

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039479.D
 Acq On : 26 Dec 2023 19:38
 Operator : JC/MD
 Sample : PB158014ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158014ZHE#05

Quant Time: Dec 27 04:43:43 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)

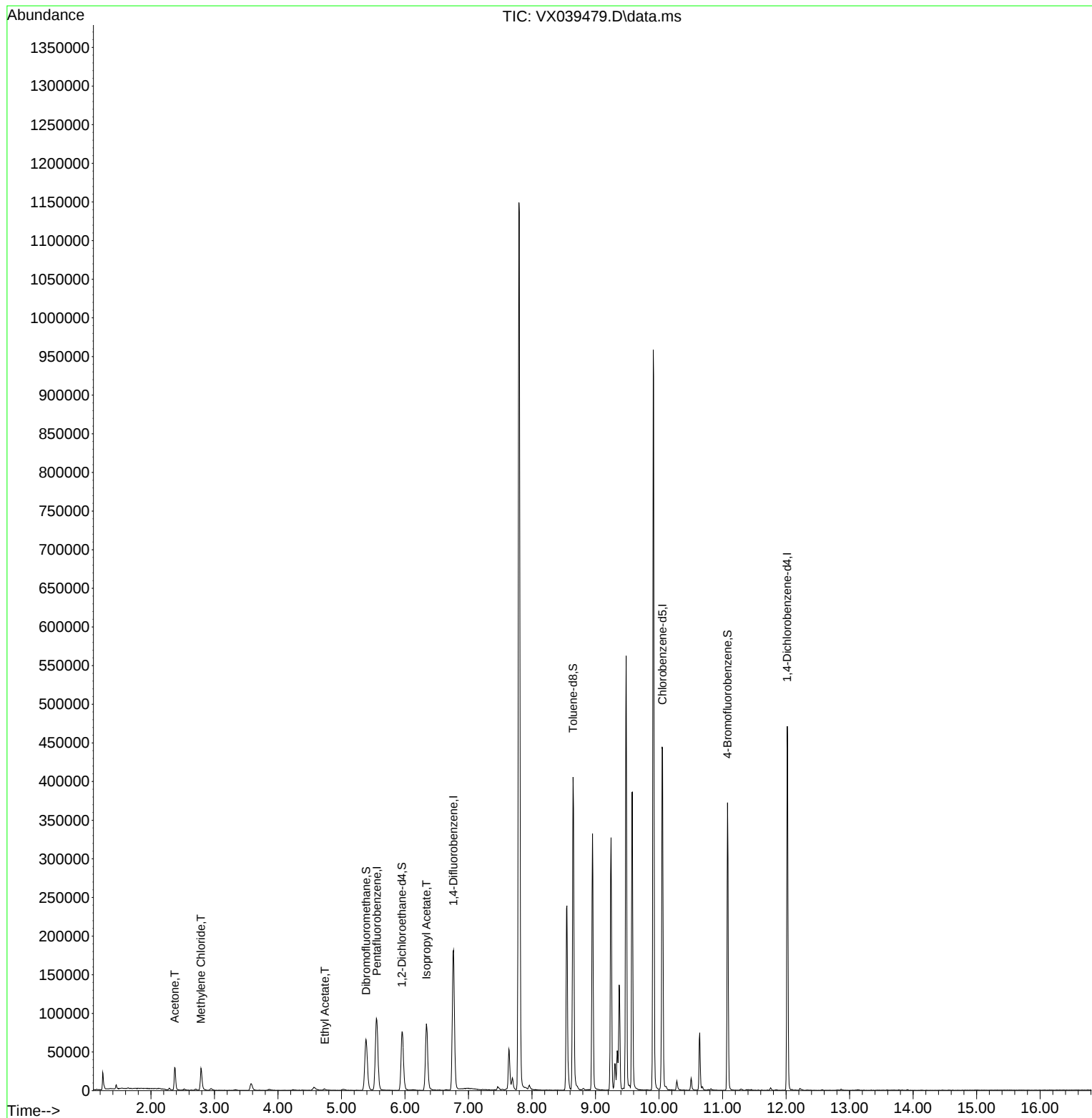
Internal Standards						
1) Pentafluorobenzene	5.556	168	81531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74464	49.856	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.720%		
35) Dibromofluoromethane	5.385	113	58695	47.911	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.820%		
50) Toluene-d8	8.647	98	232802	51.186	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.380%		
62) 4-Bromofluorobenzene	11.079	95	99091	52.805	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.620%		
Target Compounds						
16) Acetone	2.374	43	31053	13.695	ug/l #	88
20) Methylene Chloride	2.788	84	12657	10.166	ug/l	92
37) Ethyl Acetate	4.739	43	3093	1.295	ug/l #	90
43) Isopropyl Acetate	6.336	43	119225	30.698	ug/l	99

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

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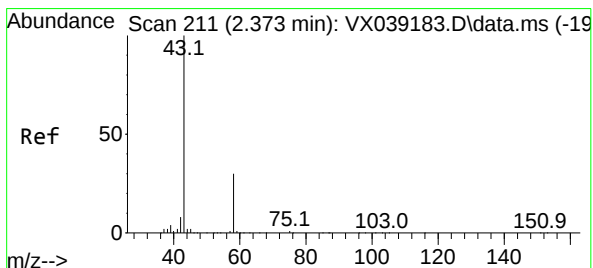
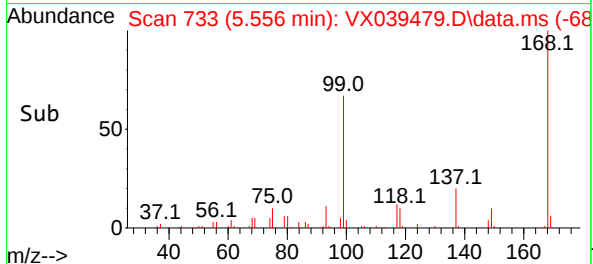
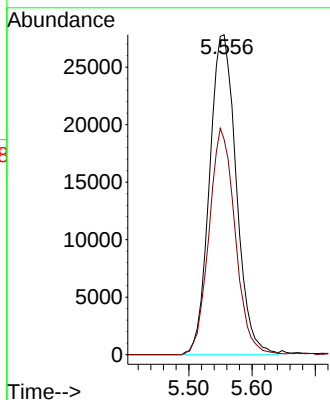
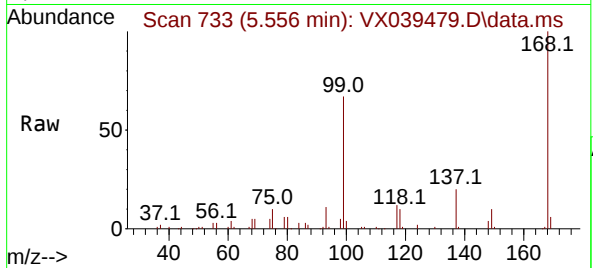




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039479.D
Acq: 26 Dec 2023 19:38

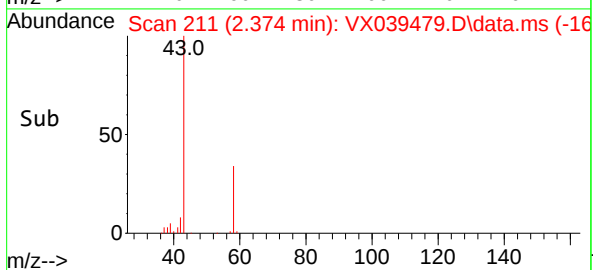
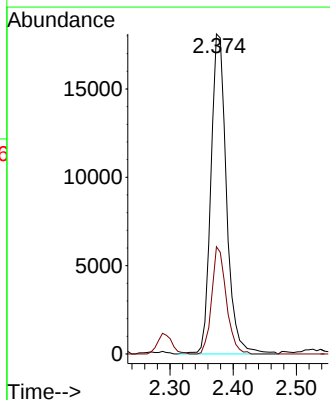
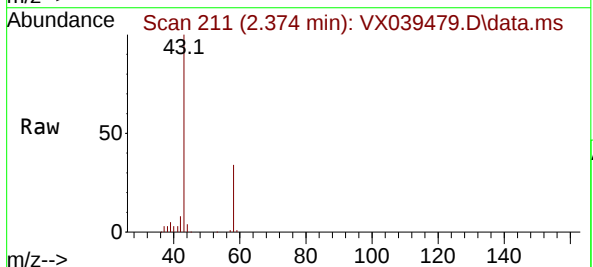
Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#05

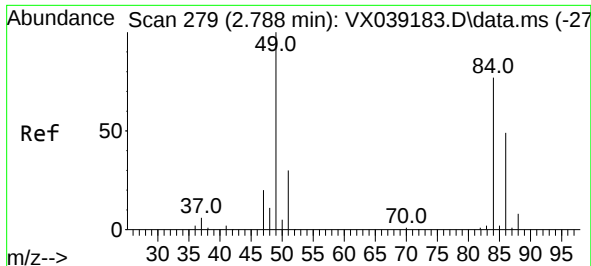
Tgt Ion:168 Resp: 81531
Ion Ratio Lower Upper
168 100
99 67.3 56.6 85.0



#16
Acetone
Concen: 13.695 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039479.D
Acq: 26 Dec 2023 19:38

Tgt Ion: 43 Resp: 31053
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#

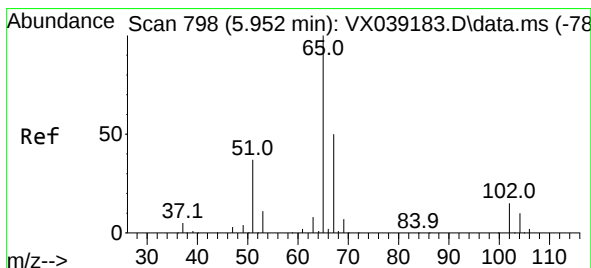
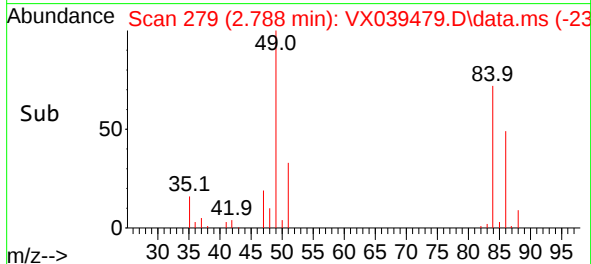
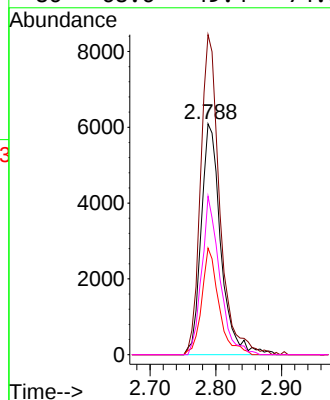
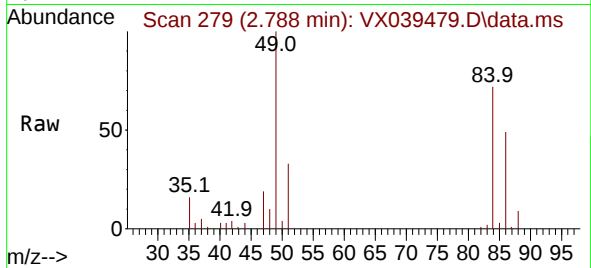




#20
Methylene Chloride
Concen: 10.166 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039479.D
Acq: 26 Dec 2023 19:38

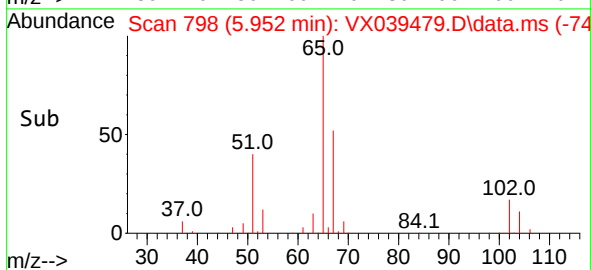
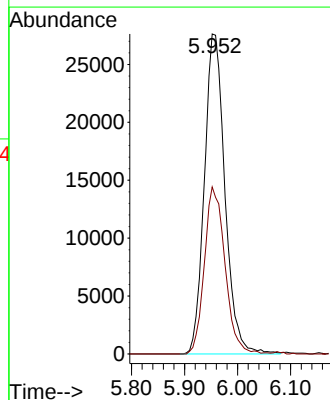
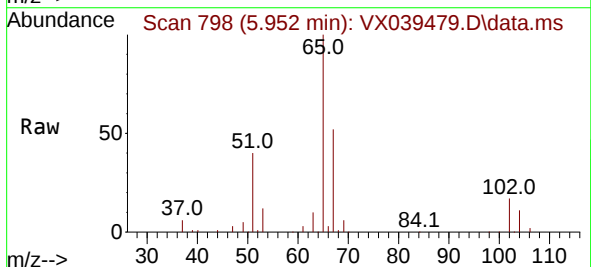
Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#05

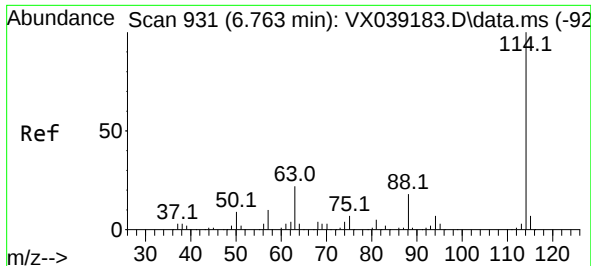
Tgt Ion:	84	Resp:	12657
Ion	Ratio	Lower	Upper
84	100		
49	138.6	103.6	155.4
51	46.1	33.8	50.6
86	68.6	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 49.856 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039479.D
Acq: 26 Dec 2023 19:38

Tgt Ion:	65	Resp:	74464
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	100.2

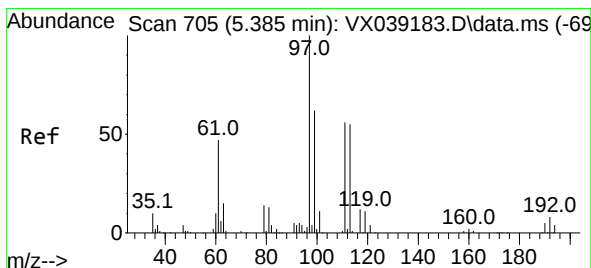
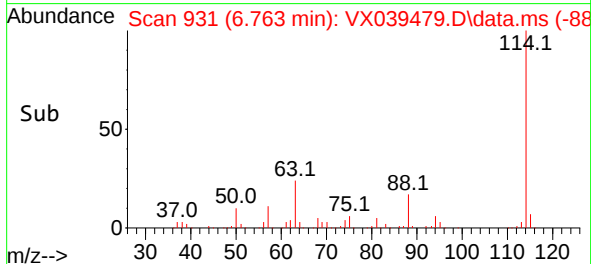
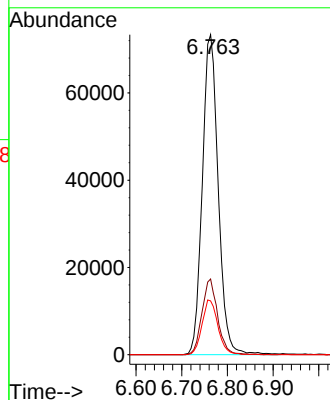
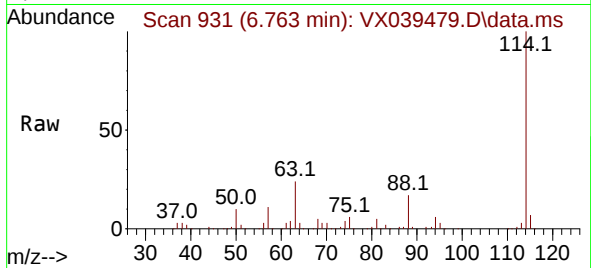




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039479.D
Acq: 26 Dec 2023 19:38

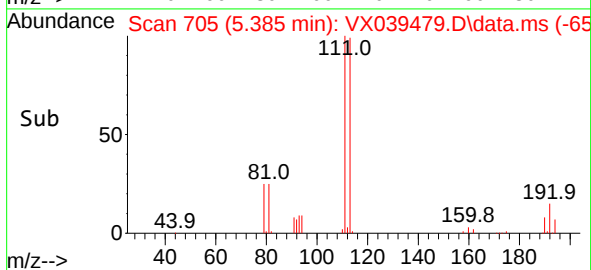
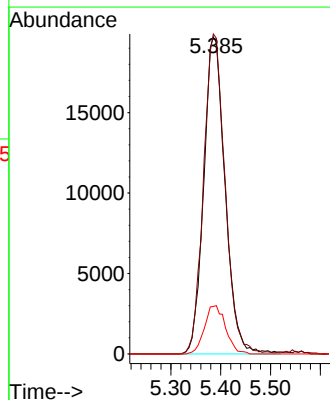
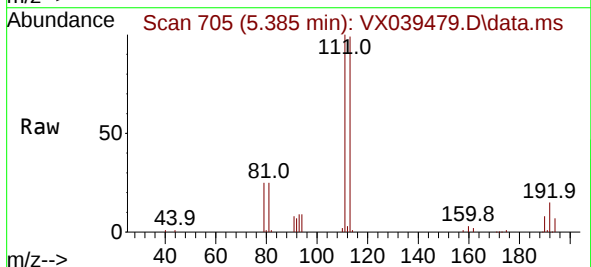
Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#05

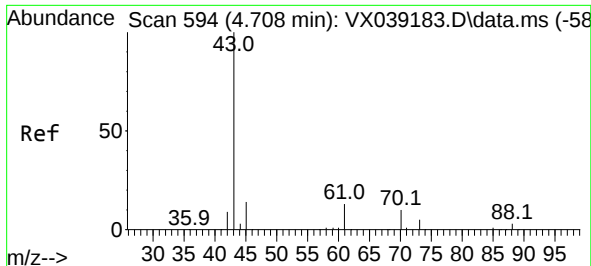
Tgt Ion:114 Resp: 177329
Ion Ratio Lower Upper
114 100
63 23.6 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.911 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039479.D
Acq: 26 Dec 2023 19:38

Tgt Ion:113 Resp: 58695
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 15.1 13.3 19.9





#37

Ethyl Acetate

Concen: 1.295 ug/l

RT: 4.739 min Scan# 594

Delta R.T. 0.031 min

Lab File: VX039479.D

Acq: 26 Dec 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

PB158014ZHE#05

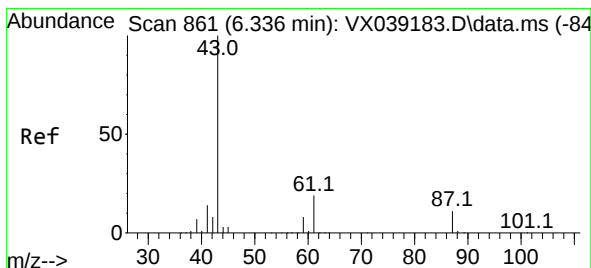
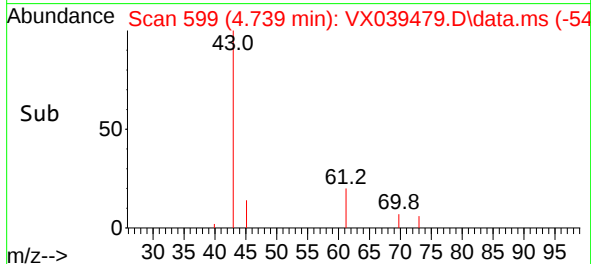
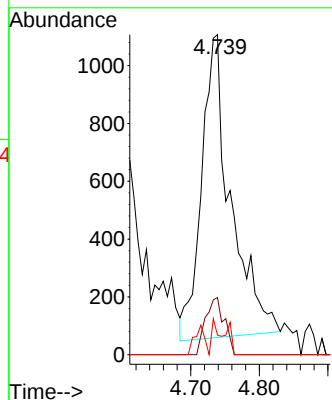
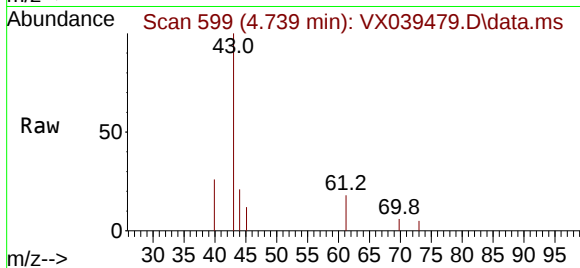
Tgt Ion: 43 Resp: 3093

Ion Ratio Lower Upper

43 100

61 12.1 10.6 16.0

70 3.0 8.3 12.5#



#43

Isopropyl Acetate

Concen: 30.698 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039479.D

Acq: 26 Dec 2023 19:38

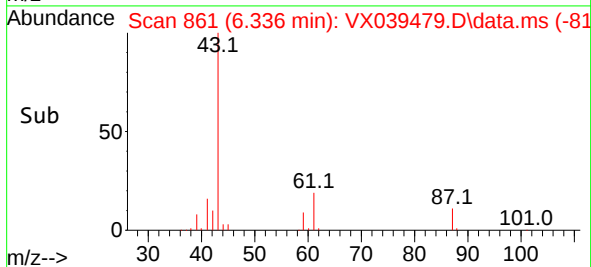
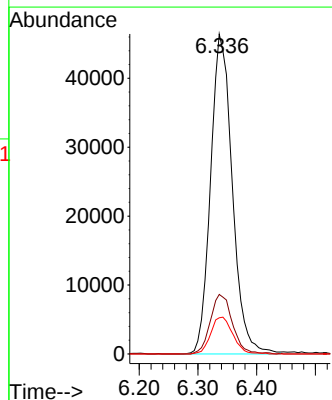
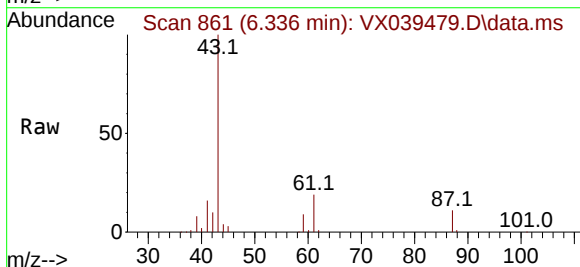
Tgt Ion: 43 Resp: 119225

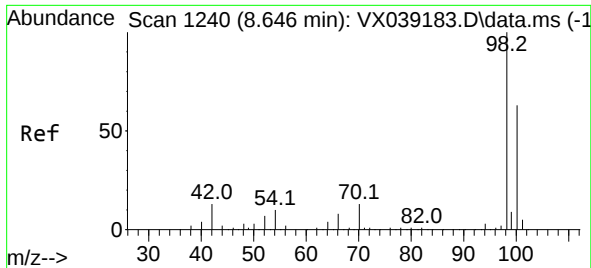
Ion Ratio Lower Upper

43 100

61 18.9 15.2 22.8

87 11.7 9.8 14.6

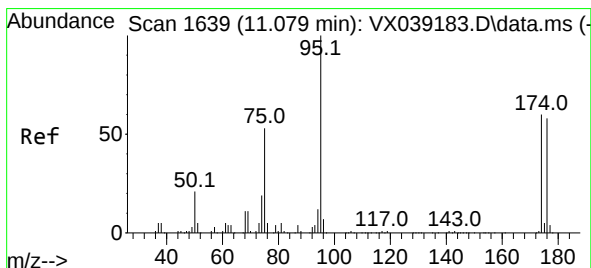
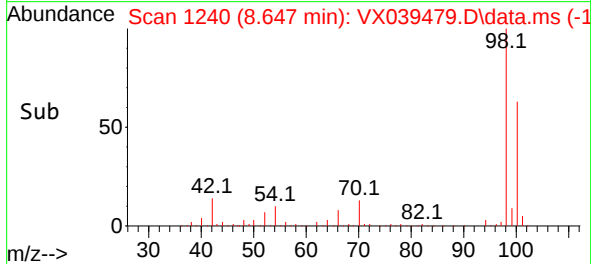
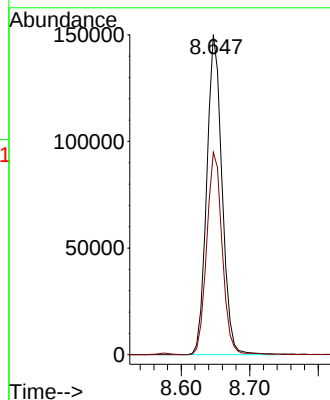
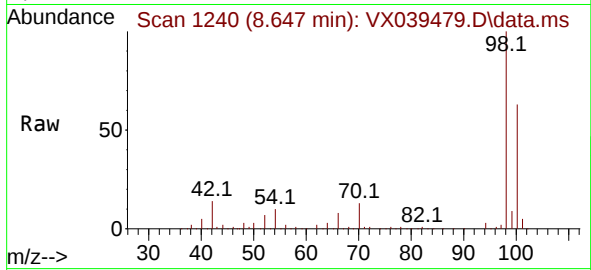




#50
Toluene-d8
Concen: 51.186 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039479.D
Acq: 26 Dec 2023 19:38

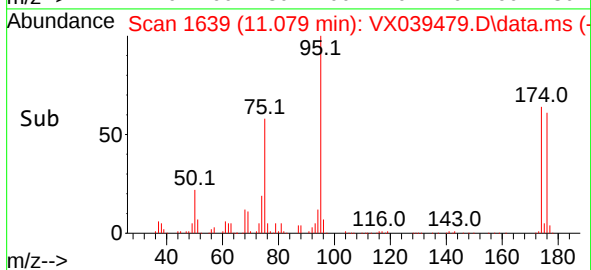
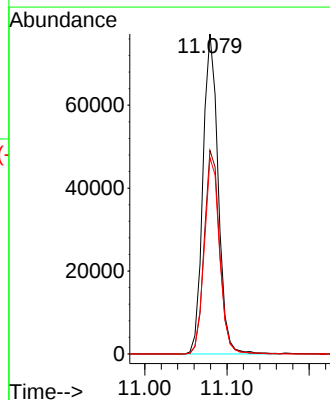
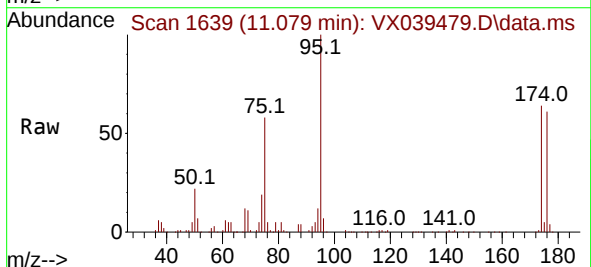
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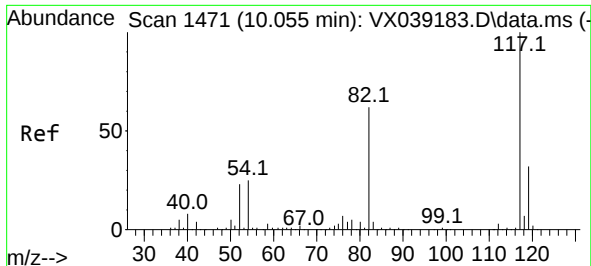
Tgt Ion: 98 Resp: 232802
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.805 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039479.D
Acq: 26 Dec 2023 19:38

Tgt Ion: 95 Resp: 99091
Ion Ratio Lower Upper
95 100
174 64.2 0.0 135.6
176 61.8 0.0 131.0

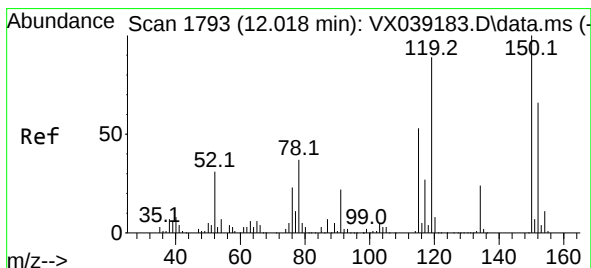
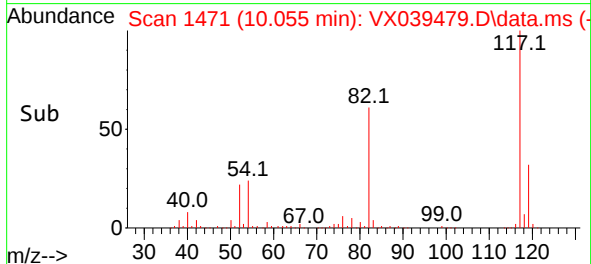
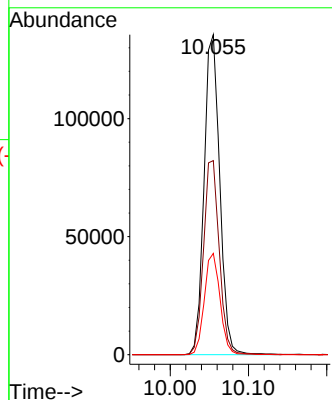
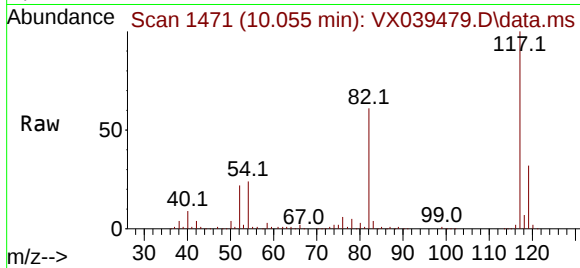




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039479.D
Acq: 26 Dec 2023 19:38

Instrument :
MSVOA_X
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Tgt Ion:117 Resp: 188252
Ion Ratio Lower Upper
117 100
82 60.7 46.2 69.4
119 31.6 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: VX039479.D
Acq: 26 Dec 2023 19:38

Tgt Ion:152 Resp: 87617
Ion Ratio Lower Upper
152 100
115 67.6 43.3 129.9
150 157.3 0.0 345.0

