

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034567.D
 Acq On : 17 Mar 2023 06:25
 Operator : JC/MD
 Sample : 01907-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33962

Quant Time: Mar 17 07:54:43 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)

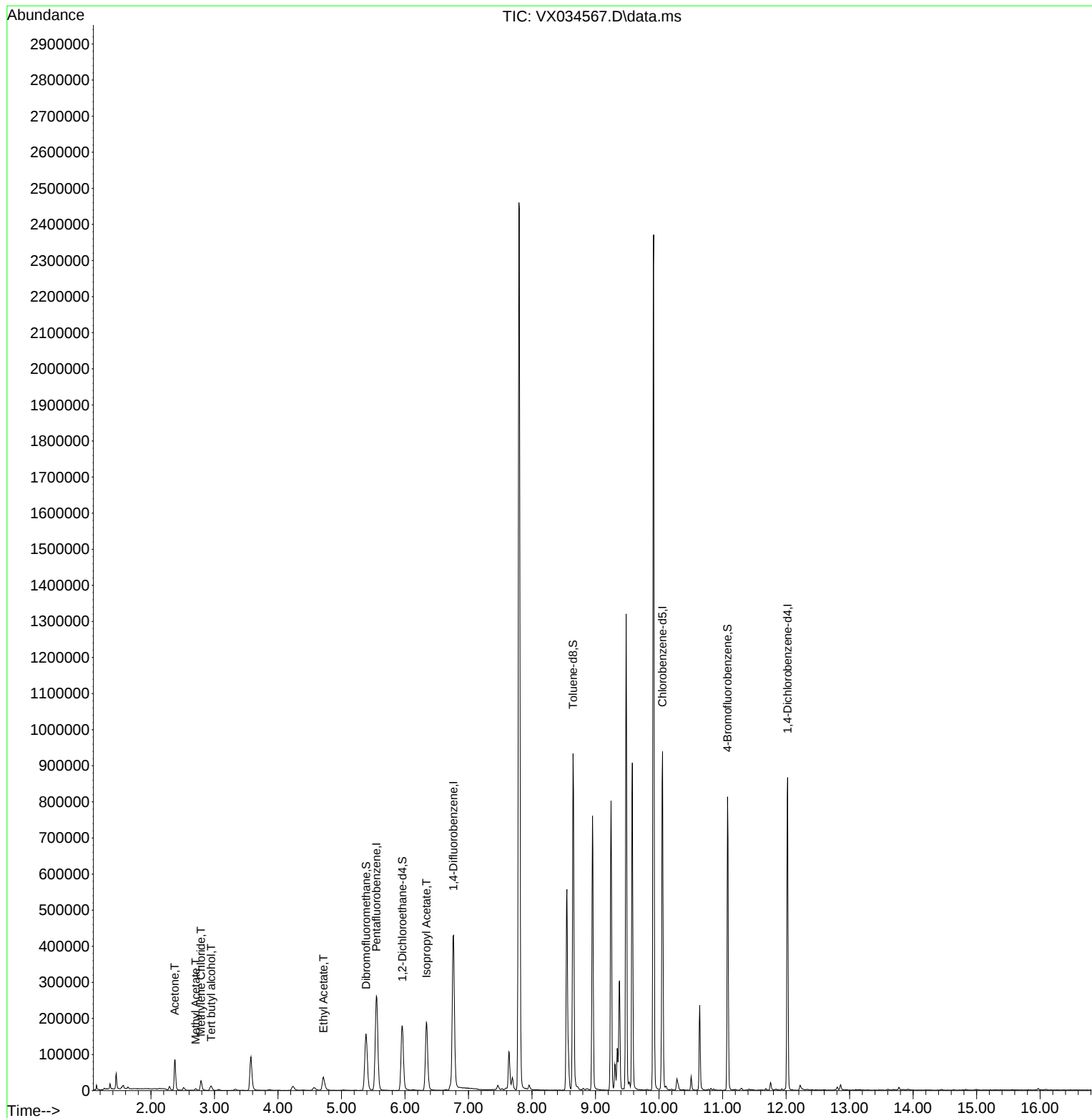
Internal Standards						
1) Pentafluorobenzene	5.550	168	248749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423135	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175417	48.474	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.940%
35) Dibromofluoromethane	5.385	113	134189	48.032	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	8.647	98	524808	50.321	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.640%
62) 4-Bromofluorobenzene	11.079	95	208084	49.396	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	9313	12.358	ug/l #	83
16) Acetone	2.373	43	90875	53.311	ug/l	99
18) Methyl Acetate	2.703	43	5943	1.067	ug/l	97
20) Methylene Chloride	2.788	84	12438	3.760	ug/l	97
37) Ethyl Acetate	4.714	43	65606	13.995	ug/l	99
43) Isopropyl Acetate	6.336	43	266839	33.601	ug/l	99

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

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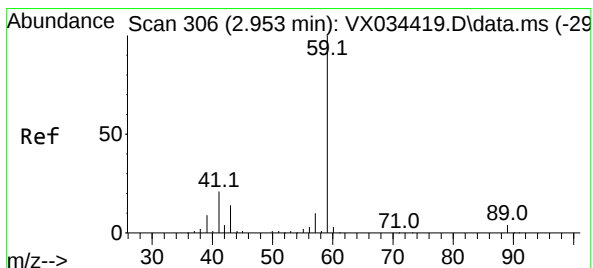
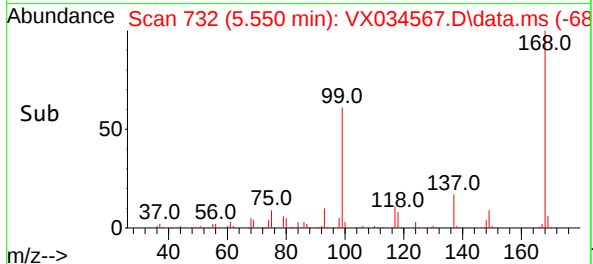
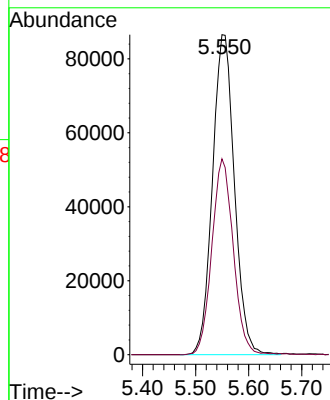
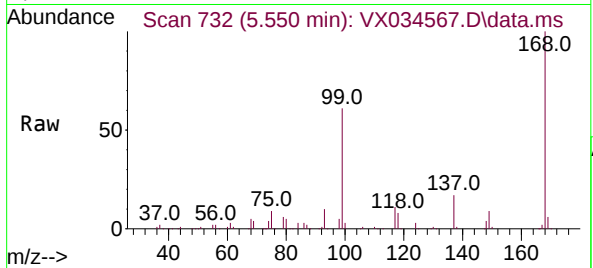




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034567.D
Acq: 17 Mar 2023 06:25

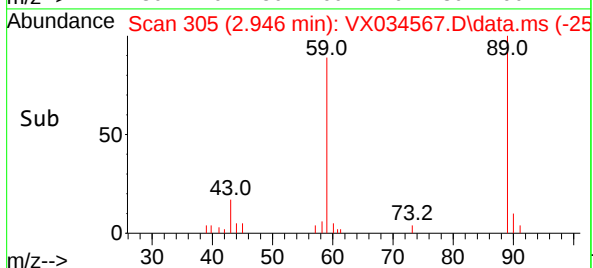
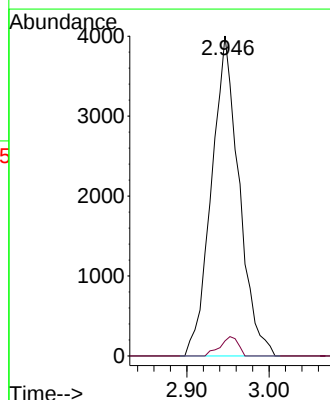
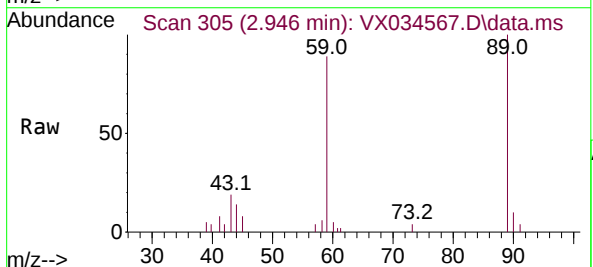
Instrument :
MSVOA_X
ClientSampleId :
33962

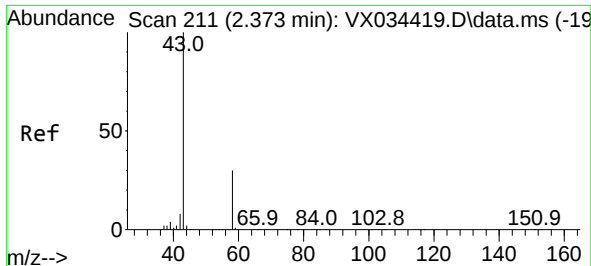
Tgt Ion:168 Resp: 248749
Ion Ratio Lower Upper
168 100
99 61.2 45.7 68.5



#11
Tert butyl alcohol
Concen: 12.358 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034567.D
Acq: 17 Mar 2023 06:25

Tgt Ion: 59 Resp: 9313
Ion Ratio Lower Upper
59 100
57 4.0 8.1 12.1#

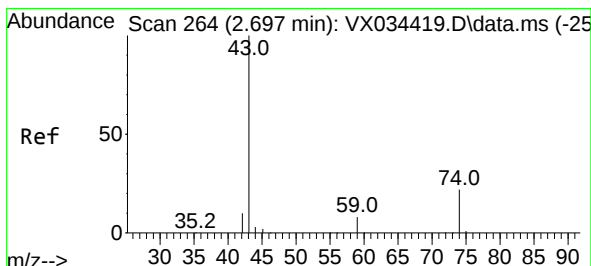
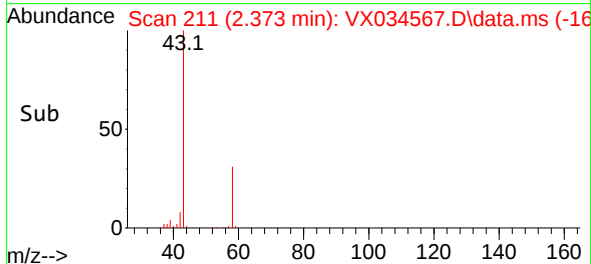
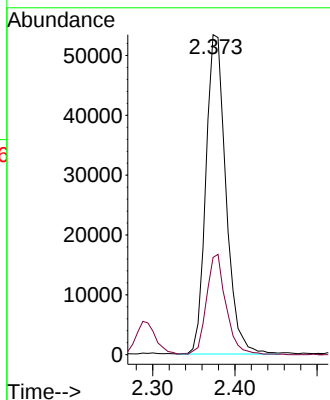
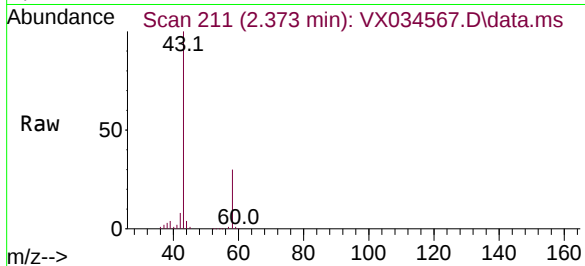




#16
Acetone
Concen: 53.311 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034567.D
Acq: 17 Mar 2023 06:25

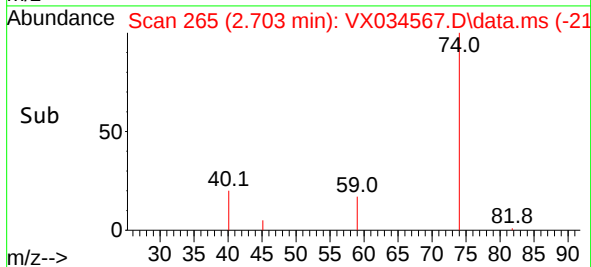
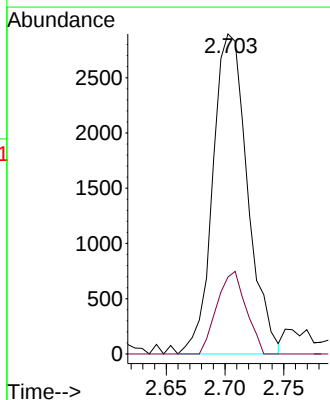
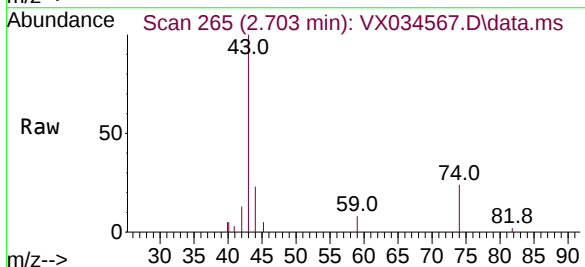
Instrument :
MSVOA_X
ClientSampleId :
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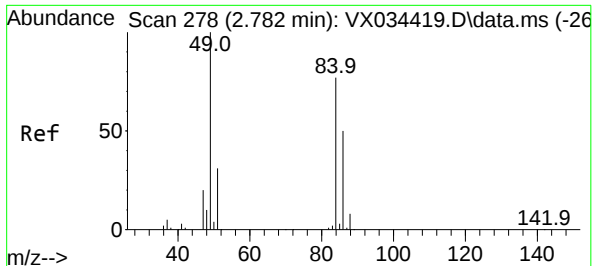
Tgt Ion: 43 Resp: 90875
Ion Ratio Lower Upper
43 100
58 30.3 24.7 37.1



#18
Methyl Acetate
Concen: 1.067 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034567.D
Acq: 17 Mar 2023 06:25

Tgt Ion: 43 Resp: 5943
Ion Ratio Lower Upper
43 100
74 21.5 18.3 27.5

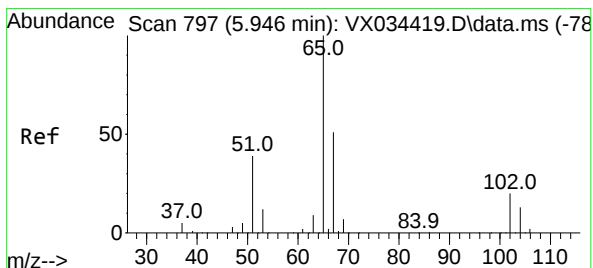
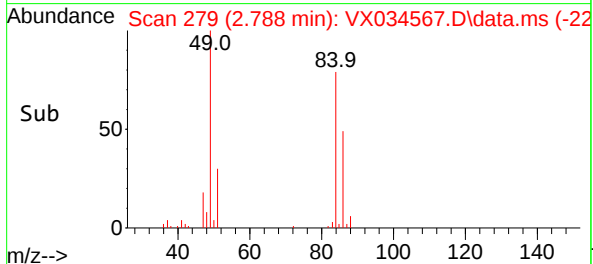
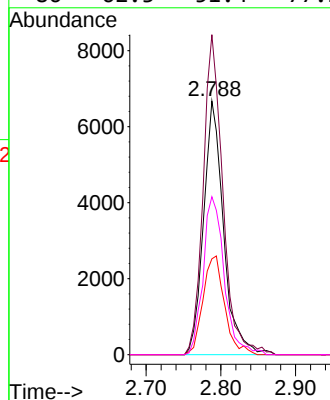
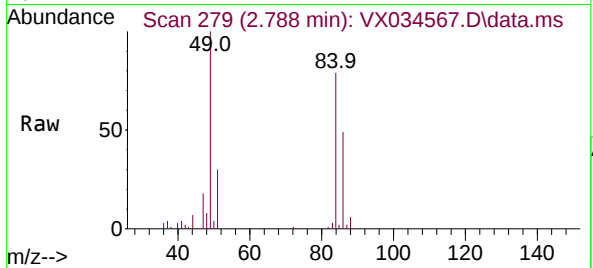




#20
Methylene Chloride
Concen: 3.760 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034567.D
Acq: 17 Mar 2023 06:25

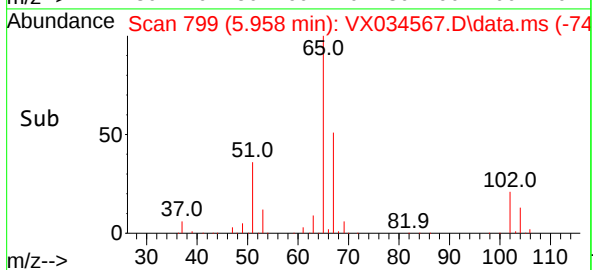
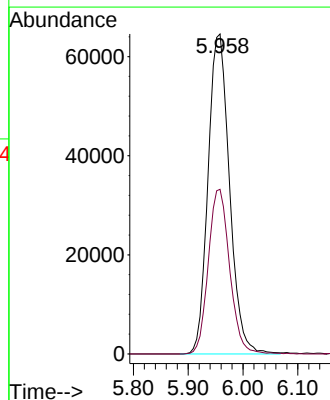
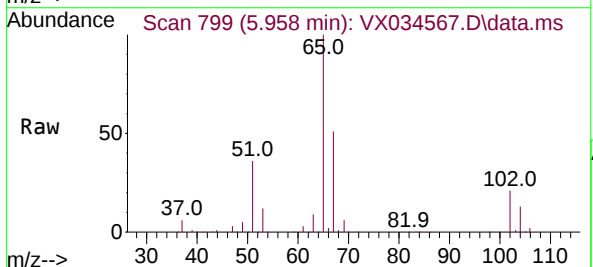
Instrument :
MSVOA_X
ClientSampleId :
33962

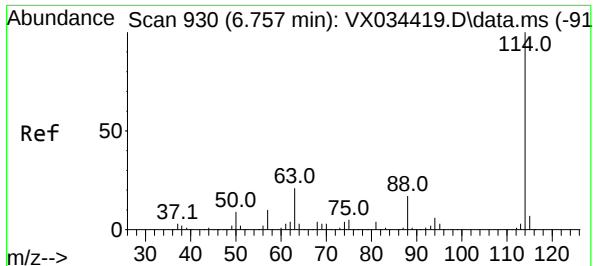
Tgt Ion:	84	Resp:	12438
Ion	Ratio	Lower	Upper
84	100		
49	126.2	103.8	155.8
51	37.8	31.8	47.8
86	62.3	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 48.474 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034567.D
Acq: 17 Mar 2023 06:25

Tgt Ion:	65	Resp:	175417
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.0

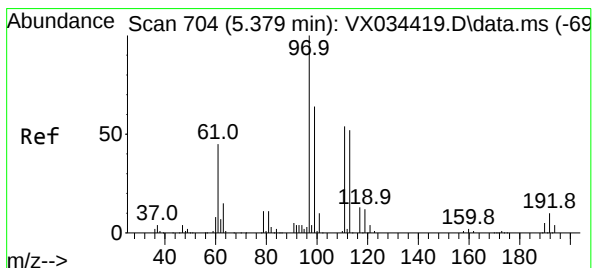
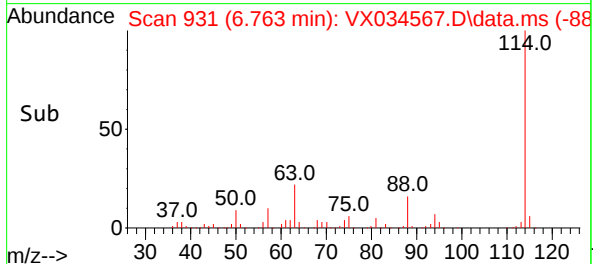
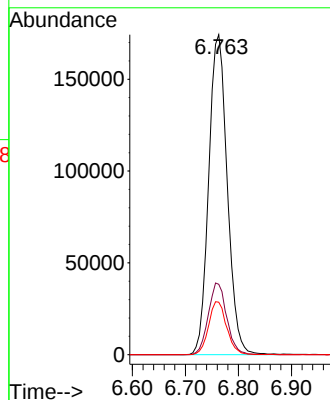
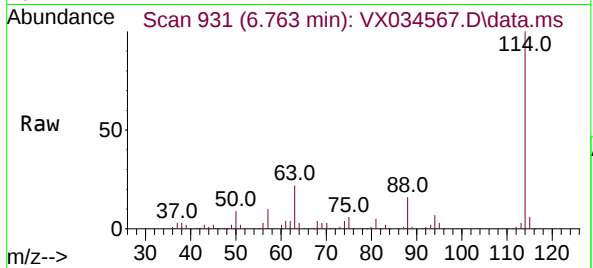




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034567.D
Acq: 17 Mar 2023 06:25

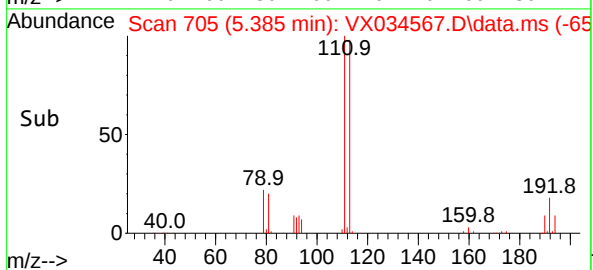
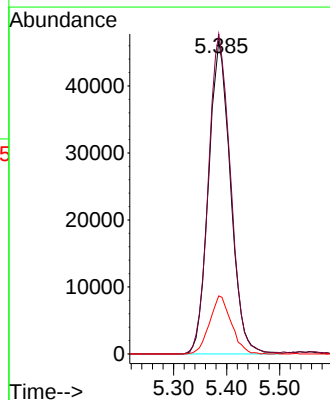
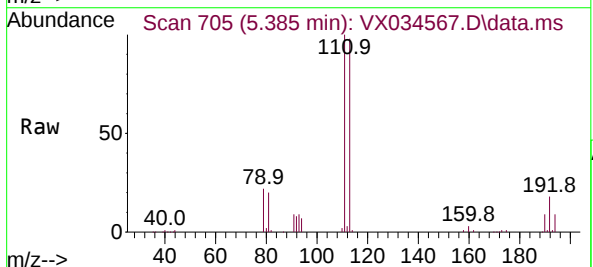
Instrument :
MSVOA_X
ClientSampleId :
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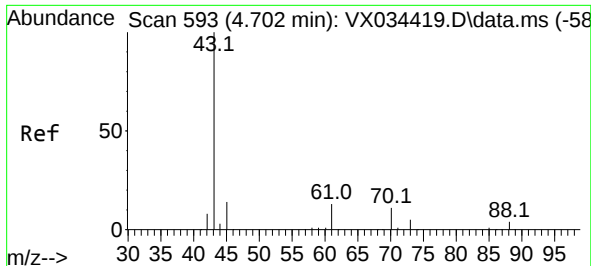
Tgt Ion:114 Resp: 423135
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.032 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034567.D
Acq: 17 Mar 2023 06:25

Tgt Ion:113 Resp: 134189
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 18.4 15.4 23.2





#37

Ethyl Acetate

Concen: 13.995 ug/l

RT: 4.714 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034567.D

Acq: 17 Mar 2023 06:25

Instrument :

MSVOA_X

ClientSampleId :

33962

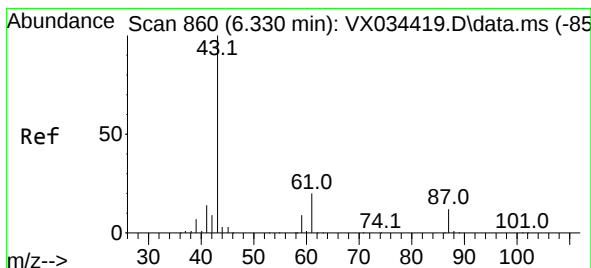
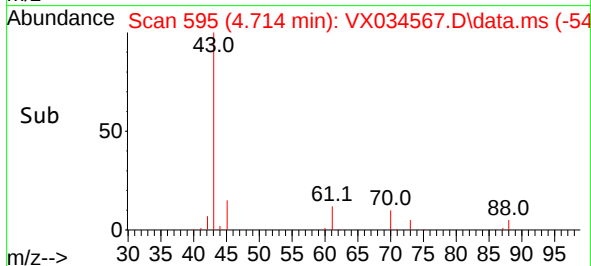
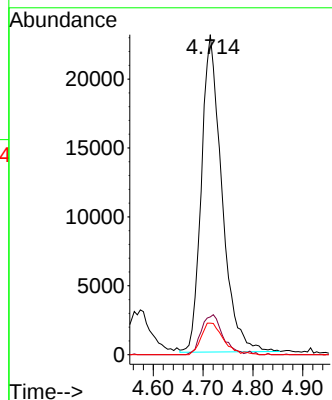
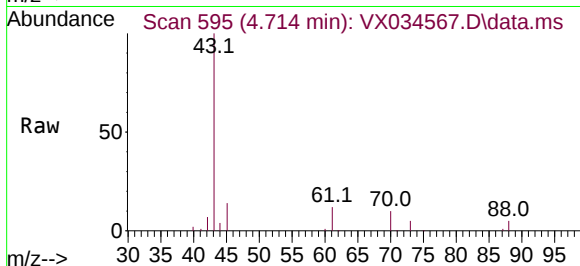
Tgt Ion: 43 Resp: 65606

Ion Ratio Lower Upper

43 100

61 13.1 10.2 15.4

70 10.8 8.2 12.4



#43

Isopropyl Acetate

Concen: 33.601 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX034567.D

Acq: 17 Mar 2023 06:25

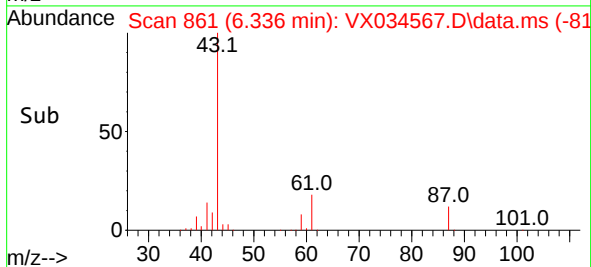
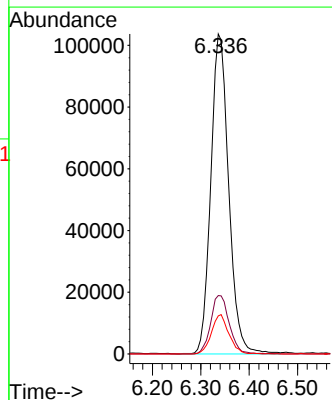
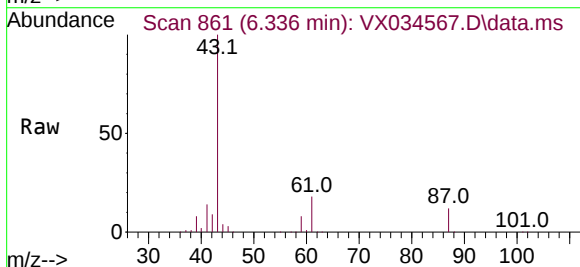
Tgt Ion: 43 Resp: 266839

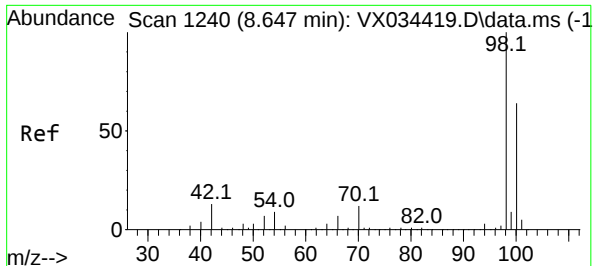
Ion Ratio Lower Upper

43 100

61 18.9 15.2 22.8

87 11.9 9.8 14.8

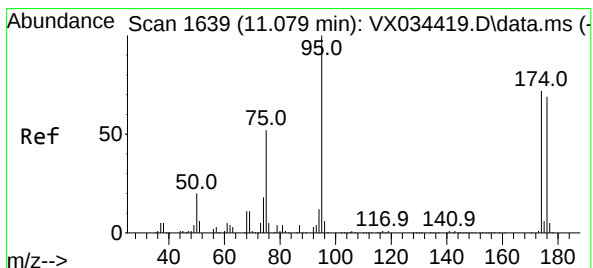
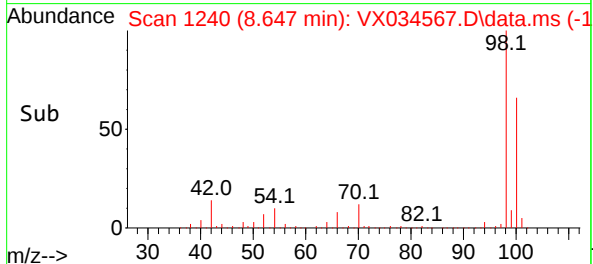
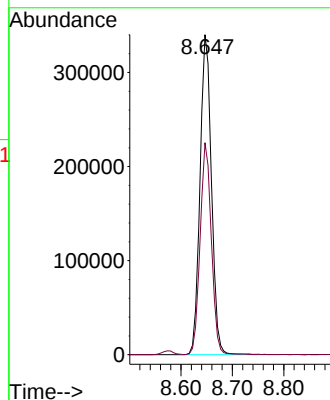
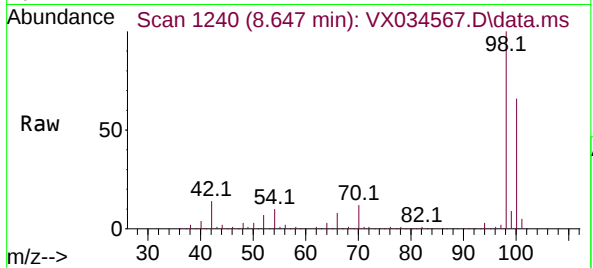




#50
Toluene-d8
Concen: 50.321 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034567.D
Acq: 17 Mar 2023 06:25

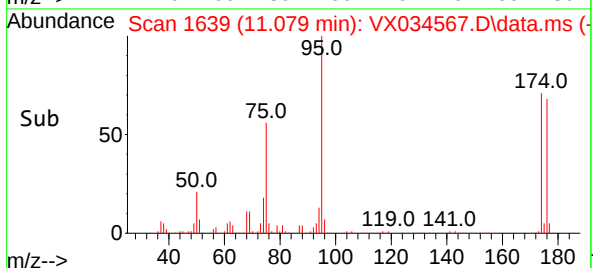
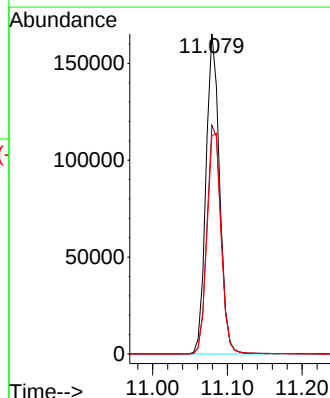
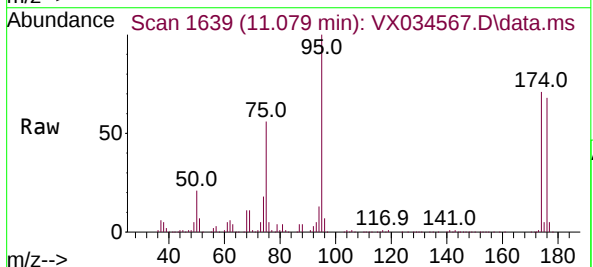
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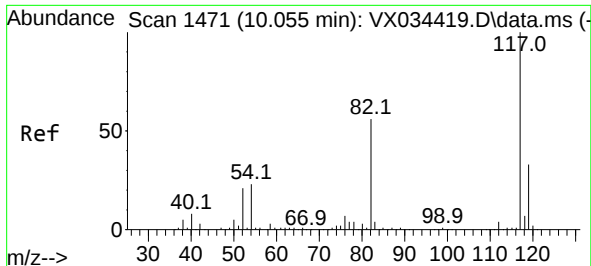
Tgt Ion: 98 Resp: 524808
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.396 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034567.D
Acq: 17 Mar 2023 06:25

Tgt Ion: 95 Resp: 208084
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.4
176 72.1 0.0 140.6

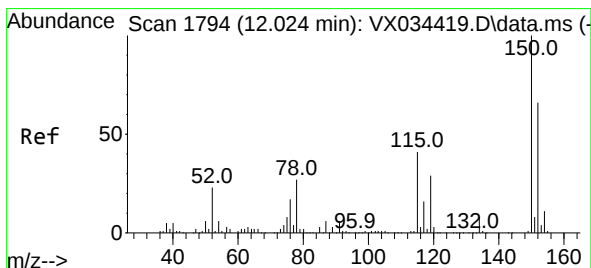
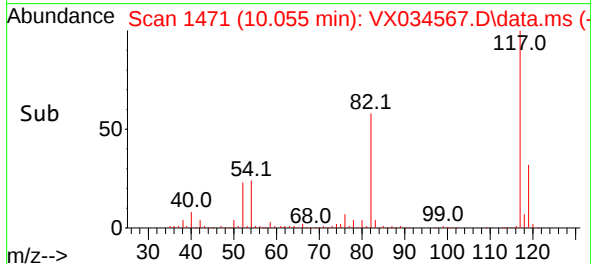
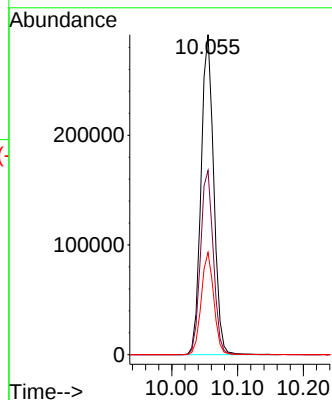
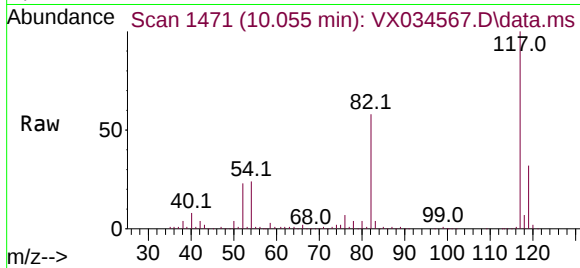




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034567.D
Acq: 17 Mar 2023 06:25

Instrument :
MSVOA_X
ClientSampleId :
33962

Tgt Ion:117 Resp: 390893
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.4
119 32.0 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: VX034567.D
Acq: 17 Mar 2023 06:25

Tgt Ion:152 Resp: 174511
Ion Ratio Lower Upper
152 100
115 60.1 45.0 135.0
150 155.0 0.0 352.4

