

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045717.D
 Acq On : 11 Apr 2025 05:32
 Operator : JC/MD
 Sample : Q1762-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW4DL

Quant Time: Apr 11 06:07:15 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)

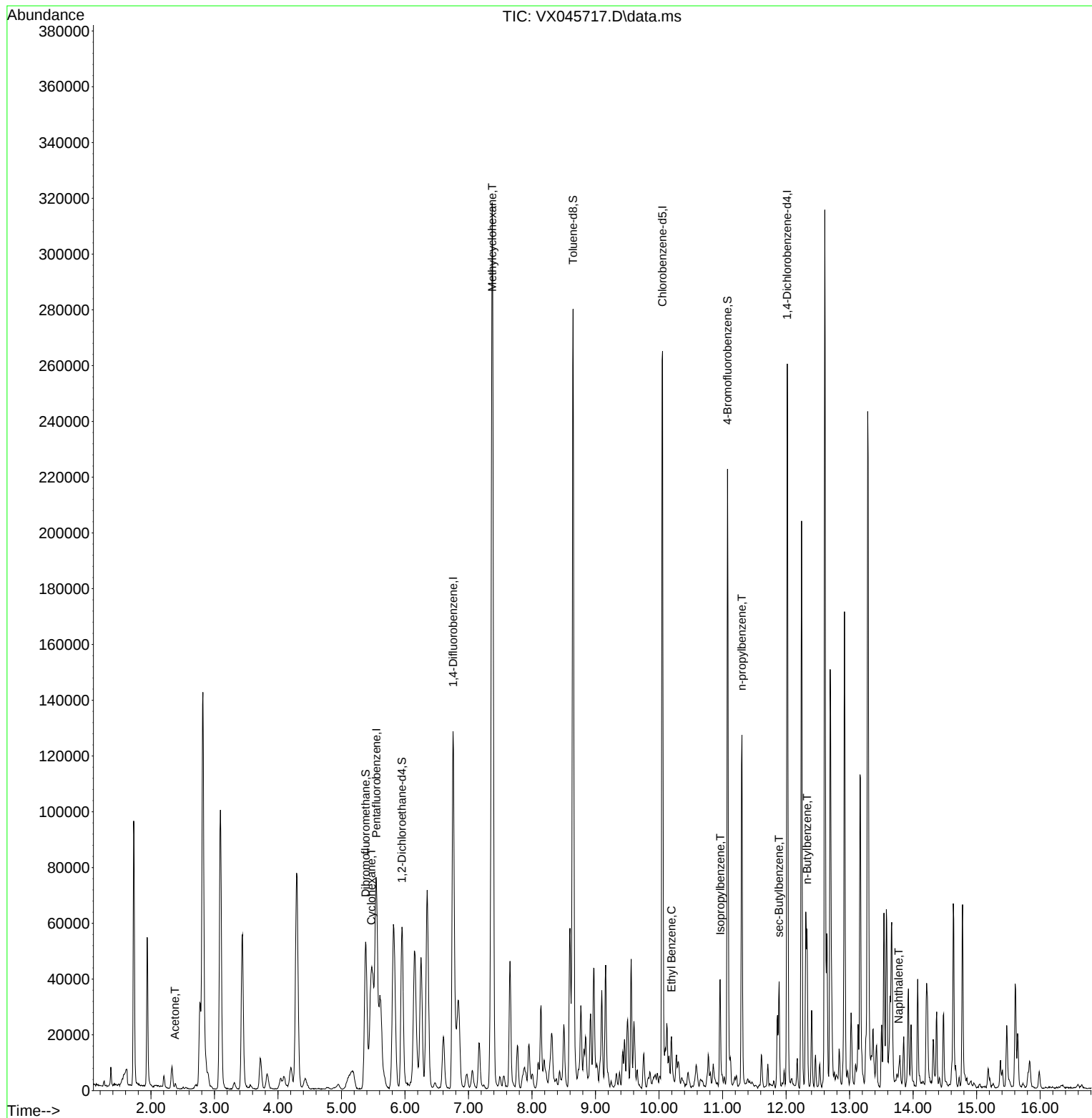
Internal Standards						
1) Pentafluorobenzene	5.550	168	63356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60270	52.019	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.040%		
35) Dibromofluoromethane	5.379	113	43609	50.112	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.220%		
50) Toluene-d8	8.647	98	152418	50.180	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.360%		
62) 4-Bromofluorobenzene	11.079	95	57788	52.231	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 104.460%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1803	3.790	ug/l	100
31) Cyclohexane	5.470	56	31071	21.861	ug/l #	86
39) Methylcyclohexane	7.373	83	130583	90.665	ug/l	96
67) Ethyl Benzene	10.195	91	10349	2.410	ug/l	100
73) Isopropylbenzene	10.963	105	18757	4.911	ug/l	99
78) n-propylbenzene	11.305	91	78977	17.953	ug/l	99
85) sec-Butylbenzene	11.890	105	18063	4.703	ug/l	96
89) n-Butylbenzene	12.329	91	26495	9.650	ug/l #	80
95) Naphthalene	13.774	128	4406	1.332	ug/l #	89

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

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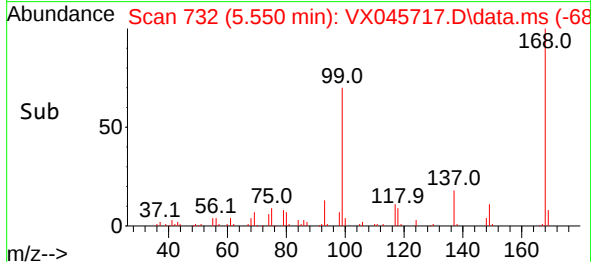
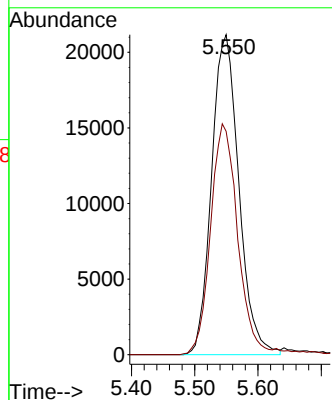
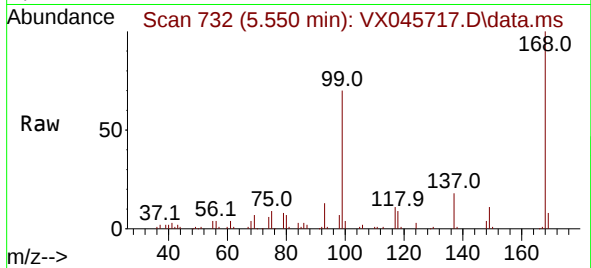




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

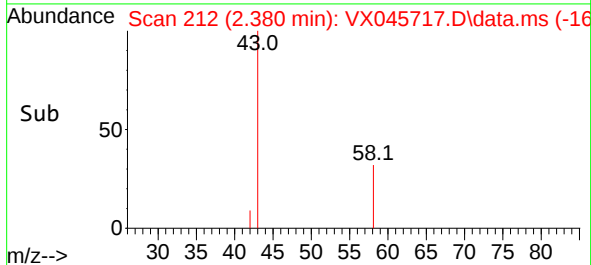
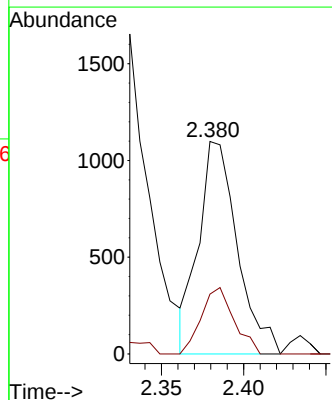
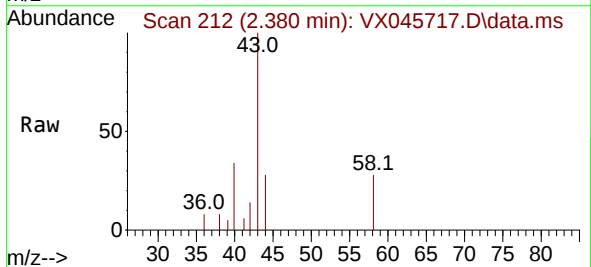
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

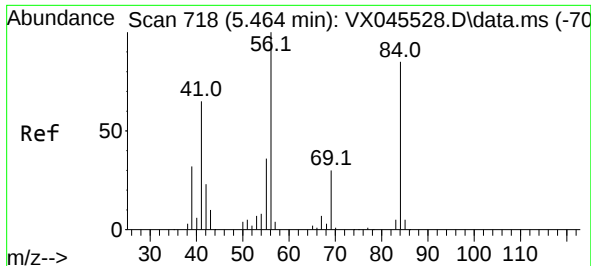
Tgt Ion:168 Resp: 63356
Ion Ratio Lower Upper
168 100
99 69.8 52.3 78.5



#16
Acetone
Concen: 3.790 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 28.1 22.3 33.5

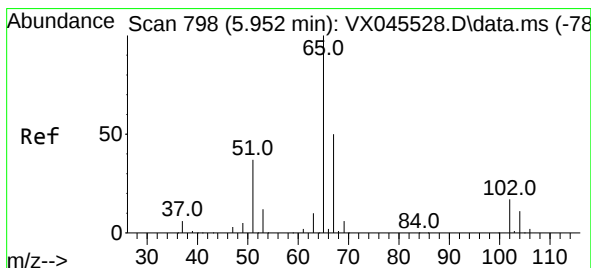
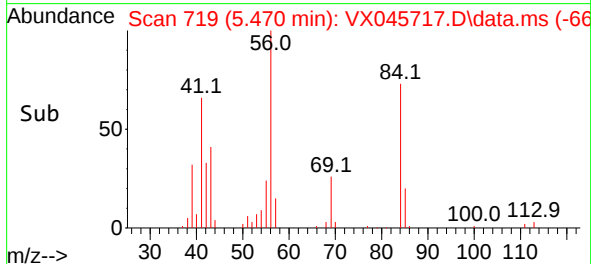
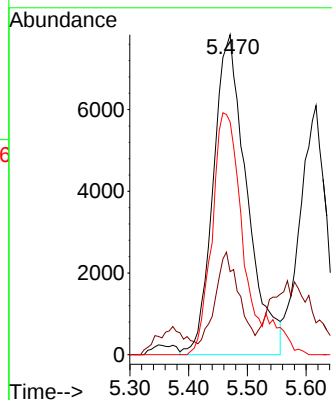
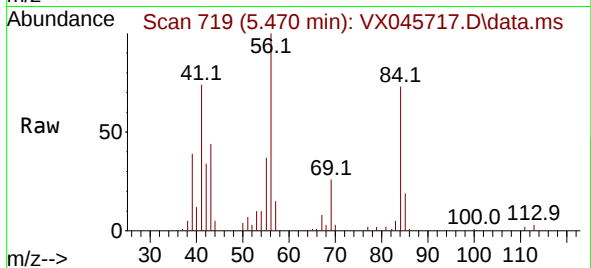




#31
Cyclohexane
Concen: 21.861 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

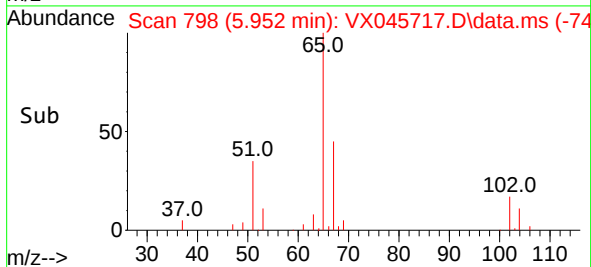
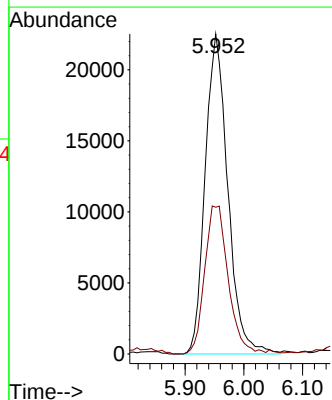
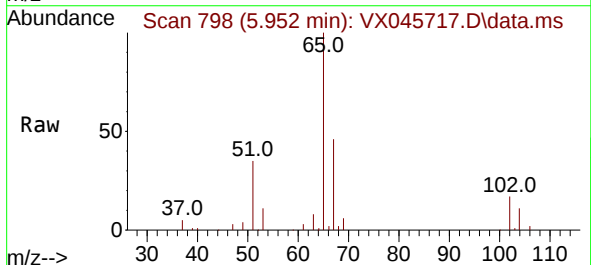
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

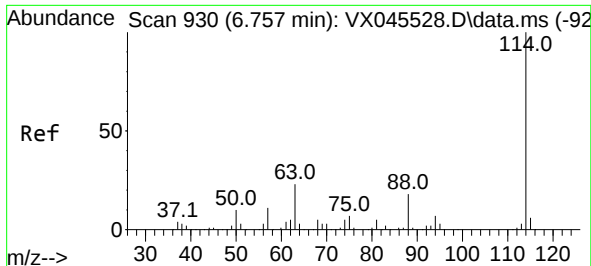
Tgt Ion: 56 Resp: 31071
Ion Ratio Lower Upper
56 100
69 19.3 23.6 35.4#
84 73.4 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 52.019 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 65 Resp: 60270
Ion Ratio Lower Upper
65 100
67 48.2 0.0 99.0

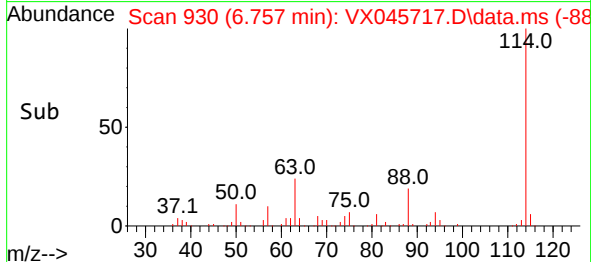
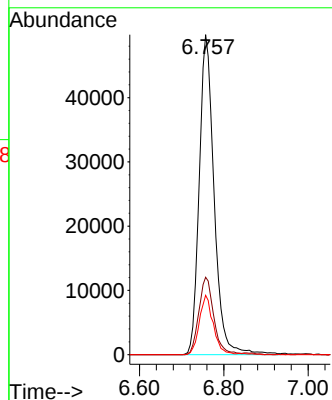
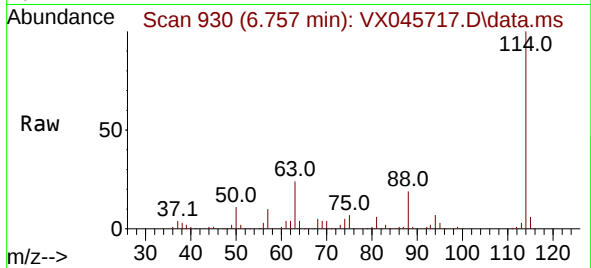




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

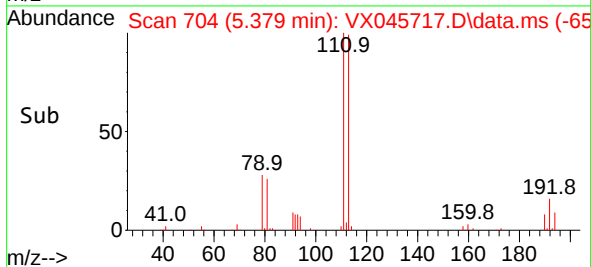
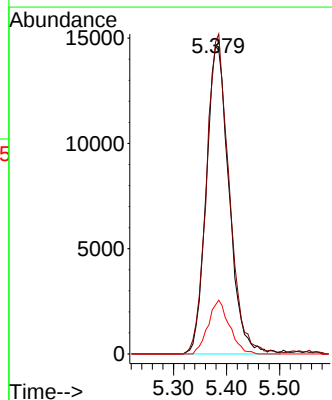
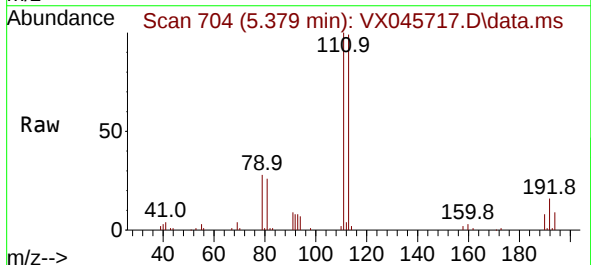
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

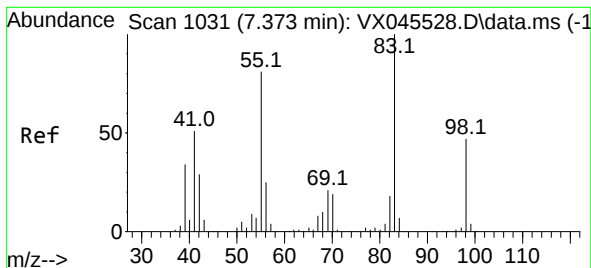
Tgt Ion:114 Resp: 122653
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.8
88 18.5 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.112 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:113 Resp: 43609
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 16.2 13.8 20.6





#39

Methylcyclohexane

Concen: 90.665 ug/l

RT: 7.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

Instrument :

MSVOA_X

ClientSampleId :

MW4DL

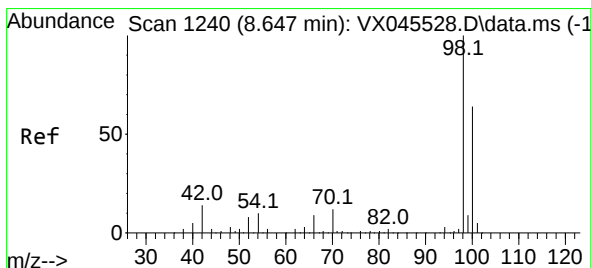
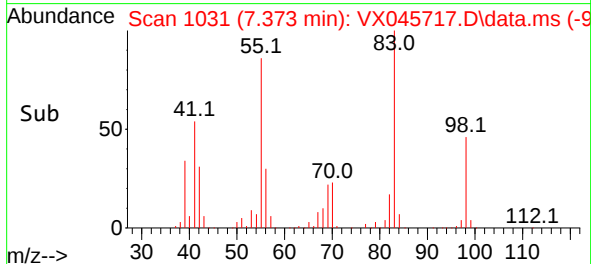
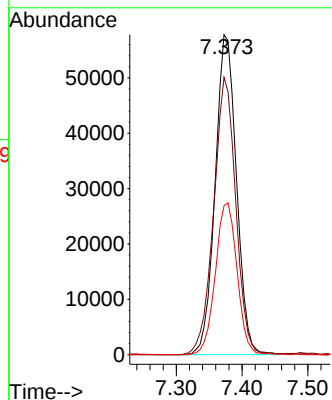
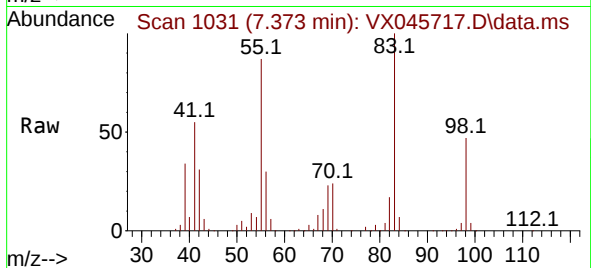
Tgt Ion: 83 Resp: 130583

Ion Ratio Lower Upper

83 100

55 86.7 64.9 97.3

98 46.5 37.4 56.0



#50

Toluene-d8

Concen: 50.180 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045717.D

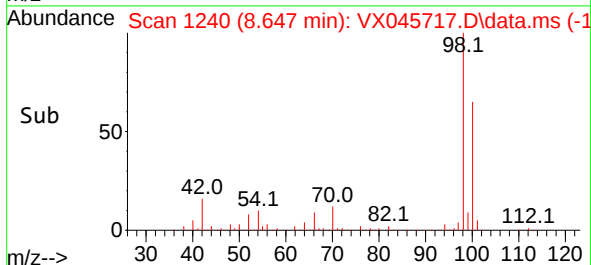
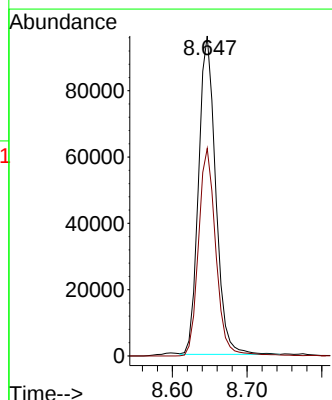
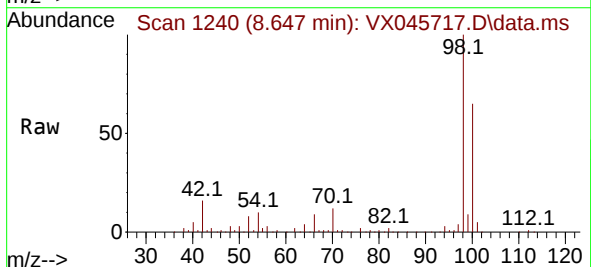
Acq: 11 Apr 2025 05:32

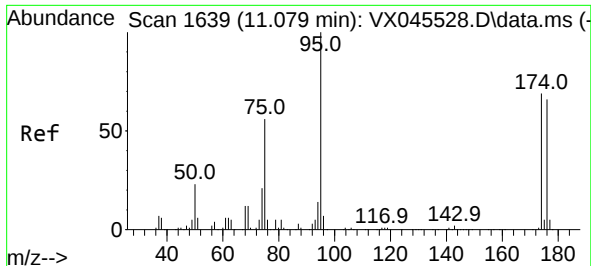
Tgt Ion: 98 Resp: 152418

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 52.231 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

Instrument :

MSVOA_X

ClientSampleId :

MW4DL

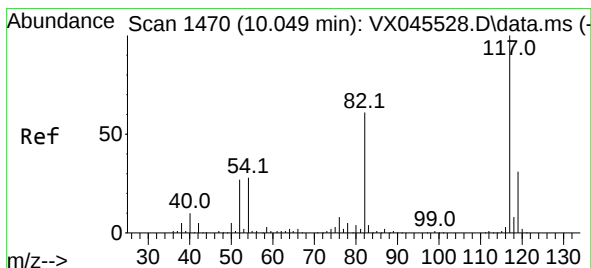
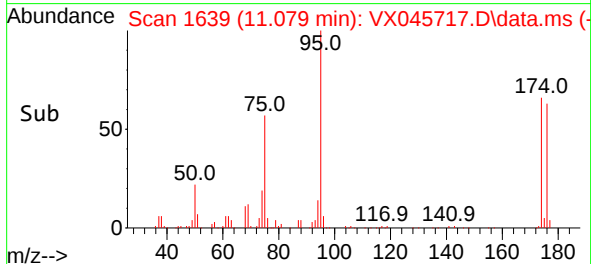
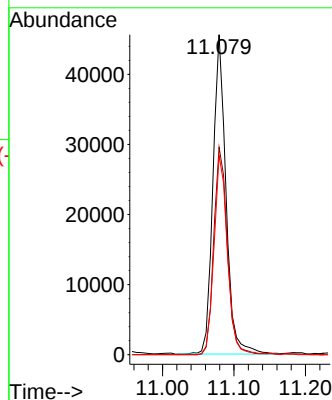
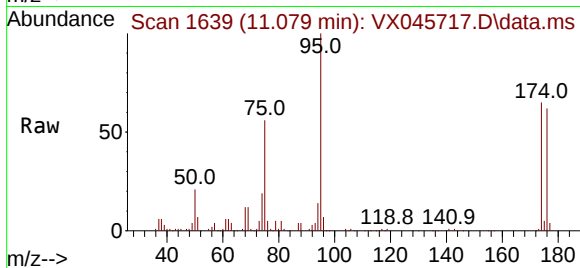
Tgt Ion: 95 Resp: 57788

Ion Ratio Lower Upper

95 100

174 67.4 0.0 135.8

176 64.0 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

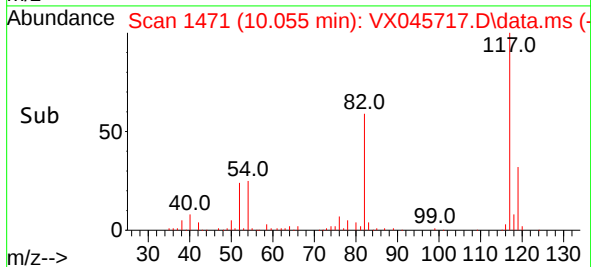
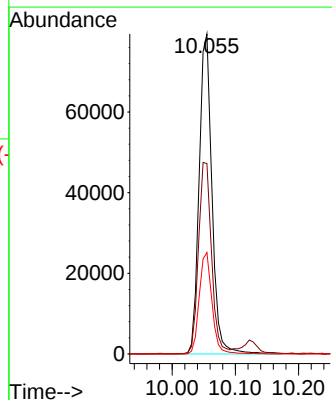
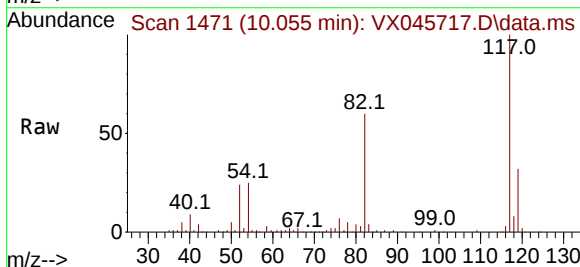
Tgt Ion: 117 Resp: 112188

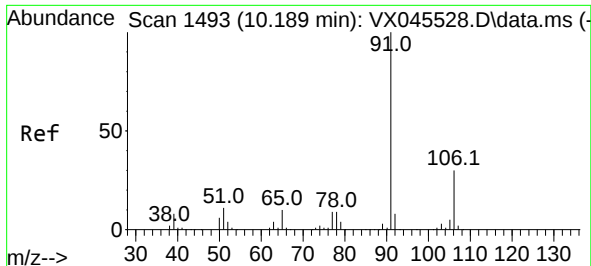
Ion Ratio Lower Upper

117 100

82 59.4 49.2 73.8

119 31.7 25.1 37.7

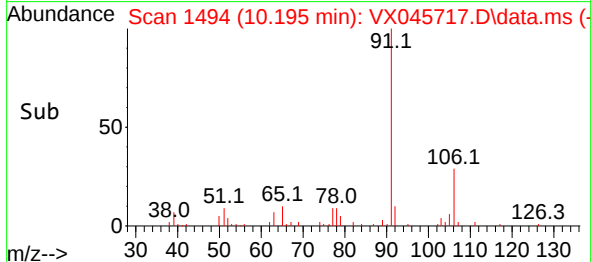
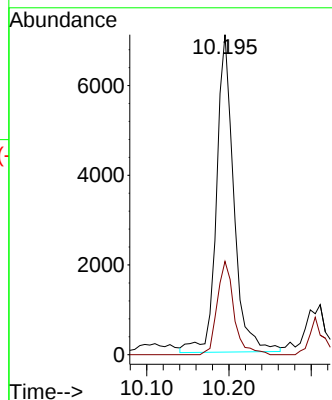
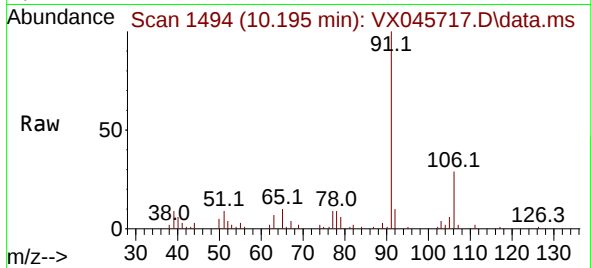




#67
Ethyl Benzene
Concen: 2.410 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

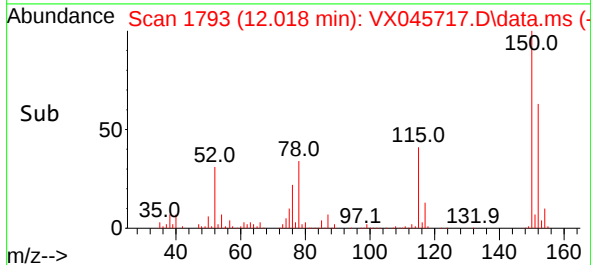
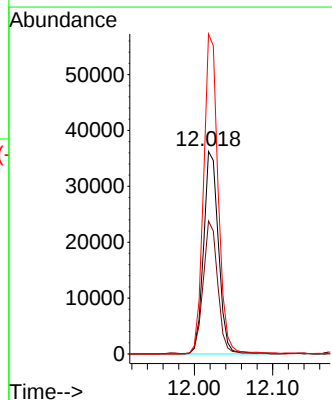
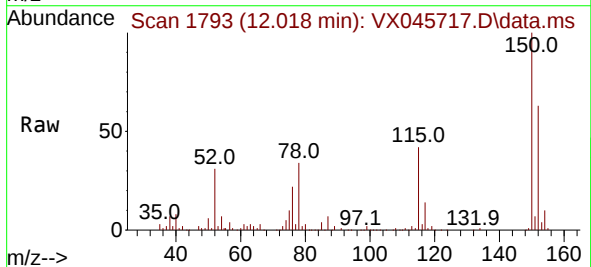
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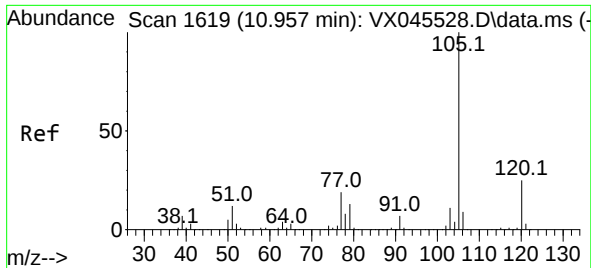
Tgt Ion: 91 Resp: 10349
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:152 Resp: 47681
Ion Ratio Lower Upper
152 100
115 64.8 46.9 140.7
150 155.1 0.0 349.4

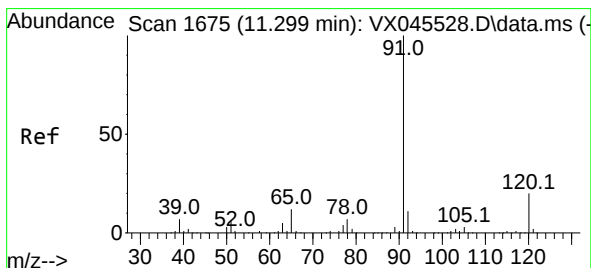
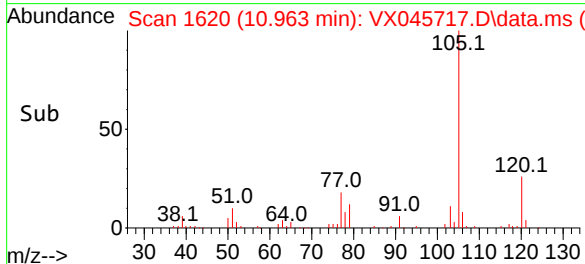
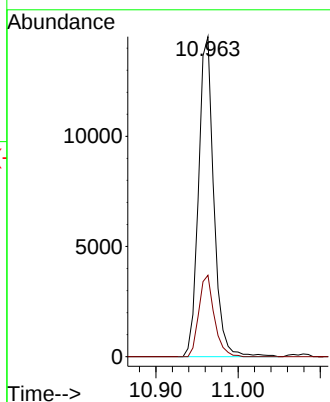
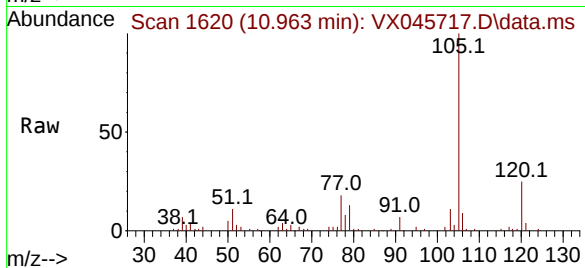




#73
Isopropylbenzene
Concen: 4.911 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

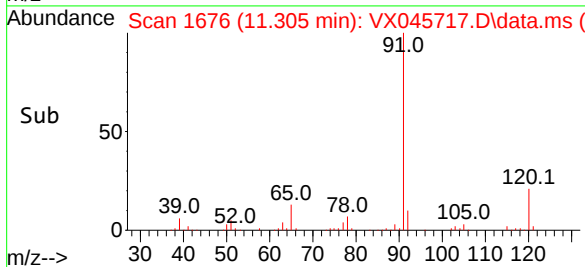
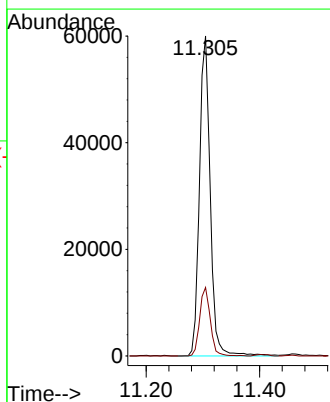
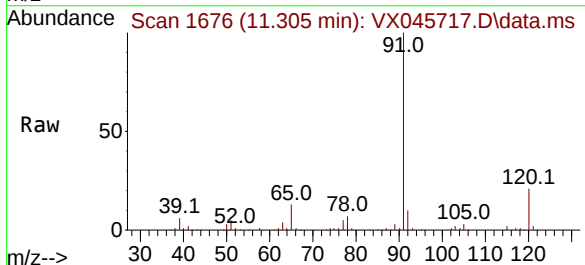
Instrument :
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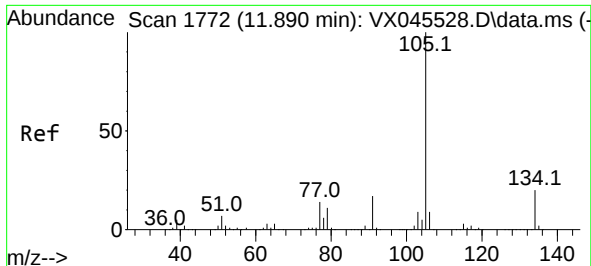
Tgt Ion:105 Resp: 18757
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.0



#78
n-propylbenzene
Concen: 17.953 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 91 Resp: 78977
Ion Ratio Lower Upper
91 100
120 21.0 10.8 32.3

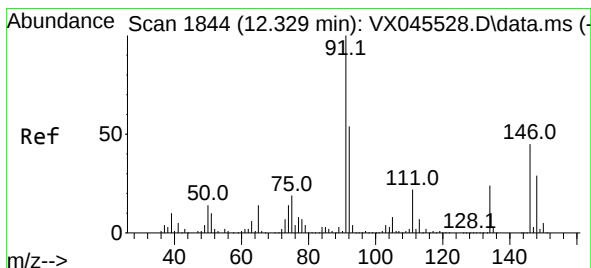
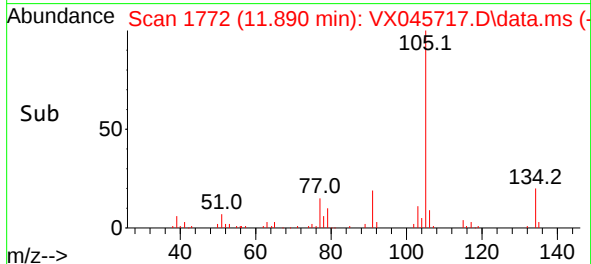
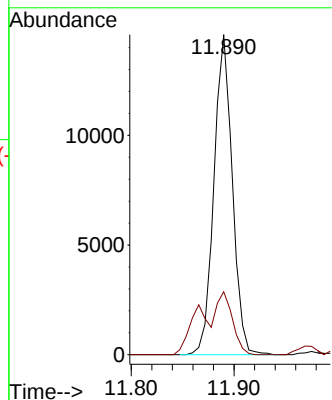
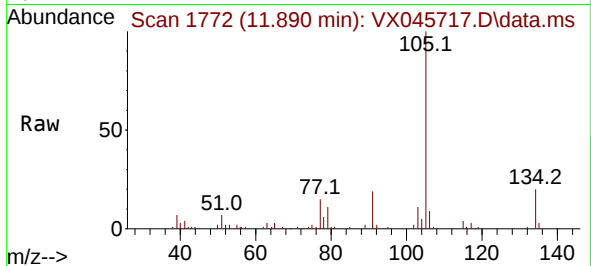




#85
 sec-Butylbenzene
 Concen: 4.703 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045717.D
 Acq: 11 Apr 2025 05:32

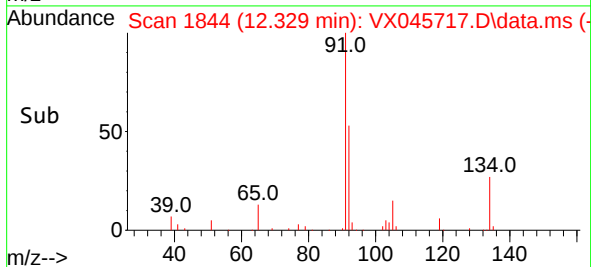
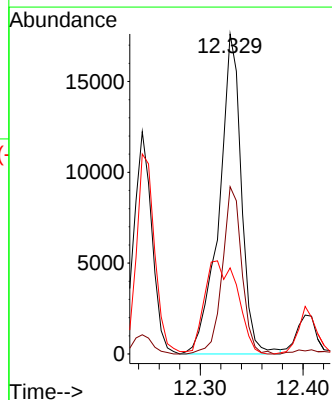
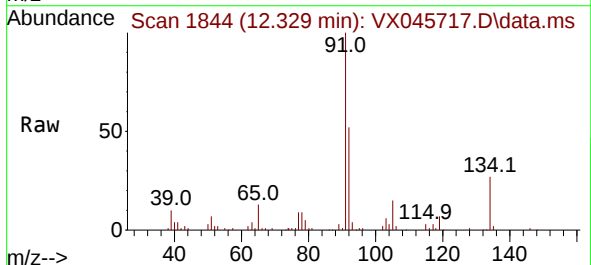
Instrument :
 MSVOA_X
 ClientSampleId :
 MW4DL

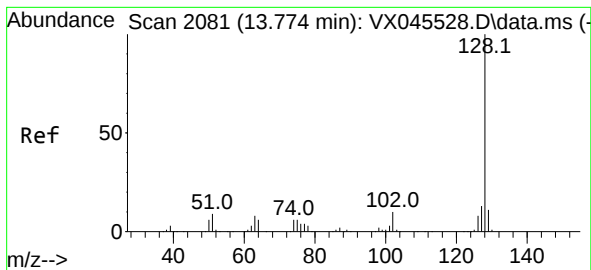
Tgt Ion:105 Resp: 18063
 Ion Ratio Lower Upper
 105 100
 134 17.3 9.6 28.6



#89
 n-Butylbenzene
 Concen: 9.650 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VX045717.D
 Acq: 11 Apr 2025 05:32

Tgt Ion: 91 Resp: 26495
 Ion Ratio Lower Upper
 91 100
 92 45.5 26.9 80.6
 134 43.5 11.9 35.7#





#95

Naphthalene

Concen: 1.332 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045717.D

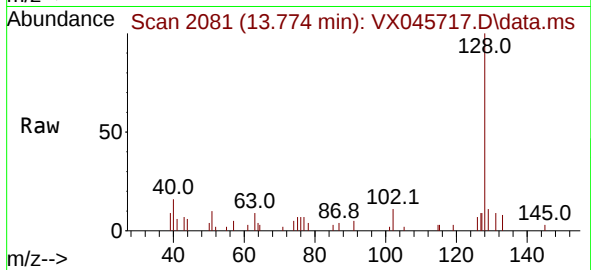
Acq: 11 Apr 2025 05:32

Instrument :

MSVOA_X

ClientSampleId :

MW4DL



Tgt Ion:	128	Resp:	4406
Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.3	15.5#
129	16.8	8.6	12.8#

