

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036215.D
 Acq On : 19 Jun 2023 18:49
 Operator : JC/MD
 Sample : PB153531ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153531ZHE#03

Quant Time: Jun 20 03:46:58 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)

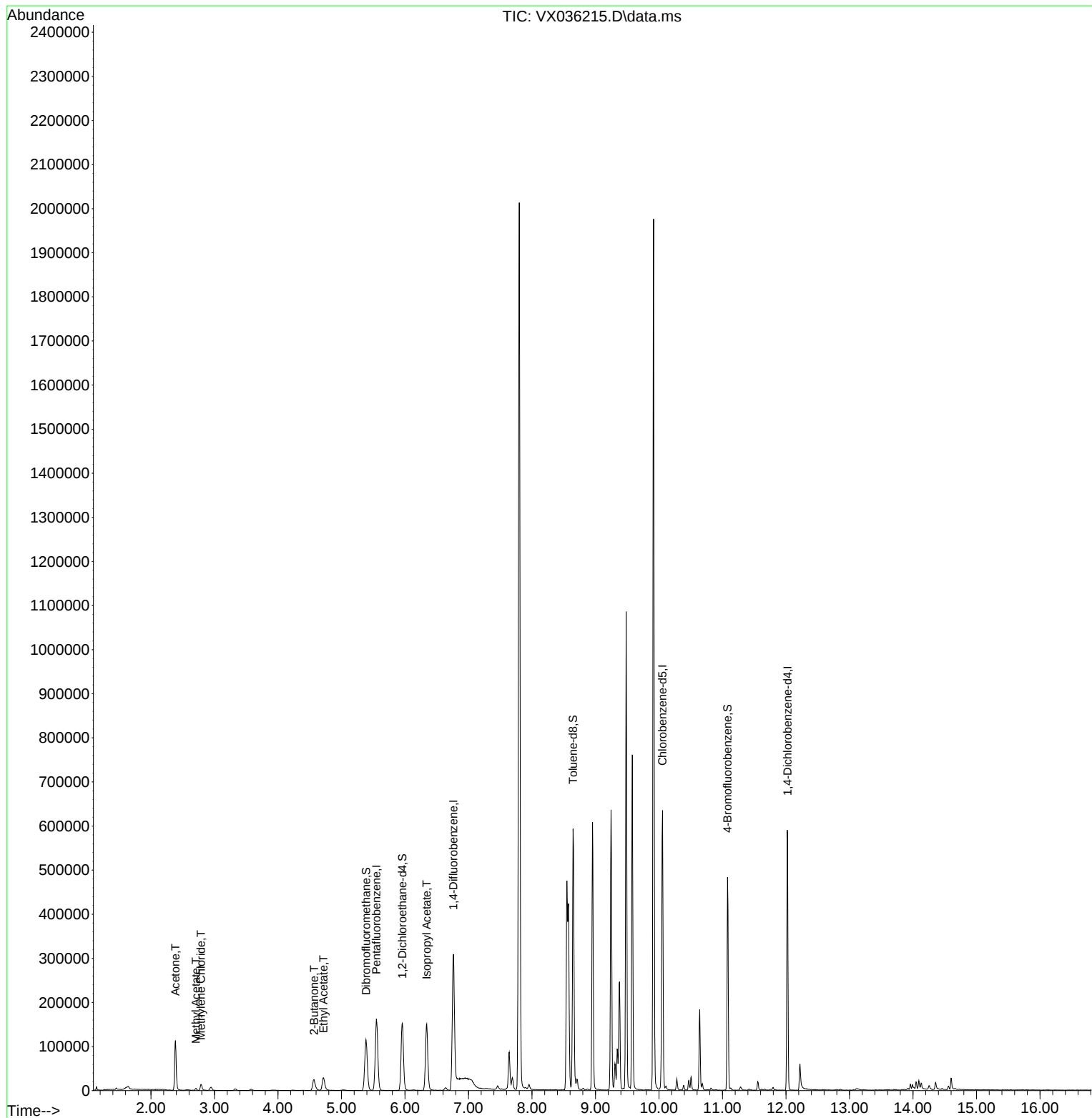
Internal Standards						
1) Pentafluorobenzene	5.550	168	133973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	274088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157920	64.502	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 129.000%#		
35) Dibromofluoromethane	5.385	113	99186	53.365	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.720%		
50) Toluene-d8	8.647	98	331159	48.709	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.420%		
62) 4-Bromofluorobenzene	11.079	95	130275	47.470	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.940%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	130319	128.118	ug/l	98
18) Methyl Acetate	2.709	43	5024	1.302	ug/l	94
20) Methylene Chloride	2.788	84	6827	3.704	ug/l	93
25) 2-Butanone	4.568	43	41112	28.870	ug/l	94
37) Ethyl Acetate	4.715	43	52935	16.595	ug/l	99
43) Isopropyl Acetate	6.342	43	209775	42.972	ug/l	98

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

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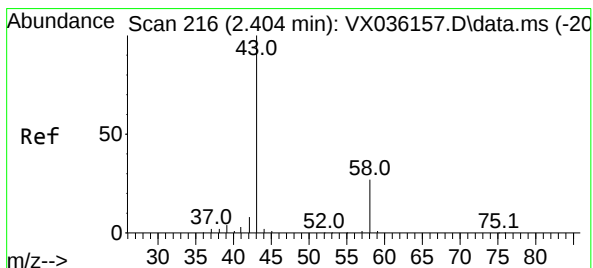
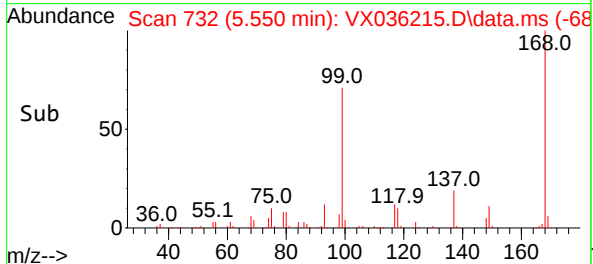
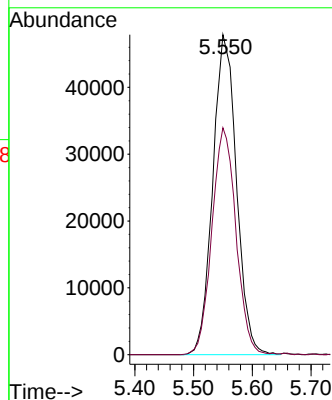
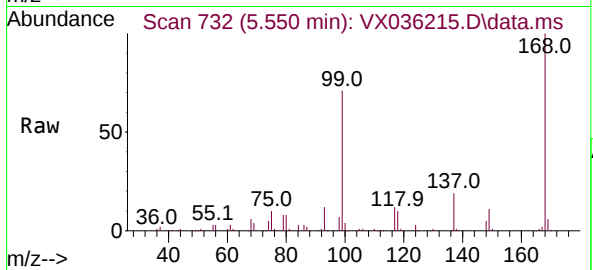




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036215.D
Acq: 19 Jun 2023 18:49

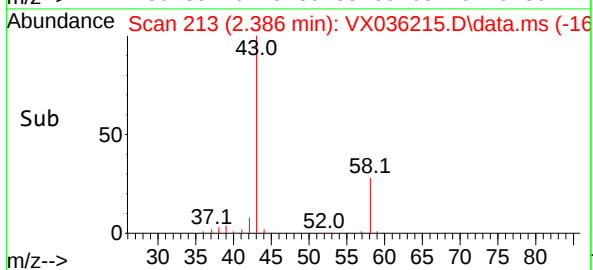
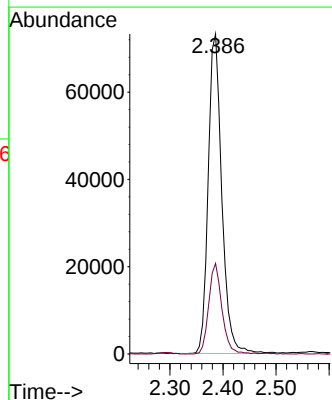
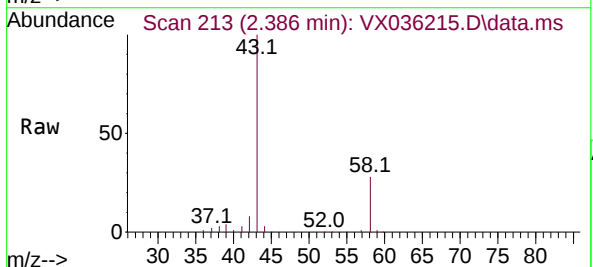
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#03

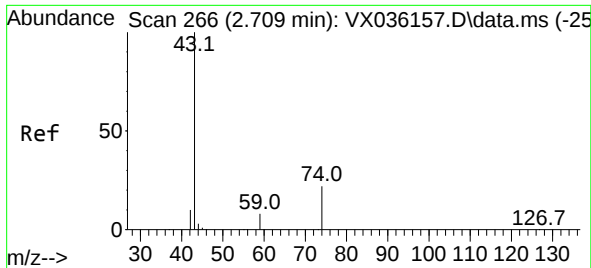
Tgt Ion:168 Resp: 133973
Ion Ratio Lower Upper
168 100
99 70.9 56.6 85.0



#16
Acetone
Concen: 128.118 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036215.D
Acq: 19 Jun 2023 18:49

Tgt Ion: 43 Resp: 130319
Ion Ratio Lower Upper
43 100
58 28.4 21.9 32.9

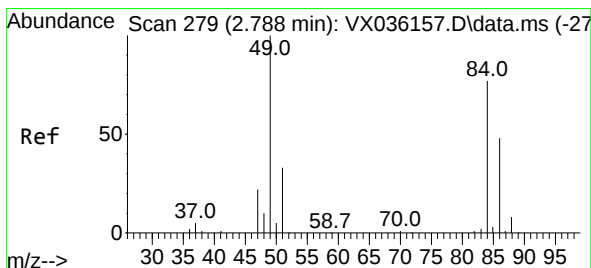
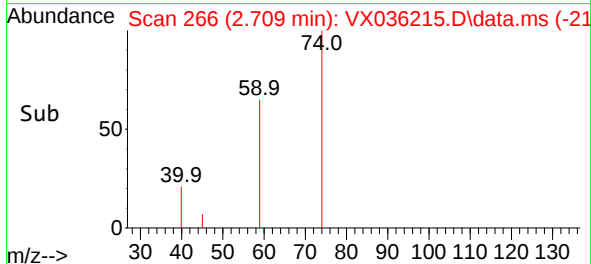
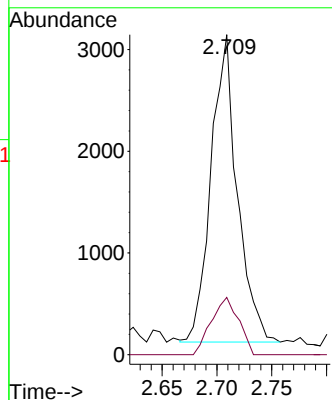
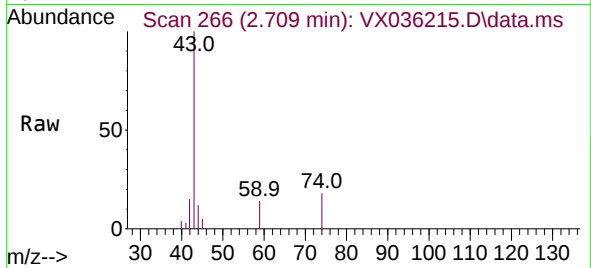




#18
Methyl Acetate
Concen: 1.302 ug/l
RT: 2.709 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX036215.D
Acq: 19 Jun 2023 18:49

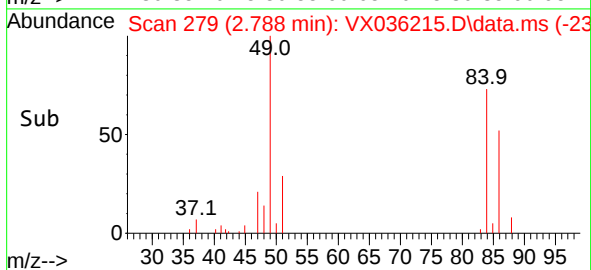
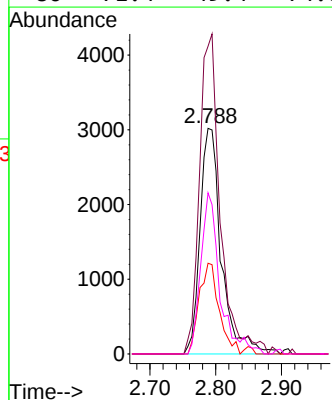
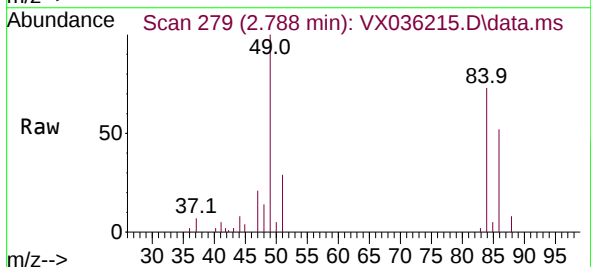
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#03

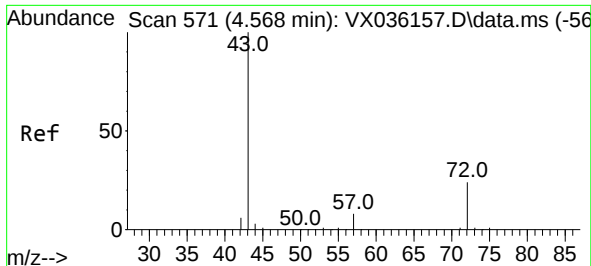
Tgt Ion: 43 Resp: 5024
Ion Ratio Lower Upper
43 100
74 19.4 17.8 26.8



#20
Methylene Chloride
Concen: 3.704 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036215.D
Acq: 19 Jun 2023 18:49

Tgt Ion: 84 Resp: 6827
Ion Ratio Lower Upper
84 100
49 136.4 103.6 155.4
51 40.2 33.8 50.6
86 71.4 49.4 74.0

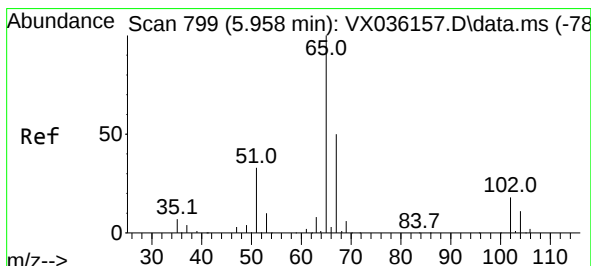
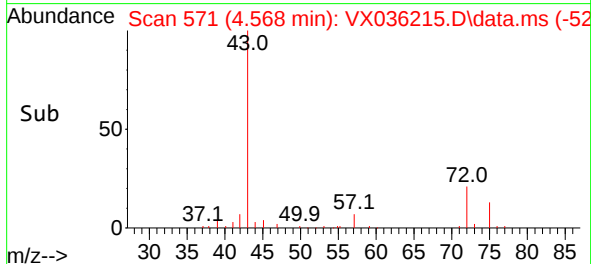
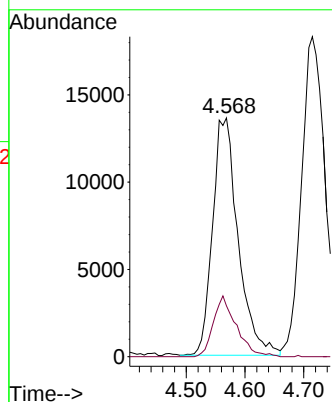
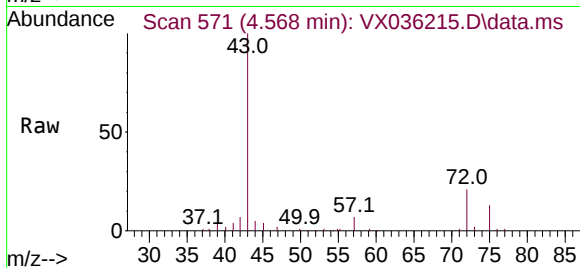




#25
2-Butanone
Concen: 28.870 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036215.D
Acq: 19 Jun 2023 18:49

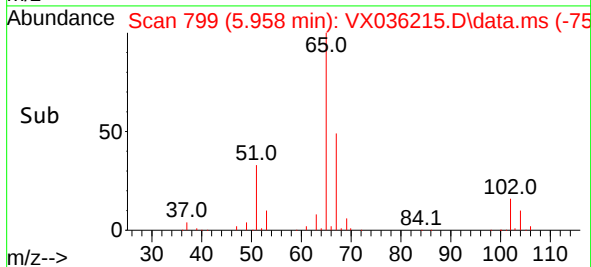
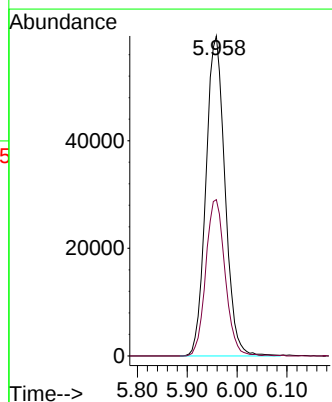
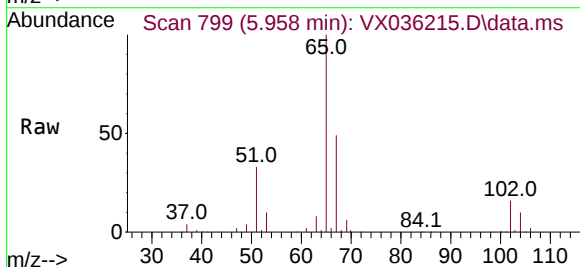
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#03

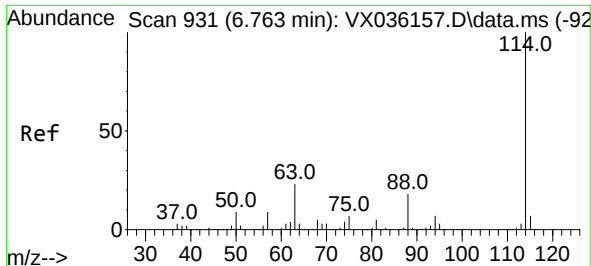
Tgt Ion: 43 Resp: 41112
Ion Ratio Lower Upper
43 100
72 21.5 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 64.502 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036215.D
Acq: 19 Jun 2023 18:49

Tgt Ion: 65 Resp: 157920
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.2

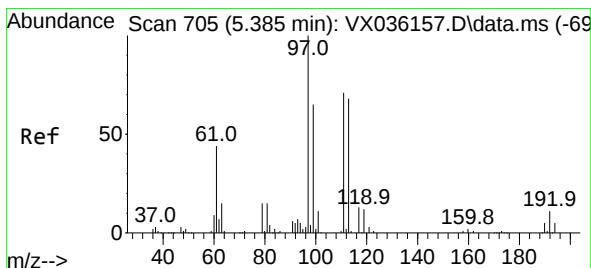
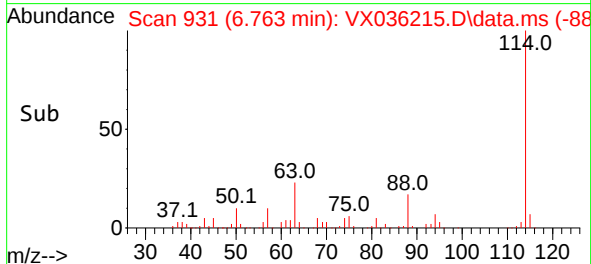
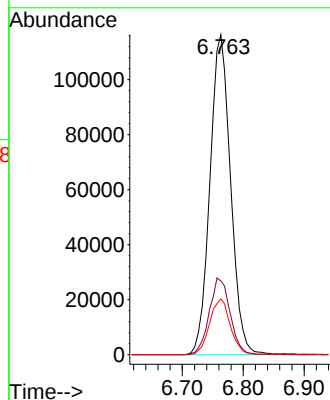
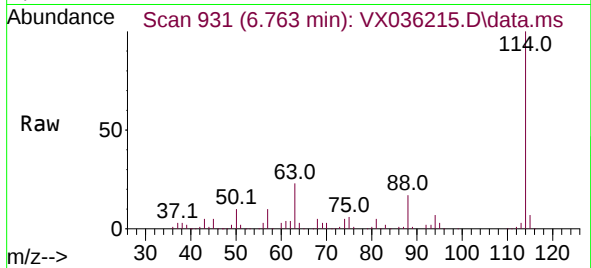




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036215.D
Acq: 19 Jun 2023 18:49

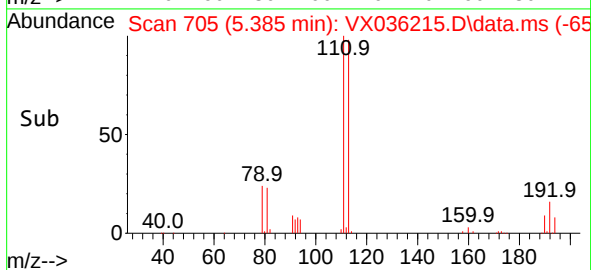
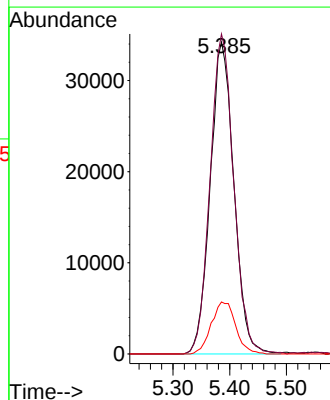
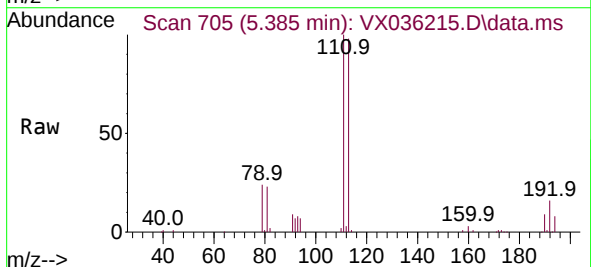
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#03

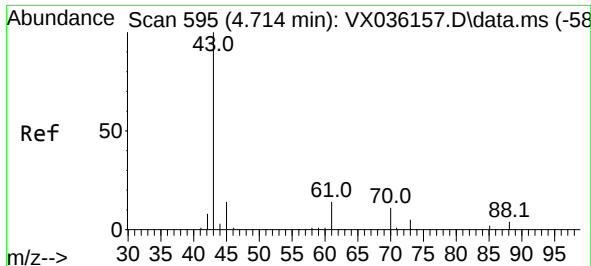
Tgt Ion:114 Resp: 274088
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 17.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.365 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036215.D
Acq: 19 Jun 2023 18:49

Tgt Ion:113 Resp: 99186
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 17.2 13.3 19.9





#37

Ethyl Acetate

Concen: 16.595 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX036215.D

Acq: 19 Jun 2023 18:49

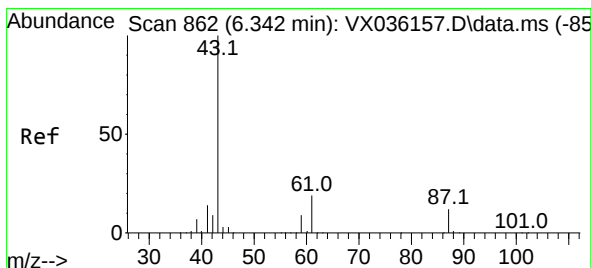
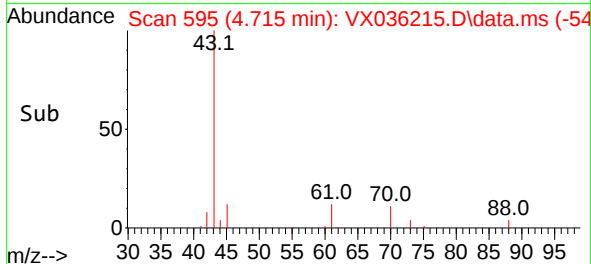
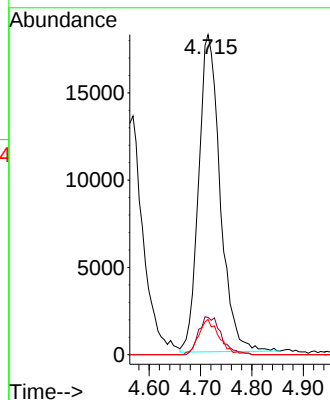
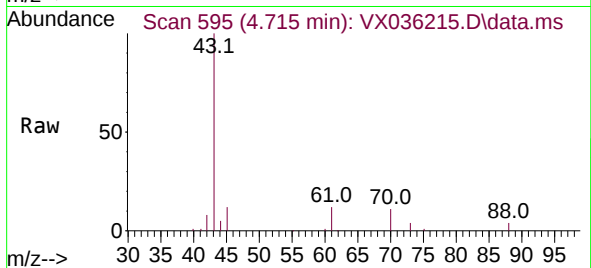
Instrument :

MSVOA_X

ClientSampleId :

PB153531ZHE#03

Tgt Ion:	43	Resp:	52935
Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.6	16.0
70	10.6	8.3	12.5



#43

Isopropyl Acetate

Concen: 42.972 ug/l

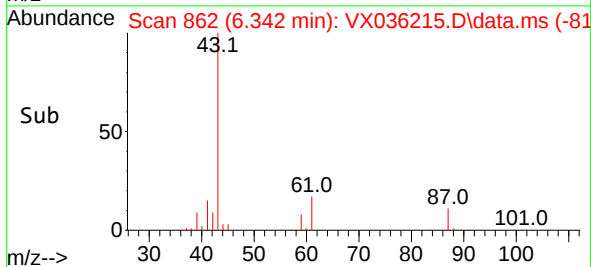
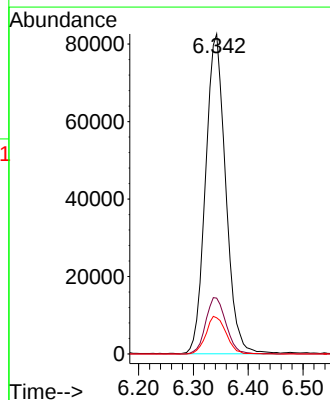
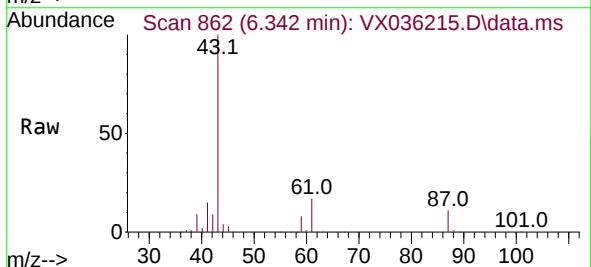
RT: 6.342 min Scan# 862

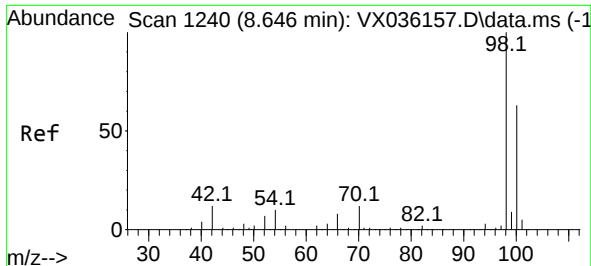
Delta R.T. 0.000 min

Lab File: VX036215.D

Acq: 19 Jun 2023 18:49

Tgt Ion:	43	Resp:	209775
Ion	Ratio	Lower	Upper
43	100		
61	17.8	15.2	22.8
87	11.7	9.8	14.6

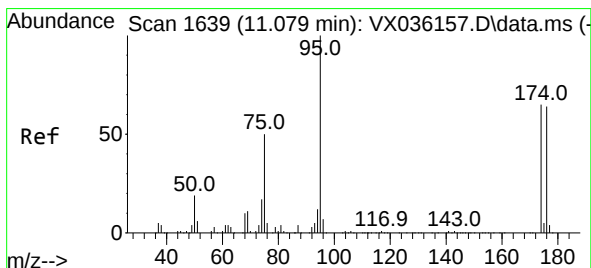
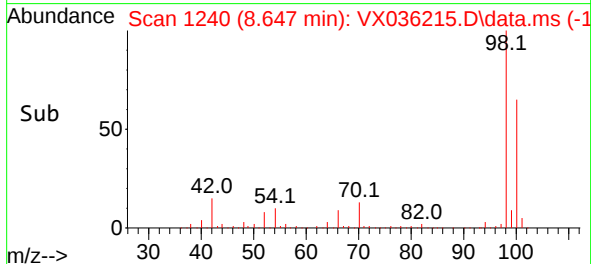
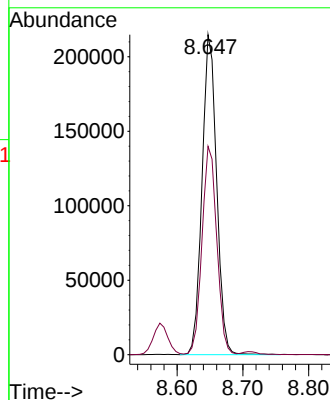
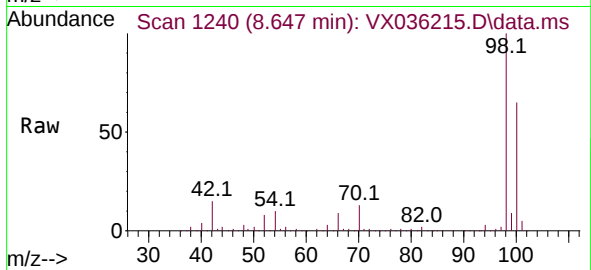




#50
Toluene-d8
Concen: 48.709 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036215.D
Acq: 19 Jun 2023 18:49

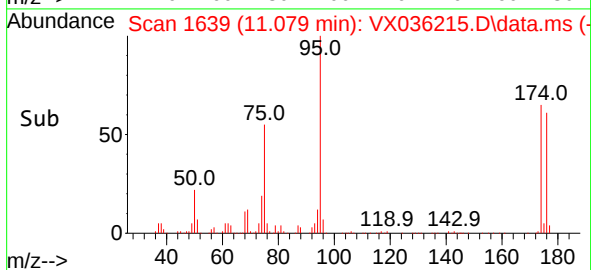
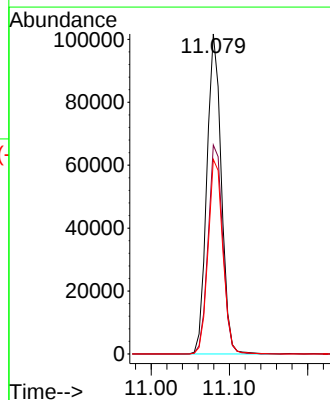
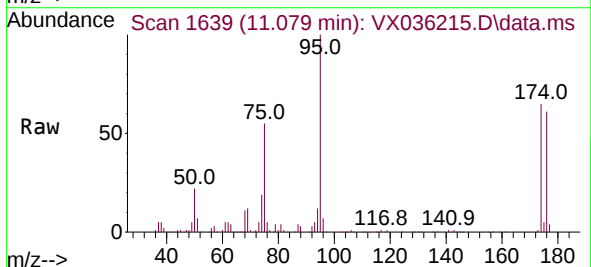
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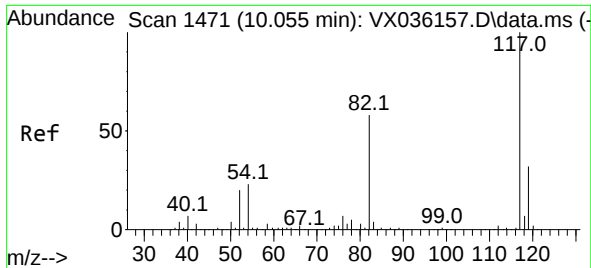
Tgt Ion: 98 Resp: 331159
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.470 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036215.D
Acq: 19 Jun 2023 18:49

Tgt Ion: 95 Resp: 130275
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.6
176 61.8 0.0 131.0

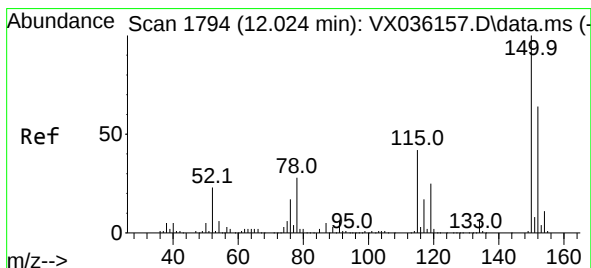
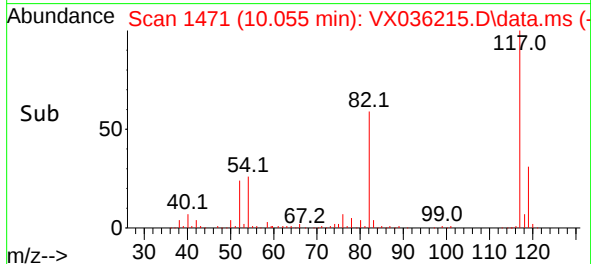
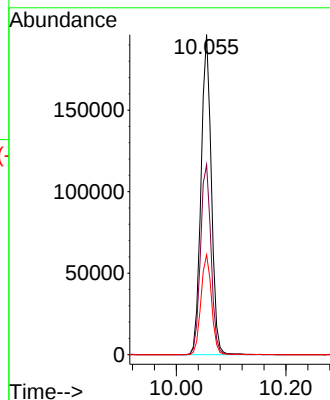
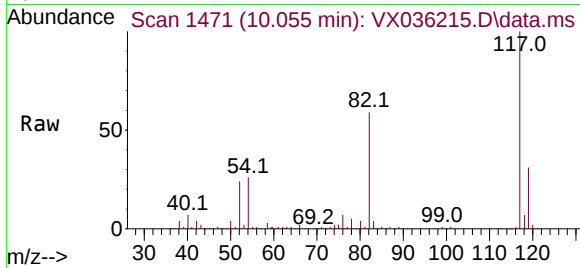




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036215.D
Acq: 19 Jun 2023 18:49

Instrument :
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Tgt Ion:117 Resp: 256372
Ion Ratio Lower Upper
117 100
82 59.4 46.2 69.4
119 31.2 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: VX036215.D
Acq: 19 Jun 2023 18:49

Tgt Ion:152 Resp: 109346
Ion Ratio Lower Upper
152 100
115 67.0 43.3 129.9
150 159.8 0.0 345.0

