

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039476.D
 Acq On : 26 Dec 2023 18:29
 Operator : JC/MD
 Sample : PB158014ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158014ZHE#02

Quant Time: Dec 27 04:42:36 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)

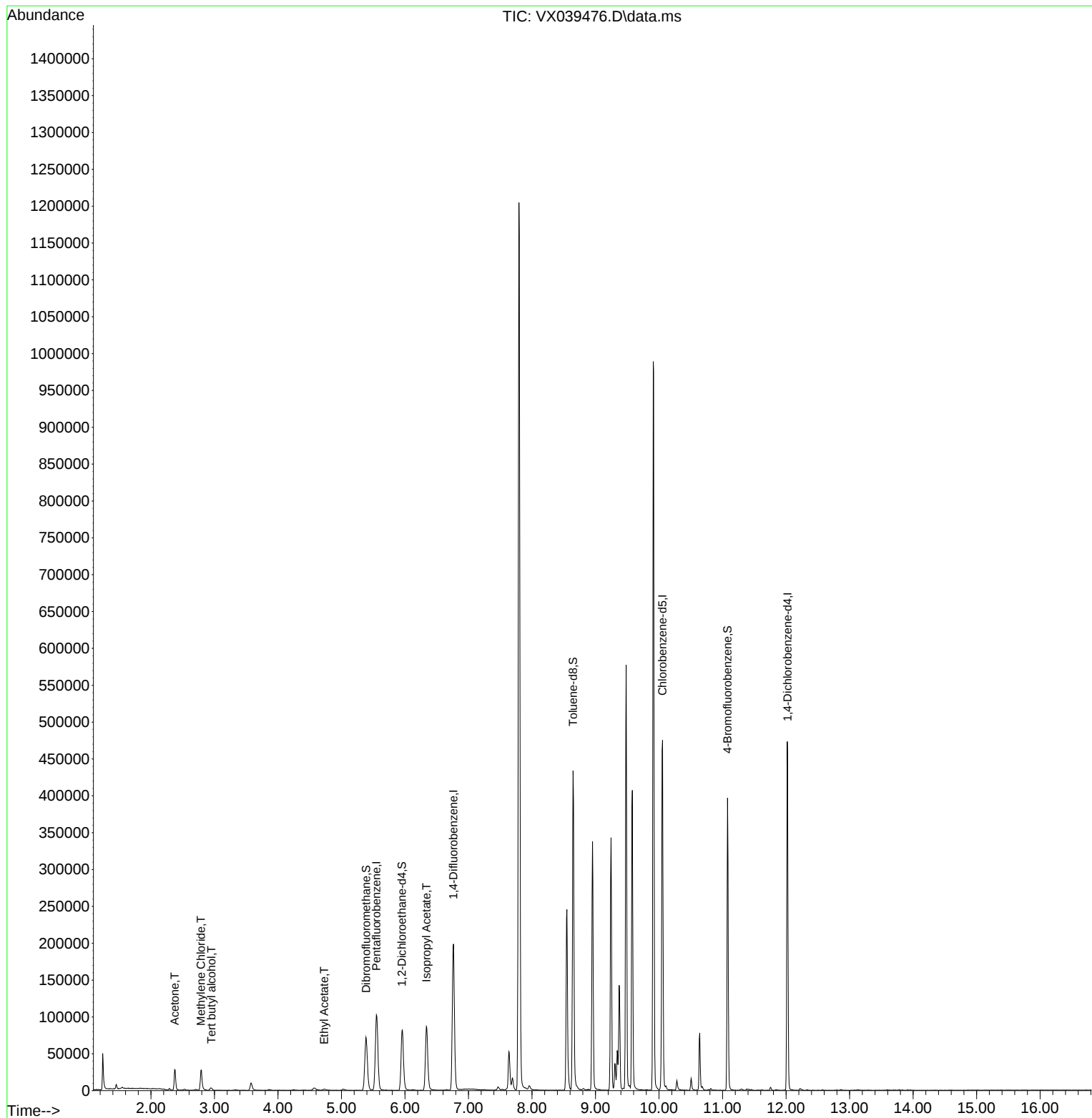
Internal Standards						
1) Pentafluorobenzene	5.550	168	87304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80400	50.271	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.540%			
35) Dibromofluoromethane	5.385	113	62715	47.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.180%			
50) Toluene-d8	8.647	98	248418	50.776	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.560%			
62) 4-Bromofluorobenzene	11.079	95	104601	51.819	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.640%			
Target Compounds						
11) Tert butyl alcohol	2.953	59	2605	6.486	ug/l #	81
16) Acetone	2.374	43	30081	9.948	ug/l	92
20) Methylene Chloride	2.788	84	12741	9.556	ug/l	94
37) Ethyl Acetate	4.727	43	3656	1.423	ug/l #	86
43) Isopropyl Acetate	6.336	43	123774	29.626	ug/l	99

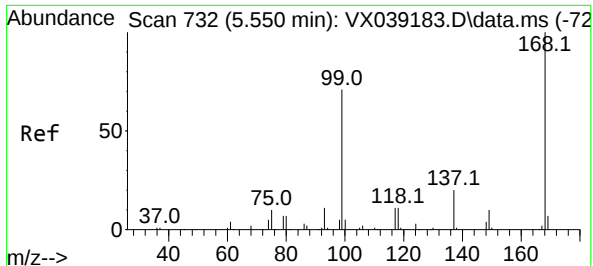
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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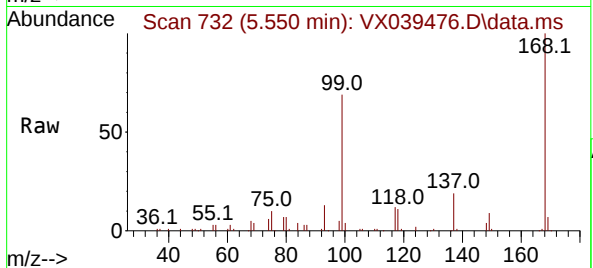
Quant Time: Dec 27 04:42:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
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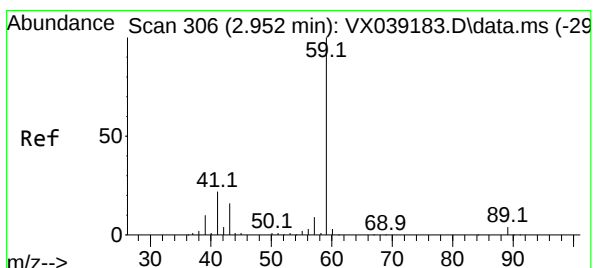
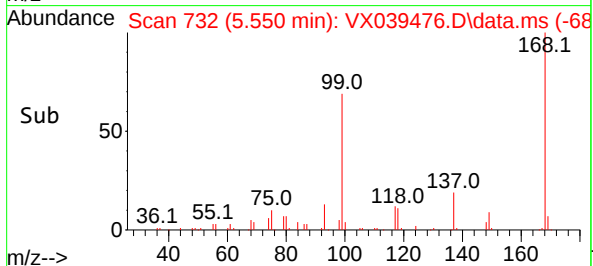
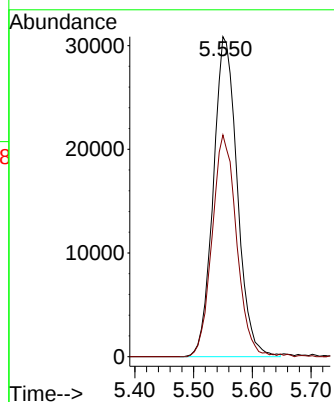


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039476.D
Acq: 26 Dec 2023 18:29

Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#02

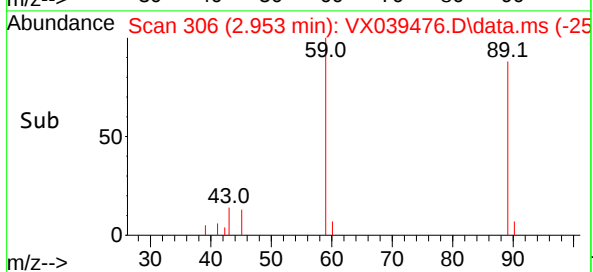
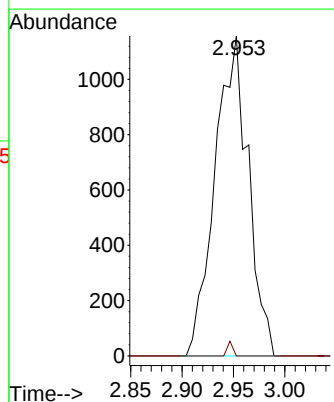
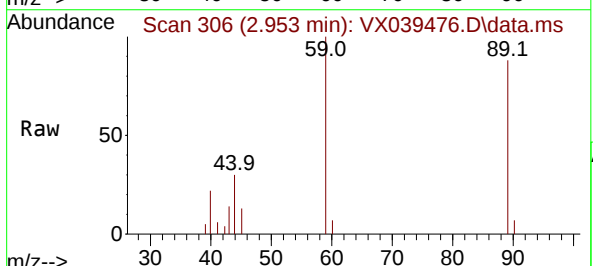


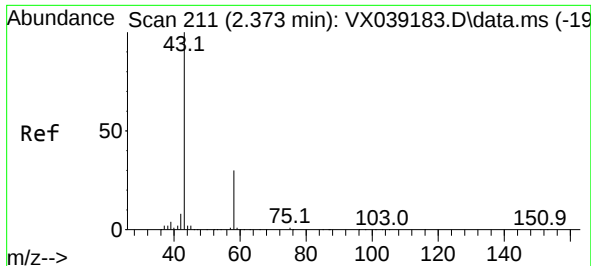
Tgt Ion:168 Resp: 87304
Ion Ratio Lower Upper
168 100
99 69.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 6.486 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039476.D
Acq: 26 Dec 2023 18:29

Tgt Ion: 59 Resp: 2605
Ion Ratio Lower Upper
59 100
57 0.7 6.0 9.0#

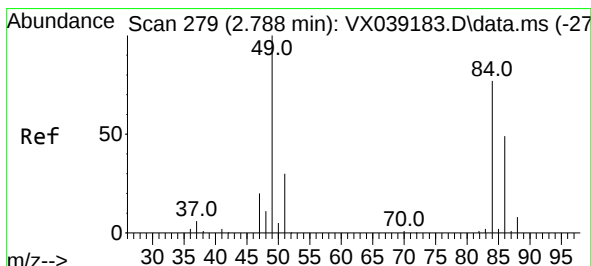
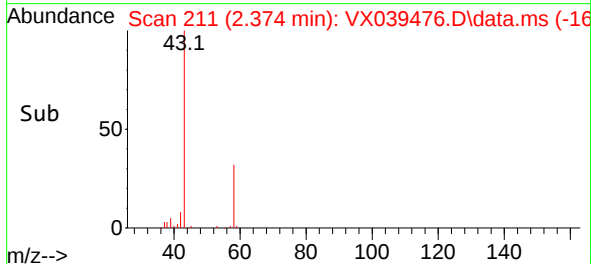
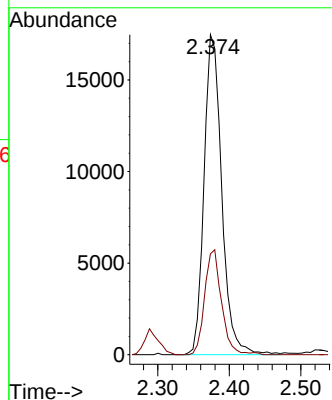
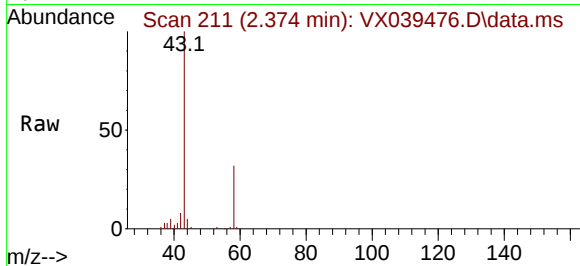




#16
Acetone
Concen: 9.948 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039476.D
Acq: 26 Dec 2023 18:29

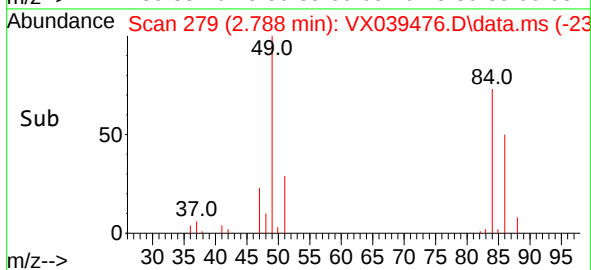
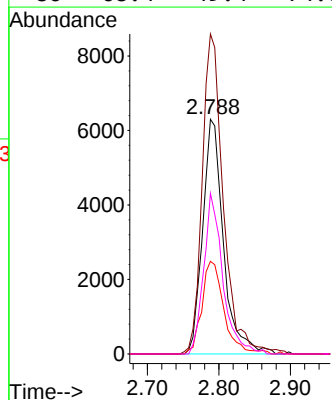
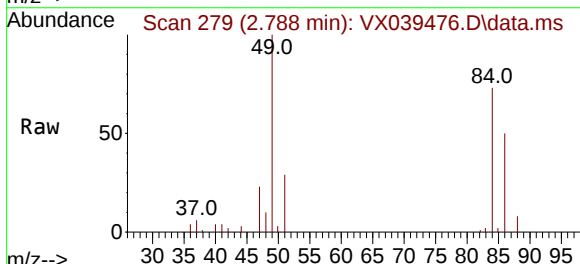
Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#02

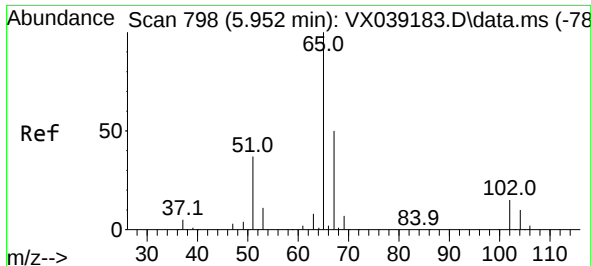
Tgt Ion: 43 Resp: 30081
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9



#20
Methylene Chloride
Concen: 9.556 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039476.D
Acq: 26 Dec 2023 18:29

Tgt Ion: 84 Resp: 12741
Ion Ratio Lower Upper
84 100
49 136.3 103.6 155.4
51 39.4 33.8 50.6
86 68.4 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 50.271 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039476.D

Acq: 26 Dec 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

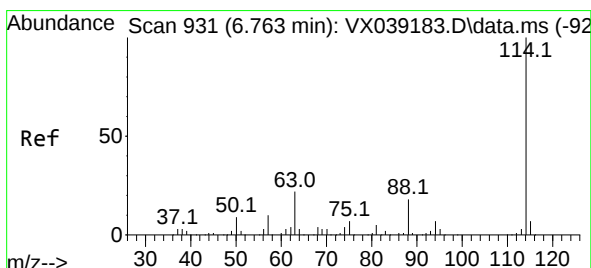
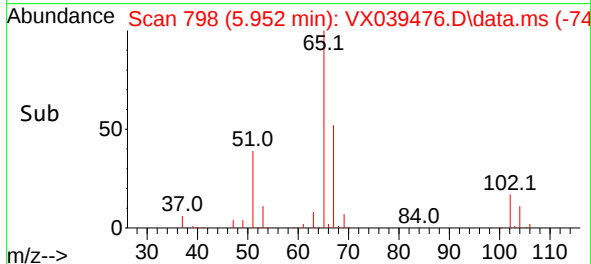
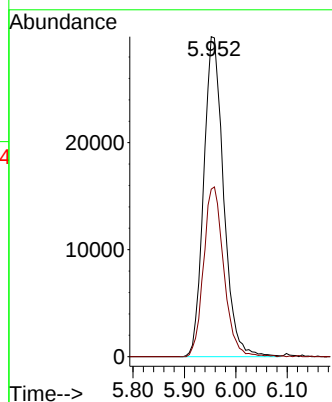
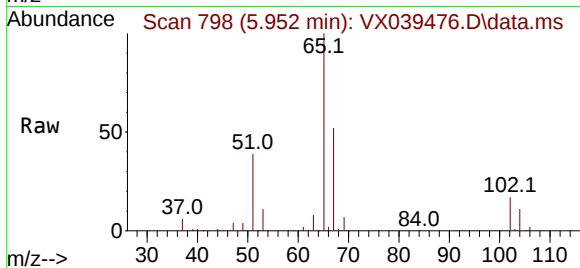
PB158014ZHE#02

Tgt Ion: 65 Resp: 80400

Ion Ratio Lower Upper

65 100

67 53.9 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: VX039476.D

Acq: 26 Dec 2023 18:29

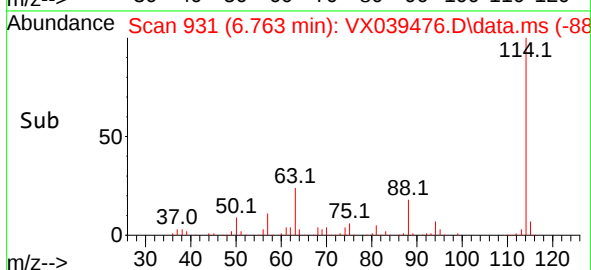
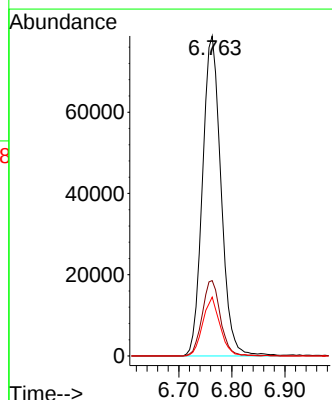
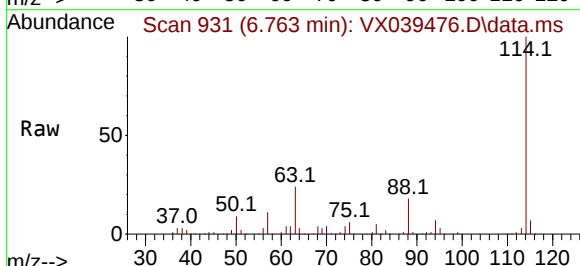
Tgt Ion: 114 Resp: 190753

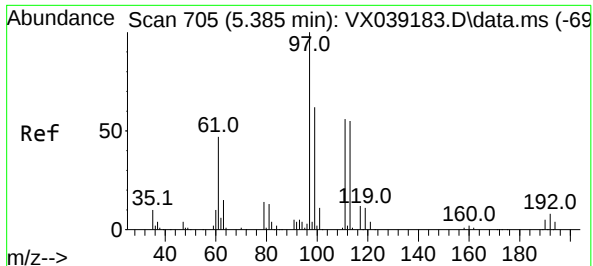
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 18.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.590 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039476.D

Acq: 26 Dec 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

PB158014ZHE#02

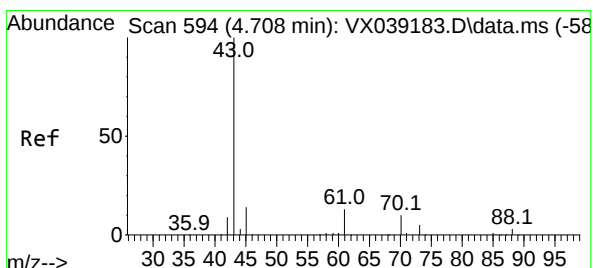
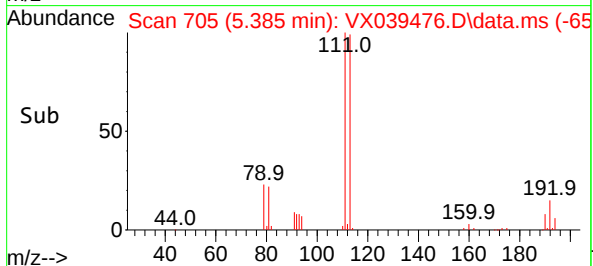
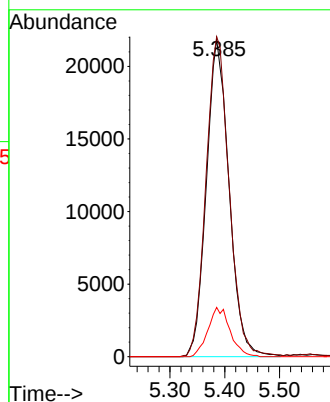
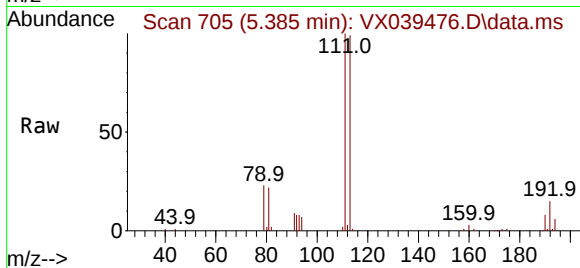
Tgt Ion:113 Resp: 62715

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 15.2 13.3 19.9



#37

Ethyl Acetate

Concen: 1.423 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.019 min

Lab File: VX039476.D

Acq: 26 Dec 2023 18:29

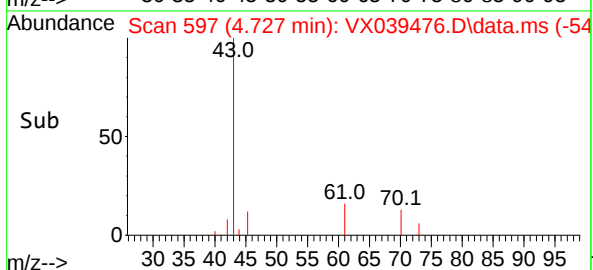
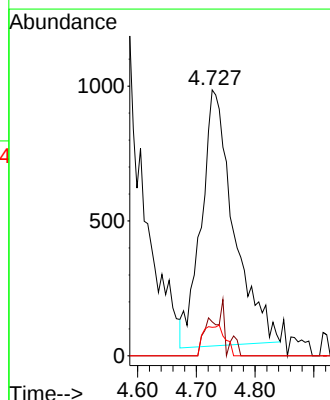
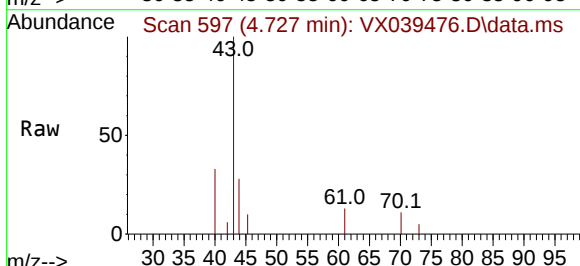
Tgt Ion: 43 Resp: 3656

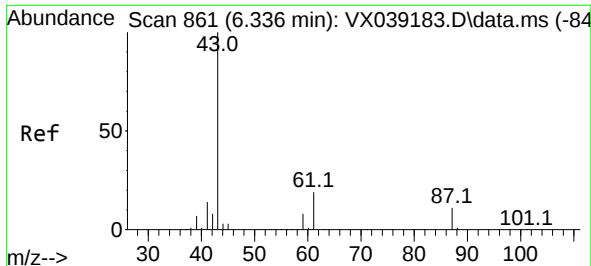
Ion Ratio Lower Upper

43 100

61 5.5 10.6 16.0#

70 8.0 8.3 12.5#

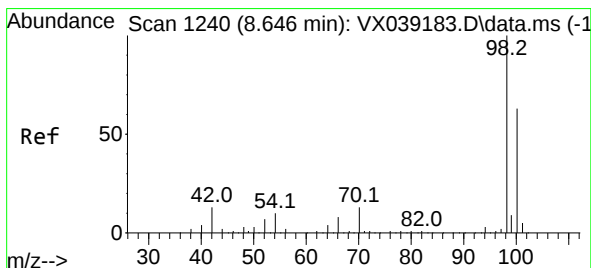
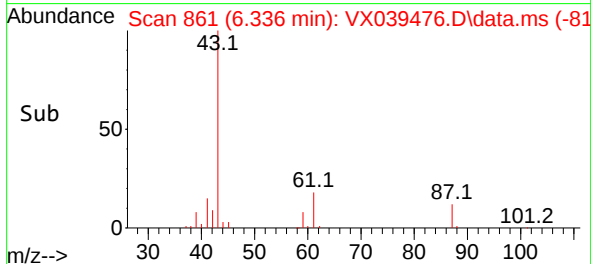
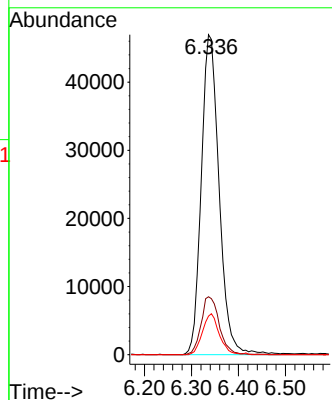
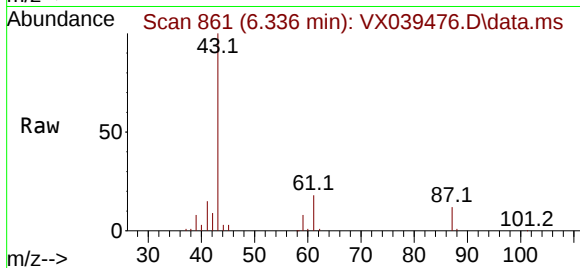




#43
Isopropyl Acetate
Concen: 29.626 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039476.D
Acq: 26 Dec 2023 18:29

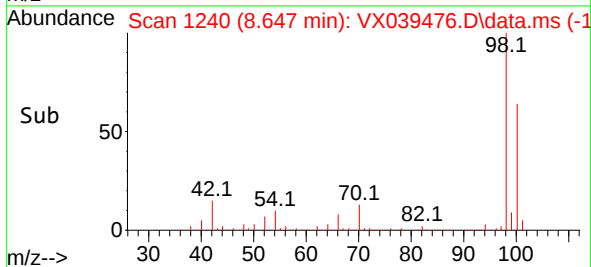
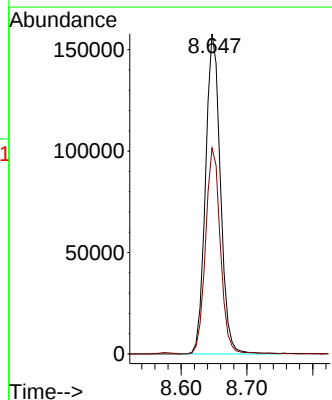
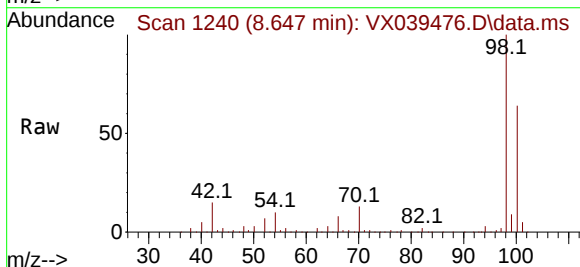
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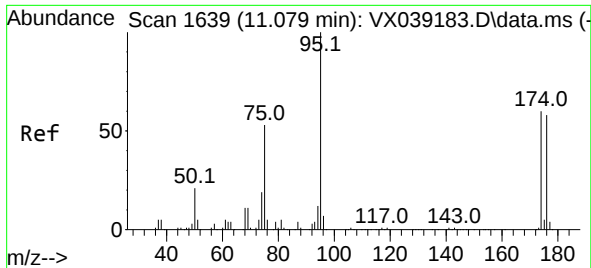
Tgt Ion: 43 Resp: 123774
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 12.0 9.8 14.6



#50
Toluene-d8
Concen: 50.776 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039476.D
Acq: 26 Dec 2023 18:29

Tgt Ion: 98 Resp: 248418
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

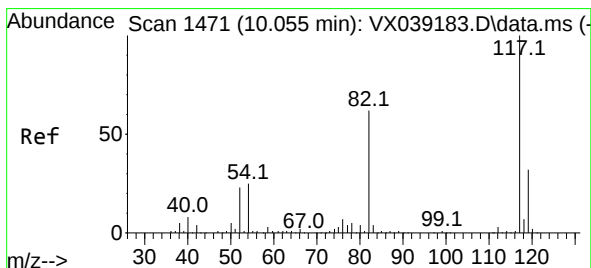
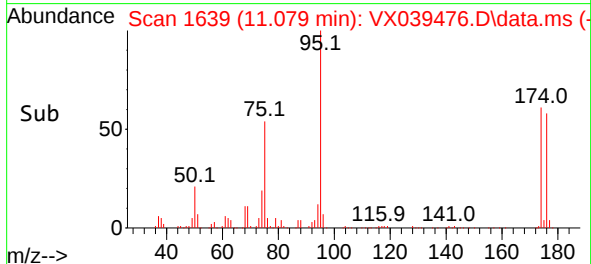
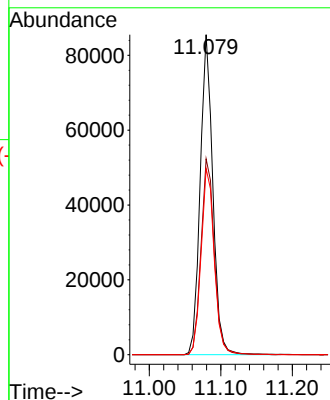
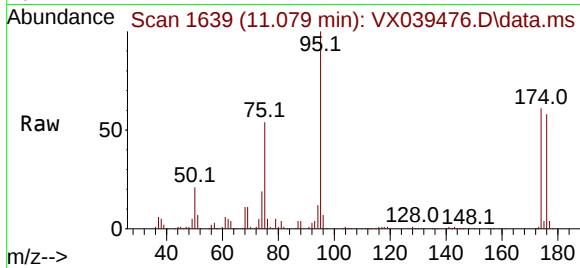




#62
4-Bromofluorobenzene
Concen: 51.819 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039476.D
Acq: 26 Dec 2023 18:29

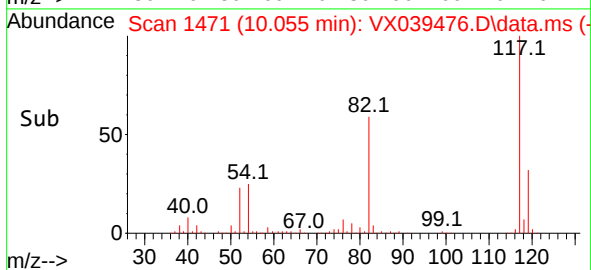
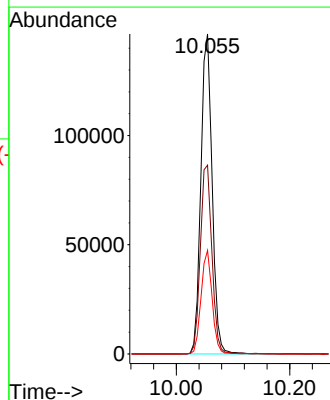
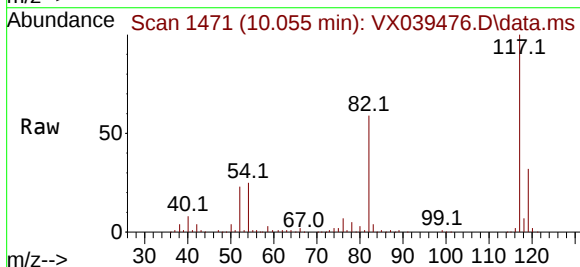
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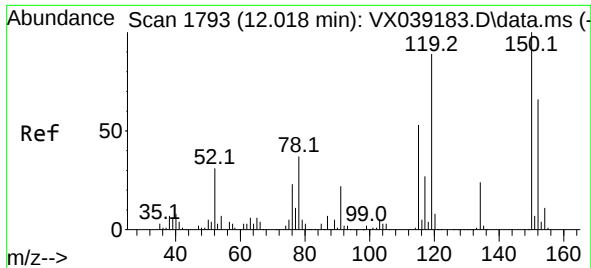
Tgt Ion: 95 Resp: 104601
Ion Ratio Lower Upper
95 100
174 64.6 0.0 135.6
176 61.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039476.D
Acq: 26 Dec 2023 18:29

Tgt Ion: 117 Resp: 201781
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 32.3 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: VX039476.D

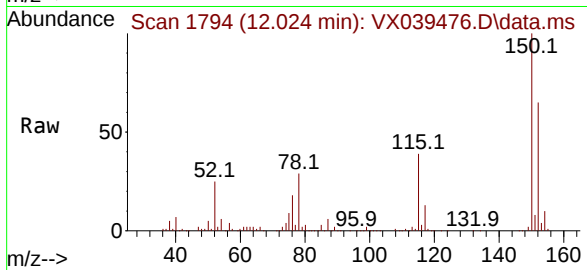
Acq: 26 Dec 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

PB158014ZHE#02



Tgt Ion:152 Resp: 90517

Ion Ratio Lower Upper

152 100

115 64.4 43.3 129.9

150 154.5 0.0 345.0

