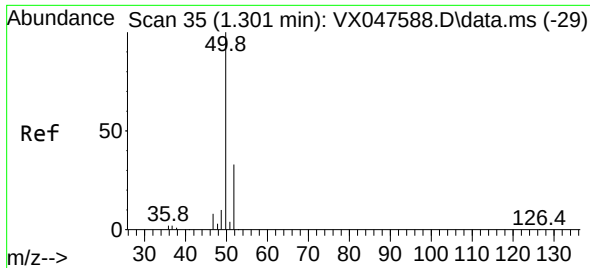
Tgt Ion:168 Resp: 121964
Ion Ratio Lower Upper
168 100
99 63.1 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 50.888 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 85 Resp: 64269
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.3

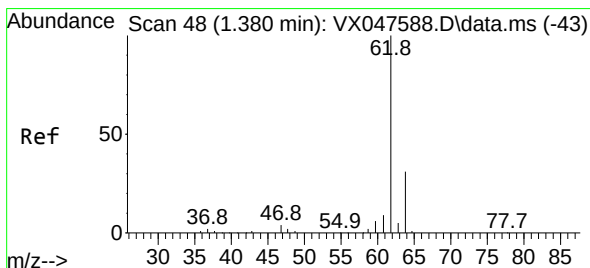
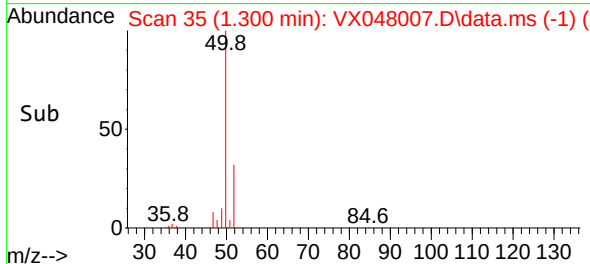
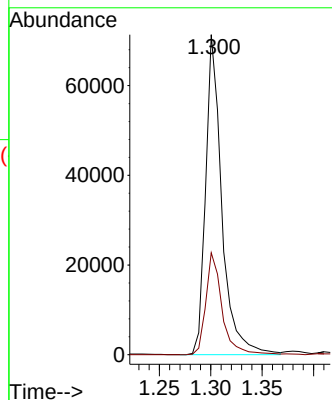
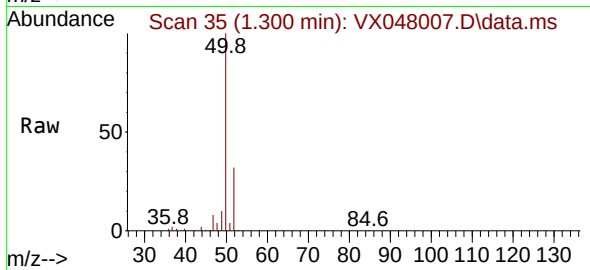




#3
Chloromethane
Concen: 47.219 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

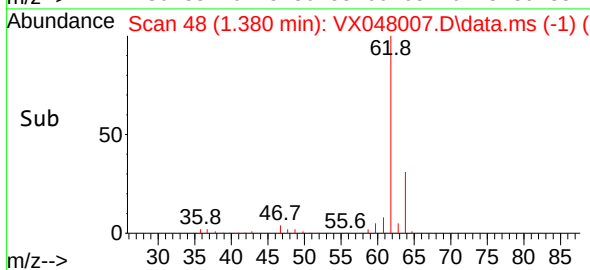
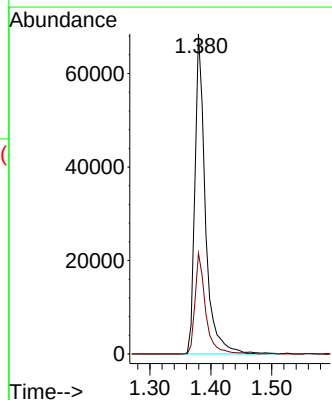
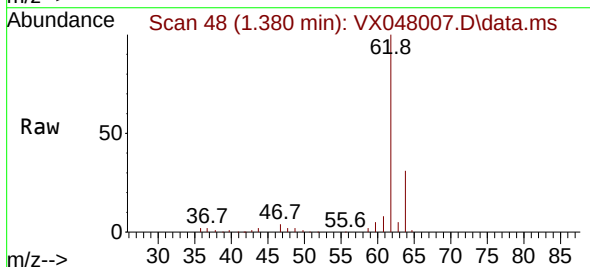
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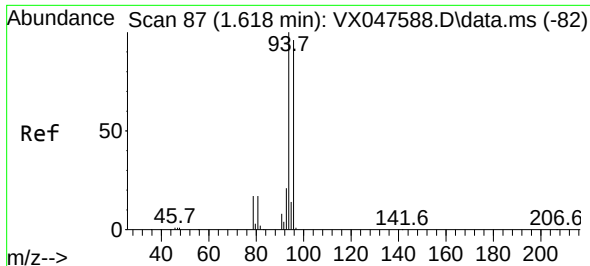
Tgt Ion: 50 Resp: 78377
Ion Ratio Lower Upper
50 100
52 31.8 26.1 39.1



#4
Vinyl Chloride
Concen: 50.518 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 62 Resp: 82083
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3

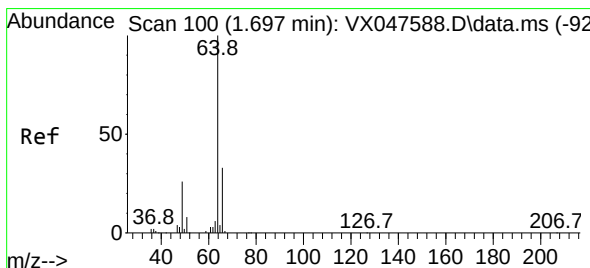
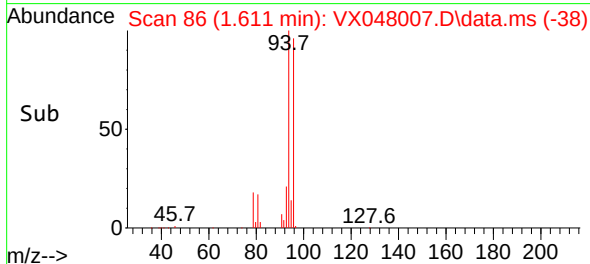
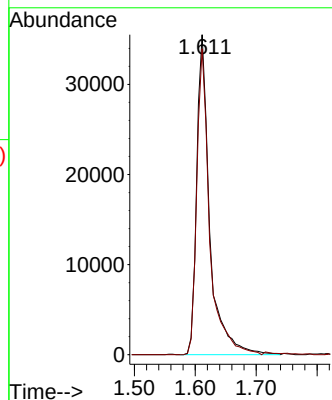
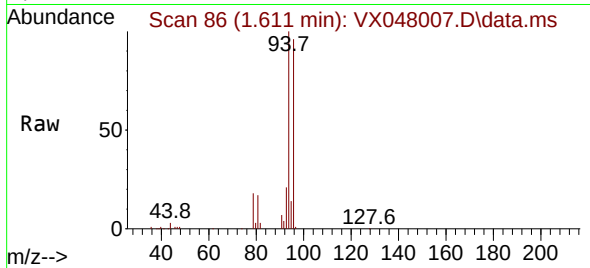




#5
Bromomethane
Concen: 51.168 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048007.D
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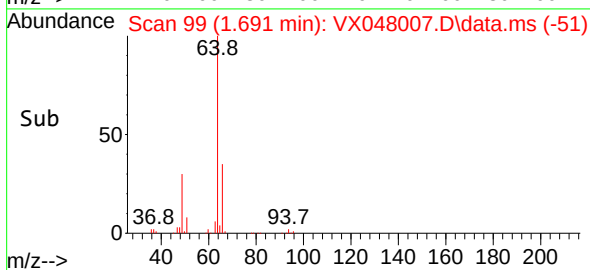
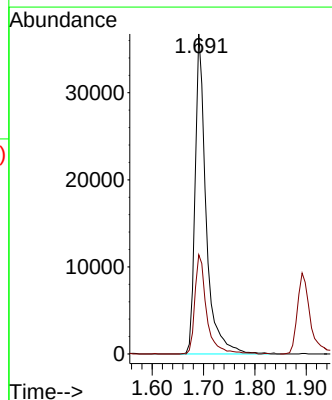
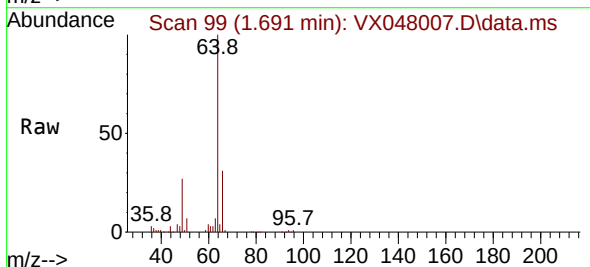
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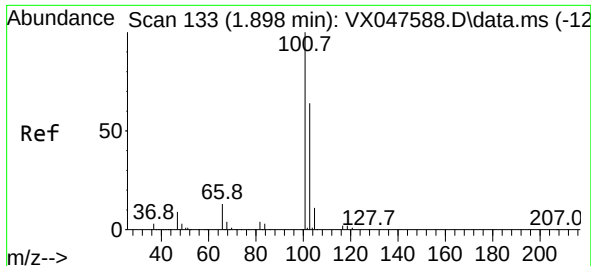
Tgt Ion: 94 Resp: 52720
Ion Ratio Lower Upper
94 100
96 96.3 76.6 115.0



#6
Chloroethane
Concen: 50.296 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 64 Resp: 54620
Ion Ratio Lower Upper
64 100
66 31.0 26.1 39.1

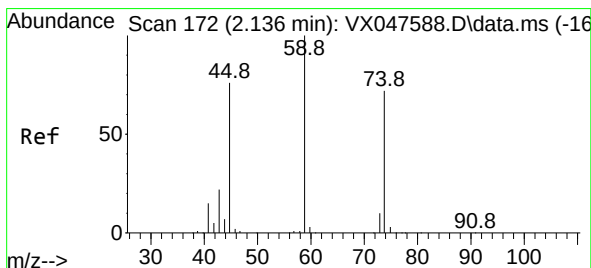
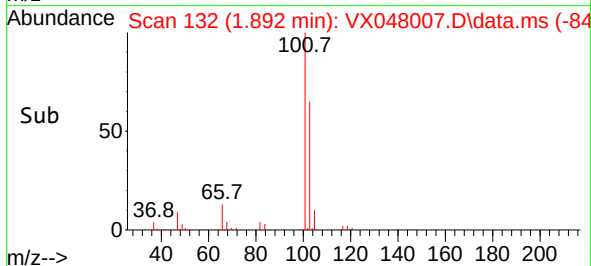
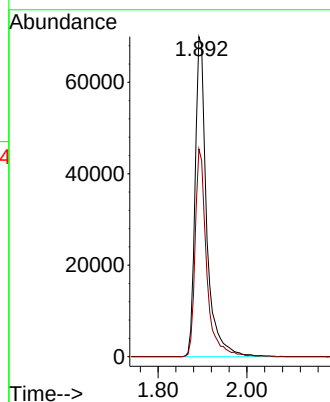
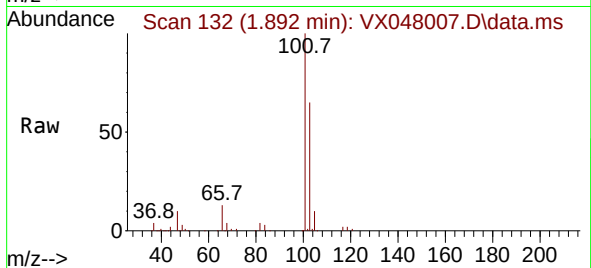




#7
 Trichlorofluoromethane
 Concen: 52.207 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX048007.D
 Acq: 03 Oct 2025 19:43

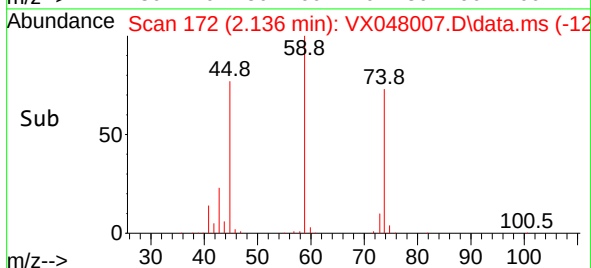
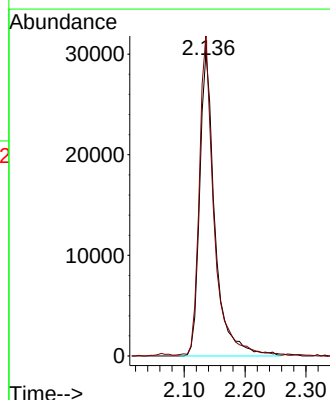
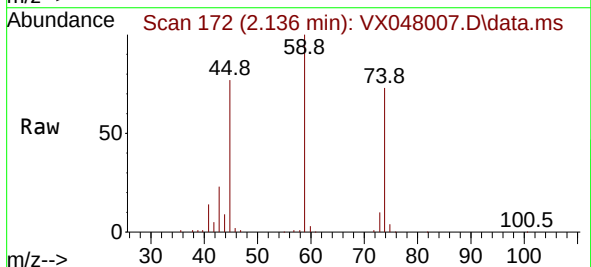
Instrument :
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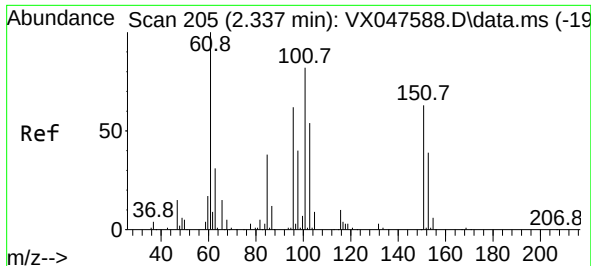
Tgt Ion:101 Resp: 125952
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.2



#8
 Diethyl Ether
 Concen: 53.243 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 52545
 Ion Ratio Lower Upper
 74 100
 45 101.1 52.3 156.8

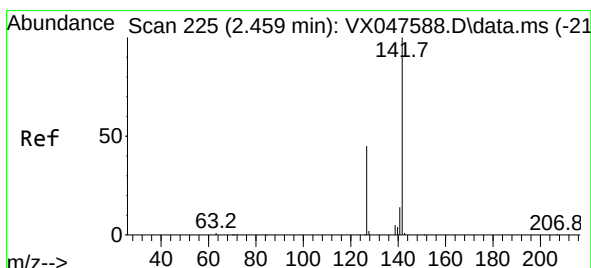
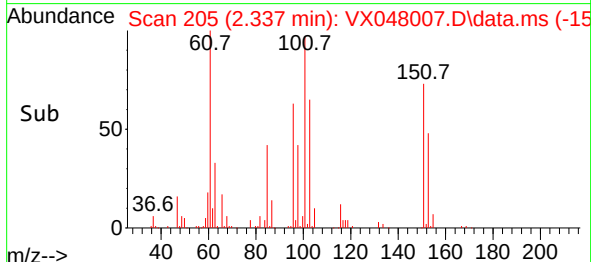
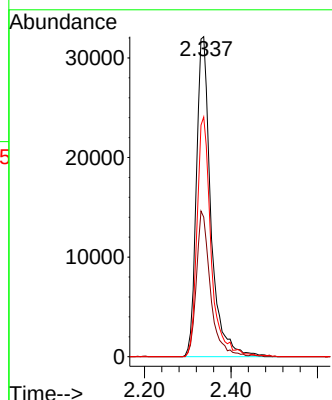
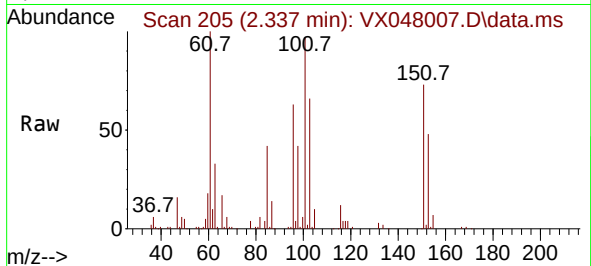




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.942 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

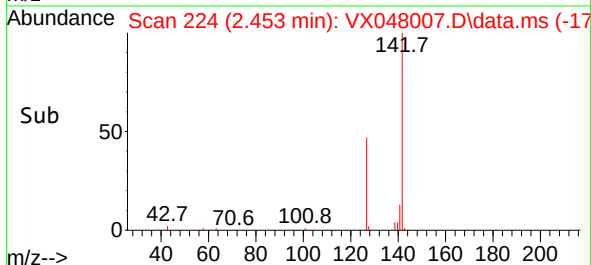
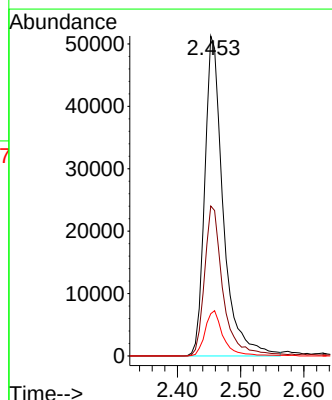
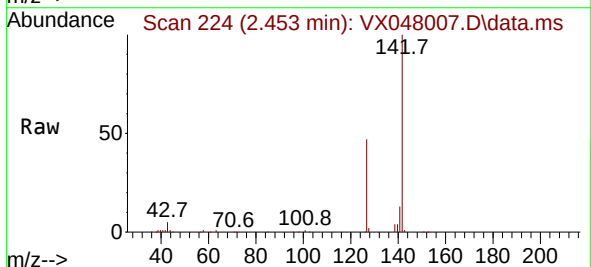
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

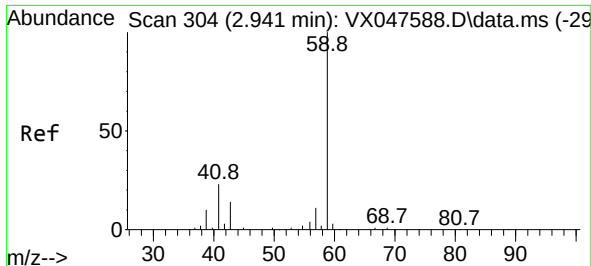
Tgt Ion:101 Resp: 74685
Ion Ratio Lower Upper
101 100
85 44.0 35.5 53.3
151 73.2 59.4 89.0



#10
Methyl Iodide
Concen: 47.350 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion:142 Resp: 104174
Ion Ratio Lower Upper
142 100
127 47.0 37.2 55.8
141 14.1 11.4 17.0

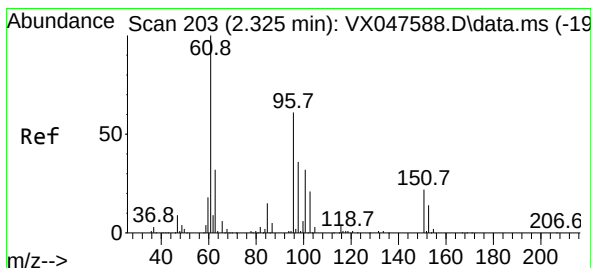
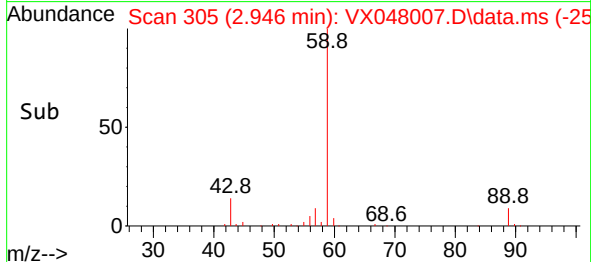
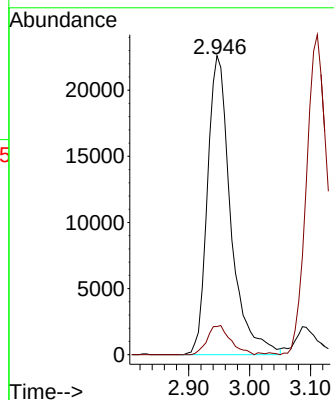
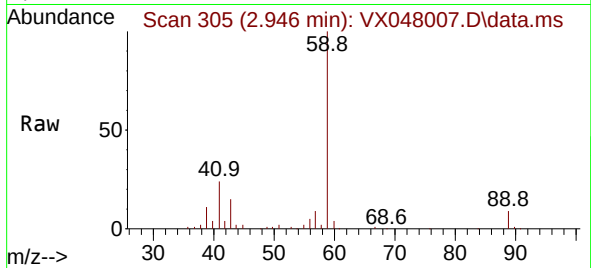




#11
Tert butyl alcohol
Concen: 277.639 ug/l
RT: 2.946 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

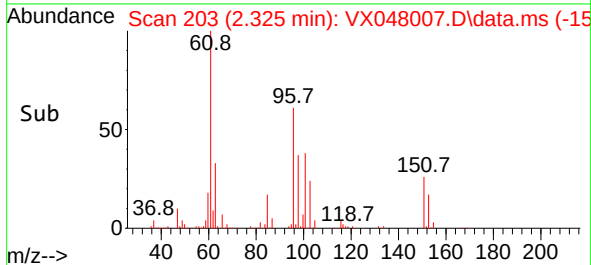
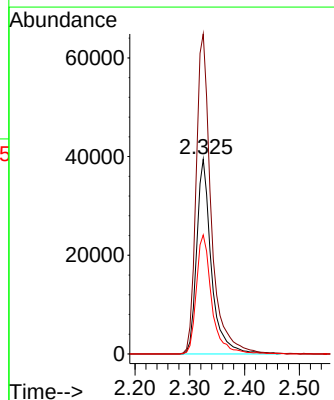
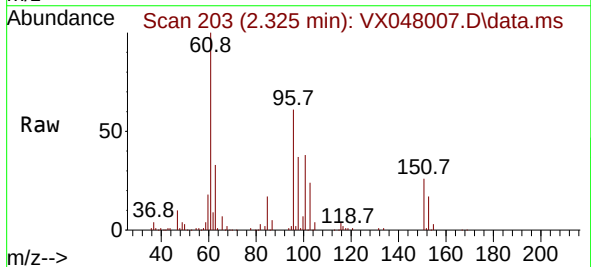
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

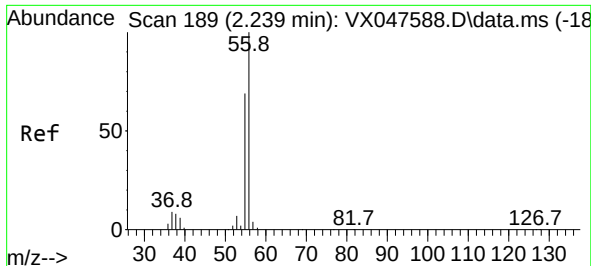
Tgt Ion: 59 Resp: 60030
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 50.808 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 96 Resp: 73624
Ion Ratio Lower Upper
96 100
61 164.4 131.0 196.6
98 61.2 47.7 71.5

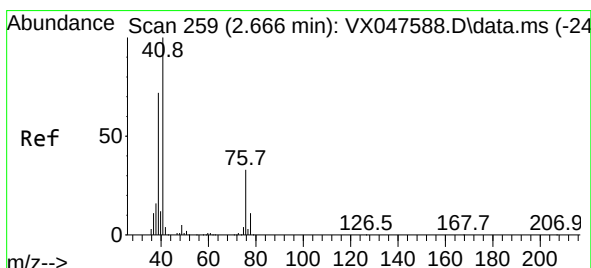
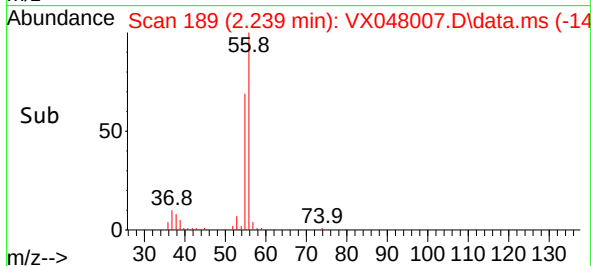
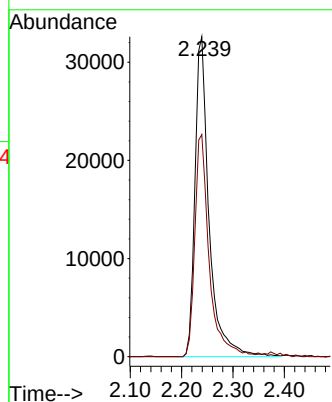
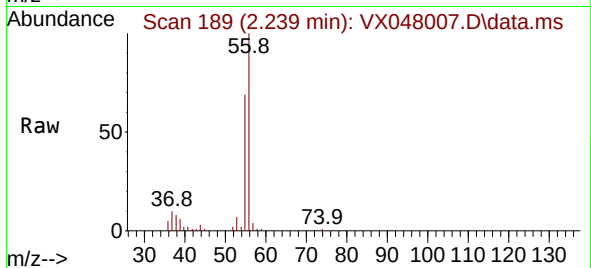




#13
Acrolein
Concen: 312.382 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

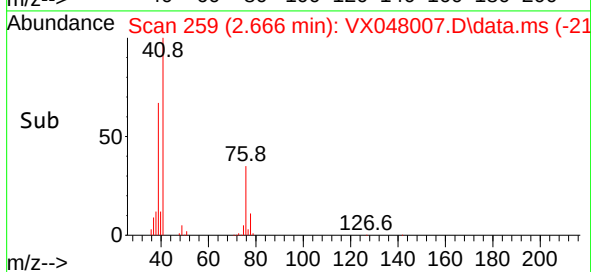
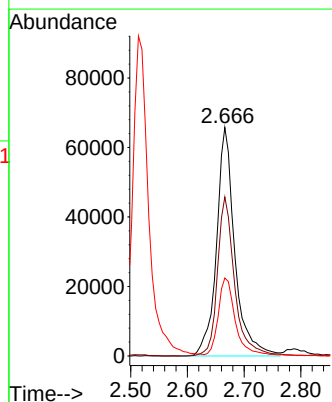
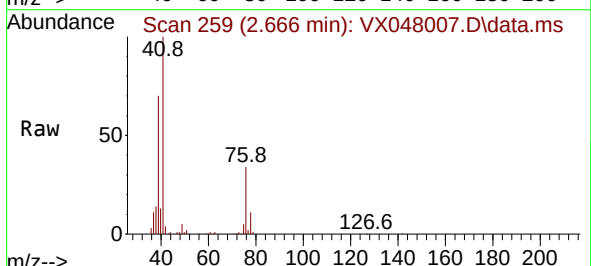
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

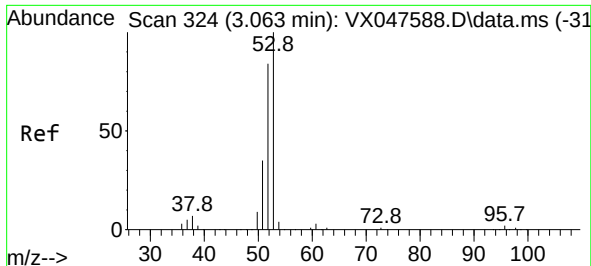
Tgt Ion: 56 Resp: 62241
Ion Ratio Lower Upper
56 100
55 70.7 57.2 85.8



#14
Allyl chloride
Concen: 49.427 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 41 Resp: 147796
Ion Ratio Lower Upper
41 100
39 65.6 54.7 82.1
76 31.9 25.7 38.5

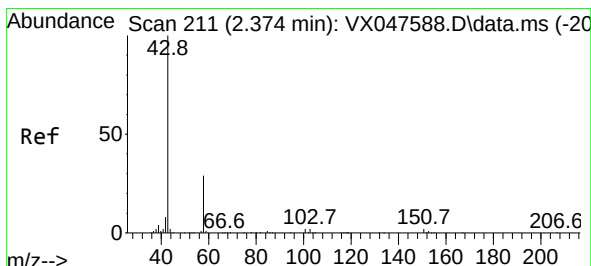
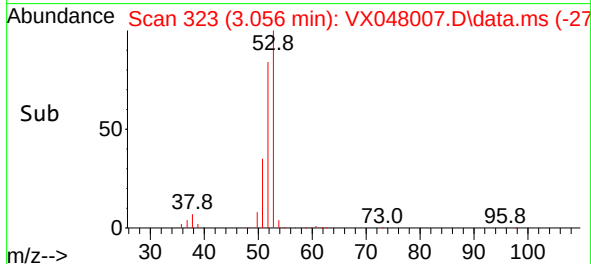
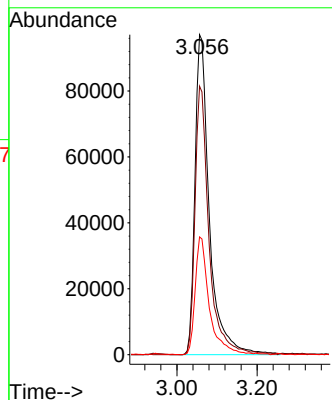
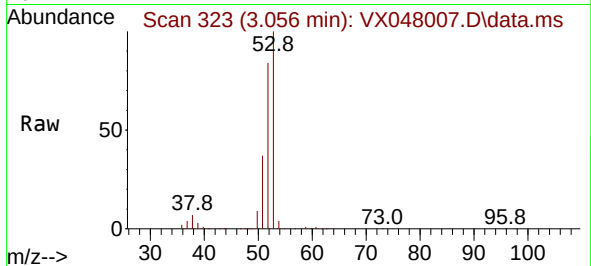




#15
Acrylonitrile
Concen: 302.366 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

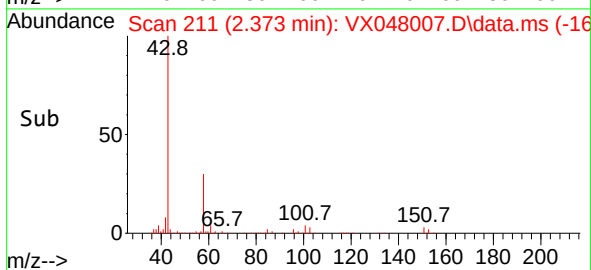
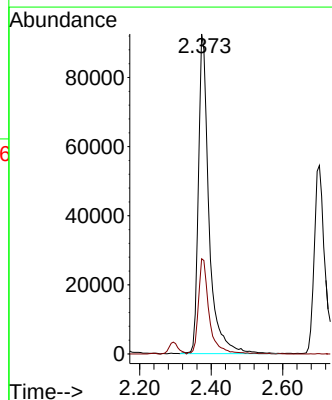
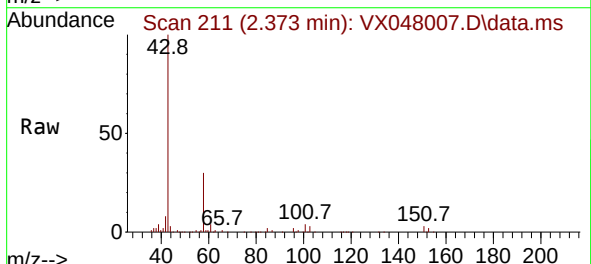
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

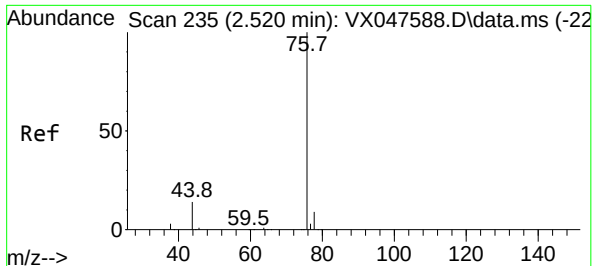
Tgt Ion: 53 Resp: 242158
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 36.4 29.5 44.3



#16
Acetone
Concen: 224.672 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 43 Resp: 189648
Ion Ratio Lower Upper
43 100
58 29.9 23.4 35.0

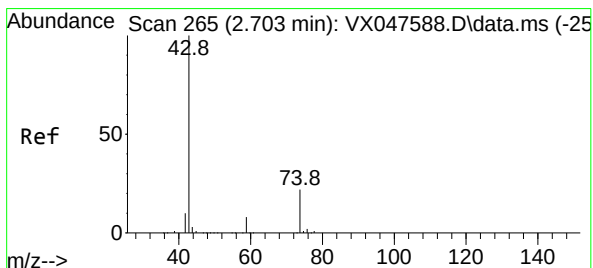
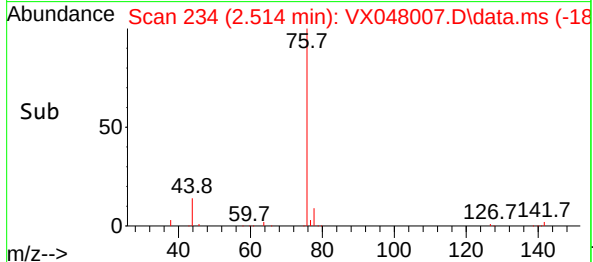
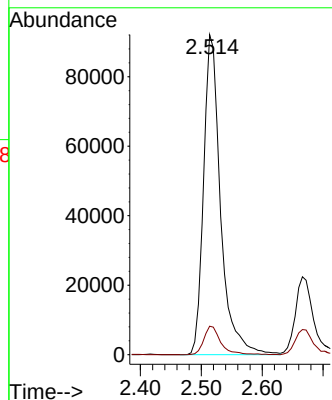
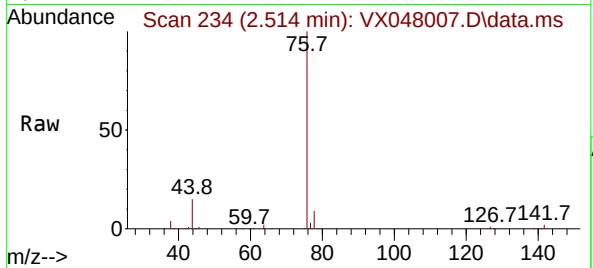




#17
Carbon Disulfide
Concen: 45.029 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

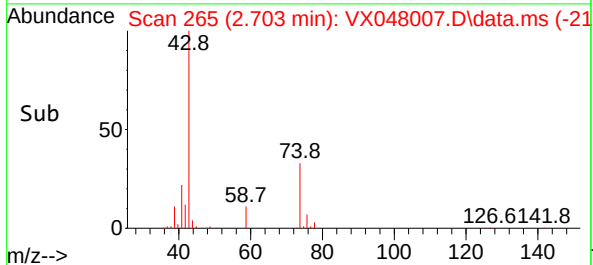
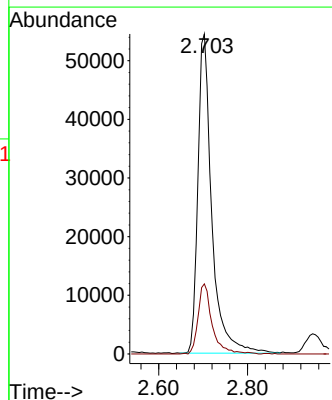
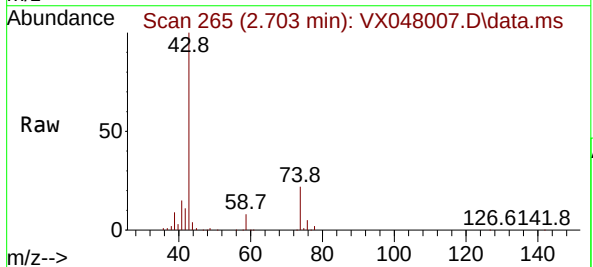
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

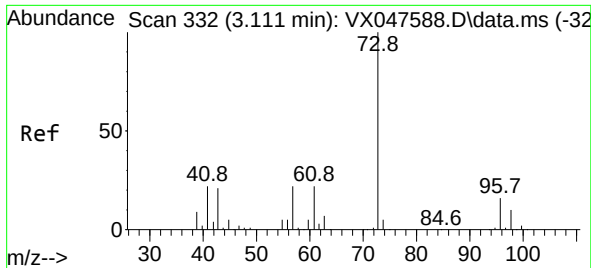
Tgt Ion: 76 Resp: 178626
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 62.951 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 43 Resp: 118258
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2

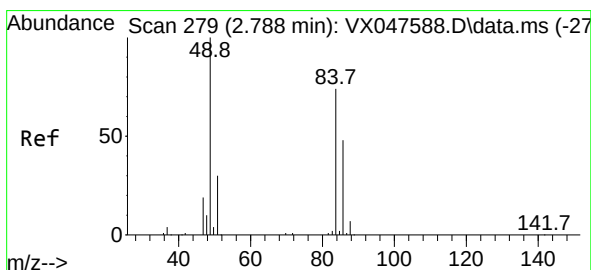
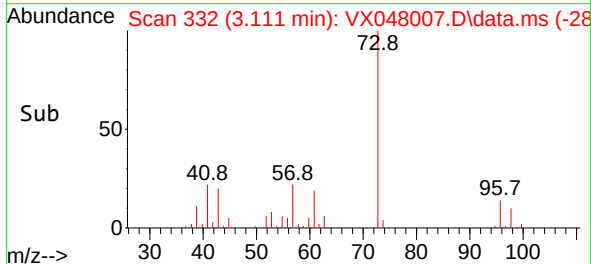
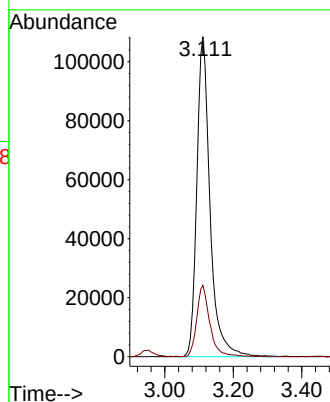
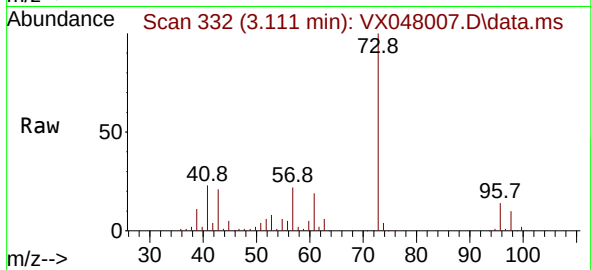




#19
Methyl tert-butyl Ether
Concen: 55.057 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

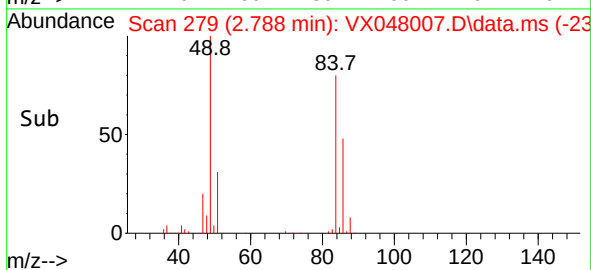
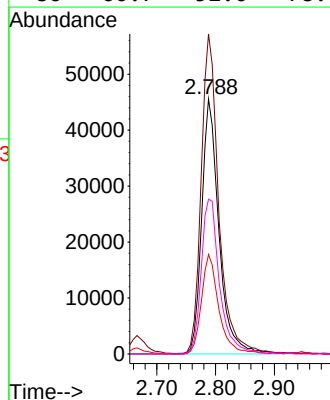
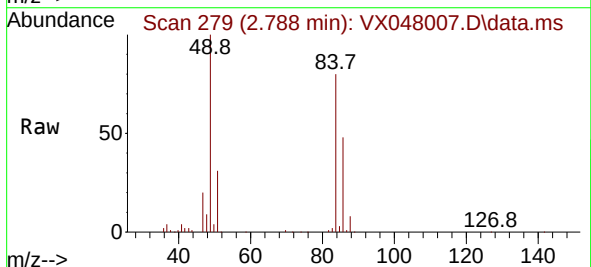
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

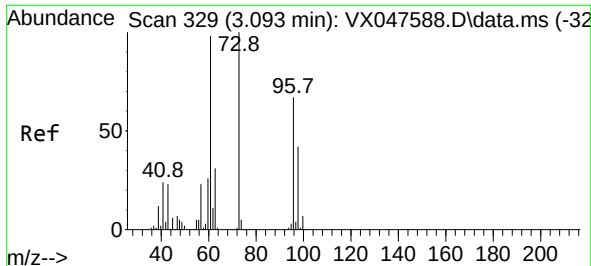
Tgt Ion: 73 Resp: 291237
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.2



#20
Methylene Chloride
Concen: 52.021 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 84 Resp: 92949
Ion Ratio Lower Upper
84 100
49 125.2 108.6 162.8
51 39.0 32.6 48.8
86 60.7 52.0 78.0

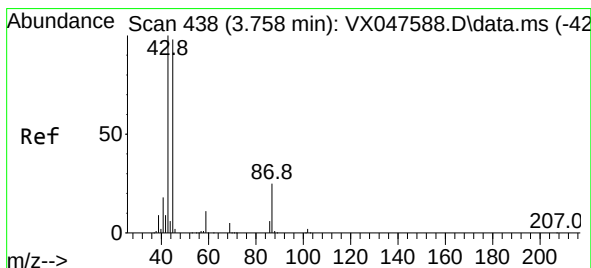
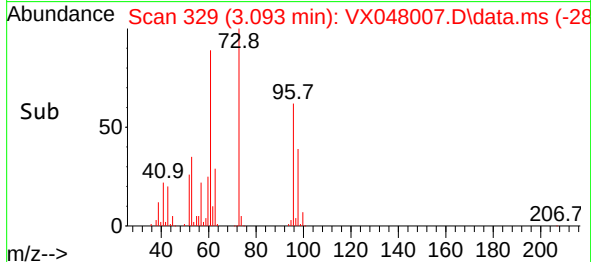
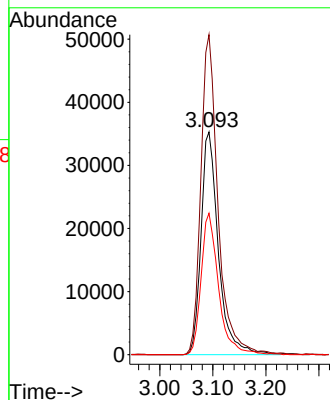
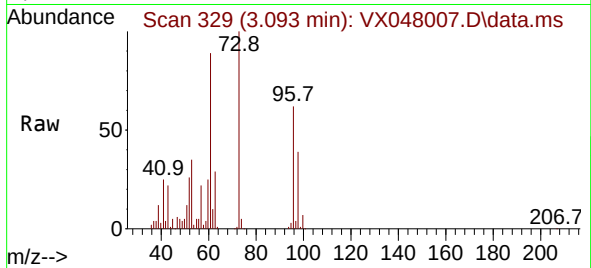




#21
trans-1,2-Dichloroethene
Concen: 51.363 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

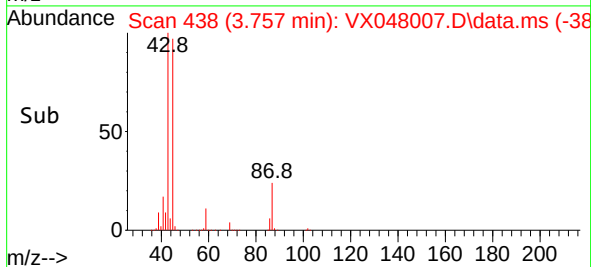
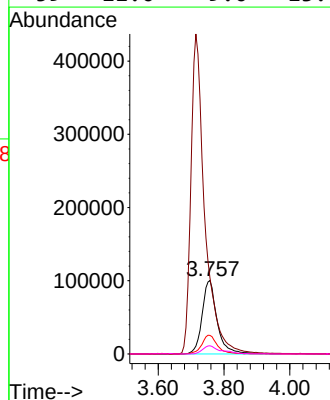
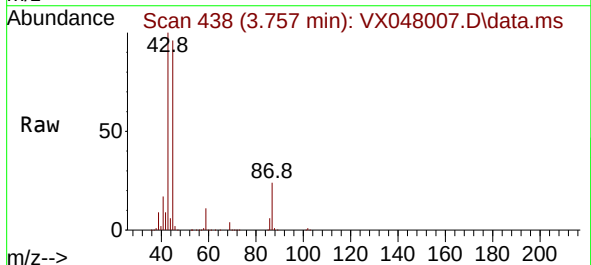
Instrument :
MSVOA_X
ClientSampleId :
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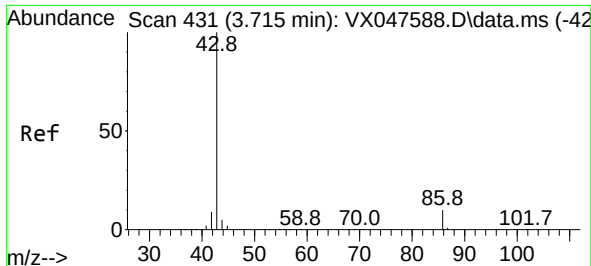
Tgt Ion: 96 Resp: 80131
Ion Ratio Lower Upper
96 100
61 143.6 116.2 174.2
98 63.5 49.3 73.9



#22
Diisopropyl ether
Concen: 54.721 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 45 Resp: 317112
Ion Ratio Lower Upper
45 100
43 103.3 81.0 121.4
87 25.3 20.3 30.5
59 11.0 9.0 13.4

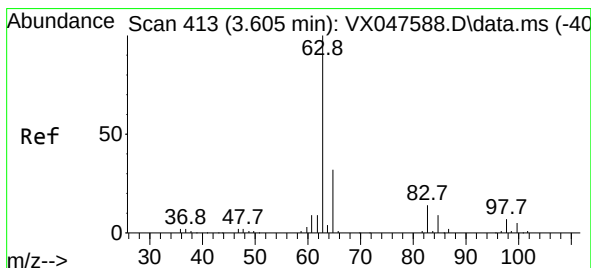
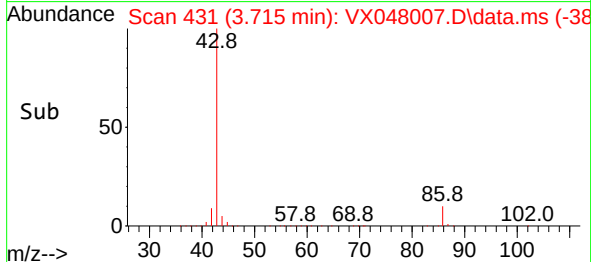
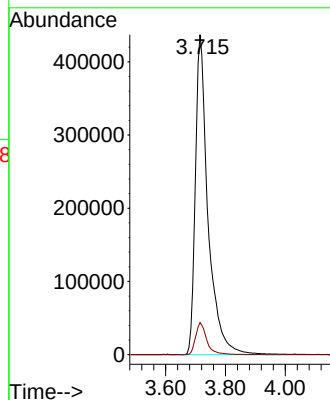
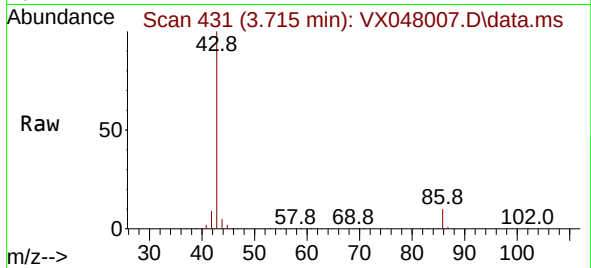




#23
 Vinyl Acetate
 Concen: 277.195 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048007.D
 Acq: 03 Oct 2025 19:43

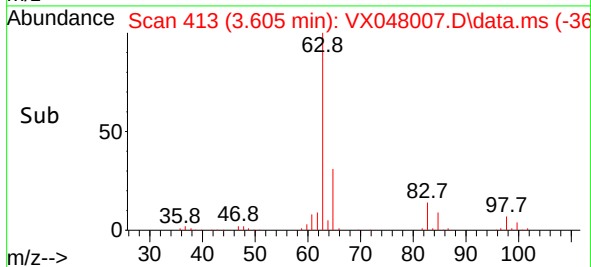
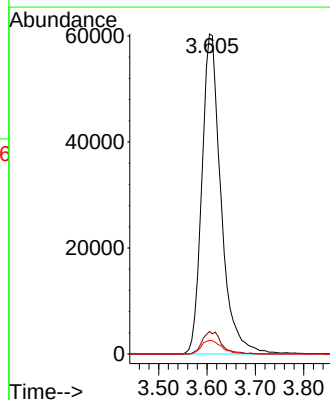
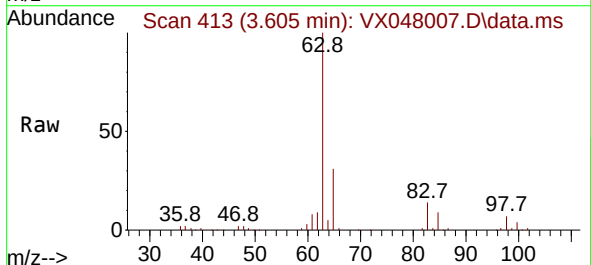
Instrument :
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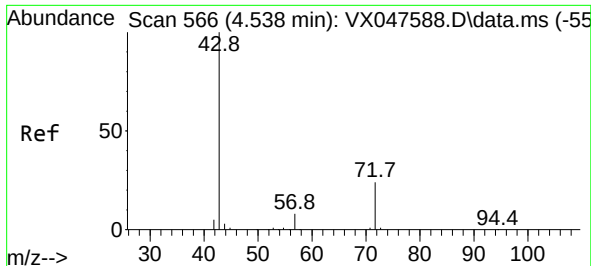
Tgt Ion: 43 Resp: 1285643
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 53.832 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048007.D
 Acq: 03 Oct 2025 19:43

Tgt Ion: 63 Resp: 165810
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.5 2.3 6.9

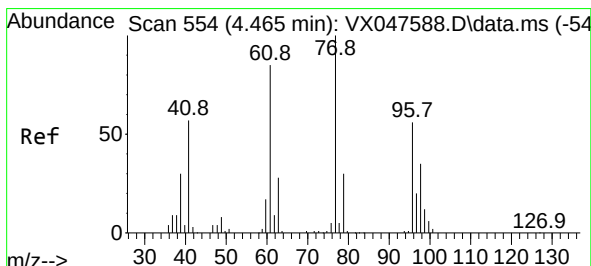
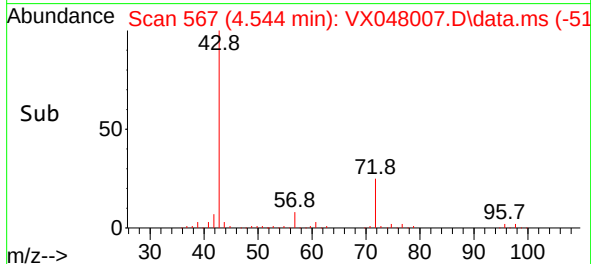
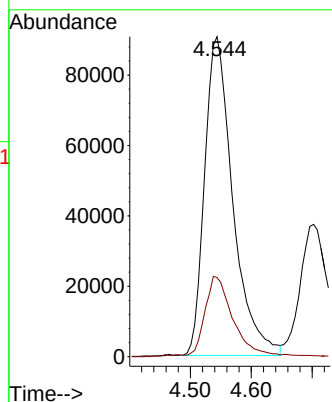
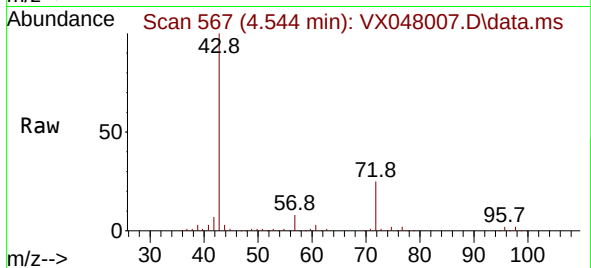




#25
2-Butanone
Concen: 276.631 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

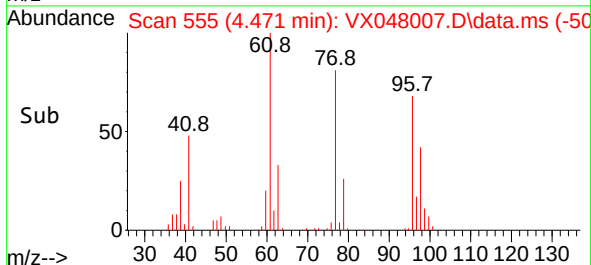
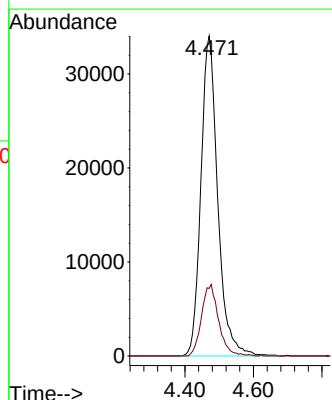
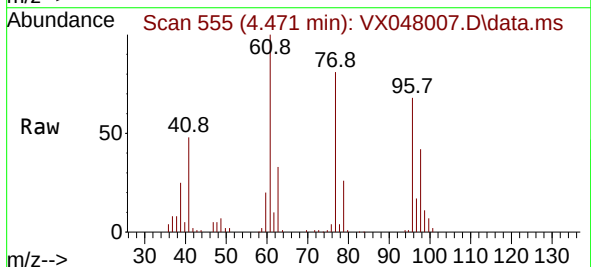
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ClientSampleId :
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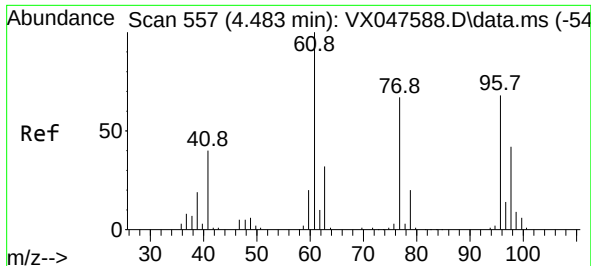
Tgt Ion: 43 Resp: 291270
Ion Ratio Lower Upper
43 100
72 24.3 20.1 30.1



#26
2,2-Dichloropropane
Concen: 45.455 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 77 Resp: 116381
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 53.585 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

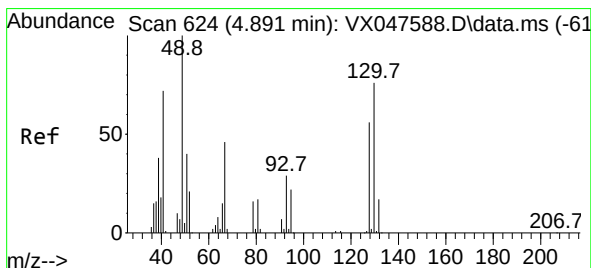
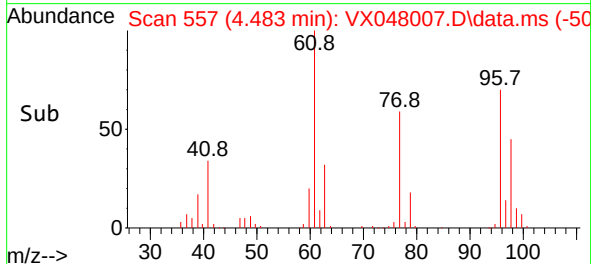
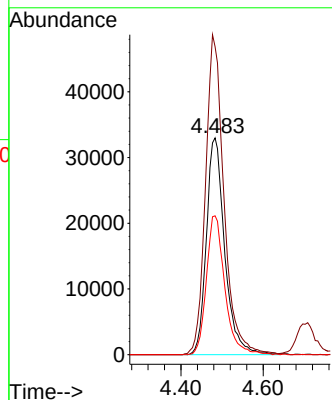
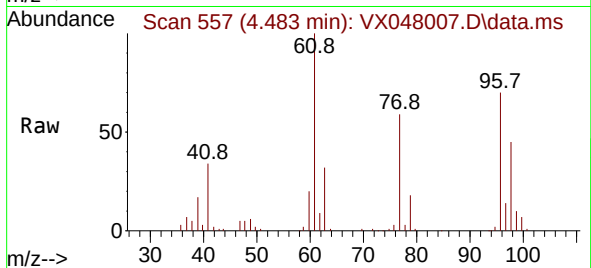
Tgt Ion: 96 Resp: 102379

Ion Ratio Lower Upper

96 100

61 147.9 0.0 303.2

98 64.3 0.0 127.8



#28

Bromochloromethane

Concen: 54.642 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

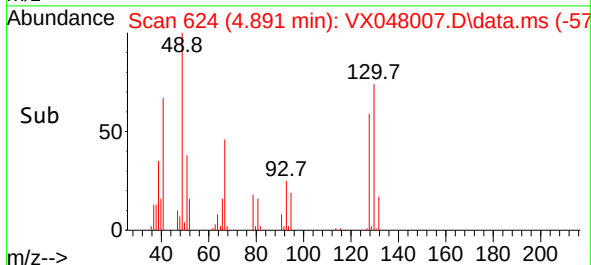
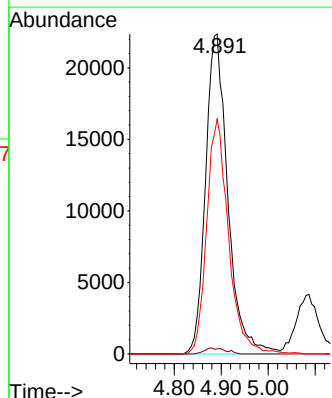
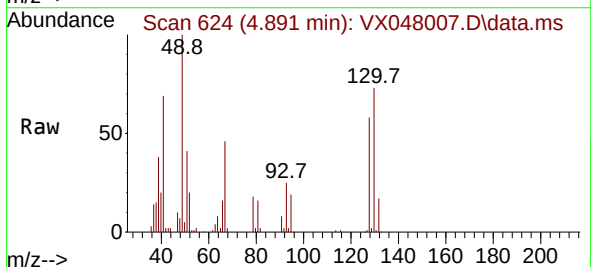
Tgt Ion: 49 Resp: 73476

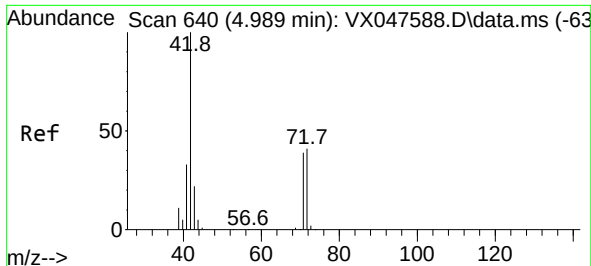
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

130 72.0 57.8 86.8





#29

Tetrahydrofuran

Concen: 296.268 ug/l

RT: 4.989 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

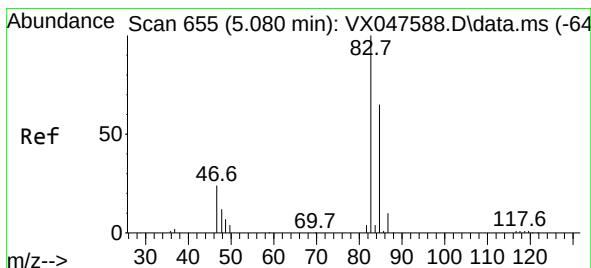
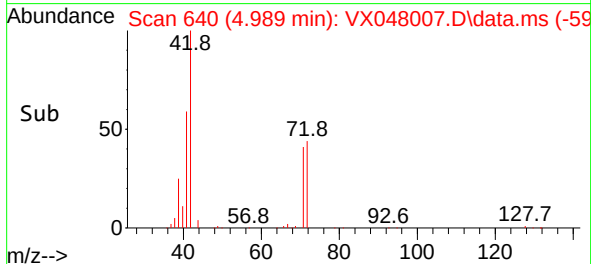
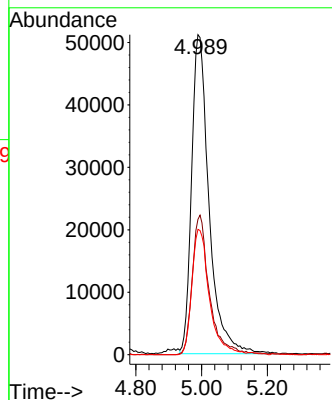
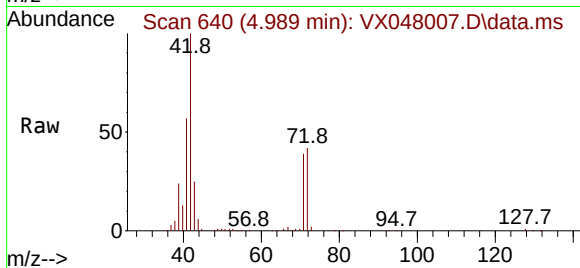
Tgt Ion: 42 Resp: 187660

Ion Ratio Lower Upper

42 100

72 43.2 34.2 51.2

71 39.3 31.9 47.9



#30

Chloroform

Concen: 56.248 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX048007.D

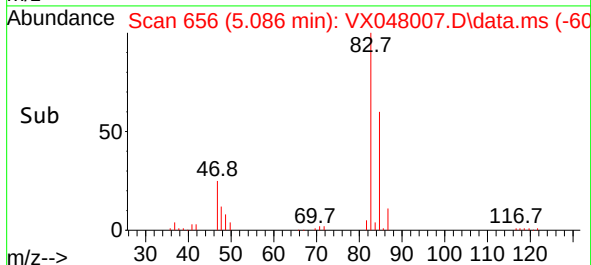
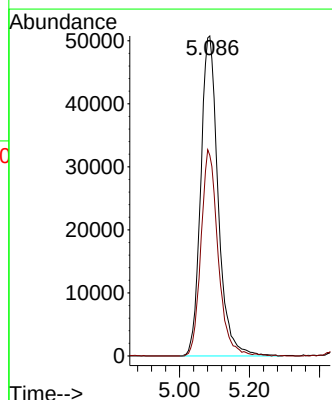
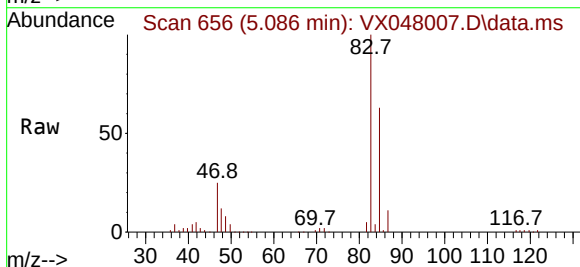
Acq: 03 Oct 2025 19:43

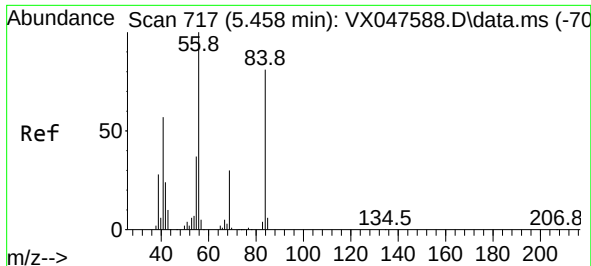
Tgt Ion: 83 Resp: 175073

Ion Ratio Lower Upper

83 100

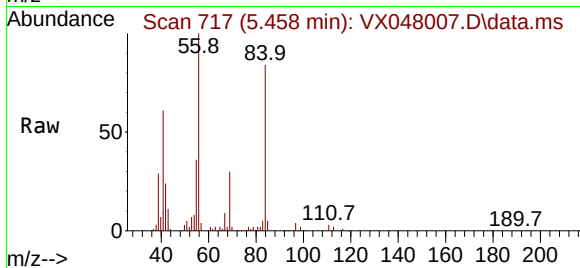
85 63.9 51.8 77.6



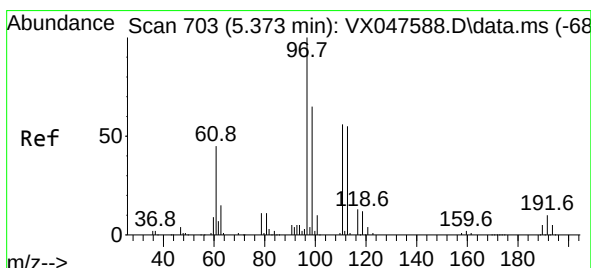
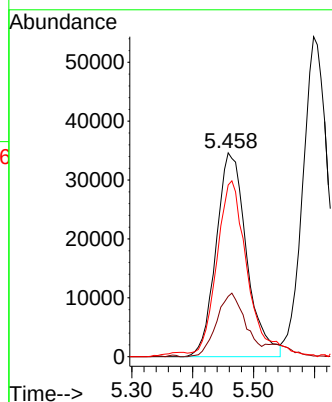
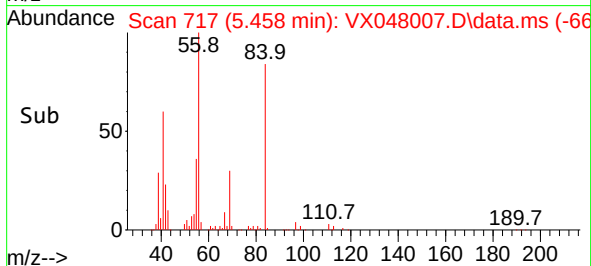


#31
Cyclohexane
Concen: 46.959 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

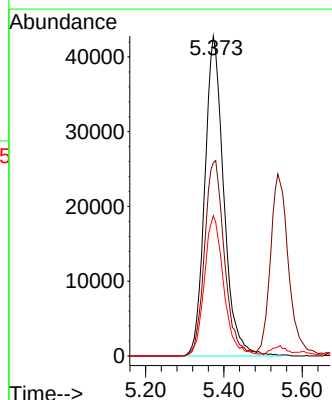
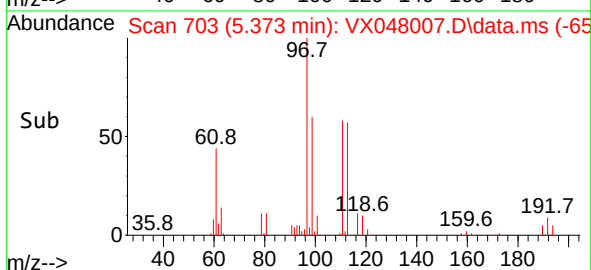
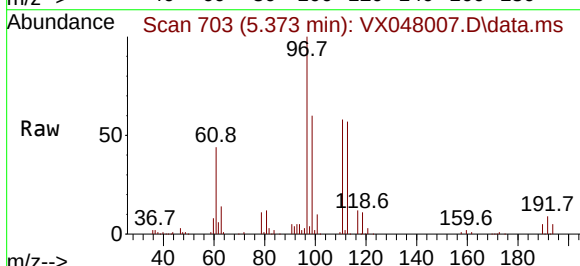


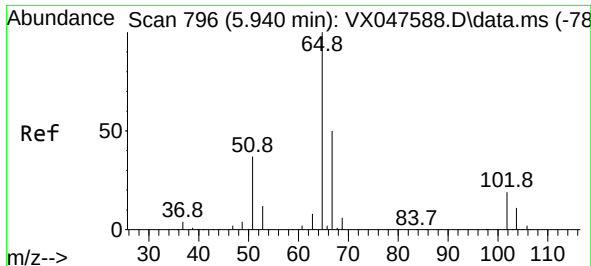
Tgt Ion: 56 Resp: 120465
Ion Ratio Lower Upper
56 100
69 29.0 23.8 35.8
84 82.1 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 54.512 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 97 Resp: 143918
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 44.6 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 52.123 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

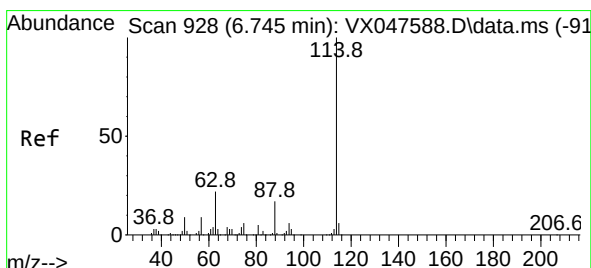
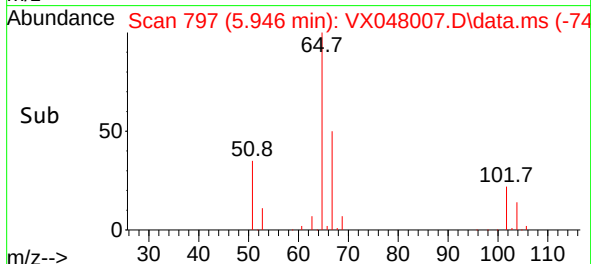
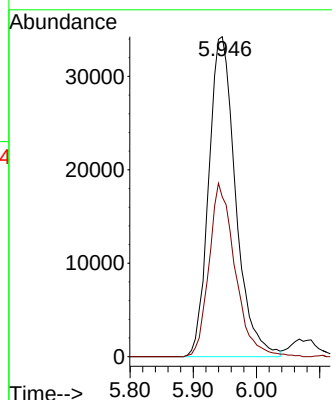
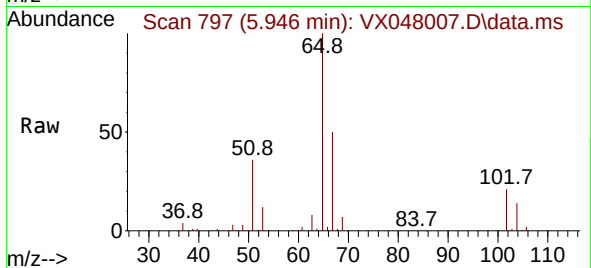
VSTDCCC050EC

Tgt Ion: 65 Resp: 101189

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

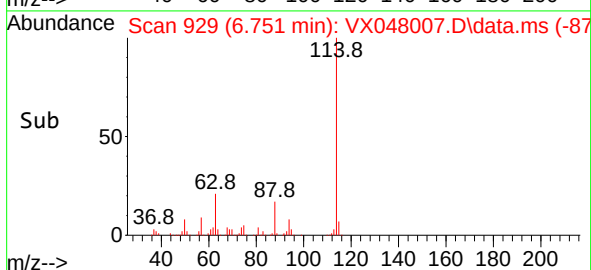
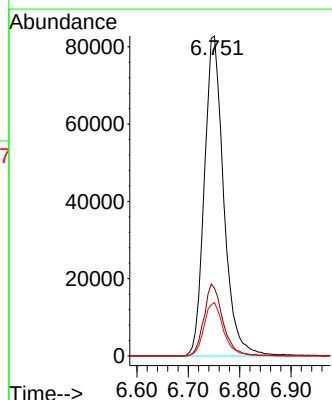
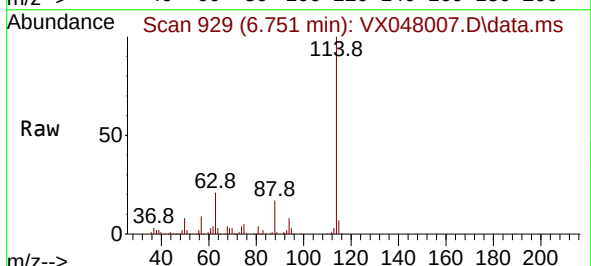
Tgt Ion: 114 Resp: 216314

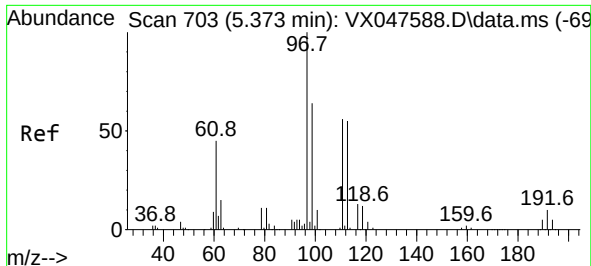
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 16.6 0.0 34.2





#35

Dibromofluoromethane

Concen: 53.749 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

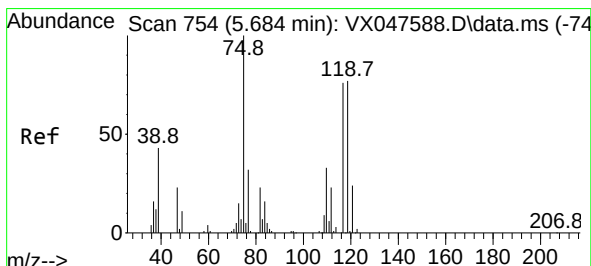
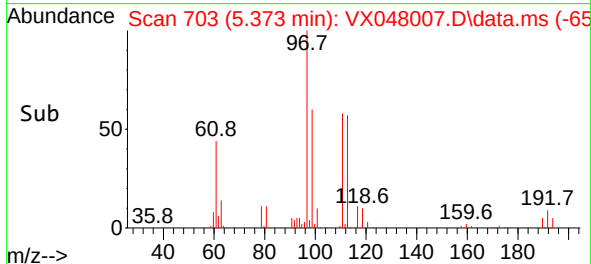
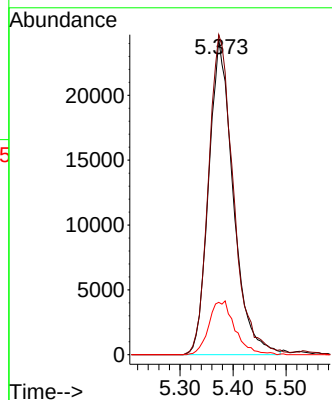
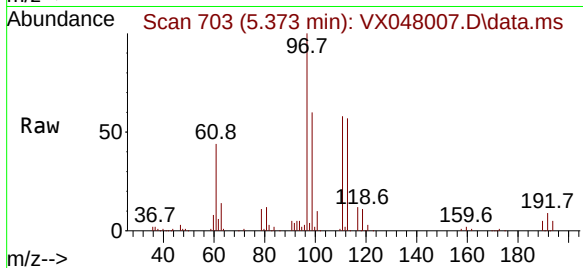
Tgt Ion:113 Resp: 77975

Ion Ratio Lower Upper

113 100

111 103.7 80.9 121.3

192 18.2 14.2 21.4



#36

1,1-Dichloropropene

Concen: 49.765 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

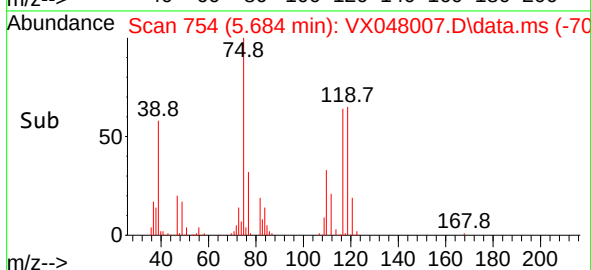
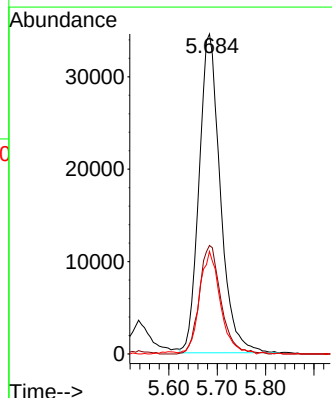
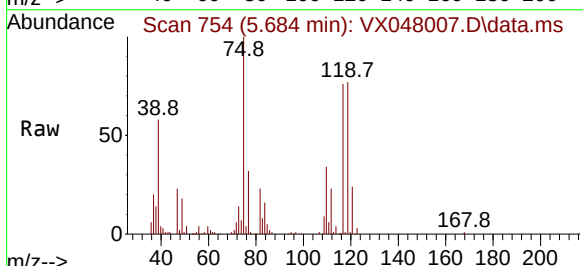
Tgt Ion: 75 Resp: 105494

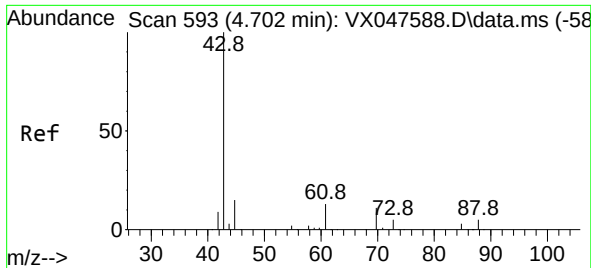
Ion Ratio Lower Upper

75 100

110 34.7 16.7 50.1

77 31.6 24.3 36.5

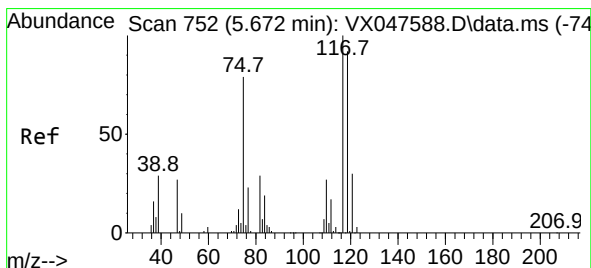
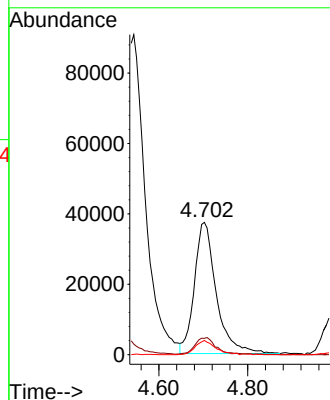
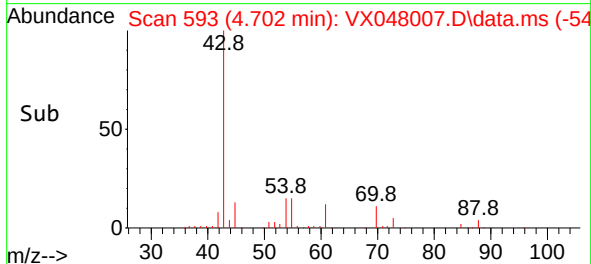
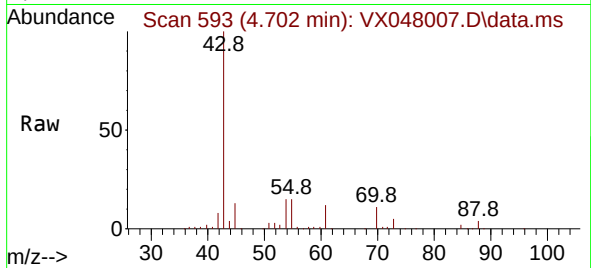




#37
Ethyl Acetate
Concen: 56.001 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

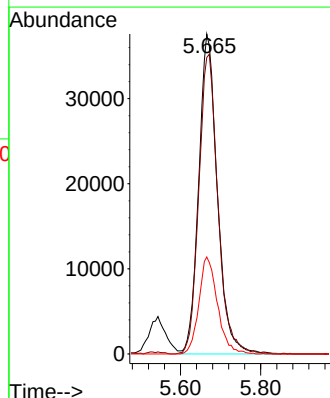
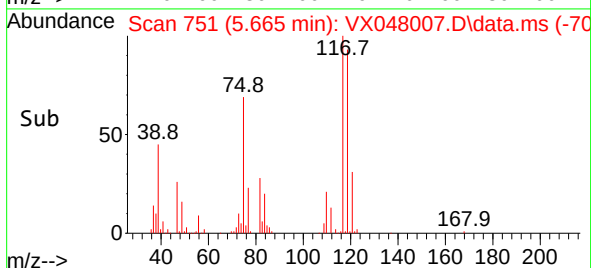
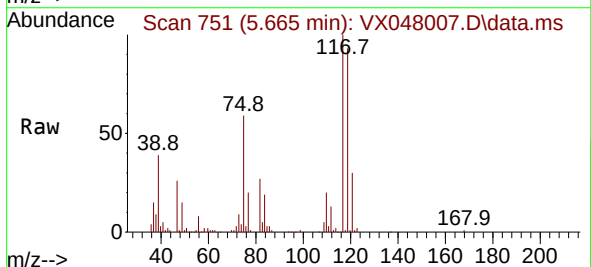
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

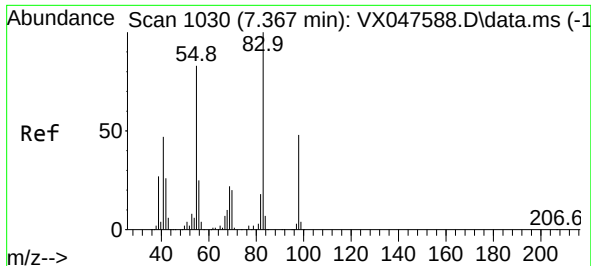
Tgt Ion: 43 Resp: 127109
Ion Ratio Lower Upper
43 100
61 11.7 9.8 14.8
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 52.703 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 117 Resp: 121389
Ion Ratio Lower Upper
117 100
119 92.7 73.4 110.2
121 30.3 23.8 35.6

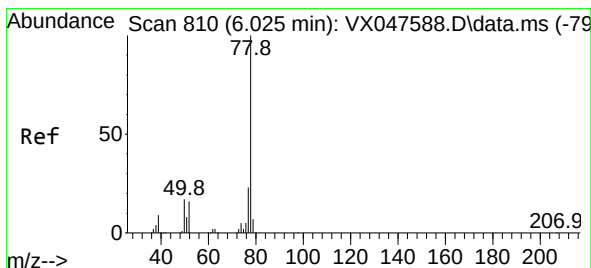
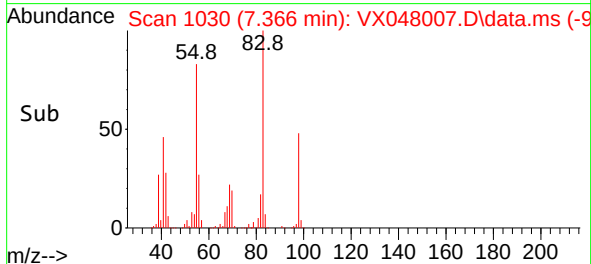
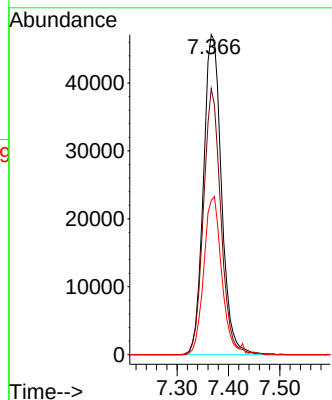
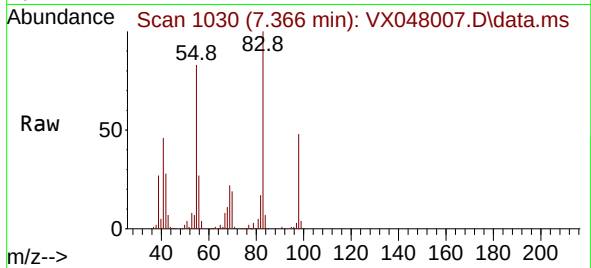




#39
Methylcyclohexane
Concen: 47.695 ug/l
RT: 7.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

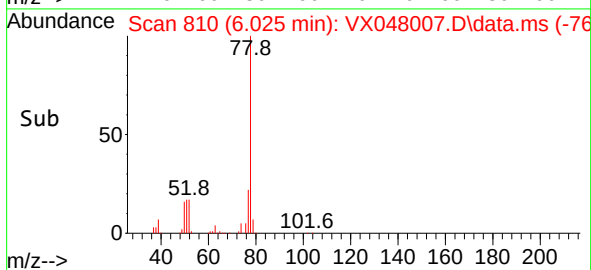
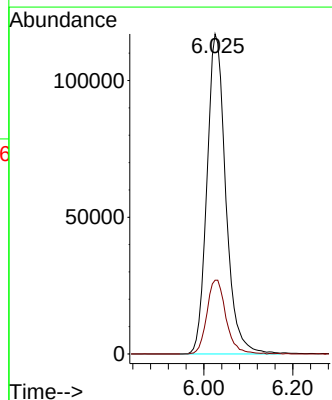
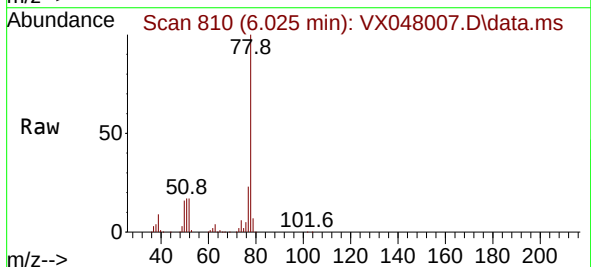
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

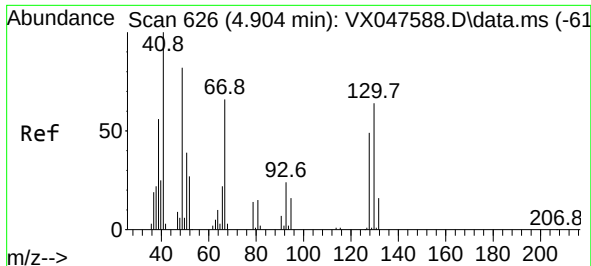
Tgt Ion: 83 Resp: 114768
Ion Ratio Lower Upper
83 100
55 83.2 66.4 99.6
98 48.2 38.1 57.1



#40
Benzene
Concen: 53.474 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 78 Resp: 344294
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2



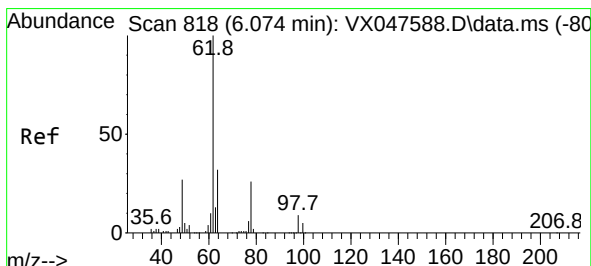
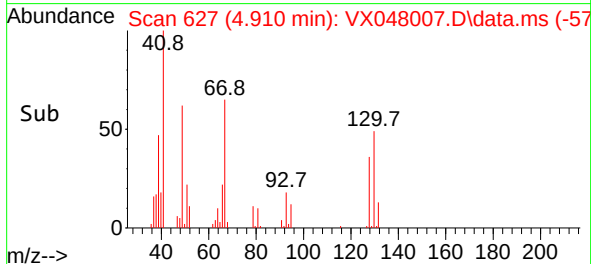
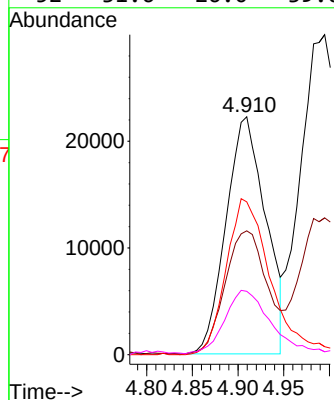
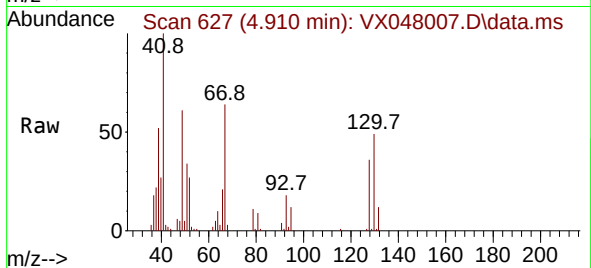


#41
Methacrylonitrile
Concen: 57.167 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 66987

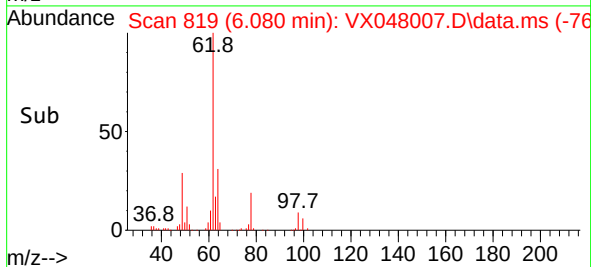
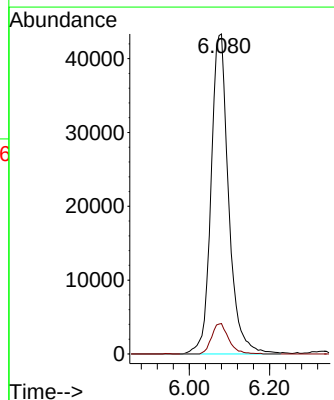
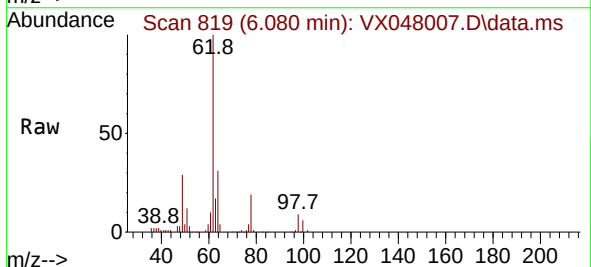
Ion	Ratio	Lower	Upper
41	100		
39	55.2	43.3	64.9
67	75.0	58.6	87.8
52	31.6	26.0	39.0

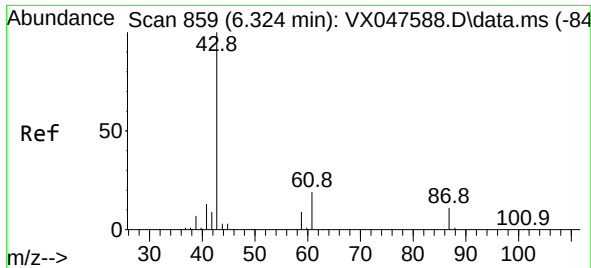


#42
1,2-Dichloroethane
Concen: 53.830 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 62 Resp: 131871

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.0

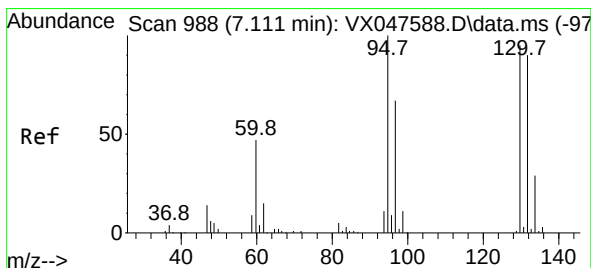
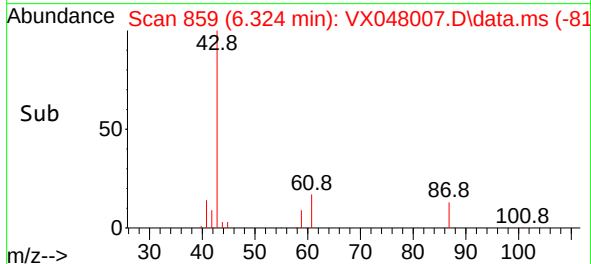
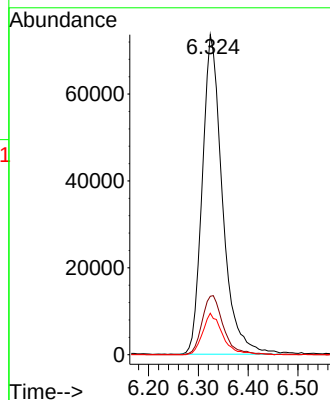
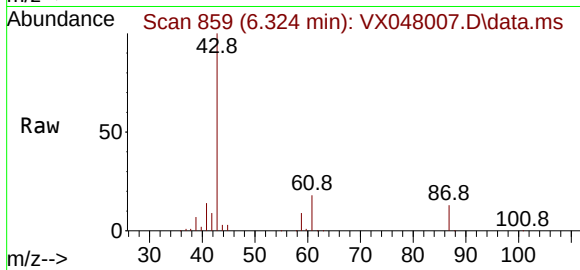




#43
Isopropyl Acetate
Concen: 55.494 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

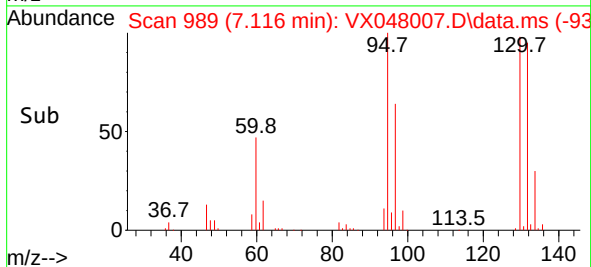
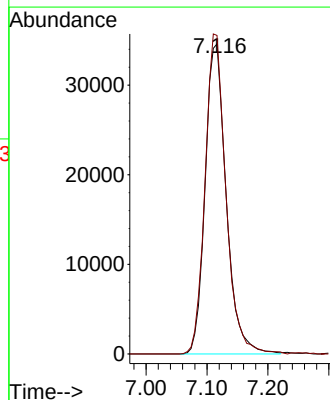
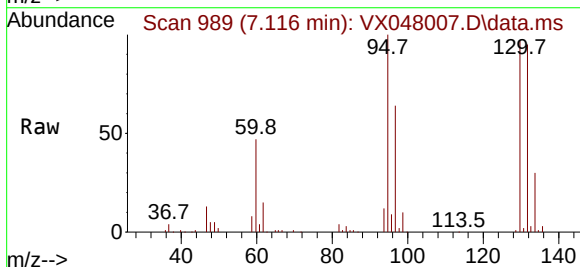
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

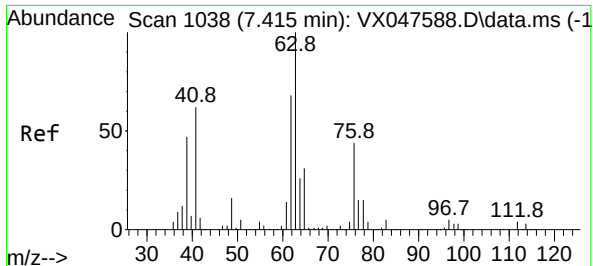
Tgt Ion: 43 Resp: 206579
Ion Ratio Lower Upper
43 100
61 19.5 15.2 22.8
87 12.7 9.6 14.4



#44
Trichloroethene
Concen: 53.481 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion:130 Resp: 83248
Ion Ratio Lower Upper
130 100
95 102.7 0.0 210.8





#45

1,2-Dichloropropane

Concen: 56.766 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

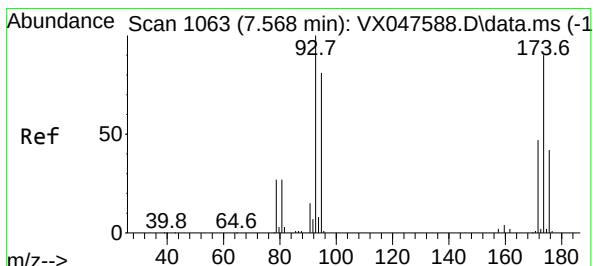
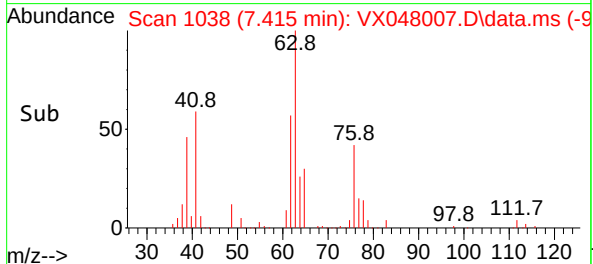
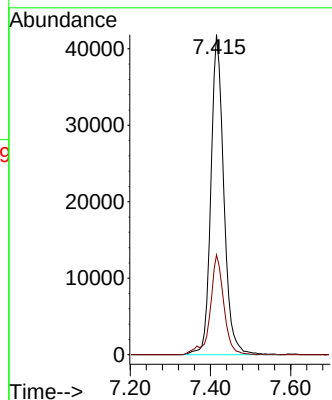
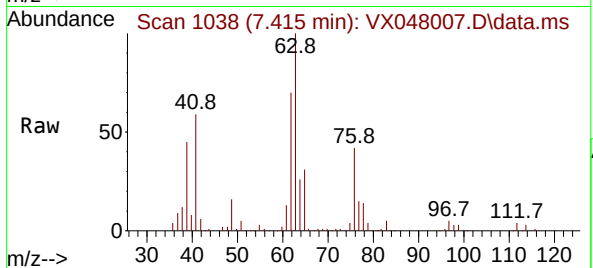
VSTDCCC050EC

Tgt Ion: 63 Resp: 93587

Ion Ratio Lower Upper

63 100

65 31.2 24.7 37.1



#46

Dibromomethane

Concen: 55.847 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

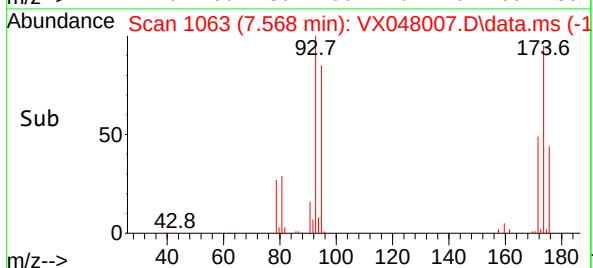
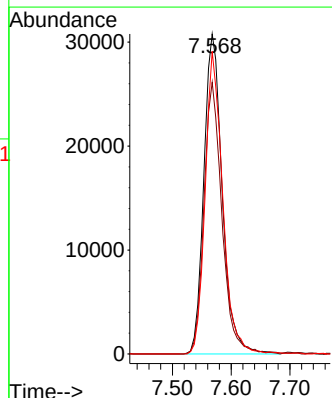
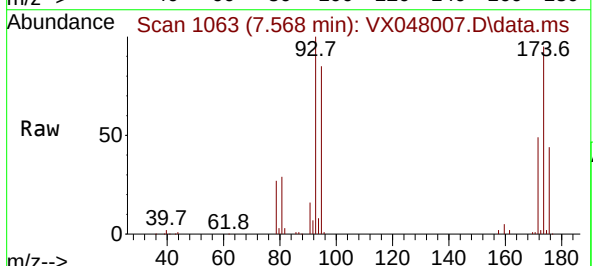
Tgt Ion: 93 Resp: 67001

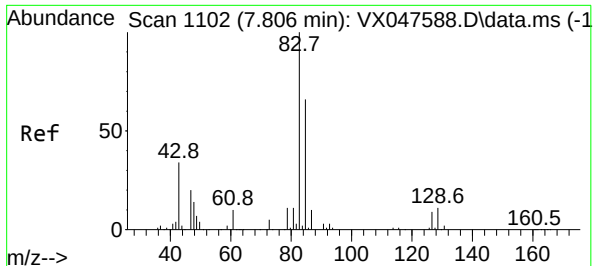
Ion Ratio Lower Upper

93 100

95 83.1 65.0 97.6

174 90.2 71.6 107.4





#47

Bromodichloromethane

Concen: 56.708 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

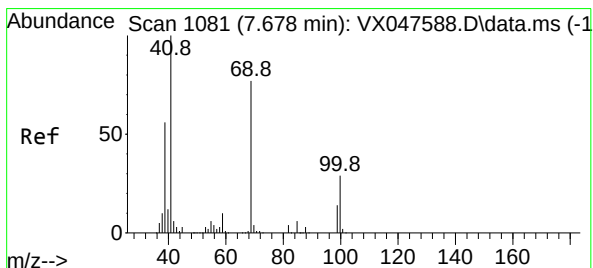
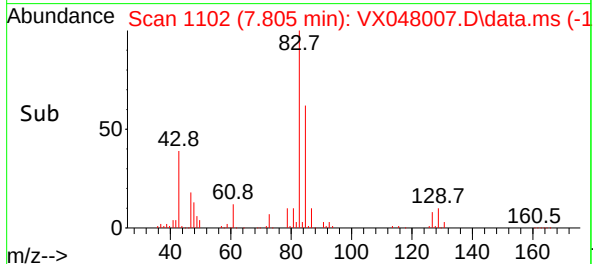
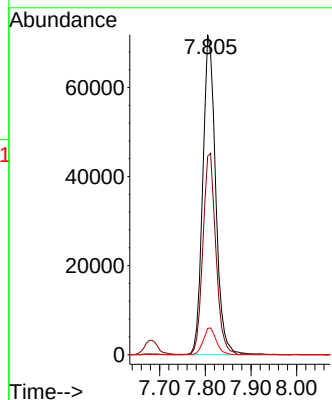
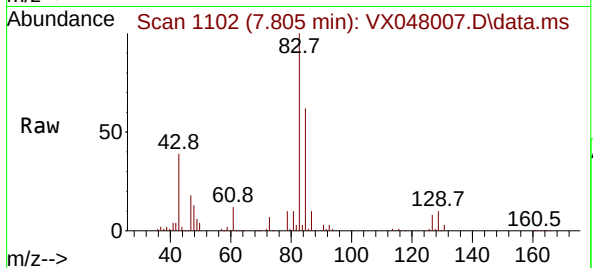
Tgt Ion: 83 Resp: 140393

Ion Ratio Lower Upper

83 100

85 62.1 52.5 78.7

127 8.3 6.9 10.3



#48

Methyl methacrylate

Concen: 56.718 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

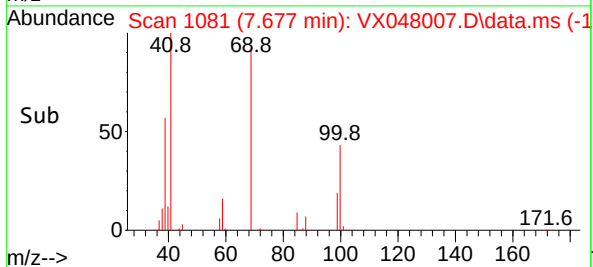
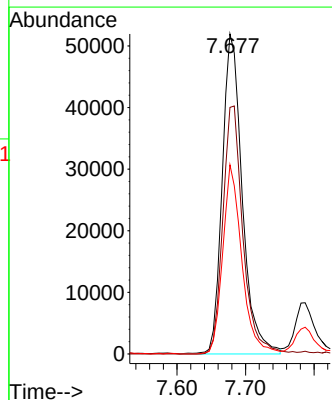
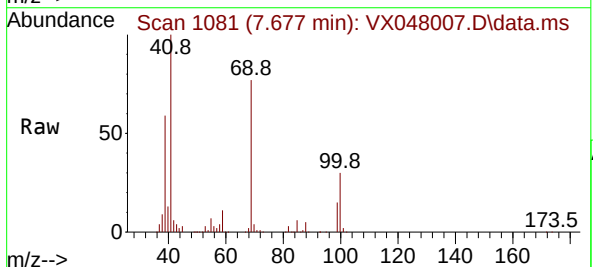
Tgt Ion: 41 Resp: 105169

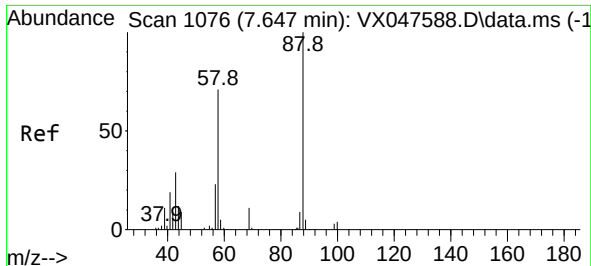
Ion Ratio Lower Upper

41 100

69 77.7 61.4 92.2

39 56.3 45.8 68.6





#49

1,4-Dioxane

Concen: 1302.577 ug/l

RT: 7.647 min Scan# 110

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

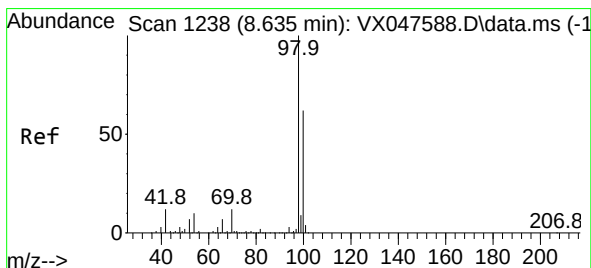
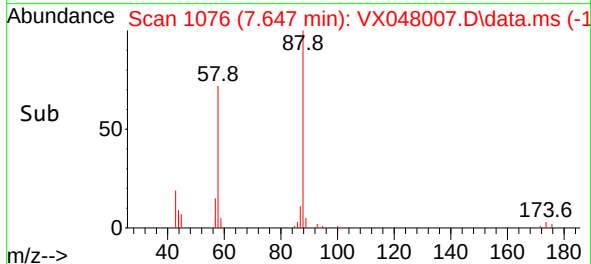
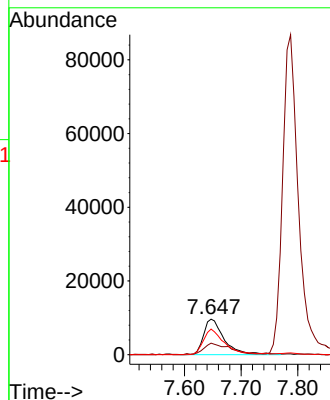
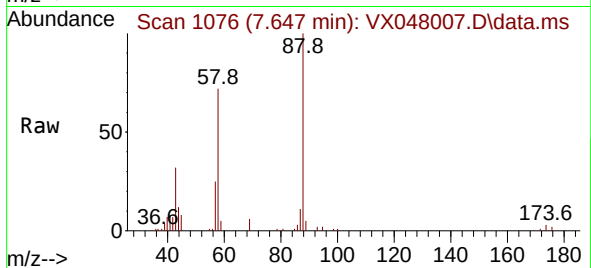
Tgt Ion: 88 Resp: 24409

Ion Ratio Lower Upper

88 100

43 38.2 30.2 45.2

58 72.4 59.5 89.3



#50

Toluene-d8

Concen: 53.538 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048007.D

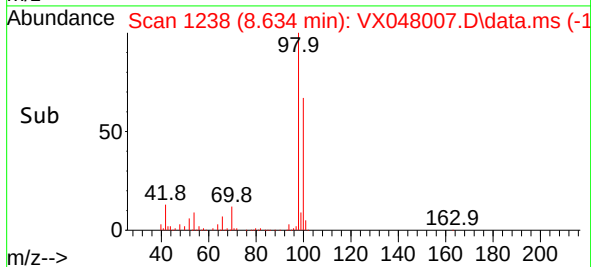
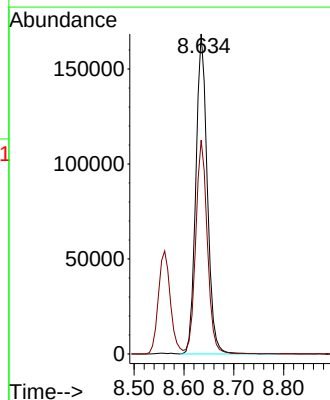
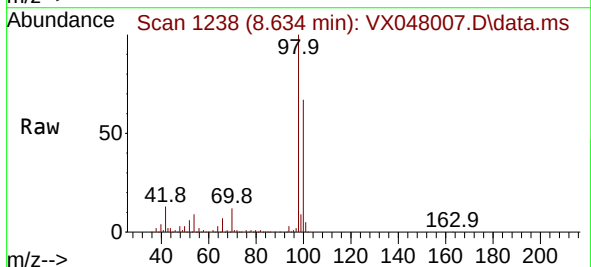
Acq: 03 Oct 2025 19:43

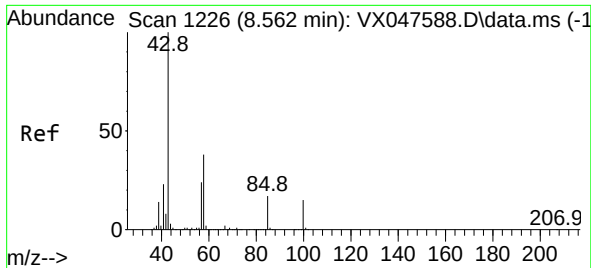
Tgt Ion: 98 Resp: 268747

Ion Ratio Lower Upper

98 100

100 67.7 53.0 79.4

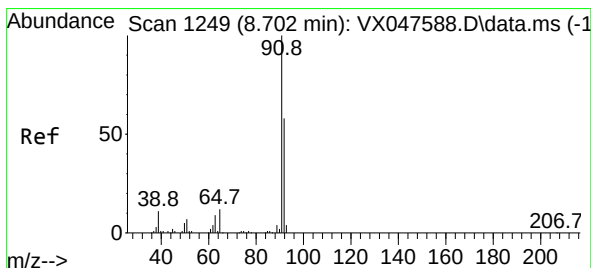
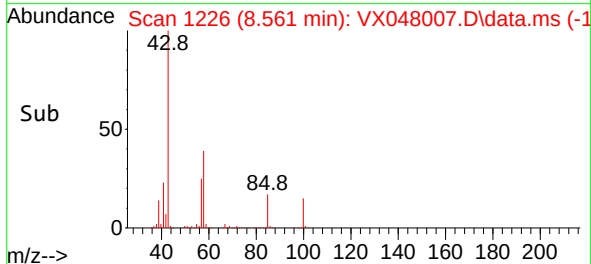
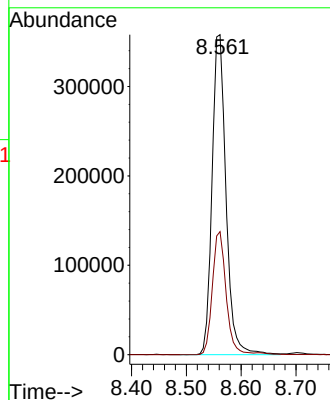
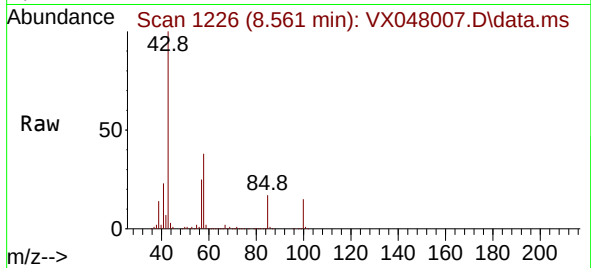




#51
4-Methyl-2-Pentanone
Concen: 305.381 ug/l
RT: 8.561 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

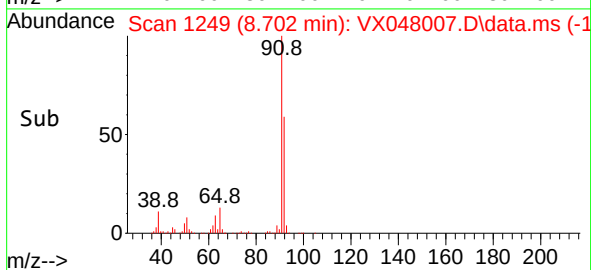
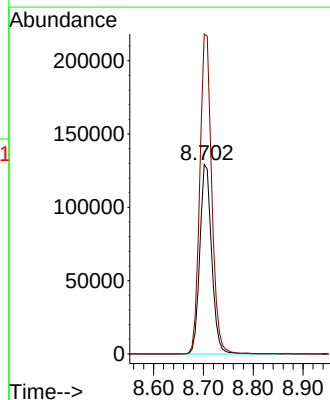
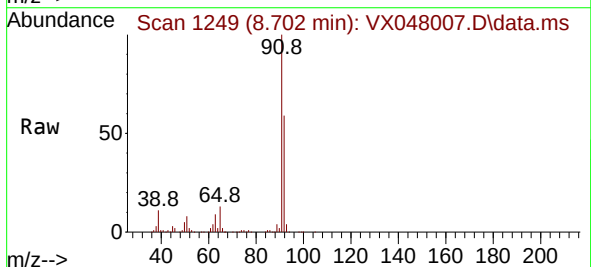
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

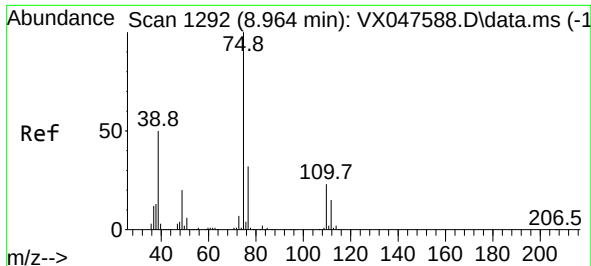
Tgt Ion: 43 Resp: 630287
Ion Ratio Lower Upper
43 100
58 37.7 30.3 45.5



#52
Toluene
Concen: 53.771 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 92 Resp: 213298
Ion Ratio Lower Upper
92 100
91 170.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 54.707 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

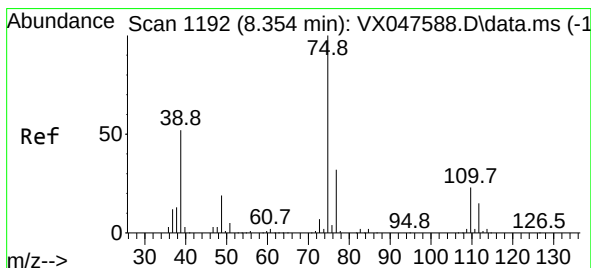
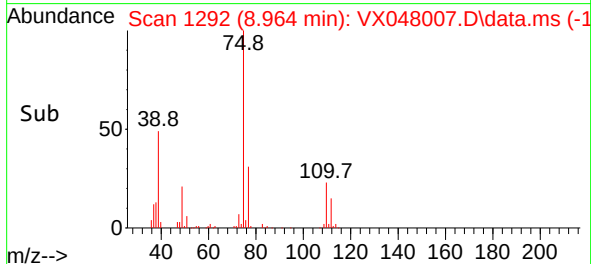
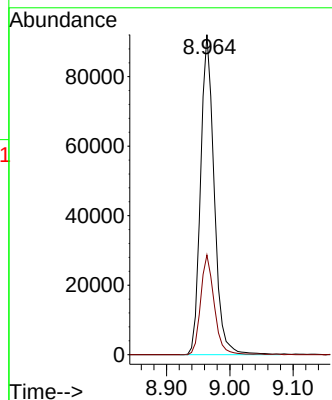
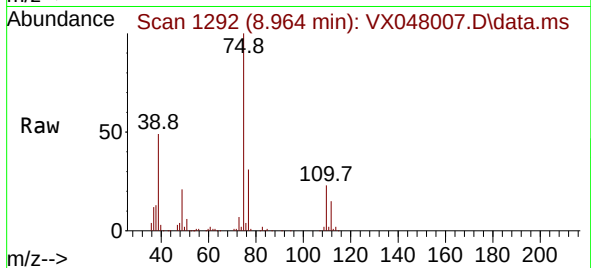
VSTDCCC050EC

Tgt Ion: 75 Resp: 138150

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 54.069 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

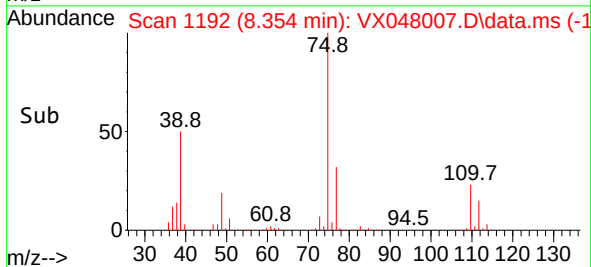
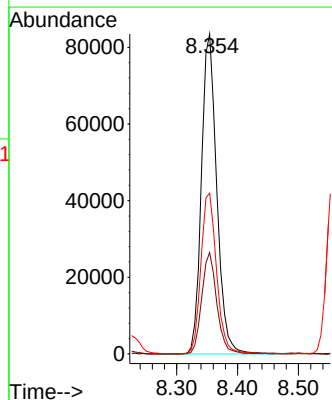
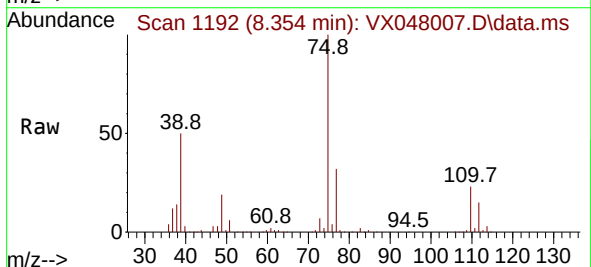
Tgt Ion: 75 Resp: 145937

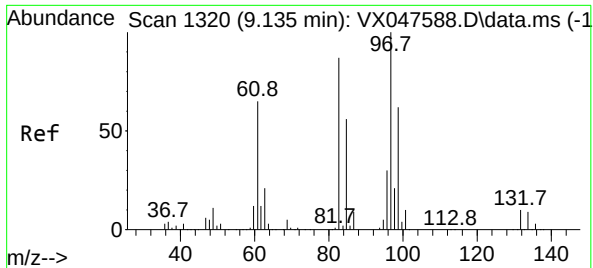
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

39 50.1 41.4 62.2

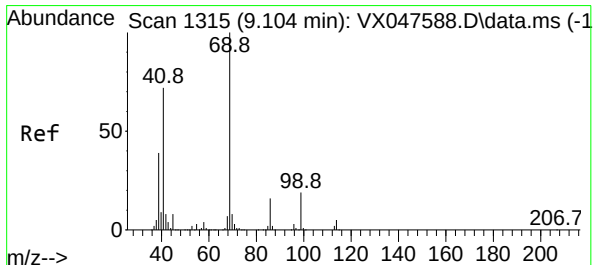
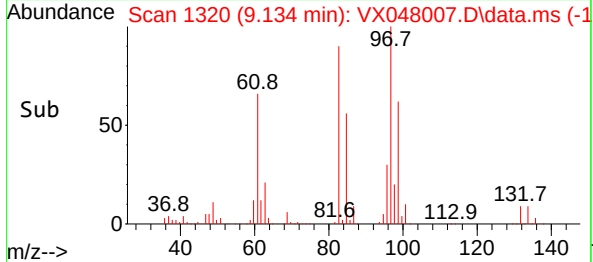
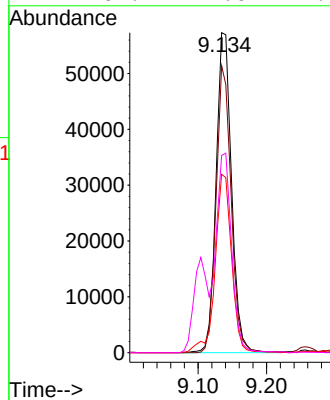
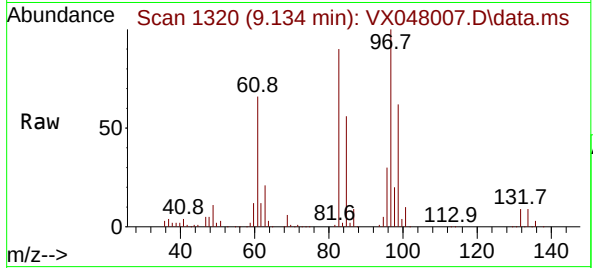




#55
1,1,2-Trichloroethane
Concen: 58.812 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

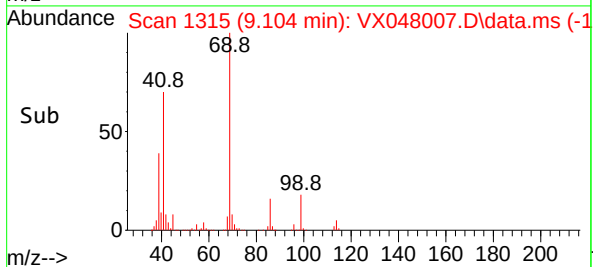
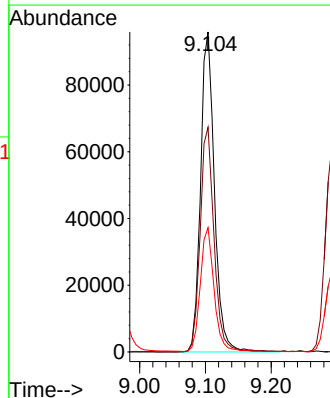
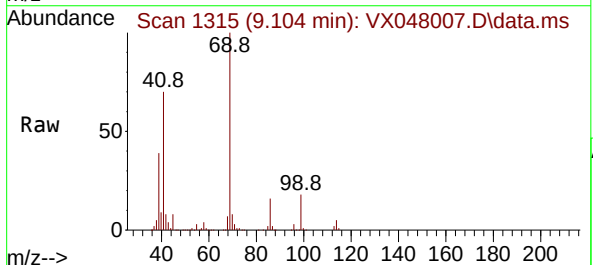
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

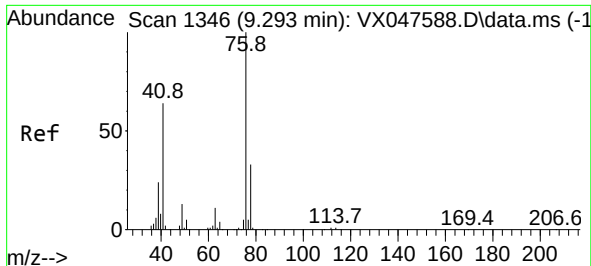
Tgt Ion:	97	Resp:	89957
Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.6	104.4
85	55.7	45.0	67.6
99	61.7	49.6	74.4



#56
Ethyl methacrylate
Concen: 58.399 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion:	69	Resp:	140282
Ion	Ratio	Lower	Upper
69	100		
41	70.7	58.6	87.8
39	38.4	31.5	47.3

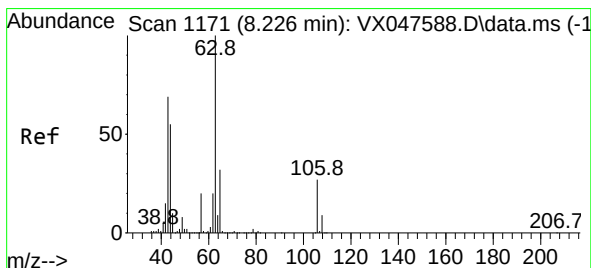
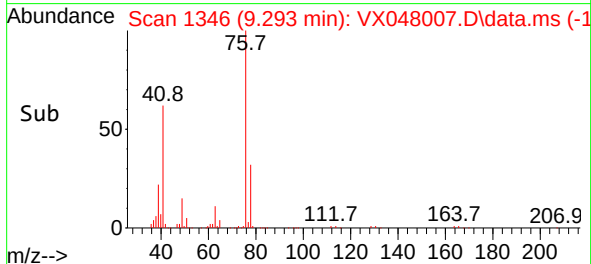
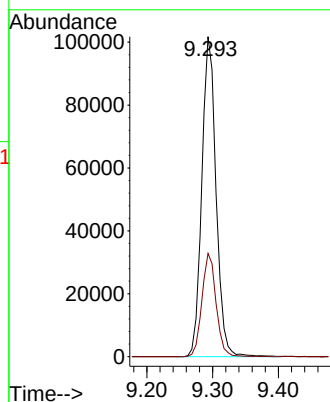
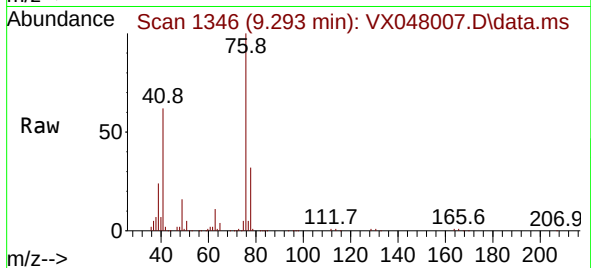




#57
1,3-Dichloropropane
Concen: 58.287 ug/l
RT: 9.293 min Scan# 11346
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

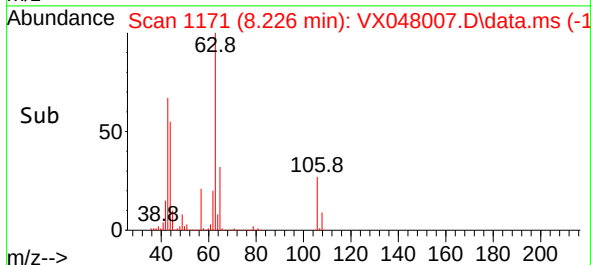
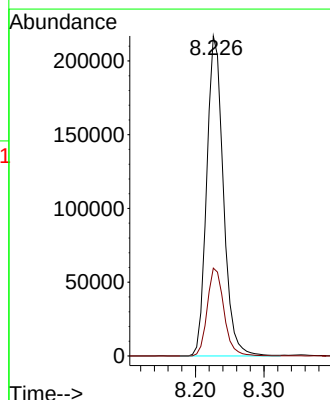
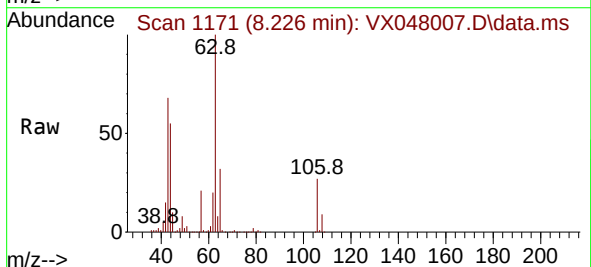
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

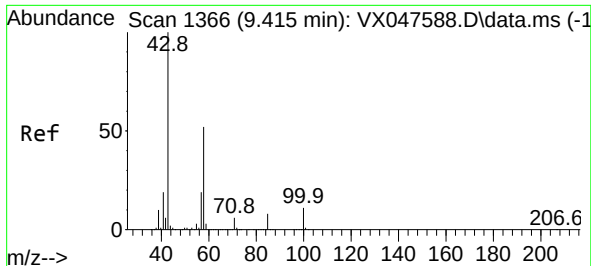
Tgt Ion: 76 Resp: 153150
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 314.582 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 63 Resp: 367023
Ion Ratio Lower Upper
63 100
106 27.6 21.9 32.9

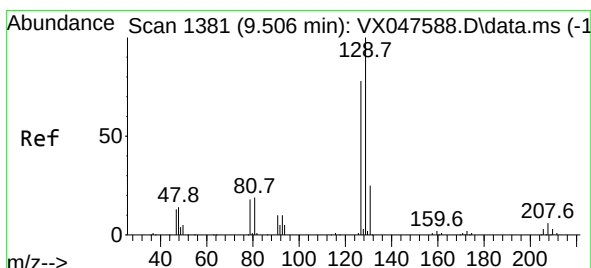
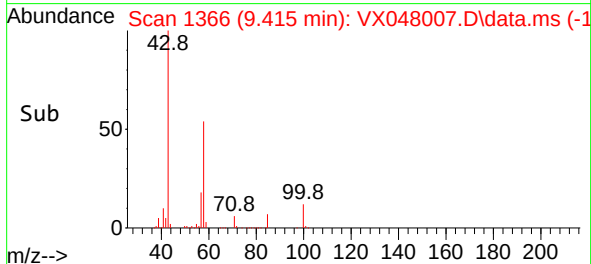
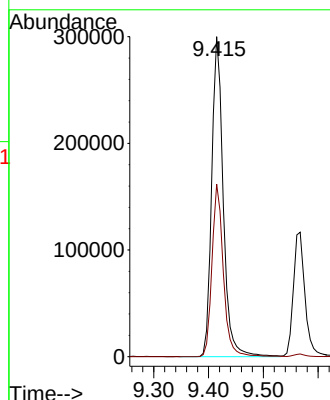
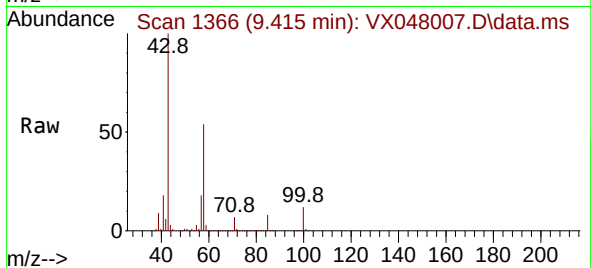




#59
2-Hexanone
Concen: 295.111 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

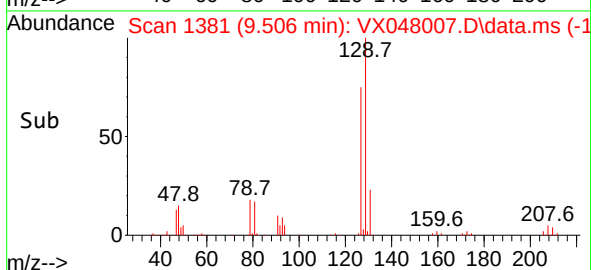
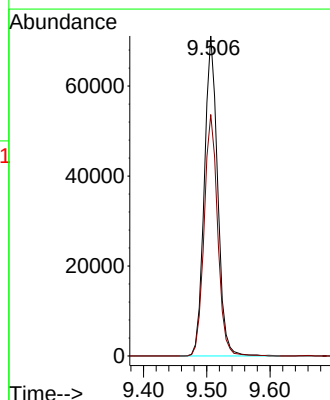
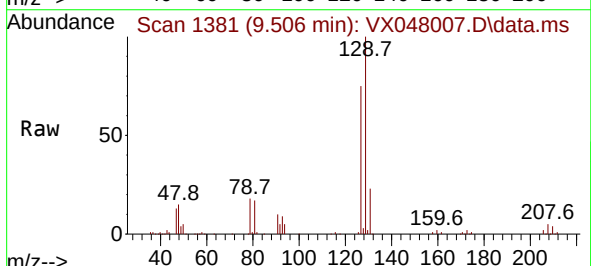
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

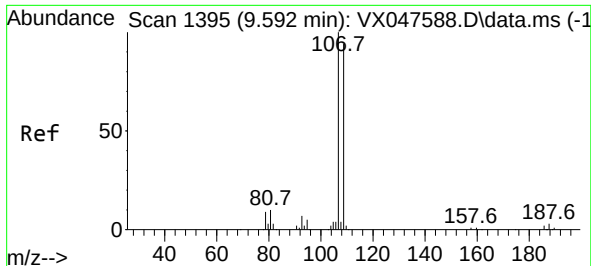
Tgt Ion: 43 Resp: 437450
Ion Ratio Lower Upper
43 100
58 53.1 26.1 78.2



#60
Dibromochloromethane
Concen: 59.125 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 129 Resp: 104201
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2

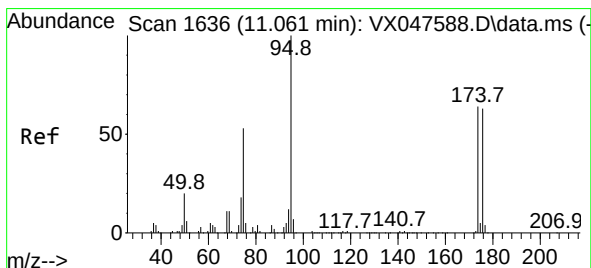
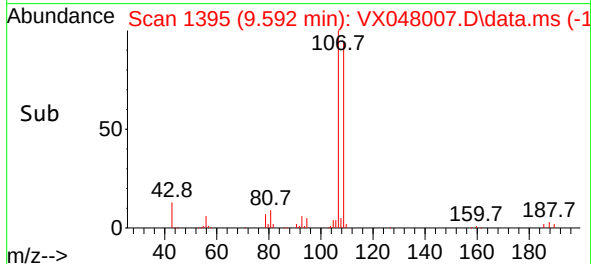
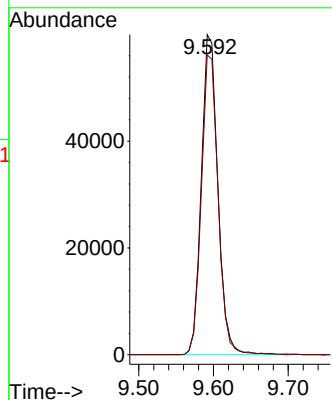
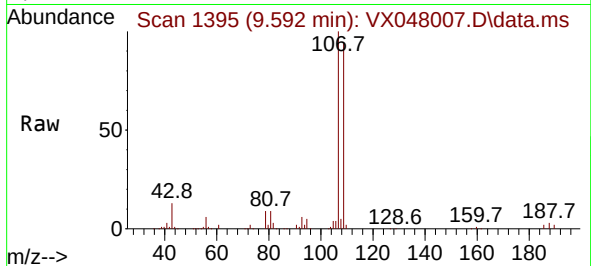




#61
1,2-Dibromoethane
Concen: 59.155 ug/l
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

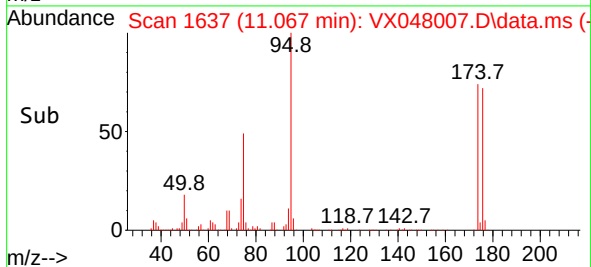
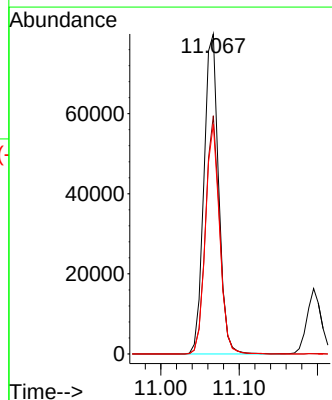
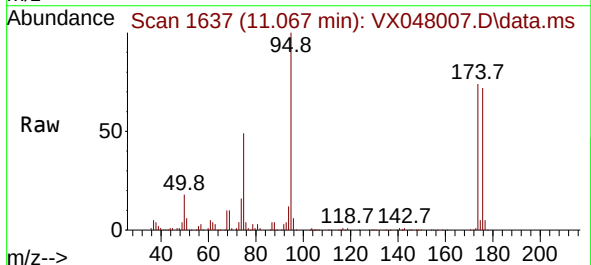
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

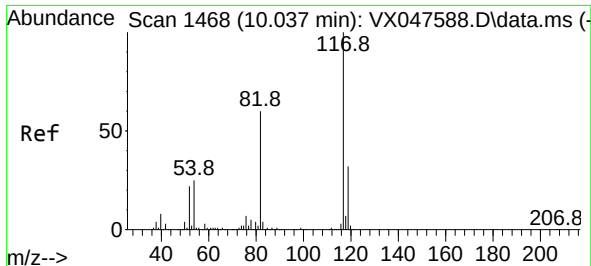
Tgt Ion:107 Resp: 92159
Ion Ratio Lower Upper
107 100
109 94.7 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 54.596 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 95 Resp: 104011
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 69.2 0.0 138.4

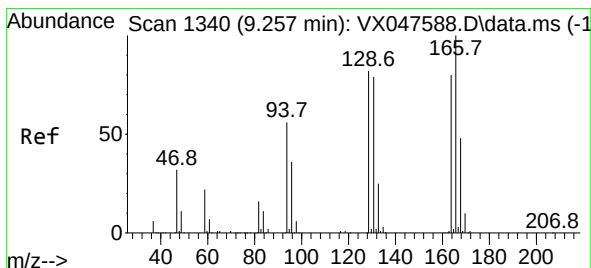
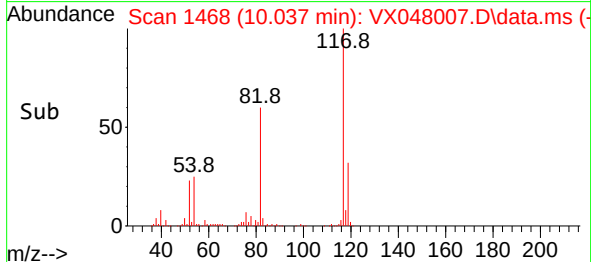
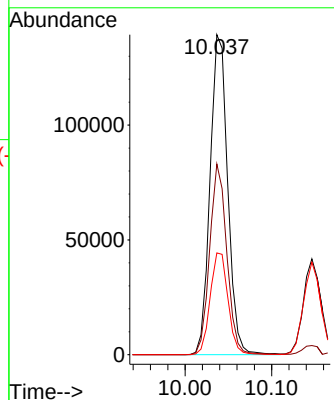
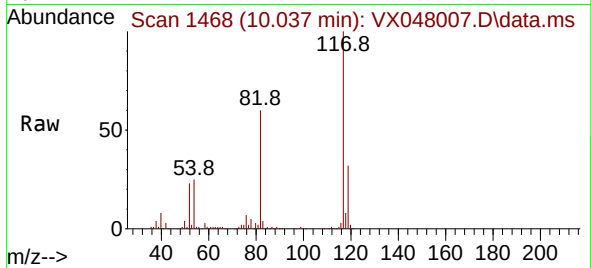




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

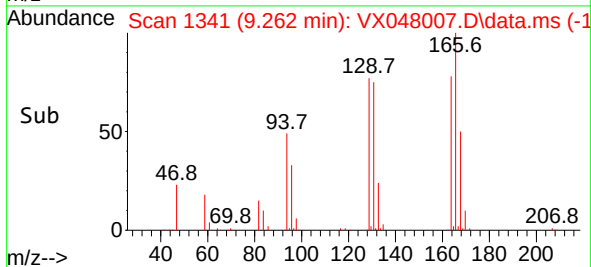
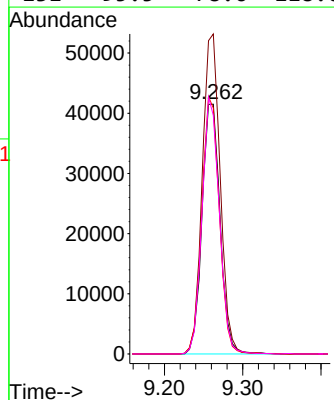
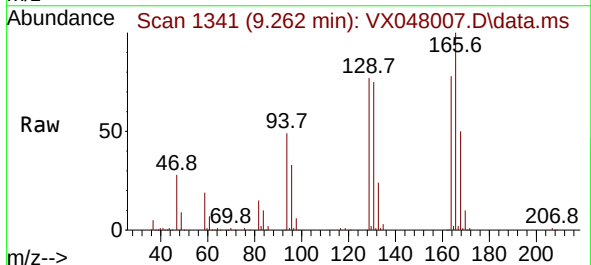
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

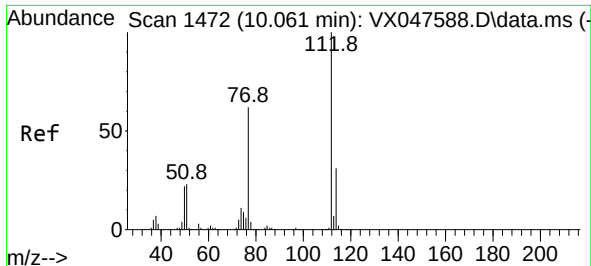
Tgt Ion:117 Resp: 197136
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.6
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 51.587 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion:164 Resp: 66296
Ion Ratio Lower Upper
164 100
166 128.1 100.2 150.2
129 98.5 81.8 122.6
131 95.5 78.6 118.0

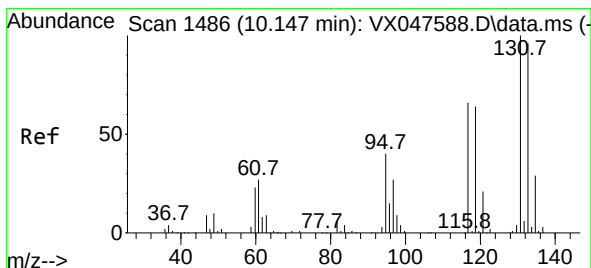
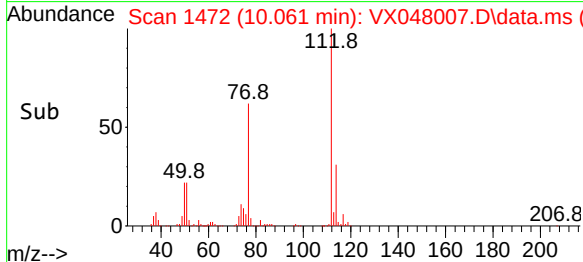
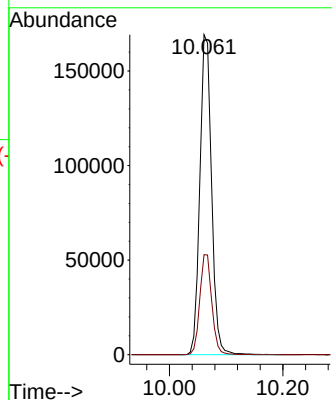
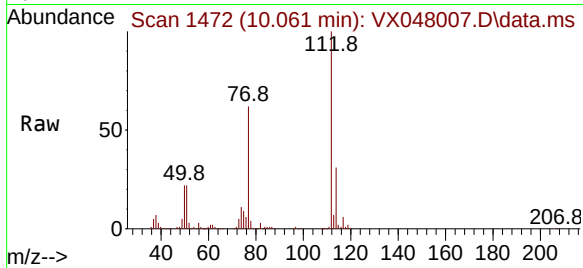




#65
Chlorobenzene
Concen: 54.082 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

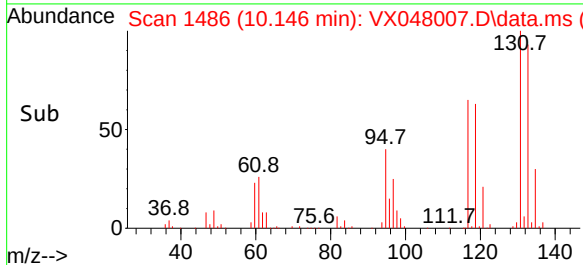
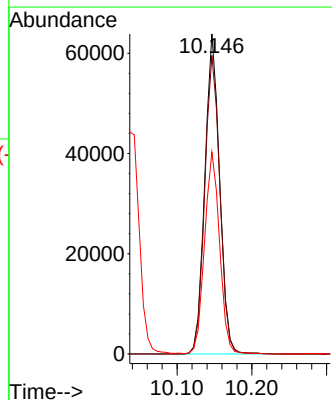
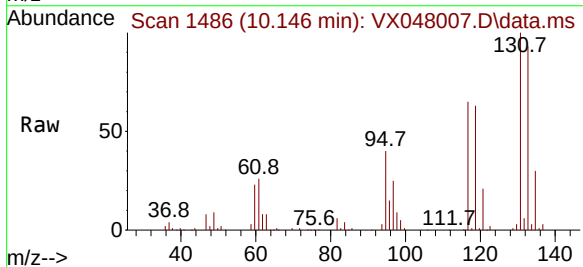
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

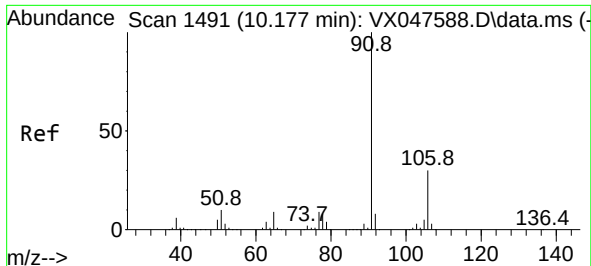
Tgt Ion:112 Resp: 242210
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 56.702 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion:131 Resp: 87628
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 64.2 32.0 96.0

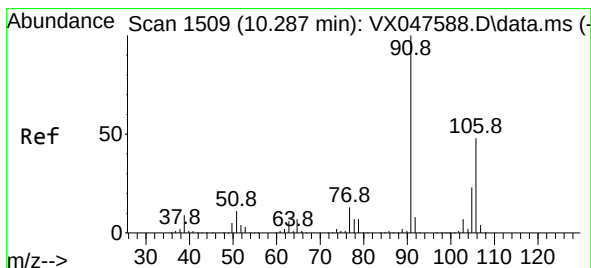
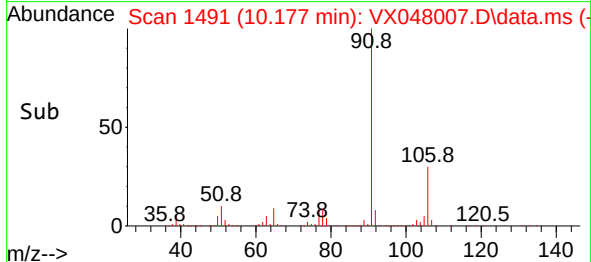
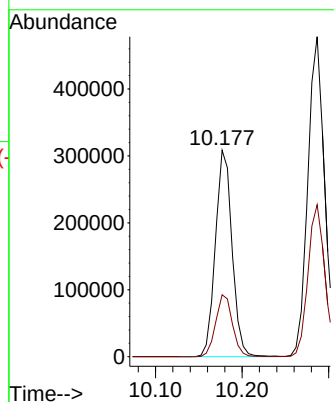
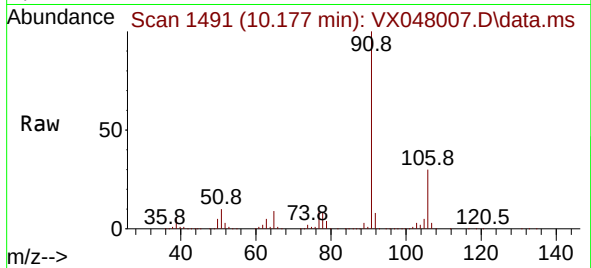




#67
Ethyl Benzene
Concen: 53.354 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

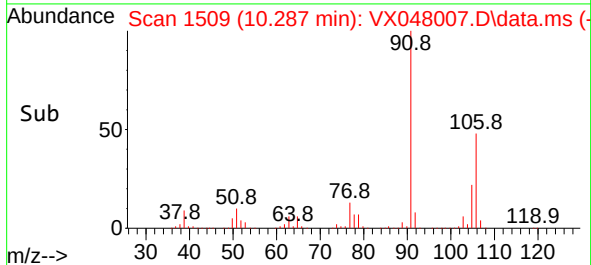
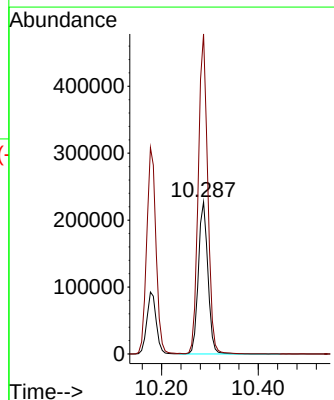
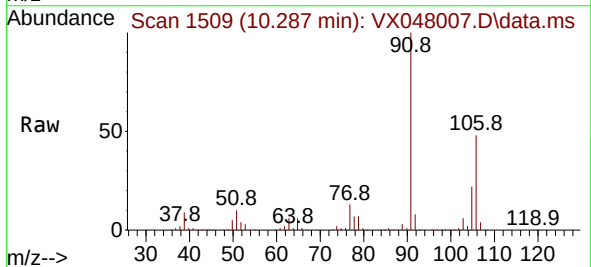
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

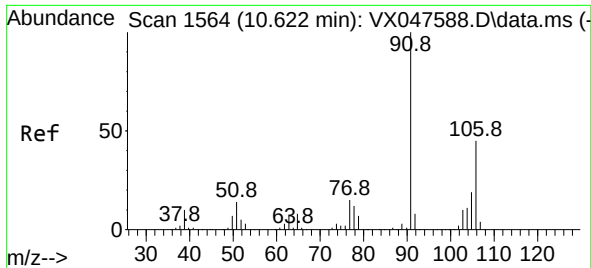
Tgt Ion: 91 Resp: 412286
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 107.446 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion:106 Resp: 309036
Ion Ratio Lower Upper
106 100
91 208.1 167.8 251.8

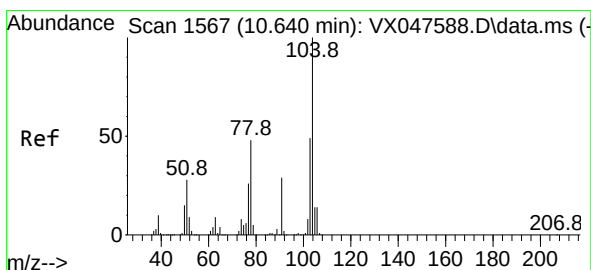
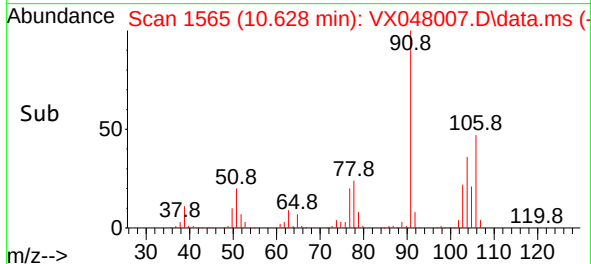
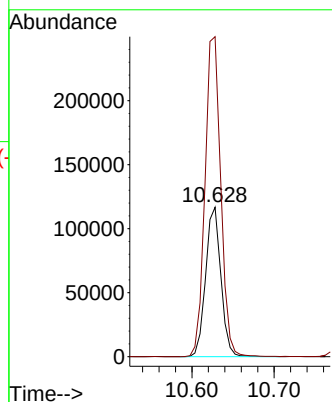
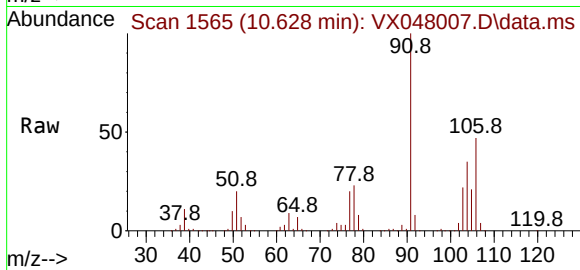




#69
o-Xylene
Concen: 54.003 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

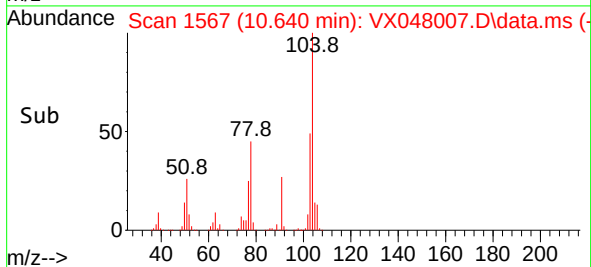
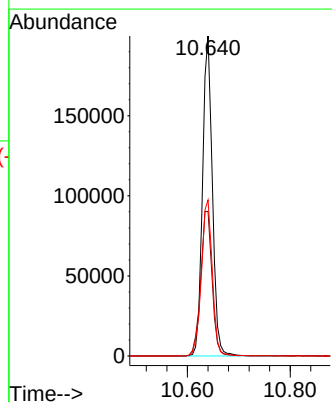
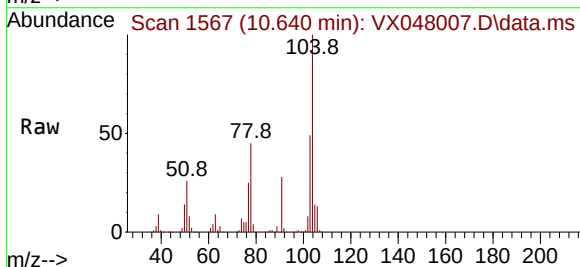
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

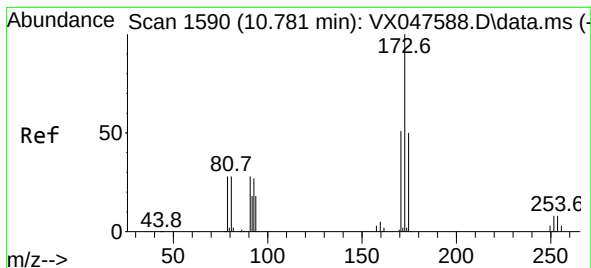
Tgt Ion:106 Resp: 150235
Ion Ratio Lower Upper
106 100
91 222.0 111.1 333.4



#70
Styrene
Concen: 54.501 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion:104 Resp: 265668
Ion Ratio Lower Upper
104 100
78 52.4 43.1 64.7
103 54.1 43.1 64.7





#71

Bromoform

Concen: 58.896 ug/l

RT: 10.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

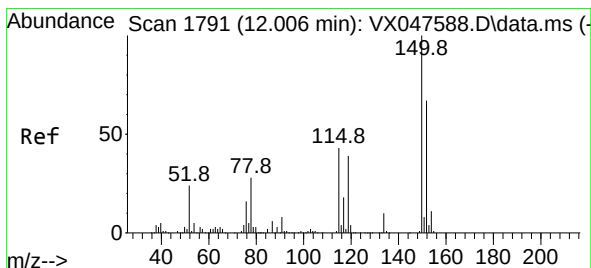
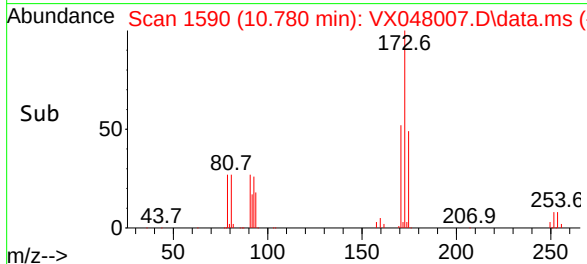
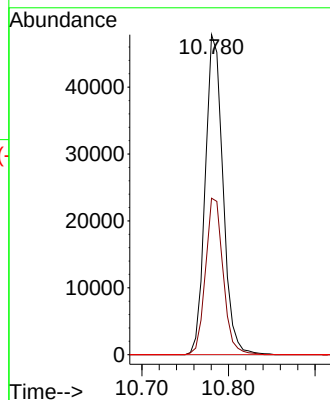
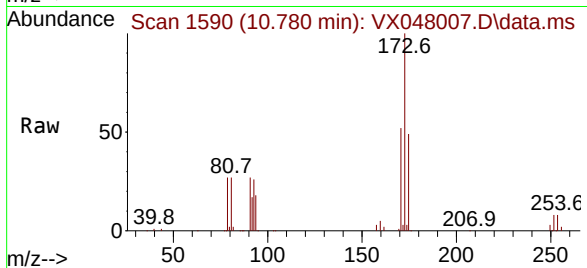
Tgt Ion:173 Resp: 67964

Ion Ratio Lower Upper

173 100

175 48.7 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

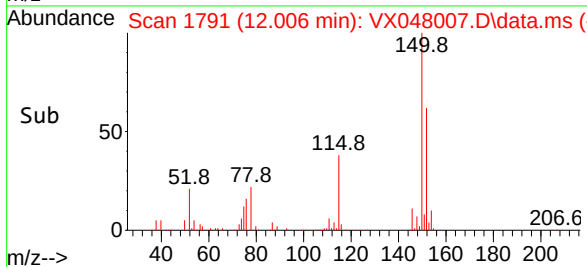
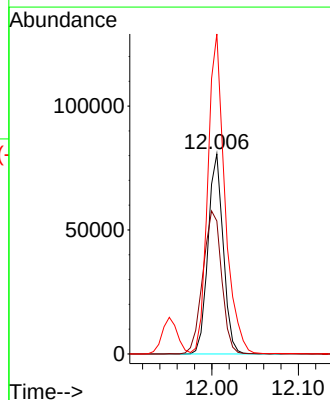
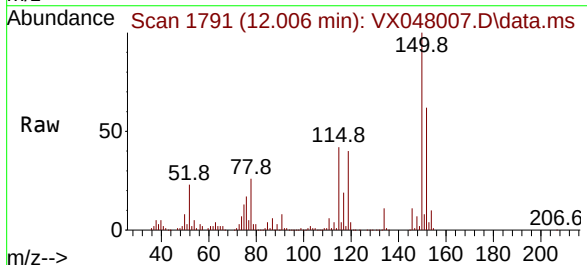
Tgt Ion:152 Resp: 98396

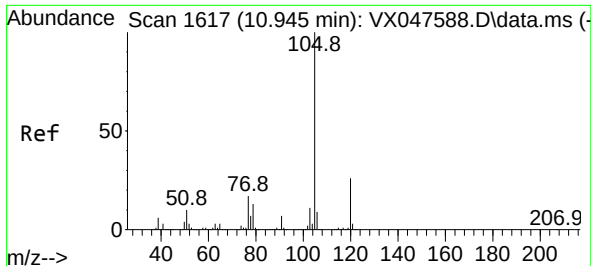
Ion Ratio Lower Upper

152 100

115 88.4 44.9 134.5

150 178.9 0.0 352.0

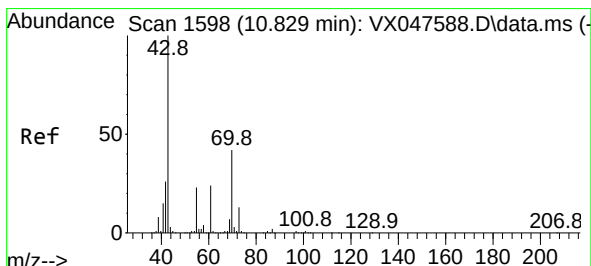
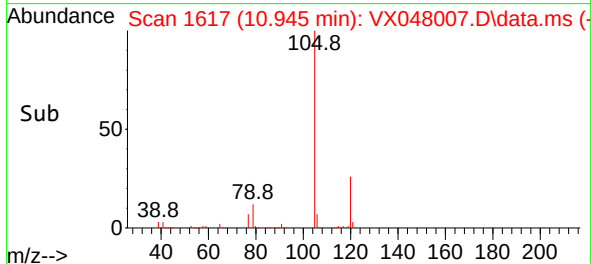
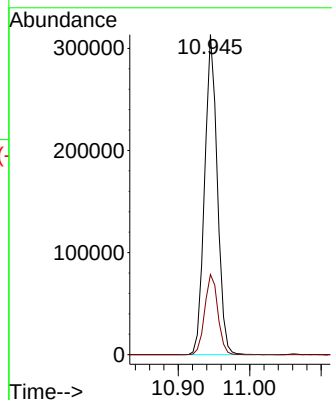
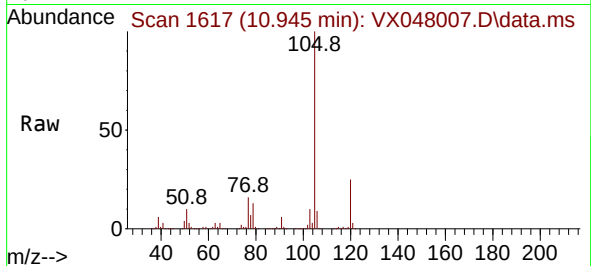




#73
Isopropylbenzene
Concen: 51.600 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

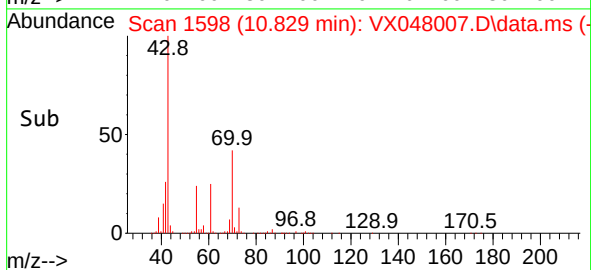
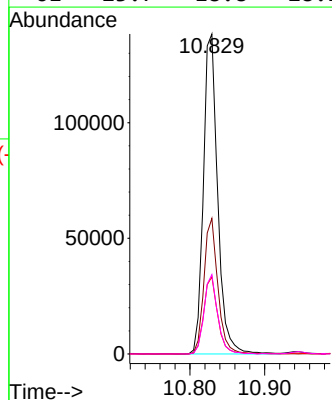
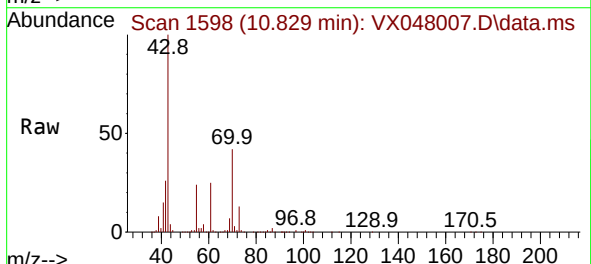
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

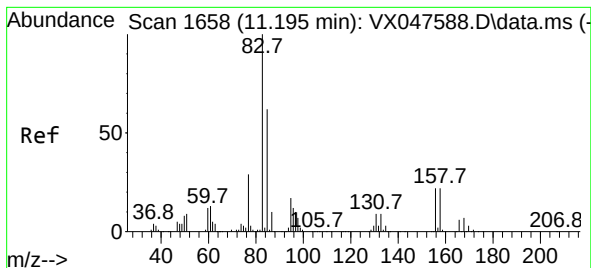
Tgt Ion:105 Resp: 386001
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4



#74
N-ethyl acetate
Concen: 53.851 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 43 Resp: 183701
Ion Ratio Lower Upper
43 100
70 41.5 32.0 48.0
55 23.7 18.9 28.3
61 23.7 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 57.788 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

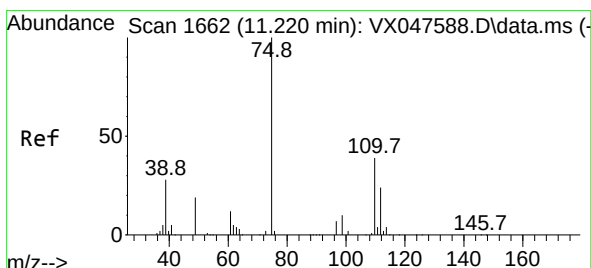
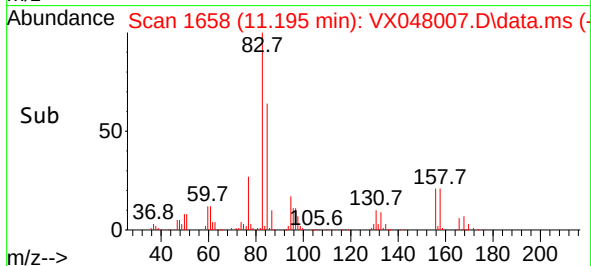
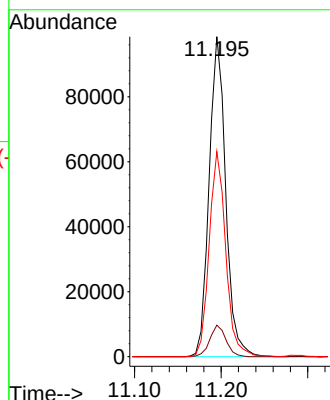
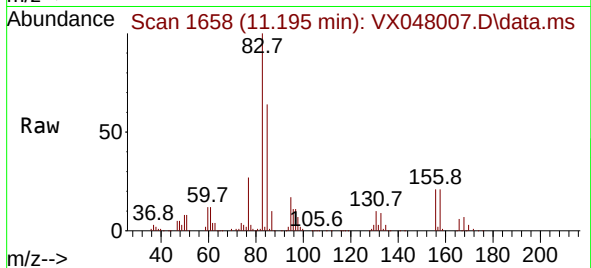
Tgt Ion: 83 Resp: 130791

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 64.1 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 71.228 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. -0.000 min

Lab File: VX048007.D

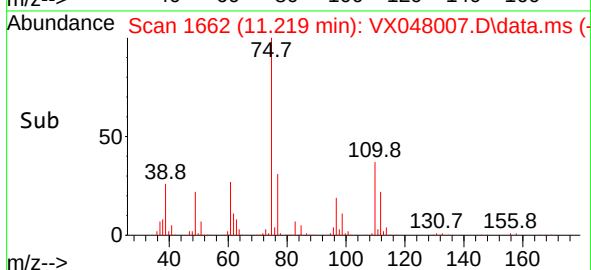
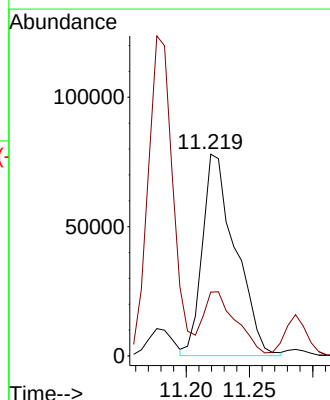
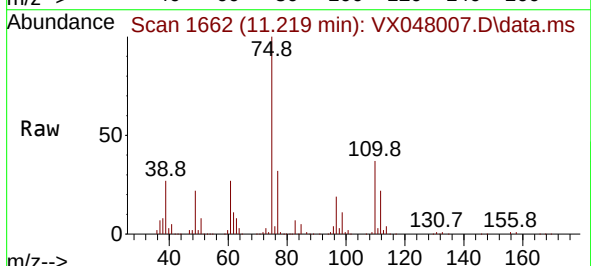
Acq: 03 Oct 2025 19:43

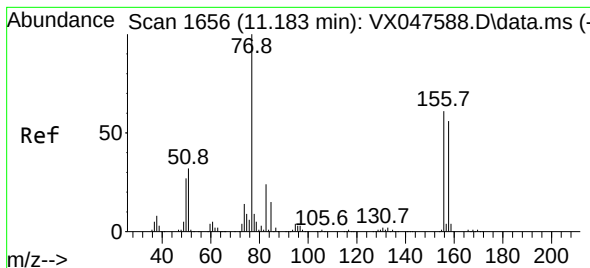
Tgt Ion: 75 Resp: 141901

Ion Ratio Lower Upper

75 100

77 31.0 18.8 56.4





#77

Bromobenzene

Concen: 52.685 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

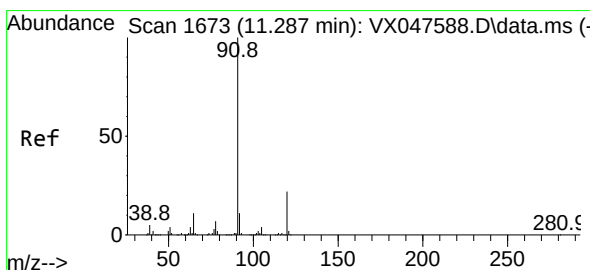
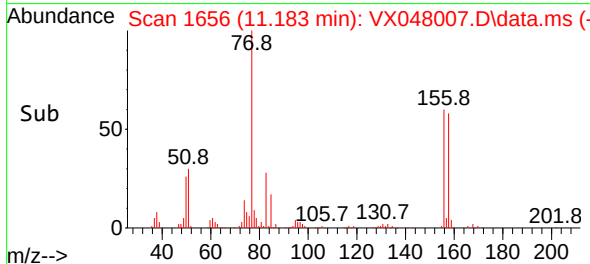
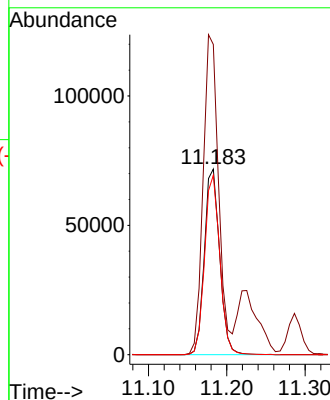
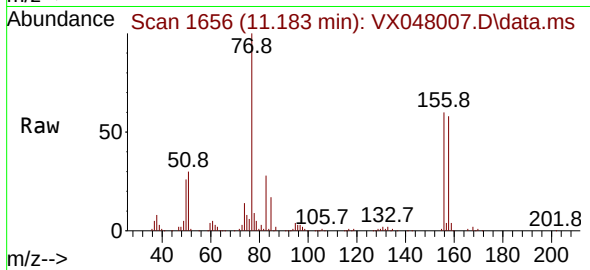
Tgt Ion:156 Resp: 97069

Ion Ratio Lower Upper

156 100

77 174.7 89.7 269.1

158 96.3 47.9 143.6



#78

n-propylbenzene

Concen: 51.642 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048007.D

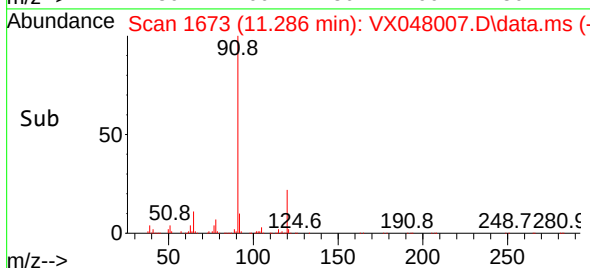
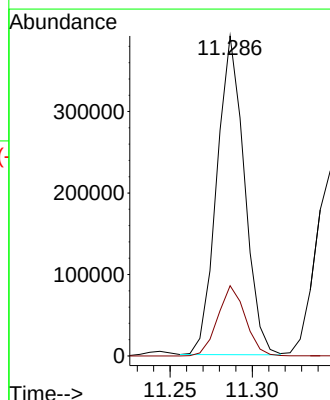
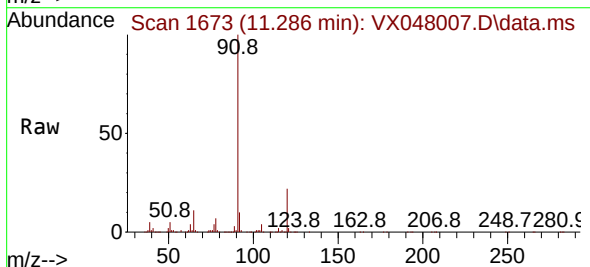
Acq: 03 Oct 2025 19:43

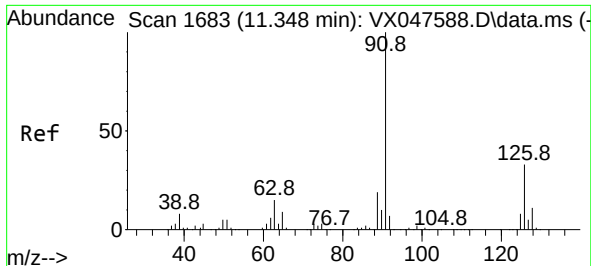
Tgt Ion: 91 Resp: 456676

Ion Ratio Lower Upper

91 100

120 22.0 11.1 33.1





#79

2-Chlorotoluene

Concen: 51.959 ug/l

RT: 11.347 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

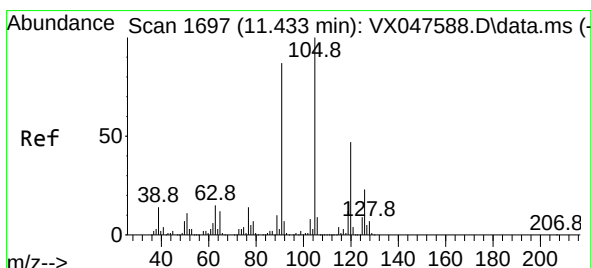
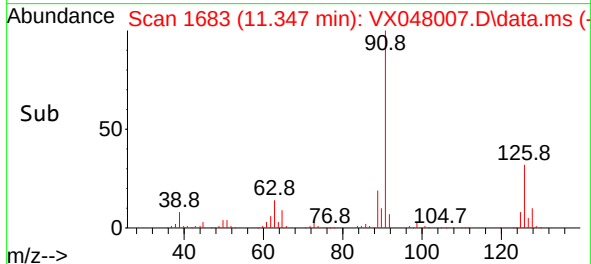
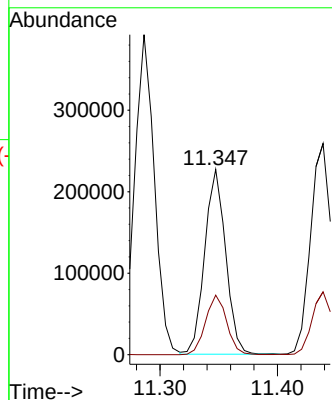
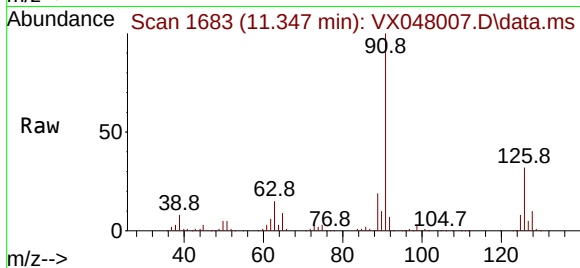
VSTDCCC050EC

Tgt Ion: 91 Resp: 281421

Ion Ratio Lower Upper

91 100

126 32.5 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 52.439 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048007.D

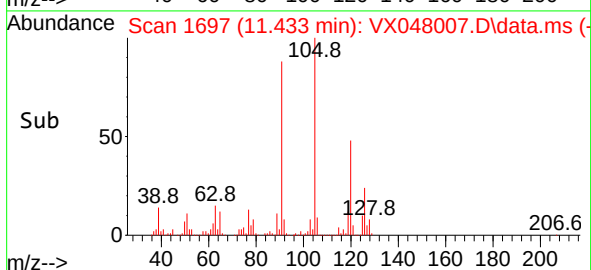
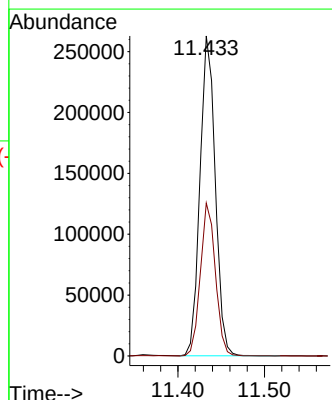
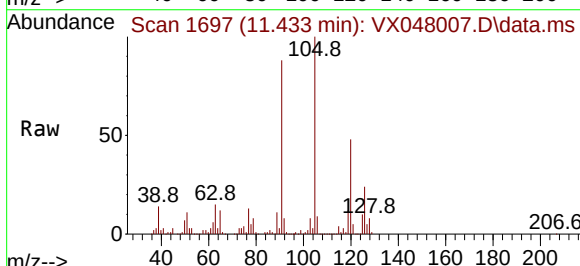
Acq: 03 Oct 2025 19:43

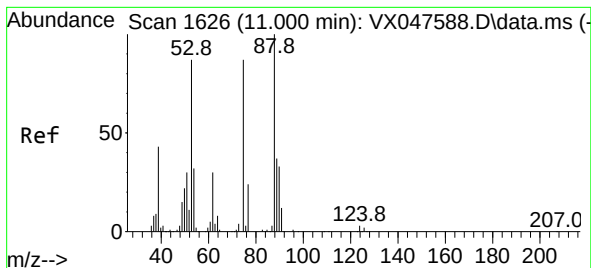
Tgt Ion:105 Resp: 322291

Ion Ratio Lower Upper

105 100

120 47.0 23.6 70.8

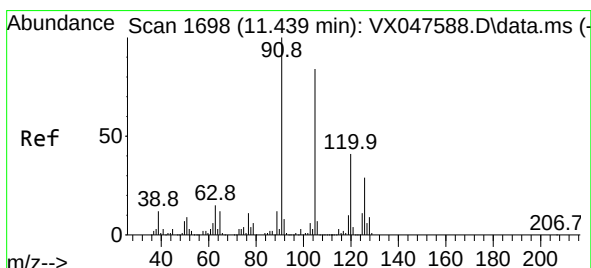
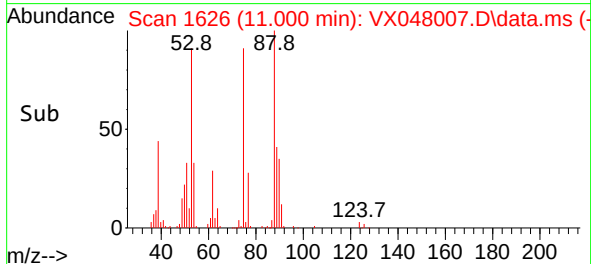
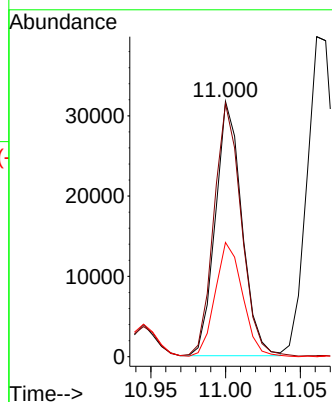
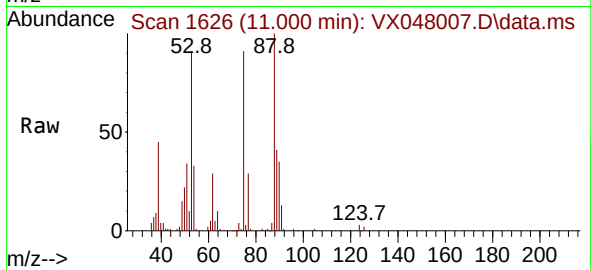




#81
trans-1,4-Dichloro-2-butene
Concen: 50.090 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

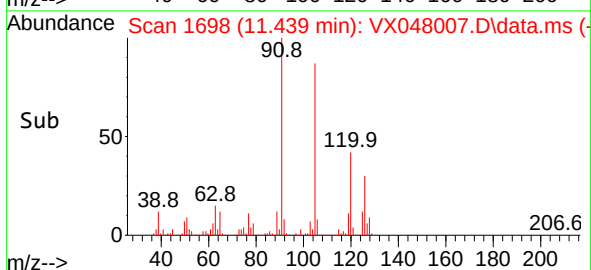
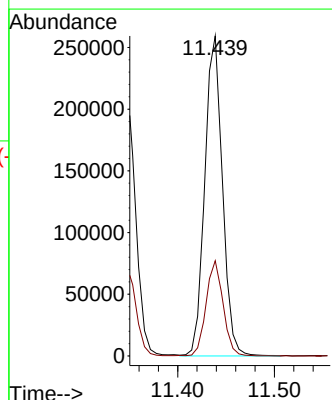
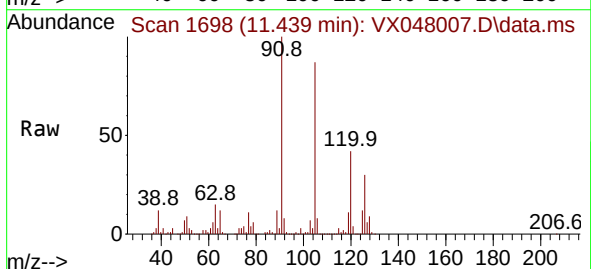
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

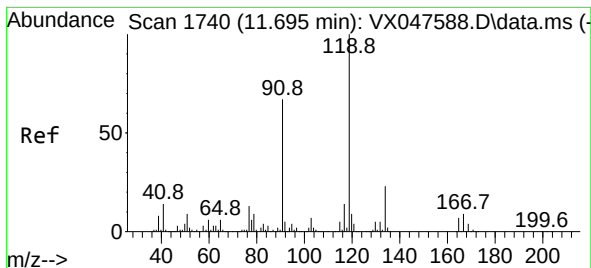
Tgt Ion: 75 Resp: 39131
Ion Ratio Lower Upper
75 100
53 102.2 83.4 125.2
89 46.4 36.3 54.5



#82
4-Chlorotoluene
Concen: 51.647 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 91 Resp: 330375
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.357 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

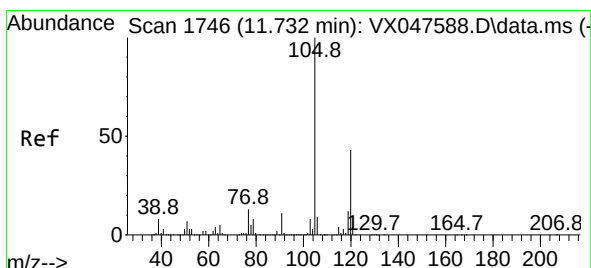
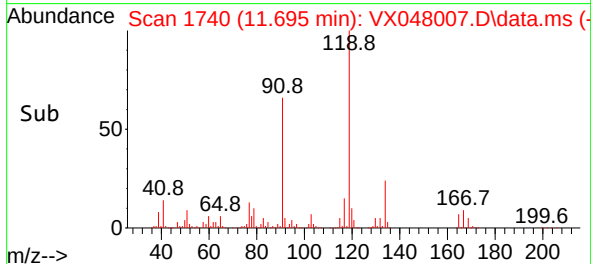
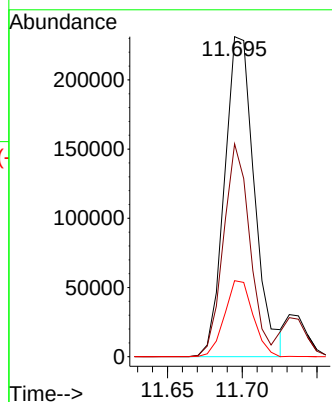
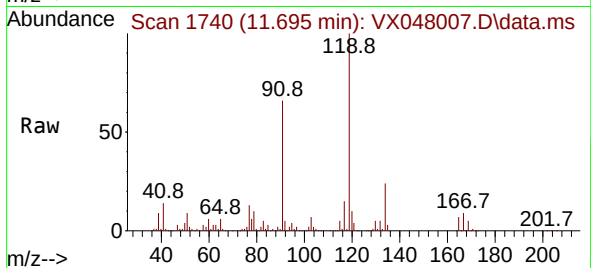
Tgt Ion:119 Resp: 323116

Ion Ratio Lower Upper

119 100

91 58.7 29.6 88.8

134 22.6 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 51.854 ug/l

RT: 11.731 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048007.D

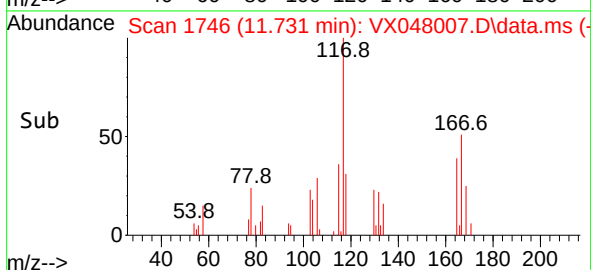
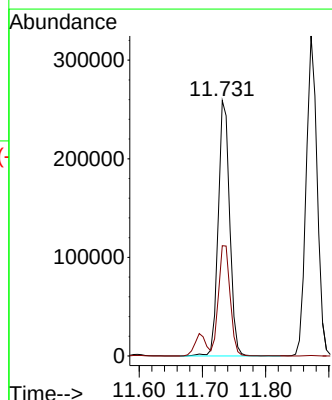
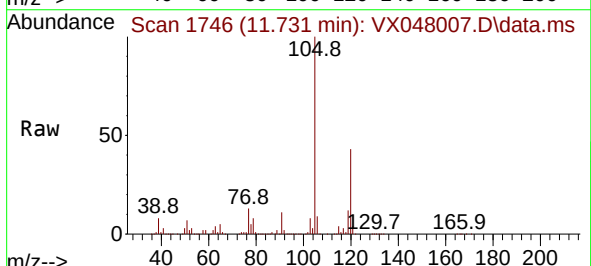
Acq: 03 Oct 2025 19:43

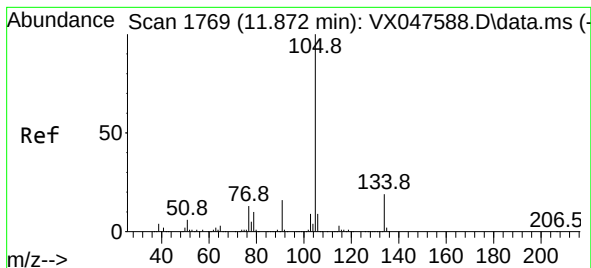
Tgt Ion:105 Resp: 323106

Ion Ratio Lower Upper

105 100

120 44.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 52.211 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

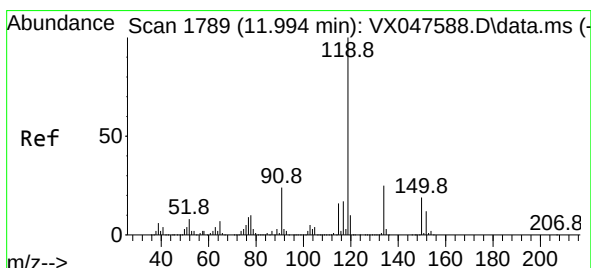
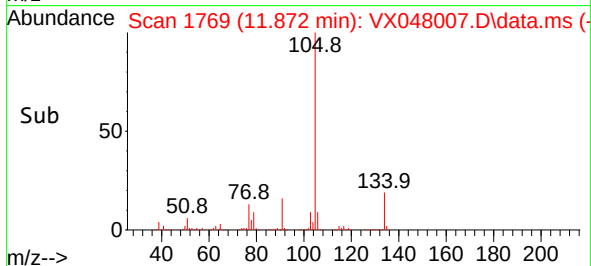
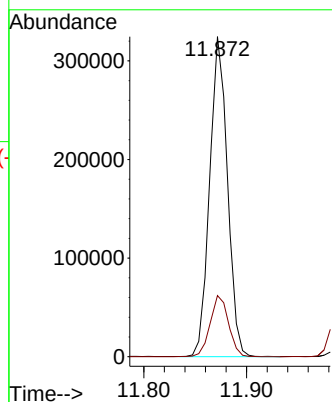
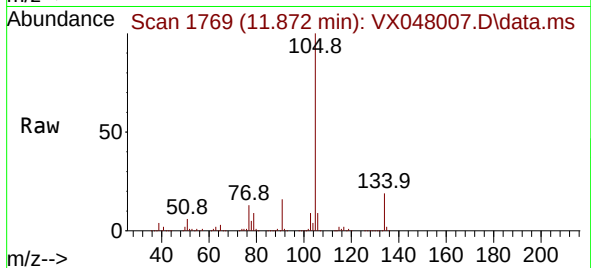
VSTDCCC050EC

Tgt Ion:105 Resp: 390181

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 51.810 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

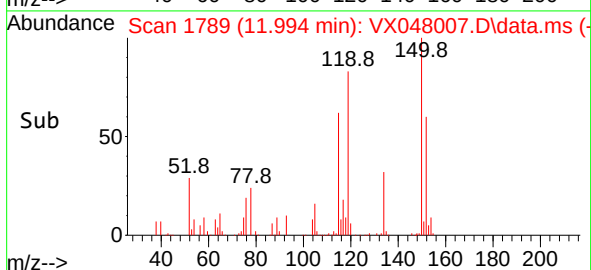
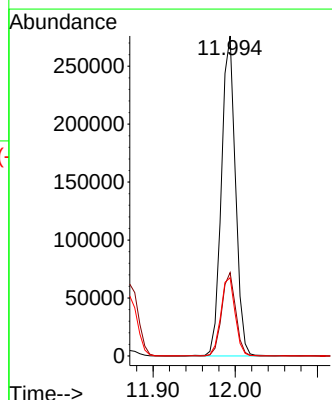
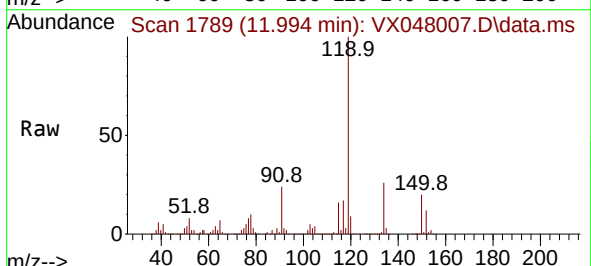
Tgt Ion:119 Resp: 327789

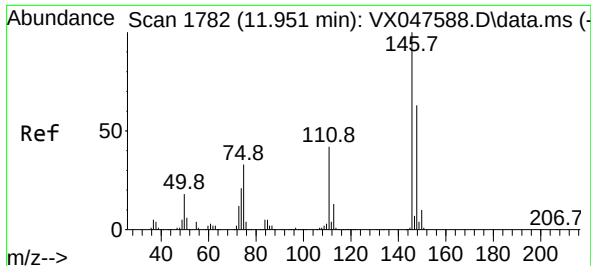
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 24.9 12.6 37.6

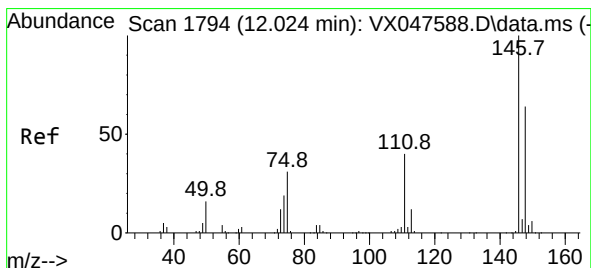
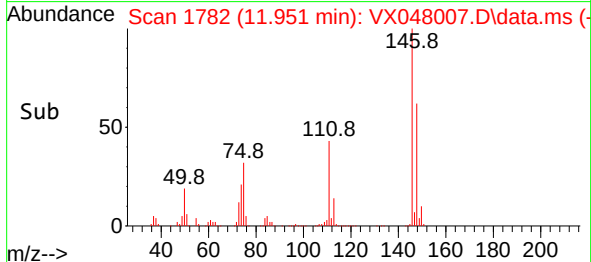
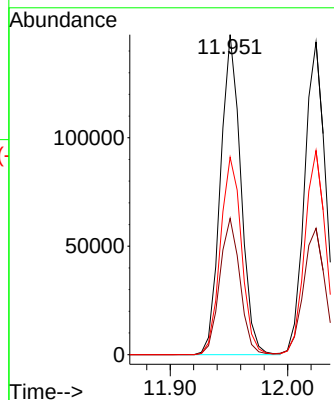
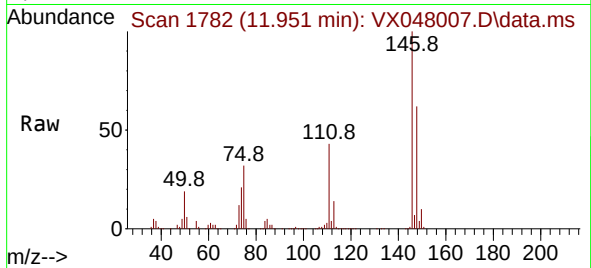




#87
1,3-Dichlorobenzene
Concen: 52.025 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

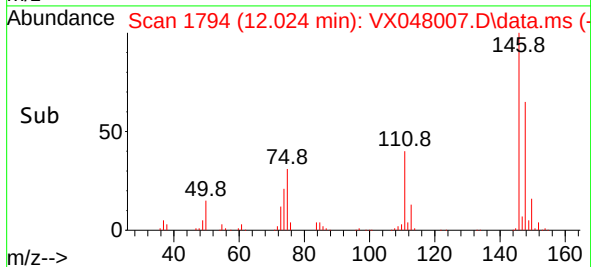
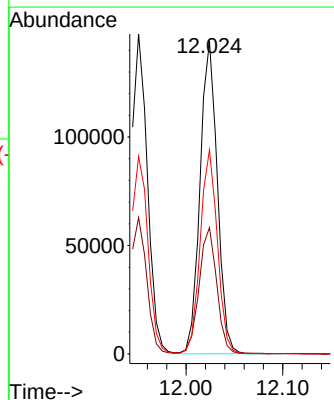
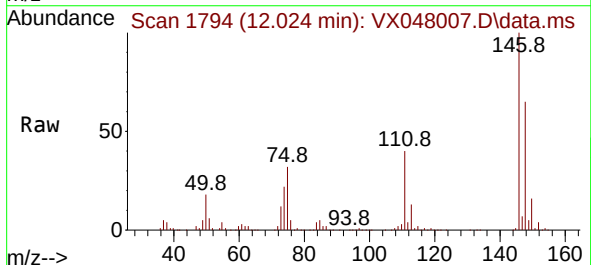
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

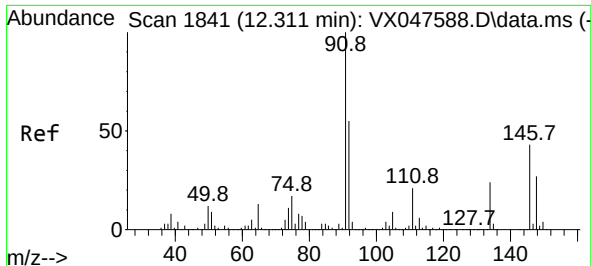
Tgt Ion:146 Resp: 178037
Ion Ratio Lower Upper
146 100
111 42.6 21.5 64.5
148 63.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 50.999 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion:146 Resp: 179124
Ion Ratio Lower Upper
146 100
111 41.4 20.8 62.4
148 65.4 31.7 95.1





#89

n-Butylbenzene

Concen: 51.628 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

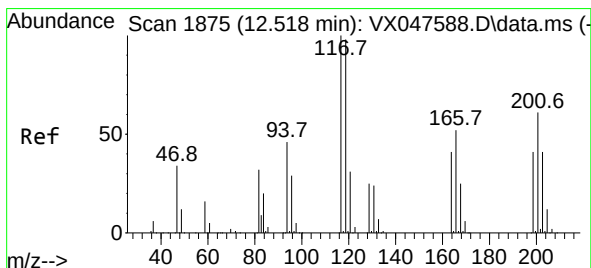
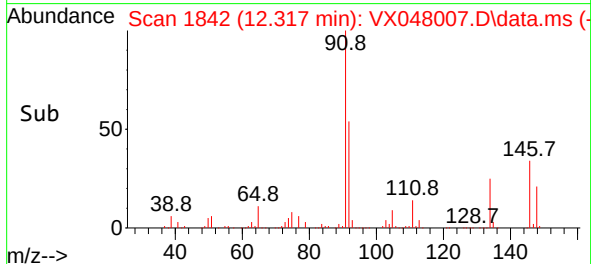
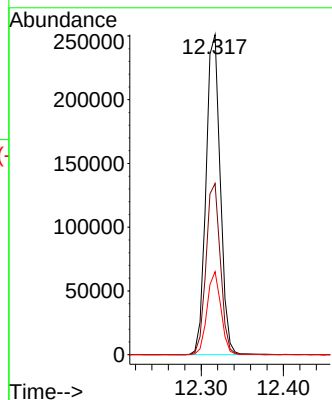
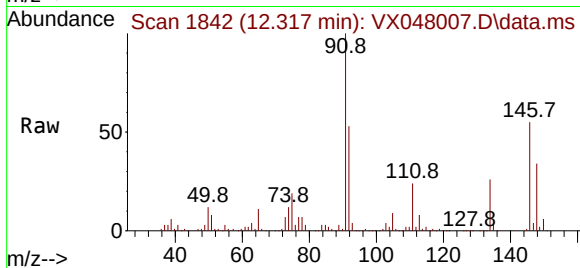
Tgt Ion: 91 Resp: 302237

Ion Ratio Lower Upper

91 100

92 53.7 27.6 82.7

134 25.3 12.6 37.8



#90

Hexachloroethane

Concen: 53.936 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048007.D

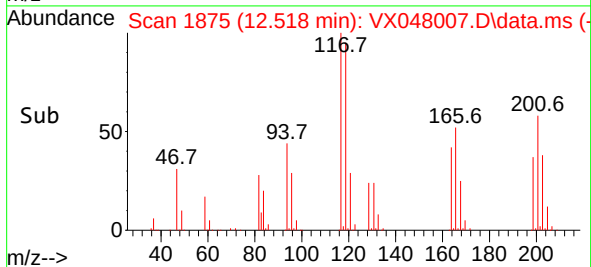
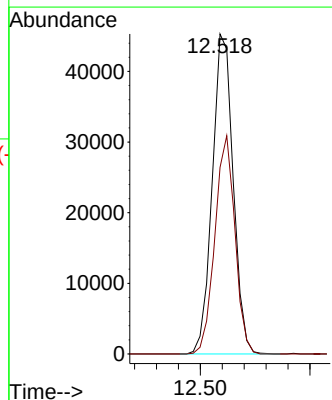
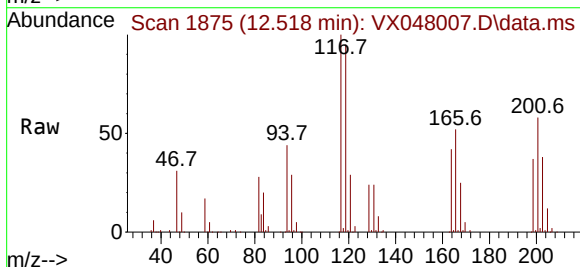
Acq: 03 Oct 2025 19:43

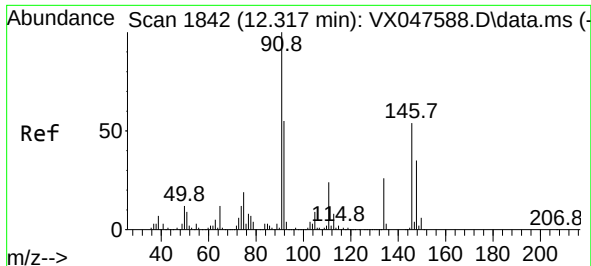
Tgt Ion: 117 Resp: 59911

Ion Ratio Lower Upper

117 100

201 65.6 34.2 102.5

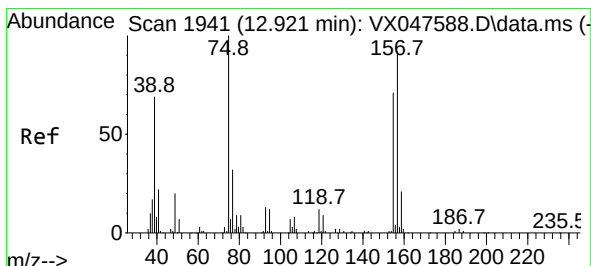
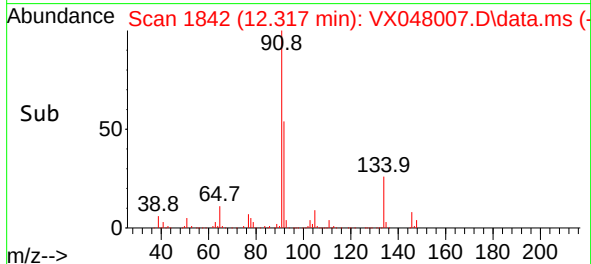
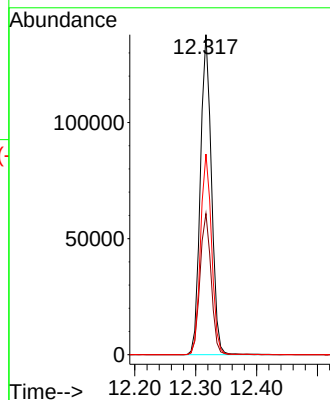
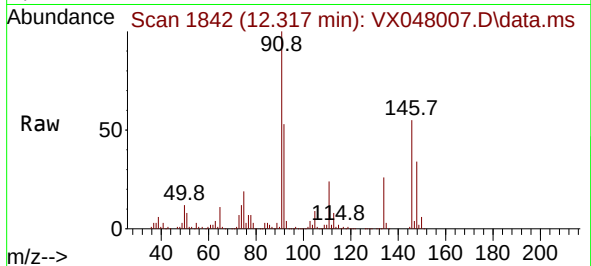




#91
1,2-Dichlorobenzene
Concen: 53.416 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

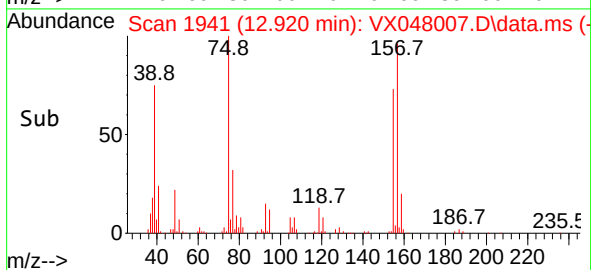
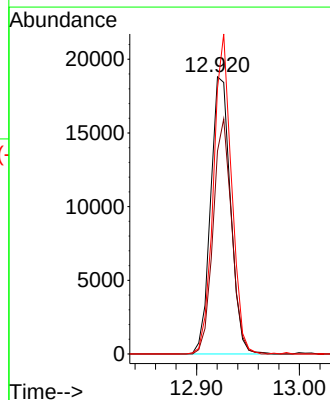
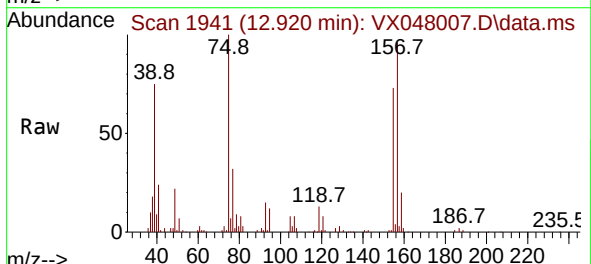
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

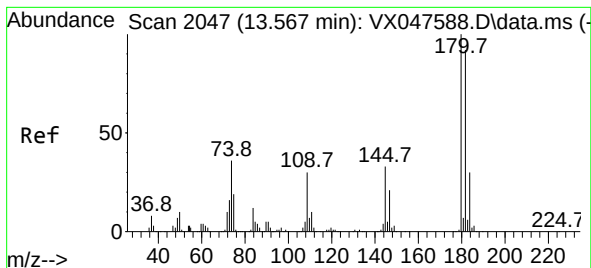
Tgt Ion:146 Resp: 174153
Ion Ratio Lower Upper
146 100
111 44.2 22.2 66.6
148 62.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.167 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion: 75 Resp: 25279
Ion Ratio Lower Upper
75 100
155 78.9 37.7 113.1
157 104.3 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 50.989 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

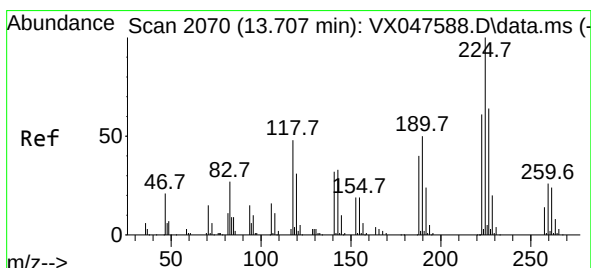
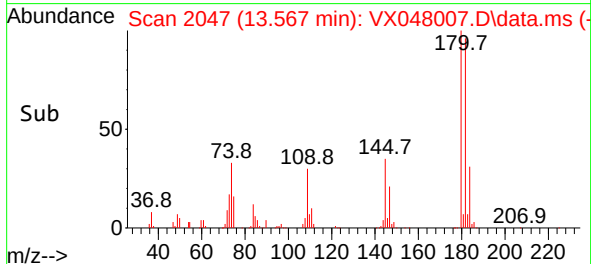
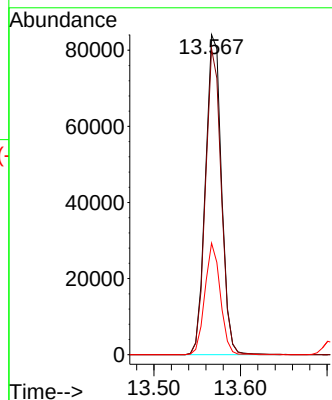
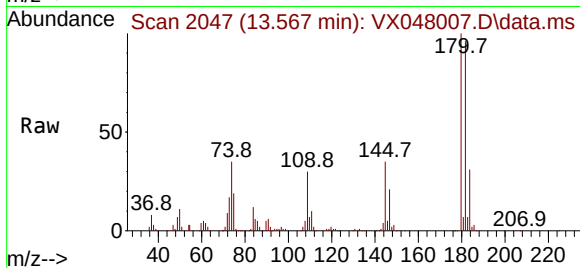
Tgt Ion:180 Resp: 108041

Ion Ratio Lower Upper

180 100

182 94.2 46.6 139.8

145 33.5 16.4 49.1



#94

Hexachlorobutadiene

Concen: 51.768 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048007.D

Acq: 03 Oct 2025 19:43

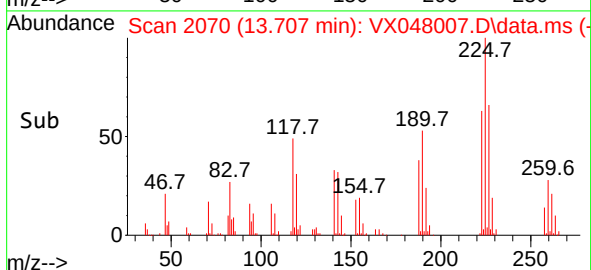
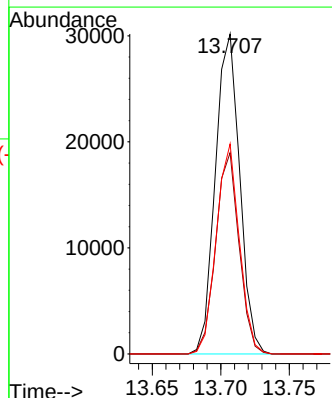
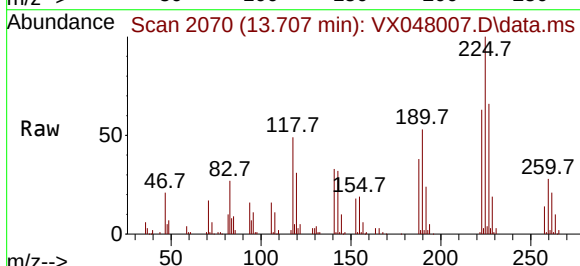
Tgt Ion:225 Resp: 37259

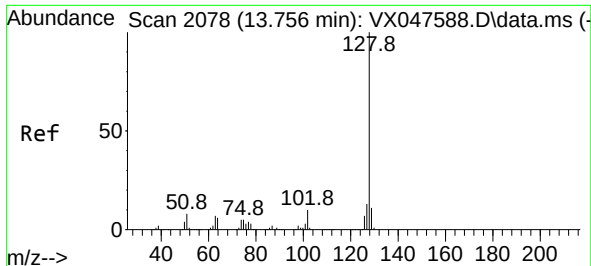
Ion Ratio Lower Upper

225 100

223 60.3 31.7 95.1

227 62.2 32.0 96.0

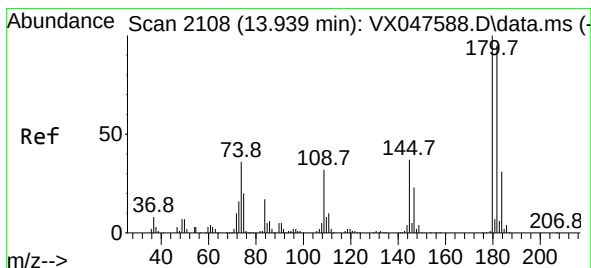
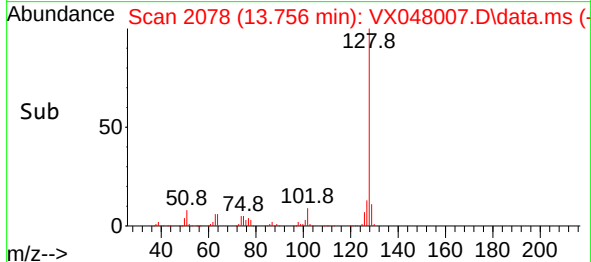
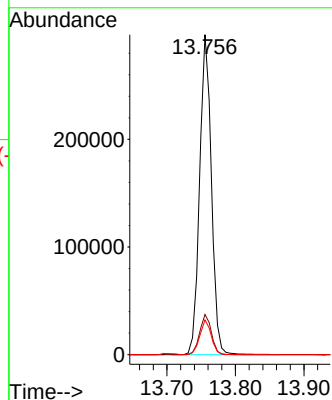
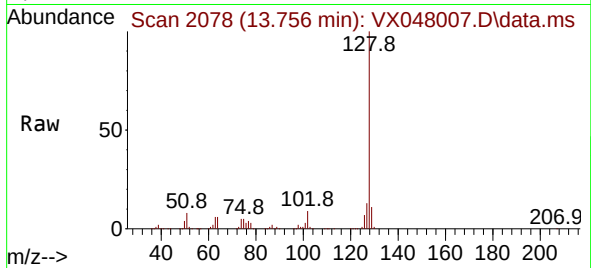




#95
Naphthalene
Concen: 55.115 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 355616
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.582 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048007.D
Acq: 03 Oct 2025 19:43

Tgt Ion:180 Resp: 105613
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.8
145 33.9 17.9 53.7

