

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045642.D
 Acq On : 08 Apr 2025 11:18
 Operator : JC/MD
 Sample : Q1702-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 60442

Quant Time: Apr 09 01:35:03 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)

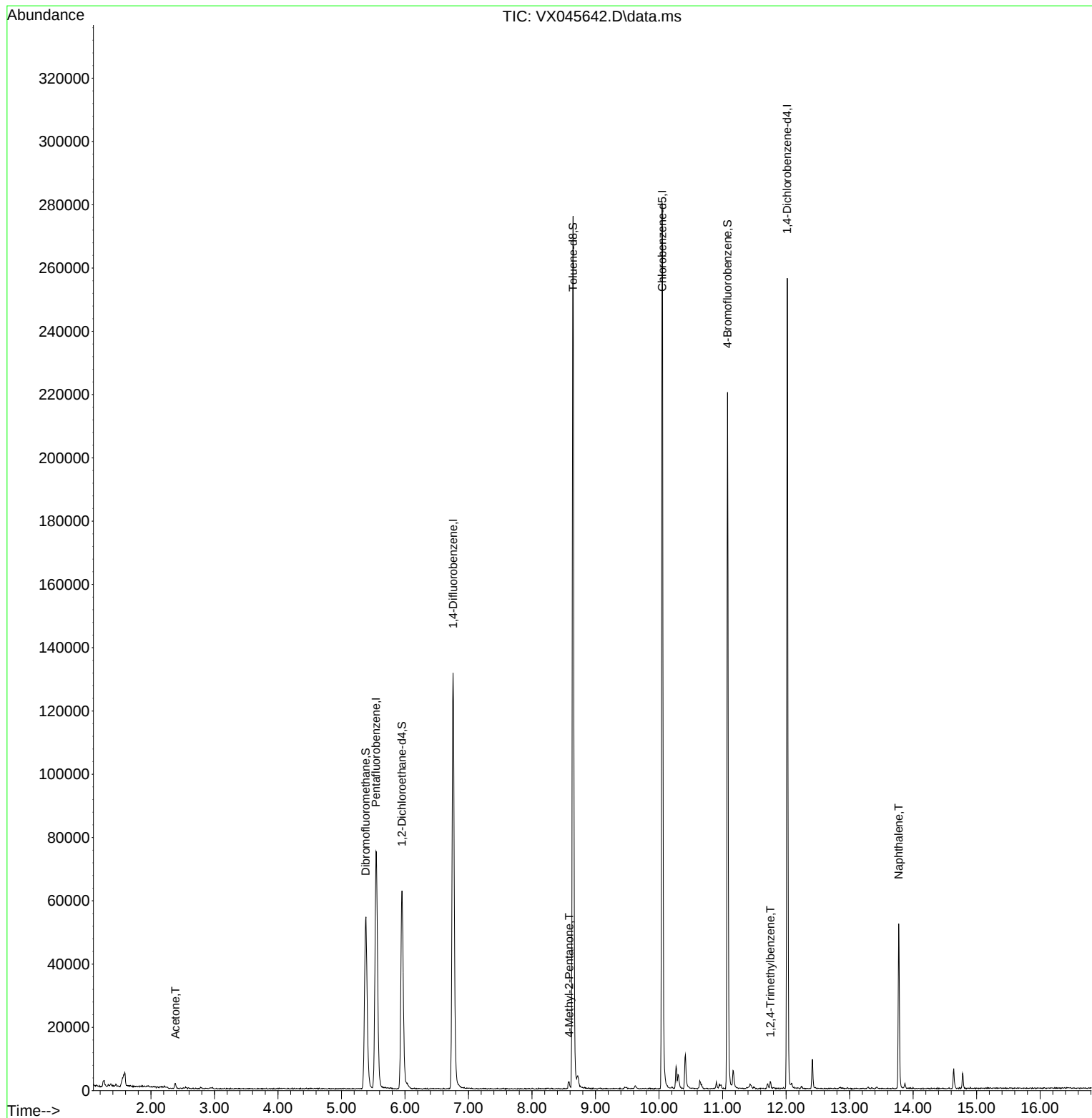
Internal Standards						
1) Pentafluorobenzene	5.544	168	62752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64071	55.832	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.660%
35) Dibromofluoromethane	5.379	113	46302	52.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.120%
50) Toluene-d8	8.647	98	156553	50.910	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.820%
62) 4-Bromofluorobenzene	11.079	95	57030	50.915	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.820%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1755	3.724	ug/l	92
51) 4-Methyl-2-Pentanone	8.586	43	1621	1.076	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	1355	0.442	ug/l	89
95) Naphthalene	13.774	128	32638	10.206	ug/l	99

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

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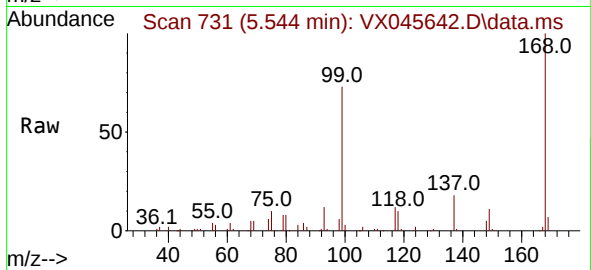
Quant Time: Apr 09 01:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
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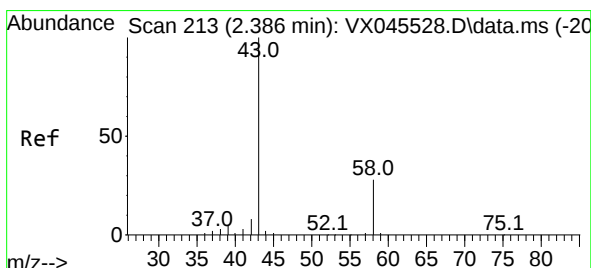
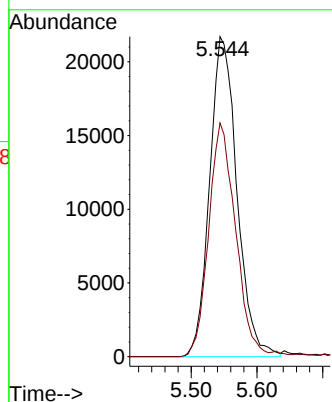
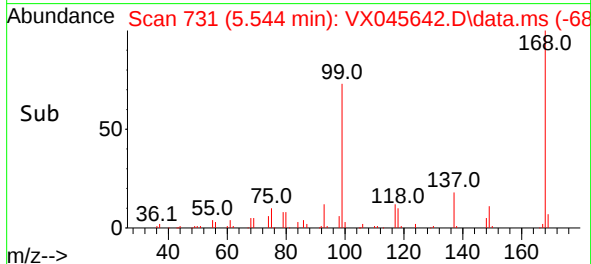


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045642.D
Acq: 08 Apr 2025 11:18

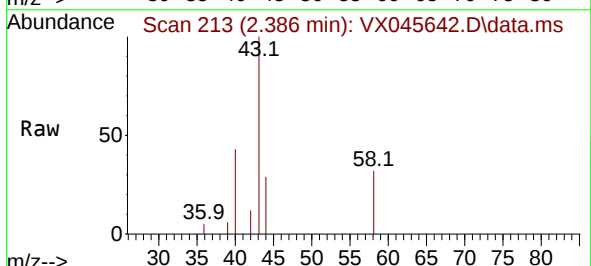
Instrument :
MSVOA_X
ClientSampleId :
60442



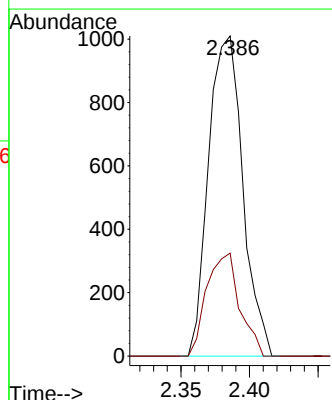
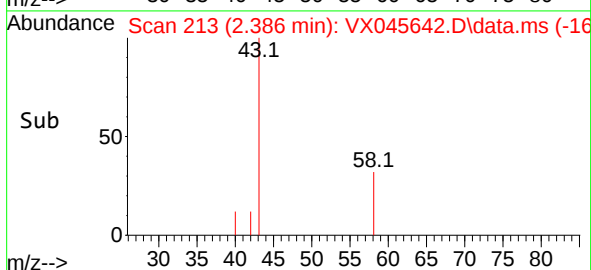
Tgt Ion:168 Resp: 62752
Ion Ratio Lower Upper
168 100
99 73.1 52.3 78.5

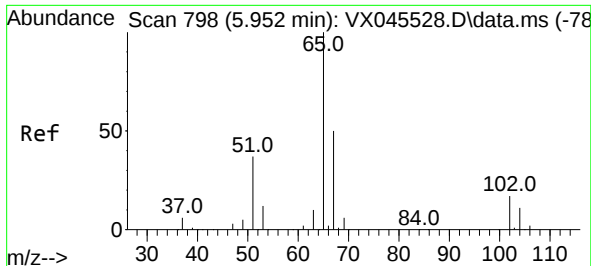


#16
Acetone
Concen: 3.724 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045642.D
Acq: 08 Apr 2025 11:18



Tgt Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
58 32.2 22.3 33.5





#33

1,2-Dichloroethane-d4

Concen: 55.832 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045642.D

Acq: 08 Apr 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

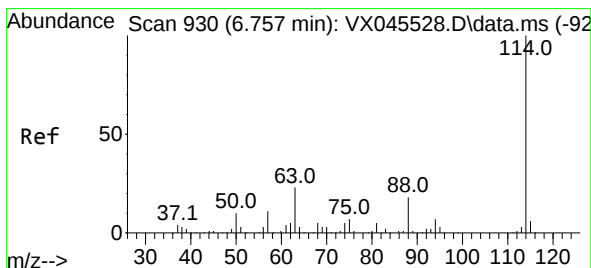
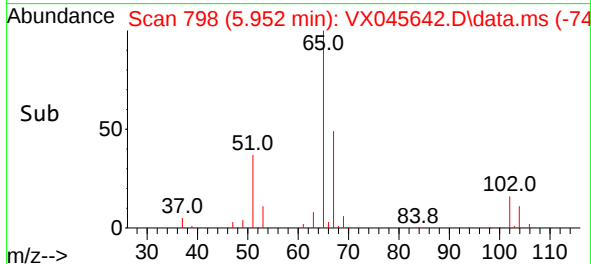
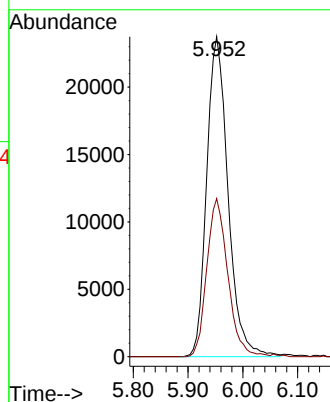
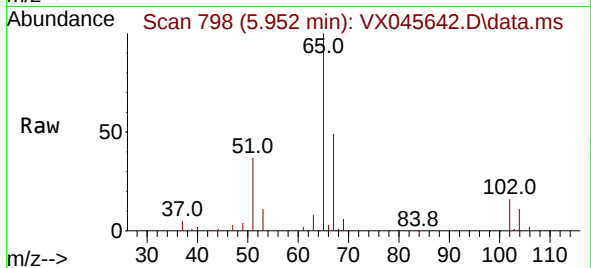
60442

Tgt Ion: 65 Resp: 64071

Ion Ratio Lower Upper

65 100

67 48.6 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: VX045642.D

Acq: 08 Apr 2025 11:18

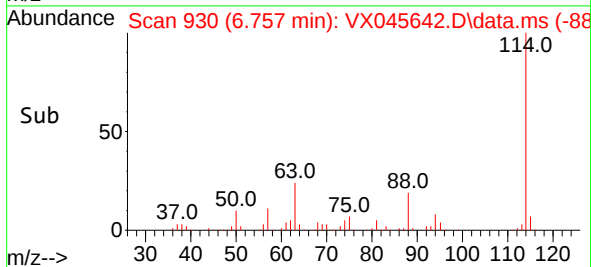
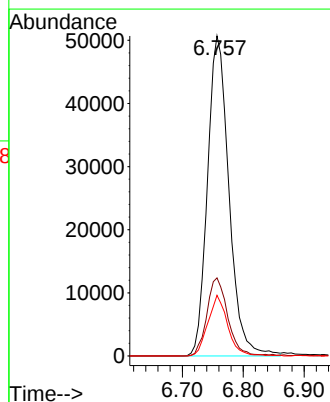
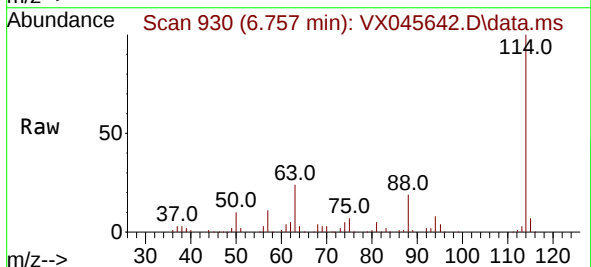
Tgt Ion: 114 Resp: 124174

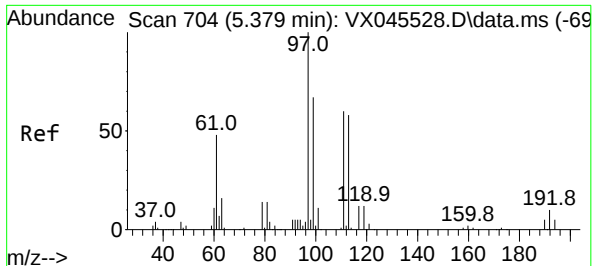
Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

88 18.9 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.555 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045642.D

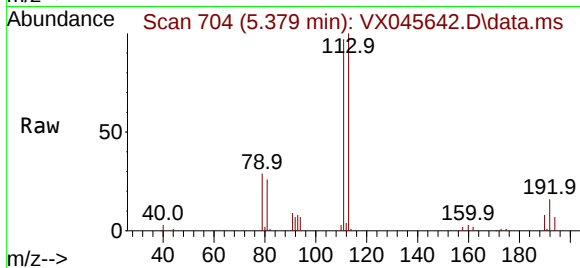
Acq: 08 Apr 2025 11:18

Instrument :

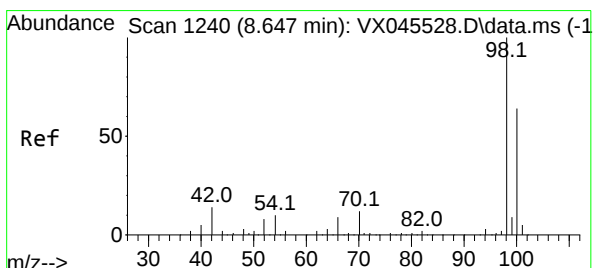
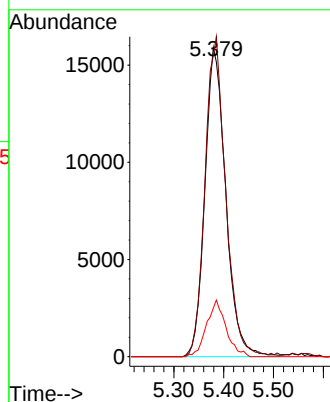
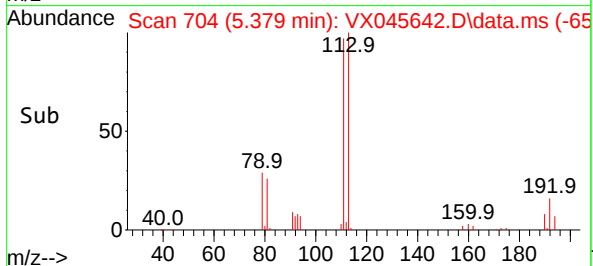
MSVOA_X

ClientSampleId :

60442



Tgt Ion:	113	Resp:	46302
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	17.1	13.8	20.6



#50

Toluene-d8

Concen: 50.910 ug/l

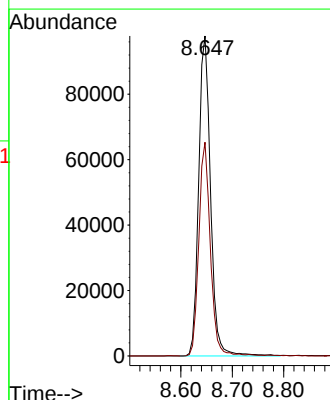
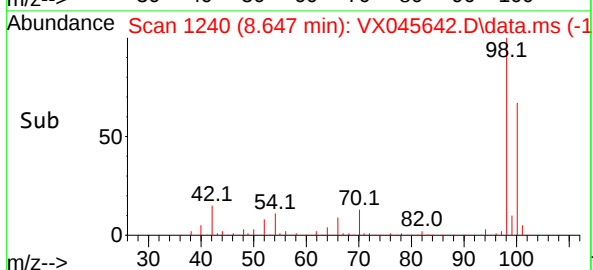
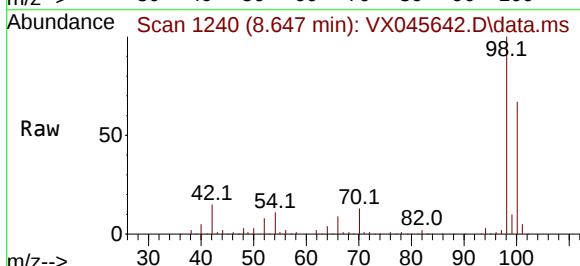
RT: 8.647 min Scan# 1240

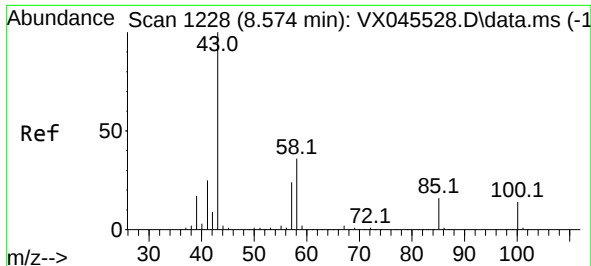
Delta R.T. 0.000 min

Lab File: VX045642.D

Acq: 08 Apr 2025 11:18

Tgt Ion:	98	Resp:	156553
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

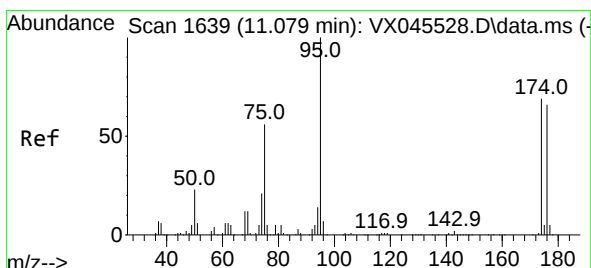
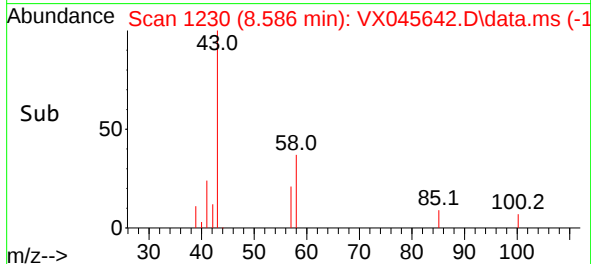
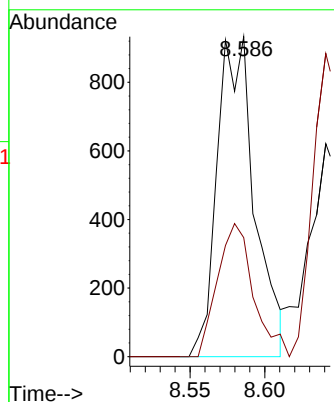
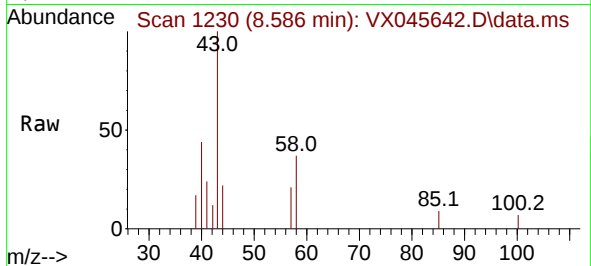




#51
4-Methyl-2-Pentanone
Concen: 1.076 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045642.D
Acq: 08 Apr 2025 11:18

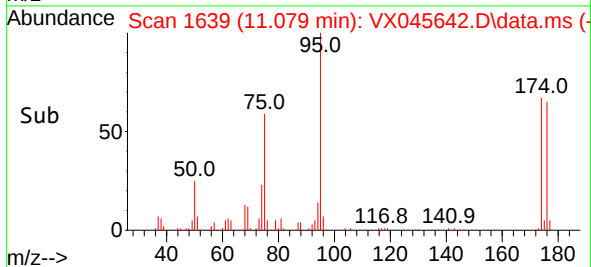
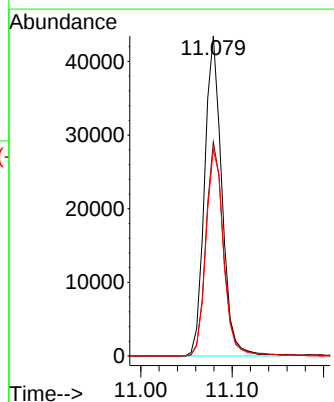
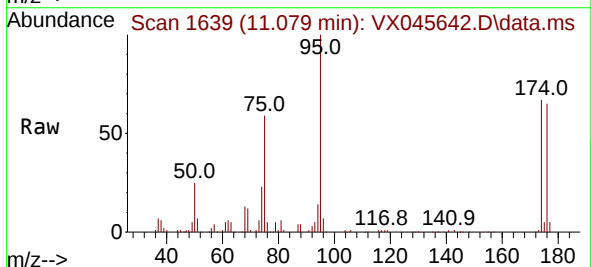
Instrument :
MSVOA_X
ClientSampleId :
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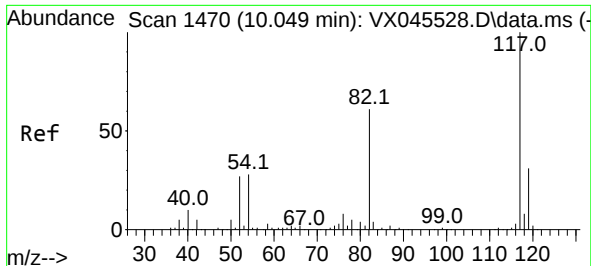
Tgt Ion: 43 Resp: 1621
Ion Ratio Lower Upper
43 100
58 40.0 28.5 42.7



#62
4-Bromofluorobenzene
Concen: 50.915 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045642.D
Acq: 08 Apr 2025 11:18

Tgt Ion: 95 Resp: 57030
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 66.1 0.0 131.4

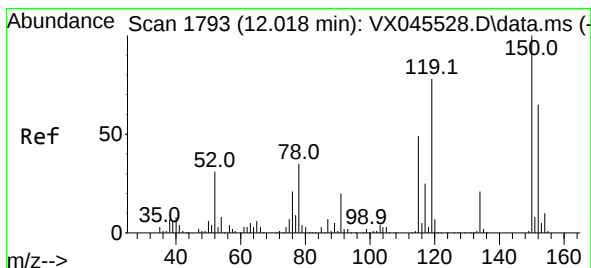
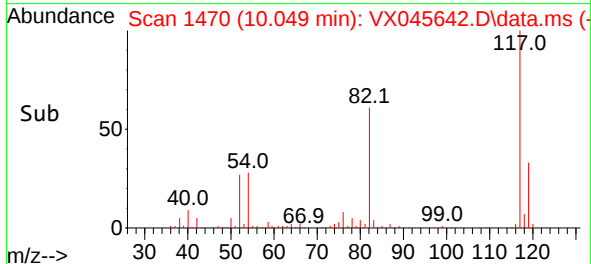
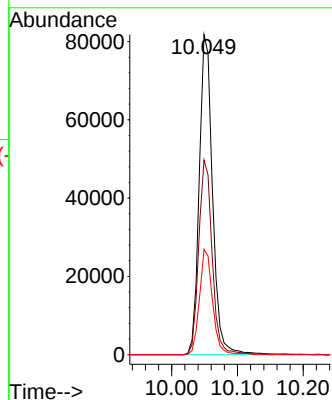
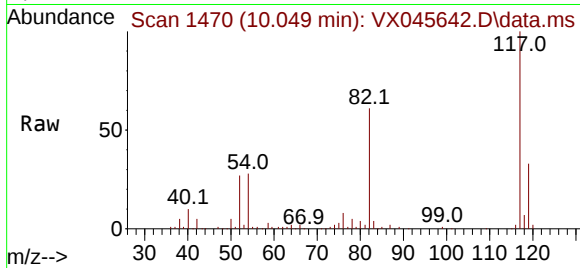




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045642.D
Acq: 08 Apr 2025 11:18

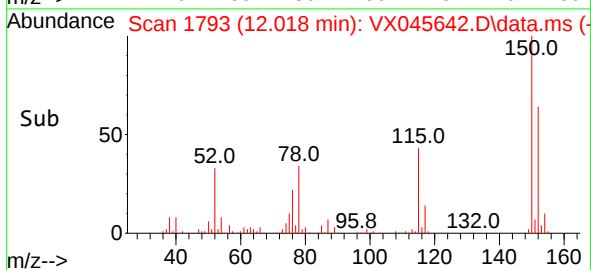
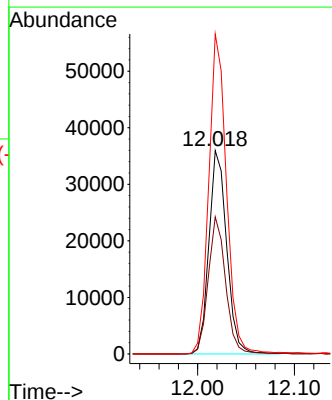
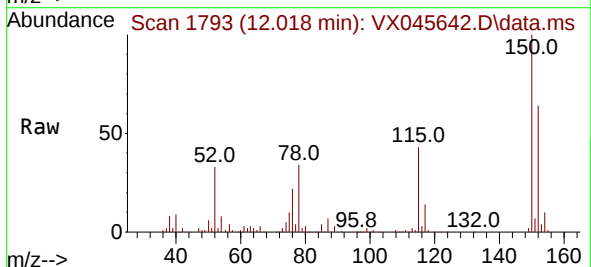
Instrument :
MSVOA_X
ClientSampleId :
60442

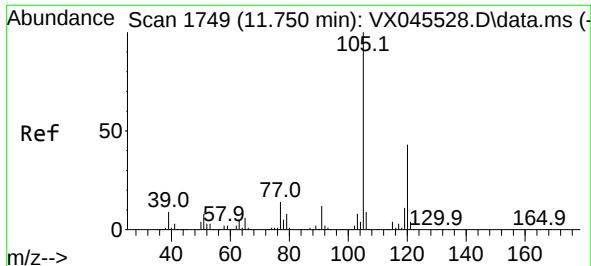
Tgt Ion:117 Resp: 115307
Ion Ratio Lower Upper
117 100
82 60.8 49.2 73.8
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045642.D
Acq: 08 Apr 2025 11:18

Tgt Ion:152 Resp: 46091
Ion Ratio Lower Upper
152 100
115 65.9 46.9 140.7
150 157.1 0.0 349.4

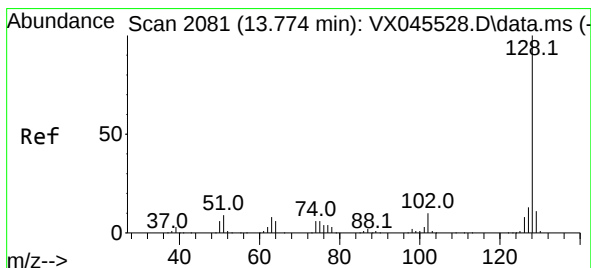
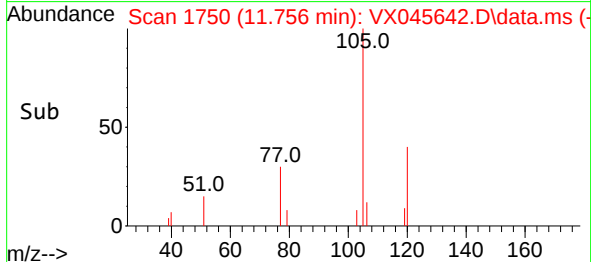
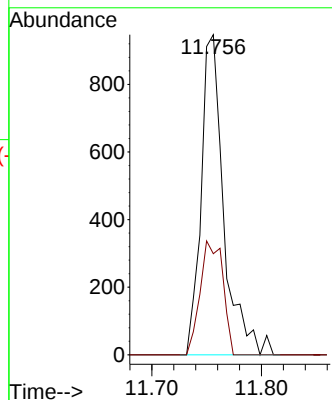
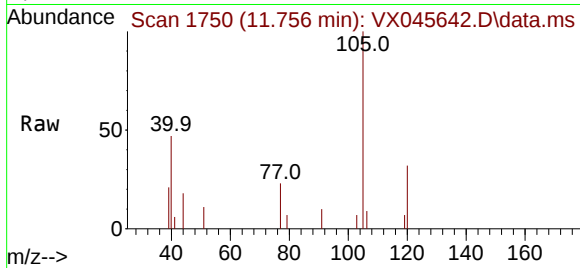




#84
 1,2,4-Trimethylbenzene
 Concen: 0.442 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045642.D
 Acq: 08 Apr 2025 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 60442

Tgt Ion:105 Resp: 1355
 Ion Ratio Lower Upper
 105 100
 120 35.6 21.4 64.3



#95
 Naphthalene
 Concen: 10.206 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VX045642.D
 Acq: 08 Apr 2025 11:18

Tgt Ion:128 Resp: 32638
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.3 15.5
 129 9.9 8.6 12.8

