Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
Data File : VX002228.D
Acq On : 01 Jun 2018 22:37
Operator : JC/MD
Sample : J3151-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 02 03:23:22 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	222156	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	319841	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	287958	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	152418	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	199642	50.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.54%				
35) Dibromofluoromethane	5.51	113	143562	44.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.78%				
50) Toluene-d8	8.72	98	581016	50.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.36%				
62) 4-Bromofluorobenzene	11.14	95	193067	42.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.22%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	151	Below Cal		#	41
5) Bromomethane	1.64	94	797	Below Cal		#	74
10) Methyl Iodide	2.51	142	1409	0.38	ug/l		95
11) Tert butyl alcohol	3.02	59	1134	1.45	ug/l	#	72
12) 1,1-Dichloroethene	2.37	96	679	0.26	ug/l		86
13) Acrolein	2.28	56	125	0.37	ug/l		87
15) Acrylonitrile	3.14	53	360	0.22	ug/l	#	81
16) Acetone	2.45	43	1898	1.24	ug/l		95
18) Methyl Acetate	2.78	43	366	Below Cal		#	36
19) Methyl tert-butyl Ether	3.21	73	5010	0.51	ug/l		93
20) Methylene Chloride	2.85	84	887	Below Cal		#	62
21) trans-1,2-Dichloroethene	3.15	96	397	Below Cal		#	52
27) cis-1,2-Dichloroethene	4.60	96	5865	1.74	ug/l	#	4
28) Bromochloromethane	5.07	49	44	Below Cal		#	14
31) Cyclohexane	5.67	56	5195	0.95	ug/l	#	38
36) 1,1-Dichloropropene	5.67	75	15949	3.58	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	20721	3.99	ug/l	#	15
41) Methacrylonitrile	5.06	41	211	Below Cal		#	56
44) Trichloroethene	7.22	130	23980	6.31	ug/l		96
60) Dibromochloromethane	9.34	129	7214	1.76	ug/l	#	11
64) Tetrachloroethene	9.34	164	7949	1.93	ug/l		94
74) N-amyl acetate	6.49	43	135	Below Cal		#	59
75) 1,1,2,2-Tetrachloroethane	11.24	83	20	Below Cal		#	25
76) 1,2,3-Trichloropropane	11.14	75	105999	28.95	ug/l	#	32
79) 2-Chlorotoluene	11.43	91	215	Below Cal		#	40
81) trans-1,4-Dichloro-2-buten	11.14	75	105999	69.59	ug/l	#	10

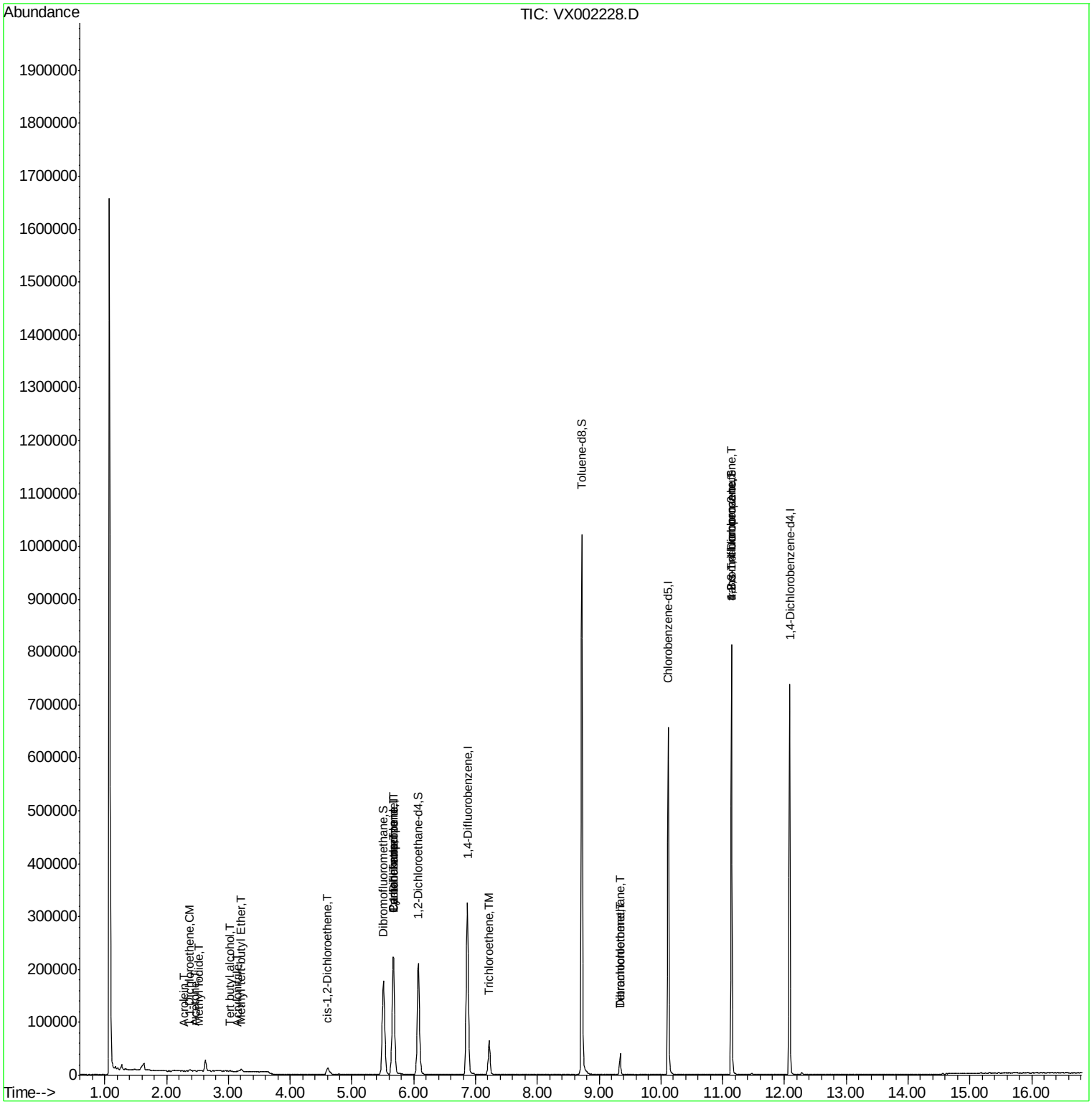
(#) = qualifier out of range (m) = manual integration (+) = signals summed

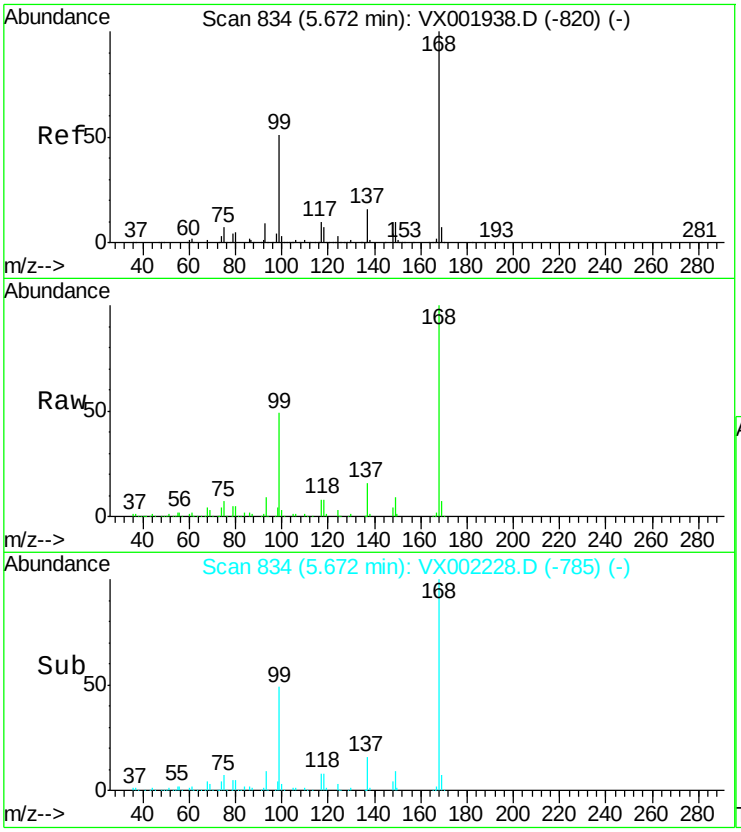
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
Data File : VX002228.D
Acq On : 01 Jun 2018 22:37
Operator : JC/MD
Sample : J3151-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 02 03:23:22 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration



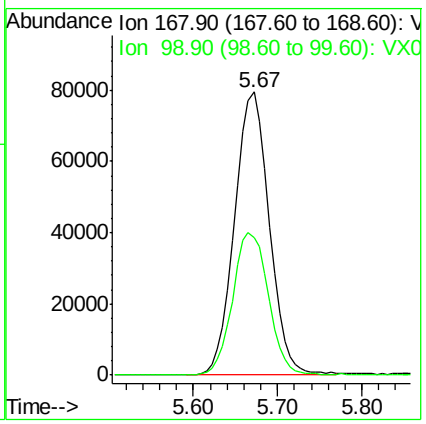


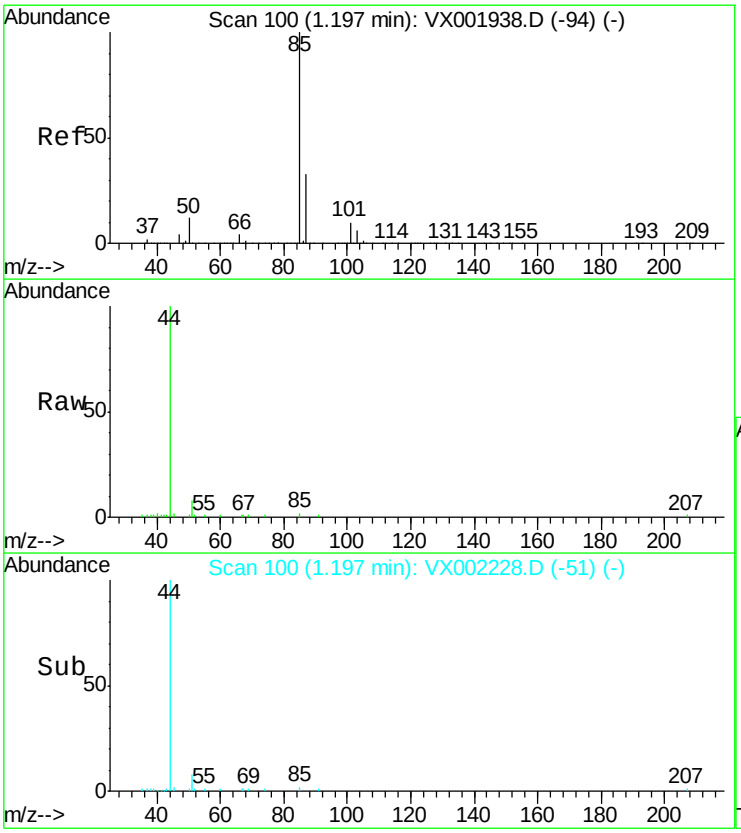
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 222156

Ion	Ratio	Lower	Upper
168	100		
99	48.6	41.0	61.4

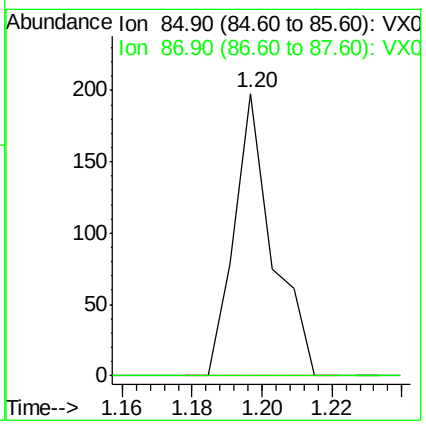


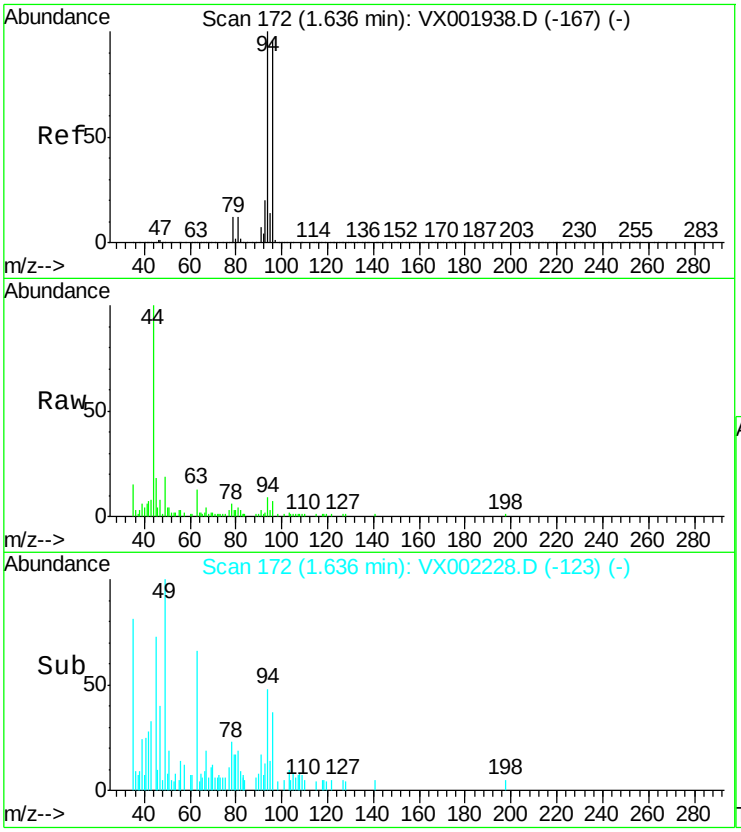


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 85 Resp: 151

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



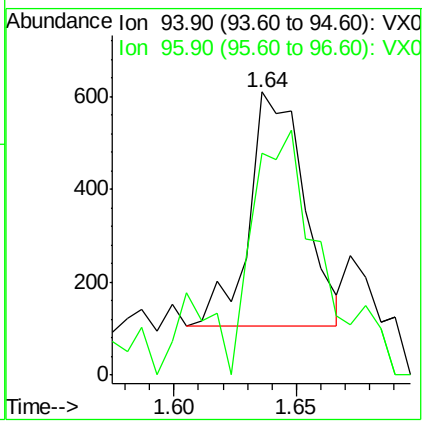


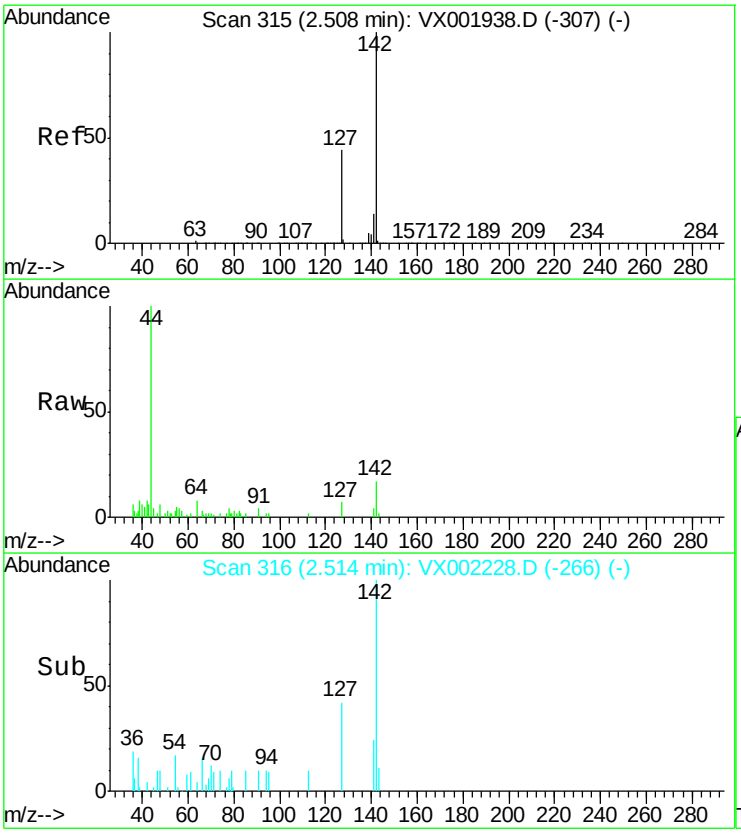
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 797

Ion	Ratio	Lower	Upper
94	100		
96	69.4	75.9	113.9#

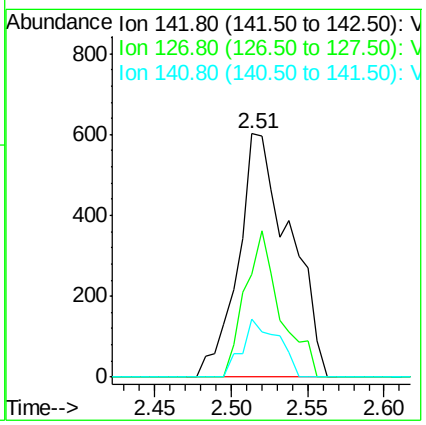


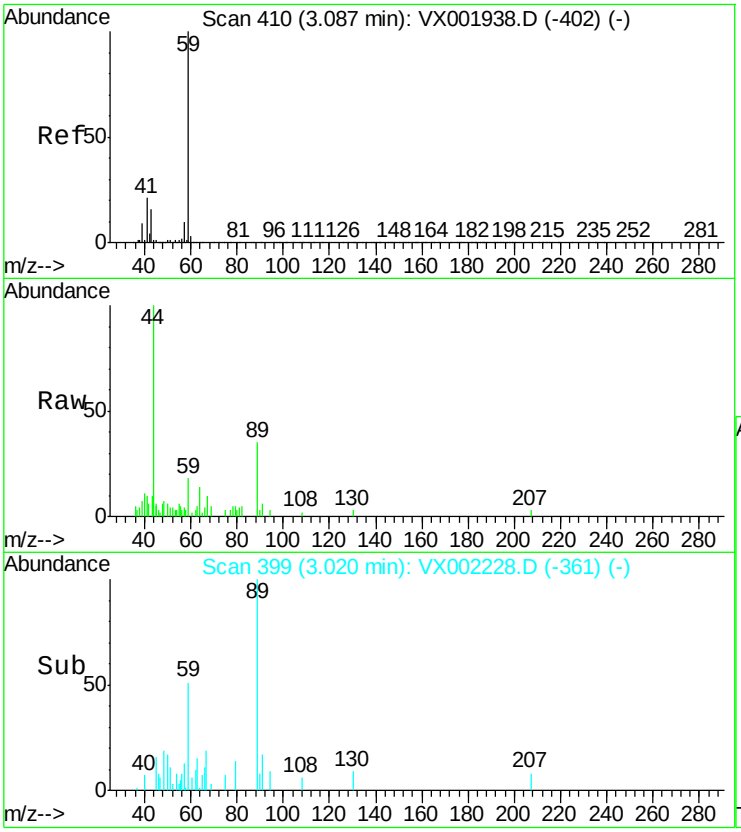


#10
Methyl Iodide
Concen: 0.38 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion:142 Resp: 1409

Ion	Ratio	Lower	Upper
142	100		
127	41.3	35.5	53.3
141	16.6	11.3	16.9



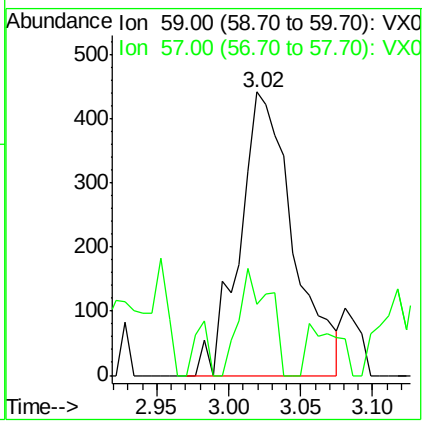


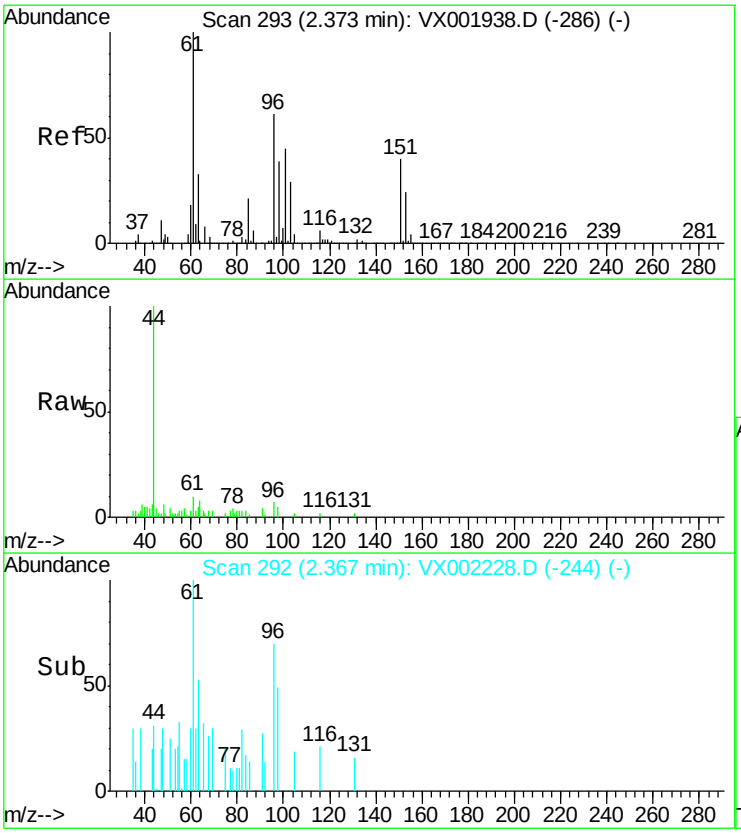
#11
Tert butyl alcohol
Concen: 1.45 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.07 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1134

Ion	Ratio	Lower	Upper
59	100		
57	21.6	8.9	13.3#

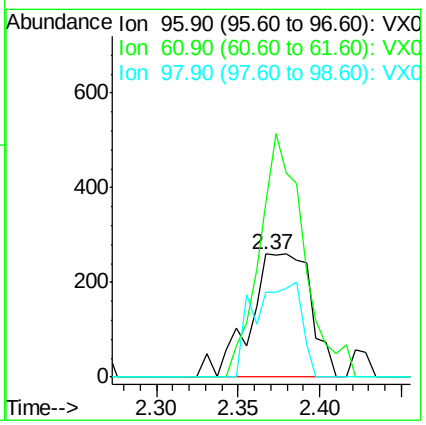


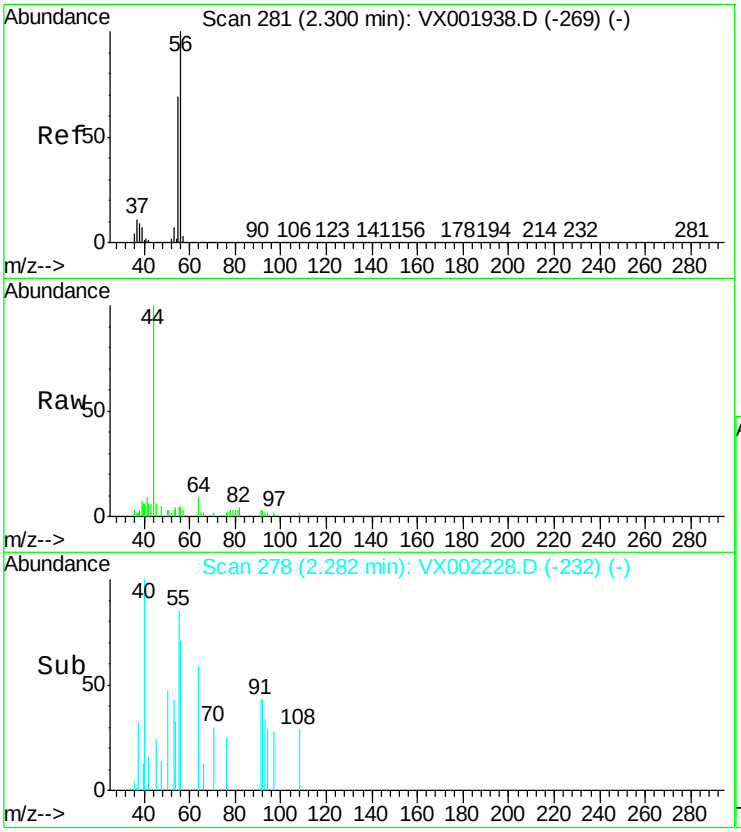


#12
1,1-Dichloroethene
Concen: 0.26 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 96 Resp: 679

Ion	Ratio	Lower	Upper
96	100		
61	141.9	131.7	197.5
98	68.8	51.6	77.4



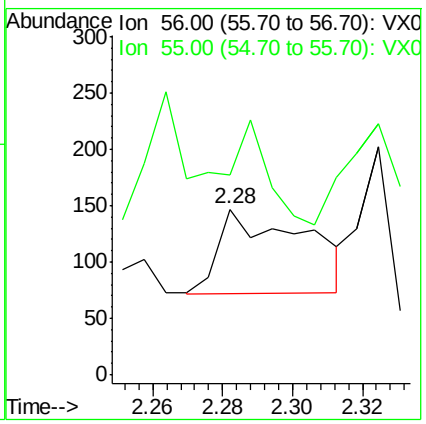


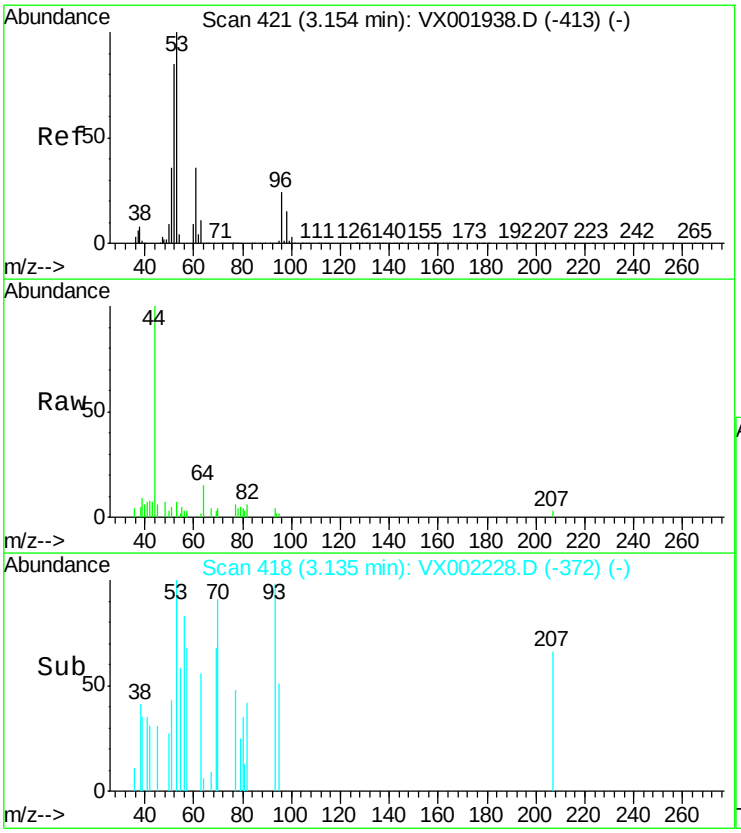
#13
Acrolein
Concen: 0.37 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.02 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 125

Ion	Ratio	Lower	Upper
56	100		
55	60.0	56.8	85.2

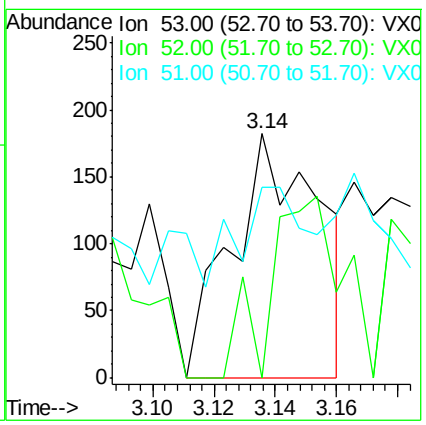


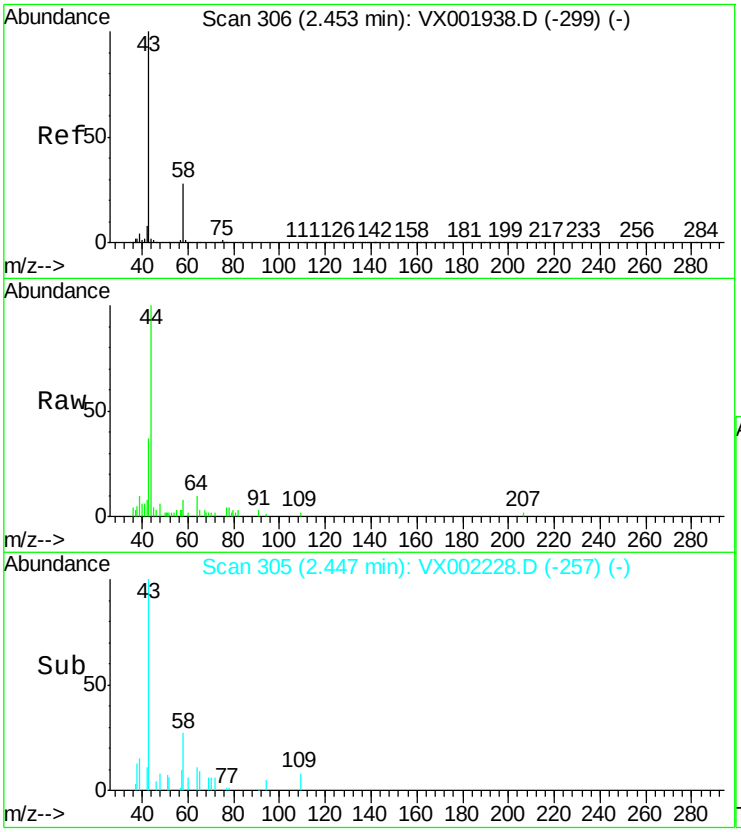


#15
Acrylonitrile
Concen: 0.22 ug/l
RT: 3.14 min Scan# 418
Delta R.T. -0.02 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 53 Resp: 360

Ion	Ratio	Lower	Upper
53	100		
52	61.9	66.4	99.6#
51	30.6	29.3	43.9



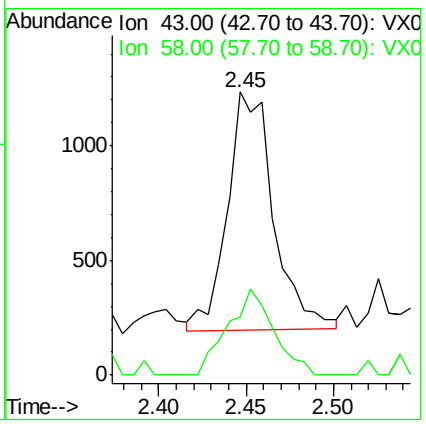


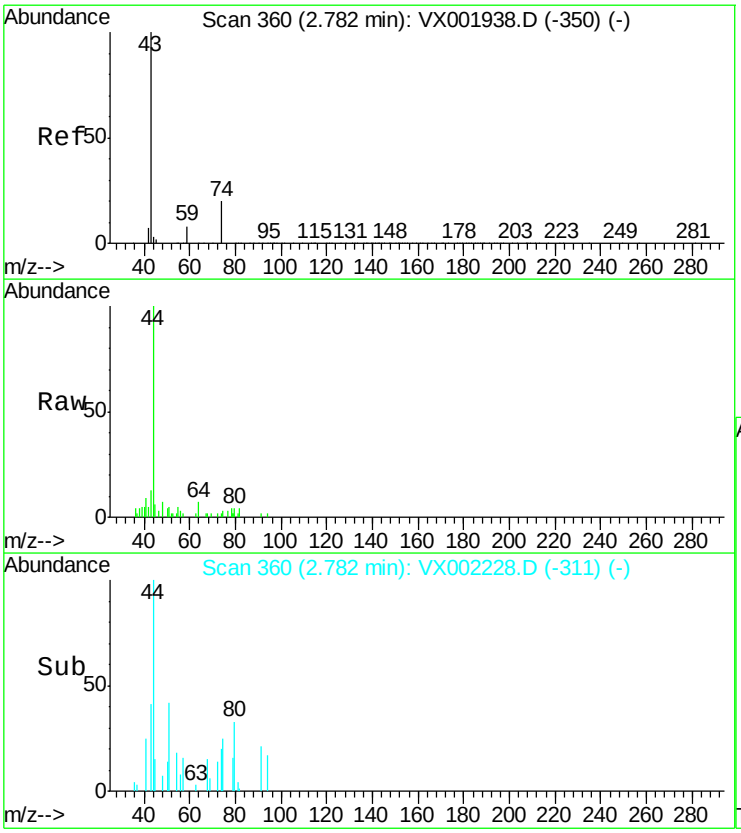
#16
Acetone
Concen: 1.24 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1898

Ion	Ratio	Lower	Upper
43	100		
58	25.4	22.3	33.5

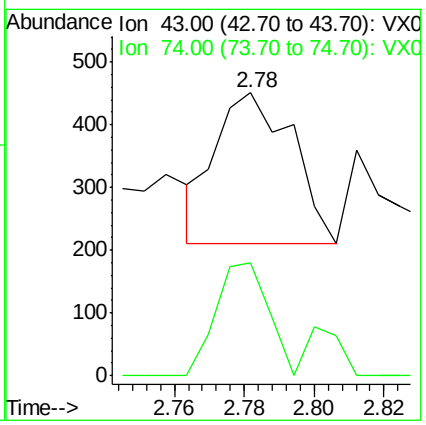


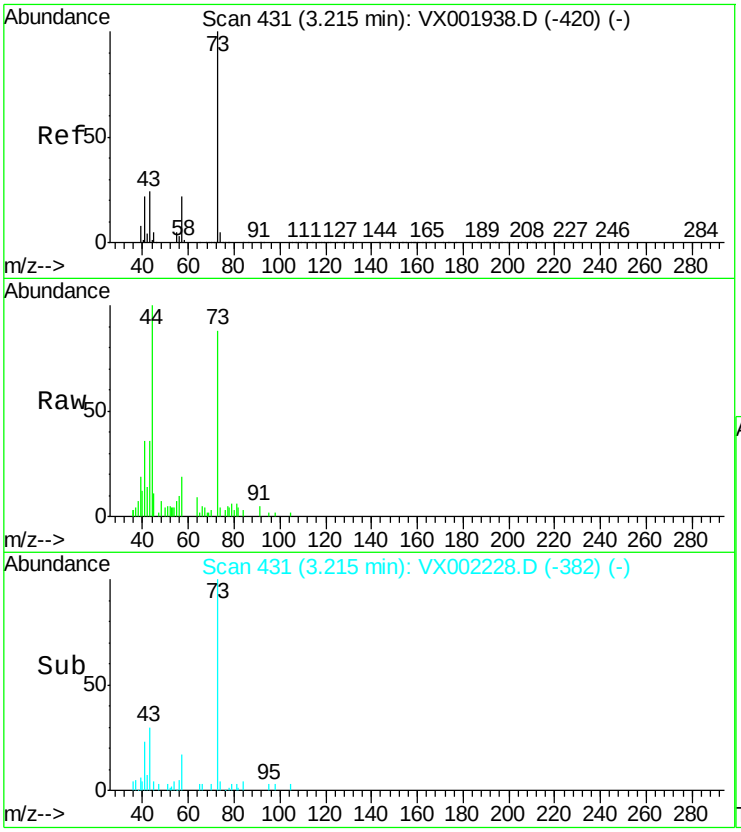


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 43 Resp: 366

Ion	Ratio	Lower	Upper
43	100		
74	51.1	16.8	25.2#



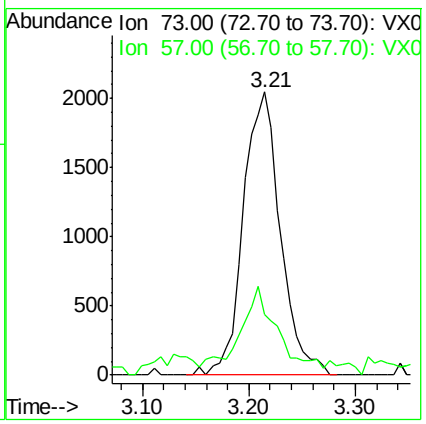


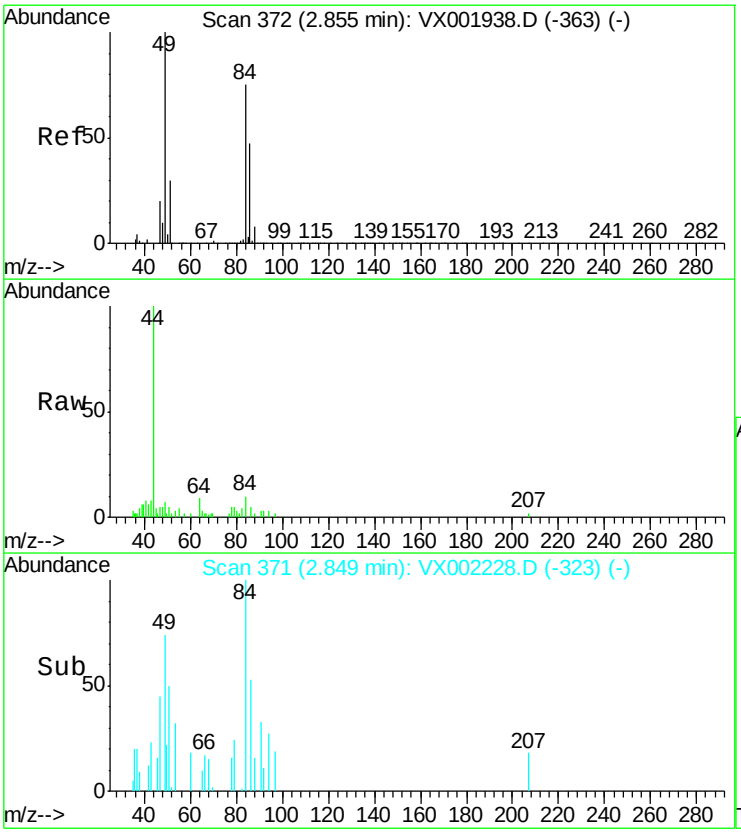
#19
Methyl tert-butyl Ether
Concen: 0.51 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 5010

Ion	Ratio	Lower	Upper
73	100		
57	18.2	17.4	26.0

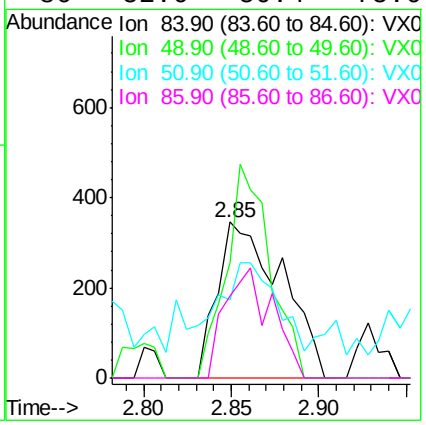


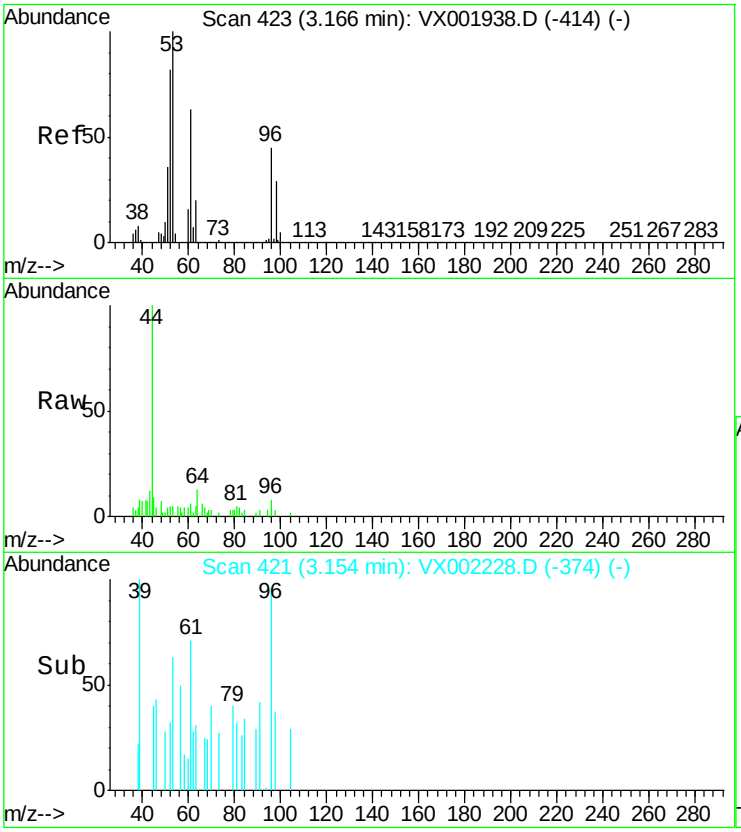


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 84 Resp: 887

Ion	Ratio	Lower	Upper
84	100		
49	74.3	107.2	160.8#
51	18.8	32.4	48.6#
86	52.6	50.4	75.6



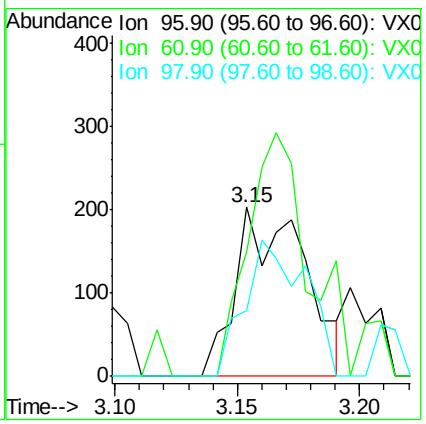


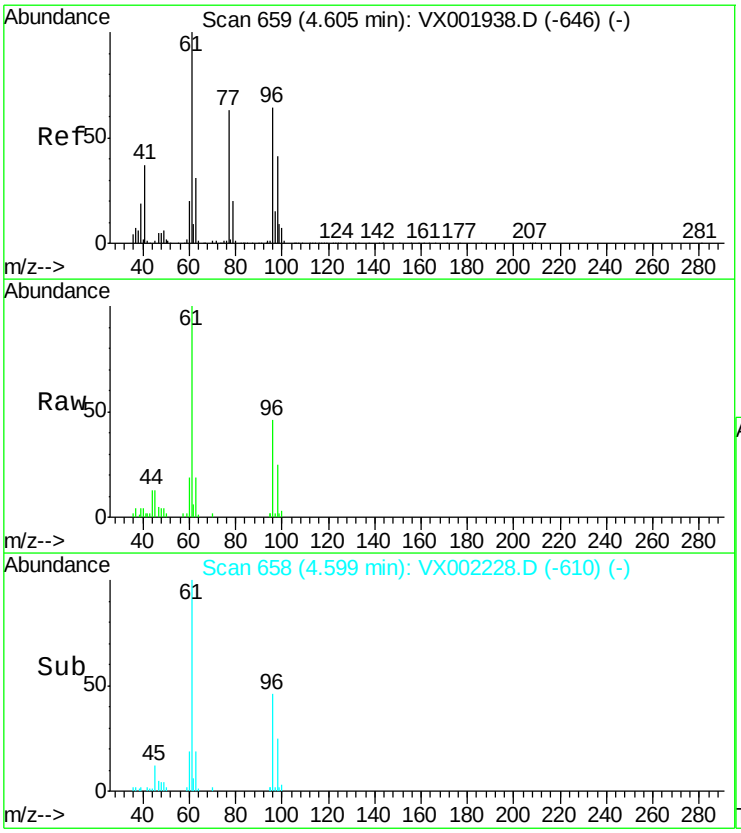
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 397

Ion	Ratio	Lower	Upper
96	100		
61	73.9	113.3	169.9#
98	38.4	51.7	77.5#

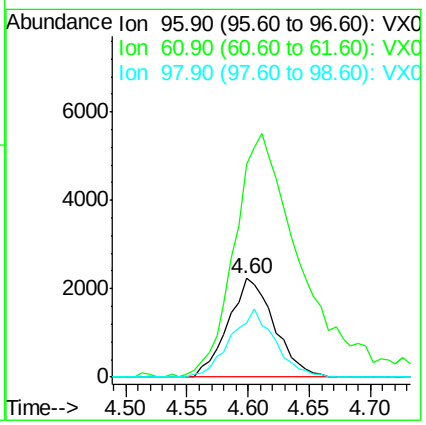


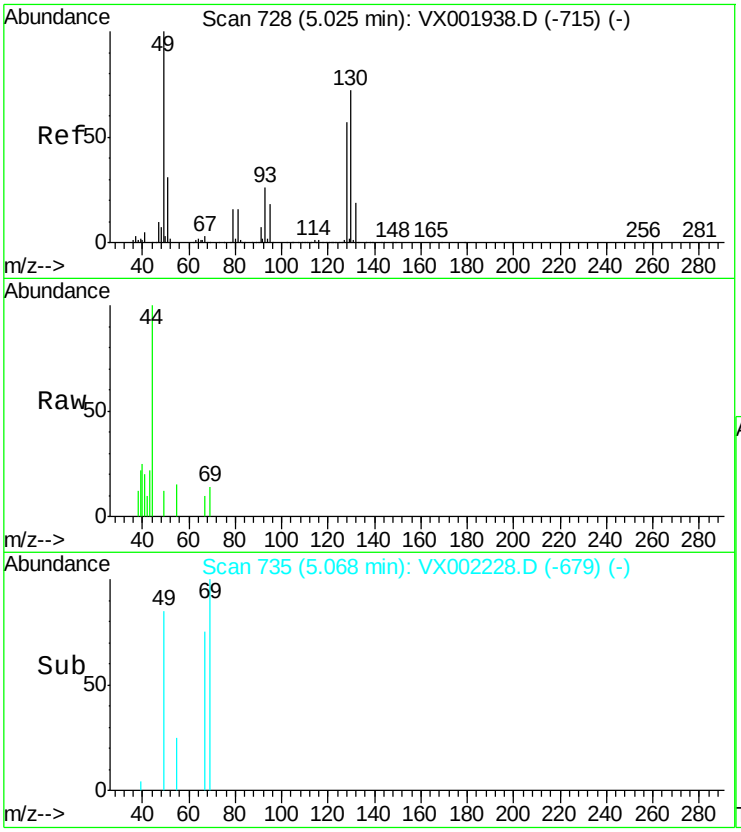


#27
cis-1,2-Dichloroethene
Concen: 1.74 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 96 Resp: 5865

Ion	Ratio	Lower	Upper
96	100		
61	355.0	0.0	348.4#
98	66.3	0.0	128.6



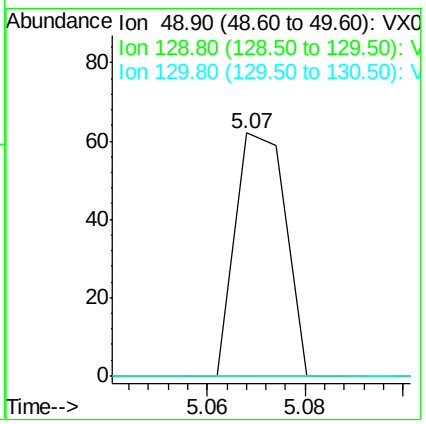


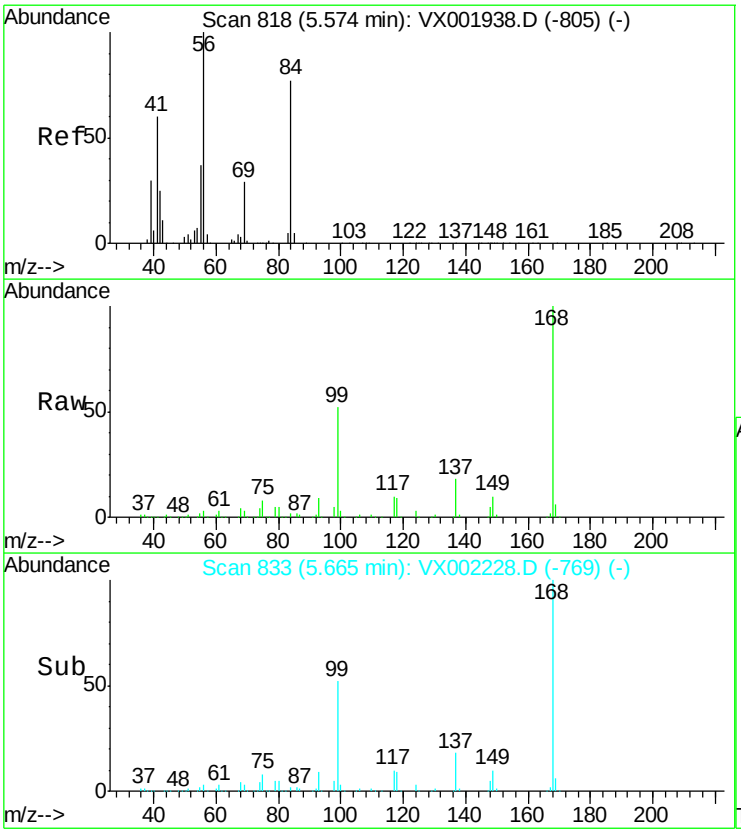
#28
Bromochloromethane
Concen: Below Cal
RT: 5.07 min Scan# 735
Delta R.T. 0.04 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 44

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2#

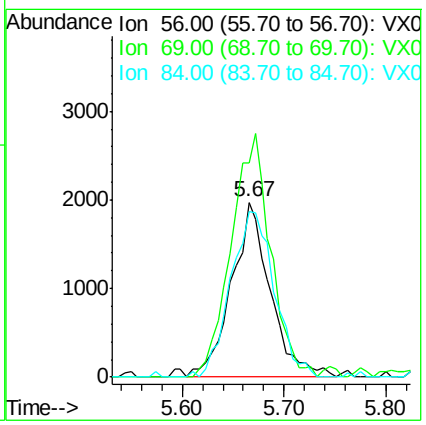


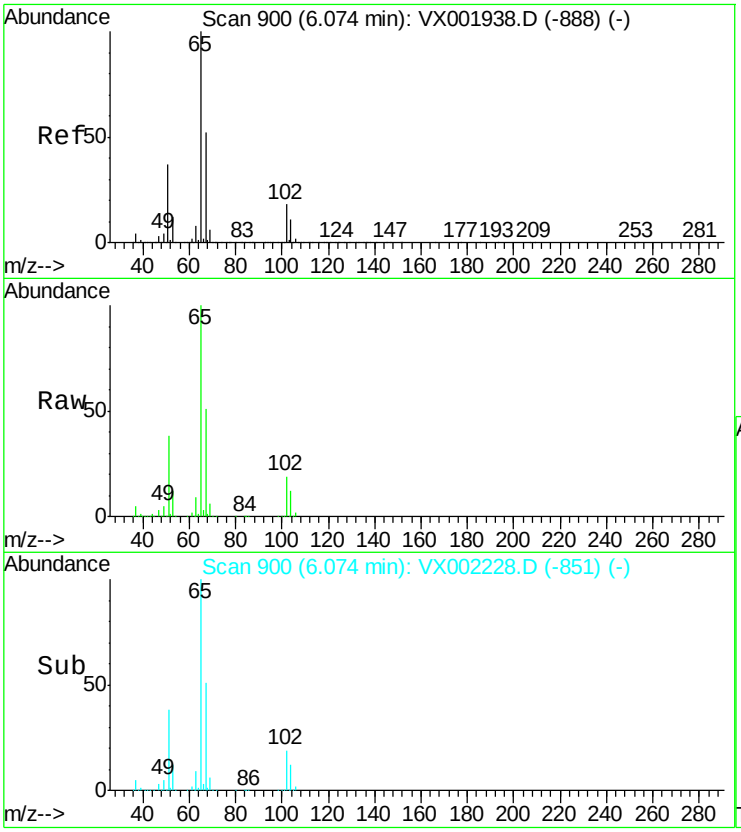


#31
Cyclohexane
Concen: 0.95 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 56 Resp: 5195

Ion	Ratio	Lower	Upper
56	100		
69	122.4	23.1	34.7#
84	94.6	62.0	93.0#



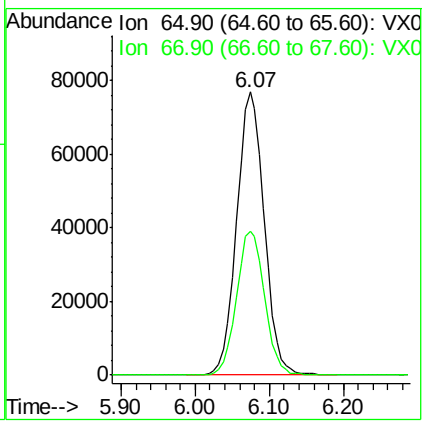


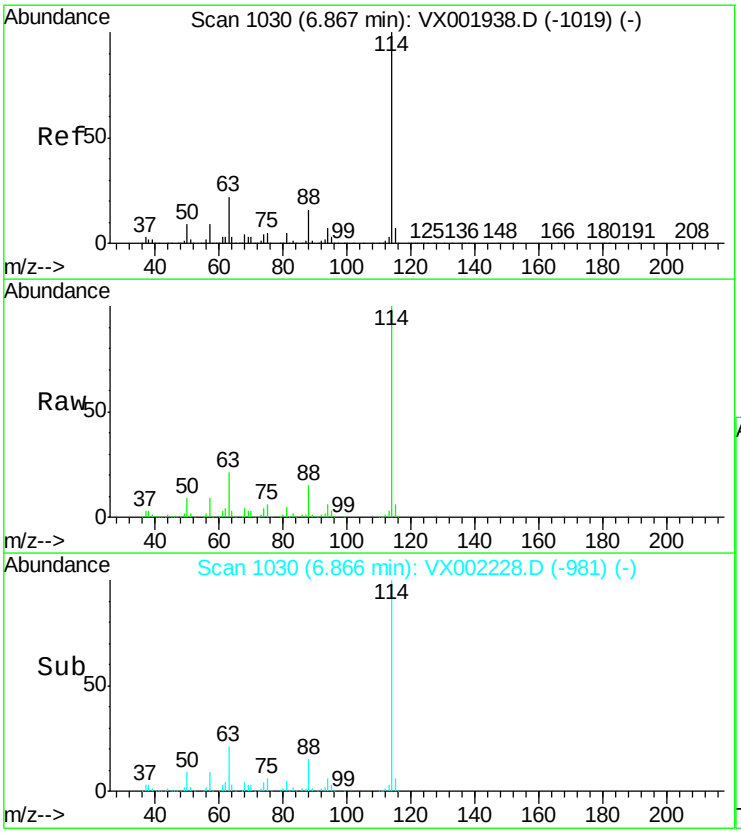
#33
1,2-Dichloroethane-d4
Concen: 50.27 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 199642

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.0

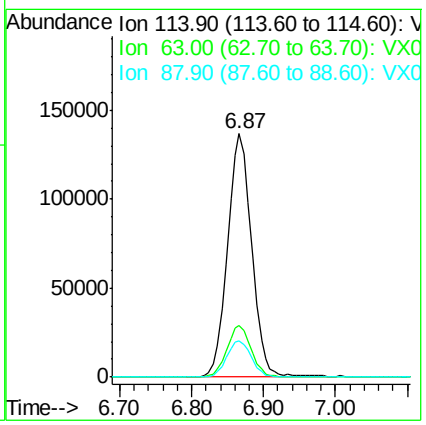


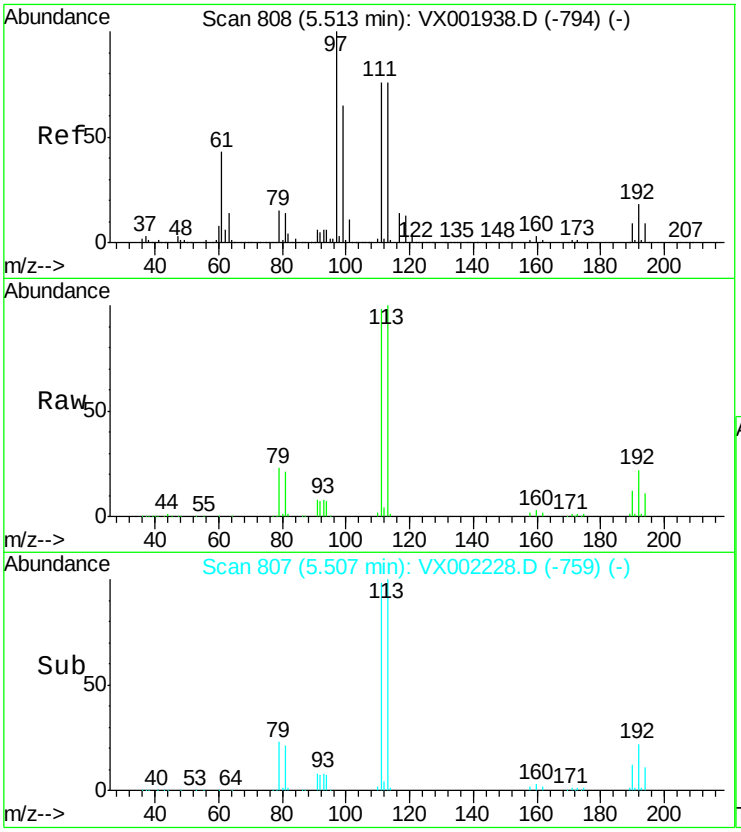


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion:114 Resp: 319841

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	15.1	0.0	31.6



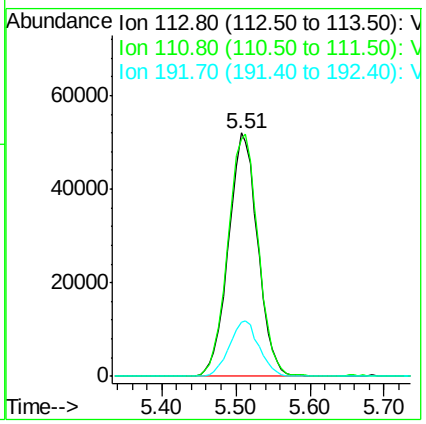


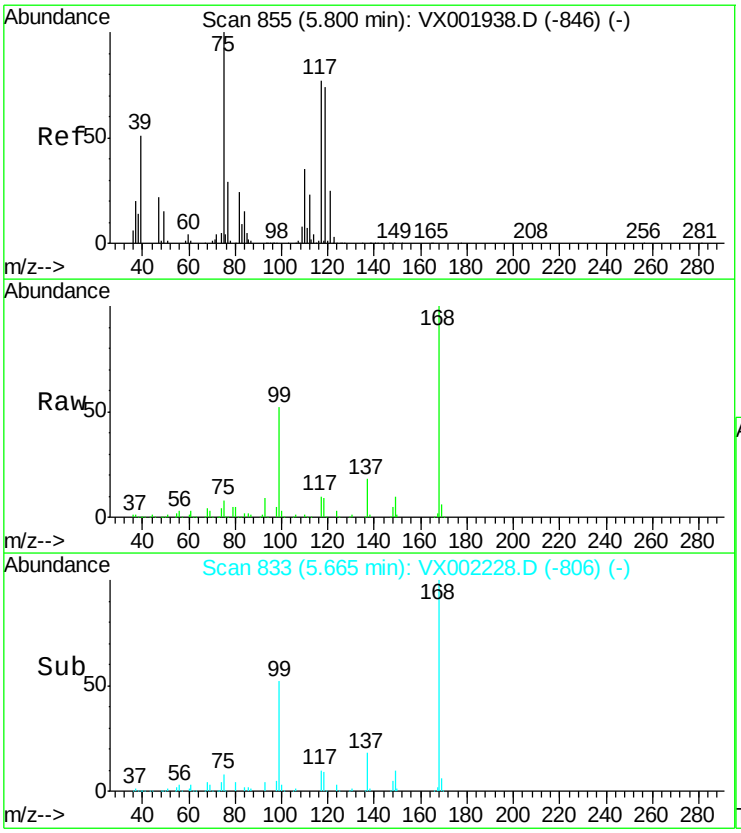
#35
Dibromofluoromethane
Concen: 44.89 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 143562

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.0	18.9	28.3

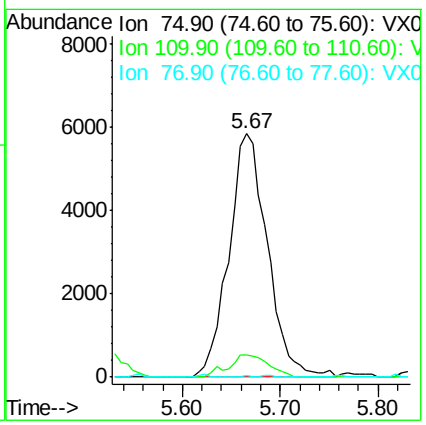


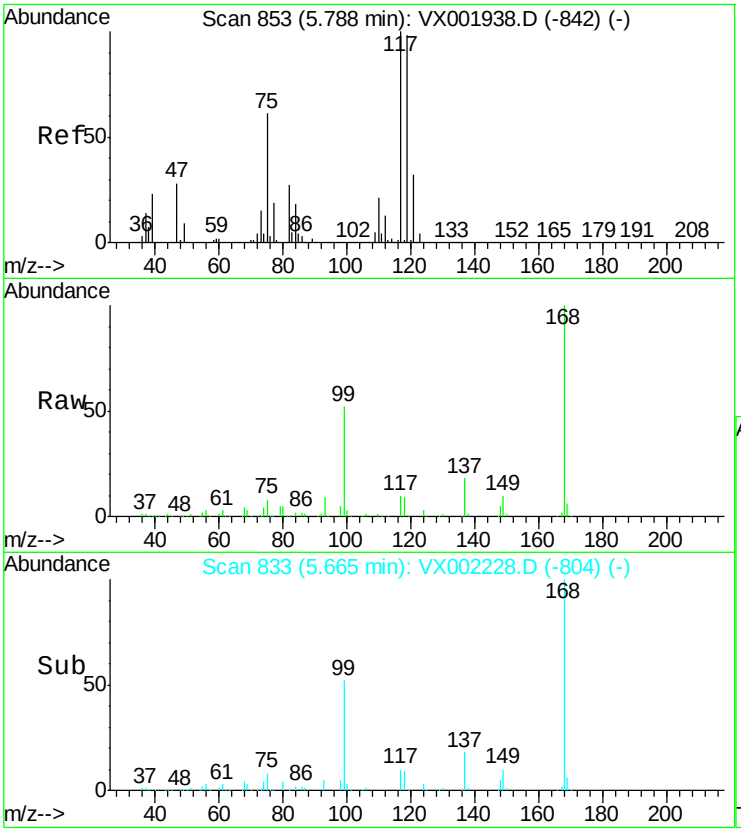


#36
1,1-Dichloropropene
Concen: 3.58 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 75 Resp: 15949

Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.4	52.2#
77	0.1	24.4	36.6#



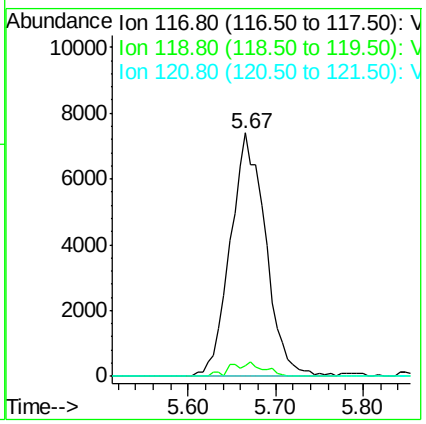


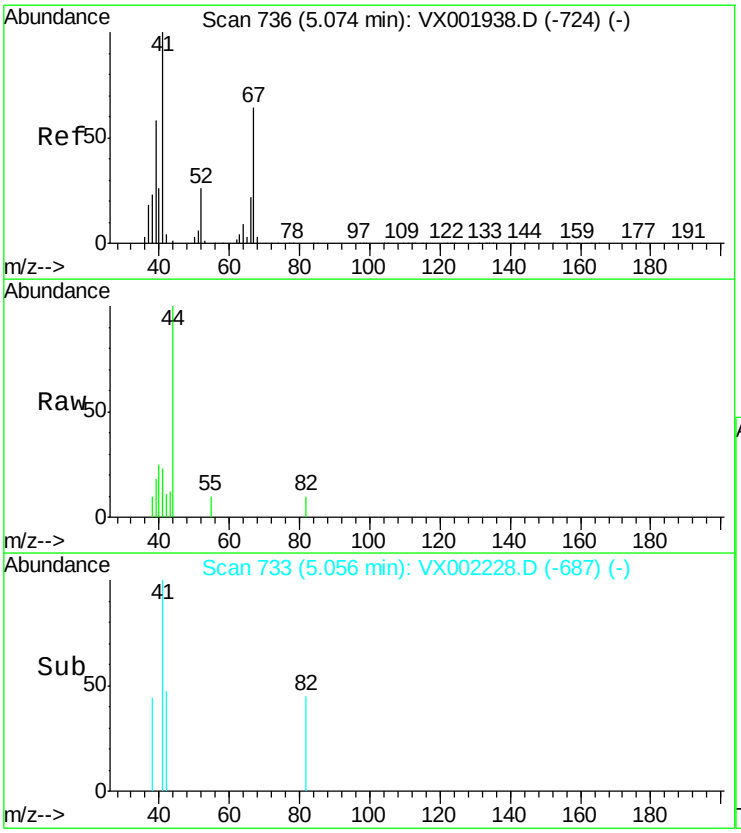
#38
Carbon Tetrachloride
Concen: 3.99 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 20721

Ion	Ratio	Lower	Upper
117	100		
119	4.6	78.5	117.7#
121	0.0	25.5	38.3#

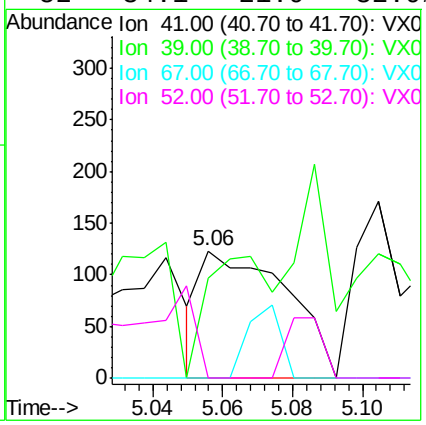


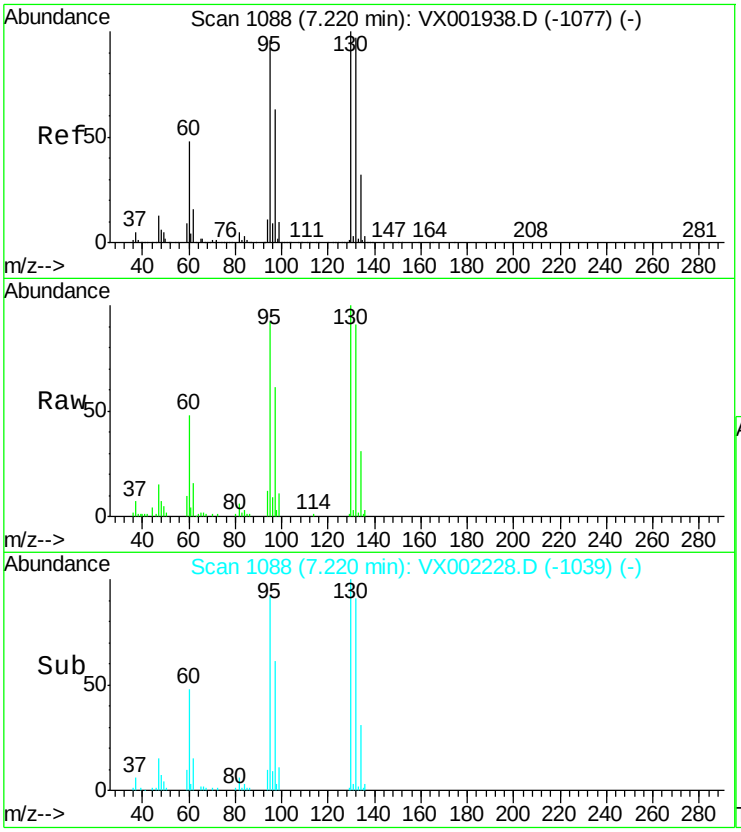


#41
Methacrylonitrile
Concen: Below Cal
RT: 5.06 min Scan# 733
Delta R.T. -0.02 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 41 Resp: 211

Ion	Ratio	Lower	Upper
41	100		
39	71.6	46.0	69.0#
67	0.0	50.6	75.8#
52	34.1	21.9	32.9#



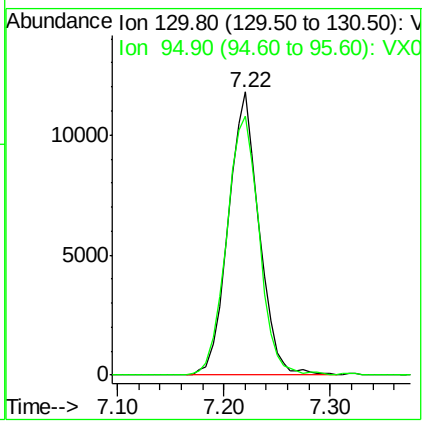


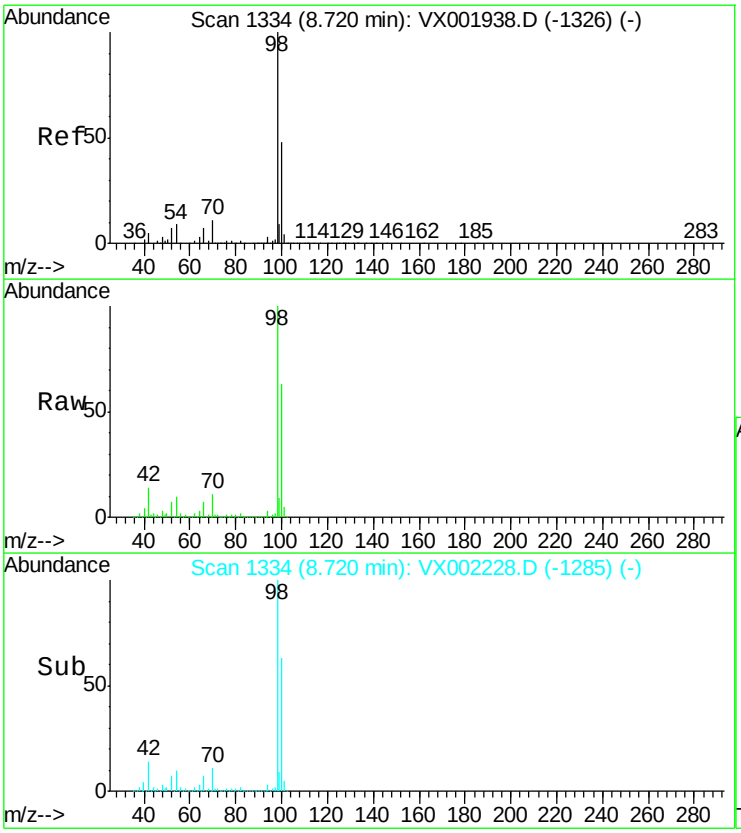
#44
Trichloroethene
Concen: 6.31 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 23980

Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	192.0

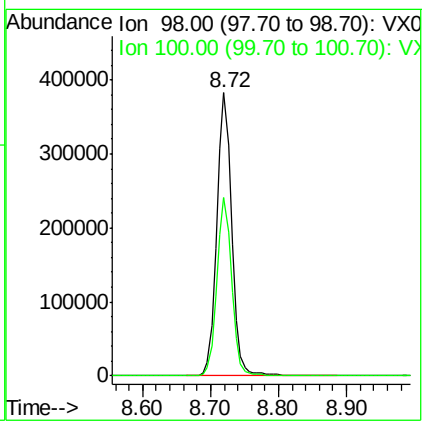


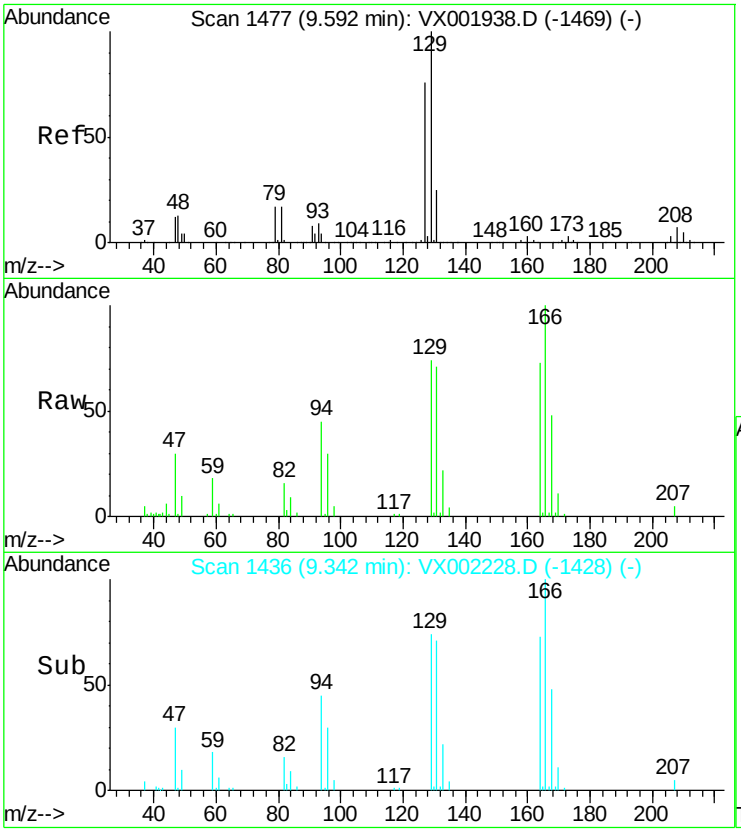


#50
Toluene-d8
Concen: 50.18 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 98 Resp: 581016

Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.5	77.3



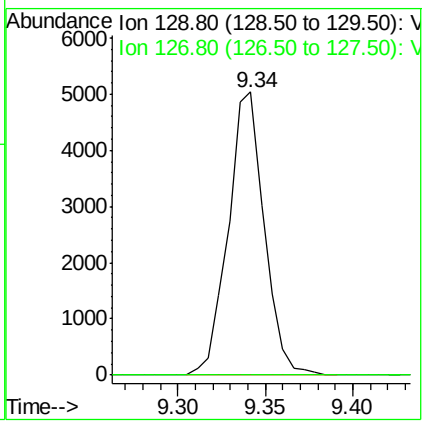


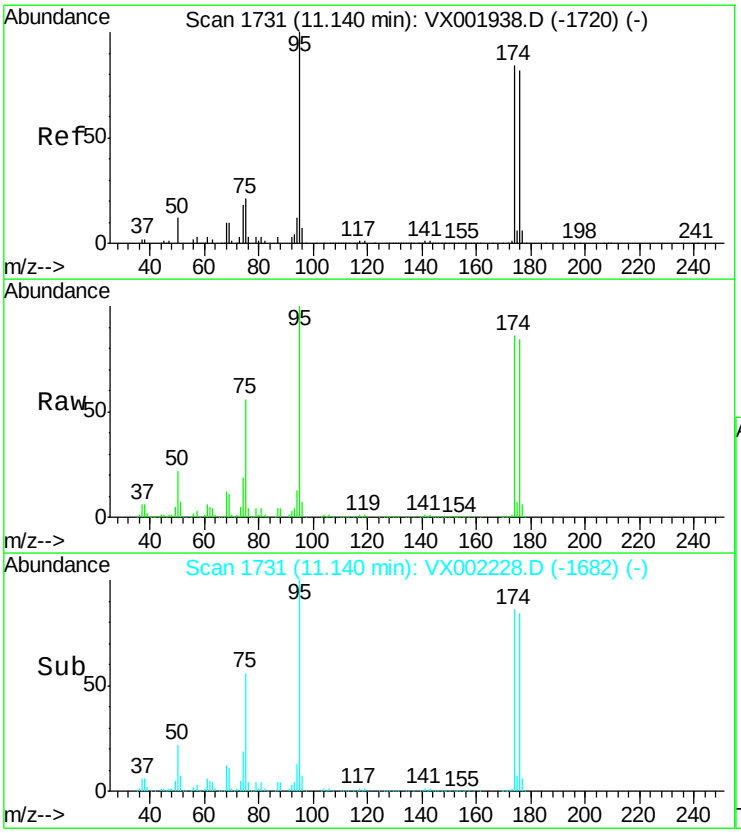
#60
Dibromochloromethane
Concen: 1.76 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 7214

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.9#

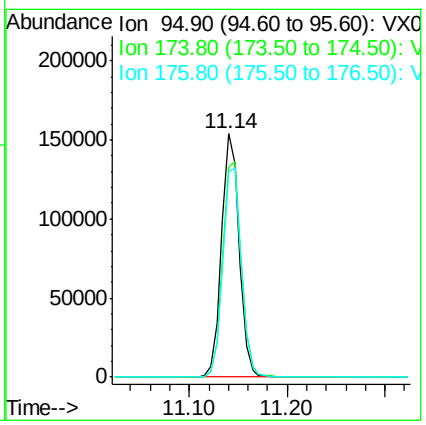


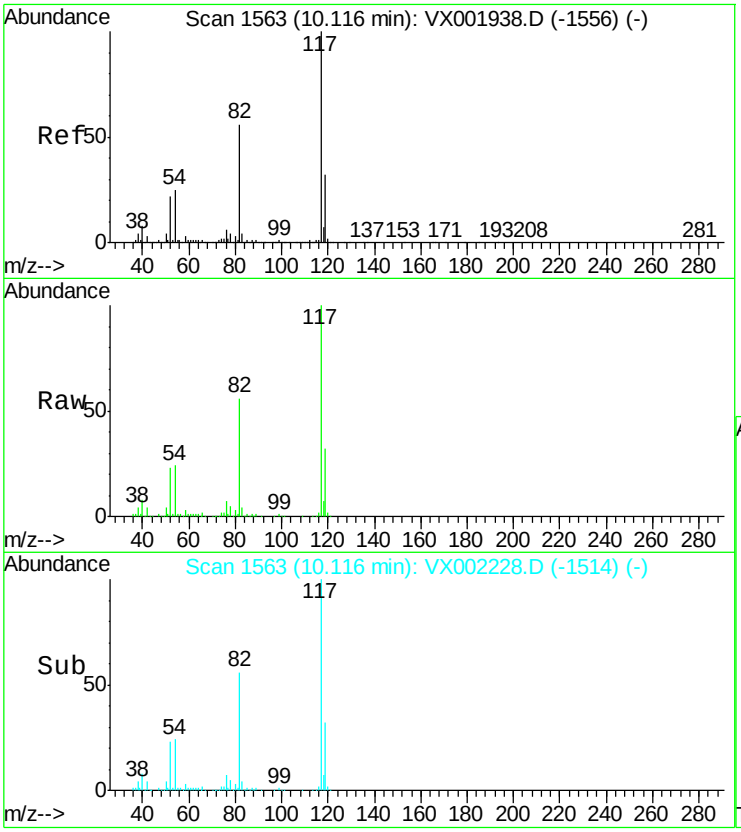


#62
4-Bromofluorobenzene
Concen: 42.61 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 95 Resp: 193067

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	178.8
176	89.7	0.0	175.6



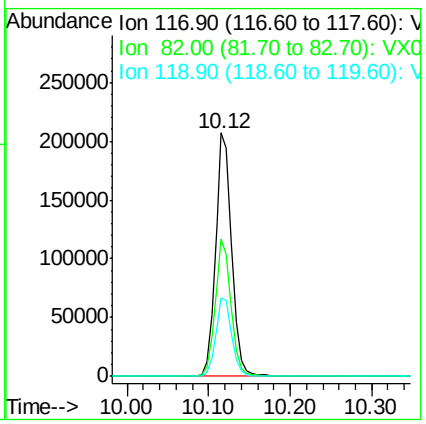


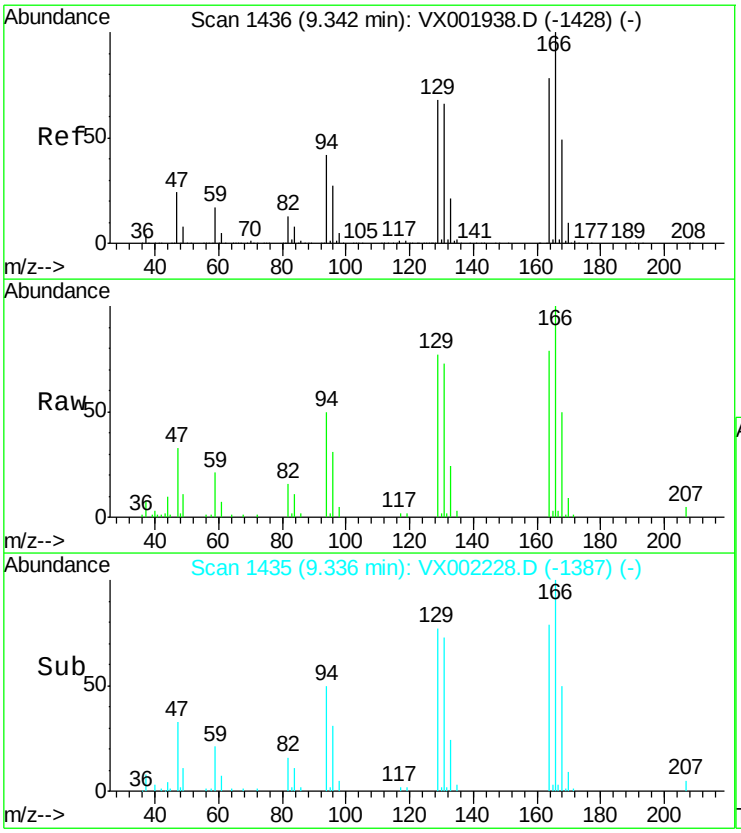
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 287958

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.8	67.2
119	32.4	25.5	38.3

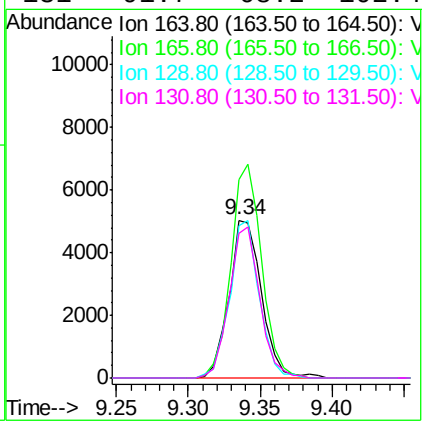


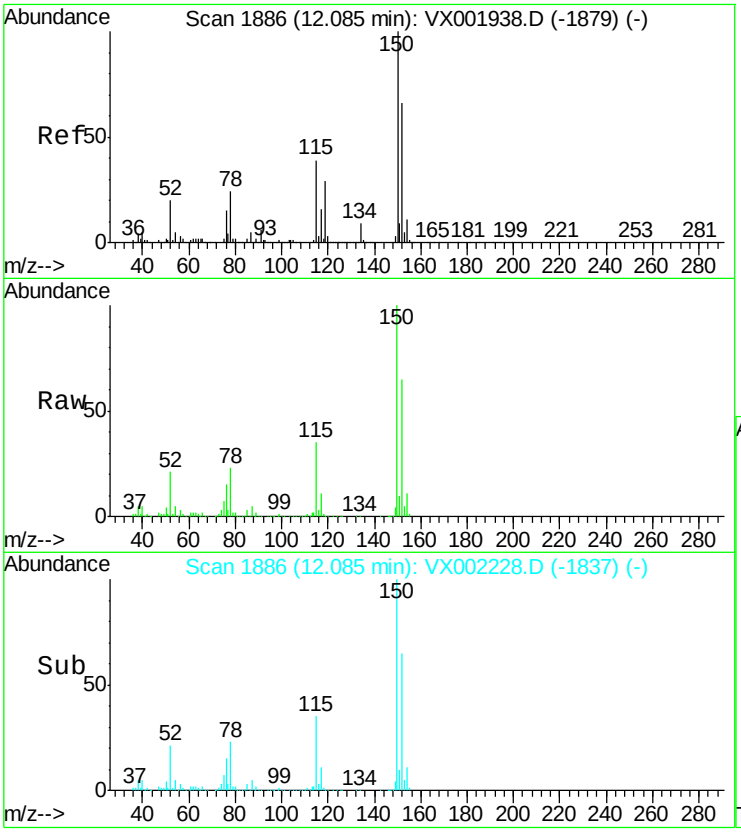


#64
Tetrachloroethene
Concen: 1.93 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion:164 Resp: 7949

Ion	Ratio	Lower	Upper
164	100		
166	125.9	102.7	154.1
129	96.4	70.3	105.5
131	91.7	68.2	102.4



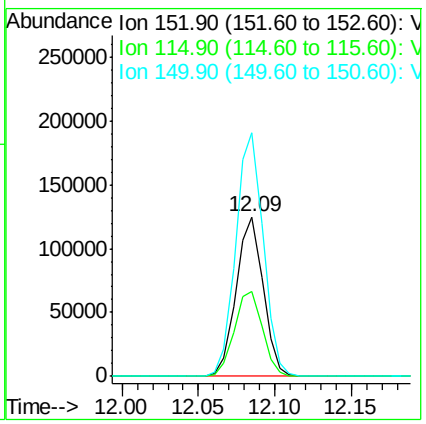


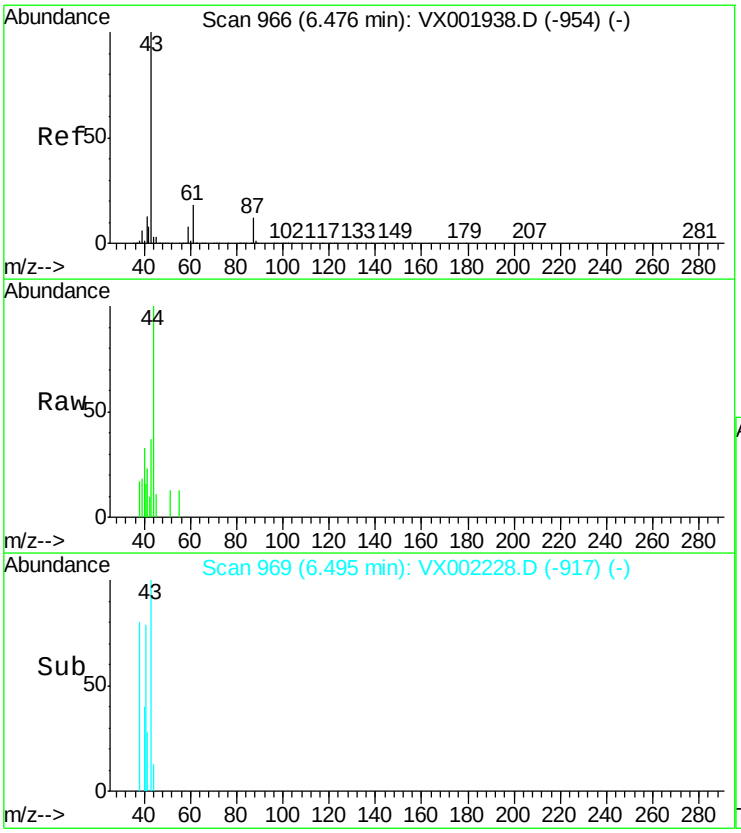
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 152418

Ion	Ratio	Lower	Upper
152	100		
115	55.8	42.3	126.8
150	156.1	0.0	351.0

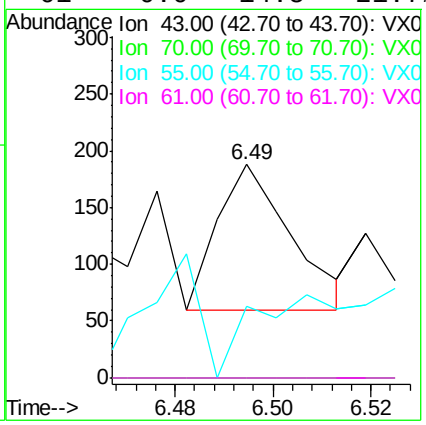


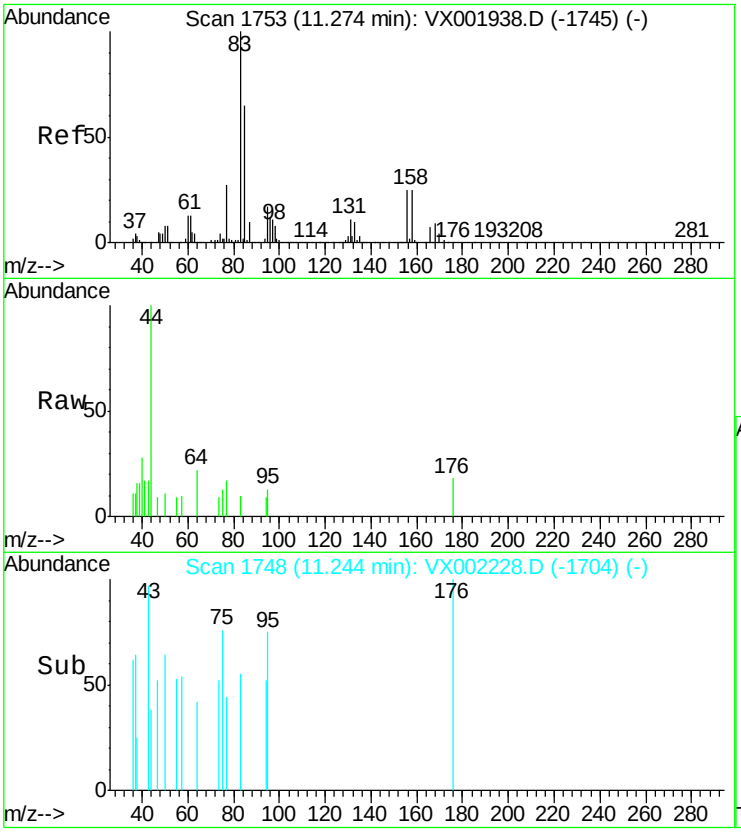


#74
N-amyl acetate
Concen: Below Cal
RT: 6.49 min Scan# 969
Delta R.T. 0.02 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 43 Resp: 135

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	61.5	0.1	0.1#
61	0.0	14.5	21.7#



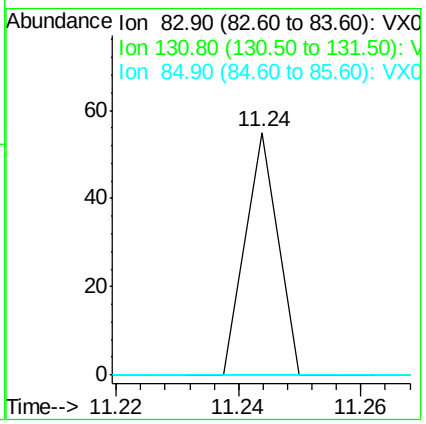


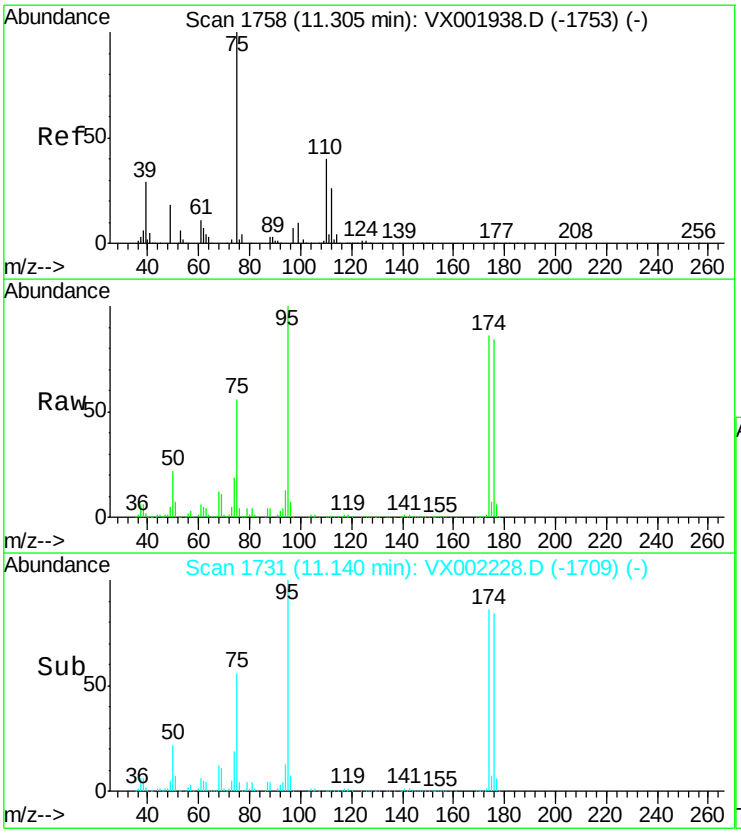
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.24 min Scan# 1748
Delta R.T. -0.03 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 20

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	0.0	32.6	97.7#

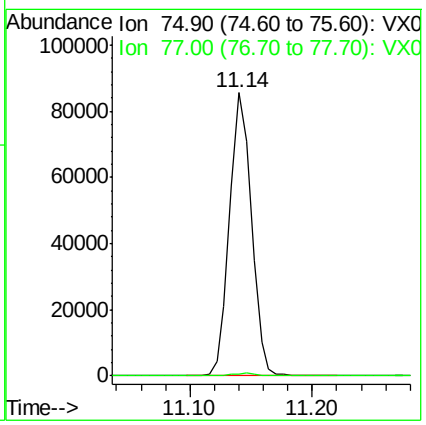


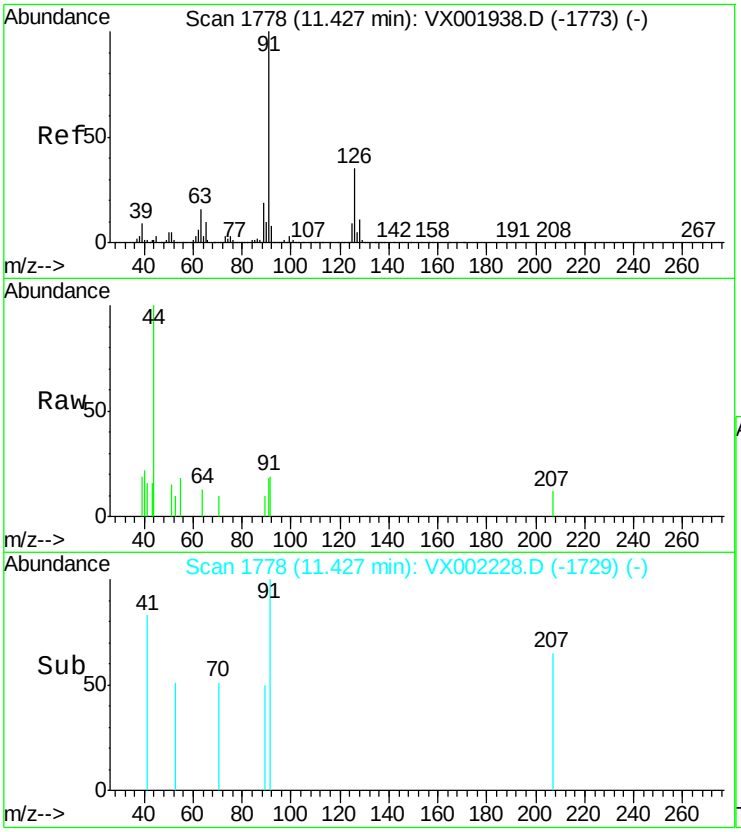


#76
1,2,3-Trichloropropane
Concen: 28.95 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 75 Resp: 105999

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#



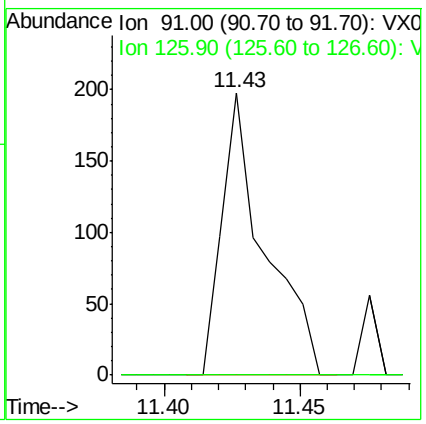


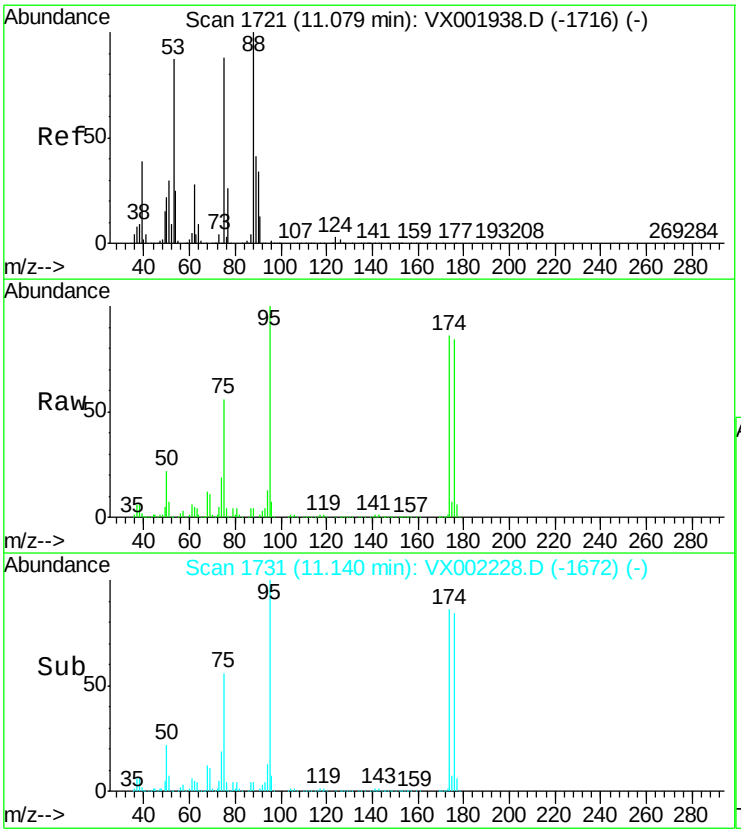
#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 215

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.4	52.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.59 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002228.D
Acq: 01 Jun 2018 22:37

Tgt Ion: 75 Resp: 105999

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.0	117.0#
89	0.0	39.4	59.2#