Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062618\
Data File : VX002894.D
Acq On : 26 Jun 2018 13:15
Operator : JC/MD
Sample : J3497-01 25X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 27 02:36:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	237798	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	329215	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	301804	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166325	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	157508	47.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.84%				
35) Dibromofluoromethane	5.51	113	126845	48.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.30%				
50) Toluene-d8	8.72	98	463552	48.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.38%				
62) 4-Bromofluorobenzene	11.14	95	160274	43.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	94	Below Cal		#	43
3) Chloromethane	1.33	50	673	Below Cal			91
5) Bromomethane	1.65	94	1974	Below Cal		#	78
6) Chloroethane	1.75	64	647	Below Cal		#	45
10) Methyl Iodide	2.52	142	3685	7.44	ug/l		98
11) Tert butyl alcohol	3.02	59	4602	7.03	ug/l	#	83
13) Acrolein	2.30	56	521	5.64	ug/l	#	83
15) Acrylonitrile	3.15	53	742	0.53	ug/l	#	77
16) Acetone	2.45	43	17456	12.82	ug/l		98
17) Carbon Disulfide	2.57	76	2799	0.45	ug/l	#	91
20) Methylene Chloride	2.86	84	1892	0.71	ug/l		98
29) Tetrahydrofuran	5.17	42	15661	12.09	ug/l		95
30) Chloroform	5.23	83	1974	0.40	ug/l		87
36) 1,1-Dichloropropene	5.67	75	16515	4.57	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	22294	5.63	ug/l	#	17
41) Methacrylonitrile	5.17	41	9328	4.17	ug/l	#	54
49) 1,4-Dioxane	7.76	88	48	0.73	ug/l	#	13
59) 2-Hexanone	9.51	43	750	0.24	ug/l	#	47
76) 1,2,3-Trichloropropane	11.14	75	84443	28.03	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	84443	79.22	ug/l	#	6
93) 1,2,4-Trichlorobenzene	13.65	180	1011	0.24	ug/l		93
95) Naphthalene	13.84	128	2394	0.21	ug/l	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
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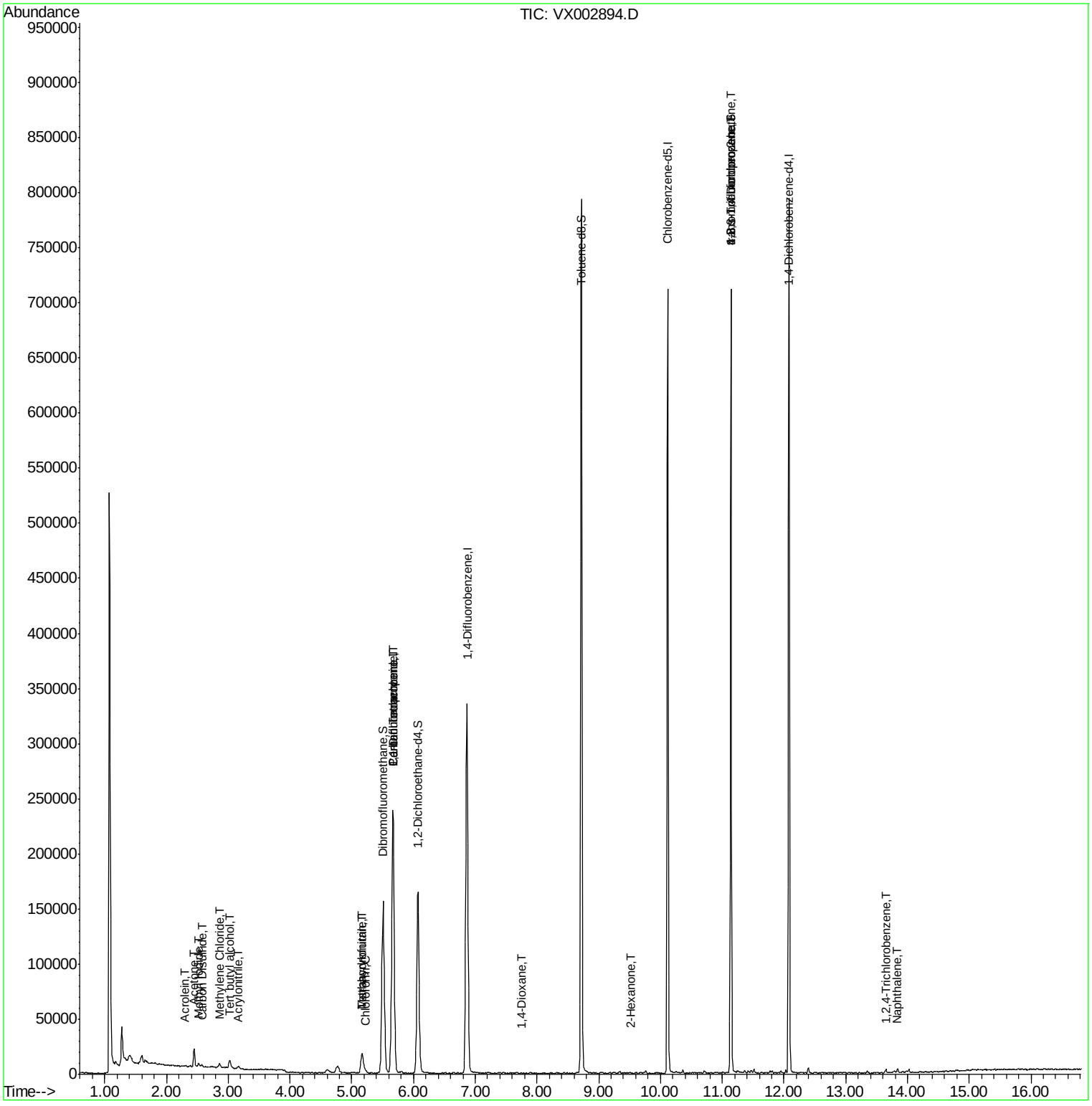
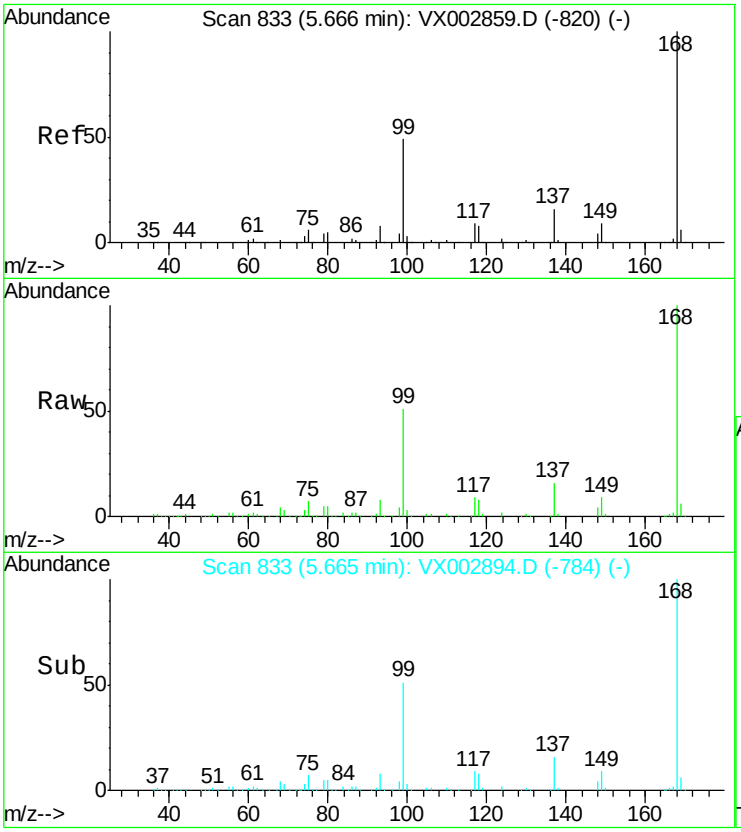
Acq On : 26 Jun 2018 13:15
Operator : JC/MD
Sample : J3497-01 25X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 27 02:36:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



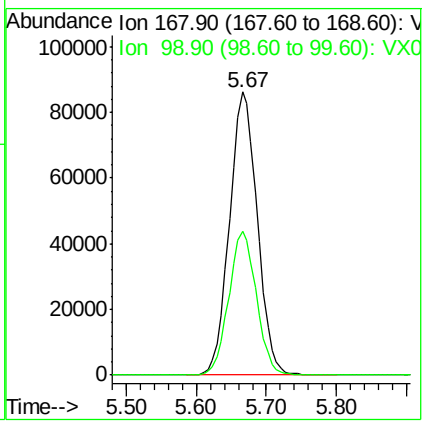


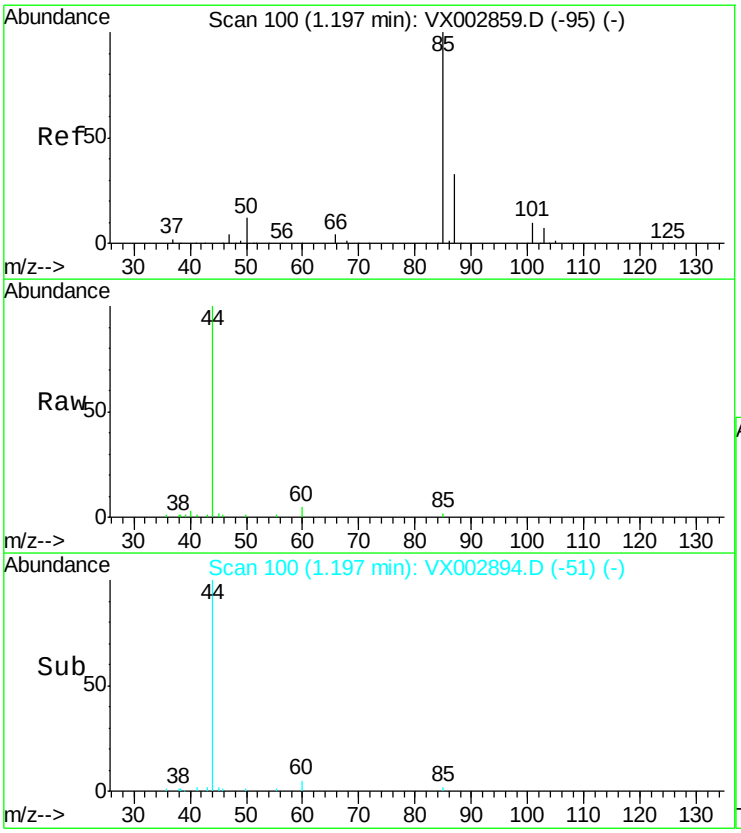
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 237798

Ion	Ratio	Lower	Upper
168	100		
99	50.8	39.3	58.9

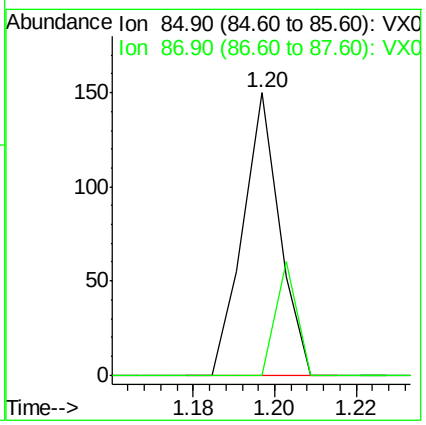


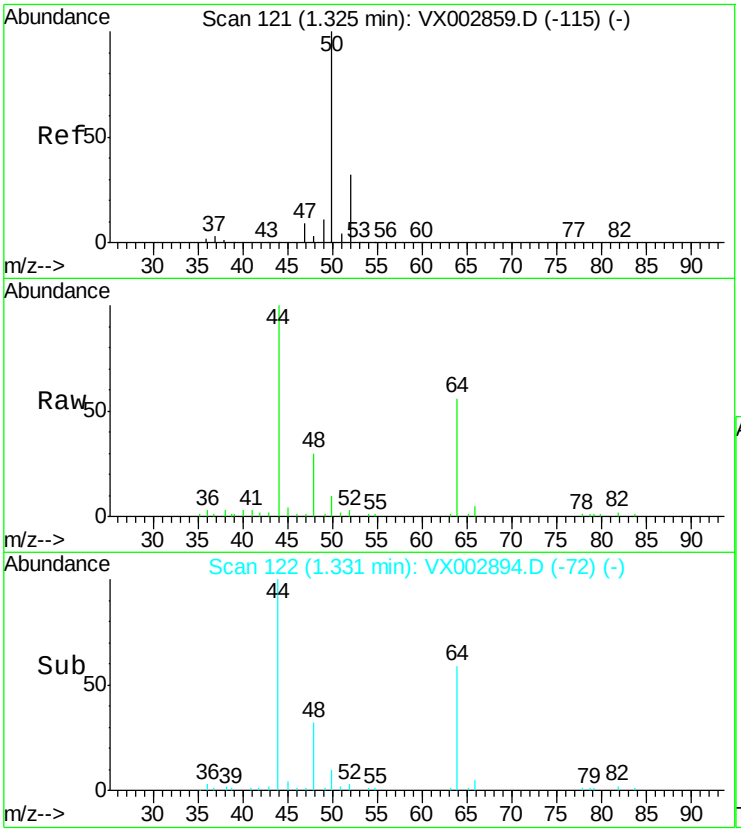


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion: 85 Resp: 94

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



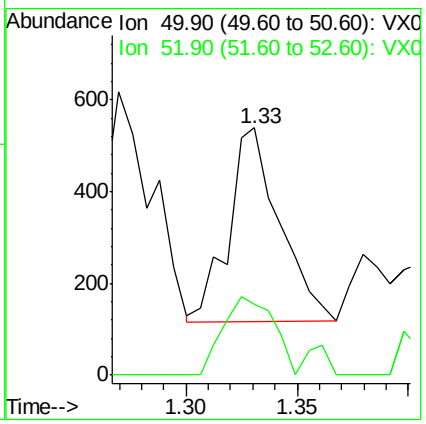


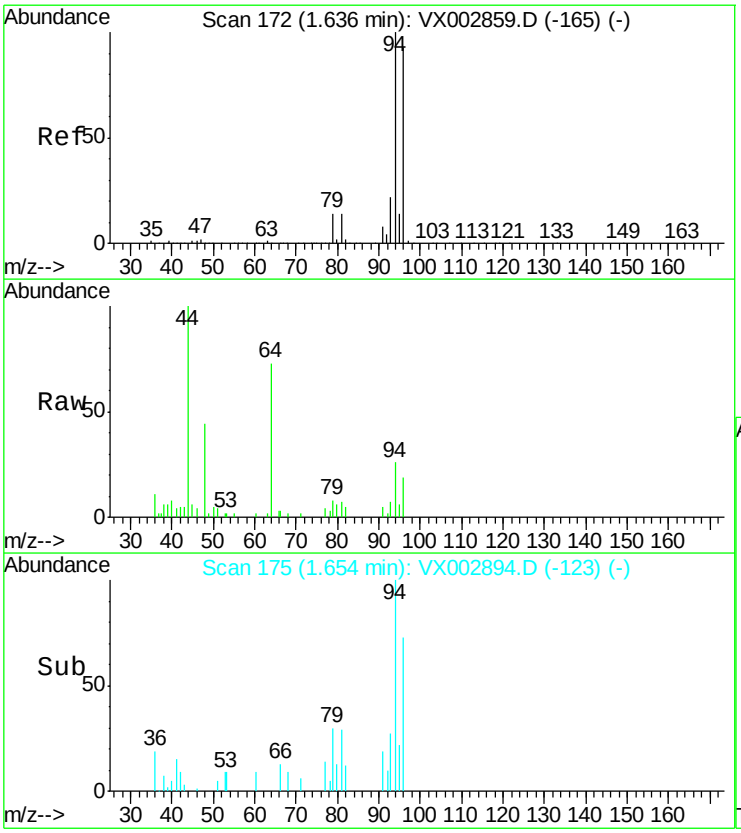
#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 673

Ion	Ratio	Lower	Upper
50	100		
52	37.0	25.7	38.5

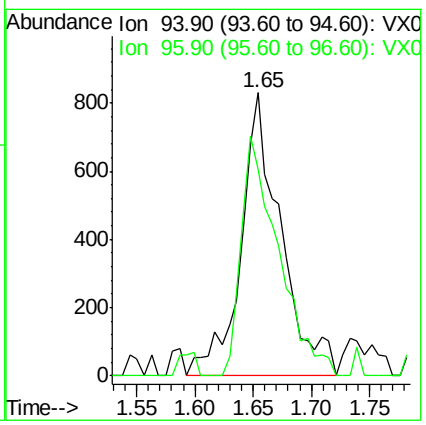


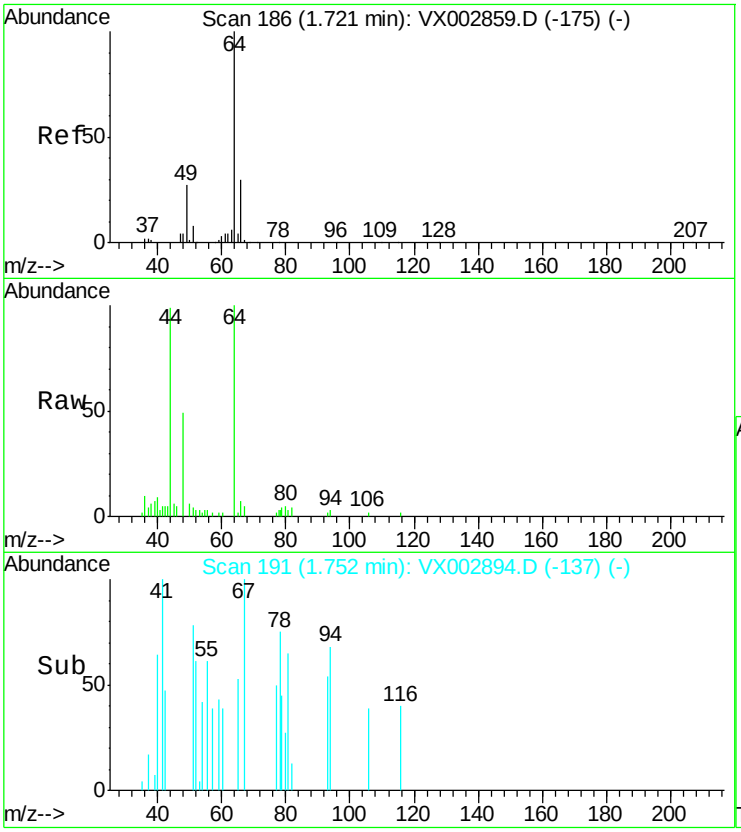


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion: 94 Resp: 1974

Ion	Ratio	Lower	Upper
94	100		
96	72.8	74.9	112.3#



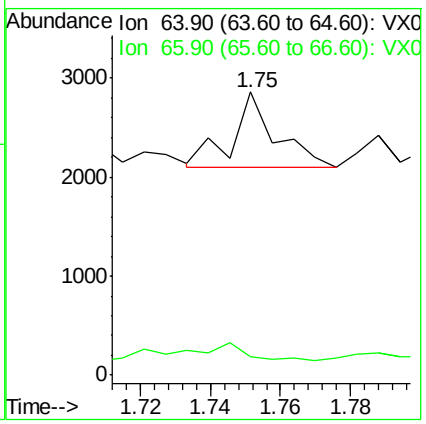


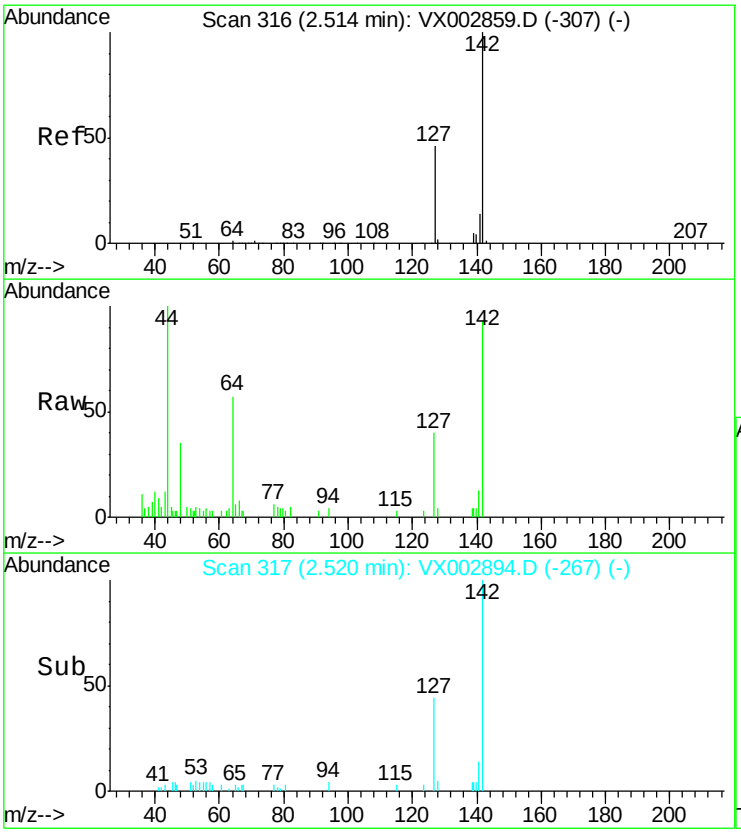
#6
Chloroethane
Concen: Below Cal
RT: 1.75 min Scan# 191
Delta R.T. 0.03 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 647

Ion	Ratio	Lower	Upper
64	100		
66	1.2	25.5	38.3#

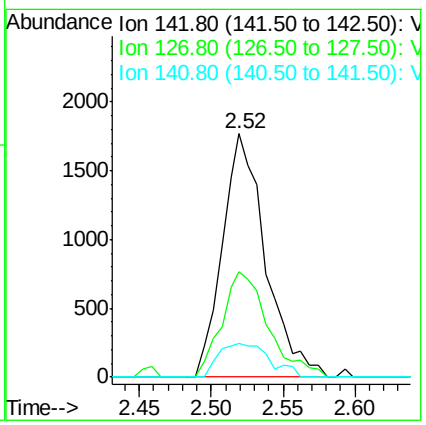


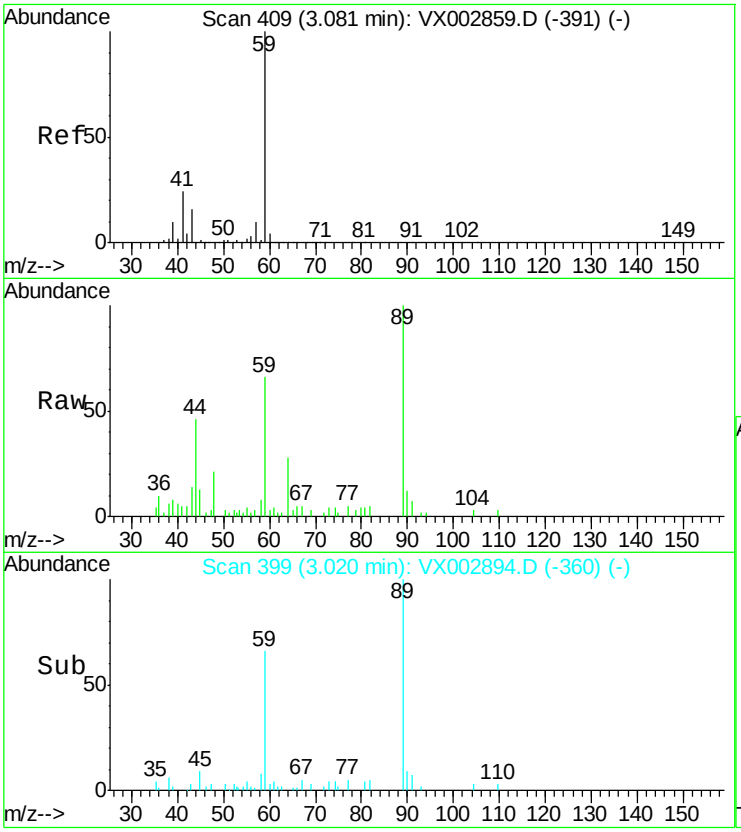


#10
Methyl Iodide
Concen: 7.44 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion:142 Resp: 3685

Ion	Ratio	Lower	Upper
142	100		
127	46.7	36.6	55.0
141	16.2	11.3	16.9



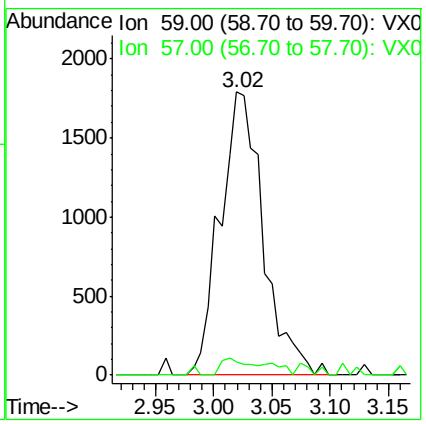


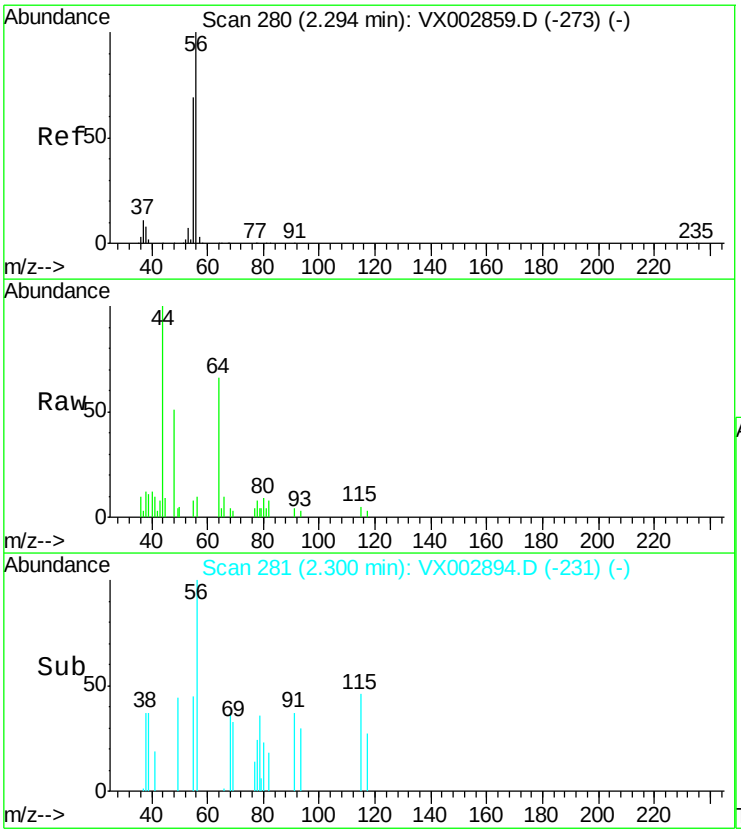
#11
Tert butyl alcohol
Concen: 7.03 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 4602

Ion	Ratio	Lower	Upper
59	100		
57	3.8	8.2	12.2#

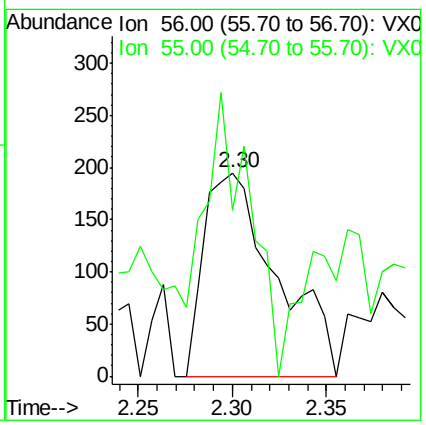


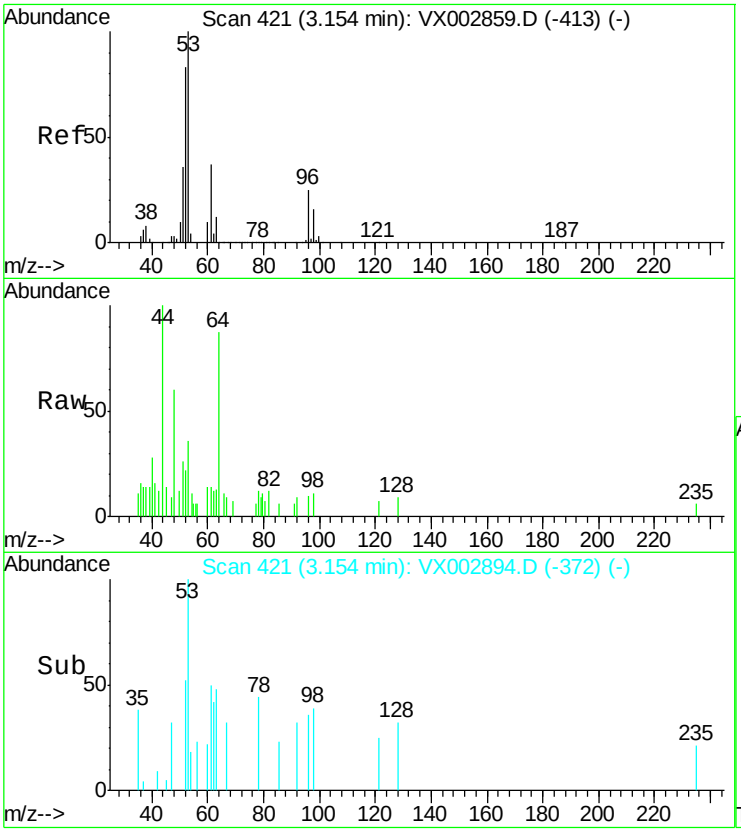


#13
Acrolein
Concen: 5.64 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion: 56 Resp: 521

Ion	Ratio	Lower	Upper
56	100		
55	85.6	57.0	85.4#



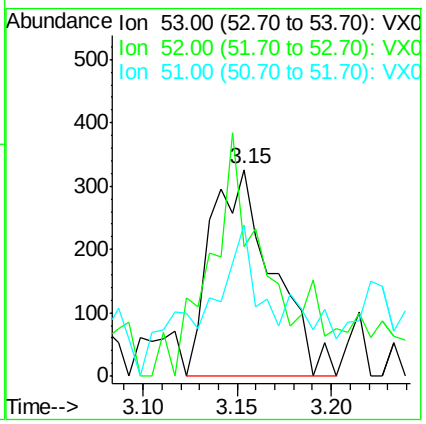


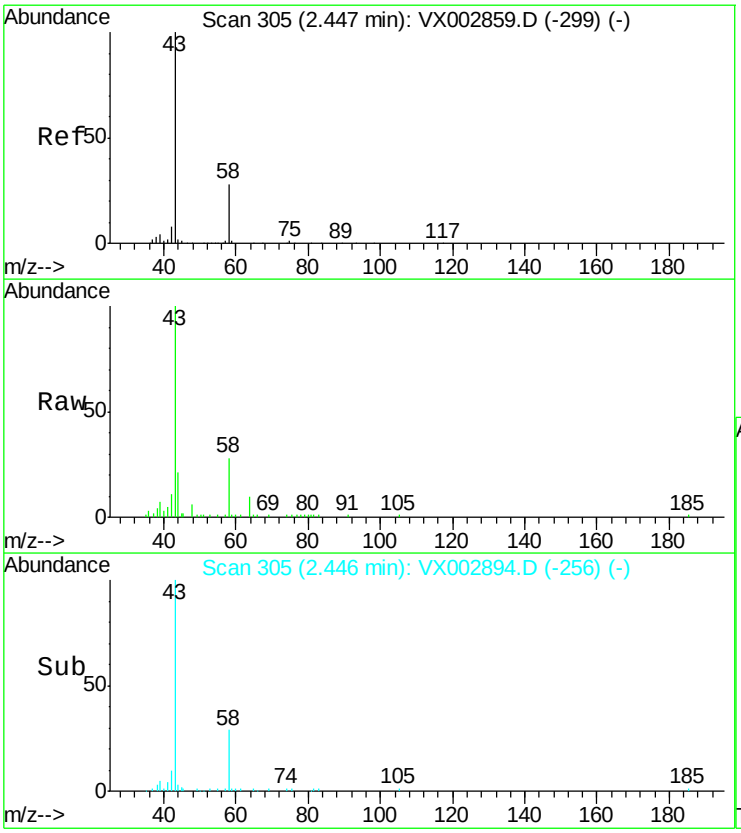
#15
Acrylonitrile
Concen: 0.53 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 742

Ion	Ratio	Lower	Upper
53	100		
52	93.1	66.7	100.1
51	68.3	29.9	44.9#

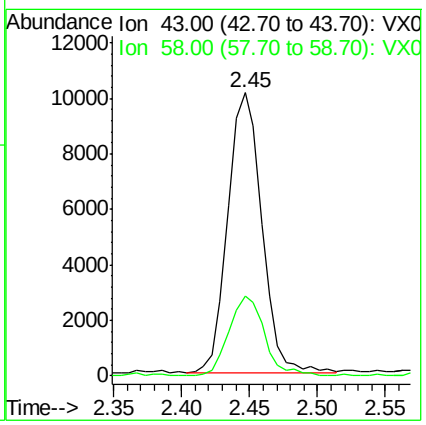


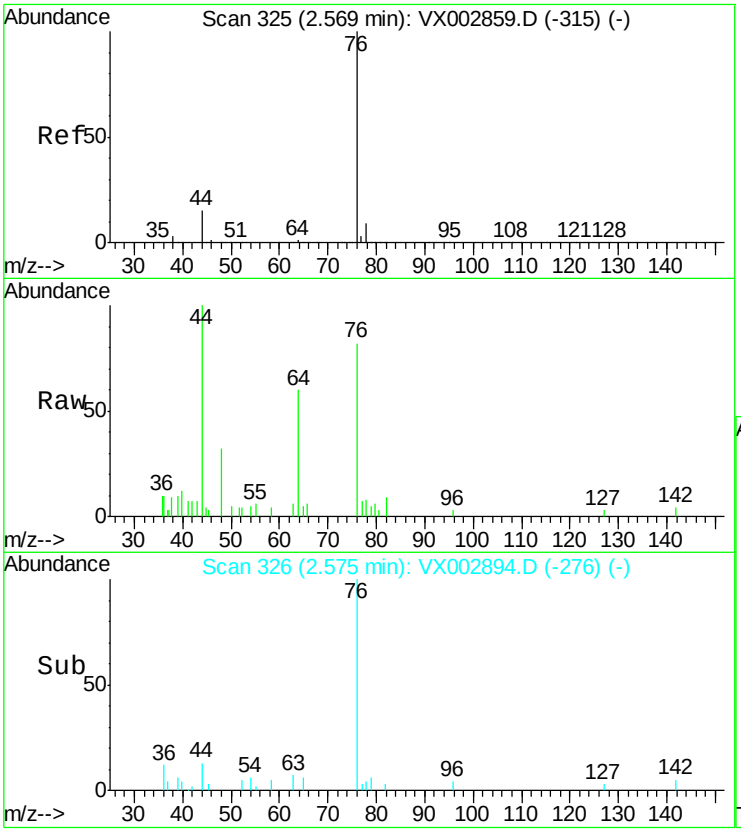


#16
Acetone
Concen: 12.82 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion: 43 Resp: 17456

Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.1	33.1



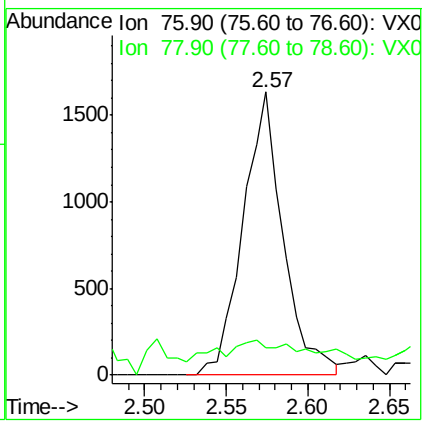


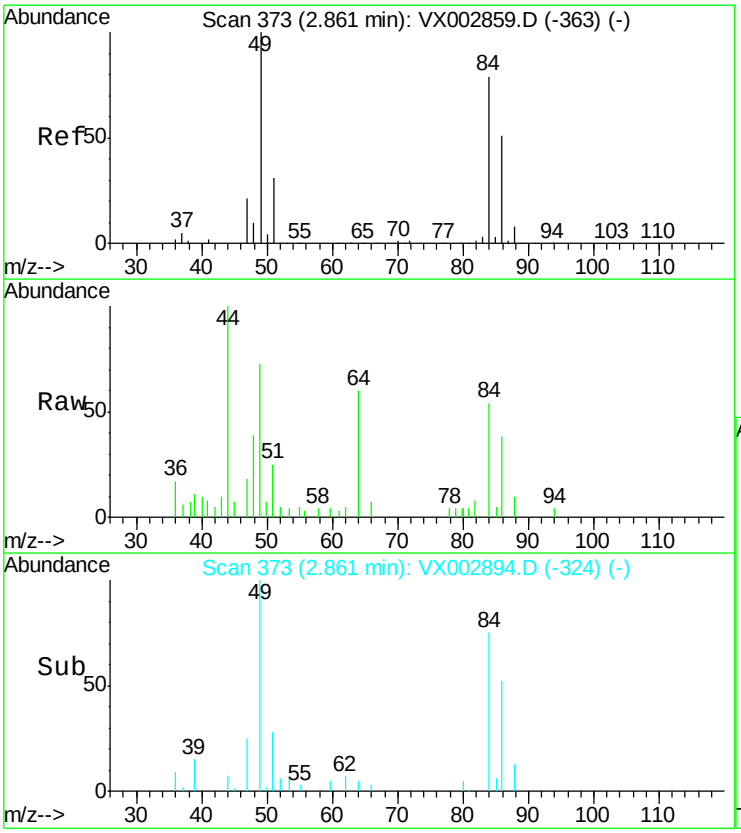
#17
Carbon Disulfide
Concen: 0.45 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 2799

Ion	Ratio	Lower	Upper
76	100		
78	5.2	6.9	10.3#

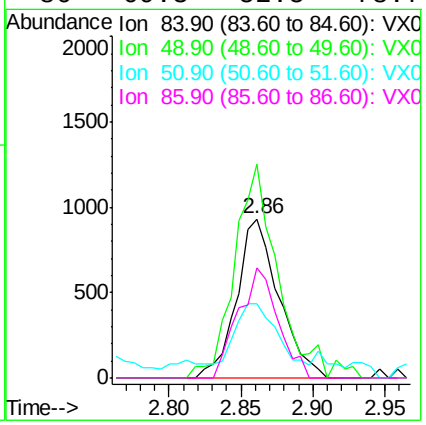


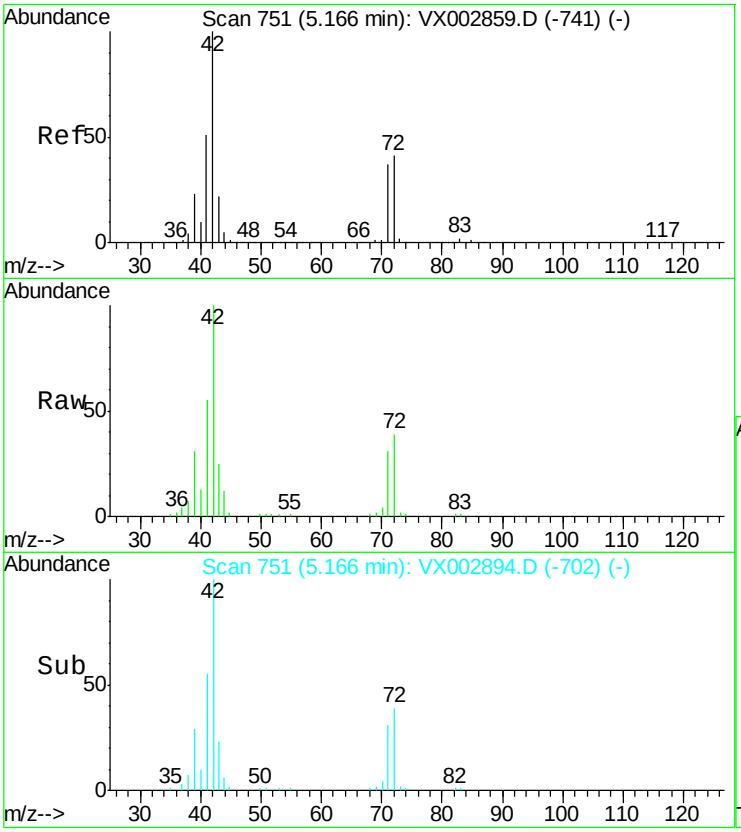


#20
Methylene Chloride
Concen: 0.71 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion: 84 Resp: 1892

Ion	Ratio	Lower	Upper
84	100		
49	134.2	107.8	161.6
51	37.7	32.8	49.2
86	69.3	52.5	78.7



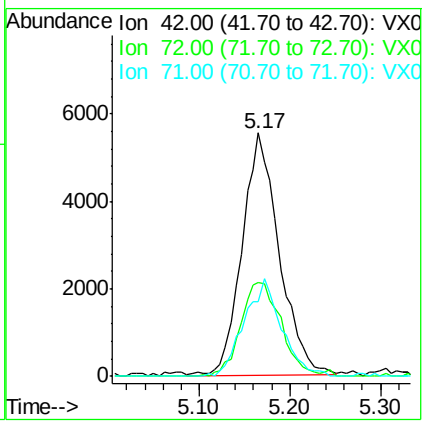


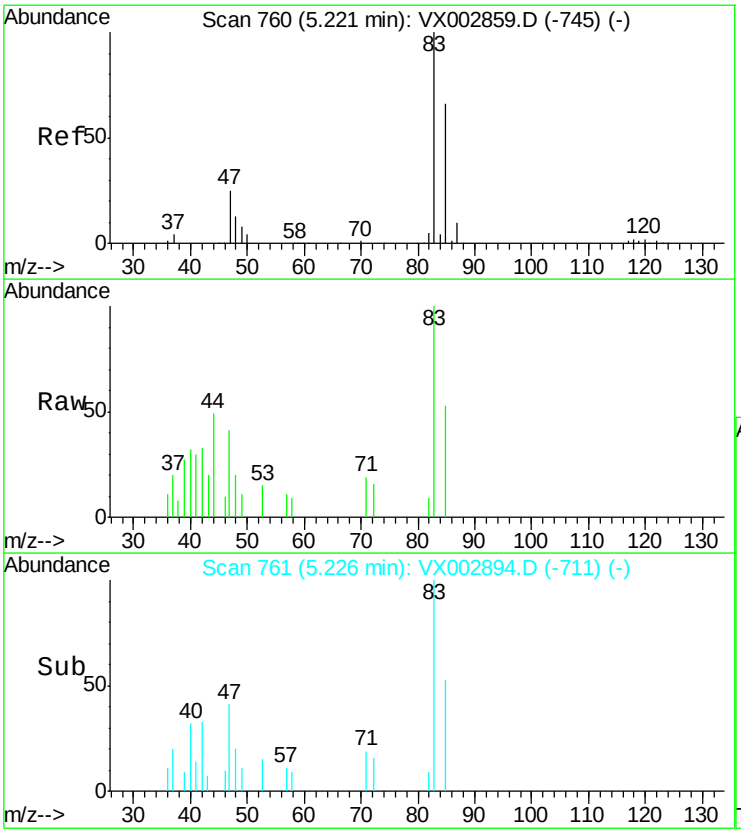
#29
Tetrahydrofuran
Concen: 12.09 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 15661

Ion	Ratio	Lower	Upper
42	100		
72	42.8	32.0	48.0
71	40.6	30.1	45.1

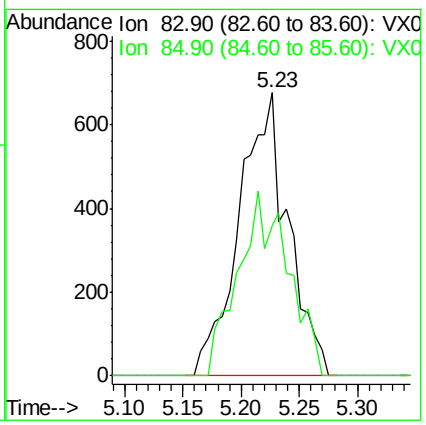


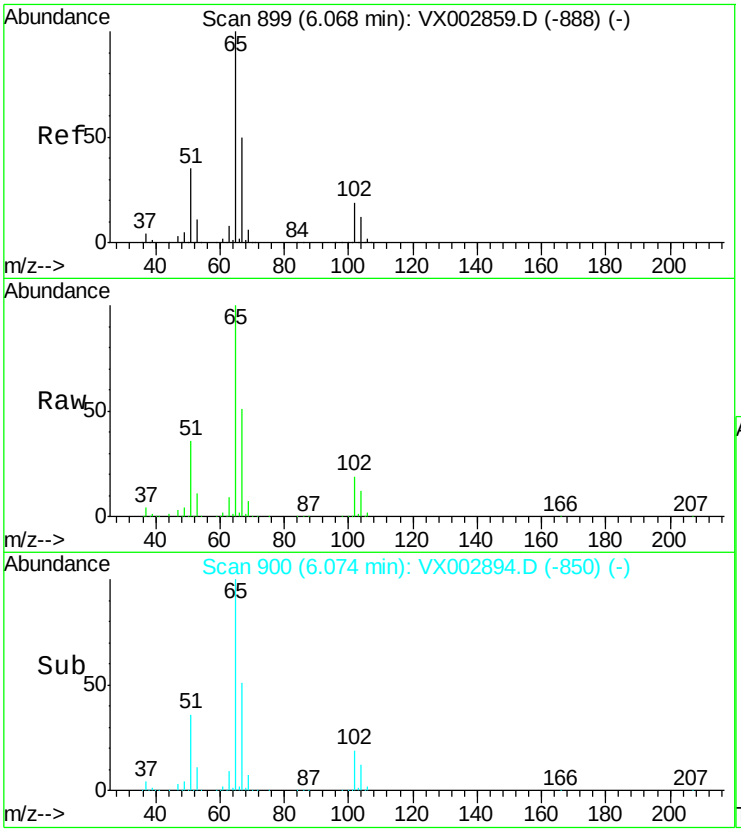


#30
Chloroform
Concen: 0.40 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion: 83 Resp: 1974

Ion	Ratio	Lower	Upper
83	100		
85	53.1	50.4	75.6



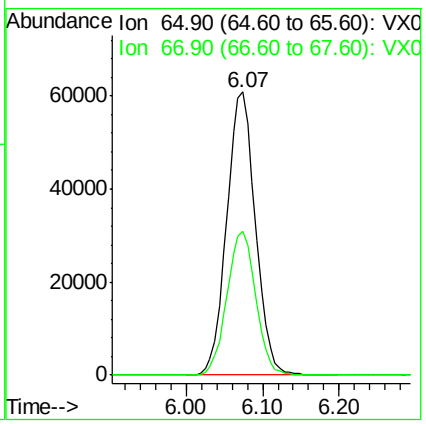


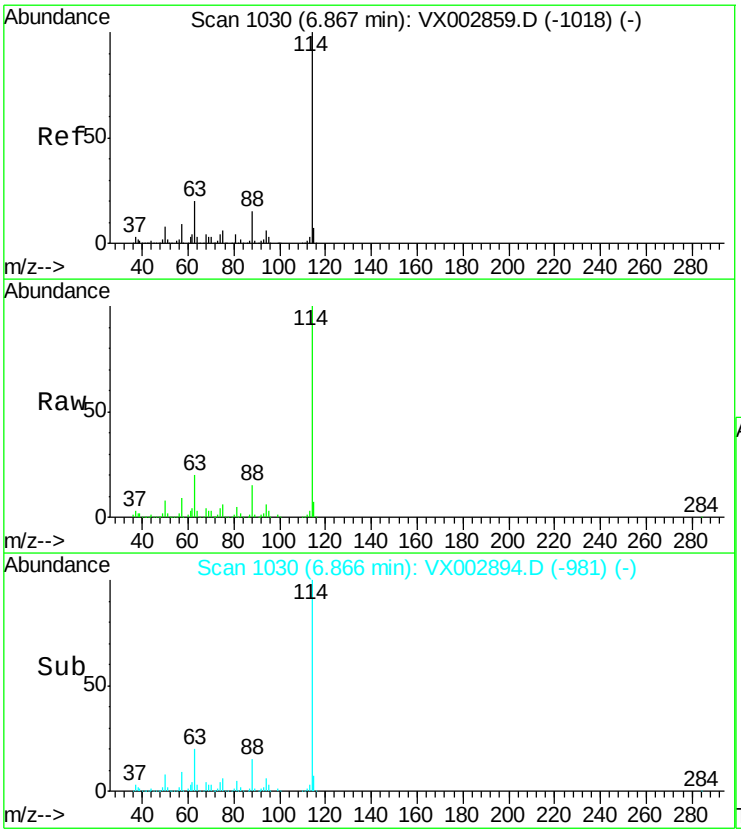
#33
1,2-Dichloroethane-d4
Concen: 47.92 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 157508

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.6

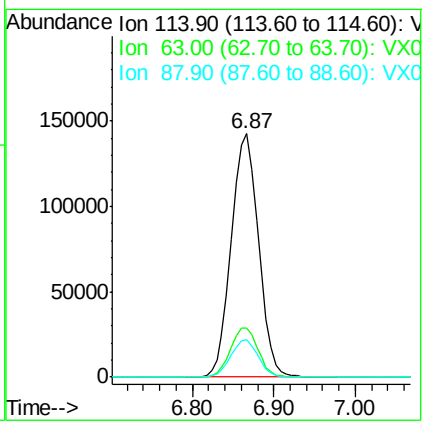


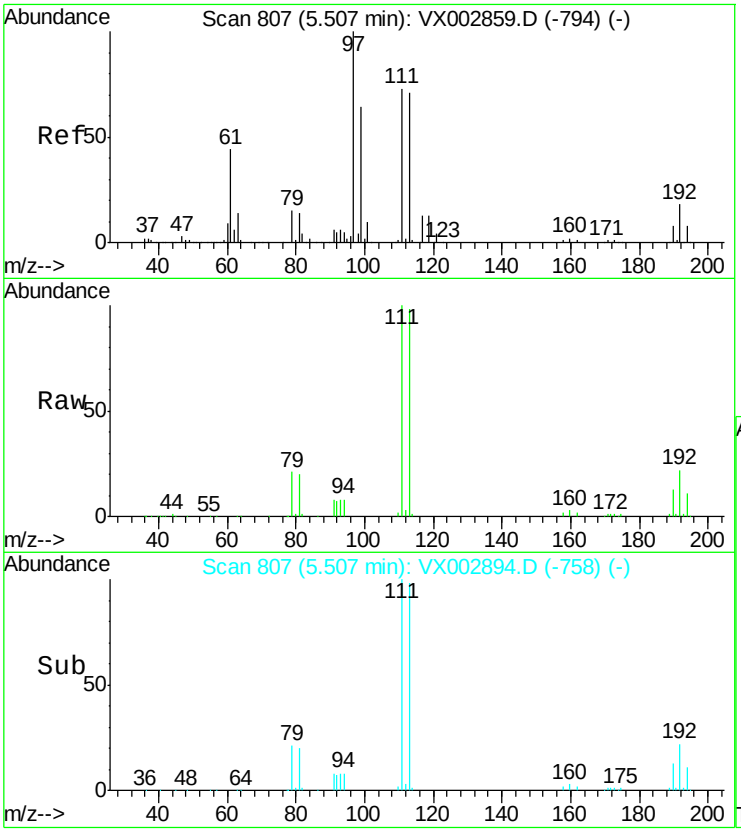


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion:114 Resp: 329215

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.4
88	15.5	0.0	30.0



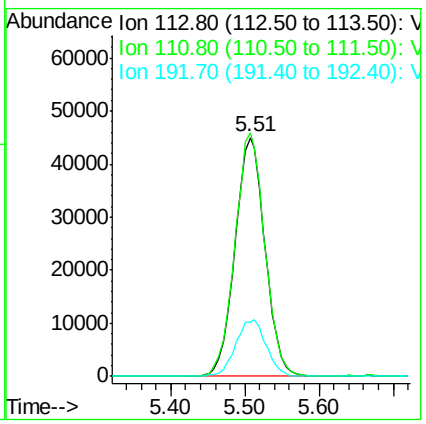


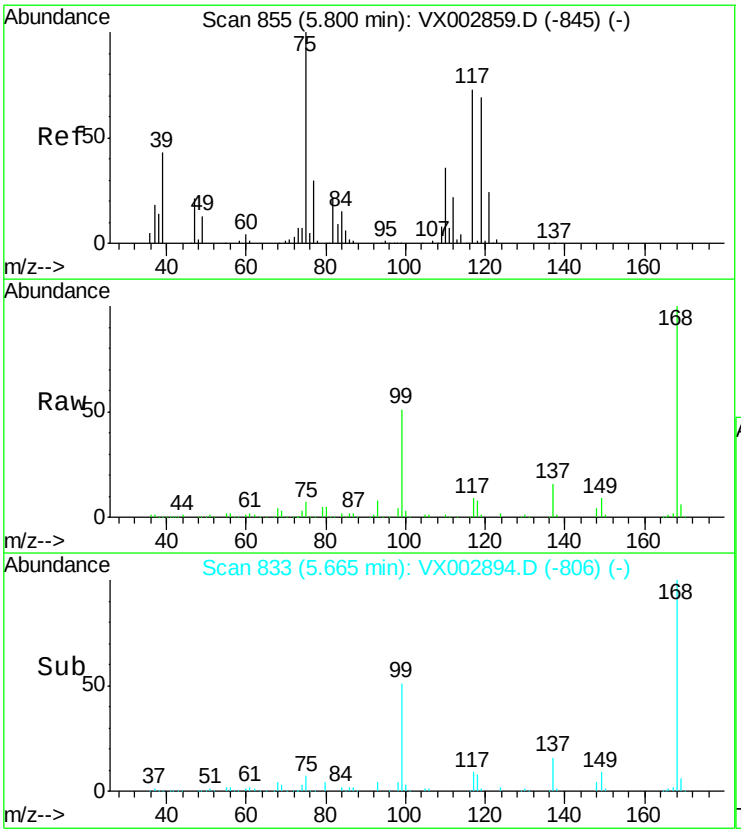
#35
Dibromofluoromethane
Concen: 48.65 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 126845

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	24.1	19.1	28.7

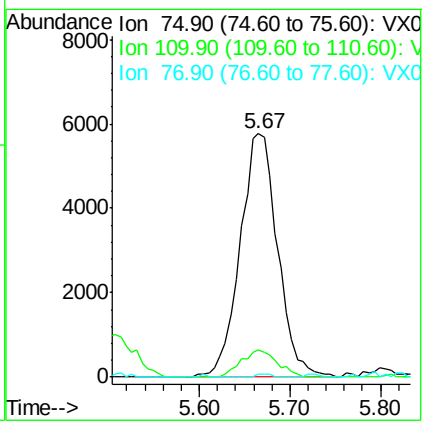


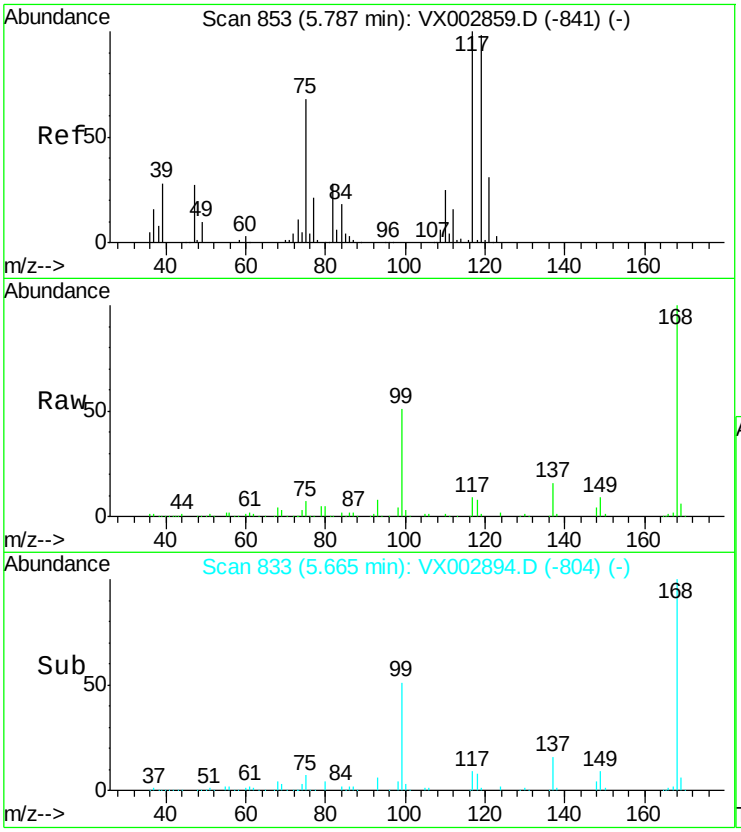


#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion: 75 Resp: 16515

Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.4#
77	0.5	24.3	36.5#



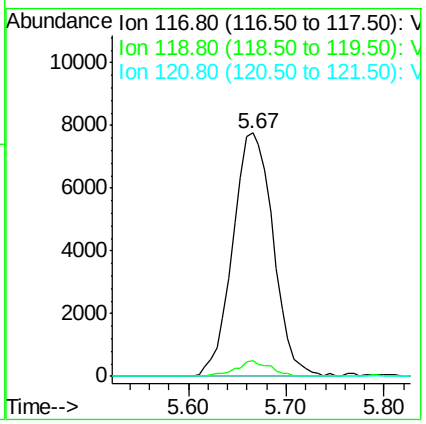


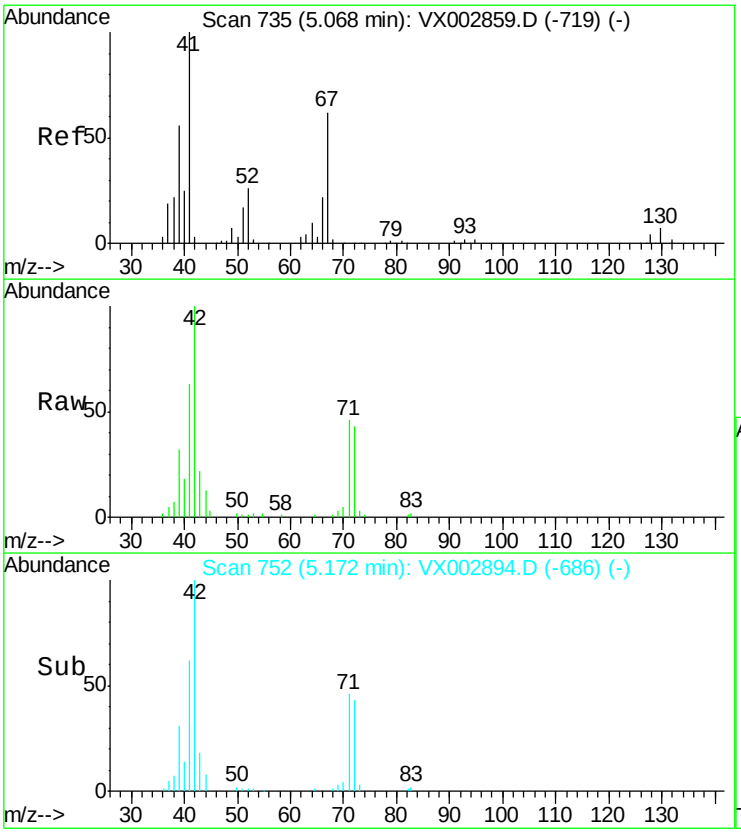
#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 22294

Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.4	116.0#
121	0.0	24.4	36.6#

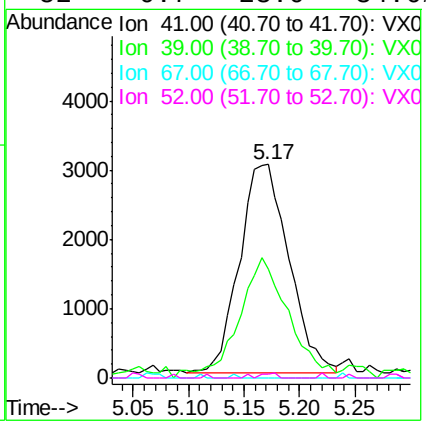


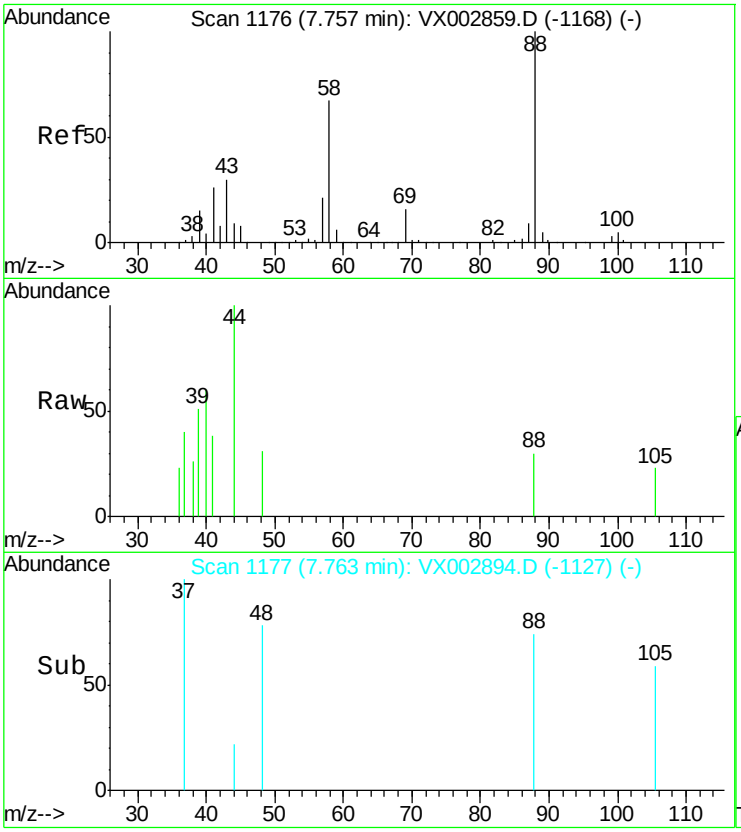


#41
Methacrylonitrile
Concen: 4.17 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.10 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion: 41 Resp: 9328

Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.8	68.6
67	0.0	51.3	76.9#
52	0.7	23.0	34.6#



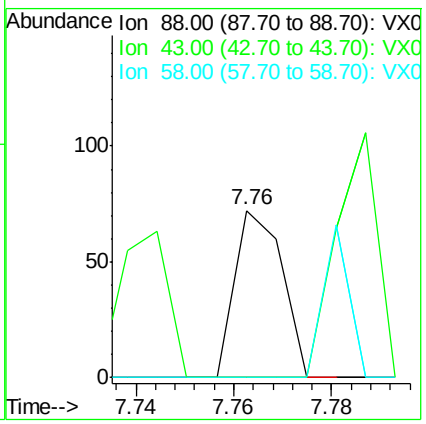


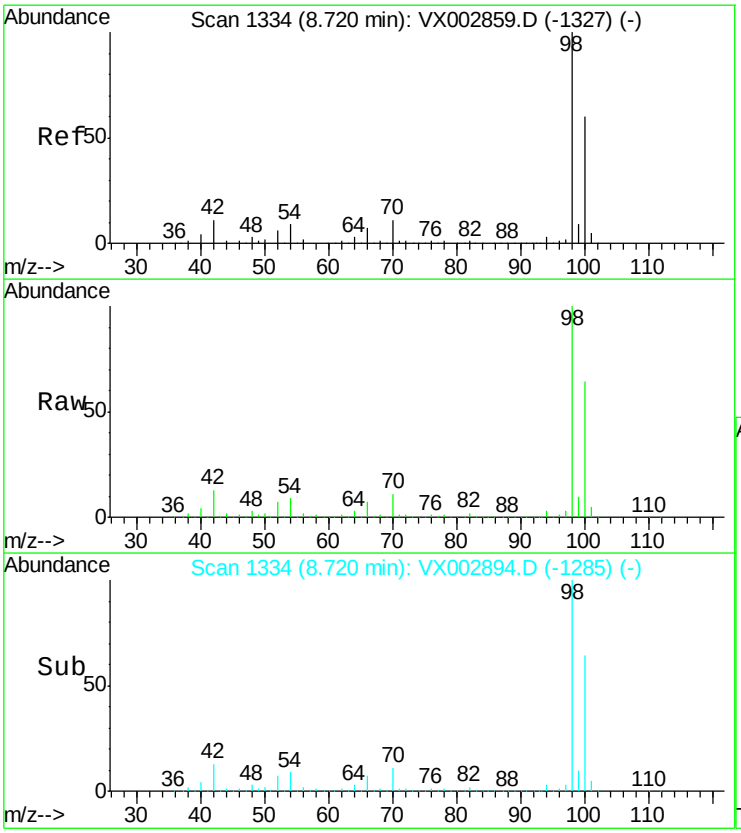
#49
1,4-Dioxane
Concen: 0.73 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 48

Ion	Ratio	Lower	Upper
88	100		
43	89.6	29.8	44.6#
58	0.0	57.1	85.7#

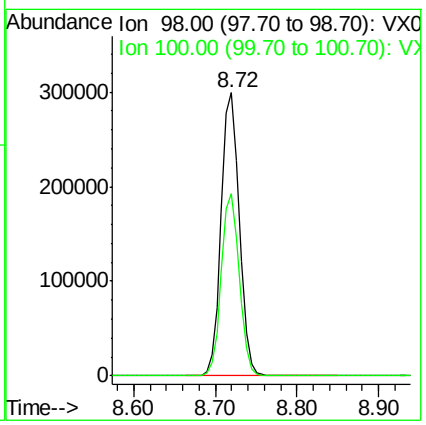


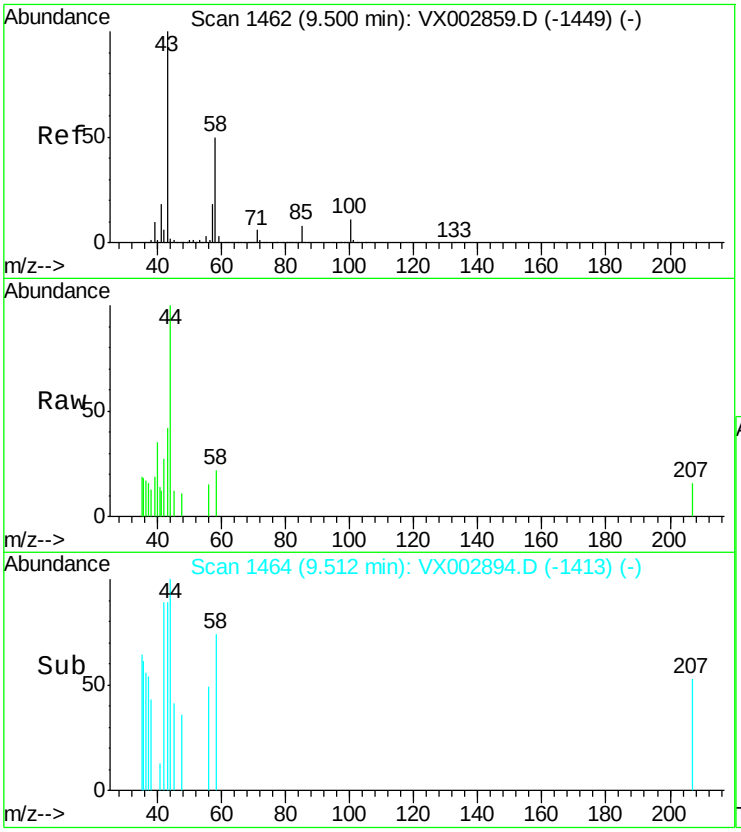


#50
Toluene-d8
Concen: 48.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion: 98 Resp: 463552

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3



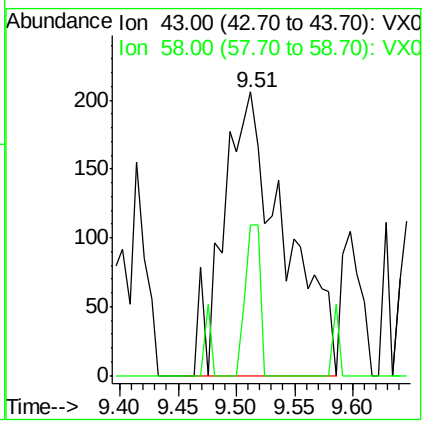


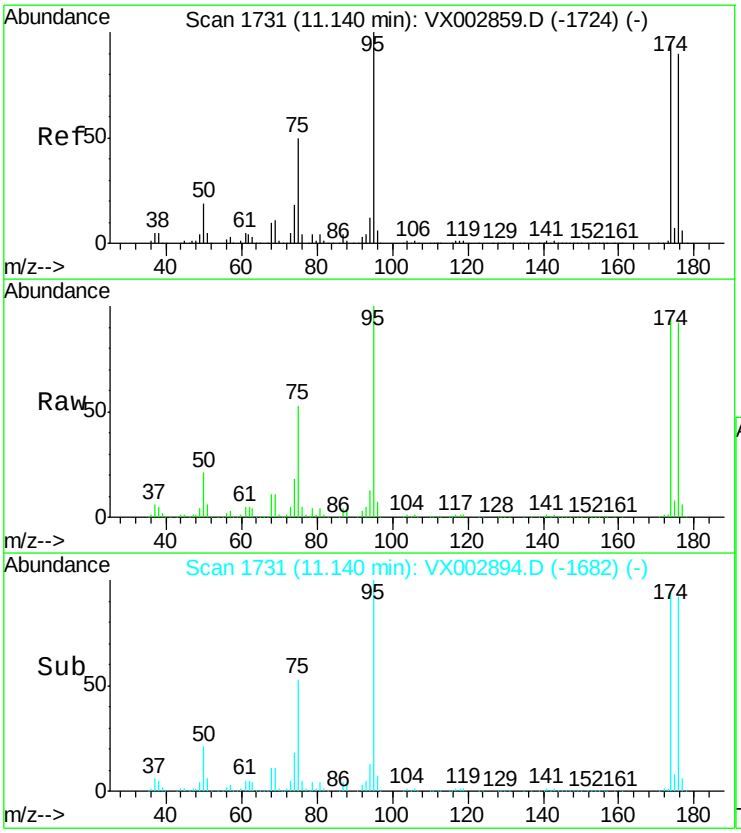
#59
2-Hexanone
Concen: 0.24 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 750

Ion	Ratio	Lower	Upper
43	100		
58	13.2	24.6	73.6#

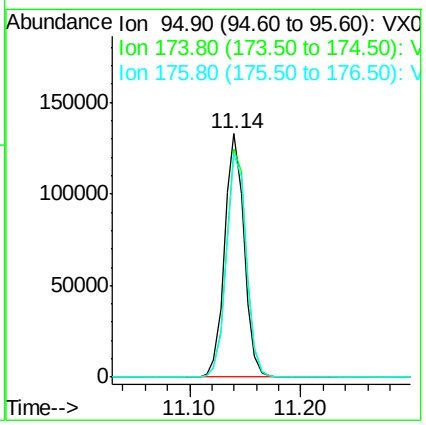


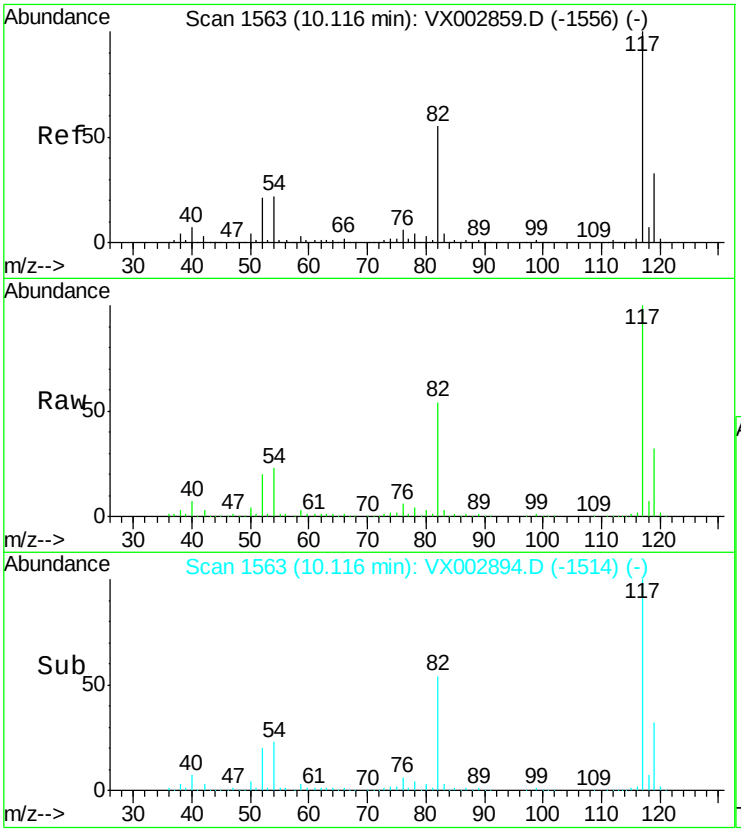


#62
4-Bromofluorobenzene
Concen: 43.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion: 95 Resp: 160274

Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	187.4
176	93.3	0.0	181.0



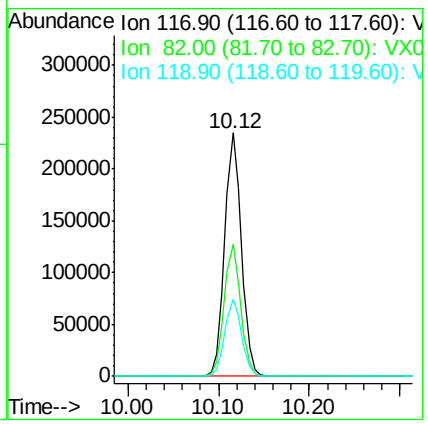


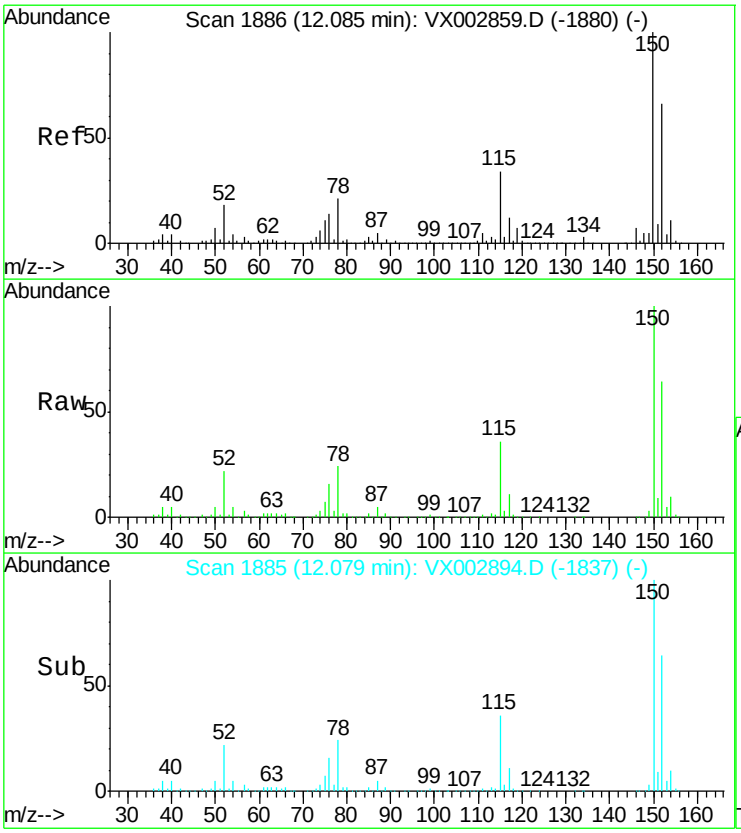
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 301804

Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.4
119	31.9	25.8	38.6

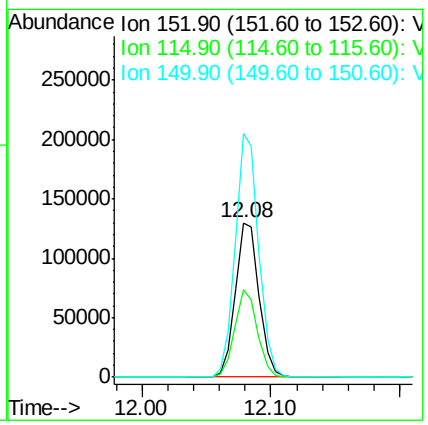


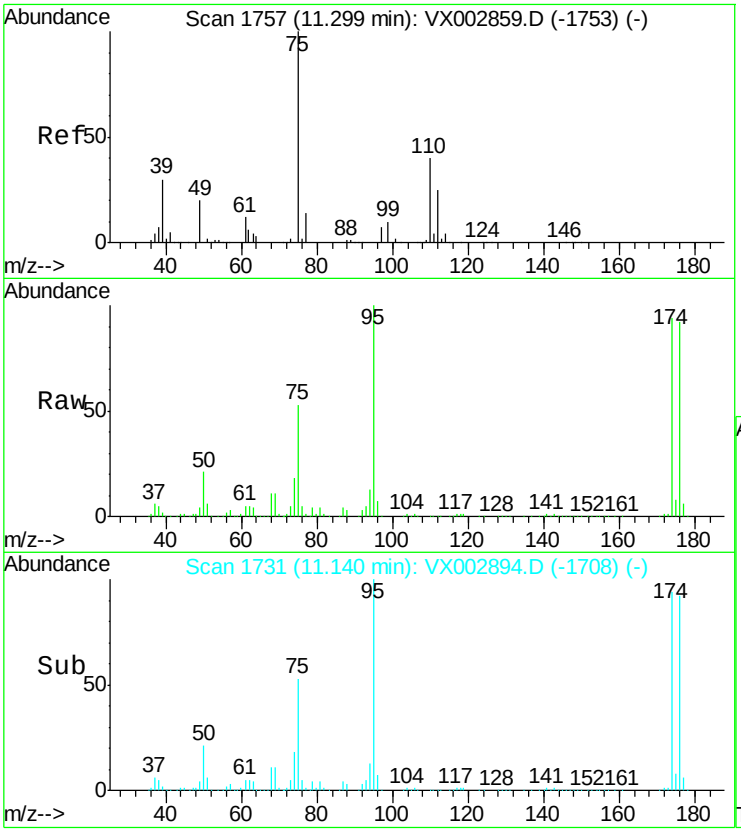


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion:152 Resp: 166325

Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.1	120.2
150	155.6	0.0	347.2



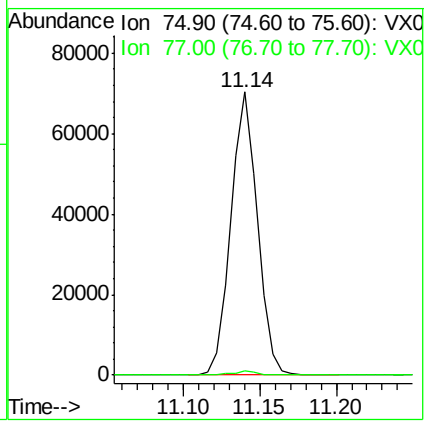


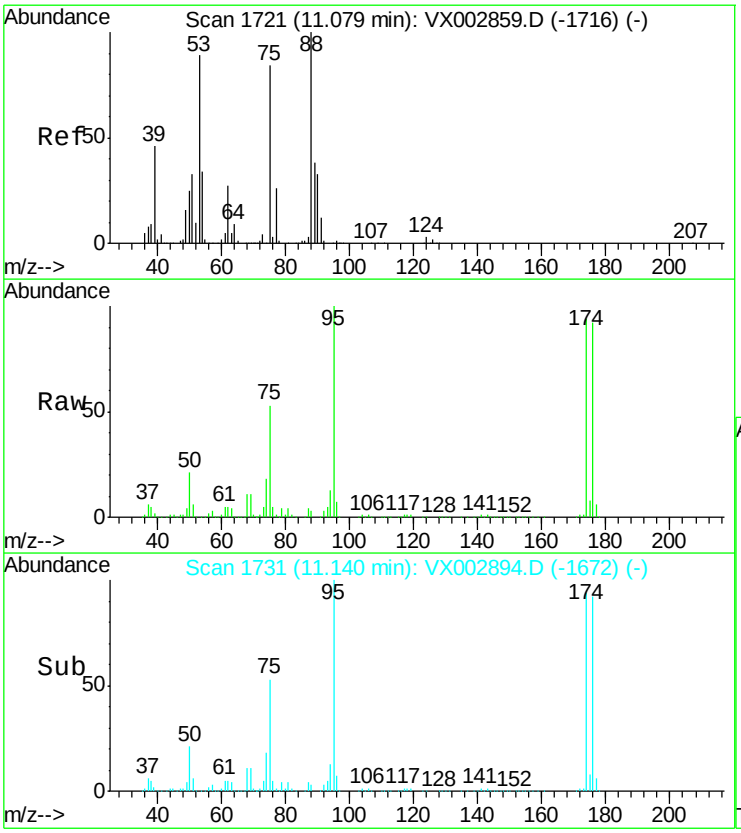
#76
1,2,3-Trichloropropane
Concen: 28.03 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 84443

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.8	68.3#

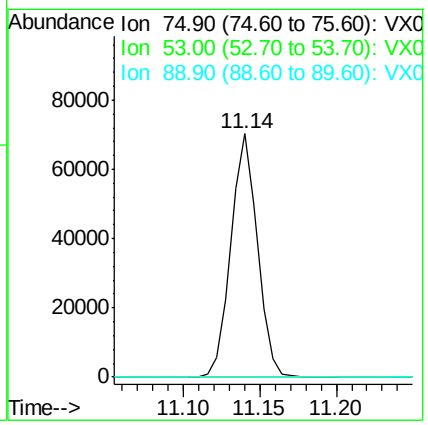


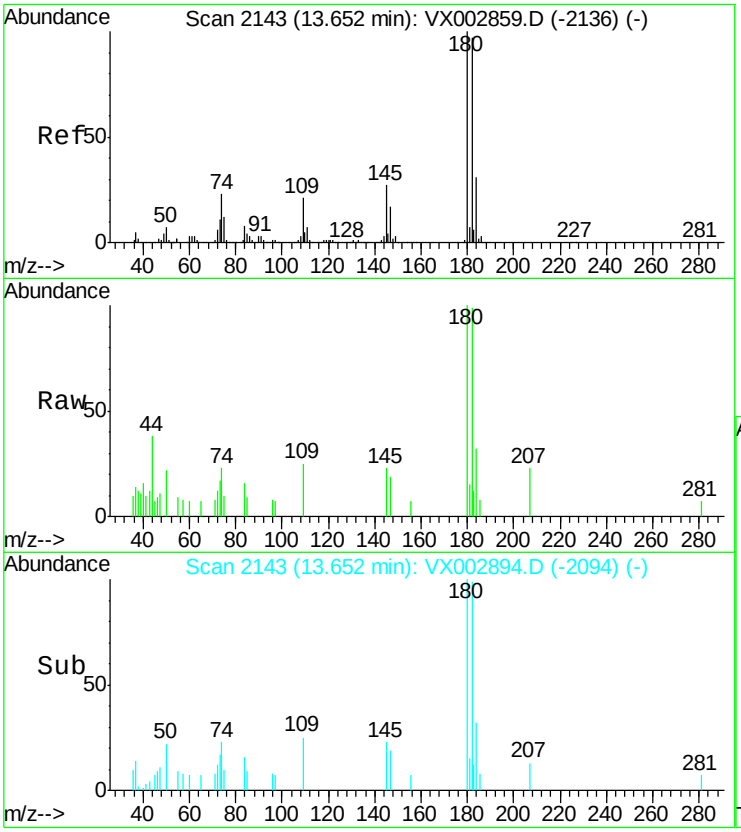


#81
trans-1,4-Dichloro-2-butene
Concen: 79.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion: 75 Resp: 84443

Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.8	130.2#
89	0.0	38.2	57.2#



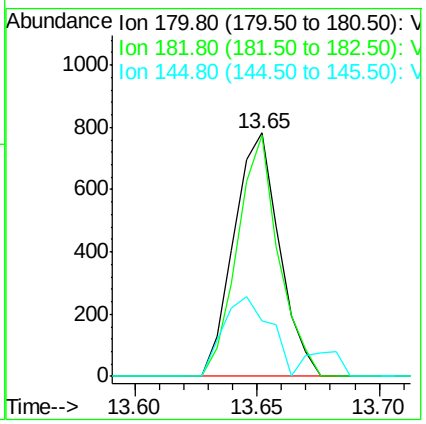


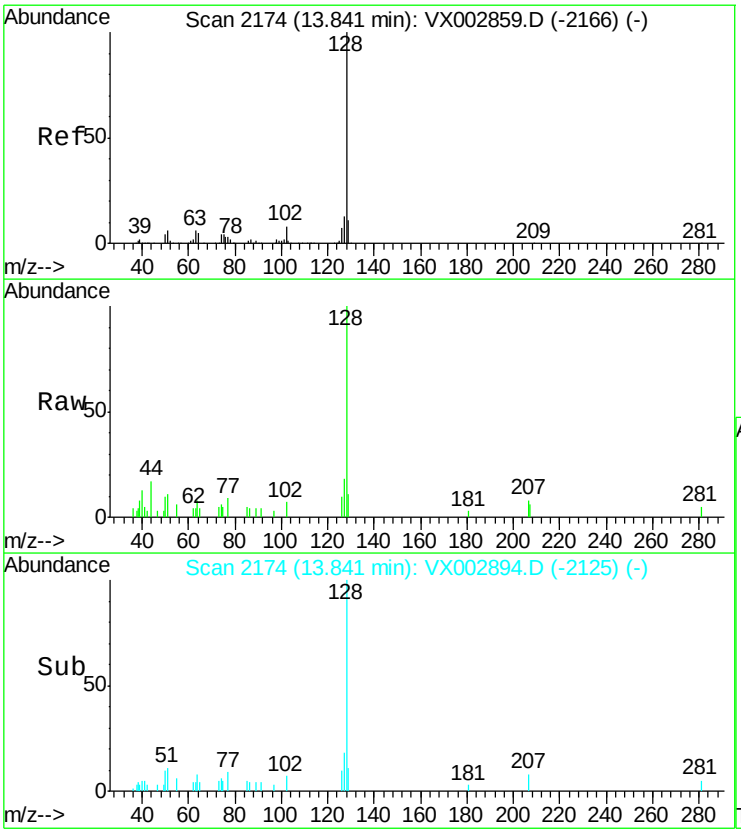
#93
1,2,4-Trichlorobenzene
Concen: 0.24 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1011

Ion	Ratio	Lower	Upper
180	100		
182	90.1	47.7	143.1
145	33.9	14.1	42.4





#95
Naphthalene
Concen: 0.21 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002894.D
Acq: 26 Jun 2018 13:15

Tgt Ion:128 Resp: 2394

Ion	Ratio	Lower	Upper
128	100		
127	18.4	10.4	15.6#
129	10.8	8.6	13.0