

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046680.D
 Acq On : 13 Jun 2025 11:37
 Operator : JC/MD
 Sample : Q2302-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 250611078-02-VOA

Quant Time: Jun 13 23:03:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.916	128	15679	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.775	114	86832	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	80444	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	39052	30.770	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 102.567%		
60) 4-Bromofluorobenzene	11.079	95	41185	30.374	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 101.233%		
63) Toluene-d8	8.653	98	103409	28.779	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 95.933%		
Target Compounds						Qvalue
8) Diethyl Ether	2.142	74	1812	3.566	ug/l	89
11) Methyl Iodide	2.477	142	443	0.347	ug/l #	89
15) Acetone	2.386	58	39907	359.957	ug/l	82
16) Carbon Disulfide	2.532	76	12606	4.854	ug/l	96
17) Allyl chloride	2.648	41	11218	6.606	ug/l #	44
22) cis-1,2-Dichloroethene	4.519	96	1430	1.265	ug/l	83
23) tert-Butyl Alcohol	2.959	59	927414	9470.911	ug/l #	100
24) Methyl tert-Butyl Ether	3.129	73	9330	3.263	ug/l #	66
30) 2-Butanone	4.568	43	207402	340.705	ug/l	97
31) 2,2-Dichloropropane	4.574	77	40974	33.783	ug/l #	52
34) Benzene	6.050	78	28695	7.149	ug/l	95
36) 1,2-Dichloroethane	6.098	62	1153	0.759	ug/l #	77
39) 1,2-Dichloropropane	7.440	63	315	0.315	ug/l	97
45) 1,4-Dioxane	7.671	88	1600	125.759	ug/l #	68
47) n-amyl Acetate	10.890	43	2211	1.226	ug/l	99
50) 1,1,2-Trichloroethane	9.080	97	403	0.427	ug/l #	13
56) Bromoform	11.079	173	256	0.373	ug/l #	1
58) 4-Methyl-2-Pentanone	8.574	43	12844	9.816	ug/l	93
59) 2-Hexanone	9.439	43	2228	2.414	ug/l	91
62) Toluene	8.720	91	89250	20.472	ug/l	98
64) Chlorobenzene	10.079	112	12516	4.451	ug/l	93
66) Ethyl Benzene	10.195	91	114539	23.010	ug/l	98
67) m/p-Xylenes	10.299	106	38605	20.967	ug/l	99
68) o-Xylene	10.640	106	20737	11.697	ug/l	98
69) Styrene	10.659	104	3320	1.093	ug/l #	1
70) Isopropylbenzene	10.963	105	14112	2.966	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.219	83	286	0.205	ug/l #	1
74) n-propylbenzene	11.305	91	6594	1.159	ug/l	97
75) 2-Chlorotoluene	11.372	91	4132	1.213	ug/l	76
76) 1,3,5-Trimethylbenzene	11.451	105	7346	1.858	ug/l	96
77) t-1,4-Dichloro-2-butene	11.012	75	470	1.192	ug/l #	1
78) 4-Chlorotoluene	11.372	91	4132	1.049	ug/l	82
79) tert-butylbenzene	11.969	119	1779	0.451	ug/l	93
80) 1,2,4-Trimethylbenzene	11.750	105	27339	7.003	ug/l	99
81) sec-Butylbenzene	11.890	105	1289	0.256	ug/l	70
82) p-Isopropyltoluene	12.006	119	111816	27.006	ug/l	99
83) 1,3-Dichlorobenzene	12.042	146	11505	5.542	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	11505	5.511	ug/l	95
85) n-Butylbenzene	12.244	91	2771	0.695	ug/l	54

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QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

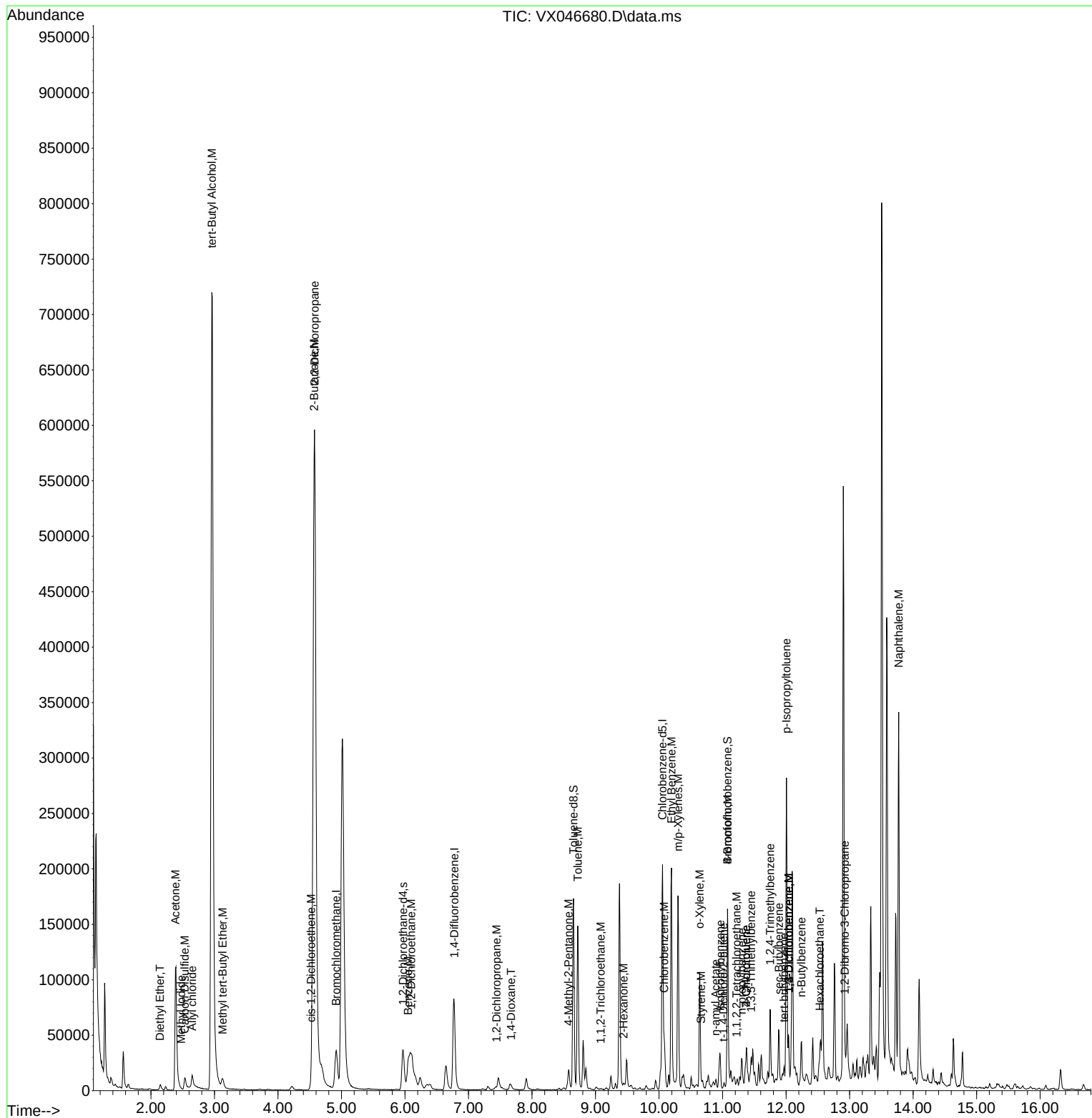
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Hexachloroethane	12.530	117	468	0.651	ug/l #	19
87) 1,2-Dichlorobenzene	12.042	146	11505	5.761	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	12.926	75	72	0.250	ug/l #	7
91) Naphthalene	13.774	128	183119	43.838	ug/l	100

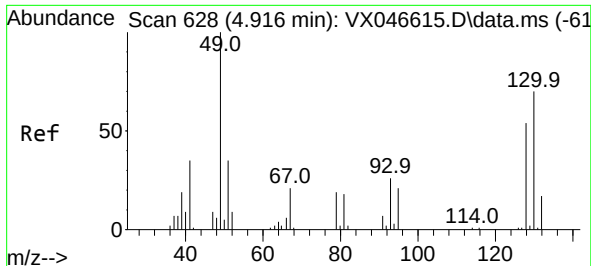
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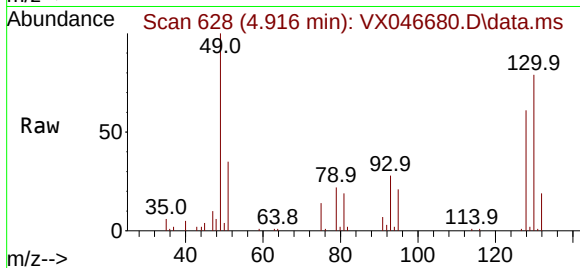
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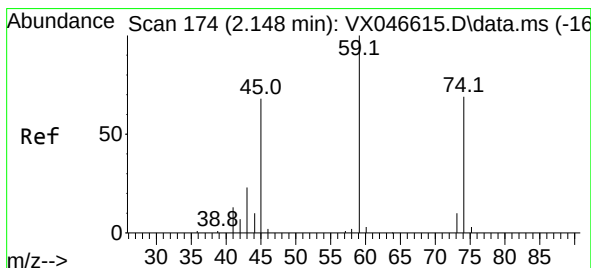
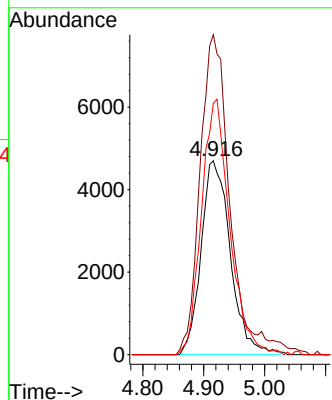
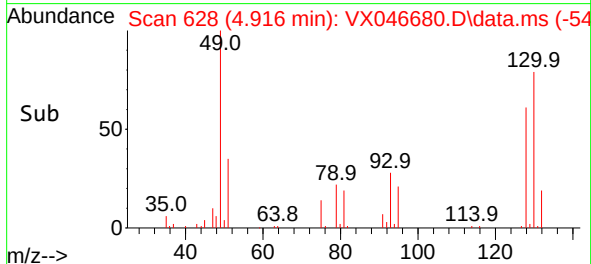


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046680.D
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Instrument :
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ClientSampleId :
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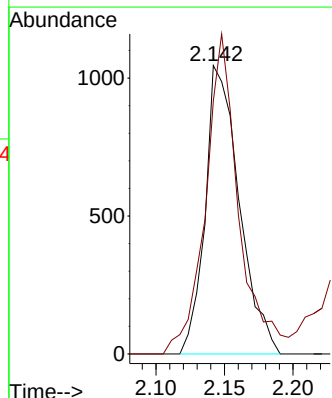
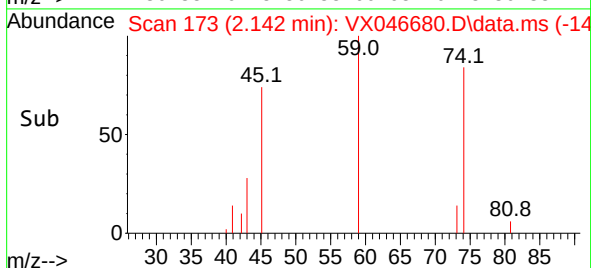
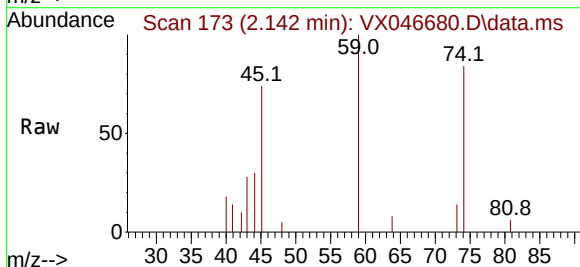


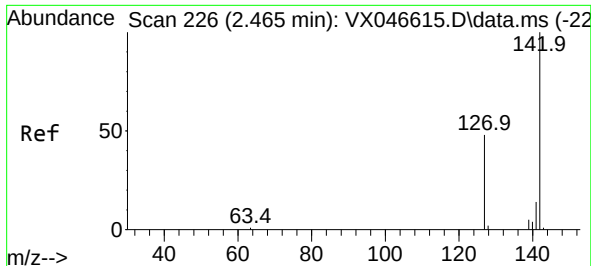
Tgt Ion:	128	Resp:	15679
Ion	Ratio	Lower	Upper
128	100		
49	162.2	0.0	448.3
130	126.9	0.0	312.0



#8
Diethyl Ether
Concen: 3.566 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

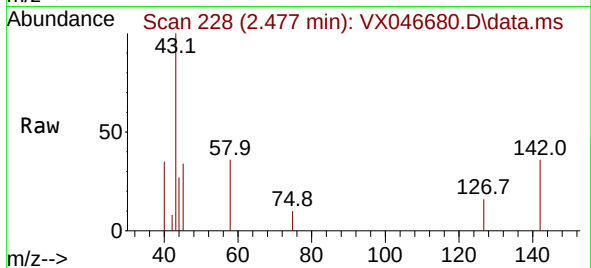
Tgt Ion:	74	Resp:	1812
Ion	Ratio	Lower	Upper
74	100		
45	107.6	19.3	174.1



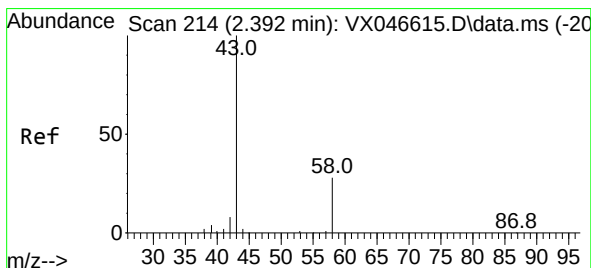
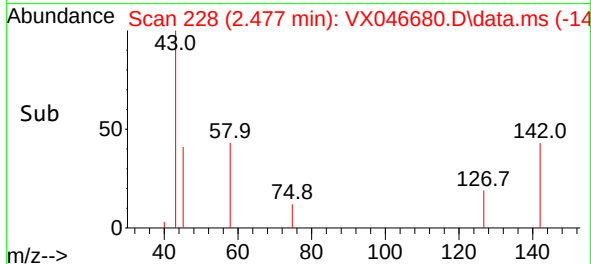
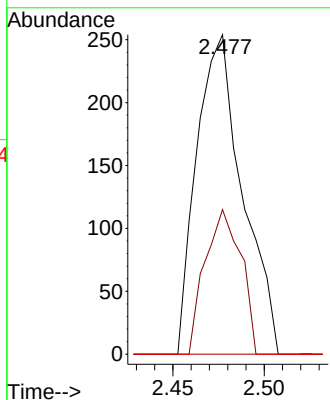


#11
Methyl Iodide
Concen: 0.347 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

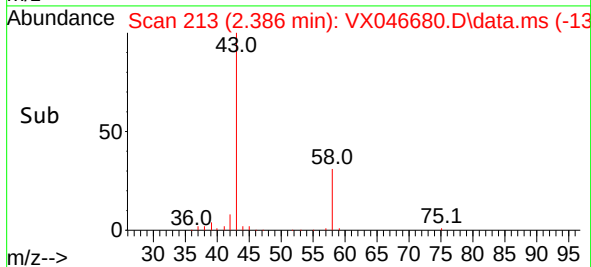
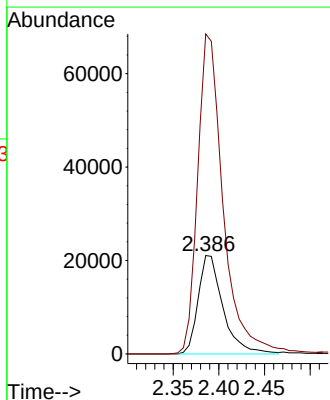
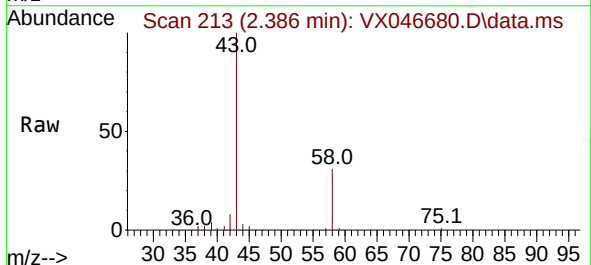


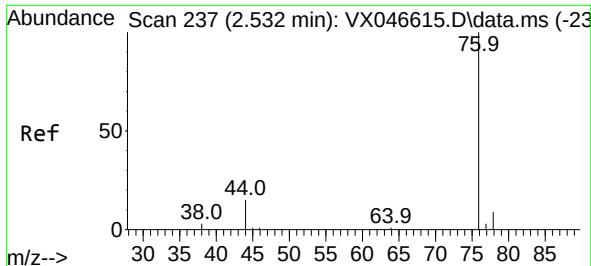
Tgt Ion:142 Resp: 443
Ion Ratio Lower Upper
142 100
127 45.3 24.1 72.4
141 0.0 7.0 20.9#



#15
Acetone
Concen: 359.957 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion: 58 Resp: 39907
Ion Ratio Lower Upper
58 100
43 324.2 290.6 435.8

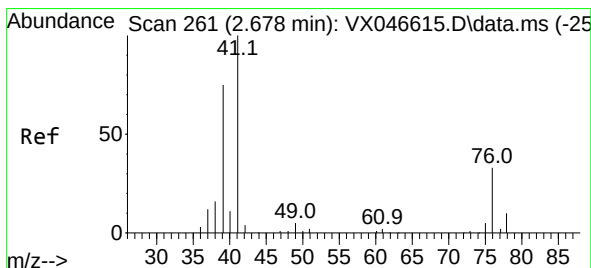
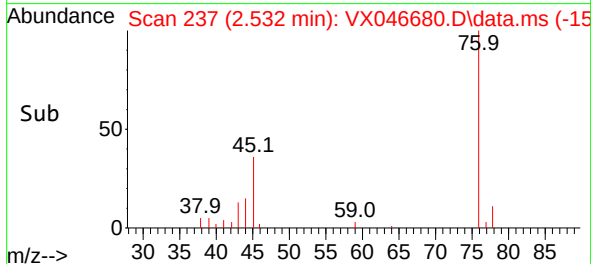
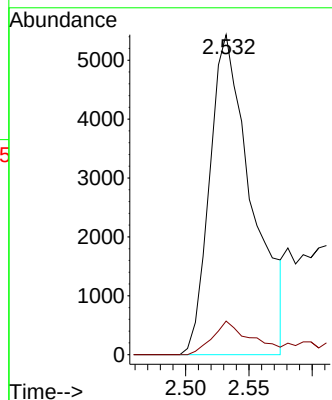
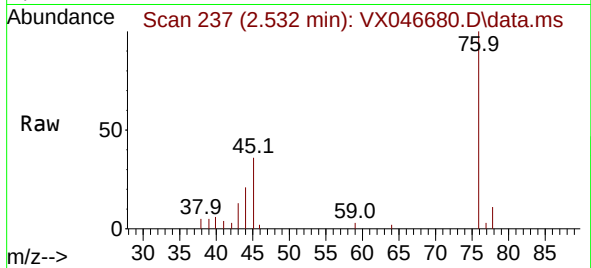




#16
Carbon Disulfide
Concen: 4.854 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

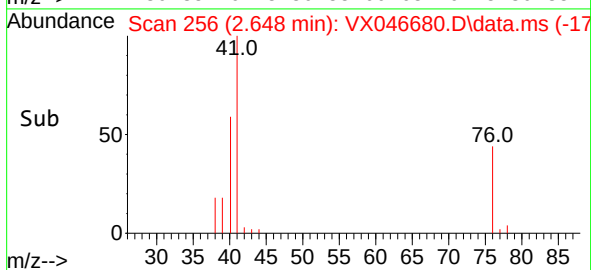
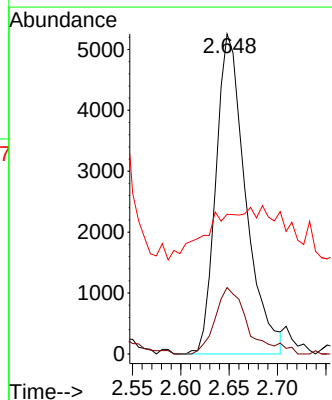
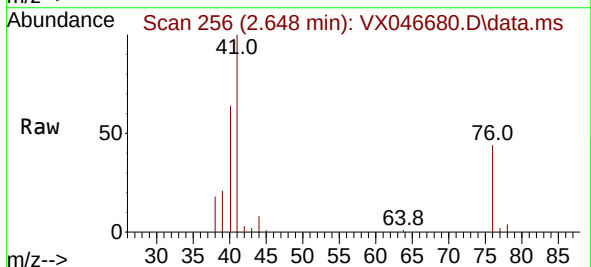
Instrument :
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ClientSampleId :
250611078-02-VOA

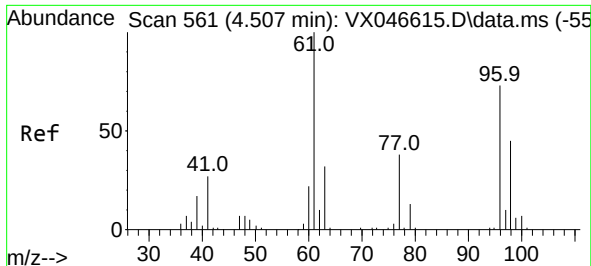
Tgt Ion: 76 Resp: 12606
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0



#17
Allyl chloride
Concen: 6.606 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.030 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion: 41 Resp: 11218
Ion Ratio Lower Upper
41 100
39 20.8 37.5 112.3#
76 12.3 17.4 52.3#

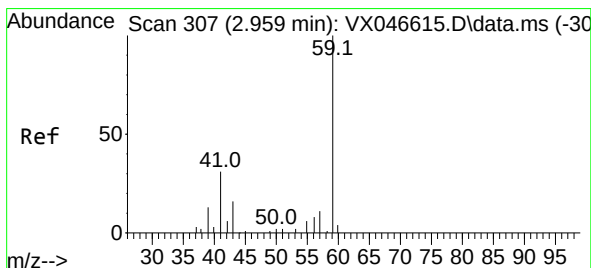
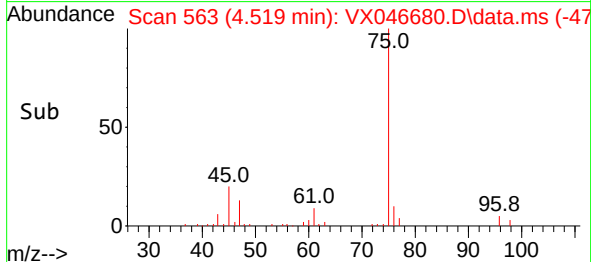
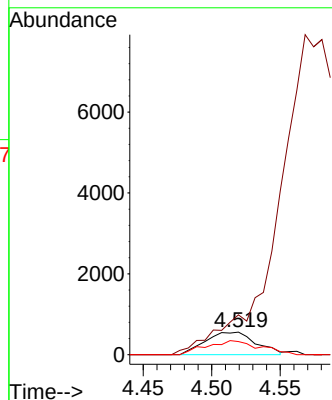
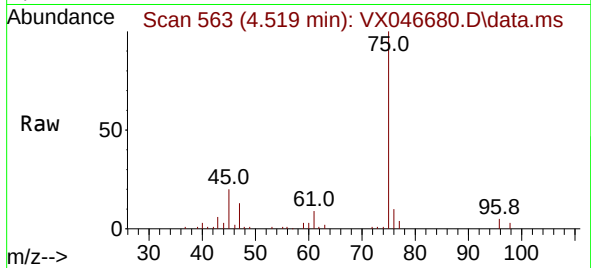




#22
 cis-1,2-Dichloroethene
 Concen: 1.265 ug/l
 RT: 4.519 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: VX046680.D
 Acq: 13 Jun 2025 11:37

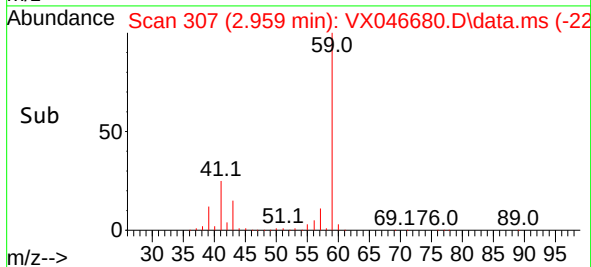
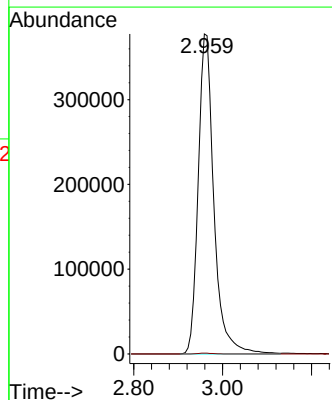
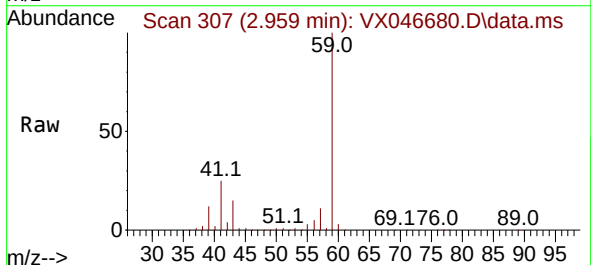
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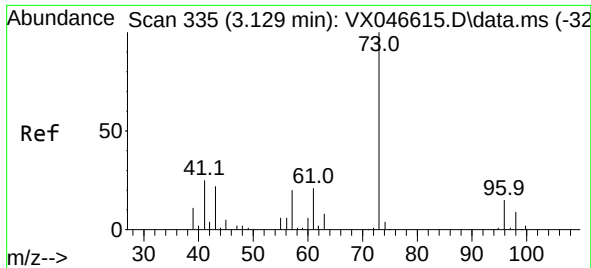
Tgt Ion: 96 Resp: 1430
 Ion Ratio Lower Upper
 96 100
 61 123.1 118.6 177.8
 98 53.1 49.6 74.4



#23
 tert-Butyl Alcohol
 Concen: 9470.911 ug/l
 RT: 2.959 min Scan# 307
 Delta R.T. 0.000 min
 Lab File: VX046680.D
 Acq: 13 Jun 2025 11:37

Tgt Ion: 59 Resp: 927414
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.0 0.0#

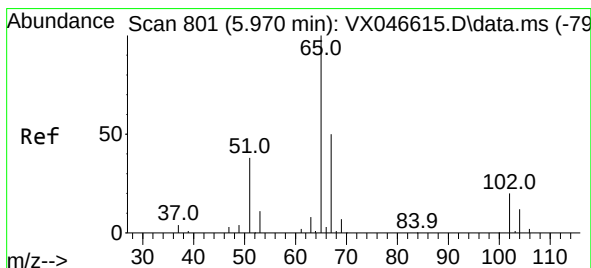
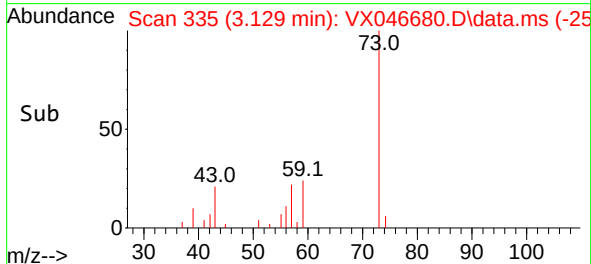
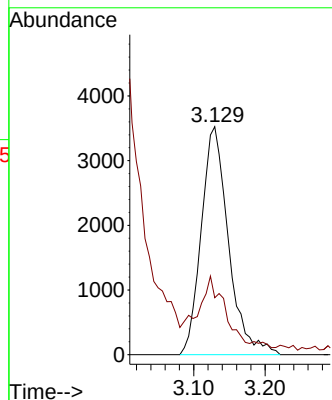
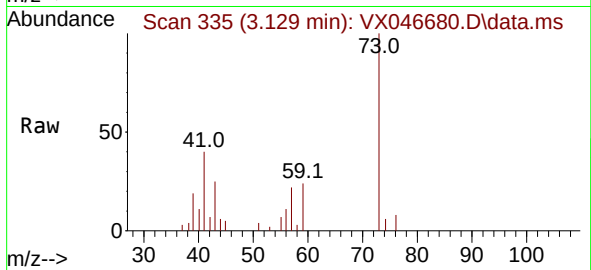




#24
Methyl tert-Butyl Ether
Concen: 3.263 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

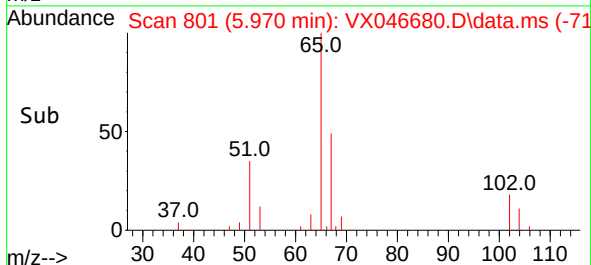
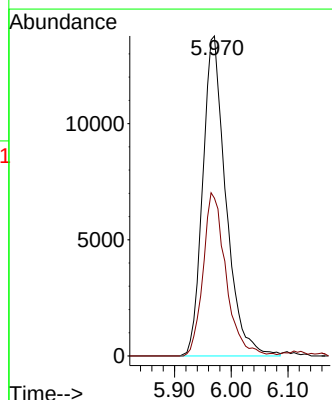
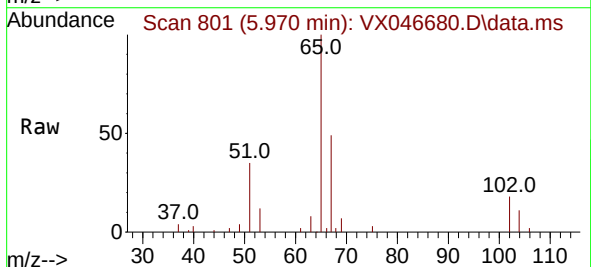
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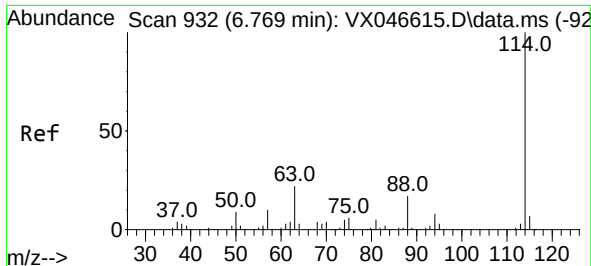
Tgt Ion: 73 Resp: 9330
Ion Ratio Lower Upper
73 100
43 6.4 18.4 27.6#



#27
1,2-Dichloroethane-d4
Concen: 30.770 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046680.D
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Tgt Ion: 65 Resp: 39052
Ion Ratio Lower Upper
65 100
67 50.3 41.4 62.2

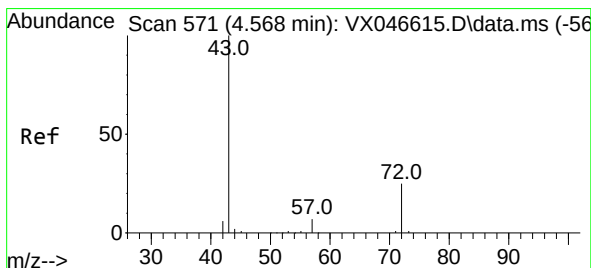
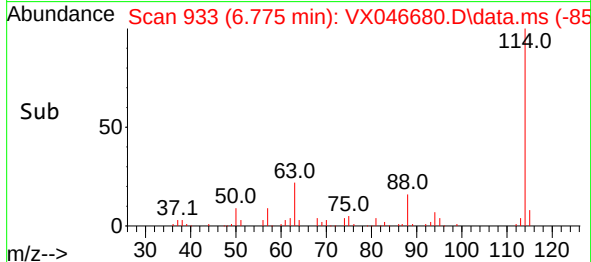
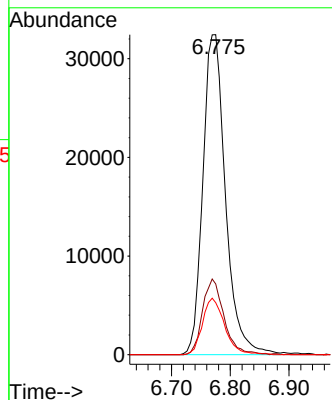
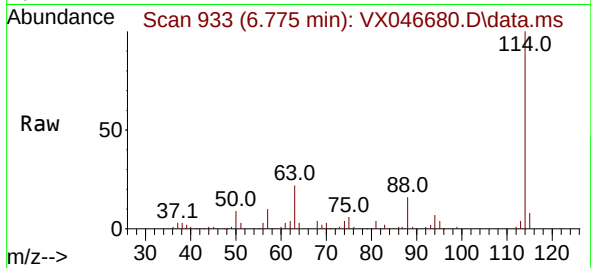




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.775 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VX046680.D
 Acq: 13 Jun 2025 11:37

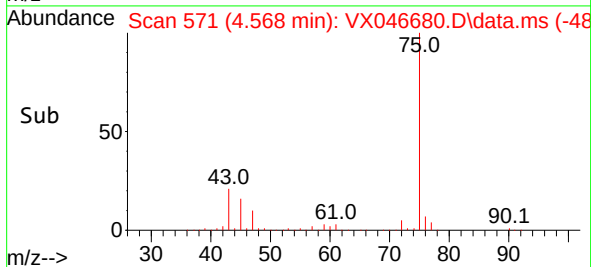
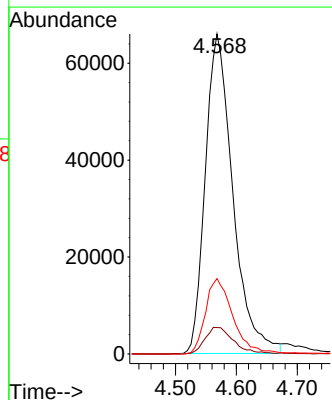
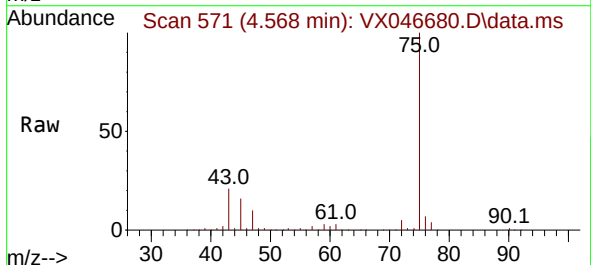
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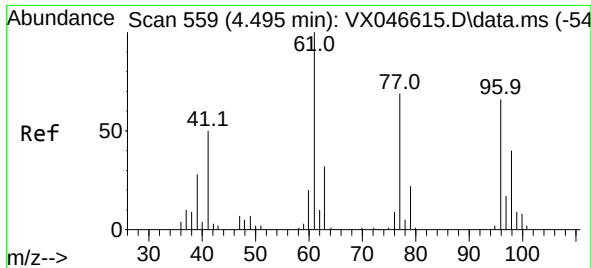
Tgt Ion:114 Resp: 86832
 Ion Ratio Lower Upper
 114 100
 63 22.4 18.1 27.1
 88 17.2 14.1 21.1



#30
 2-Butanone
 Concen: 340.705 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VX046680.D
 Acq: 13 Jun 2025 11:37

Tgt Ion: 43 Resp: 207402
 Ion Ratio Lower Upper
 43 100
 57 8.4 5.8 8.6
 72 23.0 19.4 29.2

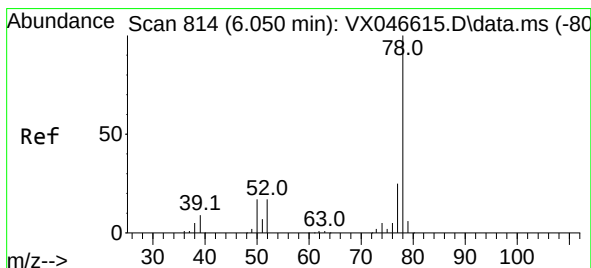
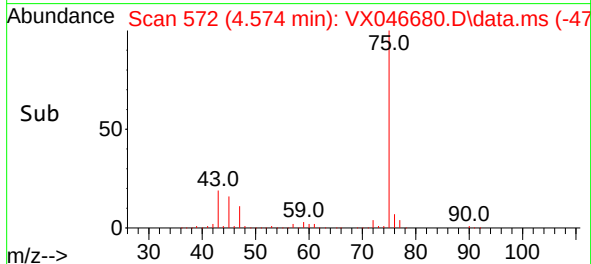
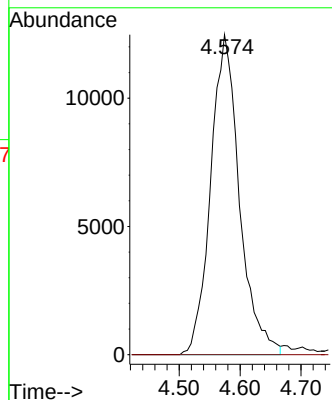
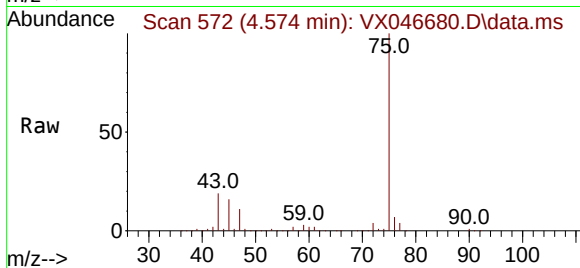




#31
2,2-Dichloropropane
Concen: 33.783 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.079 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

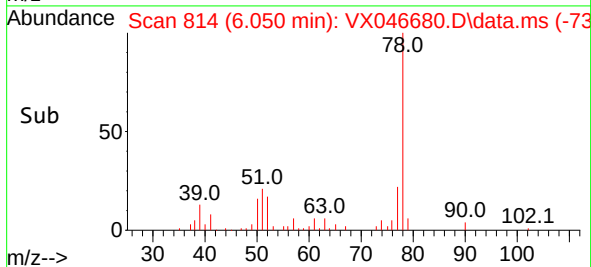
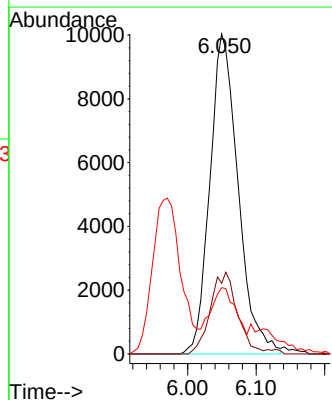
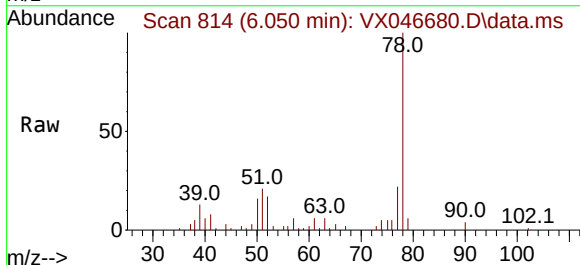
Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

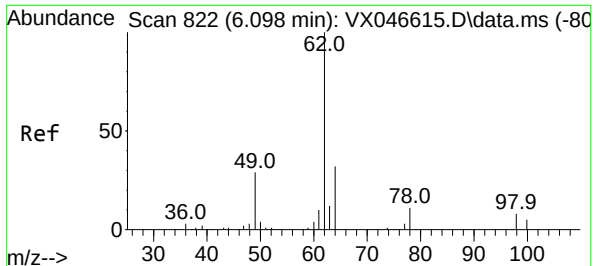
Tgt Ion: 77 Resp: 40974
Ion Ratio Lower Upper
77 100
97 0.0 18.6 27.8#



#34
Benzene
Concen: 7.149 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion: 78 Resp: 28695
Ion Ratio Lower Upper
78 100
77 22.1 19.8 29.8
51 16.8 14.7 22.1

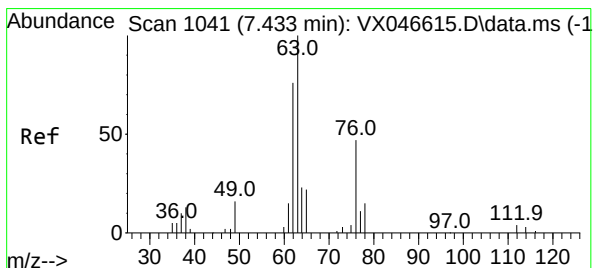
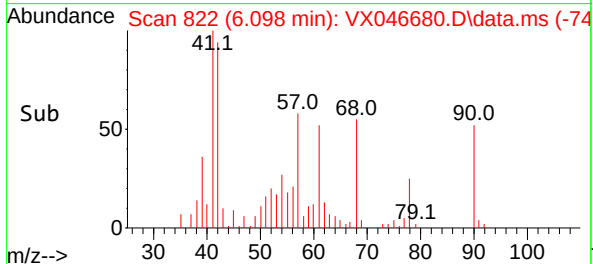
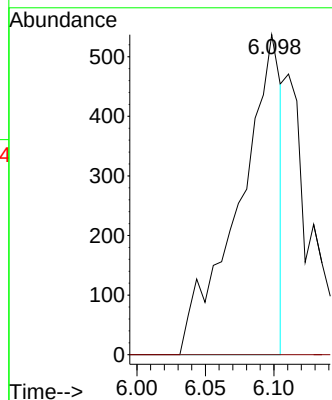
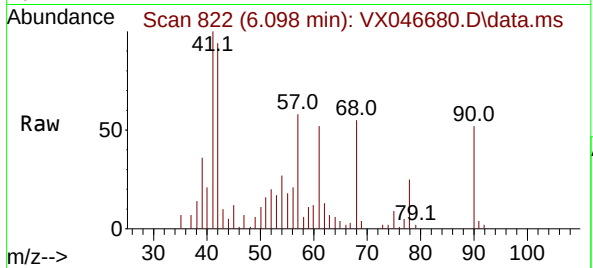




#36
1,2-Dichloroethane
Concen: 0.759 ug/l
RT: 6.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

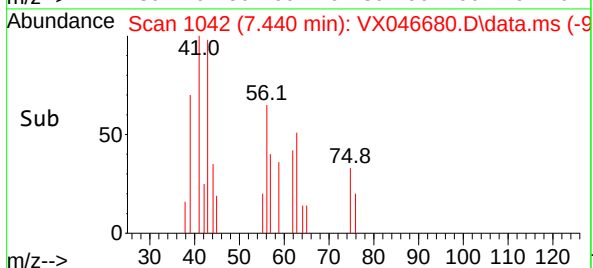
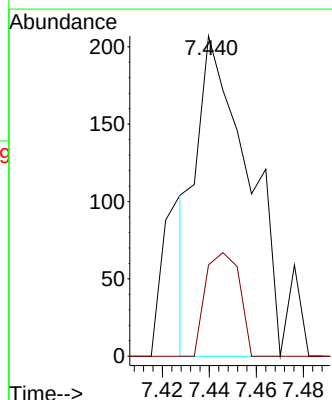
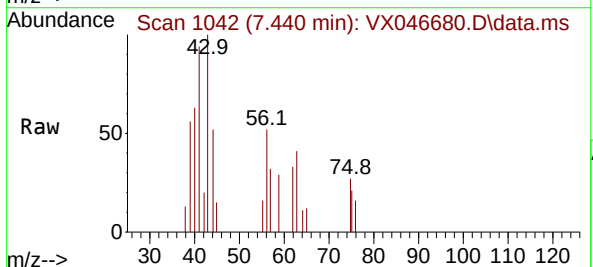
Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

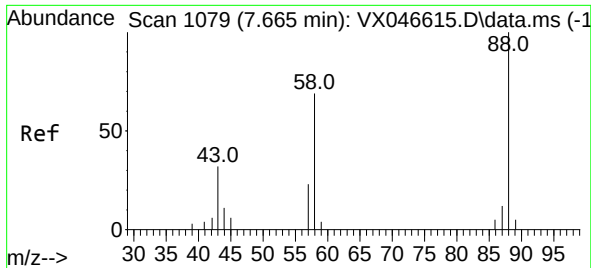
Tgt Ion: 62 Resp: 1153
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#



#39
1,2-Dichloropropane
Concen: 0.315 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion: 63 Resp: 315
Ion Ratio Lower Upper
63 100
65 28.5 21.5 32.3

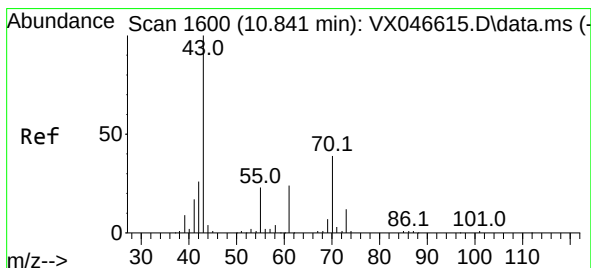
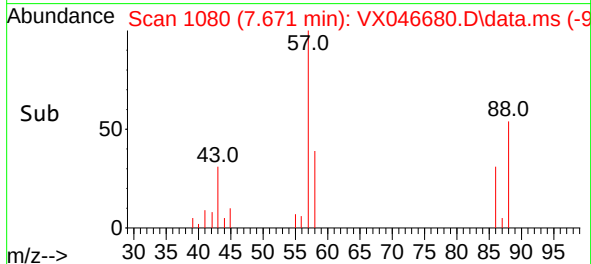
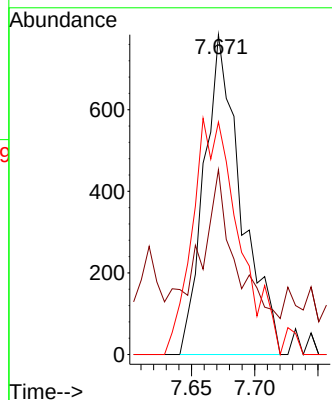
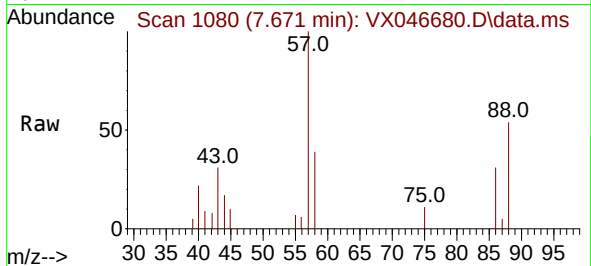




#45
1,4-Dioxane
Concen: 125.759 ug/l
RT: 7.671 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

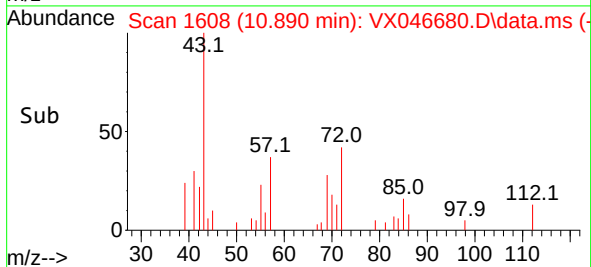
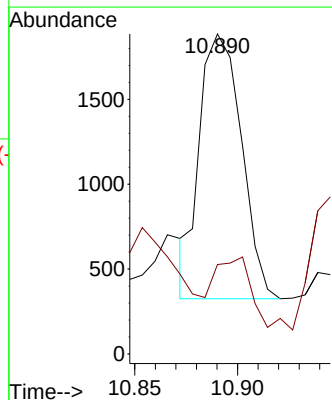
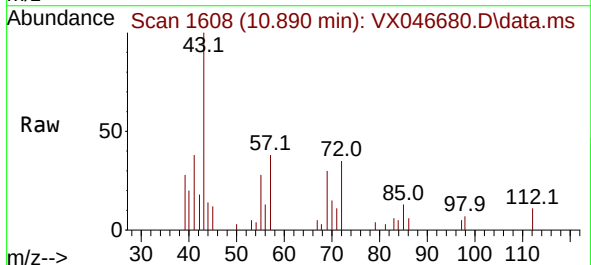
Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

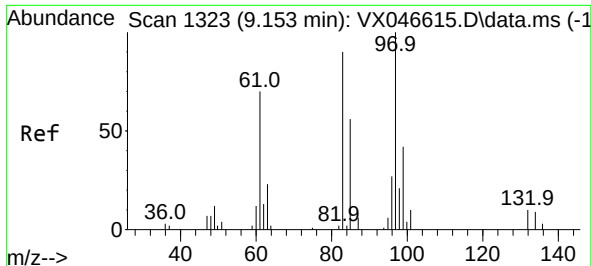
Tgt Ion	88	Resp	1600
Ion	Ratio	Lower	Upper
88	100		
43	21.5	21.6	32.4#
58	41.7	60.8	91.2#



#47
n-amy1 Acetate
Concen: 1.226 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.049 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion	43	Resp	2211
Ion	Ratio	Lower	Upper
43	100		
55	24.0	19.4	29.2

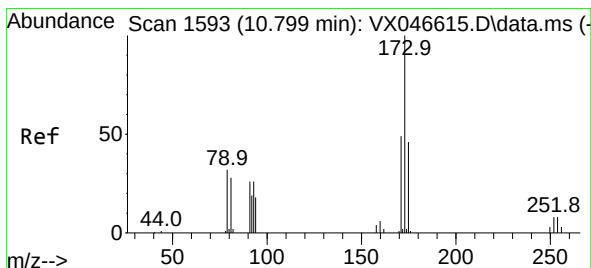
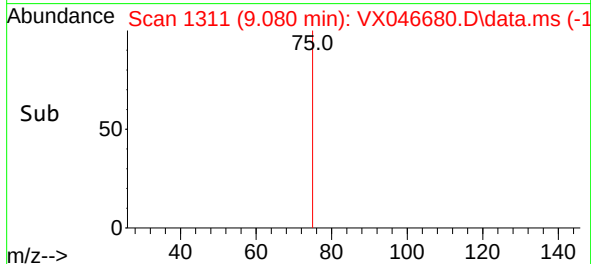
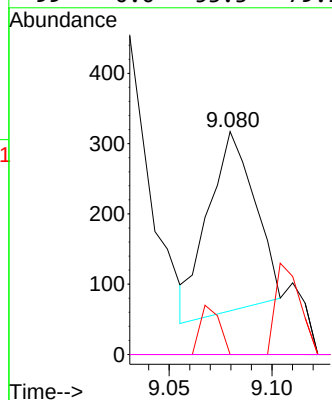
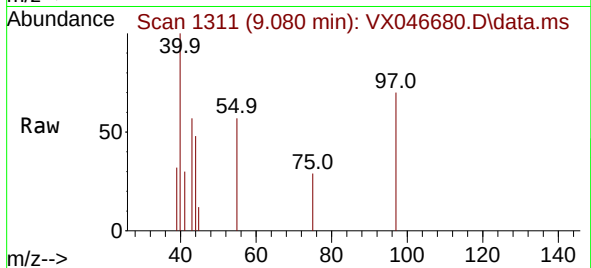




#50
1,1,2-Trichloroethane
Concen: 0.427 ug/l
RT: 9.080 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

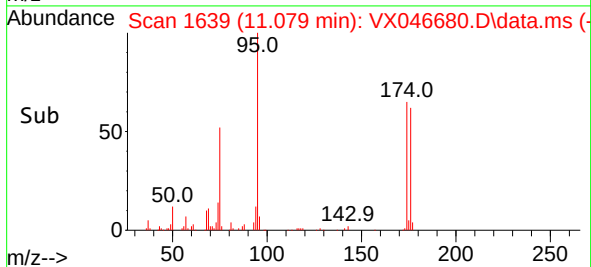
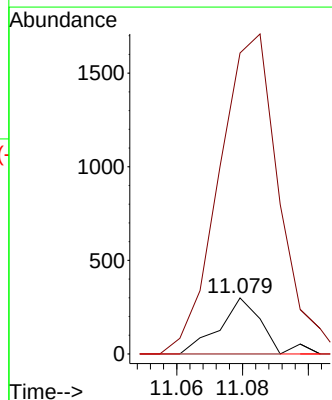
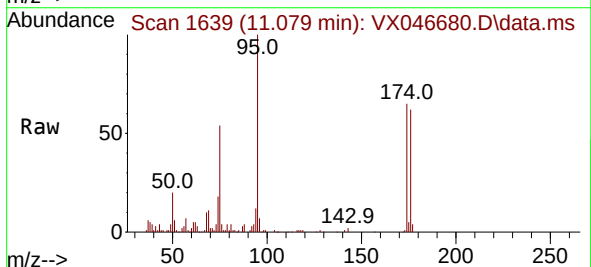
Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

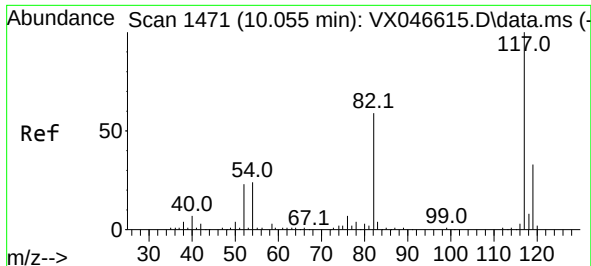
Tgt Ion: 97	Resp:	403
Ion	Ratio	Lower Upper
97	100	
83	0.0	72.1 108.1#
85	0.0	47.5 71.3#
99	0.0	53.3 79.9#



#56
Bromoform
Concen: 0.373 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.280 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion:173	Resp:	256	
Ion	Ratio	Lower	Upper
173	100		
175	844.9	38.0	57.0#
254	0.0	6.7	10.1#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX046680.D

Acq: 13 Jun 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

250611078-02-VOA

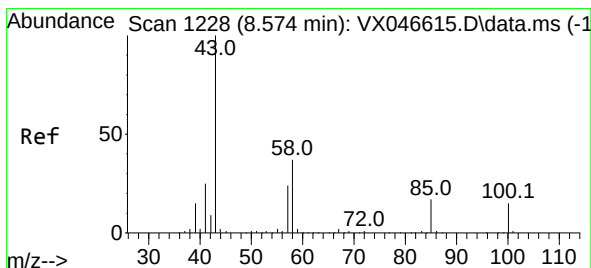
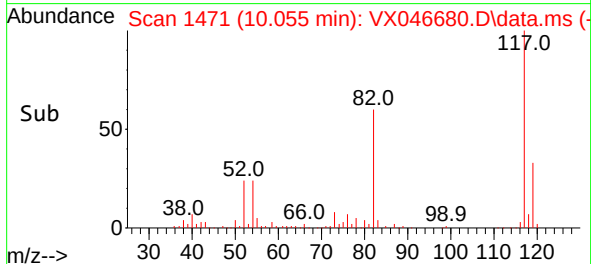
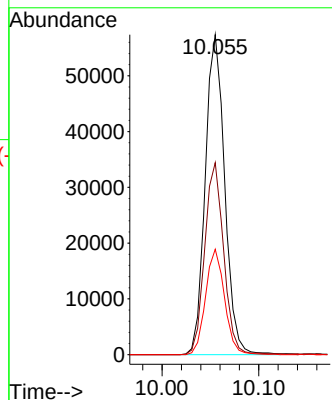
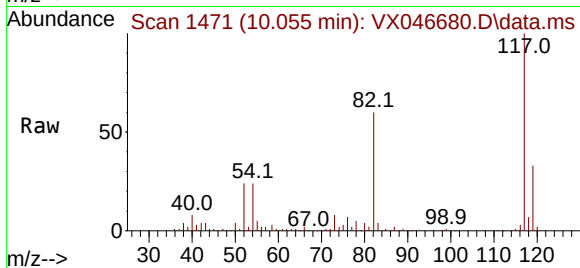
Tgt Ion:117 Resp: 80444

Ion Ratio Lower Upper

117 100

82 58.6 46.5 69.7

119 32.2 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 9.816 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX046680.D

Acq: 13 Jun 2025 11:37

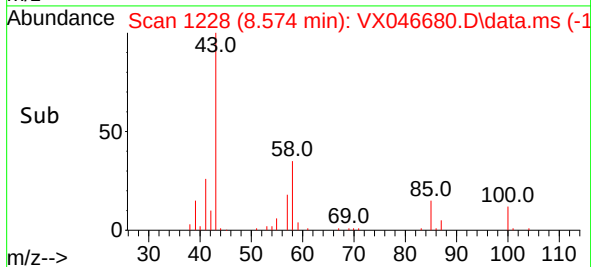
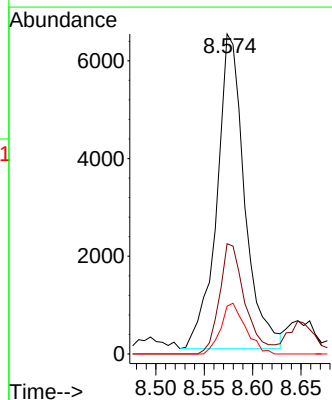
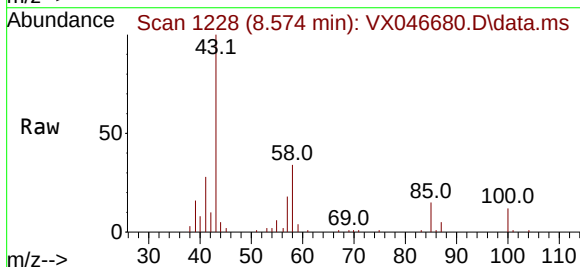
Tgt Ion: 43 Resp: 12844

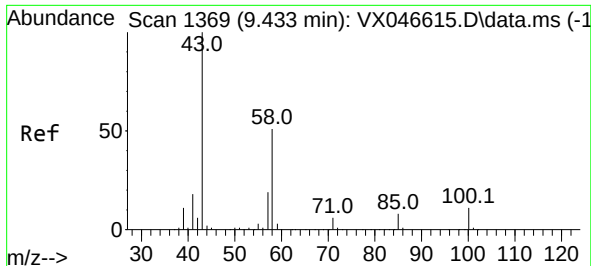
Ion Ratio Lower Upper

43 100

58 32.2 29.4 44.2

85 14.3 13.3 19.9





#59

2-Hexanone

Concen: 2.414 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046680.D

Acq: 13 Jun 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

250611078-02-VOA

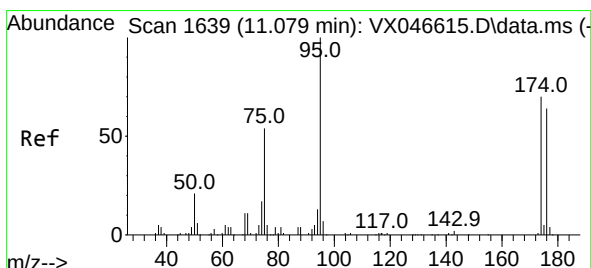
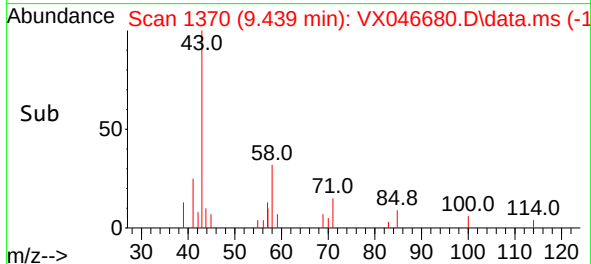
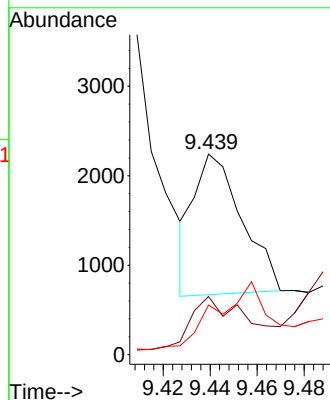
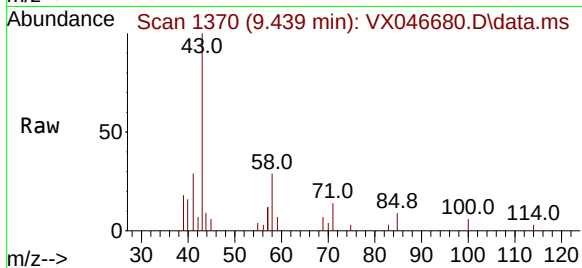
Tgt Ion: 43 Resp: 2228

Ion Ratio Lower Upper

43 100

58 56.9 39.8 59.8

57 20.2 14.5 21.7



#60

4-Bromofluorobenzene

Concen: 30.374 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX046680.D

Acq: 13 Jun 2025 11:37

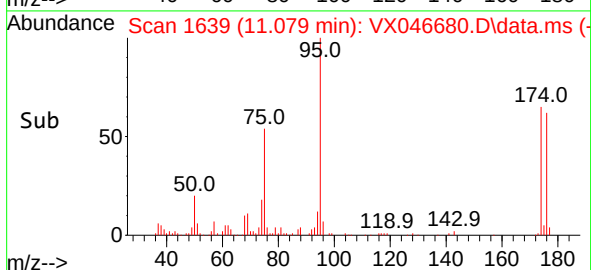
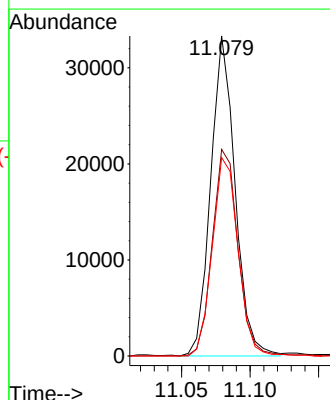
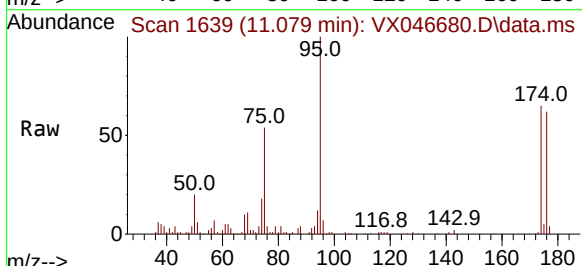
Tgt Ion: 95 Resp: 41185

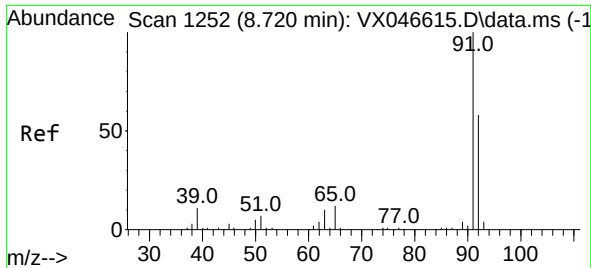
Ion Ratio Lower Upper

95 100

174 67.8 56.0 84.0

176 65.5 52.2 78.4

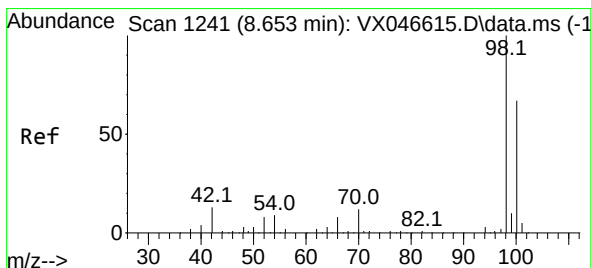
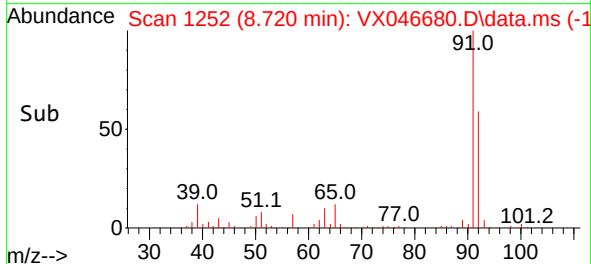
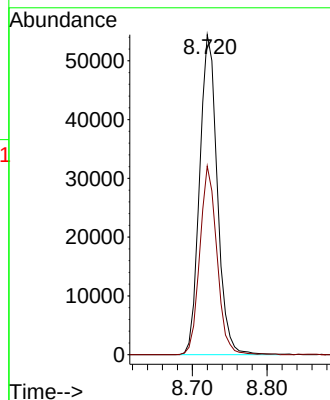
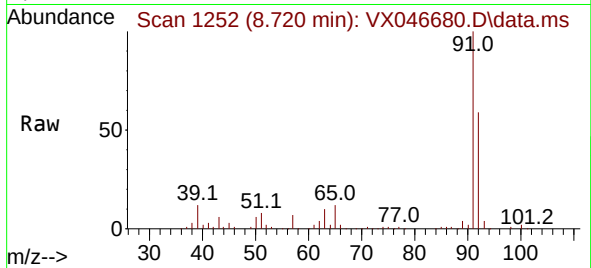




#62
Toluene
Concen: 20.472 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

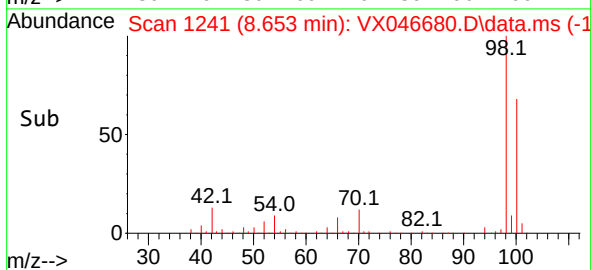
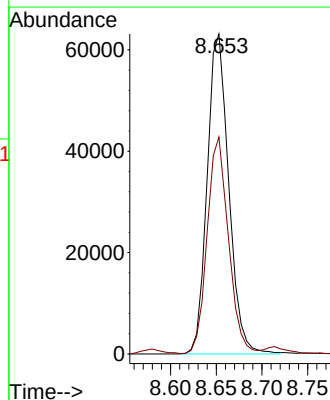
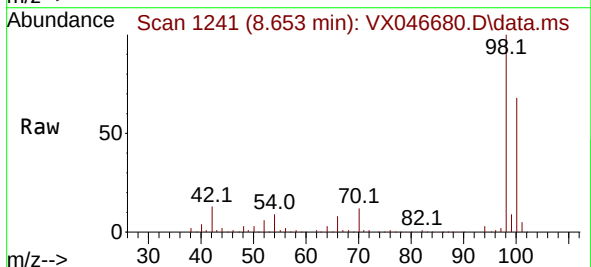
Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

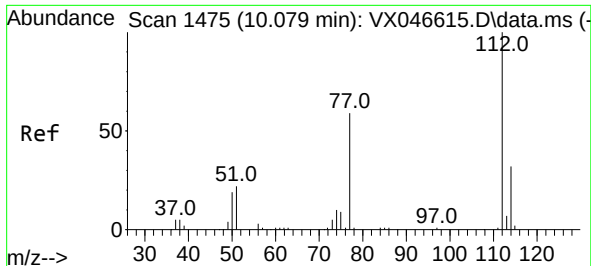
Tgt Ion: 91 Resp: 89250
Ion Ratio Lower Upper
91 100
92 57.1 46.8 70.2



#63
Toluene-d8
Concen: 28.779 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion: 98 Resp: 103409
Ion Ratio Lower Upper
98 100
100 67.0 52.6 79.0

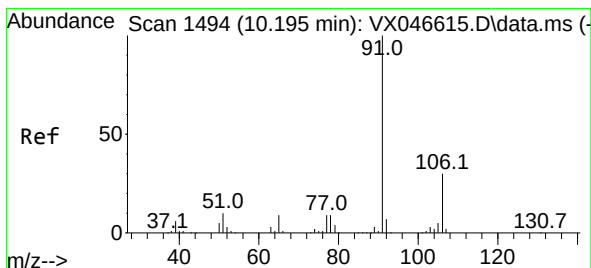
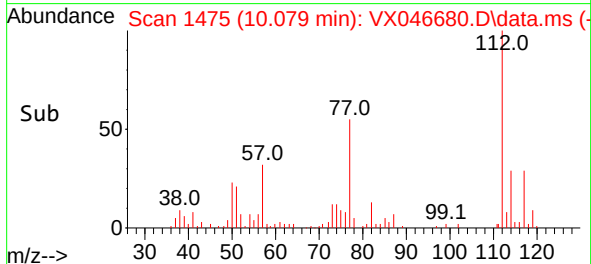
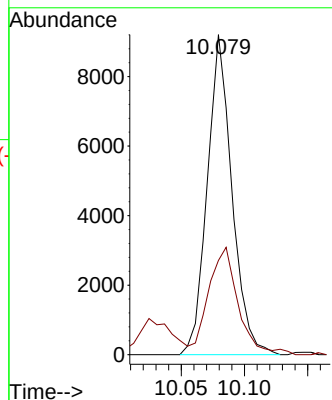
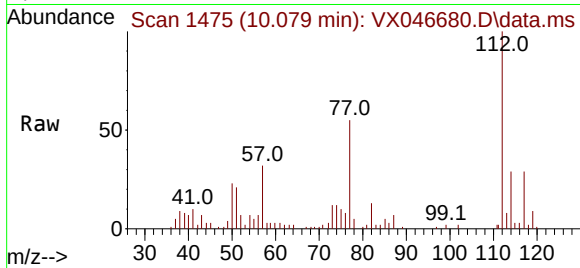




#64
Chlorobenzene
Concen: 4.451 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

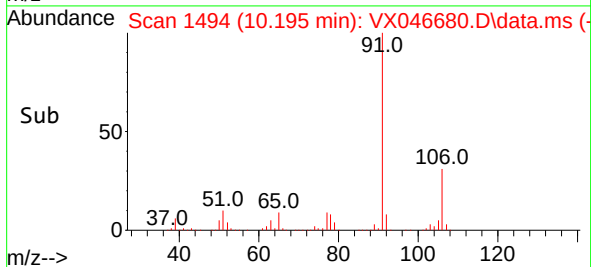
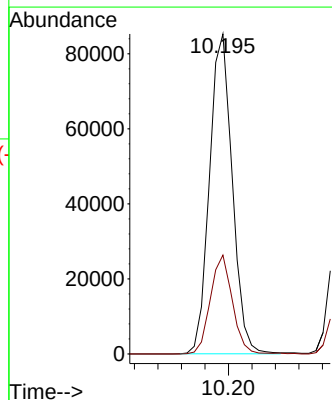
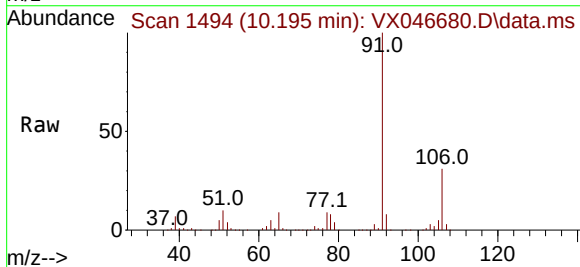
Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

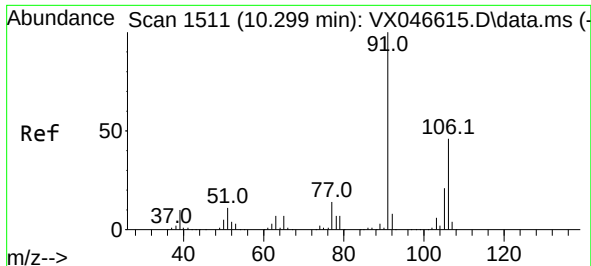
Tgt Ion:112 Resp: 12516
Ion Ratio Lower Upper
112 100
114 27.7 25.4 38.0



#66
Ethyl Benzene
Concen: 23.010 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion: 91 Resp: 114539
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9

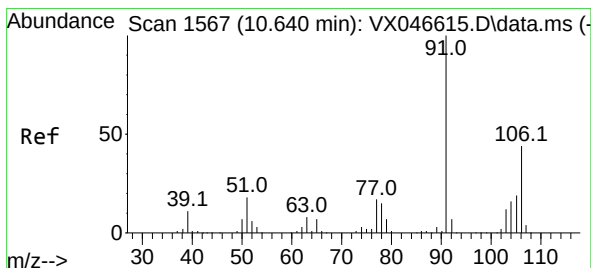
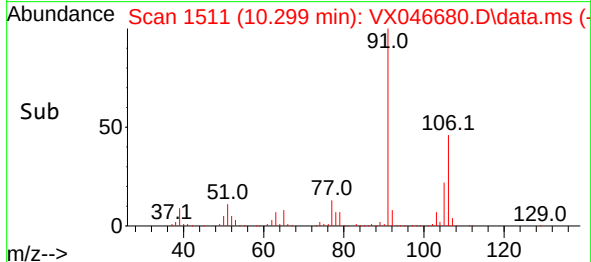
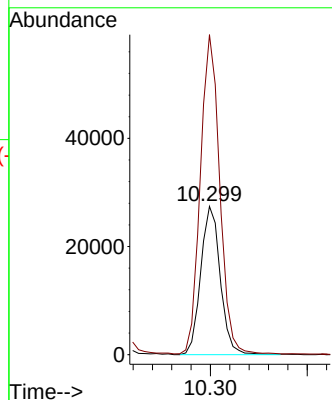
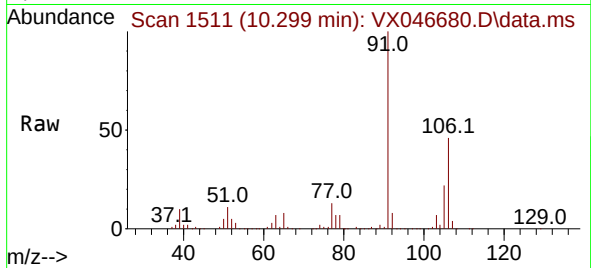




#67
m/p-Xylenes
Concen: 20.967 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

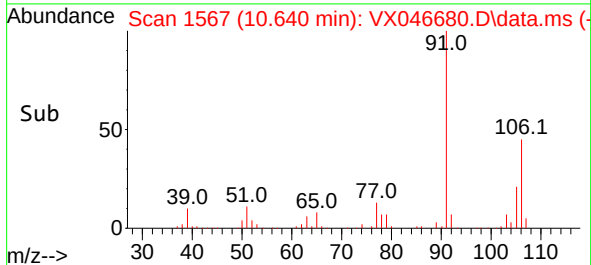
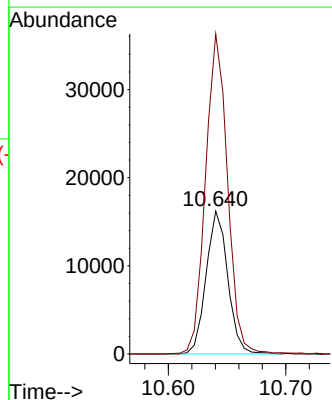
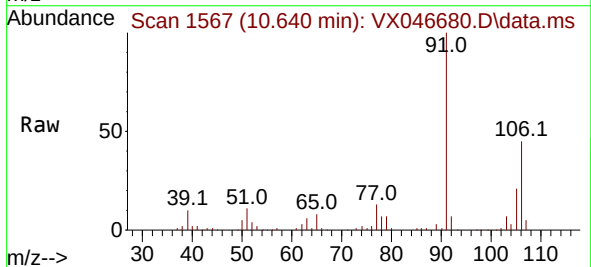
Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

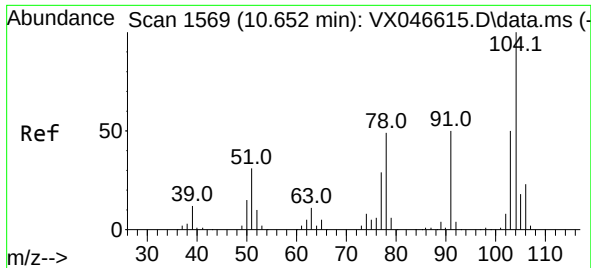
Tgt Ion:106 Resp: 38605
Ion Ratio Lower Upper
106 100
91 213.5 171.5 257.3



#68
o-Xylene
Concen: 11.697 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion:106 Resp: 20737
Ion Ratio Lower Upper
106 100
91 227.2 112.3 336.9

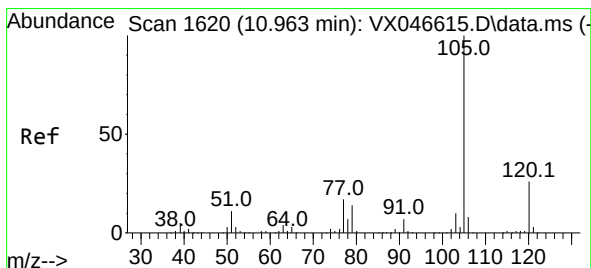
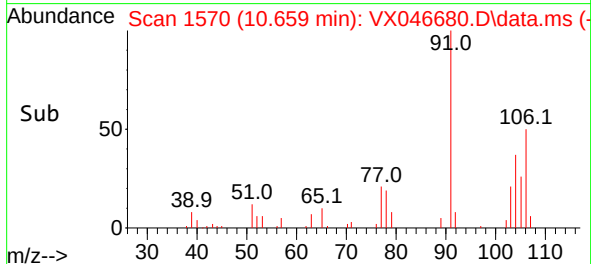
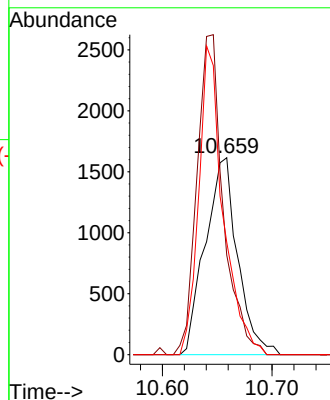
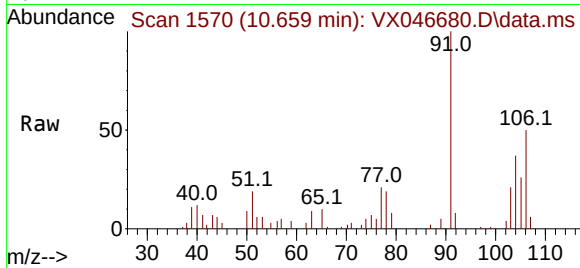




#69
Styrene
Concen: 1.093 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

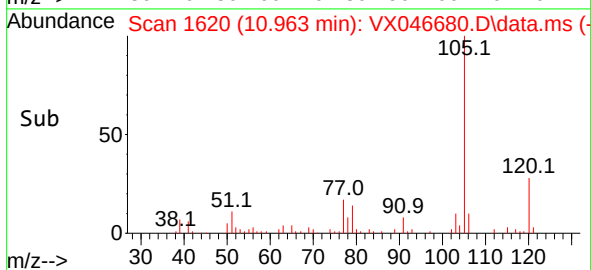
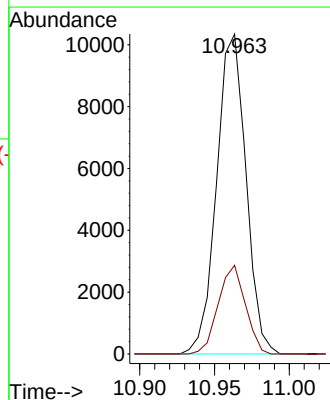
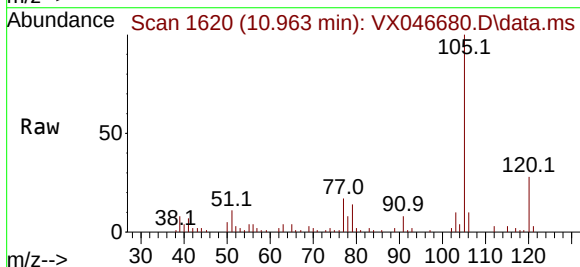
Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

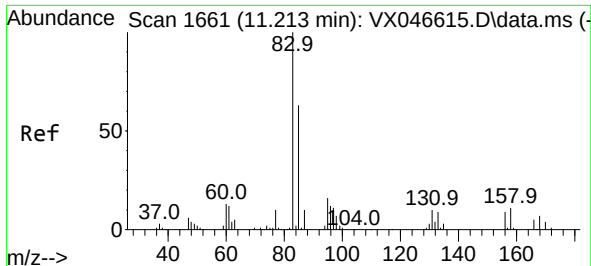
Tgt Ion:104 Resp: 3320
Ion Ratio Lower Upper
104 100
78 132.0 43.1 64.7#
103 118.5 42.9 64.3#



#70
Isopropylbenzene
Concen: 2.966 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion:105 Resp: 14112
Ion Ratio Lower Upper
105 100
120 25.6 18.1 33.5

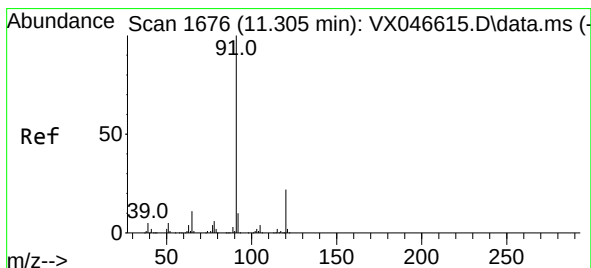
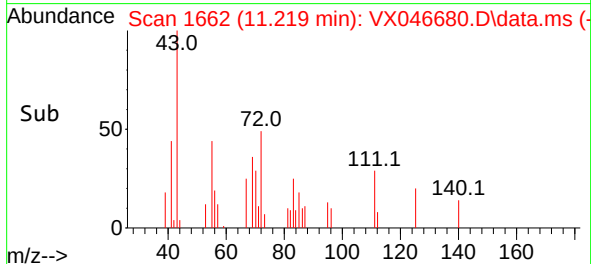
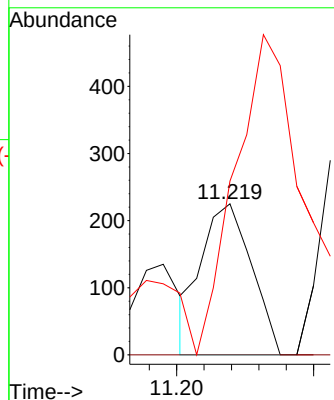
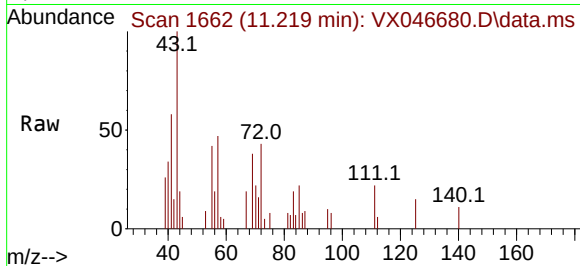




#71
1,1,2-Tetrachloroethane
Concen: 0.205 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

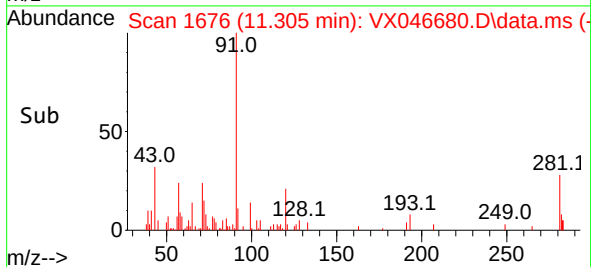
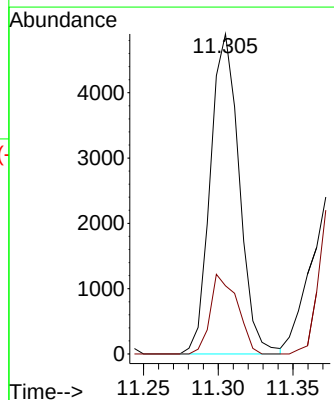
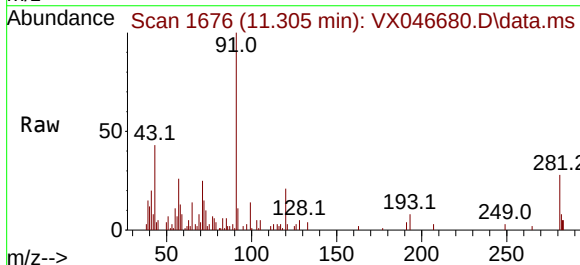
Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

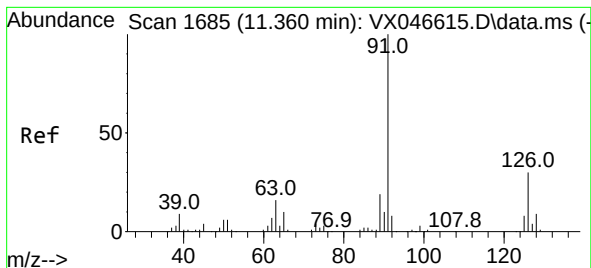
Tgt Ion: 83 Resp: 286
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 312.2 31.5 94.5#



#74
n-propylbenzene
Concen: 1.159 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion: 91 Resp: 6594
Ion Ratio Lower Upper
91 100
120 23.3 0.0 43.8





#75

2-Chlorotoluene

Concen: 1.213 ug/l

RT: 11.372 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX046680.D

Acq: 13 Jun 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

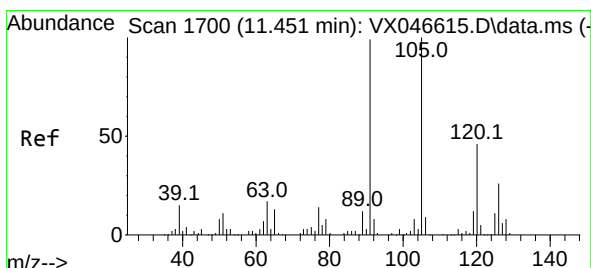
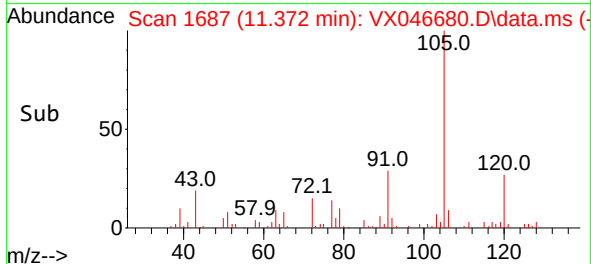
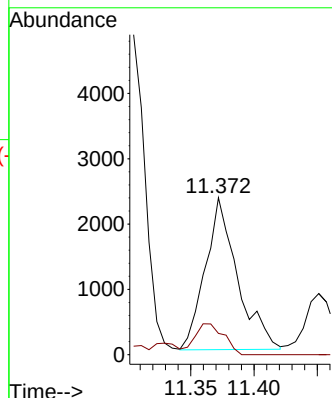
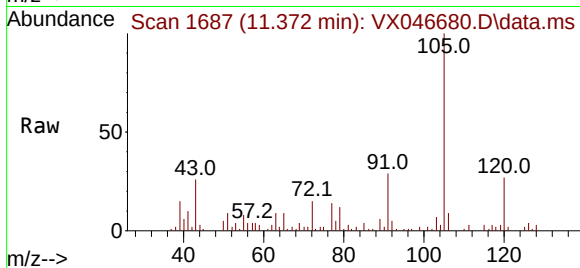
250611078-02-VOA

Tgt Ion: 91 Resp: 4132

Ion Ratio Lower Upper

91 100

126 18.3 0.0 63.0



#76

1,3,5-Trimethylbenzene

Concen: 1.858 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX046680.D

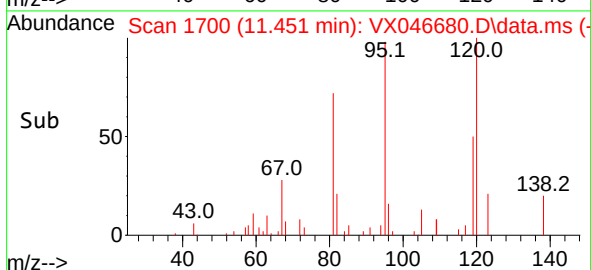
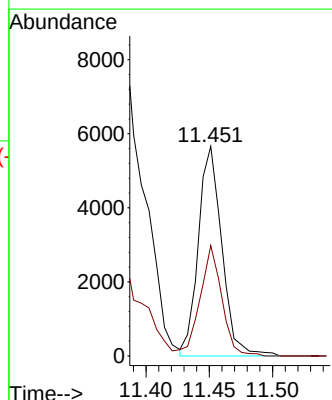
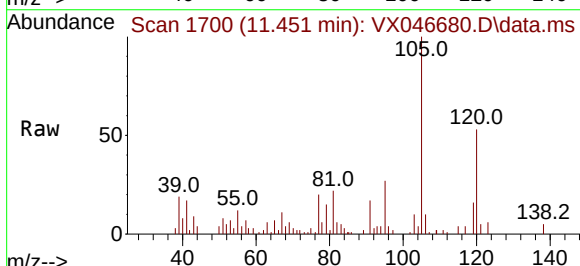
Acq: 13 Jun 2025 11:37

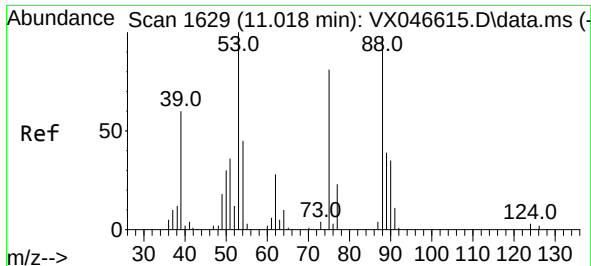
Tgt Ion: 105 Resp: 7346

Ion Ratio Lower Upper

105 100

120 49.0 0.0 92.8

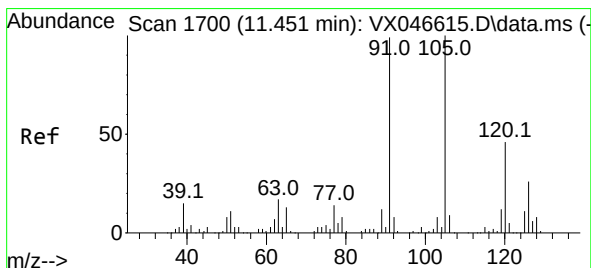
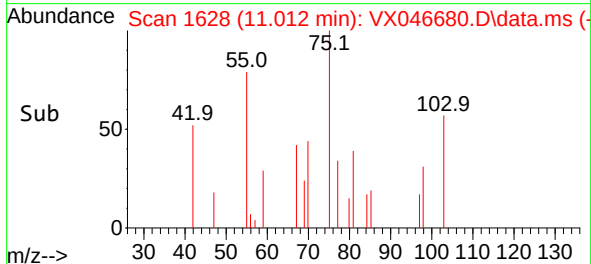
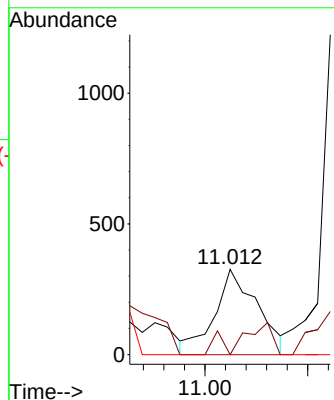
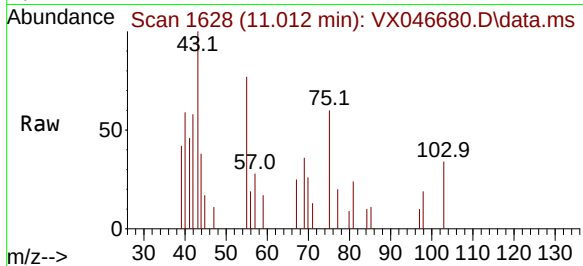




#77
t-1,4-Dichloro-2-butene
Concen: 1.192 ug/l
RT: 11.012 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

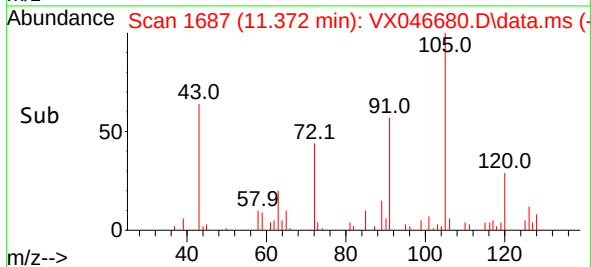
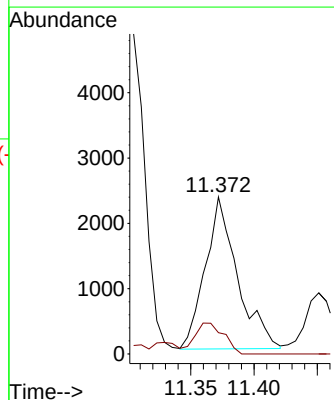
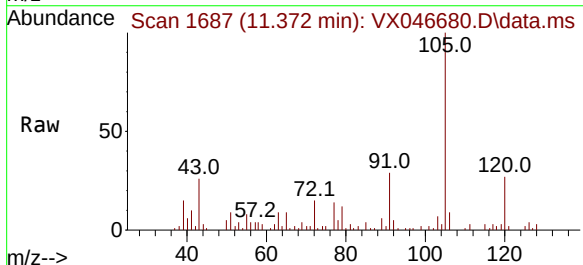
Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

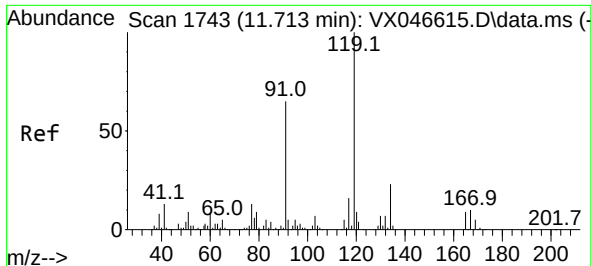
Tgt Ion: 75 Resp: 470
Ion Ratio Lower Upper
75 100
53 0.0 61.9 185.7#
89 0.0 24.0 72.0#



#78
4-Chlorotoluene
Concen: 1.049 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. -0.079 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion: 91 Resp: 4132
Ion Ratio Lower Upper
91 100
126 18.3 0.0 55.0

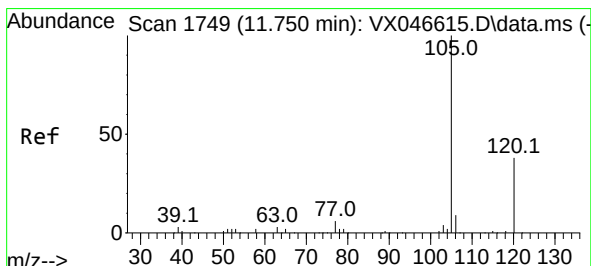
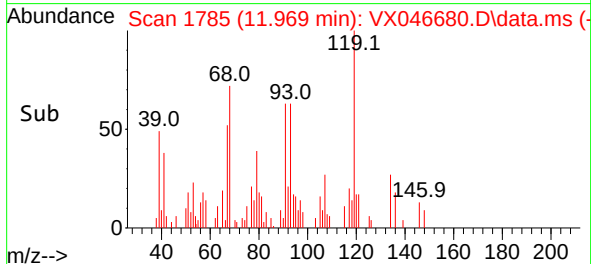
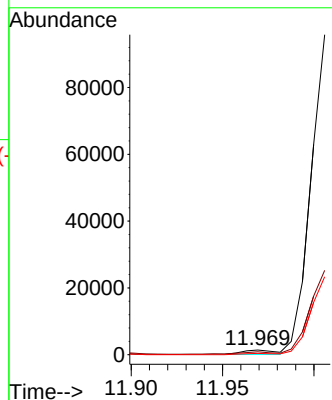
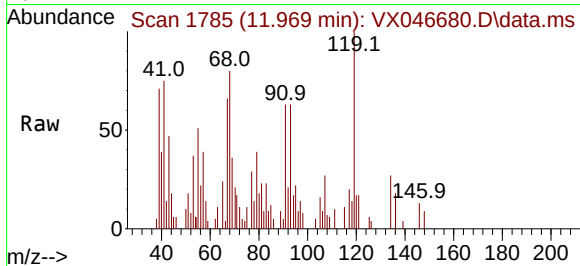




#79
tert-butylbenzene
Concen: 0.451 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.256 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

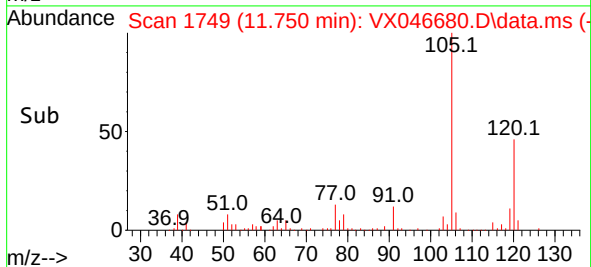
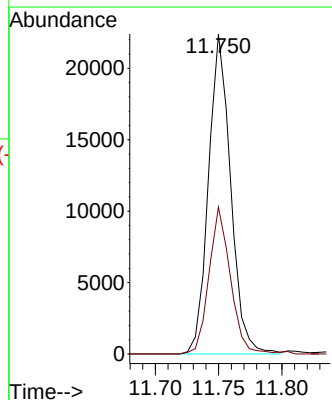
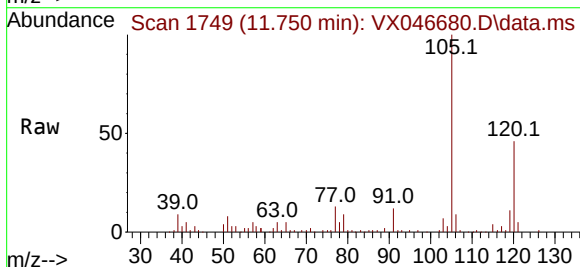
Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

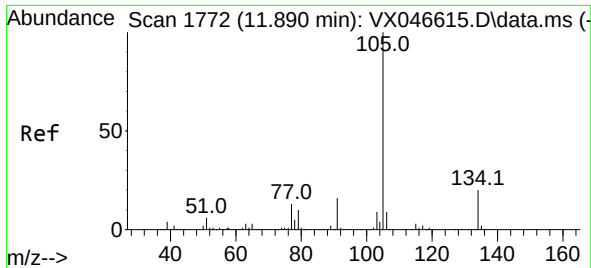
Tgt Ion:119 Resp: 1779
Ion Ratio Lower Upper
119 100
91 58.6 0.0 126.0
134 27.2 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 7.003 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion:105 Resp: 27339
Ion Ratio Lower Upper
105 100
120 44.2 0.0 89.6

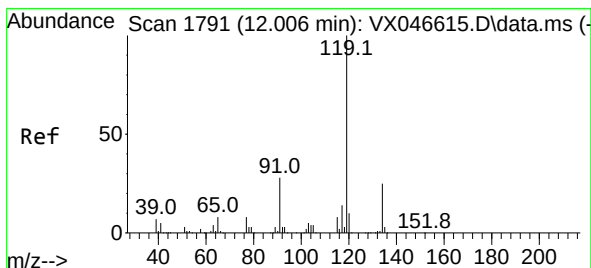
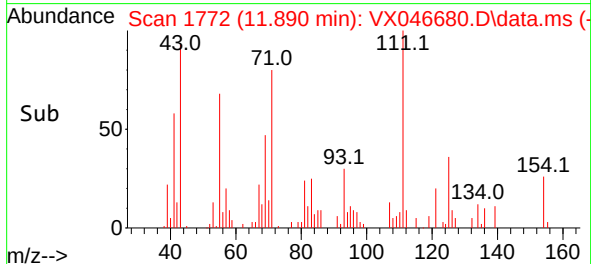
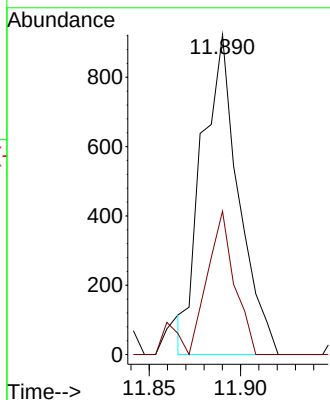
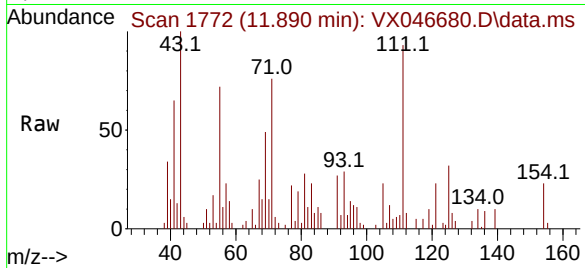




#81
 sec-Butylbenzene
 Concen: 0.256 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046680.D
 Acq: 13 Jun 2025 11:37

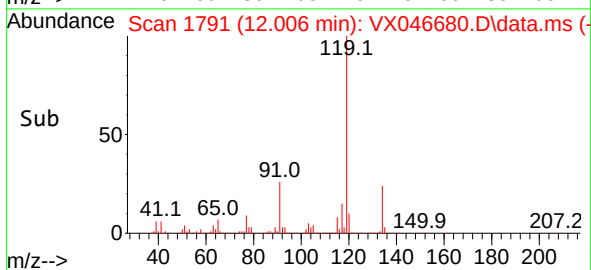
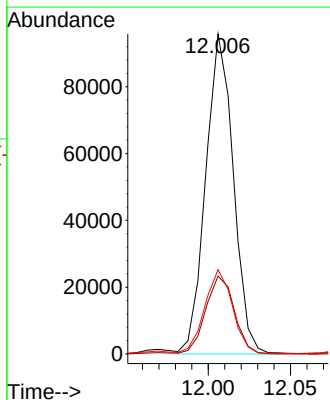
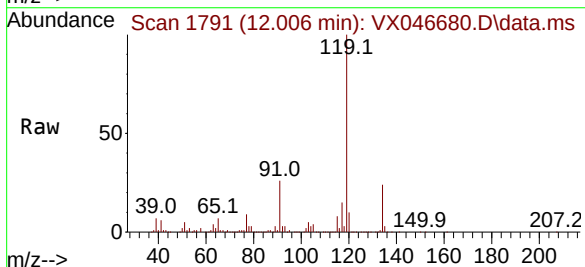
Instrument :
 MSVOA_X
 ClientSampleId :
 250611078-02-VOA

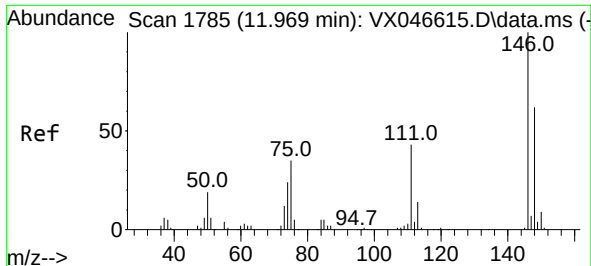
Tgt Ion:105 Resp: 1289
 Ion Ratio Lower Upper
 105 100
 134 32.9 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 27.006 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046680.D
 Acq: 13 Jun 2025 11:37

Tgt Ion:119 Resp: 111816
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 50.0
 91 26.0 0.0 54.0

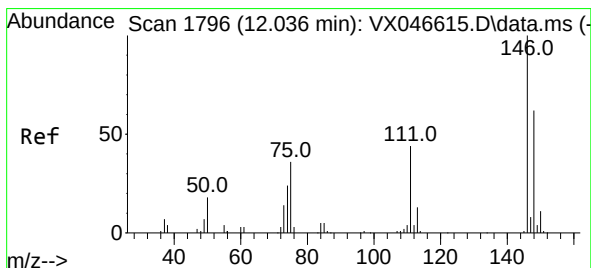
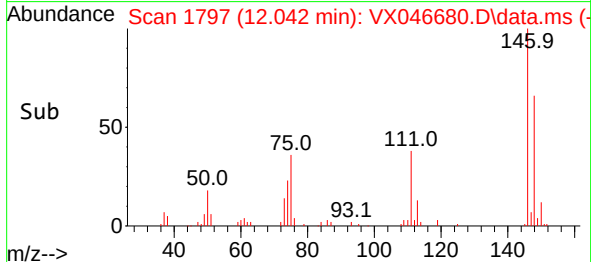
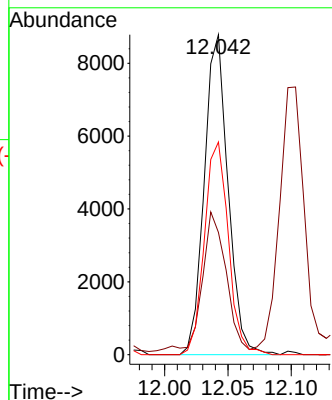
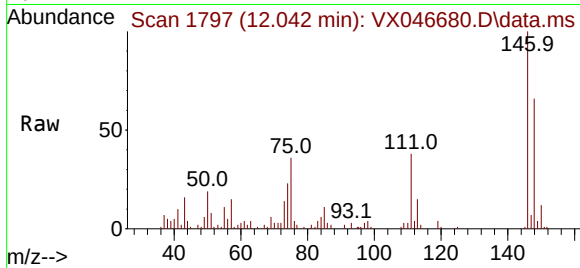




#83
 1,3-Dichlorobenzene
 Concen: 5.542 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.073 min
 Lab File: VX046680.D
 Acq: 13 Jun 2025 11:37

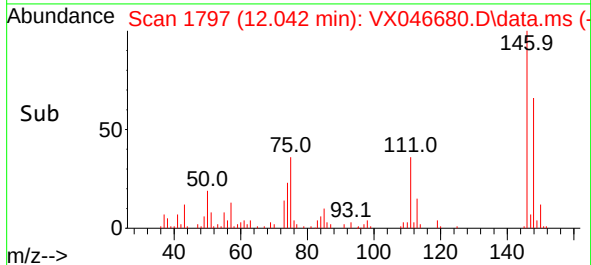
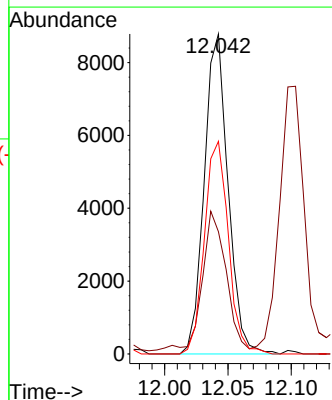
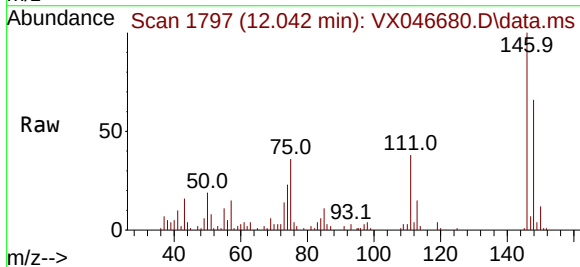
Instrument :
 MSVOA_X
 ClientSampleId :
 250611078-02-VOA

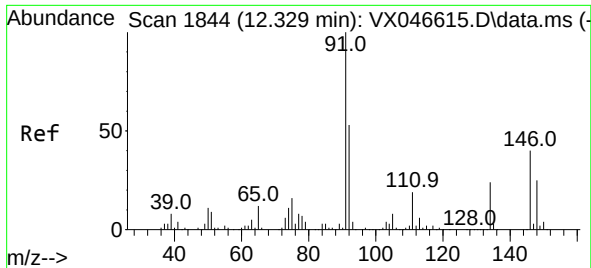
Tgt Ion:146	Resp:	11505
Ion Ratio	Lower	Upper
146	100	
111	43.5	21.9 65.8
148	67.0	32.0 96.2



#84
 1,4-Dichlorobenzene
 Concen: 5.511 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.006 min
 Lab File: VX046680.D
 Acq: 13 Jun 2025 11:37

Tgt Ion:146	Resp:	11505
Ion Ratio	Lower	Upper
146	100	
111	44.8	21.3 63.7
148	67.0	31.4 94.3

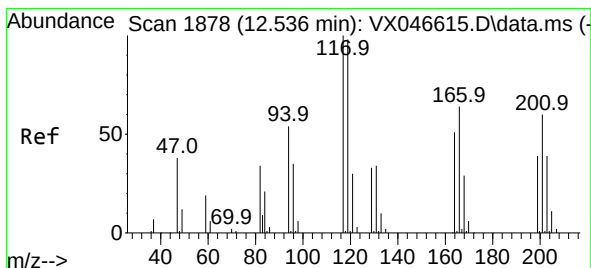
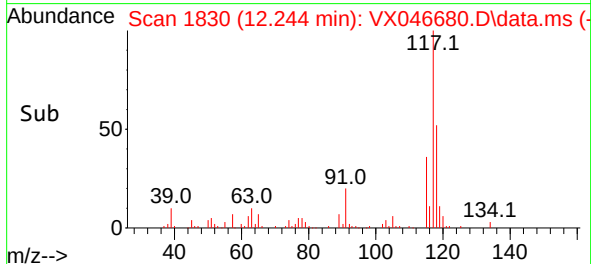
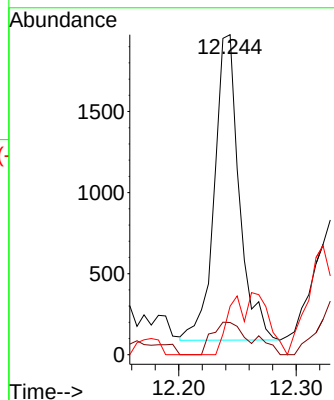
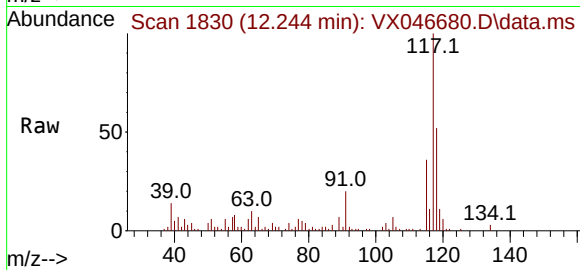




#85
n-Butylbenzene
Concen: 0.695 ug/l
RT: 12.244 min Scan# 1830
Delta R.T. -0.085 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

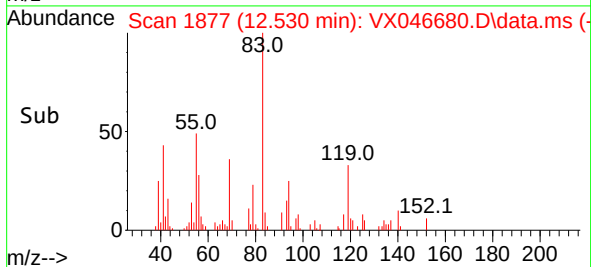
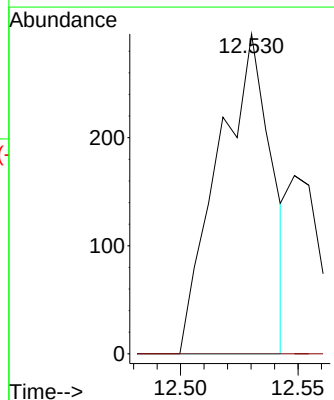
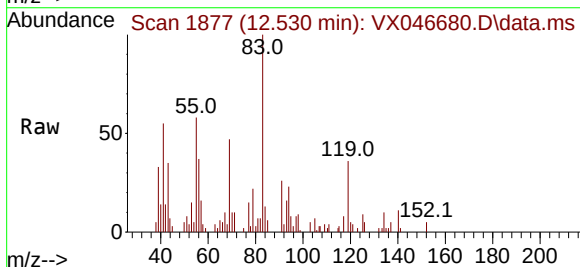
Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

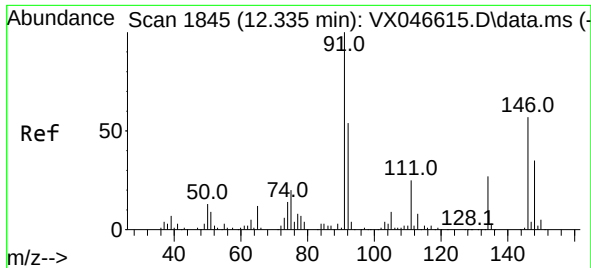
Tgt Ion: 91 Resp: 2771
Ion Ratio Lower Upper
91 100
92 13.4 0.0 106.4
134 13.1 0.0 48.8



#86
Hexachloroethane
Concen: 0.651 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Tgt Ion: 117 Resp: 468
Ion Ratio Lower Upper
117 100
201 0.0 31.7 95.1#

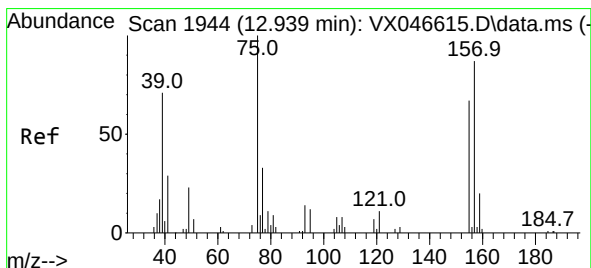
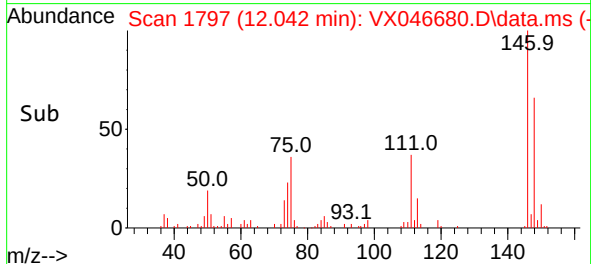
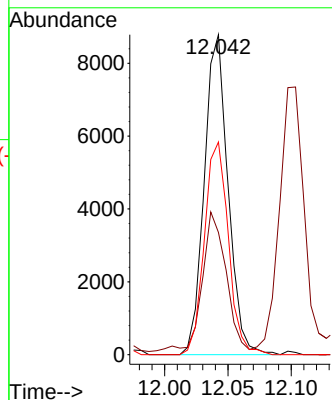
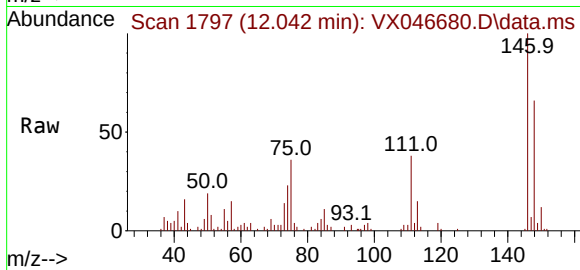




#87
 1,2-Dichlorobenzene
 Concen: 5.761 ug/l
 RT: 12.042 min Scan# 11
 Delta R.T. -0.293 min
 Lab File: VX046680.D
 Acq: 13 Jun 2025 11:37

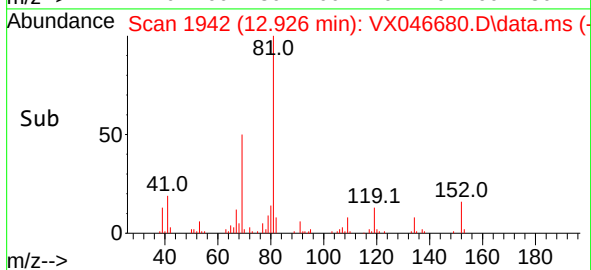
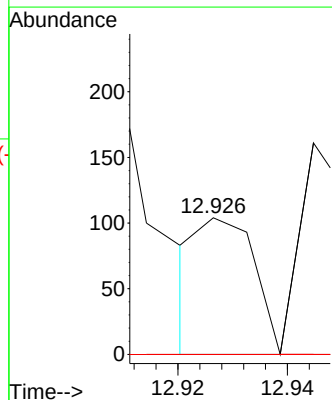
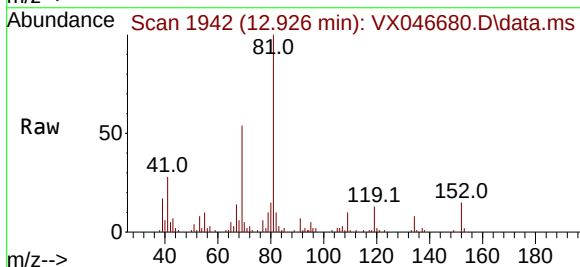
Instrument :
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 ClientSampleId :
 250611078-02-VOA

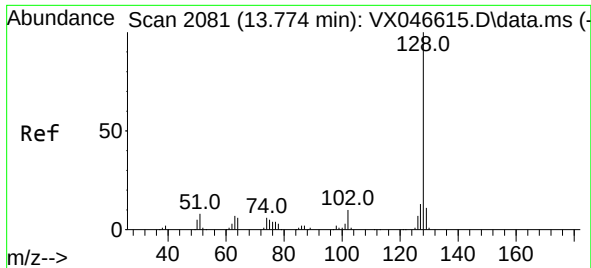
Tgt Ion:146 Resp: 11505
 Ion Ratio Lower Upper
 146 100
 111 42.0 22.9 68.5
 148 67.0 31.6 94.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 0.250 ug/l
 RT: 12.926 min Scan# 1942
 Delta R.T. -0.012 min
 Lab File: VX046680.D
 Acq: 13 Jun 2025 11:37

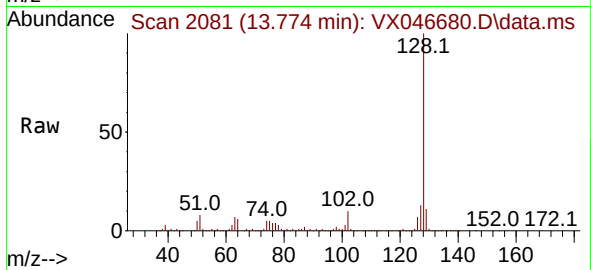
Tgt Ion: 75 Resp: 72
 Ion Ratio Lower Upper
 75 100
 155 0.0 59.4 89.2#
 157 0.0 75.0 112.6#





#91
Naphthalene
Concen: 43.838 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046680.D
Acq: 13 Jun 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA



Tgt Ion:128 Resp: 183119
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.8 13.2

