

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
 Data File : VX034649.D
 Acq On : 21 Mar 2023 13:06
 Operator : JC/MD
 Sample : 02020-41
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-A821

Quant Time: Mar 22 02:02:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

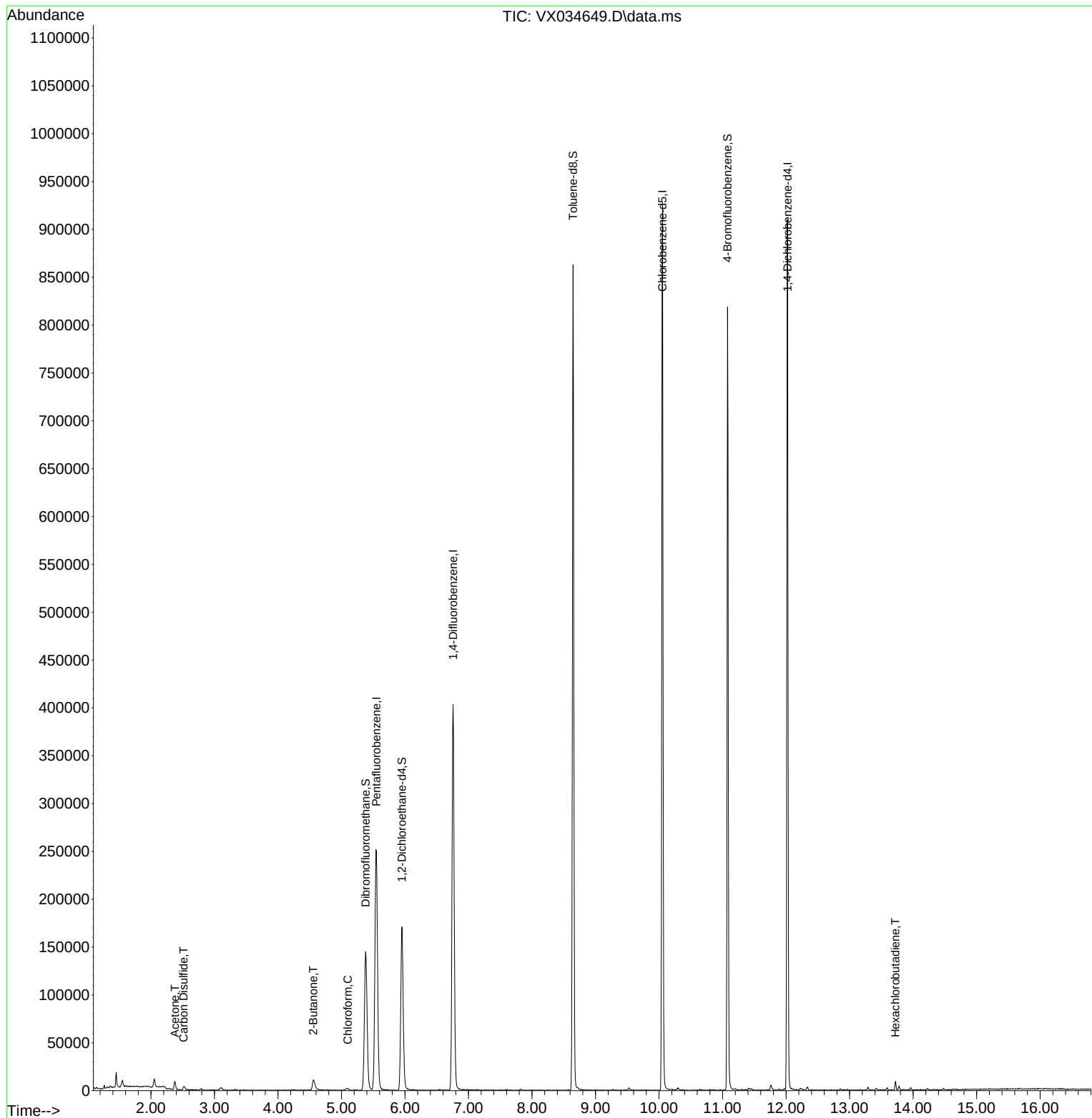
Internal Standards						
1) Pentafluorobenzene	5.550	168	238552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	400825	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161985	46.676	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.360%
35) Dibromofluoromethane	5.379	113	126297	47.723	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.440%
50) Toluene-d8	8.647	98	486276	49.222	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.440%
62) 4-Bromofluorobenzene	11.079	95	216782	54.325	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.640%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	9966	6.096	ug/l	100
17) Carbon Disulfide	2.514	76	2391	0.325	ug/l #	94
25) 2-Butanone	4.556	43	21710	9.281	ug/l	96
30) Chloroform	5.098	83	2564	0.482	ug/l #	84
94) Hexachlorobutadiene	13.719	225	1328	0.795	ug/l	97

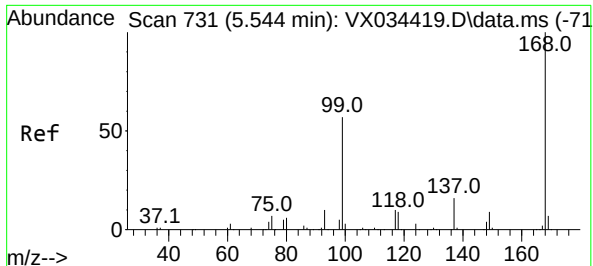
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
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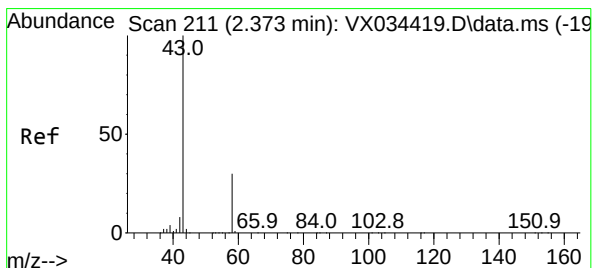
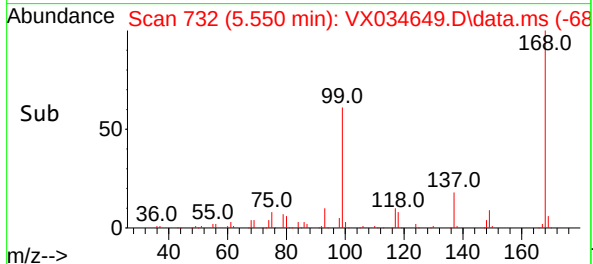
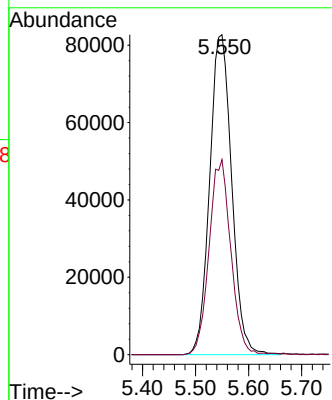
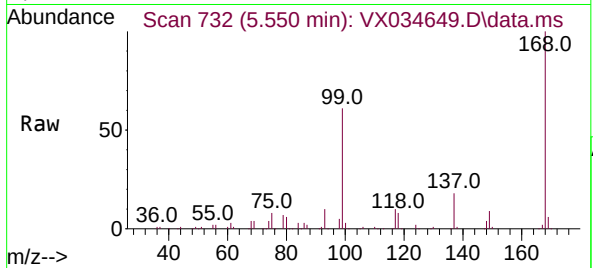




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034649.D
Acq: 21 Mar 2023 13:06

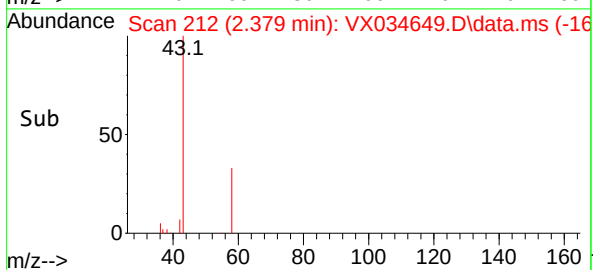
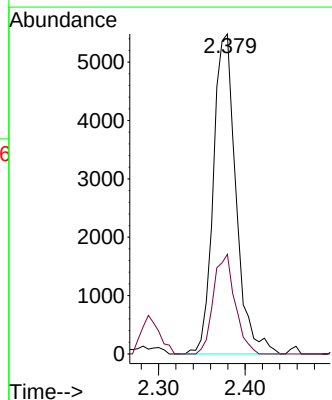
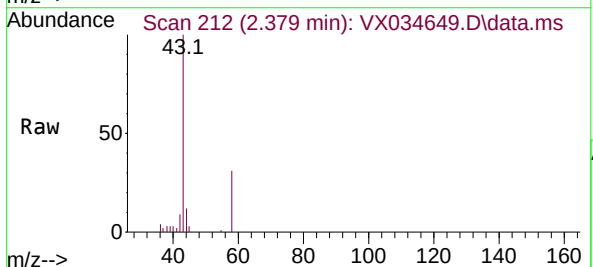
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A821

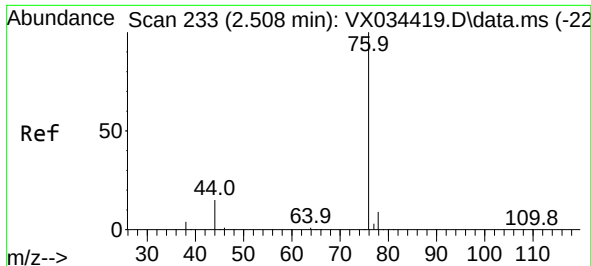
Tgt Ion:168 Resp: 238552
Ion Ratio Lower Upper
168 100
99 61.0 45.7 68.5



#16
Acetone
Concen: 6.096 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034649.D
Acq: 21 Mar 2023 13:06

Tgt Ion: 43 Resp: 9966
Ion Ratio Lower Upper
43 100
58 31.1 24.7 37.1





#17

Carbon Disulfide

Concen: 0.325 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034649.D

Acq: 21 Mar 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

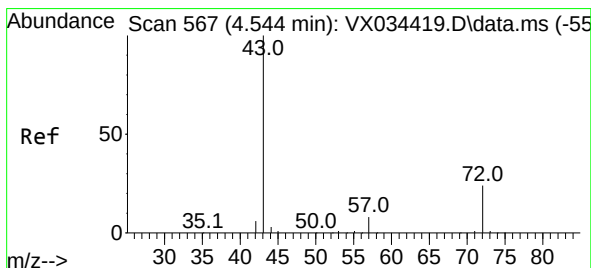
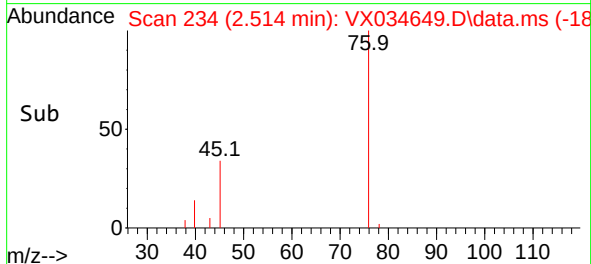
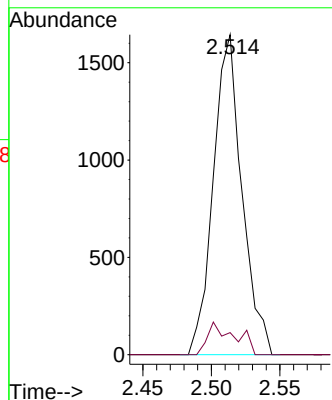
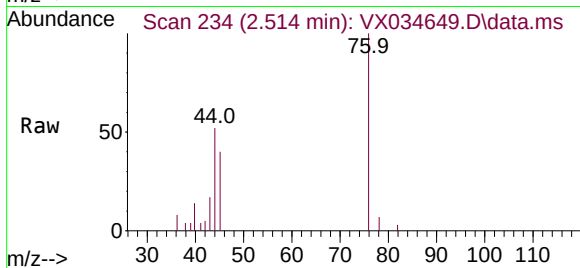
FRAC-TANK-A821

Tgt Ion: 76 Resp: 2391

Ion Ratio Lower Upper

76 100

78 6.9 7.2 10.8#



#25

2-Butanone

Concen: 9.281 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.012 min

Lab File: VX034649.D

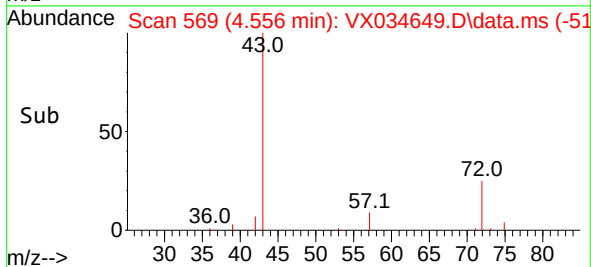
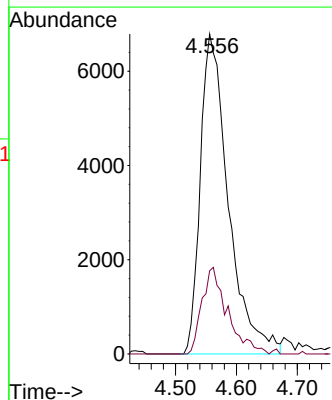
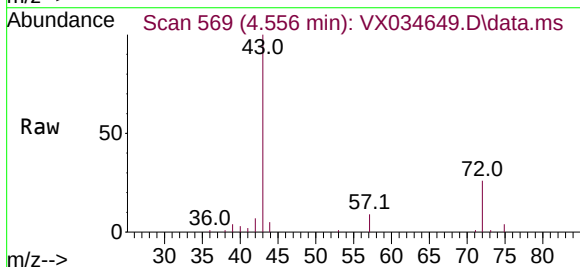
Acq: 21 Mar 2023 13:06

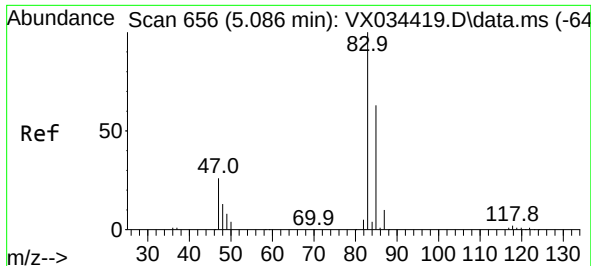
Tgt Ion: 43 Resp: 21710

Ion Ratio Lower Upper

43 100

72 26.0 19.3 28.9





#30

Chloroform

Concen: 0.482 ug/l

RT: 5.098 min Scan# 6

Delta R.T. 0.012 min

Lab File: VX034649.D

Acq: 21 Mar 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

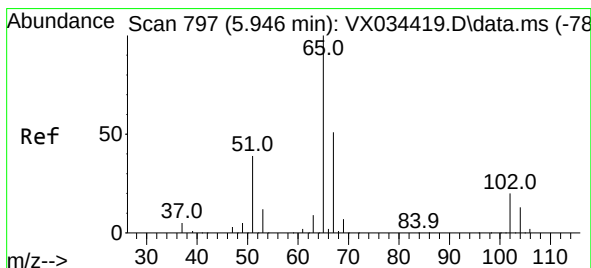
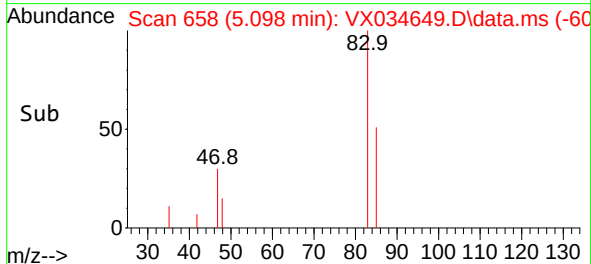
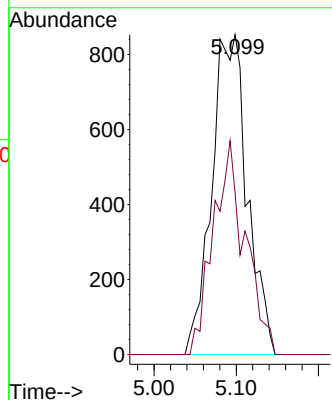
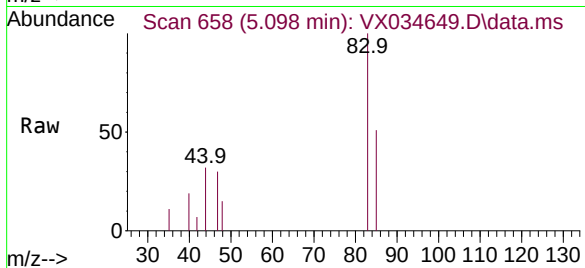
FRAC-TANK-A821

Tgt Ion: 83 Resp: 2564

Ion Ratio Lower Upper

83 100

85 50.5 50.6 76.0#



#33

1,2-Dichloroethane-d4

Concen: 46.676 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034649.D

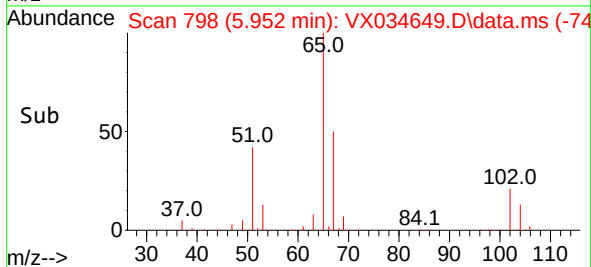
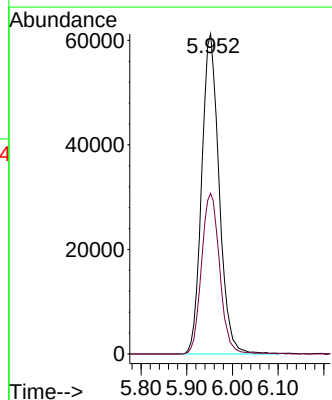
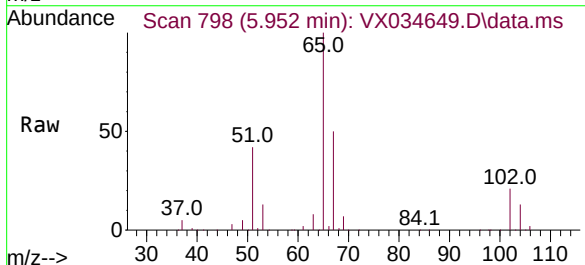
Acq: 21 Mar 2023 13:06

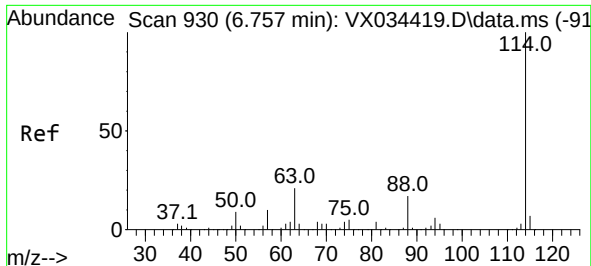
Tgt Ion: 65 Resp: 161985

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0

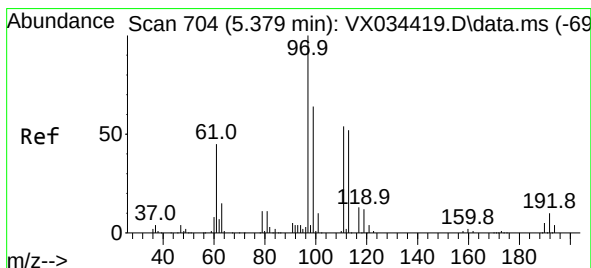
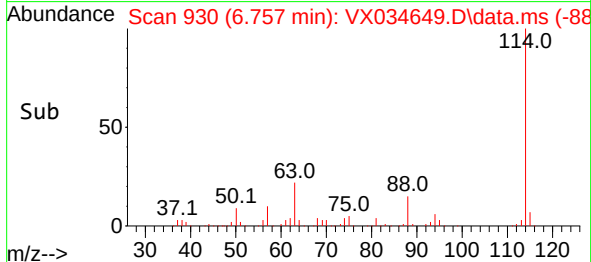
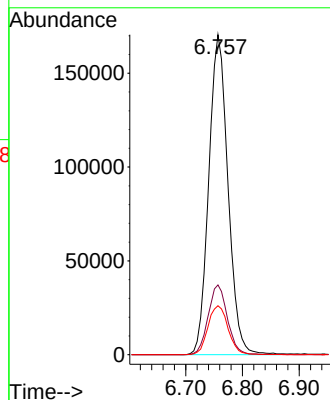
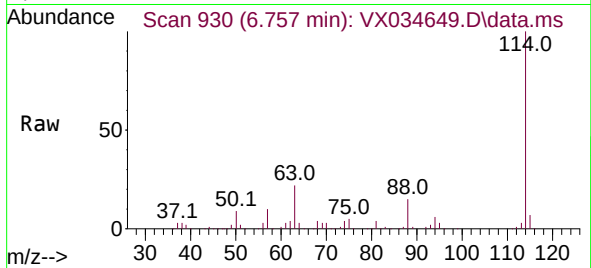




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX034649.D
Acq: 21 Mar 2023 13:06

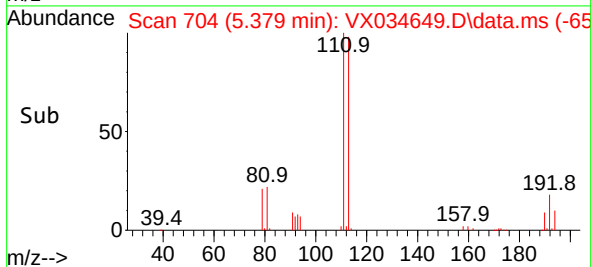
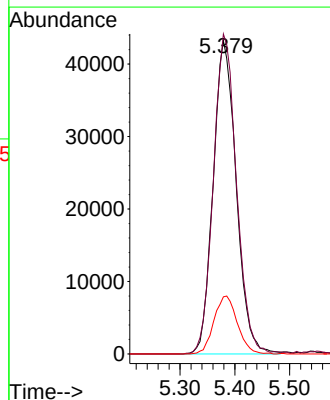
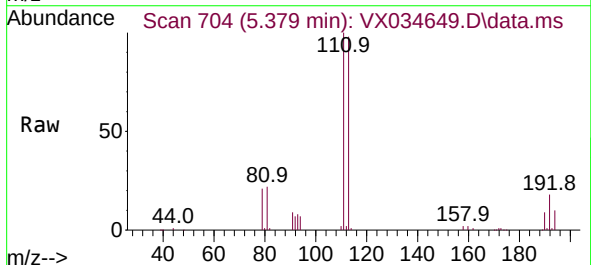
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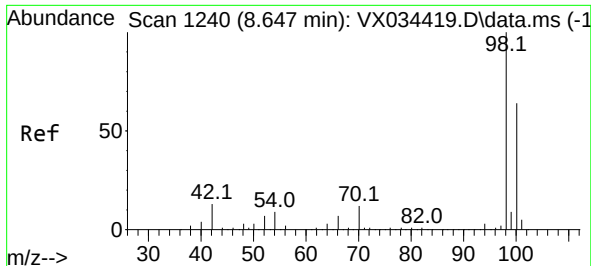
Tgt Ion:114 Resp: 400825
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.2
88 15.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.723 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX034649.D
Acq: 21 Mar 2023 13:06

Tgt Ion:113 Resp: 126297
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 18.8 15.4 23.2

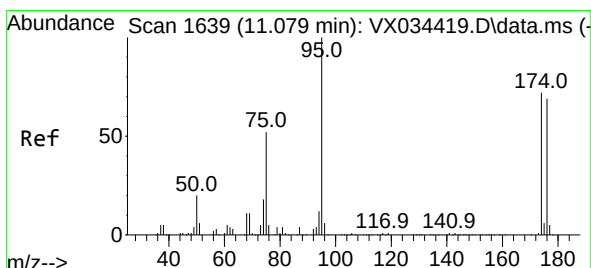
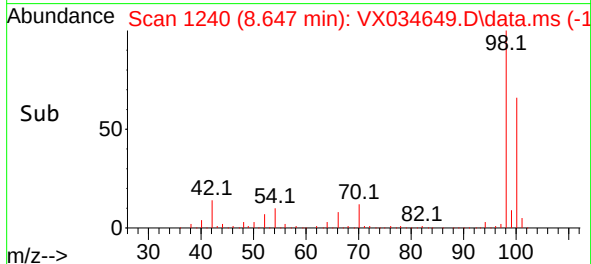
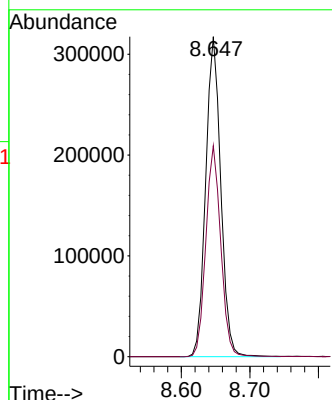
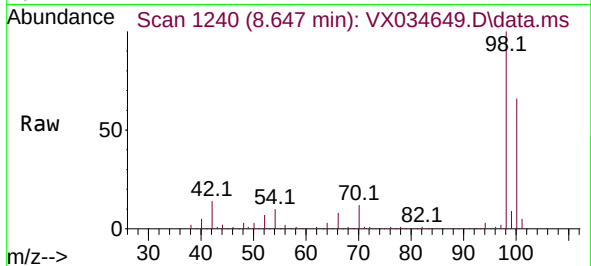




#50
Toluene-d8
Concen: 49.222 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034649.D
Acq: 21 Mar 2023 13:06

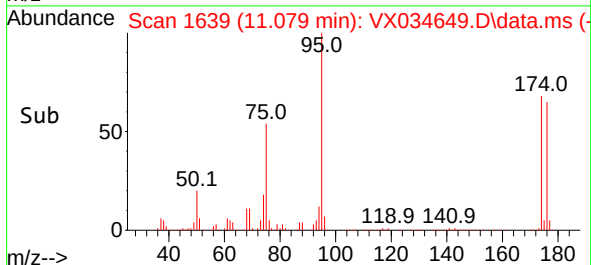
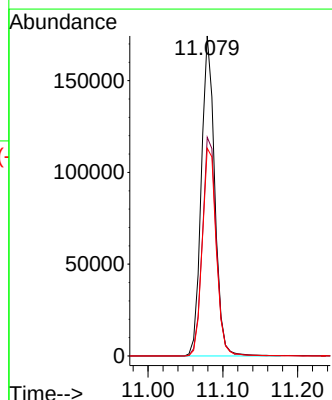
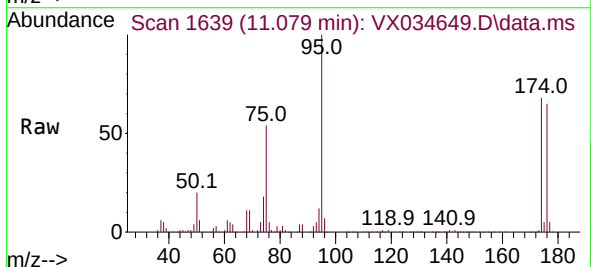
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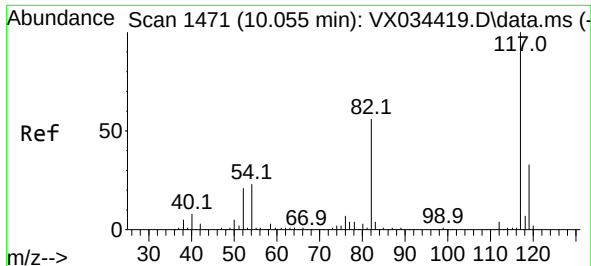
Tgt Ion: 98 Resp: 486276
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 54.325 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034649.D
Acq: 21 Mar 2023 13:06

Tgt Ion: 95 Resp: 216782
Ion Ratio Lower Upper
95 100
174 70.9 0.0 147.4
176 68.0 0.0 140.6

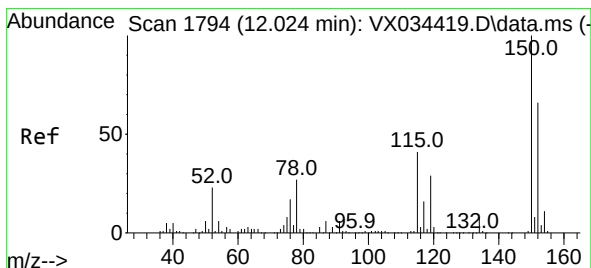
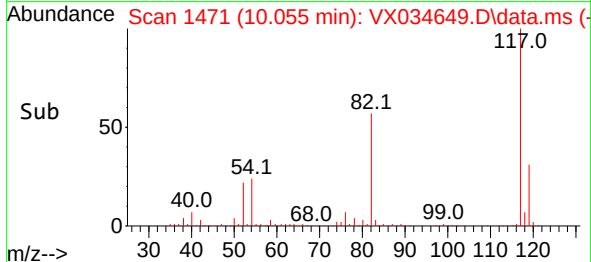
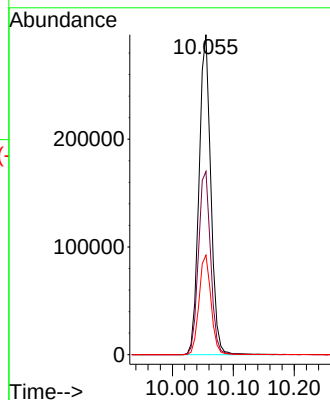
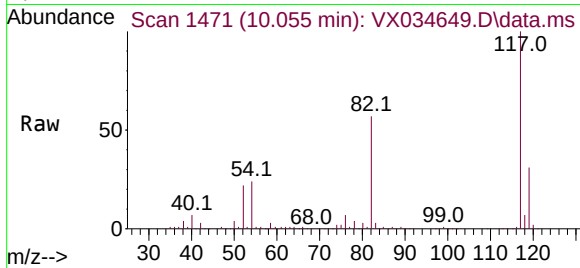




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034649.D
Acq: 21 Mar 2023 13:06

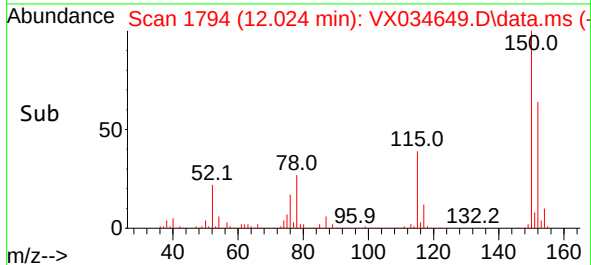
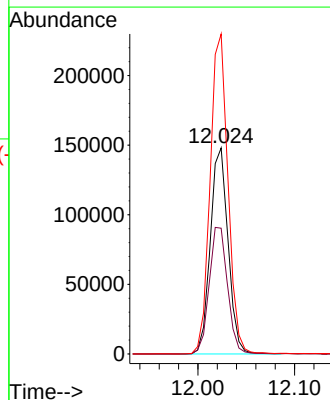
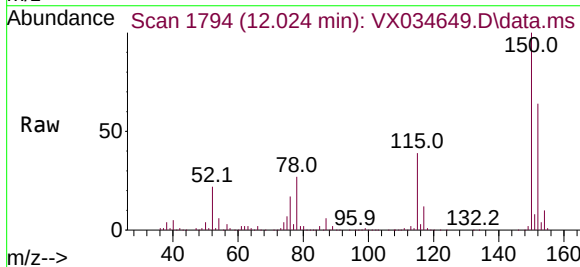
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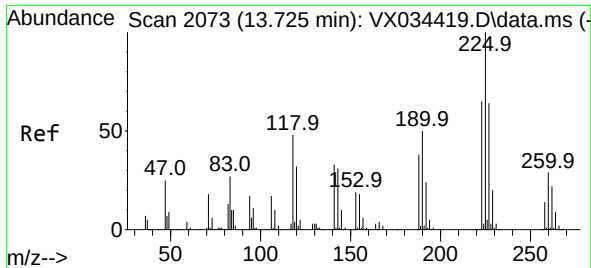
Tgt Ion:117 Resp: 399256
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 31.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034649.D
Acq: 21 Mar 2023 13:06

Tgt Ion:152 Resp: 188807
Ion Ratio Lower Upper
152 100
115 63.4 45.0 135.0
150 155.9 0.0 352.4





#94
 Hexachlorobutadiene
 Concen: 0.795 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX034649.D
 Acq: 21 Mar 2023 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-A821

Tgt Ion:	225	Resp:	1328
Ion	Ratio	Lower	Upper
225	100		
223	66.3	32.1	96.5
227	61.5	31.8	95.4

