

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045808.D
 Acq On : 16 Apr 2025 15:21
 Operator : JC/MD
 Sample : Q1800-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A4-01-G

Quant Time: Apr 17 01:37:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

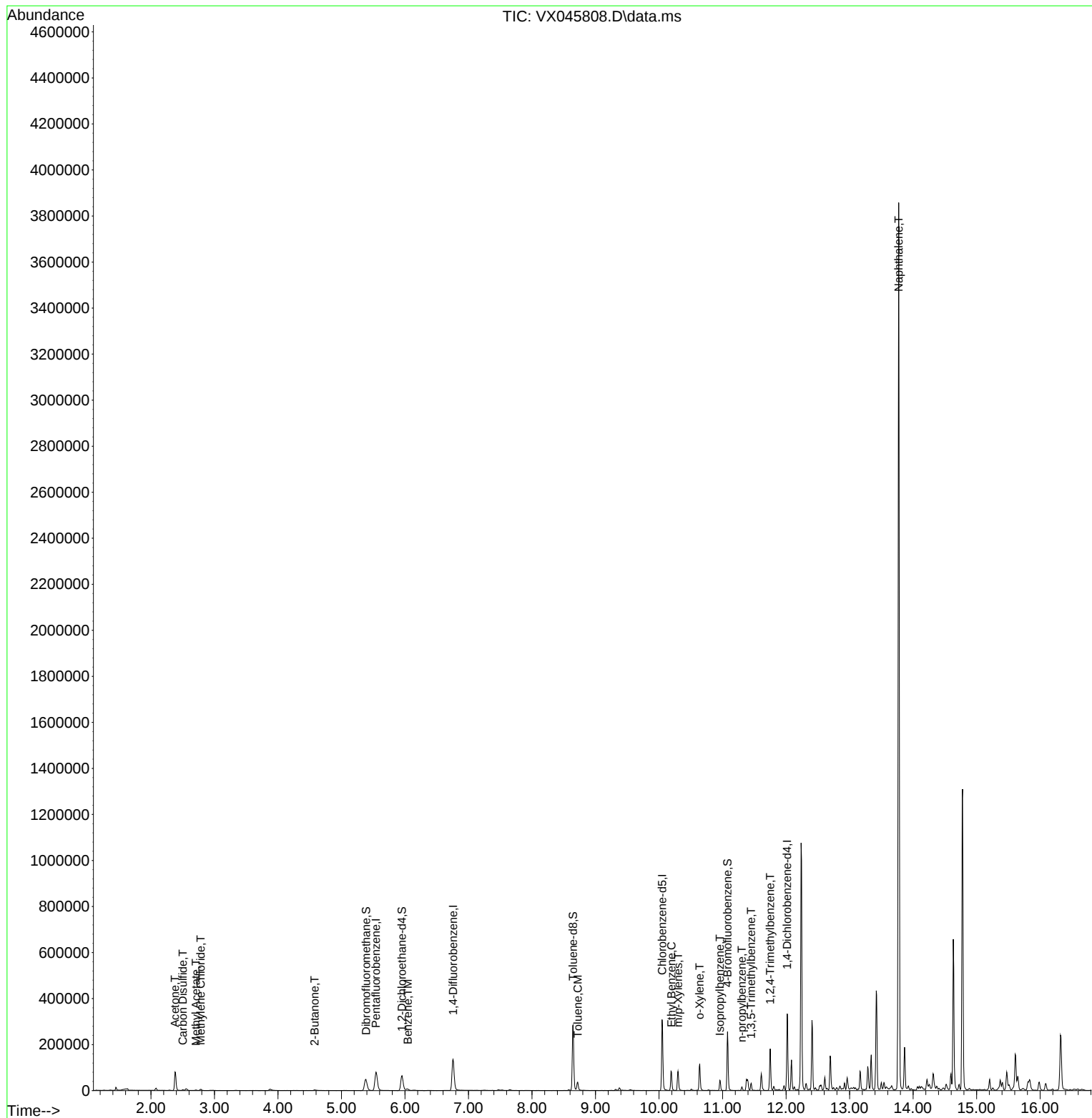
Internal Standards						
1) Pentafluorobenzene	5.544	168	66619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67175	55.139	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.280%
35) Dibromofluoromethane	5.385	113	43199	45.922	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.840%
50) Toluene-d8	8.647	98	167959	51.153	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.300%
62) 4-Bromofluorobenzene	11.079	95	65675	54.913	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.820%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	88755	177.417	ug/l	97
17) Carbon Disulfide	2.501	76	4081	2.066	ug/l #	94
18) Methyl Acetate	2.709	43	3090	2.683	ug/l	92
20) Methylene Chloride	2.782	84	2515	2.685	ug/l	90
25) 2-Butanone	4.574	43	6279	8.575	ug/l	95
40) Benzene	6.043	78	7856	2.025	ug/l	94
52) Toluene	8.720	92	13290	5.662	ug/l	94
67) Ethyl Benzene	10.195	91	49130	10.332	ug/l	96
68) m/p-Xylenes	10.299	106	18899	10.927	ug/l	98
69) o-Xylene	10.640	106	23256	13.650	ug/l	98
73) Isopropylbenzene	10.957	105	21955	4.708	ug/l	99
78) n-propylbenzene	11.305	91	9402	1.750	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	14060	3.646	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	74244	19.181	ug/l	99
95) Naphthalene	13.774	128	2103763	520.785	ug/l	99

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

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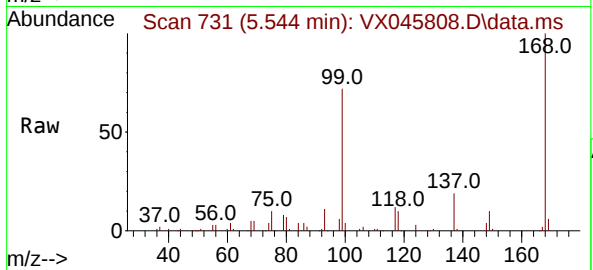
Quant Time: Apr 17 01:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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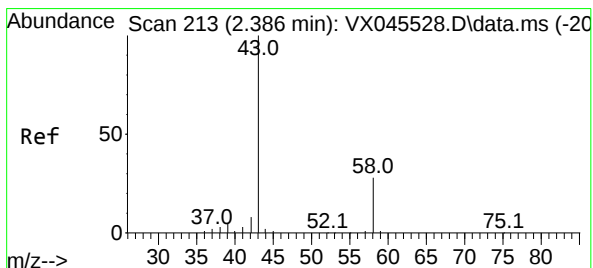
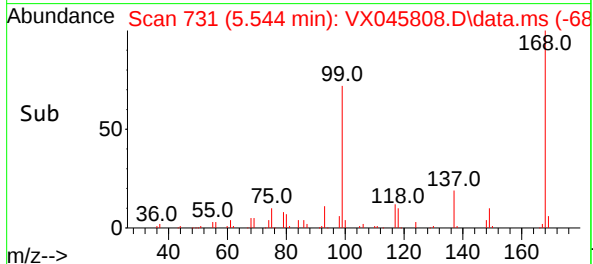
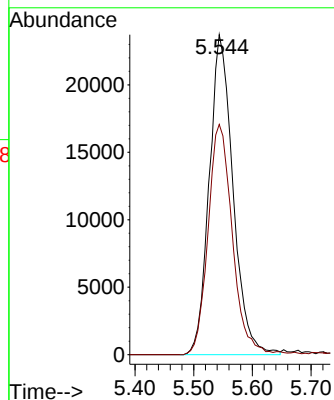


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
WC-A4-01-G

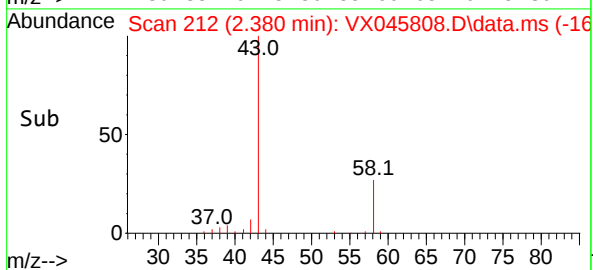
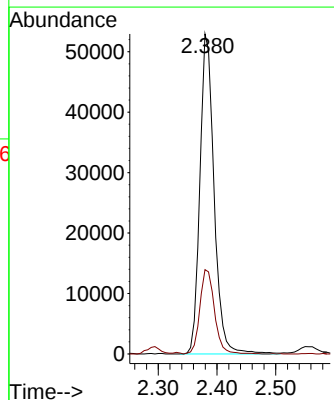
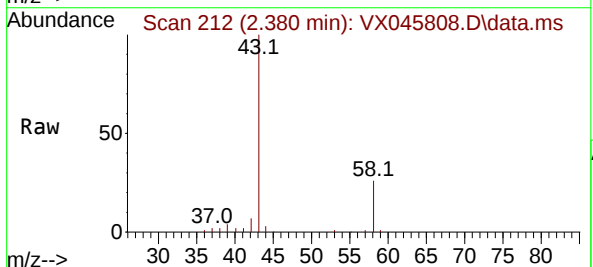


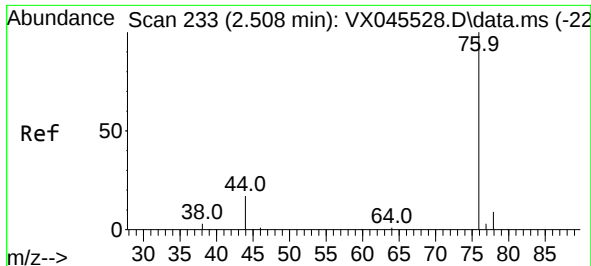
Tgt Ion:168 Resp: 66619
Ion Ratio Lower Upper
168 100
99 72.0 52.3 78.5



#16
Acetone
Concen: 177.417 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

Tgt Ion: 43 Resp: 88755
Ion Ratio Lower Upper
43 100
58 26.2 22.3 33.5

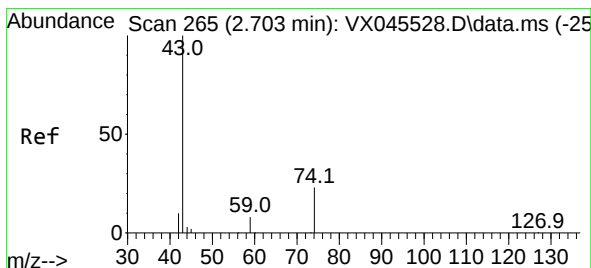
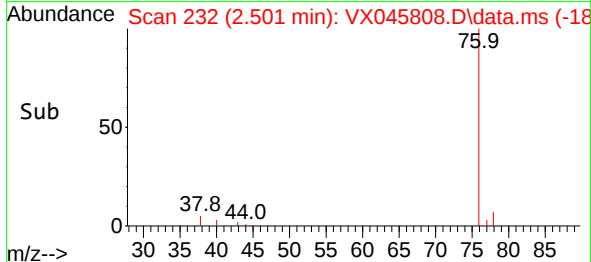
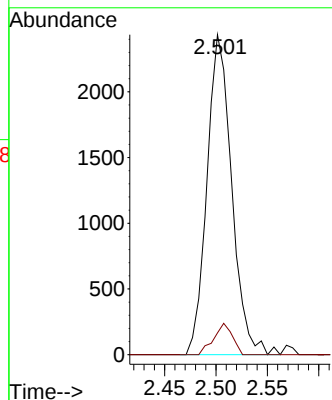
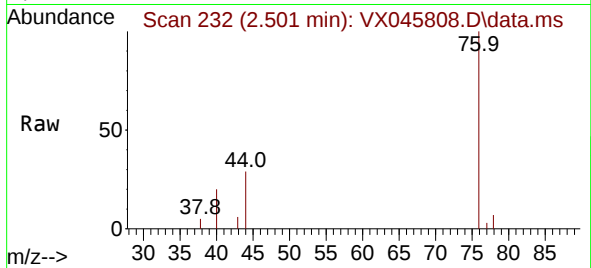




#17
Carbon Disulfide
Concen: 2.066 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

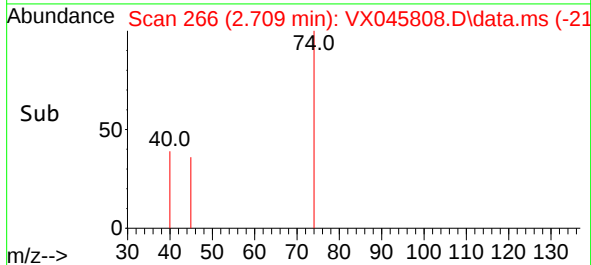
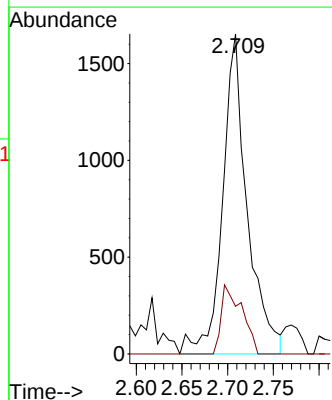
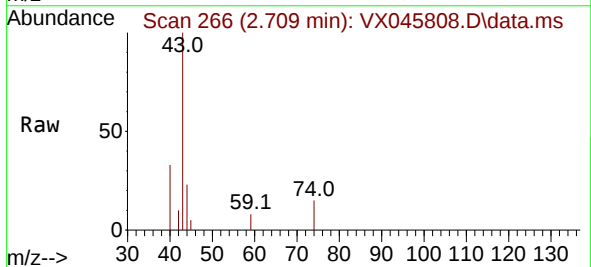
Instrument :
MSVOA_X
ClientSampleId :
WC-A4-01-G

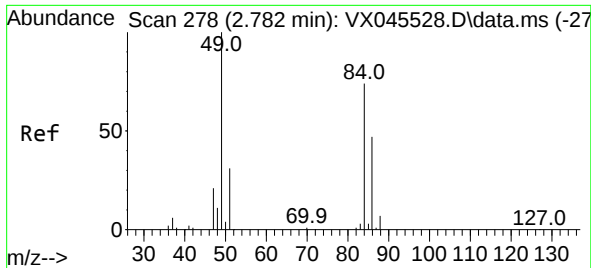
Tgt Ion: 76 Resp: 4081
Ion Ratio Lower Upper
76 100
78 6.8 7.0 10.6#



#18
Methyl Acetate
Concen: 2.683 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

Tgt Ion: 43 Resp: 3090
Ion Ratio Lower Upper
43 100
74 18.2 17.5 26.3

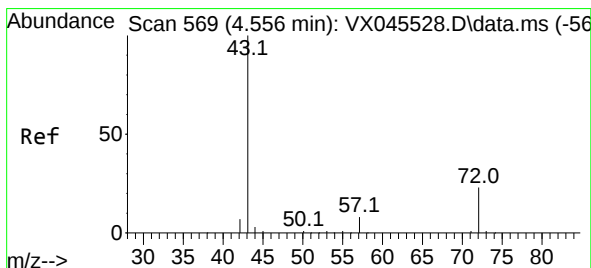
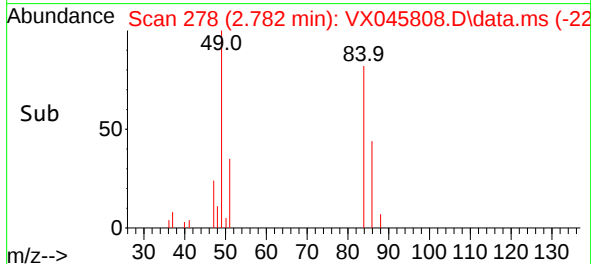
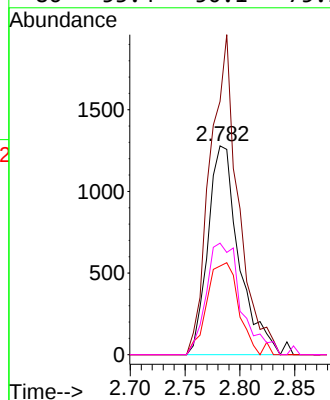
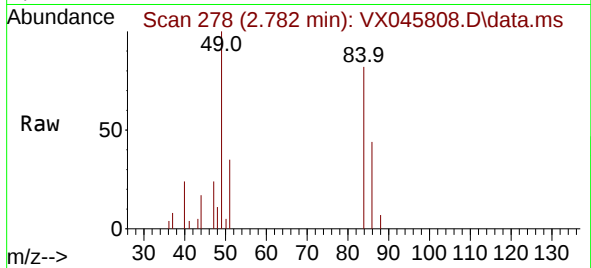




#20
Methylene Chloride
Concen: 2.685 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

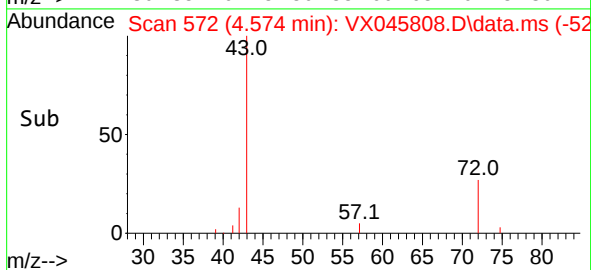
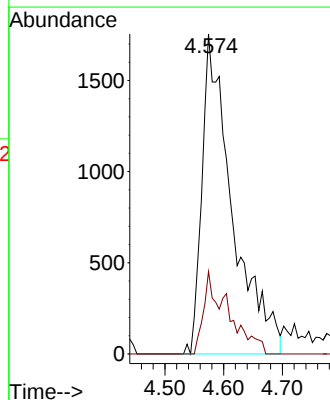
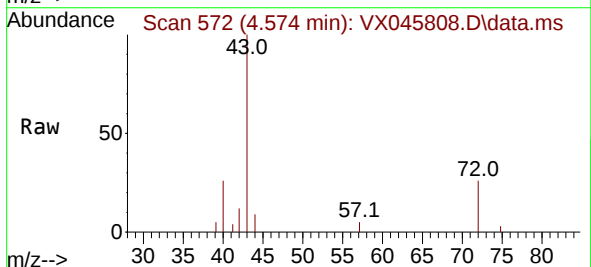
Instrument :
MSVOA_X
ClientSampleId :
WC-A4-01-G

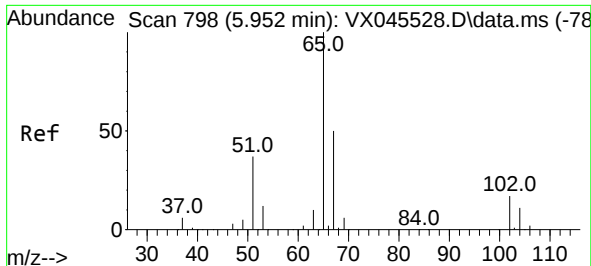
Tgt Ion: 84	Resp: 2515
Ion Ratio	Lower Upper
84 100	
49 121.3	107.5 161.3
51 42.5	33.0 49.6
86 53.4	50.1 75.1



#25
2-Butanone
Concen: 8.575 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

Tgt Ion: 43	Resp: 6279		
Ion Ratio	Lower	Upper	
43 100			
72 25.8	18.6	28.0	





#33

1,2-Dichloroethane-d4

Concen: 55.139 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045808.D

Acq: 16 Apr 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

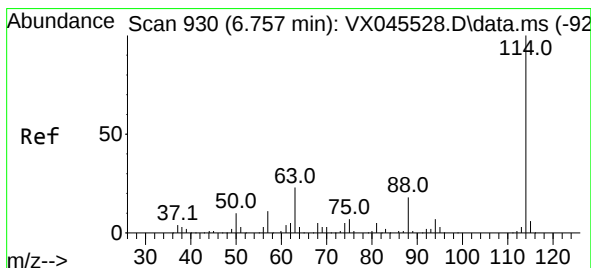
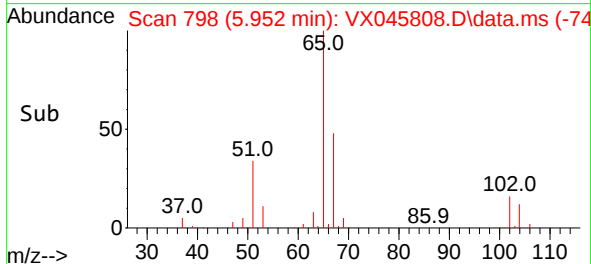
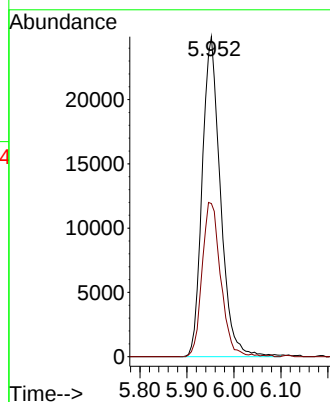
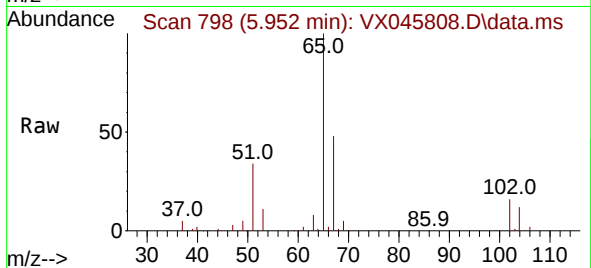
WC-A4-01-G

Tgt Ion: 65 Resp: 67175

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045808.D

Acq: 16 Apr 2025 15:21

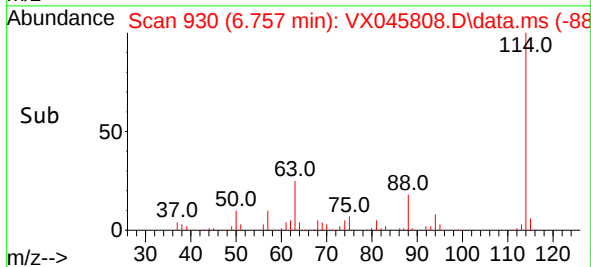
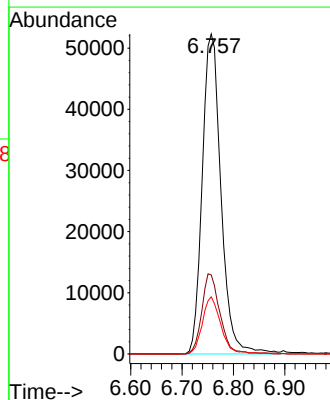
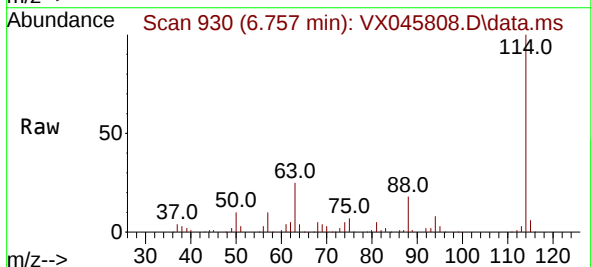
Tgt Ion: 114 Resp: 132587

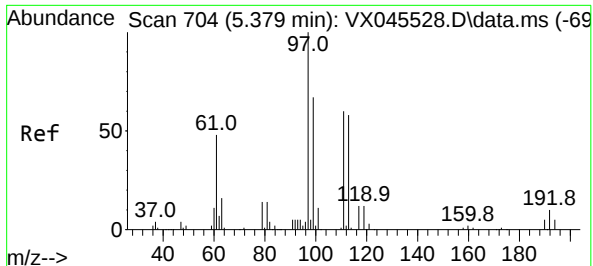
Ion Ratio Lower Upper

114 100

63 24.7 0.0 46.8

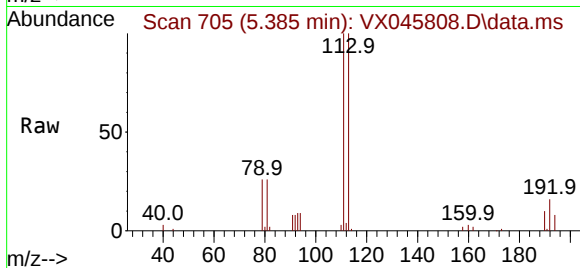
88 17.9 0.0 35.4



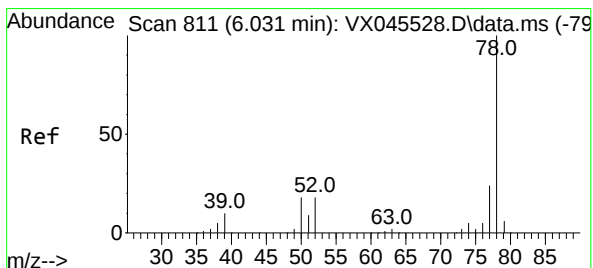
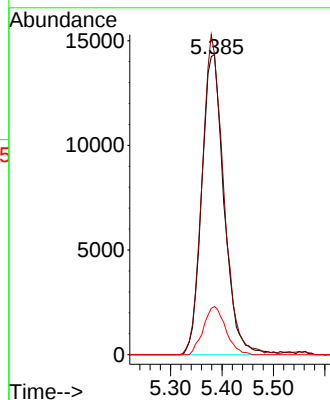
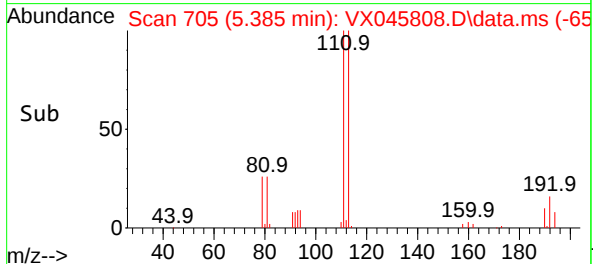


#35
Dibromofluoromethane
Concen: 45.922 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
WC-A4-01-G

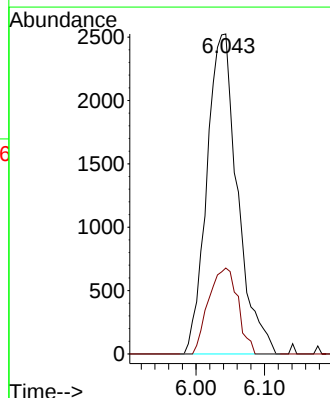
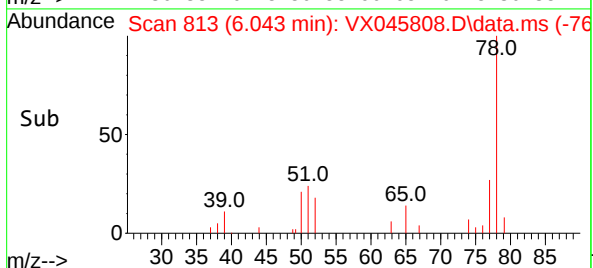
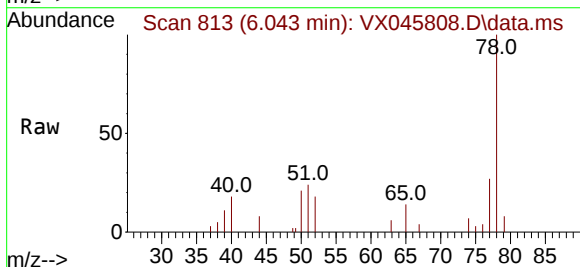


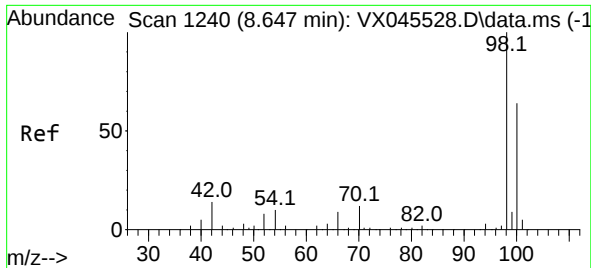
Tgt Ion:113 Resp: 43199
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 16.0 13.8 20.6



#40
Benzene
Concen: 2.025 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

Tgt Ion: 78 Resp: 7856
Ion Ratio Lower Upper
78 100
77 26.9 19.0 28.6

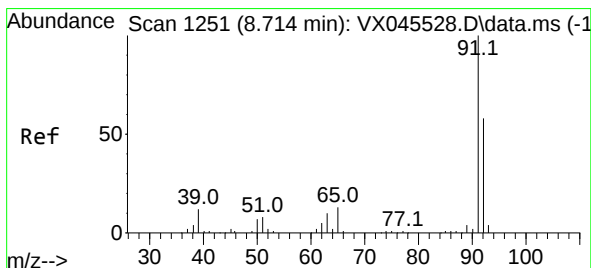
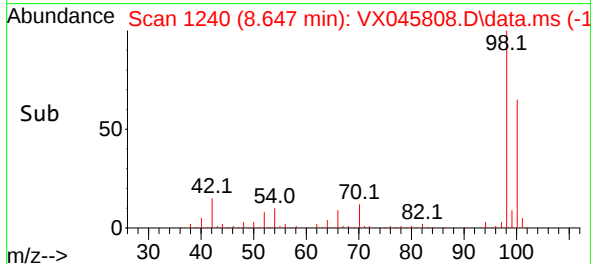
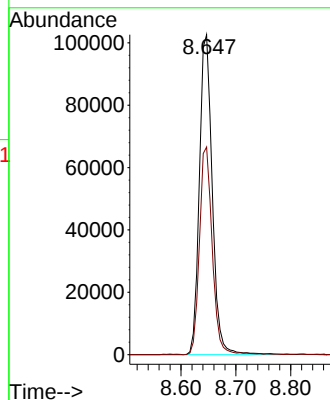
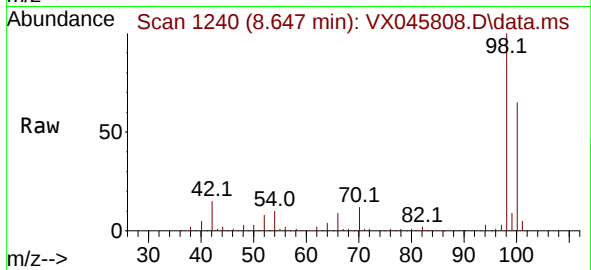




#50
Toluene-d8
Concen: 51.153 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

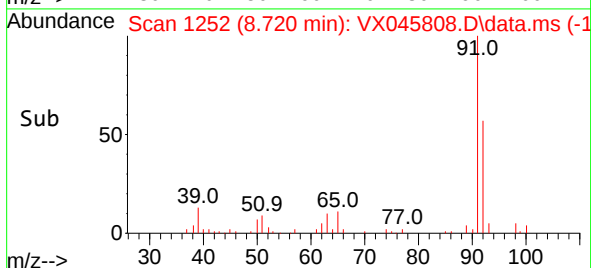
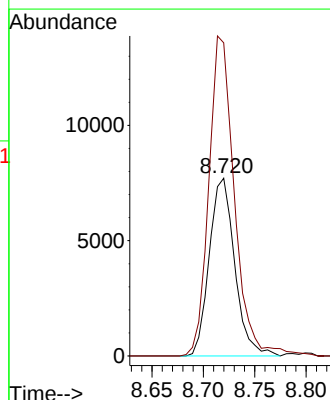
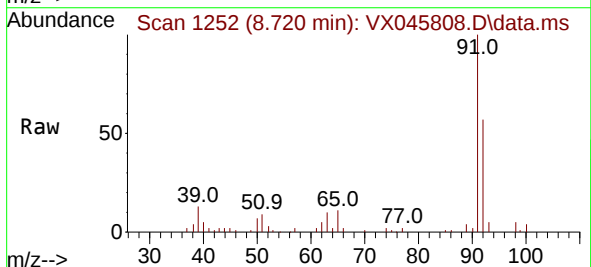
Instrument :
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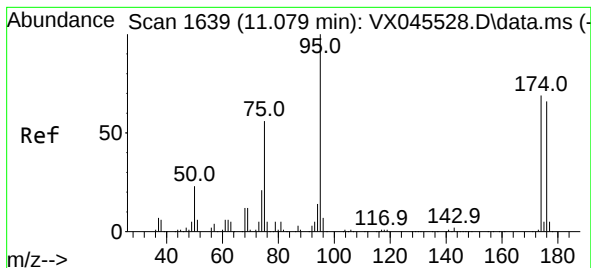
Tgt Ion: 98 Resp: 167959
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#52
Toluene
Concen: 5.662 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

Tgt Ion: 92 Resp: 13290
Ion Ratio Lower Upper
92 100
91 181.4 138.7 208.1

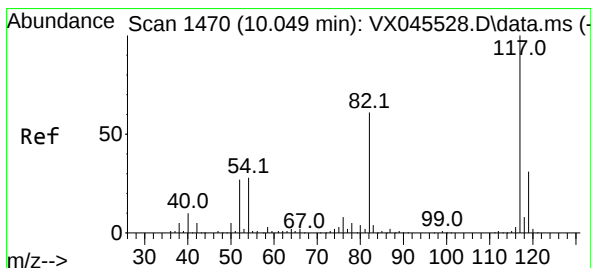
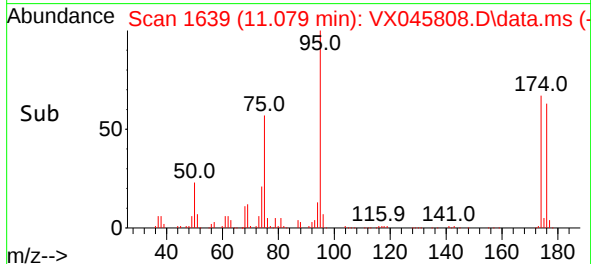
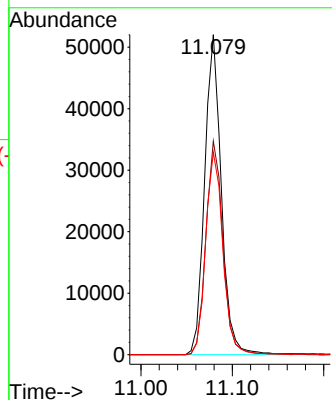
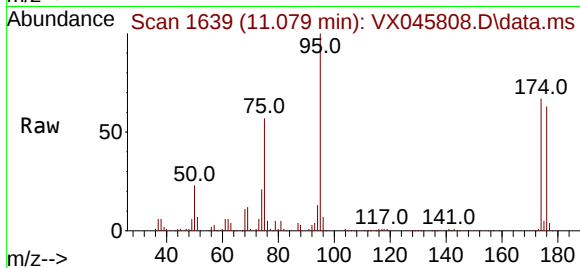




#62
4-Bromofluorobenzene
Concen: 54.913 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

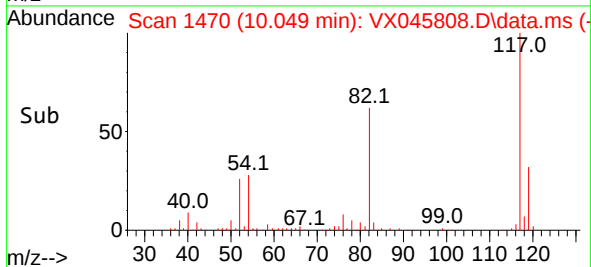
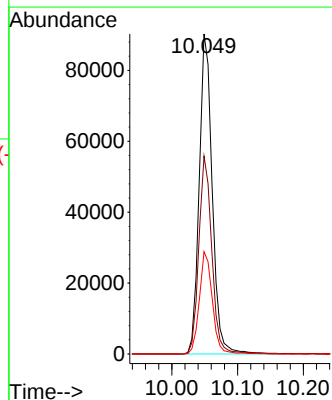
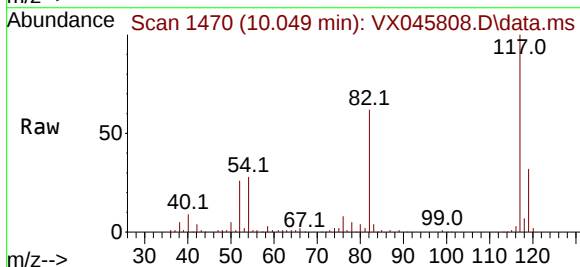
Instrument :
MSVOA_X
ClientSampleId :
WC-A4-01-G

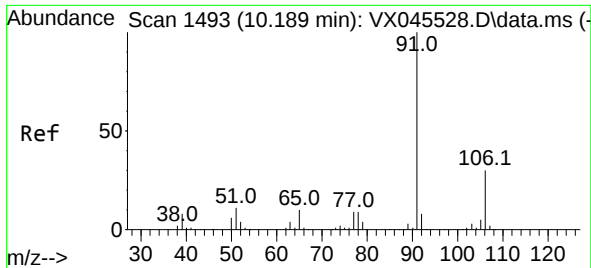
Tgt Ion: 95 Resp: 65675
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 65.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

Tgt Ion: 117 Resp: 124254
Ion Ratio Lower Upper
117 100
82 61.8 49.2 73.8
119 32.0 25.1 37.7





#67

Ethyl Benzene

Concen: 10.332 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX045808.D

Acq: 16 Apr 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

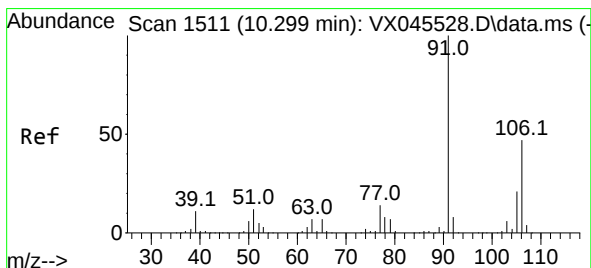
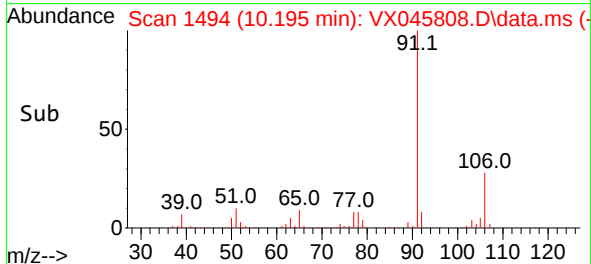
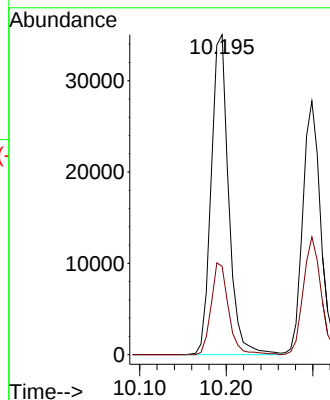
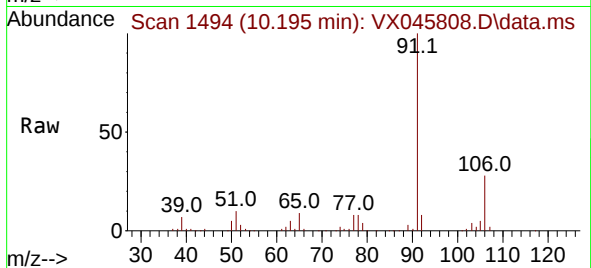
WC-A4-01-G

Tgt Ion: 91 Resp: 49130

Ion Ratio Lower Upper

91 100

106 27.6 23.7 35.5



#68

m/p-Xylenes

Concen: 10.927 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045808.D

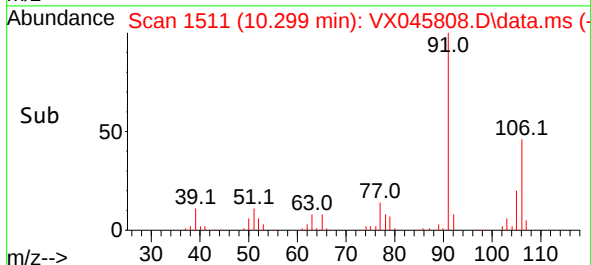
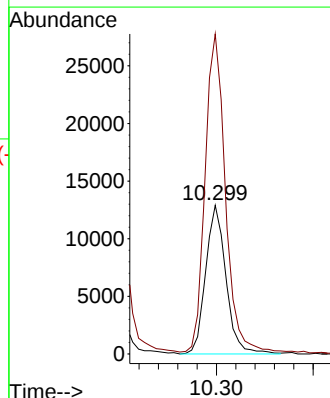
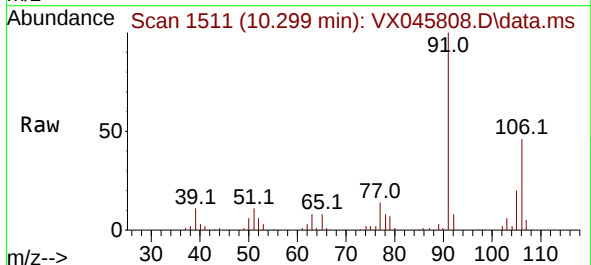
Acq: 16 Apr 2025 15:21

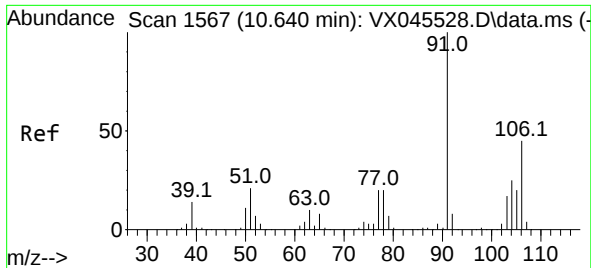
Tgt Ion:106 Resp: 18899

Ion Ratio Lower Upper

106 100

91 218.1 172.6 258.8

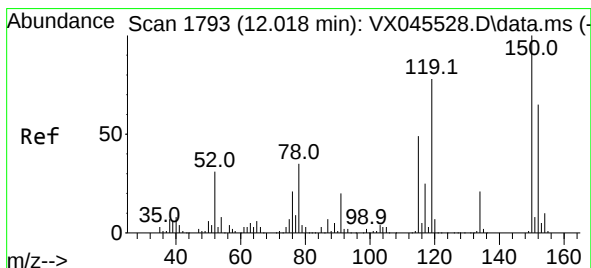
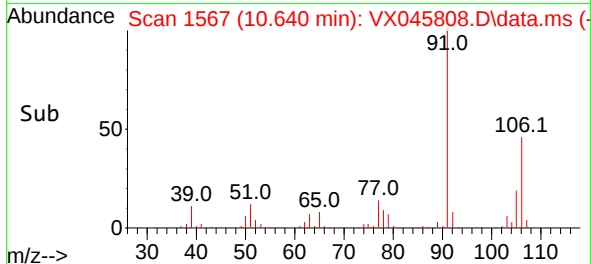
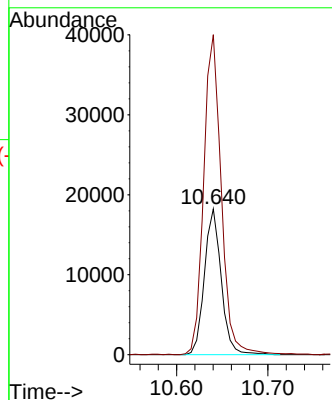
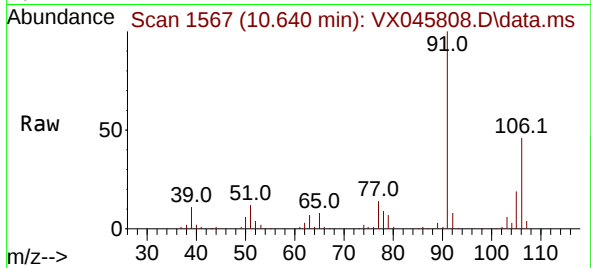




#69
o-Xylene
Concen: 13.650 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

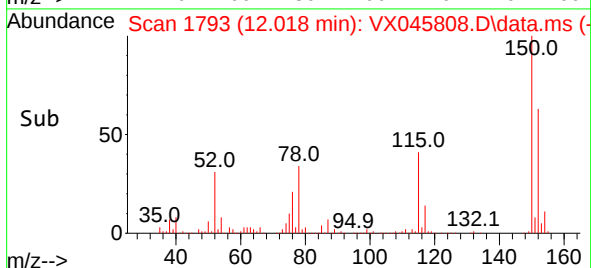
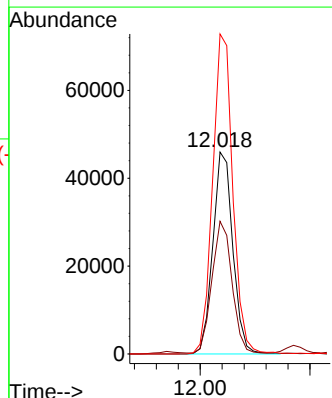
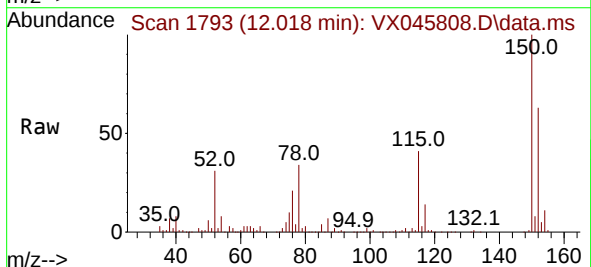
Instrument :
MSVOA_X
ClientSampleId :
WC-A4-01-G

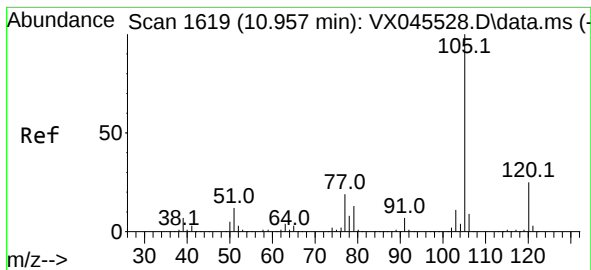
Tgt Ion:106 Resp: 23256
Ion Ratio Lower Upper
106 100
91 230.0 113.6 340.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

Tgt Ion:152 Resp: 58223
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 159.8 0.0 349.4





#73

Isopropylbenzene

Concen: 4.708 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX045808.D

Acq: 16 Apr 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

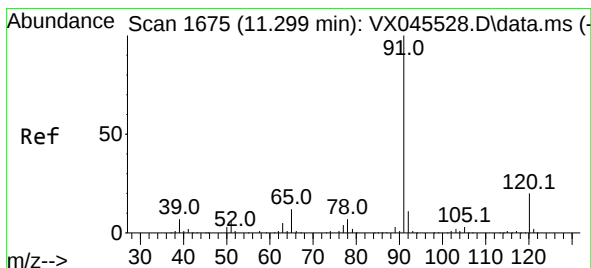
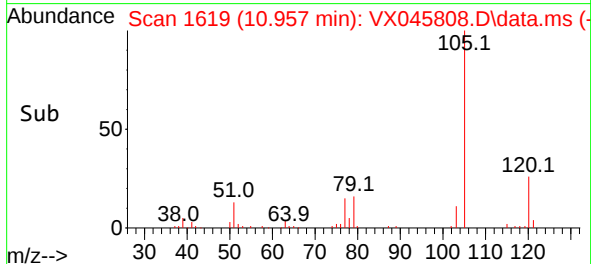
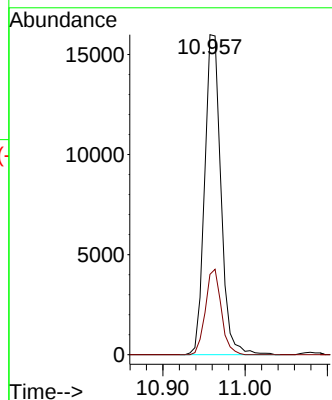
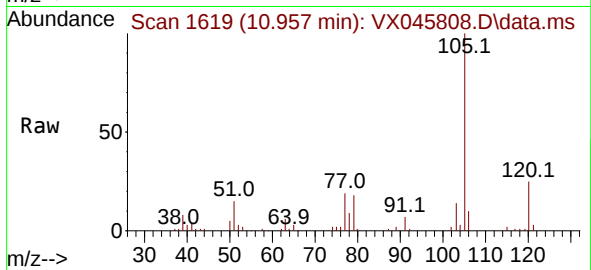
WC-A4-01-G

Tgt Ion:105 Resp: 21955

Ion Ratio Lower Upper

105 100

120 26.0 12.7 38.0



#78

n-propylbenzene

Concen: 1.750 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX045808.D

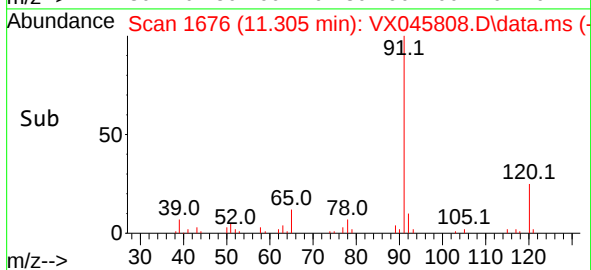
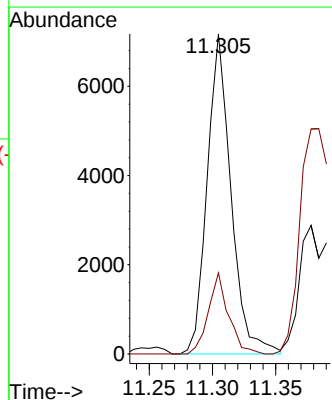
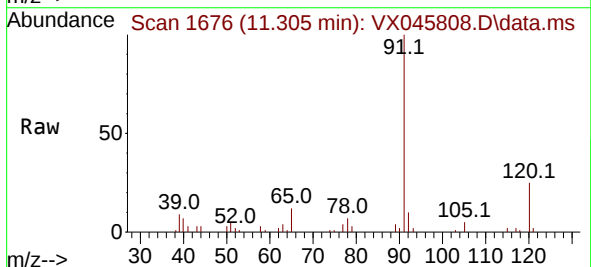
Acq: 16 Apr 2025 15:21

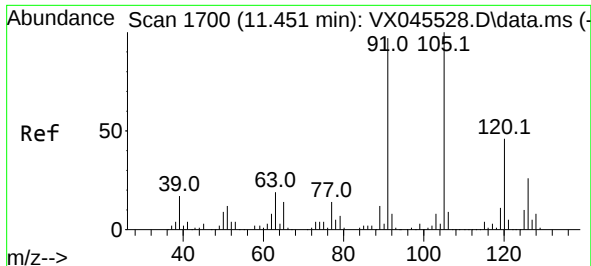
Tgt Ion: 91 Resp: 9402

Ion Ratio Lower Upper

91 100

120 21.4 10.8 32.3

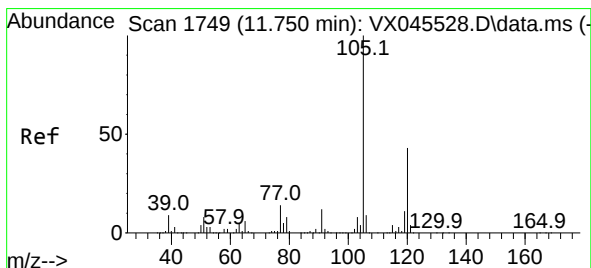
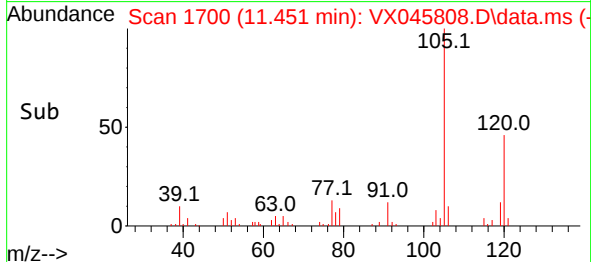
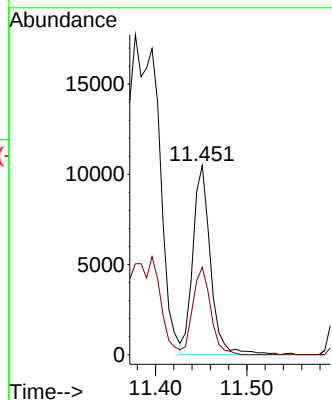
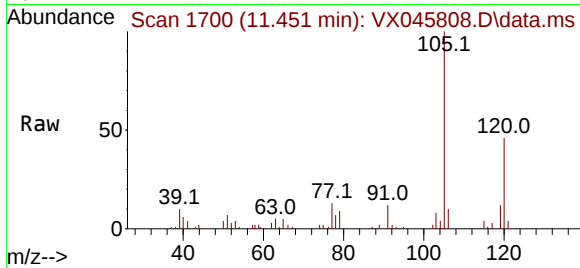




#80
1,3,5-Trimethylbenzene
Concen: 3.646 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

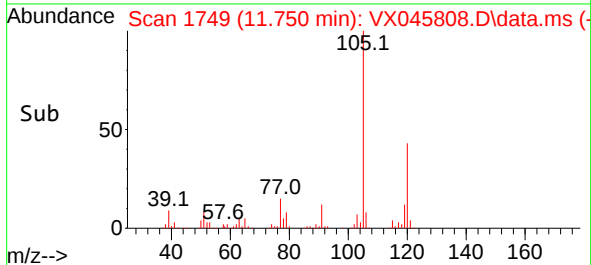
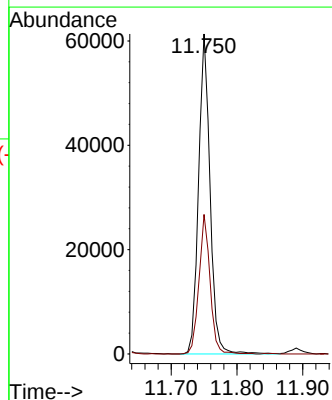
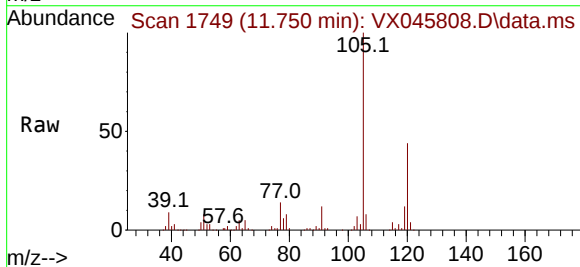
Instrument :
MSVOA_X
ClientSampleId :
WC-A4-01-G

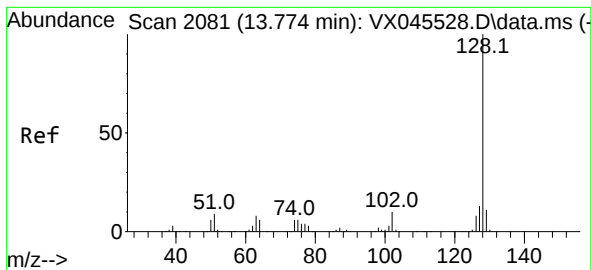
Tgt Ion:105 Resp: 14060
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0



#84
1,2,4-Trimethylbenzene
Concen: 19.181 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

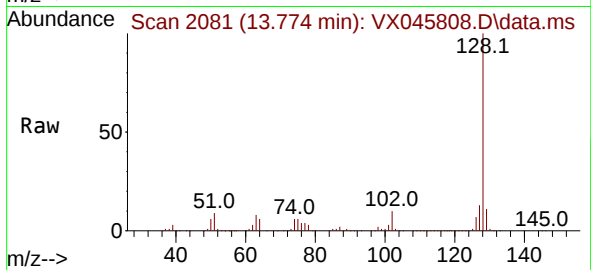
Tgt Ion:105 Resp: 74244
Ion Ratio Lower Upper
105 100
120 42.3 21.4 64.3





#95
Naphthalene
Concen: 520.785 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX045808.D
Acq: 16 Apr 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
WC-A4-01-G



Tgt Ion:128 Resp: 2103763
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 8.6 12.8

