

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045682.D
 Acq On : 09 Apr 2025 17:39
 Operator : JC/MD
 Sample : Q1762-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW5

Quant Time: Apr 10 01:37:04 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)

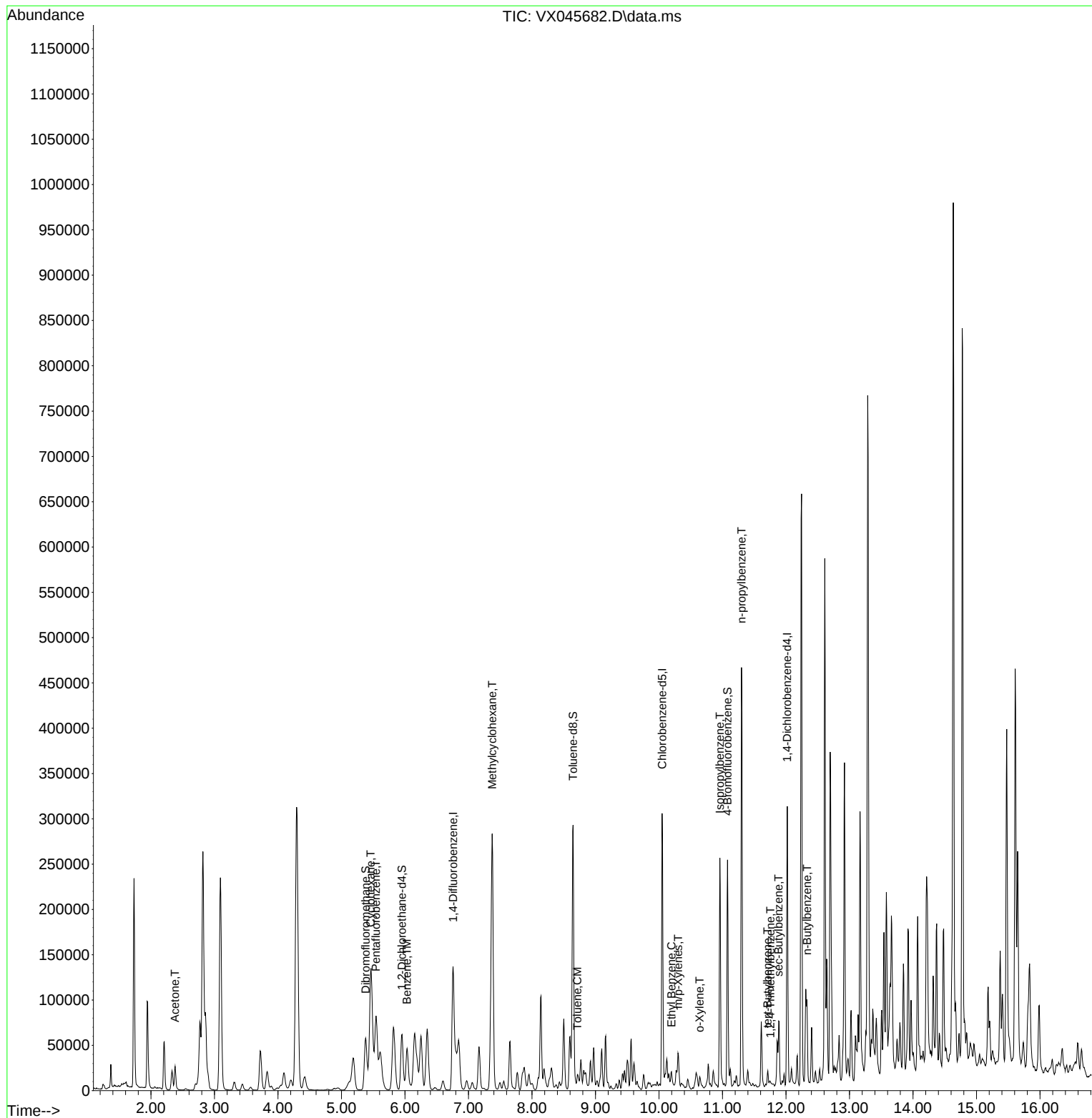
Internal Standards						
1) Pentafluorobenzene	5.544	168	66105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63851	52.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.640%	
35) Dibromofluoromethane	5.379	113	46585	50.634	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.260%	
50) Toluene-d8	8.647	98	163312	50.856	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.720%	
62) 4-Bromofluorobenzene	11.079	95	66536	56.883	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.760%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	27855	56.114	ug/l	98
31) Cyclohexane	5.458	56	91795	61.901	ug/l	97
39) Methylcyclohexane	7.373	83	113339	74.432	ug/l	94
40) Benzene	6.032	78	54686	14.414	ug/l	98
52) Toluene	8.714	92	5603	2.441	ug/l	95
67) Ethyl Benzene	10.195	91	9335	2.014	ug/l	99
68) m/p-Xylenes	10.299	106	6369	3.778	ug/l	91
69) o-Xylene	10.640	106	2384	1.435	ug/l	89
73) Isopropylbenzene	10.957	105	122812	27.838	ug/l	100
78) n-propylbenzene	11.299	91	280633	55.226	ug/l	100
83) tert-Butylbenzene	11.707	119	4642	1.285	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1605	0.438	ug/l	89
85) sec-Butylbenzene	11.884	105	36522	8.233	ug/l	98
89) n-Butylbenzene	12.329	91	40738	12.845	ug/l #	81

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

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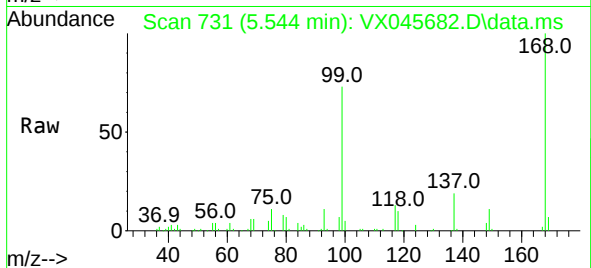
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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QLast Update : Wed Apr 02 03:11:43 2025
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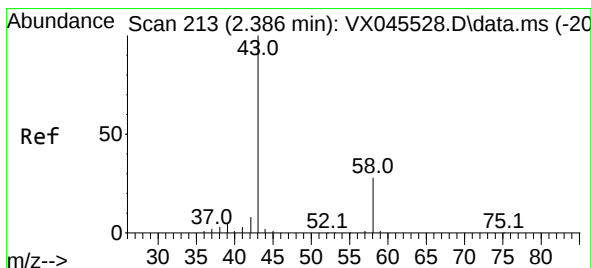
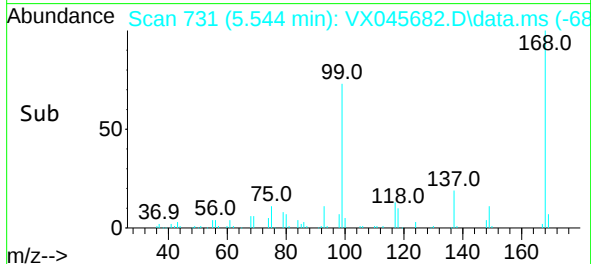
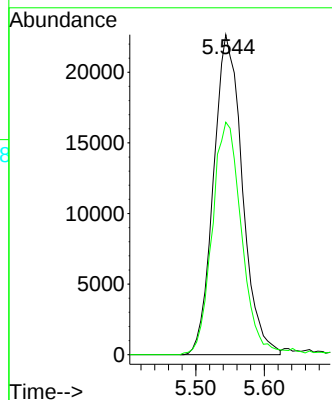


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

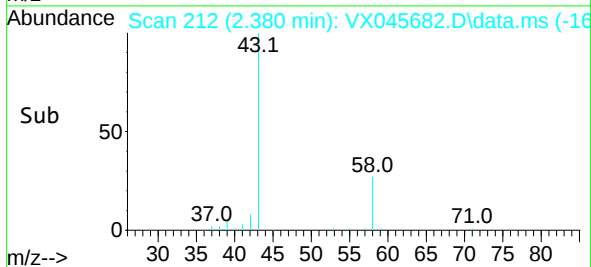
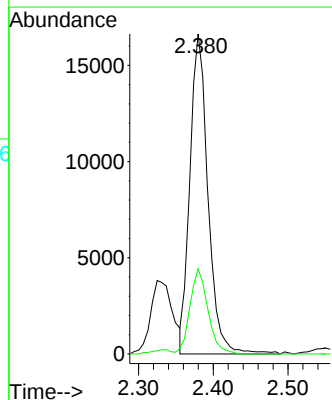
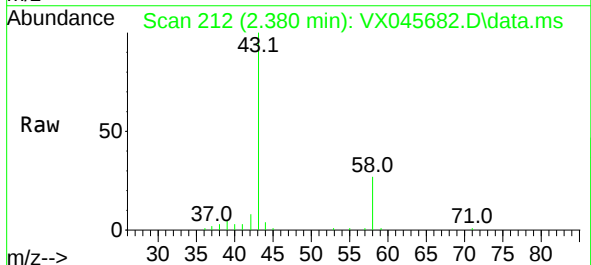


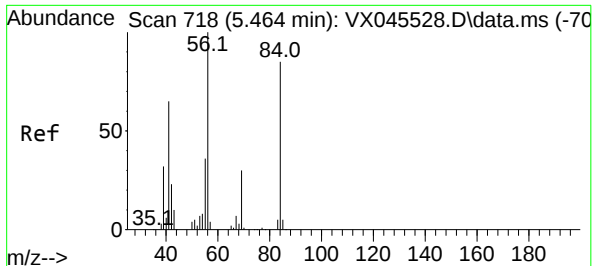
Tgt Ion:168 Resp: 66105
Ion Ratio Lower Upper
168 100
99 72.6 52.3 78.5



#16
Acetone
Concen: 56.114 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 43 Resp: 27855
Ion Ratio Lower Upper
43 100
58 26.7 22.3 33.5

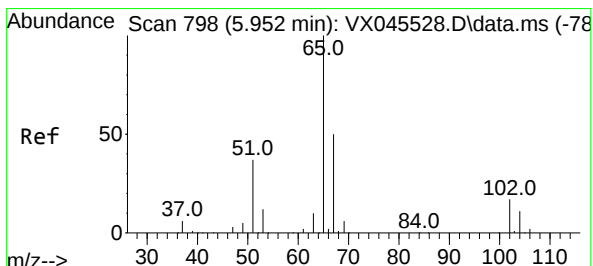
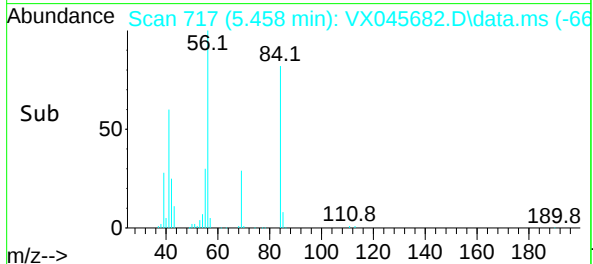
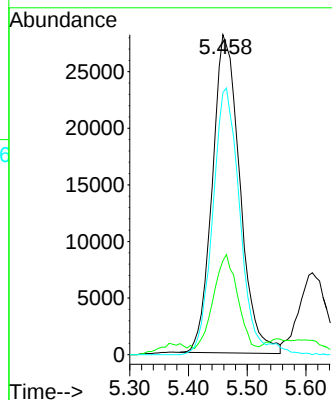
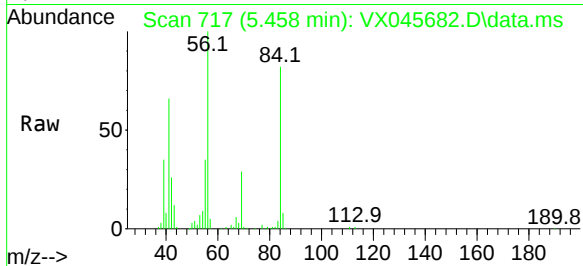




#31
Cyclohexane
Concen: 61.901 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

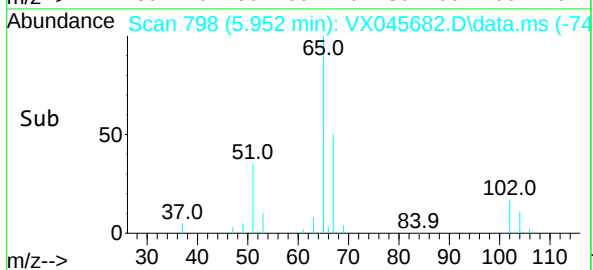
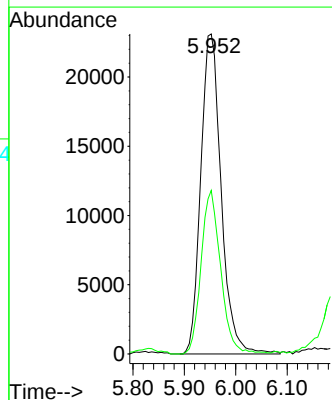
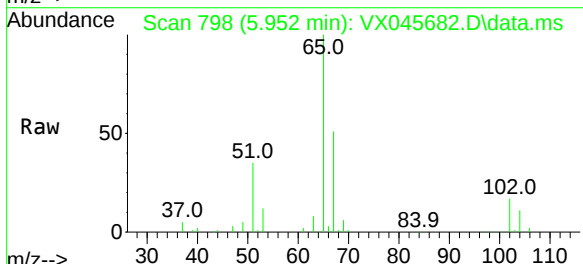
Instrument :
MSVOA_X
ClientSampleId :
MW5

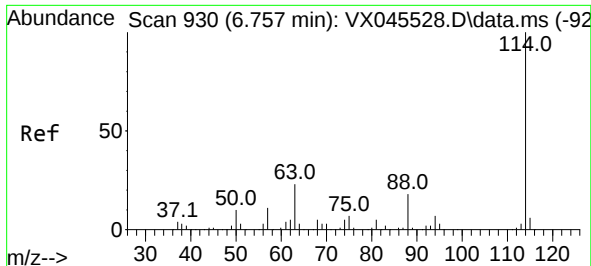
Tgt Ion: 56 Resp: 91795
Ion Ratio Lower Upper
56 100
69 26.1 23.6 35.4
84 82.6 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 52.818 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 65 Resp: 63851
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

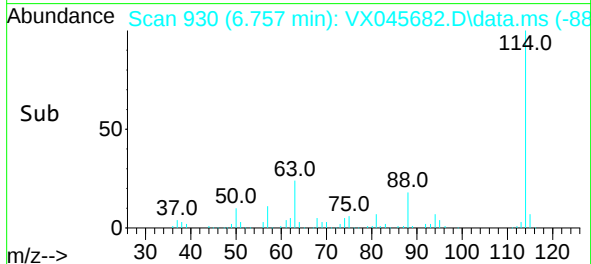
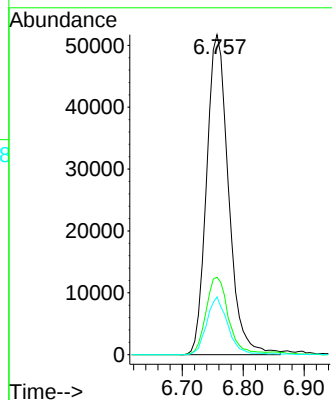
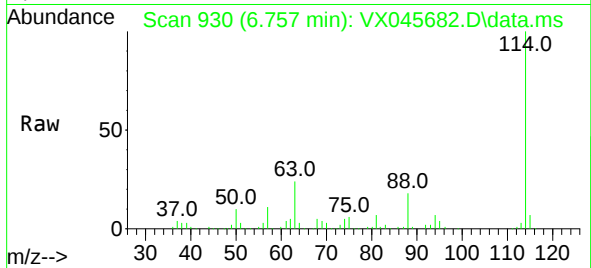




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

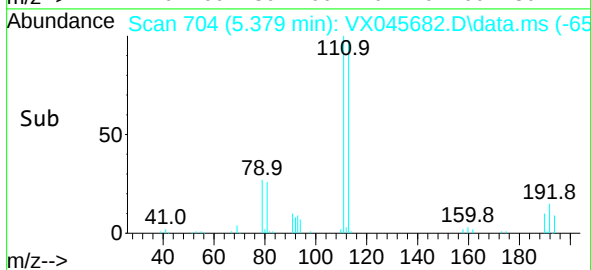
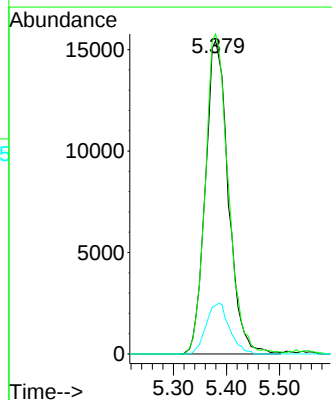
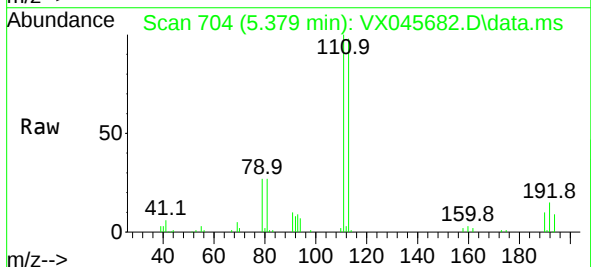
Instrument :
MSVOA_X
ClientSampleId :
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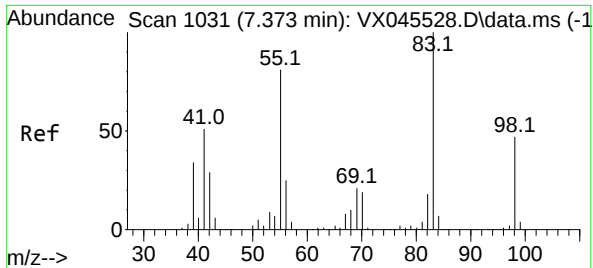
Tgt Ion:114 Resp: 129673
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.8
88 18.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.634 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:113 Resp: 46585
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 16.3 13.8 20.6





#39

Methylcyclohexane

Concen: 74.432 ug/l

RT: 7.373 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW5

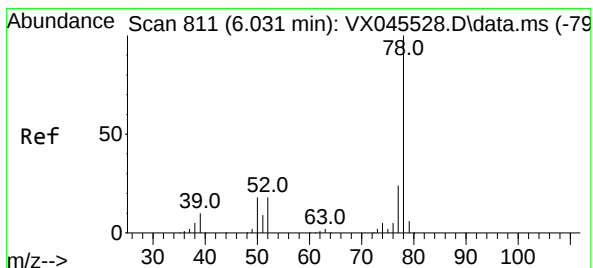
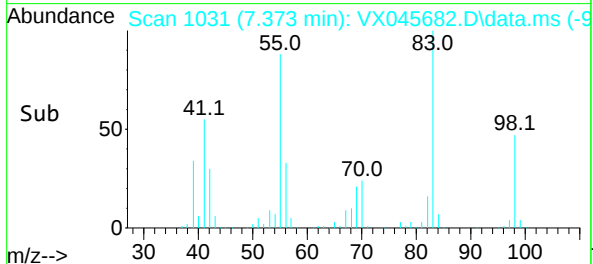
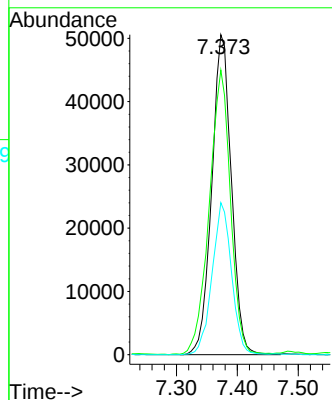
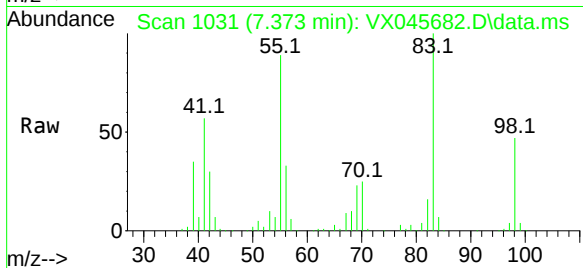
Tgt Ion: 83 Resp: 113339

Ion Ratio Lower Upper

83 100

55 88.8 64.9 97.3

98 47.5 37.4 56.0



#40

Benzene

Concen: 14.414 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045682.D

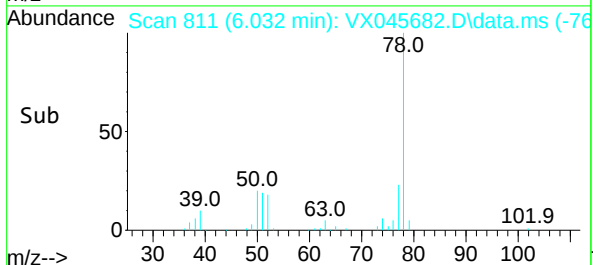
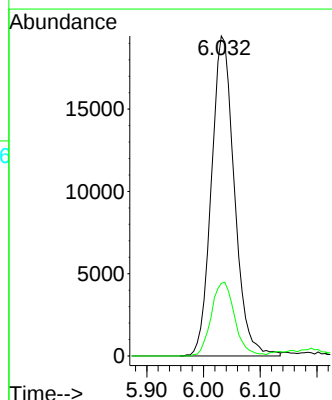
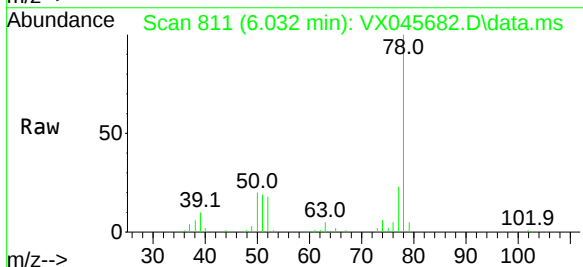
Acq: 09 Apr 2025 17:39

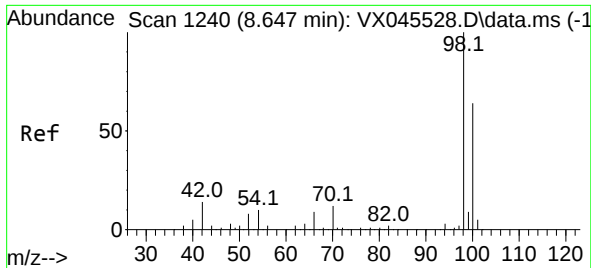
Tgt Ion: 78 Resp: 54686

Ion Ratio Lower Upper

78 100

77 22.7 19.0 28.6

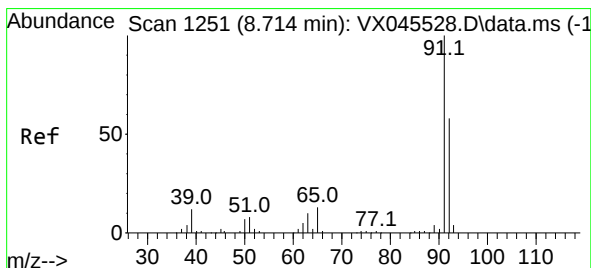
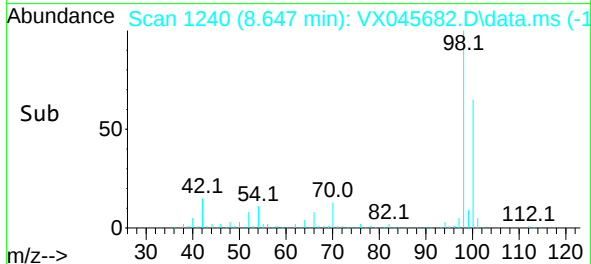
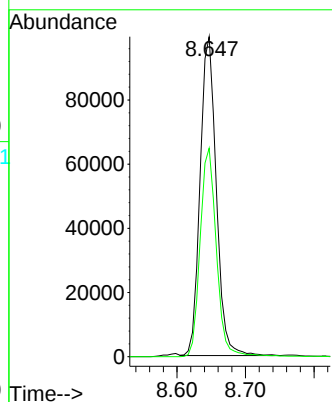
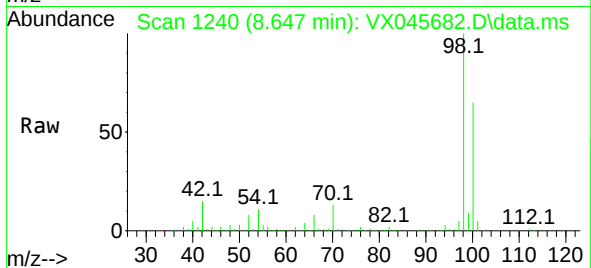




#50
Toluene-d8
Concen: 50.856 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

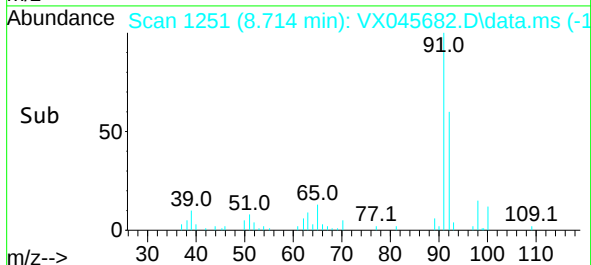
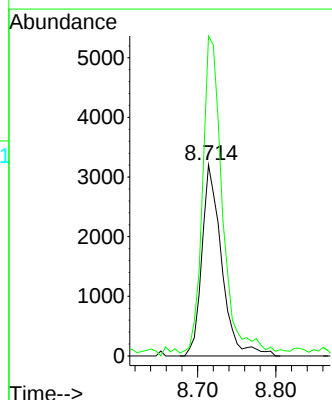
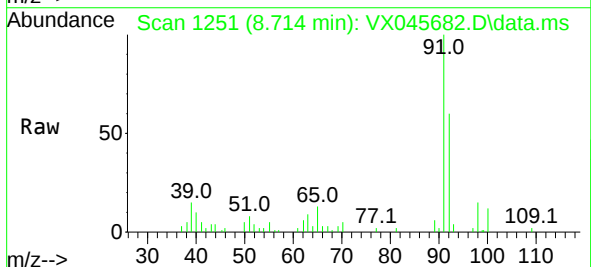
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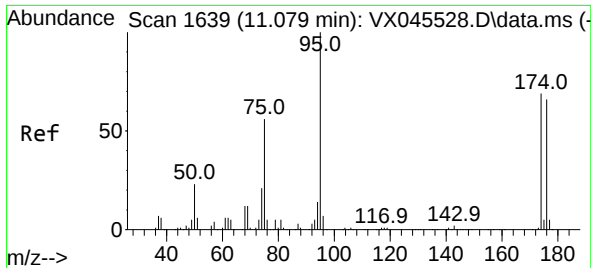
Tgt Ion: 98 Resp: 163312
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4



#52
Toluene
Concen: 2.441 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 92 Resp: 5603
Ion Ratio Lower Upper
92 100
91 166.4 138.7 208.1

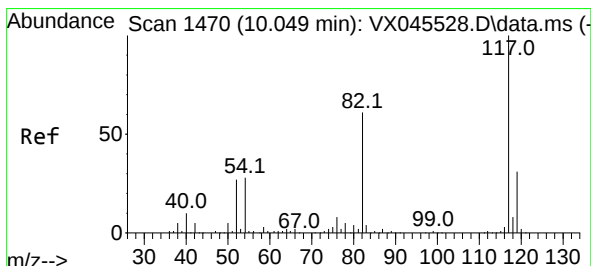
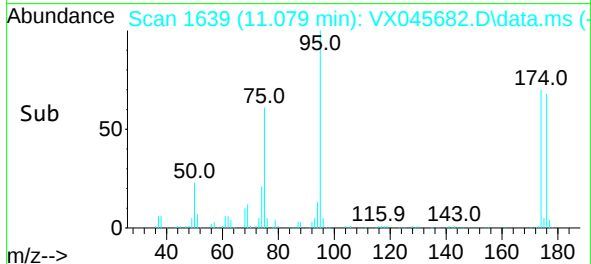
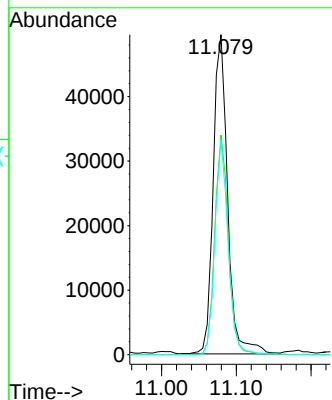
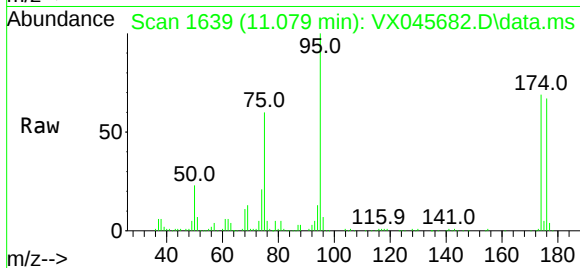




#62
4-Bromofluorobenzene
Concen: 56.883 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

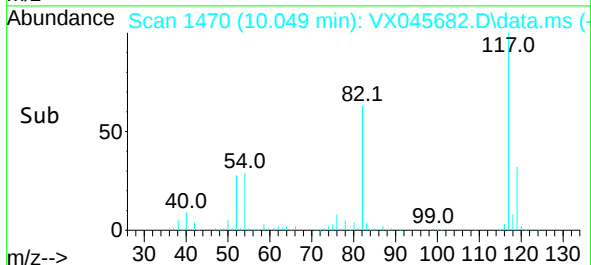
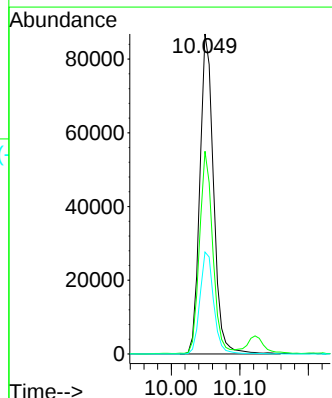
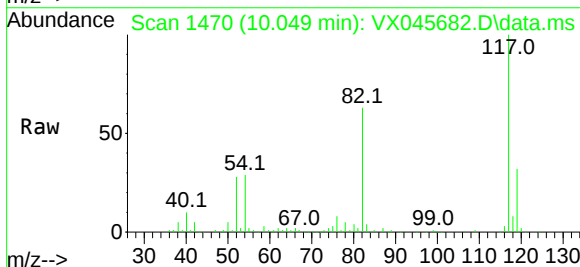
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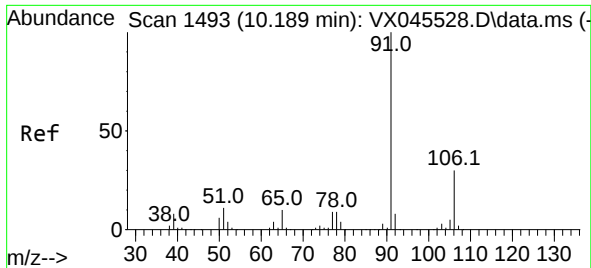
Tgt Ion: 95 Resp: 66536
Ion Ratio Lower Upper
95 100
174 64.7 0.0 135.8
176 62.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 117 Resp: 121124
Ion Ratio Lower Upper
117 100
82 63.1 49.2 73.8
119 31.9 25.1 37.7

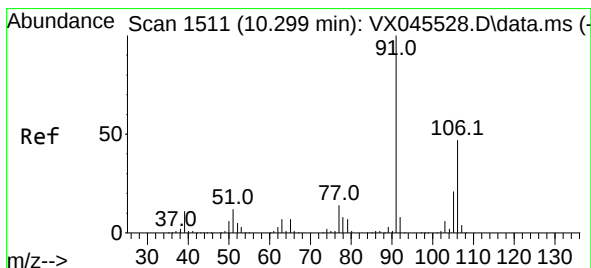
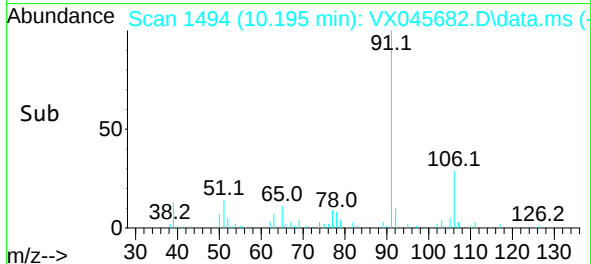
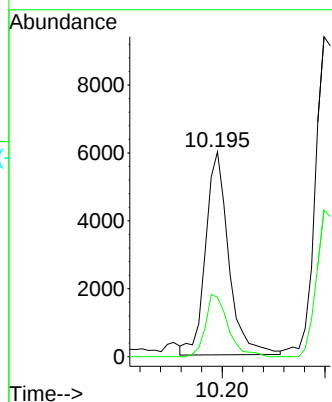
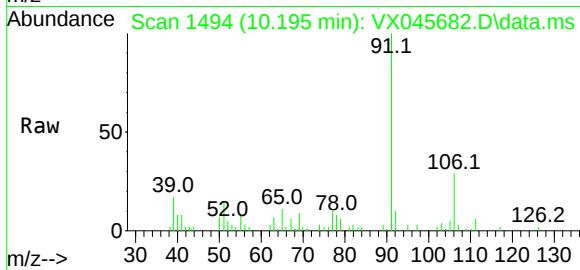




#67
Ethyl Benzene
Concen: 2.014 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

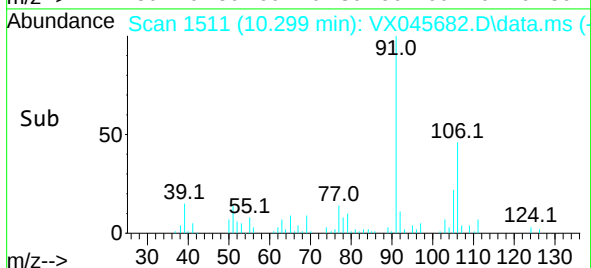
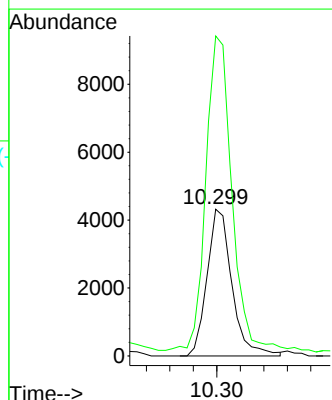
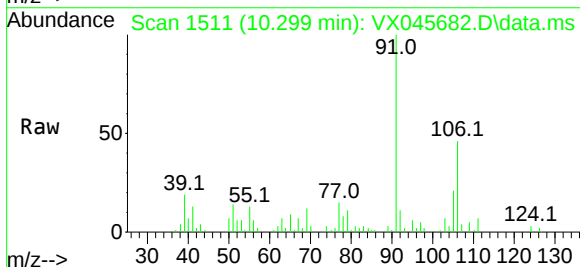
Instrument :
MSVOA_X
ClientSampleId :
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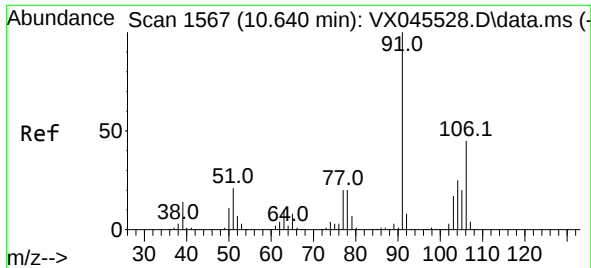
Tgt Ion: 91 Resp: 9335
Ion Ratio Lower Upper
91 100
106 29.9 23.7 35.5



#68
m/p-Xylenes
Concen: 3.778 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 106 Resp: 6369
Ion Ratio Lower Upper
106 100
91 230.5 172.6 258.8

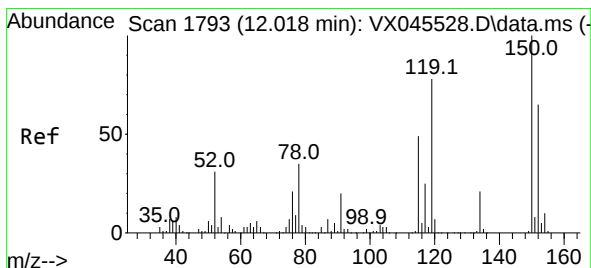
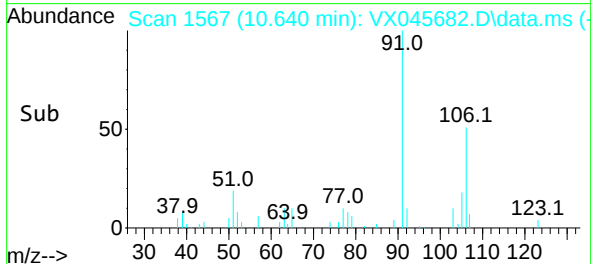
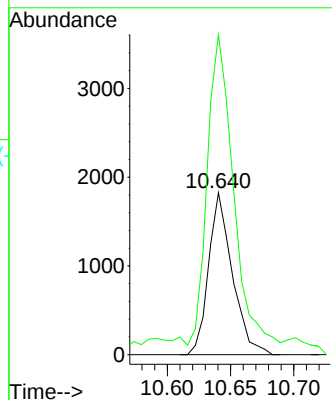
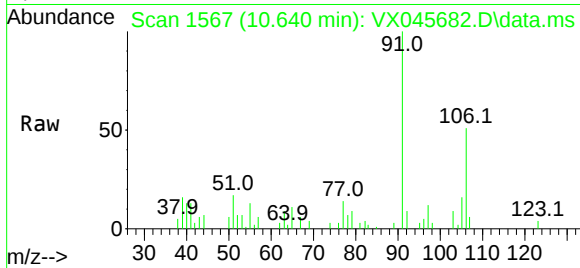




#69
o-Xylene
Concen: 1.435 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

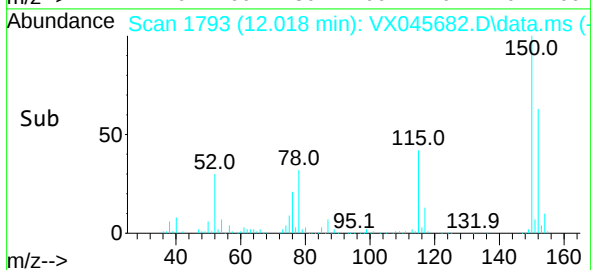
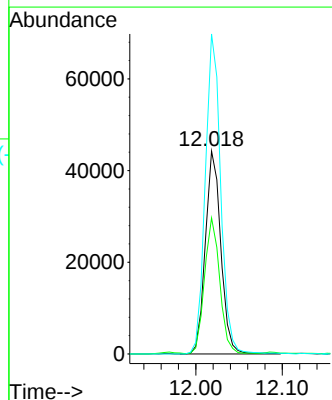
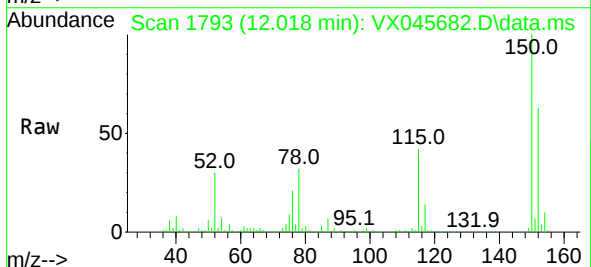
Instrument :
MSVOA_X
ClientSampleId :
MW5

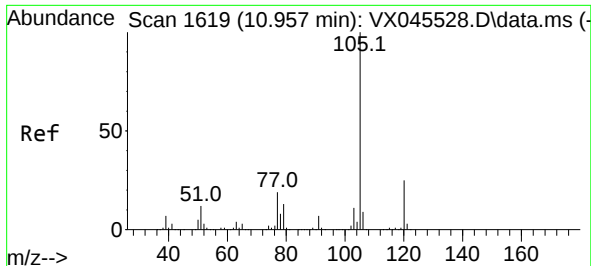
Tgt Ion:106 Resp: 2384
Ion Ratio Lower Upper
106 100
91 209.4 113.6 340.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:152 Resp: 55077
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 157.0 0.0 349.4

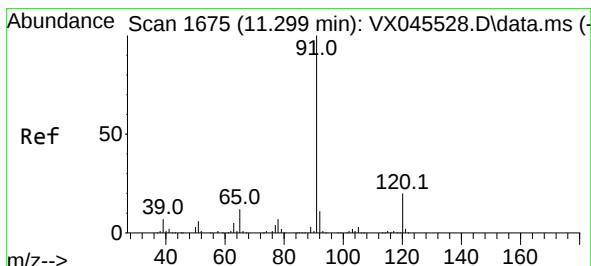
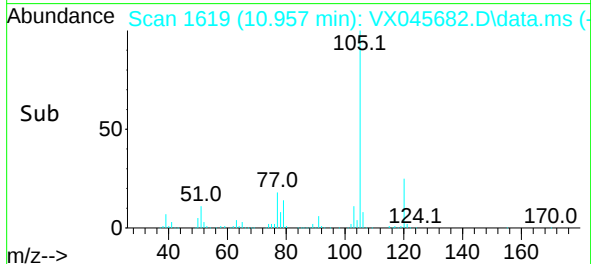
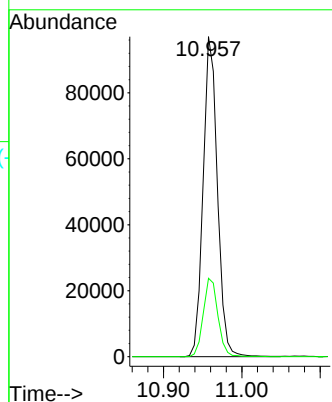
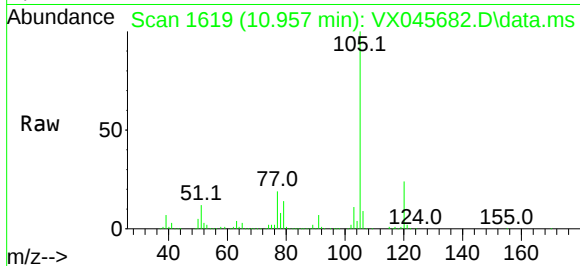




#73
Isopropylbenzene
Concen: 27.838 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

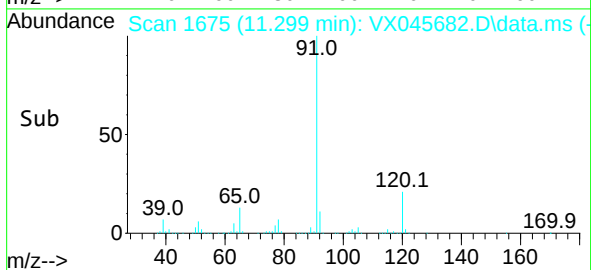
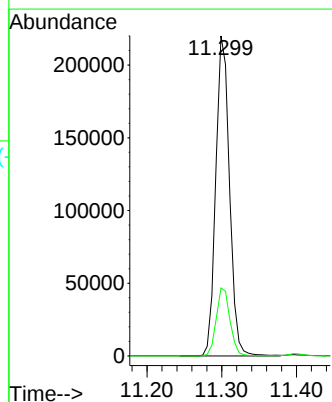
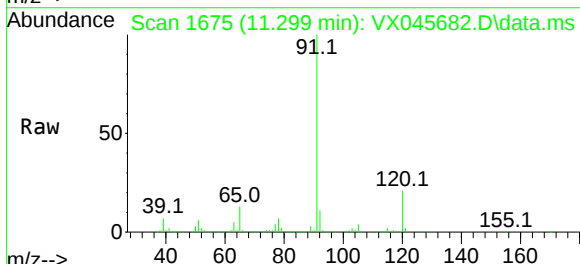
Instrument :
MSVOA_X
ClientSampleId :
MW5

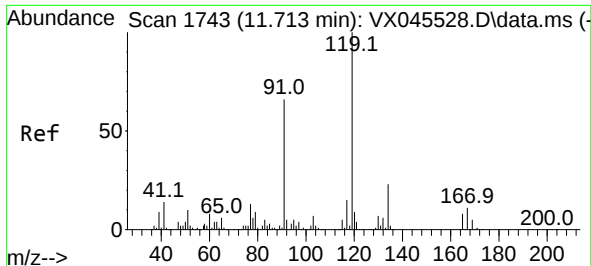
Tgt Ion:105 Resp: 122812
Ion Ratio Lower Upper
105 100
120 25.2 12.7 38.0



#78
n-propylbenzene
Concen: 55.226 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 91 Resp: 280633
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.3

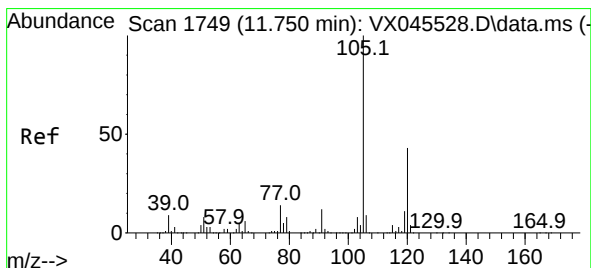
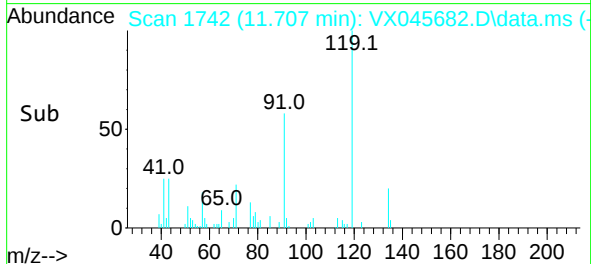
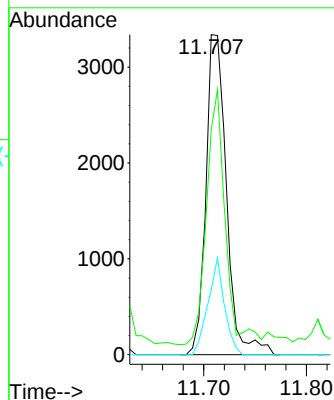
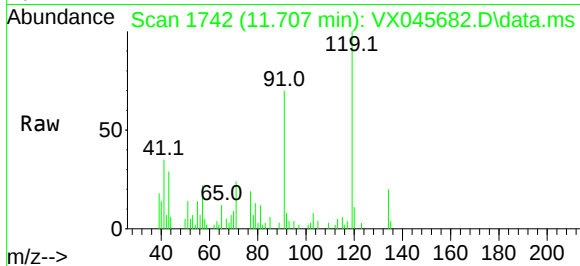




#83
 tert-Butylbenzene
 Concen: 1.285 ug/l
 RT: 11.707 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX045682.D
 Acq: 09 Apr 2025 17:39

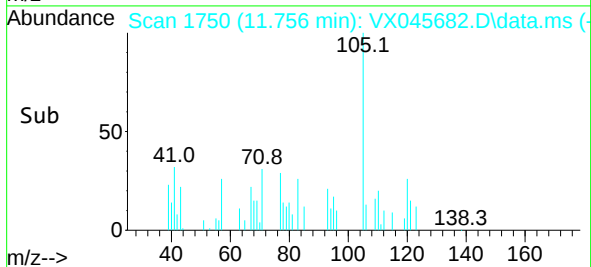
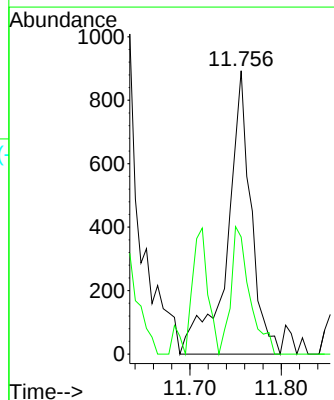
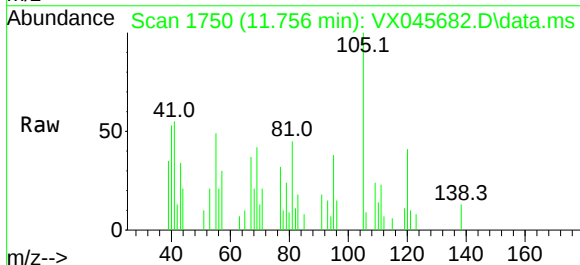
Instrument :
 MSVOA_X
 ClientSampleId :
 MW5

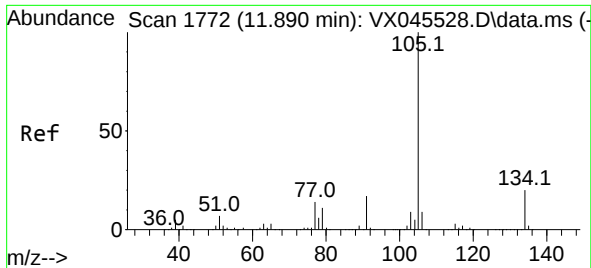
Tgt Ion:119	Resp:	4642
Ion	Ratio	Lower Upper
119	100	
91	69.3	32.4 97.2
134	24.3	11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 0.438 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX045682.D
 Acq: 09 Apr 2025 17:39

Tgt Ion:105	Resp:	1605
Ion	Ratio	Lower Upper
105	100	
120	35.8	21.4 64.3

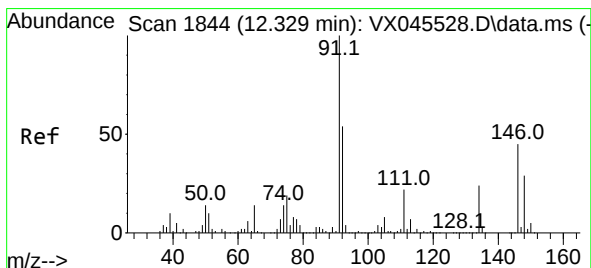
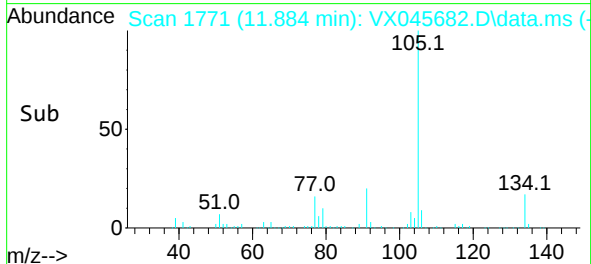
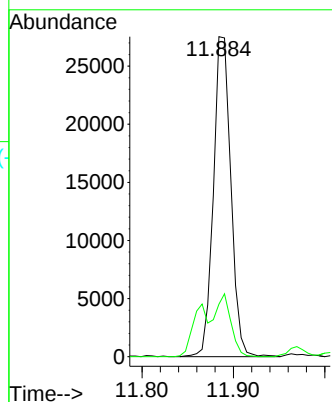
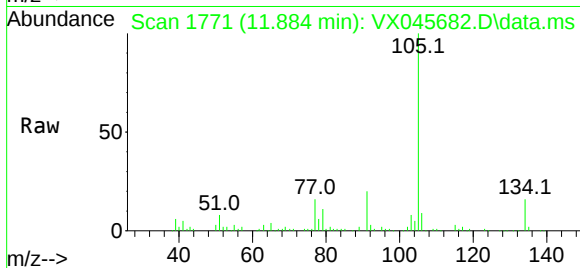




#85
sec-Butylbenzene
Concen: 8.233 ug/l
RT: 11.884 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion:105 Resp: 36522
Ion Ratio Lower Upper
105 100
134 18.3 9.6 28.6



#89
n-Butylbenzene
Concen: 12.845 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 91 Resp: 40738
Ion Ratio Lower Upper
91 100
92 46.2 26.9 80.6
134 42.9 11.9 35.7#

