

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039160.D
 Acq On : 12 Dec 2023 13:08
 Operator : JC/MD
 Sample : 05639-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E8965C-CC-001

Quant Time: Dec 13 04:15:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

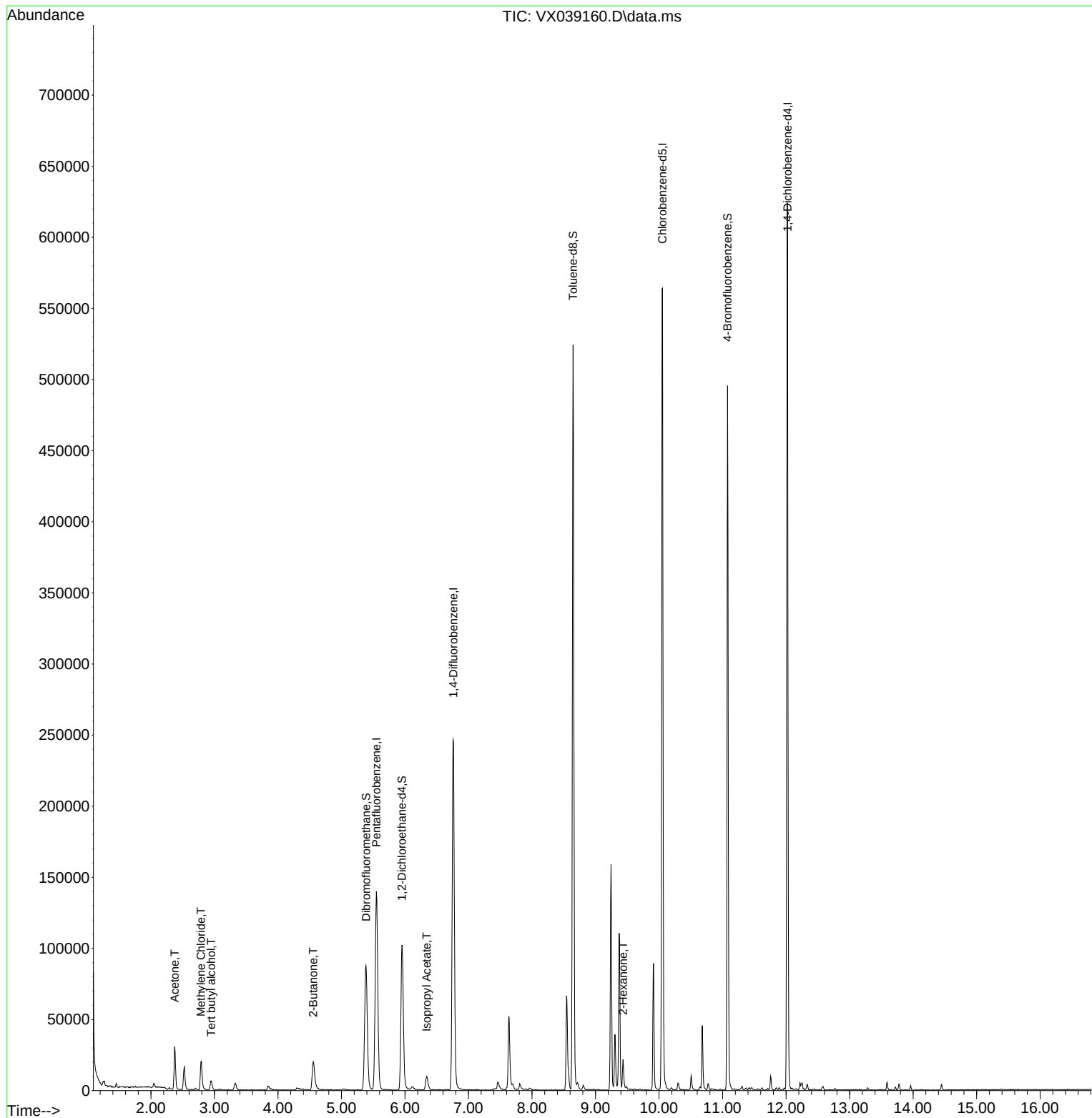
Internal Standards						
1) Pentafluorobenzene	5.550	168	121089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101226	51.880	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.760%	
35) Dibromofluoromethane	5.385	113	78344	44.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 88.660%	
50) Toluene-d8	8.647	98	309915	45.833	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.660%#	
62) 4-Bromofluorobenzene	11.079	95	136728	50.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	7644	14.086	ug/l #	92
16) Acetone	2.373	43	31236	30.073	ug/l	94
20) Methylene Chloride	2.788	84	10088	5.388	ug/l	98
25) 2-Butanone	4.556	43	33751	20.038	ug/l	97
43) Isopropyl Acetate	6.342	43	14617	2.772	ug/l	99
59) 2-Hexanone	9.433	43	13647	5.052	ug/l	96

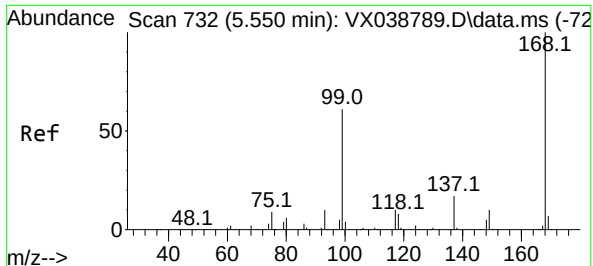
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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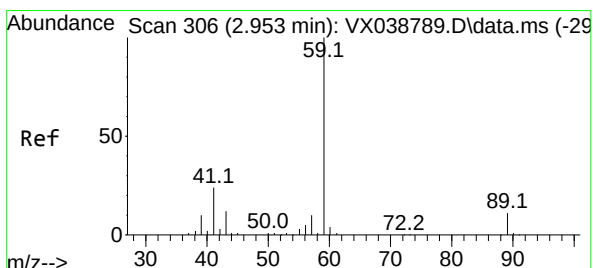
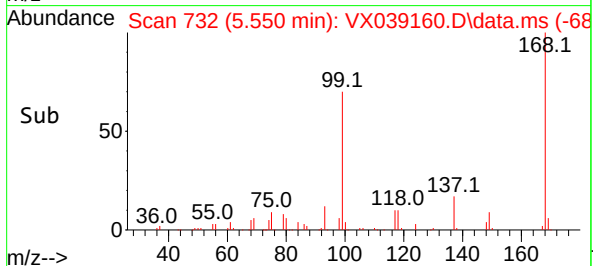
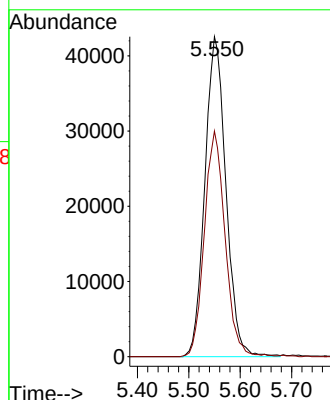
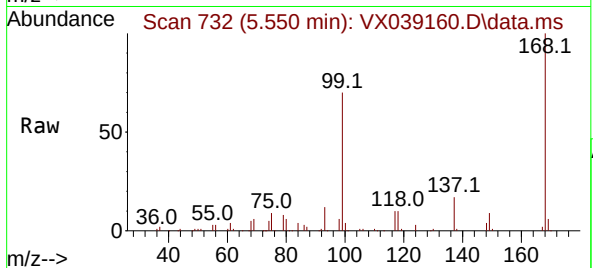




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039160.D
Acq: 12 Dec 2023 13:08

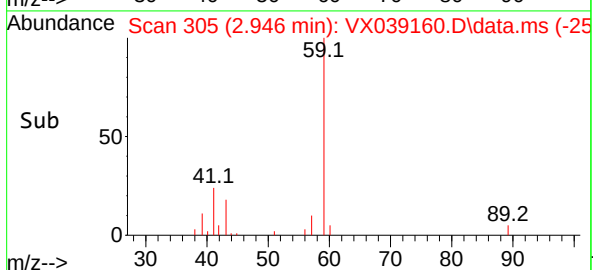
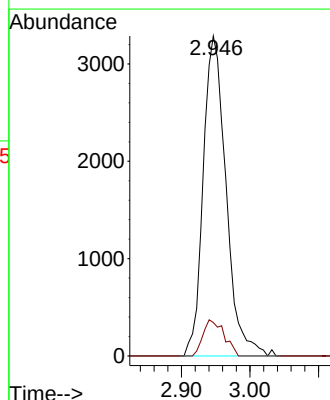
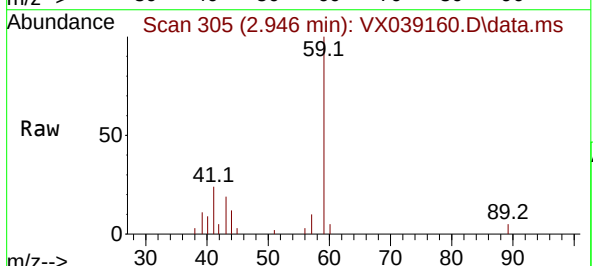
Instrument :
MSVOA_X
ClientSampleId :
E8965C-CC-001

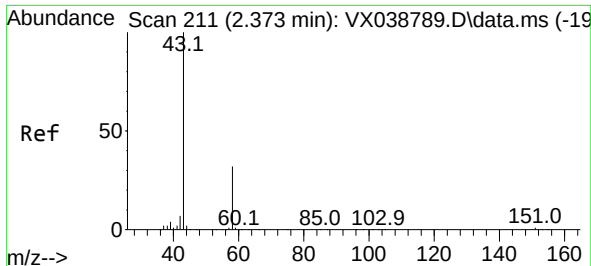
Tgt Ion:168 Resp: 121089
Ion Ratio Lower Upper
168 100
99 70.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 14.086 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039160.D
Acq: 12 Dec 2023 13:08

Tgt Ion: 59 Resp: 7644
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0#

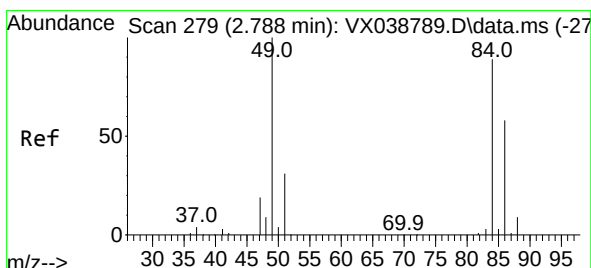
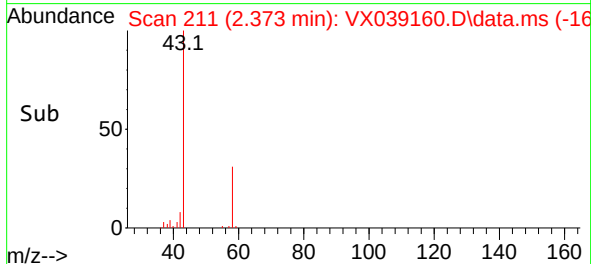
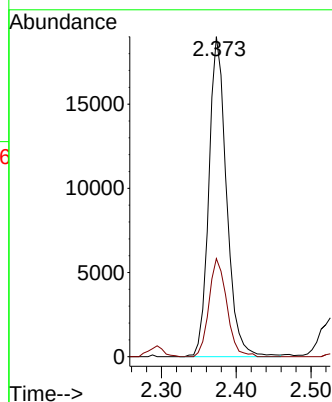
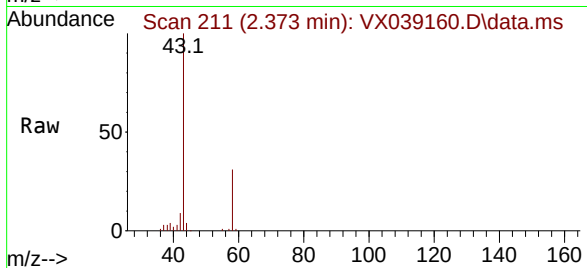




#16
Acetone
Concen: 30.073 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039160.D
Acq: 12 Dec 2023 13:08

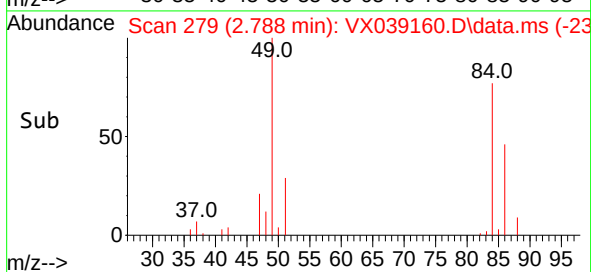
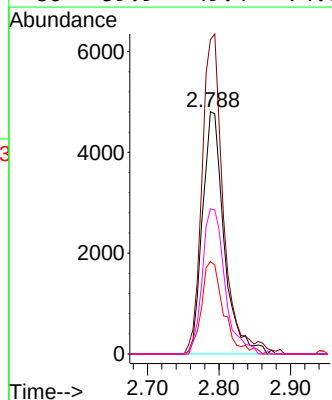
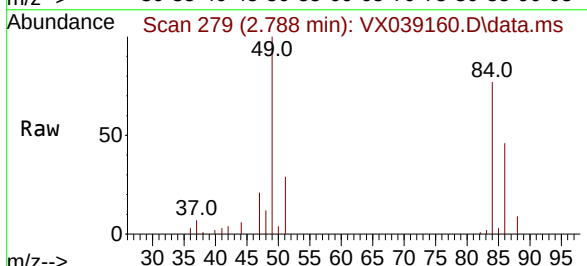
Instrument :
MSVOA_X
ClientSampleId :
E8965C-CC-001

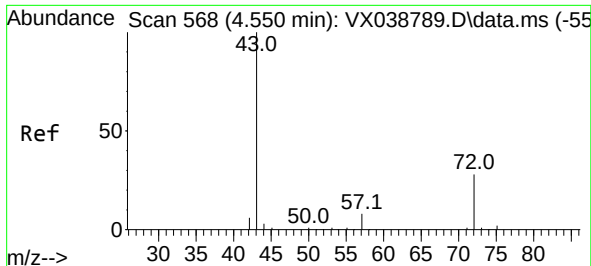
Tgt Ion: 43 Resp: 31236
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9



#20
Methylene Chloride
Concen: 5.388 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039160.D
Acq: 12 Dec 2023 13:08

Tgt Ion: 84 Resp: 10088
Ion Ratio Lower Upper
84 100
49 129.8 103.6 155.4
51 38.1 33.8 50.6
86 59.9 49.4 74.0

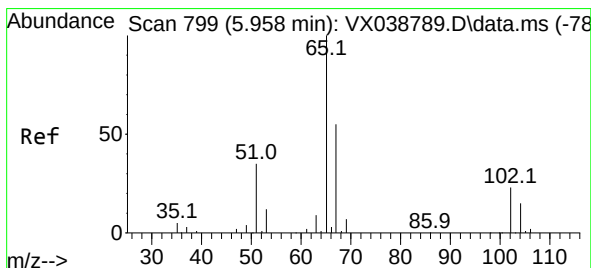
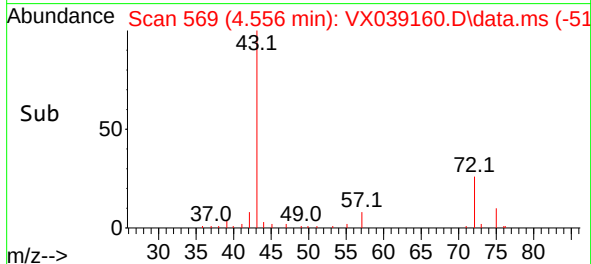
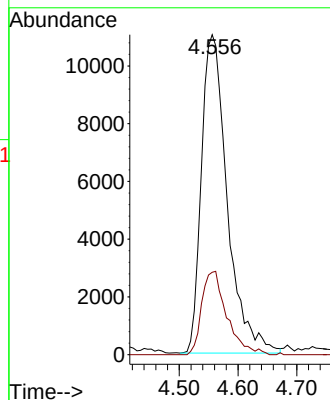
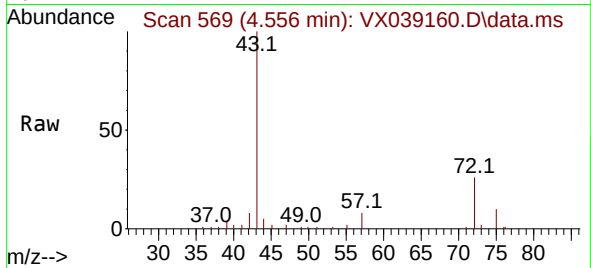




#25
2-Butanone
Concen: 20.038 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX039160.D
Acq: 12 Dec 2023 13:08

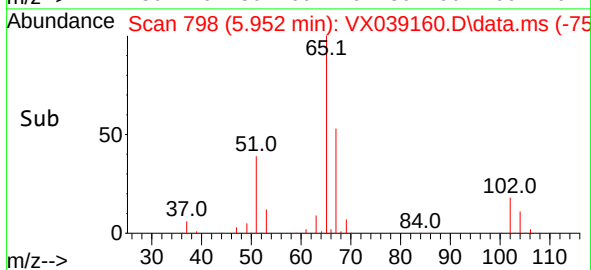
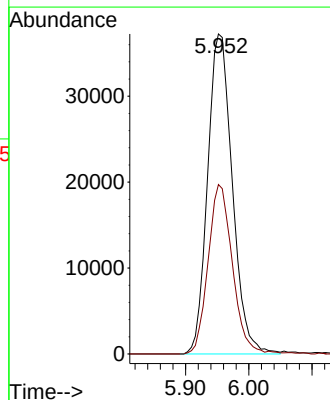
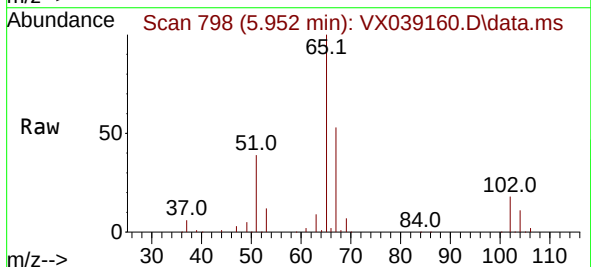
Instrument :
MSVOA_X
ClientSampleId :
E8965C-CC-001

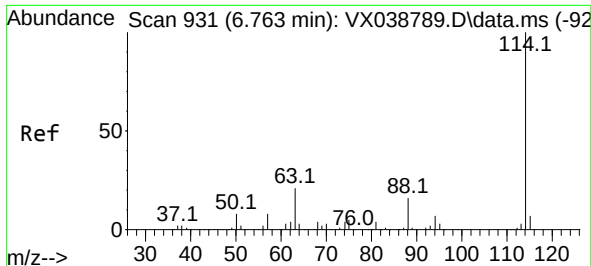
Tgt Ion: 43 Resp: 33751
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 51.880 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039160.D
Acq: 12 Dec 2023 13:08

Tgt Ion: 65 Resp: 101226
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

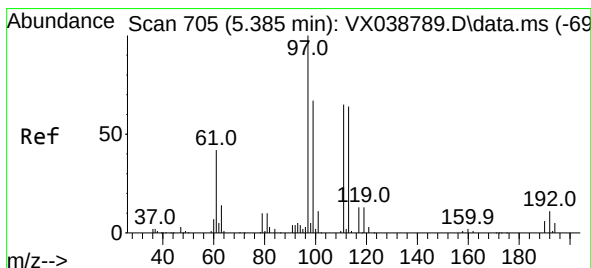
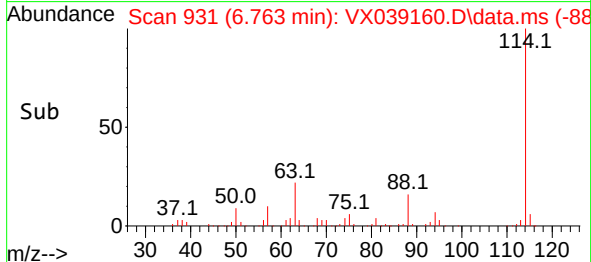
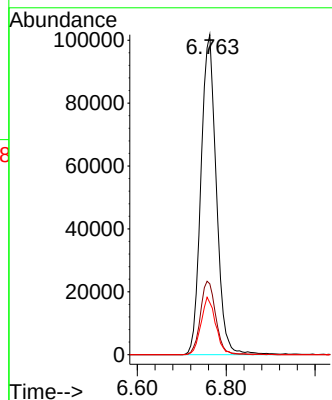
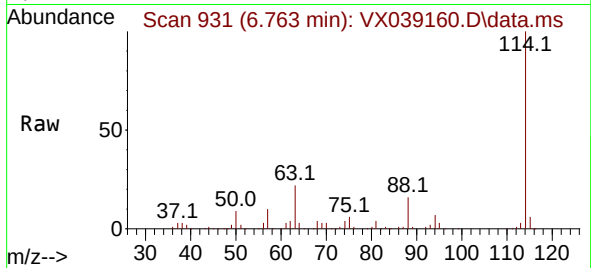




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039160.D
Acq: 12 Dec 2023 13:08

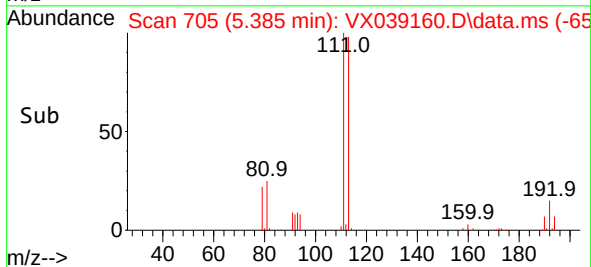
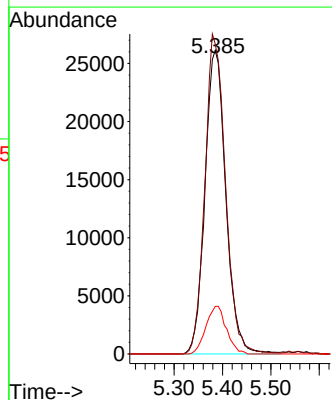
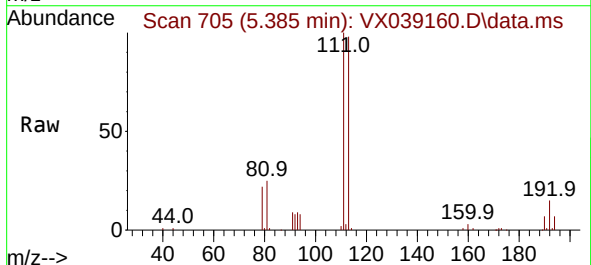
Instrument :
MSVOA_X
ClientSampleId :
E8965C-CC-001

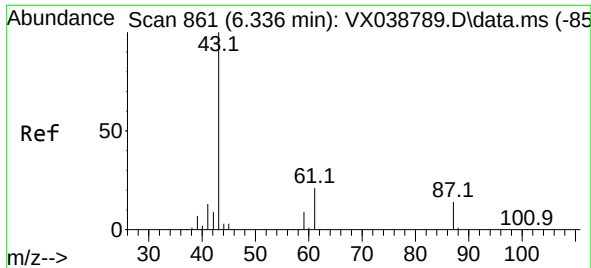
Tgt Ion:114 Resp: 244706
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.329 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039160.D
Acq: 12 Dec 2023 13:08

Tgt Ion:113 Resp: 78344
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 15.4 13.3 19.9

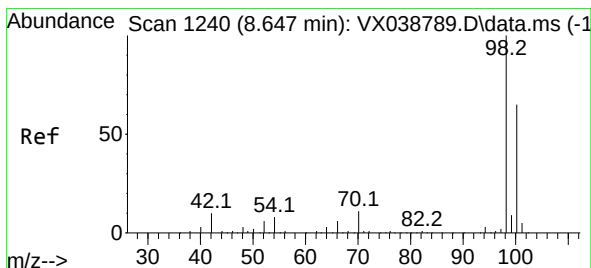
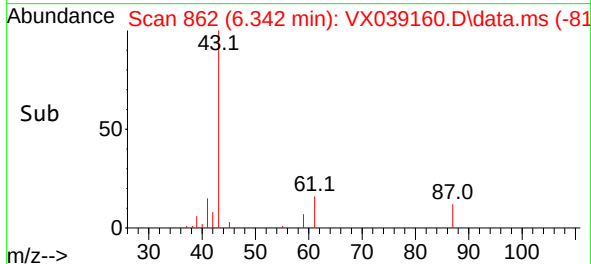
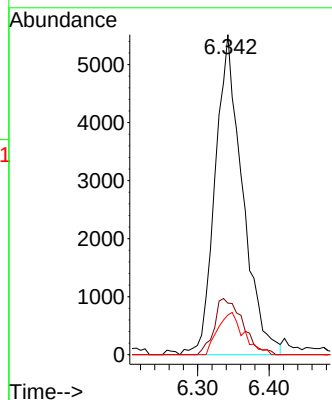
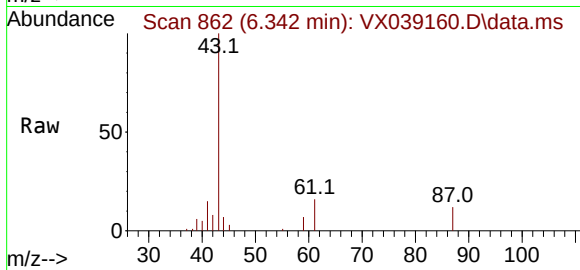




#43
Isopropyl Acetate
Concen: 2.772 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX039160.D
Acq: 12 Dec 2023 13:08

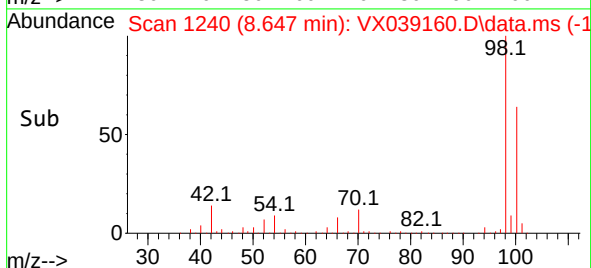
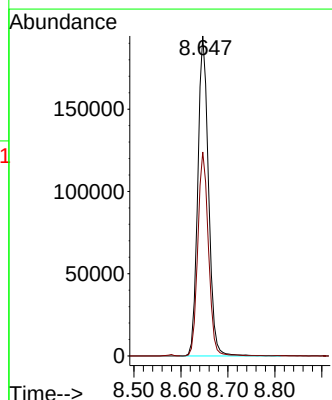
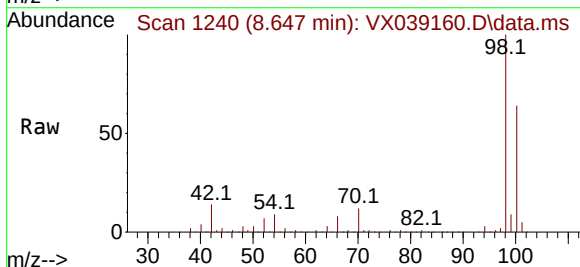
Instrument :
MSVOA_X
ClientSampleId :
E8965C-CC-001

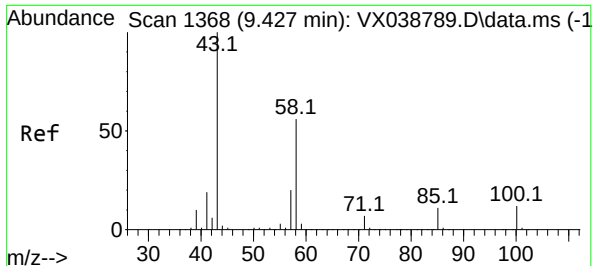
Tgt Ion: 43 Resp: 14617
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 12.5 9.8 14.6



#50
Toluene-d8
Concen: 45.833 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039160.D
Acq: 12 Dec 2023 13:08

Tgt Ion: 98 Resp: 309915
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7





#59

2-Hexanone

Concen: 5.052 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX039160.D

Acq: 12 Dec 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

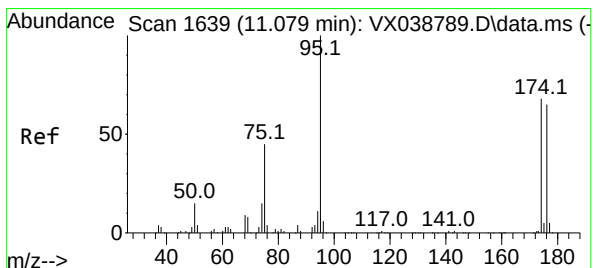
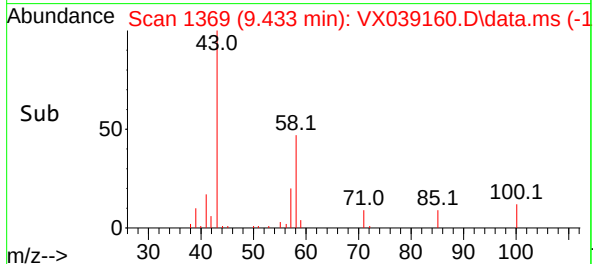
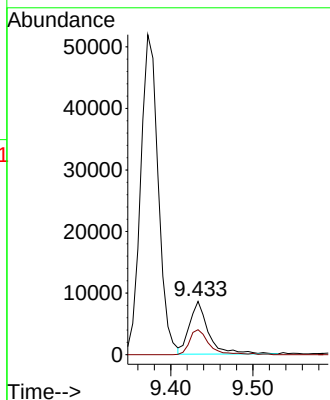
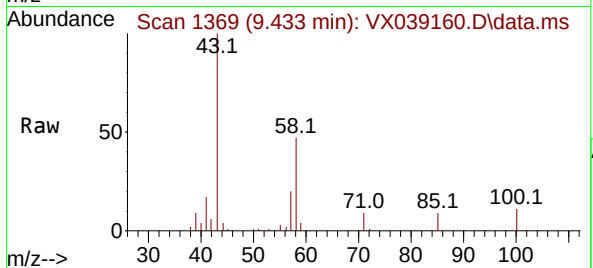
E8965C-CC-001

Tgt Ion: 43 Resp: 13647

Ion Ratio Lower Upper

43 100

58 49.2 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 50.512 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX039160.D

Acq: 12 Dec 2023 13:08

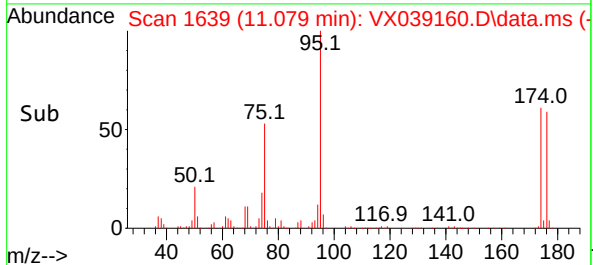
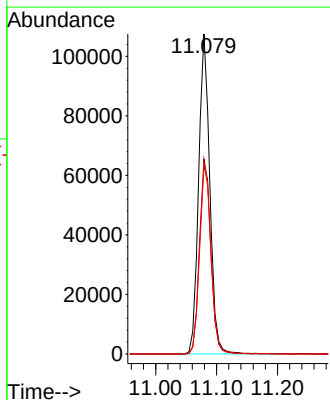
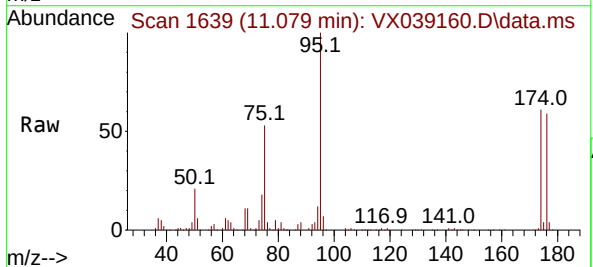
Tgt Ion: 95 Resp: 136728

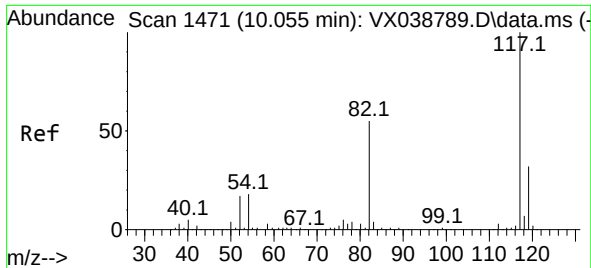
Ion Ratio Lower Upper

95 100

174 62.3 0.0 135.6

176 60.1 0.0 131.0

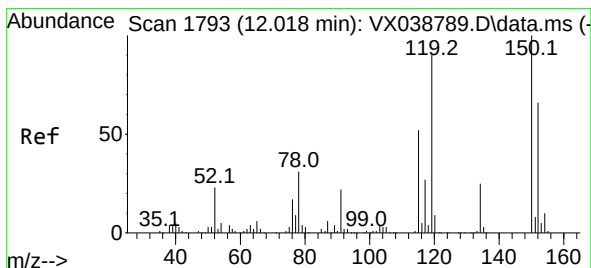
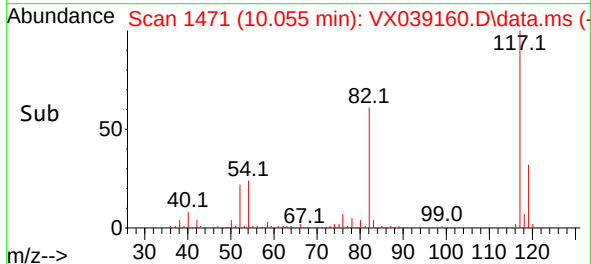
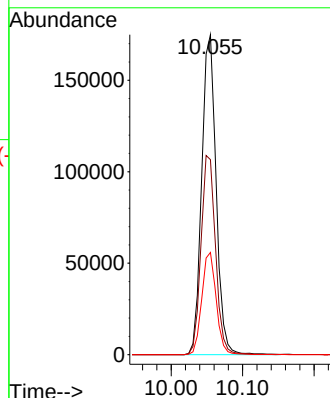
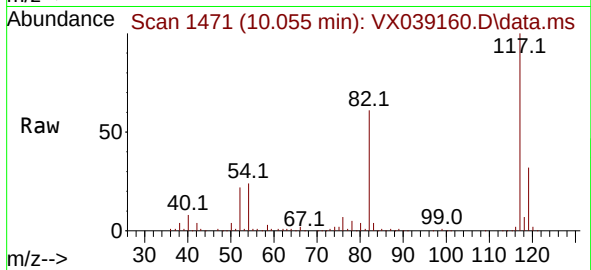




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039160.D
Acq: 12 Dec 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
E8965C-CC-001

Tgt Ion:117 Resp: 245001
Ion Ratio Lower Upper
117 100
82 61.0 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. 0.006 min
Lab File: VX039160.D
Acq: 12 Dec 2023 13:08

Tgt Ion:152 Resp: 118095
Ion Ratio Lower Upper
152 100
115 67.4 43.3 129.9
150 159.2 0.0 345.0

