Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062118\
Data File : VX002800.D
Acq On : 21 Jun 2018 20:29
Operator : JC/MD
Sample : J3603-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 22 01:13:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	218448	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	310217	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	286945	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163592	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	151845	45.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.48%				
35) Dibromofluoromethane	5.51	113	119350	48.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.42%				
50) Toluene-d8	8.72	98	440701	46.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.76%				
62) 4-Bromofluorobenzene	11.14	95	154584	43.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.80%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	753	0.44	ug/l	#	62
6) Chloroethane	1.71	64	526	0.28	ug/l	#	43
8) Diethyl Ether	2.18	74	483	0.27	ug/l		98
10) Methyl Iodide	2.53	142	688	5.36	ug/l	#	90
11) Tert butyl alcohol	3.07	59	277	0.40	ug/l	#	66
13) Acrolein	2.31	56	264	7.66	ug/l		91
16) Acetone	2.45	43	10368	7.08	ug/l		98
18) Methyl Acetate	2.78	43	19730	5.06	ug/l		97
20) Methylene Chloride	2.86	84	28040	9.34	ug/l		94
25) 2-Butanone	4.72	43	1793	0.93	ug/l		100
30) Chloroform	5.21	83	2664	0.58	ug/l	#	79
36) 1,1-Dichloropropene	5.67	75	15234	4.62	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	20308	6.19	ug/l	#	16
47) Bromodichloromethane	7.90	83	923	0.30	ug/l	#	85
51) 4-Methyl-2-Pentanone	8.66	43	908	0.23	ug/l		93
53) t-1,3-Dichloropropene	8.45	75	37	2.40	ug/l	#	1
54) cis-1,3-Dichloropropene	9.03	75	52	3.23	ug/l	#	35
60) Dibromochloromethane	9.59	129	382	3.88	ug/l		83
68) m/p-Xylenes	10.36	106	1570	0.34	ug/l		94
76) 1,2,3-Trichloropropane	11.14	75	82471	26.72	ug/l	#	32
78) n-propylbenzene	11.37	91	3179	0.25	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.14	75	82471	82.52	ug/l	#	7
85) sec-Butylbenzene	11.95	105	2843	0.26	ug/l	#	76
90) Hexachloroethane	12.67	117	1236	3.37	ug/l	#	1
95) Naphthalene	13.84	128	10327	0.94	ug/l	#	90

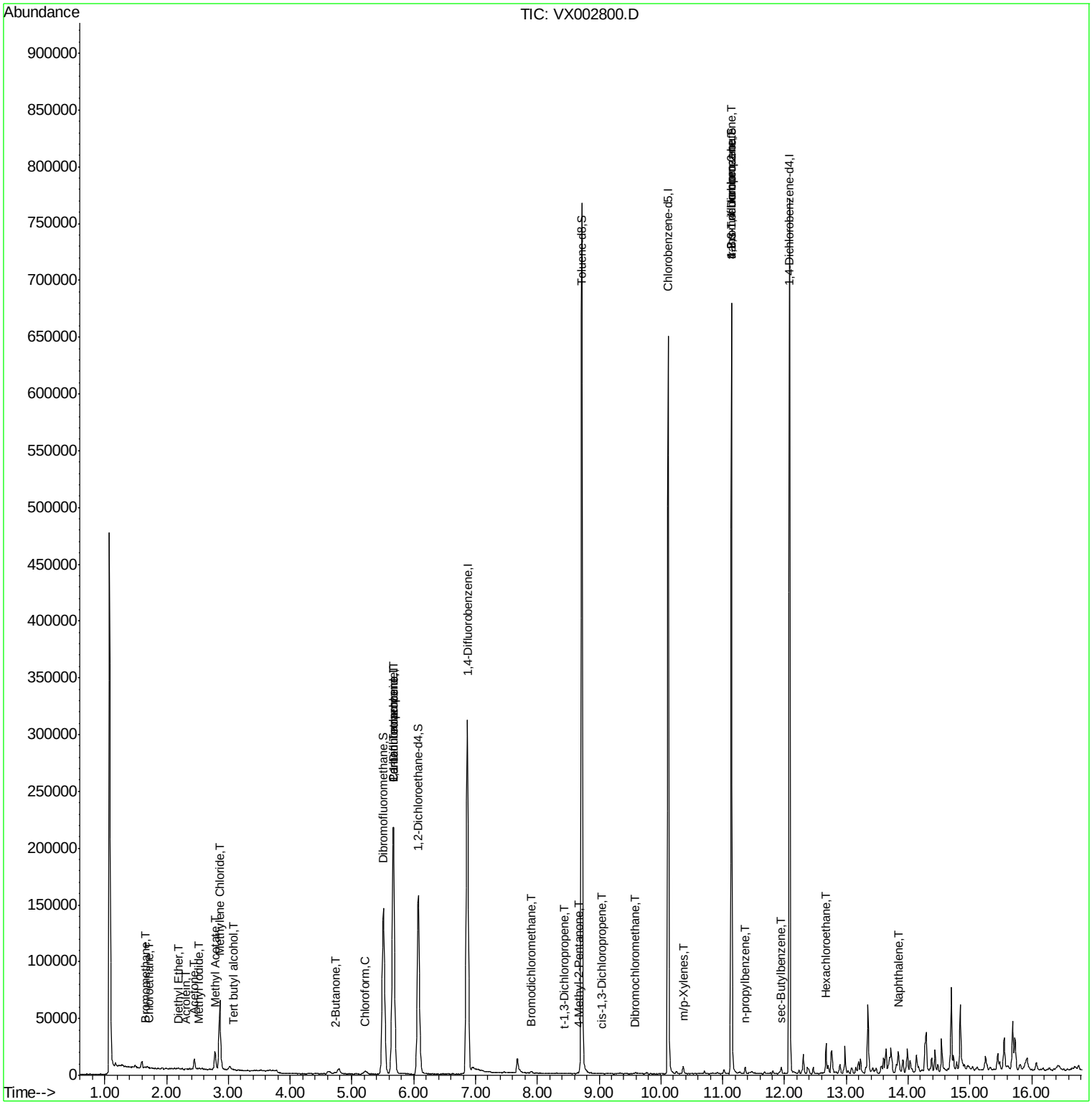
(#) = qualifier out of range (m) = manual integration (+) = signals summed

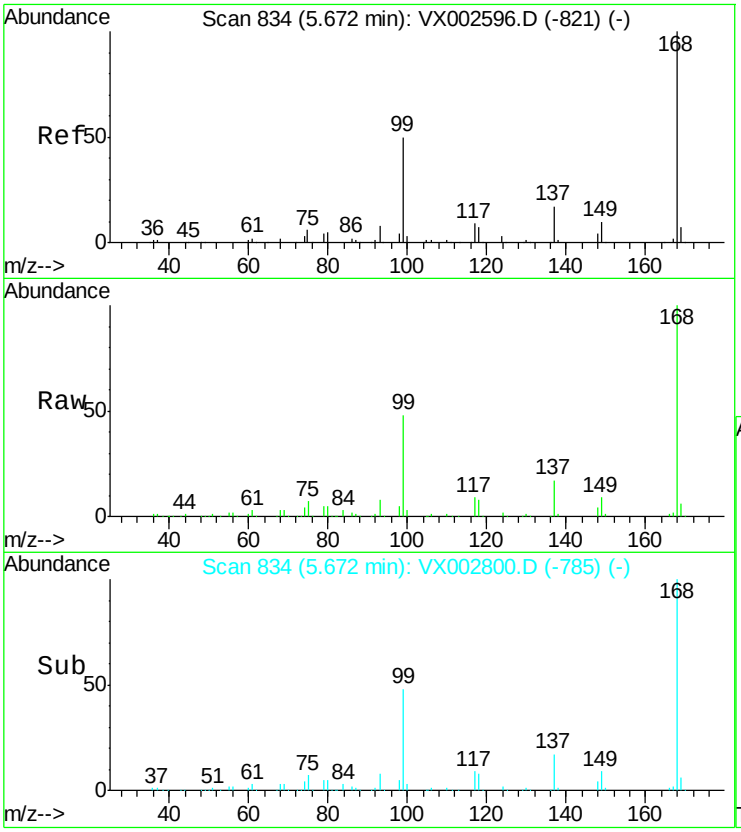
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
Data File : VX002800.D
Acq On : 21 Jun 2018 20:29
Operator : JC/MD
Sample : J3603-16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 22 01:13:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration



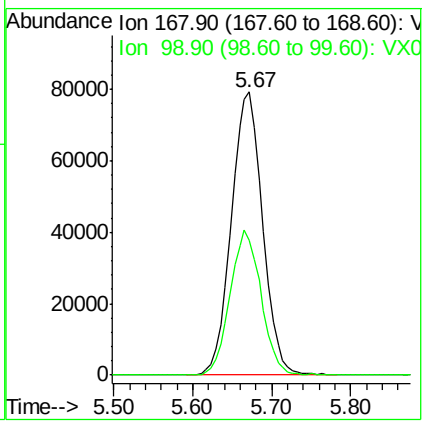


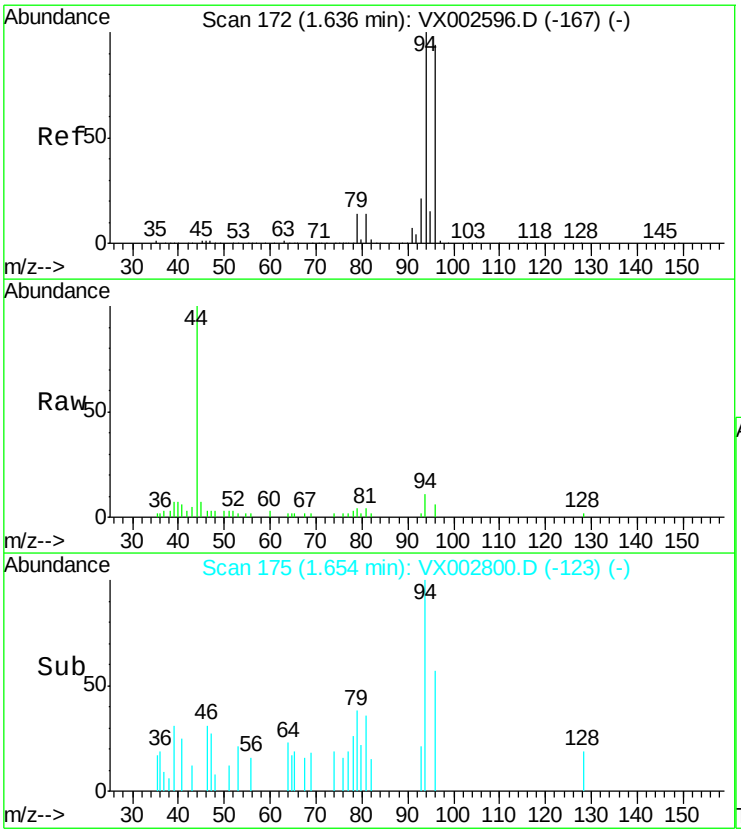
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 218448

Ion	Ratio	Lower	Upper
168	100		
99	47.7	39.3	58.9

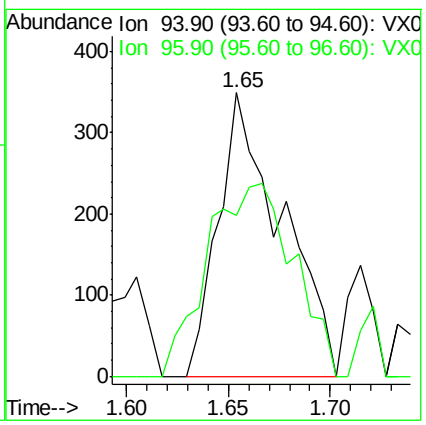


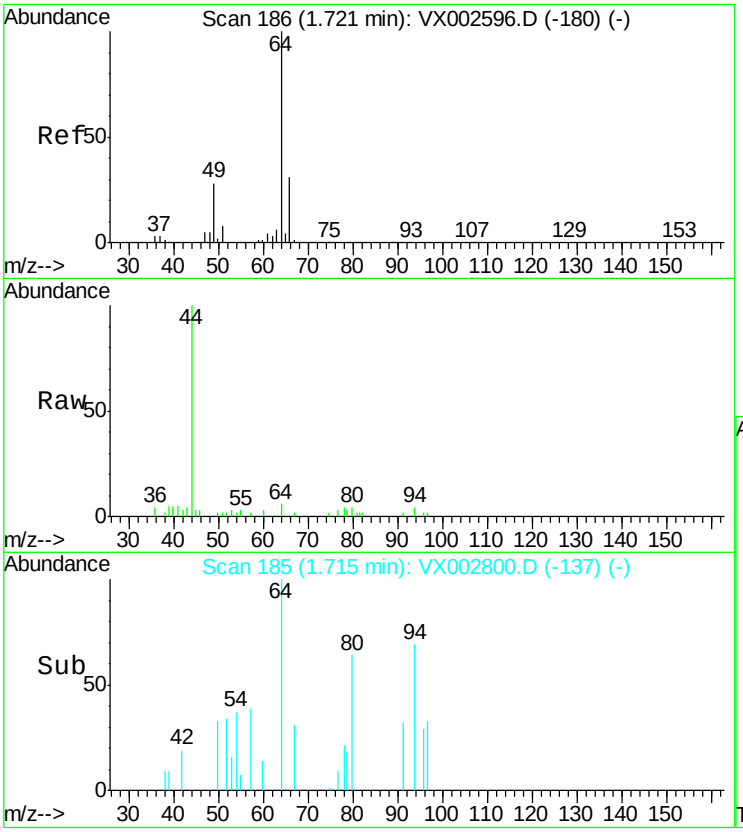


#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion: 94 Resp: 753

Ion	Ratio	Lower	Upper
94	100		
96	57.0	74.9	112.3#



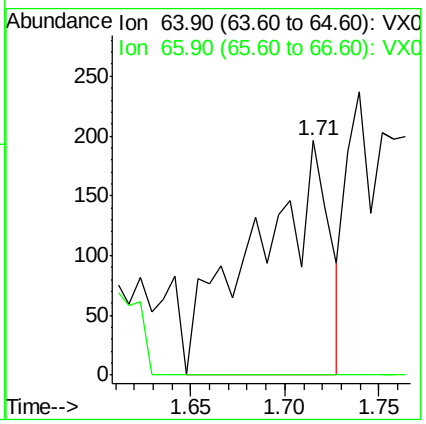


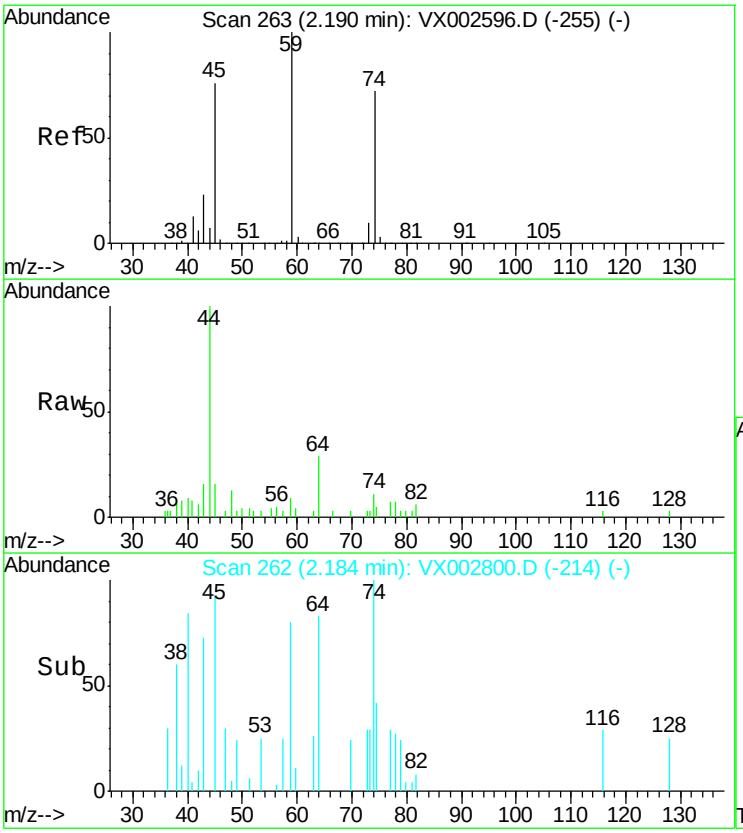
#6
Chloroethane
Concen: 0.28 ug/l
RT: 1.71 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 526

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#

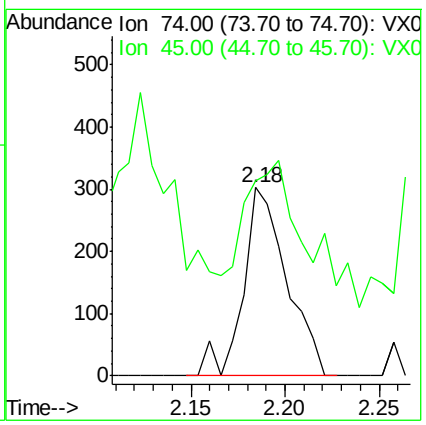


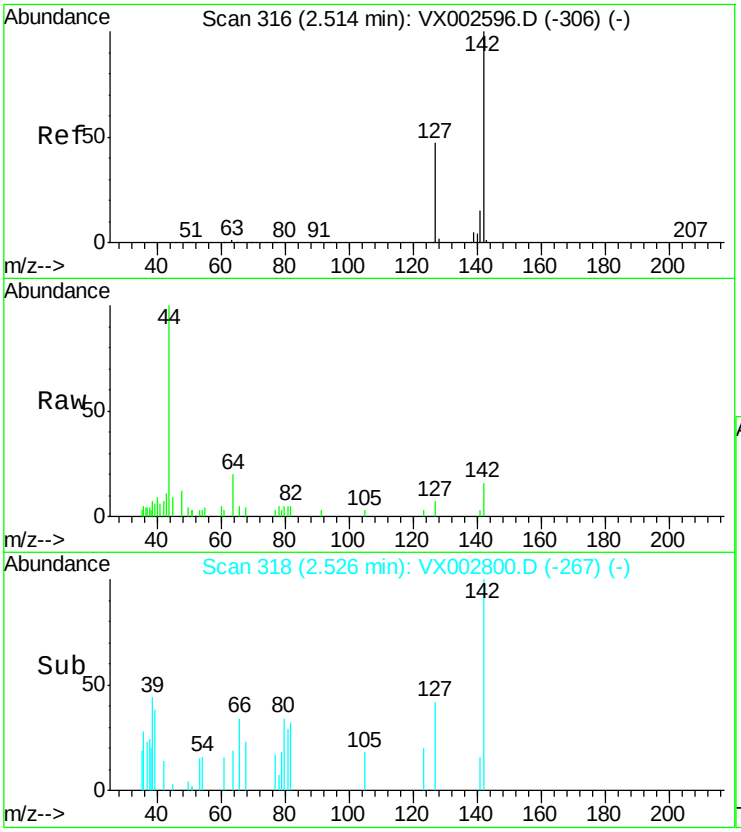


#8
Diethyl Ether
Concen: 0.27 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion: 74 Resp: 483

Ion	Ratio	Lower	Upper
74	100		
45	108.3	53.1	159.4



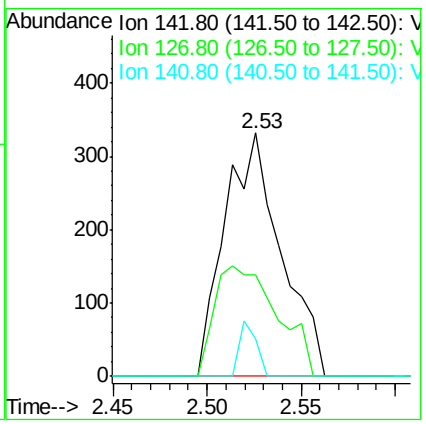


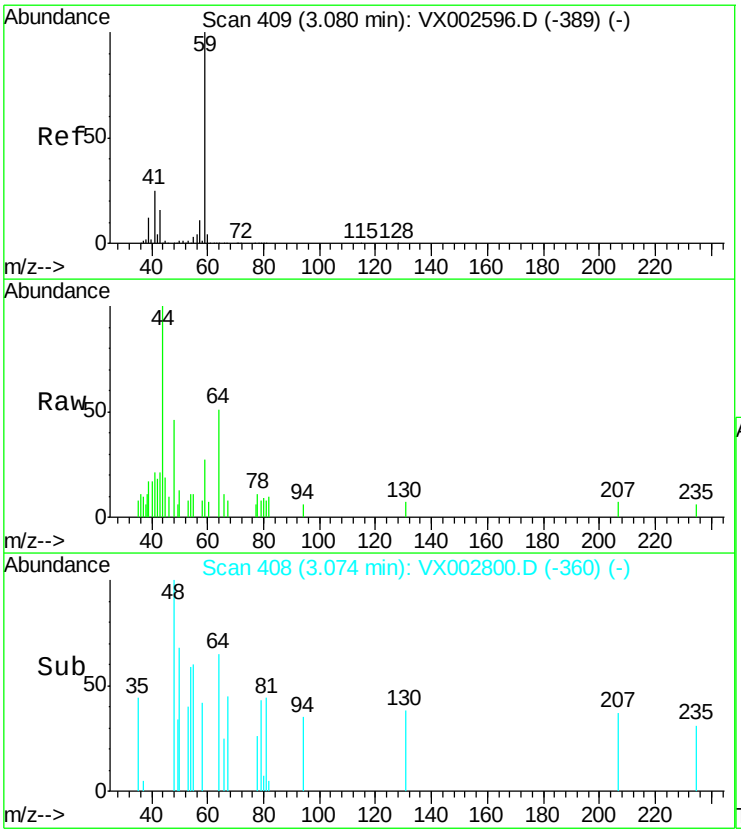
#10
Methyl Iodide
Concen: 5.36 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 688

Ion	Ratio	Lower	Upper
142	100		
127	50.6	36.6	55.0
141	6.7	11.3	16.9#

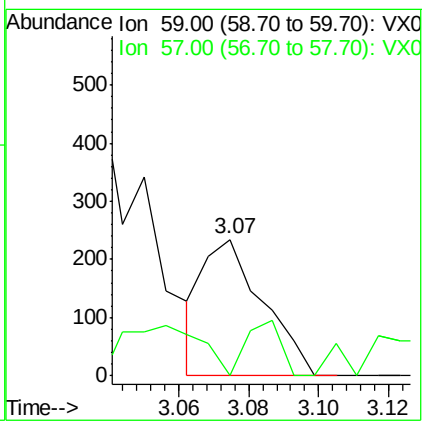


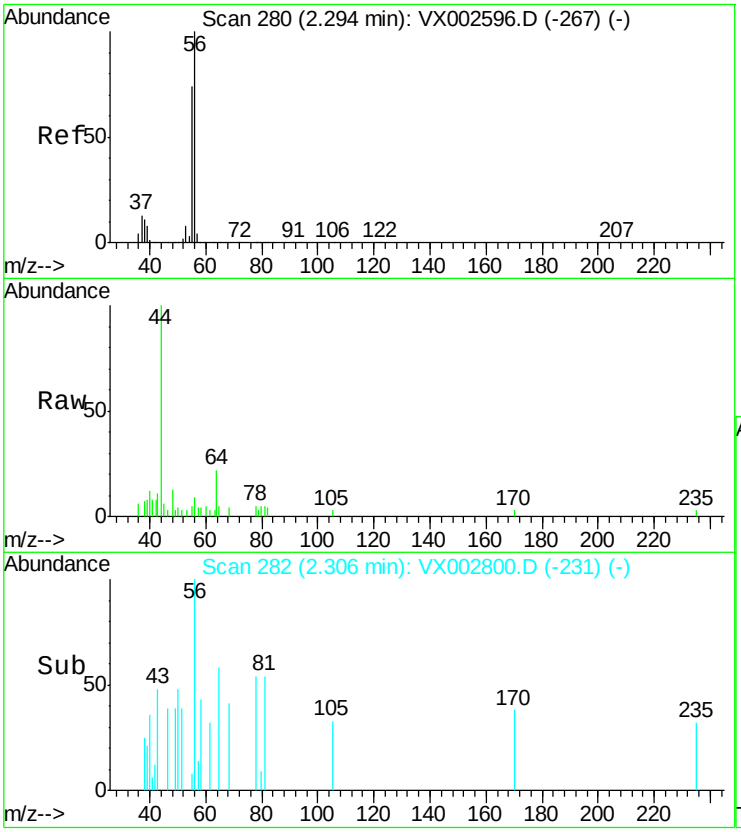


#11
Tert butyl alcohol
Concen: 0.40 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion: 59 Resp: 277

Ion	Ratio	Lower	Upper
59	100		
57	22.7	8.2	12.2#



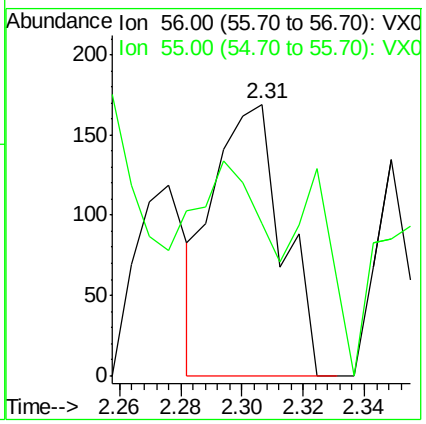


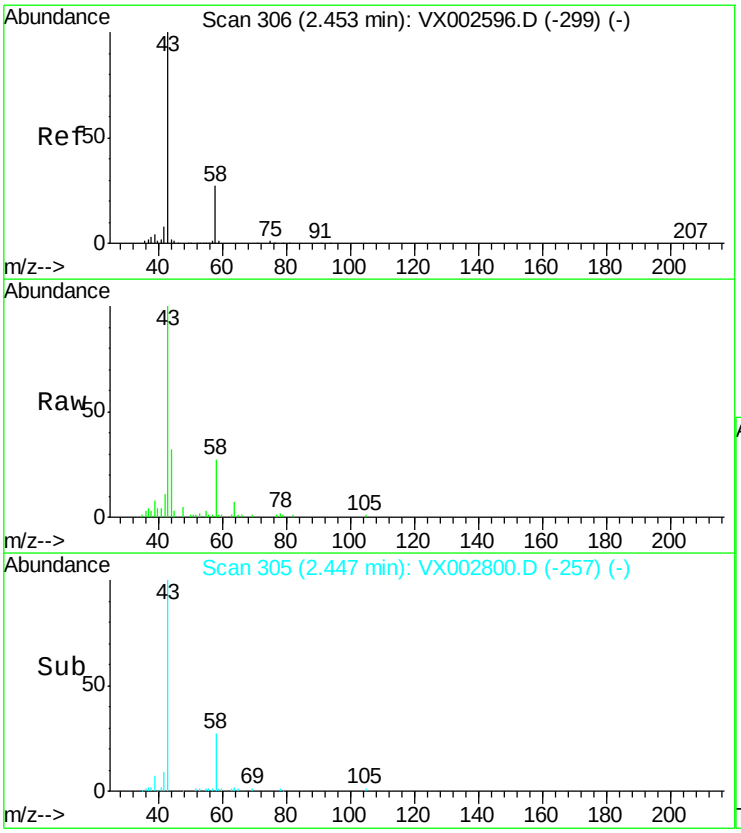
#13
Acrolein
Concen: 7.66 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 264

Ion	Ratio	Lower	Upper
56	100		
55	63.6	57.0	85.4

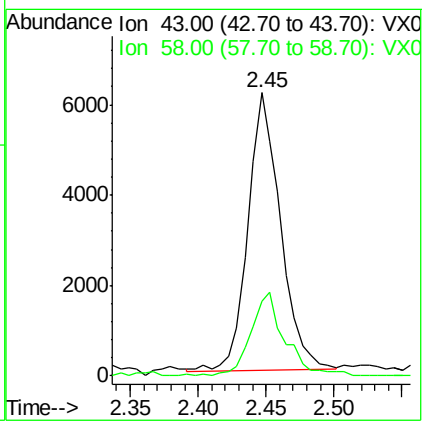


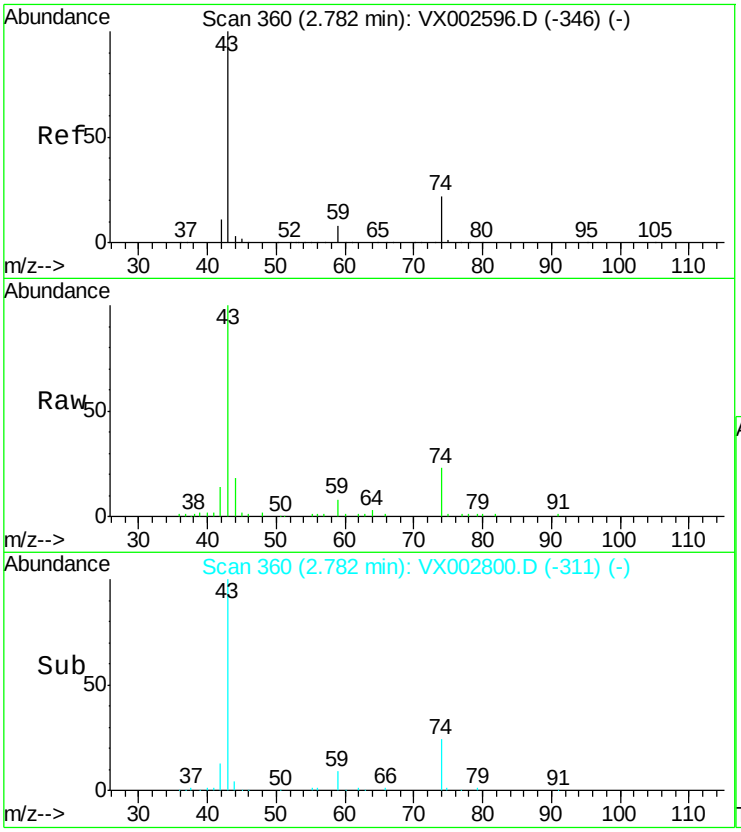


#16
Acetone
Concen: 7.08 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion: 43 Resp: 10368

Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.1	33.1



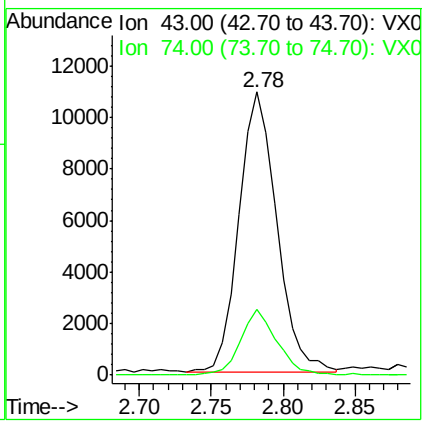


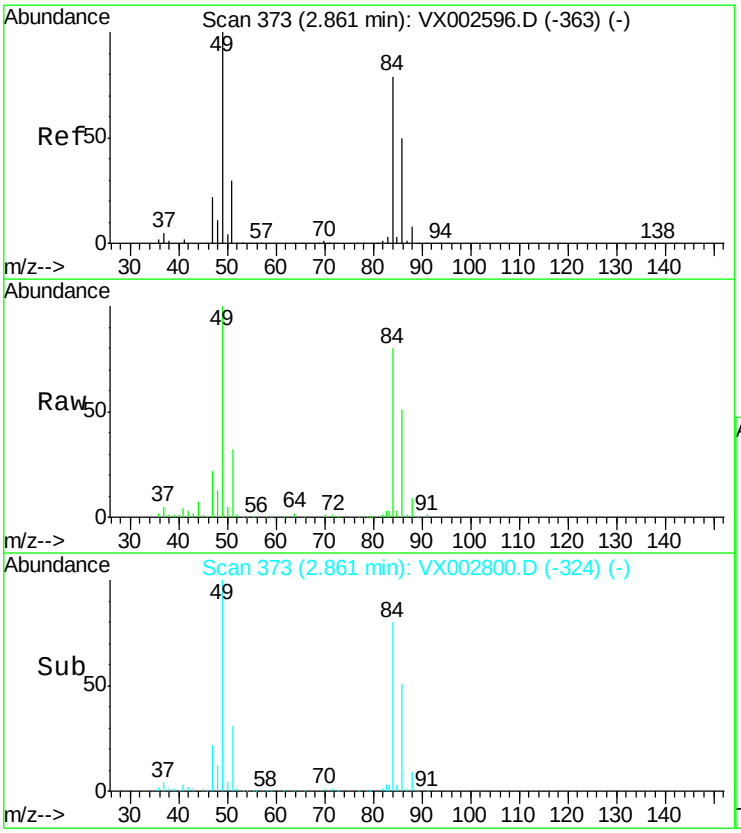
#18
Methyl Acetate
Concen: 5.06 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 19730

Ion	Ratio	Lower	Upper
43	100		
74	22.5	16.7	25.1

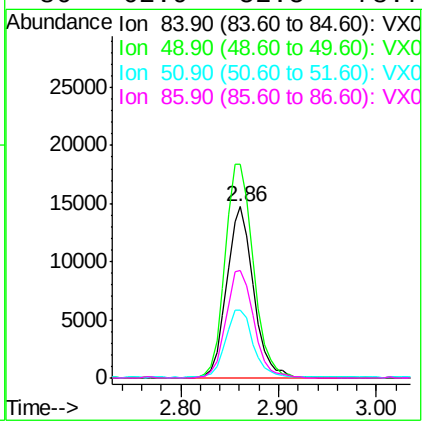


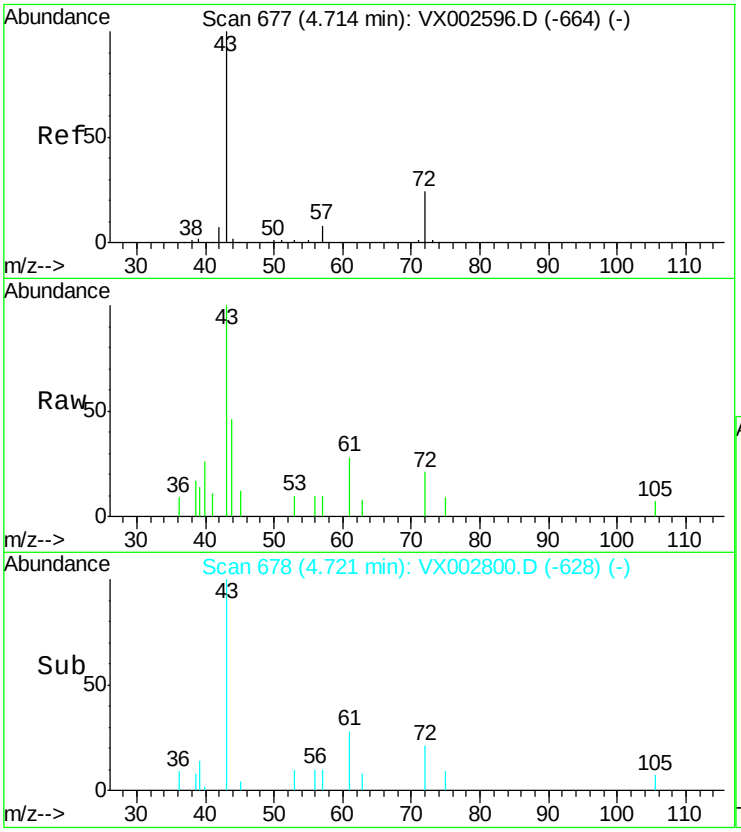


#20
Methylene Chloride
Concen: 9.34 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion: 84 Resp: 28040

Ion	Ratio	Lower	Upper
84	100		
49	124.5	107.8	161.6
51	39.0	32.8	49.2
86	62.9	52.5	78.7



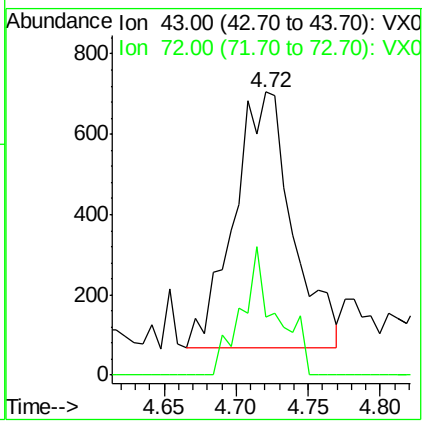


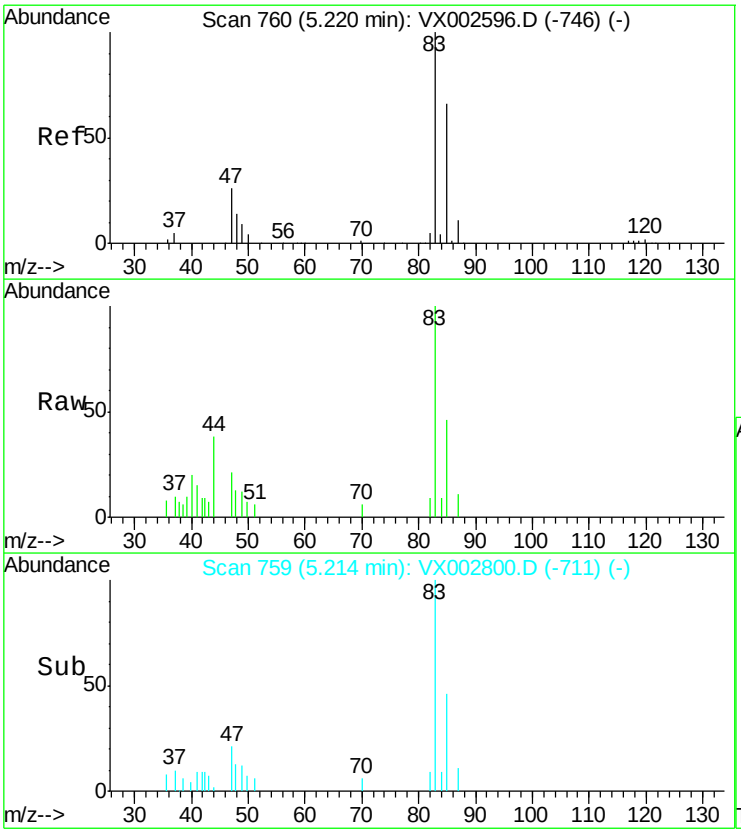
#25
2-Butanone
Concen: 0.93 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1793

Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.5	27.7

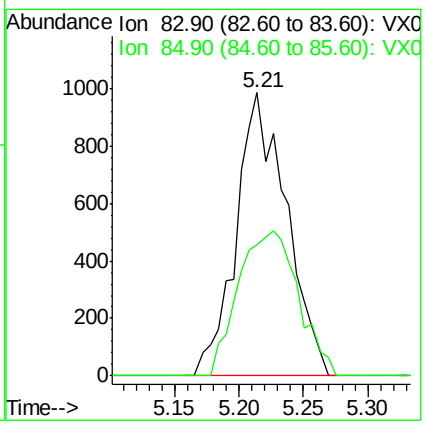


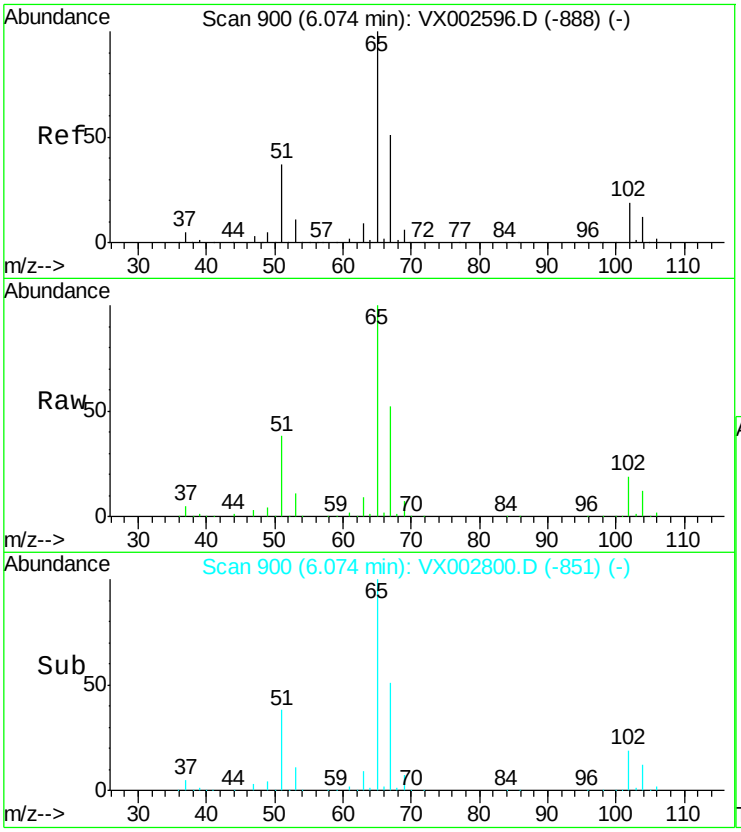


#30
Chloroform
Concen: 0.58 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion: 83 Resp: 2664

Ion	Ratio	Lower	Upper
83	100		
85	46.5	50.4	75.6#



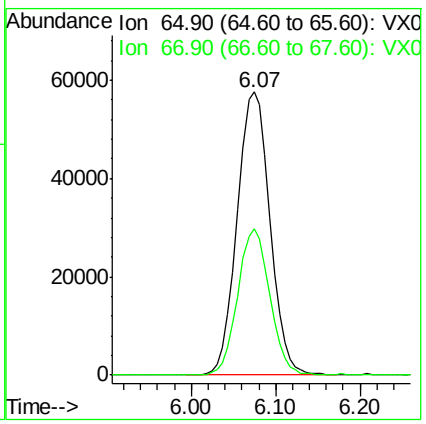


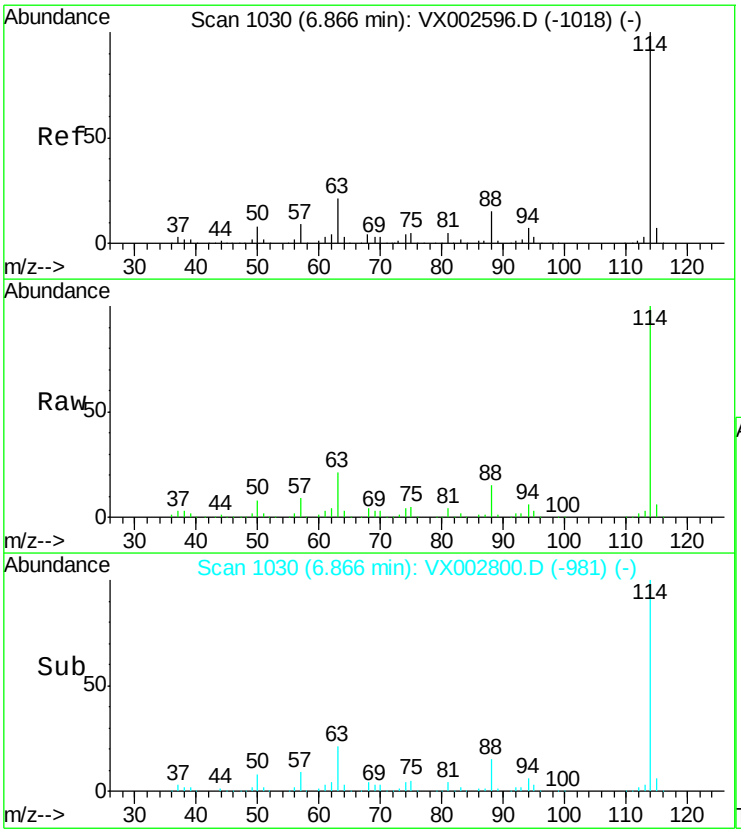
#33
1,2-Dichloroethane-d4
Concen: 45.74 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 151845

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.6

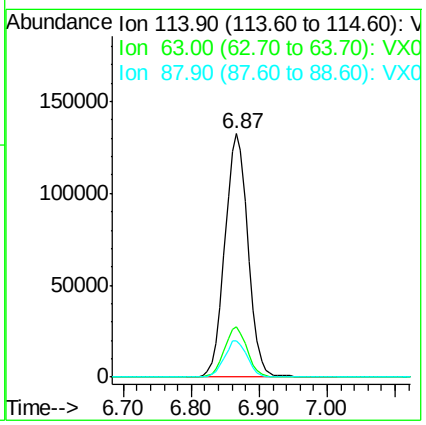


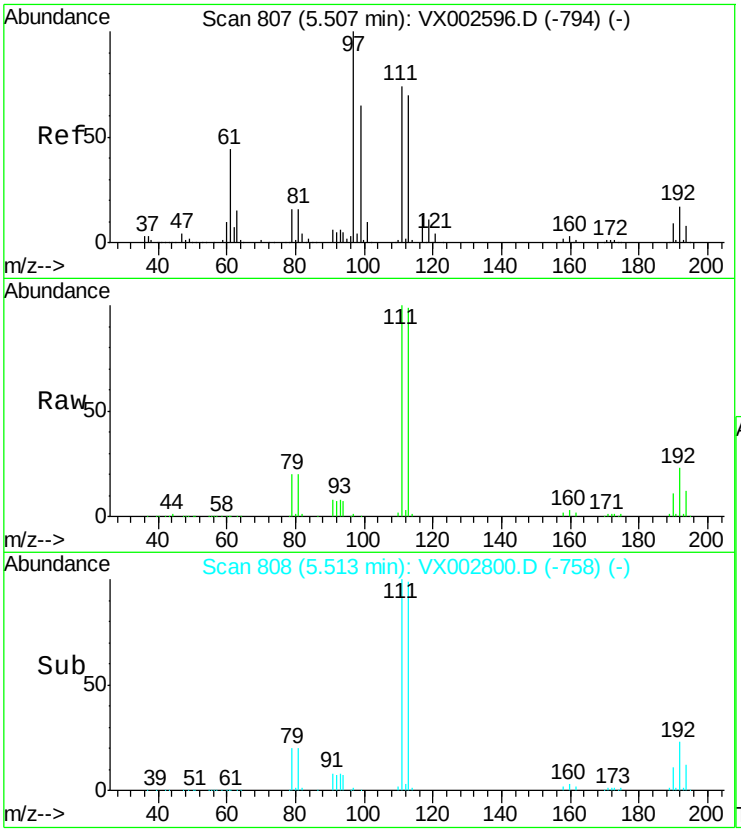


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion:114 Resp: 310217

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.4
88	15.0	0.0	30.0



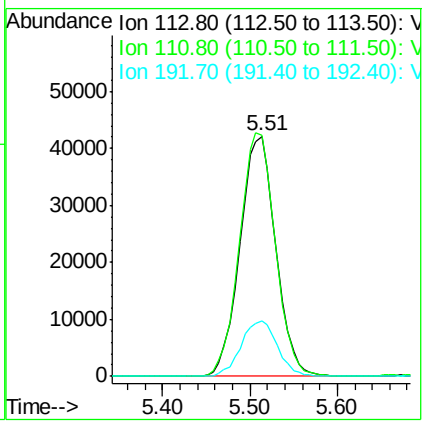


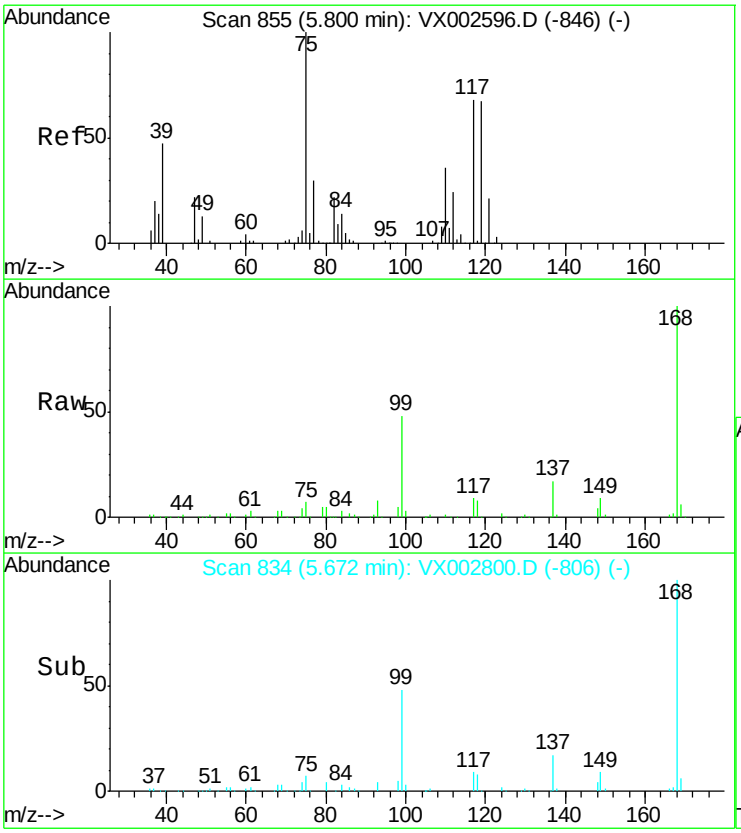
#35
Dibromofluoromethane
Concen: 48.21 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 119350

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	23.5	19.1	28.7

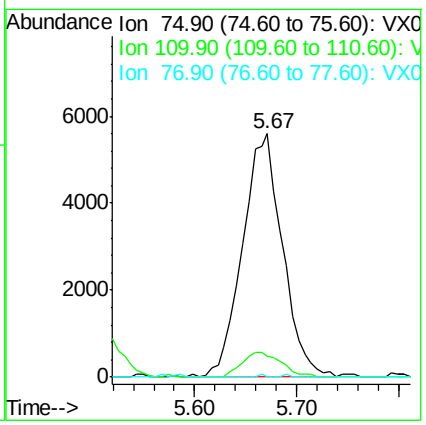


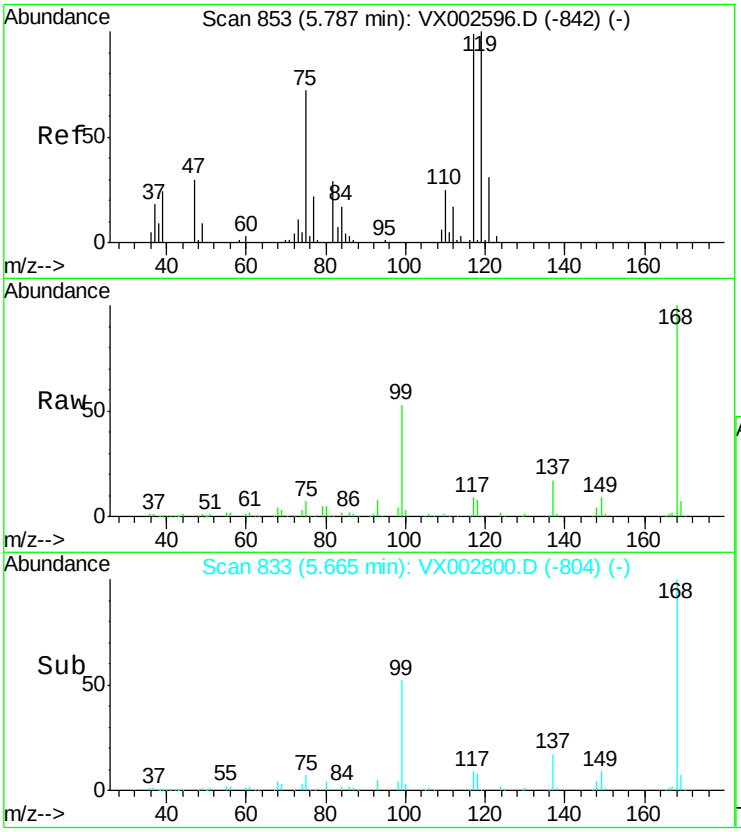


#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion: 75 Resp: 15234

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.2	24.3	36.5#



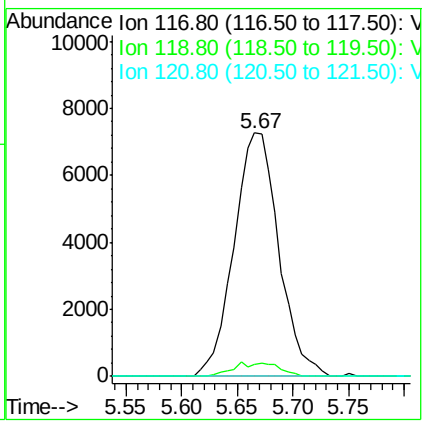


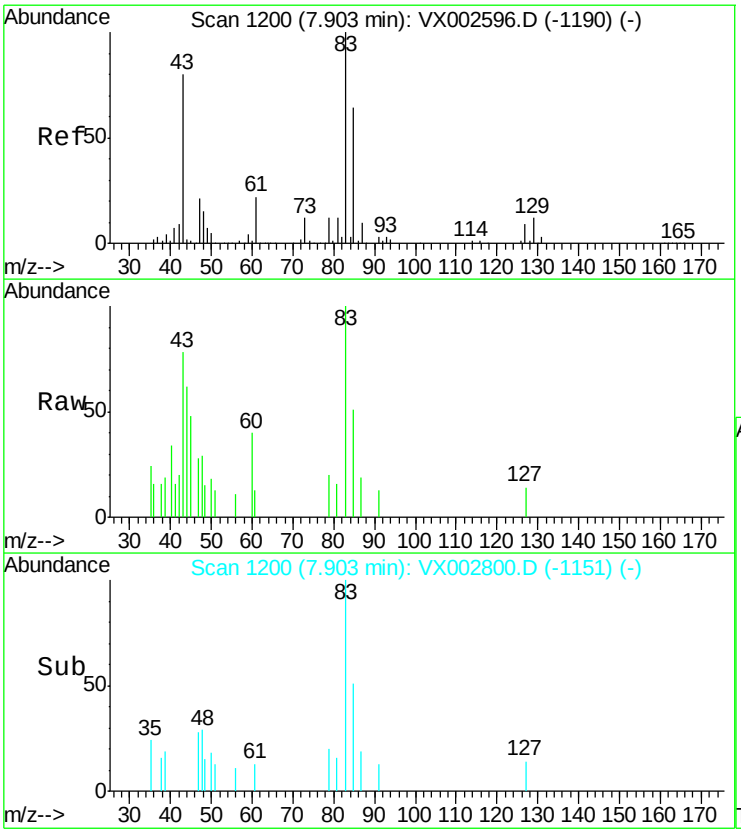
#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 20308

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.4	116.0#
121	0.0	24.4	36.6#

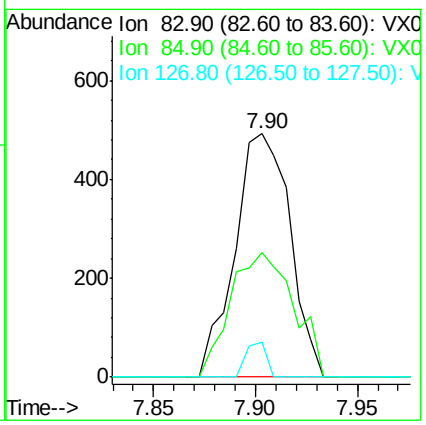


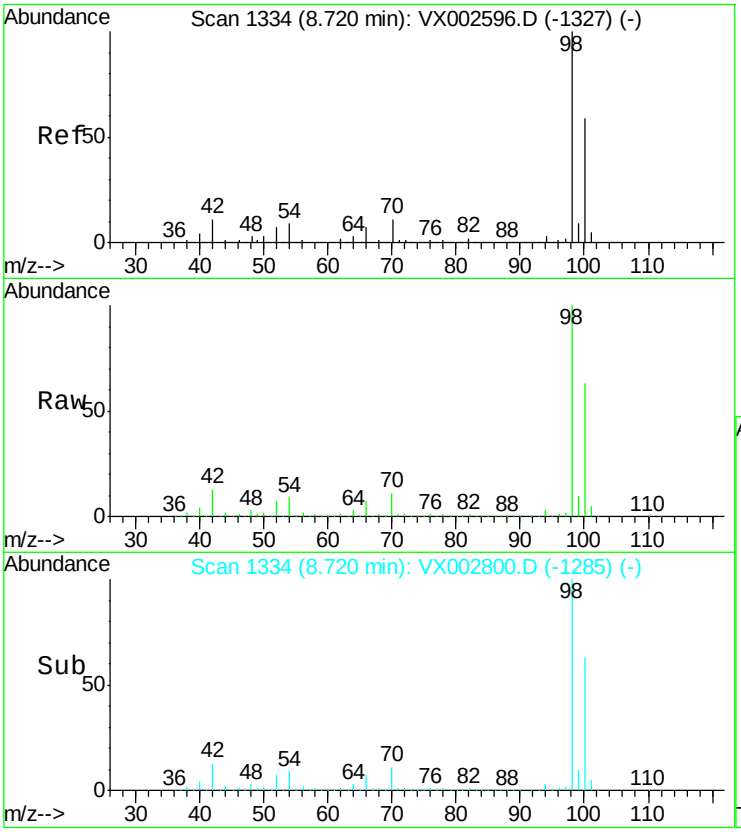


#47
Bromodichloromethane
Concen: 0.30 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion: 83 Resp: 923

Ion	Ratio	Lower	Upper
83	100		
85	51.3	50.3	75.5
127	14.4	7.0	10.4#



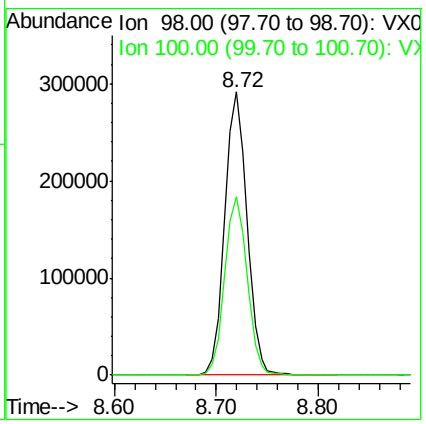


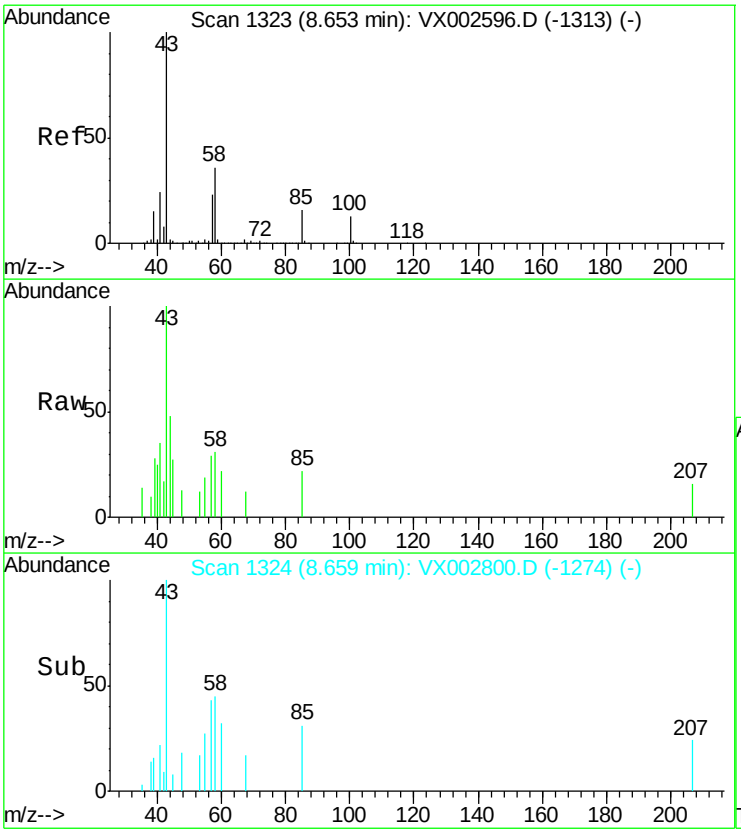
#50
Toluene-d8
Concen: 46.88 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 440701

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3

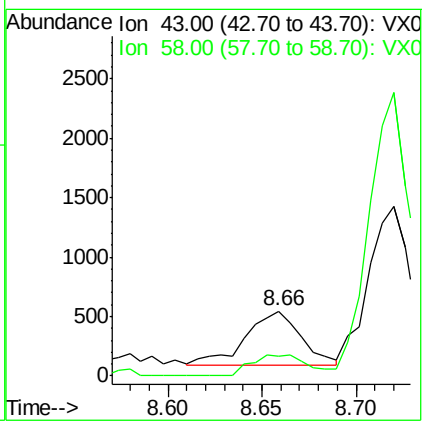


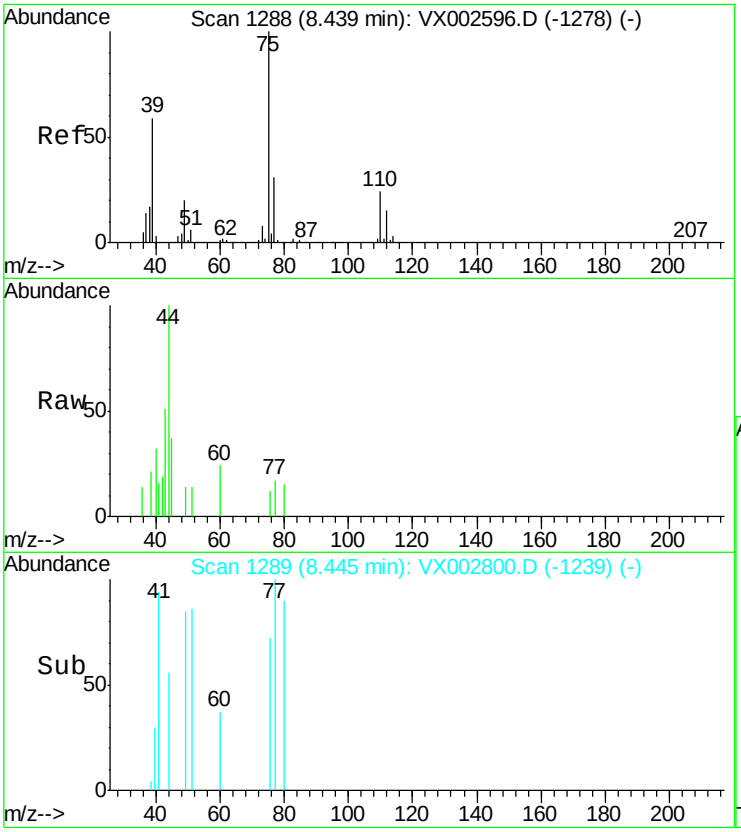


#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion: 43 Resp: 908

Ion	Ratio	Lower	Upper
43	100		
58	39.9	28.6	42.8



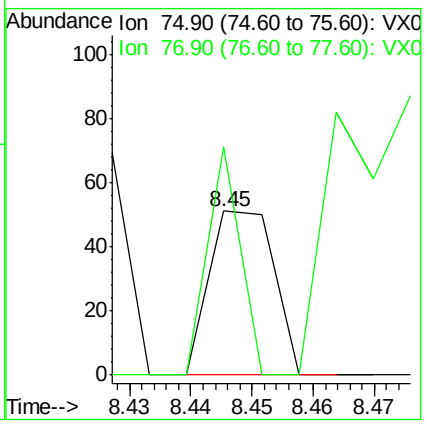


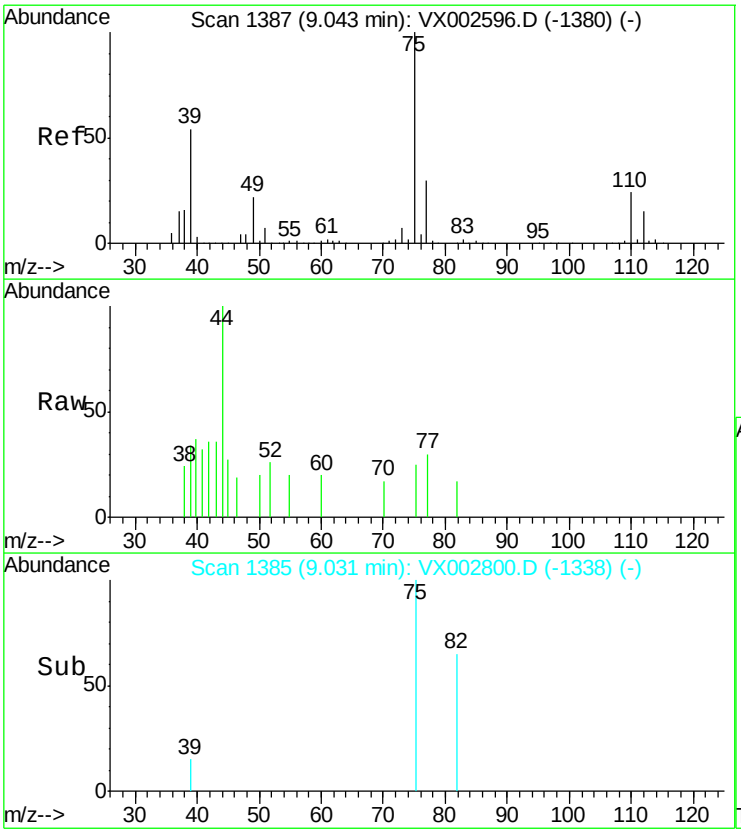
#53
t-1,3-Dichloropropene
Concen: 2.40 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 37

Ion	Ratio	Lower	Upper
75	100		
77	139.2	25.4	38.2#

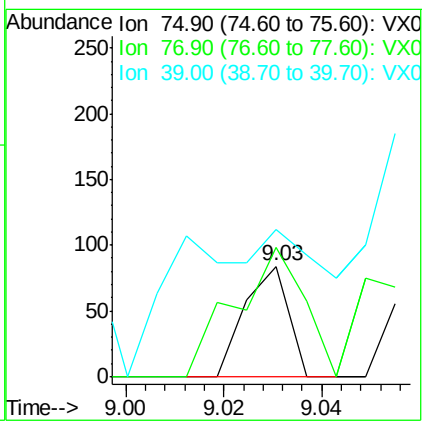


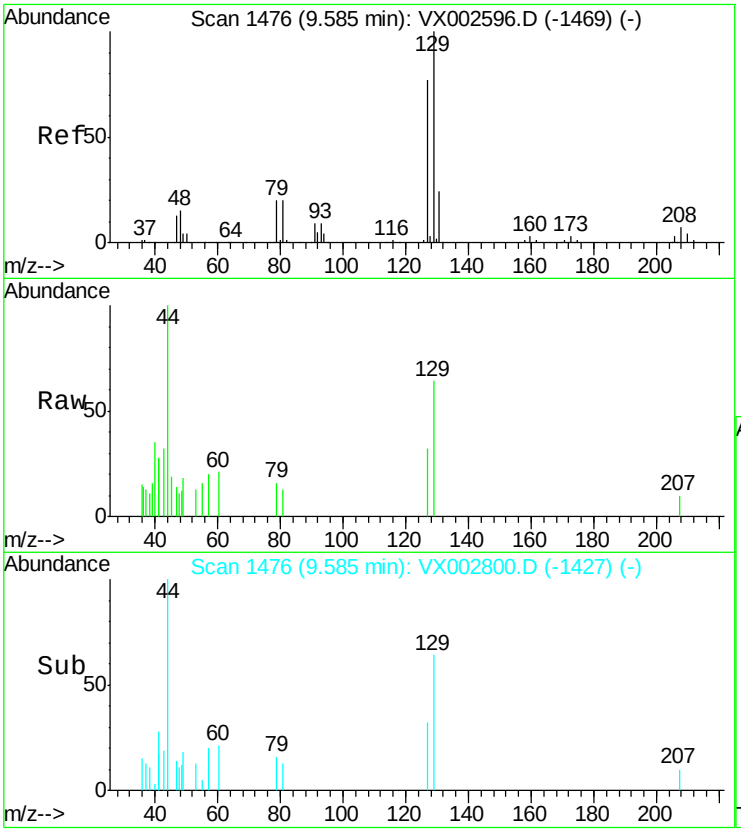


#54
cis-1,3-Dichloropropene
Concen: 3.23 ug/l
RT: 9.03 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion: 75 Resp: 52

Ion	Ratio	Lower	Upper
75	100		
77	116.7	24.8	37.2#
39	44.0	42.4	63.6



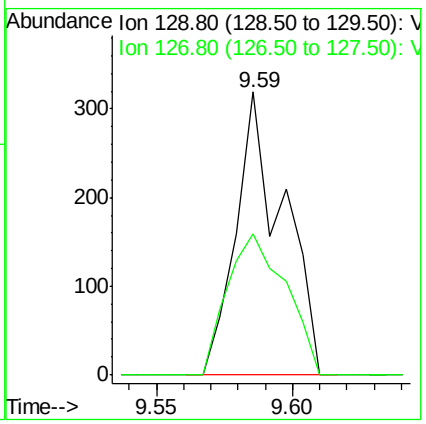


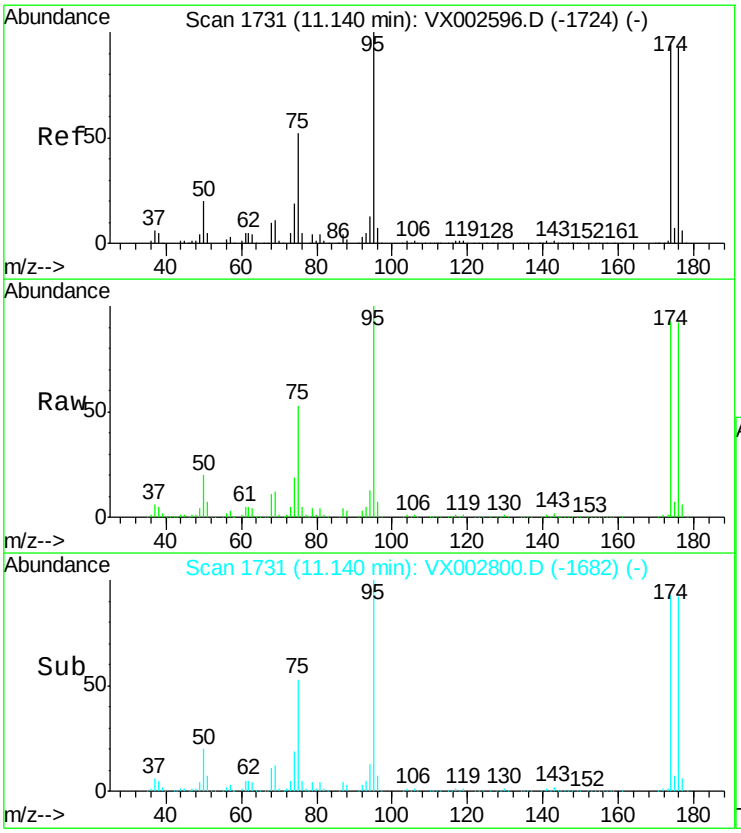
#60
Dibromochloromethane
Concen: 3.88 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 382

Ion	Ratio	Lower	Upper
129	100		
127	62.0	38.5	115.3

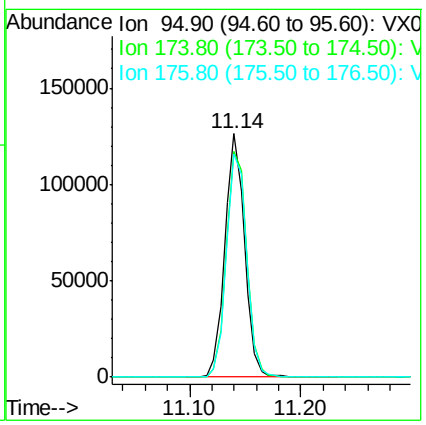


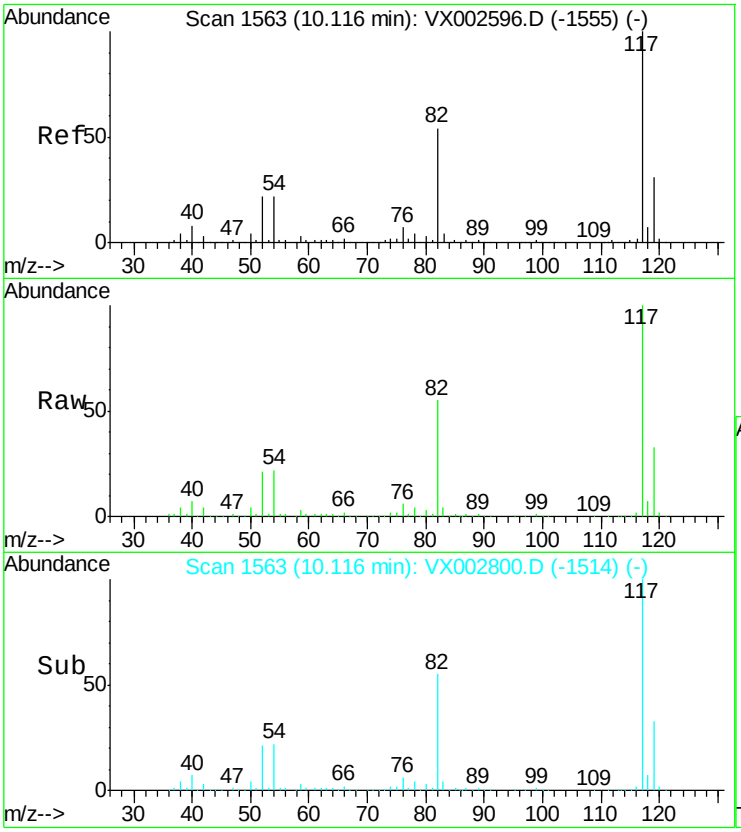


#62
4-Bromofluorobenzene
Concen: 43.40 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion: 95 Resp: 154584

Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	187.4
176	94.8	0.0	181.0



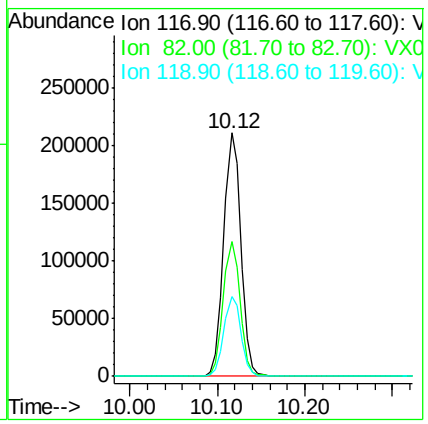


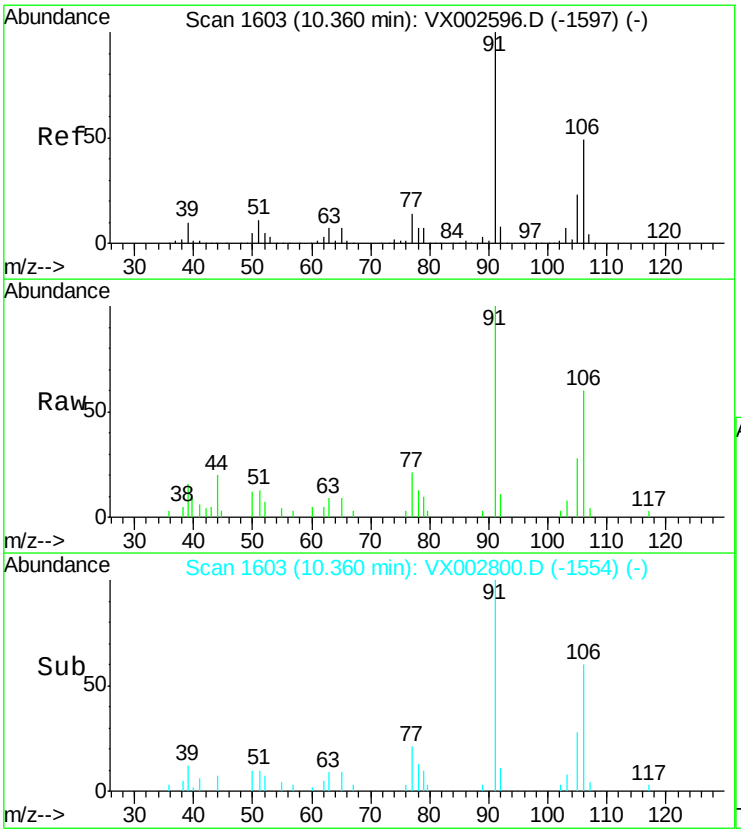
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 286945

Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.0	67.4
119	32.7	25.8	38.6

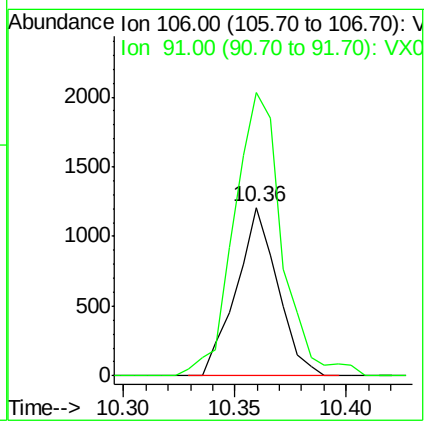


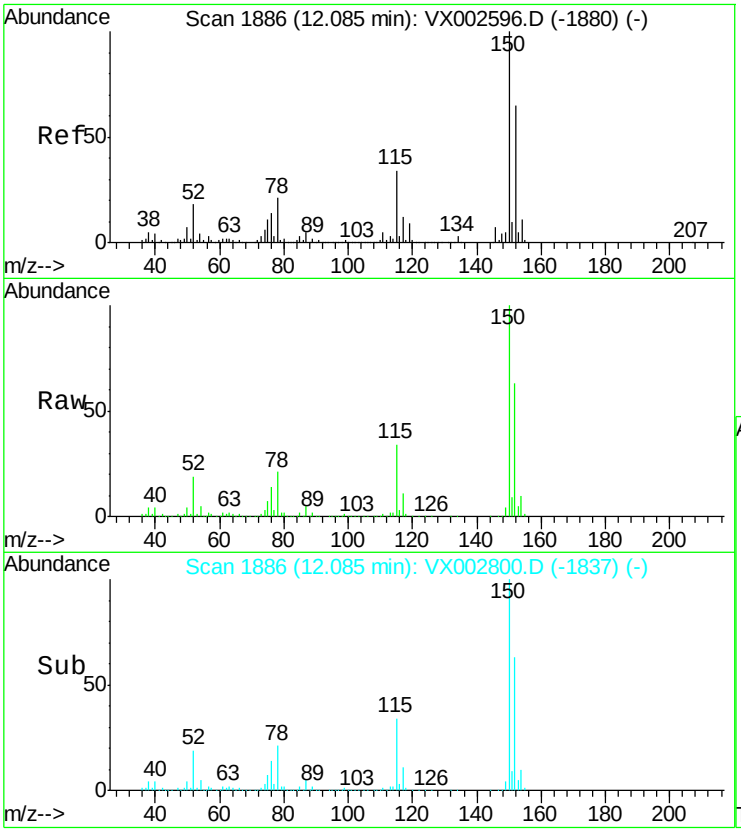


#68
m/p-Xylenes
Concen: 0.34 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion:106 Resp: 1570

Ion	Ratio	Lower	Upper
106	100		
91	194.6	163.4	245.2



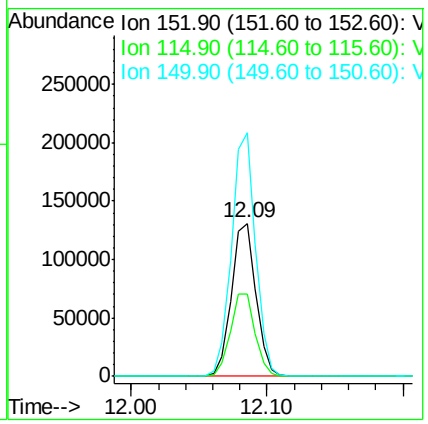


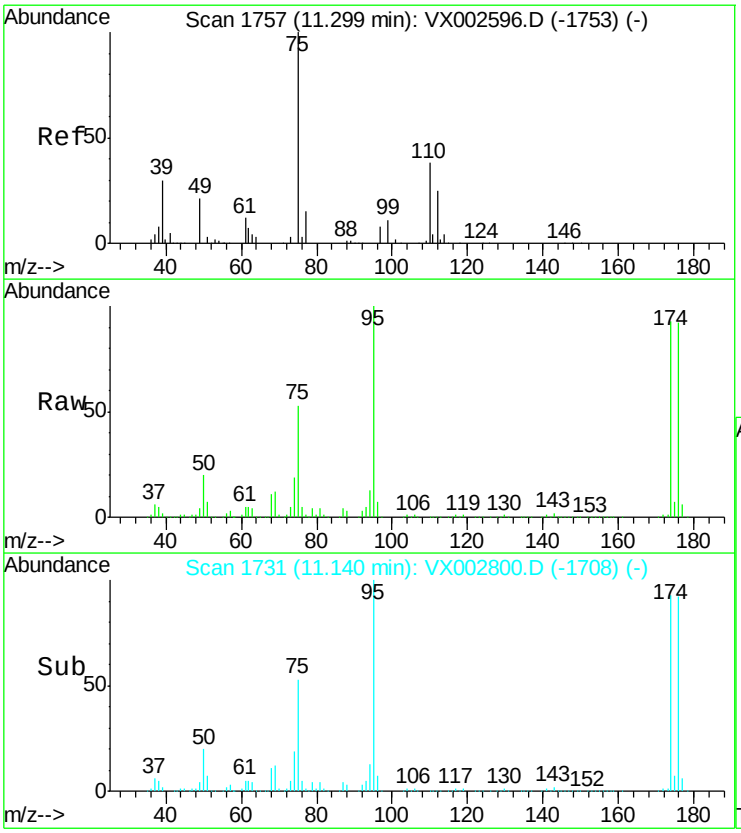
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 163592

Ion	Ratio	Lower	Upper
152	100		
115	54.7	40.1	120.2
150	156.2	0.0	347.2

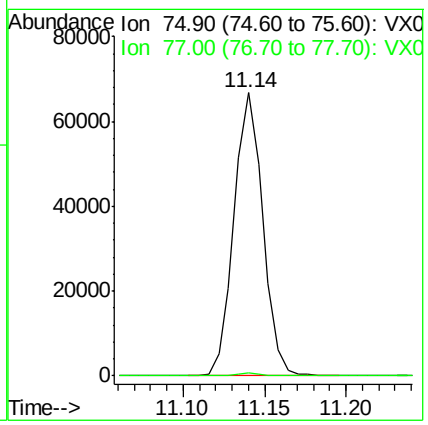


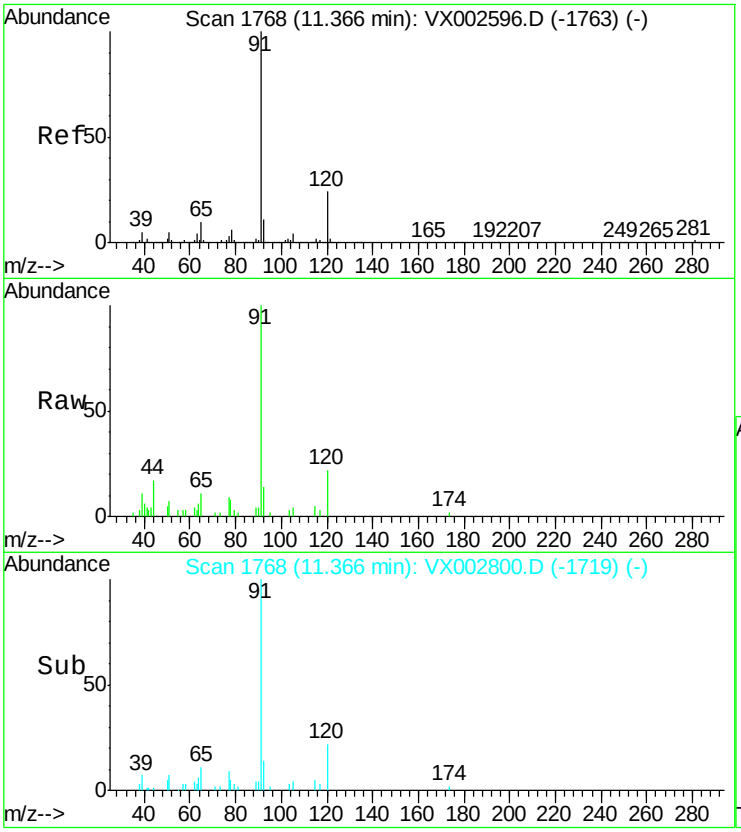


#76
1,2,3-Trichloropropane
Concen: 26.72 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion: 75 Resp: 82471

Ion	Ratio	Lower	Upper
75	100		
77	1.0	22.8	68.3#



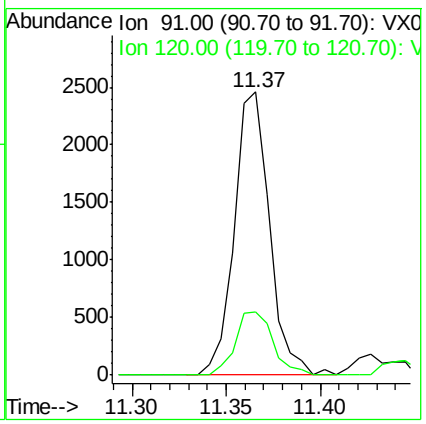


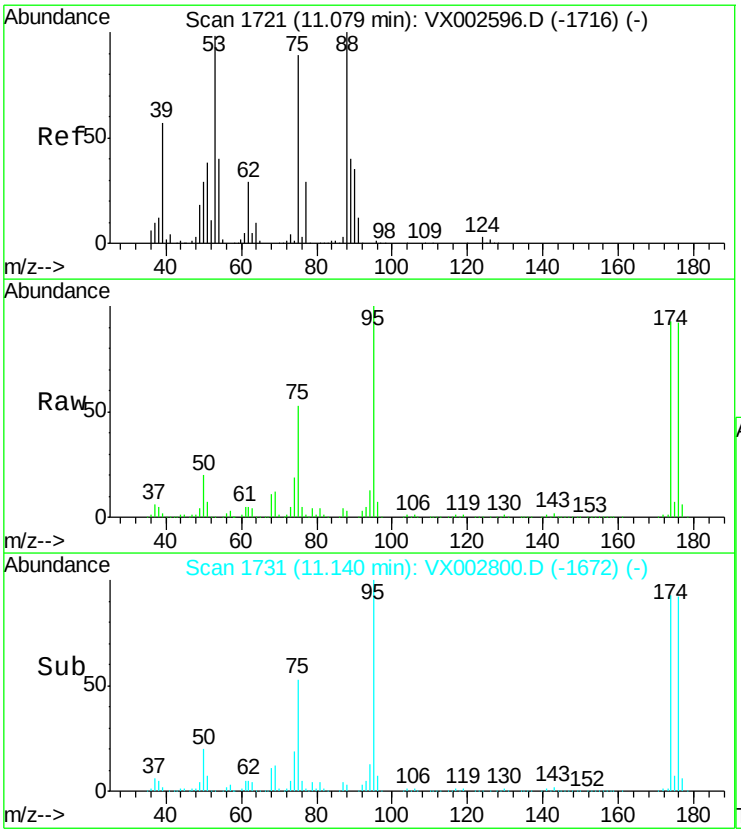
#78
n-propylbenzene
Concen: 0.25 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 3179

Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.8	35.4

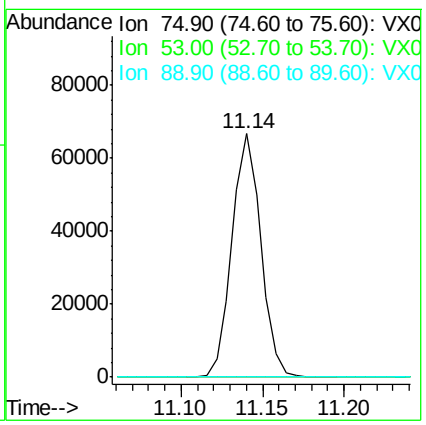


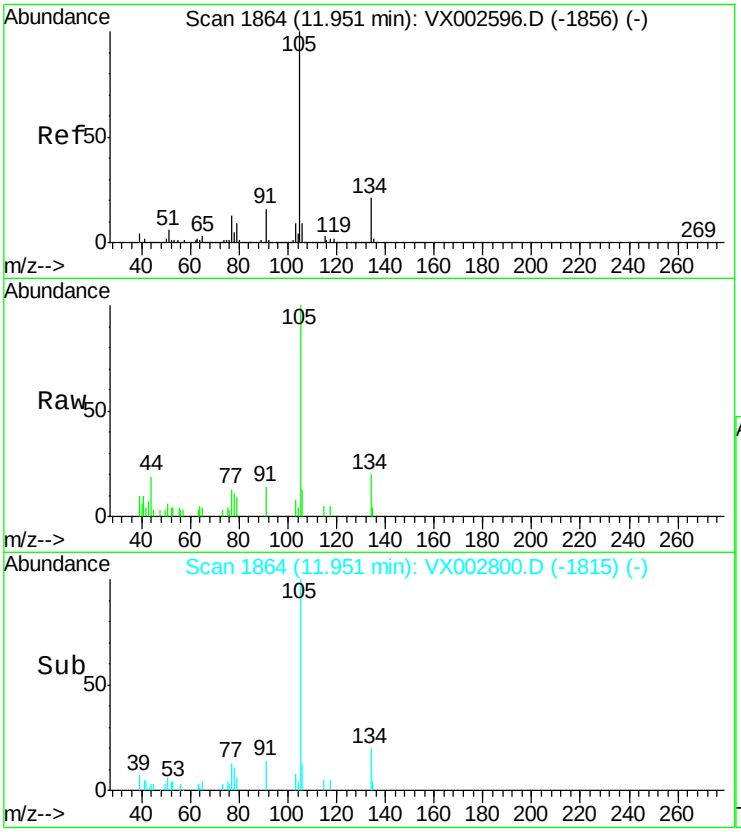


#81
trans-1,4-Dichloro-2-butene
Concen: 82.52 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion: 75 Resp: 82471

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#



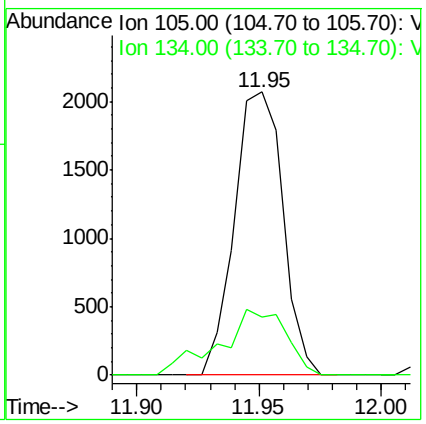


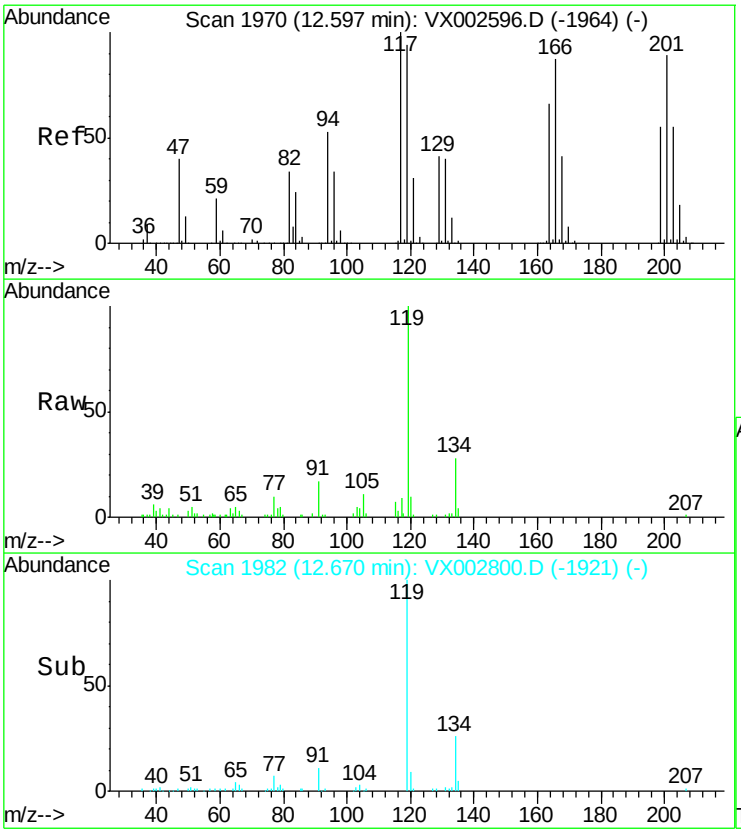
#85
sec-Butylbenzene
Concen: 0.26 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2843

Ion	Ratio	Lower	Upper
105	100		
134	31.9	10.4	31.1#

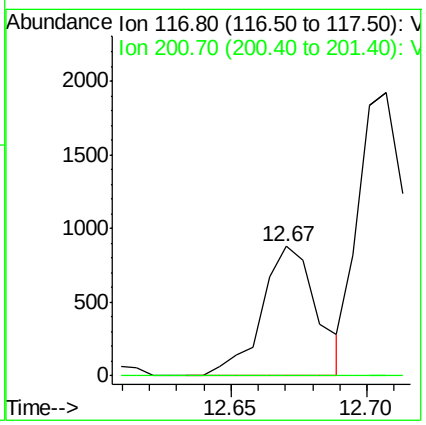


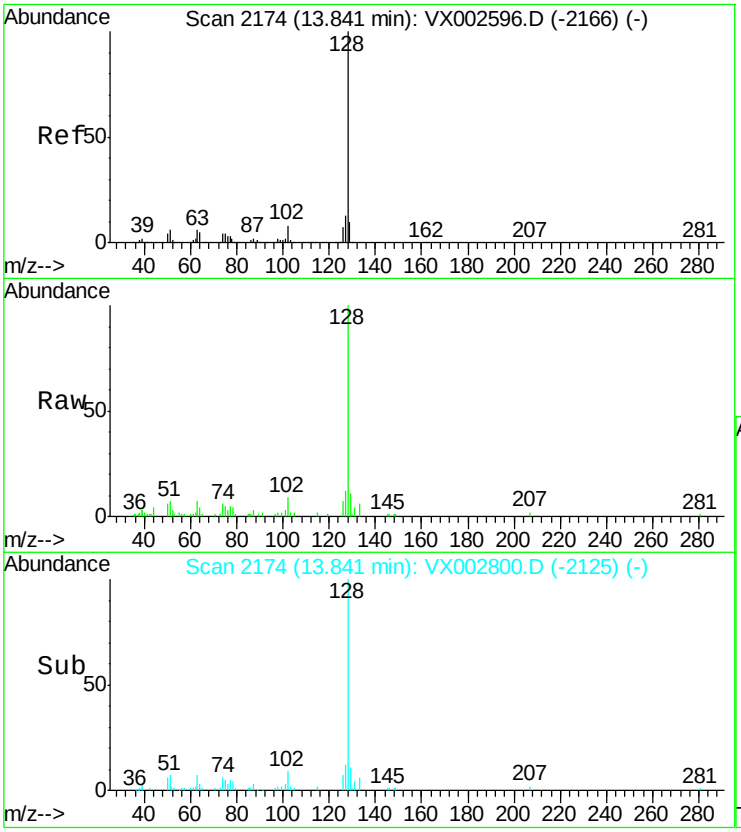


#90
Hexachloroethane
Concen: 3.37 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Tgt Ion:117 Resp: 1236

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#95
Naphthalene
Concen: 0.94 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002800.D
Acq: 21 Jun 2018 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 10327

Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.4	15.6
129	16.8	8.6	13.0#