

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035541.D
 Acq On : 05 May 2023 17:11
 Operator : JC/MD
 Sample : PB152615TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB152615TB

Quant Time: May 08 00:52:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

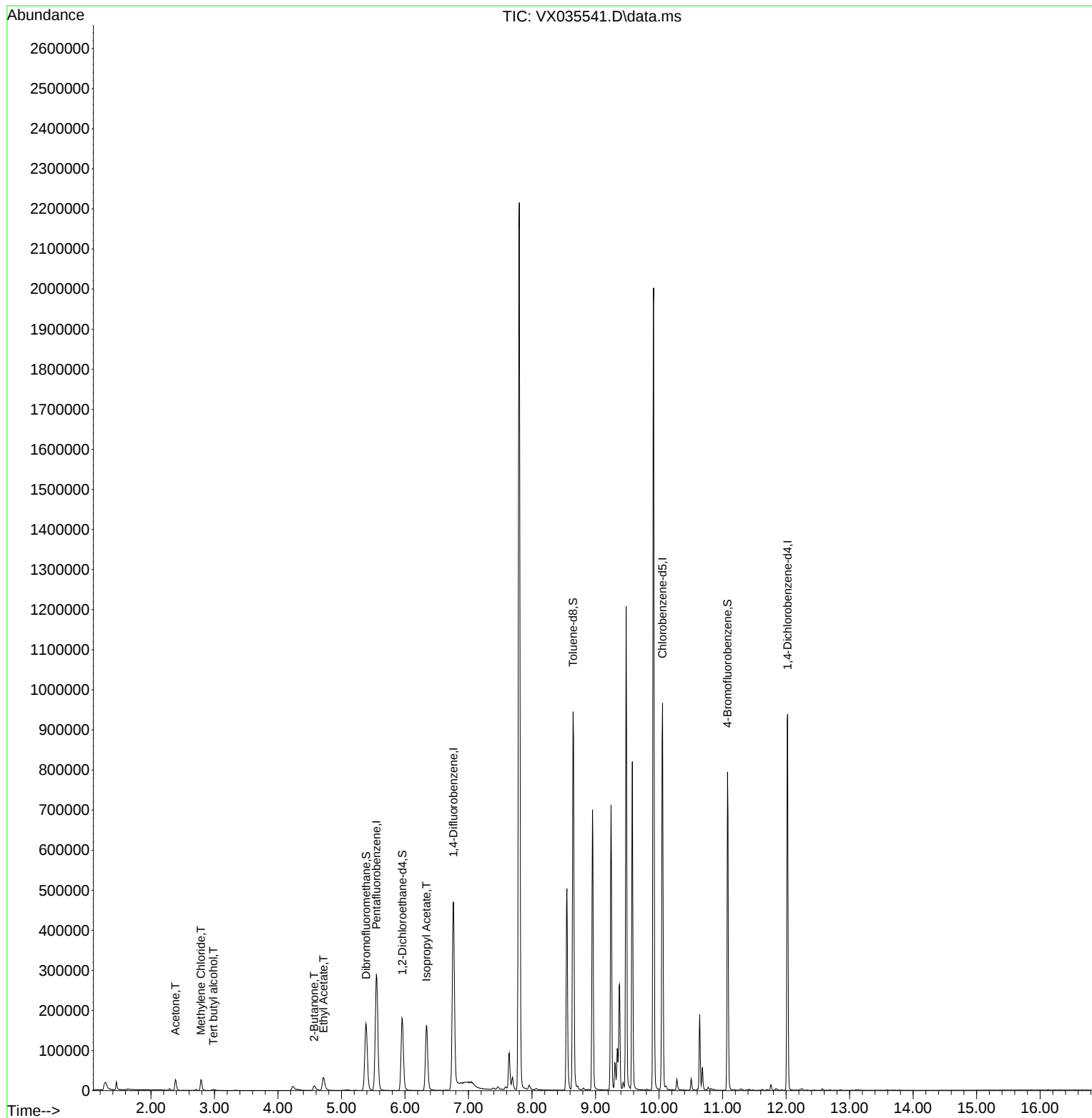
Internal Standards						
1) Pentafluorobenzene	5.550	168	282764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	477477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	435745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174775	51.233	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.460%	
35) Dibromofluoromethane	5.385	113	147615	50.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.740%	
50) Toluene-d8	8.647	98	563021	50.928	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	11.079	95	217271	52.244	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.480%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.983	59	4540	7.309	ug/l #	90
16) Acetone	2.386	43	32520	21.949	ug/l	99
20) Methylene Chloride	2.788	84	12139	3.573	ug/l	93
25) 2-Butanone	4.568	43	23517	10.875	ug/l	100
37) Ethyl Acetate	4.714	43	58319	13.954	ug/l #	95
43) Isopropyl Acetate	6.336	43	226268	32.219	ug/l	97

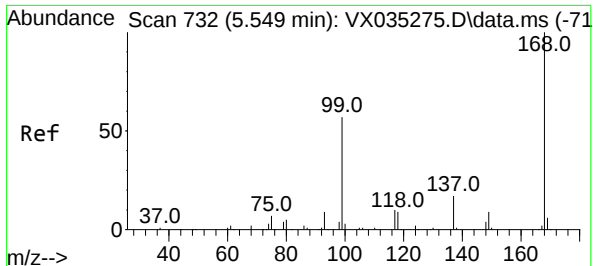
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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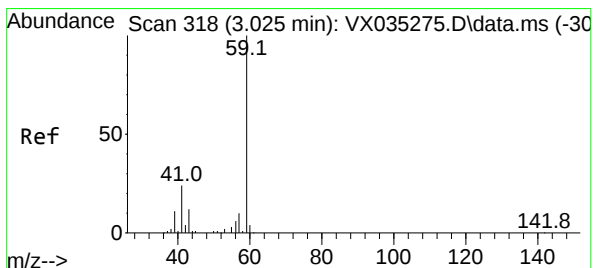
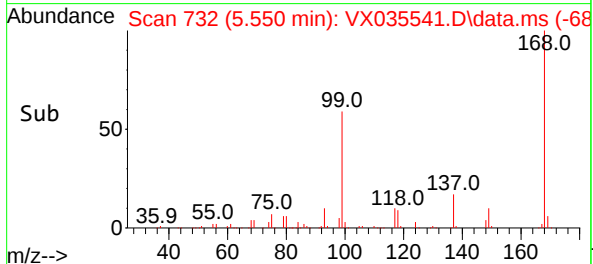
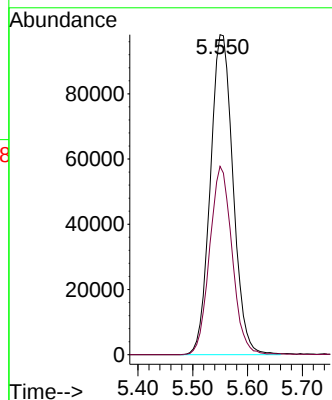
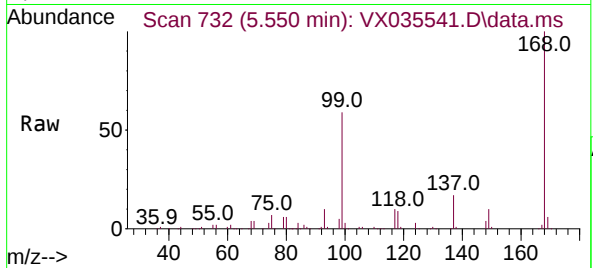




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035541.D
Acq: 05 May 2023 17:11

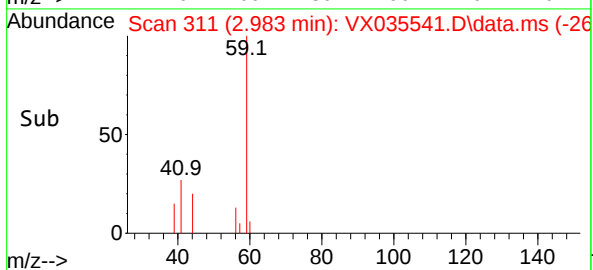
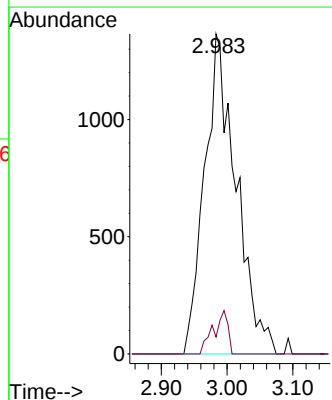
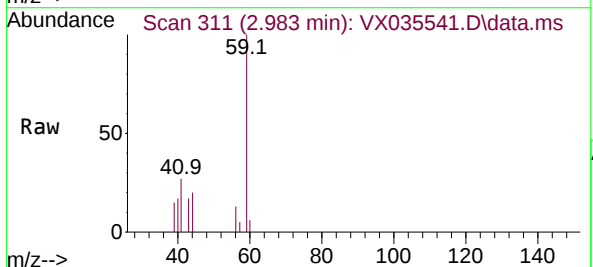
Instrument :
MSVOA_X
ClientSampleId :
PB152615TB

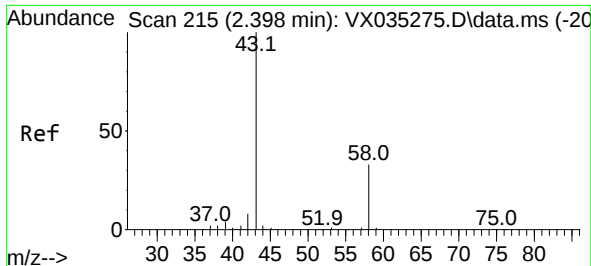
Tgt Ion:168 Resp: 282764
Ion Ratio Lower Upper
168 100
99 58.8 45.7 68.5



#11
Tert butyl alcohol
Concen: 7.309 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.042 min
Lab File: VX035541.D
Acq: 05 May 2023 17:11

Tgt Ion: 59 Resp: 4540
Ion Ratio Lower Upper
59 100
57 6.3 8.1 12.1#

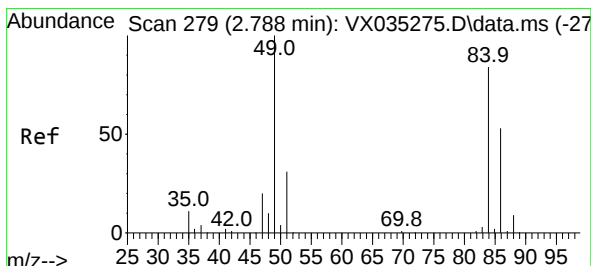
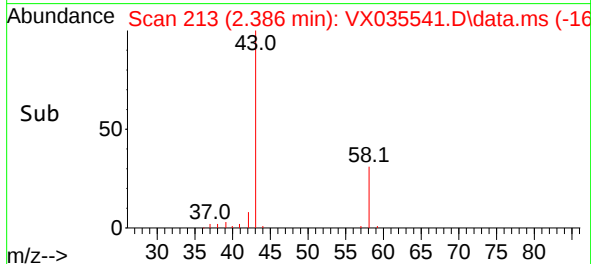
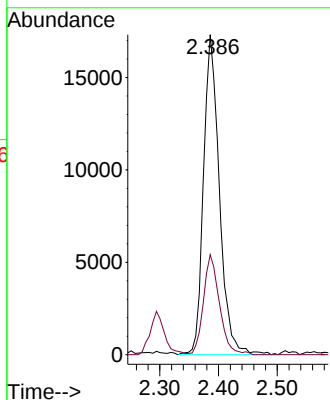
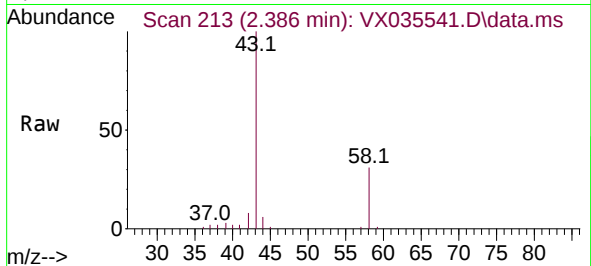




#16
Acetone
Concen: 21.949 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX035541.D
Acq: 05 May 2023 17:11

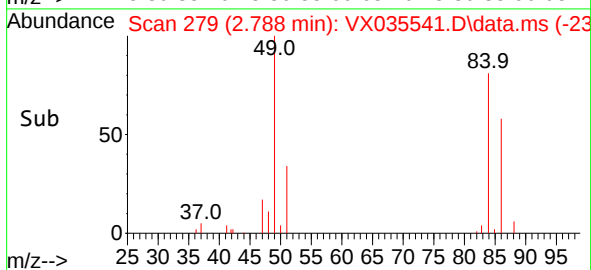
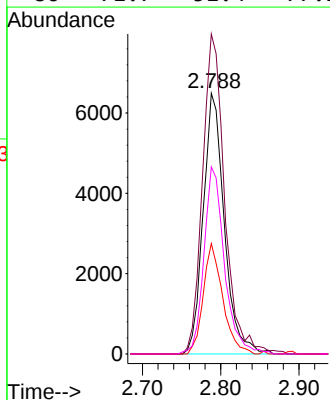
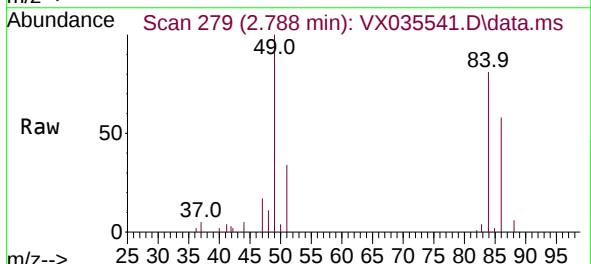
Instrument :
MSVOA_X
ClientSampleId :
PB152615TB

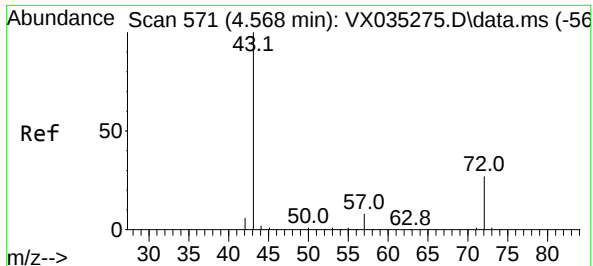
Tgt Ion: 43 Resp: 32520
Ion Ratio Lower Upper
43 100
58 31.2 24.7 37.1



#20
Methylene Chloride
Concen: 3.573 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035541.D
Acq: 05 May 2023 17:11

Tgt Ion: 84 Resp: 12139
Ion Ratio Lower Upper
84 100
49 122.8 103.8 155.8
51 42.3 31.8 47.8
86 71.7 51.4 77.2

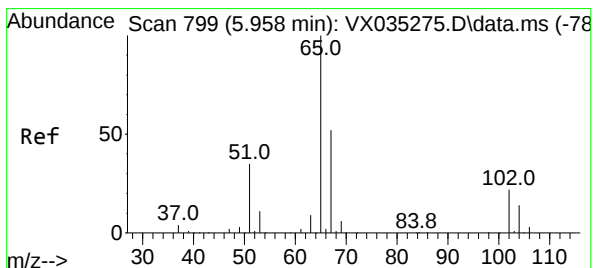
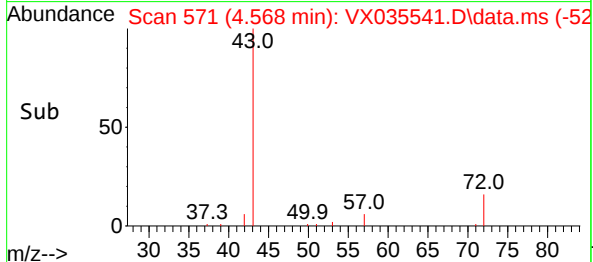
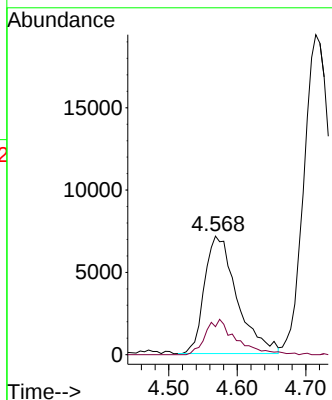
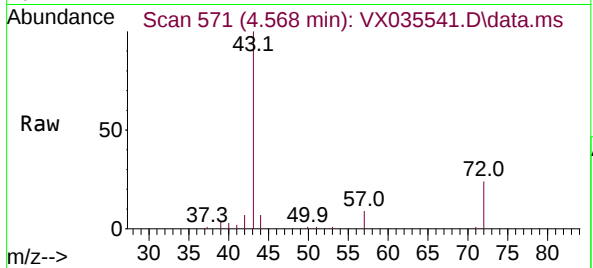




#25
2-Butanone
Concen: 10.875 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035541.D
Acq: 05 May 2023 17:11

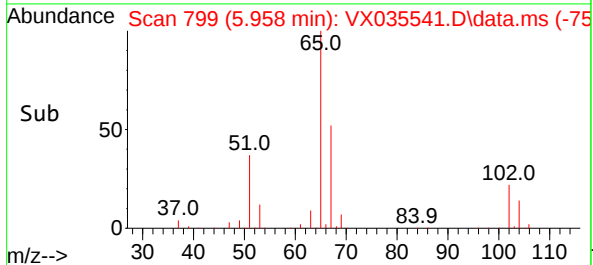
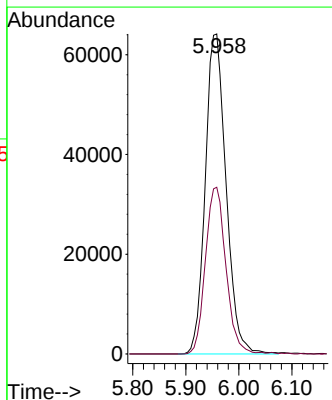
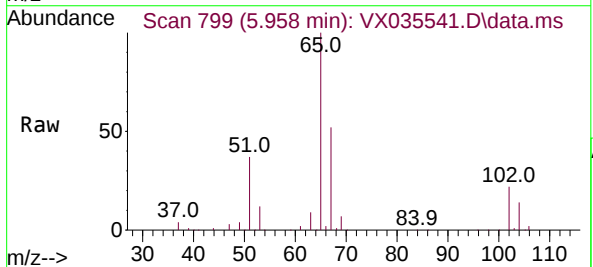
Instrument :
MSVOA_X
ClientSampleId :
PB152615TB

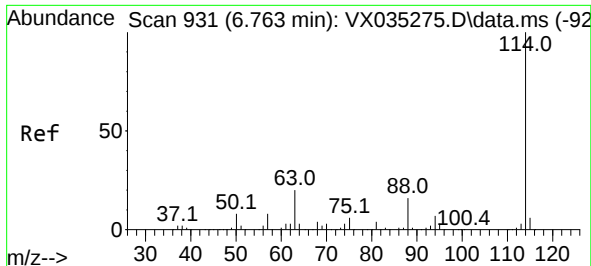
Tgt Ion: 43 Resp: 23517
Ion Ratio Lower Upper
43 100
72 23.9 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 51.233 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035541.D
Acq: 05 May 2023 17:11

Tgt Ion: 65 Resp: 174775
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

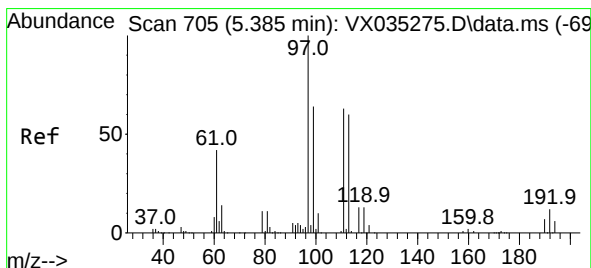
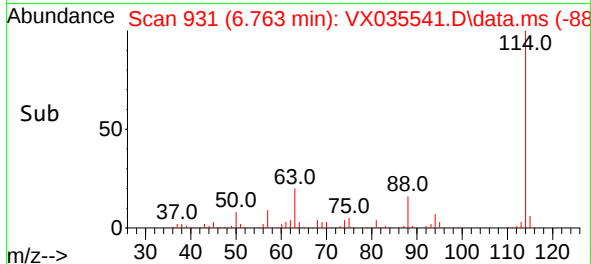
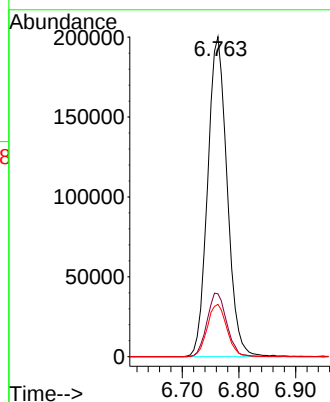
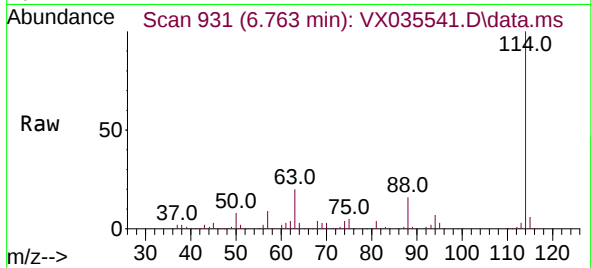




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX035541.D
 Acq: 05 May 2023 17:11

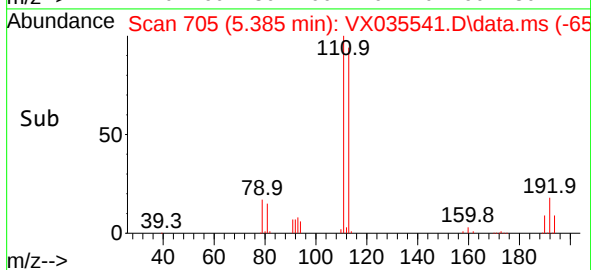
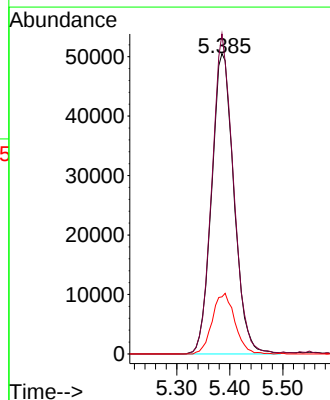
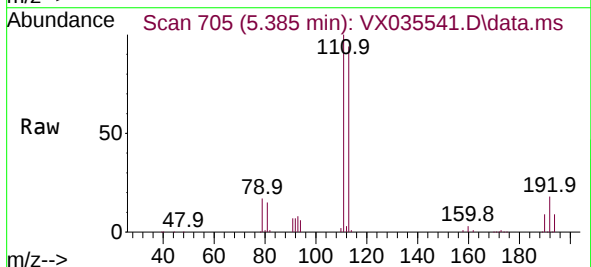
Instrument :
 MSVOA_X
 ClientSampleId :
 PB152615TB

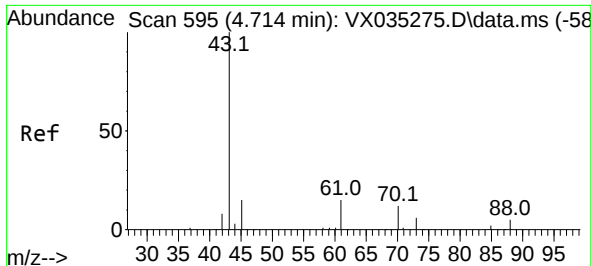
Tgt Ion:114 Resp: 477477
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.2
 88 16.4 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 50.370 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035541.D
 Acq: 05 May 2023 17:11

Tgt Ion:113 Resp: 147615
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.7 125.5
 192 20.4 15.4 23.2





#37

Ethyl Acetate

Concen: 13.954 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX035541.D

Acq: 05 May 2023 17:11

Instrument :

MSVOA_X

ClientSampleId :

PB152615TB

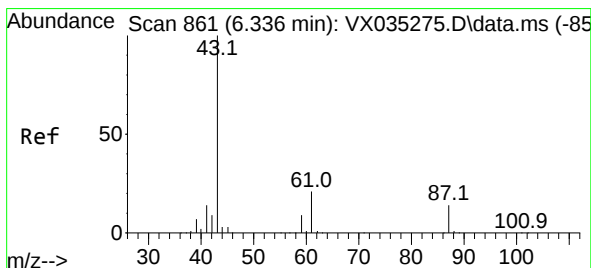
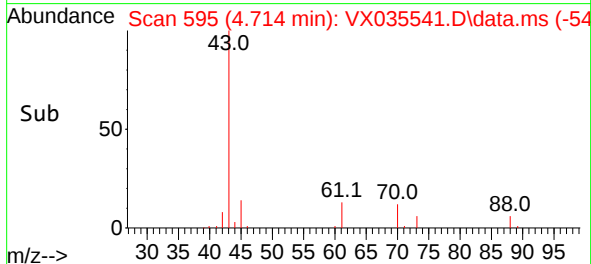
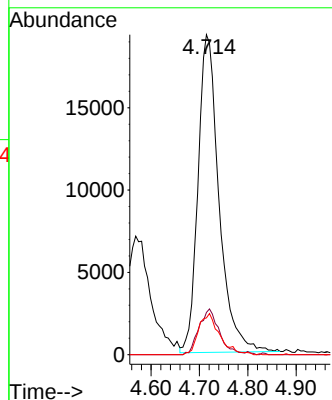
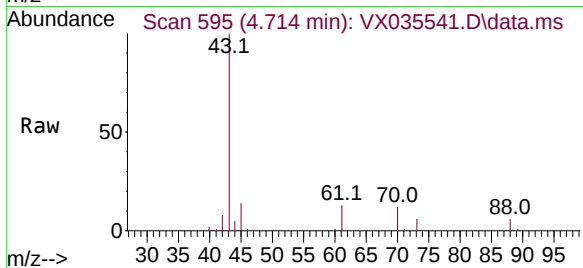
Tgt Ion: 43 Resp: 58319

Ion Ratio Lower Upper

43 100

61 13.9 10.2 15.4

70 13.0 8.2 12.4#



#43

Isopropyl Acetate

Concen: 32.219 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035541.D

Acq: 05 May 2023 17:11

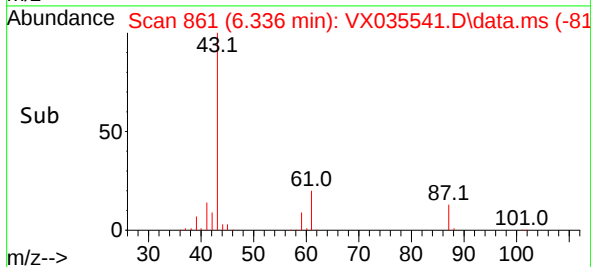
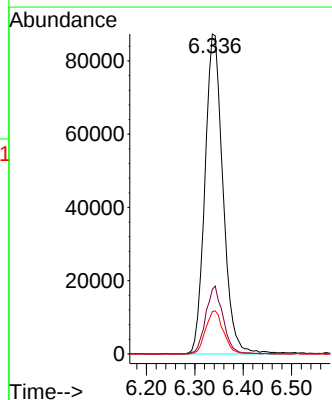
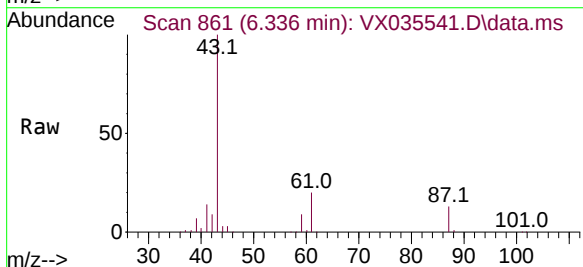
Tgt Ion: 43 Resp: 226268

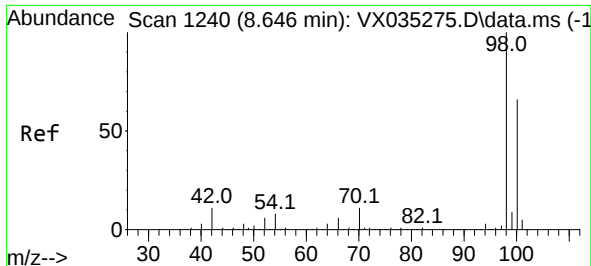
Ion Ratio Lower Upper

43 100

61 20.4 15.2 22.8

87 13.3 9.8 14.8

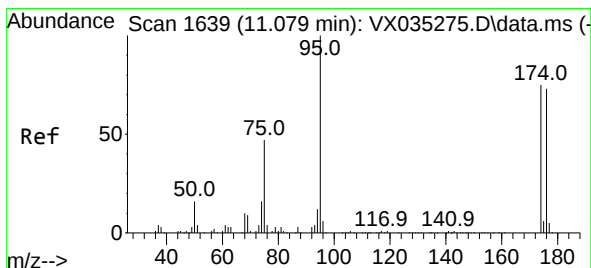
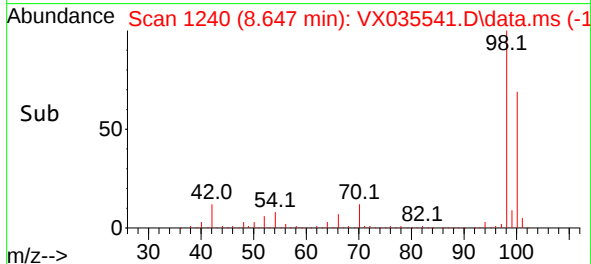
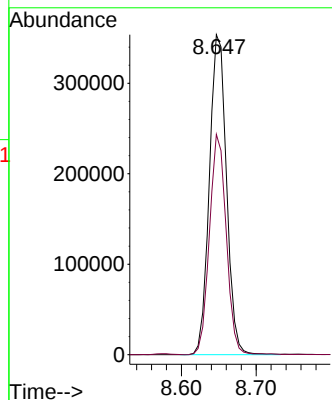
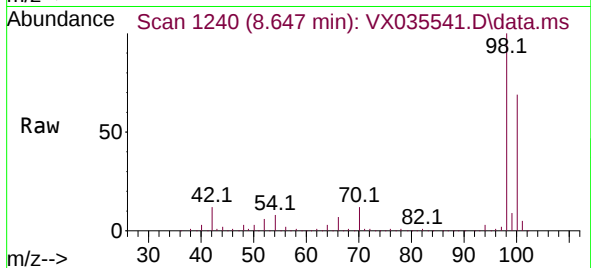




#50
Toluene-d8
Concen: 50.928 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035541.D
Acq: 05 May 2023 17:11

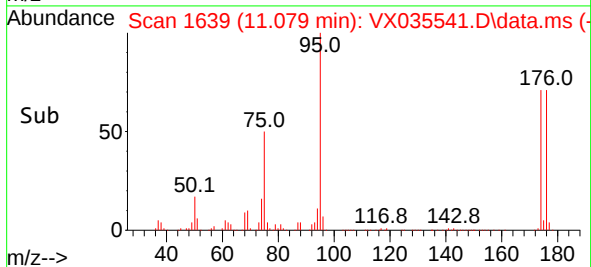
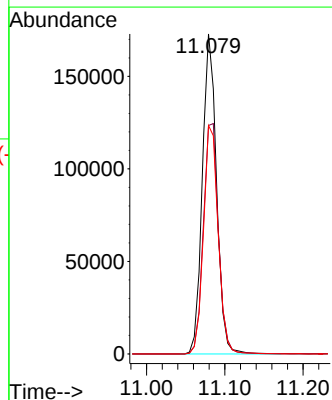
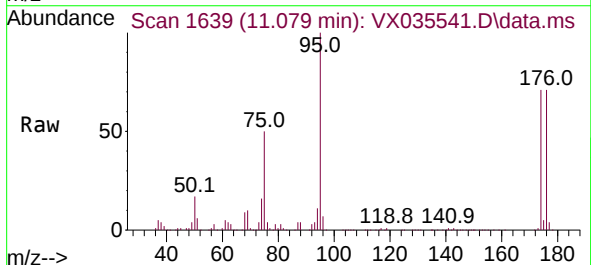
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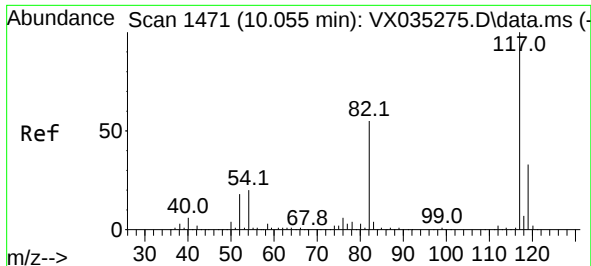
Tgt Ion: 98 Resp: 563021
Ion Ratio Lower Upper
98 100
100 67.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035541.D
Acq: 05 May 2023 17:11

Tgt Ion: 95 Resp: 217271
Ion Ratio Lower Upper
95 100
174 76.6 0.0 147.4
176 74.1 0.0 140.6

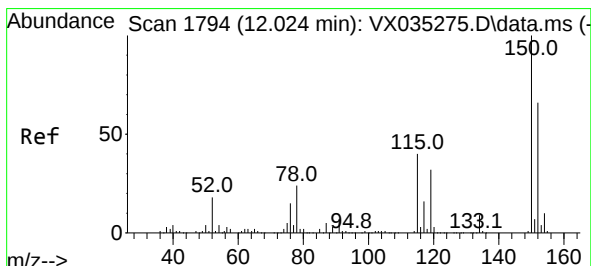
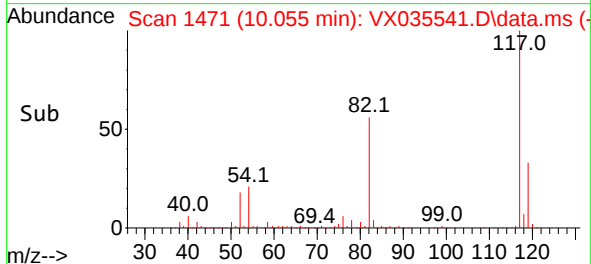
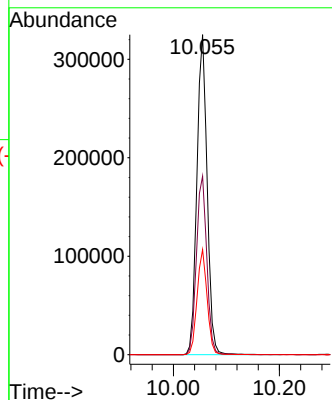
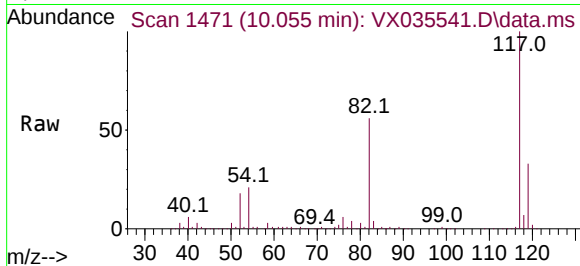




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035541.D
Acq: 05 May 2023 17:11

Instrument :
MSVOA_X
ClientSampleId :
PB152615TB

Tgt Ion:117 Resp: 435745
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 32.9 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: VX035541.D
Acq: 05 May 2023 17:11

Tgt Ion:152 Resp: 207119
Ion Ratio Lower Upper
152 100
115 59.7 45.0 135.0
150 155.0 0.0 352.4

