

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036216.D
 Acq On : 19 Jun 2023 19:12
 Operator : JC/MD
 Sample : PB153531ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153531ZHE#04

Quant Time: Jun 20 03:47:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

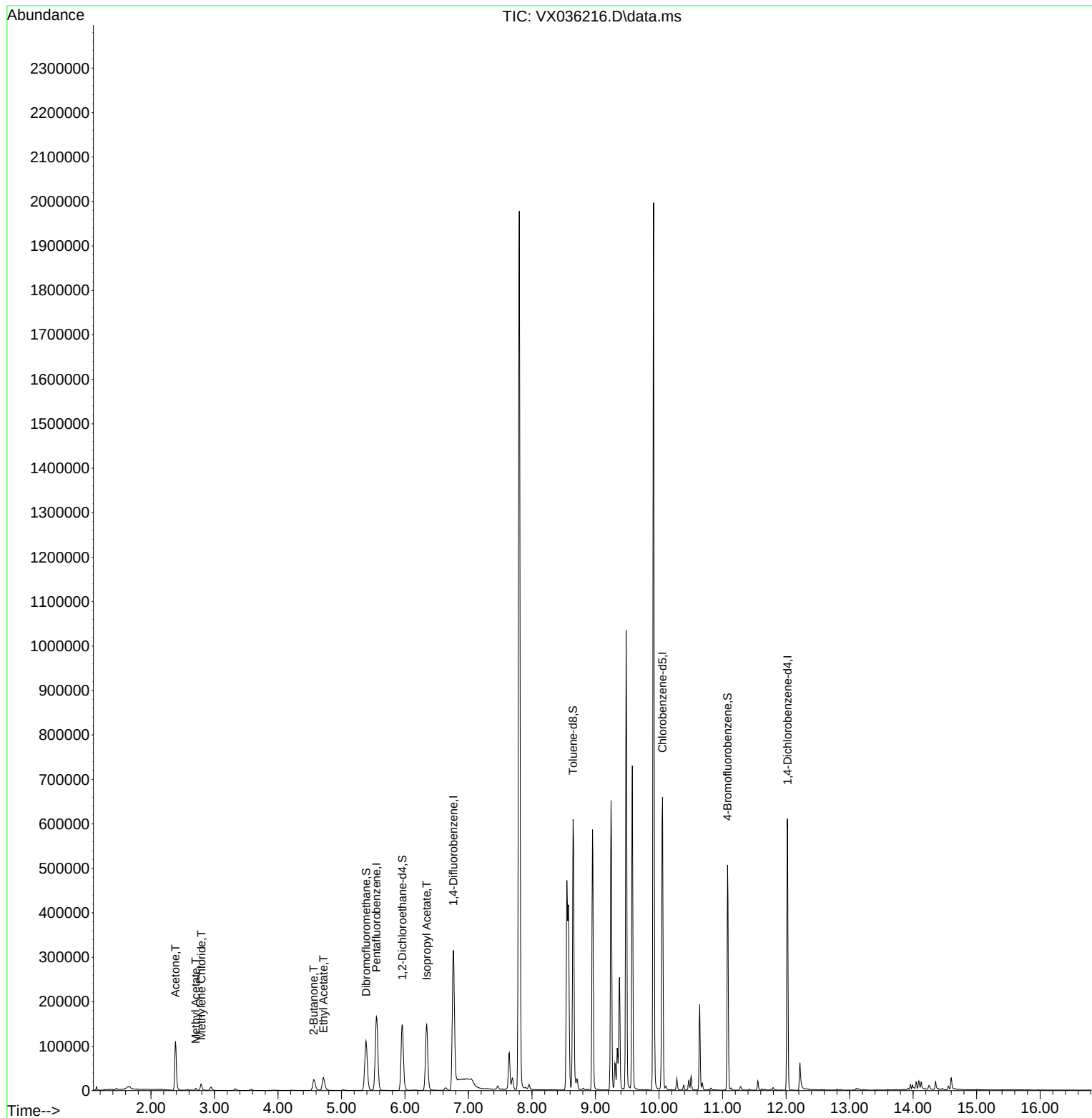
Internal Standards						
1) Pentafluorobenzene	5.550	168	139235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153778	60.437	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 120.880%#		
35) Dibromofluoromethane	5.385	113	96008	49.959	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.920%		
50) Toluene-d8	8.647	98	337153	47.962	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.920%		
62) 4-Bromofluorobenzene	11.079	95	132659	46.751	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.500%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	131569	124.459	ug/l	97
18) Methyl Acetate	2.703	43	5658	1.411	ug/l	95
20) Methylene Chloride	2.794	84	6772	3.536	ug/l	94
25) 2-Butanone	4.562	43	41080	27.757	ug/l	93
37) Ethyl Acetate	4.714	43	52373	15.880	ug/l	99
43) Isopropyl Acetate	6.342	43	206440	40.901	ug/l	98

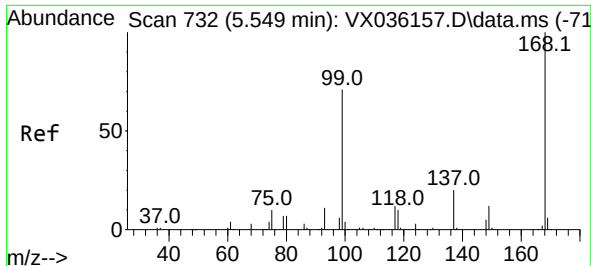
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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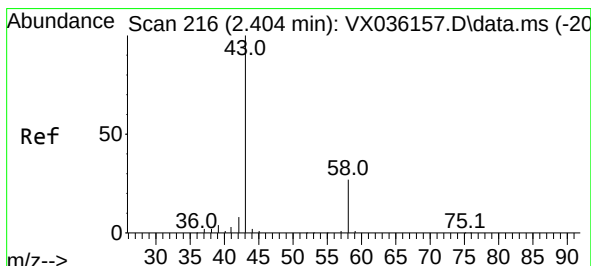
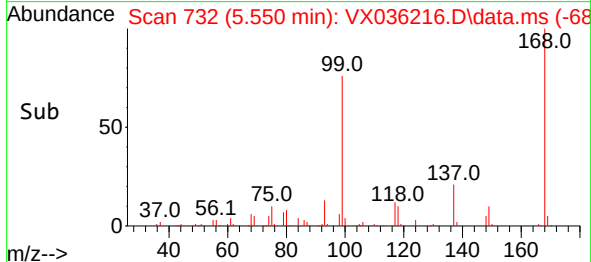
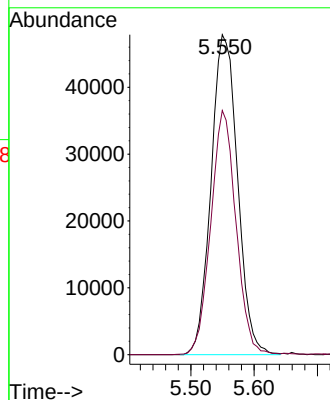
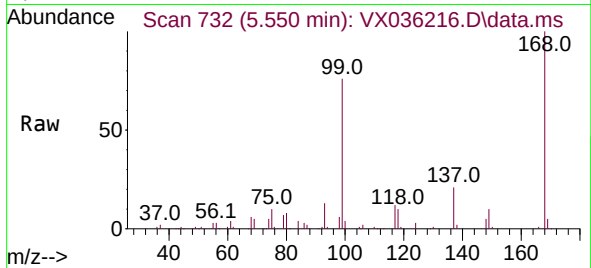




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036216.D
Acq: 19 Jun 2023 19:12

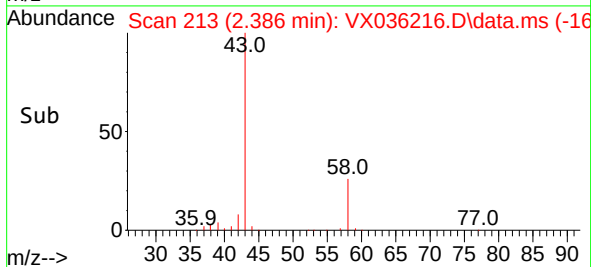
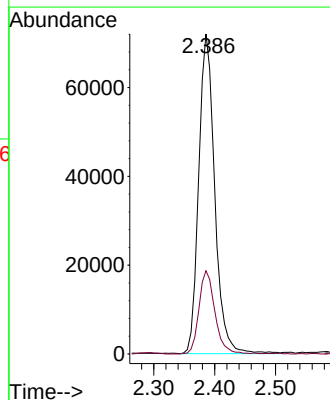
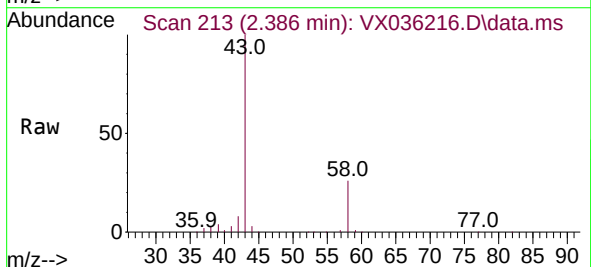
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#04

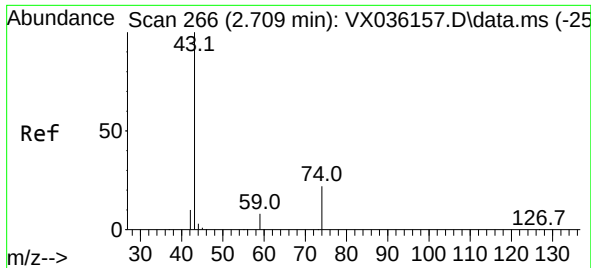
Tgt Ion:168 Resp: 139235
Ion Ratio Lower Upper
168 100
99 76.2 56.6 85.0



#16
Acetone
Concen: 124.459 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036216.D
Acq: 19 Jun 2023 19:12

Tgt Ion: 43 Resp: 131569
Ion Ratio Lower Upper
43 100
58 26.0 21.9 32.9

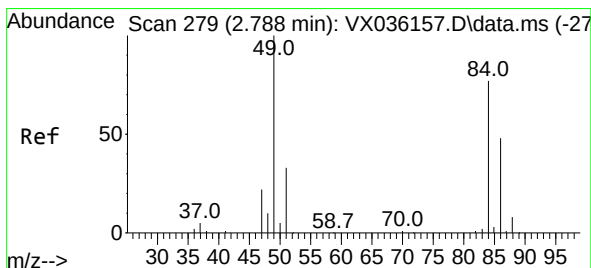
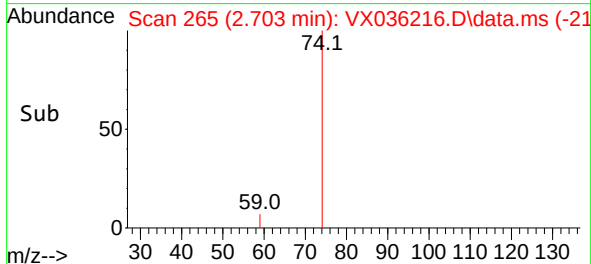
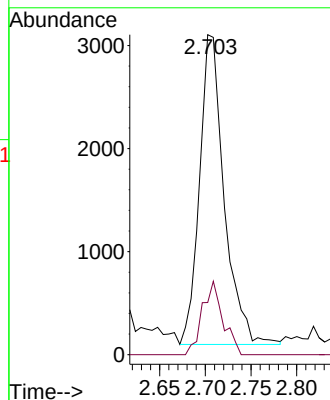
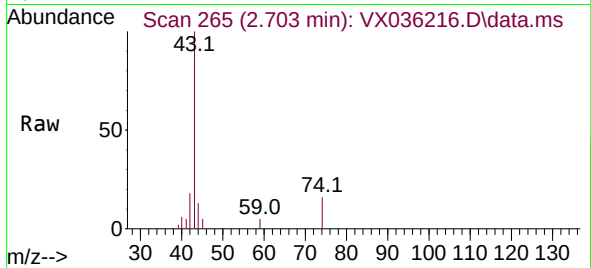




#18
Methyl Acetate
Concen: 1.411 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036216.D
Acq: 19 Jun 2023 19:12

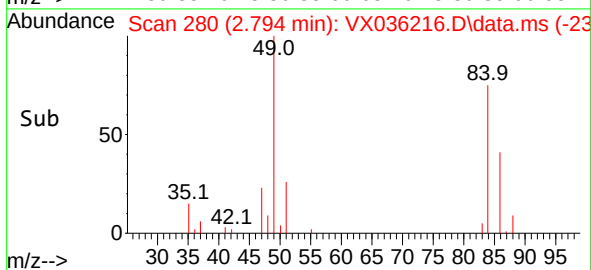
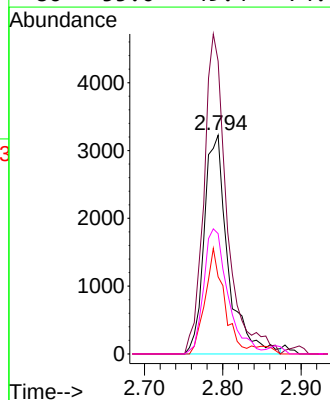
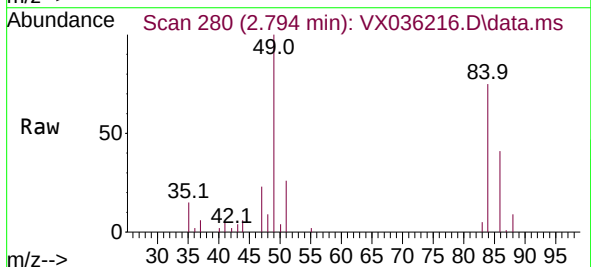
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#04

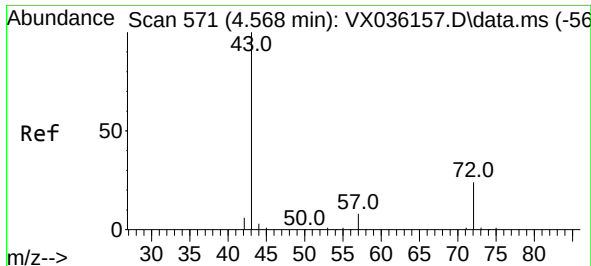
Tgt Ion: 43 Resp: 5658
Ion Ratio Lower Upper
43 100
74 19.7 17.8 26.8



#20
Methylene Chloride
Concen: 3.536 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036216.D
Acq: 19 Jun 2023 19:12

Tgt Ion: 84 Resp: 6772
Ion Ratio Lower Upper
84 100
49 133.9 103.6 155.4
51 35.2 33.8 50.6
86 55.0 49.4 74.0

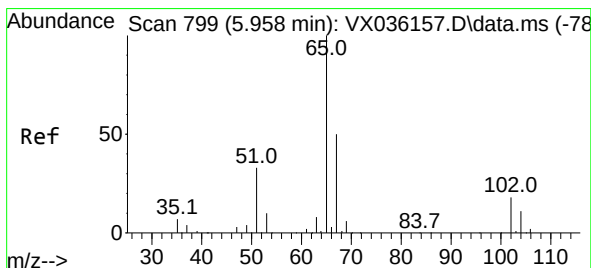
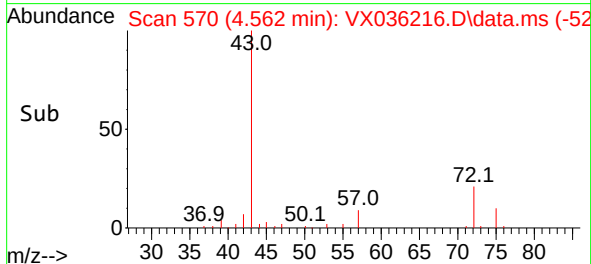
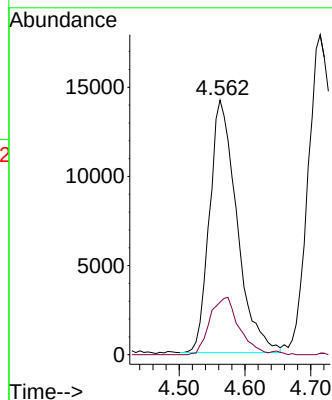
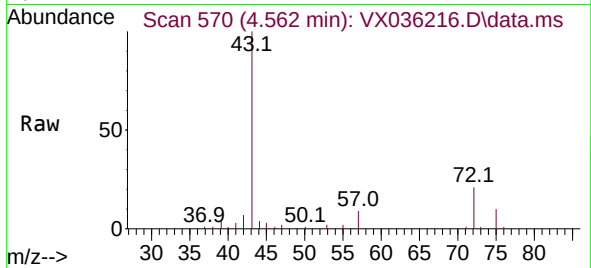




#25
2-Butanone
Concen: 27.757 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036216.D
Acq: 19 Jun 2023 19:12

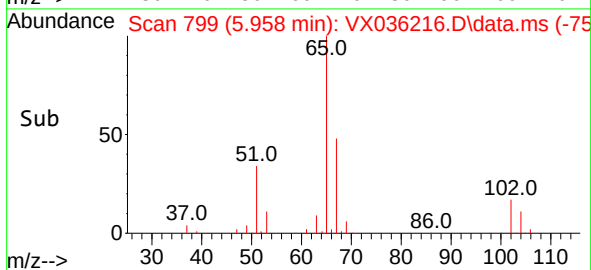
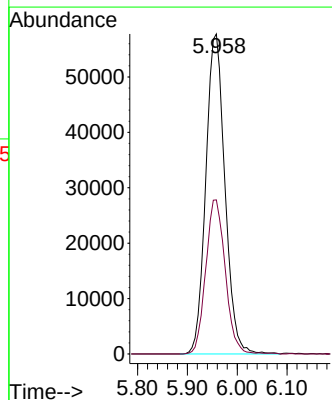
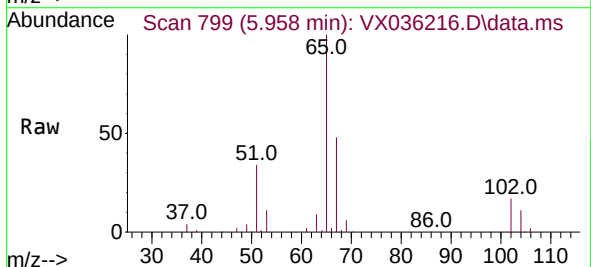
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#04

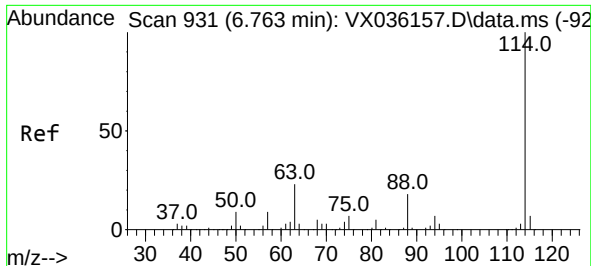
Tgt Ion: 43 Resp: 41080
Ion Ratio Lower Upper
43 100
72 20.8 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 60.437 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036216.D
Acq: 19 Jun 2023 19:12

Tgt Ion: 65 Resp: 153778
Ion Ratio Lower Upper
65 100
67 49.1 0.0 100.2

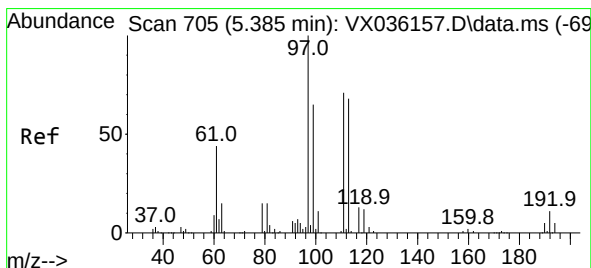
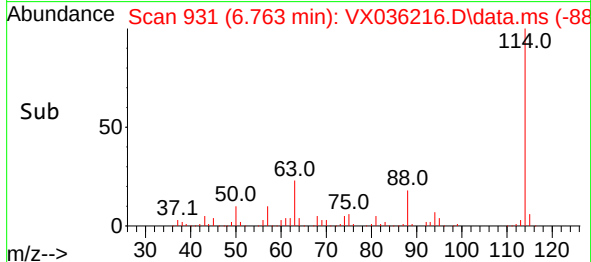
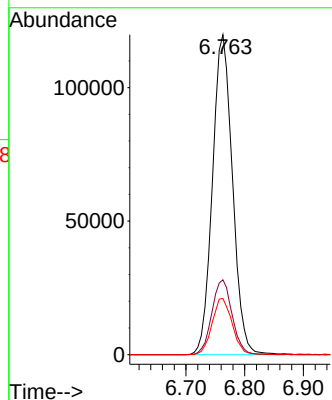
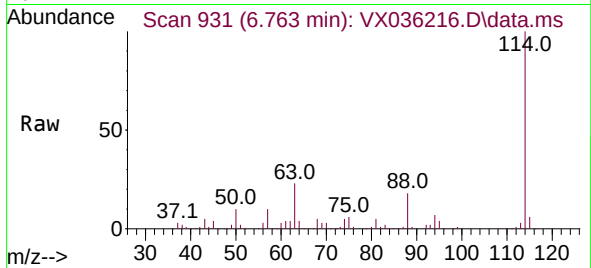




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036216.D
Acq: 19 Jun 2023 19:12

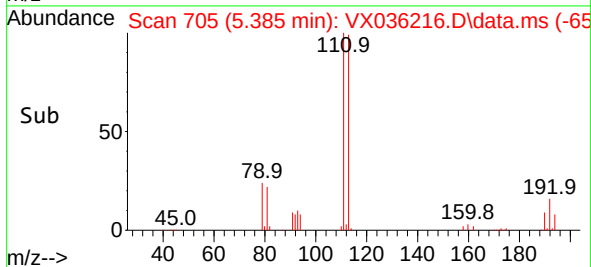
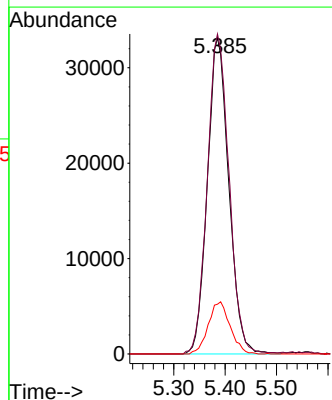
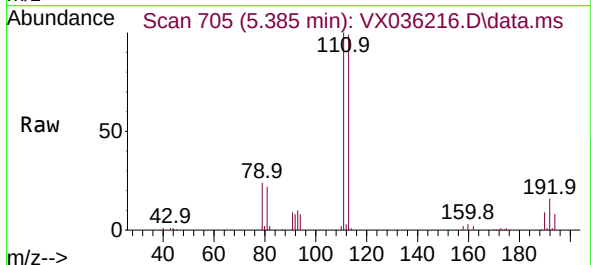
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#04

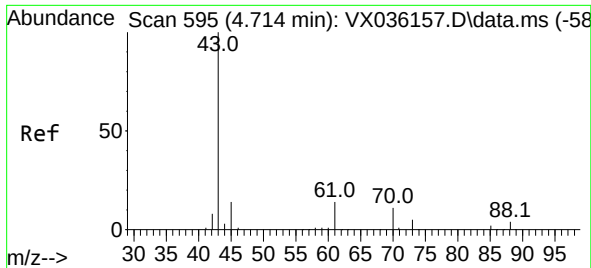
Tgt Ion:114 Resp: 283392
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.0
88 17.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.959 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036216.D
Acq: 19 Jun 2023 19:12

Tgt Ion:113 Resp: 96008
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 16.8 13.3 19.9





#37

Ethyl Acetate

Concen: 15.880 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036216.D

Acq: 19 Jun 2023 19:12

Instrument :

MSVOA_X

ClientSampleId :

PB153531ZHE#04

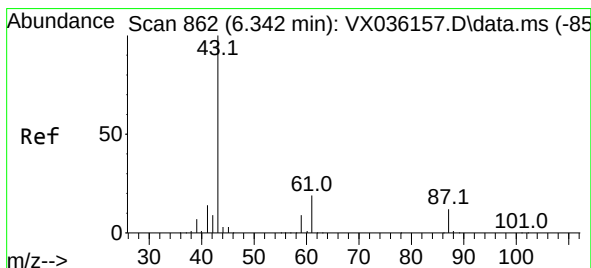
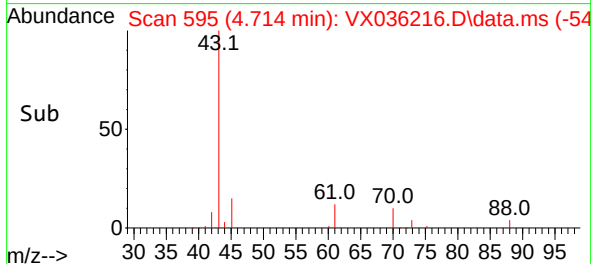
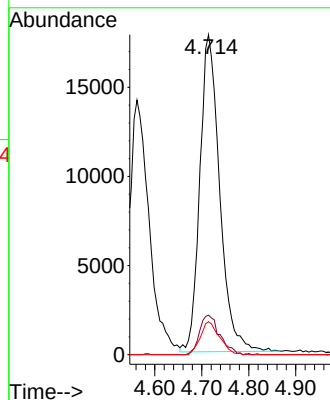
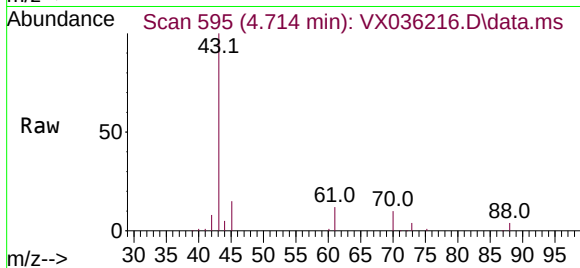
Tgt Ion: 43 Resp: 52373

Ion Ratio Lower Upper

43 100

61 12.6 10.6 16.0

70 10.0 8.3 12.5



#43

Isopropyl Acetate

Concen: 40.901 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036216.D

Acq: 19 Jun 2023 19:12

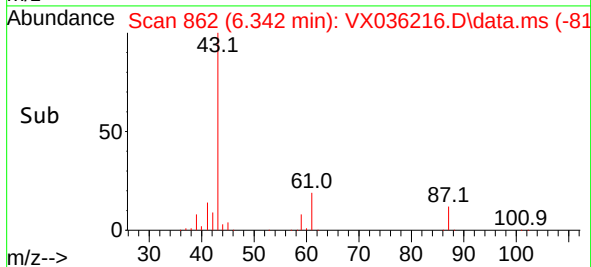
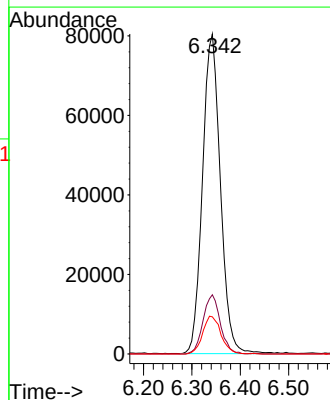
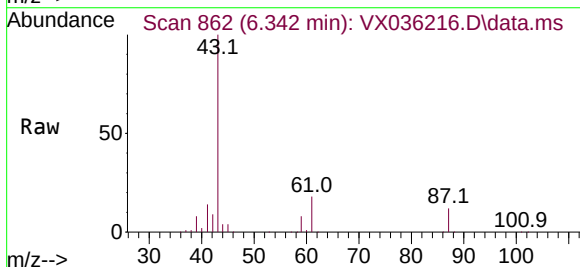
Tgt Ion: 43 Resp: 206440

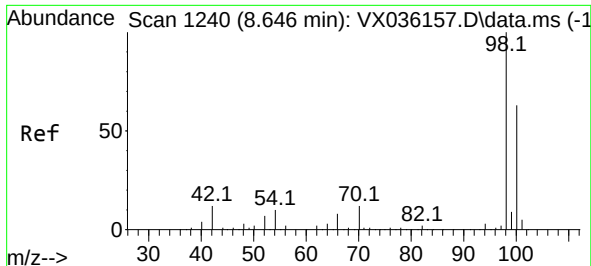
Ion Ratio Lower Upper

43 100

61 17.9 15.2 22.8

87 12.1 9.8 14.6

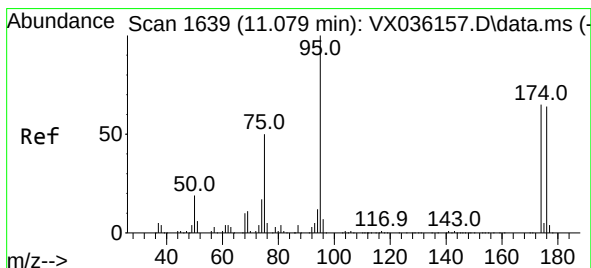
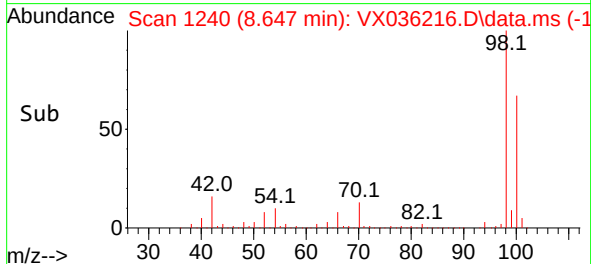
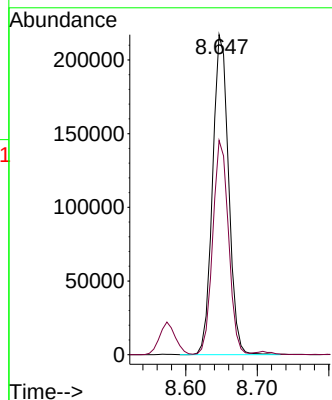
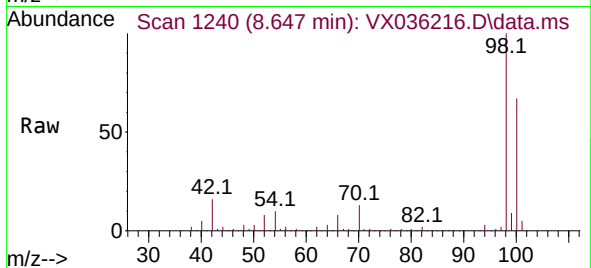




#50
Toluene-d8
Concen: 47.962 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036216.D
Acq: 19 Jun 2023 19:12

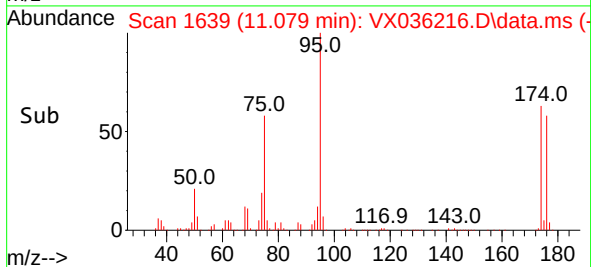
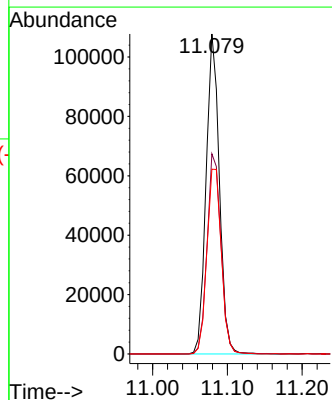
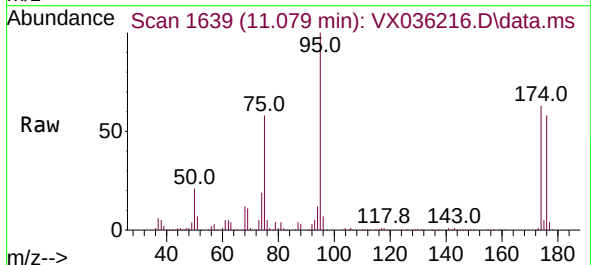
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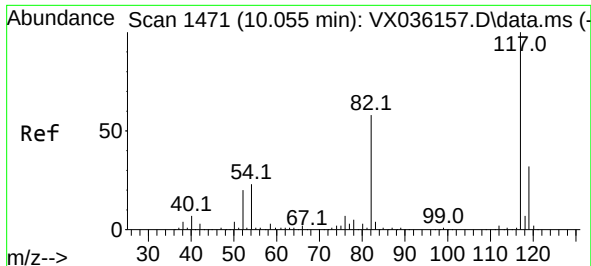
Tgt Ion: 98 Resp: 337153
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036216.D
Acq: 19 Jun 2023 19:12

Tgt Ion: 95 Resp: 132659
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.6
176 62.9 0.0 131.0

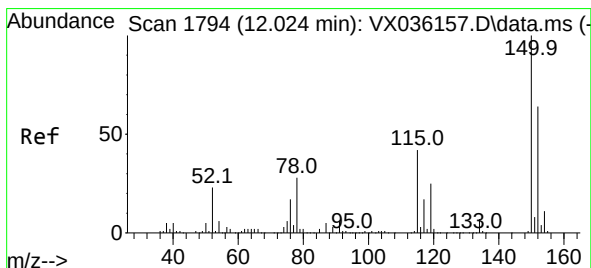
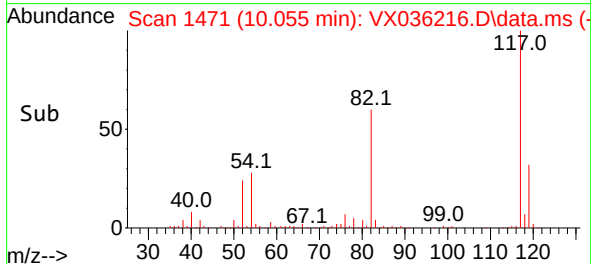
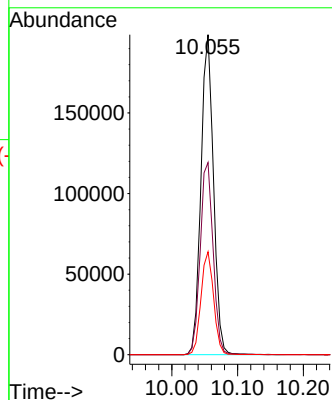
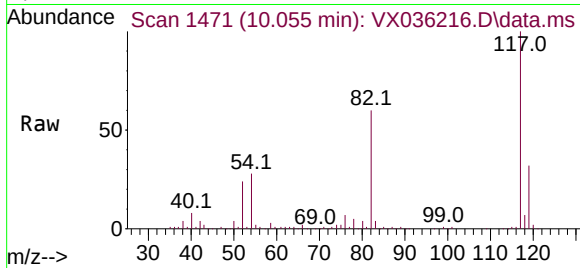




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036216.D
Acq: 19 Jun 2023 19:12

Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#04

Tgt Ion:117 Resp: 262691
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036216.D
Acq: 19 Jun 2023 19:12

Tgt Ion:152 Resp: 115887
Ion Ratio Lower Upper
152 100
115 65.6 43.3 129.9
150 157.2 0.0 345.0

