

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040431.D
 Acq On : 23 Feb 2024 15:00
 Operator : JC/MD
 Sample : PB159217ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159217ZHE#01

Quant Time: Feb 23 22:19:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

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

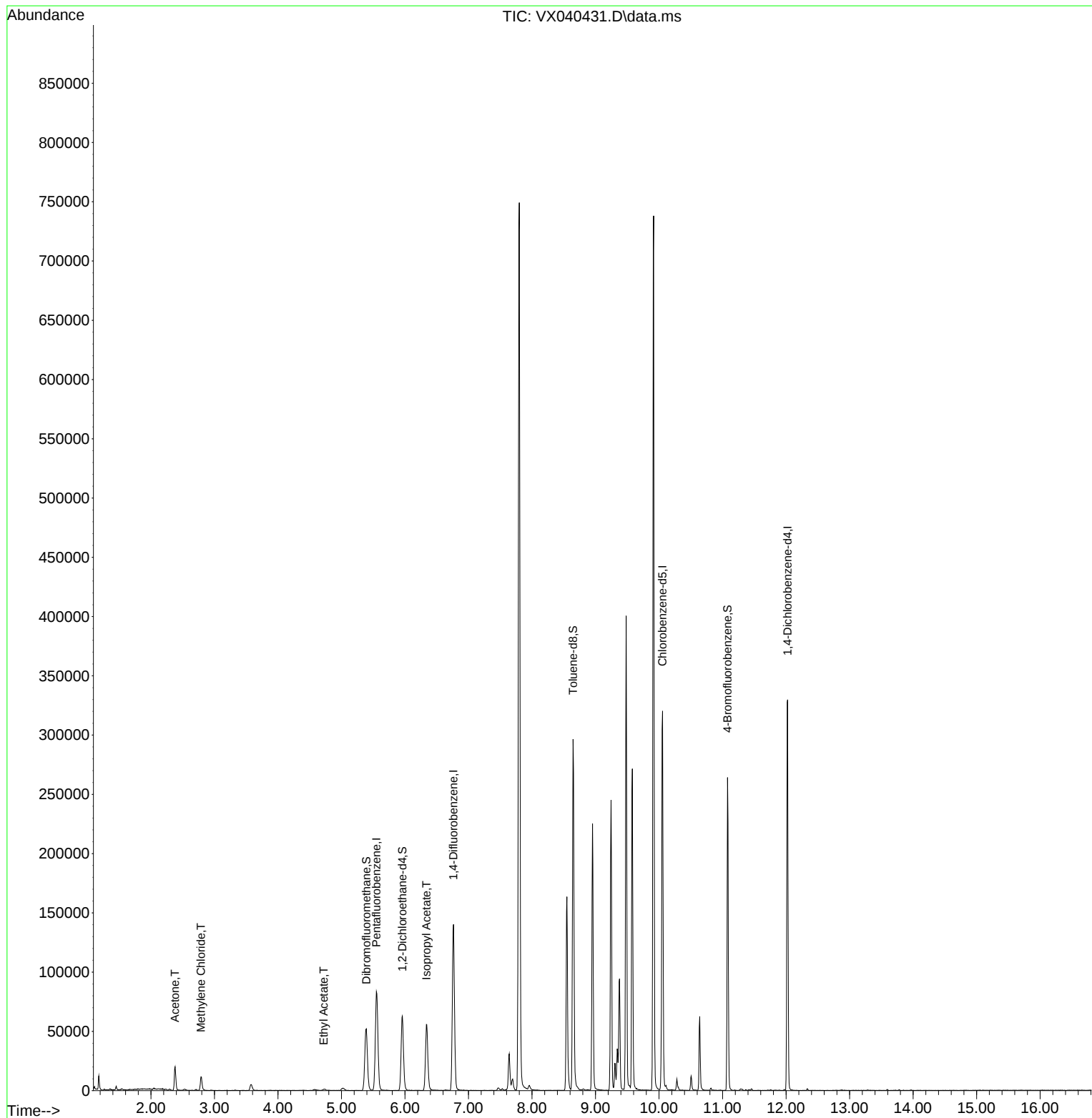
Internal Standards						
1) Pentafluorobenzene	5.550	168	74832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	133439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60798	49.887	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.780%		
35) Dibromofluoromethane	5.391	113	44275	49.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.480%		
50) Toluene-d8	8.647	98	169347	52.138	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.280%		
62) 4-Bromofluorobenzene	11.079	95	66996	51.474	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.940%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	21391	42.125	ug/l	95
20) Methylene Chloride	2.788	84	5331	5.014	ug/l	93
37) Ethyl Acetate	4.721	43	2455	1.544	ug/l #	86
43) Isopropyl Acetate	6.336	43	78022	31.981	ug/l	98

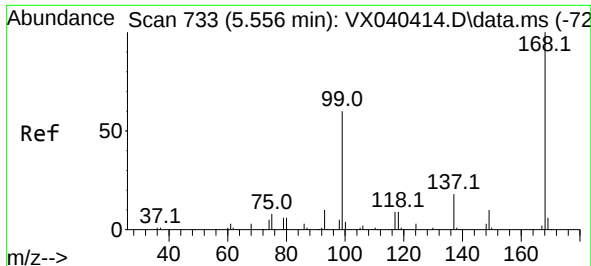
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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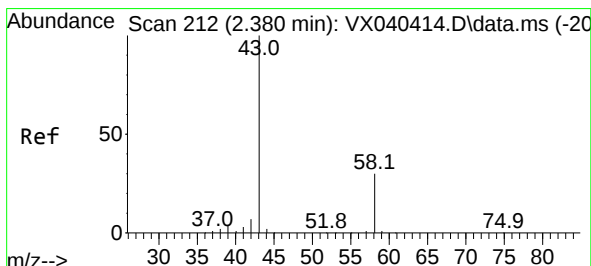
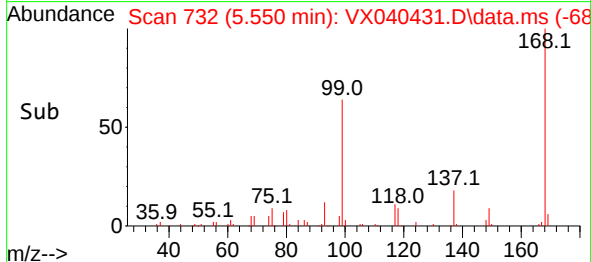
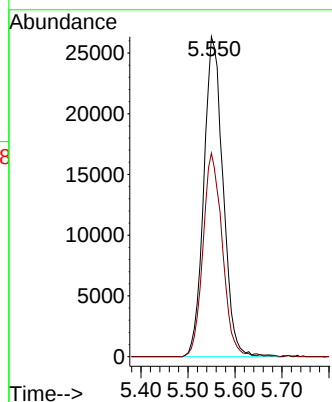
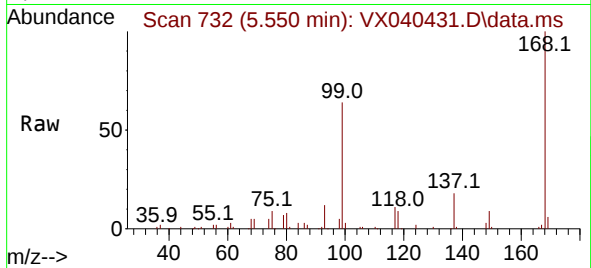




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040431.D
Acq: 23 Feb 2024 15:00

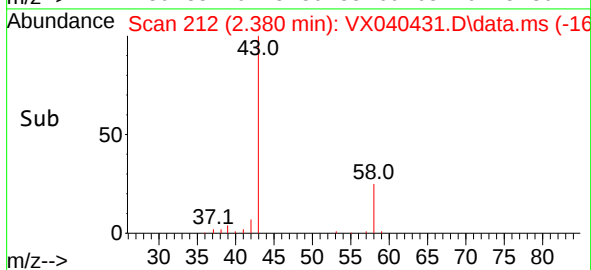
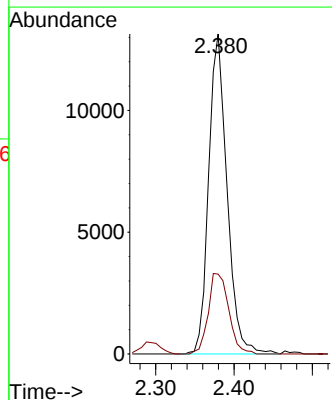
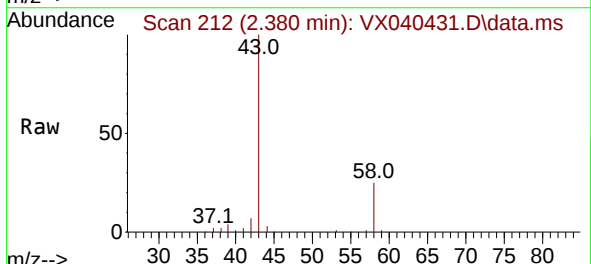
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#01

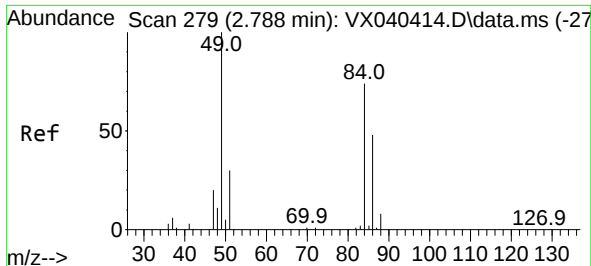
Tgt Ion:168 Resp: 74832
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#16
Acetone
Concen: 42.125 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040431.D
Acq: 23 Feb 2024 15:00

Tgt Ion: 43 Resp: 21391
Ion Ratio Lower Upper
43 100
58 24.9 21.9 32.9

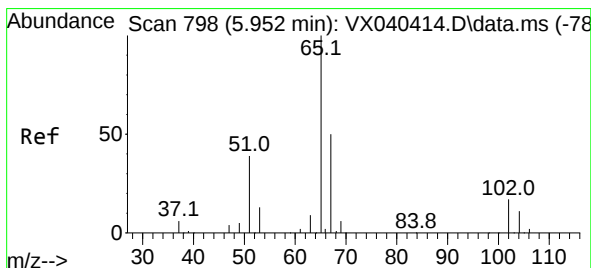
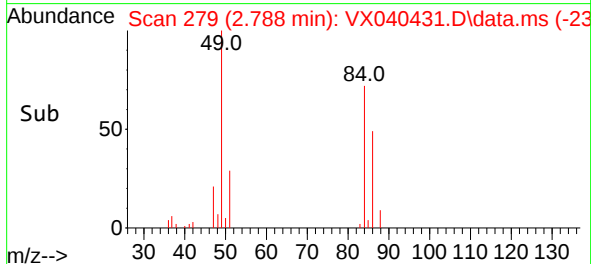
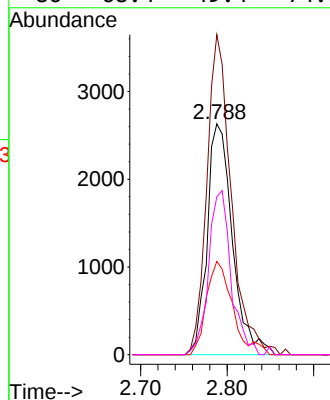
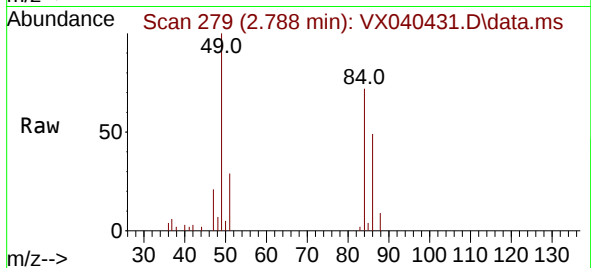




#20
Methylene Chloride
Concen: 5.014 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040431.D
Acq: 23 Feb 2024 15:00

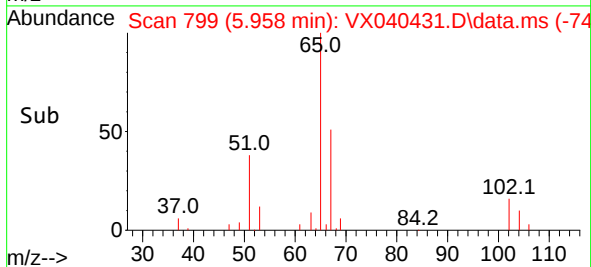
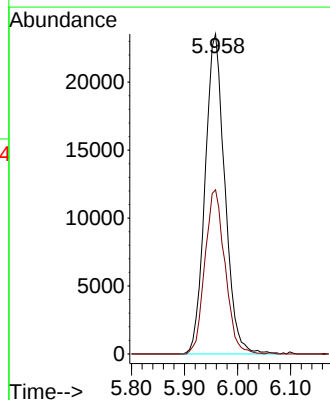
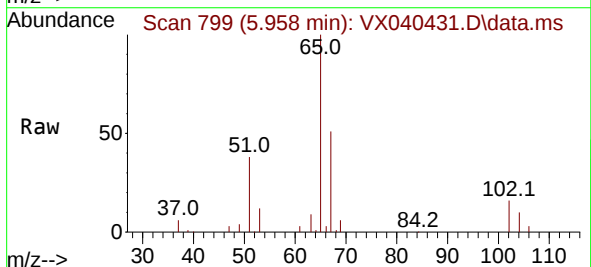
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#01

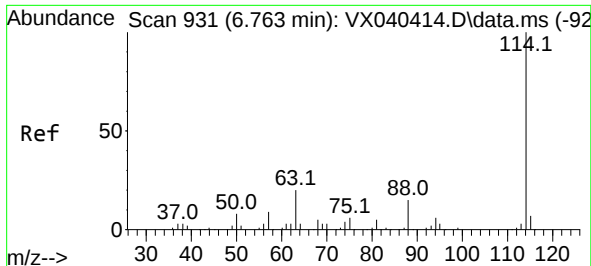
Tgt Ion:	84	Resp:	5331
Ion	Ratio	Lower	Upper
84	100		
49	138.5	103.6	155.4
51	40.4	33.8	50.6
86	68.4	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 49.887 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040431.D
Acq: 23 Feb 2024 15:00

Tgt Ion:	65	Resp:	60798
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	100.2

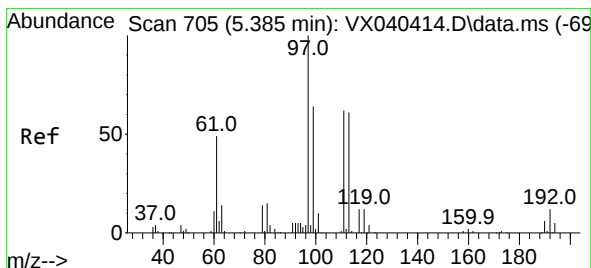
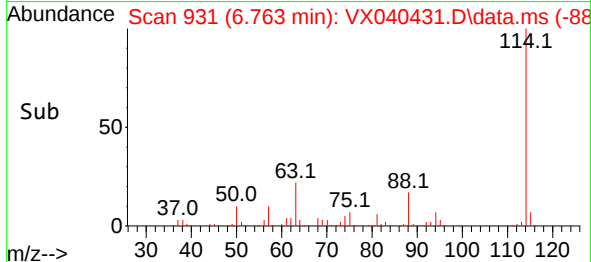
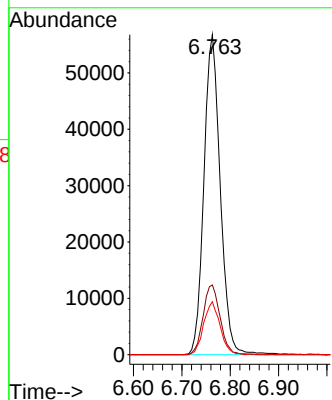
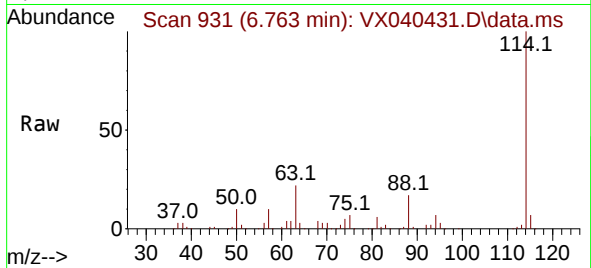




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040431.D
Acq: 23 Feb 2024 15:00

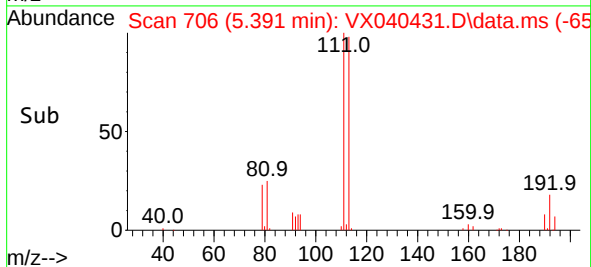
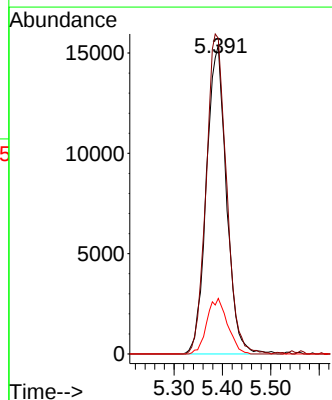
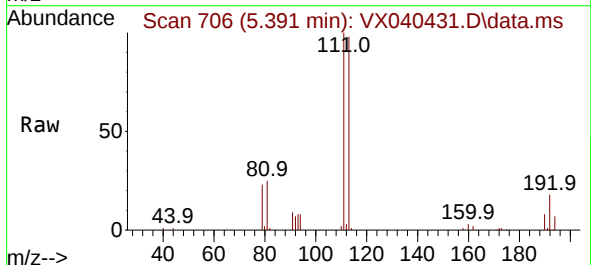
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#01

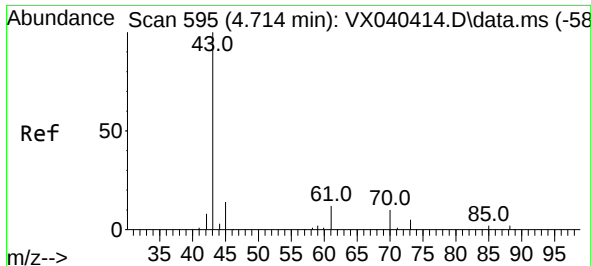
Tgt Ion:114 Resp: 133439
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.238 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040431.D
Acq: 23 Feb 2024 15:00

Tgt Ion:113 Resp: 44275
Ion Ratio Lower Upper
113 100
111 104.9 82.9 124.3
192 18.5 13.3 19.9

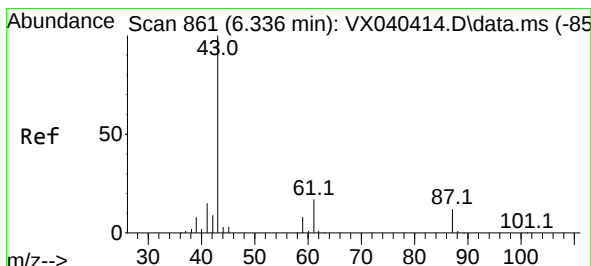
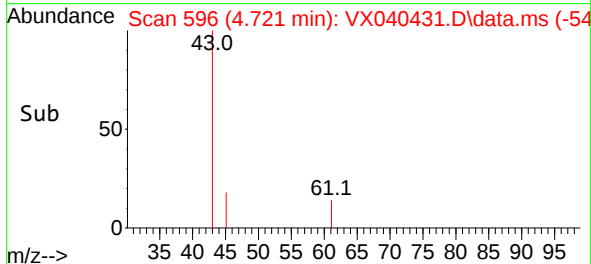
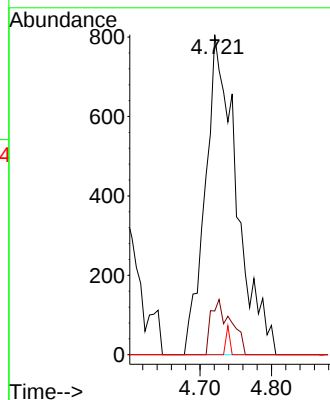
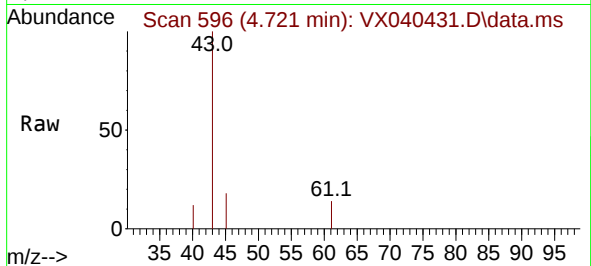




#37
Ethyl Acetate
Concen: 1.544 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX040431.D
Acq: 23 Feb 2024 15:00

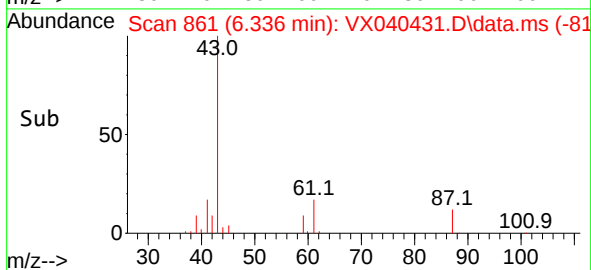
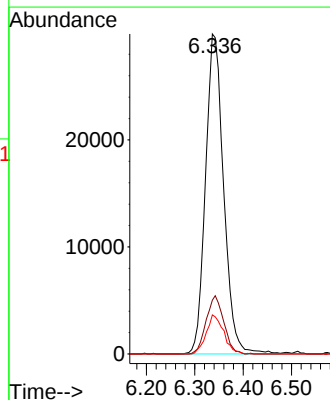
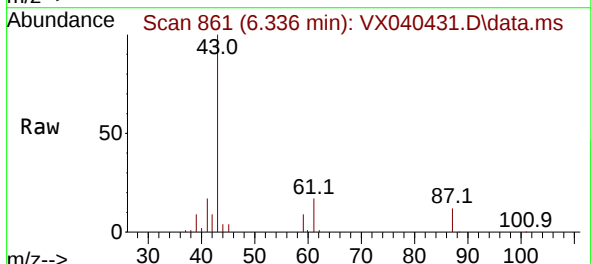
Instrument :
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ClientSampleId :
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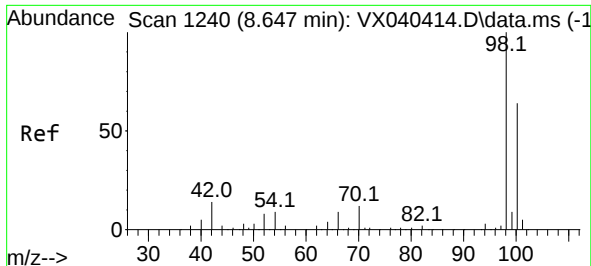
Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.0	10.6	16.0
70	1.1	8.3	12.5



#43
Isopropyl Acetate
Concen: 31.981 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040431.D
Acq: 23 Feb 2024 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.6	15.2	22.8
87	11.7	9.8	14.6

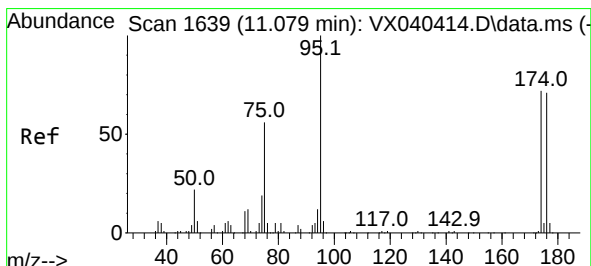
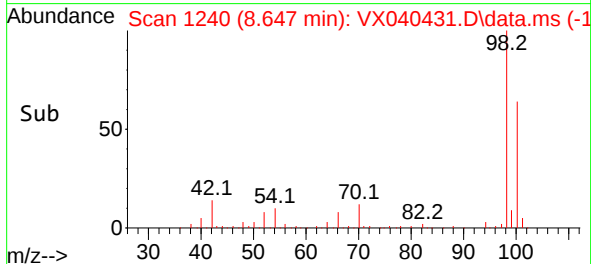
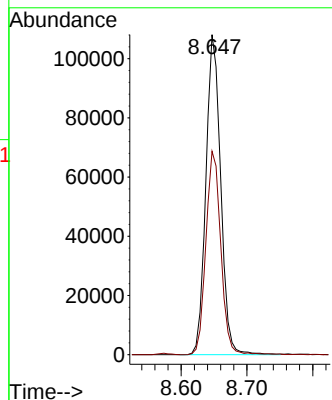
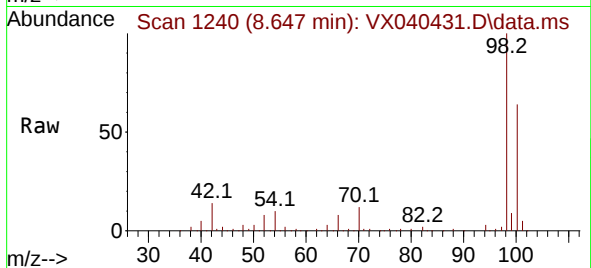




#50
Toluene-d8
Concen: 52.138 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040431.D
Acq: 23 Feb 2024 15:00

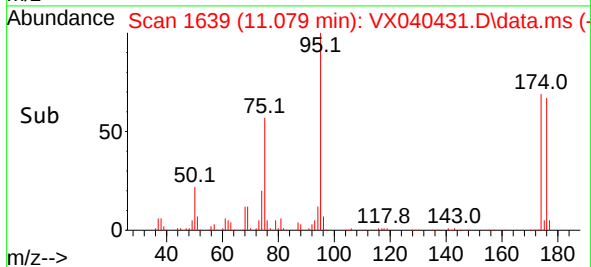
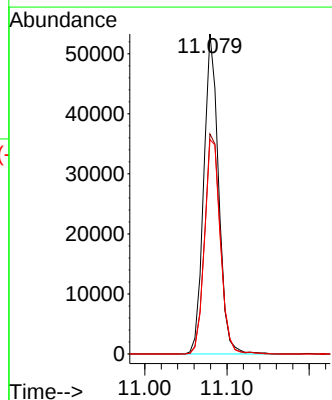
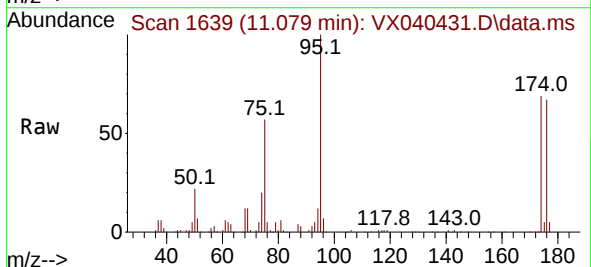
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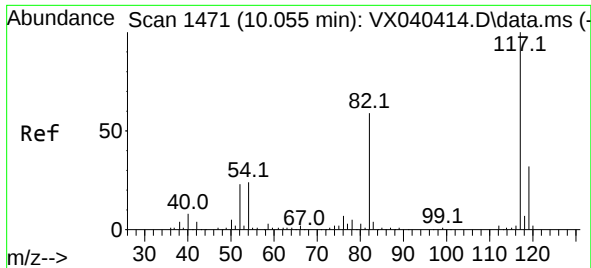
Tgt Ion: 98 Resp: 169347
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.474 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040431.D
Acq: 23 Feb 2024 15:00

Tgt Ion: 95 Resp: 66996
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 71.3 0.0 131.0

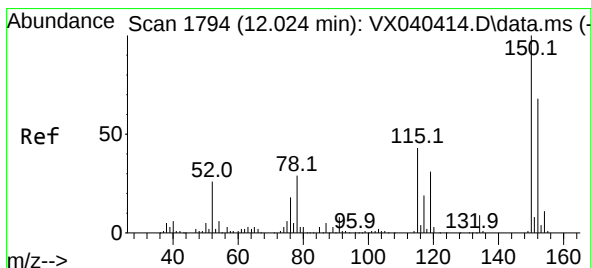
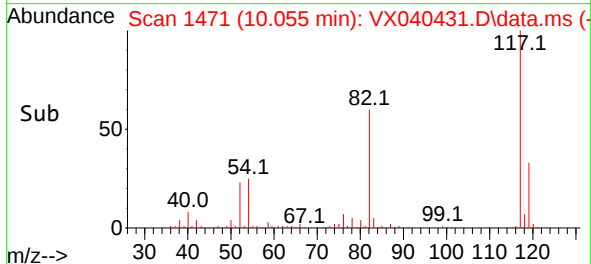
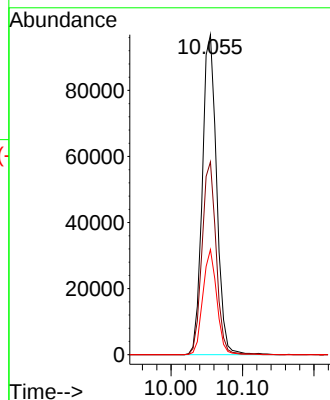
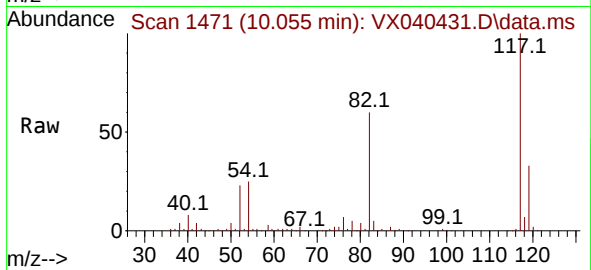




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040431.D
Acq: 23 Feb 2024 15:00

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#01

Tgt Ion:117 Resp: 134698
Ion Ratio Lower Upper
117 100
82 60.3 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040431.D
Acq: 23 Feb 2024 15:00

Tgt Ion:152 Resp: 65922
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 156.5 0.0 345.0

