

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036225.D
 Acq On : 19 Jun 2023 22:43
 Operator : JC/MD
 Sample : PB153531ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153531ZHE#13

Quant Time: Jun 20 03:51:26 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)

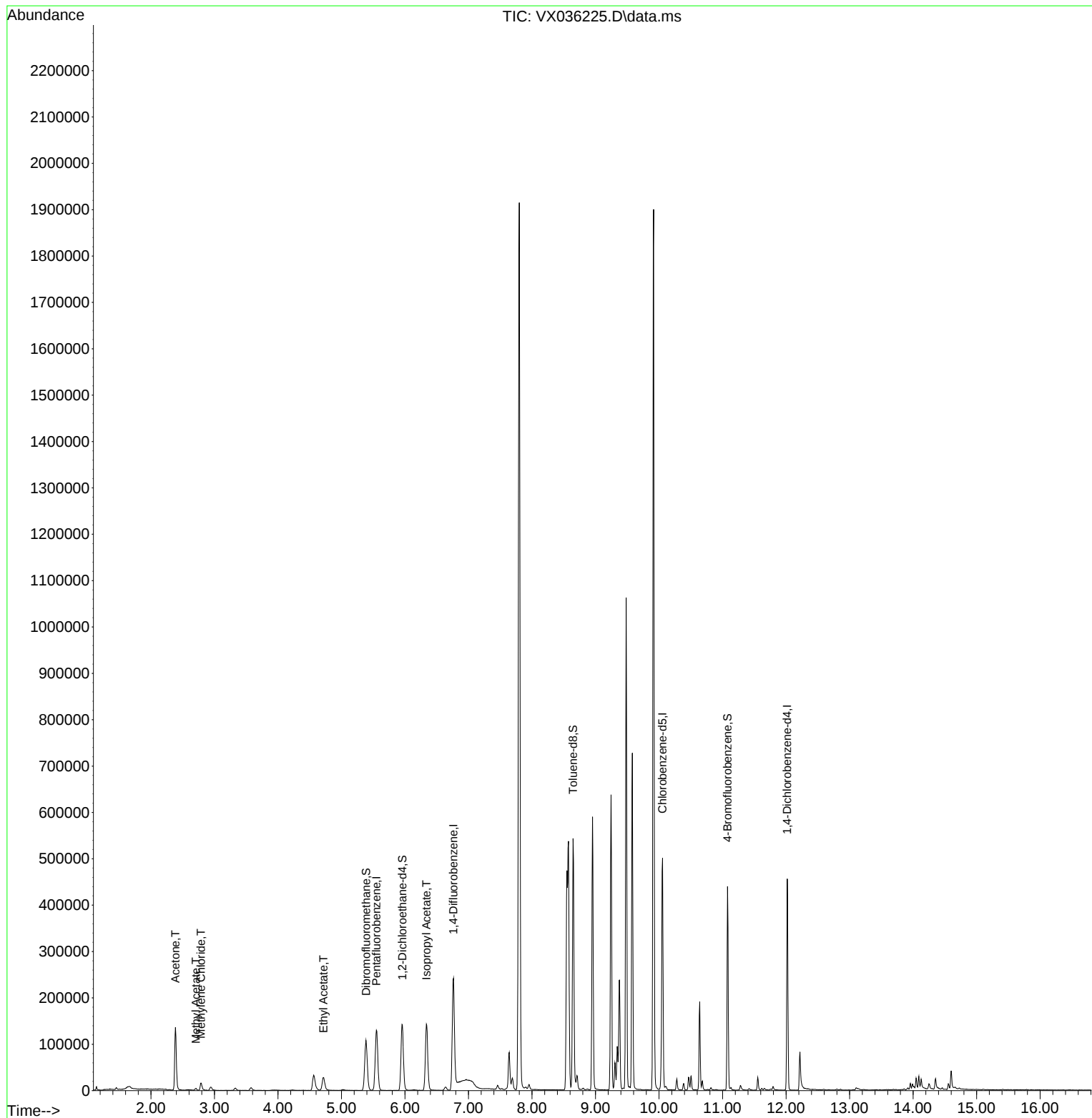
Internal Standards						
1) Pentafluorobenzene	5.550	168	109676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146451	73.070	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	146.140%#
35) Dibromofluoromethane	5.385	113	92295	62.365	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	124.740%#
50) Toluene-d8	8.647	98	296299	54.735	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.460%
62) 4-Bromofluorobenzene	11.079	95	112374	51.426	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.860%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	159825	191.935	ug/l	100
18) Methyl Acetate	2.709	43	4921	1.558	ug/l	98
20) Methylene Chloride	2.788	84	7946	5.267	ug/l	97
37) Ethyl Acetate	4.715	43	51579	20.308	ug/l	99
43) Isopropyl Acetate	6.336	43	203497	52.354	ug/l	98

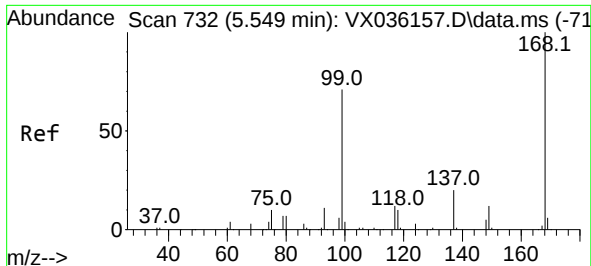
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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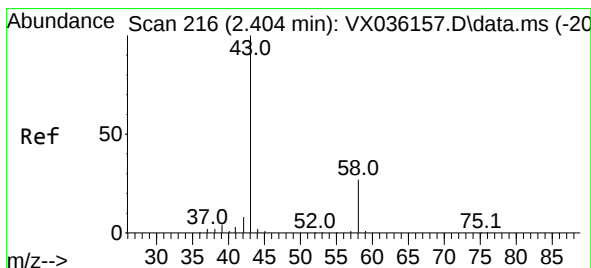
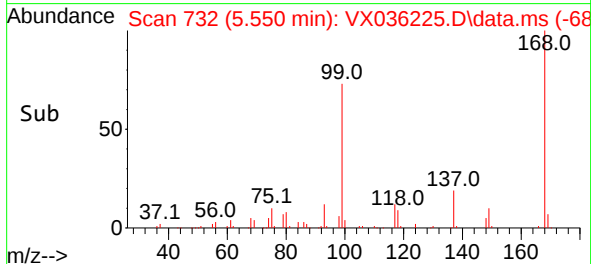
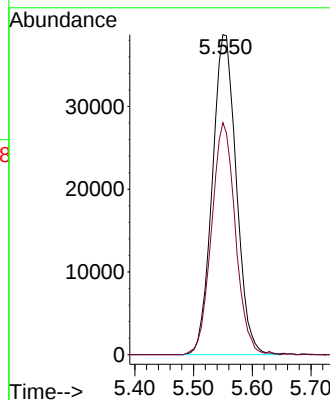
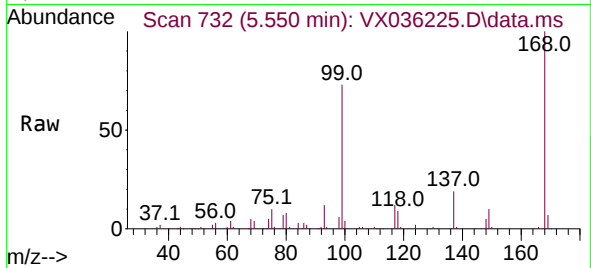




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036225.D
Acq: 19 Jun 2023 22:43

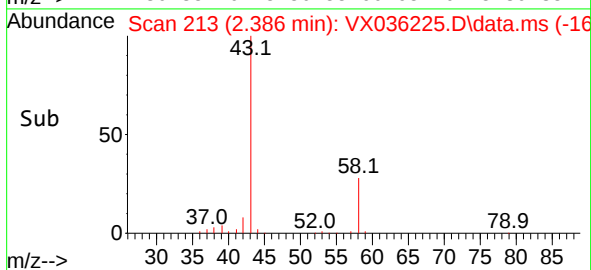
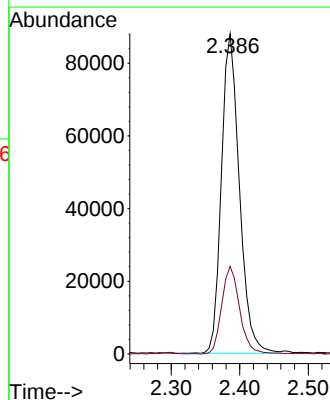
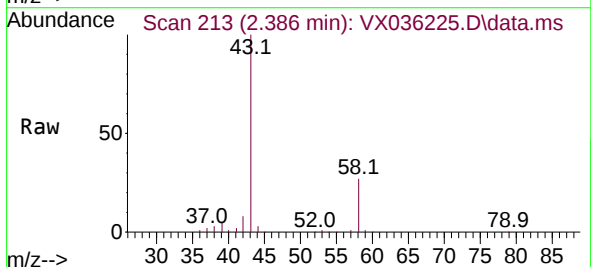
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#13

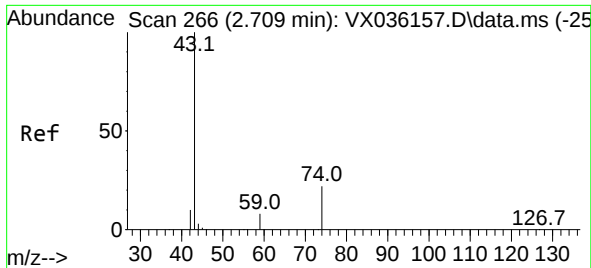
Tgt Ion:168 Resp: 109676
Ion Ratio Lower Upper
168 100
99 72.5 56.6 85.0



#16
Acetone
Concen: 191.935 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036225.D
Acq: 19 Jun 2023 22:43

Tgt Ion: 43 Resp: 159825
Ion Ratio Lower Upper
43 100
58 27.3 21.9 32.9

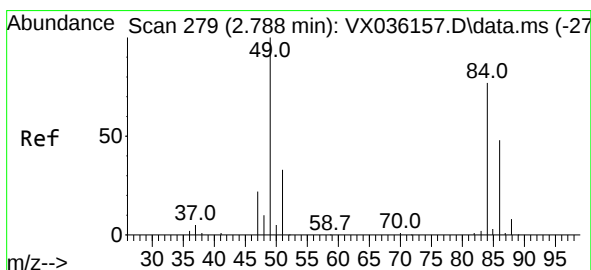
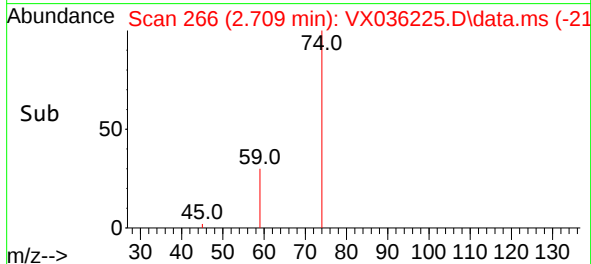
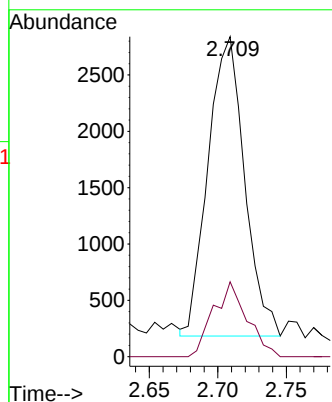
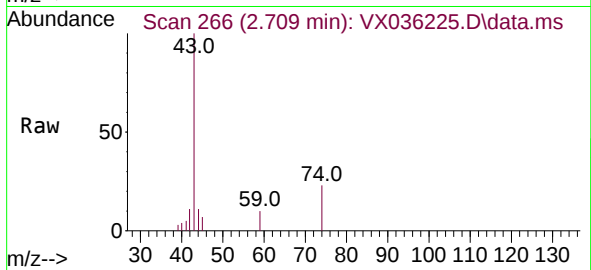




#18
Methyl Acetate
Concen: 1.558 ug/l
RT: 2.709 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX036225.D
Acq: 19 Jun 2023 22:43

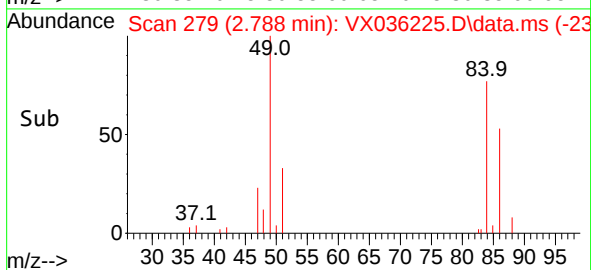
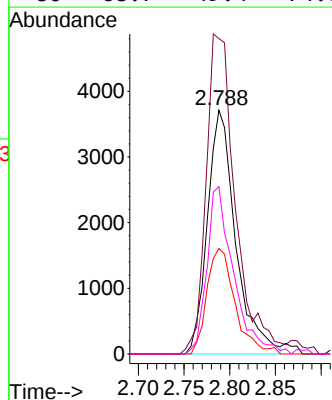
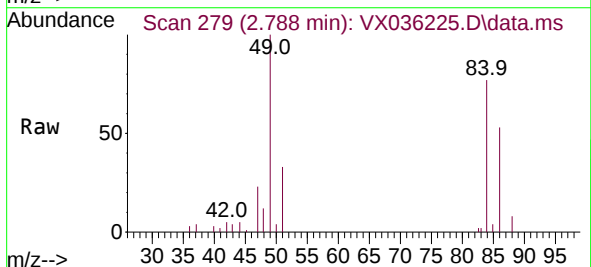
Instrument :
MSVOA_X
ClientSampleId :
PB153531ZHE#13

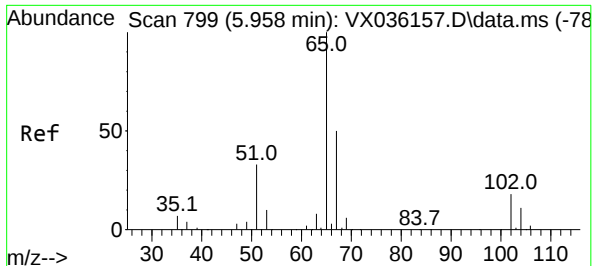
Tgt Ion: 43 Resp: 4921
Ion Ratio Lower Upper
43 100
74 23.1 17.8 26.8



#20
Methylene Chloride
Concen: 5.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036225.D
Acq: 19 Jun 2023 22:43

Tgt Ion: 84 Resp: 7946
Ion Ratio Lower Upper
84 100
49 129.4 103.6 155.4
51 43.3 33.8 50.6
86 68.7 49.4 74.0

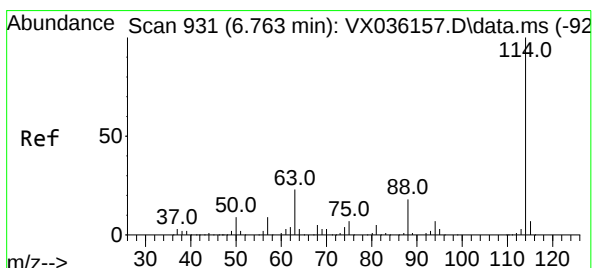
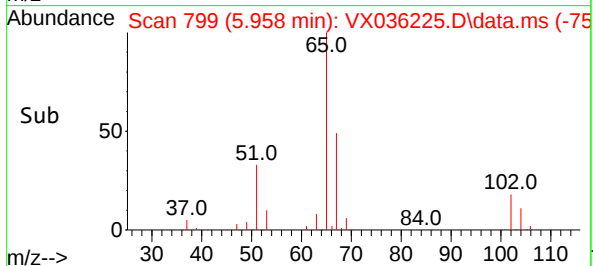
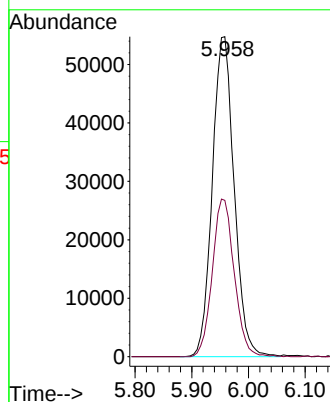
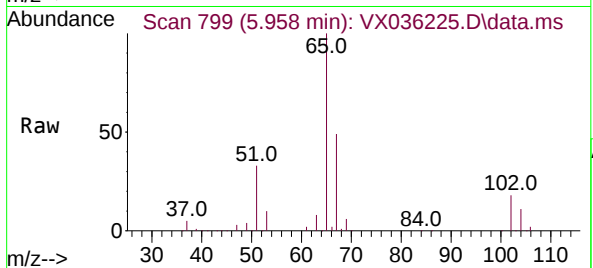




#33
 1,2-Dichloroethane-d4
 Concen: 73.070 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036225.D
 Acq: 19 Jun 2023 22:43

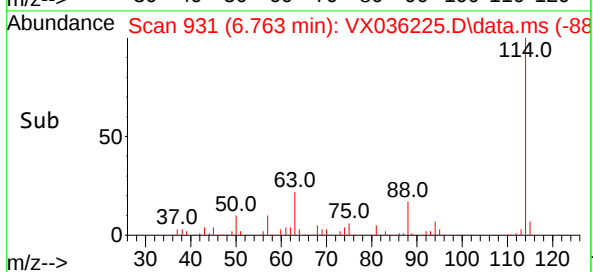
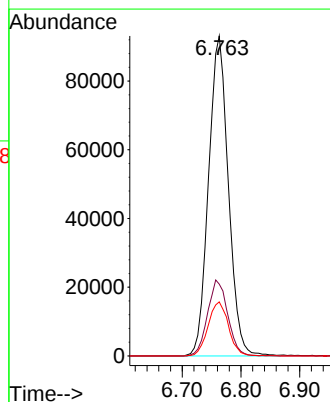
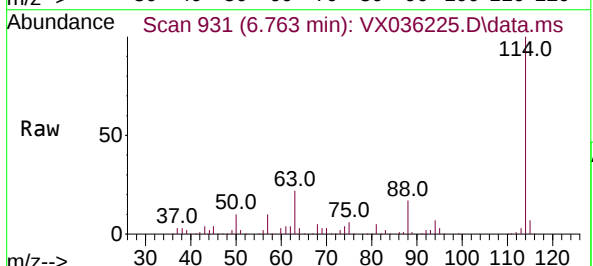
Instrument :
 MSVOA_X
 ClientSampleId :
 PB153531ZHE#13

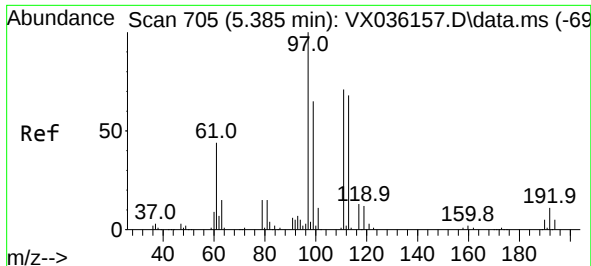
Tgt Ion: 65 Resp: 146451
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036225.D
 Acq: 19 Jun 2023 22:43

Tgt Ion: 114 Resp: 218238
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 16.9 0.0 36.6

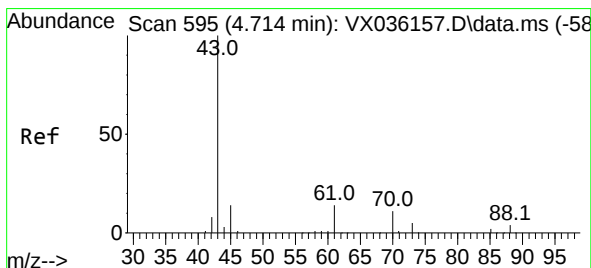
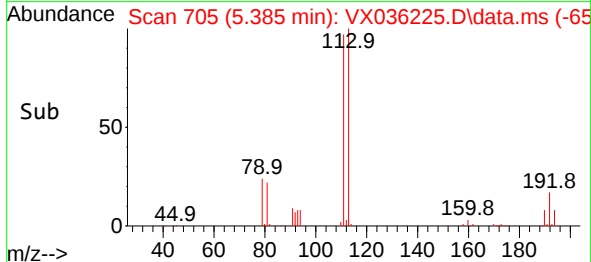
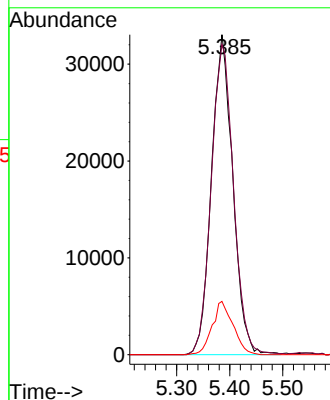
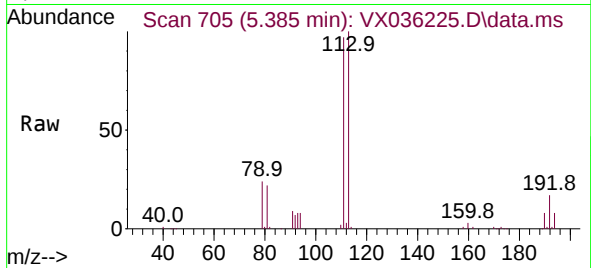




#35
Dibromofluoromethane
Concen: 62.365 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036225.D
Acq: 19 Jun 2023 22:43

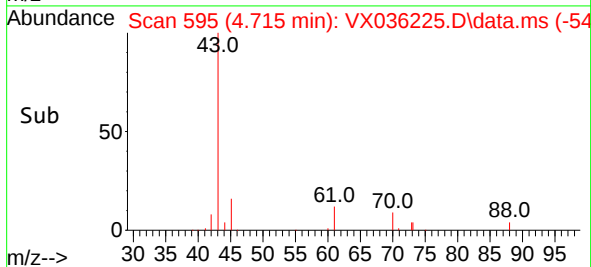
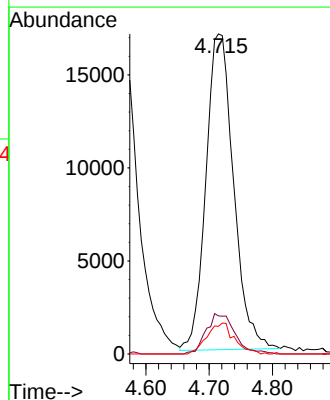
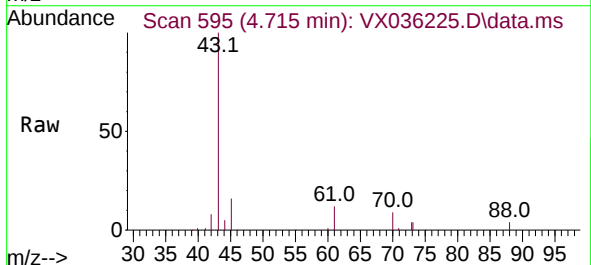
Instrument :
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PB153531ZHE#13

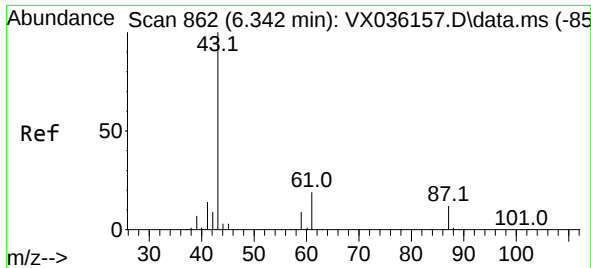
Tgt Ion:113 Resp: 92295
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 16.4 13.3 19.9



#37
Ethyl Acetate
Concen: 20.308 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.001 min
Lab File: VX036225.D
Acq: 19 Jun 2023 22:43

Tgt Ion: 43 Resp: 51579
Ion Ratio Lower Upper
43 100
61 13.1 10.6 16.0
70 9.7 8.3 12.5

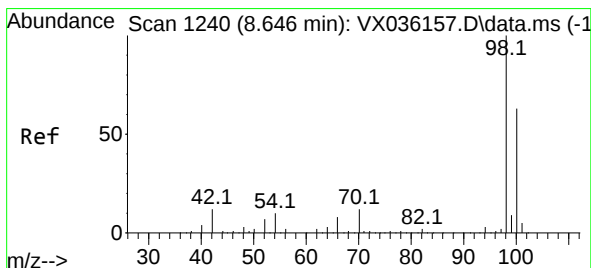
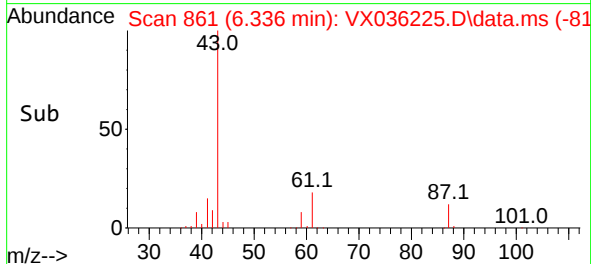
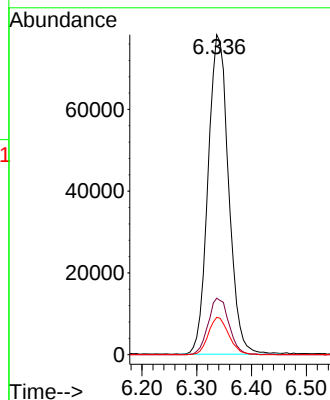
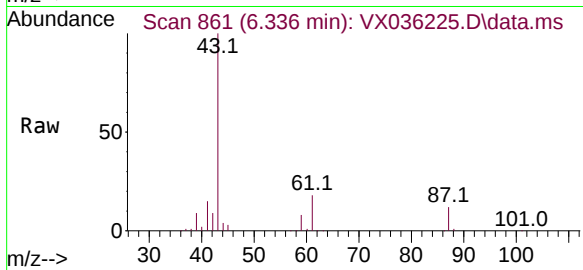




#43
Isopropyl Acetate
Concen: 52.354 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036225.D
Acq: 19 Jun 2023 22:43

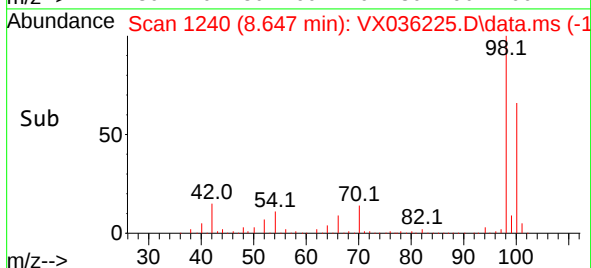
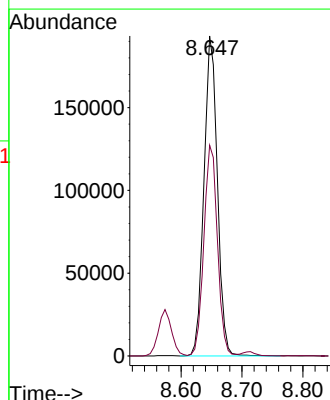
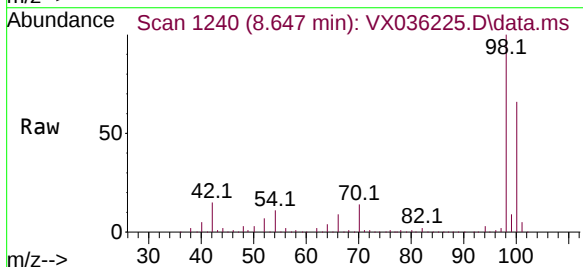
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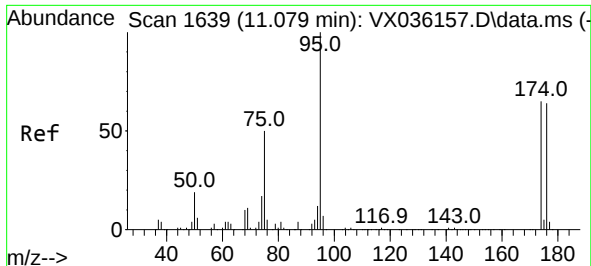
Tgt Ion: 43 Resp: 203497
Ion Ratio Lower Upper
43 100
61 17.9 15.2 22.8
87 11.5 9.8 14.6



#50
Toluene-d8
Concen: 54.735 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036225.D
Acq: 19 Jun 2023 22:43

Tgt Ion: 98 Resp: 296299
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

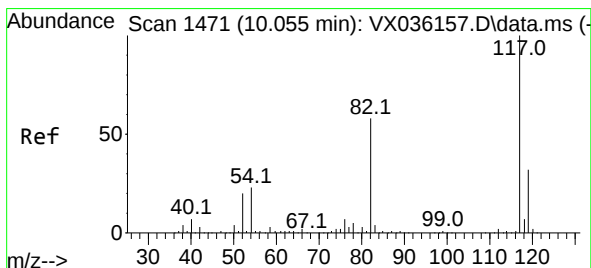
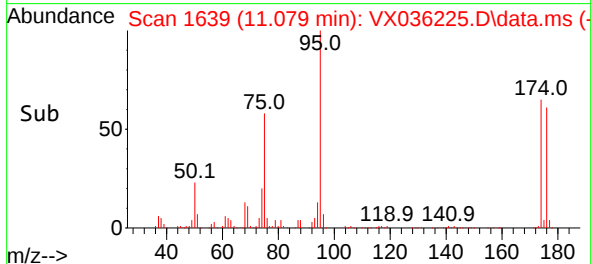
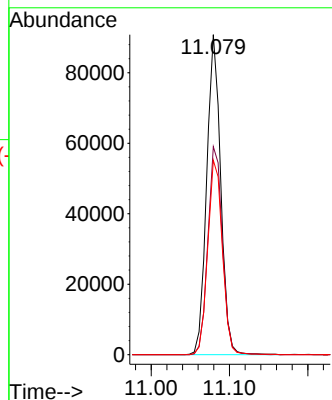
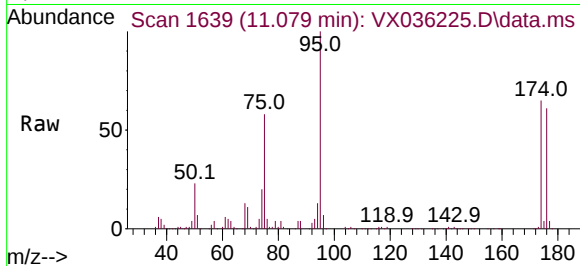




#62
4-Bromofluorobenzene
Concen: 51.426 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036225.D
Acq: 19 Jun 2023 22:43

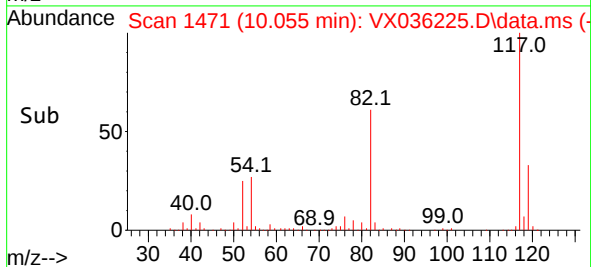
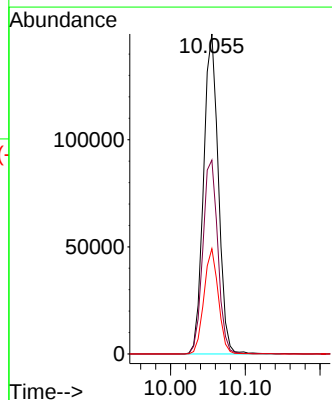
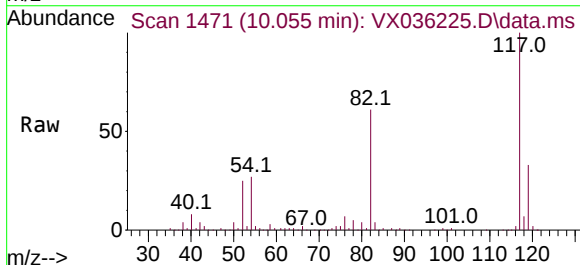
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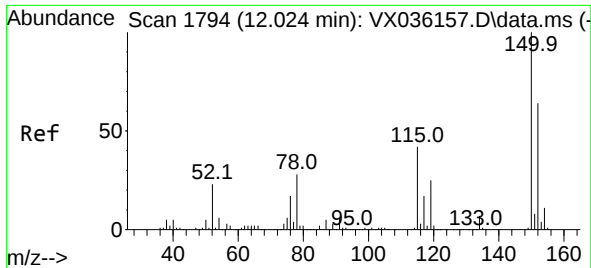
Tgt Ion: 95 Resp: 112374
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.6
176 63.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036225.D
Acq: 19 Jun 2023 22:43

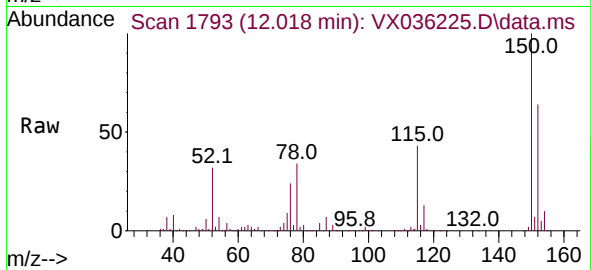
Tgt Ion: 117 Resp: 205377
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.4
119 32.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX036225.D
 Acq: 19 Jun 2023 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153531ZHE#13



Tgt Ion:152 Resp: 83055
 Ion Ratio Lower Upper
 152 100
 115 65.9 43.3 129.9
 150 155.2 0.0 345.0

