

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047447.D
 Acq On : 20 Aug 2025 16:52
 Operator : JC/MD
 Sample : Q2900-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11C-081825

Quant Time: Aug 21 01:35:32 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	5.568	168	207711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	360319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	375441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.977	65	160814	55.320	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.640%	
35) Dibromofluoromethane	5.403	113	130805	55.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.880%	
50) Toluene-d8	8.653	98	449256	53.749	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.500%	
62) 4-Bromofluorobenzene	11.079	95	172469	55.916	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.840%	

Target Compounds						Qvalue
3) Chloromethane	1.270	50	9170	3.850	ug/l #	41
4) Vinyl Chloride	1.392	62	701030	234.478	ug/l	97
10) Methyl Iodide	2.471	142	888	0.202	ug/l #	88
11) Tert butyl alcohol	3.111	59	159705	631.517	ug/l #	76
12) 1,1-Dichloroethene	2.343	96	2402	0.918	ug/l	89
13) Acrolein	2.233	56	497	0.931	ug/l #	1
14) Allyl chloride	2.770	41	3096	0.682	ug/l #	1
16) Acetone	2.398	43	4556	4.170	ug/l #	84
17) Carbon Disulfide	2.550	76	10218	1.295	ug/l	97
18) Methyl Acetate	2.715	43	669	0.236	ug/l #	53
19) Methyl tert-butyl Ether	3.136	73	10271	1.291	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	3470118	1250.157	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	1421266	439.617	ug/l	89
36) 1,1-Dichloropropene	5.568	75	16677	4.518	ug/l #	42
38) Carbon Tetrachloride	5.568	117	21645	5.366	ug/l #	17
40) Benzene	6.062	78	27808097	2516.719	ug/l	91
42) 1,2-Dichloroethane	6.062	62	276870	70.742	ug/l #	75
44) Trichloroethene	7.135	130	140297	49.588	ug/l	100
51) 4-Methyl-2-Pentanone	8.653	43	2206	0.696	ug/l #	1
52) Toluene	8.726	92	4981739	729.639	ug/l	95
53) t-1,3-Dichloropropene	8.726	75	59383	16.332	ug/l #	1
55) 1,1,2-Trichloroethane	9.019	97	50104	19.328	ug/l #	17
56) Ethyl methacrylate	9.019	69	3335	0.873	ug/l #	12
58) 2-Chloroethyl Vinyl ether	8.251	63	22	8.367	ug/l #	46
60) Dibromochloromethane	9.275	129	1422	0.462	ug/l #	11
64) Tetrachloroethene	9.275	164	1552	0.572	ug/l #	87
65) Chlorobenzene	10.079	112	2846	0.319	ug/l	92
67) Ethyl Benzene	10.195	91	7538323	490.906	ug/l	97
68) m/p-Xylenes	10.305	106	1531967	267.552	ug/l	100
69) o-Xylene	10.640	106	2016861	366.022	ug/l	97
70) Styrene	10.659	104	2602706	279.548	ug/l	96
73) Isopropylbenzene	10.963	105	468689	34.233	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	88491	27.577	ug/l #	36
78) n-propylbenzene	11.305	91	247205	15.118	ug/l	100
79) 2-Chlorotoluene	11.396	91	199412	20.174	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.451	105	549417	48.772	ug/l	100

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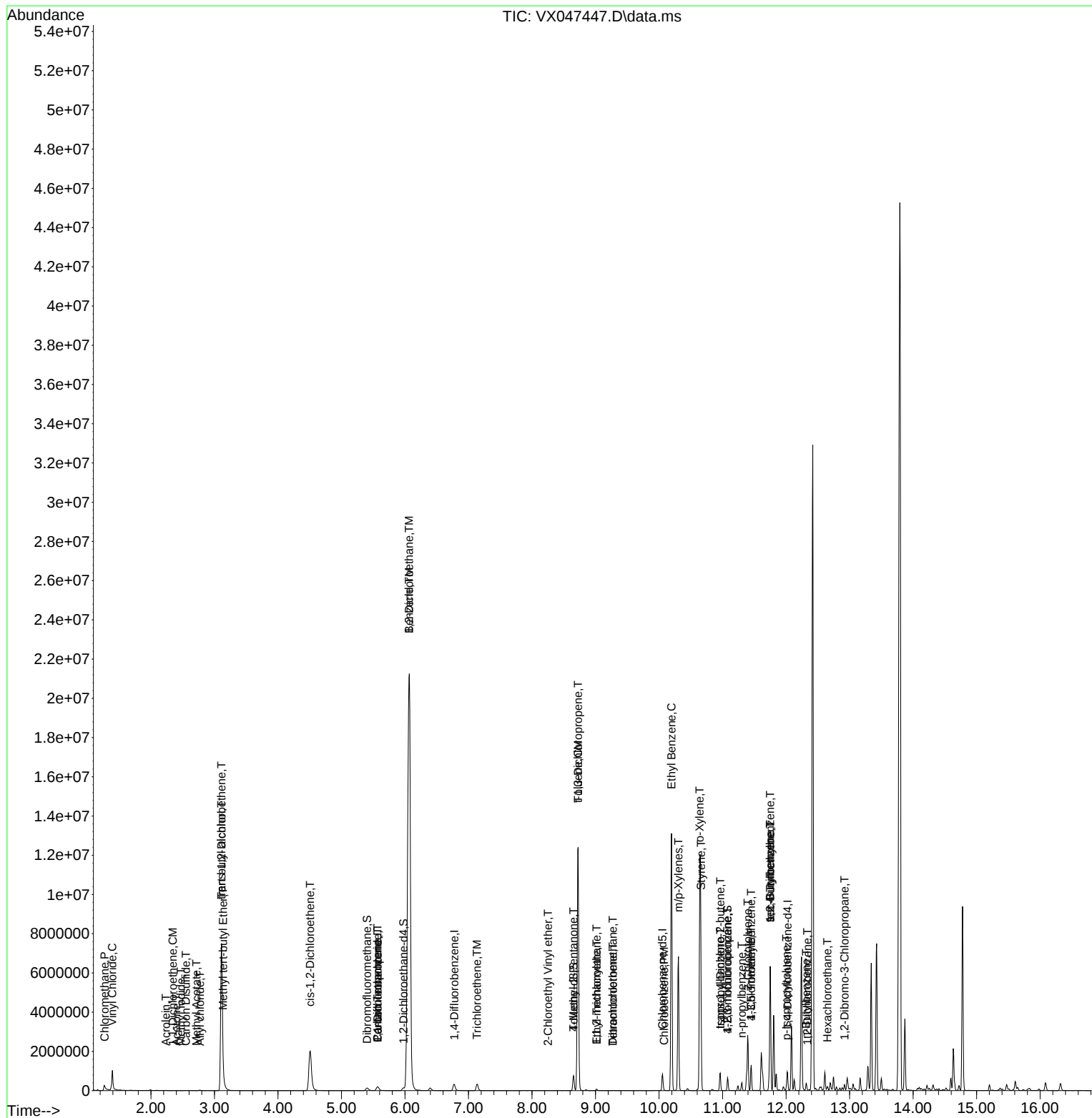
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	10.963	75	5736	14.413	ug/l #	67
82) 4-Chlorotoluene	11.451	91	59845	5.136	ug/l #	46
83) tert-Butylbenzene	11.750	119	325286	28.943	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.750	105	2647951	235.056	ug/l	99
85) sec-Butylbenzene	11.750	105	2647951	190.090	ug/l #	57
86) p-Isopropyltoluene	12.006	119	36960	3.135	ug/l #	77
89) n-Butylbenzene	12.317	91	37119	3.386	ug/l #	1
90) Hexachloroethane	12.652	117	69175	33.451	ug/l #	15
91) 1,2-Dichlorobenzene	12.335	146	1569	0.259	ug/l #	72
92) 1,2-Dibromo-3-Chloropr...	12.920	75	742	0.954	ug/l #	3

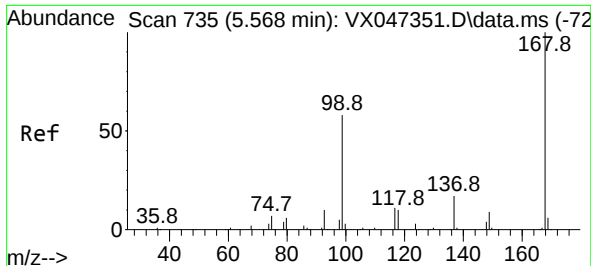
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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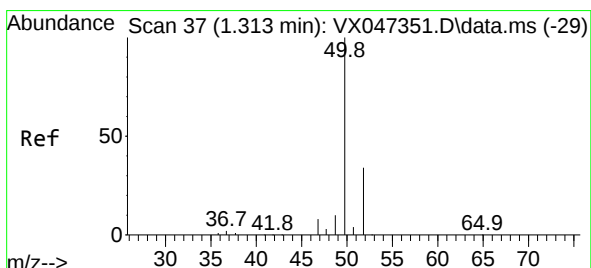
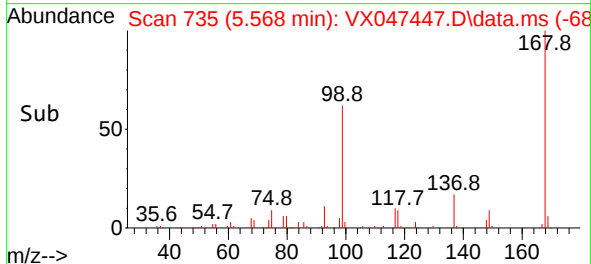
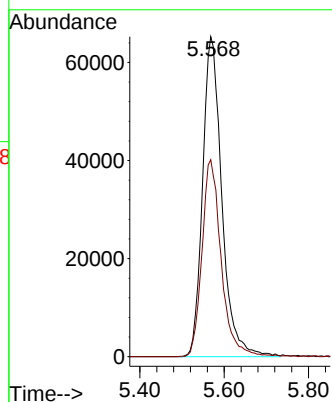
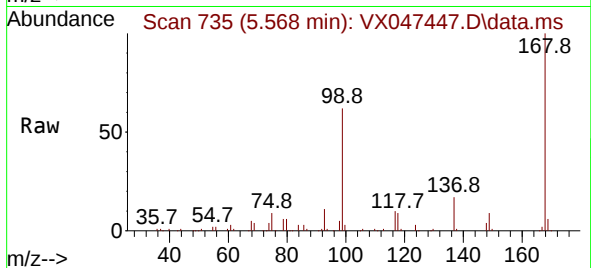




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047447.D
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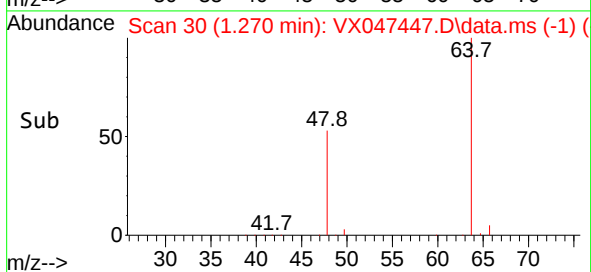
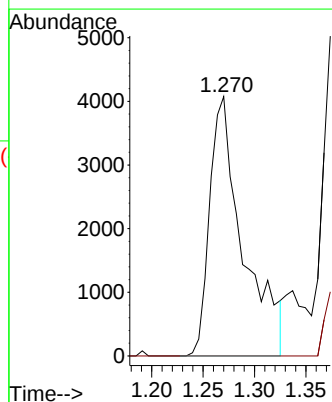
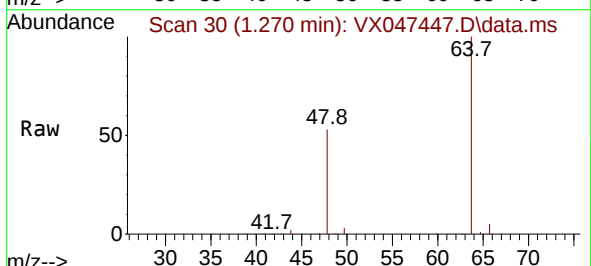
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

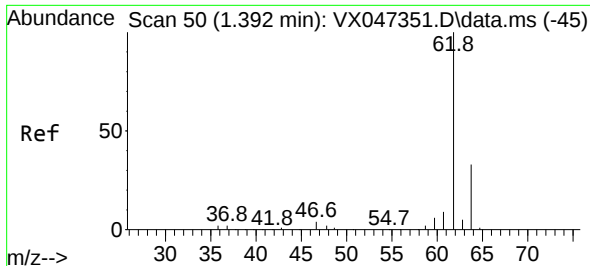
Tgt Ion:168 Resp: 207711
Ion Ratio Lower Upper
168 100
99 61.5 47.9 71.9



#3
Chloromethane
Concen: 3.850 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.043 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 50 Resp: 9170
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.4#

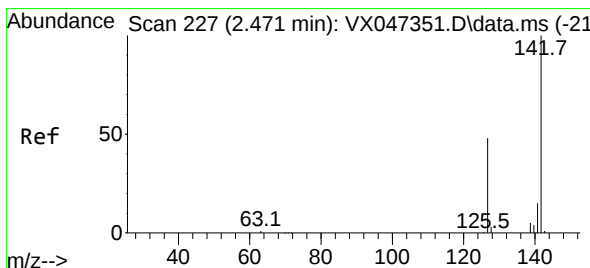
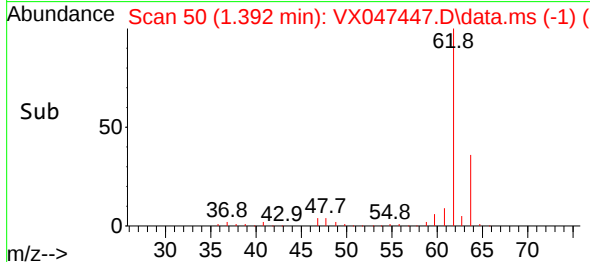
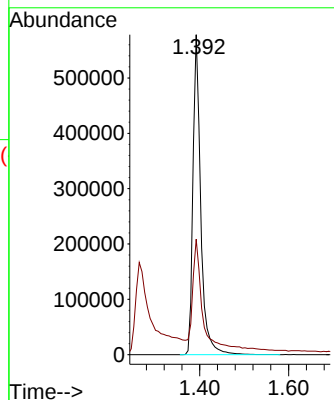
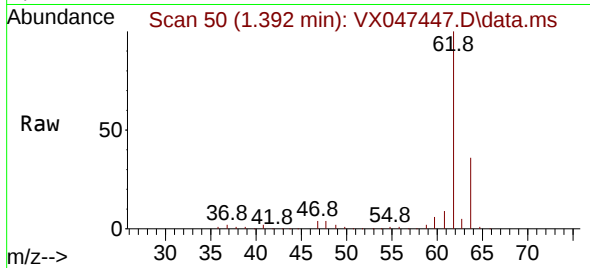




#4
 Vinyl Chloride
 Concen: 234.478 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VX047447.D
 Acq: 20 Aug 2025 16:52

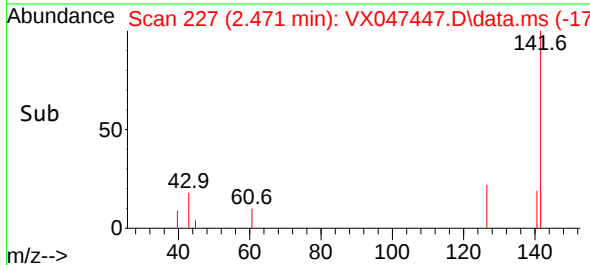
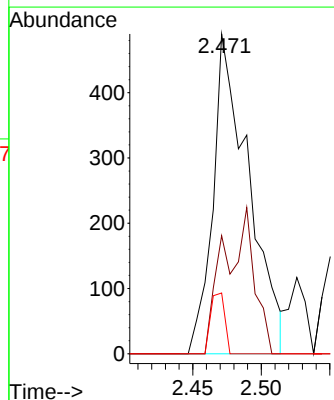
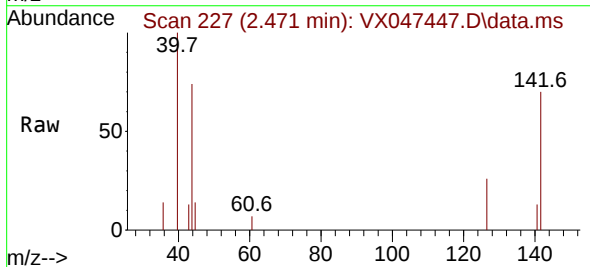
Instrument :
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 ClientSampleId :
 MW-11C-081825

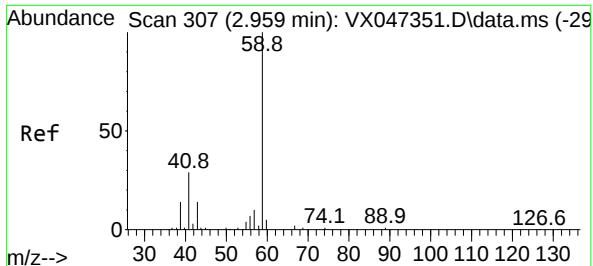
Tgt Ion: 62 Resp: 701030
 Ion Ratio Lower Upper
 62 100
 64 34.7 26.5 39.7



#10
 Methyl Iodide
 Concen: 0.202 ug/l
 RT: 2.471 min Scan# 227
 Delta R.T. 0.000 min
 Lab File: VX047447.D
 Acq: 20 Aug 2025 16:52

Tgt Ion: 142 Resp: 888
 Ion Ratio Lower Upper
 142 100
 127 38.4 36.1 54.1
 141 7.5 11.1 16.7#

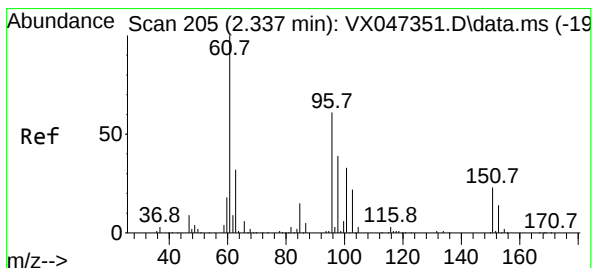
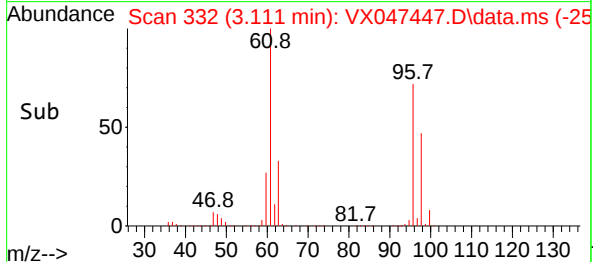
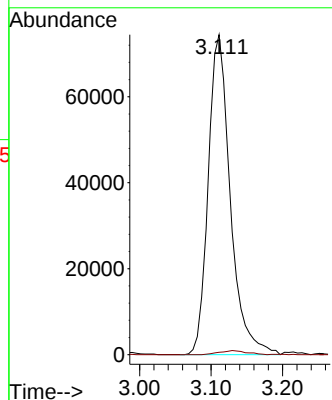
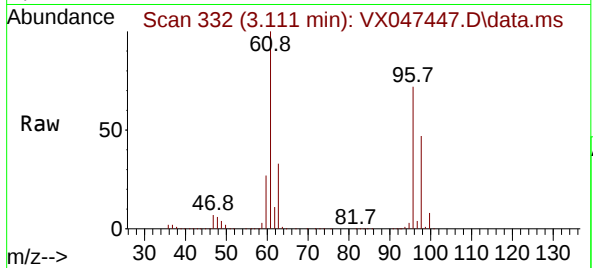




#11
Tert butyl alcohol
Concen: 631.517 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.153 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

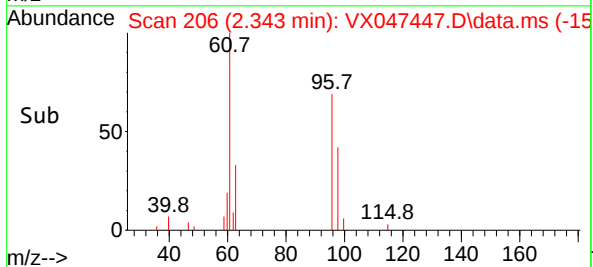
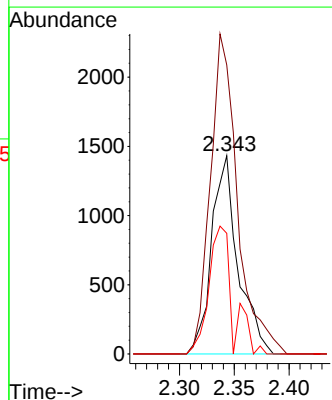
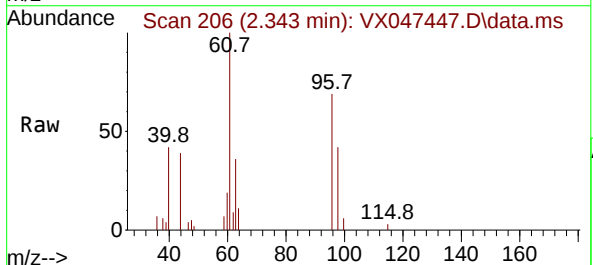
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

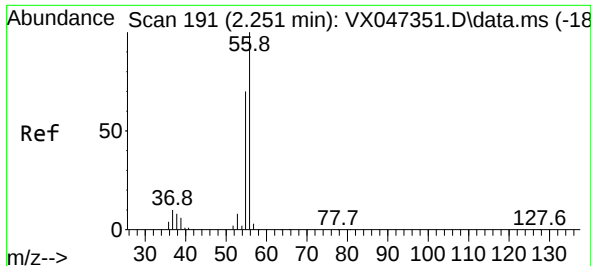
Tgt Ion: 59 Resp: 159705
Ion Ratio Lower Upper
59 100
57 1.6 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.918 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 96 Resp: 2402
Ion Ratio Lower Upper
96 100
61 145.8 132.2 198.2
98 60.9 51.2 76.8





#13

Acrolein

Concen: 0.931 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX047447.D

Acq: 20 Aug 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

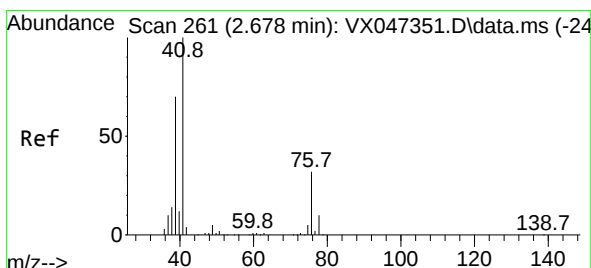
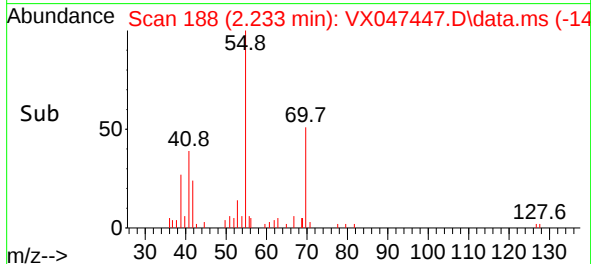
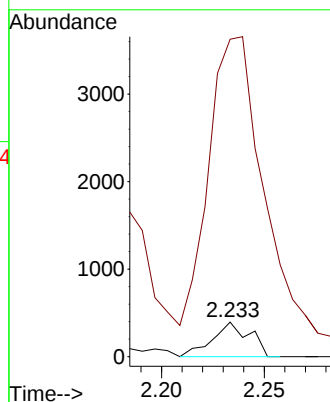
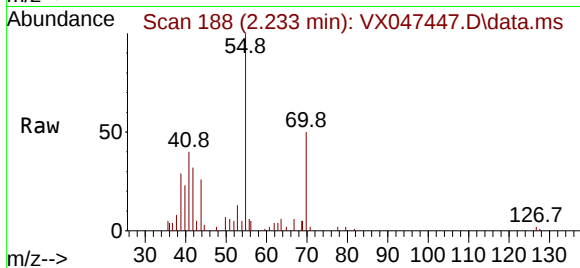
MW-11C-081825

Tgt Ion: 56 Resp: 497

Ion Ratio Lower Upper

56 100

55 1255.7 55.5 83.3#



#14

Allyl chloride

Concen: 0.682 ug/l

RT: 2.770 min Scan# 276

Delta R.T. 0.092 min

Lab File: VX047447.D

Acq: 20 Aug 2025 16:52

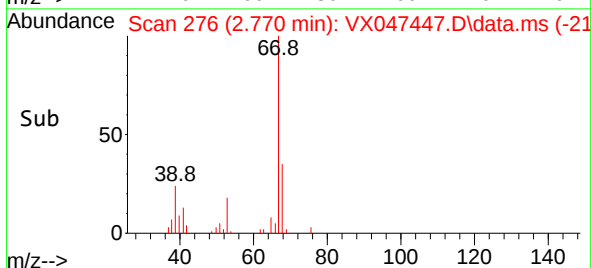
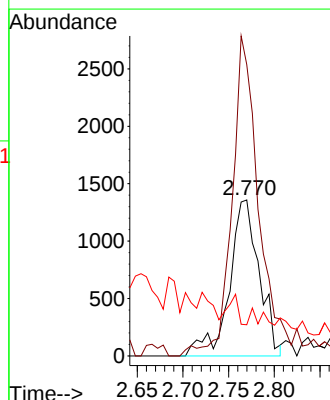
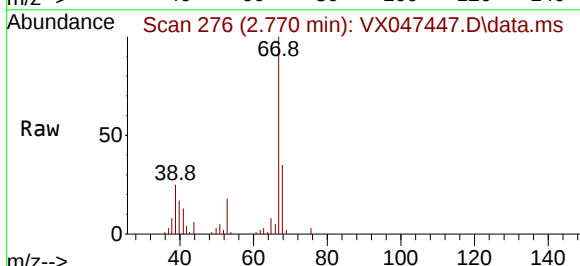
Tgt Ion: 41 Resp: 3096

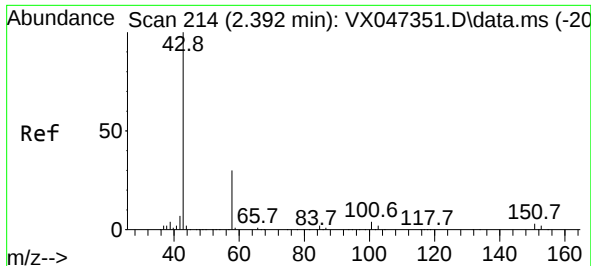
Ion Ratio Lower Upper

41 100

39 181.7 54.6 81.8#

76 0.0 27.6 41.4#

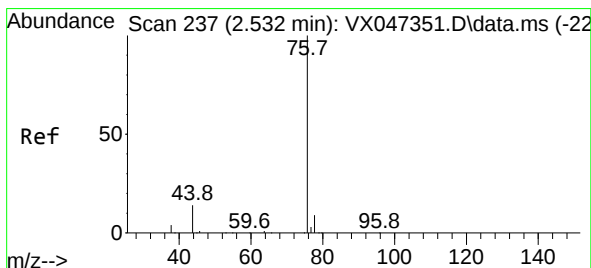
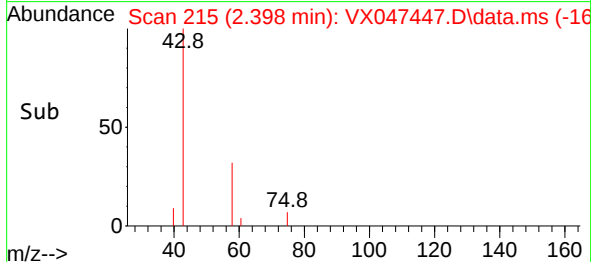
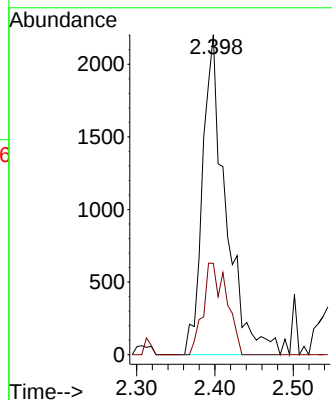
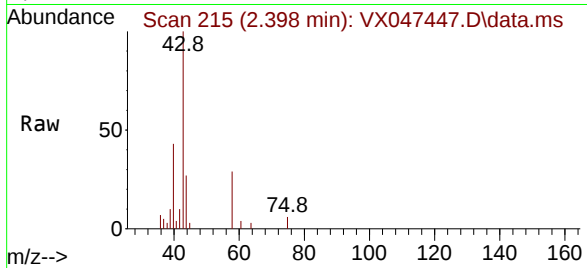




#16
Acetone
Concen: 4.170 ug/l
RT: 2.398 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

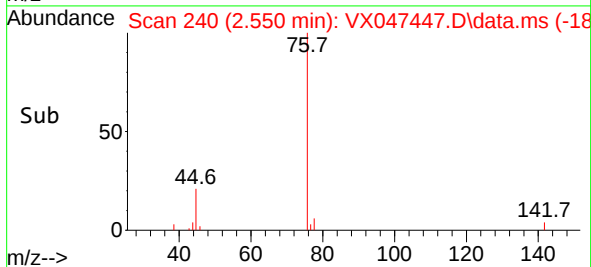
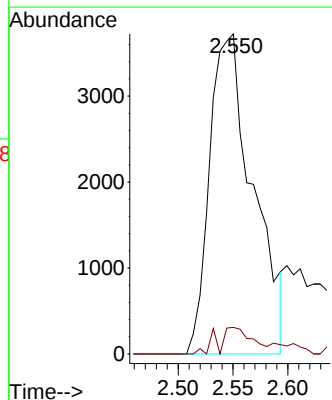
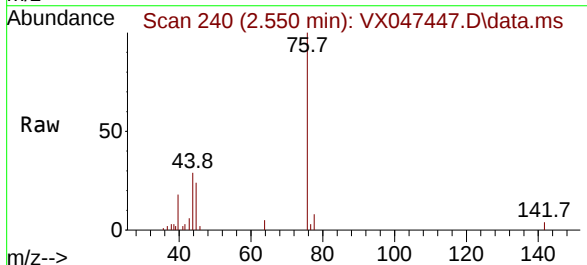
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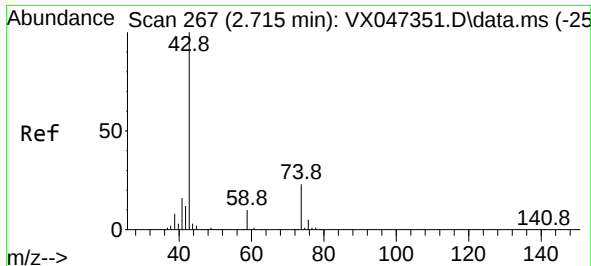
Tgt Ion: 43 Resp: 4556
Ion Ratio Lower Upper
43 100
58 22.4 24.8 37.2#



#17
Carbon Disulfide
Concen: 1.295 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.018 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 76 Resp: 10218
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8

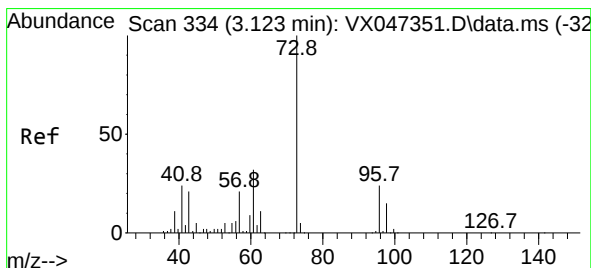
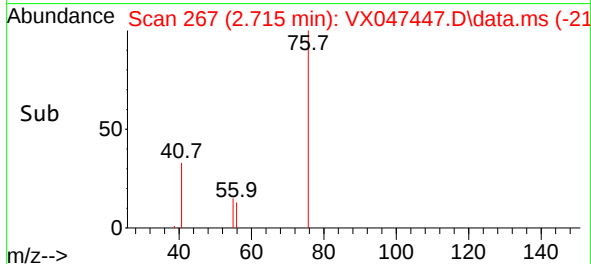
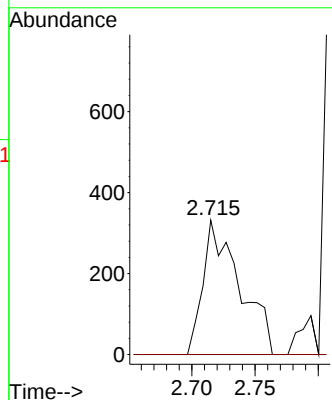
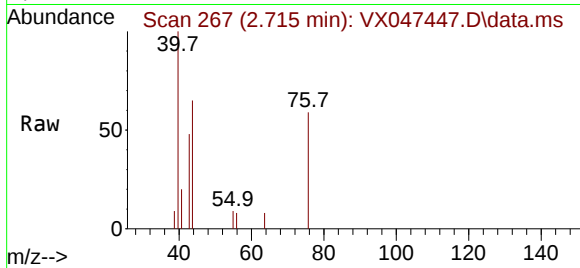




#18
Methyl Acetate
Concen: 0.236 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

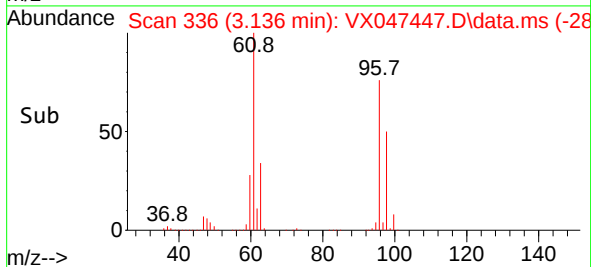
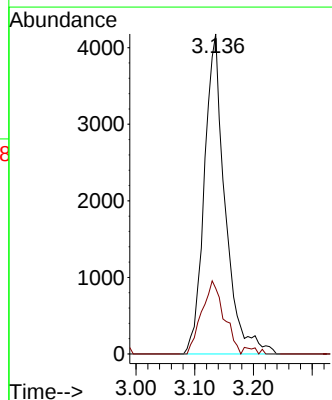
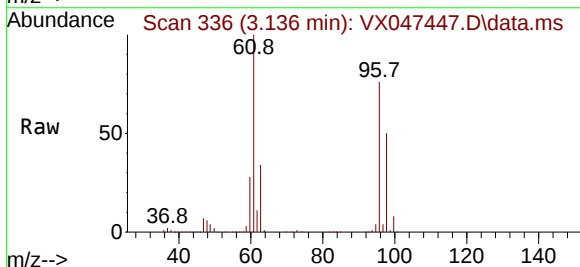
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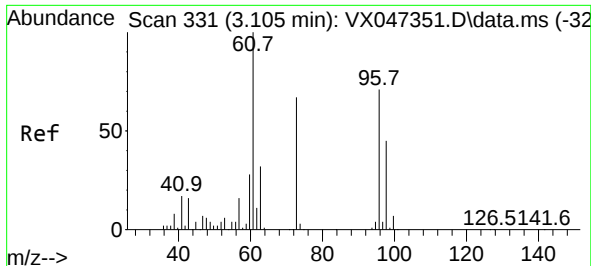
Tgt Ion: 43 Resp: 669
Ion Ratio Lower Upper
43 100
74 0.0 18.4 27.6#



#19
Methyl tert-butyl Ether
Concen: 1.291 ug/l
RT: 3.136 min Scan# 336
Delta R.T. 0.012 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 73 Resp: 10271
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.6

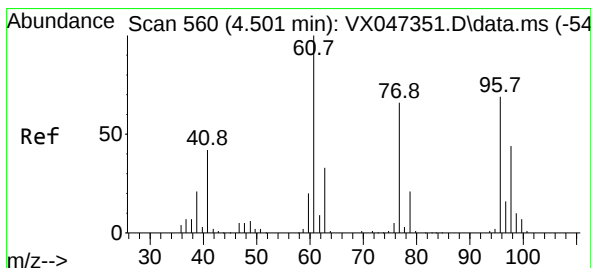
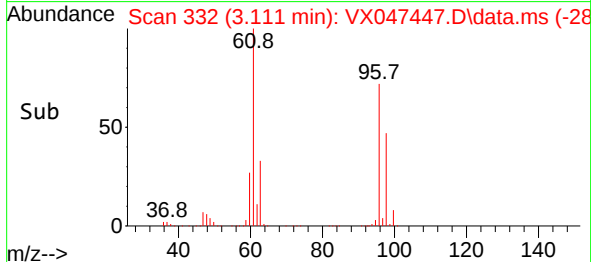
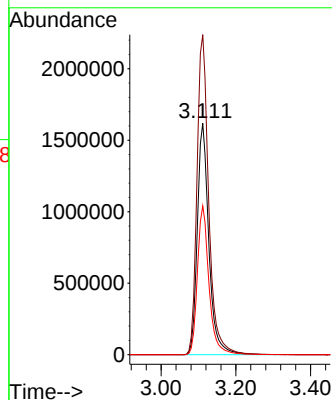
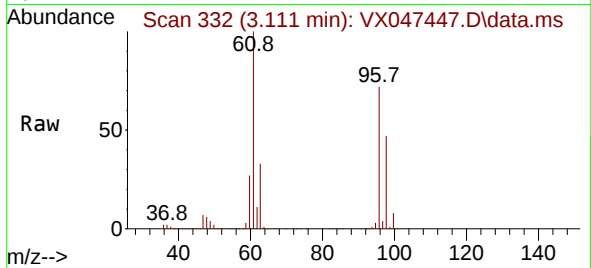




#21
trans-1,2-Dichloroethene
Concen: 1250.157 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

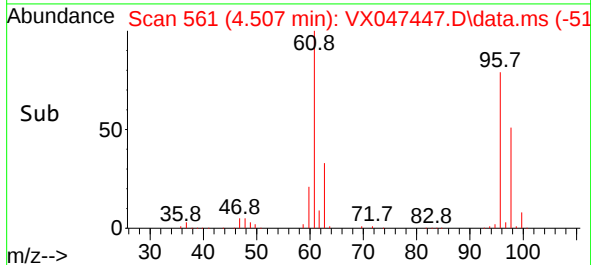
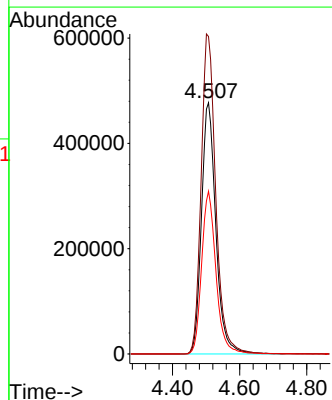
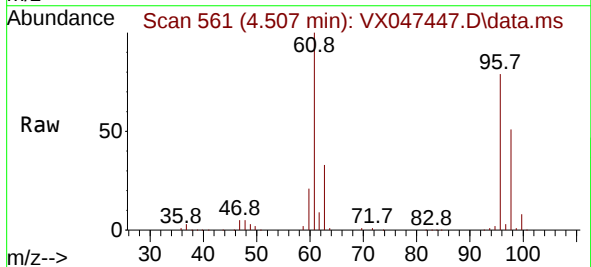
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

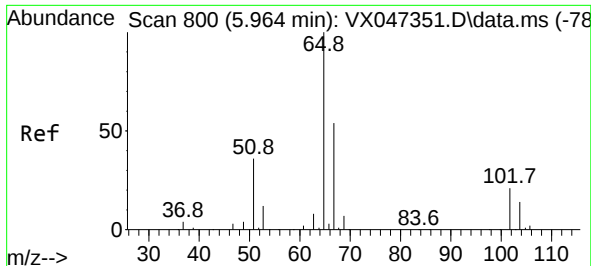
Tgt Ion: 96 Resp: 3470118
Ion Ratio Lower Upper
96 100
61 138.3 112.6 169.0
98 64.3 50.9 76.3



#27
cis-1,2-Dichloroethene
Concen: 439.617 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.006 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 96 Resp: 1421266
Ion Ratio Lower Upper
96 100
61 129.4 0.0 296.6
98 64.5 0.0 130.4

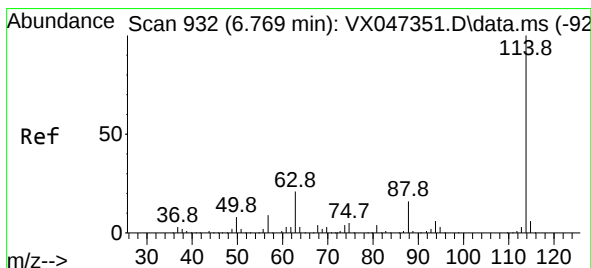
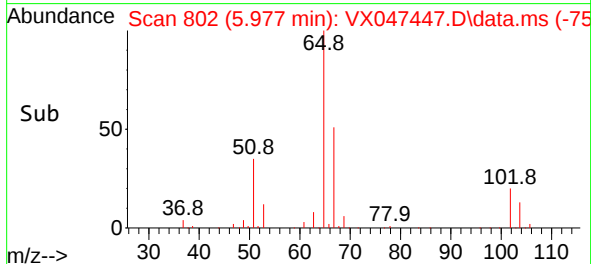
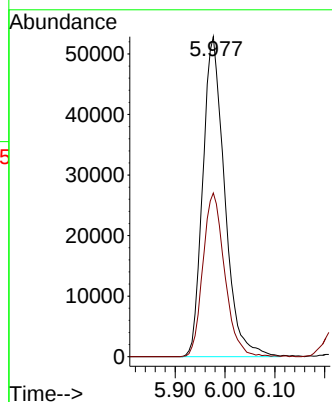
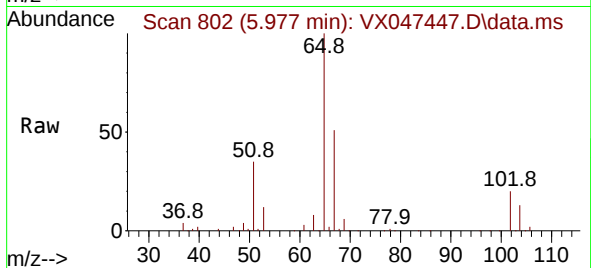




#33
 1,2-Dichloroethane-d4
 Concen: 55.320 ug/l
 RT: 5.977 min Scan# 800
 Delta R.T. 0.012 min
 Lab File: VX047447.D
 Acq: 20 Aug 2025 16:52

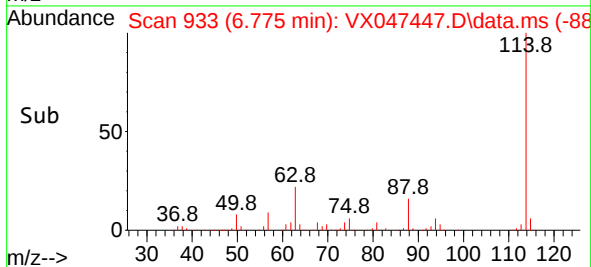
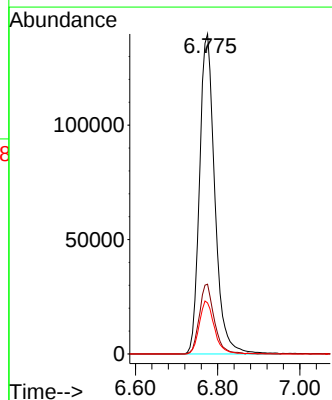
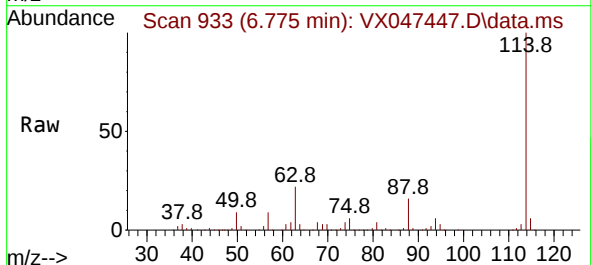
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11C-081825

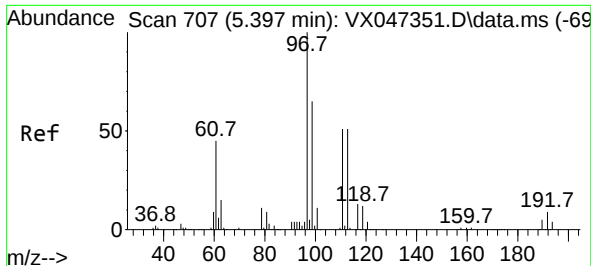
Tgt Ion: 65 Resp: 160814
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.006 min
 Lab File: VX047447.D
 Acq: 20 Aug 2025 16:52

Tgt Ion: 114 Resp: 360319
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 16.0 0.0 33.0

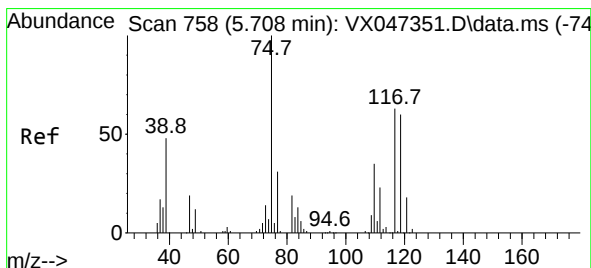
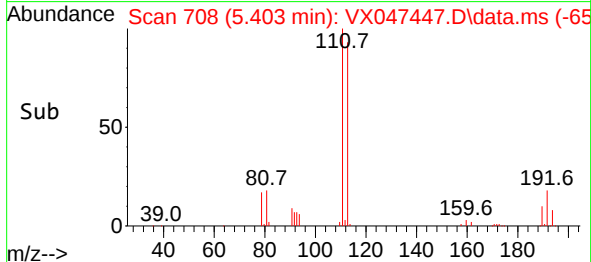
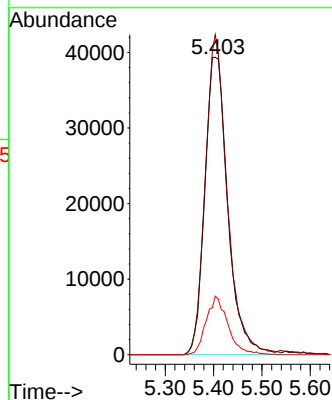
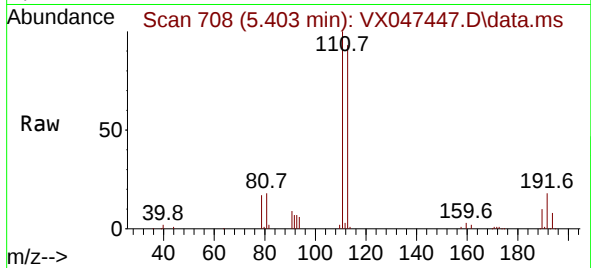




#35
Dibromofluoromethane
Concen: 55.935 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

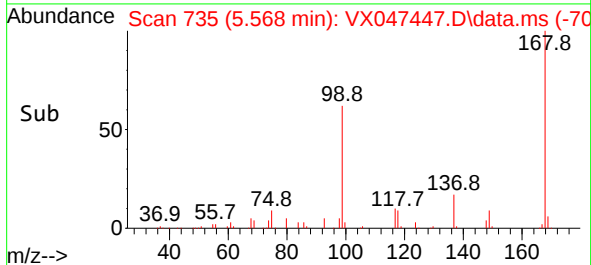
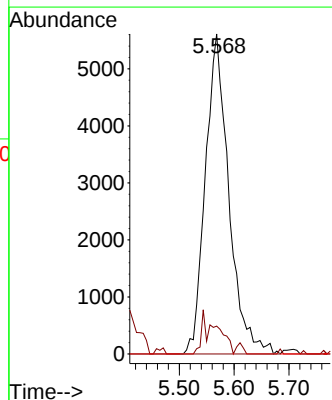
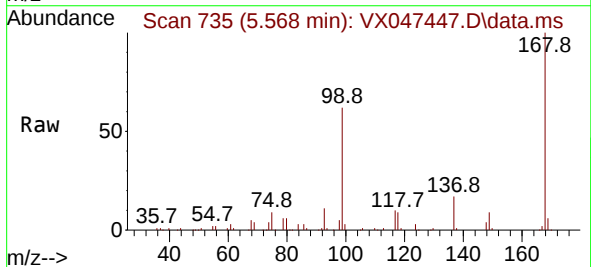
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

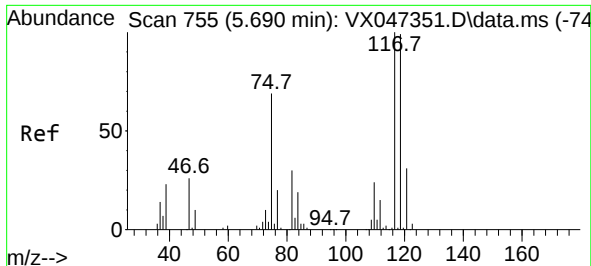
Tgt Ion:113 Resp: 130805
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.2
192 18.5 14.1 21.1



#36
1,1-Dichloropropene
Concen: 4.518 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.140 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

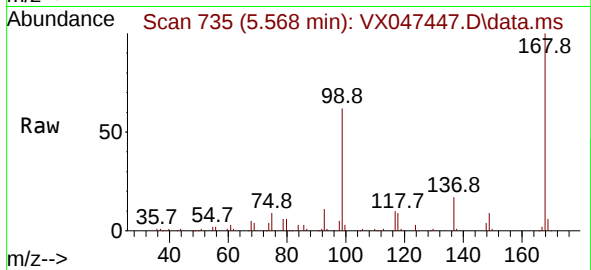
Tgt Ion: 75 Resp: 16677
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.2#
77 0.0 24.4 36.6#



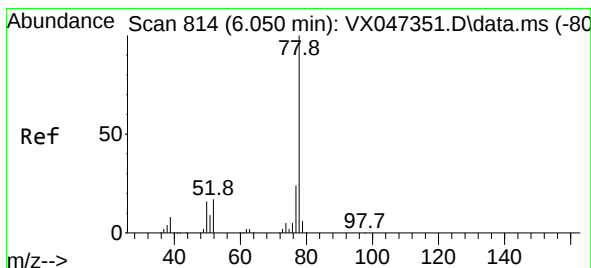
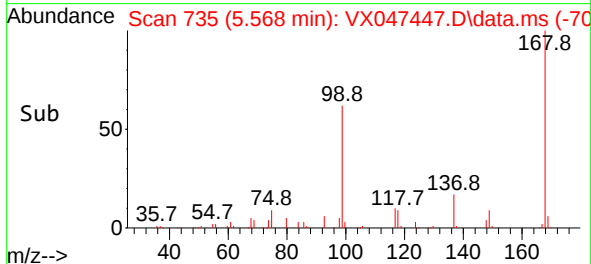
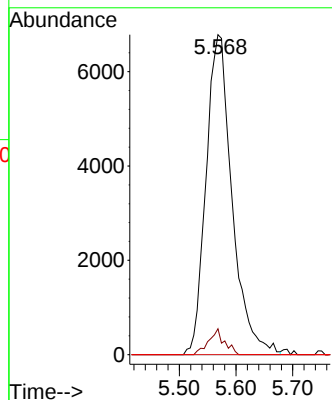


#38
Carbon Tetrachloride
Concen: 5.366 ug/l
RT: 5.568 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

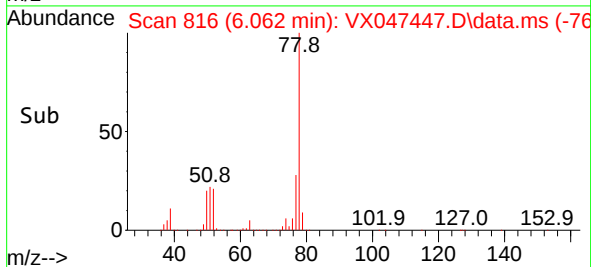
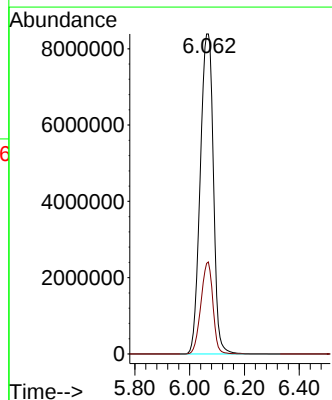
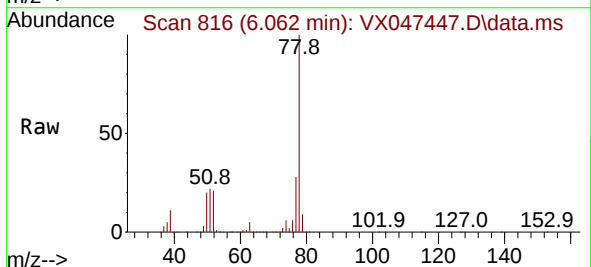


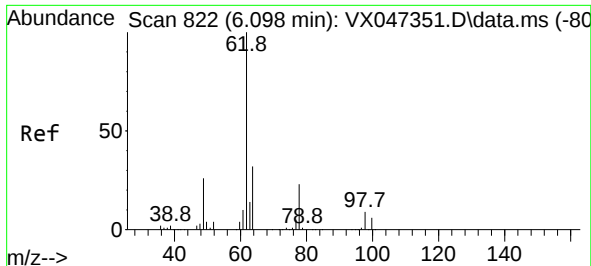
Tgt Ion:117 Resp: 21645
Ion Ratio Lower Upper
117 100
119 8.1 78.5 117.7#
121 0.0 24.7 37.1#



#40
Benzene
Concen: 2516.719 ug/l
RT: 6.062 min Scan# 816
Delta R.T. 0.012 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 78 Resp:27808097
Ion Ratio Lower Upper
78 100
77 28.3 19.0 28.4





#42

1,2-Dichloroethane

Concen: 70.742 ug/l

RT: 6.062 min Scan# 816

Delta R.T. -0.036 min

Lab File: VX047447.D

Acq: 20 Aug 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

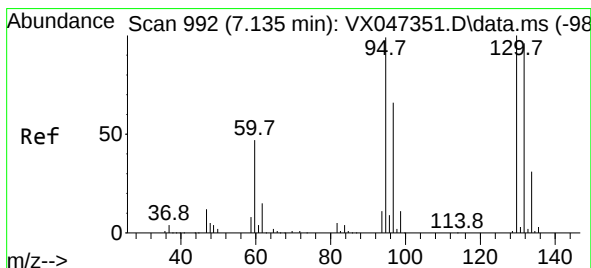
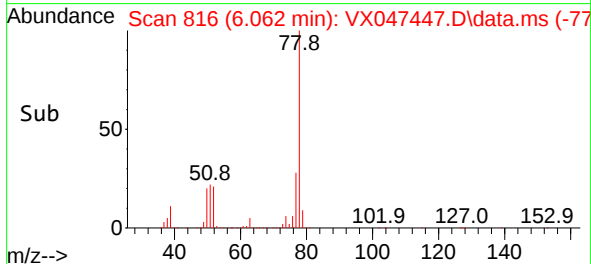
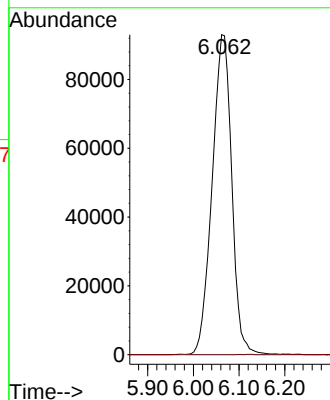
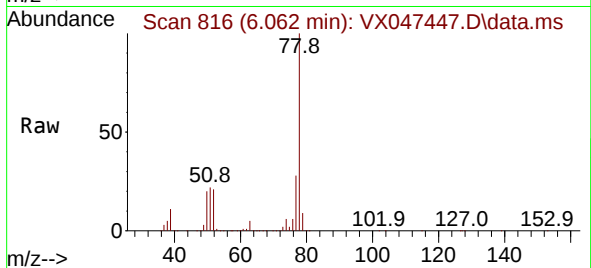
MW-11C-081825

Tgt Ion: 62 Resp: 276870

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#44

Trichloroethene

Concen: 49.588 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.000 min

Lab File: VX047447.D

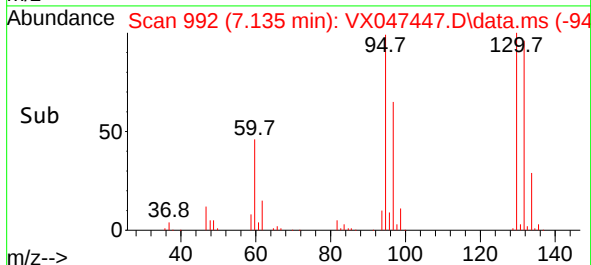
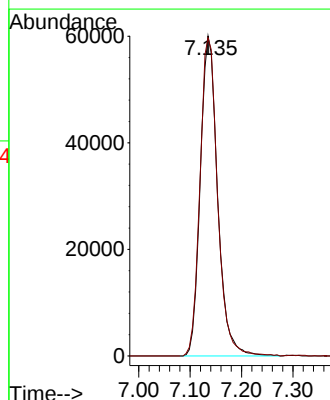
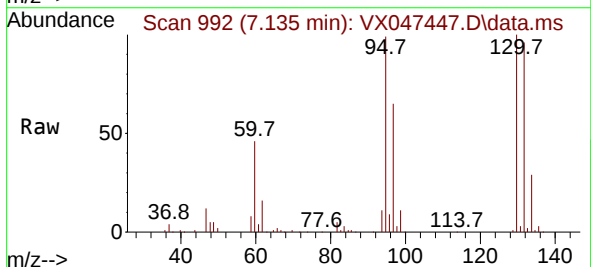
Acq: 20 Aug 2025 16:52

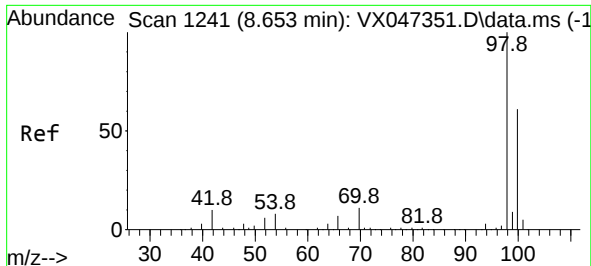
Tgt Ion:130 Resp: 140297

Ion Ratio Lower Upper

130 100

95 99.4 0.0 198.6

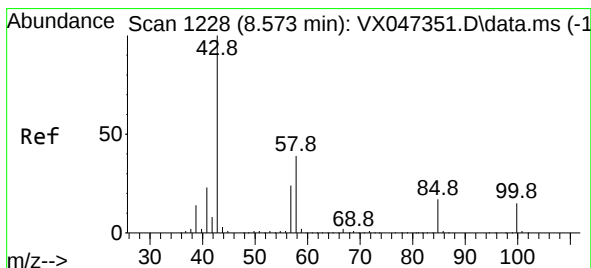
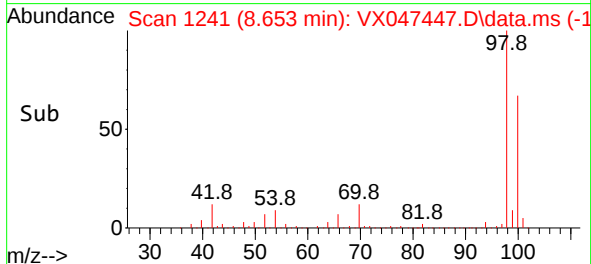
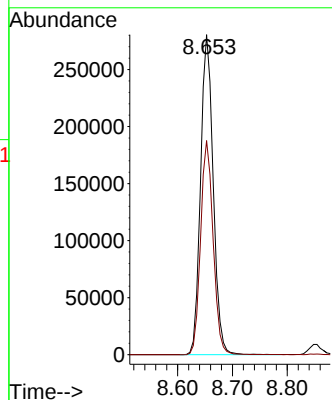
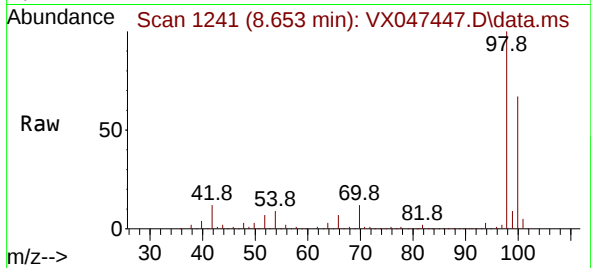




#50
Toluene-d8
Concen: 53.749 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

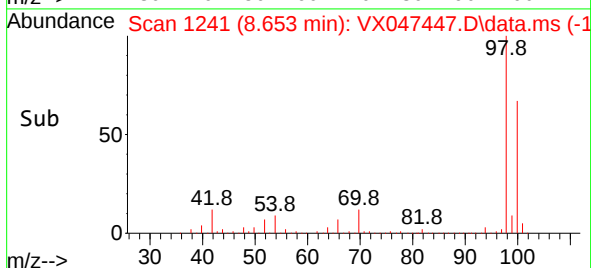
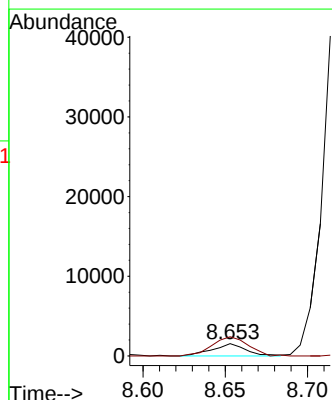
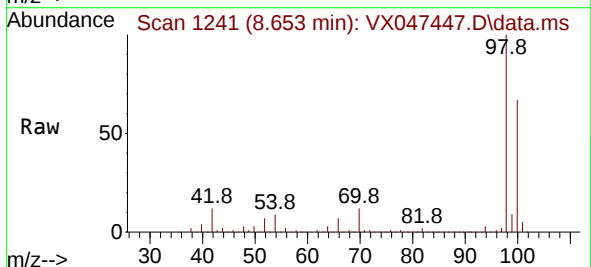
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

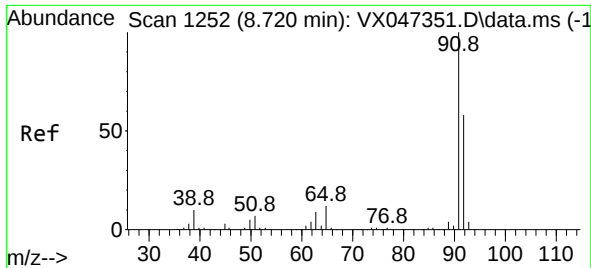
Tgt Ion: 98 Resp: 449256
Ion Ratio Lower Upper
98 100
100 66.4 53.9 80.9



#51
4-Methyl-2-Pentanone
Concen: 0.696 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 43 Resp: 2206
Ion Ratio Lower Upper
43 100
58 166.5 31.2 46.8#

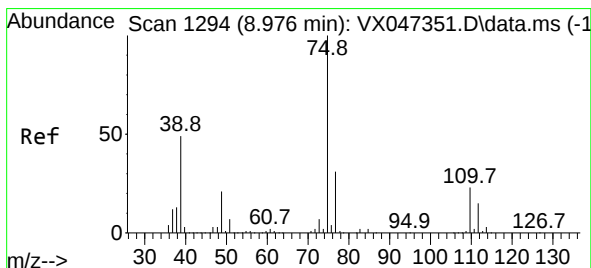
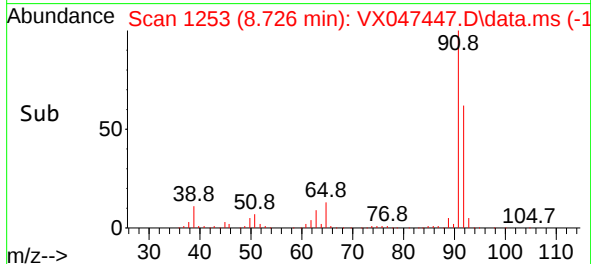
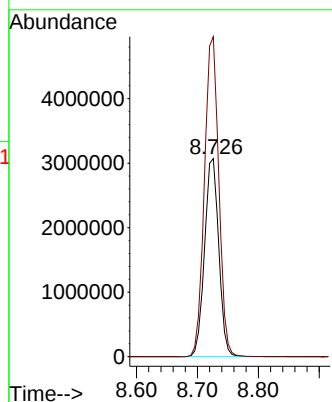
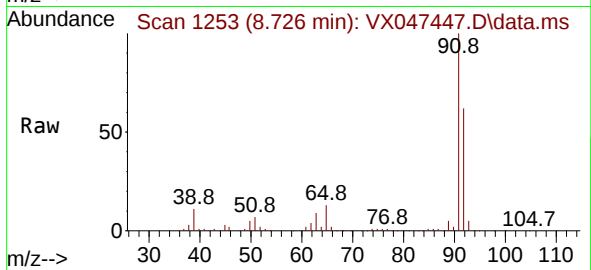




#52
Toluene
Concen: 729.639 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

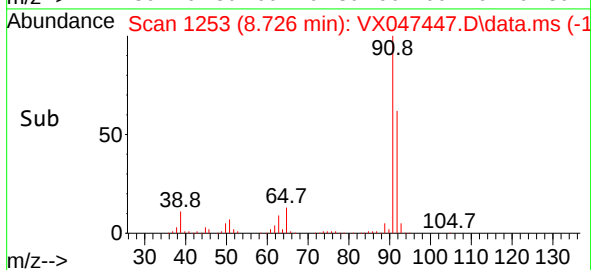
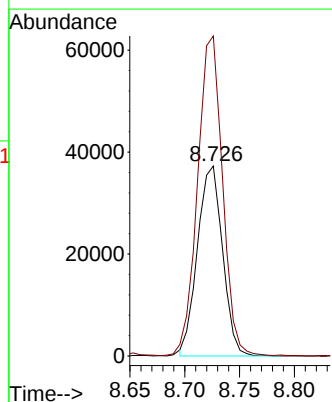
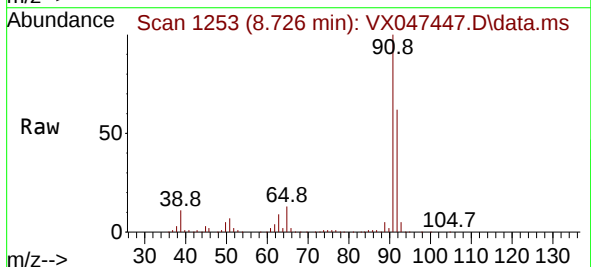
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

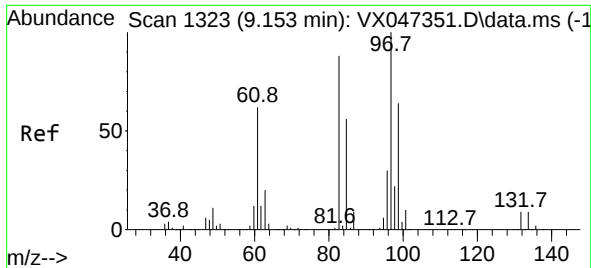
Tgt Ion: 92 Resp: 4981739
Ion Ratio Lower Upper
92 100
91 163.5 136.3 204.5



#53
t-1,3-Dichloropropene
Concen: 16.332 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.250 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 75 Resp: 59383
Ion Ratio Lower Upper
75 100
77 168.0 24.7 37.1#

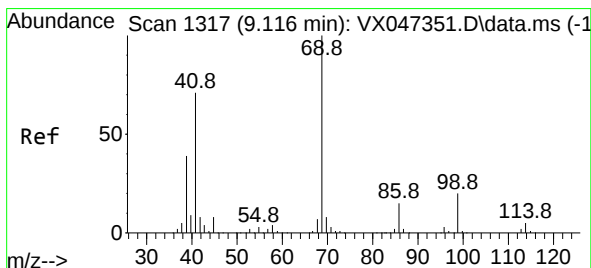
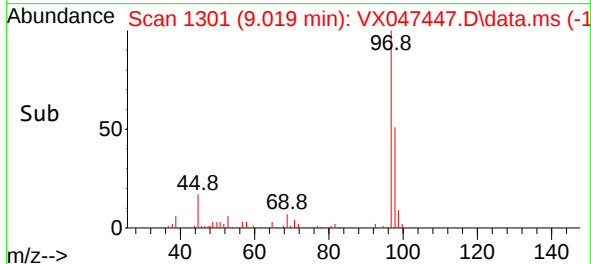
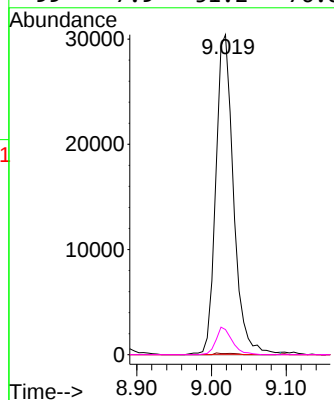
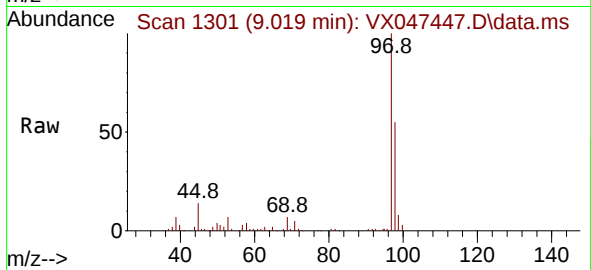




#55
1,1,2-Trichloroethane
Concen: 19.328 ug/l
RT: 9.019 min Scan# 1301
Delta R.T. -0.134 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

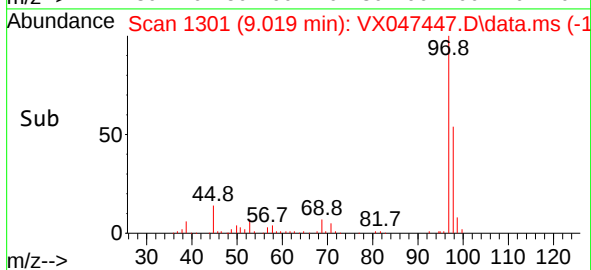
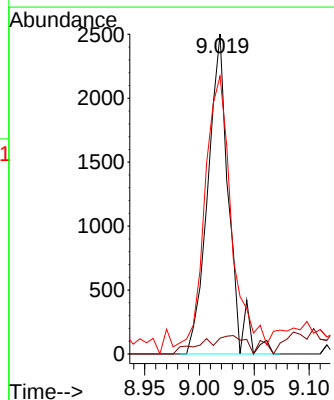
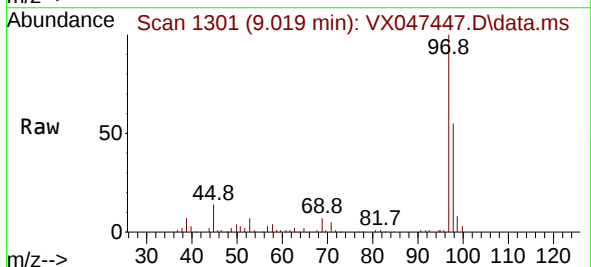
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

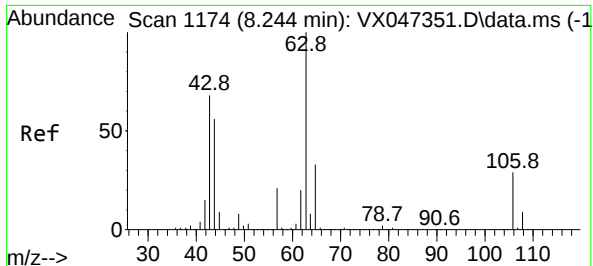
Tgt Ion:	97	Resp:	50104
Ion	Ratio	Lower	Upper
97	100		
83	0.4	70.6	106.0#
85	0.0	44.7	67.1#
99	7.9	51.2	76.8#



#56
Ethyl methacrylate
Concen: 0.873 ug/l
RT: 9.019 min Scan# 1301
Delta R.T. -0.097 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion:	69	Resp:	3335
Ion	Ratio	Lower	Upper
69	100		
41	11.6	55.3	82.9#
39	110.2	30.2	45.2#

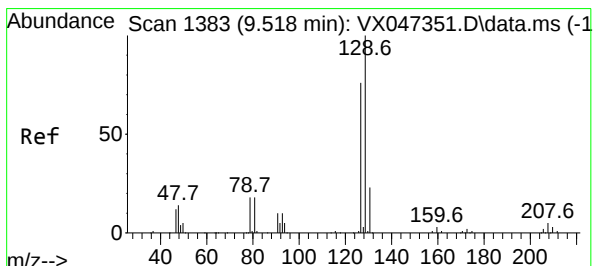
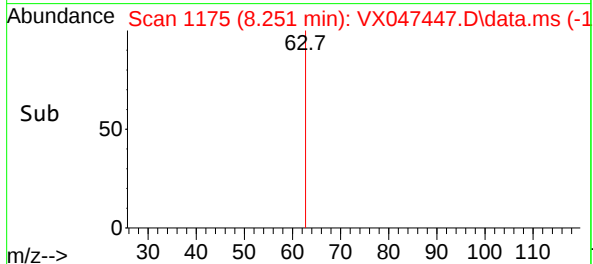
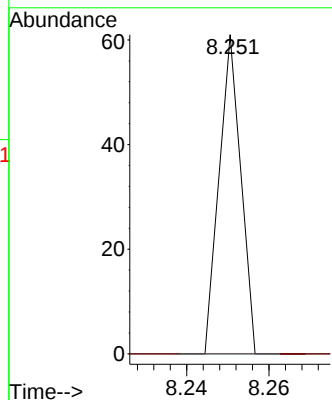
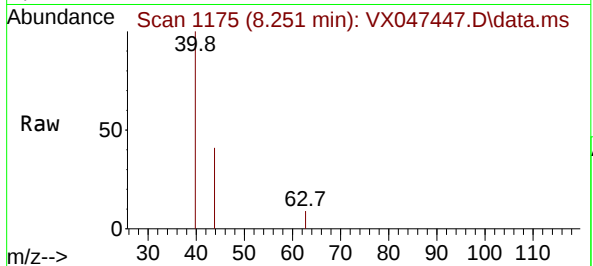




#58
2-Chloroethyl Vinyl ether
Concen: 8.367 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

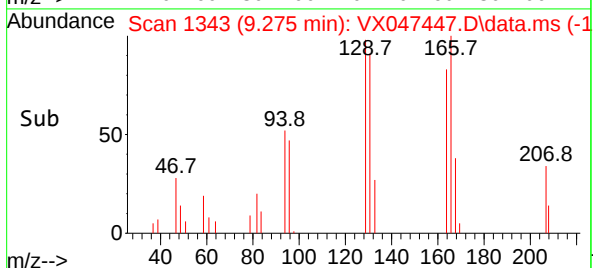
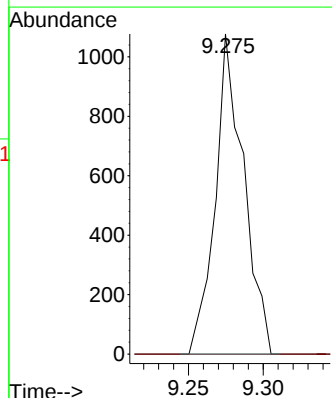
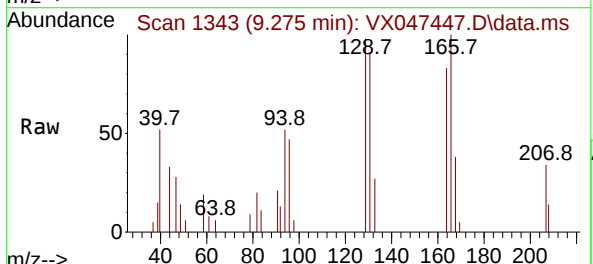
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

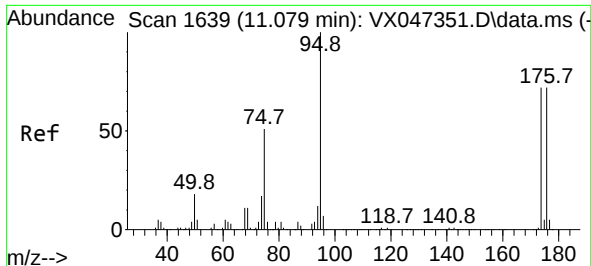
Tgt Ion: 63 Resp: 22
Ion Ratio Lower Upper
63 100
106 0.0 22.8 34.2#



#60
Dibromochloromethane
Concen: 0.462 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 129 Resp: 1422
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.6#

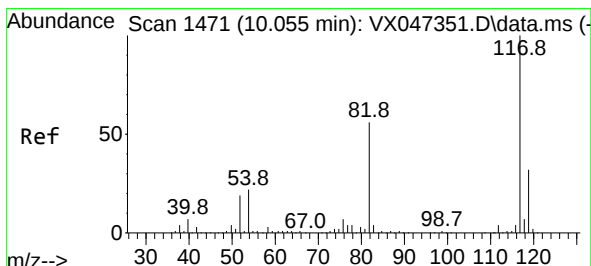
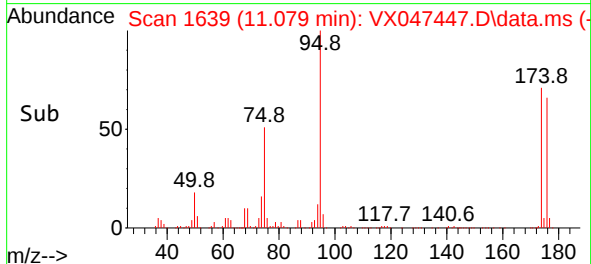
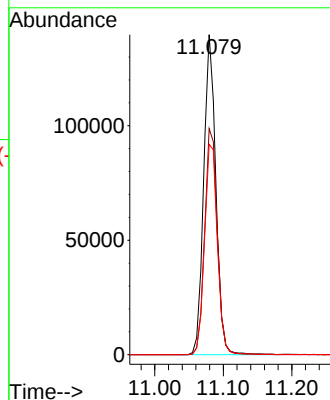
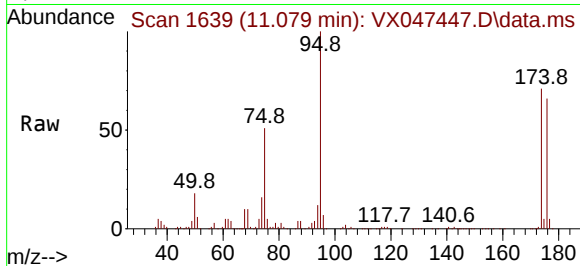




#62
4-Bromofluorobenzene
Concen: 55.916 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

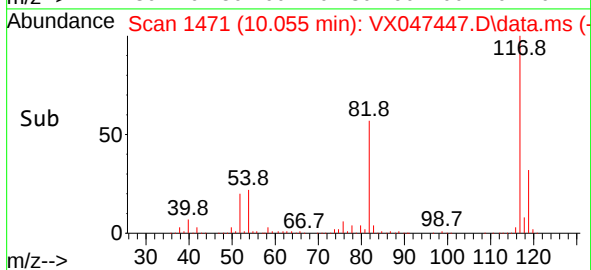
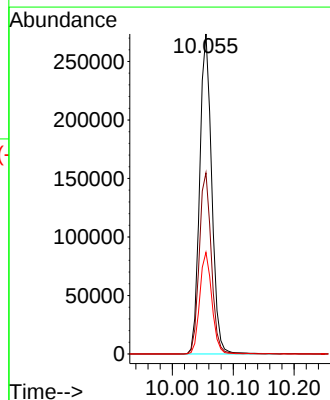
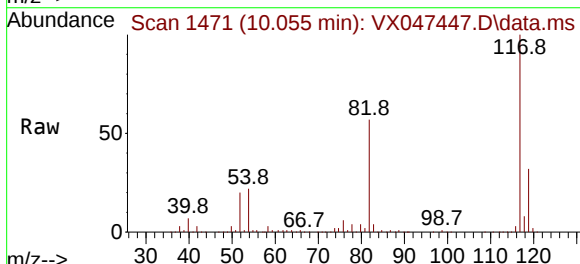
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

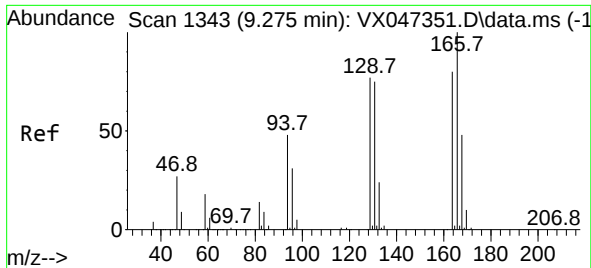
Tgt Ion: 95 Resp: 172469
Ion Ratio Lower Upper
95 100
174 73.9 0.0 148.0
176 69.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 117 Resp: 375441
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 31.8 25.8 38.8

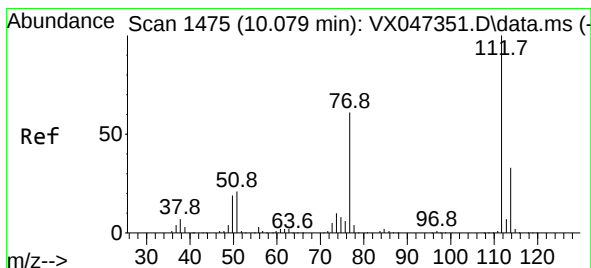
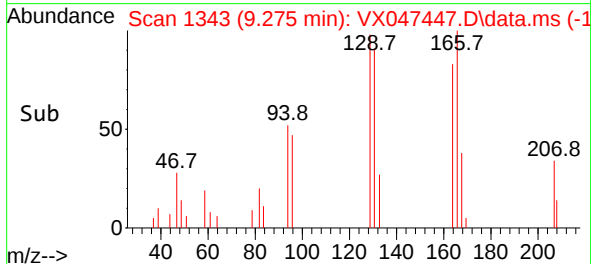
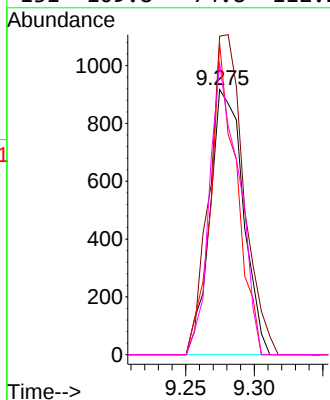
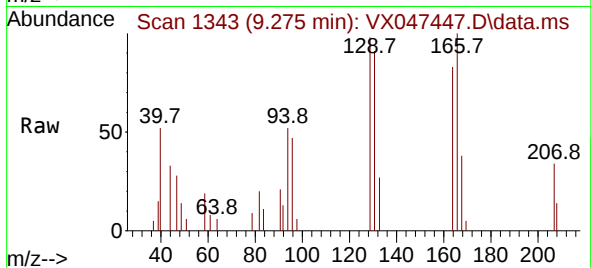




#64
Tetrachloroethene
Concen: 0.572 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

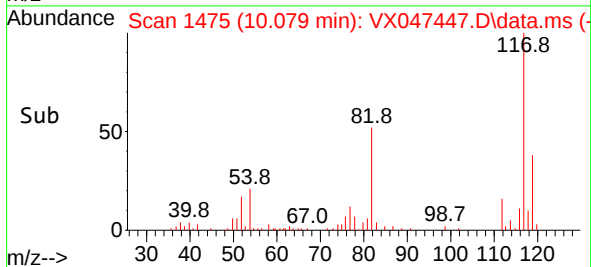
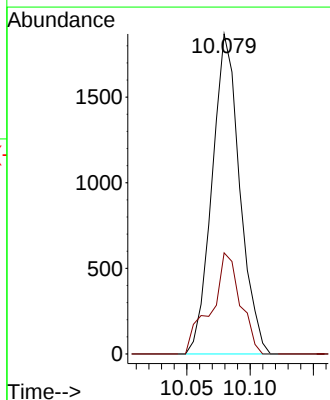
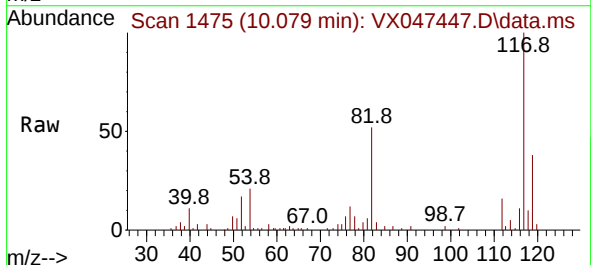
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

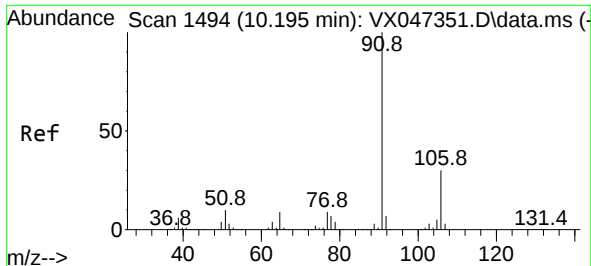
Tgt Ion:164	Resp:	1552
Ion	Ratio	Lower Upper
164	100	
166	120.2	100.3 150.5
129	117.4	77.7 116.5#
131	109.8	74.8 112.2



#65
Chlorobenzene
Concen: 0.319 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion:112	Resp:	2846
Ion	Ratio	Lower Upper
112	100	
114	28.5	26.4 39.6

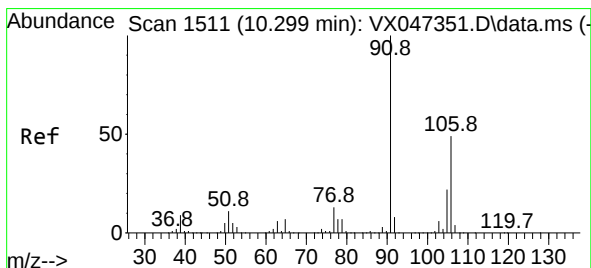
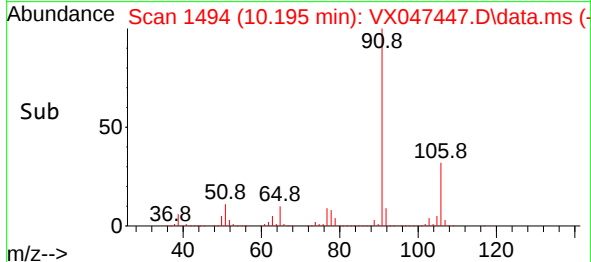
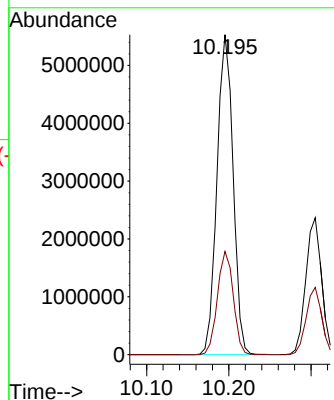
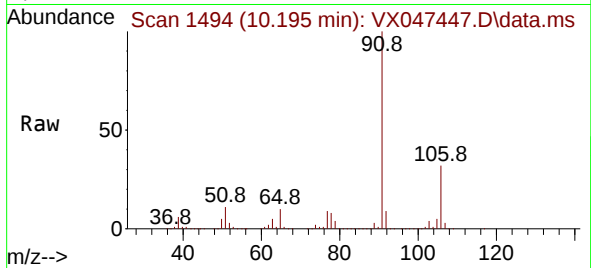




#67
Ethyl Benzene
Concen: 490.906 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

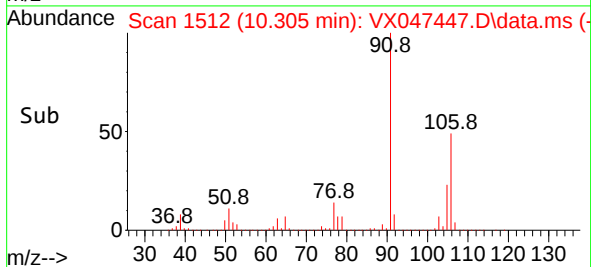
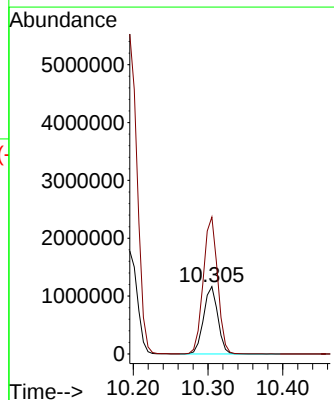
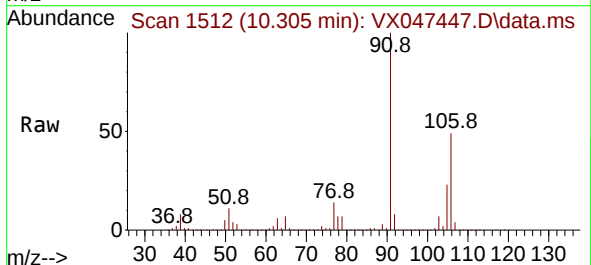
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

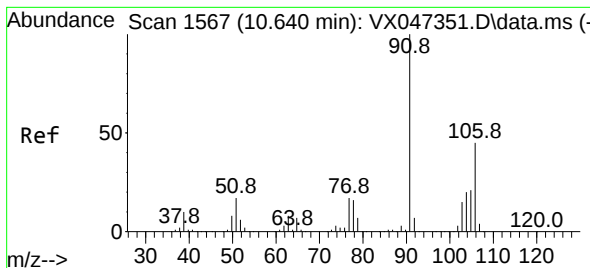
Tgt Ion: 91 Resp: 7538323
Ion Ratio Lower Upper
91 100
106 32.2 24.4 36.6



#68
m/p-Xylenes
Concen: 267.552 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 106 Resp: 1531967
Ion Ratio Lower Upper
106 100
91 205.9 164.7 247.1





#69

o-Xylene

Concen: 366.022 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047447.D

Acq: 20 Aug 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

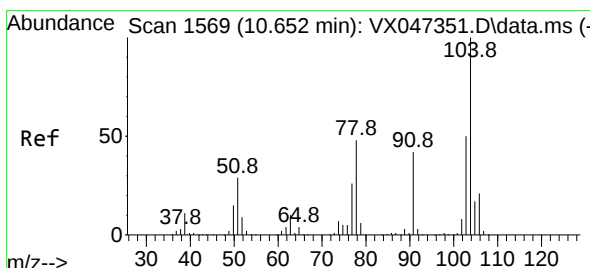
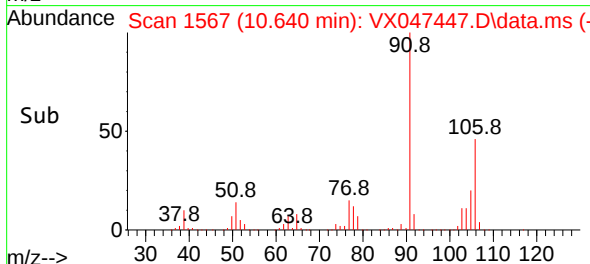
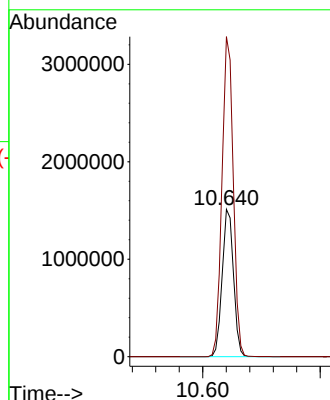
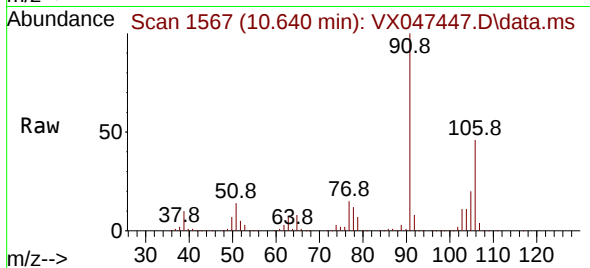
MW-11C-081825

Tgt Ion:106 Resp: 2016861

Ion Ratio Lower Upper

106 100

91 216.3 110.6 331.8



#70

Styrene

Concen: 279.548 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX047447.D

Acq: 20 Aug 2025 16:52

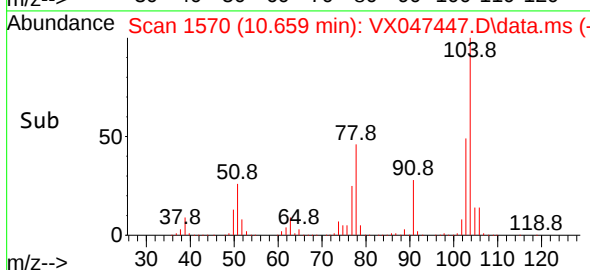
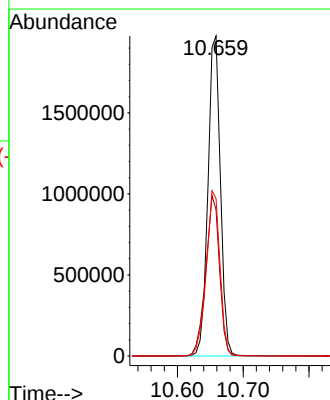
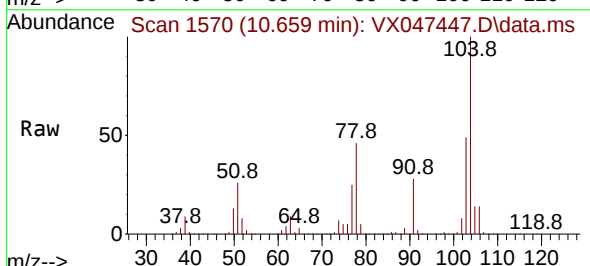
Tgt Ion:104 Resp: 2602706

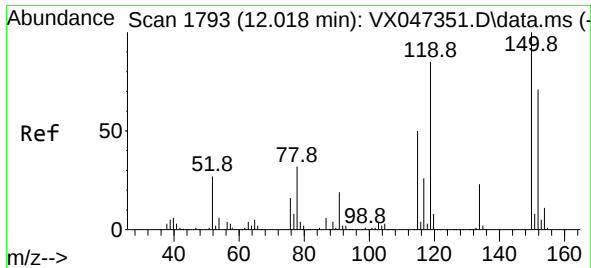
Ion Ratio Lower Upper

104 100

78 55.6 41.8 62.8

103 56.9 43.6 65.4

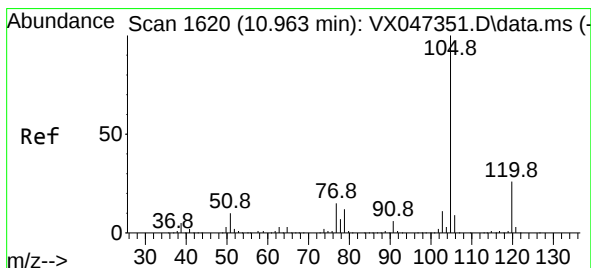
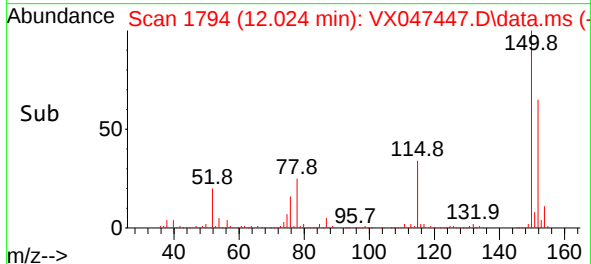
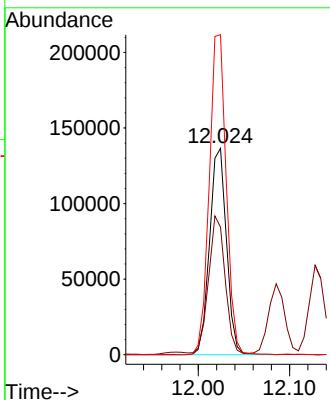
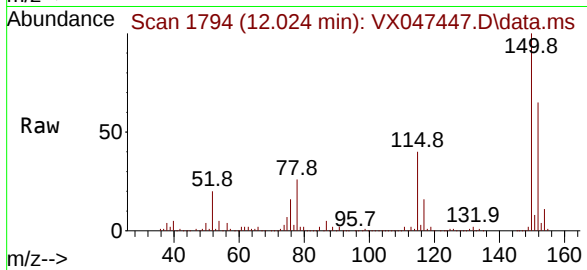




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

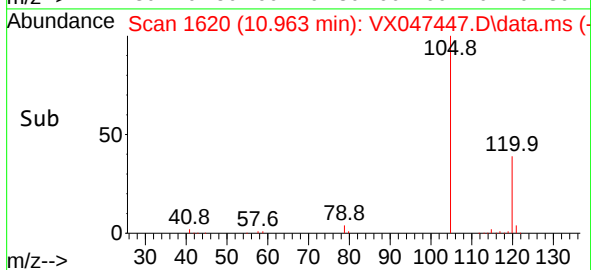
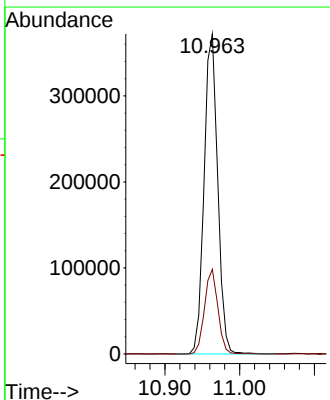
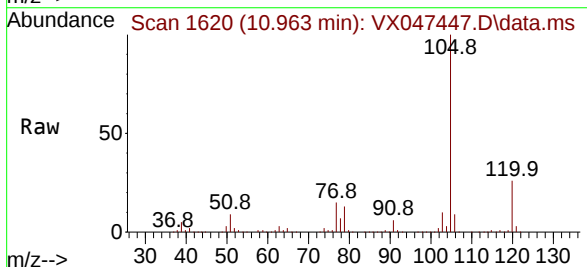
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

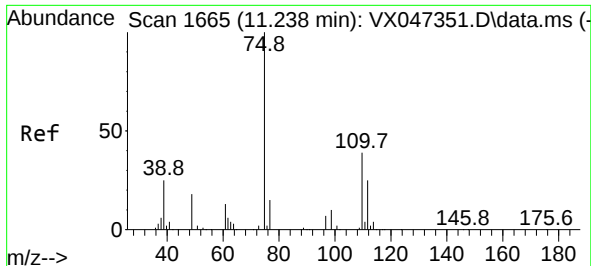
Tgt Ion:152 Resp: 174957
Ion Ratio Lower Upper
152 100
115 64.8 44.6 133.8
150 156.1 0.0 349.8



#73
Isopropylbenzene
Concen: 34.233 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion:105 Resp: 468689
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

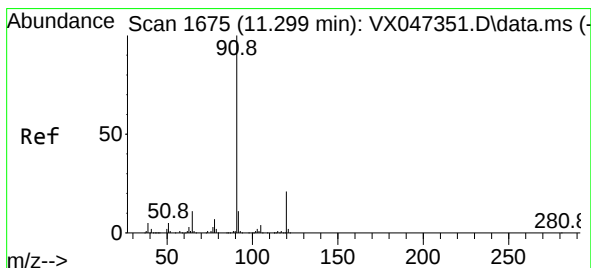
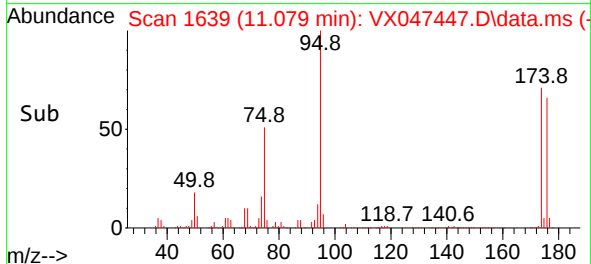
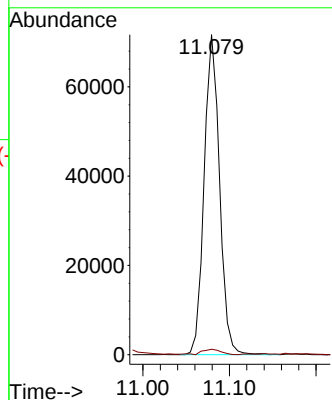
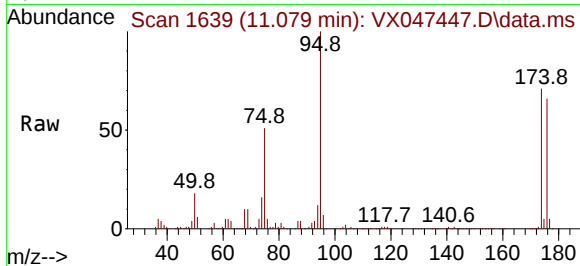




#76
1,2,3-Trichloropropane
Concen: 27.577 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

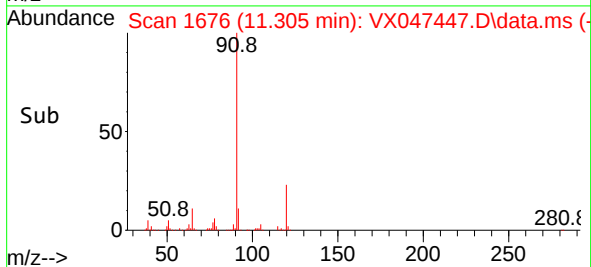
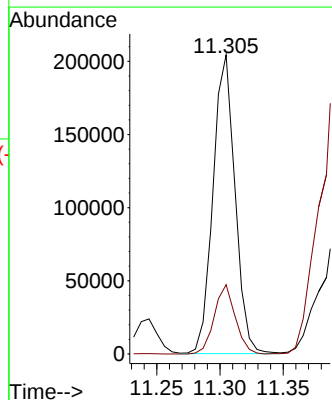
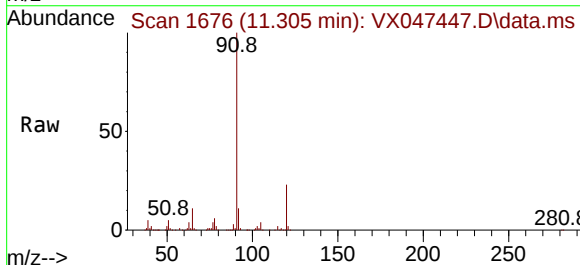
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

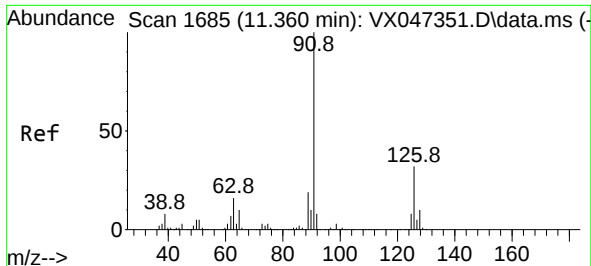
Tgt Ion: 75 Resp: 88491
Ion Ratio Lower Upper
75 100
77 0.0 19.4 58.2#



#78
n-propylbenzene
Concen: 15.118 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 91 Resp: 247205
Ion Ratio Lower Upper
91 100
120 22.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 20.174 ug/l

RT: 11.396 min Scan# 1

Delta R.T. 0.037 min

Lab File: VX047447.D

Acq: 20 Aug 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

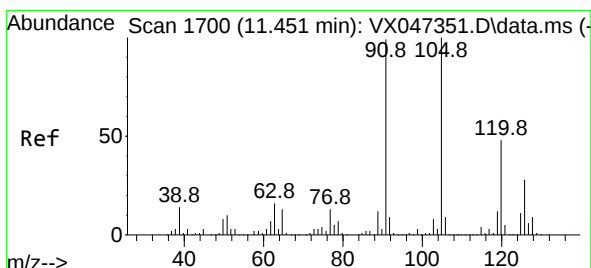
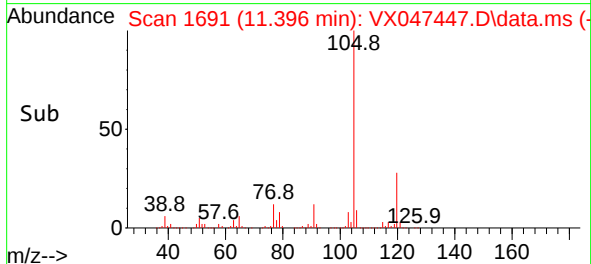
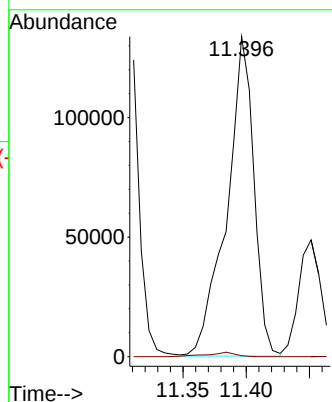
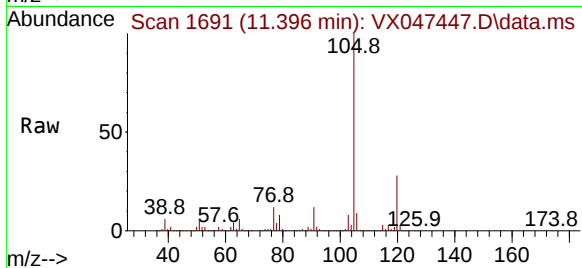
MW-11C-081825

Tgt Ion: 91 Resp: 199412

Ion Ratio Lower Upper

91 100

126 1.4 16.7 50.1#



#80

1,3,5-Trimethylbenzene

Concen: 48.772 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX047447.D

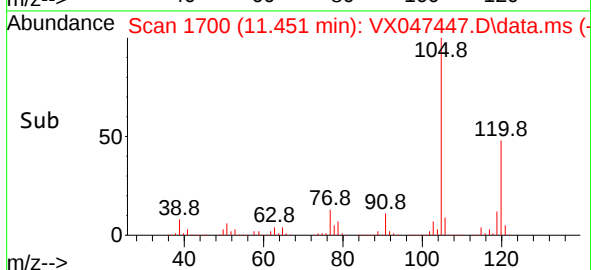
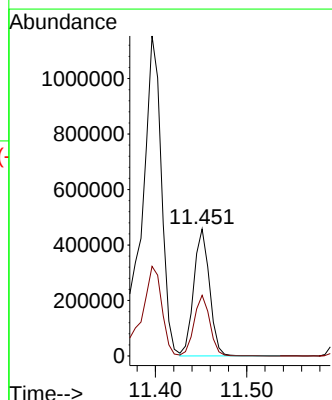
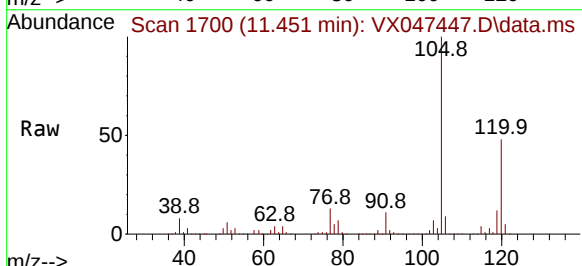
Acq: 20 Aug 2025 16:52

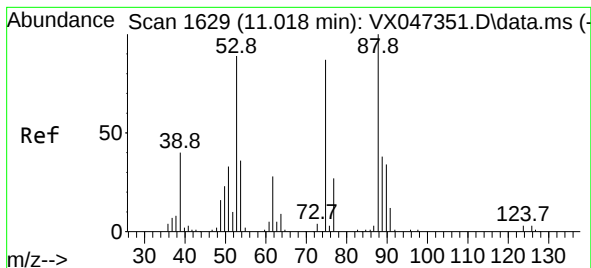
Tgt Ion: 105 Resp: 549417

Ion Ratio Lower Upper

105 100

120 47.7 23.9 71.7

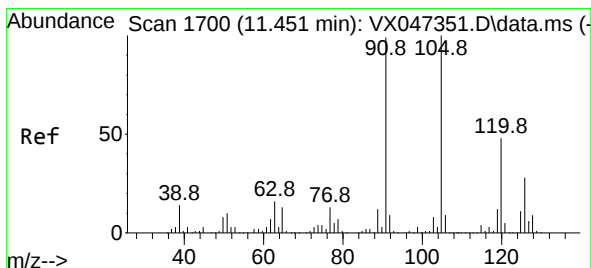
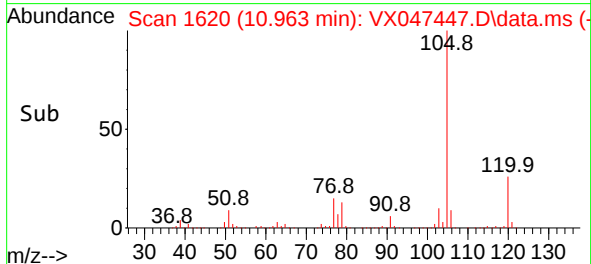
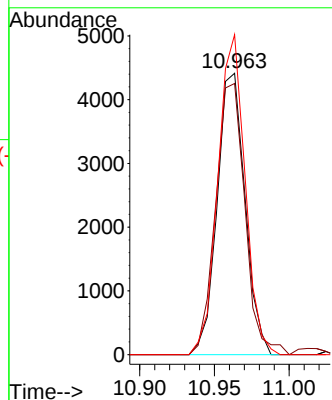
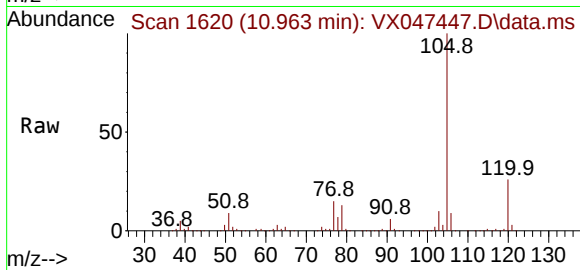




#81
trans-1,4-Dichloro-2-butene
Concen: 14.413 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.055 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

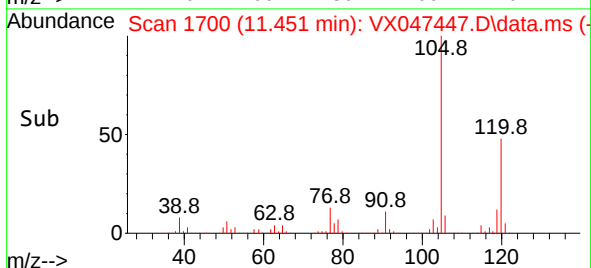
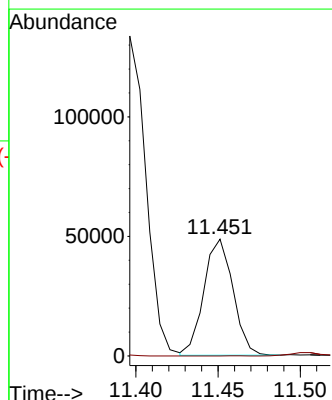
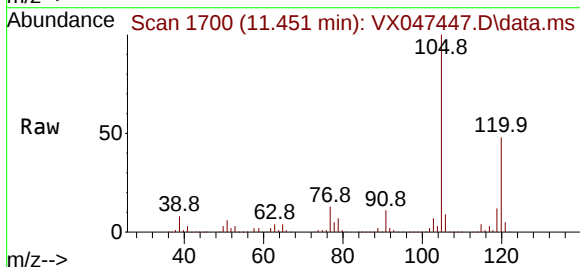
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

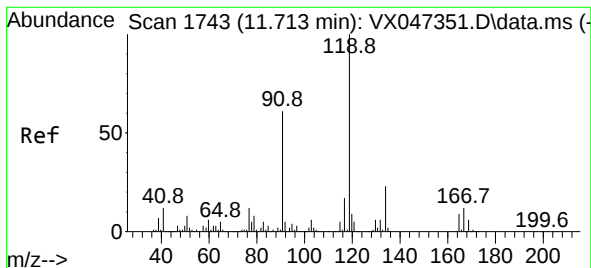
Tgt Ion: 75 Resp: 5736
Ion Ratio Lower Upper
75 100
53 100.9 85.2 127.8
89 110.3 36.7 55.1#



#82
4-Chlorotoluene
Concen: 5.136 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 91 Resp: 59845
Ion Ratio Lower Upper
91 100
126 0.0 14.4 43.0#





#83

tert-Butylbenzene

Concen: 28.943 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.037 min

Lab File: VX047447.D

Acq: 20 Aug 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

MW-11C-081825

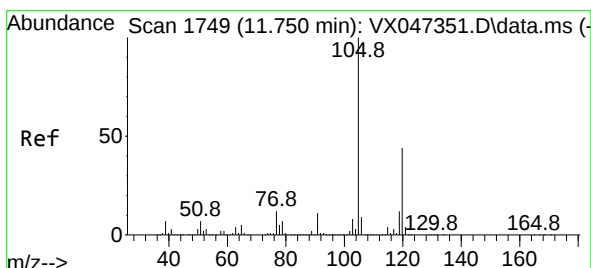
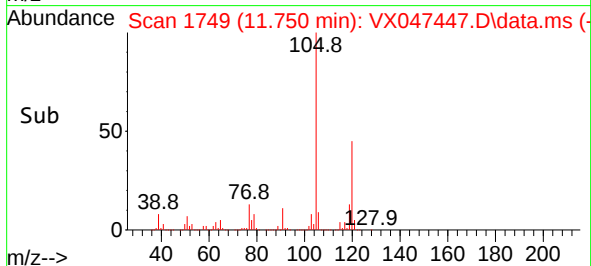
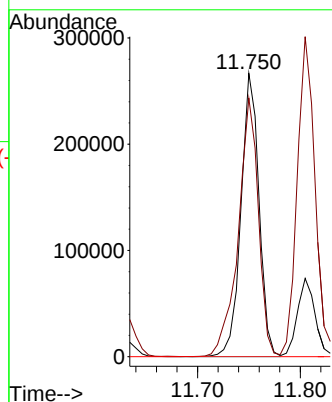
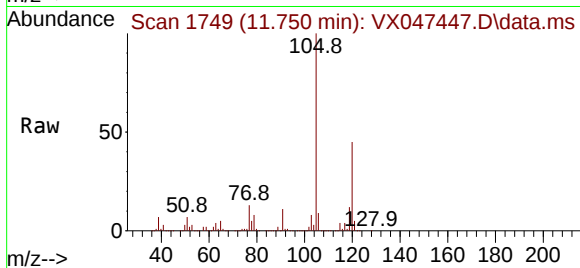
Tgt Ion:119 Resp: 325286

Ion Ratio Lower Upper

119 100

91 101.9 29.1 87.4#

134 0.0 11.3 33.9#



#84

1,2,4-Trimethylbenzene

Concen: 235.056 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047447.D

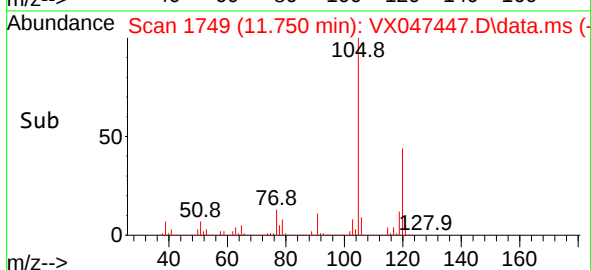
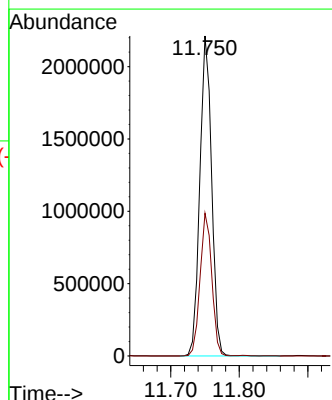
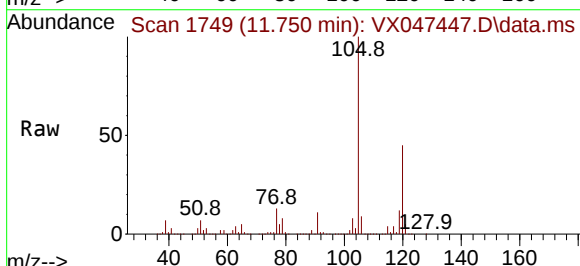
Acq: 20 Aug 2025 16:52

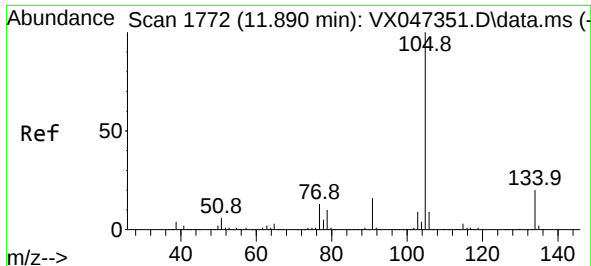
Tgt Ion:105 Resp: 2647951

Ion Ratio Lower Upper

105 100

120 44.4 21.9 65.7

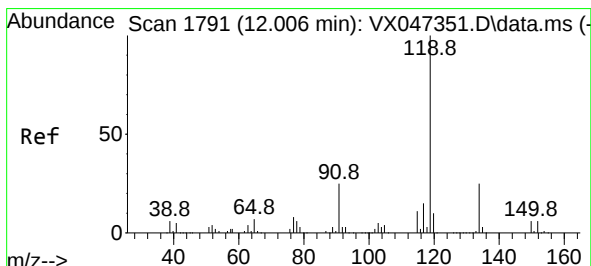
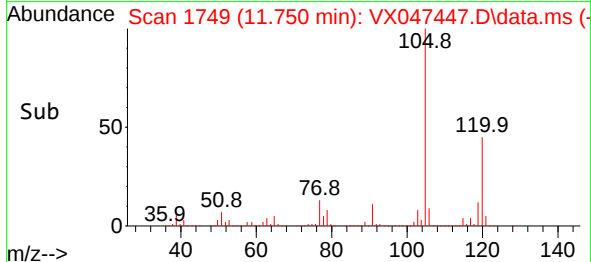
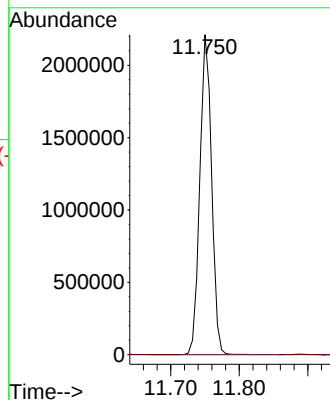
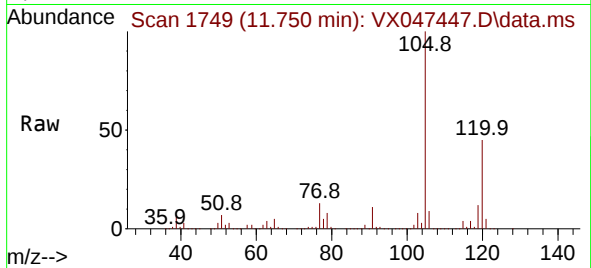




#85
 sec-Butylbenzene
 Concen: 190.090 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.140 min
 Lab File: VX047447.D
 Acq: 20 Aug 2025 16:52

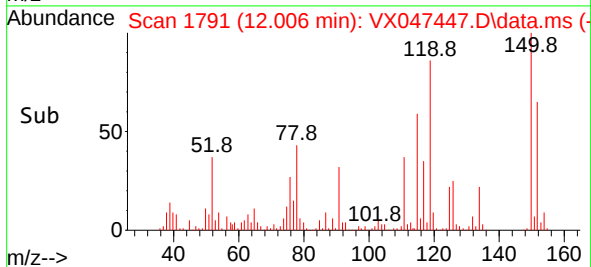
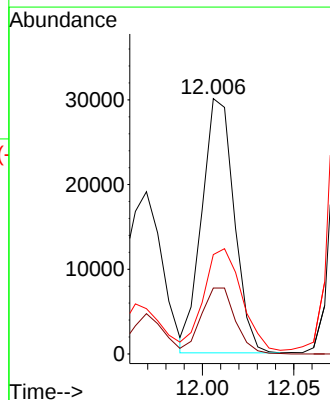
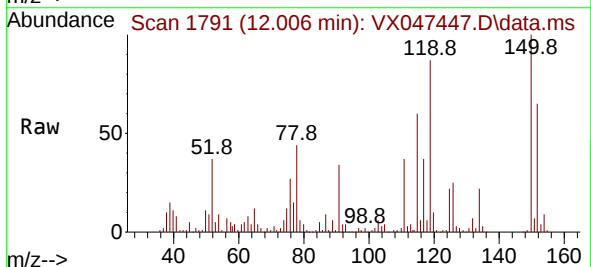
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11C-081825

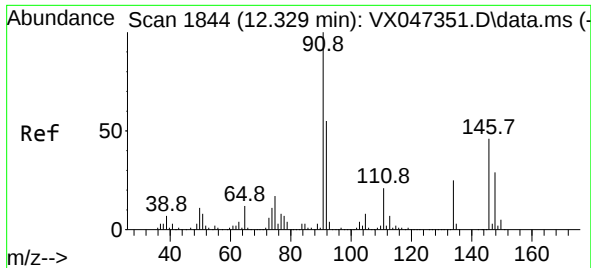
Tgt Ion:105 Resp: 2647951
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.5#



#86
 p-Isopropyltoluene
 Concen: 3.135 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047447.D
 Acq: 20 Aug 2025 16:52

Tgt Ion:119 Resp: 36960
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.8 38.4
 91 46.4 12.4 37.4#

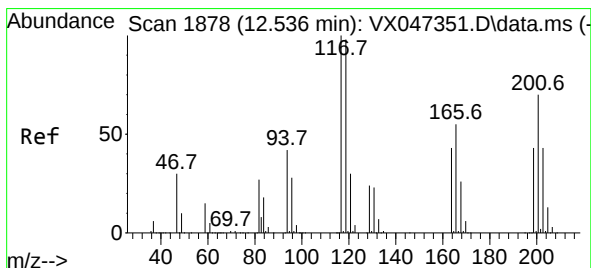
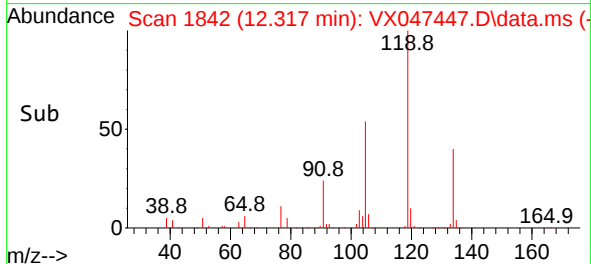
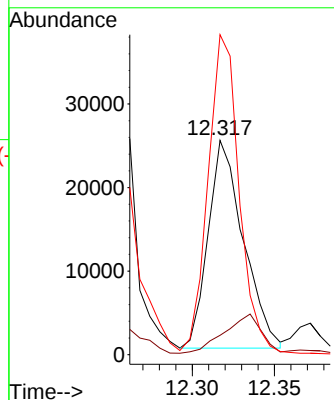
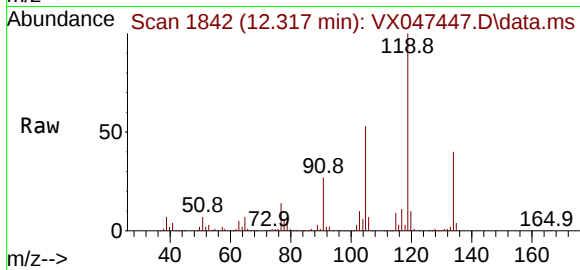




#89
n-Butylbenzene
Concen: 3.386 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.012 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

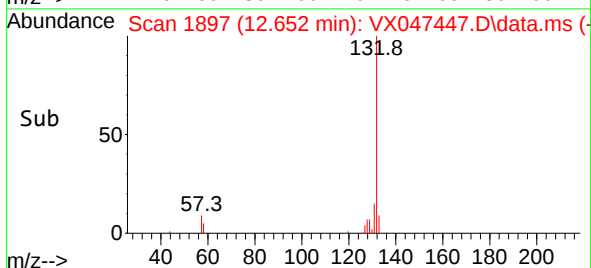
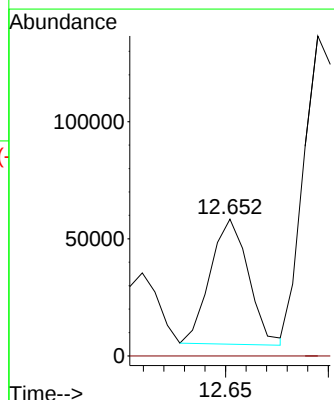
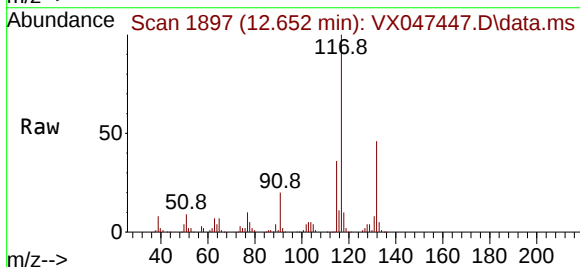
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825

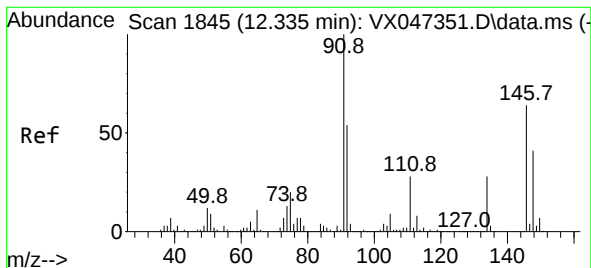
Tgt Ion: 91 Resp: 37119
Ion Ratio Lower Upper
91 100
92 19.9 27.2 81.5#
134 135.4 12.6 37.8#



#90
Hexachloroethane
Concen: 33.451 ug/l
RT: 12.652 min Scan# 1897
Delta R.T. 0.116 min
Lab File: VX047447.D
Acq: 20 Aug 2025 16:52

Tgt Ion: 117 Resp: 69175
Ion Ratio Lower Upper
117 100
201 0.0 35.1 105.3#





#91

1,2-Dichlorobenzene

Concen: 0.259 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX047447.D

Acq: 20 Aug 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

MW-11C-081825

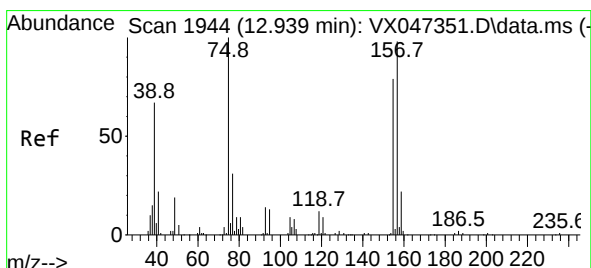
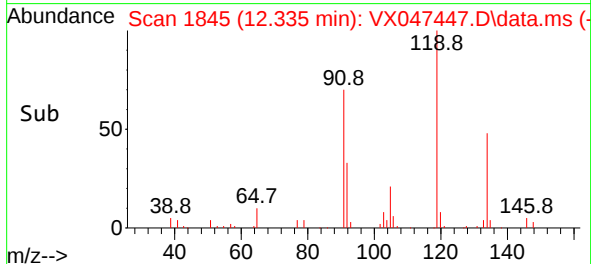
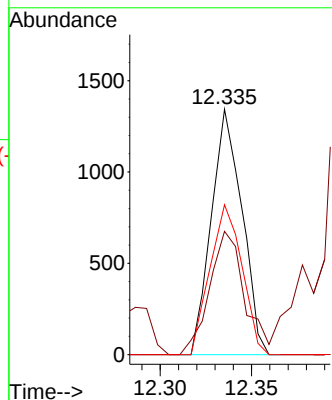
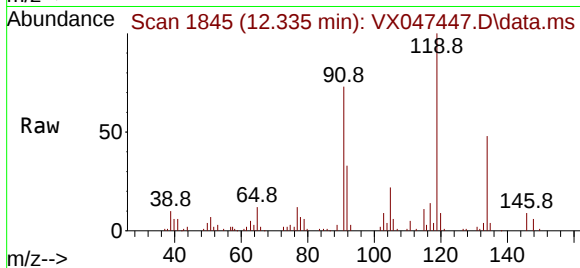
Tgt Ion:146 Resp: 1569

Ion Ratio Lower Upper

146 100

111 0.0 22.1 66.1#

148 63.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.954 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.018 min

Lab File: VX047447.D

Acq: 20 Aug 2025 16:52

Tgt Ion: 75 Resp: 742

Ion Ratio Lower Upper

75 100

155 0.0 41.3 123.7#

157 0.0 51.5 154.5#

