

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034614.D
 Acq On : 18 Mar 2023 06:04
 Operator : JC/MD
 Sample : 01964-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 UNION-2

Quant Time: Mar 20 00:17:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

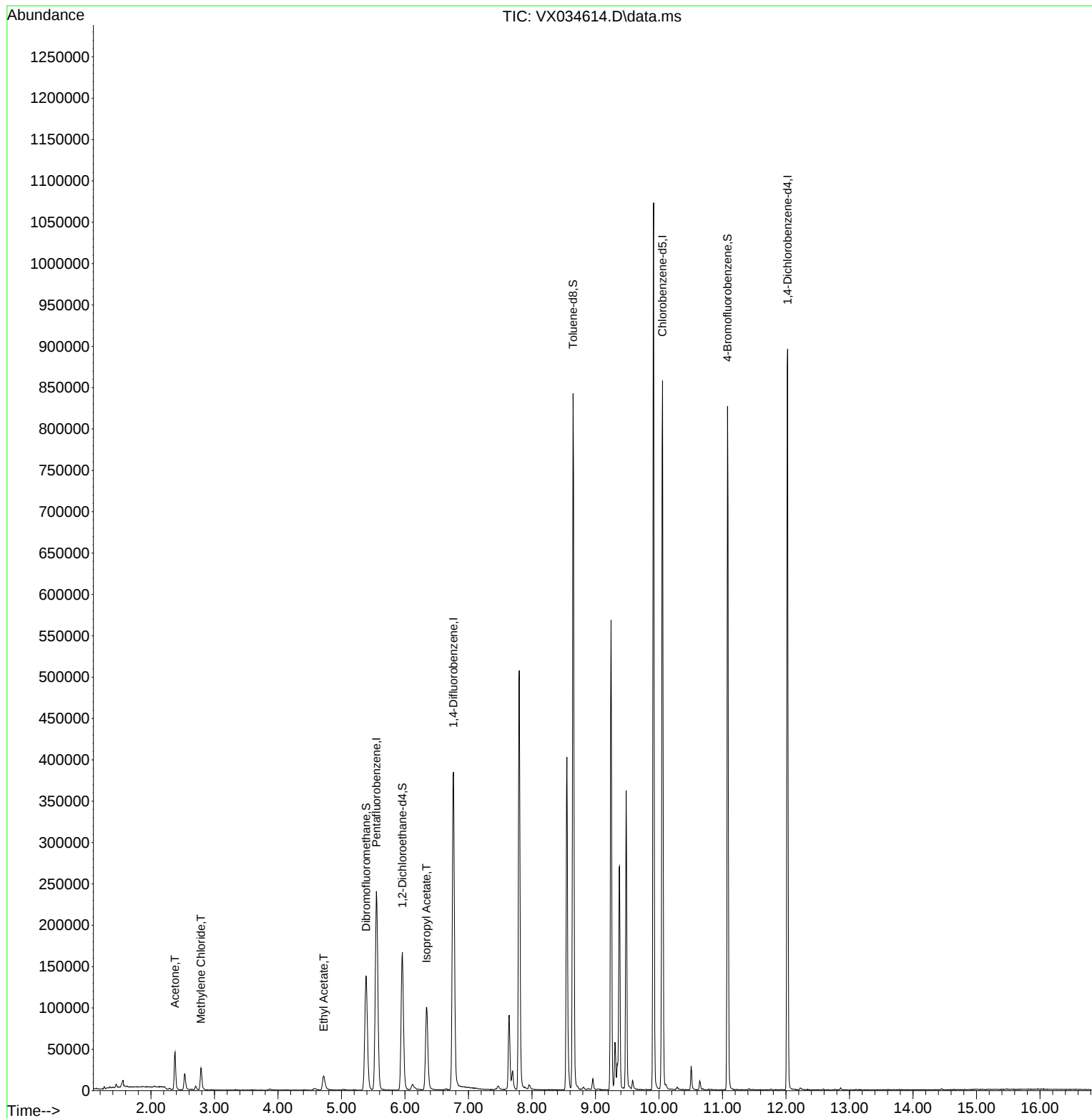
Internal Standards						
1) Pentafluorobenzene	5.550	168	224916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	380998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156363	47.787	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.580%
35) Dibromofluoromethane	5.385	113	118817	47.233	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.460%
50) Toluene-d8	8.647	98	472120	50.276	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.560%
62) 4-Bromofluorobenzene	11.079	95	217311	57.291	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.580%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	48121	31.221	ug/l	99
20) Methylene Chloride	2.788	84	11797	3.944	ug/l	94
37) Ethyl Acetate	4.721	43	31749	7.522	ug/l	98
43) Isopropyl Acetate	6.336	43	143570	20.078	ug/l	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
Data File : VX034614.D
Acq On : 18 Mar 2023 06:04
Operator : JC/MD
Sample : 01964-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
UNION-2

Quant Time: Mar 20 00:17:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

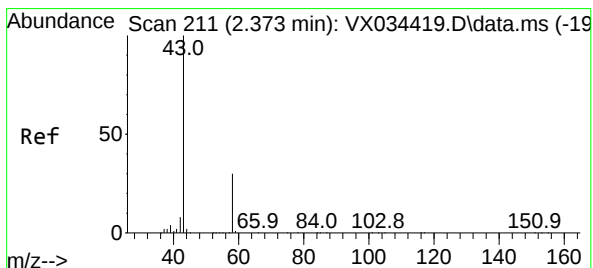
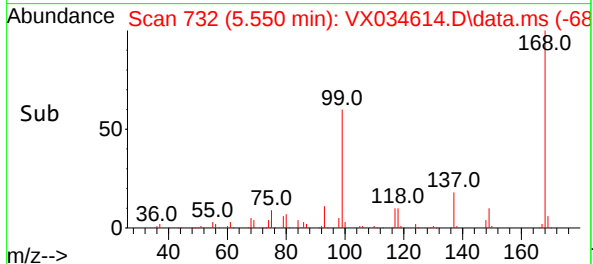
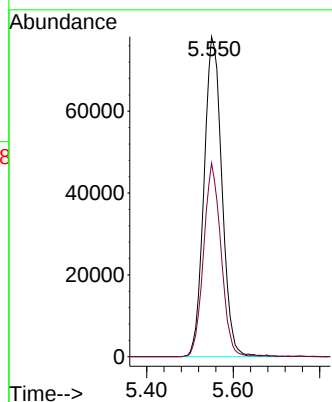
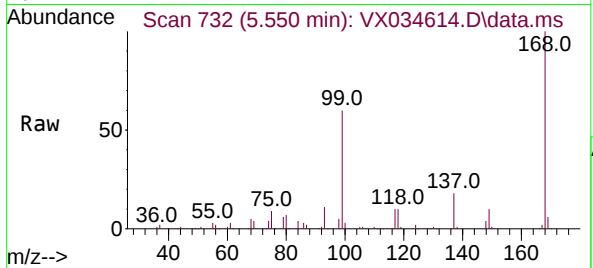




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034614.D
Acq: 18 Mar 2023 06:04

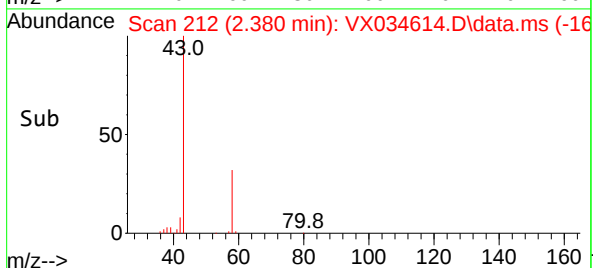
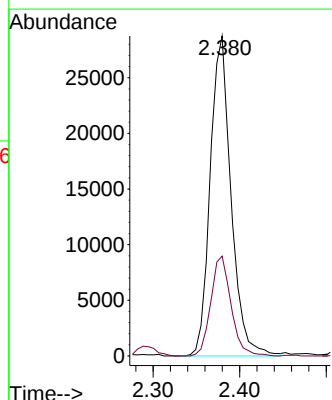
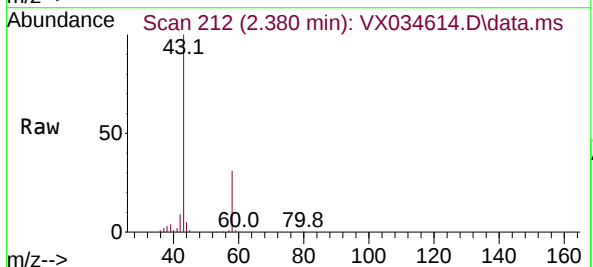
Instrument :
MSVOA_X
ClientSampleId :
UNION-2

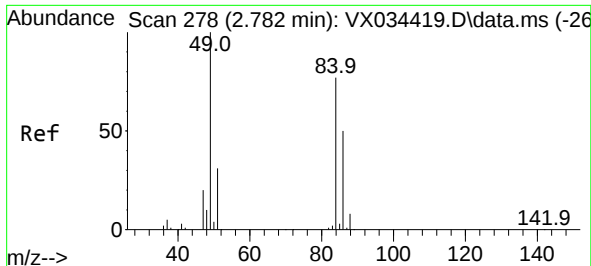
Tgt Ion:168 Resp: 224916
Ion Ratio Lower Upper
168 100
99 60.5 45.7 68.5



#16
Acetone
Concen: 31.221 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034614.D
Acq: 18 Mar 2023 06:04

Tgt Ion: 43 Resp: 48121
Ion Ratio Lower Upper
43 100
58 31.2 24.7 37.1



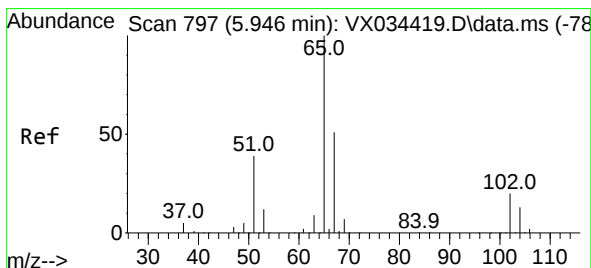
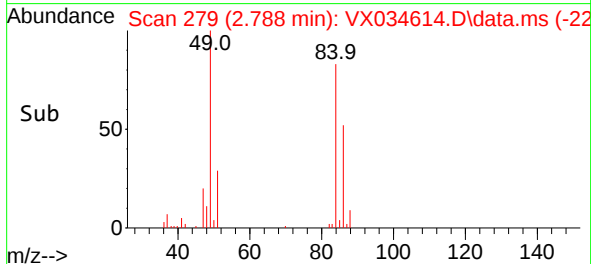
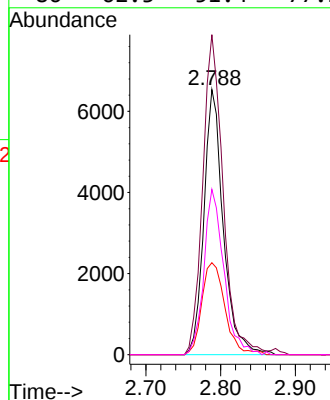
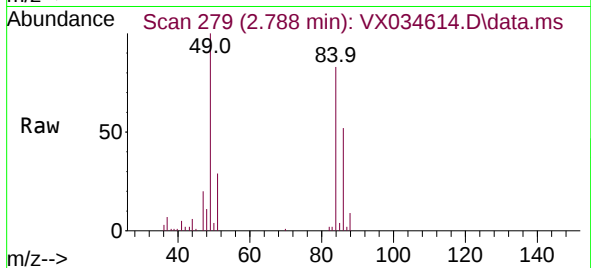


#20
Methylene Chloride
Concen: 3.944 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034614.D
Acq: 18 Mar 2023 06:04

Instrument :
MSVOA_X
ClientSampleId :
UNION-2

Tgt Ion: 84 Resp: 11797

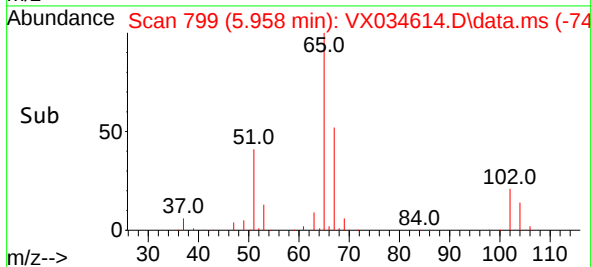
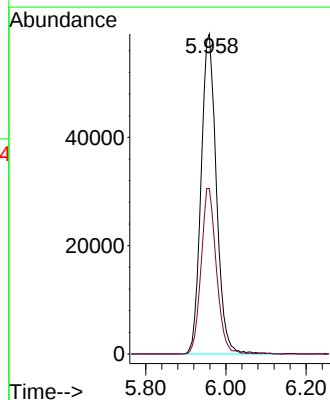
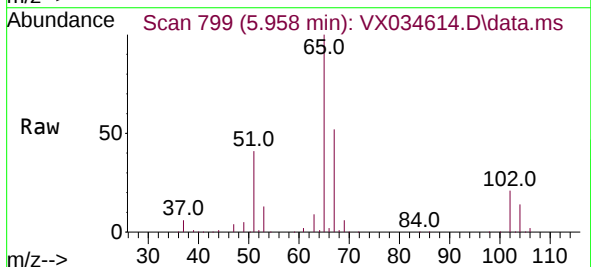
Ion	Ratio	Lower	Upper
84	100		
49	120.7	103.8	155.8
51	34.7	31.8	47.8
86	62.3	51.4	77.2

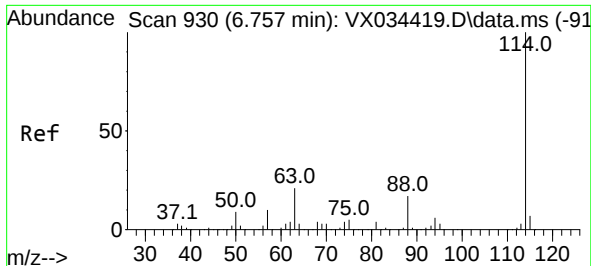


#33
1,2-Dichloroethane-d4
Concen: 47.787 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034614.D
Acq: 18 Mar 2023 06:04

Tgt Ion: 65 Resp: 156363

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.0

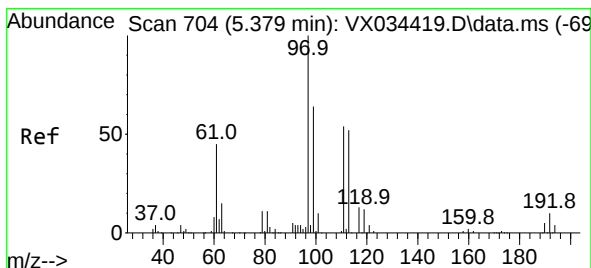
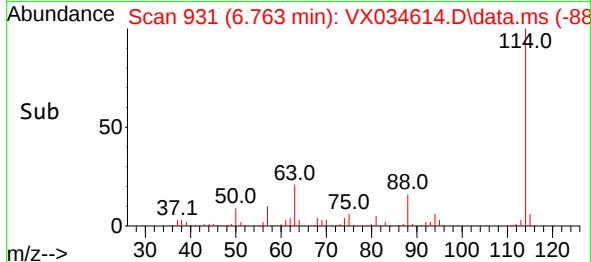
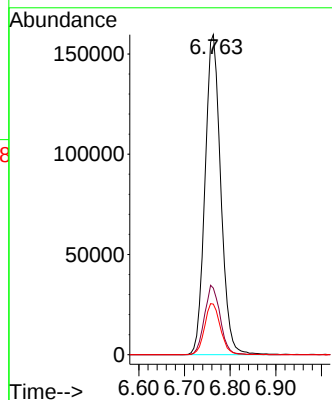
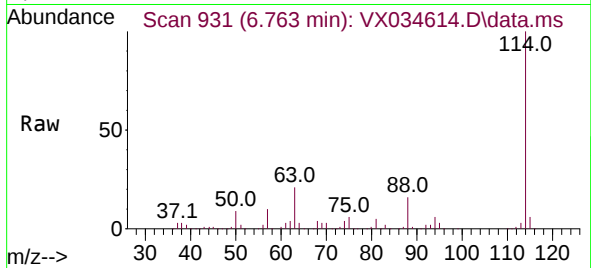




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034614.D
Acq: 18 Mar 2023 06:04

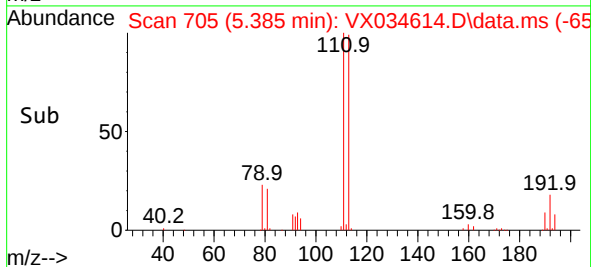
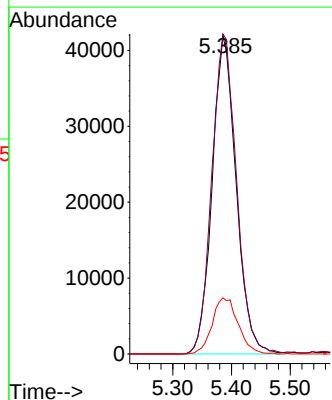
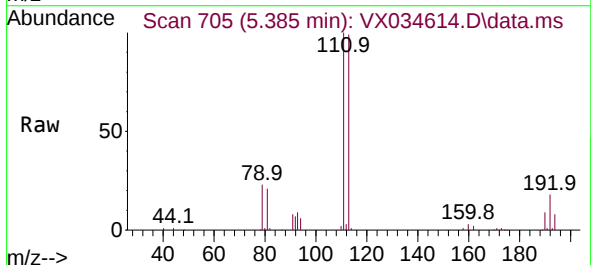
Instrument :
MSVOA_X
ClientSampleId :
UNION-2

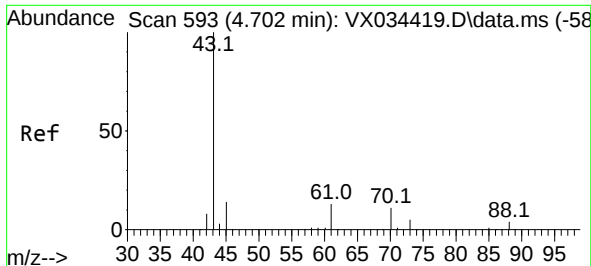
Tgt Ion:114 Resp: 380998
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.2
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.233 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034614.D
Acq: 18 Mar 2023 06:04

Tgt Ion:113 Resp: 118817
Ion Ratio Lower Upper
113 100
111 103.6 83.7 125.5
192 19.1 15.4 23.2





#37

Ethyl Acetate

Concen: 7.522 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.018 min

Lab File: VX034614.D

Acq: 18 Mar 2023 06:04

Instrument :

MSVOA_X

ClientSampleId :

UNION-2

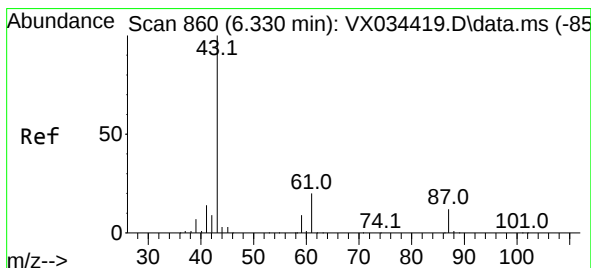
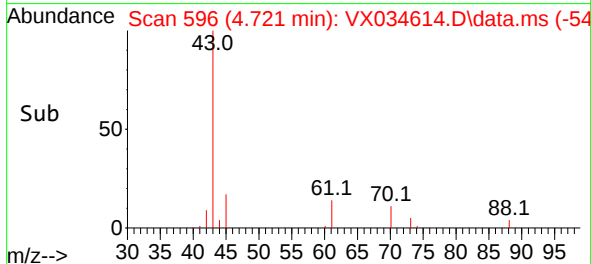
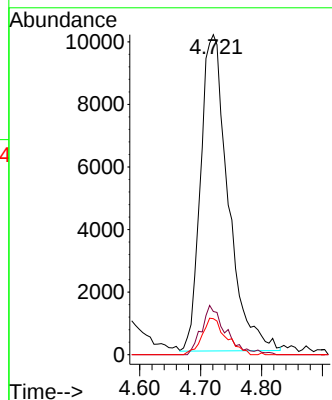
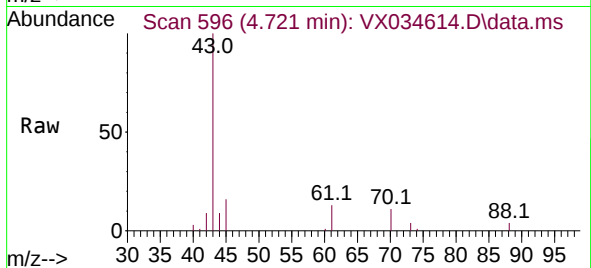
Tgt Ion: 43 Resp: 31749

Ion Ratio Lower Upper

43 100

61 13.8 10.2 15.4

70 10.1 8.2 12.4



#43

Isopropyl Acetate

Concen: 20.078 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX034614.D

Acq: 18 Mar 2023 06:04

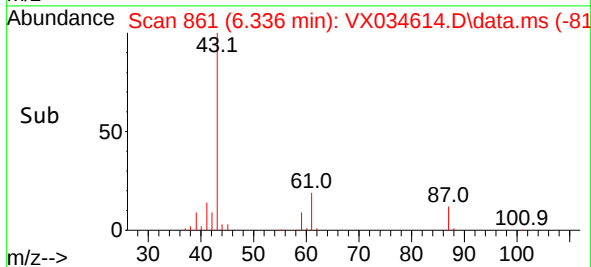
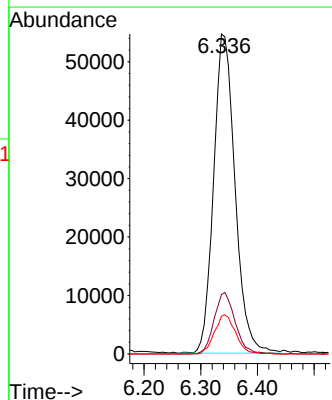
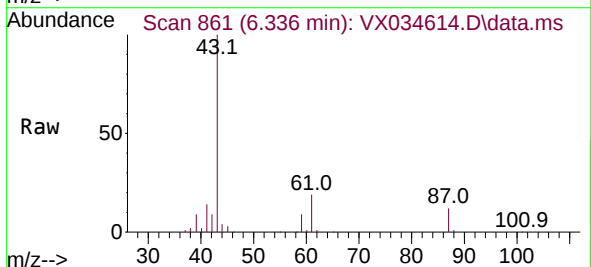
Tgt Ion: 43 Resp: 143570

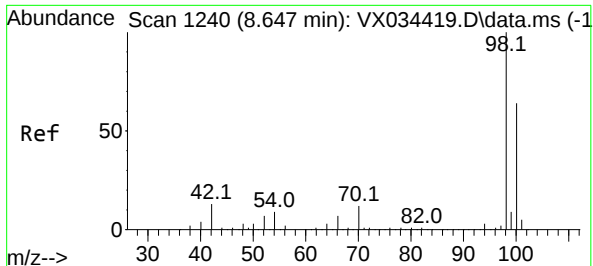
Ion Ratio Lower Upper

43 100

61 18.9 15.2 22.8

87 12.0 9.8 14.8

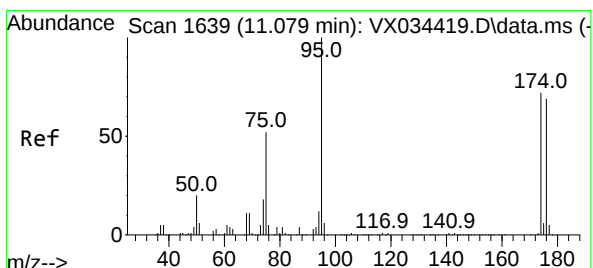
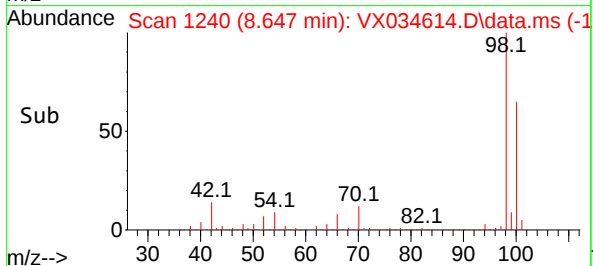
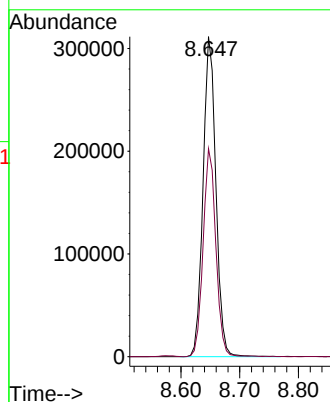
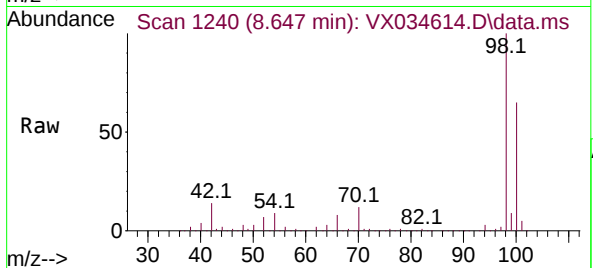




#50
Toluene-d8
Concen: 50.276 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034614.D
Acq: 18 Mar 2023 06:04

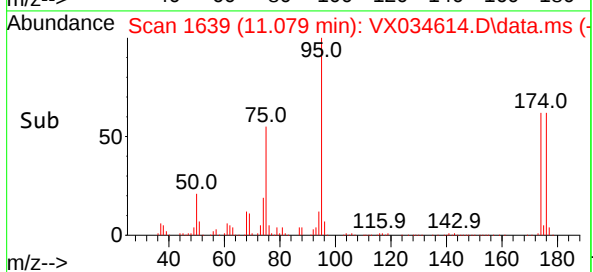
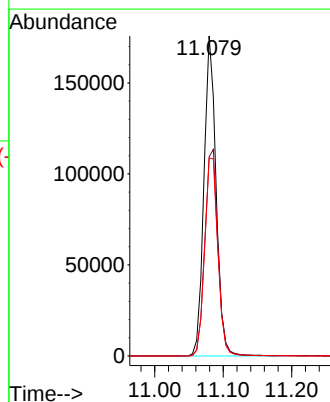
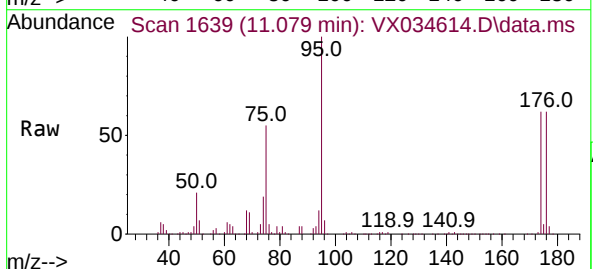
Instrument :
MSVOA_X
ClientSampleId :
UNION-2

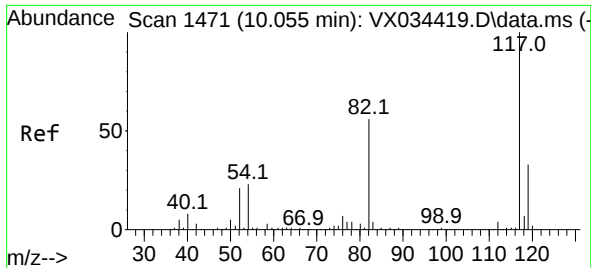
Tgt Ion: 98 Resp: 472120
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 57.291 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034614.D
Acq: 18 Mar 2023 06:04

Tgt Ion: 95 Resp: 217311
Ion Ratio Lower Upper
95 100
174 69.4 0.0 147.4
176 67.4 0.0 140.6

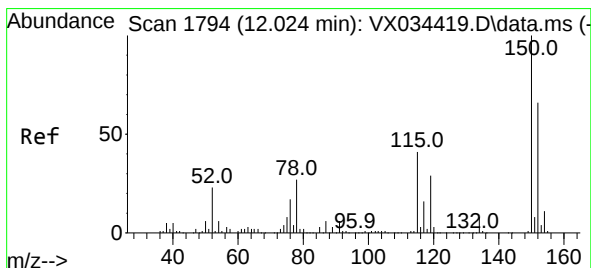
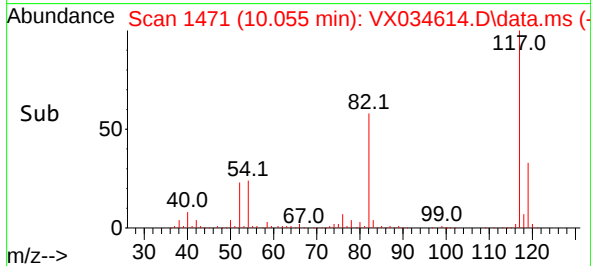
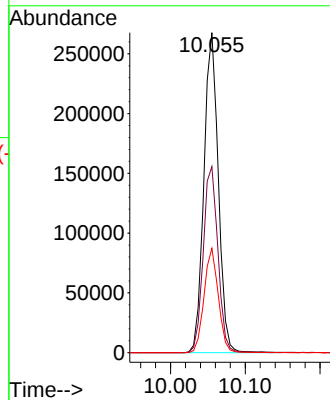
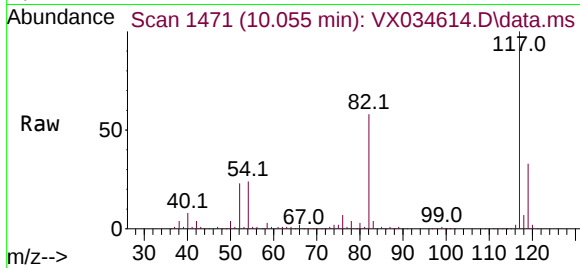




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034614.D
Acq: 18 Mar 2023 06:04

Instrument :
MSVOA_X
ClientSampleId :
UNION-2

Tgt Ion:117 Resp: 358010
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034614.D
Acq: 18 Mar 2023 06:04

Tgt Ion:152 Resp: 181444
Ion Ratio Lower Upper
152 100
115 63.6 45.0 135.0
150 156.3 0.0 352.4

