Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
Data File : VX035597.D
Acq On : 10 May 2023 19:29
Operator : JC/MD
Sample : 02652-04 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RO-290535

Quant Time: May 11 04:31:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	312085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	509136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	473242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	248154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159117	42.261	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 84.520%			
35) Dibromofluoromethane	5.385	113	156886	50.205	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.400%			
50) Toluene-d8	8.647	98	584500	49.583	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.160%			
62) 4-Bromofluorobenzene	11.079	95	235733	53.159	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.320%			
Target Compounds						Qvalue
16) Acetone	2.398	43	29536	18.062	ug/l	96
20) Methylene Chloride	2.788	84	5006	1.335	ug/l #	84
25) 2-Butanone	4.562	43	11503	4.819	ug/l	94
43) Isopropyl Acetate	6.336	43	20735	2.769	ug/l #	91
52) Toluene	8.720	92	12279	1.384	ug/l	99

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

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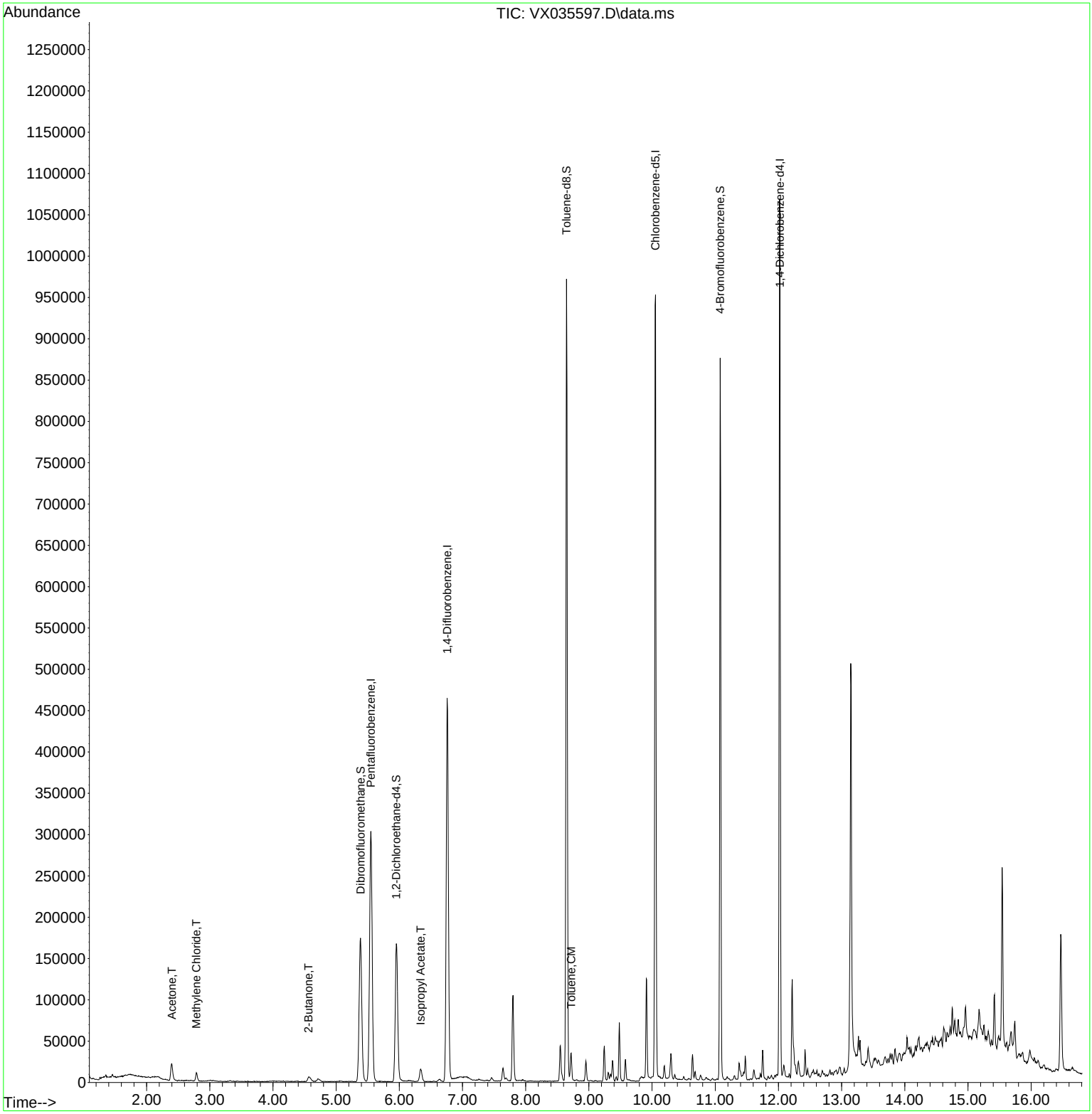
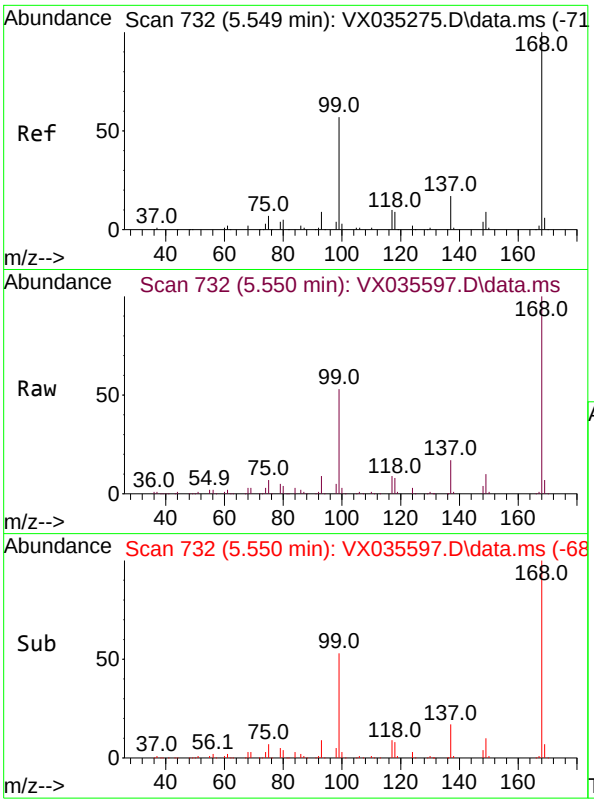


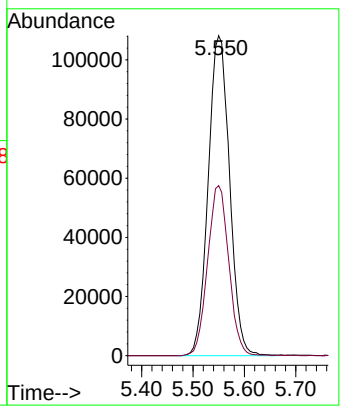


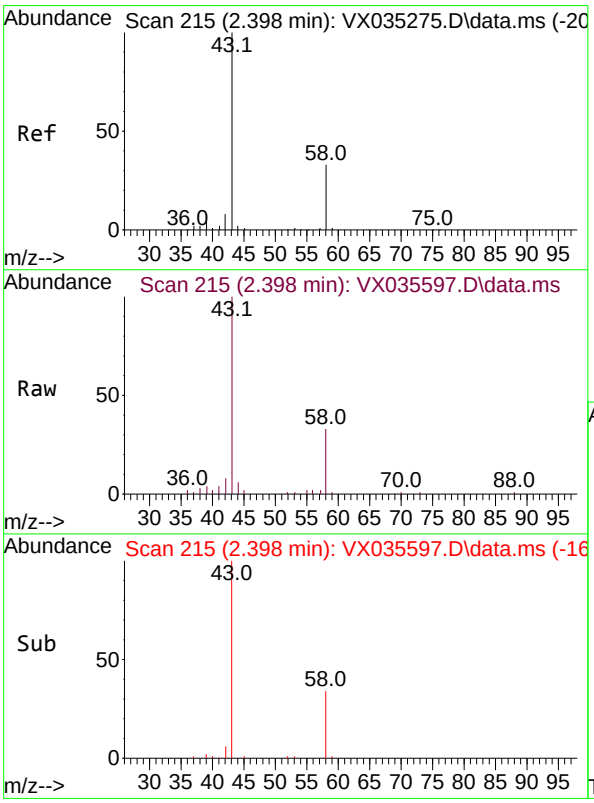
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX035597.D
Acq: 10 May 2023 19:29

Instrument :
MSVOA_X
ClientSampleId :
RO-290535

Tgt Ion:168 Resp: 312085

Ion	Ratio	Lower	Upper
168	100		
99	53.1	45.7	68.5

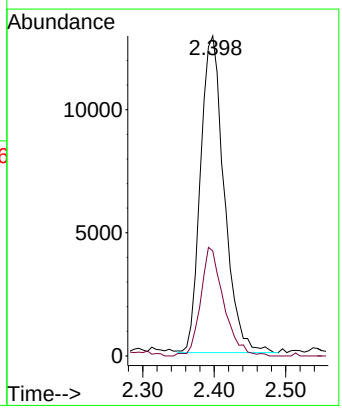


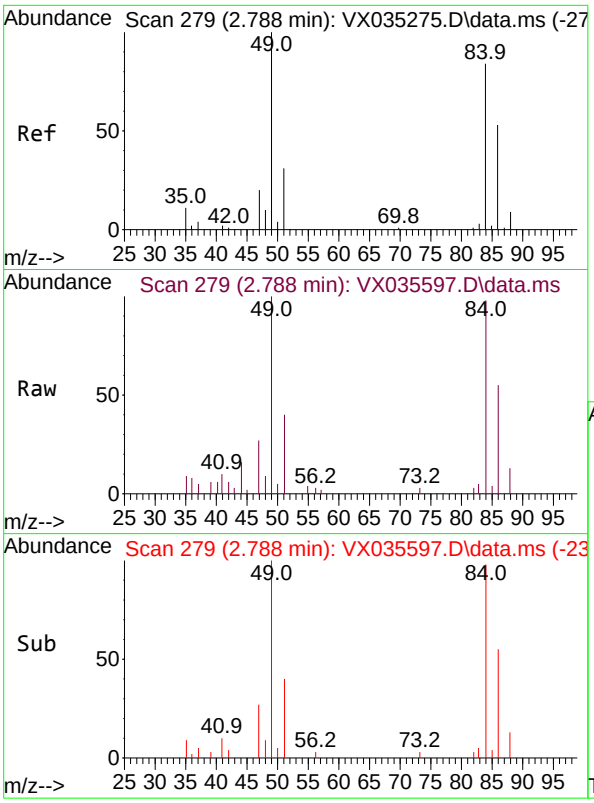


#16
Acetone
Concen: 18.062 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035597.D
Acq: 10 May 2023 19:29

Tgt Ion: 43 Resp: 29536

Ion	Ratio	Lower	Upper
43	100		
58	33.1	24.7	37.1



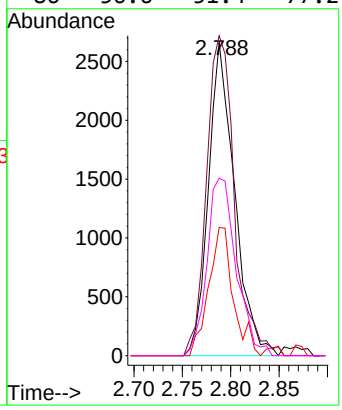


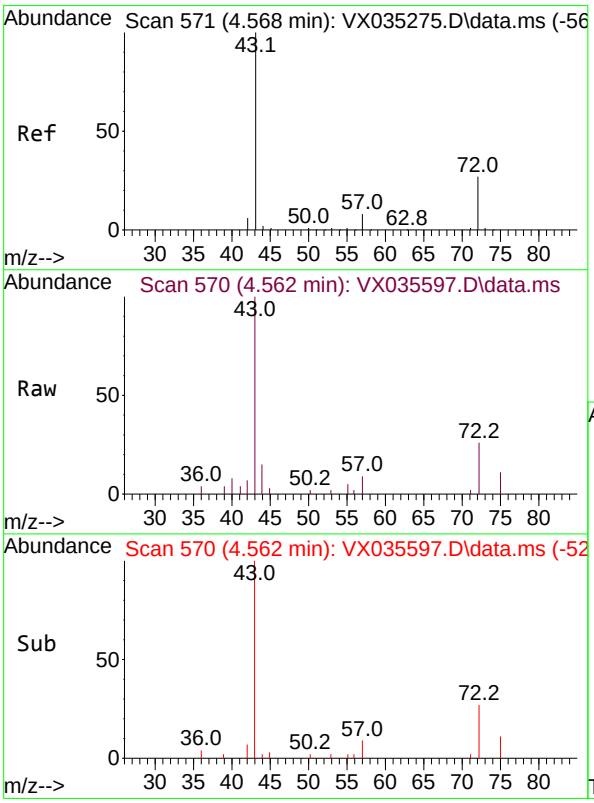
#20
Methylene Chloride
Concen: 1.335 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX035597.D
Acq: 10 May 2023 19:29

Instrument :
MSVOA_X
ClientSampleId :
RO-290535

Tgt Ion: 84 Resp: 5006

Ion	Ratio	Lower	Upper
84	100		
49	102.1	103.8	155.8#
51	40.9	31.8	47.8
86	56.6	51.4	77.2

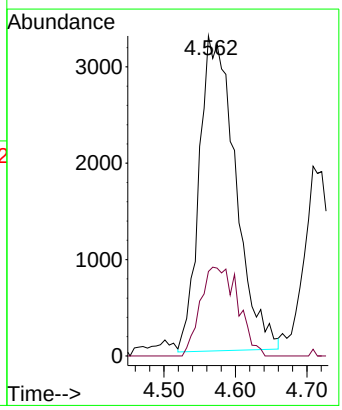


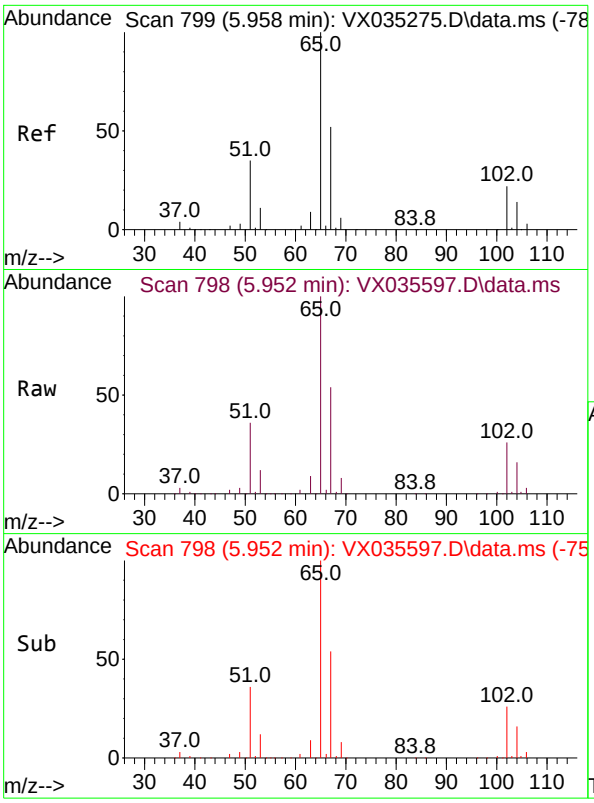


#25
2-Butanone
Concen: 4.819 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX035597.D
Acq: 10 May 2023 19:29

Tgt Ion: 43 Resp: 11503

Ion	Ratio	Lower	Upper
43	100		
72	27.0	19.3	28.9



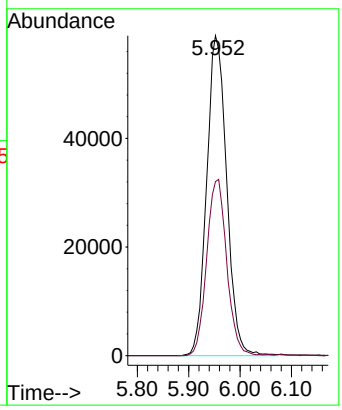


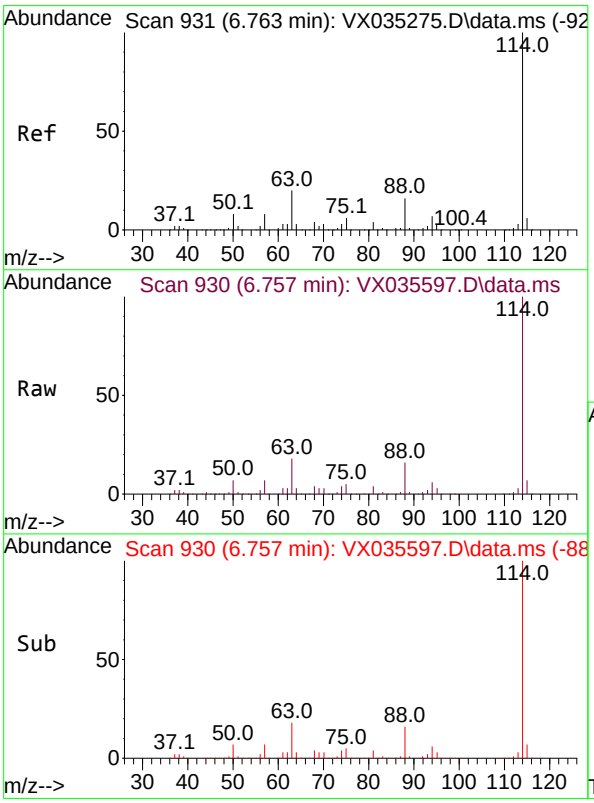
#33
1,2-Dichloroethane-d4
Concen: 42.261 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX035597.D
Acq: 10 May 2023 19:29

Instrument :
MSVOA_X
ClientSampleId :
RO-290535

Tgt Ion: 65 Resp: 159117

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	104.0

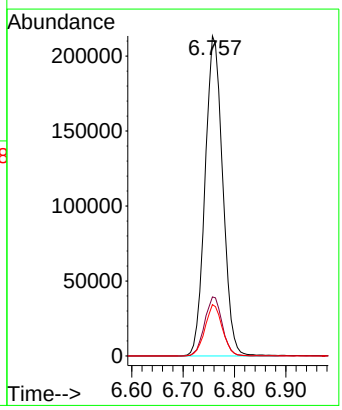


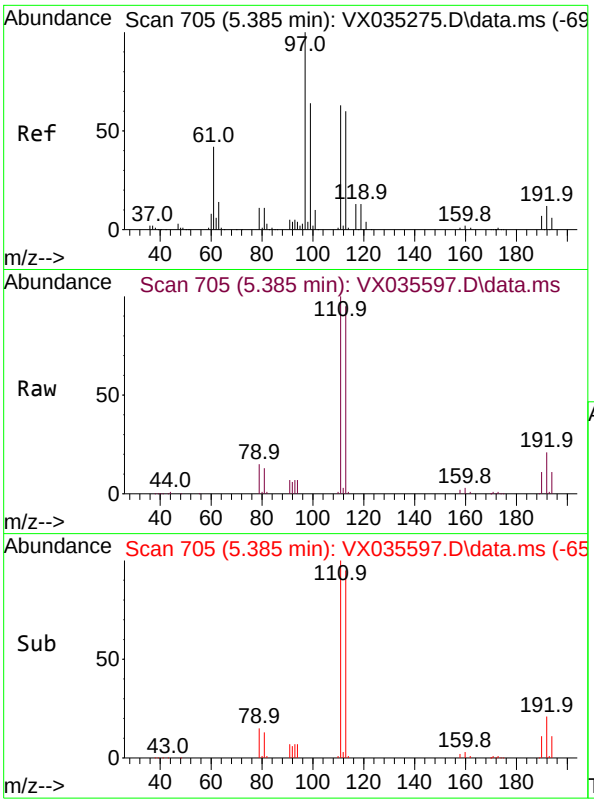


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035597.D
Acq: 10 May 2023 19:29

Tgt Ion:114 Resp: 509136

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	42.2
88	16.1	0.0	33.2



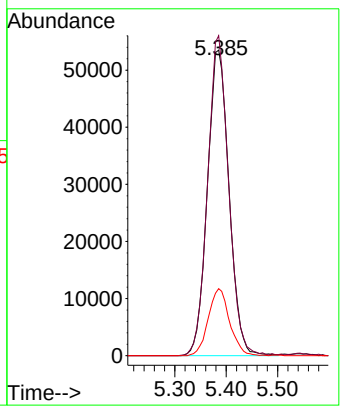


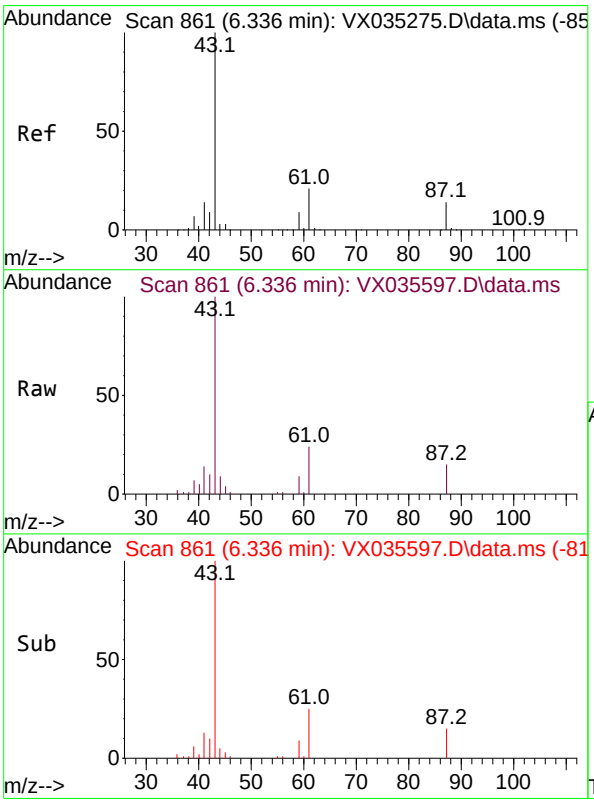
#35
Dibromofluoromethane
Concen: 50.205 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX035597.D
Acq: 10 May 2023 19:29

Instrument :
MSVOA_X
ClientSampleId :
RO-290535

Tgt Ion:113 Resp: 156886

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.7	125.5
192	21.6	15.4	23.2

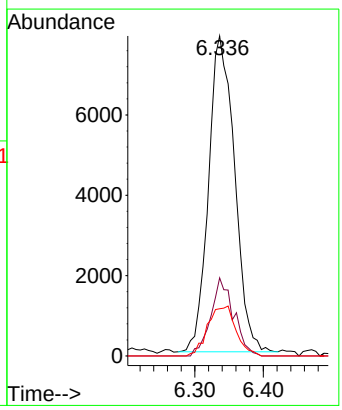


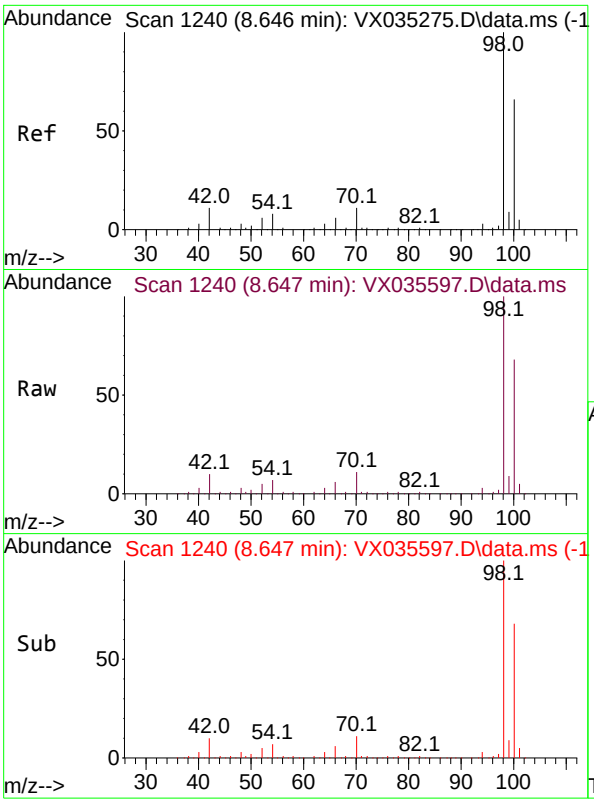


#43
Isopropyl Acetate
Concen: 2.769 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035597.D
Acq: 10 May 2023 19:29

Tgt Ion: 43 Resp: 20735

Ion	Ratio	Lower	Upper
43	100		
61	21.8	15.2	22.8
87	17.1	9.8	14.8#



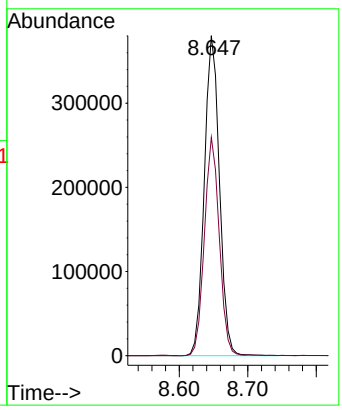


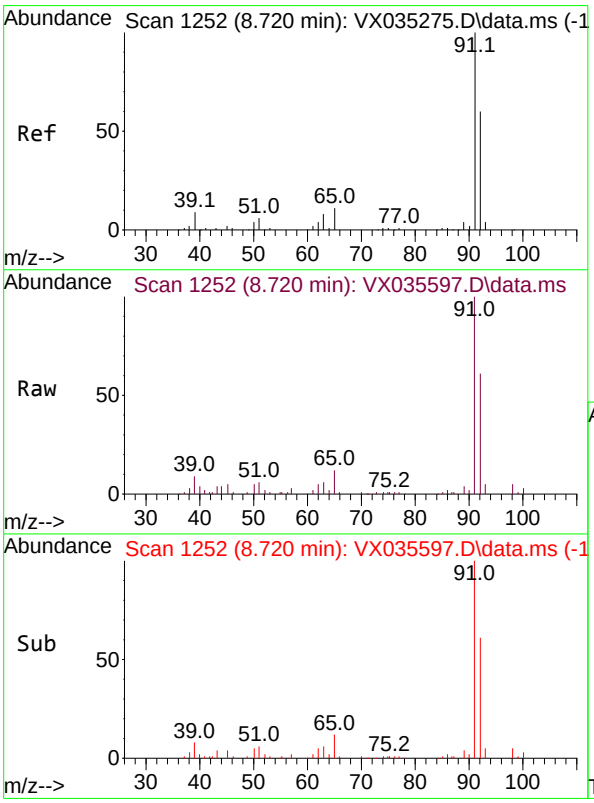
#50
Toluene-d8
Concen: 49.583 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX035597.D
Acq: 10 May 2023 19:29

Instrument :
MSVOA_X
ClientSampleId :
RO-290535

Tgt Ion: 98 Resp: 584500

Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.5	78.7

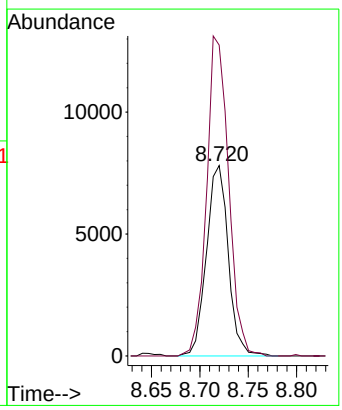


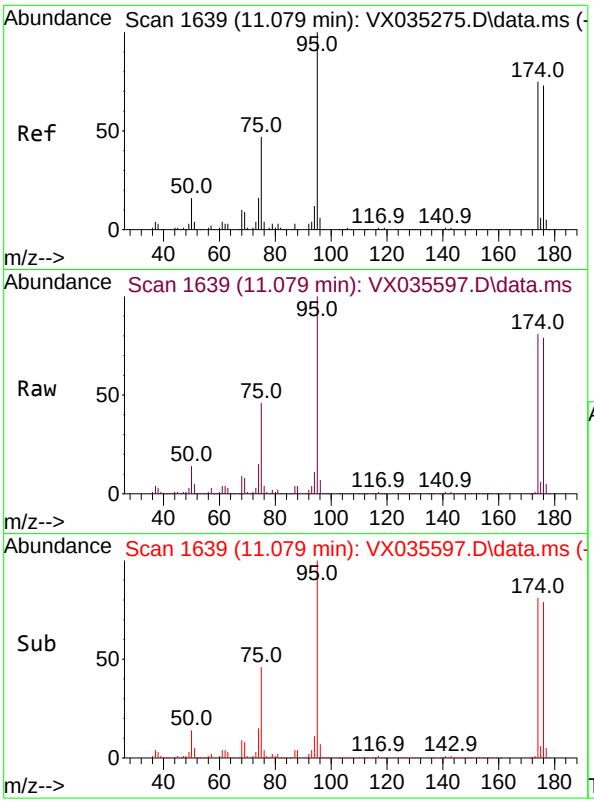


#52
Toluene
Concen: 1.384 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035597.D
Acq: 10 May 2023 19:29

Tgt Ion: 92 Resp: 12279

Ion	Ratio	Lower	Upper
92	100		
91	169.2	136.8	205.2



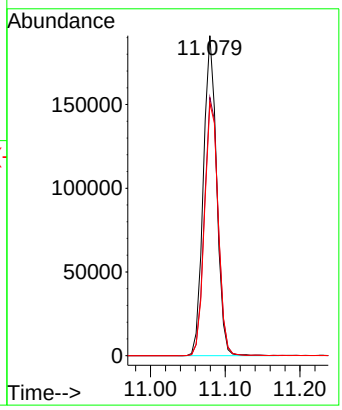


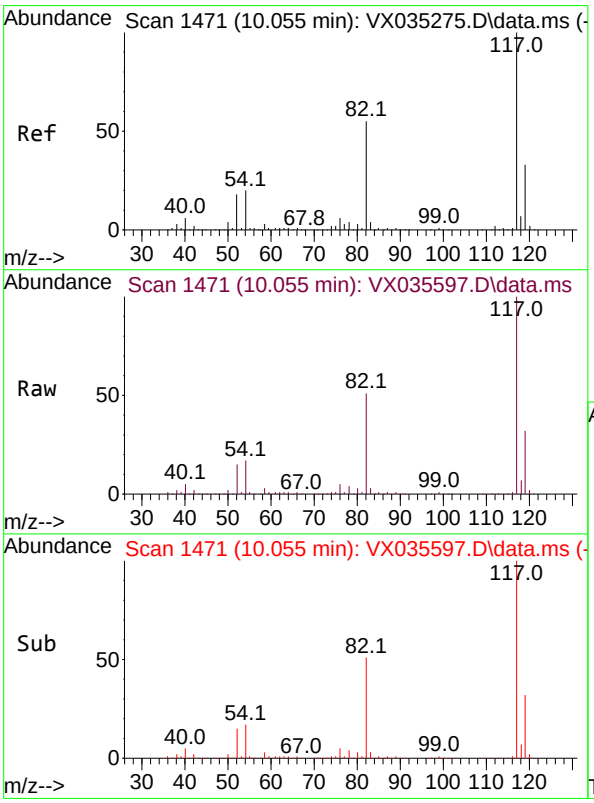
#62
4-Bromofluorobenzene
Concen: 53.159 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035597.D
Acq: 10 May 2023 19:29

Instrument :
MSVOA_X
ClientSampleId :
RO-290535

Tgt Ion: 95 Resp: 235733

Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	147.4
176	81.9	0.0	140.6

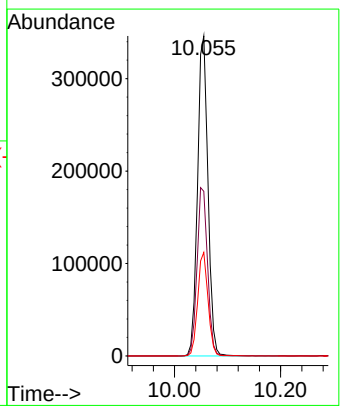


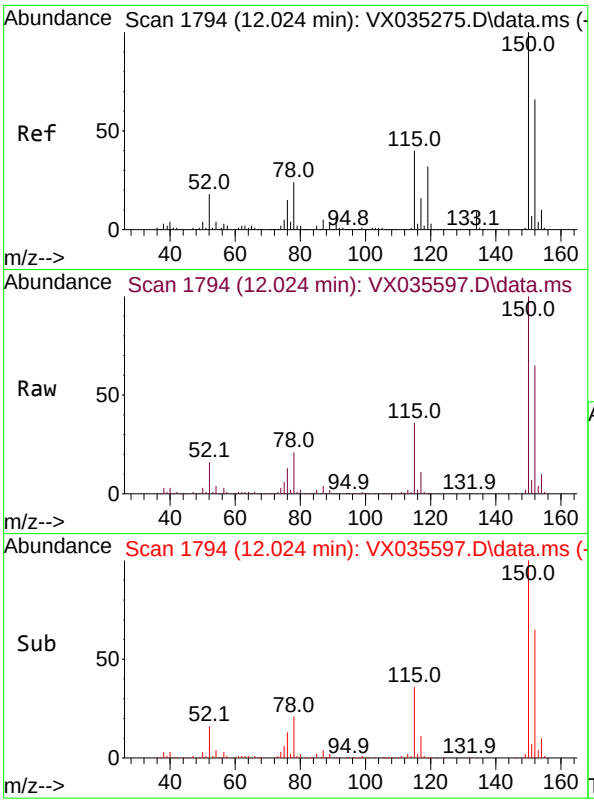


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035597.D
Acq: 10 May 2023 19:29

Tgt Ion:117 Resp: 473242

Ion	Ratio	Lower	Upper
117	100		
82	51.5	45.0	67.4
119	32.4	26.0	39.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035597.D
Acq: 10 May 2023 19:29

Instrument :
MSVOA_X
ClientSampleId :
RO-290535

Tgt Ion:152 Resp: 248154

Ion	Ratio	Lower	Upper
152	100		
115	58.0	45.0	135.0
150	154.8	0.0	352.4