

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034569.D
 Acq On : 17 Mar 2023 07:12
 Operator : JC/MD
 Sample : 01907-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33958

Quant Time: Mar 17 07:55:39 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)

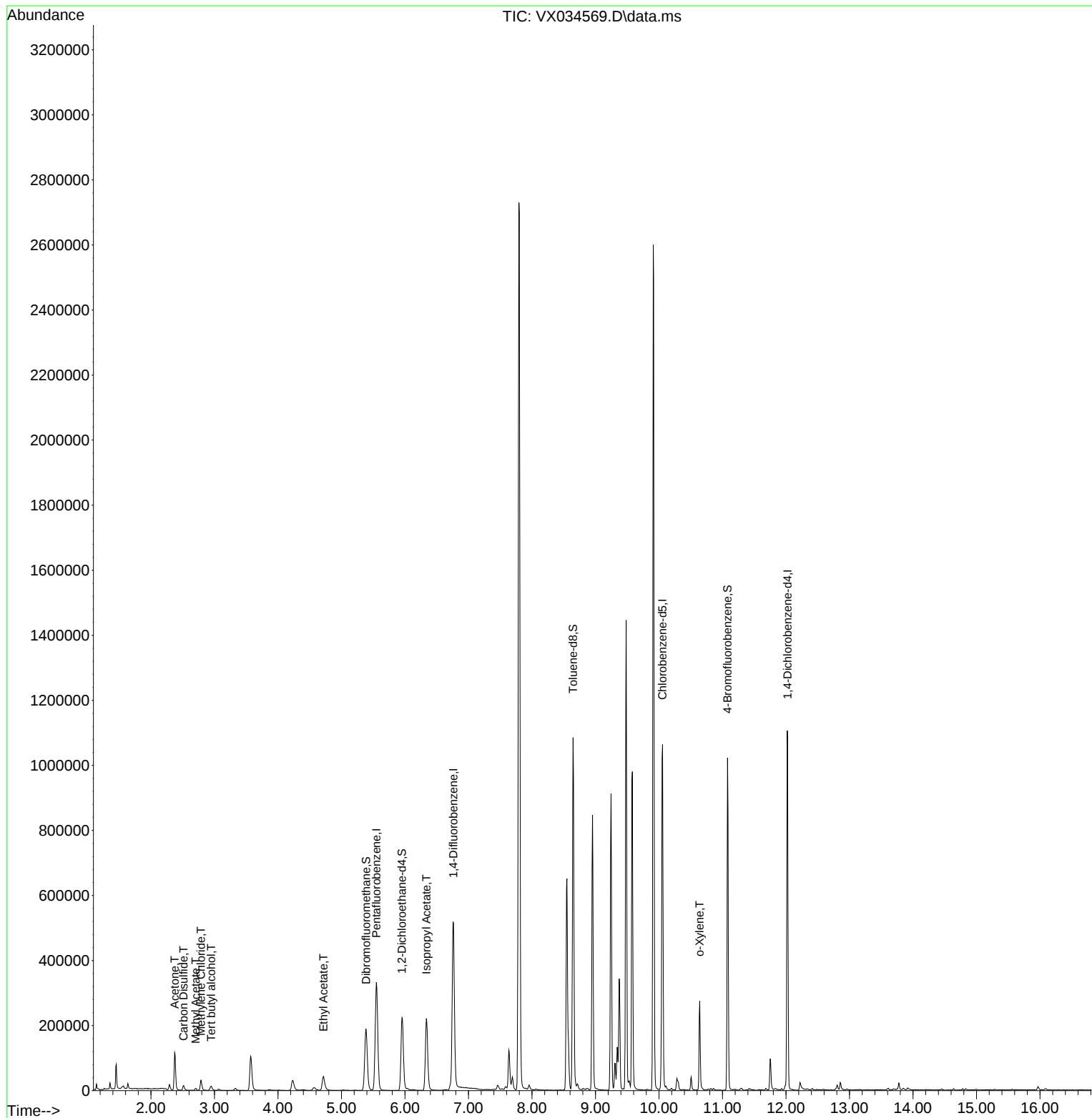
Internal Standards						
1) Pentafluorobenzene	5.550	168	292079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	504056	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	227018	53.427	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.860%		
35) Dibromofluoromethane	5.385	113	161840	48.630	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.260%		
50) Toluene-d8	8.647	98	608754	48.999	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.000%		
62) 4-Bromofluorobenzene	11.079	95	263657	52.540	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.080%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	10463	11.825	ug/l	# 90
16) Acetone	2.374	43	122987	61.445	ug/l	94
17) Carbon Disulfide	2.514	76	16662	1.852	ug/l	98
18) Methyl Acetate	2.703	43	7580	1.159	ug/l	95
20) Methylene Chloride	2.788	84	13457	3.464	ug/l	90
37) Ethyl Acetate	4.715	43	77925	13.954	ug/l	98
43) Isopropyl Acetate	6.336	43	308293	32.588	ug/l	99
69) o-Xylene	10.640	106	7335	1.056	ug/l	97

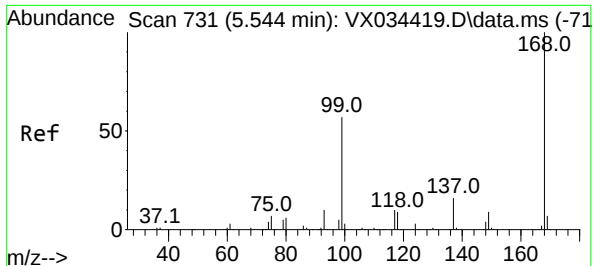
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 17 07:55:39 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

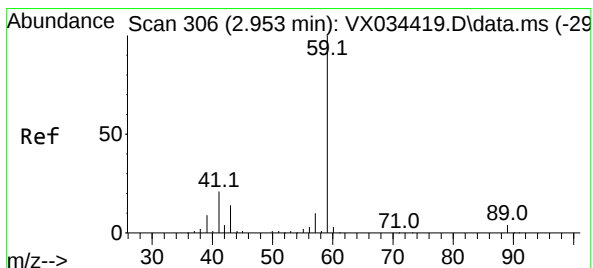
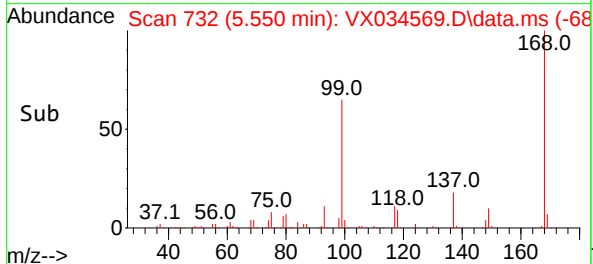
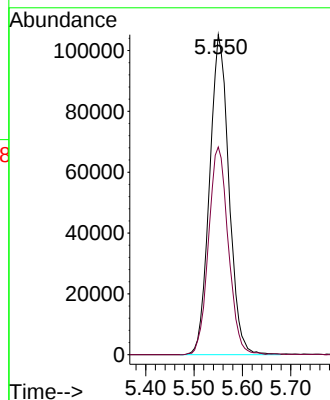
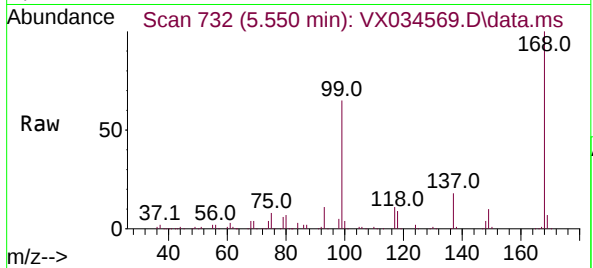




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034569.D
Acq: 17 Mar 2023 07:12

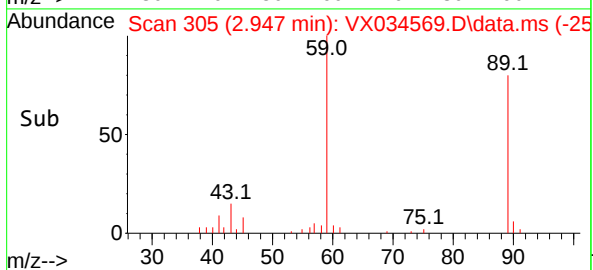
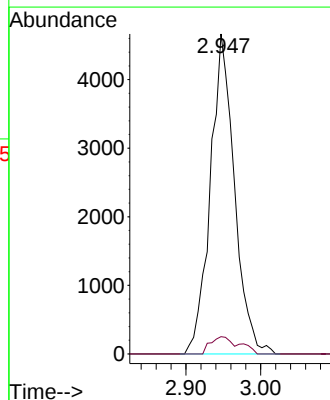
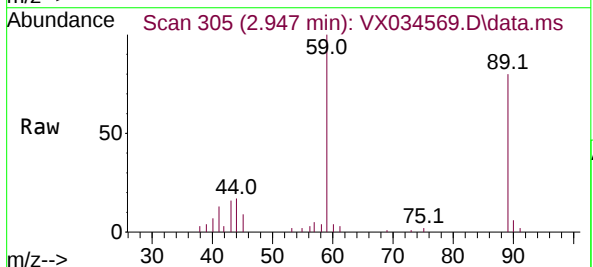
Instrument :
MSVOA_X
ClientSampleId :
33958

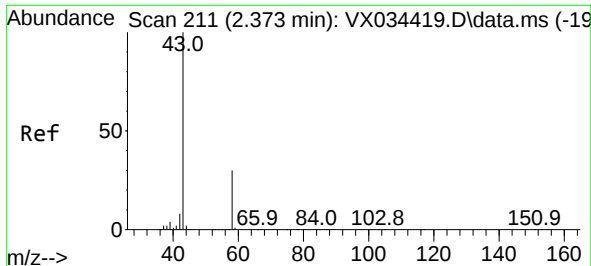
Tgt Ion:168 Resp: 292079
Ion Ratio Lower Upper
168 100
99 64.9 45.7 68.5



#11
Tert butyl alcohol
Concen: 11.825 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034569.D
Acq: 17 Mar 2023 07:12

Tgt Ion: 59 Resp: 10463
Ion Ratio Lower Upper
59 100
57 6.3 8.1 12.1#

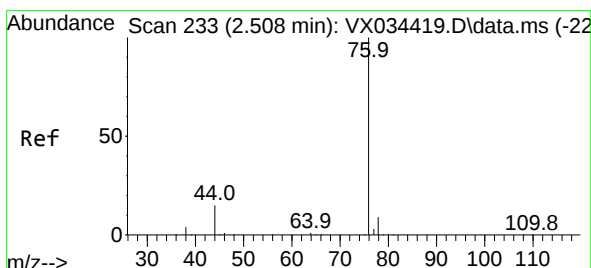
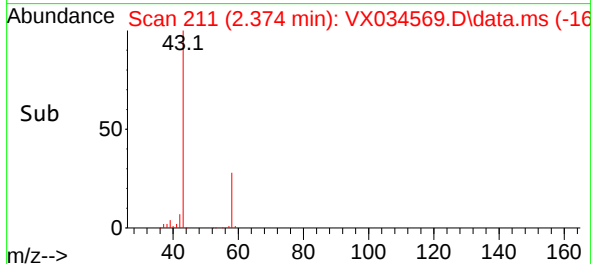
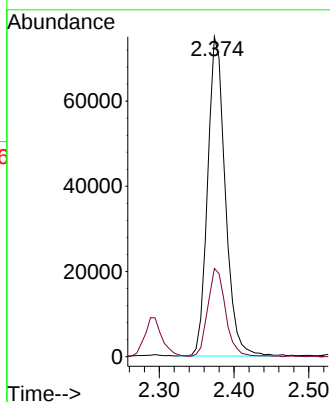
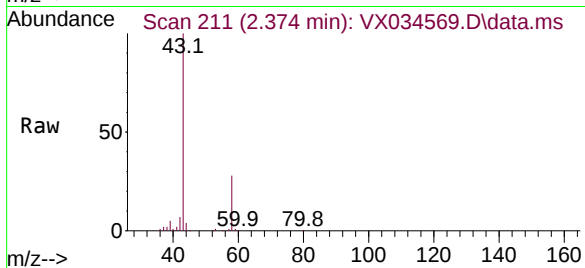




#16
Acetone
Concen: 61.445 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034569.D
Acq: 17 Mar 2023 07:12

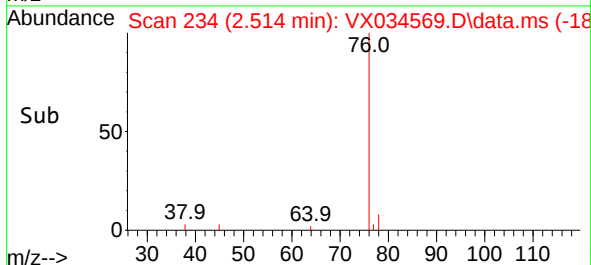
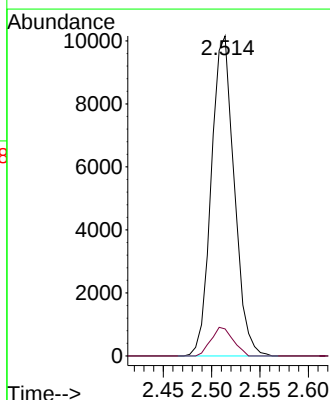
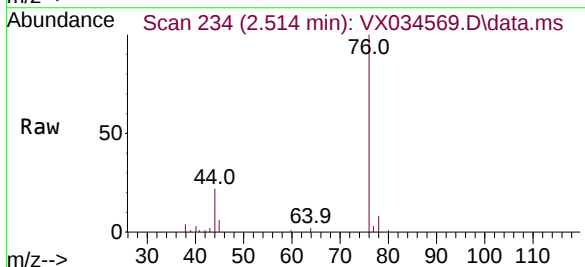
Instrument :
MSVOA_X
ClientSampleId :
33958

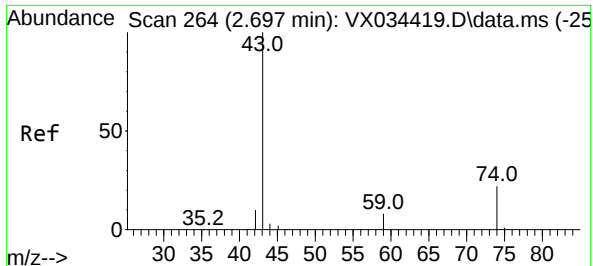
Tgt Ion: 43 Resp: 122987
Ion Ratio Lower Upper
43 100
58 27.4 24.7 37.1



#17
Carbon Disulfide
Concen: 1.852 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034569.D
Acq: 17 Mar 2023 07:12

Tgt Ion: 76 Resp: 16662
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

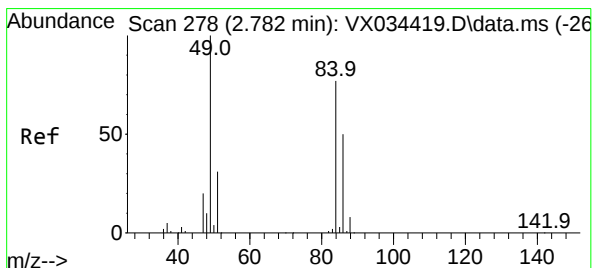
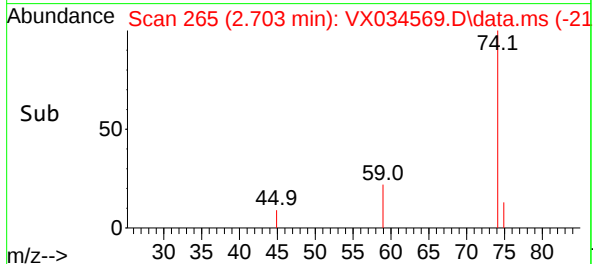
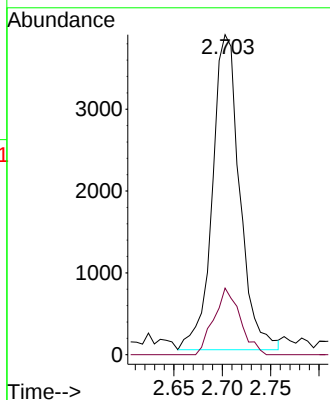
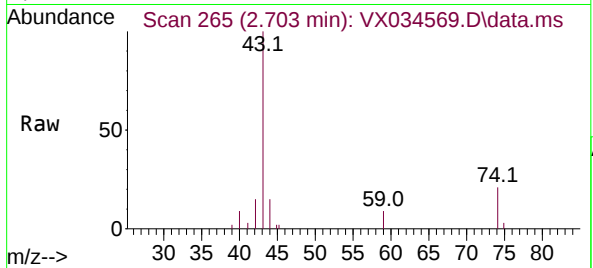




#18
Methyl Acetate
Concen: 1.159 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034569.D
Acq: 17 Mar 2023 07:12

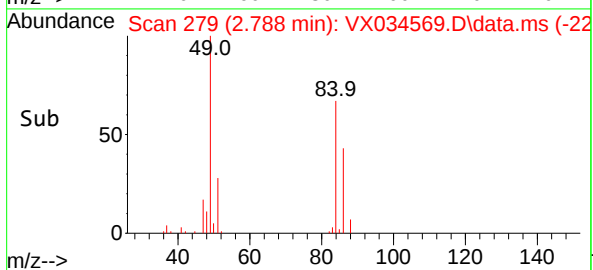
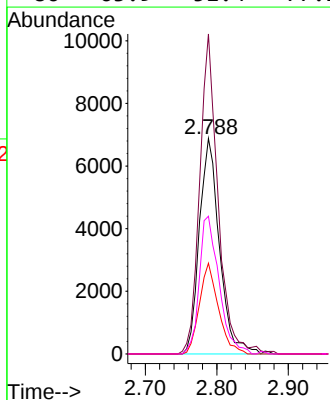
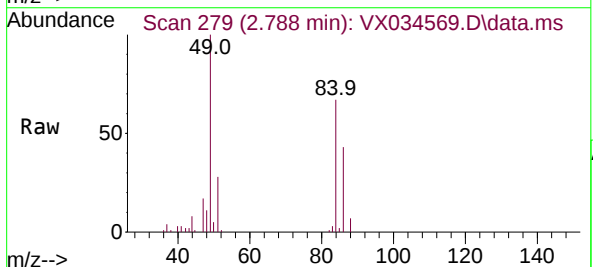
Instrument :
MSVOA_X
ClientSampleId :
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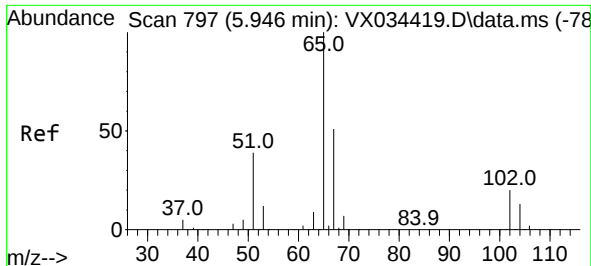
Tgt Ion: 43 Resp: 7580
Ion Ratio Lower Upper
43 100
74 20.3 18.3 27.5



#20
Methylene Chloride
Concen: 3.464 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034569.D
Acq: 17 Mar 2023 07:12

Tgt Ion: 84 Resp: 13457
Ion Ratio Lower Upper
84 100
49 148.5 103.8 155.8
51 42.1 31.8 47.8
86 63.9 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 53.427 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034569.D

Acq: 17 Mar 2023 07:12

Instrument :

MSVOA_X

ClientSampleId :

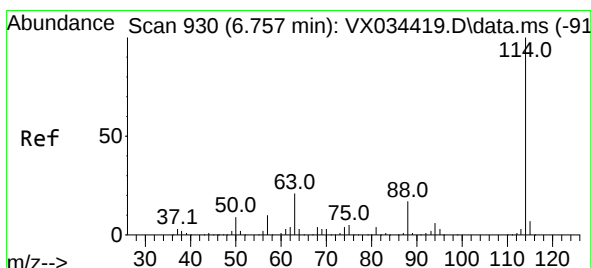
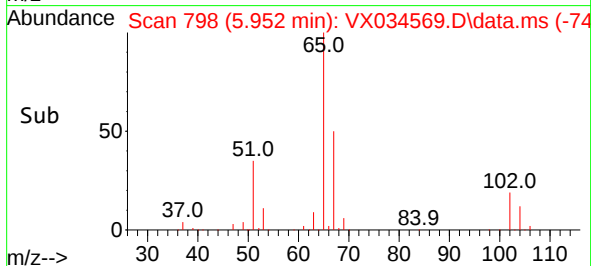
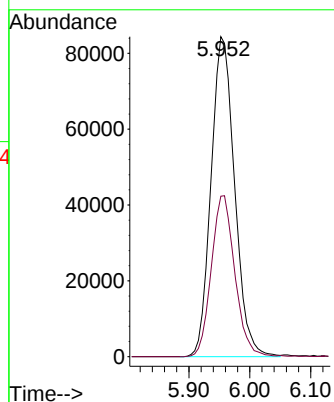
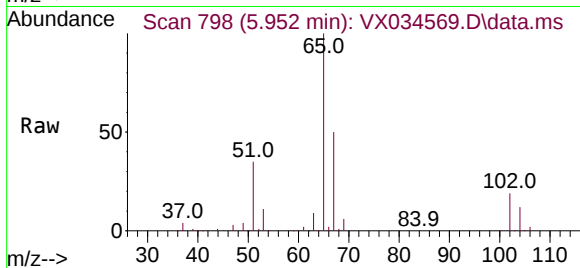
33958

Tgt Ion: 65 Resp: 227018

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034569.D

Acq: 17 Mar 2023 07:12

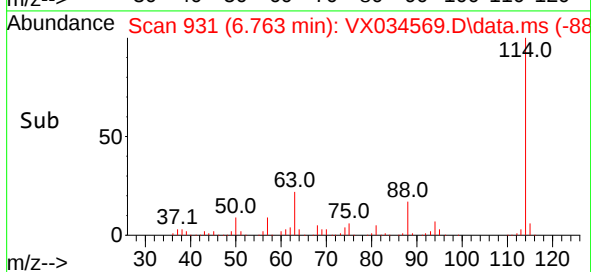
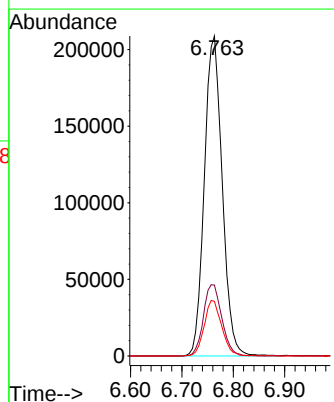
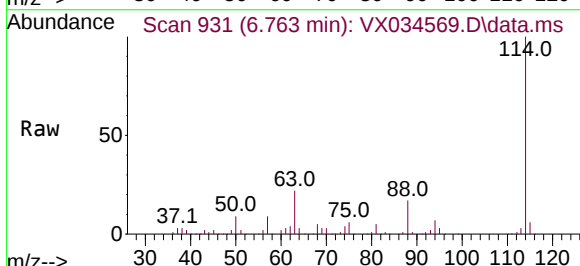
Tgt Ion: 114 Resp: 504056

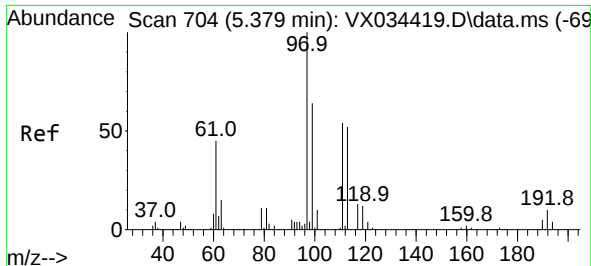
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 17.1 0.0 33.2

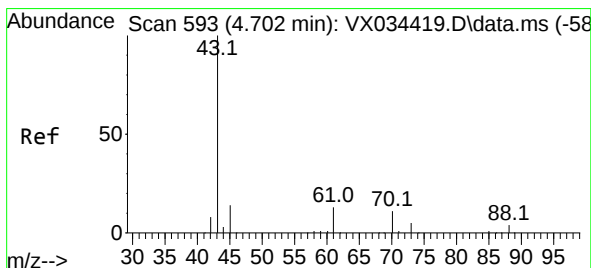
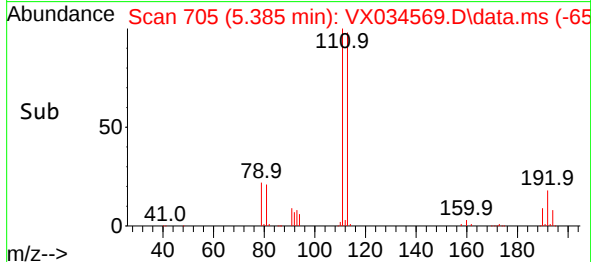
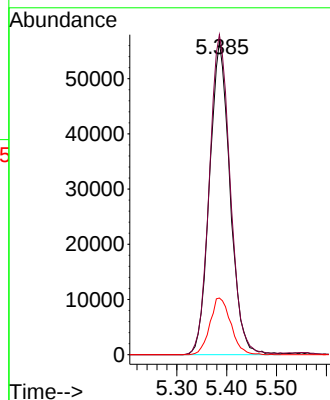
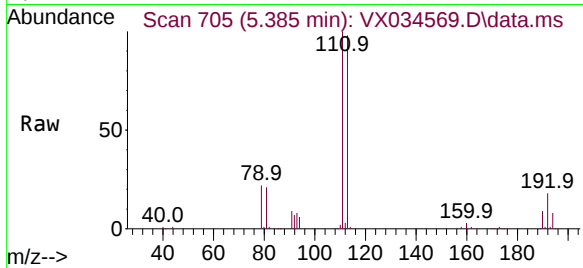




#35
Dibromofluoromethane
Concen: 48.630 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034569.D
Acq: 17 Mar 2023 07:12

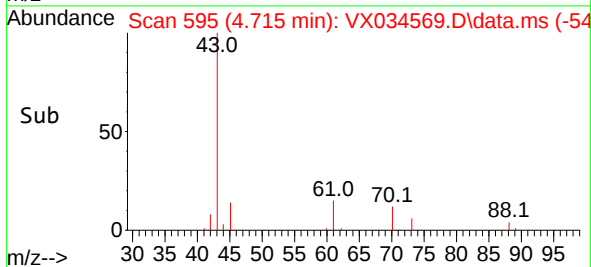
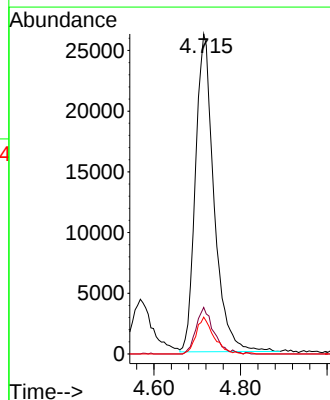
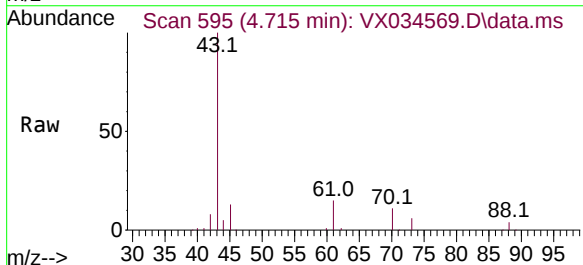
Instrument :
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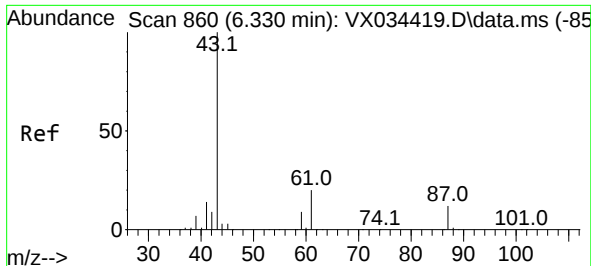
Tgt Ion:113 Resp: 161840
Ion Ratio Lower Upper
113 100
111 104.3 83.7 125.5
192 18.4 15.4 23.2



#37
Ethyl Acetate
Concen: 13.954 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX034569.D
Acq: 17 Mar 2023 07:12

Tgt Ion: 43 Resp: 77925
Ion Ratio Lower Upper
43 100
61 13.6 10.2 15.4
70 10.9 8.2 12.4

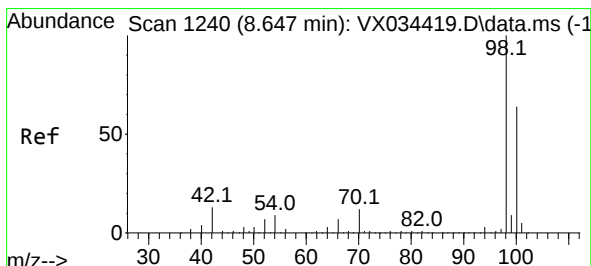
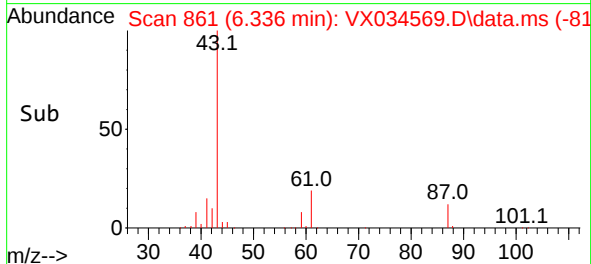
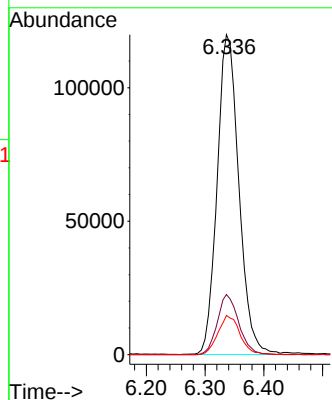
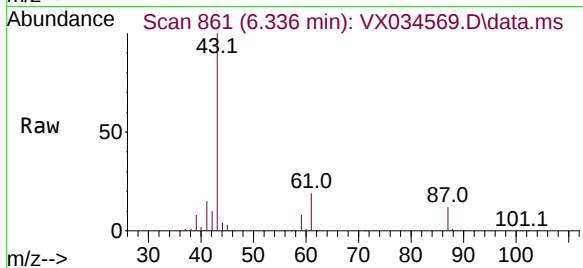




#43
Isopropyl Acetate
Concen: 32.588 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX034569.D
Acq: 17 Mar 2023 07:12

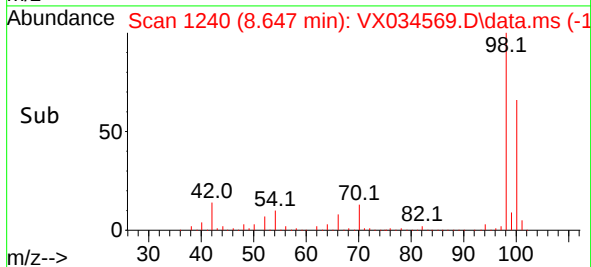
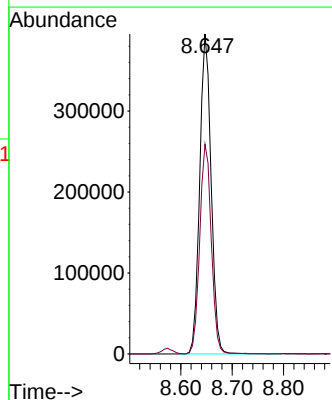
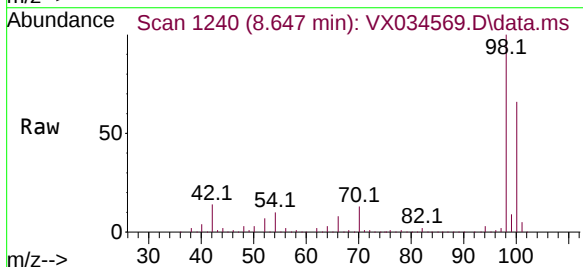
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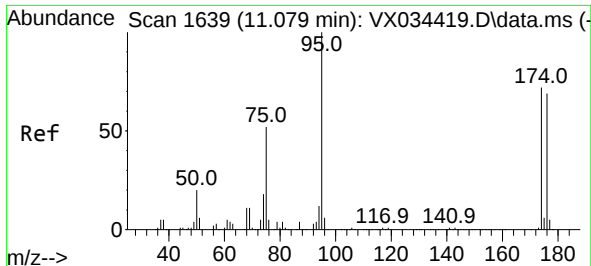
Tgt Ion: 43 Resp: 308293
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 12.4 9.8 14.8



#50
Toluene-d8
Concen: 48.999 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034569.D
Acq: 17 Mar 2023 07:12

Tgt Ion: 98 Resp: 608754
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 52.540 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034569.D

Acq: 17 Mar 2023 07:12

Instrument :

MSVOA_X

ClientSampleId :

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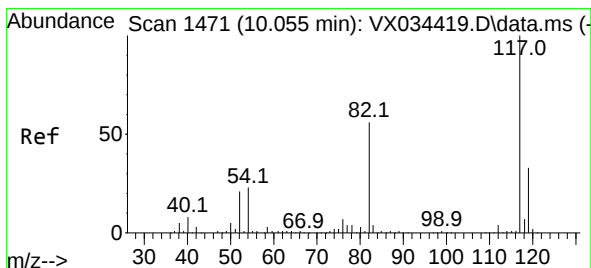
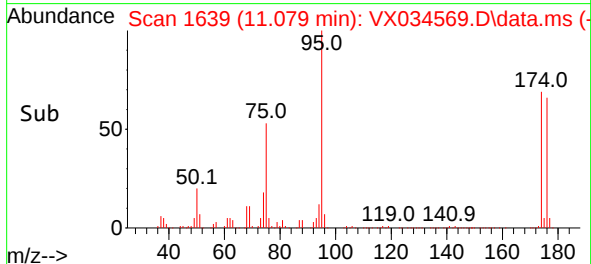
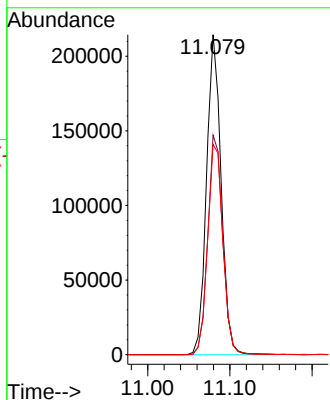
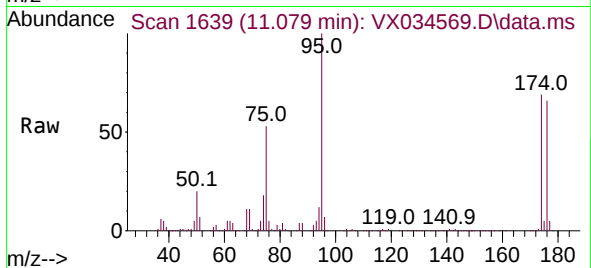
Tgt Ion: 95 Resp: 263657

Ion Ratio Lower Upper

95 100

174 70.4 0.0 147.4

176 69.1 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: VX034569.D

Acq: 17 Mar 2023 07:12

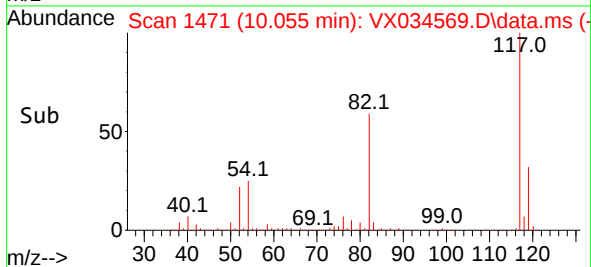
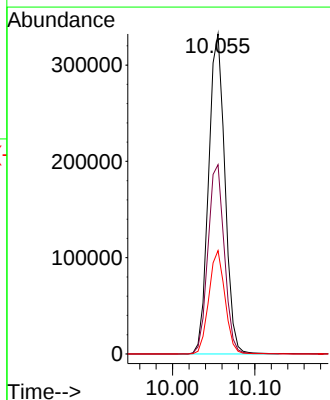
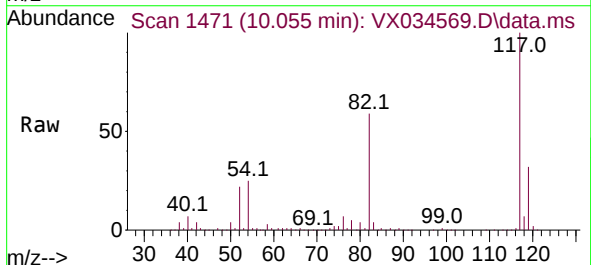
Tgt Ion: 117 Resp: 458550

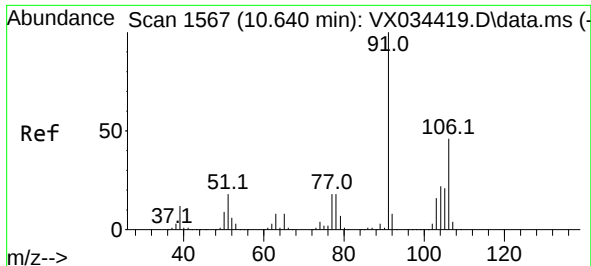
Ion Ratio Lower Upper

117 100

82 59.1 45.0 67.4

119 32.3 26.0 39.0

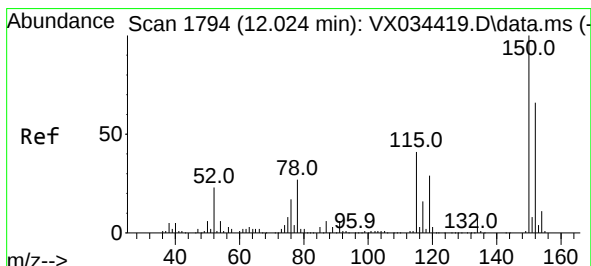
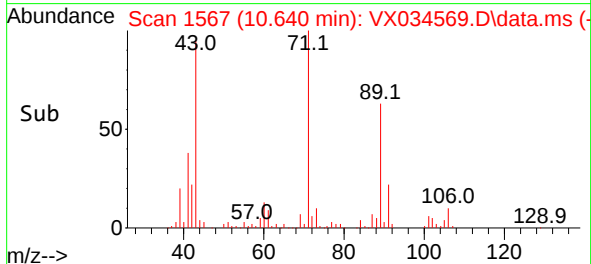
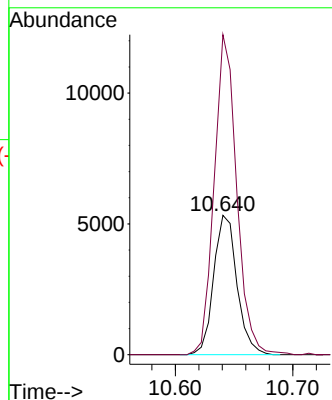
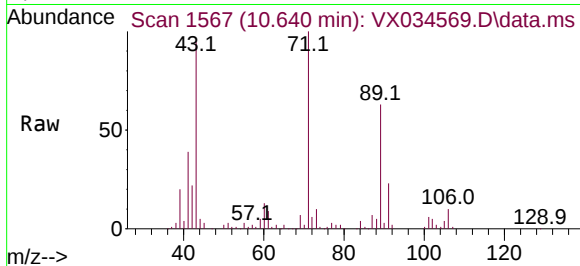




#69
o-Xylene
Concen: 1.056 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034569.D
Acq: 17 Mar 2023 07:12

Instrument :
MSVOA_X
ClientSampleId :
33958

Tgt Ion:106 Resp: 7335
Ion Ratio Lower Upper
106 100
91 221.9 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034569.D
Acq: 17 Mar 2023 07:12

Tgt Ion:152 Resp: 218805
Ion Ratio Lower Upper
152 100
115 63.8 45.0 135.0
150 157.3 0.0 352.4

