

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082625\
 Data File : VX047530.D
 Acq On : 26 Aug 2025 13:09
 Operator : JC/MD
 Sample : Q2909-01
 Misc : 1.15g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 27 01:36:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	170914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	337500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	162242	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	136016	56.863	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.720%	
35) Dibromofluoromethane	5.391	113	112026	51.144	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.280%	
50) Toluene-d8	8.646	98	415890	53.121	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	11.079	95	170233	58.923	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.840%	

Target Compounds

						Qvalue
3) Chloromethane	1.312	50	1255	0.640	ug/l #	78
5) Bromomethane	1.617	94	1668	1.679	ug/l #	68
6) Chloroethane	1.678	64	520	0.345	ug/l #	77
10) Methyl Iodide	2.459	142	21613	5.975	ug/l	95
11) Tert butyl alcohol	2.952	59	495	2.379	ug/l #	72
13) Acrolein	2.257	56	235	0.535	ug/l #	1
14) Allyl chloride	2.702	41	3628	0.971	ug/l #	65
16) Acetone	2.410	43	22331	24.837	ug/l	95
17) Carbon Disulfide	2.513	76	5520	0.850	ug/l #	95
18) Methyl Acetate	2.727	43	21676	9.303	ug/l #	86
20) Methylene Chloride	2.800	84	2373	0.997	ug/l	86
29) Tetrahydrofuran	5.056	42	333	0.438	ug/l #	56
31) Cyclohexane	5.507	56	8091	2.102	ug/l #	45
36) 1,1-Dichloropropene	5.556	75	13528	3.912	ug/l #	51
38) Carbon Tetrachloride	5.562	117	16841	4.457	ug/l #	15
39) Methylcyclohexane	7.385	83	5100	1.182	ug/l	92
43) Isopropyl Acetate	6.354	43	1088	0.211	ug/l #	62
48) Methyl methacrylate	7.659	41	1295	0.484	ug/l	93
49) 1,4-Dioxane	7.726	88	74	2.844	ug/l #	22
51) 4-Methyl-2-Pentanone	8.586	43	1406	0.474	ug/l	88
52) Toluene	8.720	92	883277	138.114	ug/l	100
53) t-1,3-Dichloropropene	8.714	75	10632	3.122	ug/l #	1
56) Ethyl methacrylate	9.134	69	1822	0.509	ug/l #	26
58) 2-Chloroethyl Vinyl ether	8.262	63	19	8.366	ug/l #	46
59) 2-Hexanone	9.390	43	2136	1.041	ug/l #	25
64) Tetrachloroethene	9.281	164	734	0.311	ug/l #	90
67) Ethyl Benzene	10.195	91	45822	3.435	ug/l	97
68) m/p-Xylenes	10.299	106	66095	13.287	ug/l	97
69) o-Xylene	10.640	106	25044	5.232	ug/l	95
70) Styrene	10.646	104	2961	0.366	ug/l #	1
73) Isopropylbenzene	10.963	105	8985	0.708	ug/l	99
74) N-amyl acetate	10.853	43	5182	1.075	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.195	83	2638	0.708	ug/l #	76
76) 1,2,3-Trichloropropane	11.079	75	87432	29.382	ug/l #	39
78) n-propylbenzene	11.305	91	30650	2.021	ug/l	99
79) 2-Chlorotoluene	11.378	91	14035	1.531	ug/l #	47

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

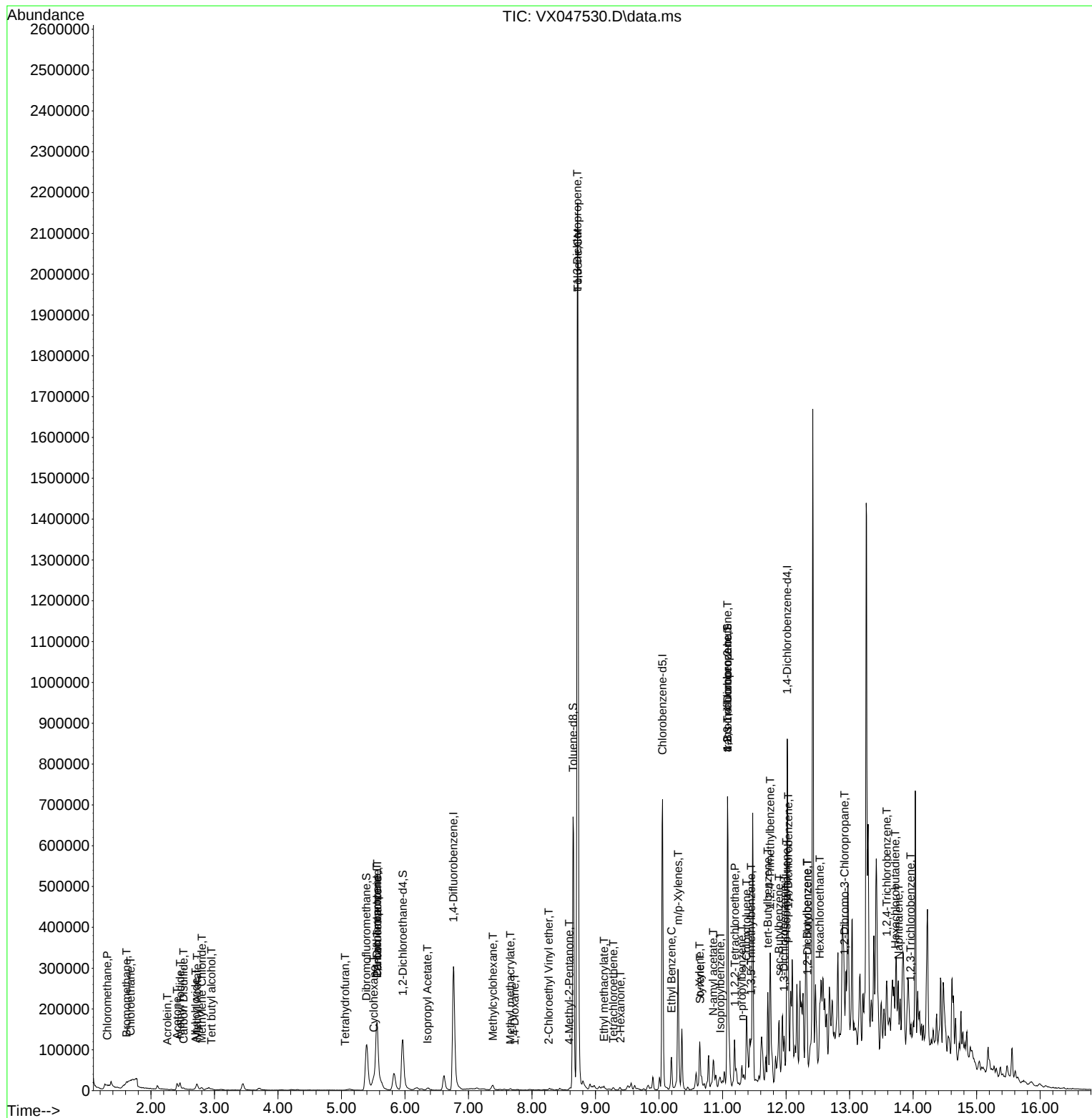
80) 1,3,5-Trimethylbenzene	11.451	105	34104	3.265	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	87432	115.493	ug/l #	9
83) tert-Butylbenzene	11.713	119	2789	0.268	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	123855	11.856	ug/l	100
85) sec-Butylbenzene	11.890	105	23342	1.807	ug/l	92
86) p-Isopropyltoluene	12.006	119	14541	1.330	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	1483	0.250	ug/l #	67
88) 1,4-Dichlorobenzene	12.036	146	1917	0.315	ug/l #	1
89) n-Butylbenzene	12.329	91	47081	4.631	ug/l #	58
90) Hexachloroethane	12.530	117	4688	2.445	ug/l #	22
91) 1,2-Dichlorobenzene	12.335	146	1125	0.200	ug/l #	65
92) 1,2-Dibromo-3-Chloropr...	12.920	75	579	0.803	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.585	180	3527	0.936	ug/l #	46
94) Hexachlorobutadiene	13.719	225	2618	1.952	ug/l	97
95) Naphthalene	13.774	128	30444	2.827	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	4173	1.175	ug/l #	32

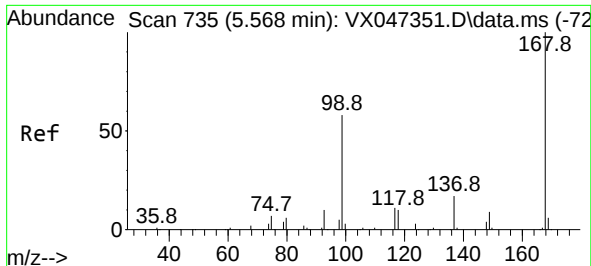
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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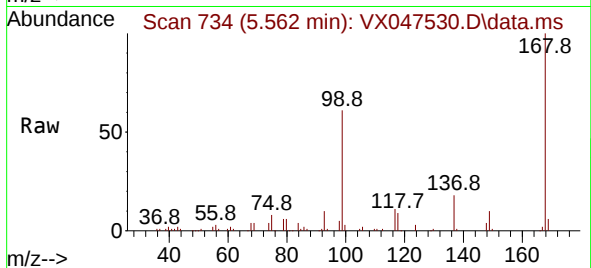
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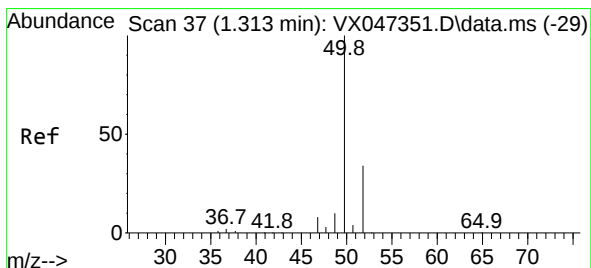
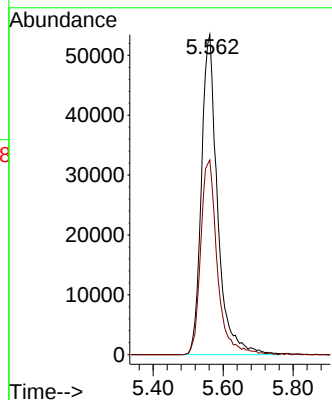
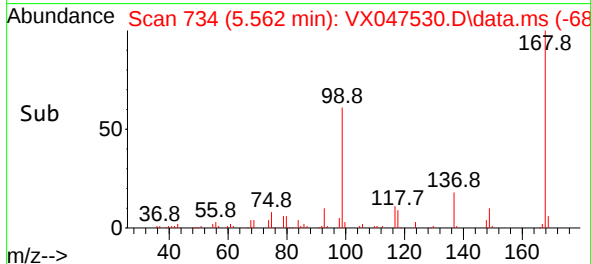


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :

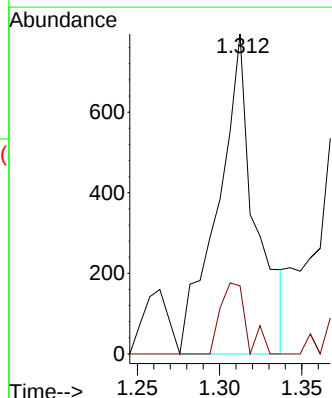
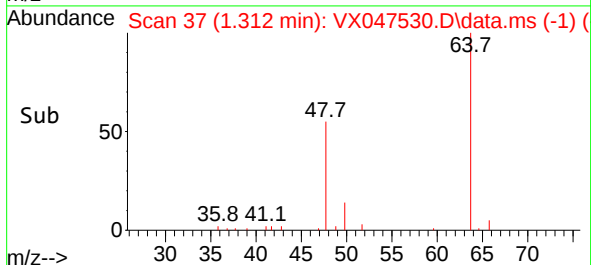
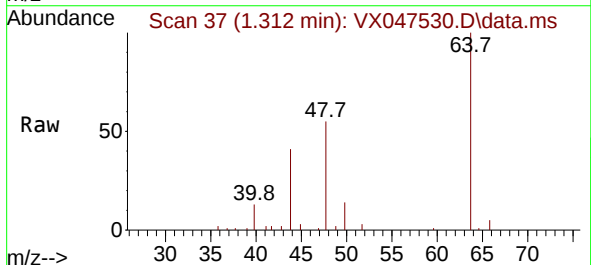


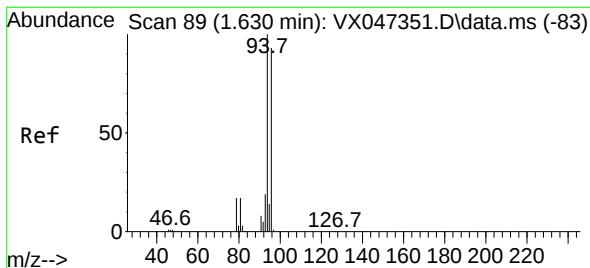
Tgt Ion:168 Resp: 170914
Ion Ratio Lower Upper
168 100
99 60.8 47.9 71.9



#3
Chloromethane
Concen: 0.640 ug/l
RT: 1.312 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion: 50 Resp: 1255
Ion Ratio Lower Upper
50 100
52 21.3 27.0 40.4#





#5

Bromomethane

Concen: 1.679 ug/l

RT: 1.617 min Scan# 81

Delta R.T. -0.012 min

Lab File: VX047530.D

Acq: 26 Aug 2025 13:09

Instrument :

MSVOA_X

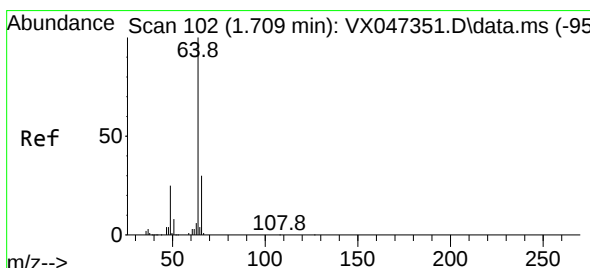
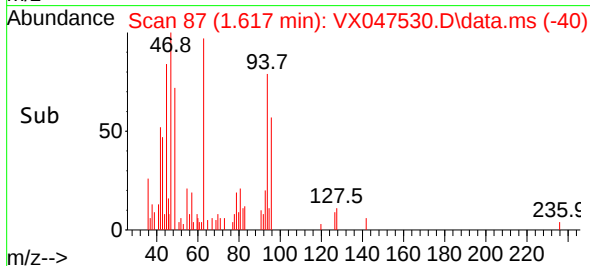
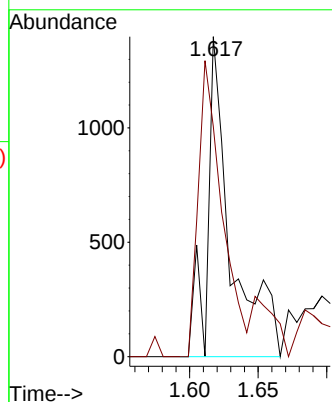
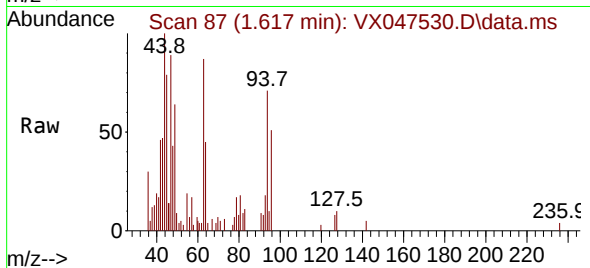
ClientSampleId :

Tgt Ion: 94 Resp: 1668

Ion Ratio Lower Upper

94 100

96 63.0 74.7 112.1#



#6

Chloroethane

Concen: 0.345 ug/l

RT: 1.678 min Scan# 97

Delta R.T. -0.031 min

Lab File: VX047530.D

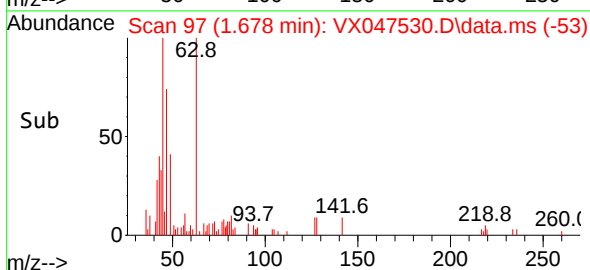
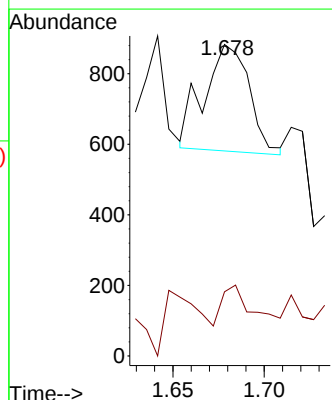
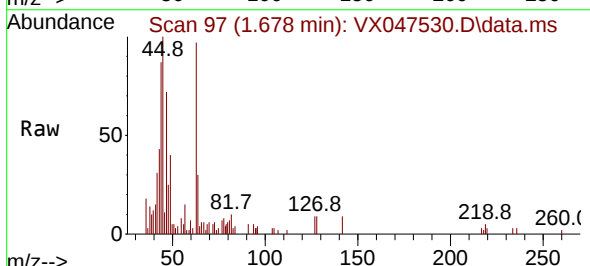
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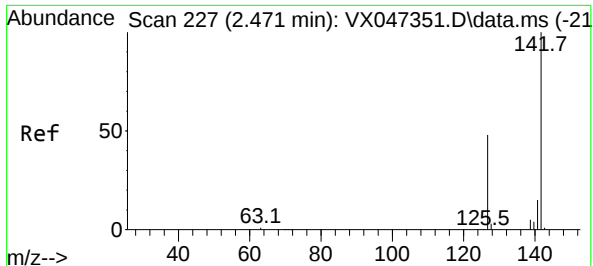
Tgt Ion: 64 Resp: 520

Ion Ratio Lower Upper

64 100

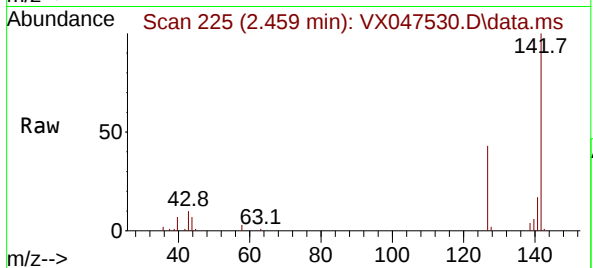
66 17.9 24.4 36.6#



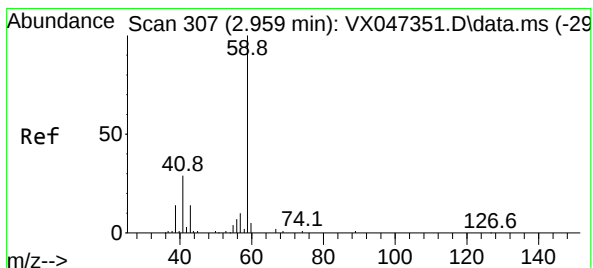
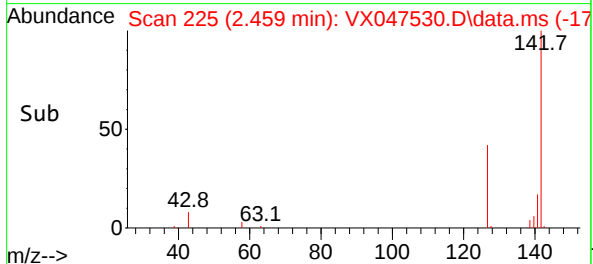
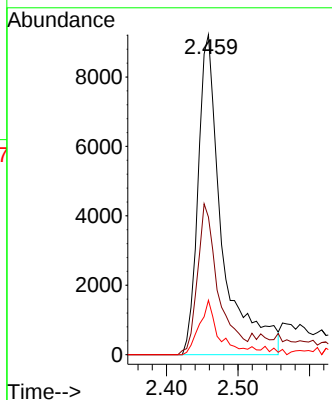


#10
Methyl Iodide
Concen: 5.975 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :

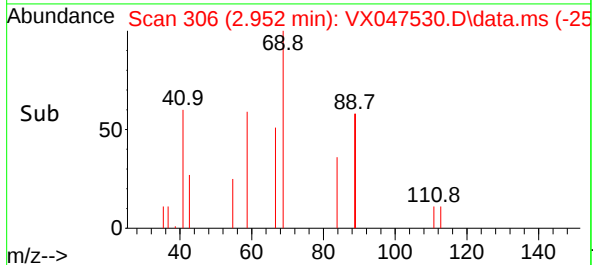
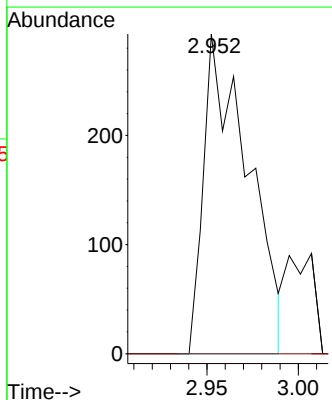
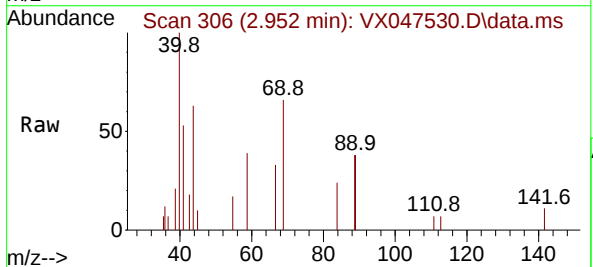


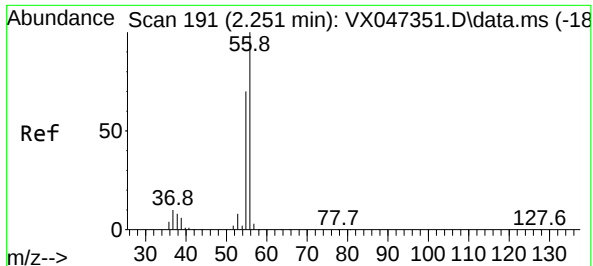
Tgt Ion:142 Resp: 21613
Ion Ratio Lower Upper
142 100
127 41.1 36.1 54.1
141 13.5 11.1 16.7



#11
Tert butyl alcohol
Concen: 2.379 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion: 59 Resp: 495
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

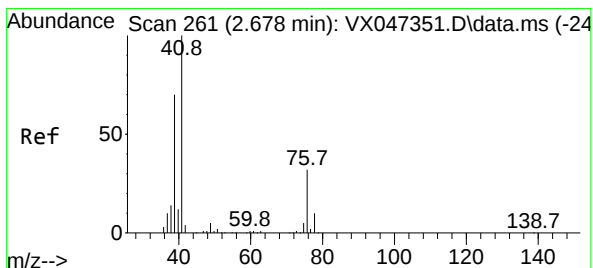
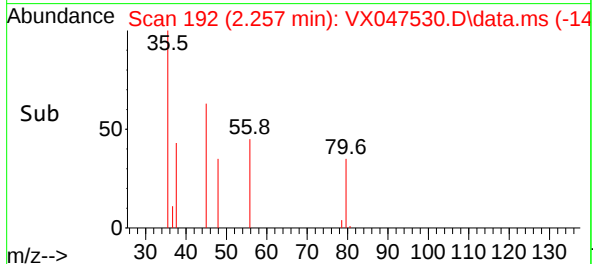
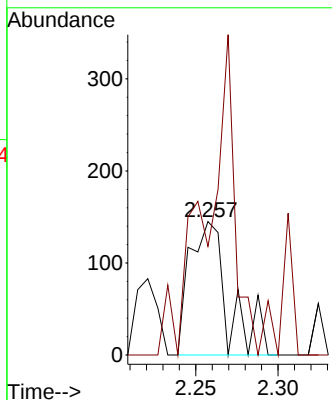
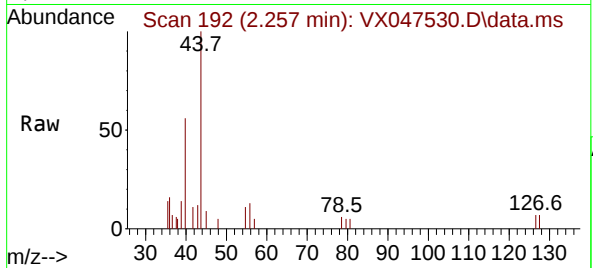




#13
Acrolein
Concen: 0.535 ug/l
RT: 2.257 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

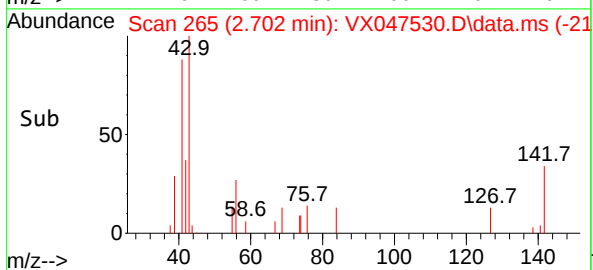
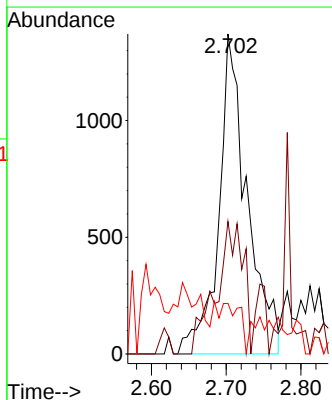
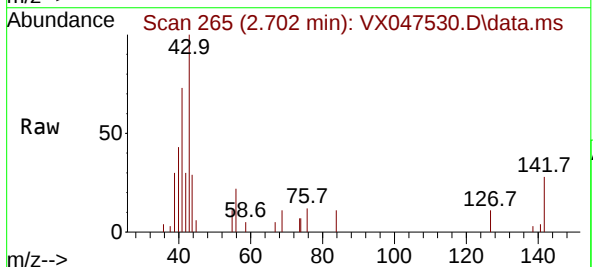
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ClientSampleId :

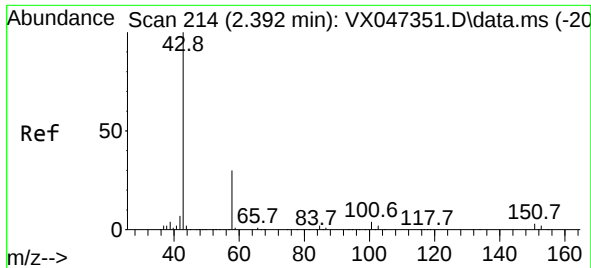
Tgt Ion: 56 Resp: 235
Ion Ratio Lower Upper
56 100
55 181.3 55.5 83.3#



#14
Allyl chloride
Concen: 0.971 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.024 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion: 41 Resp: 3628
Ion Ratio Lower Upper
41 100
39 39.6 54.6 81.8#
76 13.8 27.6 41.4#

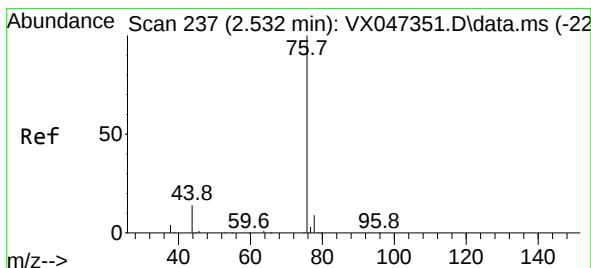
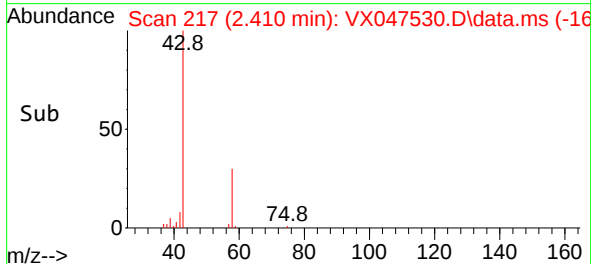
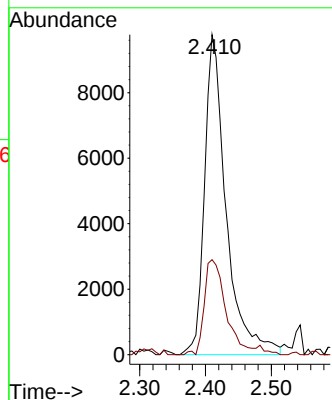
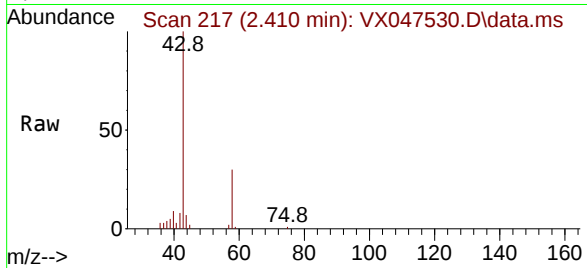




#16
Acetone
Concen: 24.837 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX047530.D
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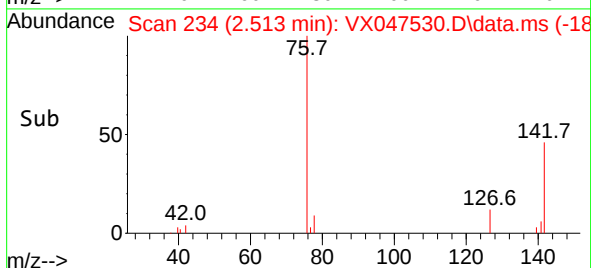
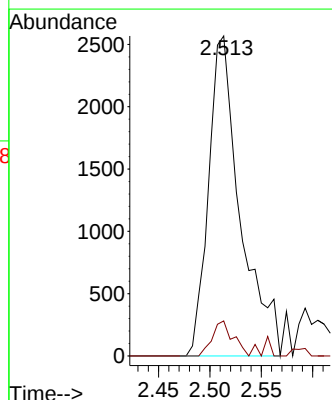
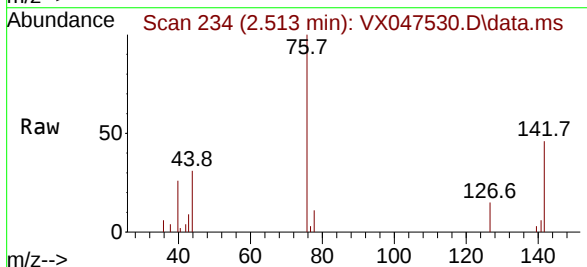
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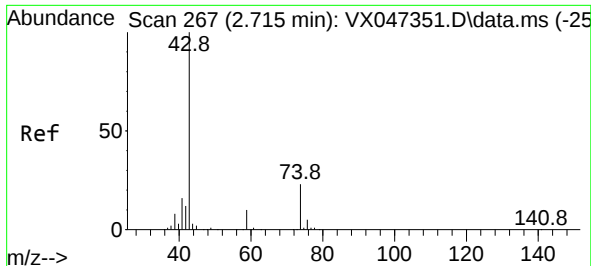
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Ion Ratio Lower Upper
43 100
58 28.4 24.8 37.2



#17
Carbon Disulfide
Concen: 0.850 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.018 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion: 76 Resp: 5520
Ion Ratio Lower Upper
76 100
78 10.9 7.2 10.8#

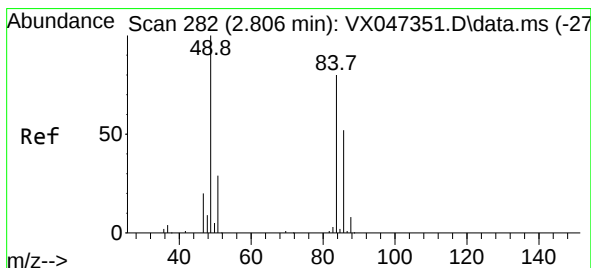
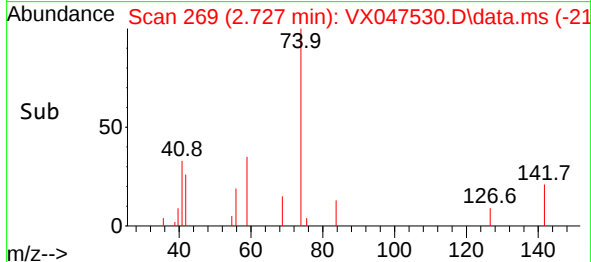
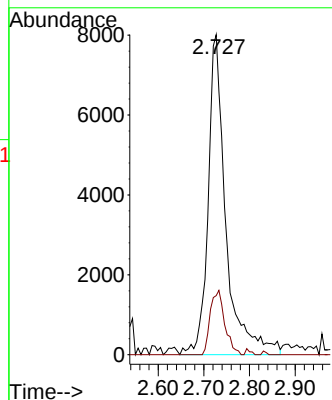
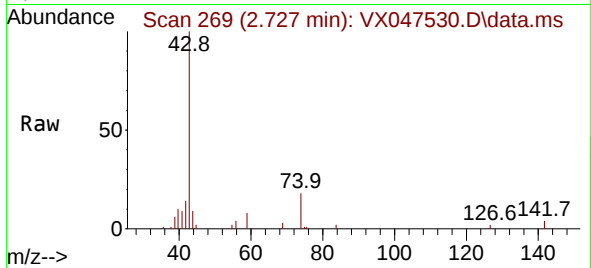




#18
Methyl Acetate
Concen: 9.303 ug/l
RT: 2.727 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

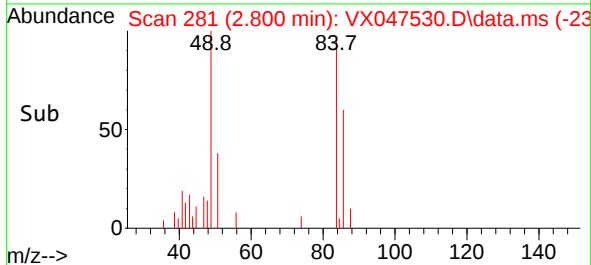
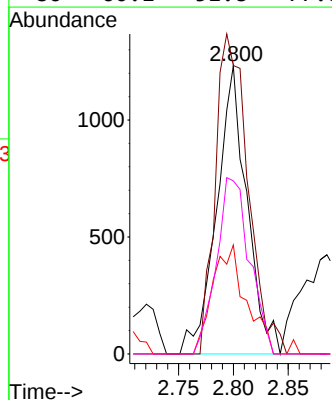
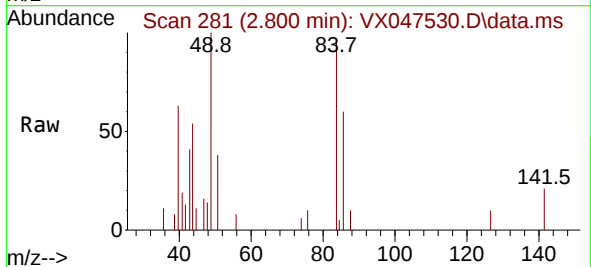
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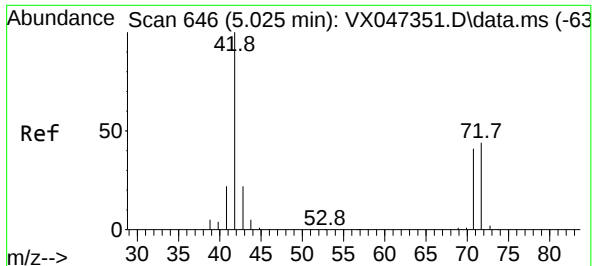
Tgt Ion: 43 Resp: 21676
Ion Ratio Lower Upper
43 100
74 16.4 18.4 27.6#



#20
Methylene Chloride
Concen: 0.997 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion: 84 Resp: 2373
Ion Ratio Lower Upper
84 100
49 100.1 100.1 150.1
51 37.8 29.5 44.3
86 60.1 51.8 77.8





#29

Tetrahydrofuran

Concen: 0.438 ug/l

RT: 5.056 min Scan# 61

Delta R.T. 0.030 min

Lab File: VX047530.D

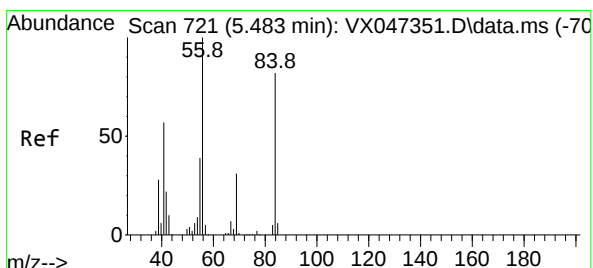
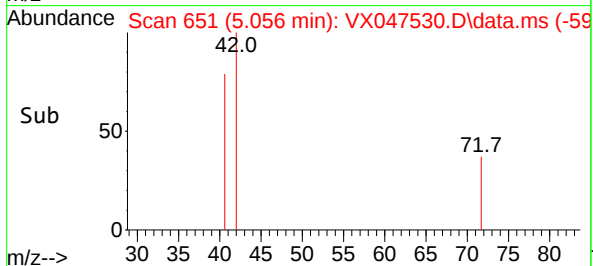
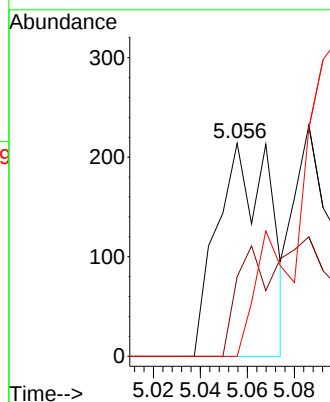
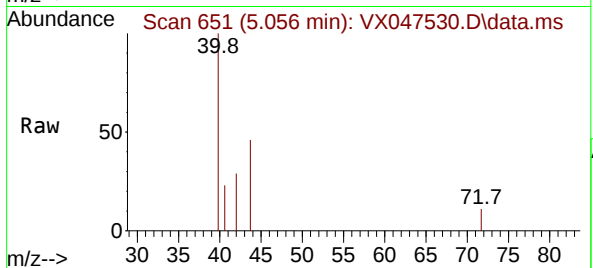
Acq: 26 Aug 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 42	Resp: 333
Ion Ratio	Lower Upper
42	100
72	28.2 34.6 51.8#
71	0.0 32.6 49.0#



#31

Cyclohexane

Concen: 2.102 ug/l

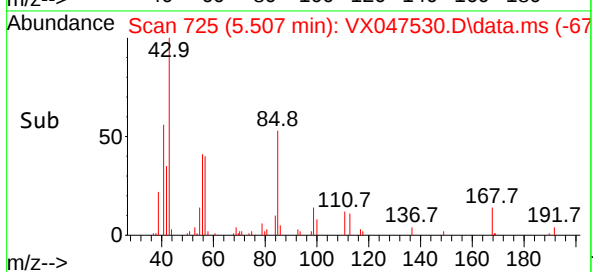
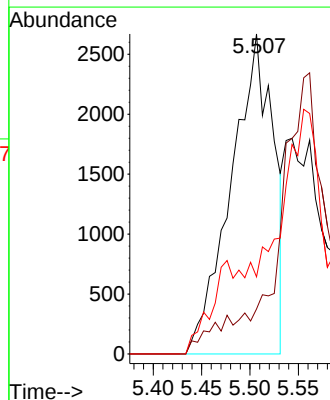
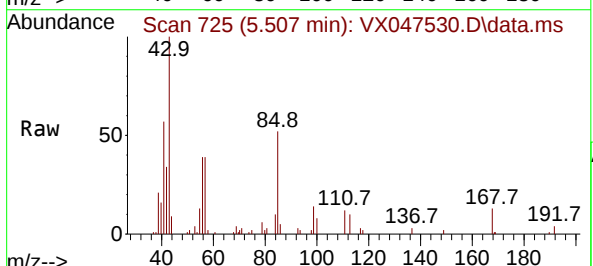
RT: 5.507 min Scan# 725

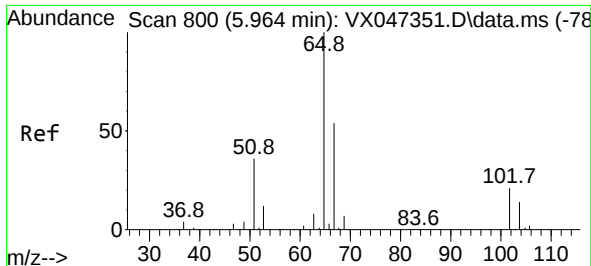
Delta R.T. 0.024 min

Lab File: VX047530.D

Acq: 26 Aug 2025 13:09

Tgt Ion: 56	Resp: 8091
Ion Ratio	Lower Upper
56	100
69	14.0 24.3 36.5#
84	24.1 65.3 97.9#





#33

1,2-Dichloroethane-d4

Concen: 56.863 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX047530.D

Acq: 26 Aug 2025 13:09

Instrument :

MSVOA_X

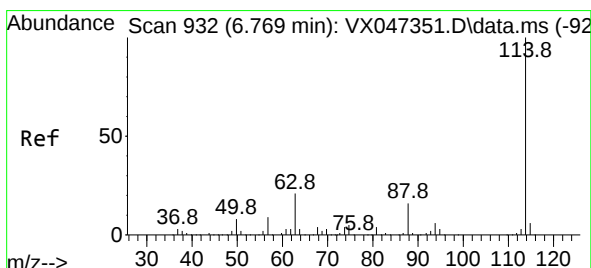
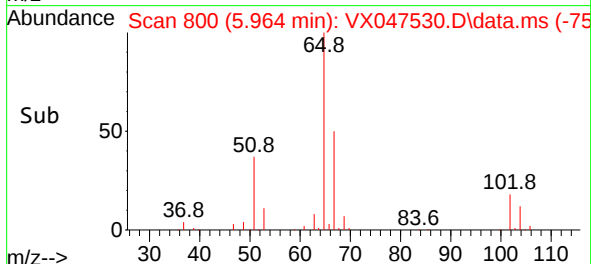
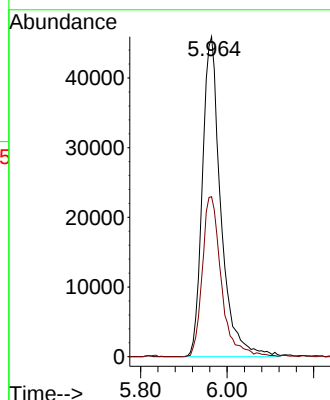
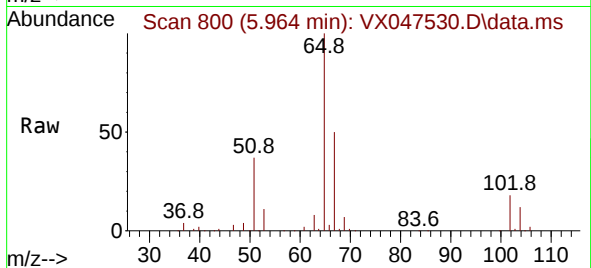
ClientSampleId :

Tgt Ion: 65 Resp: 136016

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047530.D

Acq: 26 Aug 2025 13:09

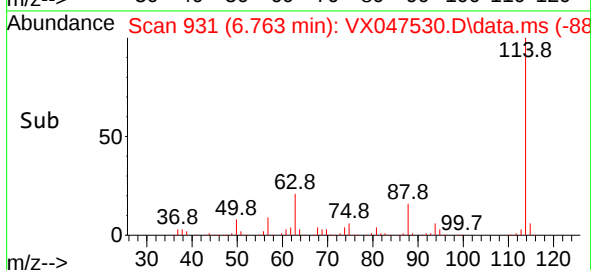
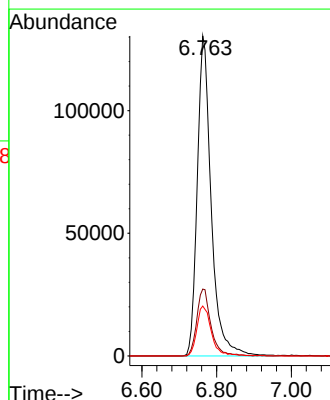
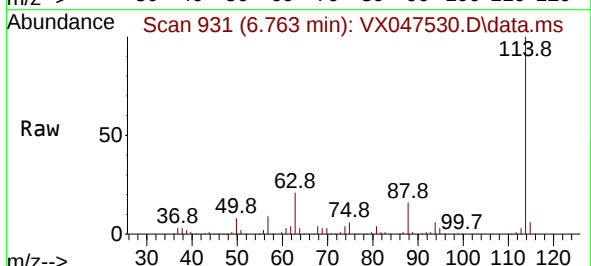
Tgt Ion: 114 Resp: 337500

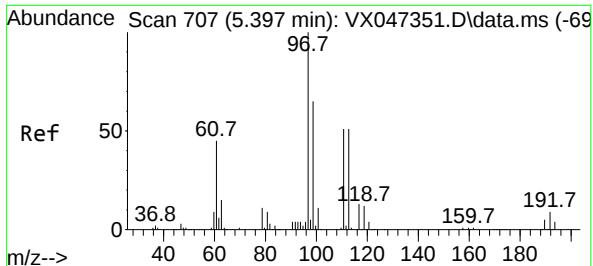
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

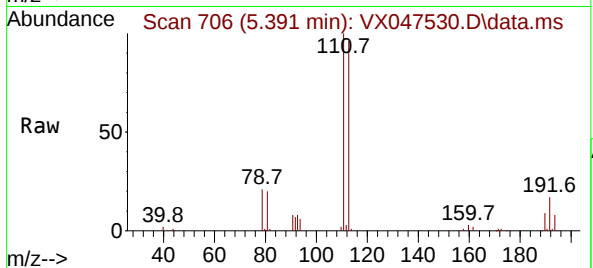
88 15.6 0.0 33.0



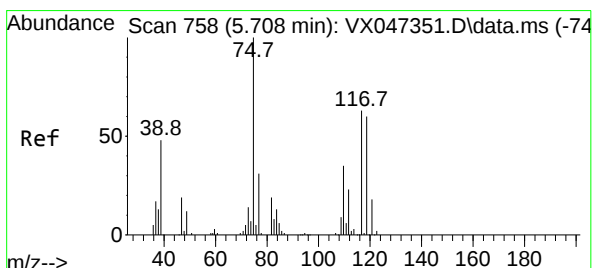
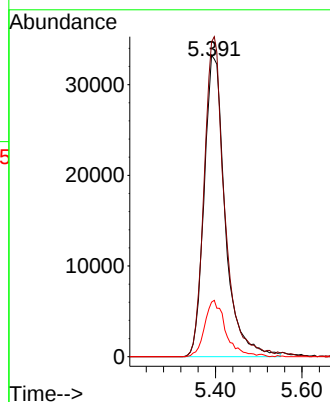
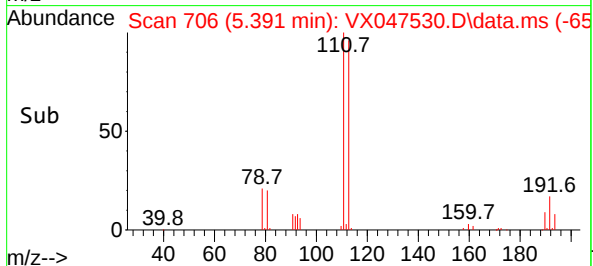


#35
Dibromofluoromethane
Concen: 51.144 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

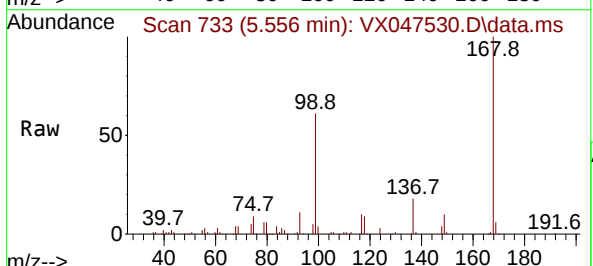
Instrument :
MSVOA_X
ClientSampleId :



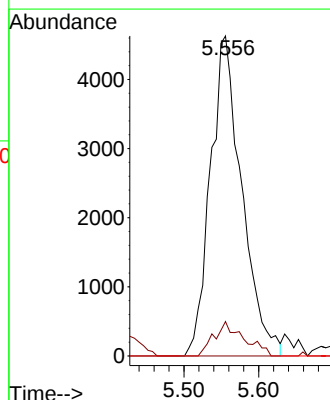
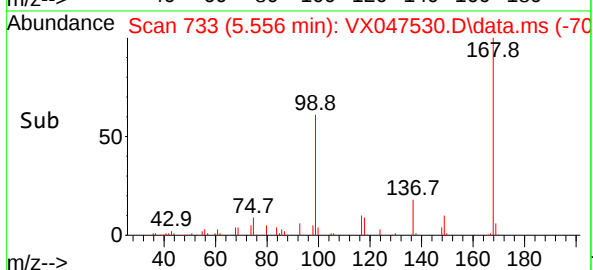
Tgt Ion:113 Resp: 112026
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.2
192 18.6 14.1 21.1

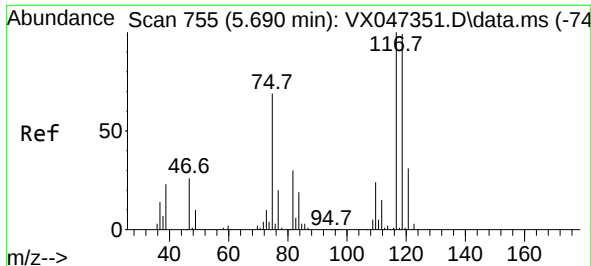


#36
1,1-Dichloropropene
Concen: 3.912 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.153 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09



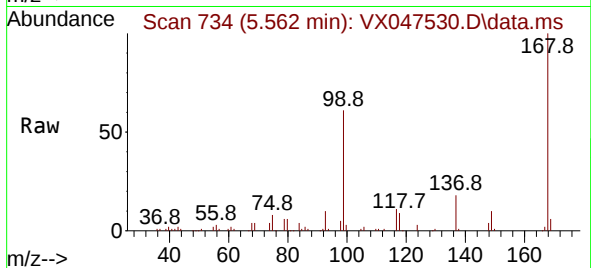
Tgt Ion: 75 Resp: 13528
Ion Ratio Lower Upper
75 100
110 10.2 17.4 52.2#
77 0.0 24.4 36.6#



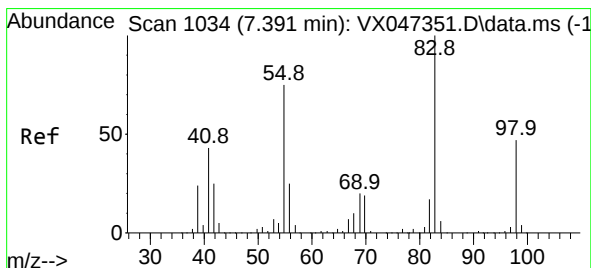
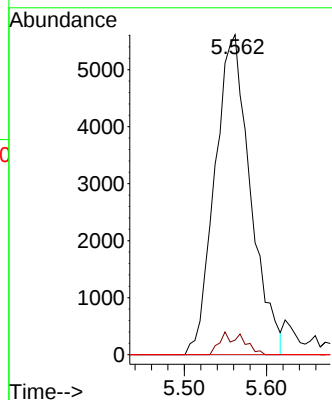
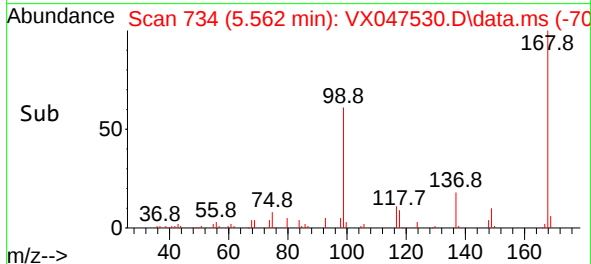


#38
Carbon Tetrachloride
Concen: 4.457 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :

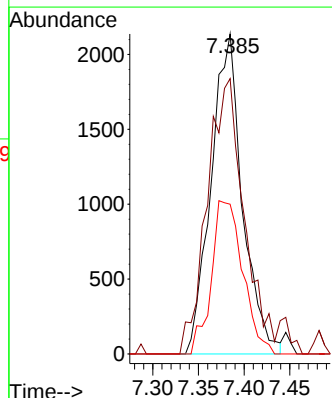
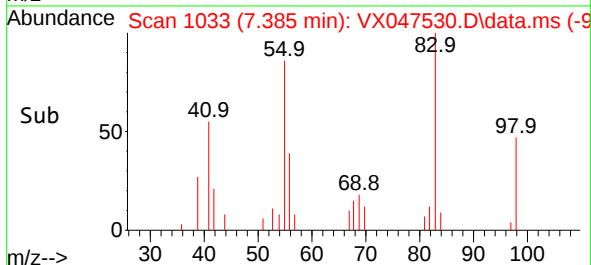
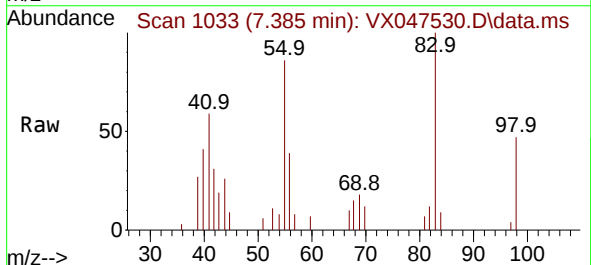


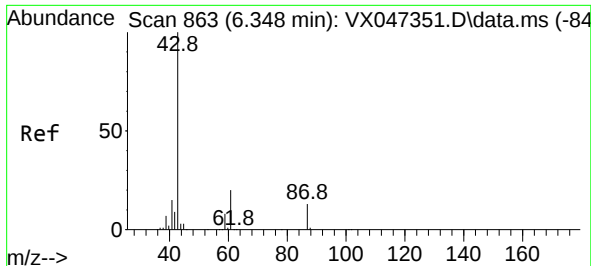
Tgt Ion:117 Resp: 16841
Ion Ratio Lower Upper
117 100
119 4.6 78.5 117.7#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 1.182 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

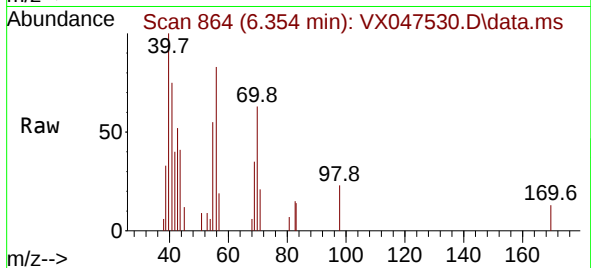
Tgt Ion: 83 Resp: 5100
Ion Ratio Lower Upper
83 100
55 86.1 60.0 90.0
98 46.8 37.2 55.8



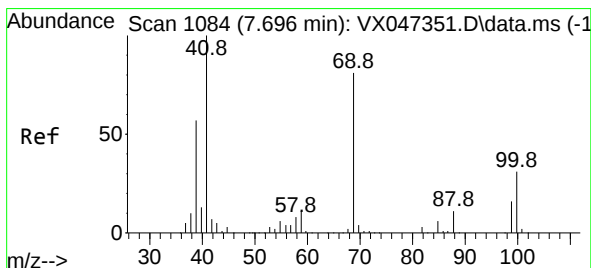
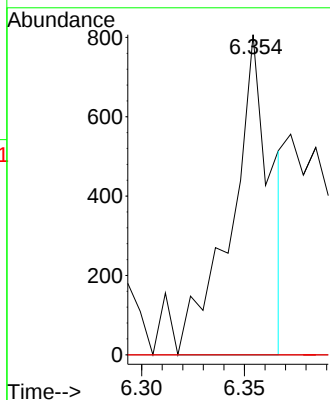
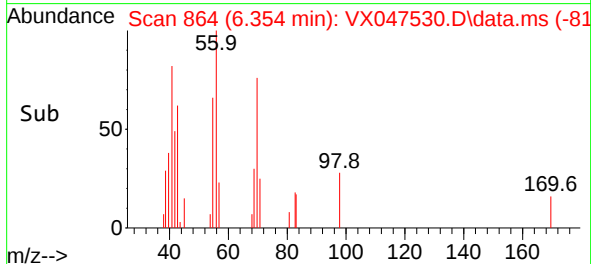


#43
Isopropyl Acetate
Concen: 0.211 ug/l
RT: 6.354 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

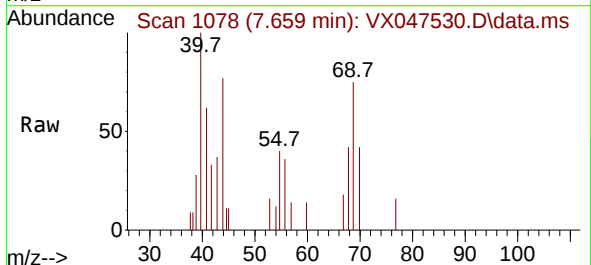
Instrument :
MSVOA_X
ClientSampleId :



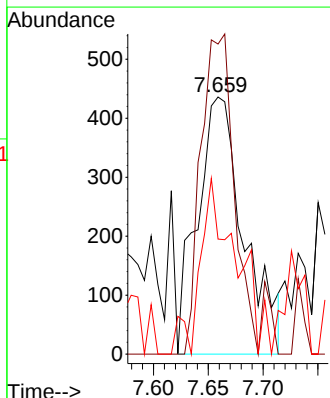
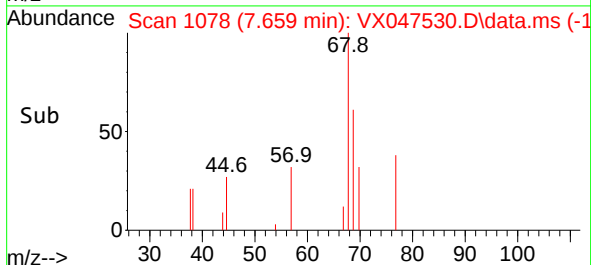
Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.2 15.4#

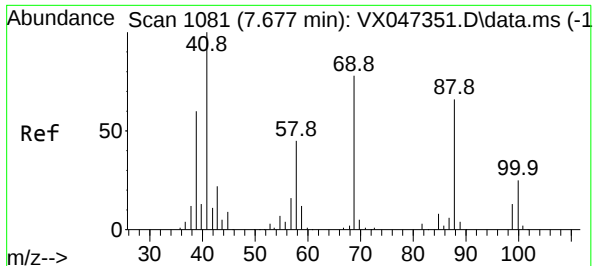


#48
Methyl methacrylate
Concen: 0.484 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.037 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09



Tgt Ion: 41 Resp: 1295
Ion Ratio Lower Upper
41 100
69 88.3 65.0 97.4
39 53.7 45.7 68.5





#49

1,4-Dioxane

Concen: 2.844 ug/l

RT: 7.726 min Scan# 1081

Delta R.T. 0.049 min

Lab File: VX047530.D

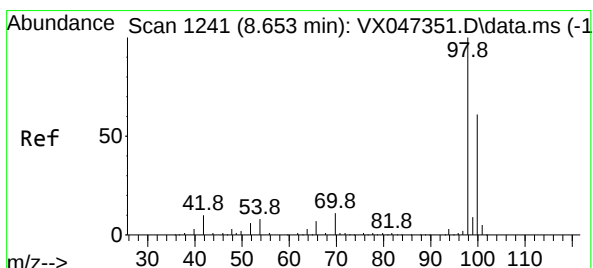
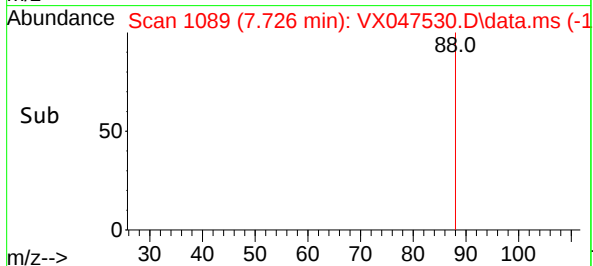
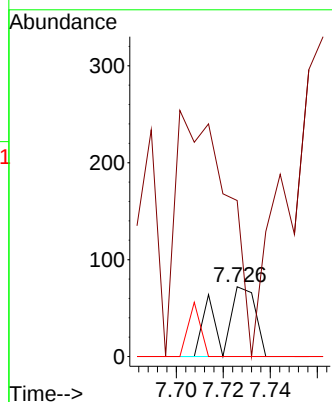
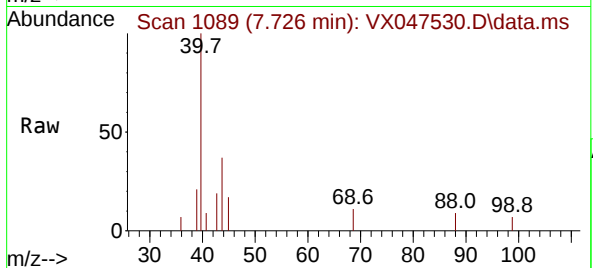
Acq: 26 Aug 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88	Resp:	74
Ion	Ratio	Lower Upper
88	100	
43	0.0	32.4 48.6#
58	0.0	56.9 85.3#



#50

Toluene-d8

Concen: 53.121 ug/l

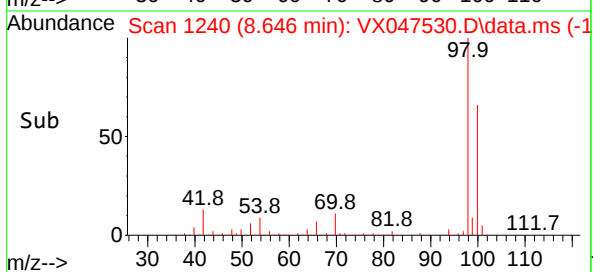
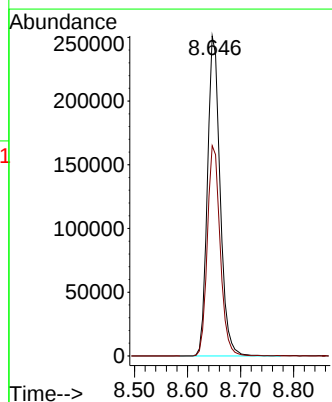
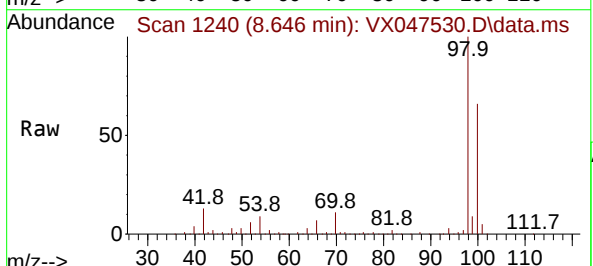
RT: 8.646 min Scan# 1240

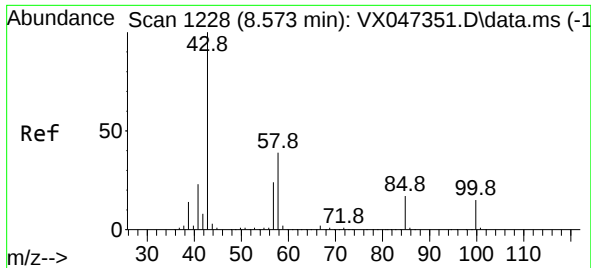
Delta R.T. -0.006 min

Lab File: VX047530.D

Acq: 26 Aug 2025 13:09

Tgt Ion: 98	Resp:	415890
Ion	Ratio	Lower Upper
98	100	
100	66.5	53.9 80.9

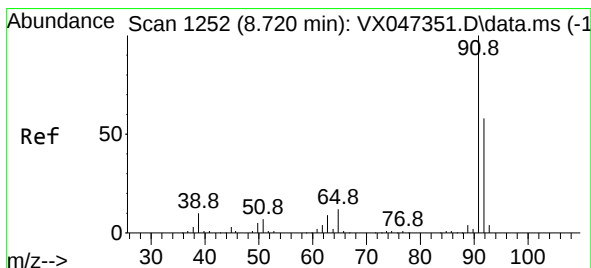
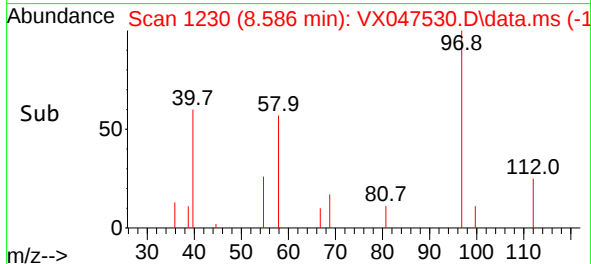
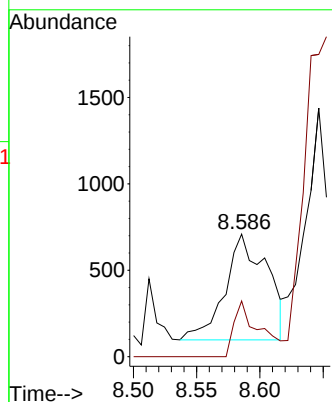
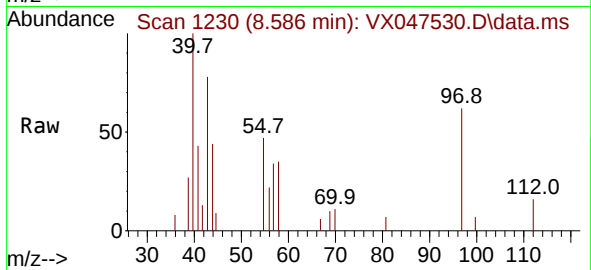




#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

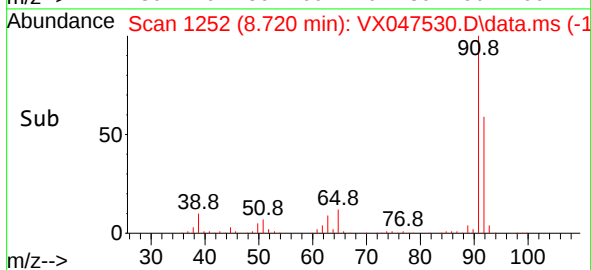
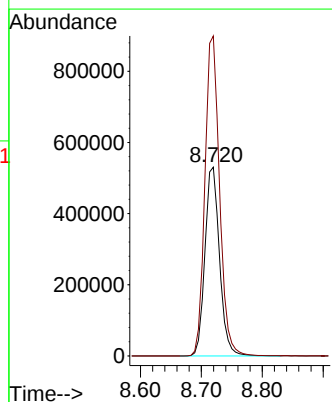
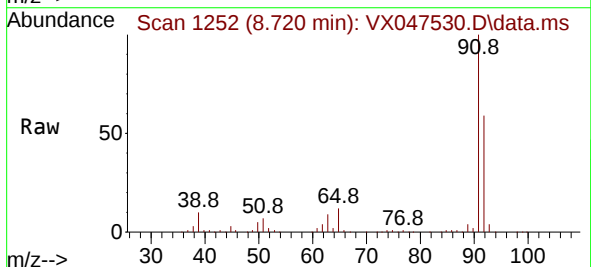
Instrument :
MSVOA_X
ClientSampleId :

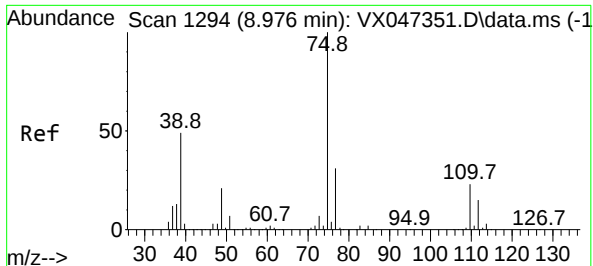
Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
58 31.9 31.2 46.8



#52
Toluene
Concen: 138.114 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion: 92 Resp: 883277
Ion Ratio Lower Upper
92 100
91 170.1 136.3 204.5

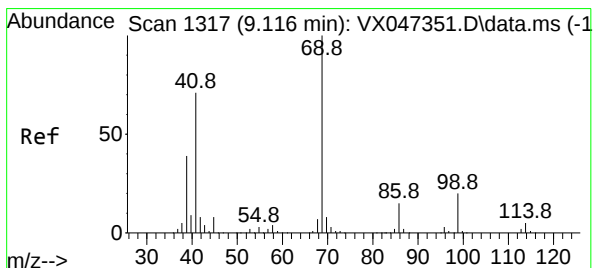
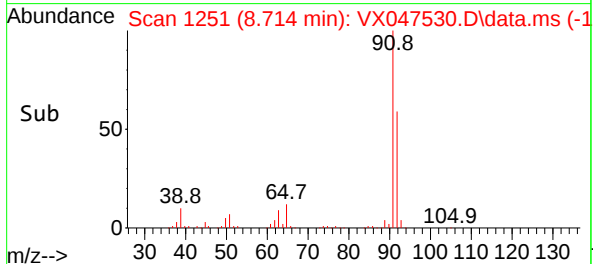
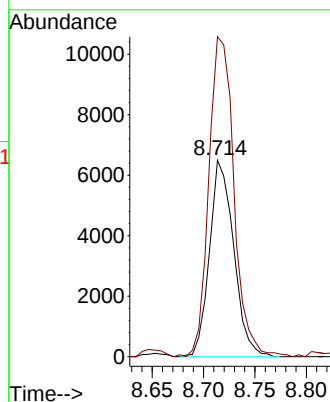
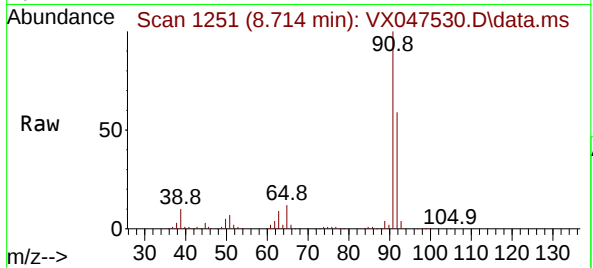




#53
t-1,3-Dichloropropene
Concen: 3.122 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.262 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

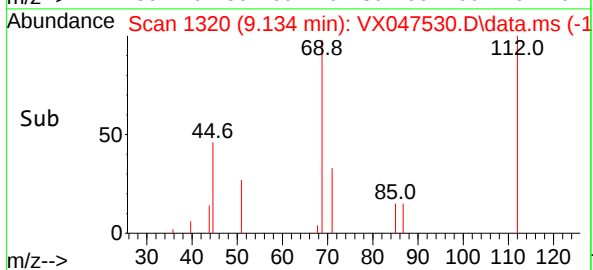
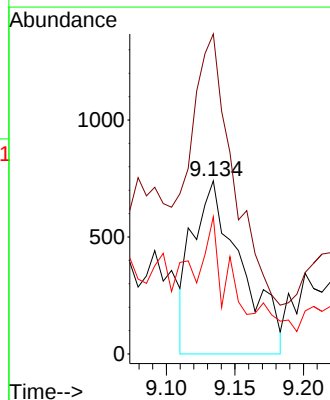
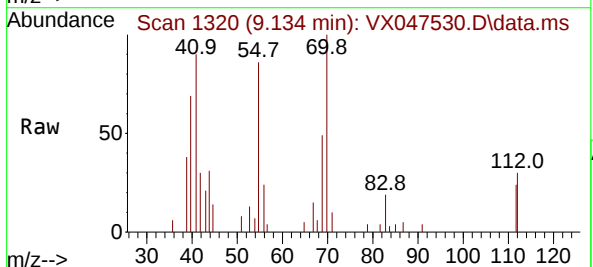
Instrument :
MSVOA_X
ClientSampleId :

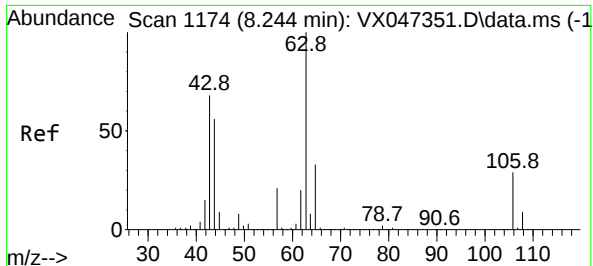
Tgt Ion: 75 Resp: 10632
Ion Ratio Lower Upper
75 100
77 161.6 24.7 37.1#



#56
Ethyl methacrylate
Concen: 0.509 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. 0.018 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion: 69 Resp: 1822
Ion Ratio Lower Upper
69 100
41 148.7 55.3 82.9#
39 19.5 30.2 45.2#

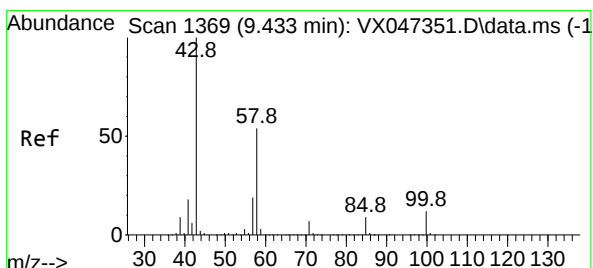
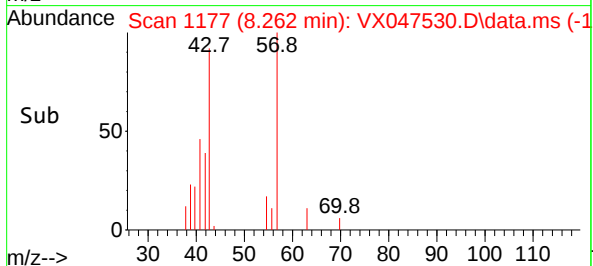
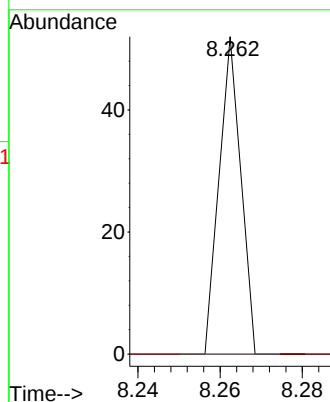
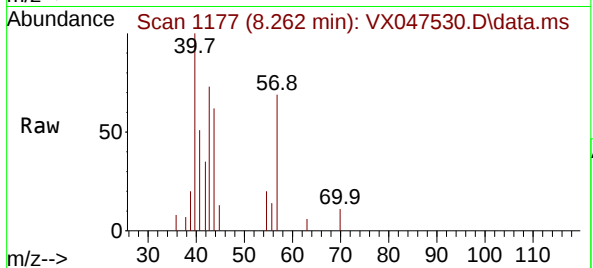




#58
2-Chloroethyl Vinyl ether
Concen: 8.366 ug/l
RT: 8.262 min Scan# 1177
Delta R.T. 0.018 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

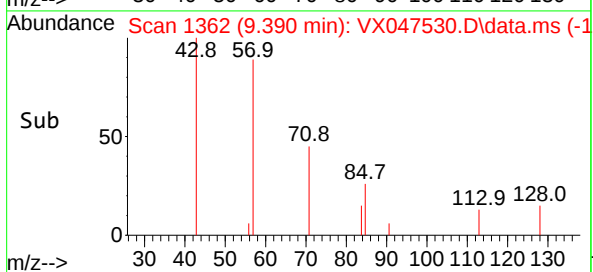
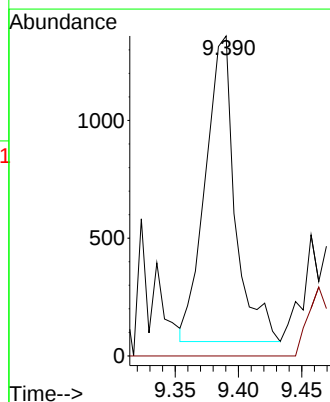
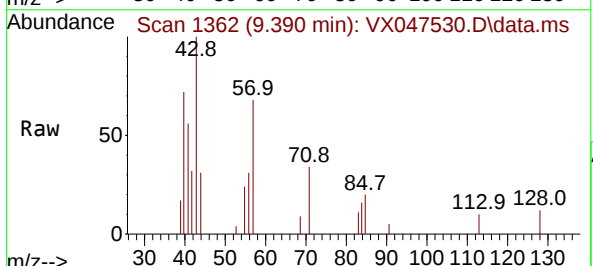
Instrument :
MSVOA_X
ClientSampleId :

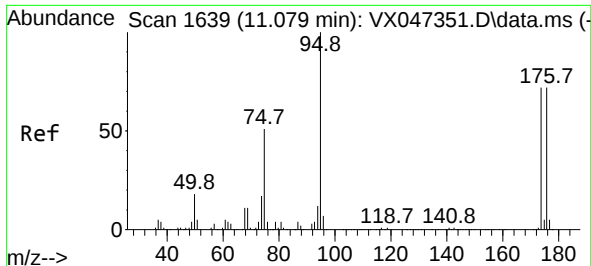
Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 22.8 34.2#



#59
2-Hexanone
Concen: 1.041 ug/l
RT: 9.390 min Scan# 1362
Delta R.T. -0.043 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#

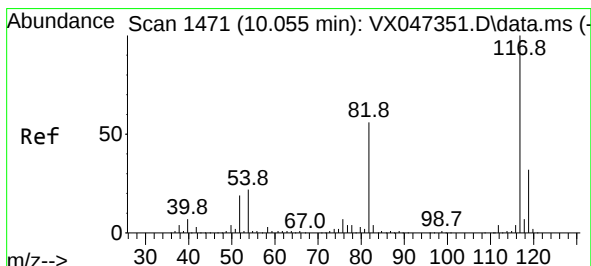
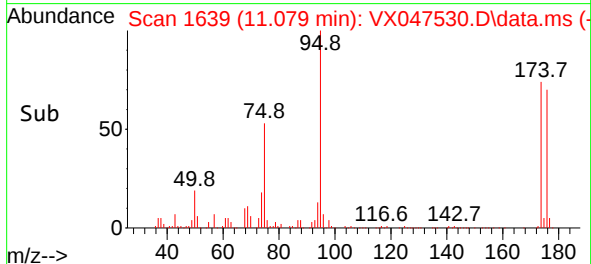
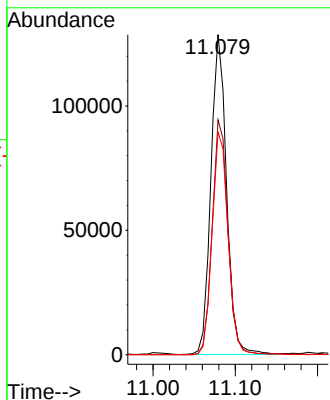
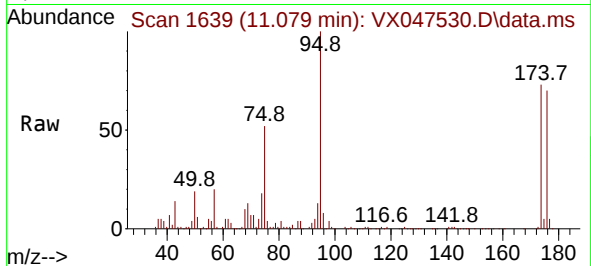




#62
4-Bromofluorobenzene
Concen: 58.923 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

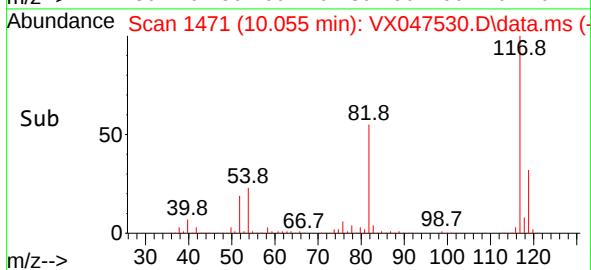
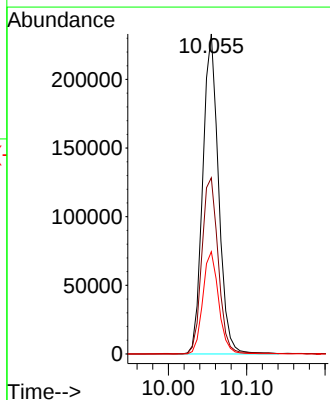
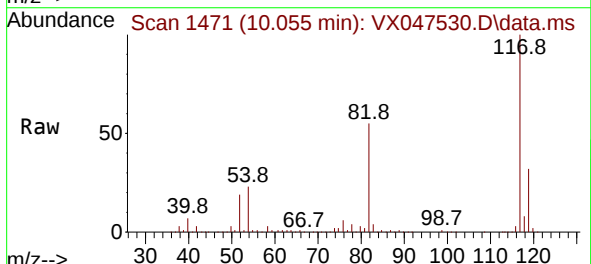
Instrument :
MSVOA_X
ClientSampleId :

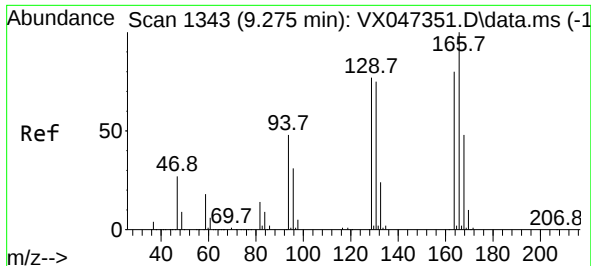
Tgt Ion: 95 Resp: 170233
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.0
176 71.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

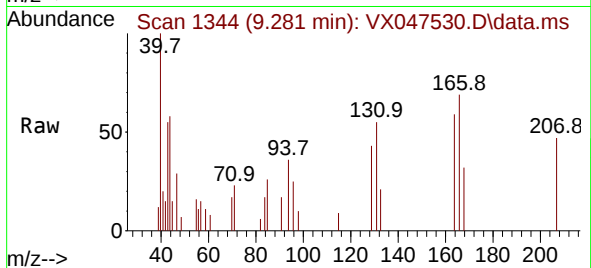
Tgt Ion: 117 Resp: 326169
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 31.9 25.8 38.8



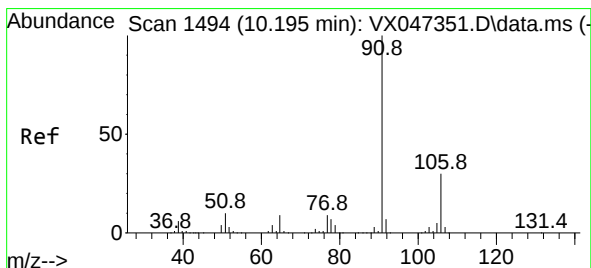
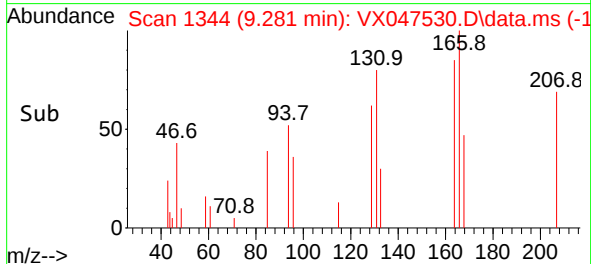
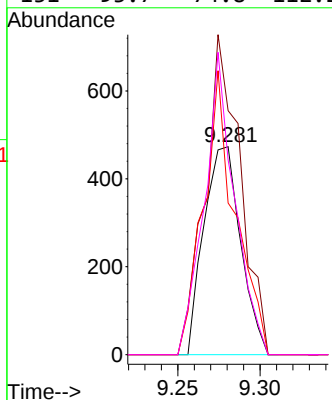


#64
Tetrachloroethene
Concen: 0.311 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :

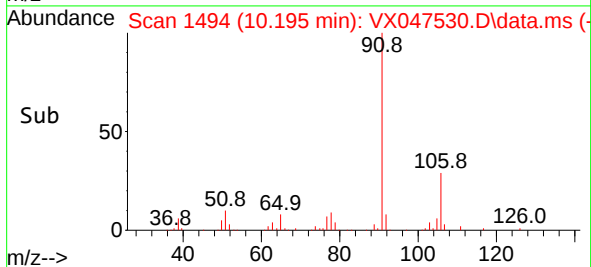
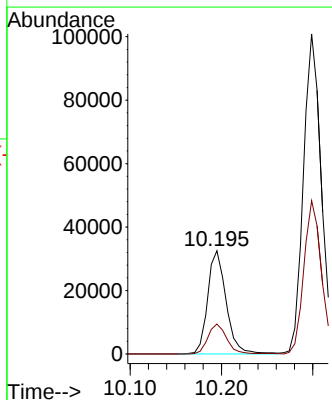
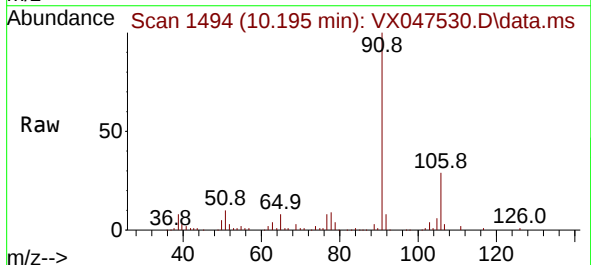


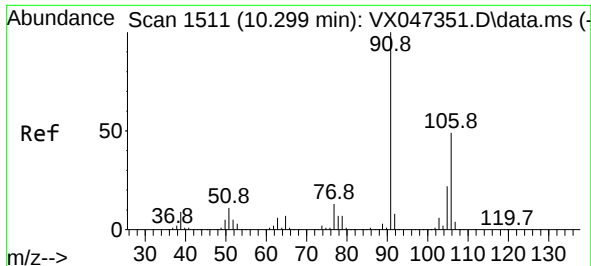
Tgt Ion:164 Resp: 734
Ion Ratio Lower Upper
164 100
166 117.3 100.3 150.5
129 72.9 77.7 116.5#
131 93.7 74.8 112.2



#67
Ethyl Benzene
Concen: 3.435 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion: 91 Resp: 45822
Ion Ratio Lower Upper
91 100
106 32.2 24.4 36.6

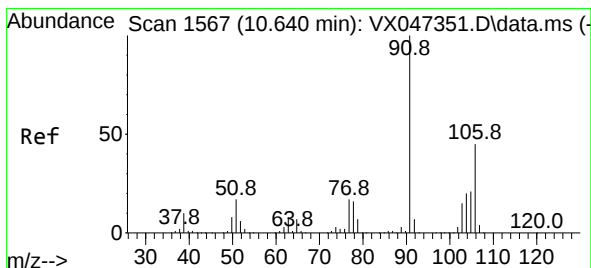
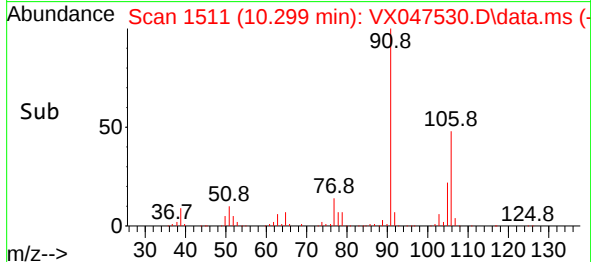
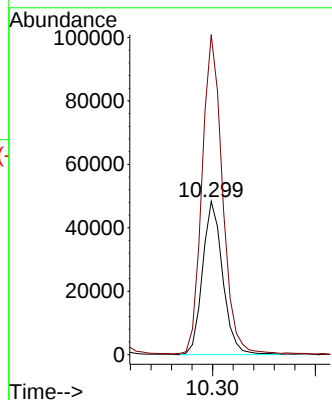
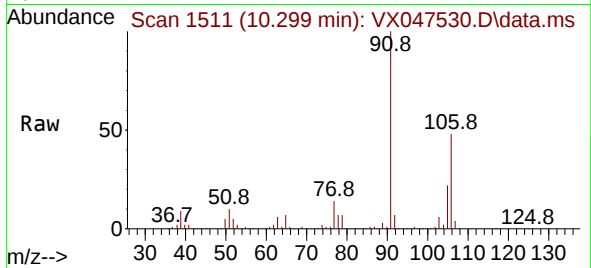




#68
m/p-Xylenes
Concen: 13.287 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

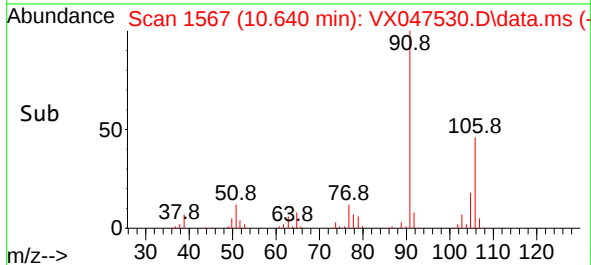
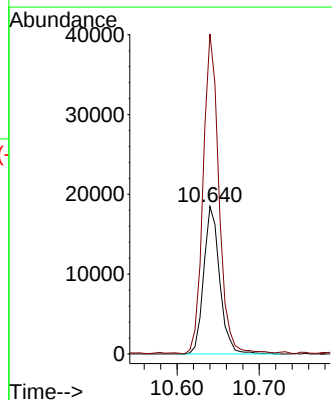
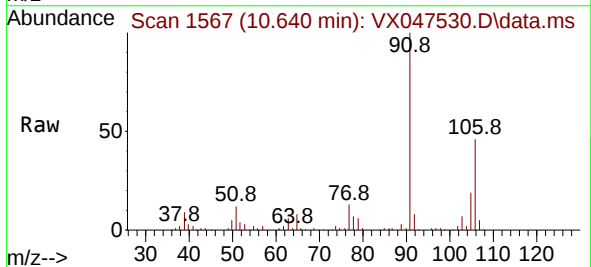
Instrument :
MSVOA_X
ClientSampleId :

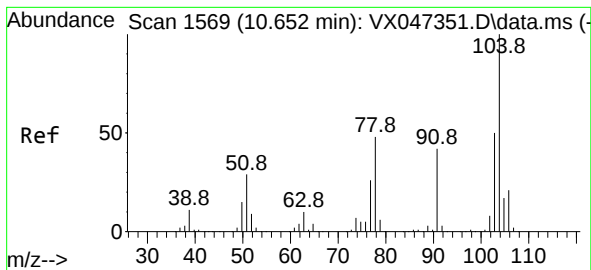
Tgt Ion:106 Resp: 66095
Ion Ratio Lower Upper
106 100
91 211.2 164.7 247.1



#69
o-Xylene
Concen: 5.232 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion:106 Resp: 25044
Ion Ratio Lower Upper
106 100
91 213.0 110.6 331.8





#70

Styrene

Concen: 0.366 ug/l

RT: 10.646 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047530.D

Acq: 26 Aug 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

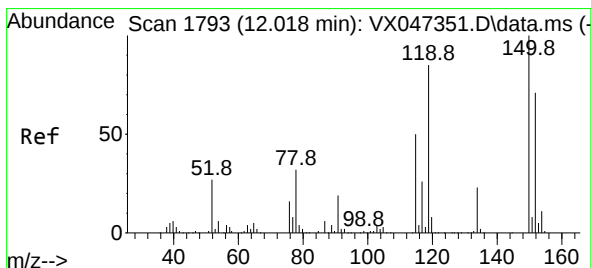
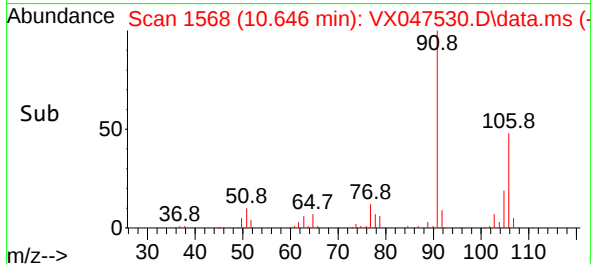
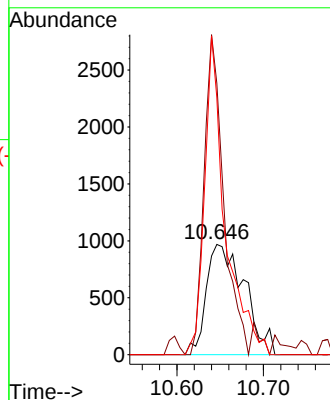
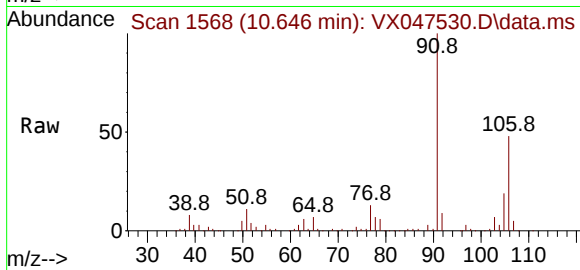
Tgt Ion:104 Resp: 2961

Ion Ratio Lower Upper

104 100

78 148.7 41.8 62.8#

103 156.2 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX047530.D

Acq: 26 Aug 2025 13:09

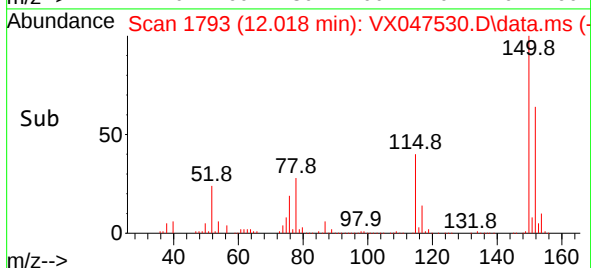
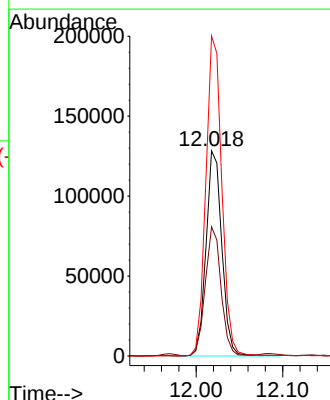
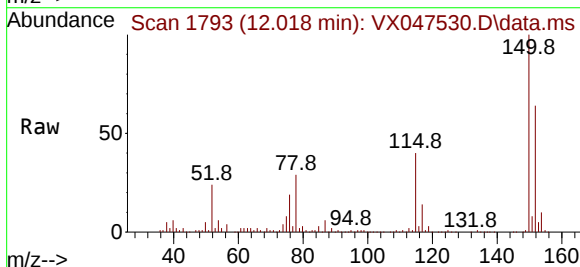
Tgt Ion:152 Resp: 162242

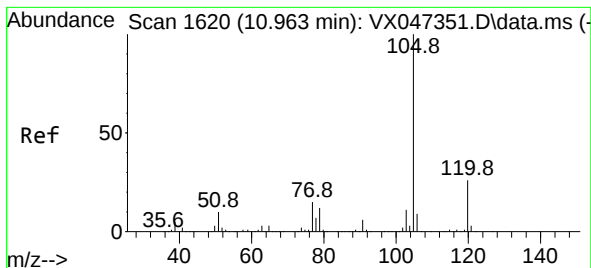
Ion Ratio Lower Upper

152 100

115 62.5 44.6 133.8

150 158.1 0.0 349.8





#73

Isopropylbenzene

Concen: 0.708 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047530.D

Acq: 26 Aug 2025 13:09

Instrument :

MSVOA_X

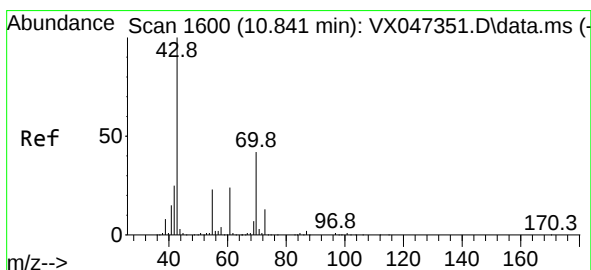
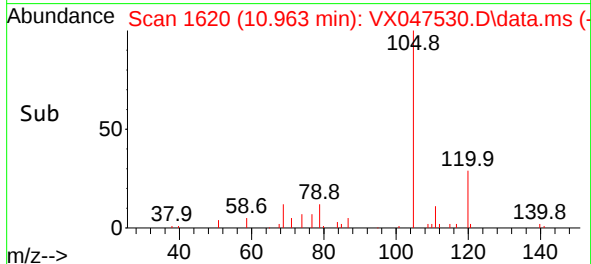
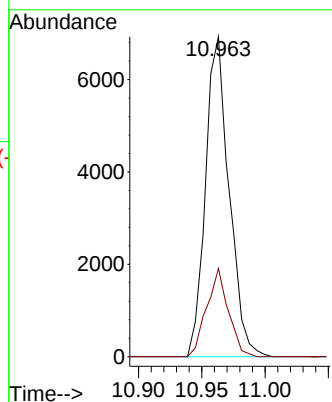
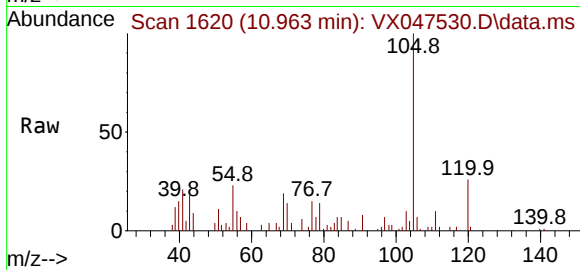
ClientSampleId :

Tgt Ion:105 Resp: 8985

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.6



#74

N-ethyl acetate

Concen: 1.075 ug/l

RT: 10.853 min Scan# 1602

Delta R.T. 0.012 min

Lab File: VX047530.D

Acq: 26 Aug 2025 13:09

Tgt Ion: 43 Resp: 5182

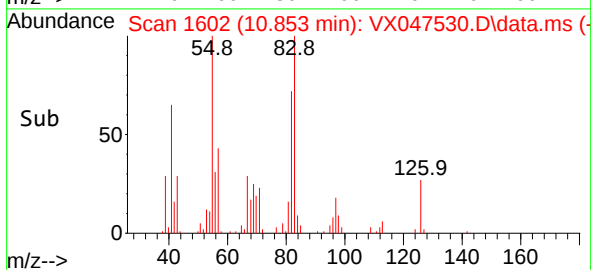
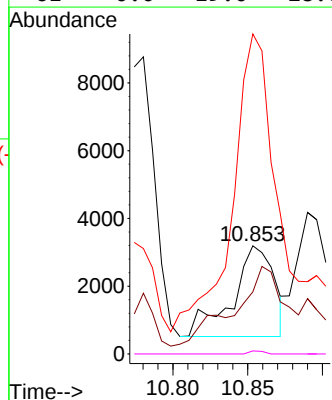
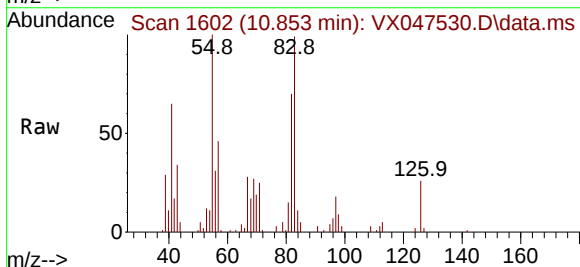
Ion Ratio Lower Upper

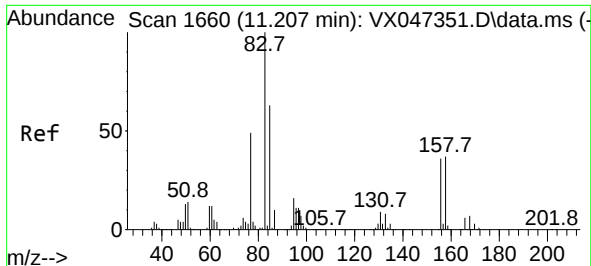
43 100

70 106.6 33.1 49.7#

55 374.3 19.0 28.6#

61 0.0 19.0 28.6#

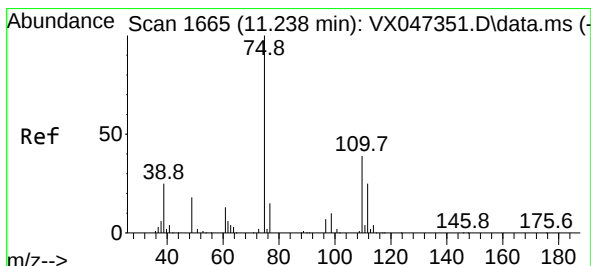
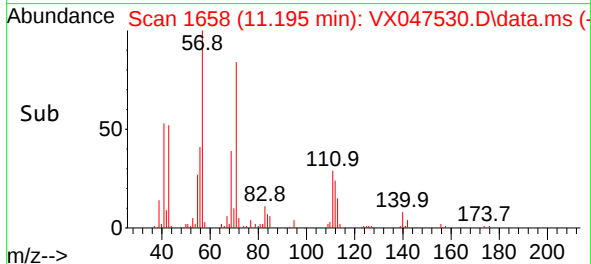
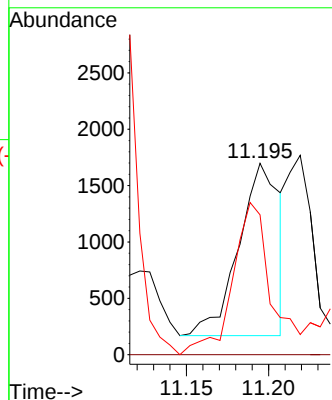
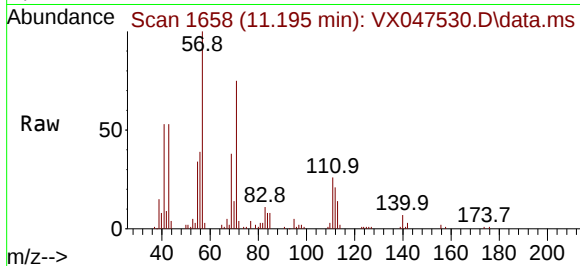




#75
1,1,2,2-Tetrachloroethane
Concen: 0.708 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.012 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

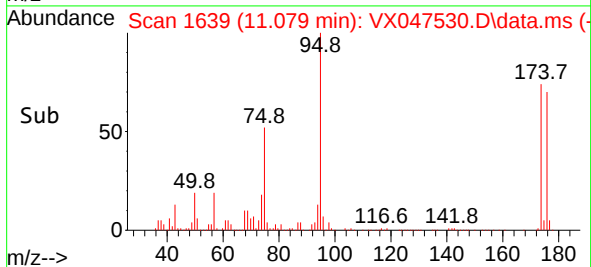
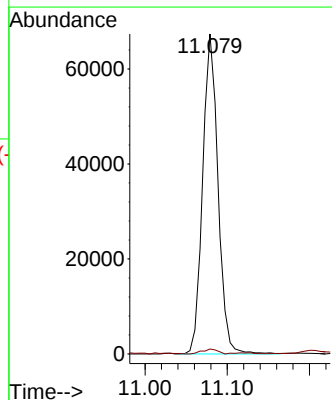
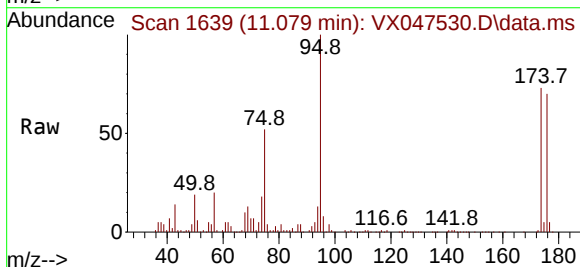
Instrument :
MSVOA_X
ClientSampleId :

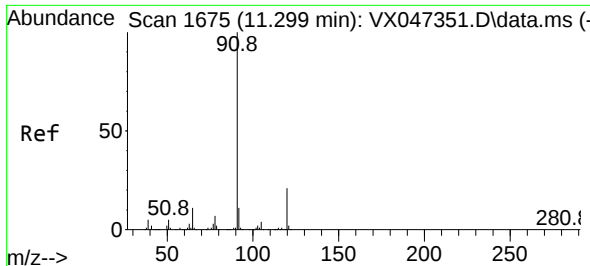
Tgt Ion: 83 Resp: 2638
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 82.1 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 29.382 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion: 75 Resp: 87432
Ion Ratio Lower Upper
75 100
77 1.5 19.4 58.2#

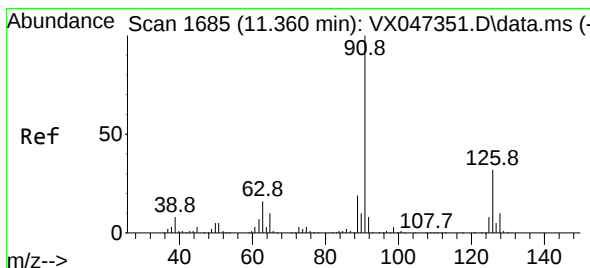
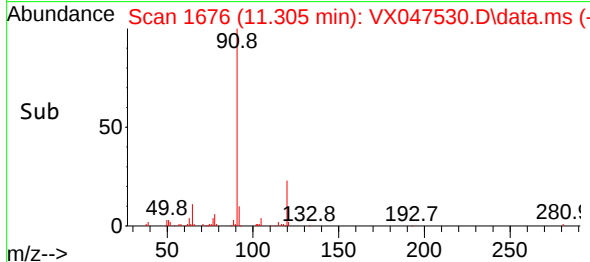
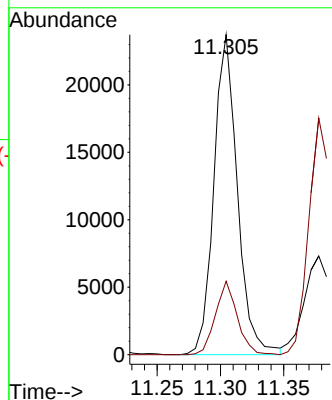
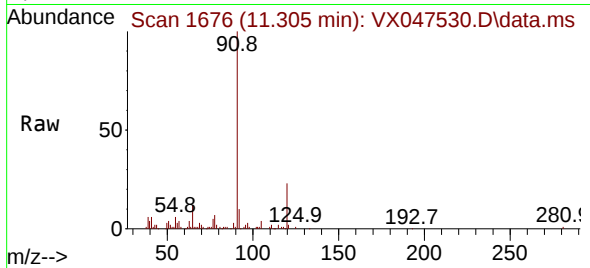




#78
n-propylbenzene
Concen: 2.021 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

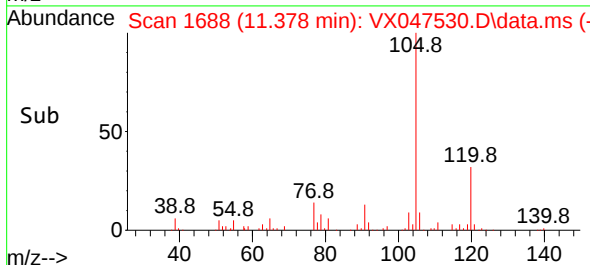
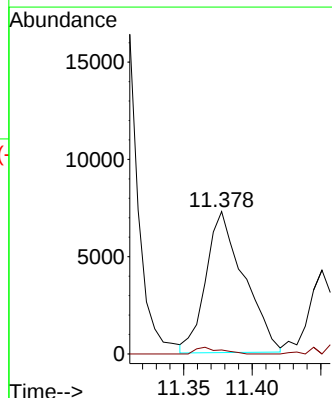
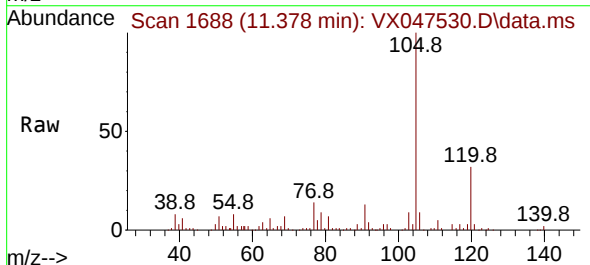
Instrument :
MSVOA_X
ClientSampleId :

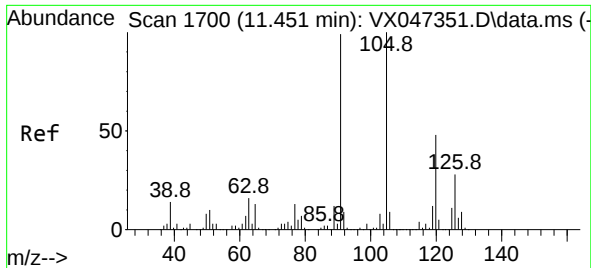
Tgt Ion: 91 Resp: 30650
Ion Ratio Lower Upper
91 100
120 21.3 11.0 33.0



#79
2-Chlorotoluene
Concen: 1.531 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.018 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion: 91 Resp: 14035
Ion Ratio Lower Upper
91 100
126 3.2 16.7 50.1#

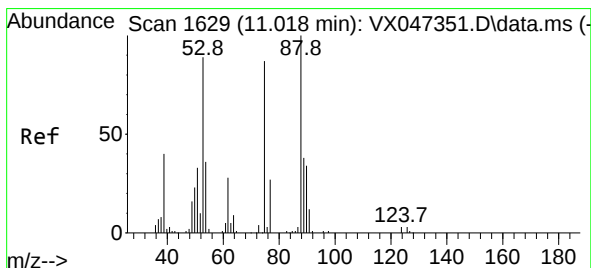
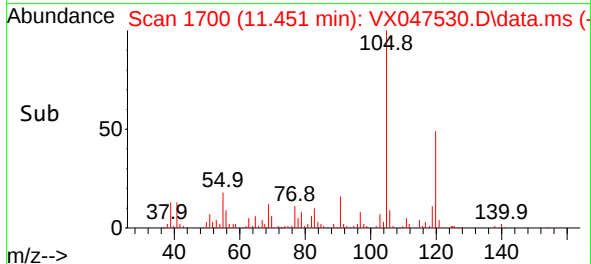
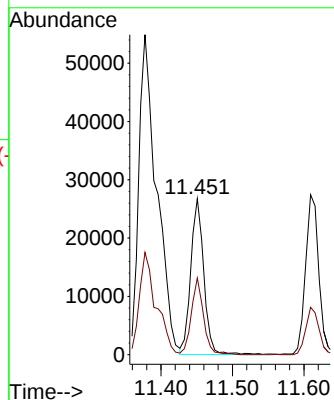
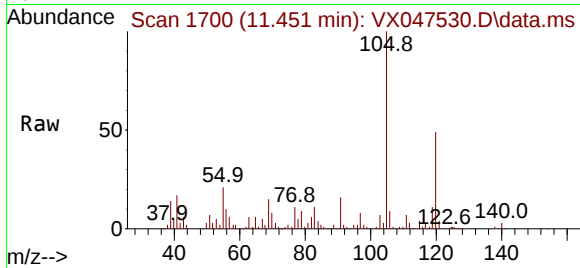




#80
 1,3,5-Trimethylbenzene
 Concen: 3.265 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047530.D
 Acq: 26 Aug 2025 13:09

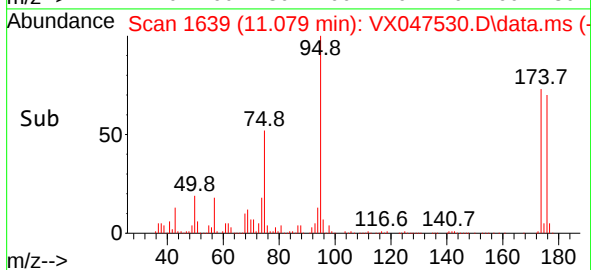
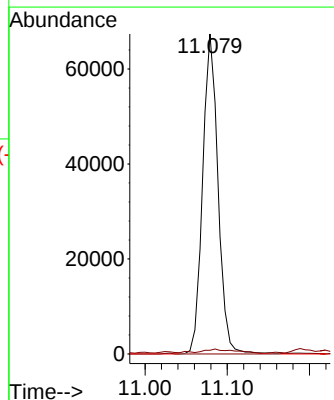
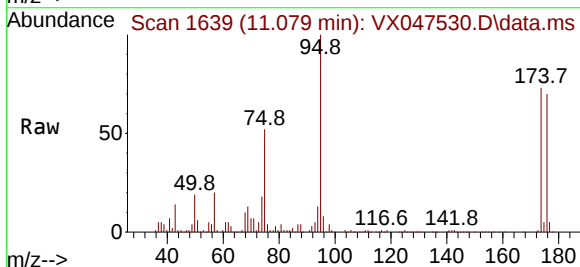
Instrument :
 MSVOA_X
 ClientSampleId :

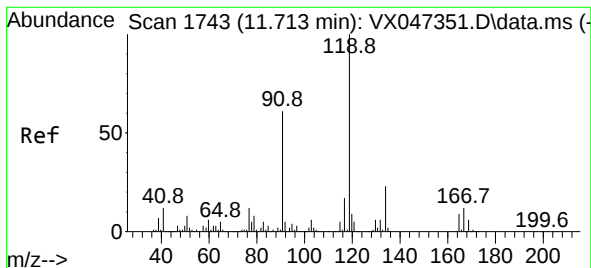
Tgt Ion:105 Resp: 34104
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.493 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX047530.D
 Acq: 26 Aug 2025 13:09

Tgt Ion: 75 Resp: 87432
 Ion Ratio Lower Upper
 75 100
 53 2.7 85.2 127.8#
 89 0.0 36.7 55.1#





#83

tert-Butylbenzene

Concen: 0.268 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX047530.D

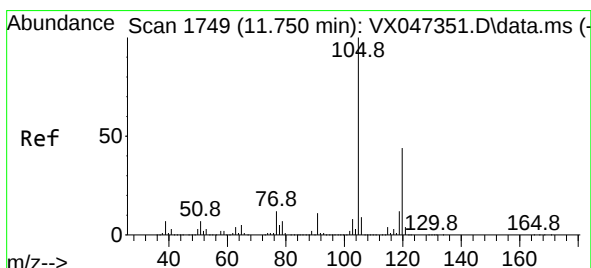
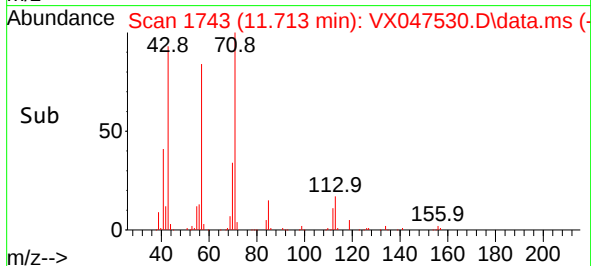
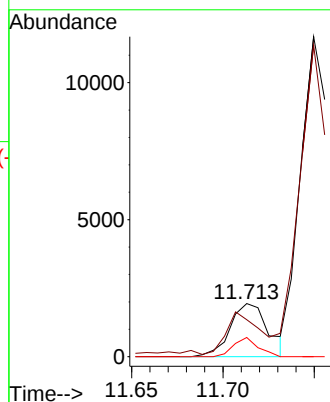
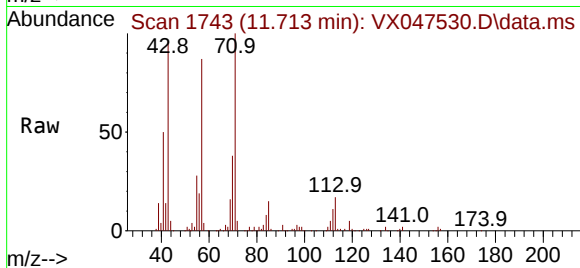
Acq: 26 Aug 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	119	Resp:	2789
Ion	Ratio	Lower	Upper
119	100		
91	67.9	29.1	87.4
134	23.6	11.3	33.9



#84

1,2,4-Trimethylbenzene

Concen: 11.856 ug/l

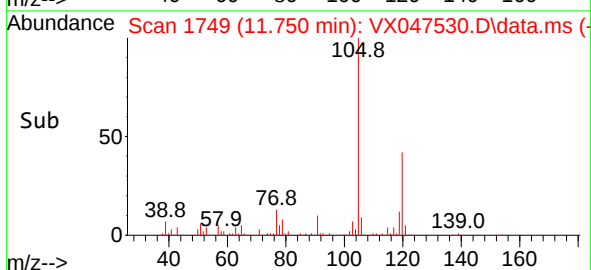
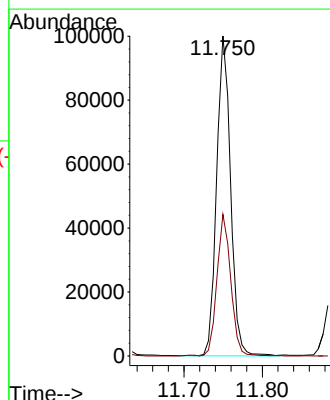
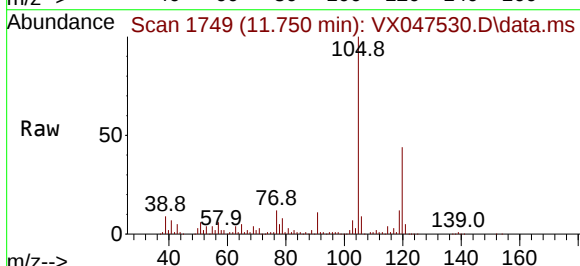
RT: 11.750 min Scan# 1749

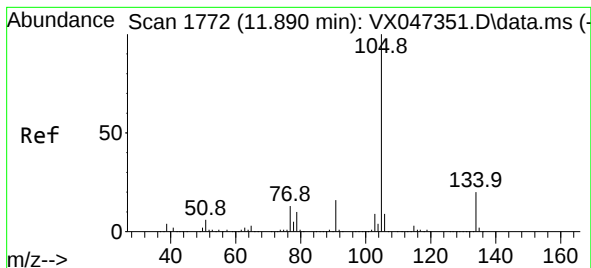
Delta R.T. -0.000 min

Lab File: VX047530.D

Acq: 26 Aug 2025 13:09

Tgt Ion:	105	Resp:	123855
Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.7





#85

sec-Butylbenzene

Concen: 1.807 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX047530.D

Acq: 26 Aug 2025 13:09

Instrument :

MSVOA_X

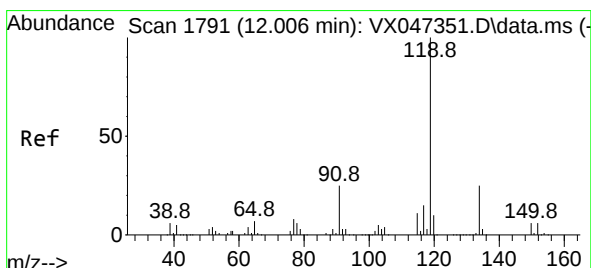
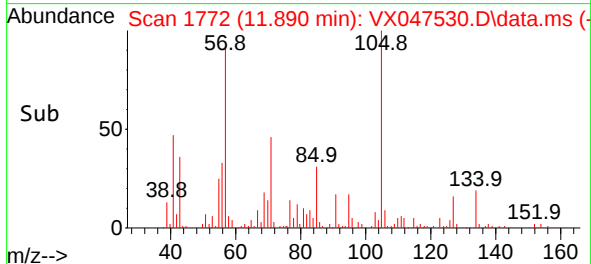
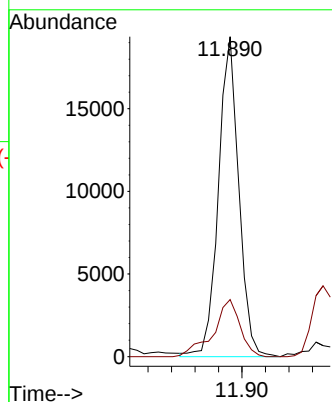
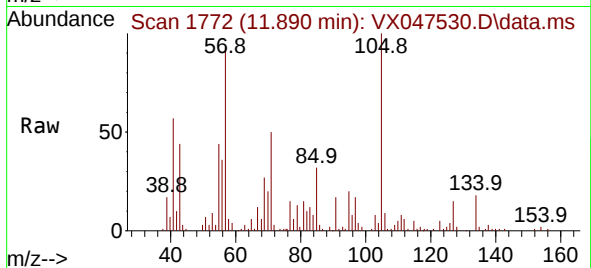
ClientSampleId :

Tgt Ion:105 Resp: 23342

Ion Ratio Lower Upper

105 100

134 23.4 9.8 29.5



#86

p-Isopropyltoluene

Concen: 1.330 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047530.D

Acq: 26 Aug 2025 13:09

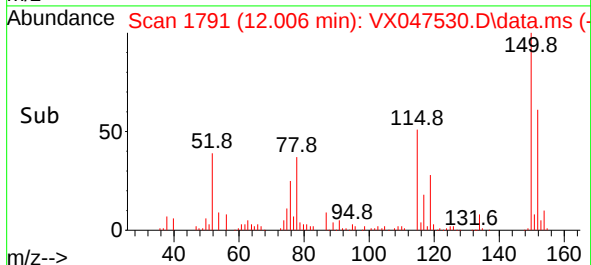
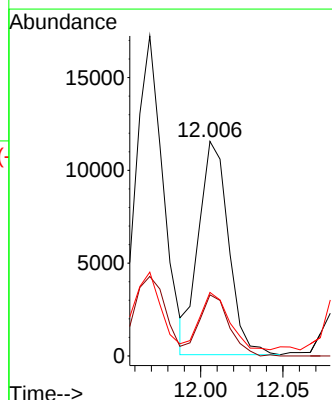
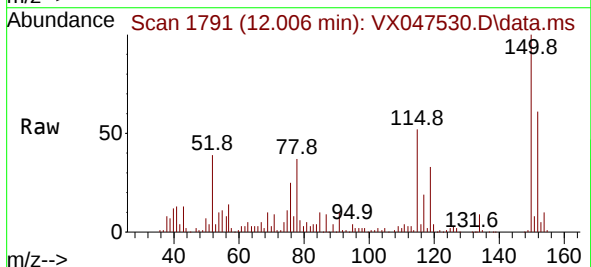
Tgt Ion:119 Resp: 14541

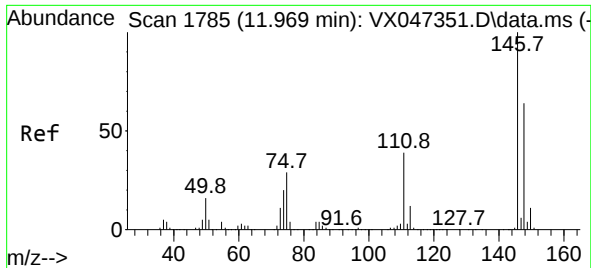
Ion Ratio Lower Upper

119 100

134 28.8 12.8 38.4

91 26.1 12.4 37.4

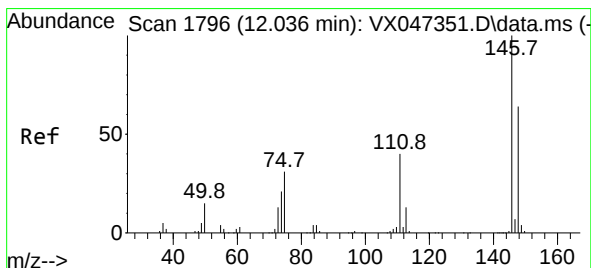
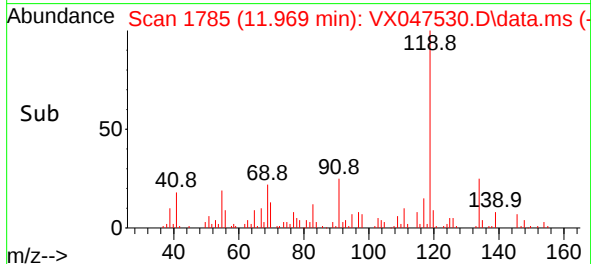
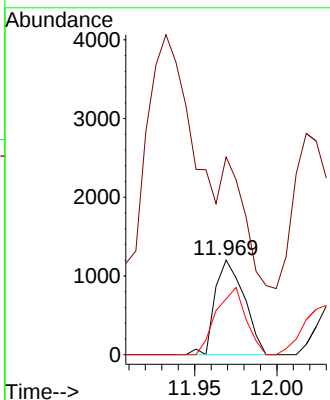
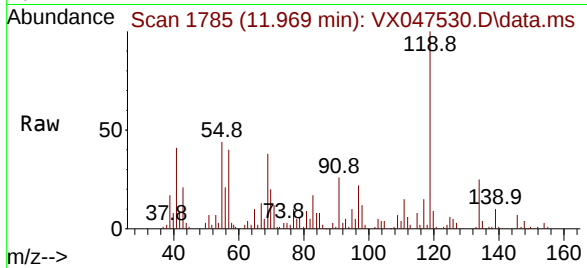




#87
1,3-Dichlorobenzene
Concen: 0.250 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

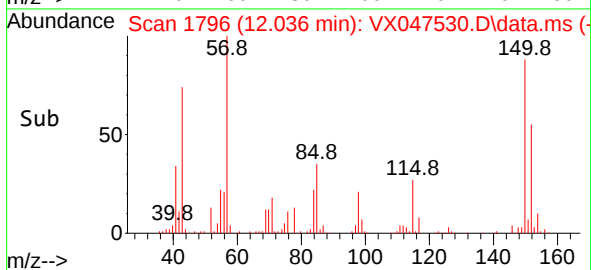
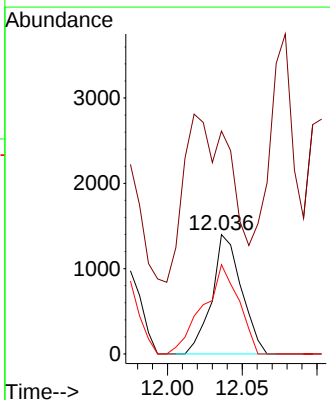
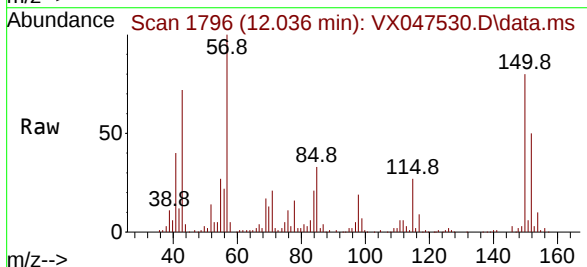
Instrument :
MSVOA_X
ClientSampleId :

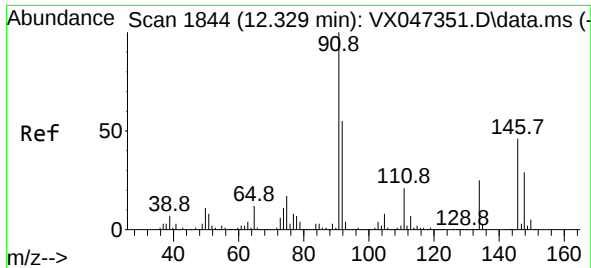
Tgt Ion:146 Resp: 1483
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.8#
148 72.4 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 0.315 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion:146 Resp: 1917
Ion Ratio Lower Upper
146 100
111 221.1 20.4 61.2#
148 89.8 31.7 95.1

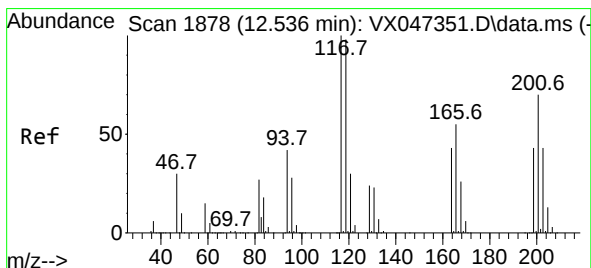
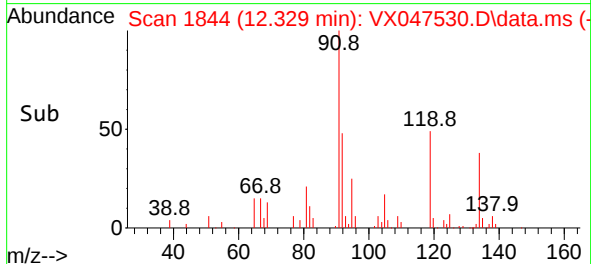
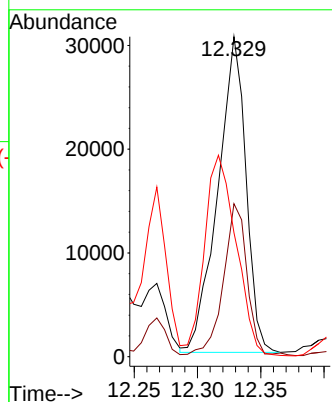
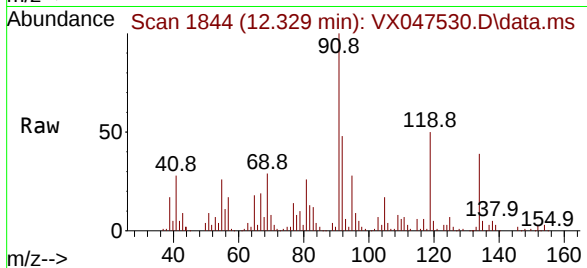




#89
n-Butylbenzene
Concen: 4.631 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

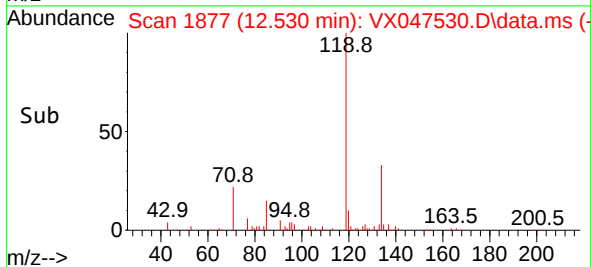
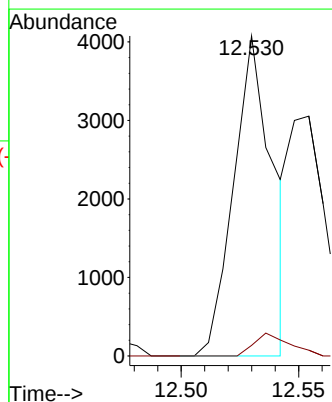
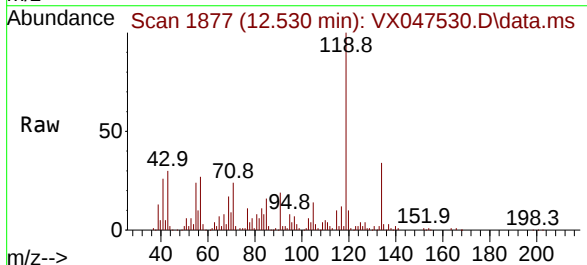
Instrument :
MSVOA_X
ClientSampleId :

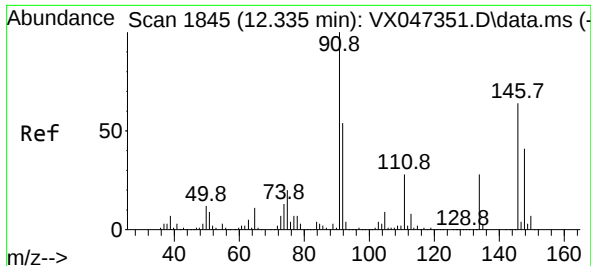
Tgt Ion: 91 Resp: 47081
Ion Ratio Lower Upper
91 100
92 40.4 27.2 81.5
134 71.5 12.6 37.8#



#90
Hexachloroethane
Concen: 2.445 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion: 117 Resp: 4688
Ion Ratio Lower Upper
117 100
201 6.5 35.1 105.3#

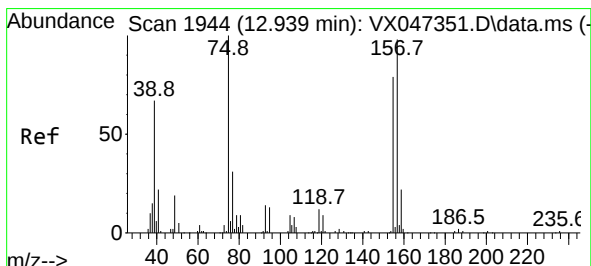
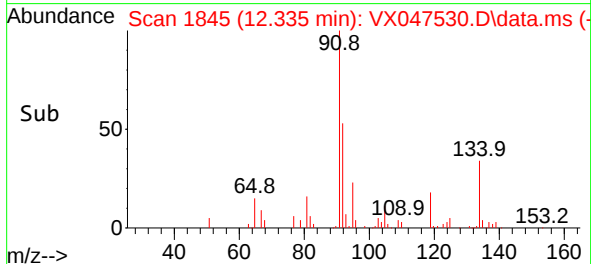
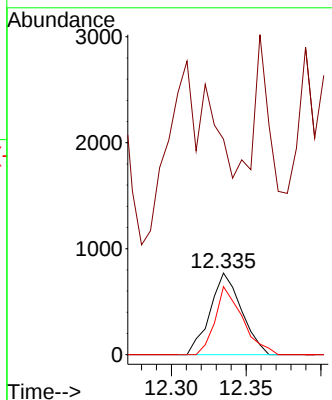
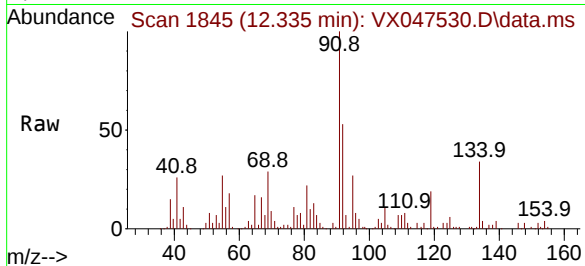




#91
1,2-Dichlorobenzene
Concen: 0.200 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

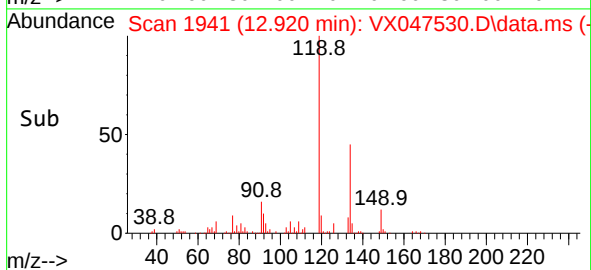
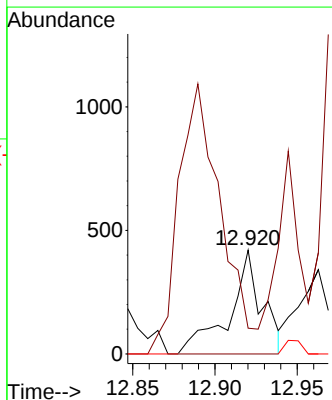
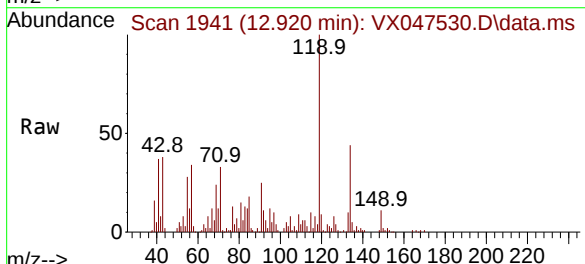
Instrument :
MSVOA_X
ClientSampleId :

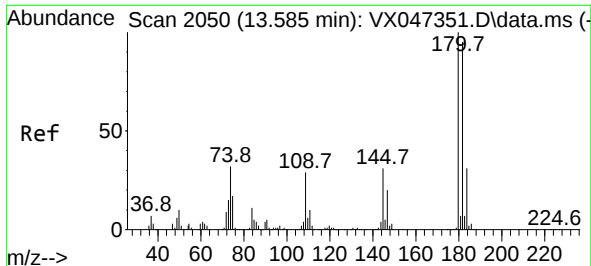
Tgt Ion:146 Resp: 1125
Ion Ratio Lower Upper
146 100
111 0.0 22.1 66.1#
148 72.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.803 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.018 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion: 75 Resp: 579
Ion Ratio Lower Upper
75 100
155 0.0 41.3 123.7#
157 0.0 51.5 154.5#

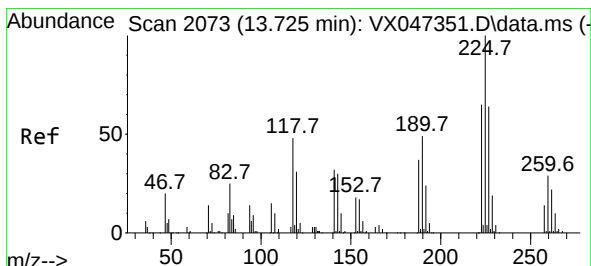
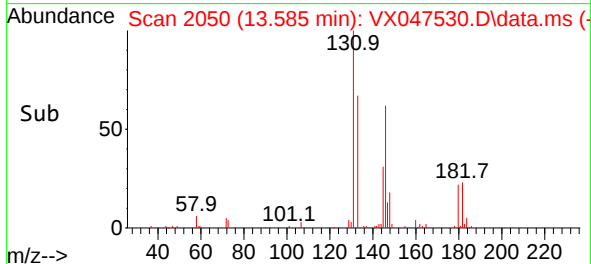
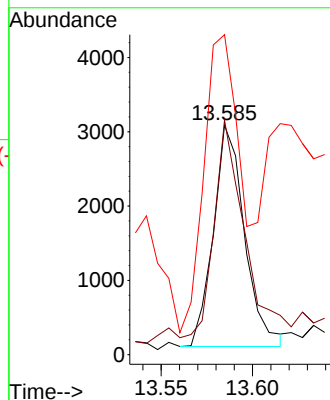
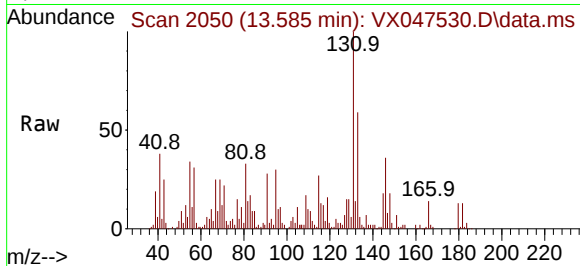




#93
1,2,4-Trichlorobenzene
Concen: 0.936 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

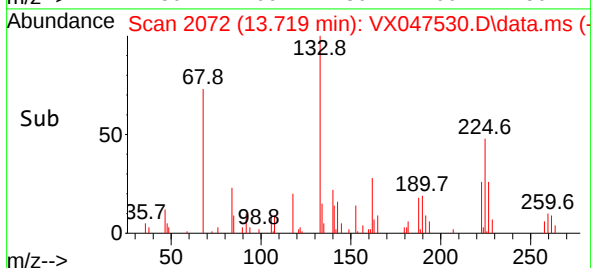
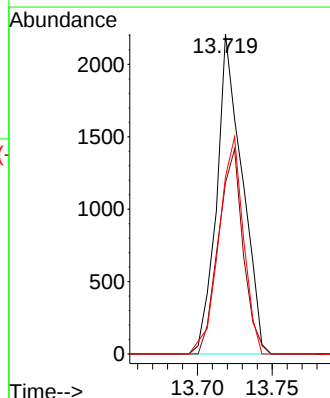
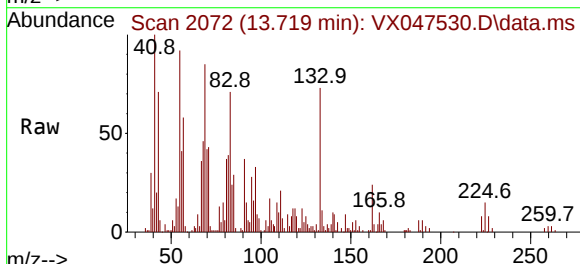
Instrument :
MSVOA_X
ClientSampleId :

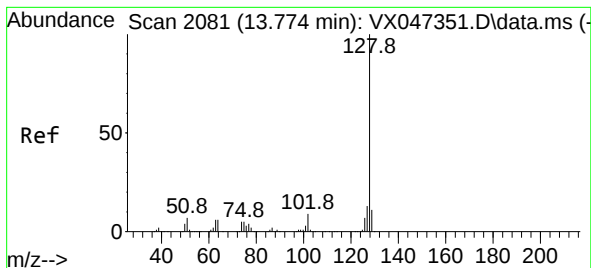
Tgt Ion:180 Resp: 3527
Ion Ratio Lower Upper
180 100
182 95.7 48.1 144.4
145 150.8 16.2 48.5#



#94
Hexachlorobutadiene
Concen: 1.952 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047530.D
Acq: 26 Aug 2025 13:09

Tgt Ion:225 Resp: 2618
Ion Ratio Lower Upper
225 100
223 62.1 32.2 96.6
227 65.2 31.6 95.0





#95

Naphthalene

Concen: 2.827 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX047530.D

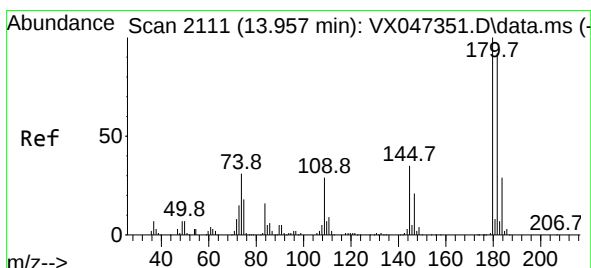
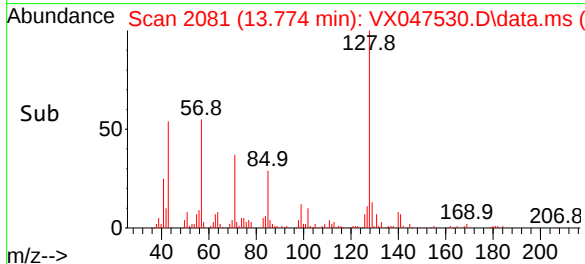
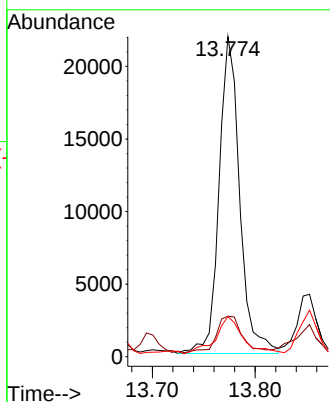
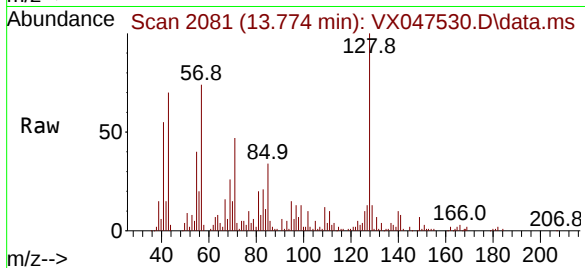
Acq: 26 Aug 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	128	Resp:	30444
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.1	15.1
129	15.6	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.175 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX047530.D

Acq: 26 Aug 2025 13:09

Tgt Ion:	180	Resp:	4173
Ion	Ratio	Lower	Upper
180	100		
182	77.3	48.0	144.2
145	151.5	17.4	52.2

