

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036213.D
 Acq On : 19 Jun 2023 18:02
 Operator : JC/MD
 Sample : PB153531ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153531ZHE#01

Quant Time: Jun 20 03:46:03 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)

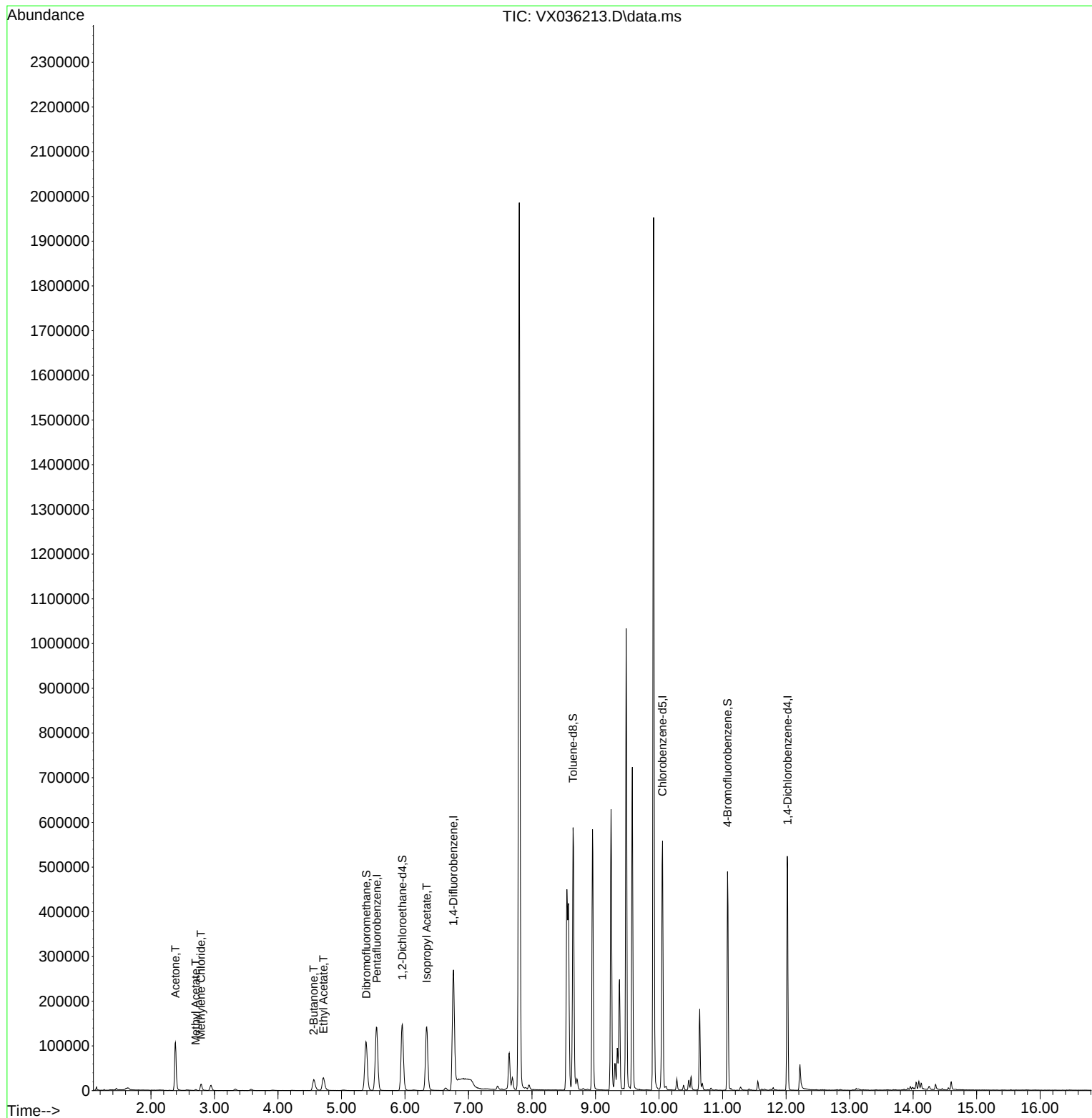
Internal Standards						
1) Pentafluorobenzene	5.556	168	118802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154148	71.002	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 142.000%#		
35) Dibromofluoromethane	5.391	113	95495	58.921	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 117.840%		
50) Toluene-d8	8.647	98	324977	54.816	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 109.640%		
62) 4-Bromofluorobenzene	11.079	95	126612	52.907	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.820%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	127004	140.804	ug/l	100
18) Methyl Acetate	2.703	43	3173	0.928	ug/l	93
20) Methylene Chloride	2.788	84	6684	4.090	ug/l	96
25) 2-Butanone	4.562	43	41391	32.778	ug/l	98
37) Ethyl Acetate	4.715	43	52334	18.815	ug/l	99
43) Isopropyl Acetate	6.342	43	201071	47.235	ug/l	98

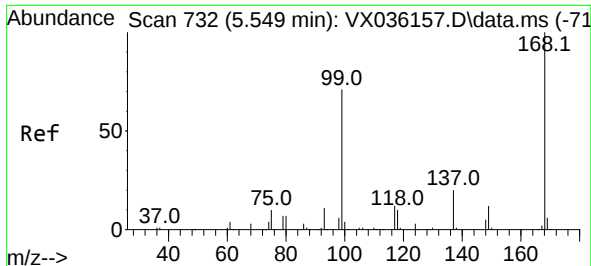
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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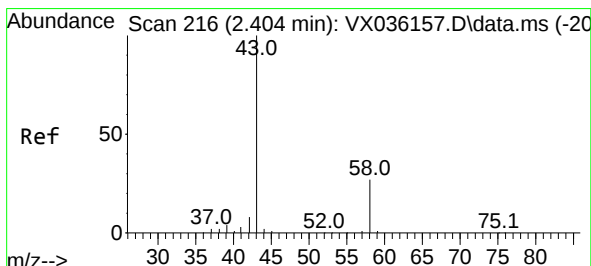
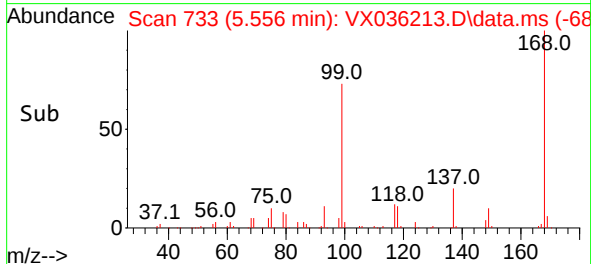
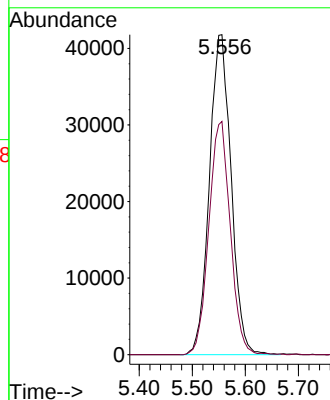
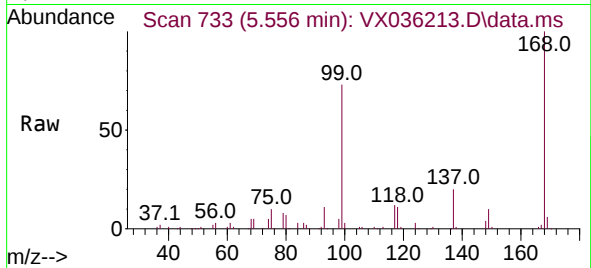




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036213.D
Acq: 19 Jun 2023 18:02

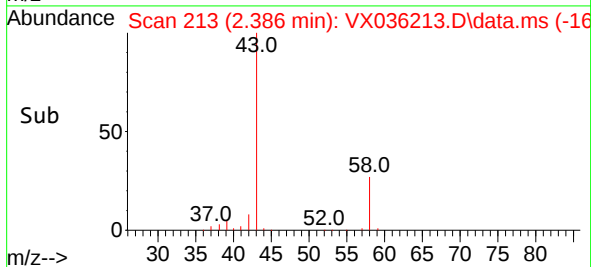
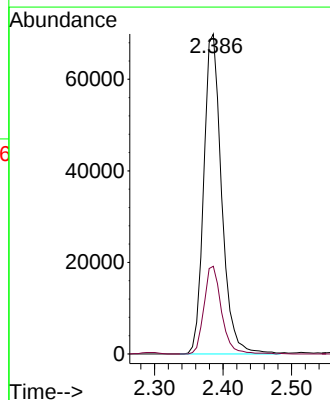
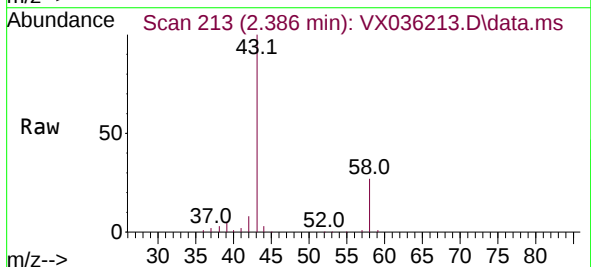
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#01

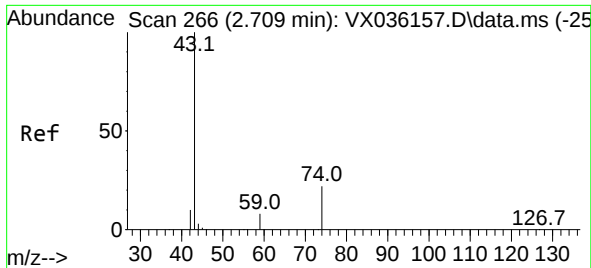
Tgt Ion:168 Resp: 118802
Ion Ratio Lower Upper
168 100
99 72.9 56.6 85.0



#16
Acetone
Concen: 140.804 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036213.D
Acq: 19 Jun 2023 18:02

Tgt Ion: 43 Resp: 127004
Ion Ratio Lower Upper
43 100
58 27.4 21.9 32.9

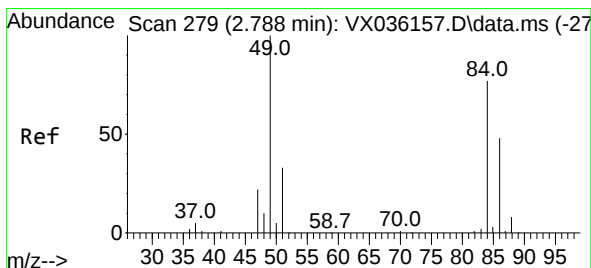
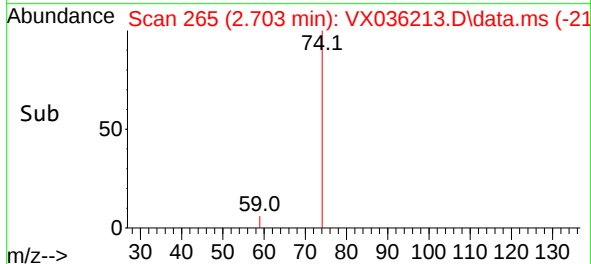
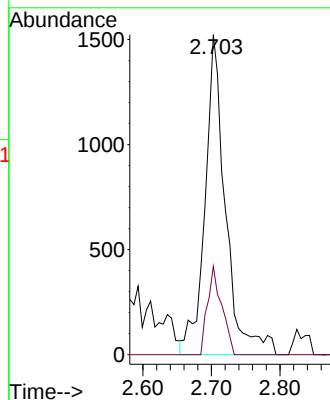
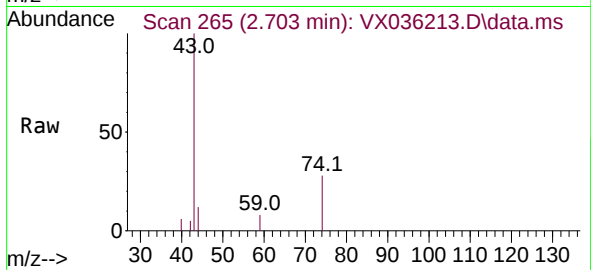




#18
Methyl Acetate
Concen: 0.928 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036213.D
Acq: 19 Jun 2023 18:02

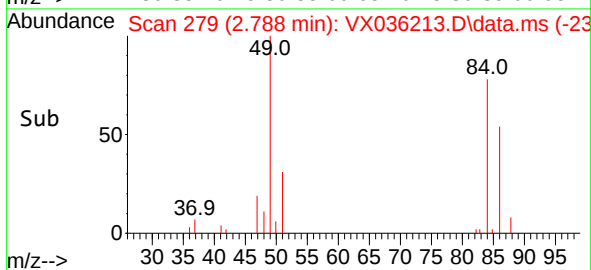
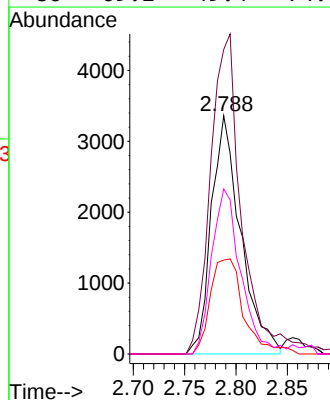
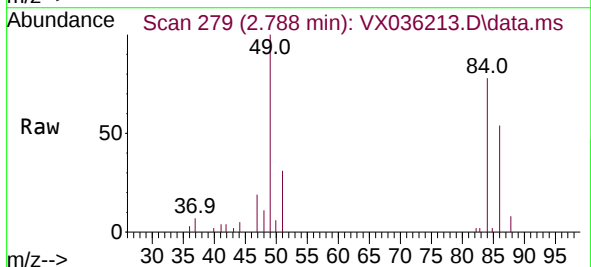
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#01

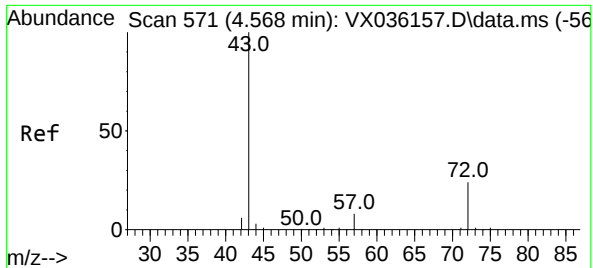
Tgt Ion: 43 Resp: 3173
Ion Ratio Lower Upper
43 100
74 19.2 17.8 26.8



#20
Methylene Chloride
Concen: 4.090 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036213.D
Acq: 19 Jun 2023 18:02

Tgt Ion: 84 Resp: 6684
Ion Ratio Lower Upper
84 100
49 127.8 103.6 155.4
51 39.4 33.8 50.6
86 69.2 49.4 74.0

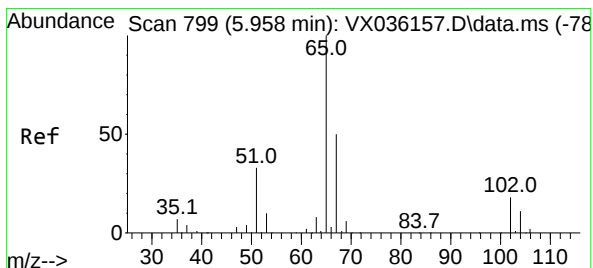
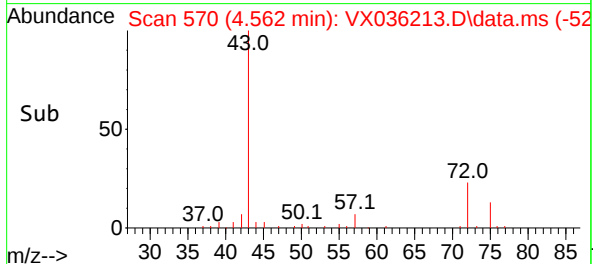
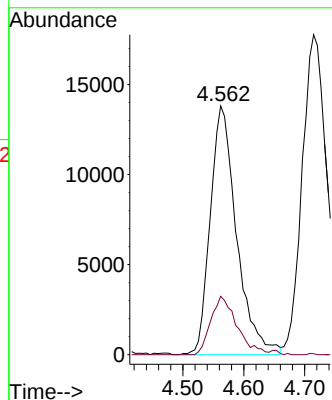
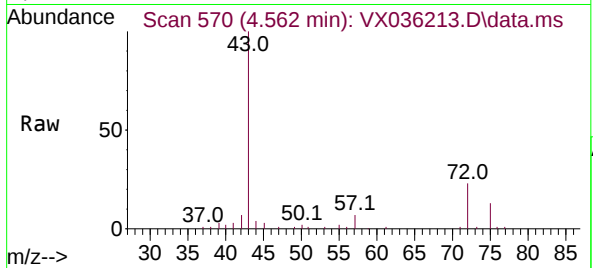




#25
2-Butanone
Concen: 32.778 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036213.D
Acq: 19 Jun 2023 18:02

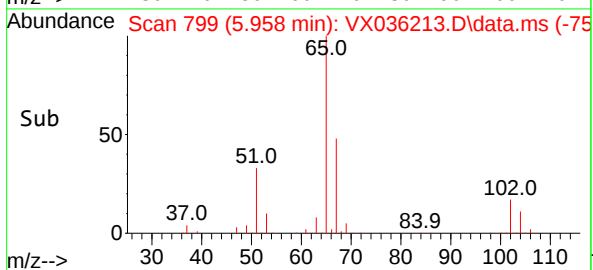
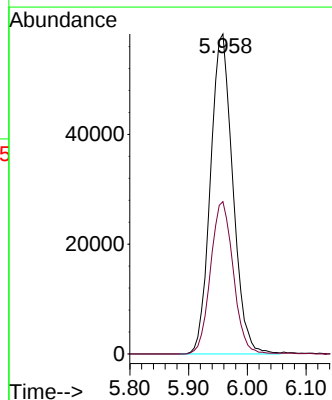
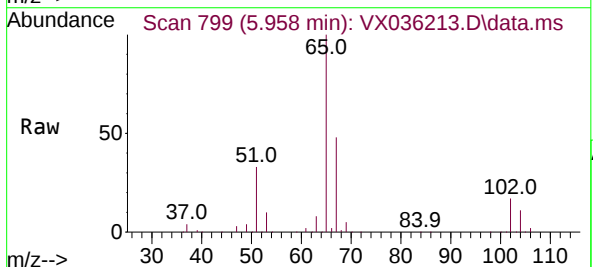
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#01

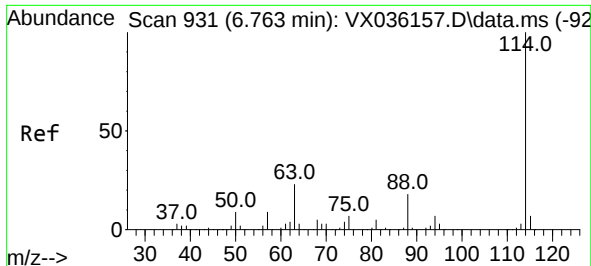
Tgt Ion: 43 Resp: 41391
Ion Ratio Lower Upper
43 100
72 23.5 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 71.002 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036213.D
Acq: 19 Jun 2023 18:02

Tgt Ion: 65 Resp: 154148
Ion Ratio Lower Upper
65 100
67 48.3 0.0 100.2

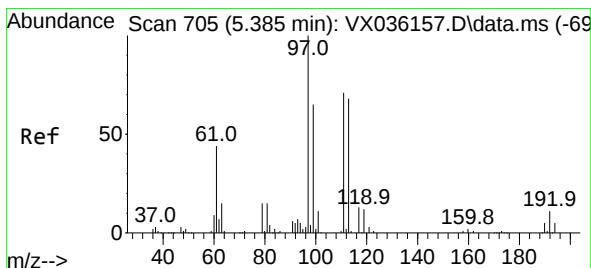
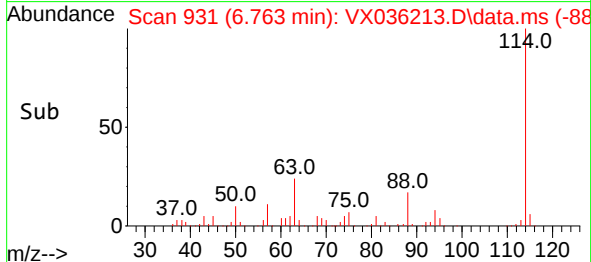
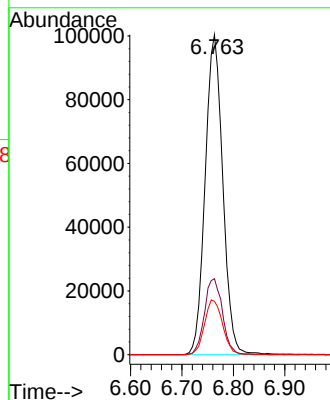
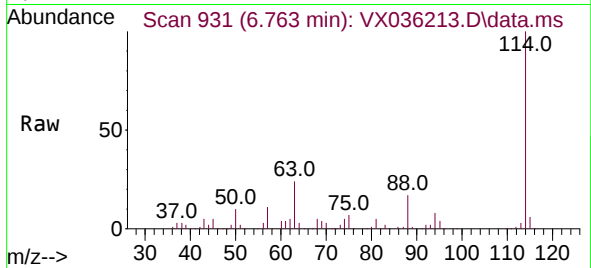




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036213.D
Acq: 19 Jun 2023 18:02

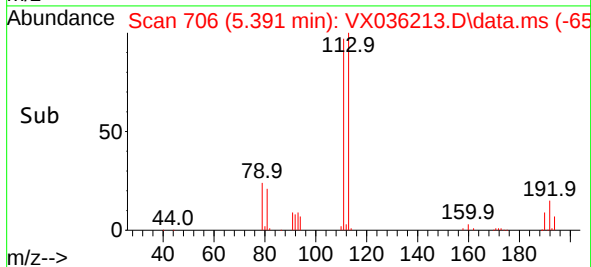
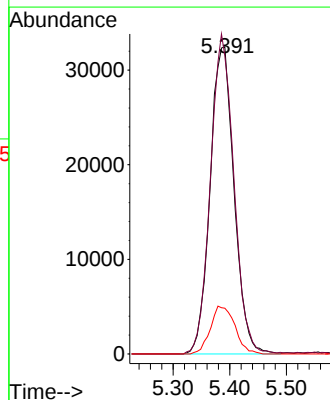
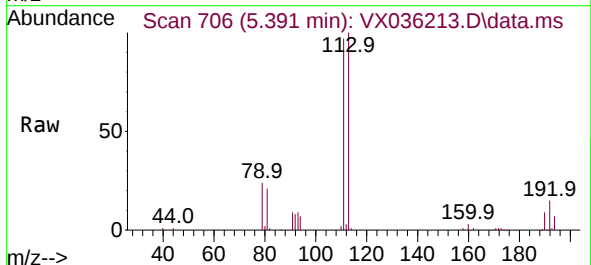
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#01

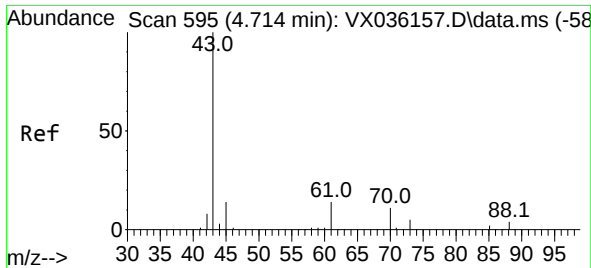
Tgt Ion:114 Resp: 239003
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 58.921 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036213.D
Acq: 19 Jun 2023 18:02

Tgt Ion:113 Resp: 95495
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 15.9 13.3 19.9

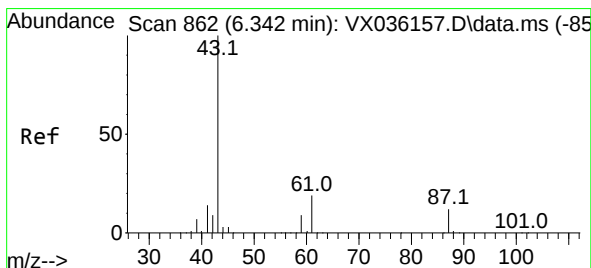
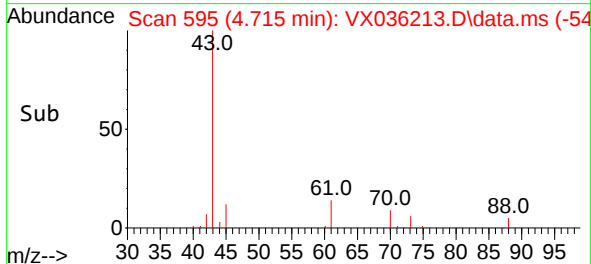
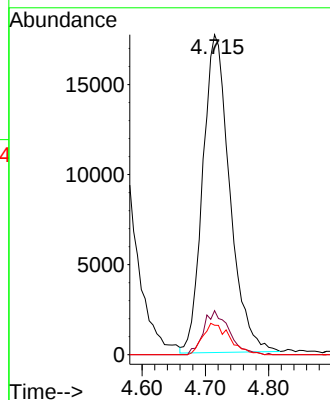
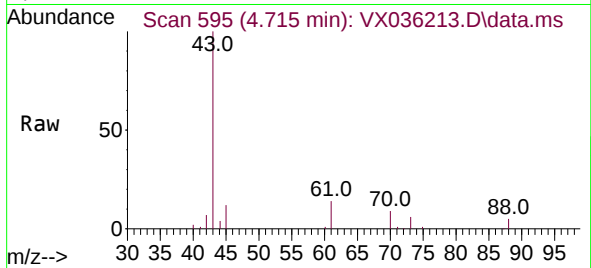




#37
Ethyl Acetate
Concen: 18.815 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.001 min
Lab File: VX036213.D
Acq: 19 Jun 2023 18:02

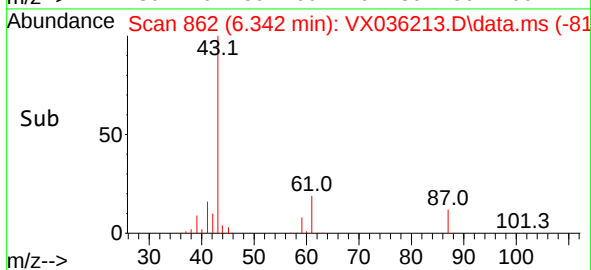
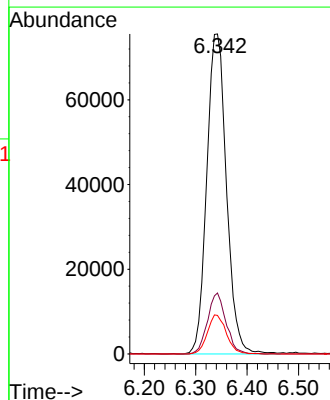
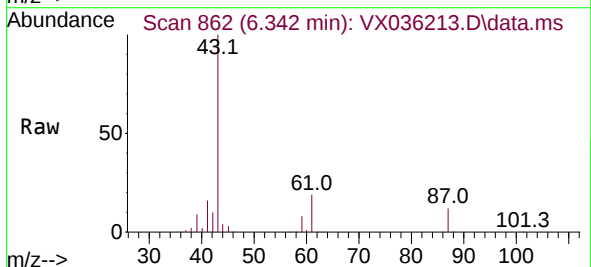
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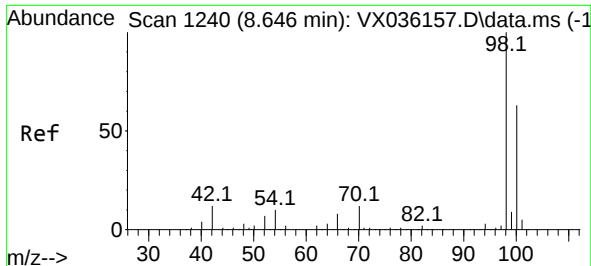
Tgt Ion: 43 Resp: 52334
Ion Ratio Lower Upper
43 100
61 13.1 10.6 16.0
70 9.9 8.3 12.5



#43
Isopropyl Acetate
Concen: 47.235 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036213.D
Acq: 19 Jun 2023 18:02

Tgt Ion: 43 Resp: 201071
Ion Ratio Lower Upper
43 100
61 17.9 15.2 22.8
87 11.7 9.8 14.6

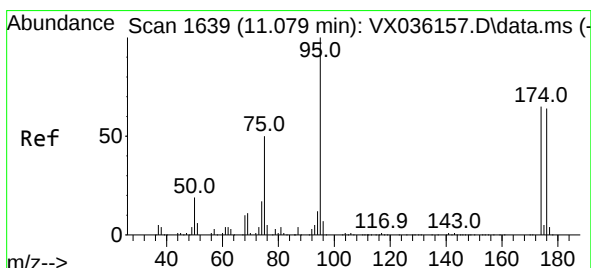
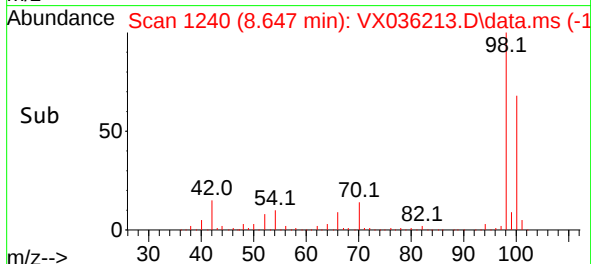
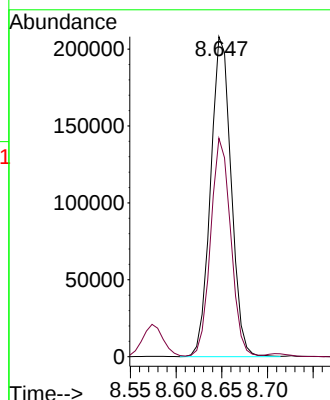
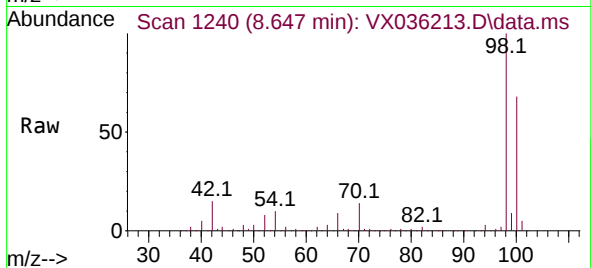




#50
Toluene-d8
Concen: 54.816 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036213.D
Acq: 19 Jun 2023 18:02

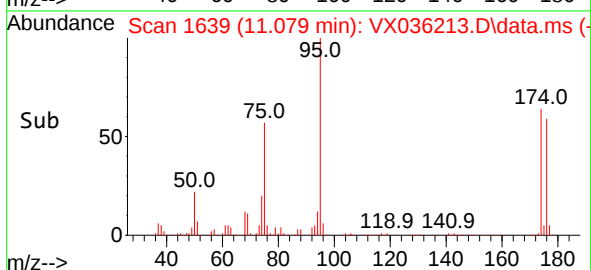
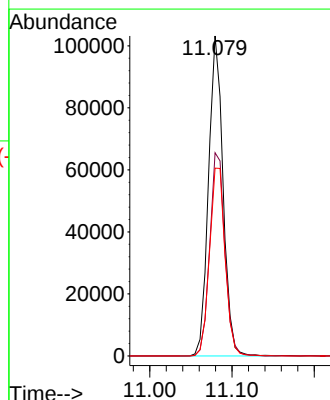
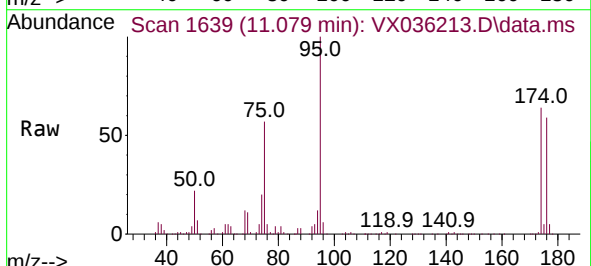
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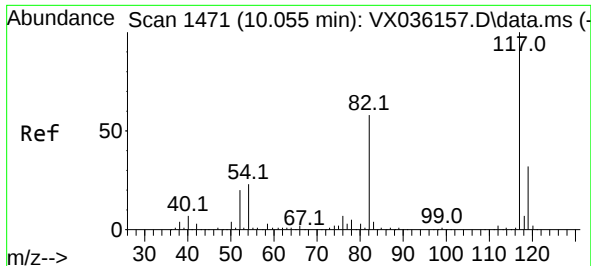
Tgt Ion: 98 Resp: 324977
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.907 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036213.D
Acq: 19 Jun 2023 18:02

Tgt Ion: 95 Resp: 126612
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.6
176 63.2 0.0 131.0

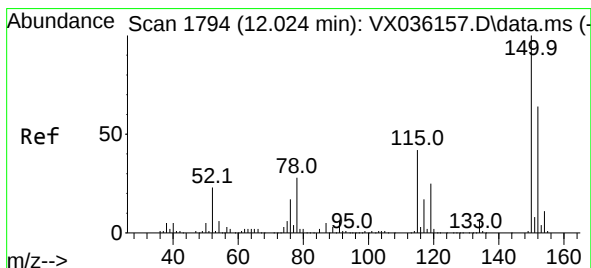
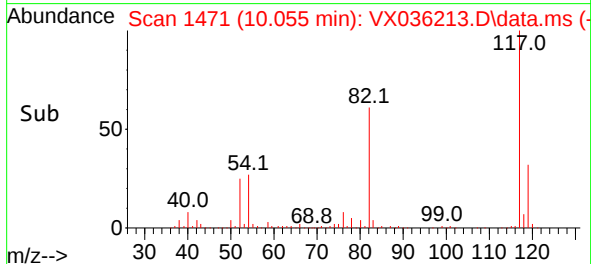
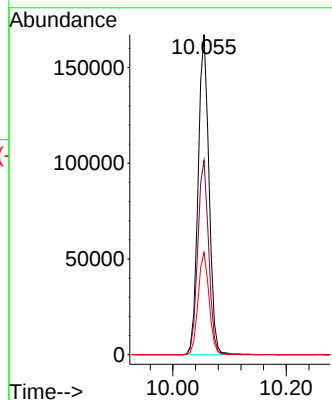
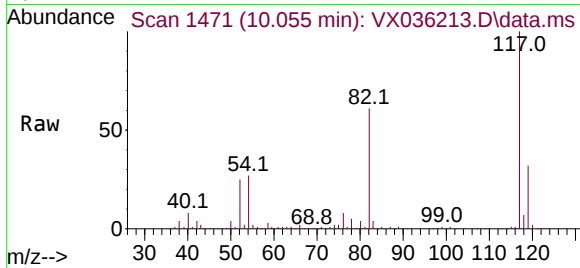




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036213.D
Acq: 19 Jun 2023 18:02

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 221966
Ion Ratio Lower Upper
117 100
82 60.7 46.2 69.4
119 32.0 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: VX036213.D
Acq: 19 Jun 2023 18:02

Tgt Ion:152 Resp: 97306
Ion Ratio Lower Upper
152 100
115 65.6 43.3 129.9
150 158.0 0.0 345.0

