Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
Data File : VX036806.D
Acq On : 04 Aug 2023 13:31
Operator : JC/MD
Sample : ZHC#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ZHC#04

Quant Time: Aug 05 00:10:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	140558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99884	48.027	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.060%		
35) Dibromofluoromethane	5.385	113	83321	46.871	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.740%		
50) Toluene-d8	8.647	98	309950	49.167	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.340%		
62) 4-Bromofluorobenzene	11.079	95	118288	49.734	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.460%		
Target Compounds						Qvalue
16) Acetone	2.380	43	42777	49.566	ug/l	91
20) Methylene Chloride	2.788	84	6726	3.504	ug/l	95
25) 2-Butanone	4.562	43	19079	13.626	ug/l	97
37) Ethyl Acetate	4.727	43	6495	2.166	ug/l #	95
43) Isopropyl Acetate	6.336	43	139631	27.048	ug/l	96

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

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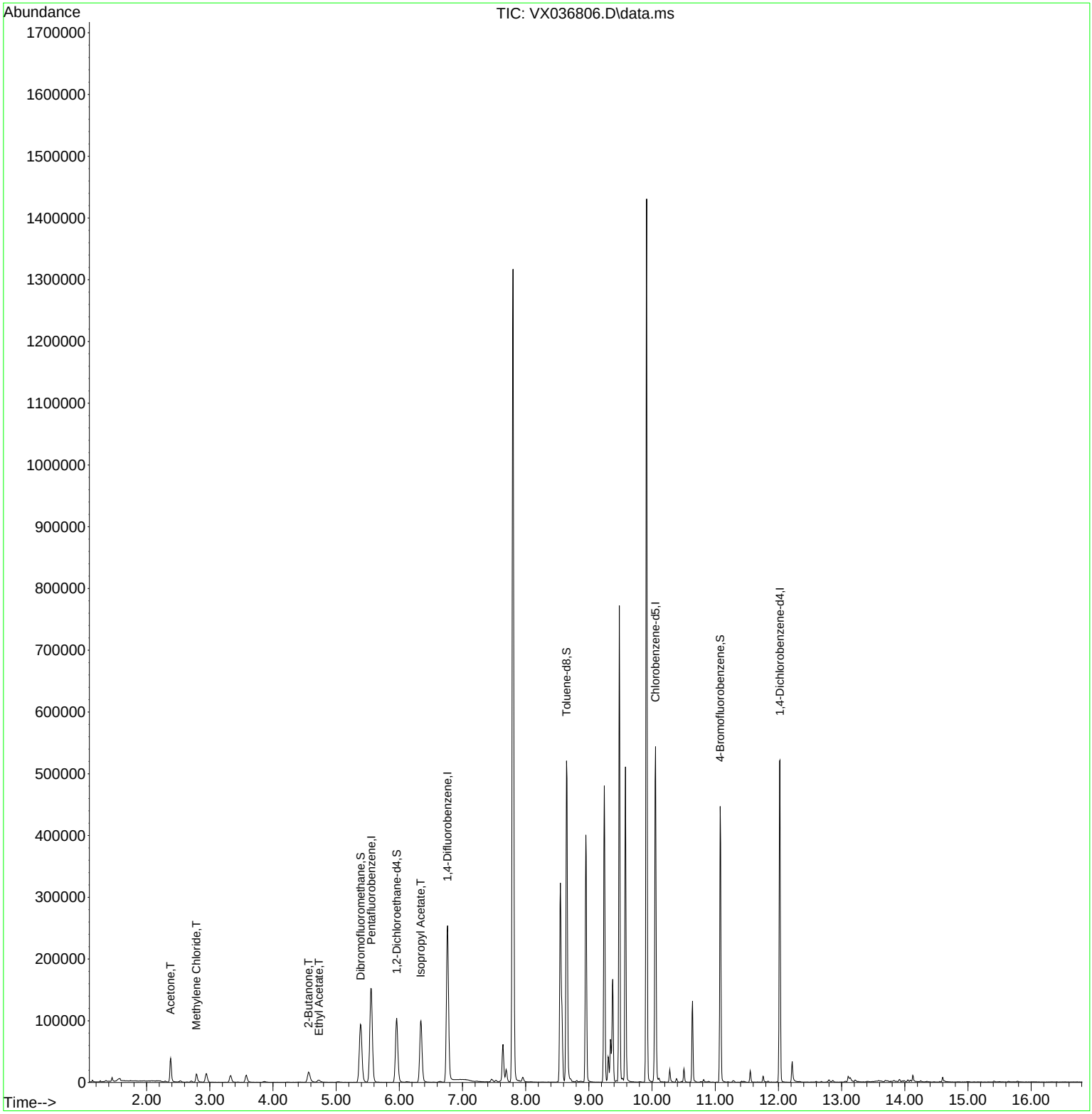
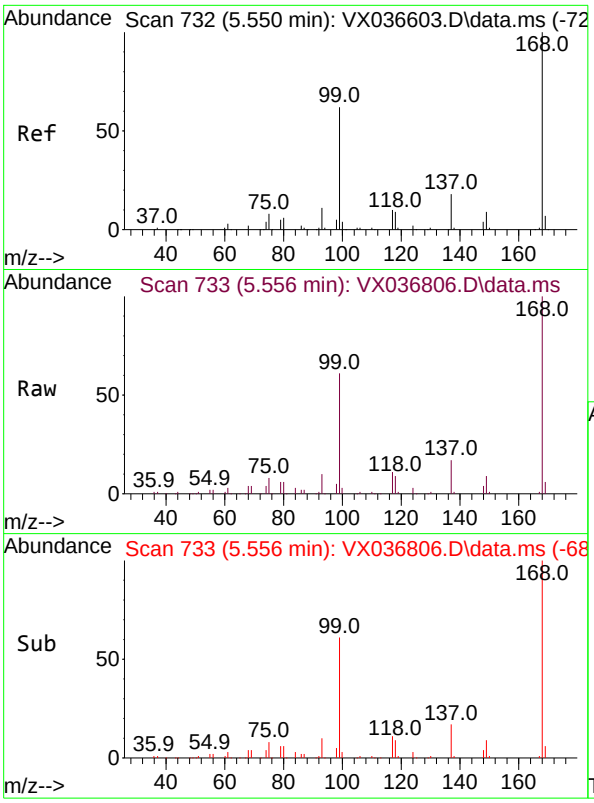


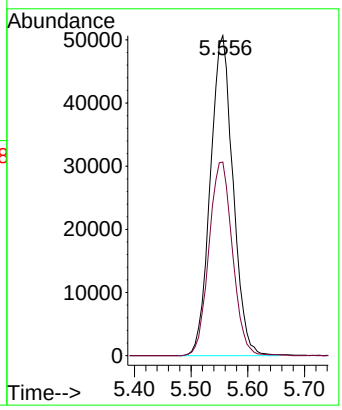


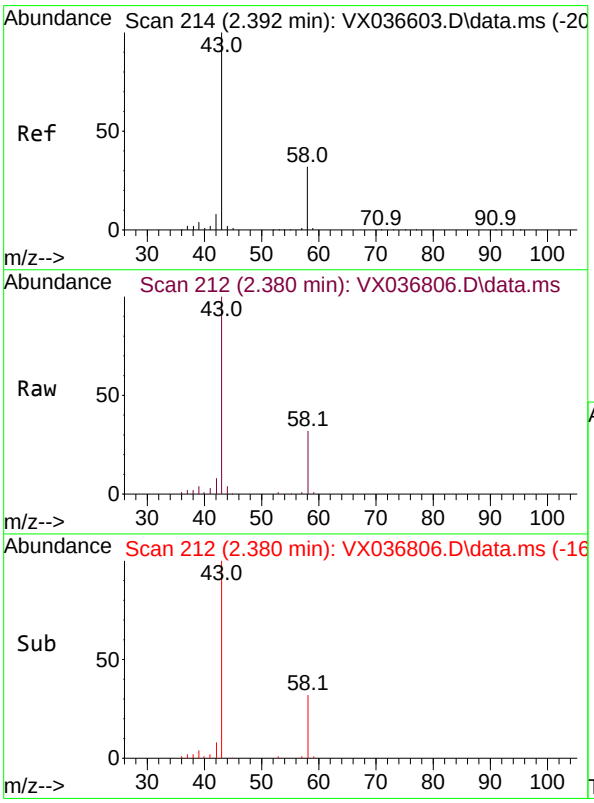
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX036806.D
Acq: 04 Aug 2023 13:31

Instrument :
MSVOA_X
ClientSampleId :
ZHC#04

Tgt Ion:168 Resp: 140558

Ion	Ratio	Lower	Upper
168	100		
99	60.5	56.6	85.0

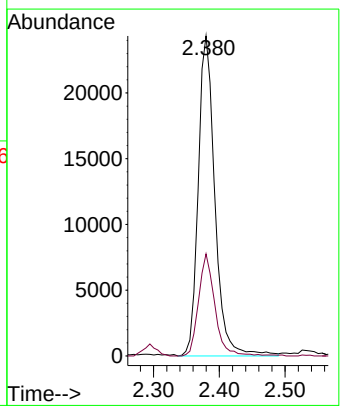


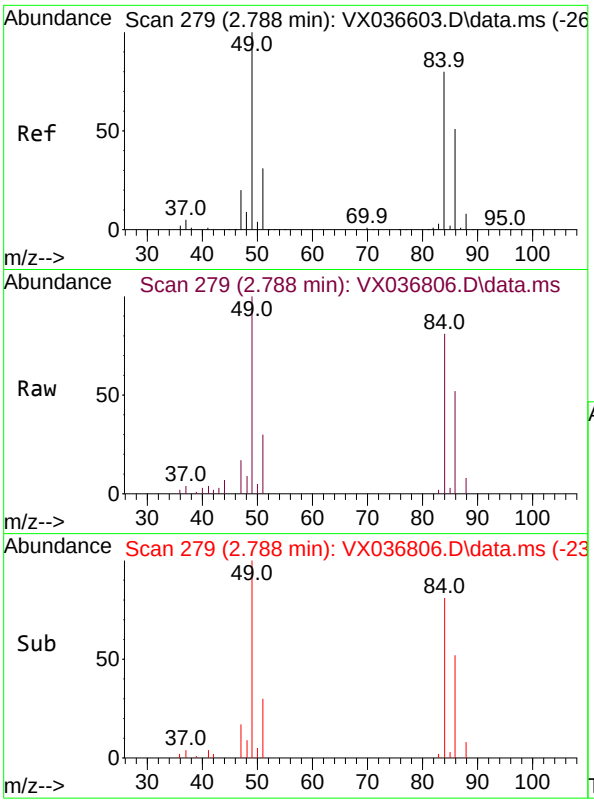


#16
Acetone
Concen: 49.566 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036806.D
Acq: 04 Aug 2023 13:31

Tgt Ion: 43 Resp: 42777

Ion	Ratio	Lower	Upper
43	100		
58	31.9	21.9	32.9



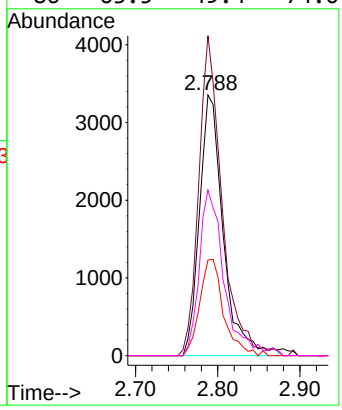


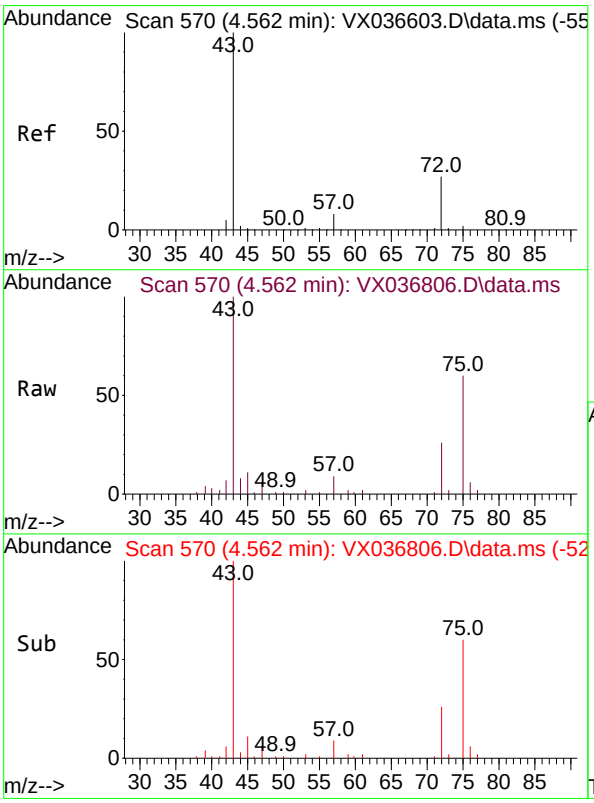
#20
Methylene Chloride
Concen: 3.504 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX036806.D
Acq: 04 Aug 2023 13:31

Instrument :
MSVOA_X
ClientSampleId :
ZHC#04

Tgt Ion: 84 Resp: 6726

Ion	Ratio	Lower	Upper
84	100		
49	122.7	103.6	155.4
51	36.7	33.8	50.6
86	63.5	49.4	74.0

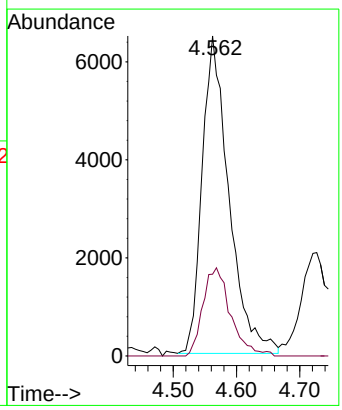


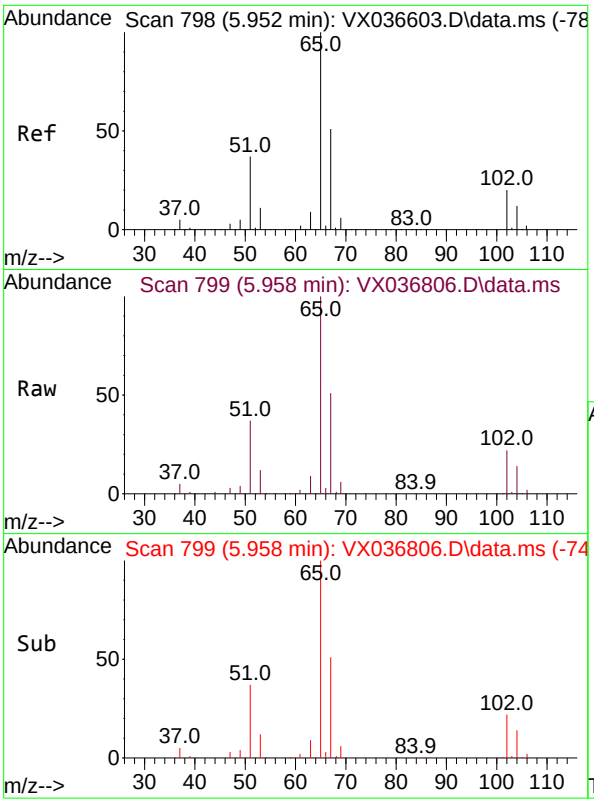


#25
2-Butanone
Concen: 13.626 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036806.D
Acq: 04 Aug 2023 13:31

Tgt Ion: 43 Resp: 19079

Ion	Ratio	Lower	Upper
43	100		
72	25.8	19.4	29.2



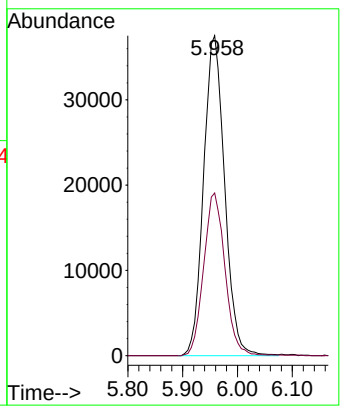


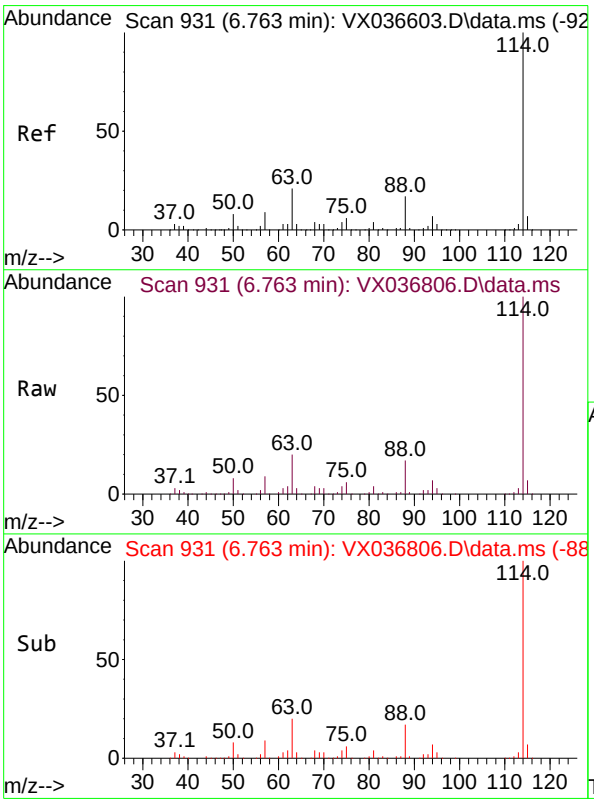
#33
1,2-Dichloroethane-d4
Concen: 48.027 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX036806.D
Acq: 04 Aug 2023 13:31

Instrument :
MSVOA_X
ClientSampleId :
ZHC#04

Tgt Ion: 65 Resp: 99884

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	100.2

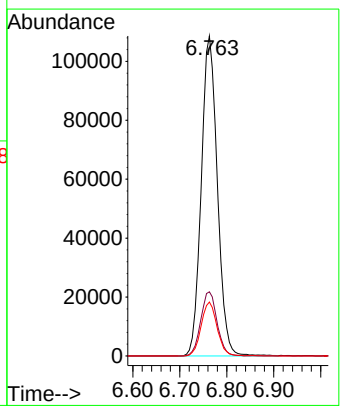


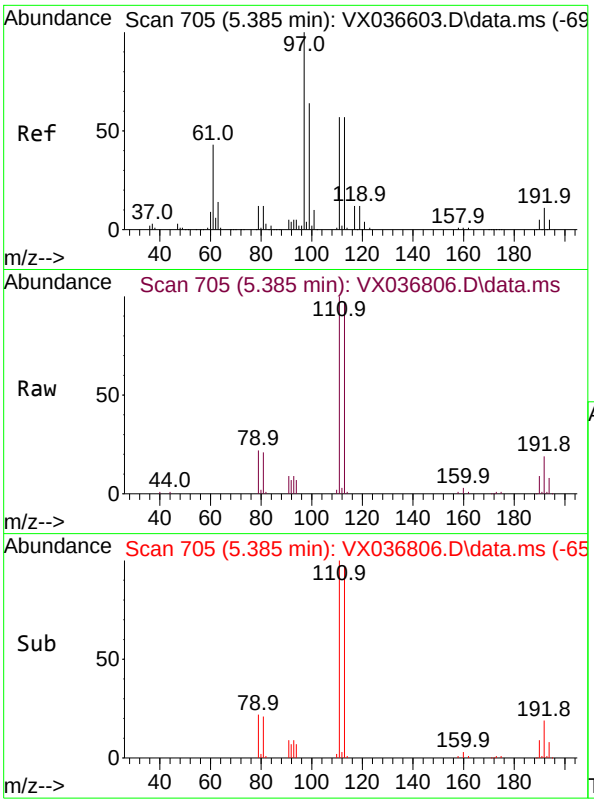


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036806.D
Acq: 04 Aug 2023 13:31

Tgt Ion:114 Resp: 258629

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	45.0
88	16.9	0.0	36.6



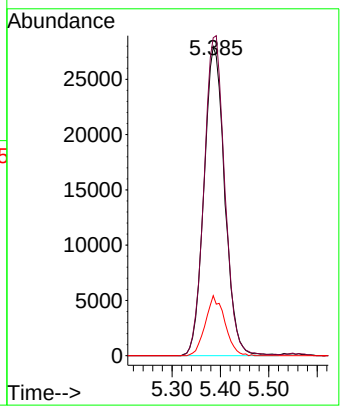


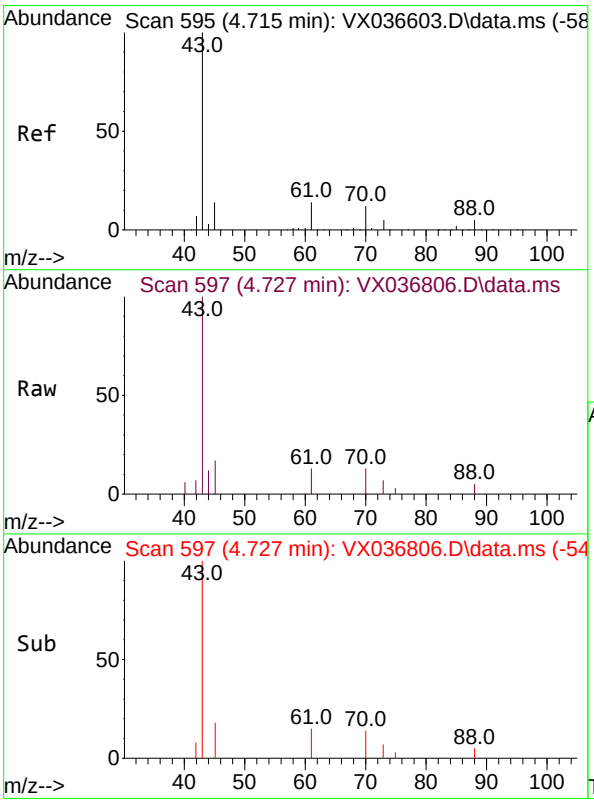
#35
Dibromofluoromethane
Concen: 46.871 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX036806.D
Acq: 04 Aug 2023 13:31

Instrument :
MSVOA_X
ClientSampleId :
ZHC#04

Tgt Ion:113 Resp: 83321

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	18.2	13.3	19.9

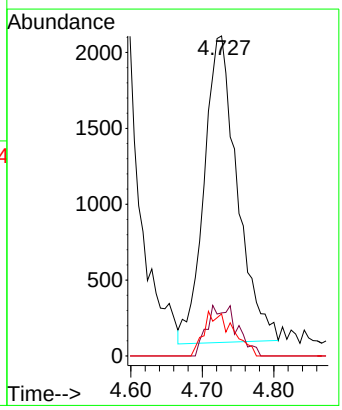


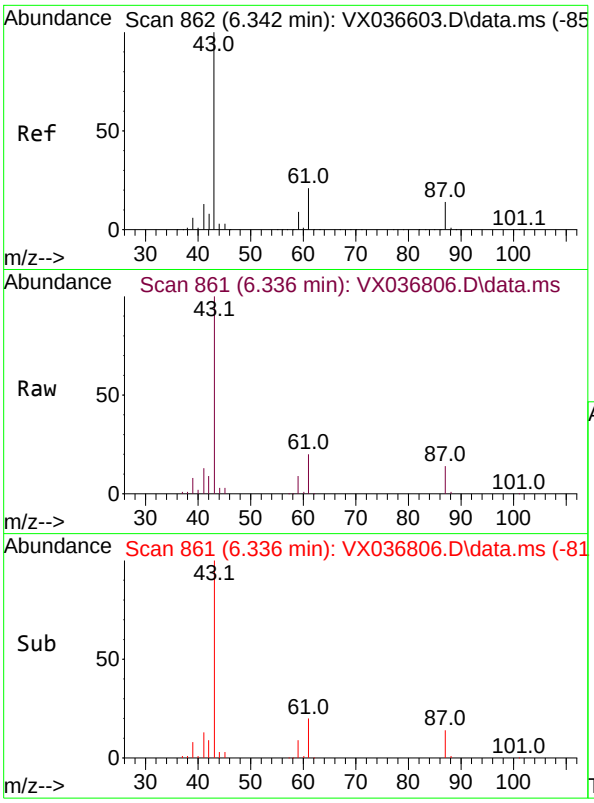


#37
Ethyl Acetate
Concen: 2.166 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX036806.D
Acq: 04 Aug 2023 13:31

Tgt Ion: 43 Resp: 6495

Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.6	16.0
70	12.7	8.3	12.5#



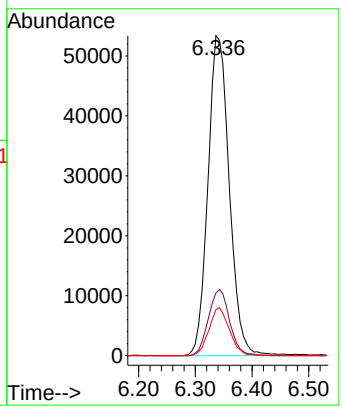


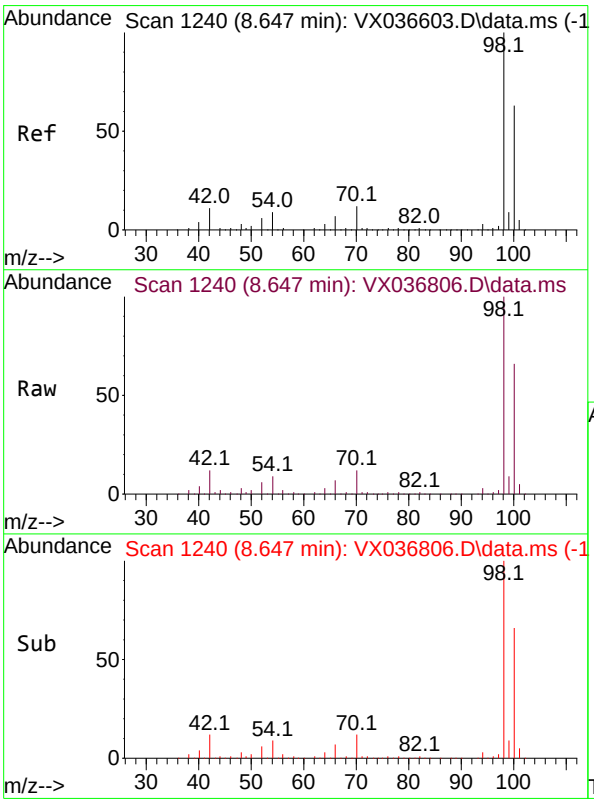
#43
Isopropyl Acetate
Concen: 27.048 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX036806.D
Acq: 04 Aug 2023 13:31

Instrument :
MSVOA_X
ClientSampleId :
ZHC#04

Tgt Ion: 43 Resp: 139631

Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.2	22.8
87	14.4	9.8	14.6

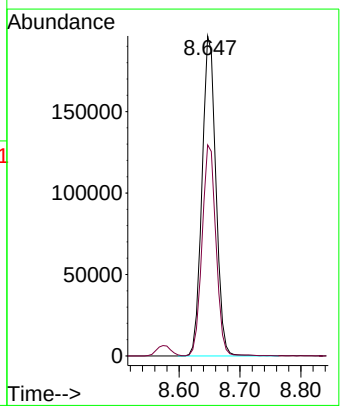


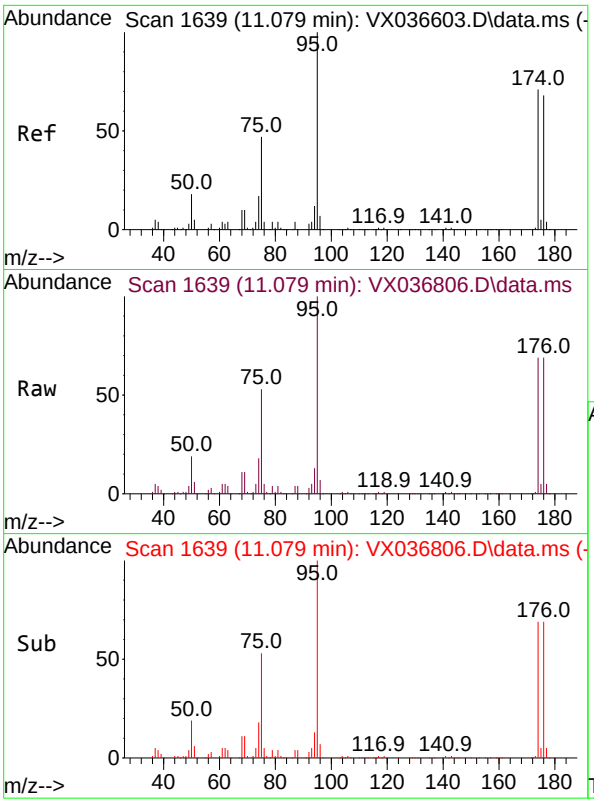


#50
Toluene-d8
Concen: 49.167 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036806.D
Acq: 04 Aug 2023 13:31

Tgt Ion: 98 Resp: 309950

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7



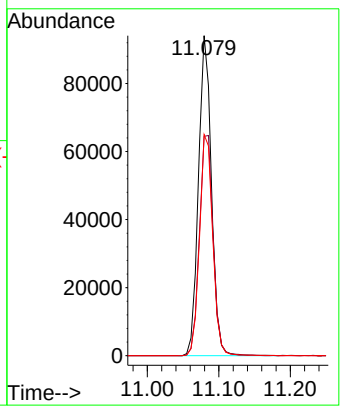


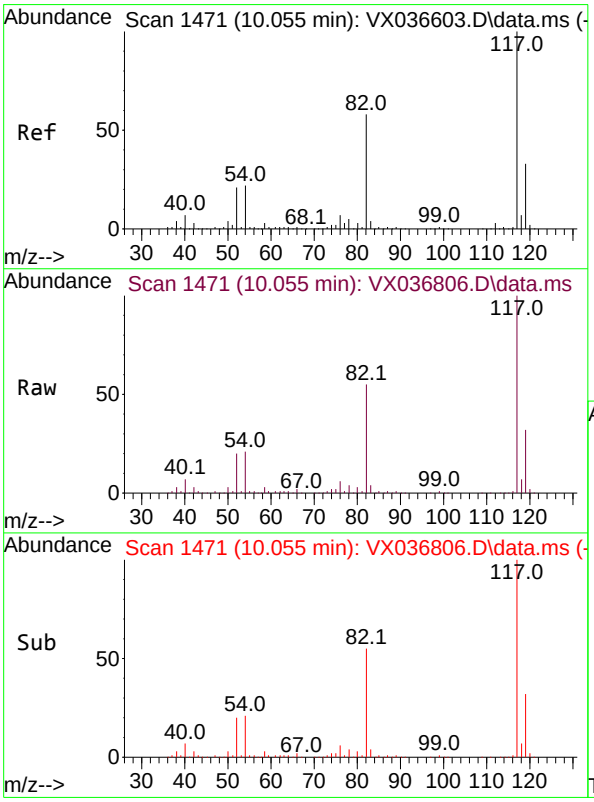
#62
4-Bromofluorobenzene
Concen: 49.734 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036806.D
Acq: 04 Aug 2023 13:31

Instrument :
MSVOA_X
ClientSampleId :
ZHC#04

Tgt Ion: 95 Resp: 118288

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	135.6
176	70.6	0.0	131.0

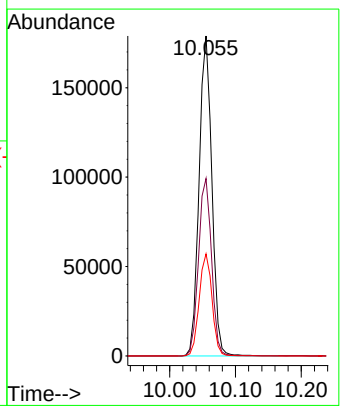


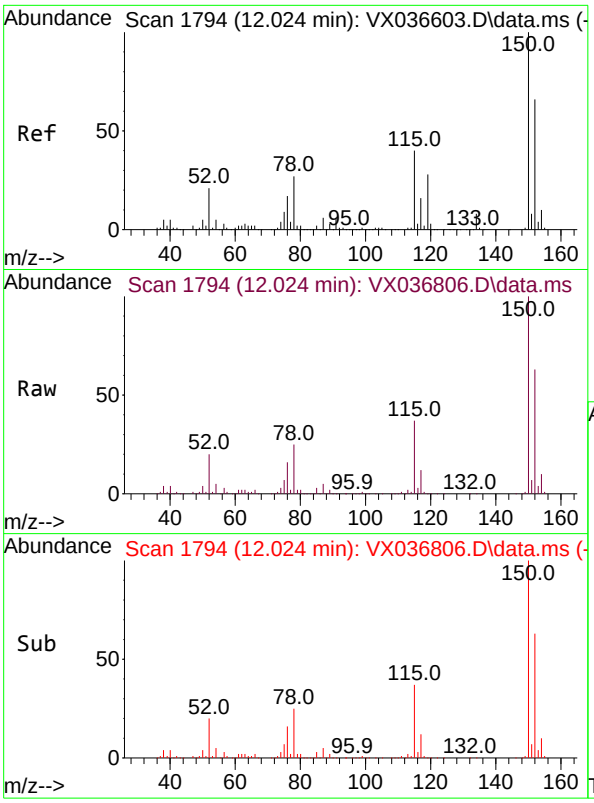


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036806.D
Acq: 04 Aug 2023 13:31

Tgt Ion:117 Resp: 241026

Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.2	69.4
119	31.9	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036806.D
Acq: 04 Aug 2023 13:31

Instrument :
MSVOA_X
ClientSampleId :
ZHC#04

Tgt Ion:152 Resp: 107292

Ion	Ratio	Lower	Upper
152	100		
115	62.8	43.3	129.9
150	160.6	0.0	345.0