

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043592.D
 Acq On : 29 Oct 2024 13:19
 Operator : JC/MD
 Sample : P4548-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP BLANK

Quant Time: Oct 30 01:30:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

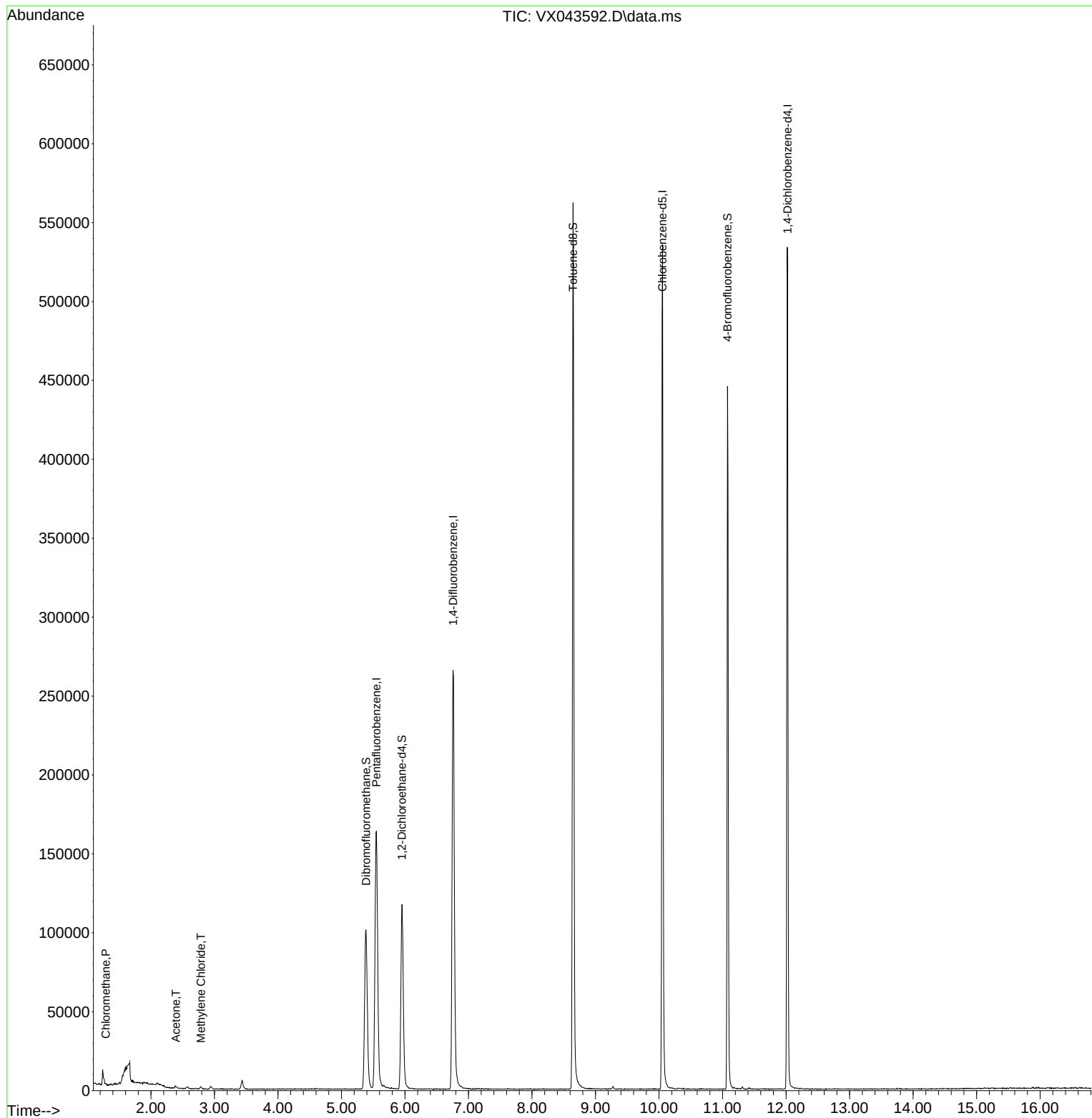
Internal Standards						
1) Pentafluorobenzene	5.550	168	160173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	298248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	113453	44.422	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.840%
35) Dibromofluoromethane	5.385	113	92267	45.622	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.240%
50) Toluene-d8	8.647	98	348344	49.758	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	11.079	95	123224	47.500	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	583	0.266	ug/l #	86
16) Acetone	2.392	43	1574	1.552	ug/l #	82
20) Methylene Chloride	2.788	84	780	0.357	ug/l #	77

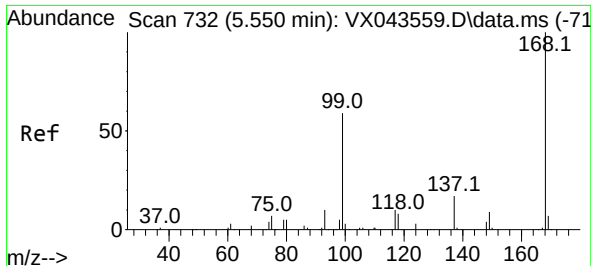
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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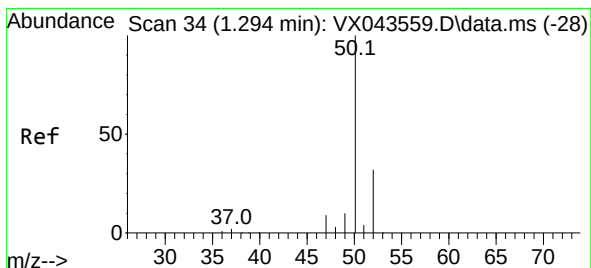
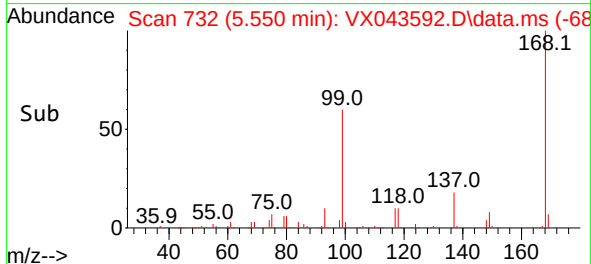
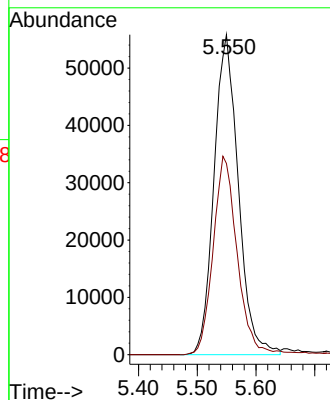
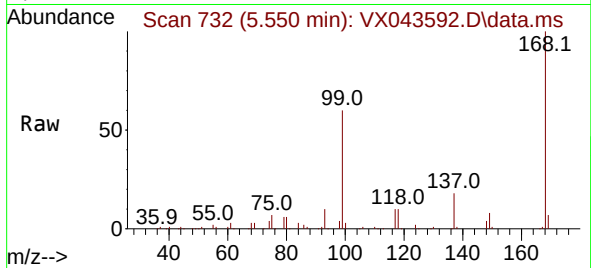




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

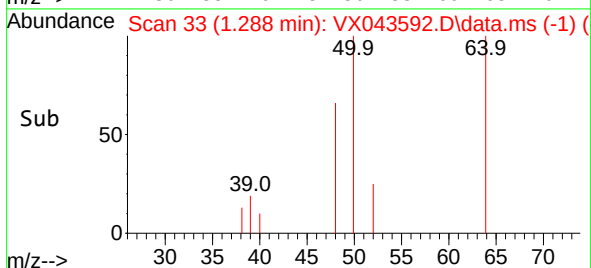
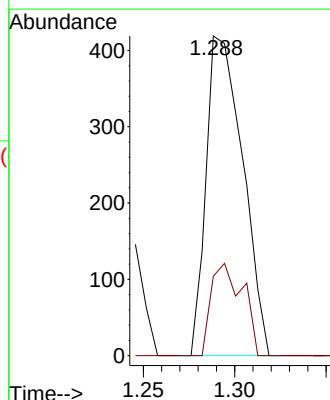
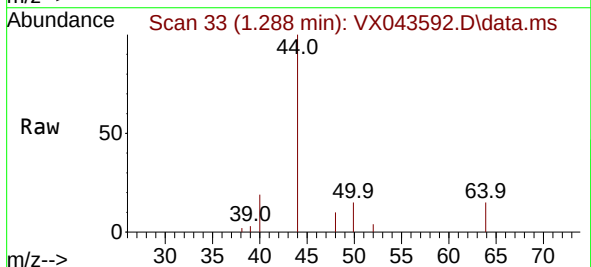
Instrument :
MSVOA_X
ClientSampleId :
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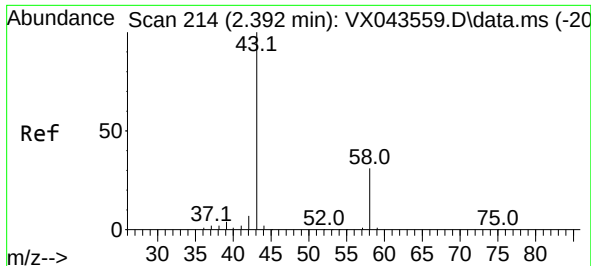
Tgt Ion:168 Resp: 160173
Ion Ratio Lower Upper
168 100
99 59.8 52.6 78.8



#3
Chloromethane
Concen: 0.266 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

Tgt Ion: 50 Resp: 583
Ion Ratio Lower Upper
50 100
52 24.8 26.3 39.5#





#16

Acetone

Concen: 1.552 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX043592.D

Acq: 29 Oct 2024 13:19

Instrument :

MSVOA_X

ClientSampleId :

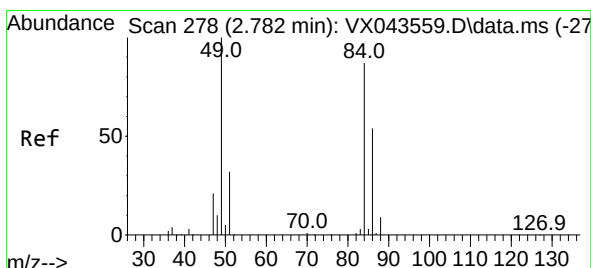
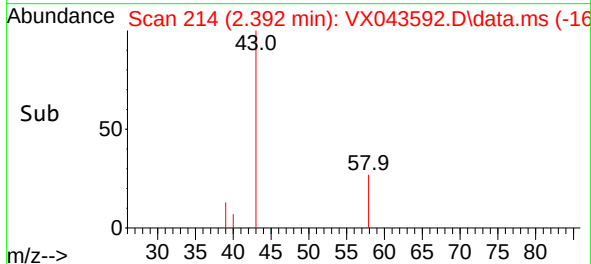
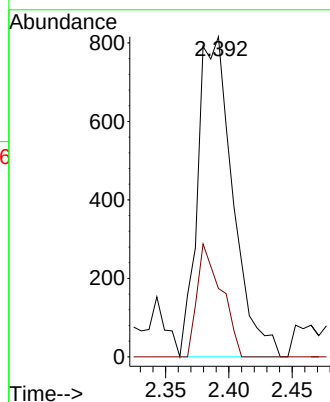
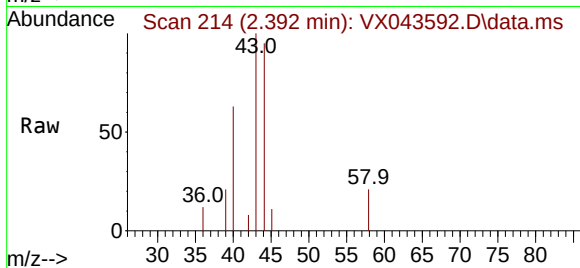
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Tgt Ion: 43 Resp: 1574

Ion Ratio Lower Upper

43 100

58 21.3 25.1 37.7#



#20

Methylene Chloride

Concen: 0.357 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX043592.D

Acq: 29 Oct 2024 13:19

Tgt Ion: 84 Resp: 780

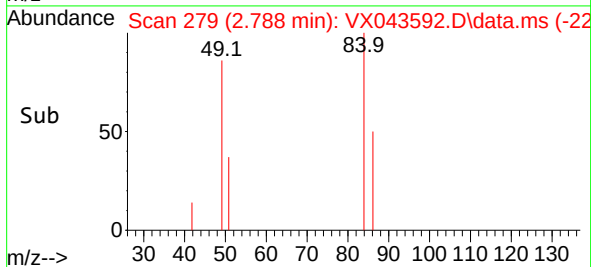
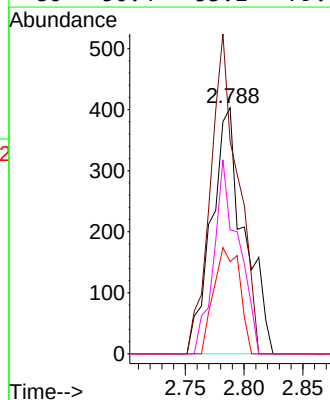
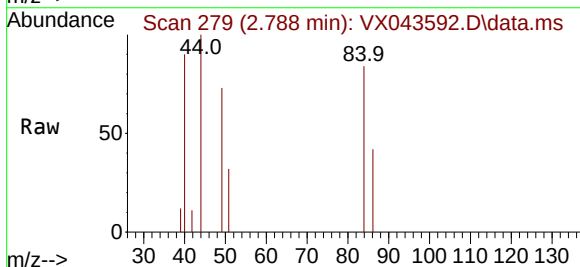
Ion Ratio Lower Upper

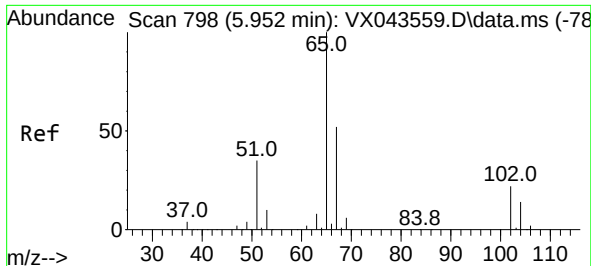
84 100

49 86.4 97.0 145.6#

51 37.5 29.8 44.8

86 50.4 53.1 79.7#

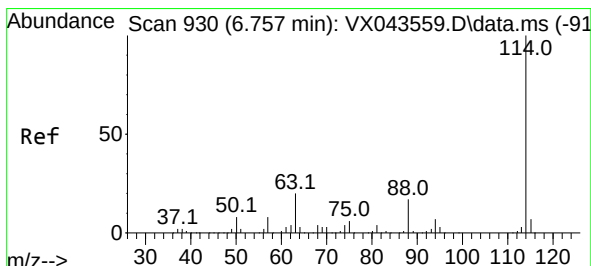
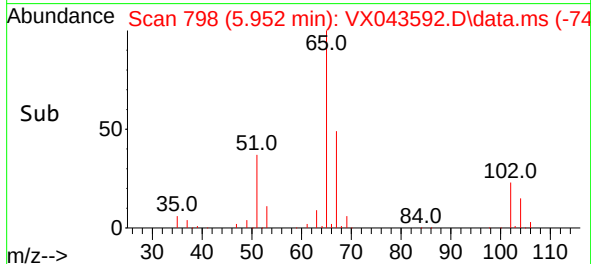
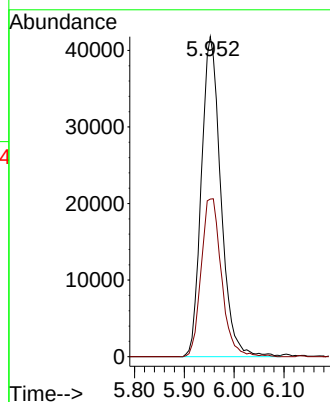
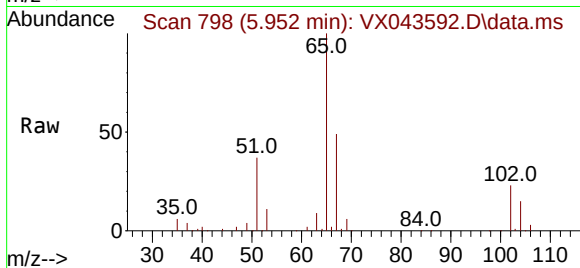




#33
 1,2-Dichloroethane-d4
 Concen: 44.422 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX043592.D
 Acq: 29 Oct 2024 13:19

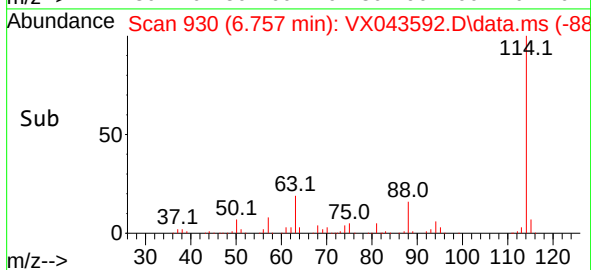
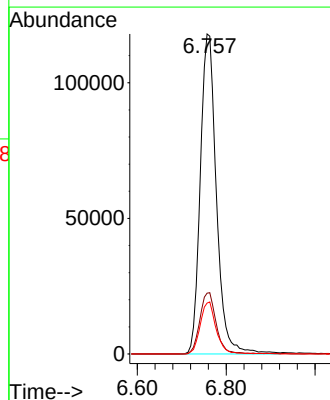
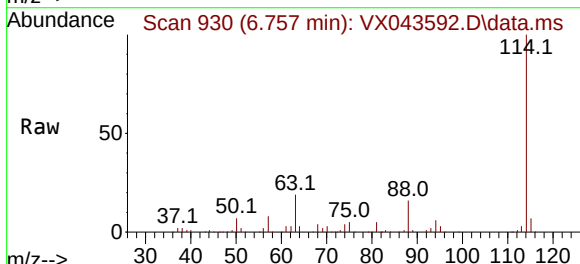
Instrument :
 MSVOA_X
 ClientSampleId :
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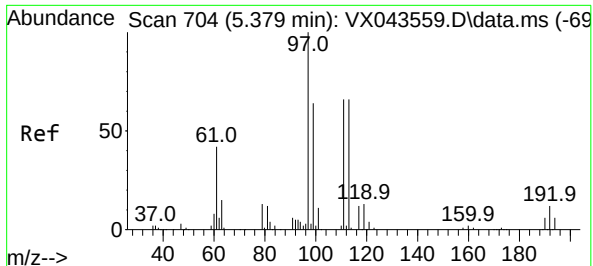
Tgt Ion: 65 Resp: 113453
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX043592.D
 Acq: 29 Oct 2024 13:19

Tgt Ion: 114 Resp: 298248
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.2
 88 15.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 45.622 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX043592.D

Acq: 29 Oct 2024 13:19

Instrument :

MSVOA_X

ClientSampleId :

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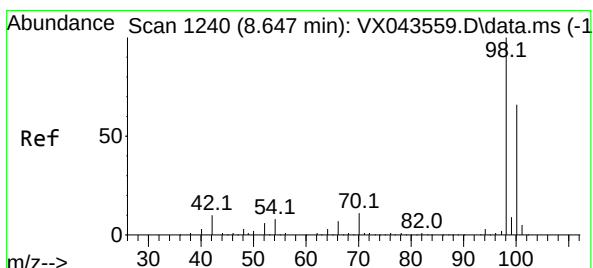
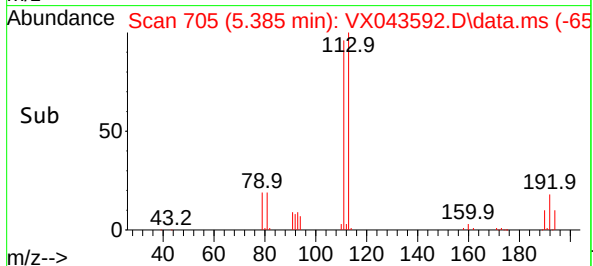
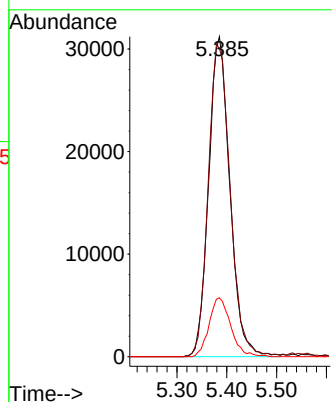
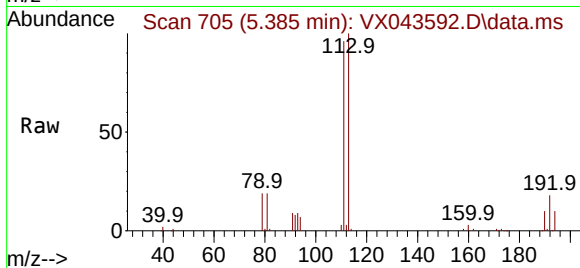
Tgt Ion:113 Resp: 92267

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 18.8 14.1 21.1



#50

Toluene-d8

Concen: 49.758 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043592.D

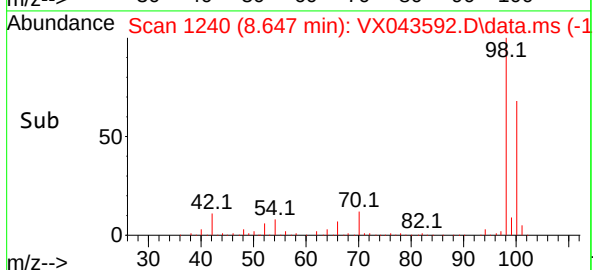
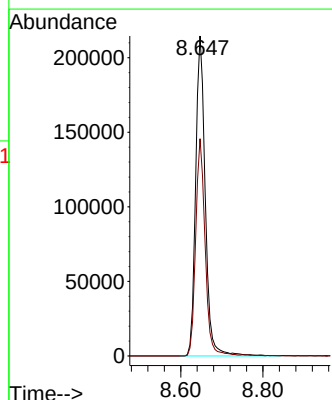
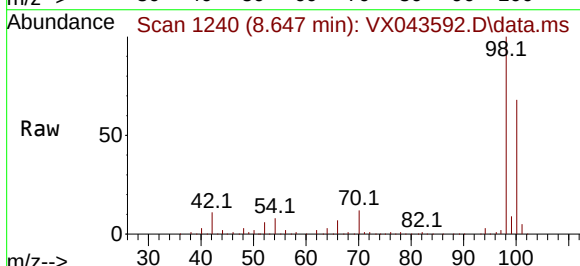
Acq: 29 Oct 2024 13:19

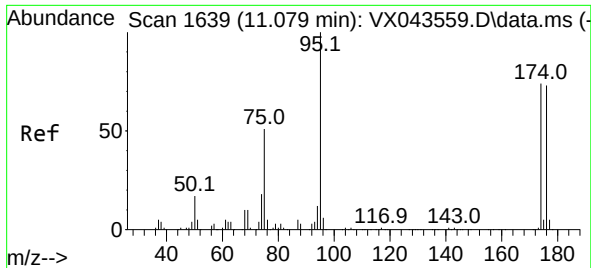
Tgt Ion: 98 Resp: 348344

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.2

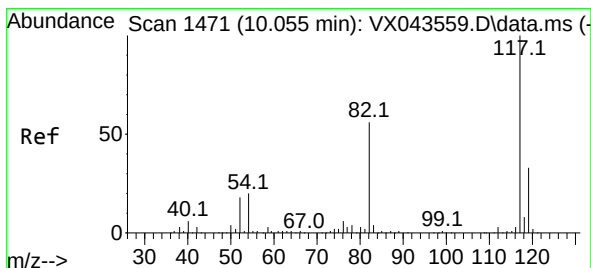
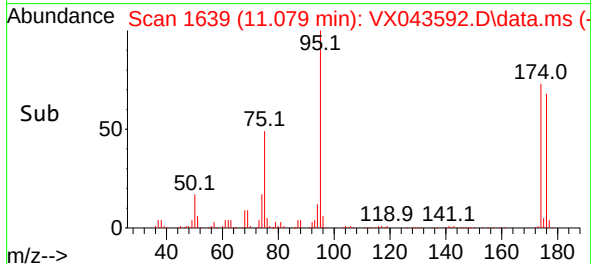
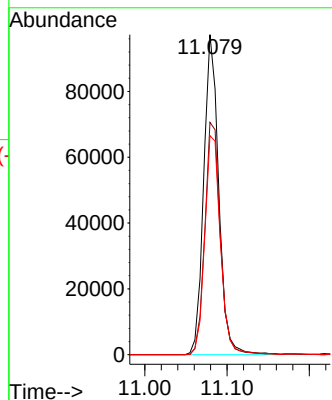
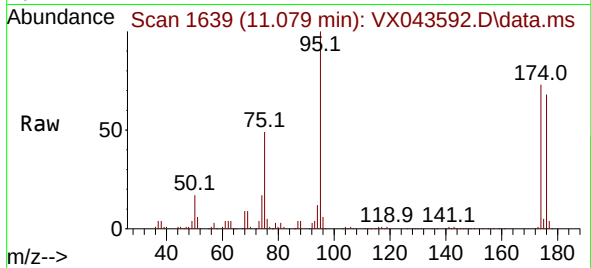




#62
4-Bromofluorobenzene
Concen: 47.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

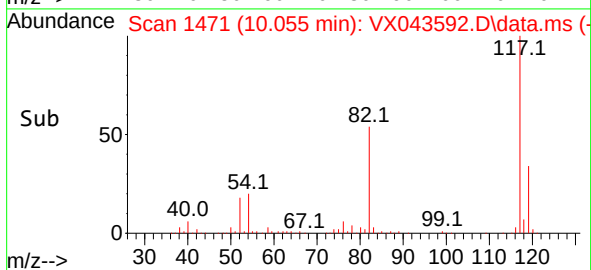
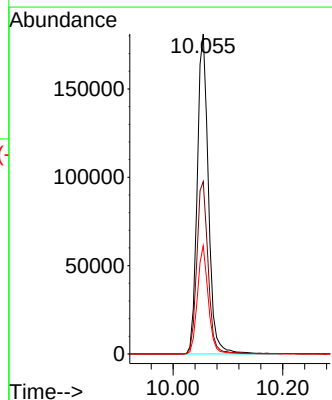
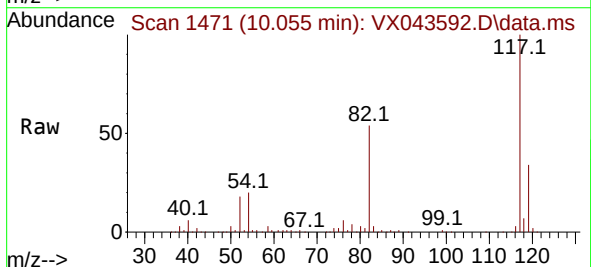
Instrument :
MSVOA_X
ClientSampleId :
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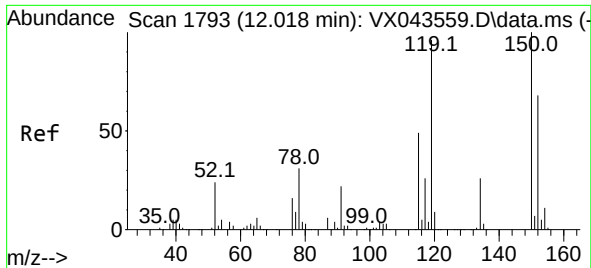
Tgt Ion: 95 Resp: 123224
Ion Ratio Lower Upper
95 100
174 75.1 0.0 146.6
176 71.6 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

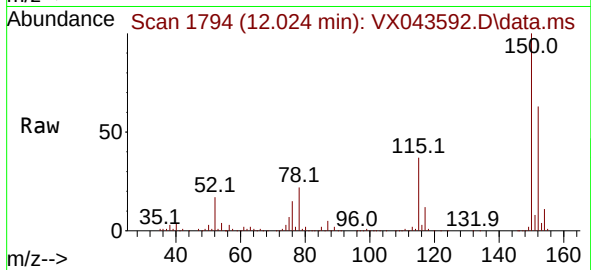
Tgt Ion: 117 Resp: 258594
Ion Ratio Lower Upper
117 100
82 53.9 42.1 63.1
119 33.8 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX043592.D
 Acq: 29 Oct 2024 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP BLANK



Tgt Ion:152 Resp: 115532
 Ion Ratio Lower Upper
 152 100
 115 61.7 42.9 128.7
 150 157.1 0.0 343.6

