Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122118\
Data File : VX006734.D
Acq On : 21 Dec 2018 19:57
Operator : JC/MD
Sample : J6519-12DL 25X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-122018-02DL

Quant Time: Dec 22 04:07:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	627031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	972505	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	866463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	396981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	335986	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.44%			
35) Dibromofluoromethane	5.51	113	291018	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.64%			
50) Toluene-d8	8.71	98	1146485	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.90%			
62) 4-Bromofluorobenzene	11.14	95	396597	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.42%			
Target Compounds						Qvalue
5) Bromomethane	1.62	94	226	Below Cal	#	33
11) Tert butyl alcohol	3.02	59	4616	3.061	ug/l #	72
13) Acrolein	2.31	56	214	0.210	ug/l #	57
16) Acetone	2.45	43	95543	30.773	ug/l	96
18) Methyl Acetate	2.79	43	4608	0.505	ug/l #	78
19) Methyl tert-butyl Ether	3.20	73	3971	0.214	ug/l #	82
20) Methylene Chloride	2.86	84	10931	1.703	ug/l	95
28) Bromochloromethane	5.01	49	180	Below Cal	#	80
31) Cyclohexane	5.59	56	1965	0.210	ug/l #	55
36) 1,1-Dichloropropene	5.66	75	40277	5.001	ug/l #	49
38) Carbon Tetrachloride	5.67	117	58605	7.487	ug/l #	14
49) 1,4-Dioxane	7.75	88	206	Below Cal	#	1
60) Dibromochloromethane	9.63	129	173	2.349	ug/l #	10
64) Tetrachloroethene	9.34	164	1651	0.241	ug/l #	77
71) Bromoform	10.72	173	85	4.475	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	184399	24.995	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	184399	73.859	ug/l #	10
90) Hexachloroethane	12.67	117	2688	3.958	ug/l #	6

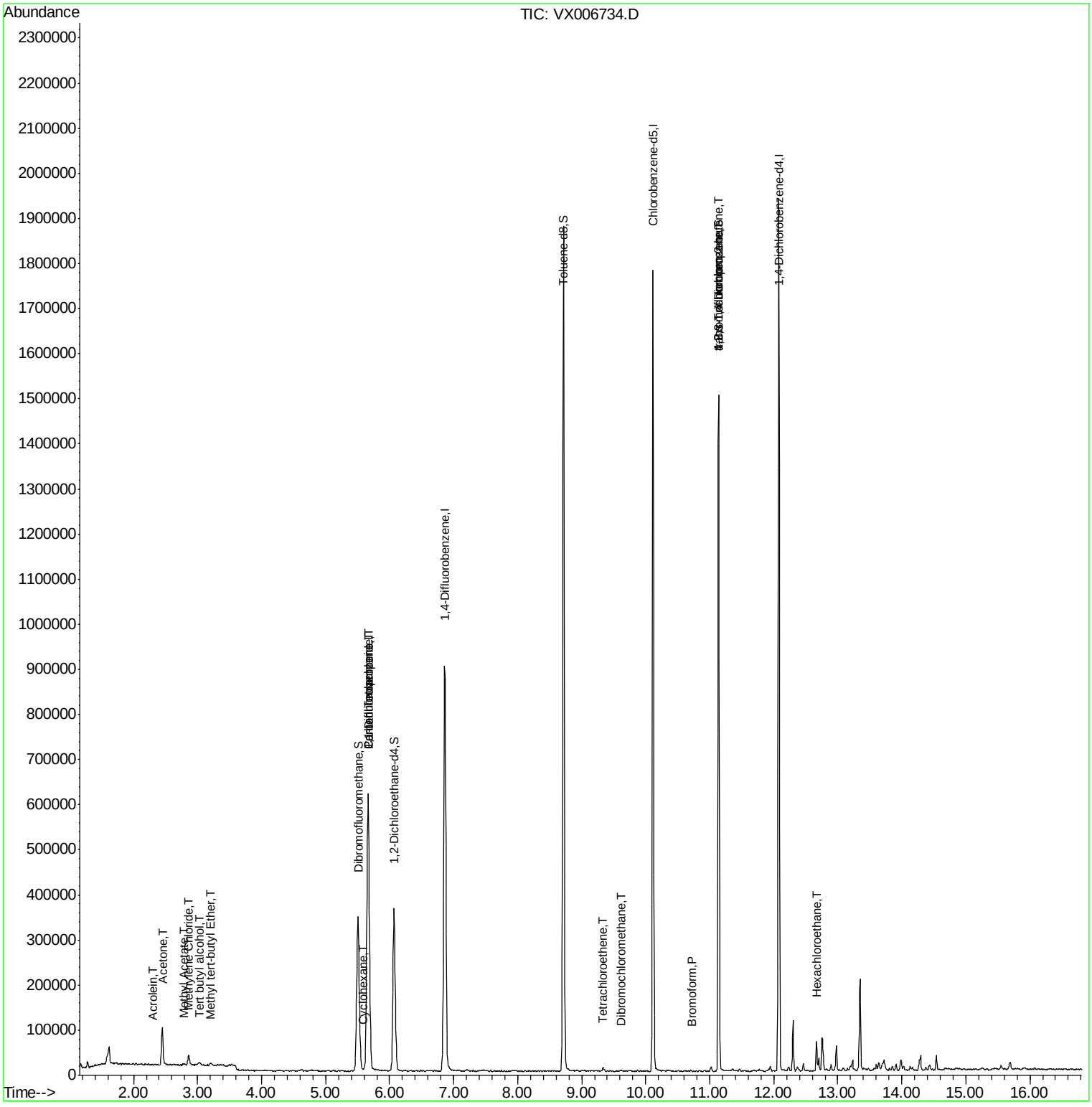
(#) = qualifier out of range (m) = manual integration (+) = signals summed

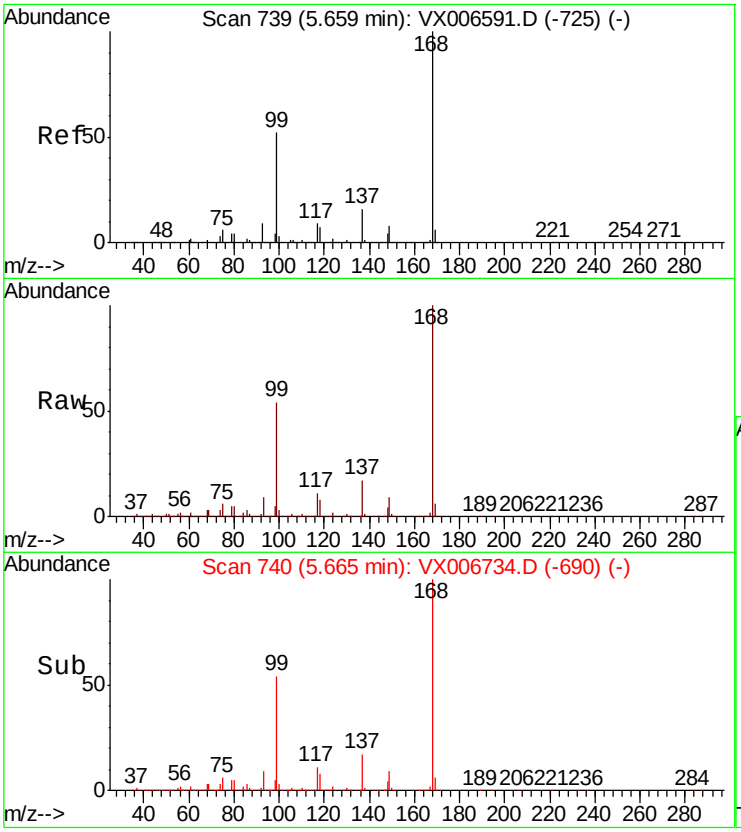
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122118\
Data File : VX006734.D
Acq On : 21 Dec 2018 19:57
Operator : JC/MD
Sample : J6519-12DL 25X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-122018-02DL

Quant Time: Dec 22 04:07:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration



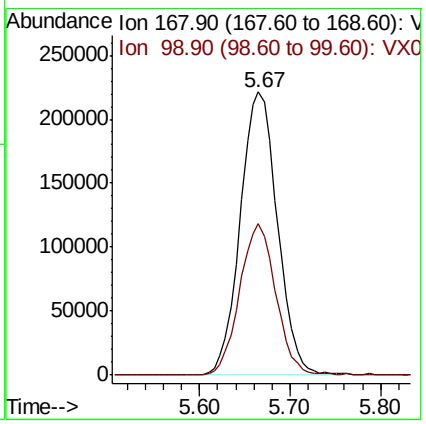


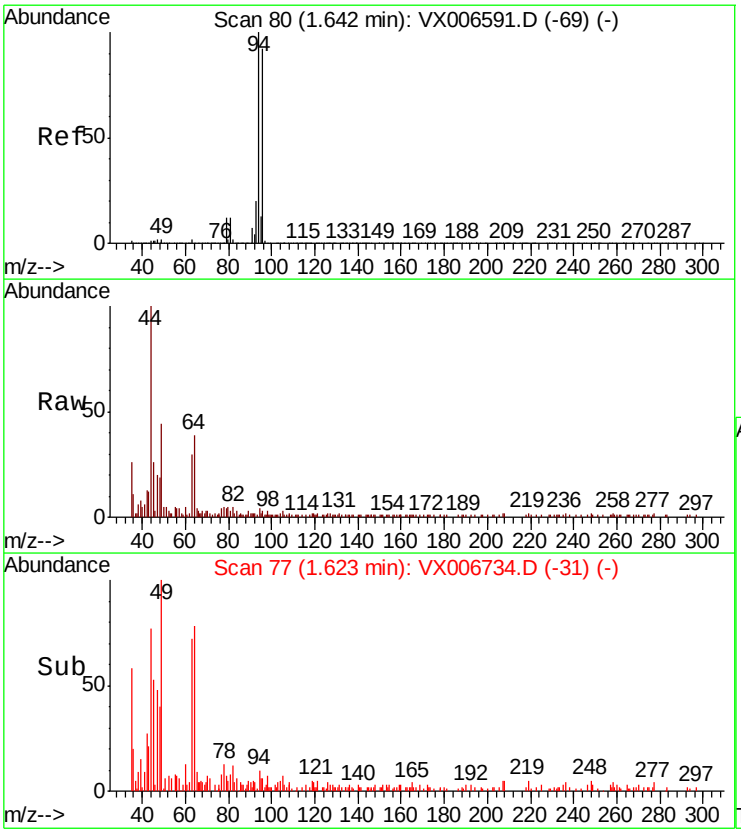
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
DUP-122018-02DL

Tgt Ion:168 Resp: 627031

Ion	Ratio	Lower	Upper
168	100		
99	53.5	41.8	62.8

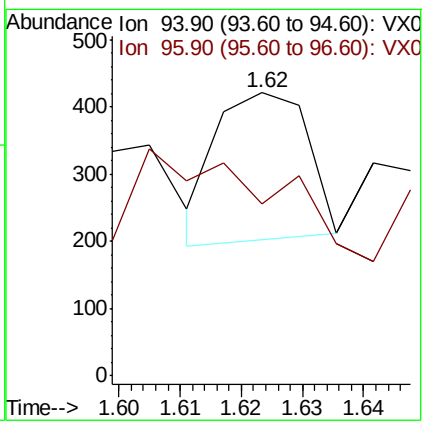


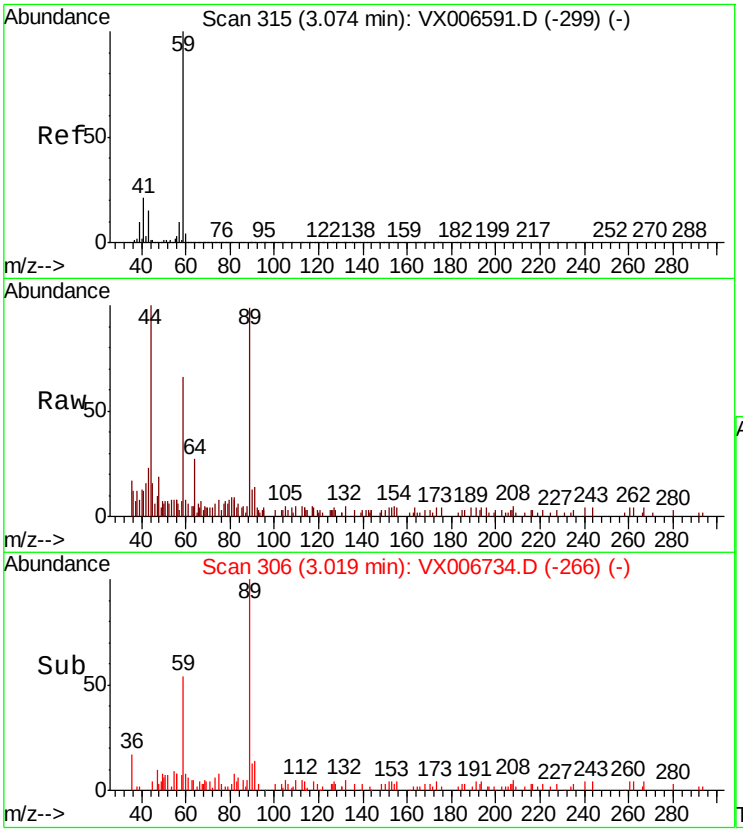


#5
Bromomethane
Concen: Below Cal
RT: 1.62 min Scan# 77
Delta R.T. -0.02 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Tgt Ion: 94 Resp: 226

Ion	Ratio	Lower	Upper
94	100		
96	27.8	73.4	110.2#



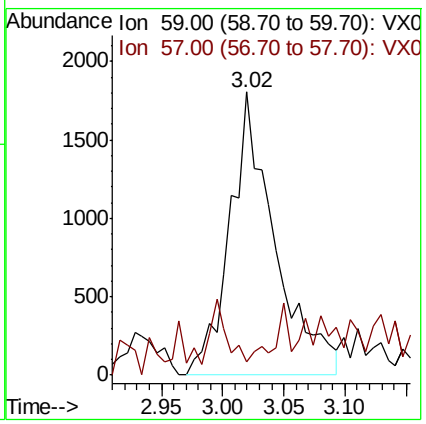


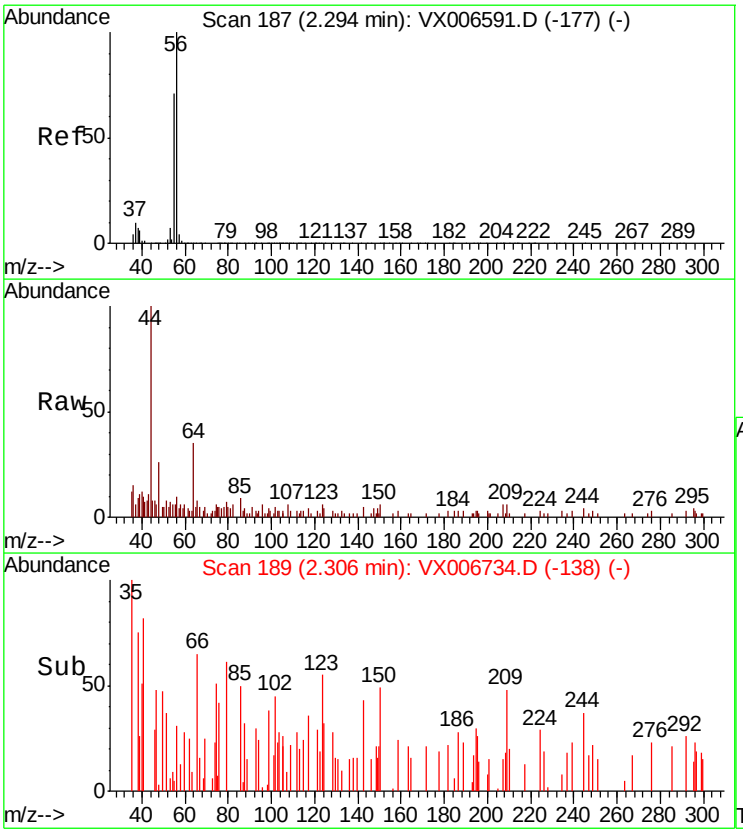
#11
Tert butyl alcohol
Concen: 3.061 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Instrument : MSVOA_X
ClientSampleId : DUP-122018-02DL

Tgt Ion: 59 Resp: 4616

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

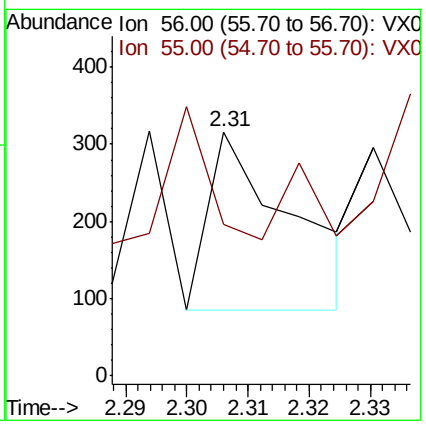


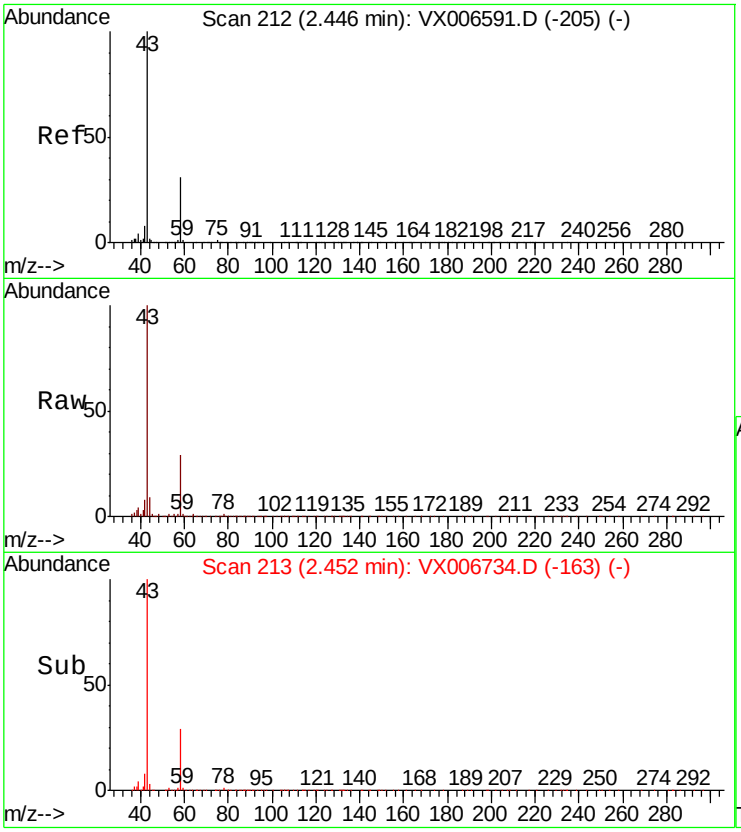


#13
Acrolein
Concen: 0.210 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Tgt Ion: 56 Resp: 214

Ion	Ratio	Lower	Upper
56	100		
55	36.9	58.2	87.4#



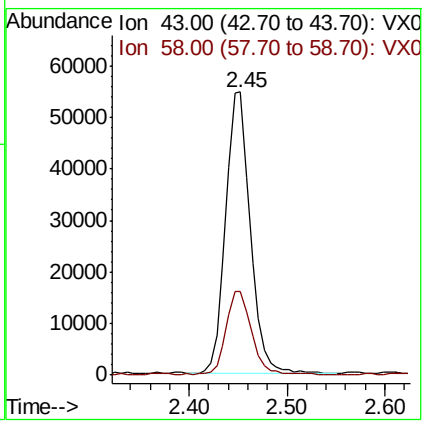


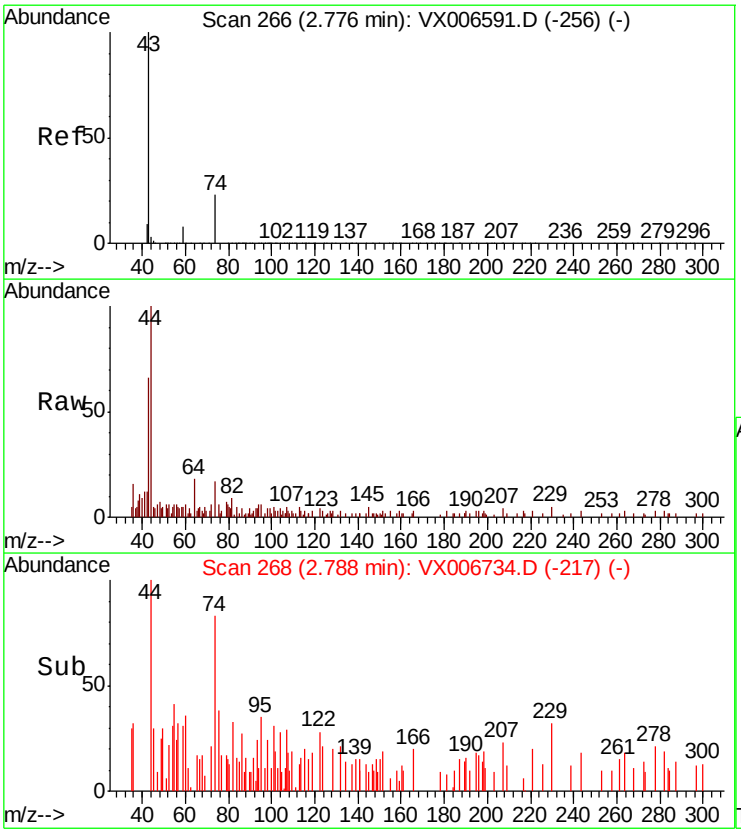
#16
Acetone
Concen: 30.773 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
DUP-122018-02DL

Tgt Ion: 43 Resp: 95543

Ion	Ratio	Lower	Upper
43	100		
58	29.3	25.0	37.6

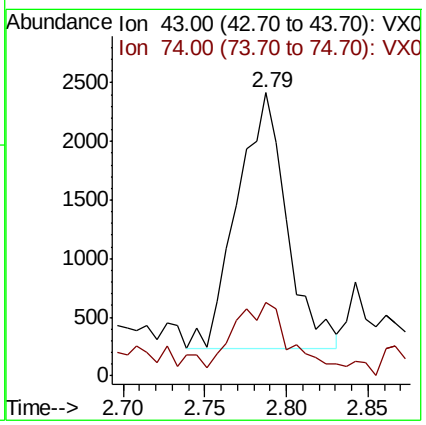


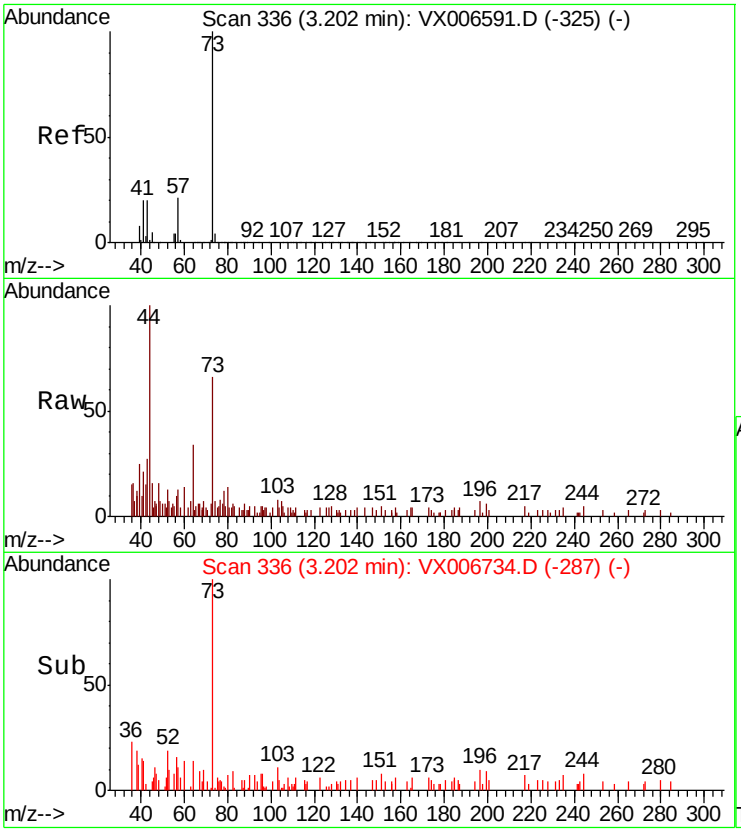


#18
Methyl Acetate
Concen: 0.505 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Tgt Ion: 43 Resp: 4608

Ion	Ratio	Lower	Upper
43	100		
74	34.3	18.6	28.0#



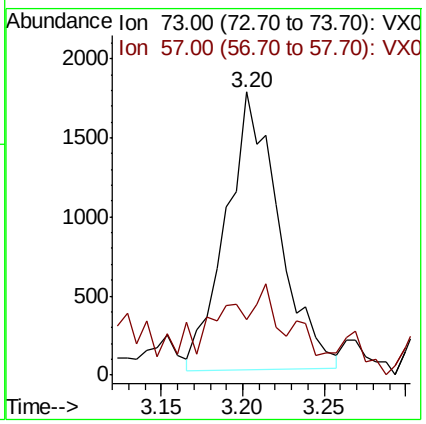


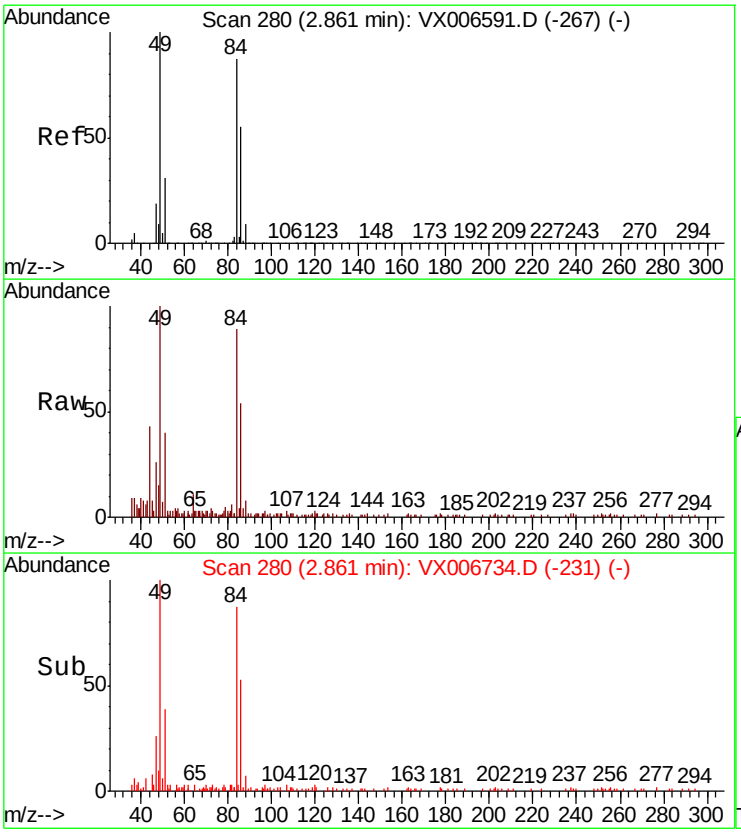
#19
Methyl tert-butyl Ether
Concen: 0.214 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Instrument : MSVOA_X
ClientSampleId : DUP-122018-02DL

Tgt Ion: 73 Resp: 3971

Ion	Ratio	Lower	Upper
73	100		
57	12.5	16.8	25.2#

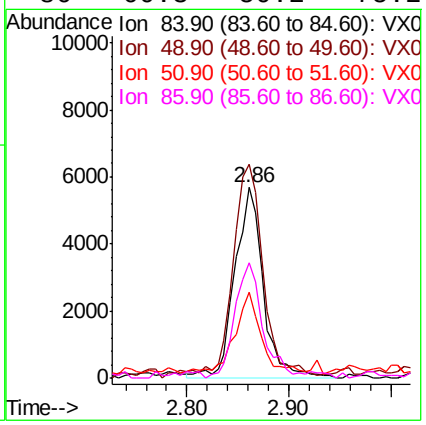


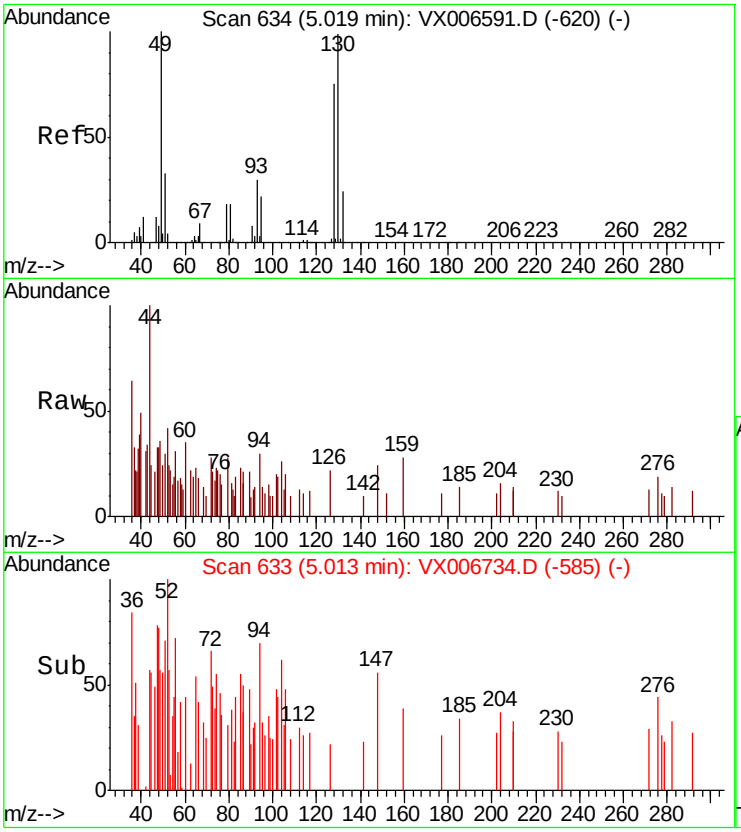


#20
Methylene Chloride
Concen: 1.703 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Tgt Ion: 84 Resp: 10931

Ion	Ratio	Lower	Upper
84	100		
49	109.8	91.8	137.6
51	40.7	28.5	42.7
86	60.3	50.2	75.2



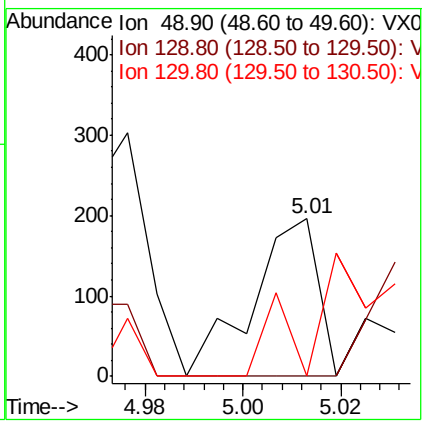


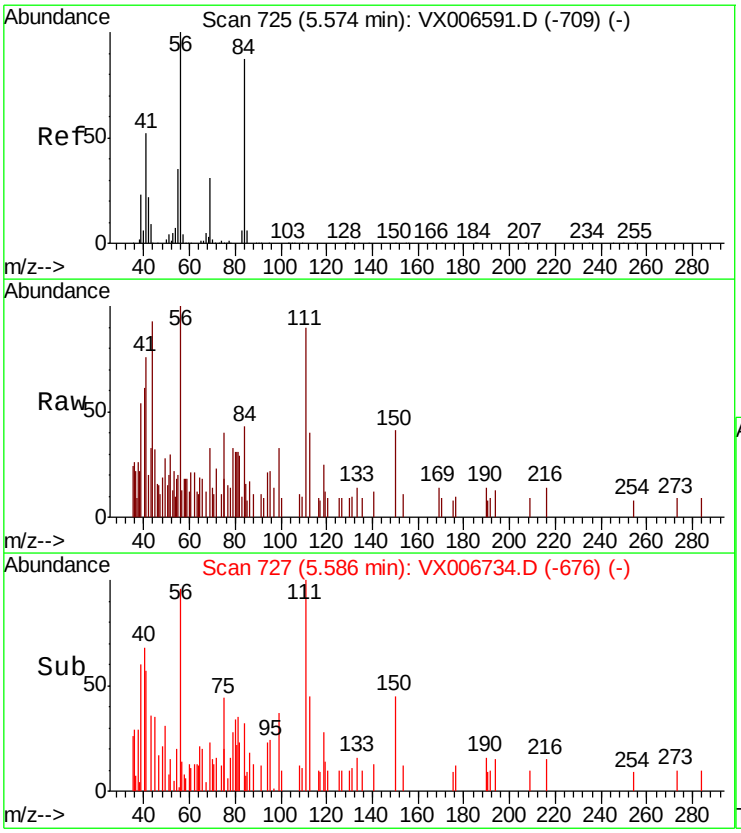
#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
DUP-122018-02DL

Tgt Ion: 49 Resp: 180

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	116.7	77.7	116.5#

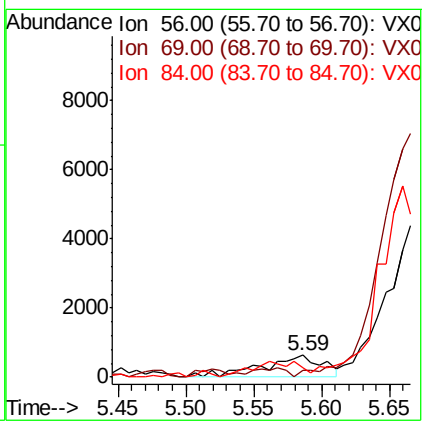


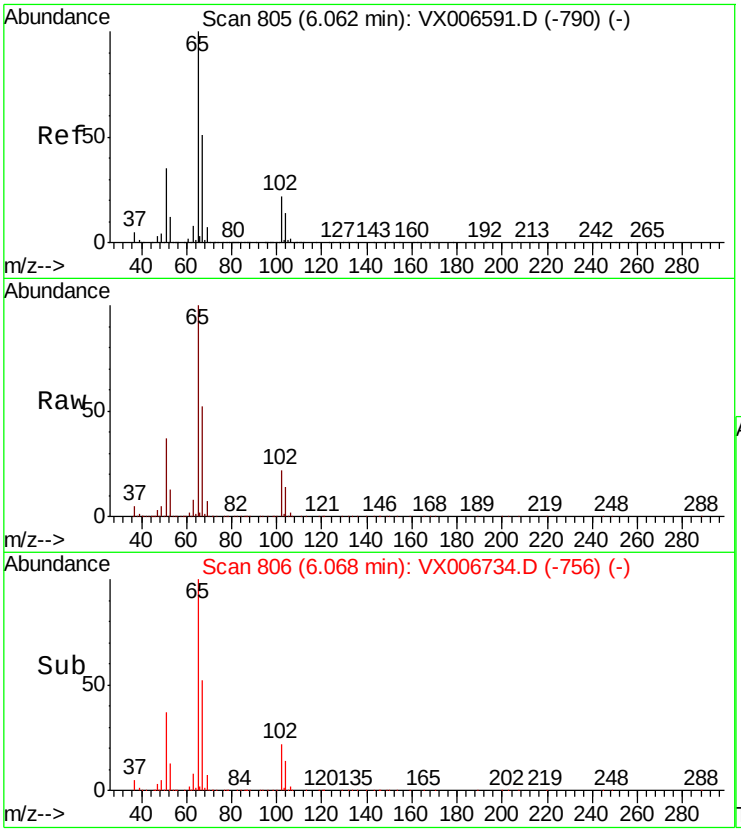


#31
Cyclohexane
Concen: 0.210 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Tgt Ion: 56 Resp: 1965

Ion	Ratio	Lower	Upper
56	100		
69	33.4	24.4	36.6
84	32.7	70.0	105.0#



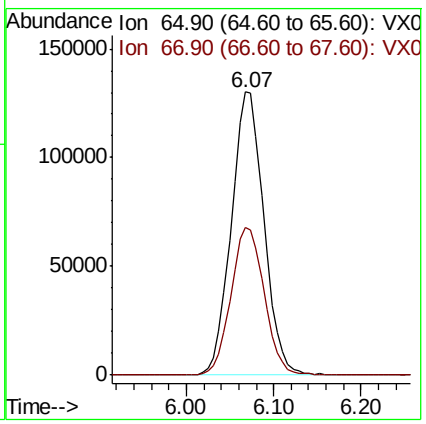


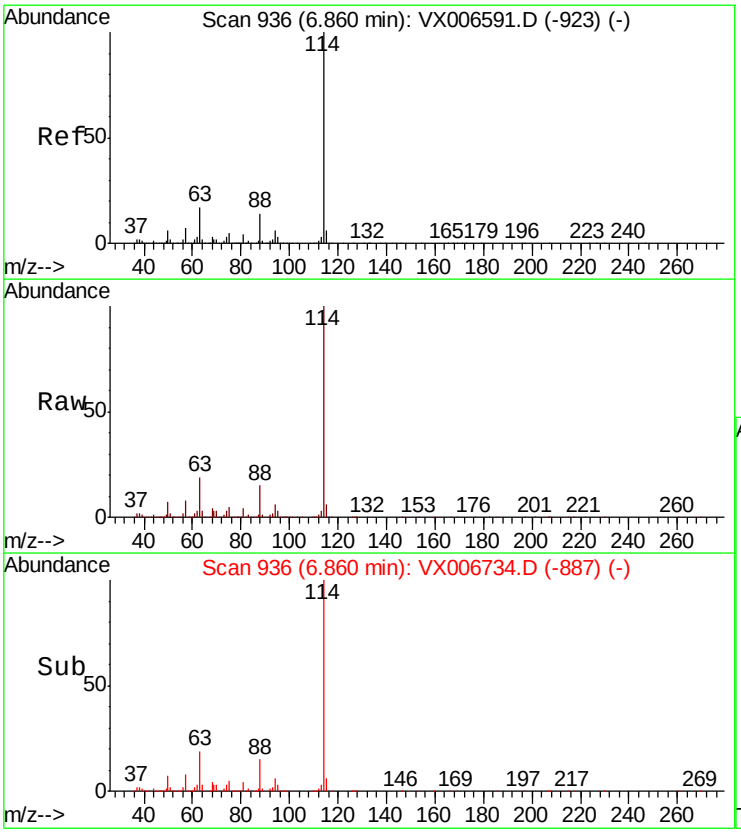
#33
1,2-Dichloroethane-d4
Concen: 49.718 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Instrument : MSVOA_X
ClientSampleId : DUP-122018-02DL

Tgt Ion: 65 Resp: 335986

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.0

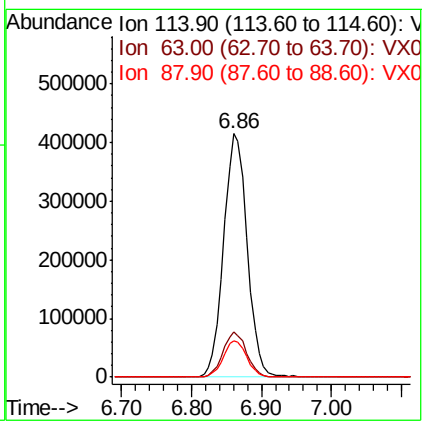


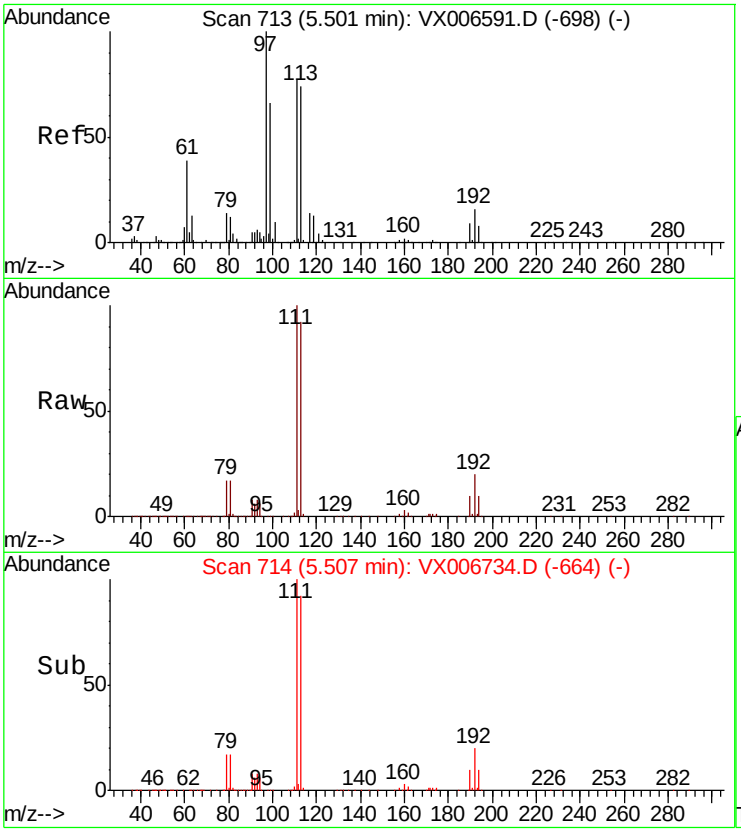


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Tgt Ion:114 Resp: 972505

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.8
88	14.9	0.0	28.8



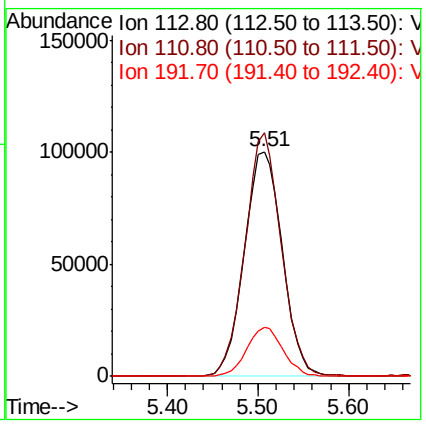


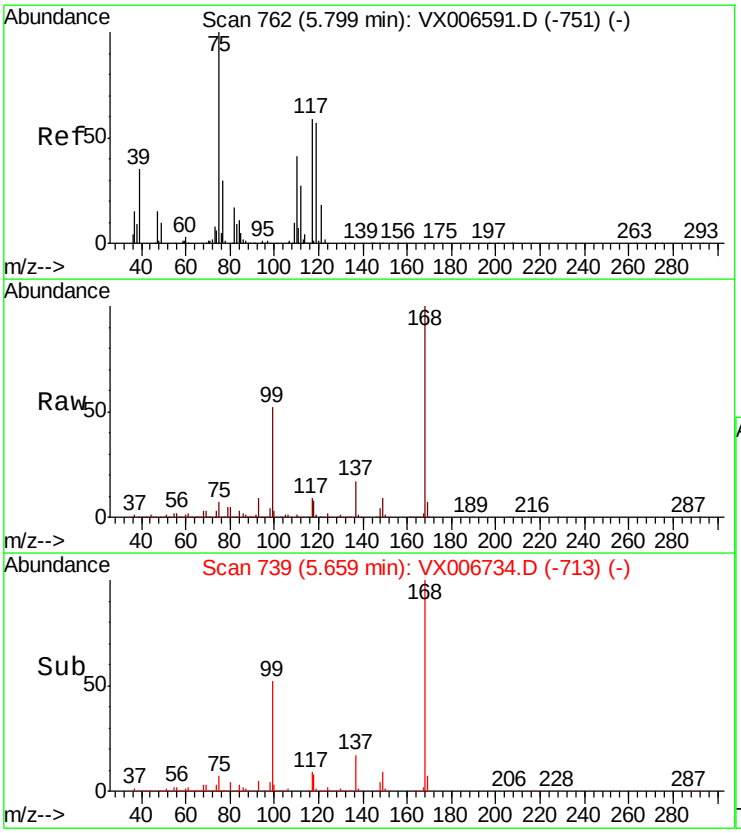
#35
Dibromofluoromethane
Concen: 47.320 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
DUP-122018-02DL

Tgt Ion:113 Resp: 291018

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.6	122.4
192	21.0	16.7	25.1

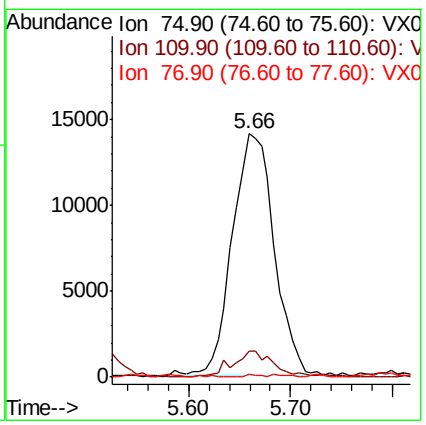


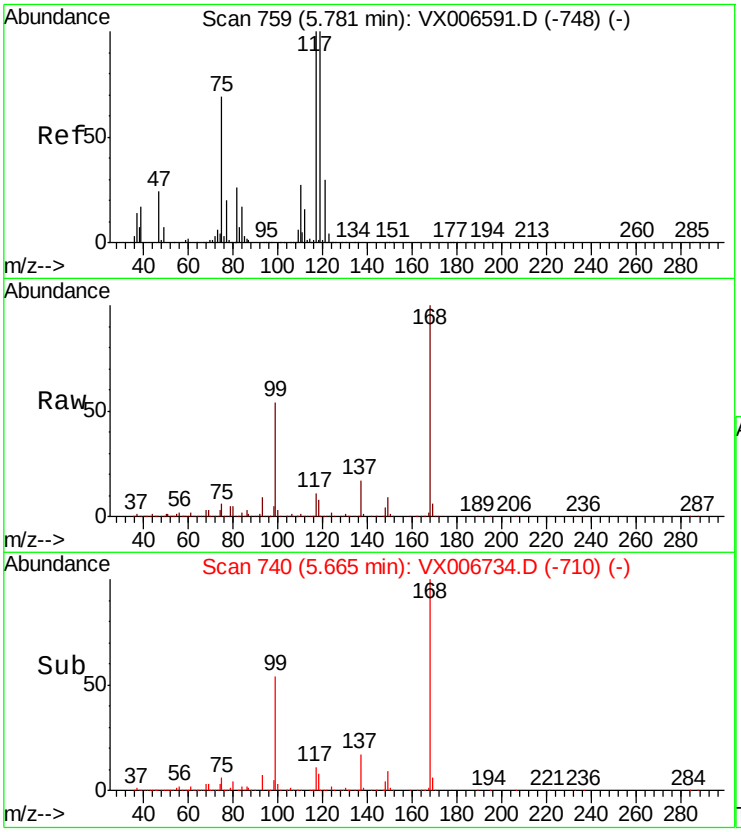


#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Tgt Ion: 75 Resp: 40277

Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.2	60.5#
77	0.4	24.8	37.2#



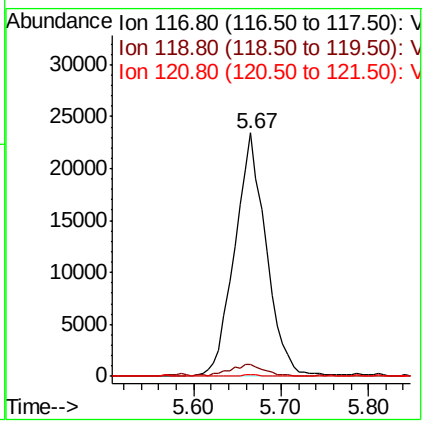


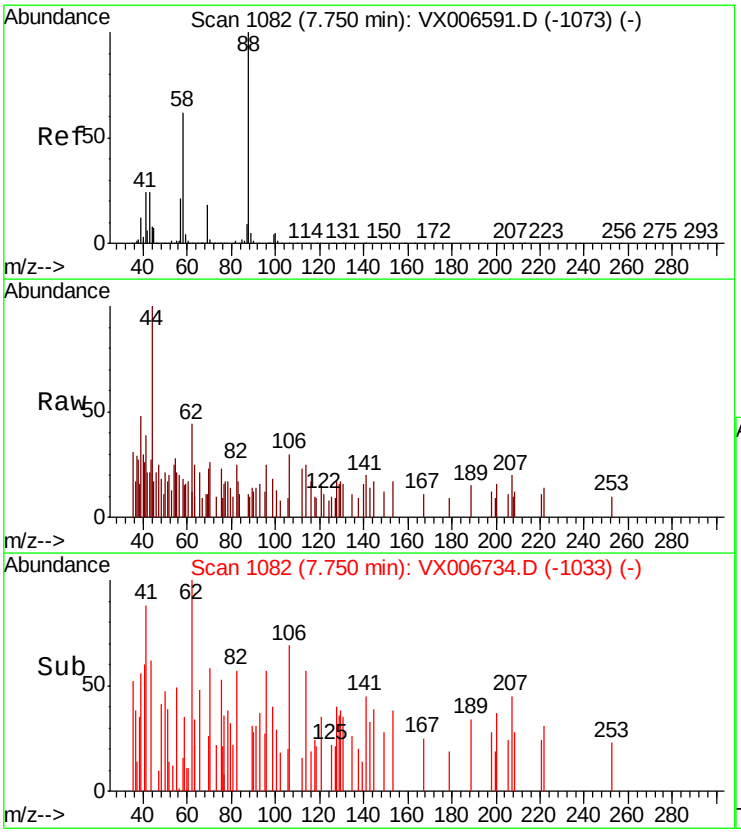
#38
Carbon Tetrachloride
Concen: 7.487 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Instrument : MSVOA_X
ClientSampleId : DUP-122018-02DL

Tgt Ion:117 Resp: 58605

Ion	Ratio	Lower	Upper
117	100		
119	4.7	79.4	119.2#
121	0.5	24.0	36.0#

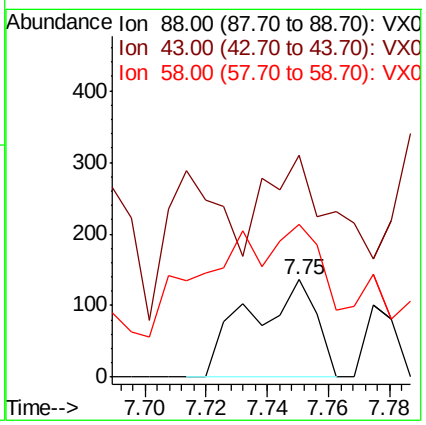


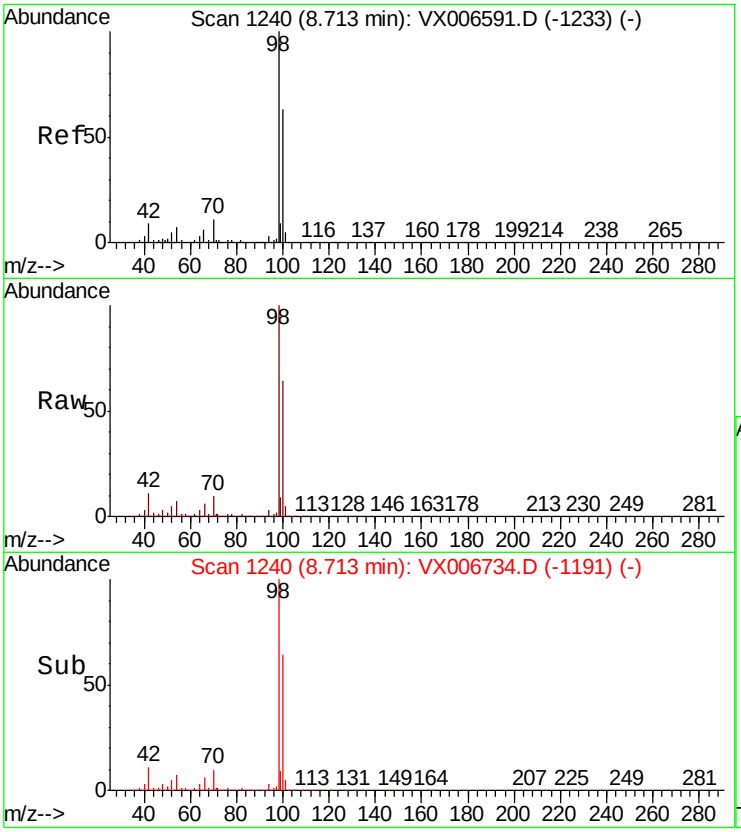


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Tgt Ion: 88 Resp: 206

Ion	Ratio	Lower	Upper
88	100		
43	151.5	22.2	33.4#
58	304.4	51.0	76.4#



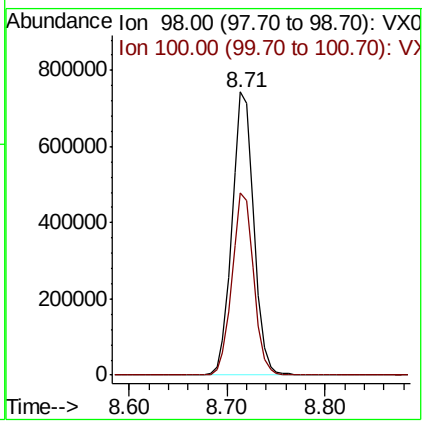


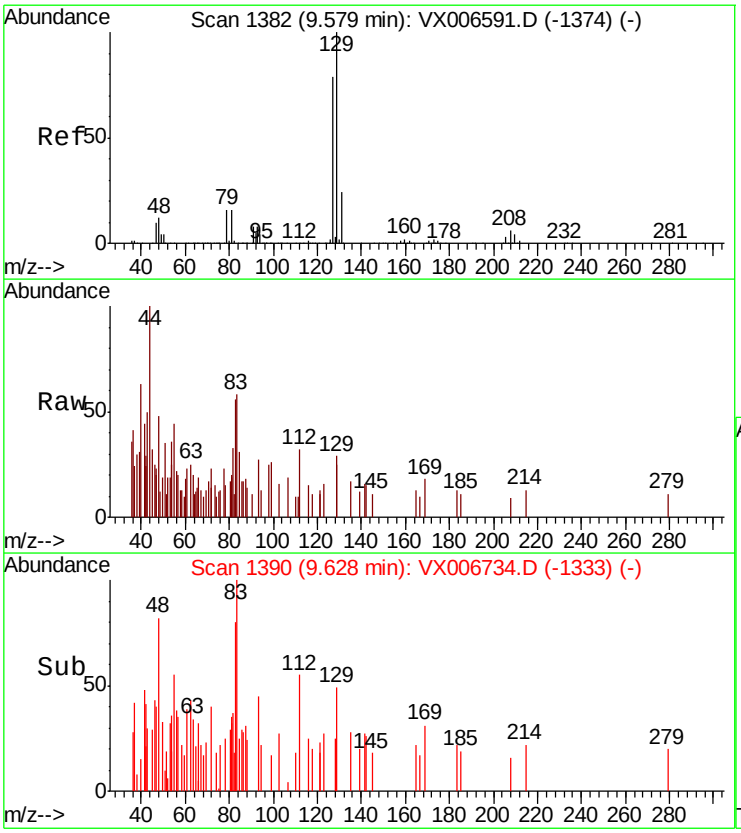
#50
Toluene-d8
Concen: 49.448 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Instrument : MSVOA_X
ClientSampleId : DUP-122018-02DL

Tgt Ion: 98 Resp: 1146485

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0

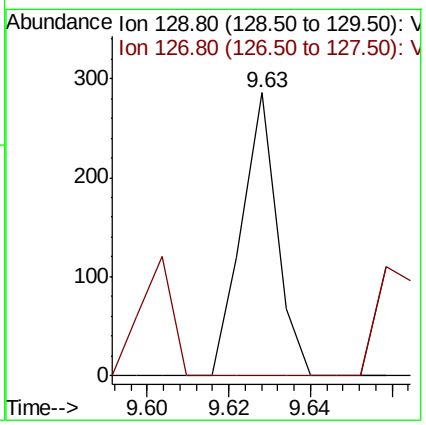


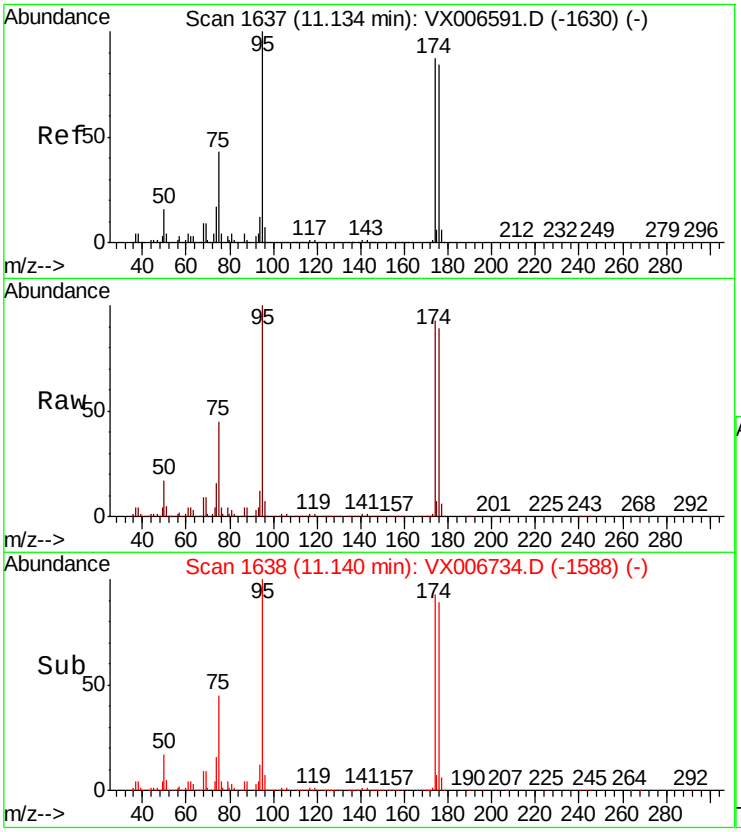


#60
Dibromochloromethane
Concen: 2.349 ug/l
RT: 9.63 min Scan# 1390
Delta R.T. 0.05 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Tgt Ion:129 Resp: 173

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.3	117.8#



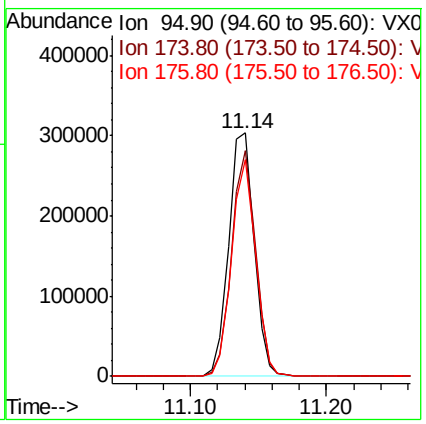


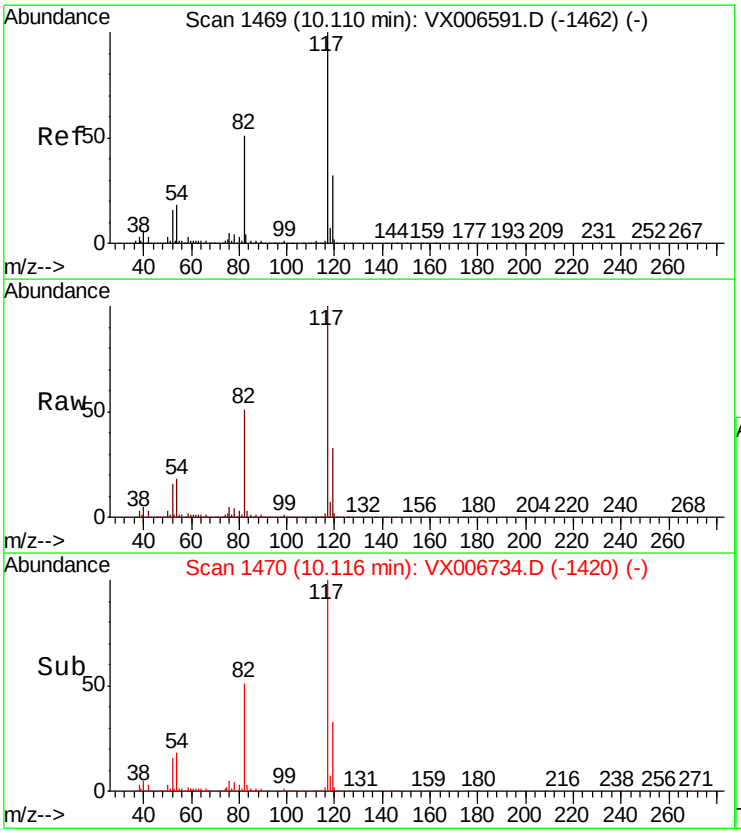
#62
4-Bromofluorobenzene
Concen: 46.705 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
DUP-122018-02DL

Tgt Ion: 95 Resp: 396597

Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	182.2
176	84.5	0.0	178.8

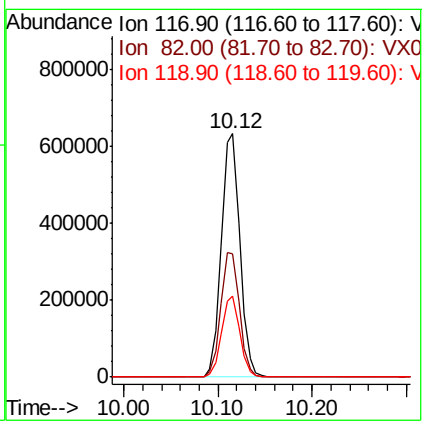


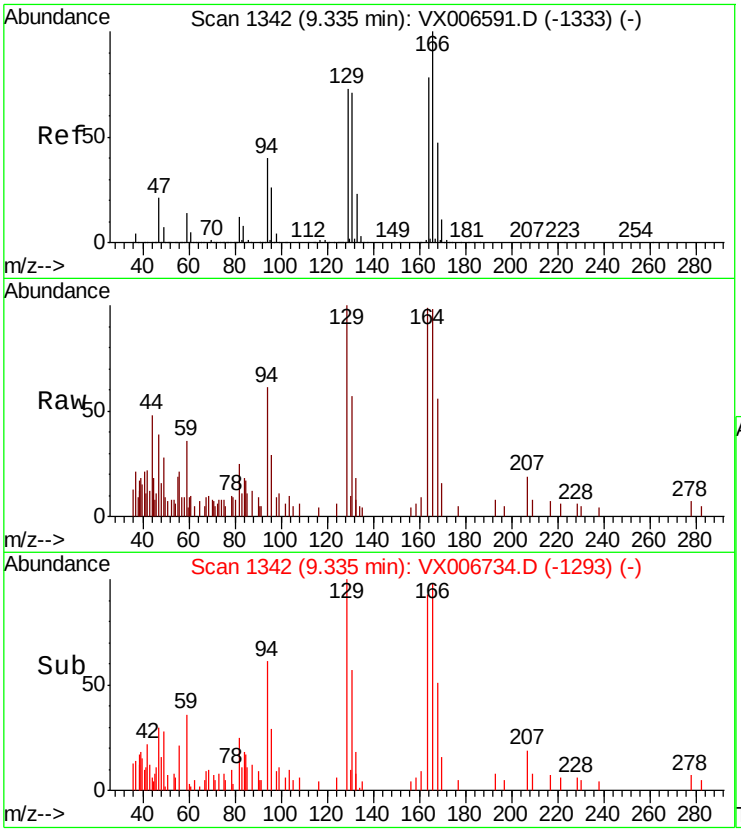


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Tgt Ion:117 Resp: 866463

Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.0	61.6
119	33.3	25.4	38.0



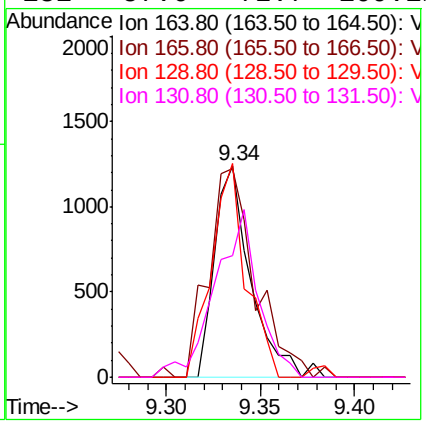


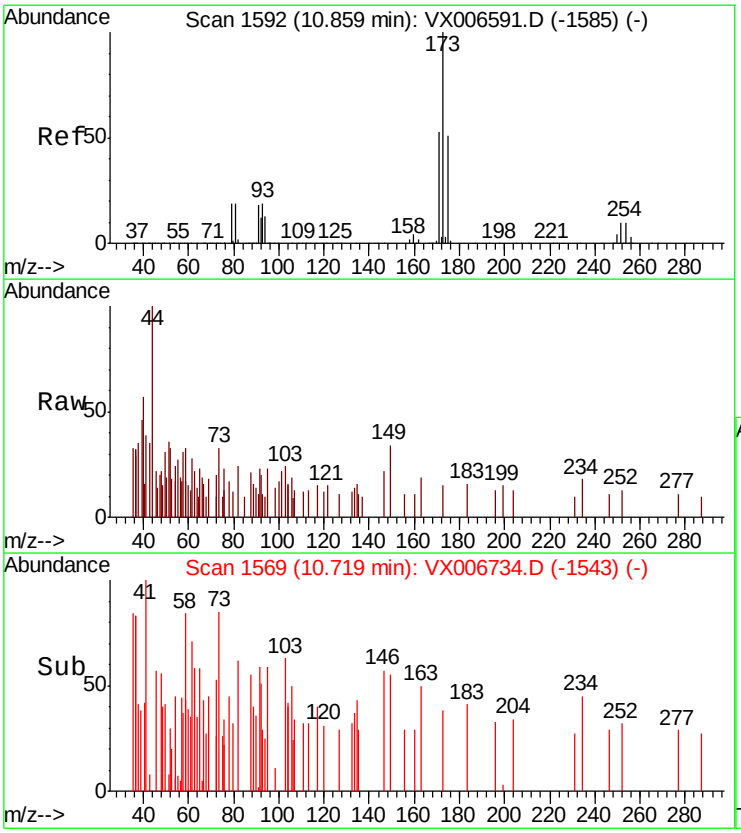
#64
Tetrachloroethene
Concen: 0.241 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
DUP-122018-02DL

Tgt Ion:164 Resp: 1651

Ion	Ratio	Lower	Upper
164	100		
166	98.5	102.5	153.7#
129	100.9	75.1	112.7
131	57.6	72.7	109.1#

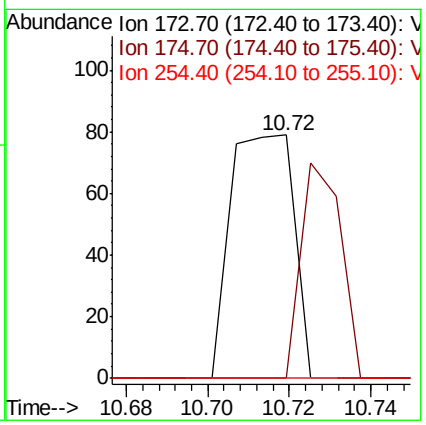


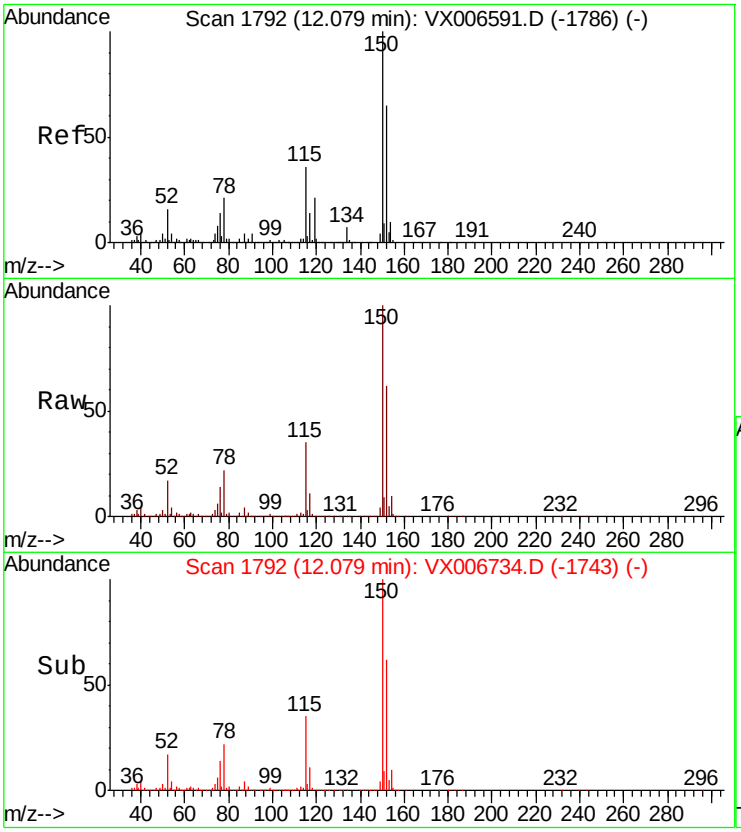


#71
Bromoform
Concen: 4.475 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. -0.14 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Tgt Ion:173 Resp: 85

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.7	74.1#
254	0.0	0.2	0.2#



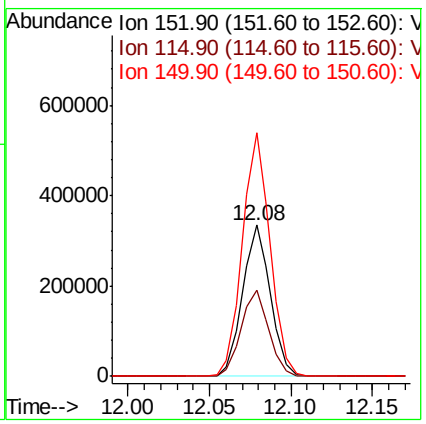


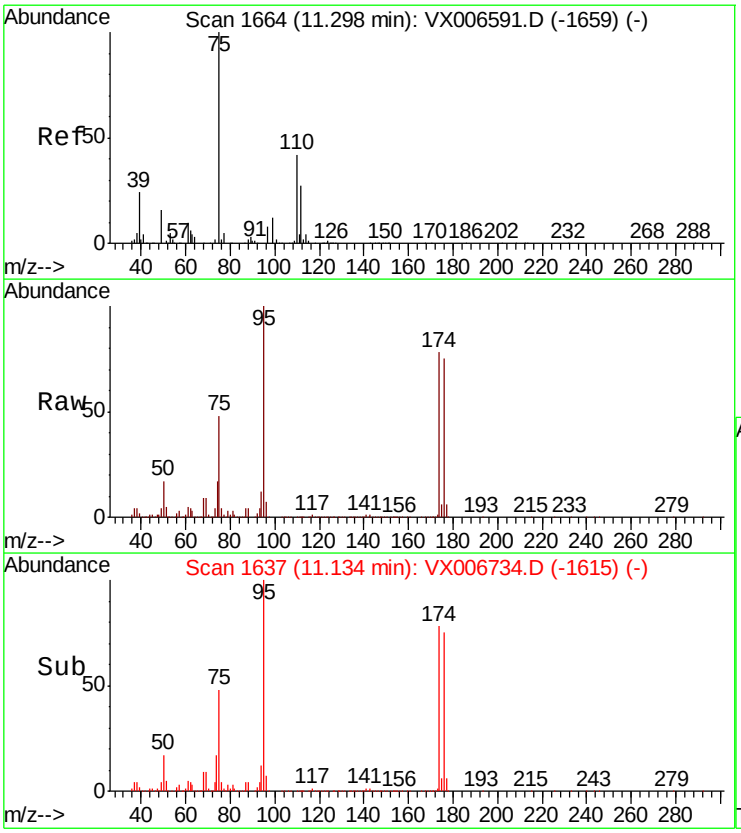
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Instrument : MSVOA_X
ClientSampleId : DUP-122018-02DL

Tgt Ion:152 Resp: 396981

Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.1	117.2
150	160.6	0.0	344.8

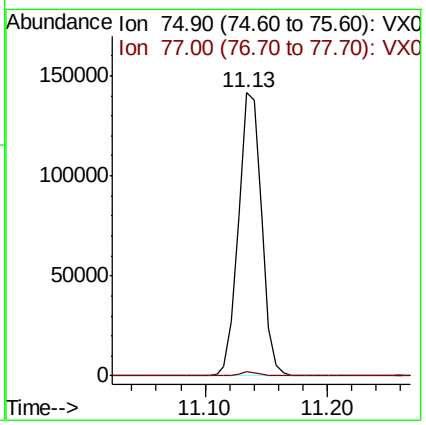


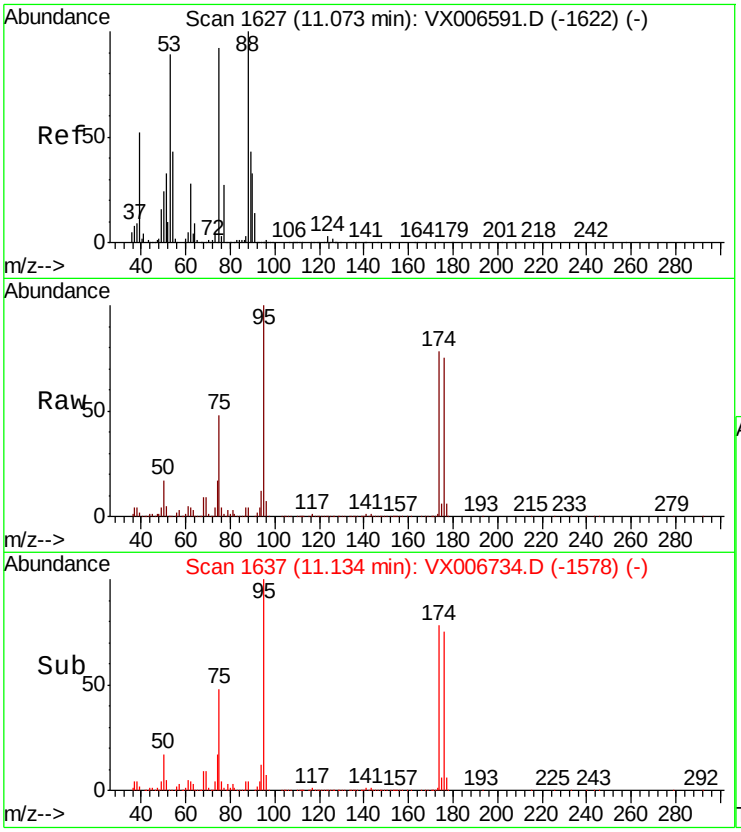


#76
1,2,3-Trichloropropane
Concen: 24.995 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Tgt Ion: 75 Resp: 184399

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.5	55.5#



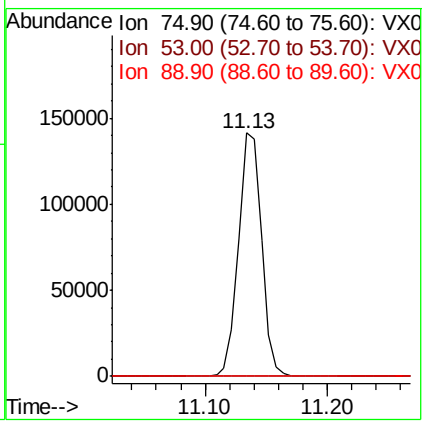


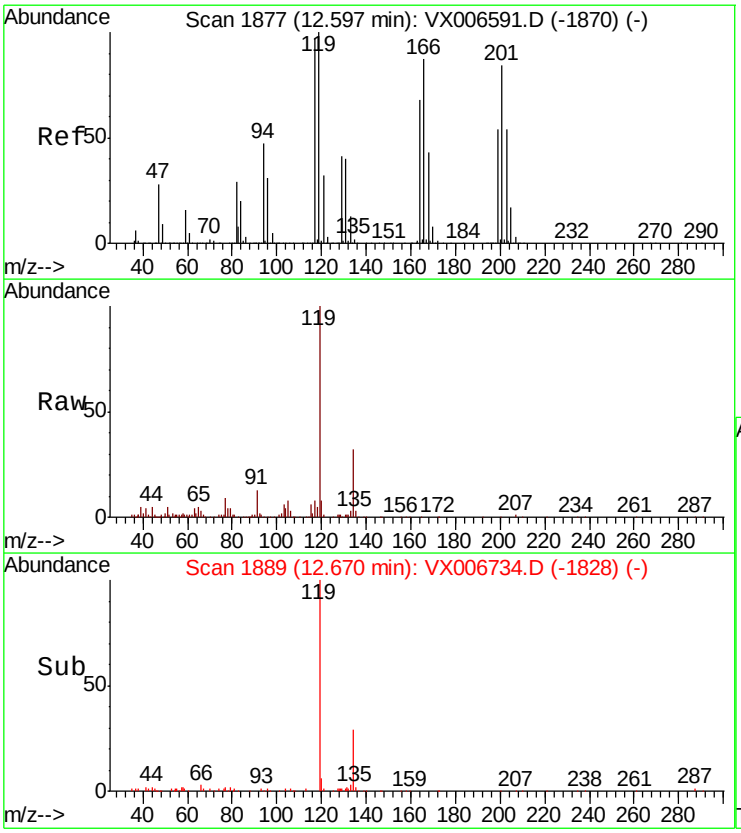
#81
trans-1,4-Dichloro-2-butene
Concen: 73.859 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
DUP-122018-02DL

Tgt Ion: 75 Resp: 184399

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.7	119.5#
89	0.0	38.0	57.0#





#90
Hexachloroethane
Concen: 3.958 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX006734.D
Acq: 21 Dec 2018 19:57

Tgt Ion:117 Resp: 2688

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.9	128.7#