

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039161.D
 Acq On : 12 Dec 2023 13:31
 Operator : JC/MD
 Sample : 05671-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-35

Quant Time: Dec 13 04:15:30 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)

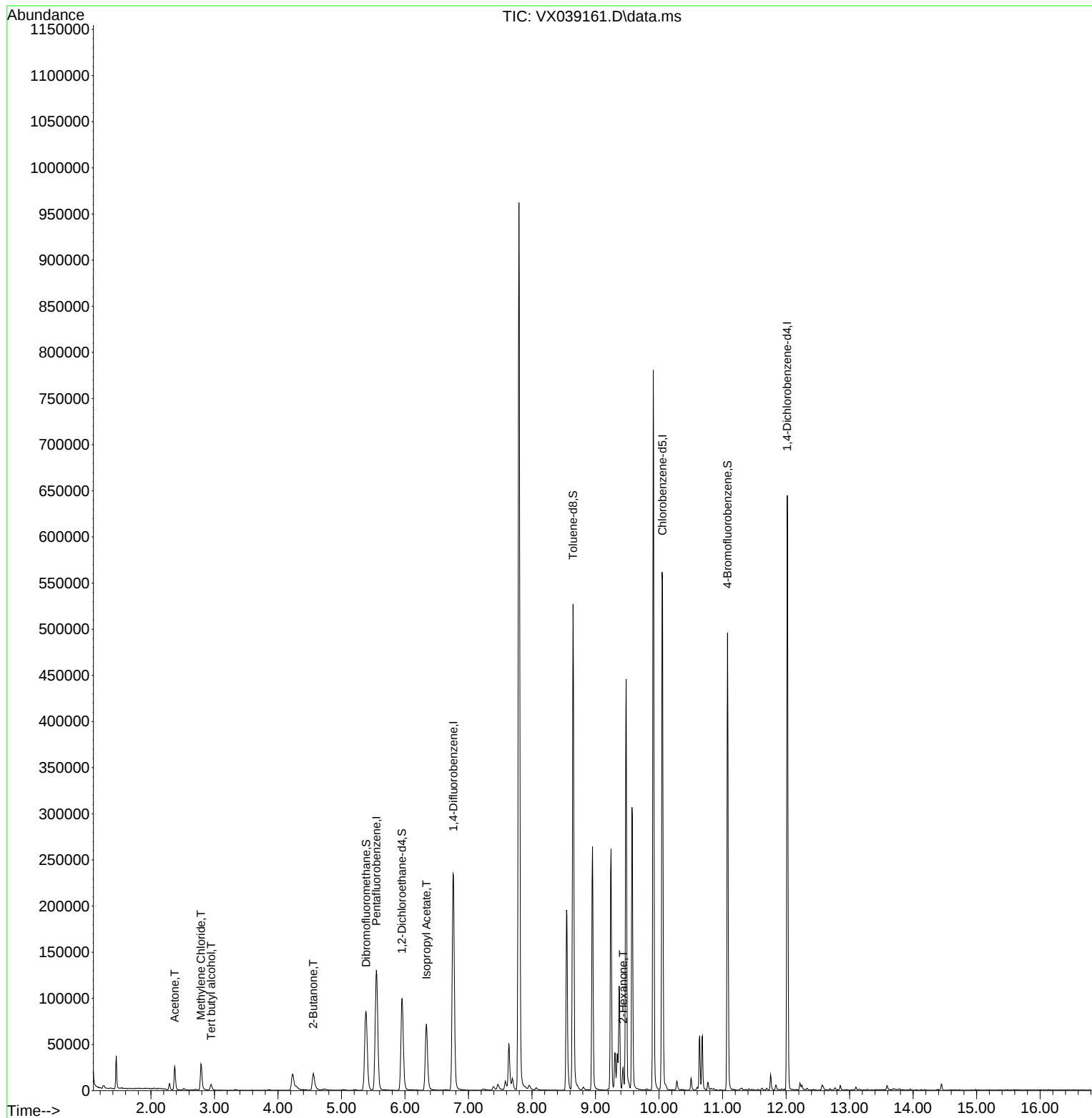
Internal Standards						
1) Pentafluorobenzene	5.550	168	112757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	120075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98831	54.395	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.800%	
35) Dibromofluoromethane	5.385	113	76660	45.657	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.320%	
50) Toluene-d8	8.647	98	296204	46.108	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.220%	
62) 4-Bromofluorobenzene	11.079	95	136041	52.901	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	7352	14.549	ug/l #	92
16) Acetone	2.374	43	26375	27.269	ug/l	93
20) Methylene Chloride	2.788	84	13249	7.599	ug/l	94
25) 2-Butanone	4.556	43	31428	20.037	ug/l	99
43) Isopropyl Acetate	6.336	43	102298	20.416	ug/l	99
59) 2-Hexanone	9.433	43	14318	5.579	ug/l	97

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

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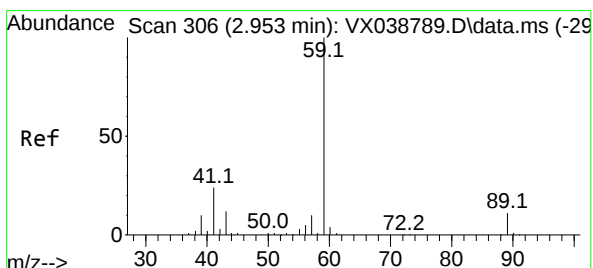
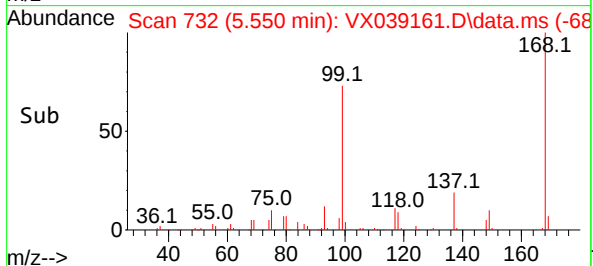
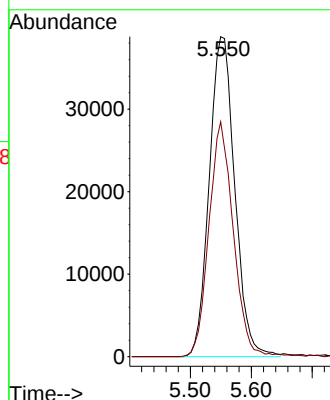
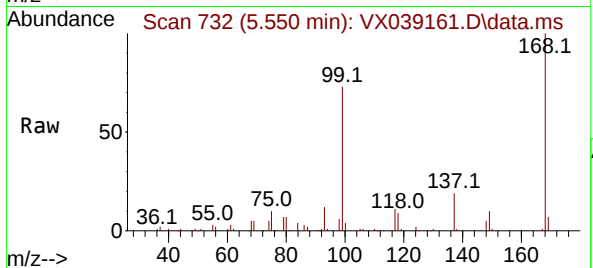




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039161.D
Acq: 12 Dec 2023 13:31

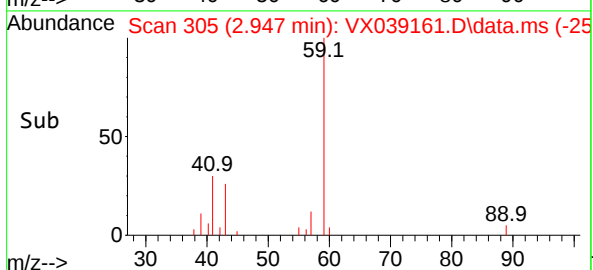
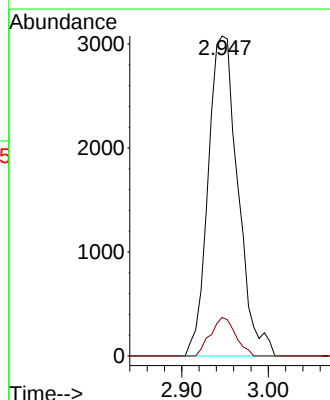
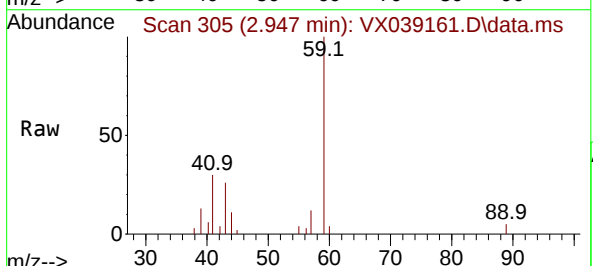
Instrument :
MSVOA_X
ClientSampleId :
TP-35

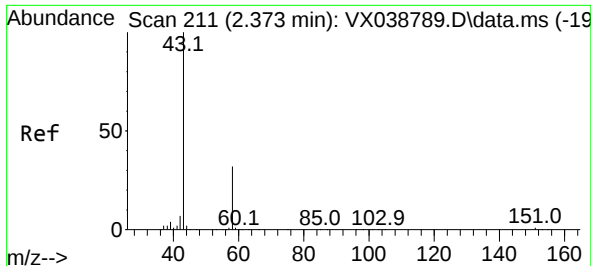
Tgt Ion:168 Resp: 112757
Ion Ratio Lower Upper
168 100
99 73.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 14.549 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039161.D
Acq: 12 Dec 2023 13:31

Tgt Ion: 59 Resp: 7352
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0#

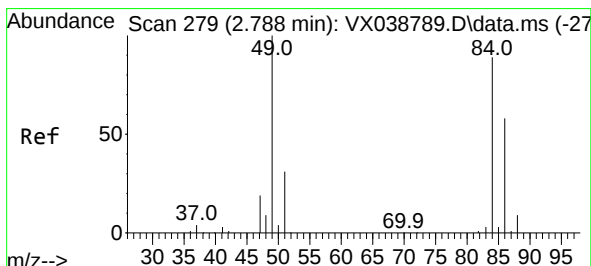
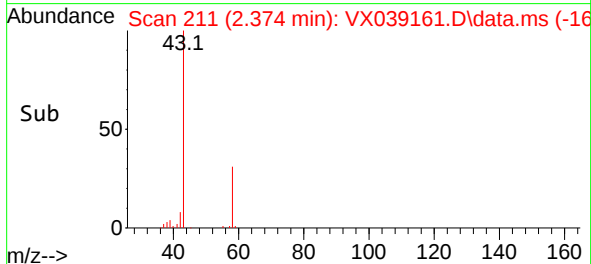
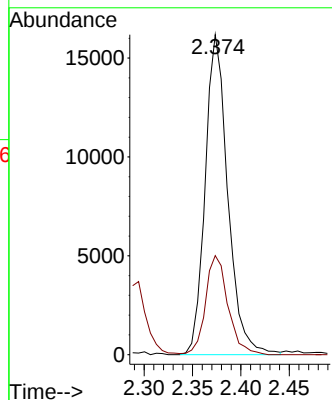
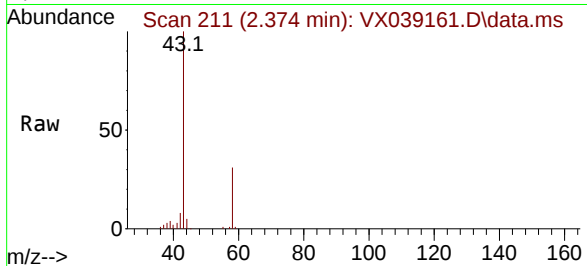




#16
Acetone
Concen: 27.269 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039161.D
Acq: 12 Dec 2023 13:31

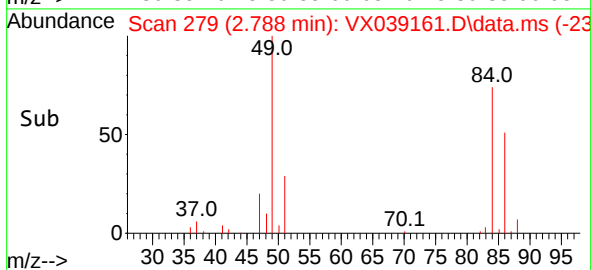
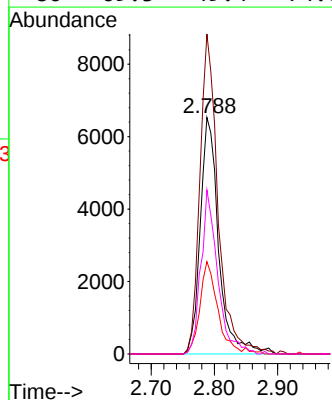
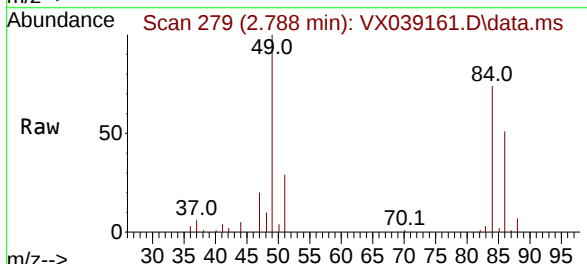
Instrument :
MSVOA_X
ClientSampleId :
TP-35

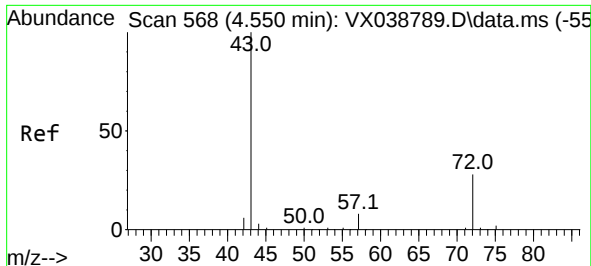
Tgt Ion: 43 Resp: 26375
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9



#20
Methylene Chloride
Concen: 7.599 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039161.D
Acq: 12 Dec 2023 13:31

Tgt Ion: 84 Resp: 13249
Ion Ratio Lower Upper
84 100
49 135.3 103.6 155.4
51 39.1 33.8 50.6
86 69.3 49.4 74.0

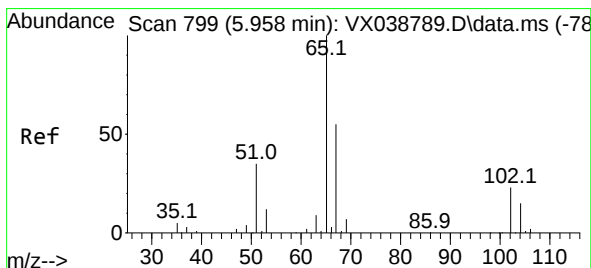
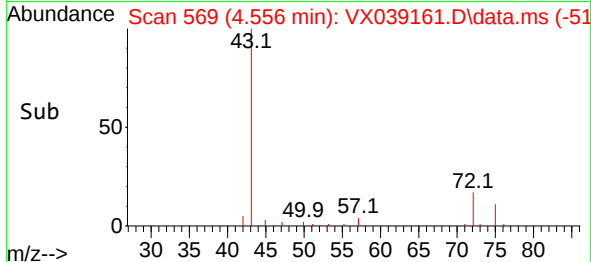
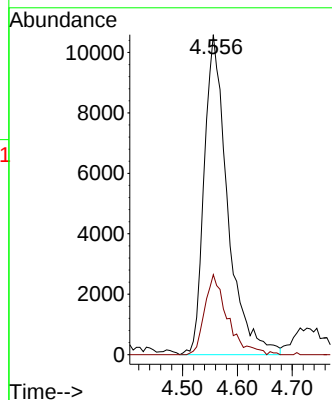
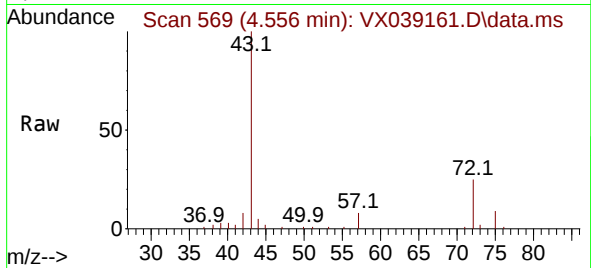




#25
2-Butanone
Concen: 20.037 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX039161.D
Acq: 12 Dec 2023 13:31

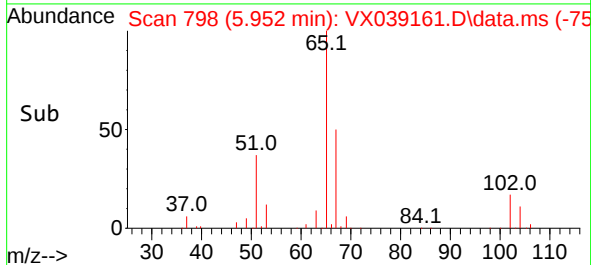
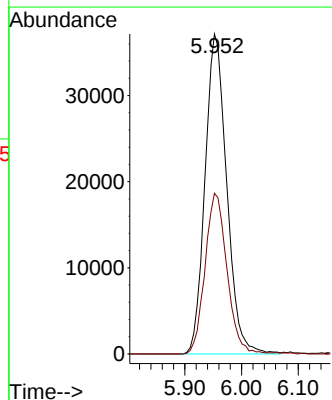
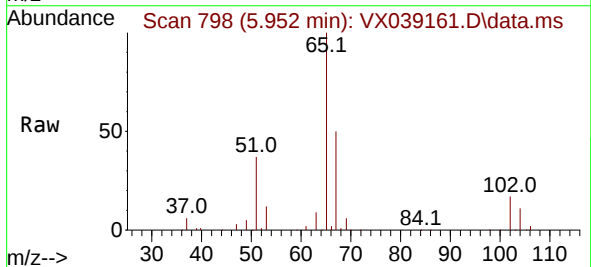
Instrument :
MSVOA_X
ClientSampleId :
TP-35

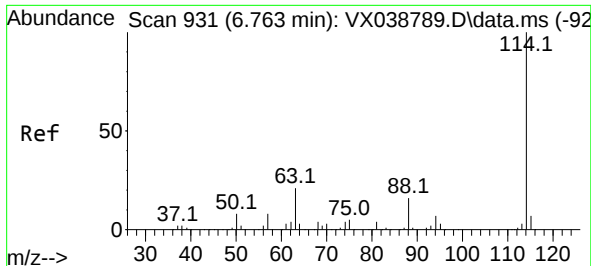
Tgt Ion: 43 Resp: 31428
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 54.395 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039161.D
Acq: 12 Dec 2023 13:31

Tgt Ion: 65 Resp: 98831
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

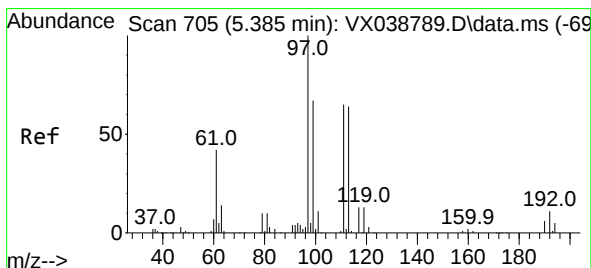
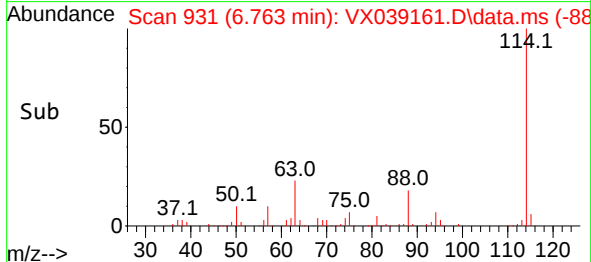
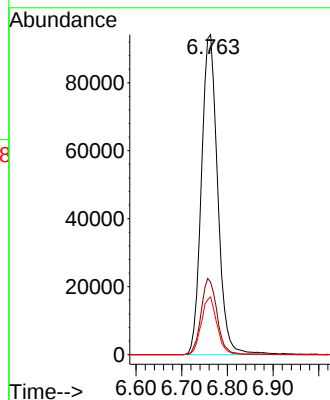
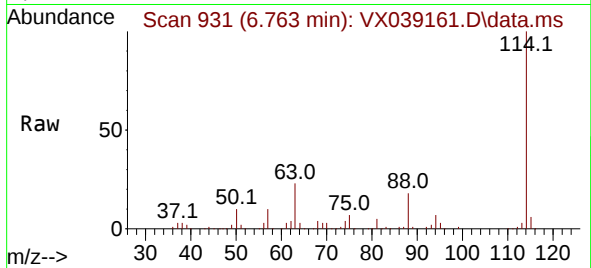




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039161.D
Acq: 12 Dec 2023 13:31

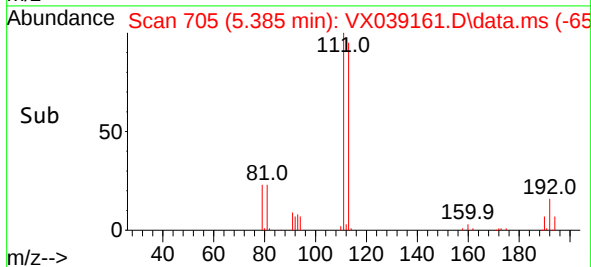
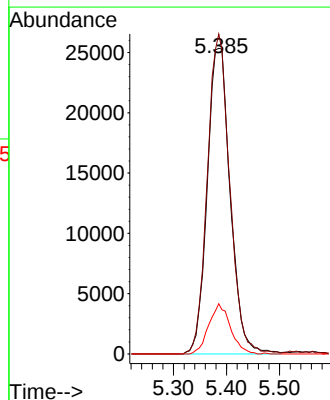
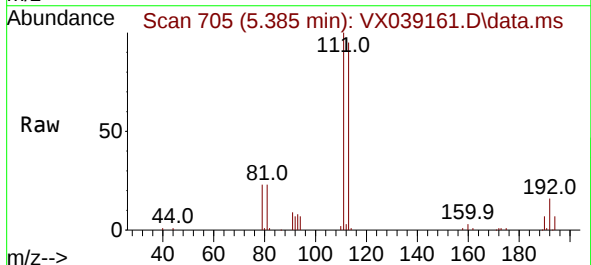
Instrument :
MSVOA_X
ClientSampleId :
TP-35

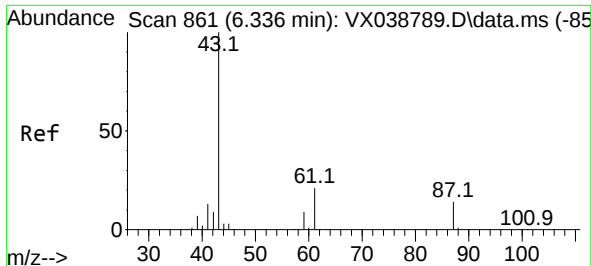
Tgt Ion:114 Resp: 232484
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 18.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.657 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039161.D
Acq: 12 Dec 2023 13:31

Tgt Ion:113 Resp: 76660
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 15.4 13.3 19.9

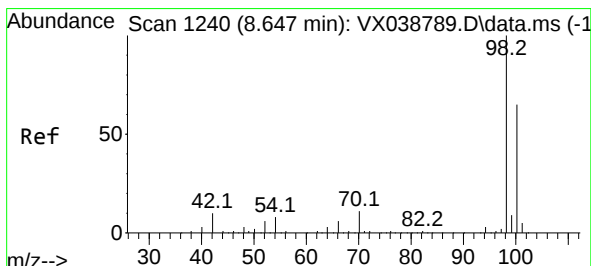
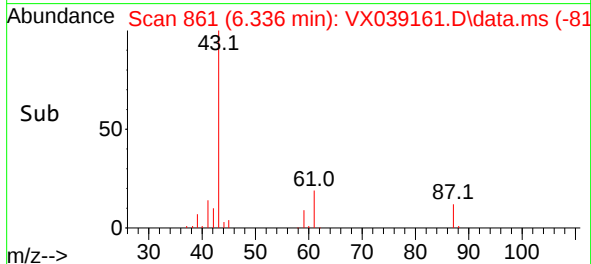
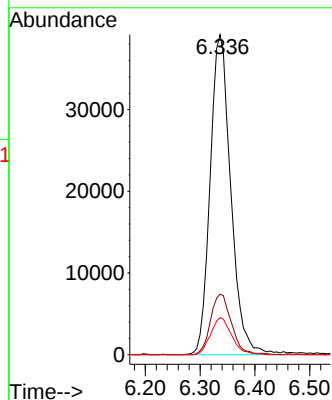
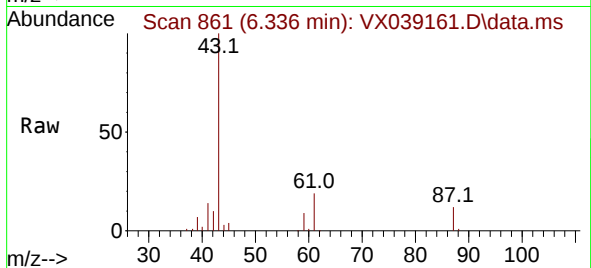




#43
Isopropyl Acetate
Concen: 20.416 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039161.D
Acq: 12 Dec 2023 13:31

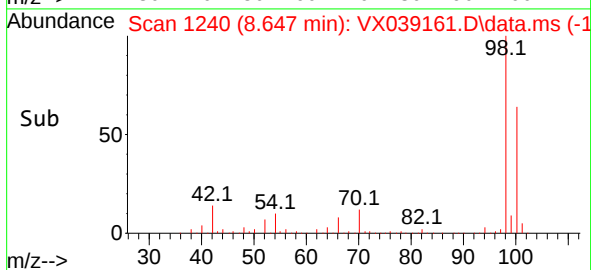
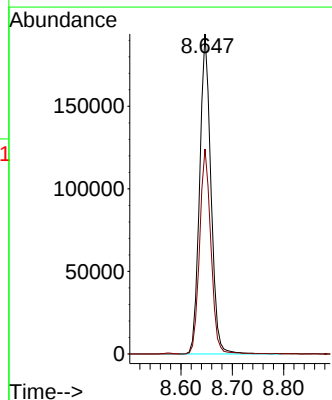
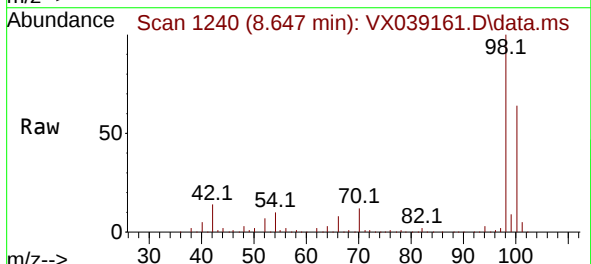
Instrument :
MSVOA_X
ClientSampleId :
TP-35

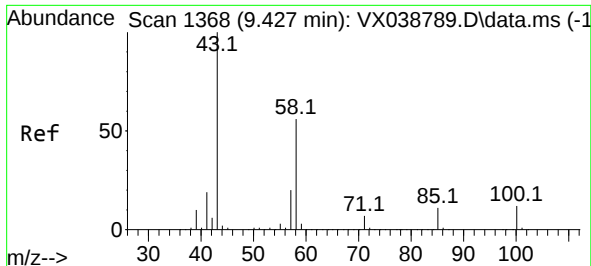
Tgt Ion: 43 Resp: 102298
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 11.8 9.8 14.6



#50
Toluene-d8
Concen: 46.108 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039161.D
Acq: 12 Dec 2023 13:31

Tgt Ion: 98 Resp: 296204
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#59

2-Hexanone

Concen: 5.579 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039161.D

Acq: 12 Dec 2023 13:31

Instrument :

MSVOA_X

ClientSampleId :

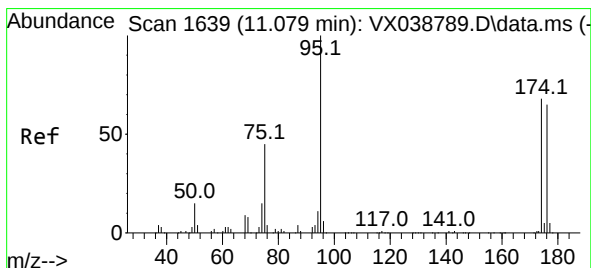
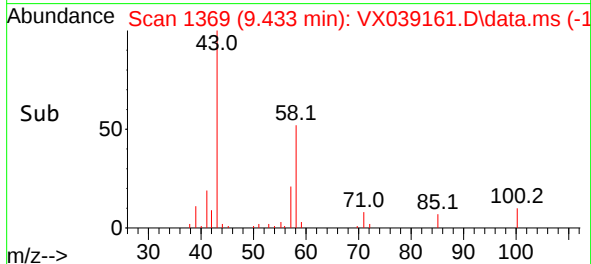
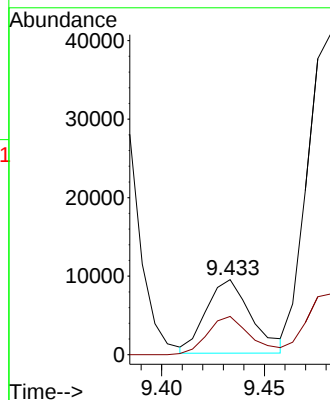
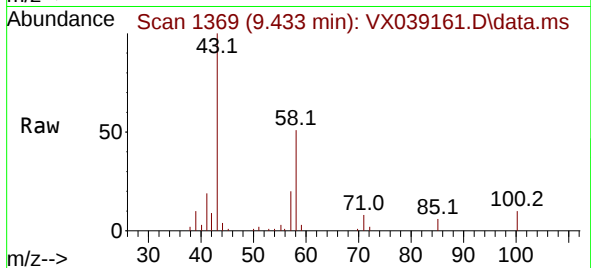
TP-35

Tgt Ion: 43 Resp: 14318

Ion Ratio Lower Upper

43 100

58 50.1 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 52.901 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039161.D

Acq: 12 Dec 2023 13:31

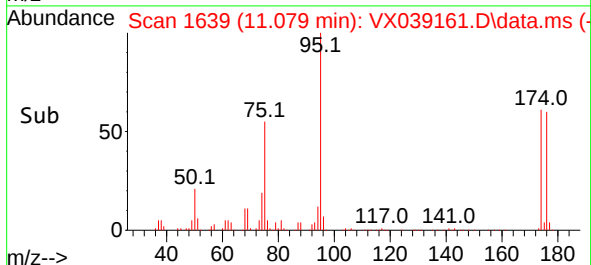
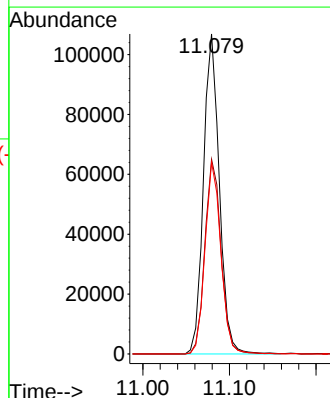
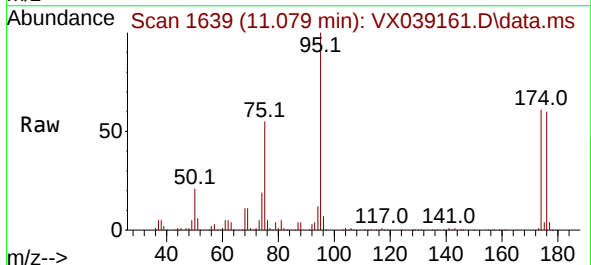
Tgt Ion: 95 Resp: 136041

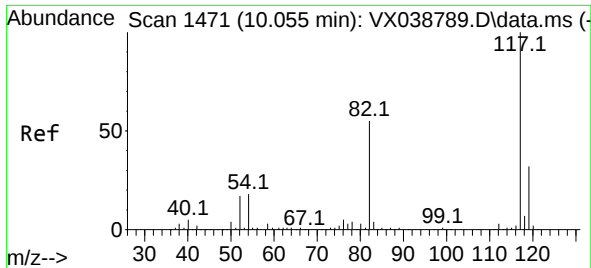
Ion Ratio Lower Upper

95 100

174 62.2 0.0 135.6

176 60.0 0.0 131.0

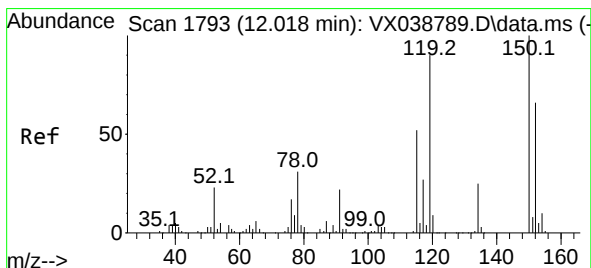
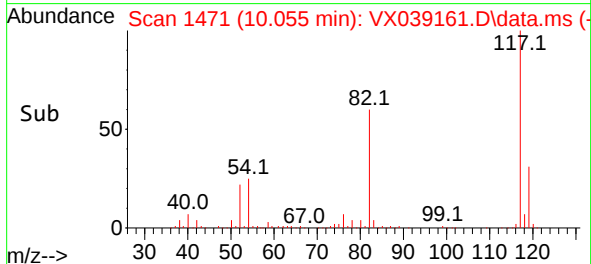
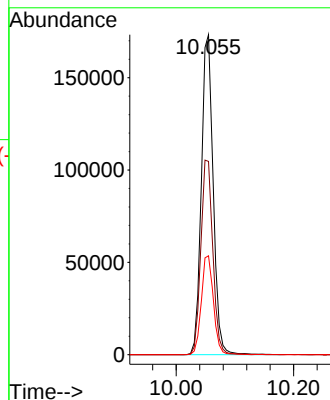
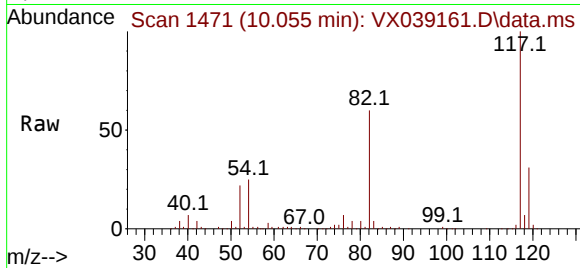




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039161.D
Acq: 12 Dec 2023 13:31

Instrument :
MSVOA_X
ClientSampleId :
TP-35

Tgt Ion:117 Resp: 242400
Ion Ratio Lower Upper
117 100
82 60.4 46.2 69.4
119 30.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039161.D
Acq: 12 Dec 2023 13:31

Tgt Ion:152 Resp: 120075
Ion Ratio Lower Upper
152 100
115 68.4 43.3 129.9
150 158.5 0.0 345.0

