

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039475.D
 Acq On : 26 Dec 2023 18:06
 Operator : JC/MD
 Sample : PB158014ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158014ZHE#01

Quant Time: Dec 27 04:42:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

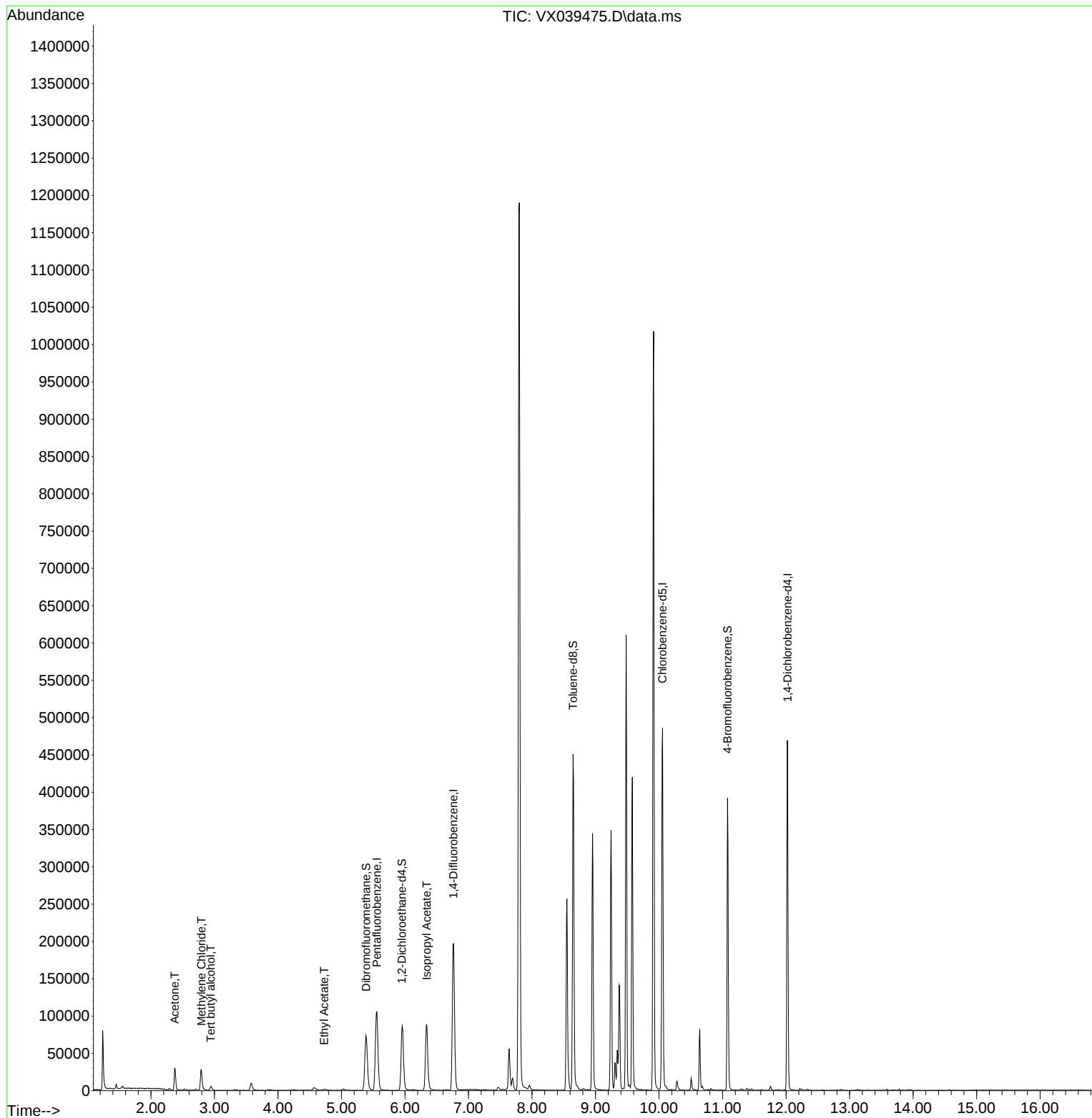
Internal Standards						
1) Pentafluorobenzene	5.555	168	91226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195104	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82157	49.161	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.320%		
35) Dibromofluoromethane	5.385	113	63591	47.179	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.360%		
50) Toluene-d8	8.646	98	256338	51.226	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.460%		
62) 4-Bromofluorobenzene	11.079	95	107216	51.930	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.860%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.940	59	3659	8.719	ug/l #	80
16) Acetone	2.373	43	31522	10.050	ug/l	96
20) Methylene Chloride	2.794	84	13193	9.470	ug/l	97
37) Ethyl Acetate	4.726	43	2851m	1.085	ug/l	
43) Isopropyl Acetate	6.342	43	125217	29.303	ug/l	99

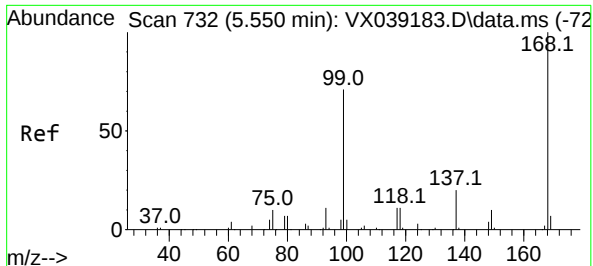
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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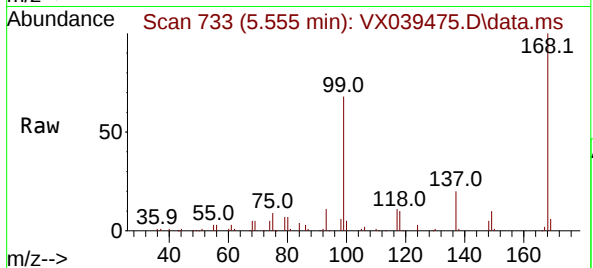
Quant Time: Dec 27 04:42:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
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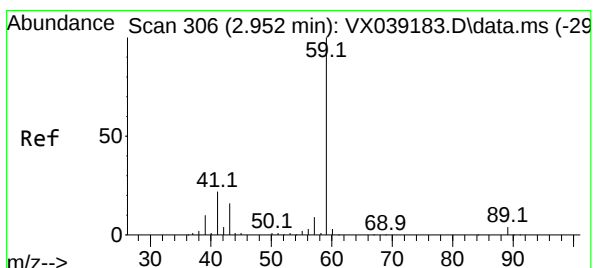
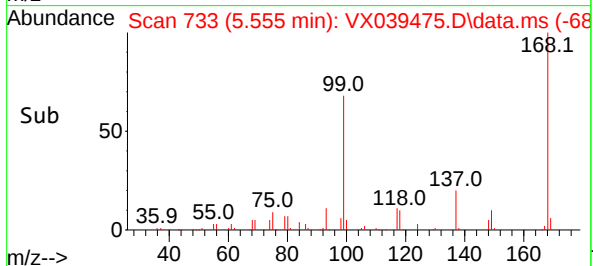
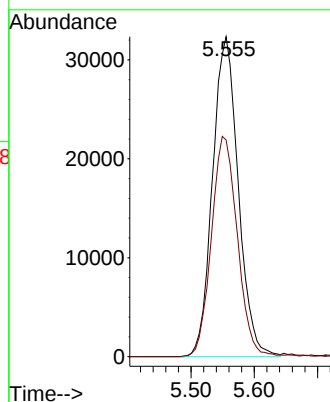


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX039475.D
Acq: 26 Dec 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#01

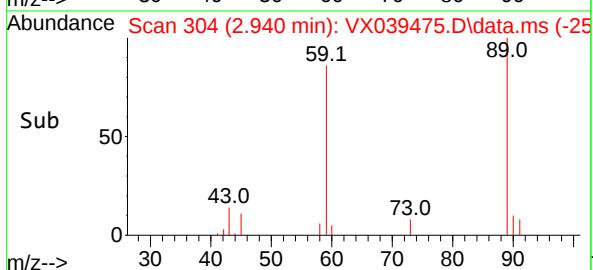
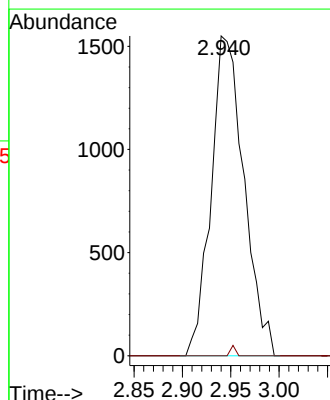
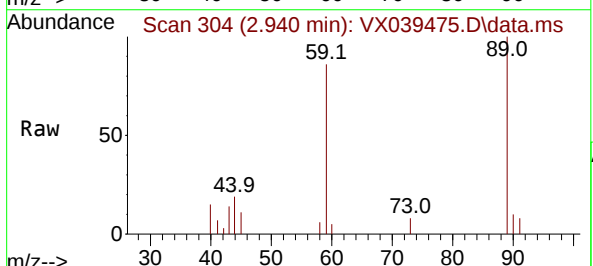


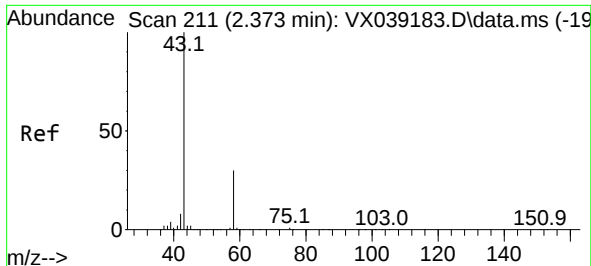
Tgt Ion:168 Resp: 91226
Ion Ratio Lower Upper
168 100
99 67.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 8.719 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039475.D
Acq: 26 Dec 2023 18:06

Tgt Ion: 59 Resp: 3659
Ion Ratio Lower Upper
59 100
57 0.5 6.0 9.0#

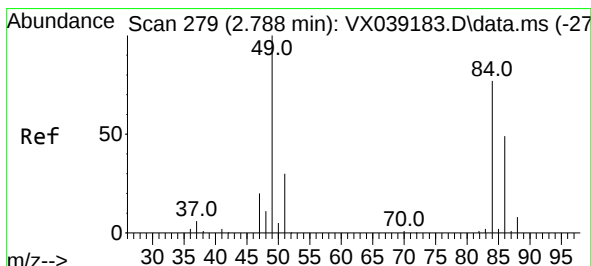
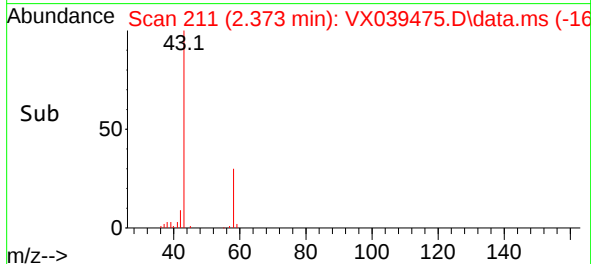
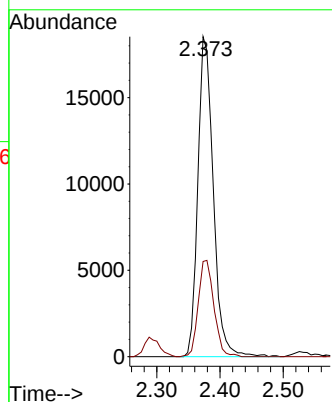
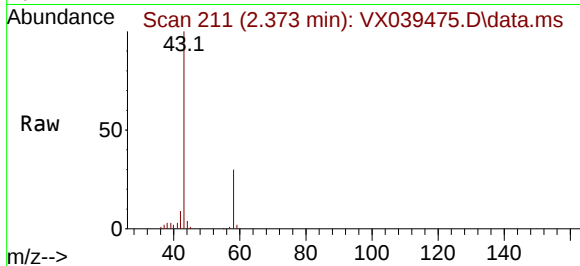




#16
Acetone
Concen: 10.050 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039475.D
Acq: 26 Dec 2023 18:06

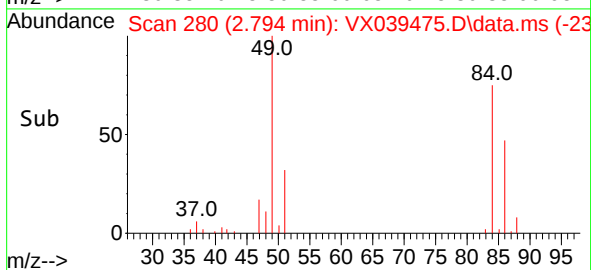
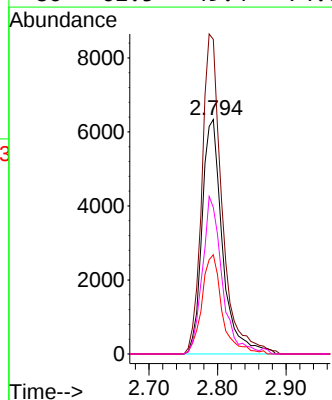
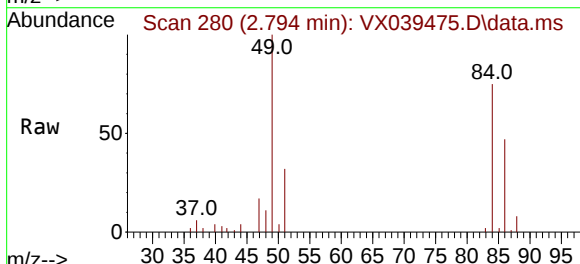
Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#01

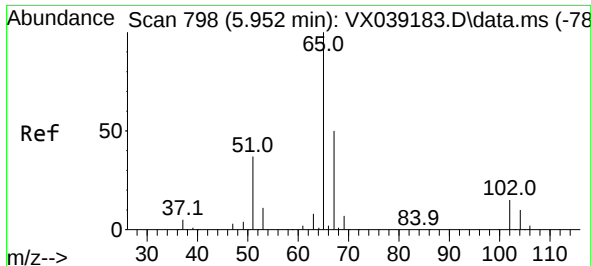
Tgt Ion: 43 Resp: 31522
Ion Ratio Lower Upper
43 100
58 29.7 21.9 32.9



#20
Methylene Chloride
Concen: 9.470 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039475.D
Acq: 26 Dec 2023 18:06

Tgt Ion: 84 Resp: 13193
Ion Ratio Lower Upper
84 100
49 134.1 103.6 155.4
51 42.3 33.8 50.6
86 62.5 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 49.161 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039475.D

Acq: 26 Dec 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

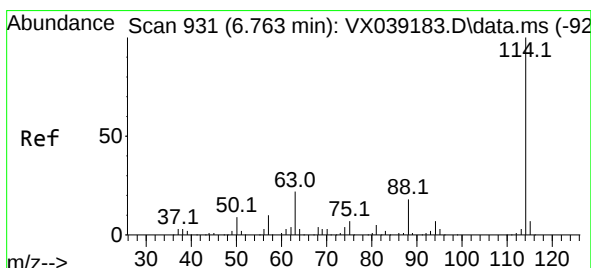
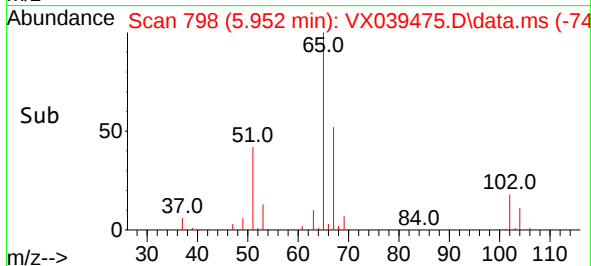
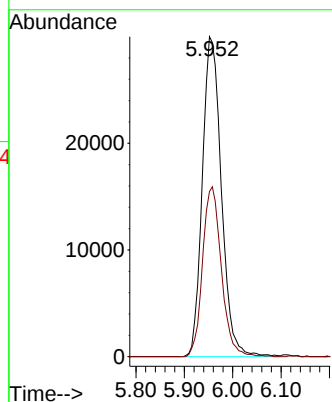
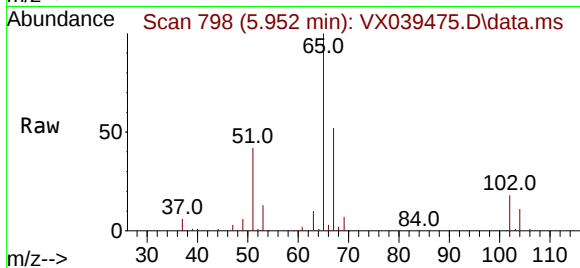
PB158014ZHE#01

Tgt Ion: 65 Resp: 82157

Ion Ratio Lower Upper

65 100

67 52.4 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: VX039475.D

Acq: 26 Dec 2023 18:06

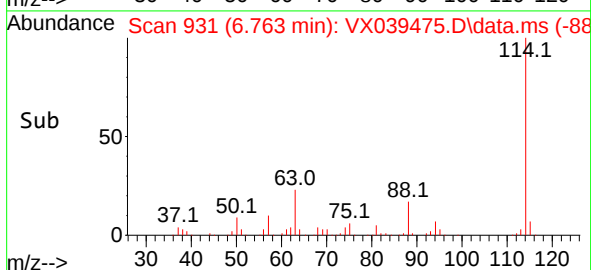
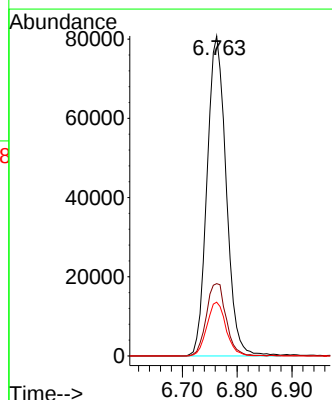
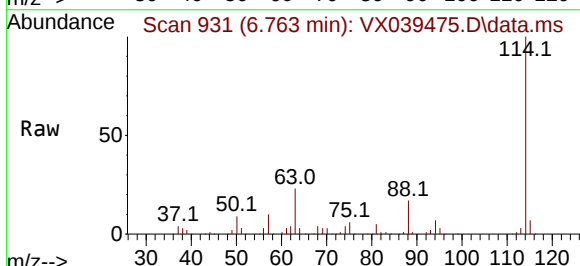
Tgt Ion: 114 Resp: 195104

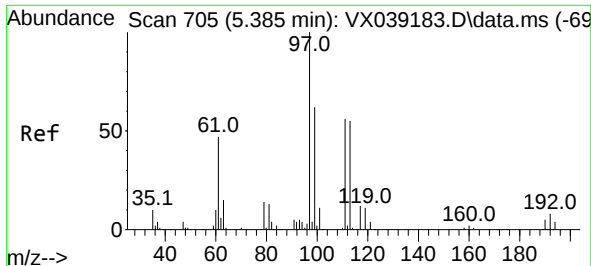
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

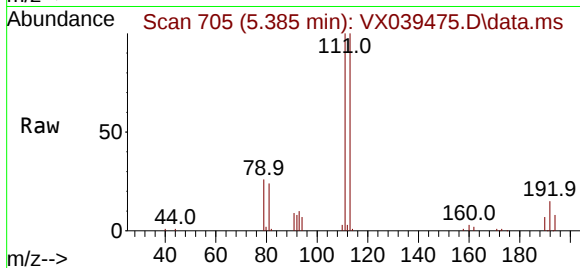
88 16.8 0.0 36.6



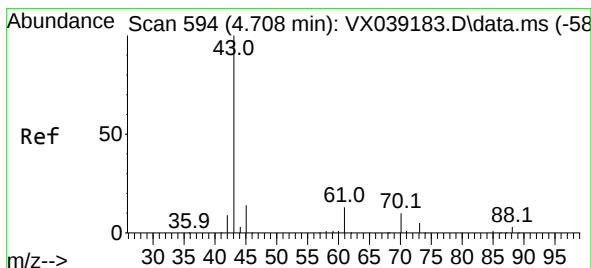
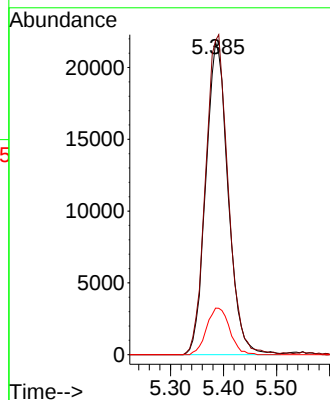
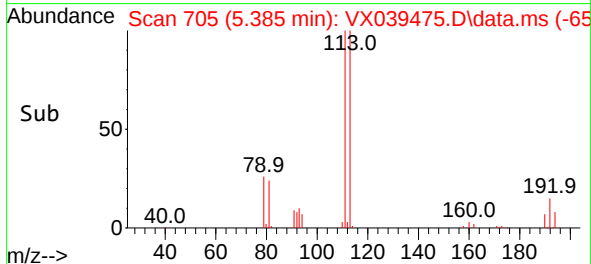


#35
Dibromofluoromethane
Concen: 47.179 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039475.D
Acq: 26 Dec 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#01

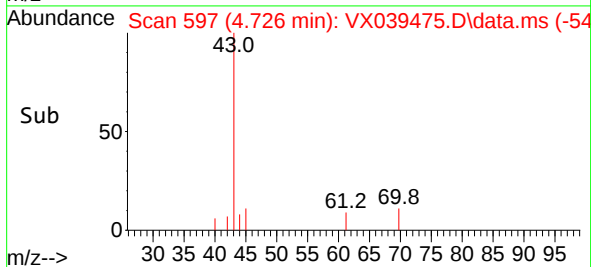
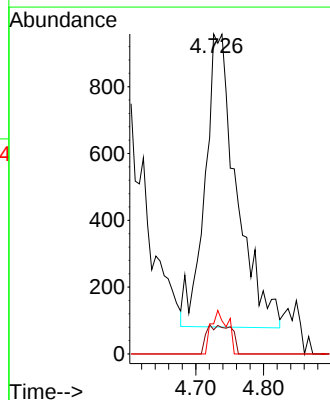
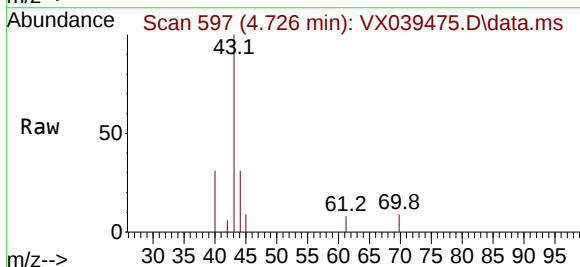


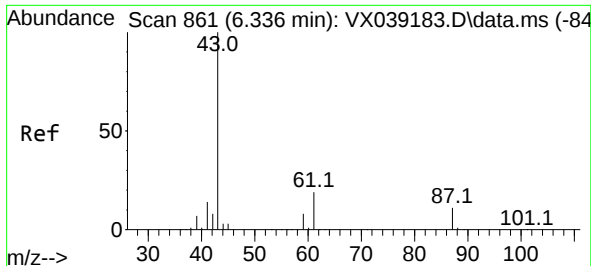
Tgt Ion:113 Resp: 63591
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 15.4 13.3 19.9



#37
Ethyl Acetate
Concen: 1.085 ug/l m
RT: 4.726 min Scan# 597
Delta R.T. 0.018 min
Lab File: VX039475.D
Acq: 26 Dec 2023 18:06

Tgt Ion: 43 Resp: 2851
Ion Ratio Lower Upper
43 100
61 7.8 10.6 16.0#
70 7.6 8.3 12.5#

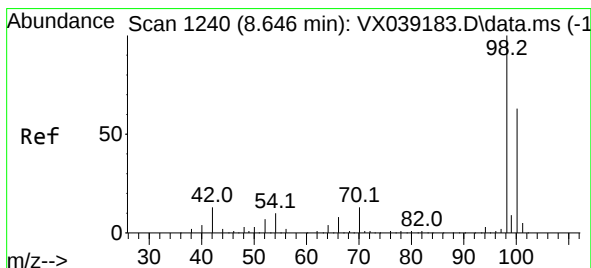
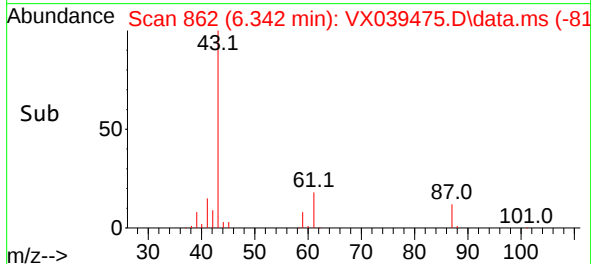
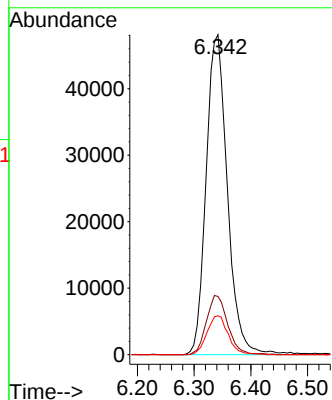
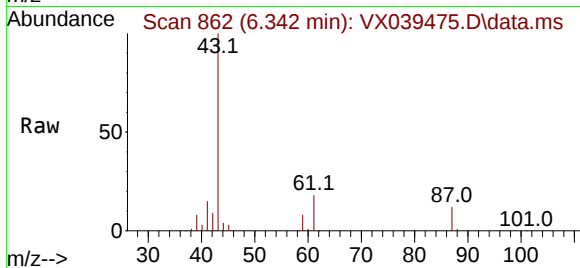




#43
Isopropyl Acetate
Concen: 29.303 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039475.D
Acq: 26 Dec 2023 18:06

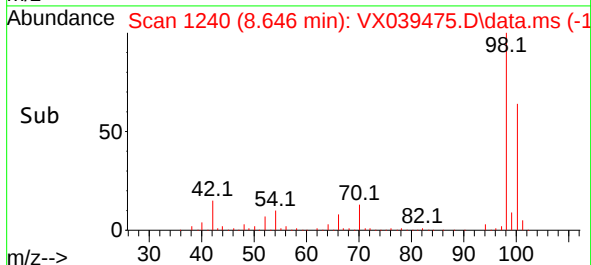
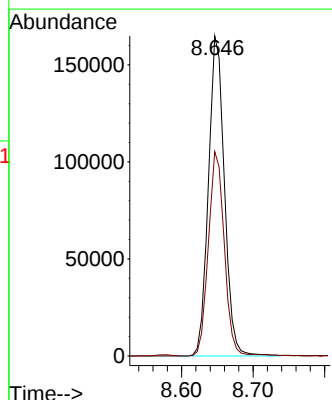
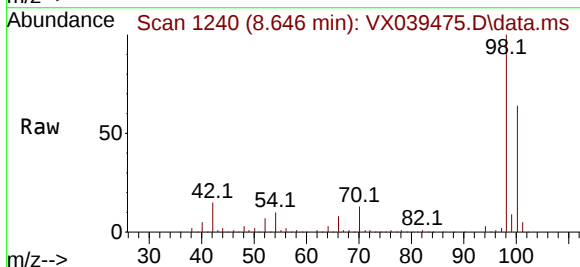
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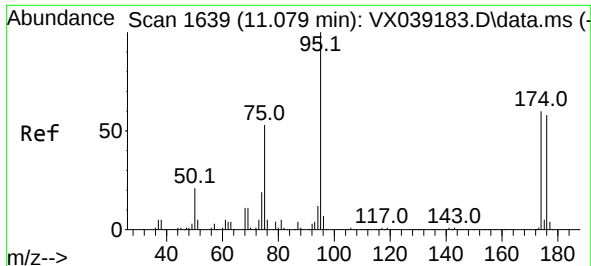
Tgt Ion: 43 Resp: 125217
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.1 9.8 14.6



#50
Toluene-d8
Concen: 51.226 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039475.D
Acq: 26 Dec 2023 18:06

Tgt Ion: 98 Resp: 256338
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

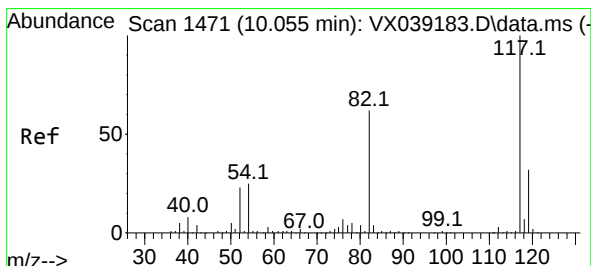
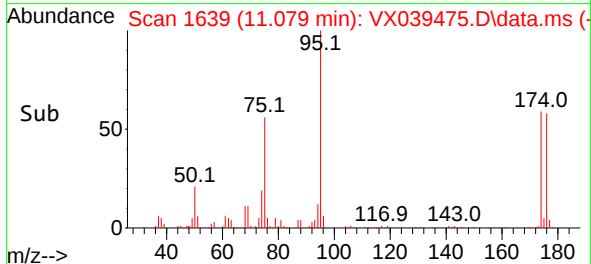
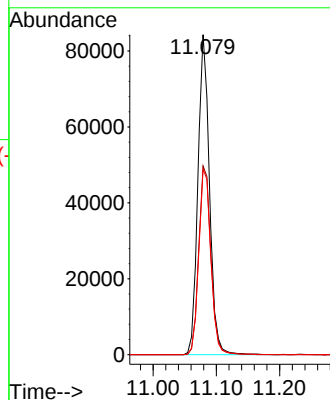
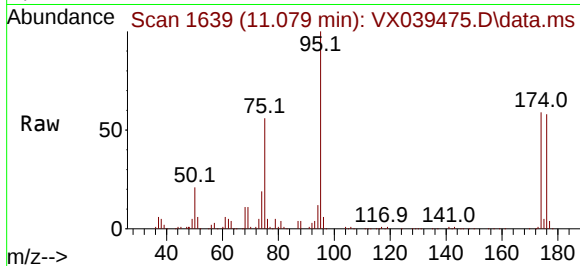




#62
4-Bromofluorobenzene
Concen: 51.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039475.D
Acq: 26 Dec 2023 18:06

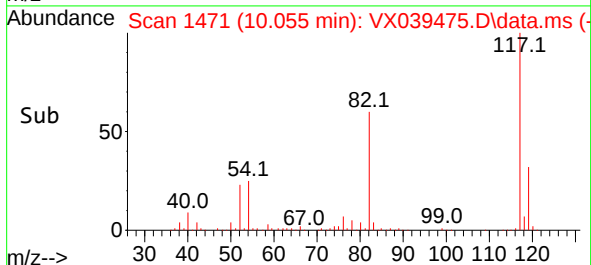
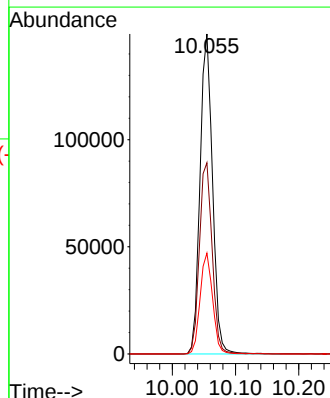
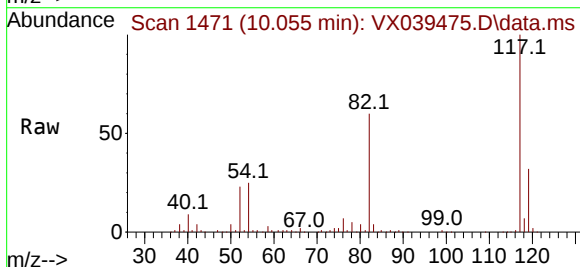
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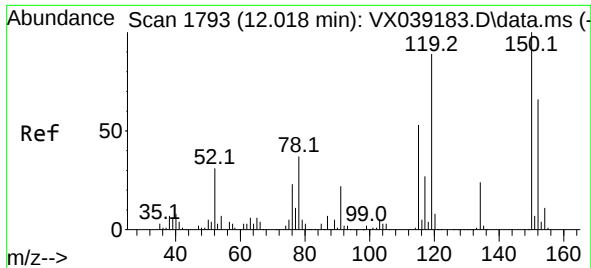
Tgt Ion: 95 Resp: 107216
Ion Ratio Lower Upper
95 100
174 62.6 0.0 135.6
176 60.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039475.D
Acq: 26 Dec 2023 18:06

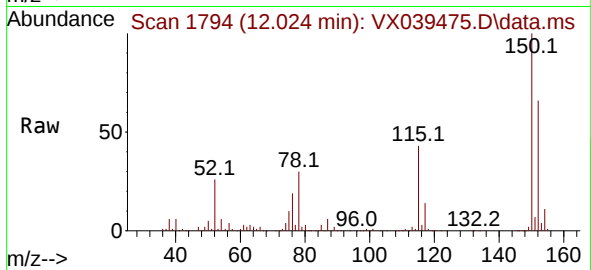
Tgt Ion: 117 Resp: 205277
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 31.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039475.D
 Acq: 26 Dec 2023 18:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158014ZHE#01



Tgt Ion:152 Resp: 89631
 Ion Ratio Lower Upper
 152 100
 115 67.5 43.3 129.9
 150 157.7 0.0 345.0

