Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061118\
Data File : VX002444.D
Acq On : 11 Jun 2018 15:48
Operator : JC/MD
Sample : J3406-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : Z5TB01-180605

Quant Time: Jun 11 16:52:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	231164	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	343521	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	315472	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177052	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	180027	54.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.58%				
35) Dibromofluoromethane	5.51	113	137843	51.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.06%				
50) Toluene-d8	8.72	98	537930	51.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.90%				
62) 4-Bromofluorobenzene	11.14	95	187491	46.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.92%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	855	Below Cal		#	85
5) Bromomethane	1.66	94	2104	Below Cal			93
6) Chloroethane	1.72	64	697	0.36	ug/l	#	43
8) Diethyl Ether	2.07	74	25	Below Cal			56
10) Methyl Iodide	2.52	142	4292	1.23	ug/l	#	91
11) Tert butyl alcohol	3.07	59	328	Below Cal		#	1
13) Acrolein	2.30	56	568	Below Cal		#	72
15) Acrylonitrile	3.15	53	992	Below Cal		#	69
16) Acetone	2.45	43	9714	Below Cal			96
17) Carbon Disulfide	2.57	76	3166	0.49	ug/l		100
18) Methyl Acetate	2.78	43	373	Below Cal		#	82
19) Methyl tert-butyl Ether	3.21	73	214	Below Cal		#	49
20) Methylene Chloride	2.86	84	1669	Below Cal		#	89
21) trans-1,2-Dichloroethene	3.18	96	846	0.31	ug/l	#	68
22) Diisopropyl ether	3.89	45	209	Below Cal		#	39
28) Bromochloromethane	5.03	49	221	Below Cal		#	42
29) Tetrahydrofuran	5.17	42	338	0.23	ug/l	#	65
38) Carbon Tetrachloride	5.67	117	21888	5.79	ug/l	#	17
39) Methylcyclohexane	7.46	83	592	0.39	ug/l	#	68
49) 1,4-Dioxane	7.88	88	39	0.56	ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	103264	26.58	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	103264	93.17	ug/l	#	6
87) 1,3-Dichlorobenzene	12.02	146	1268	0.21	ug/l		97
89) n-Butylbenzene	12.39	91	1920	0.21	ug/l		97
93) 1,2,4-Trichlorobenzene	13.65	180	1797	0.40	ug/l		95
94) Hexachlorobutadiene	13.79	225	721	0.33	ug/l		96
95) Naphthalene	13.83	128	3158	0.25	ug/l		97
96) 1,2,3-Trichlorobenzene	14.02	180	1583	0.35	ug/l		88

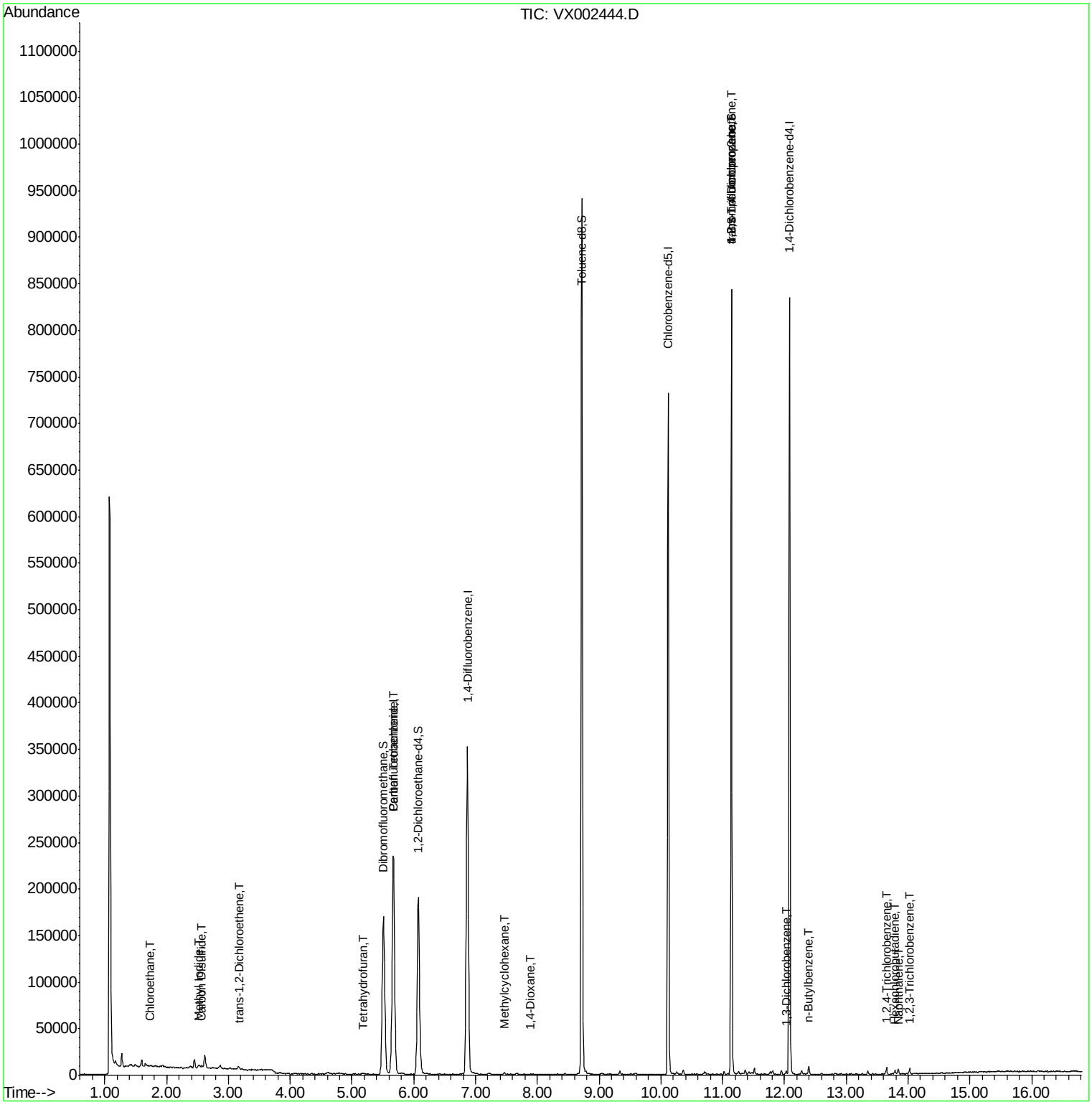
(#) = qualifier out of range (m) = manual integration (+) = signals summed

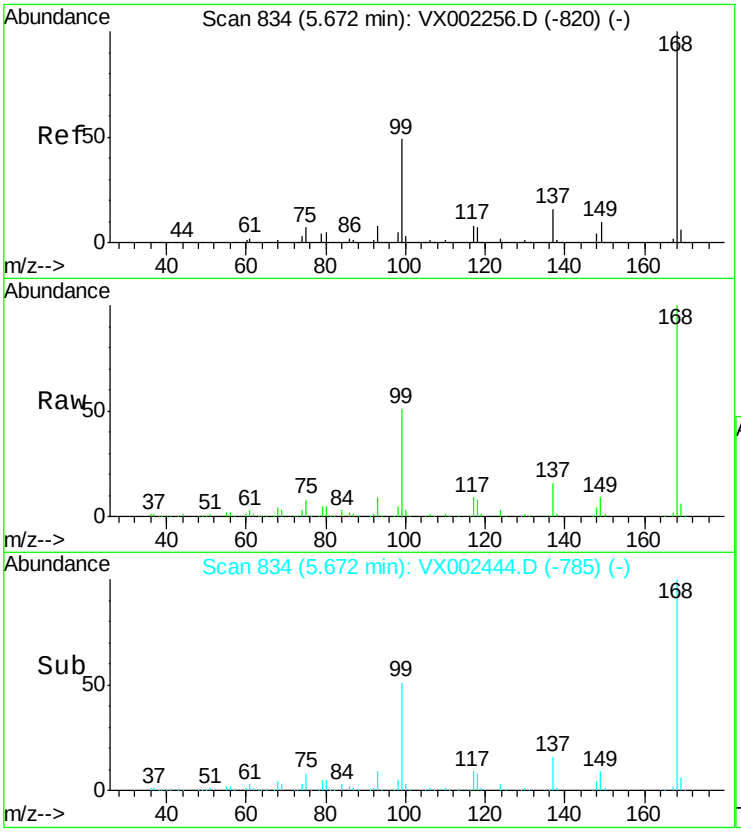
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
Data File : VX002444.D
Acq On : 11 Jun 2018 15:48
Operator : JC/MD
Sample : J3406-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z5TB01-180605

Quant Time: Jun 11 16:52:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration



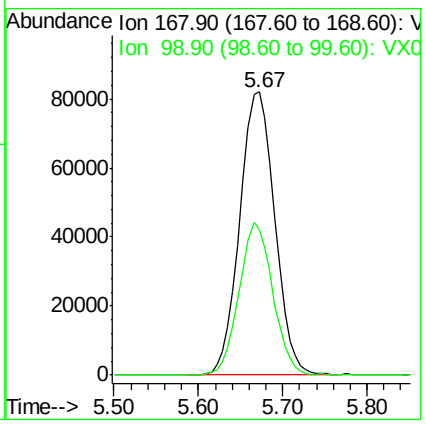


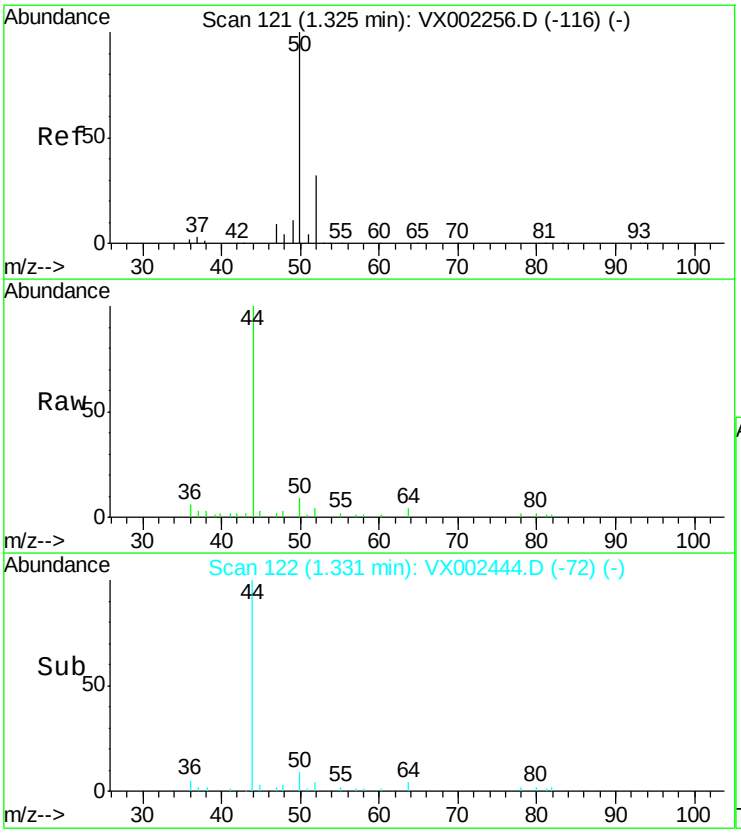
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
Z5TB01-180605

Tgt Ion:168 Resp: 231164

Ion	Ratio	Lower	Upper
168	100		
99	51.2	39.3	58.9

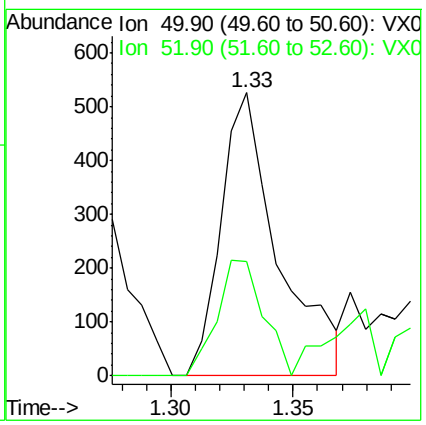


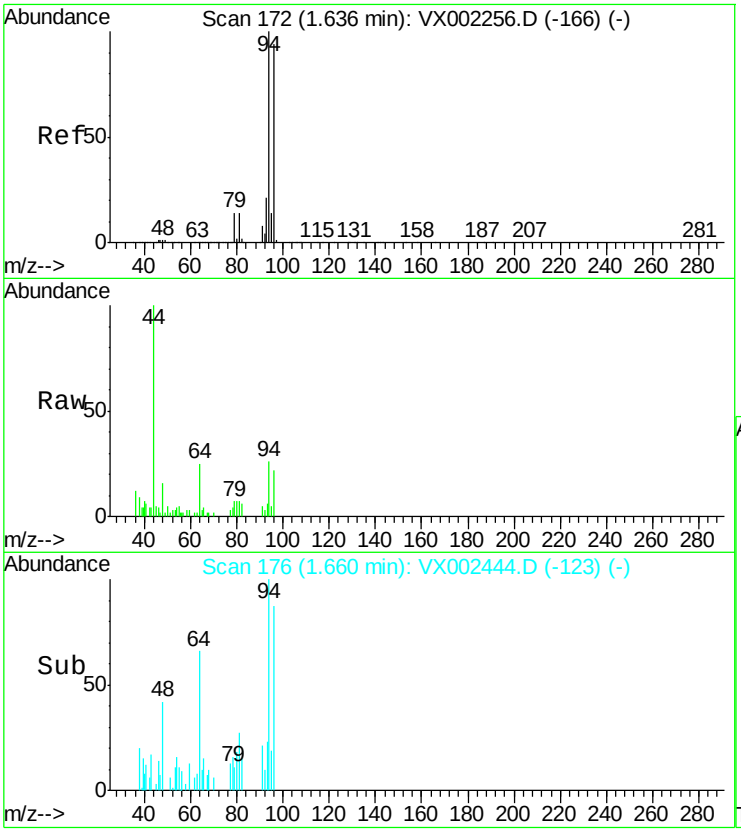


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion: 50 Resp: 855

Ion	Ratio	Lower	Upper
50	100		
52	40.3	25.7	38.5#



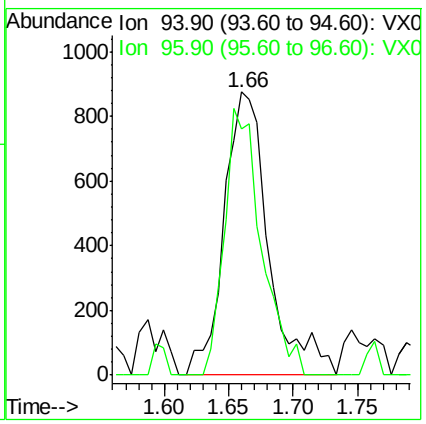


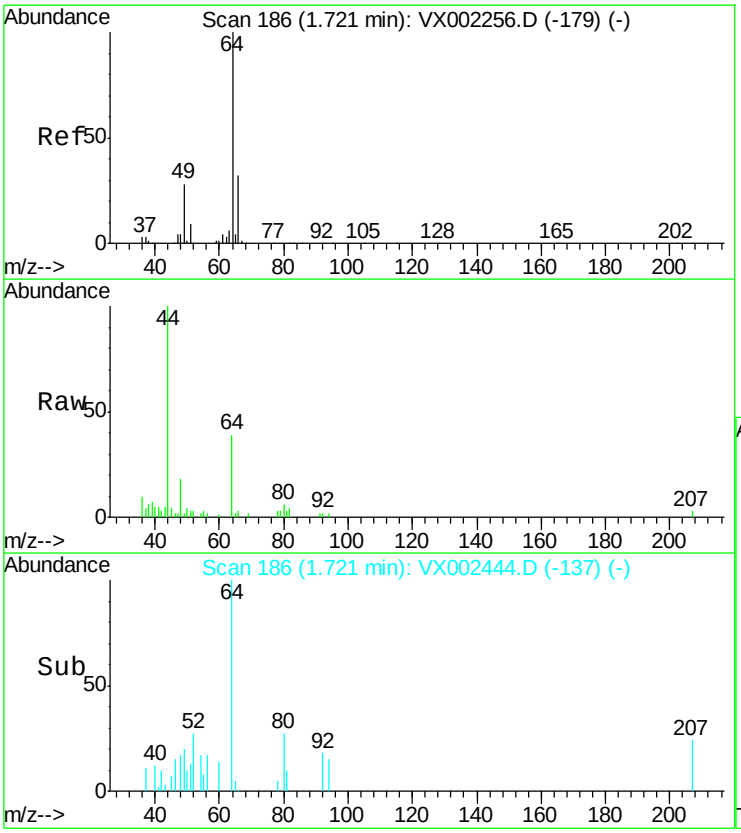
#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.03 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument : MSVOA_X
ClientSampleId : Z5TB01-180605

Tgt Ion: 94 Resp: 2104

Ion	Ratio	Lower	Upper
94	100		
96	86.9	74.9	112.3

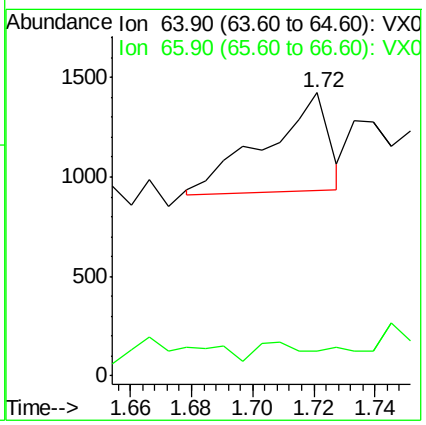


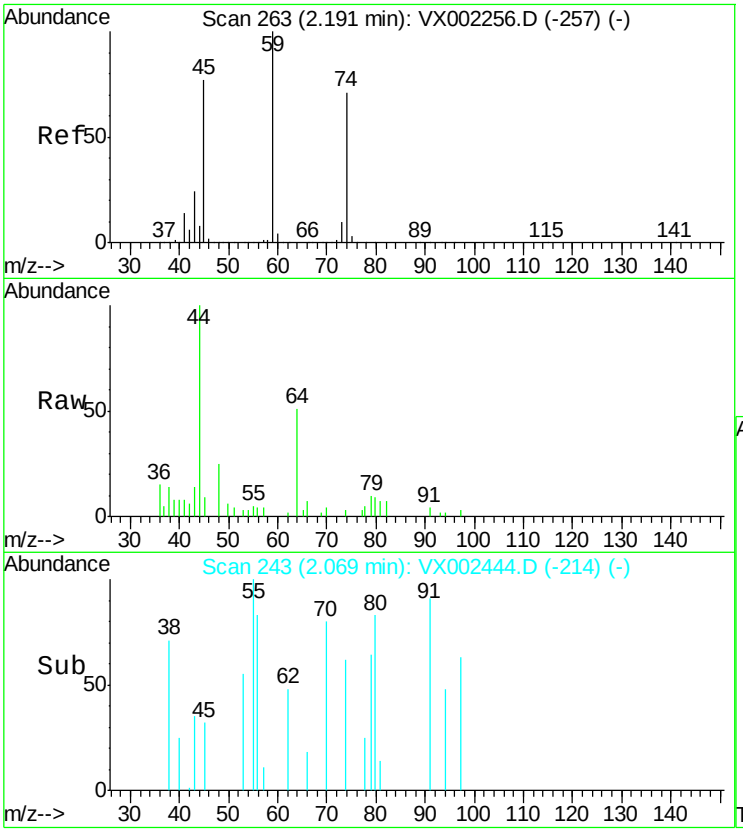


#6
Chloroethane
Concen: 0.36 ug/l
RT: 1.72 min Scan# 186
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion: 64 Resp: 697

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



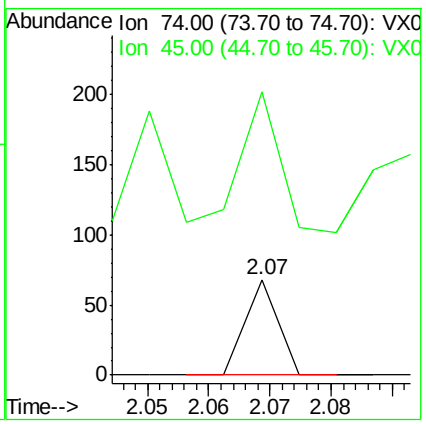


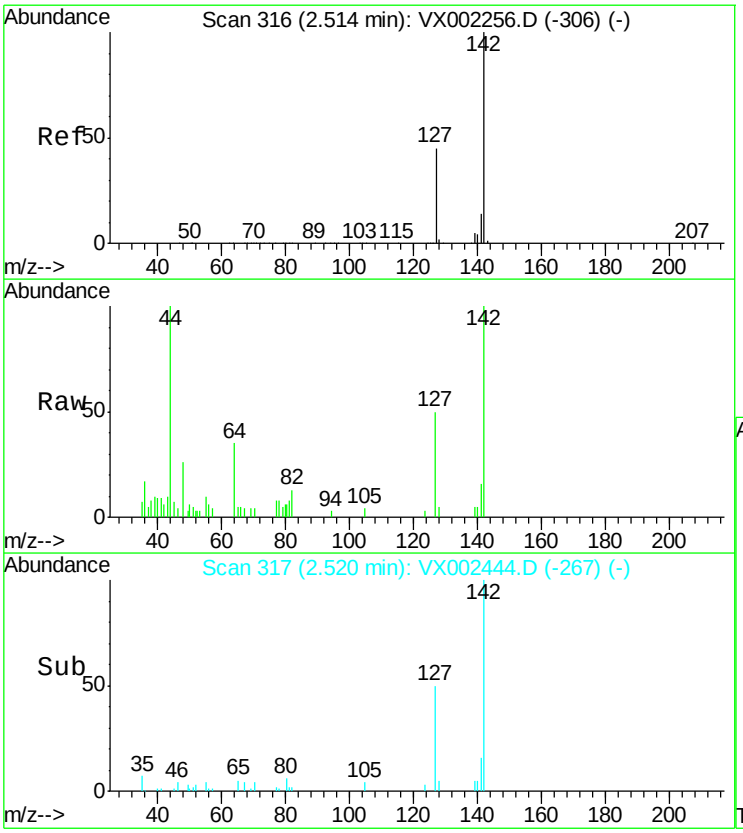
#8
Diethyl Ether
Concen: Below Cal
RT: 2.07 min Scan# 243
Delta R.T. -0.12 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument : MSVOA_X
ClientSampleId : Z5TB01-180605

Tgt Ion: 74 Resp: 25

Ion	Ratio	Lower	Upper
74	100		
45	152.0	53.1	159.4

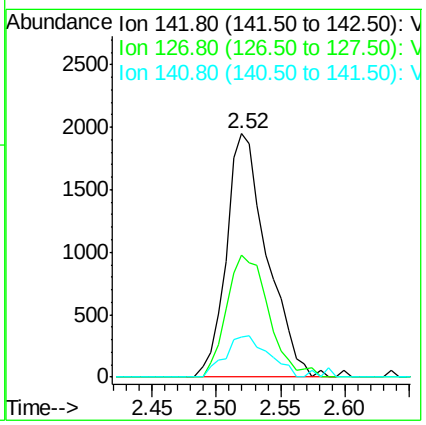


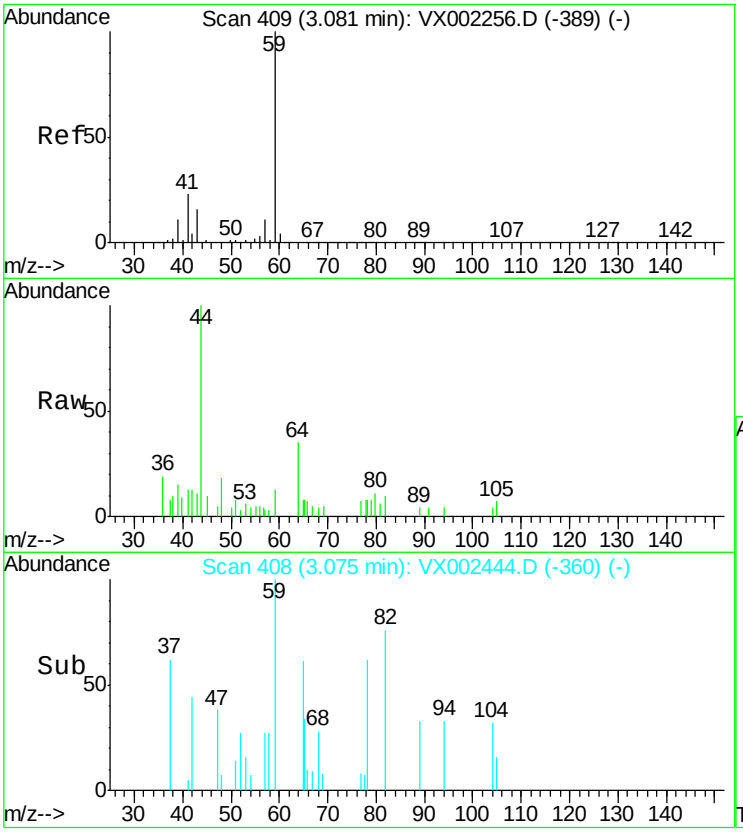


#10
Methyl Iodide
Concen: 1.23 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion:142 Resp: 4292

Ion	Ratio	Lower	Upper
142	100		
127	51.8	36.6	55.0
141	18.2	11.3	16.9#



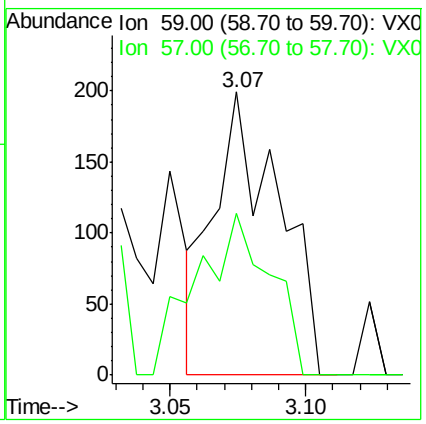


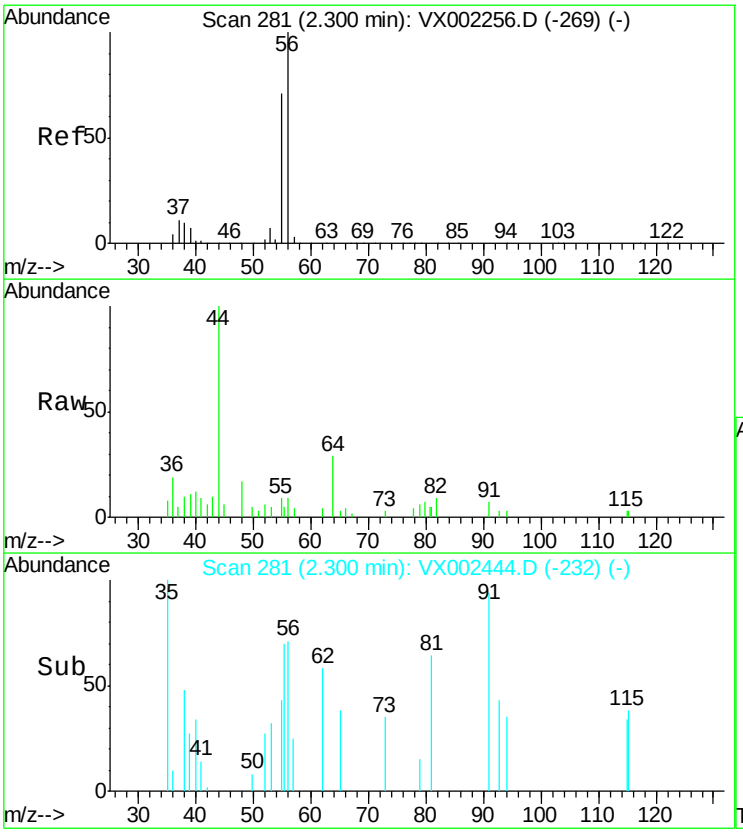
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument : MSVOA_X
ClientSampleId : Z5TB01-180605

Tgt Ion: 59 Resp: 328

Ion	Ratio	Lower	Upper
59	100		
57	65.2	8.2	12.2#

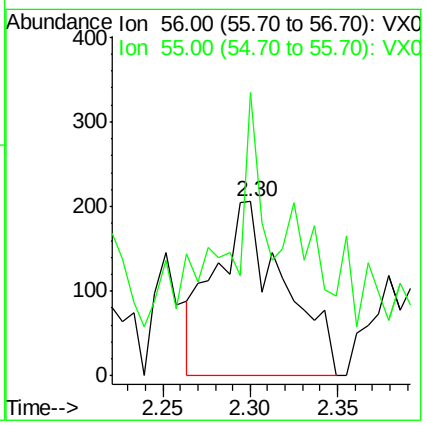


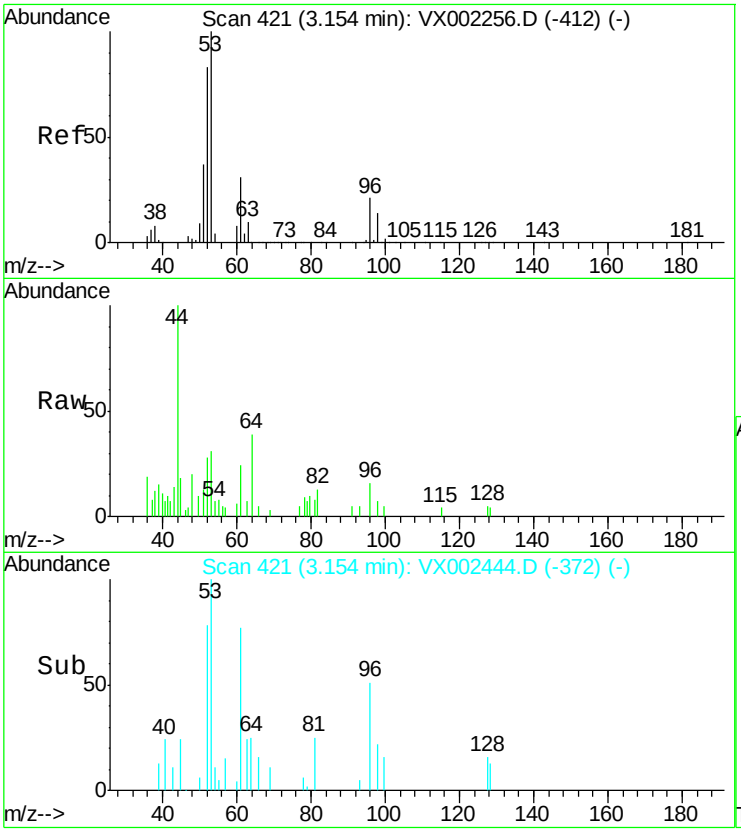


#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion: 56 Resp: 568

Ion	Ratio	Lower	Upper
56	100		
55	48.4	57.0	85.4#



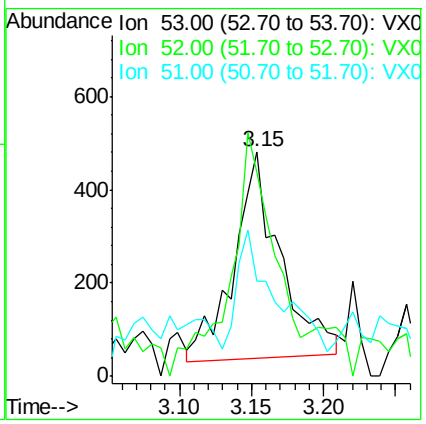


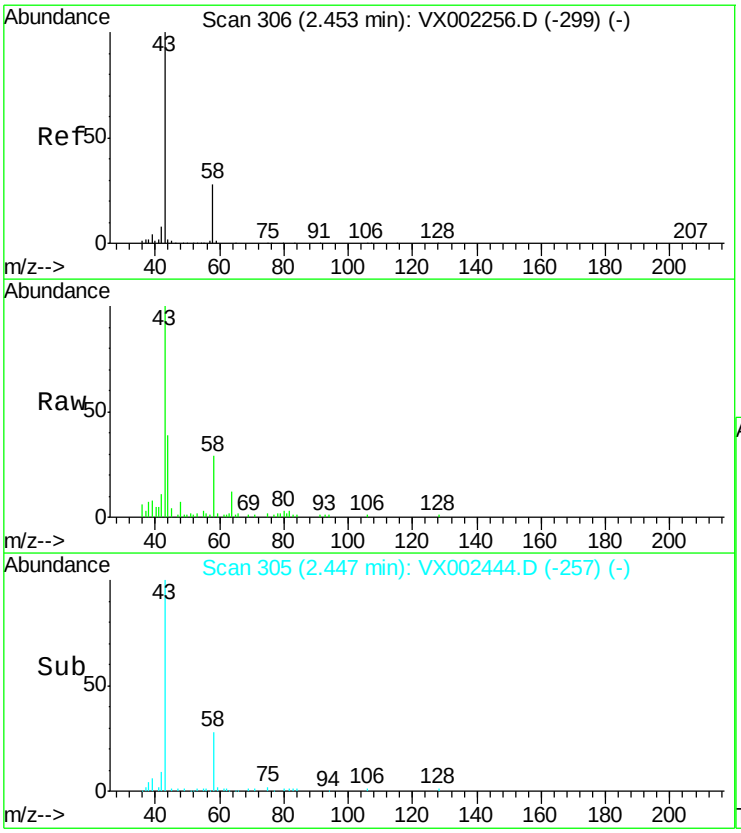
#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument : MSVOA_X
ClientSampleId : Z5TB01-180605

Tgt Ion: 53 Resp: 992

Ion	Ratio	Lower	Upper
53	100		
52	114.6	66.7	100.1#
51	51.2	29.9	44.9#

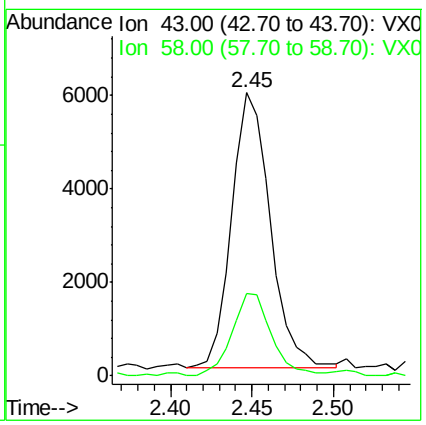


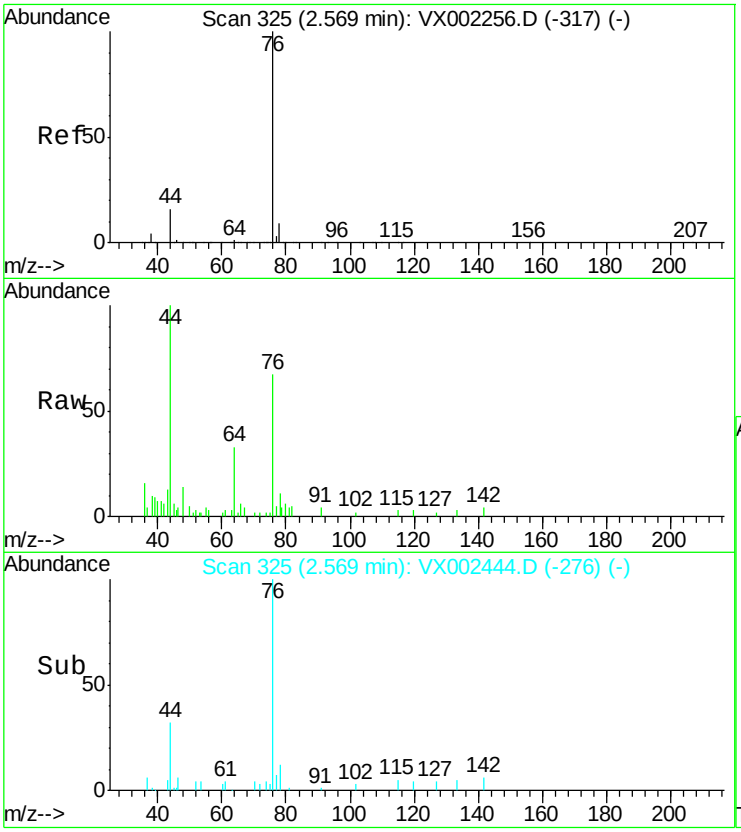


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion: 43 Resp: 9714

Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.1	33.1



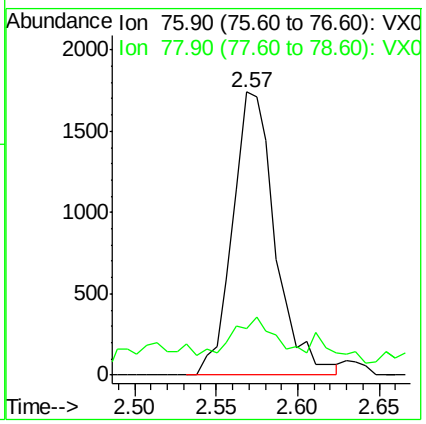


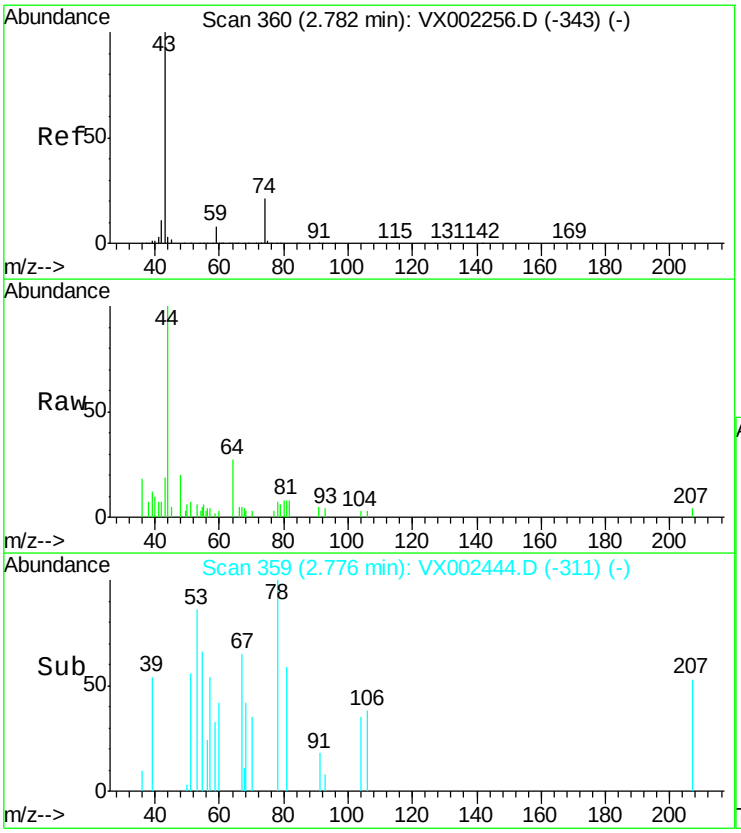
#17
Carbon Disulfide
Concen: 0.49 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument : MSVOA_X
ClientSampleId : Z5TB01-180605

Tgt Ion: 76 Resp: 3166

Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.9	10.3

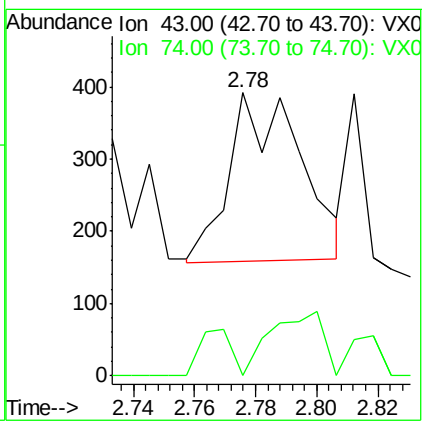


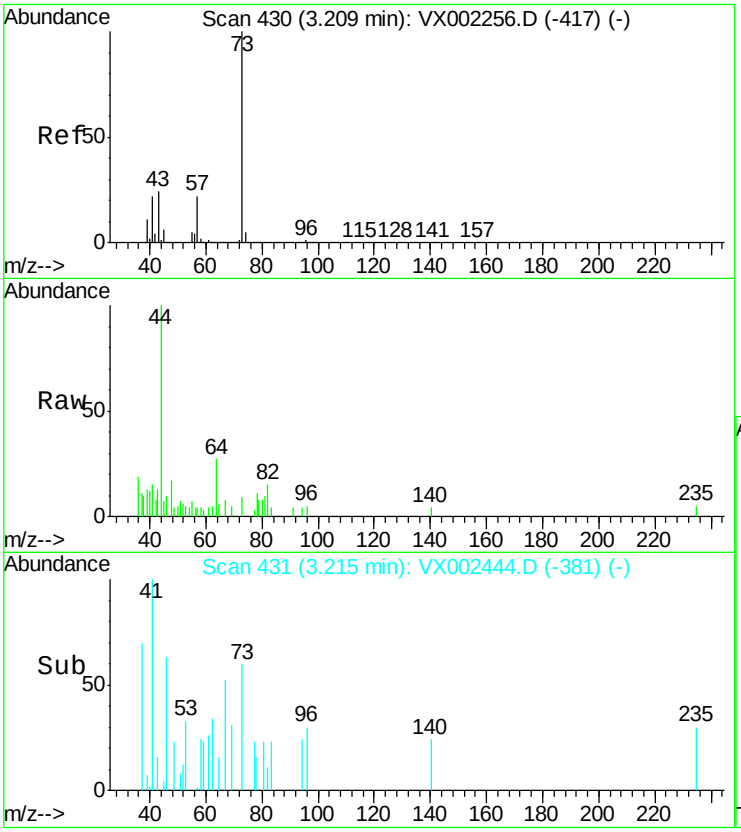


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion: 43 Resp: 373

Ion	Ratio	Lower	Upper
43	100		
74	12.3	16.7	25.1#



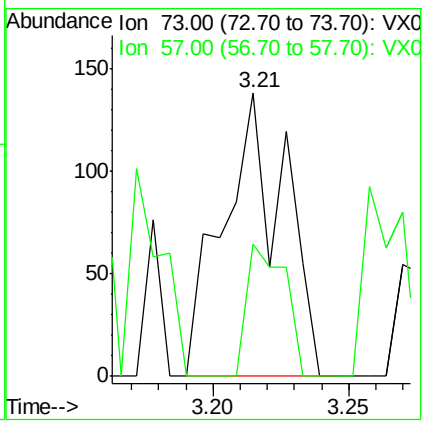


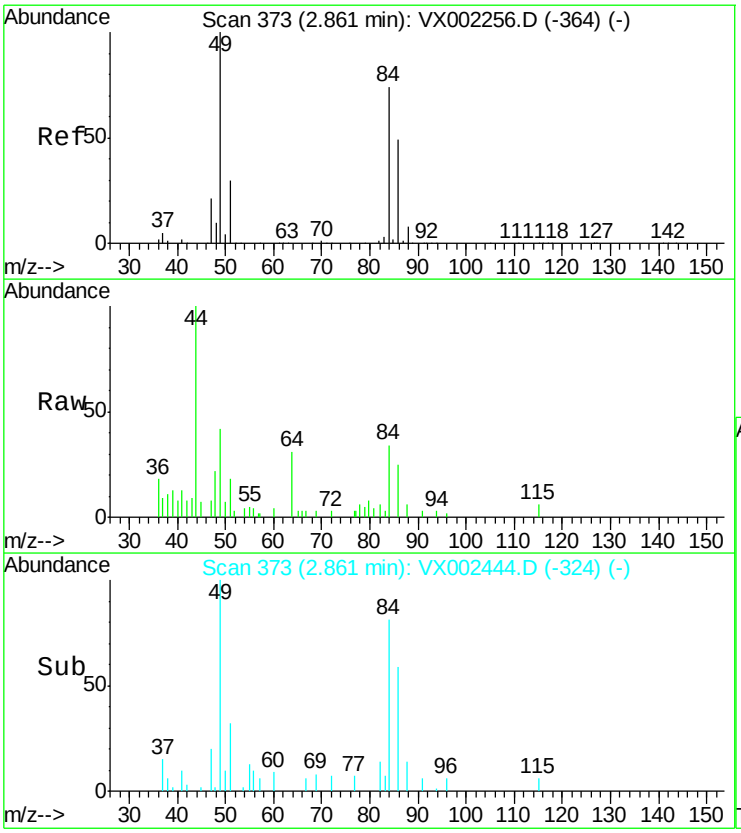
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument : MSVOA_X
ClientSampleId : Z5TB01-180605

Tgt Ion: 73 Resp: 214

Ion	Ratio	Lower	Upper
73	100		
57	46.4	17.7	26.5#

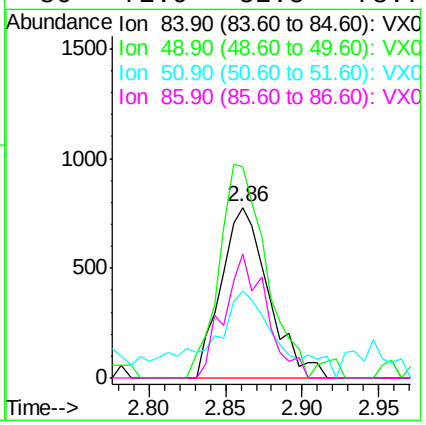


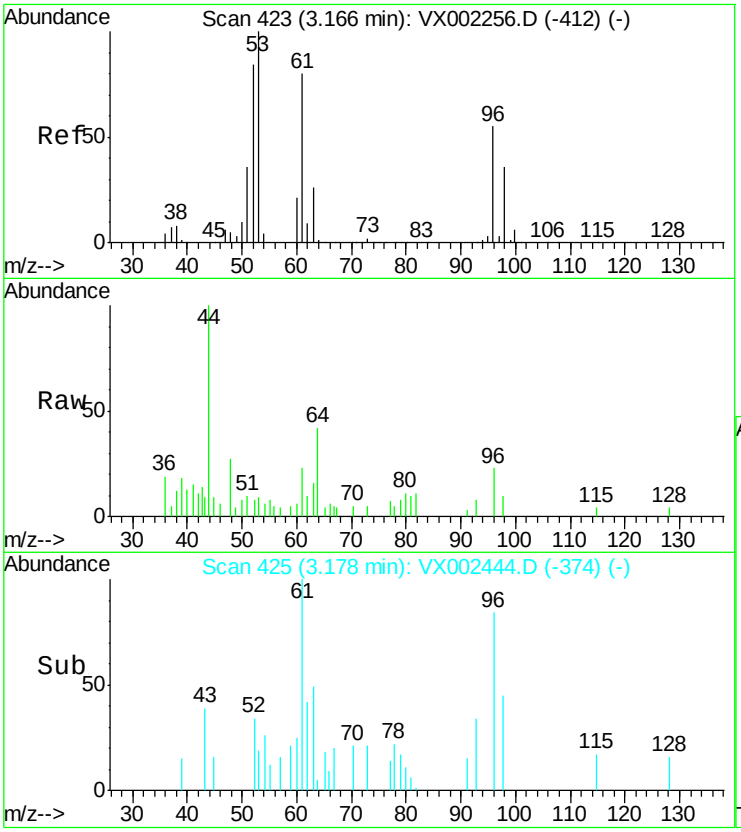


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion: 84 Resp: 1669

Ion	Ratio	Lower	Upper
84	100		
49	123.5	107.8	161.6
51	51.2	32.8	49.2#
86	72.9	52.5	78.7



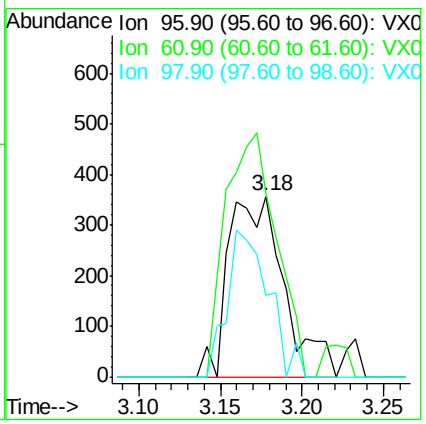


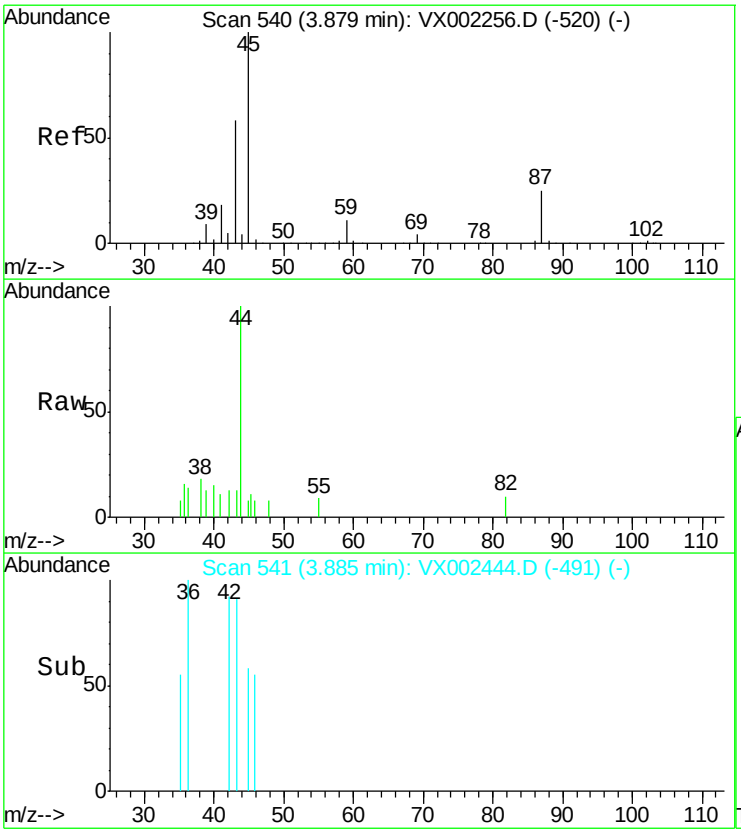
#21
trans-1,2-Dichloroethene
Concen: 0.31 ug/l
RT: 3.18 min Scan# 425
Delta R.T. 0.01 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument : MSVOA_X
ClientSampleId : Z5TB01-180605

Tgt Ion: 96 Resp: 846

Ion	Ratio	Lower	Upper
96	100		
61	102.2	117.0	175.4#
98	45.5	52.4	78.6#

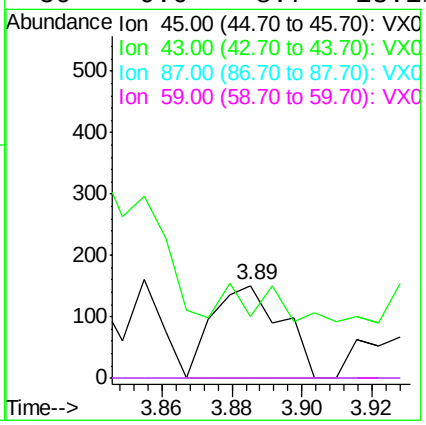


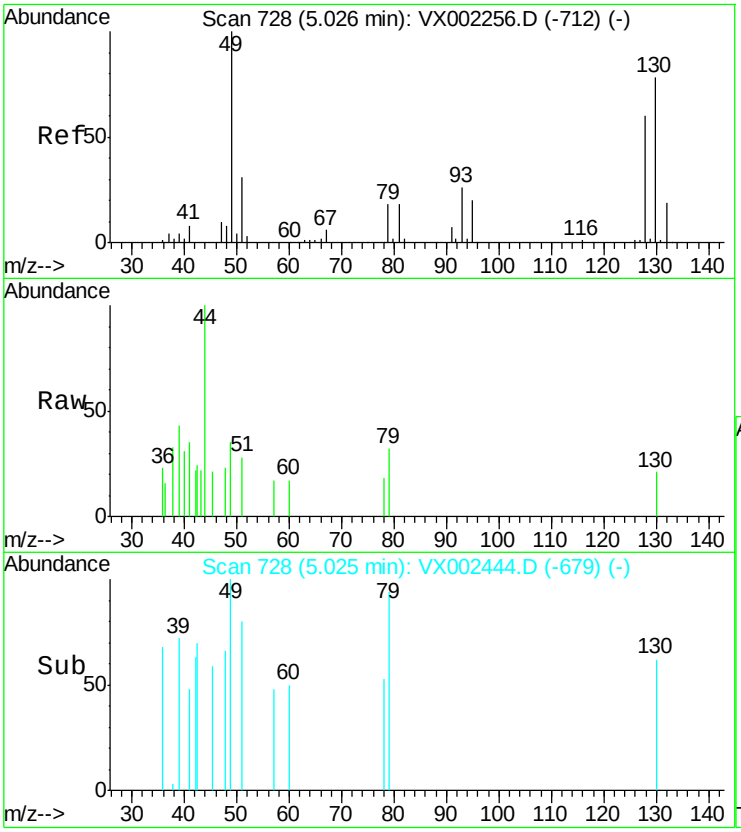


#22
Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 541
Delta R.T. 0.01 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion: 45 Resp: 209

Ion	Ratio	Lower	Upper
45	100		
43	5.3	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#



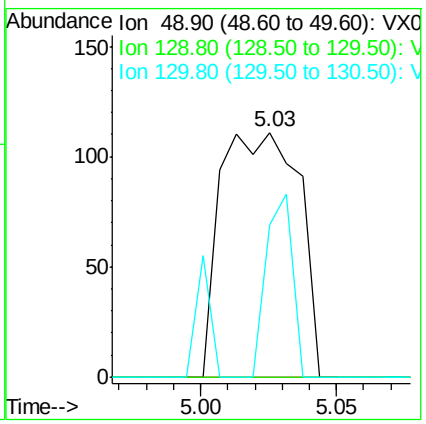


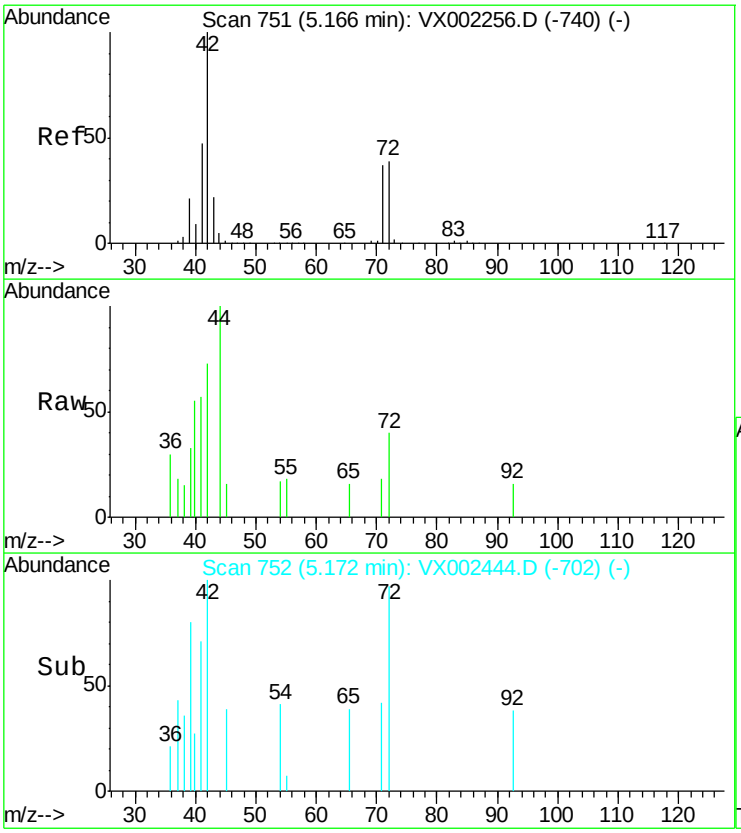
#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument : MSVOA_X
ClientSampleId : Z5TB01-180605

Tgt Ion: 49 Resp: 221

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	25.3	61.2	91.8#

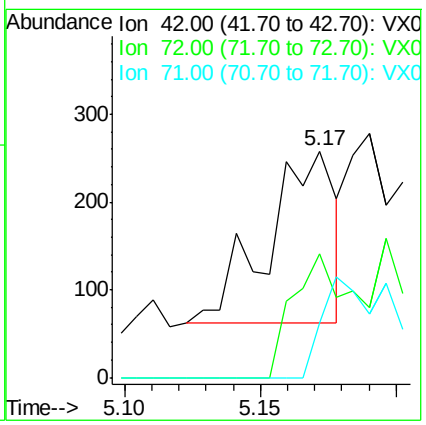


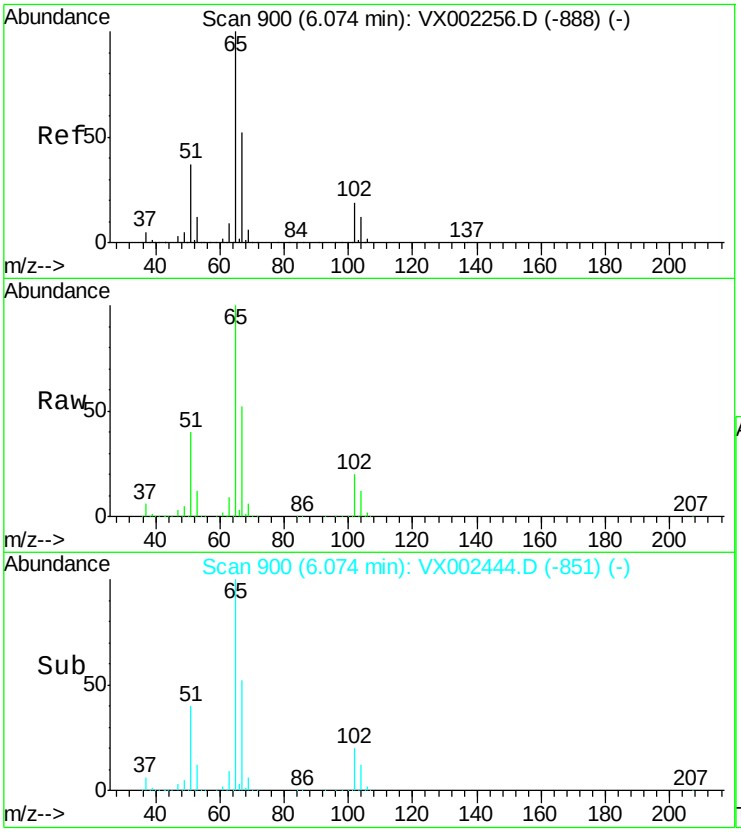


#29
Tetrahydrofuran
Concen: 0.23 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion: 42 Resp: 338

Ion	Ratio	Lower	Upper
42	100		
72	64.8	32.0	48.0#
71	55.3	30.1	45.1#



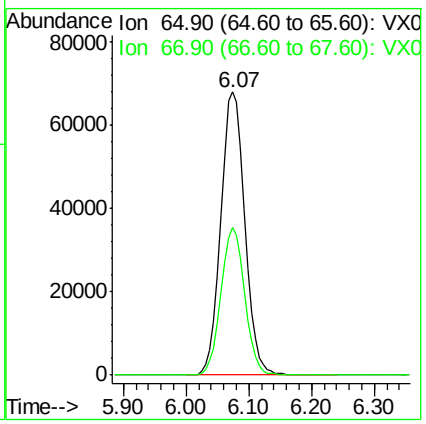


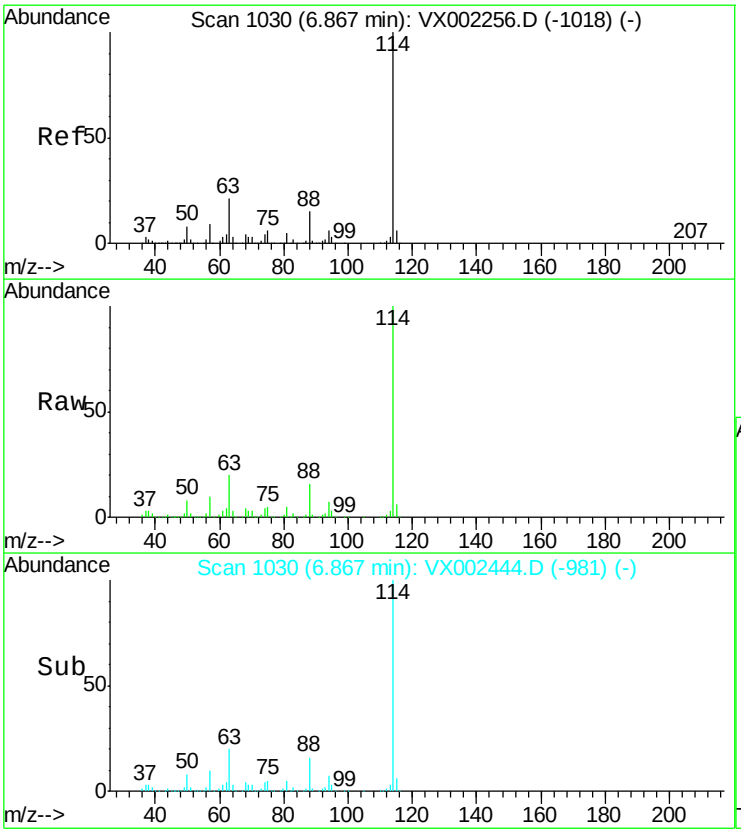
#33
1,2-Dichloroethane-d4
Concen: 54.79 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
Z5TB01-180605

Tgt Ion: 65 Resp: 180027

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.6

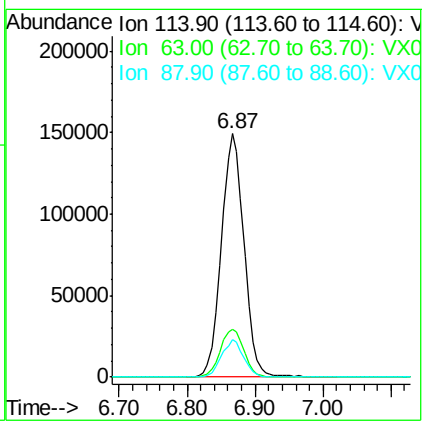


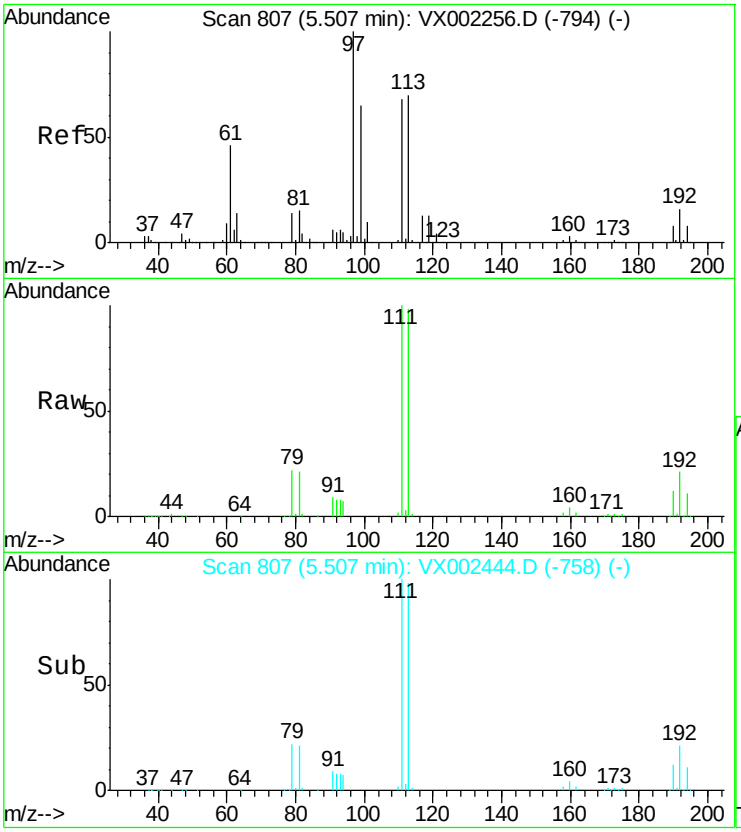


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion:114 Resp: 343521

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.4
88	15.6	0.0	30.0



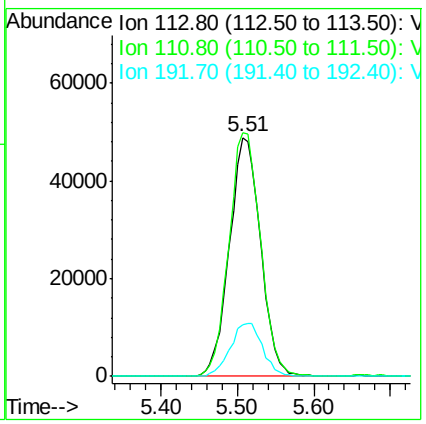


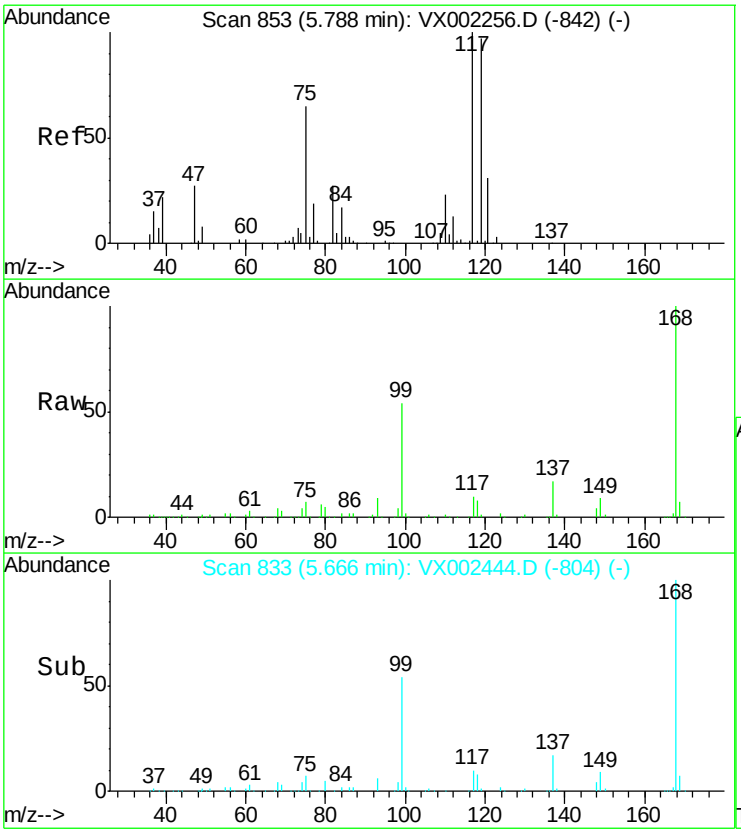
#35
Dibromofluoromethane
Concen: 51.03 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
Z5TB01-180605

Tgt Ion:113 Resp: 137843

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	23.1	19.1	28.7

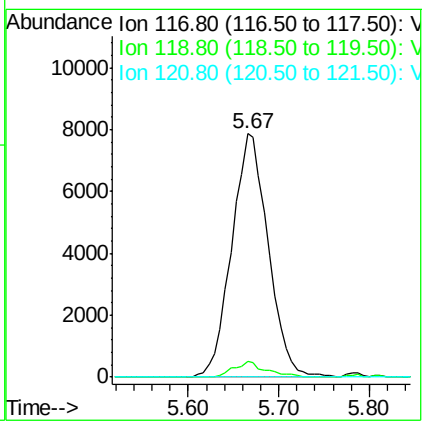


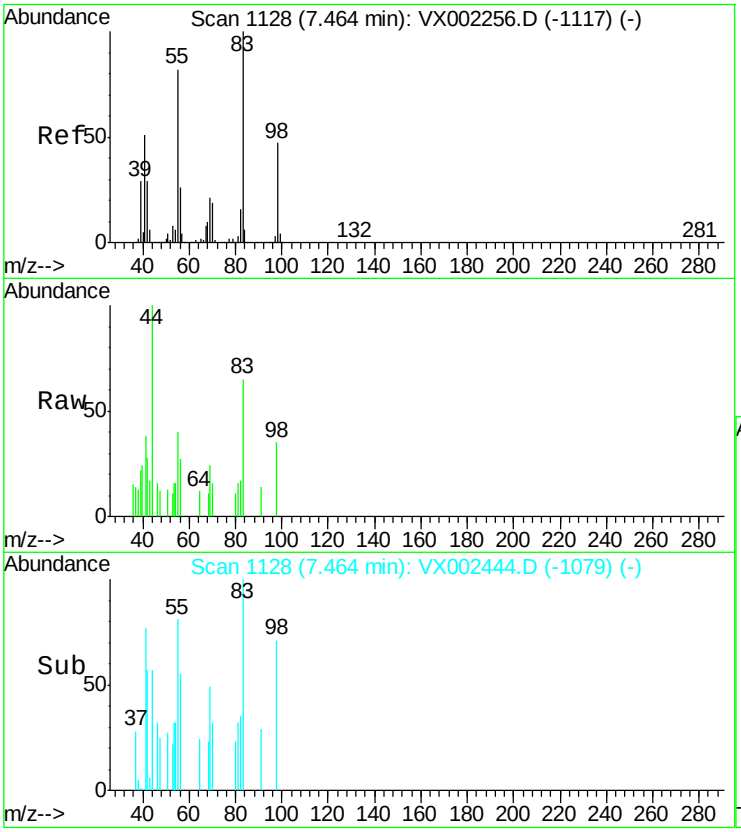


#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion:117 Resp: 21888

Ion	Ratio	Lower	Upper
117	100		
119	6.5	77.4	116.0#
121	0.0	24.4	36.6#



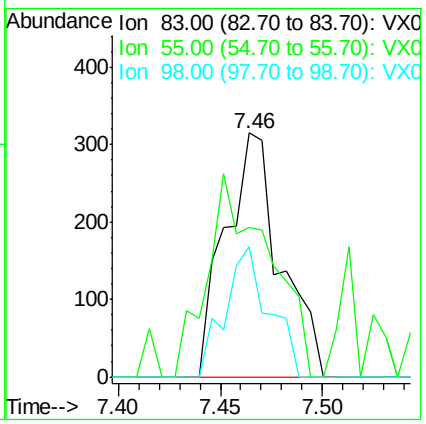


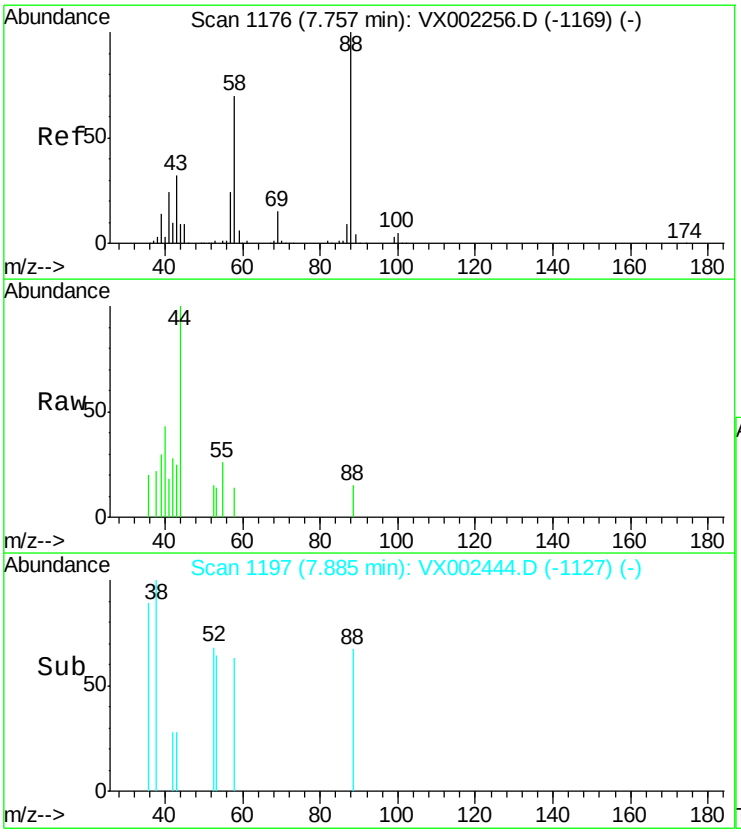
#39
Methylcyclohexane
Concen: 0.39 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument : MSVOA_X
ClientSampleId : Z5TB01-180605

Tgt Ion: 83 Resp: 592

Ion	Ratio	Lower	Upper
83	100		
55	41.9	65.4	98.0#
98	53.3	37.4	56.0

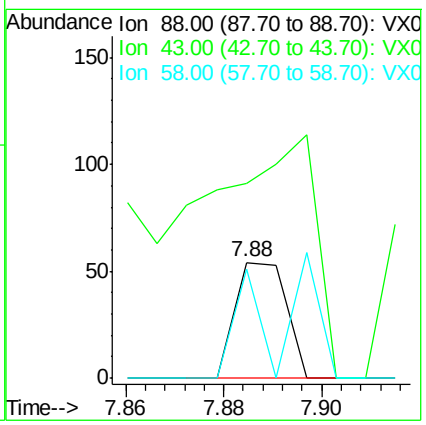


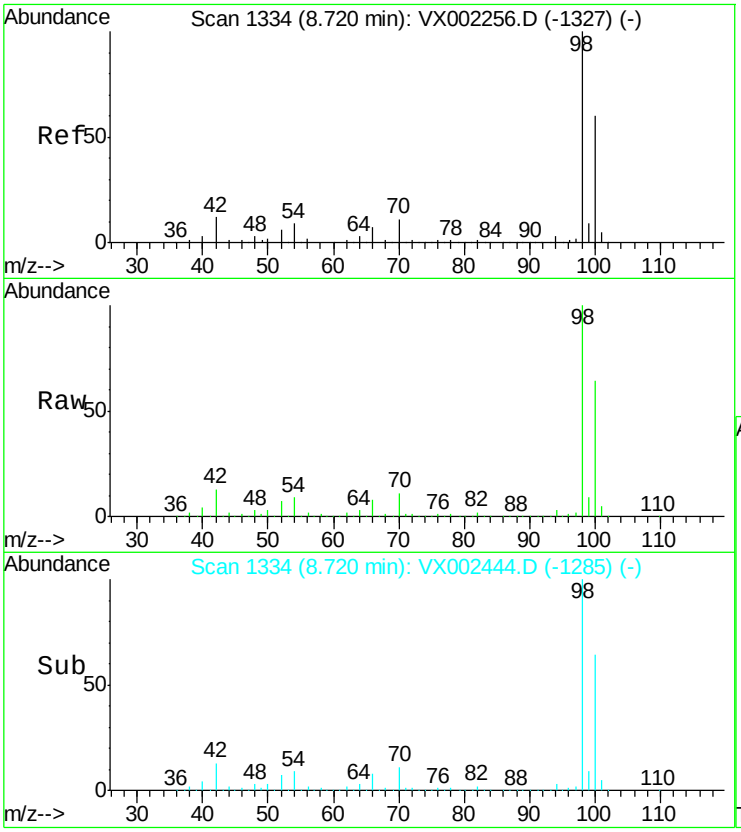


#49
1,4-Dioxane
Concen: 0.56 ug/l
RT: 7.88 min Scan# 1197
Delta R.T. 0.13 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion: 88 Resp: 39

Ion	Ratio	Lower	Upper
88	100		
43	443.6	29.8	44.6#
58	48.7	57.1	85.7#



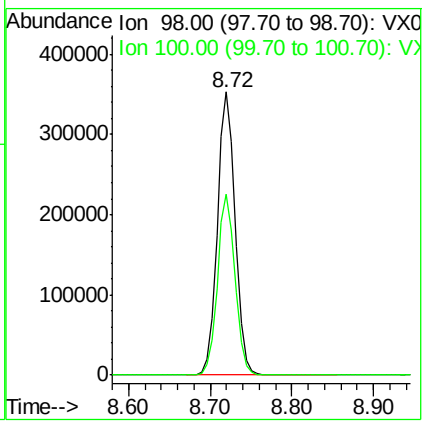


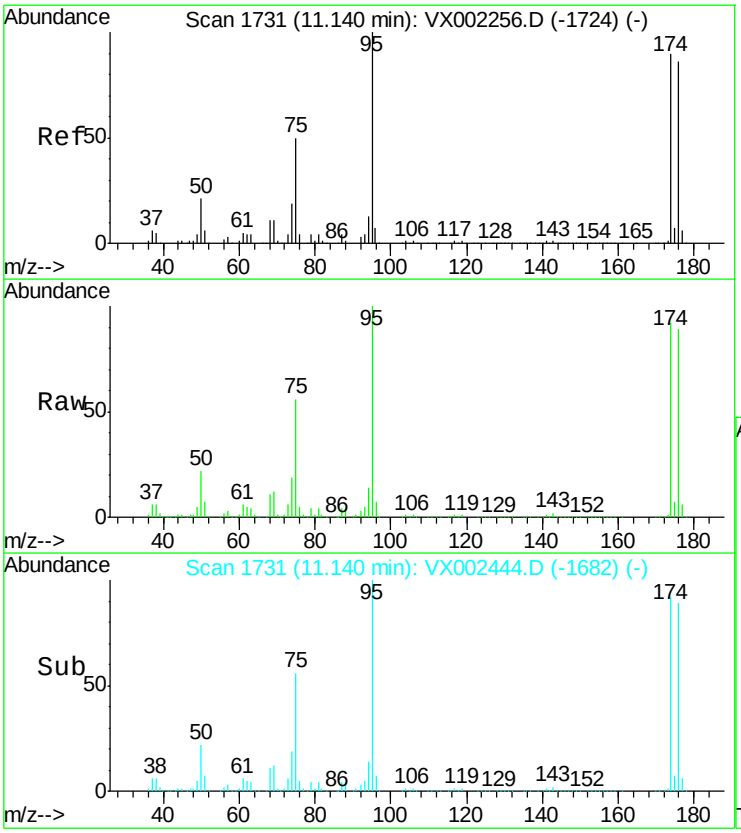
#50
Toluene-d8
Concen: 51.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
Z5TB01-180605

Tgt Ion: 98 Resp: 537930

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3

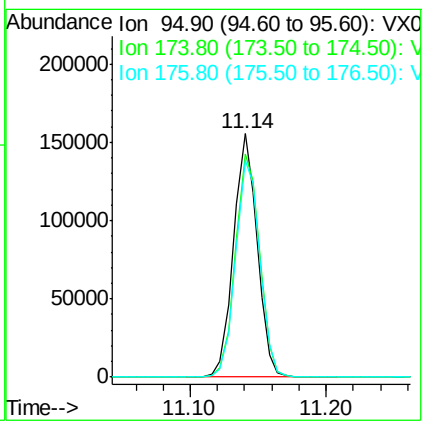


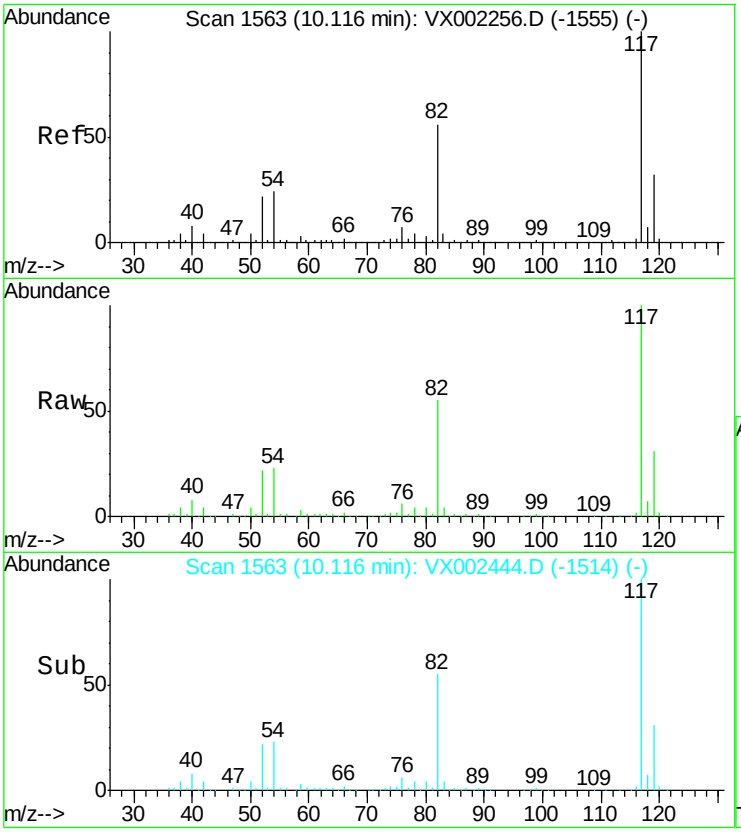


#62
4-Bromofluorobenzene
Concen: 46.96 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion: 95 Resp: 187491

Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	187.4
176	91.2	0.0	181.0



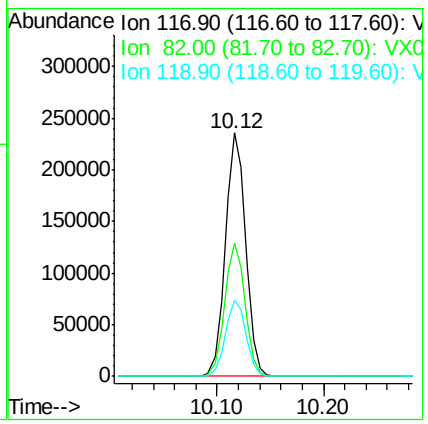


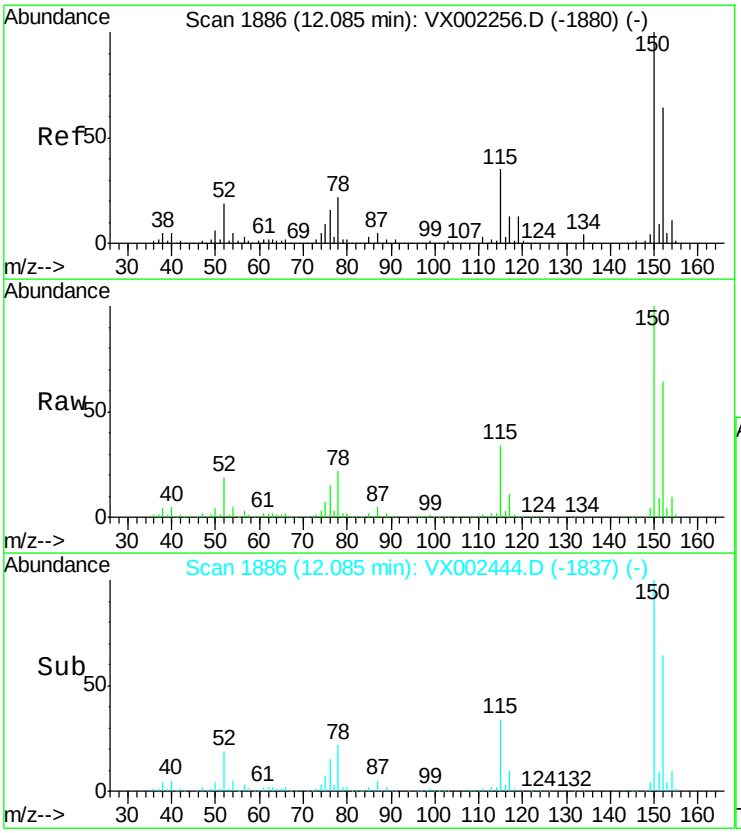
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
Z5TB01-180605

Tgt Ion:117 Resp: 315472

Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.0	67.4
119	31.4	25.8	38.6

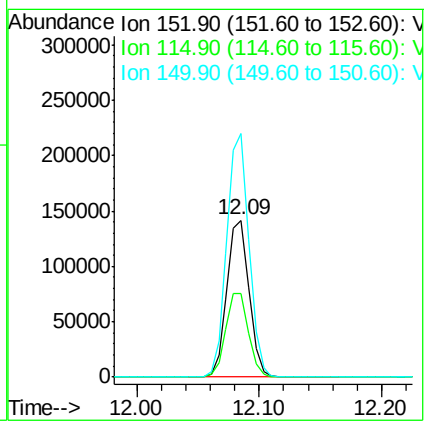


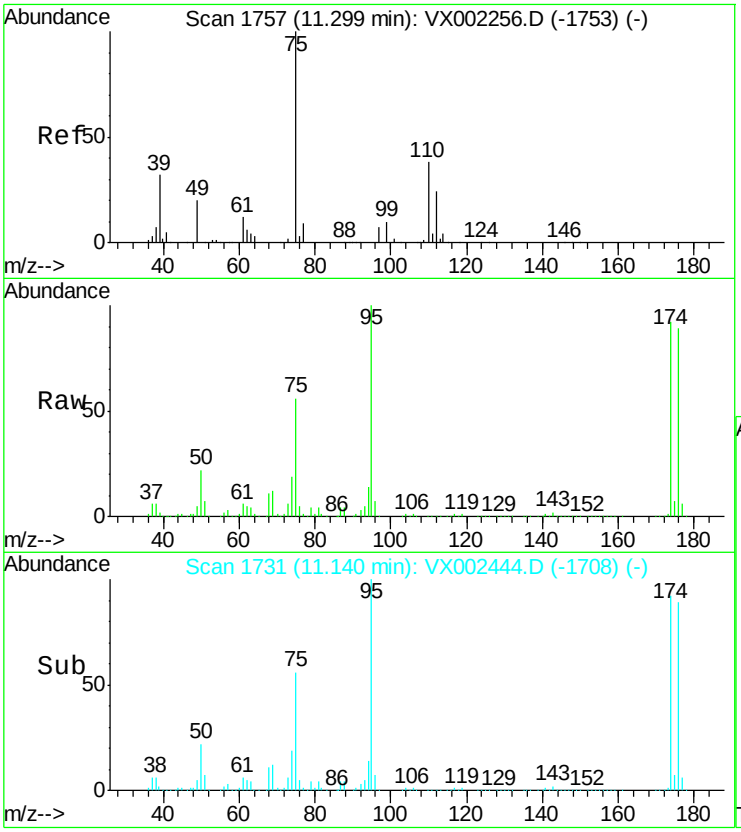


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion:152 Resp: 177052

Ion	Ratio	Lower	Upper
152	100		
115	55.2	40.1	120.2
150	155.2	0.0	347.2



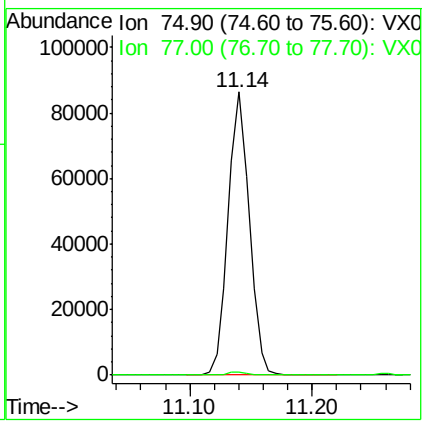


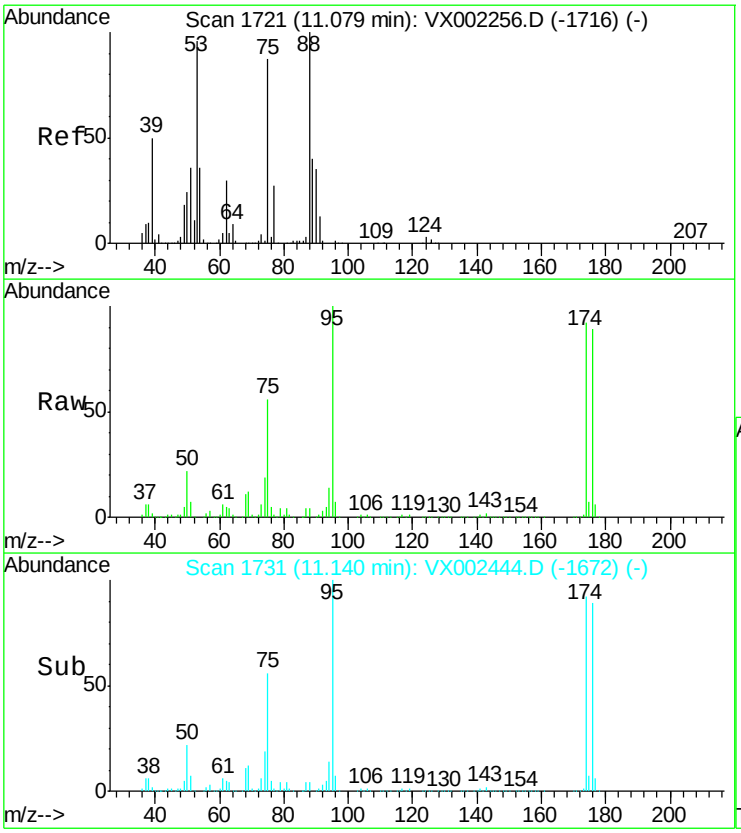
#76
1,2,3-Trichloropropane
Concen: 26.58 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
Z5TB01-180605

Tgt Ion: 75 Resp: 103264

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

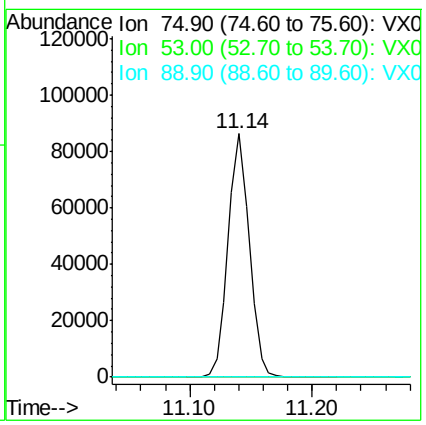


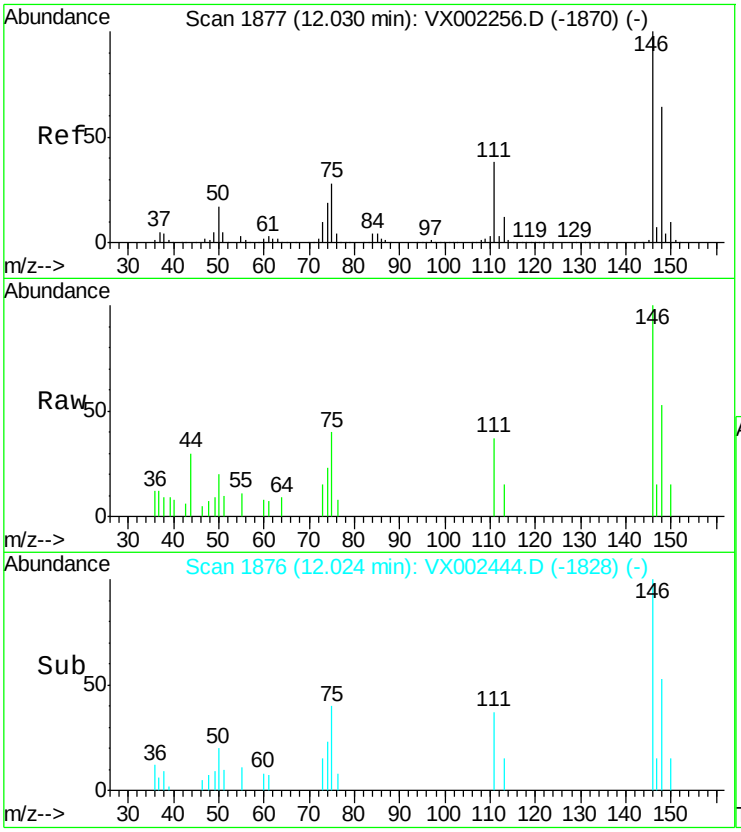


#81
trans-1,4-Dichloro-2-butene
Concen: 93.17 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion: 75 Resp: 103264

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



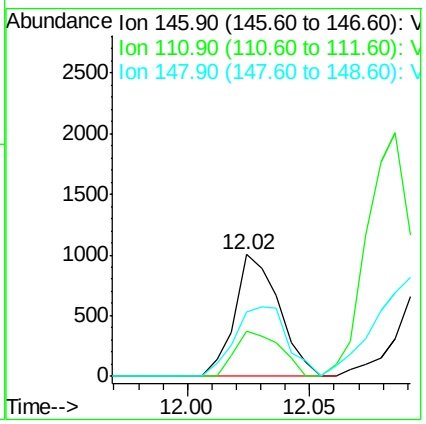


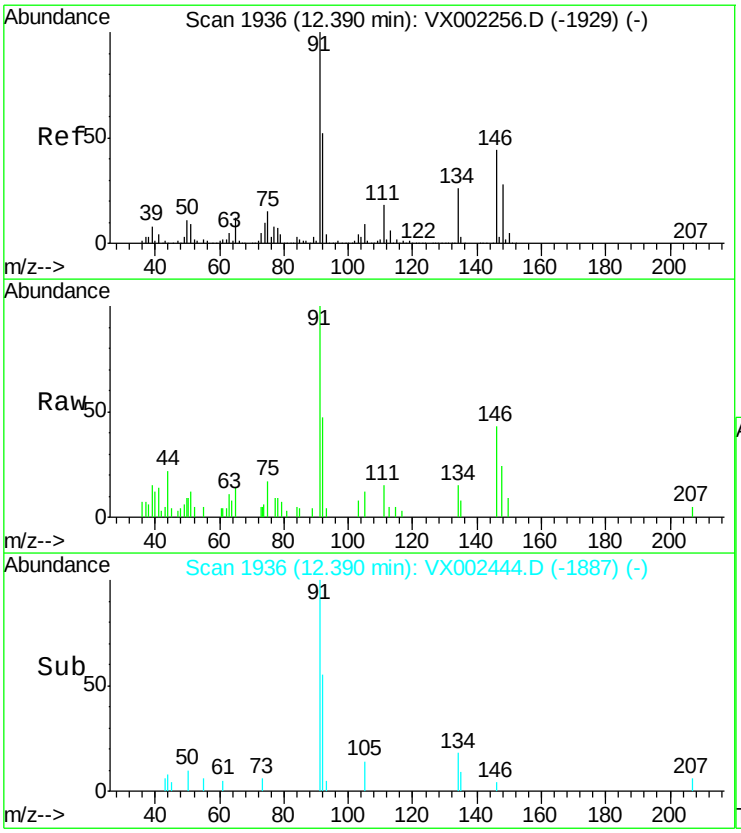
#87
1,3-Dichlorobenzene
Concen: 0.21 ug/l
RT: 12.02 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument : MSVOA_X
ClientSampleId : Z5TB01-180605

Tgt Ion:146 Resp: 1268

Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	68.0	32.1	96.3

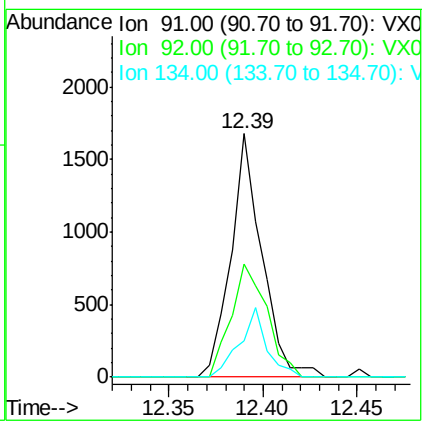


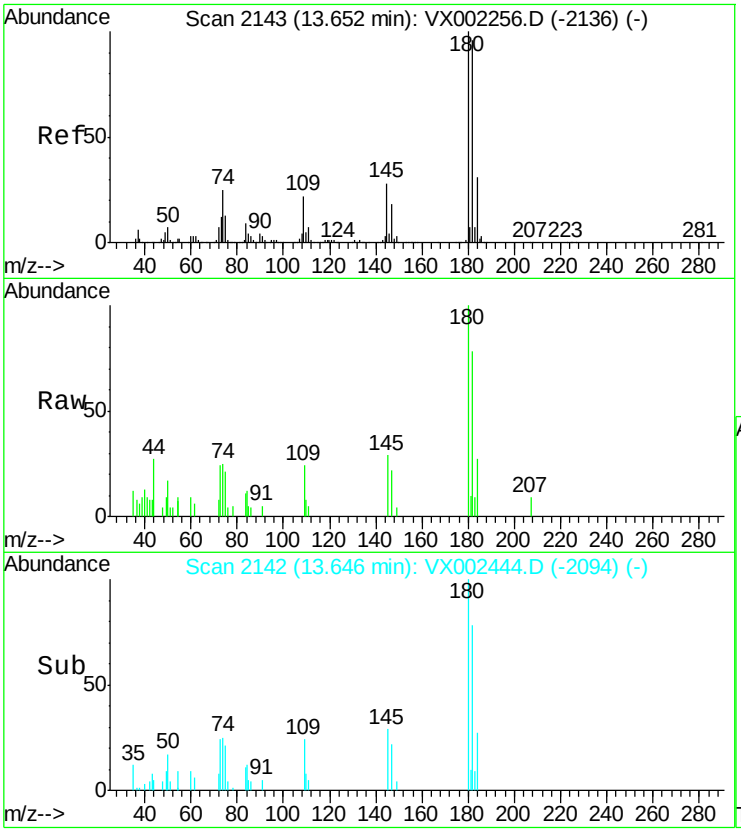


#89
n-Butylbenzene
Concen: 0.21 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion: 91 Resp: 1920

Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.0	78.0
134	24.8	13.5	40.5



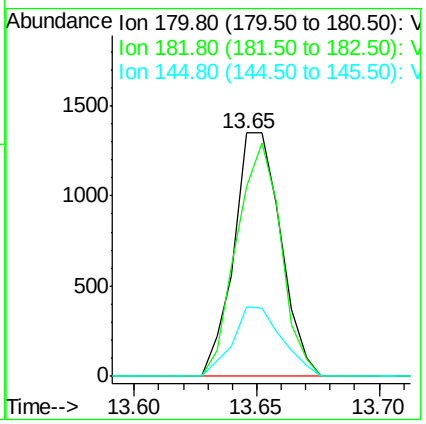


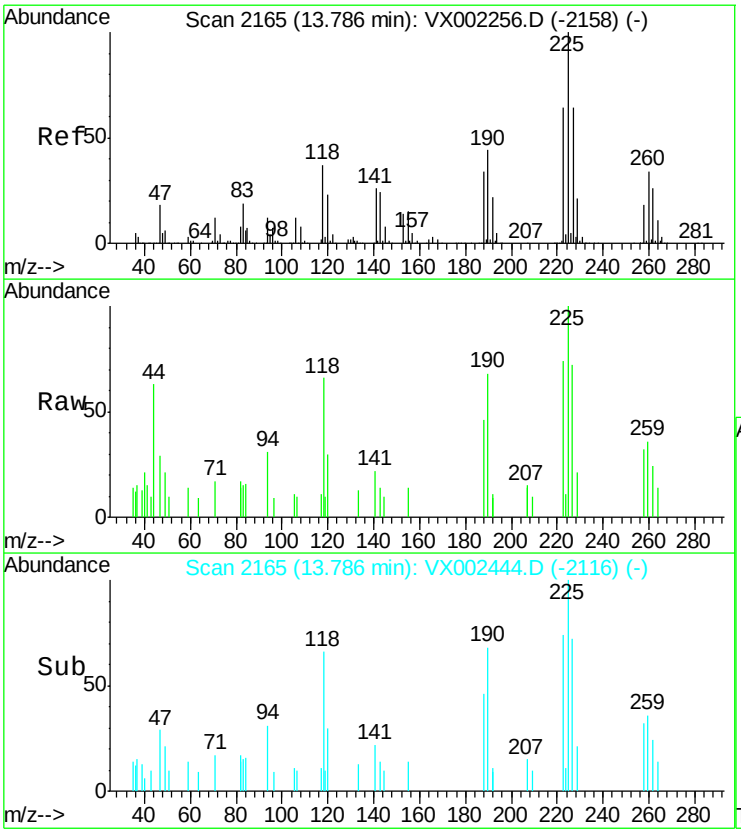
#93
1,2,4-Trichlorobenzene
Concen: 0.40 ug/l
RT: 13.65 min Scan# 2142
Delta R.T. -0.01 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
Z5TB01-180605

Tgt Ion:180 Resp: 1797

Ion	Ratio	Lower	Upper
180	100		
182	90.5	47.7	143.1
145	29.9	14.1	42.4

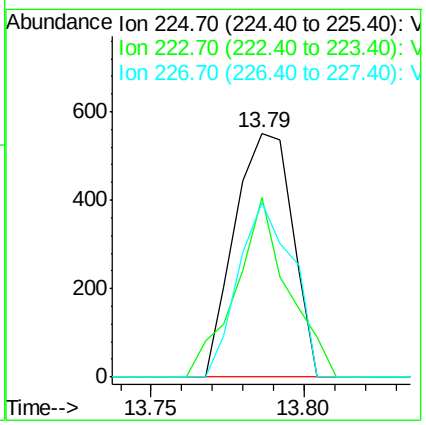


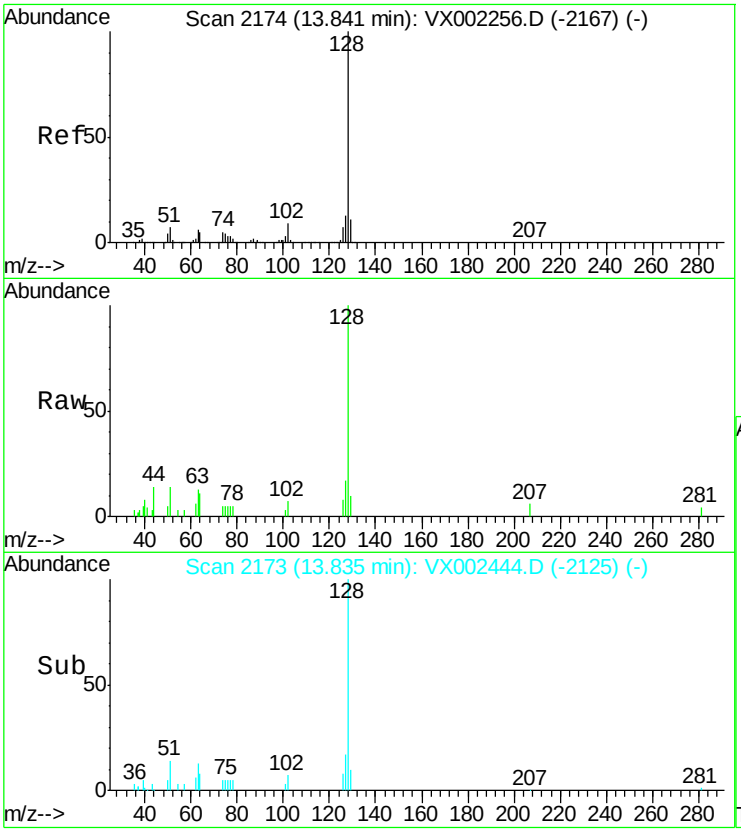


#94
Hexachlorobutadiene
Concen: 0.33 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion:225 Resp: 721

Ion	Ratio	Lower	Upper
225	100		
223	66.9	31.6	95.0
227	67.1	32.4	97.2



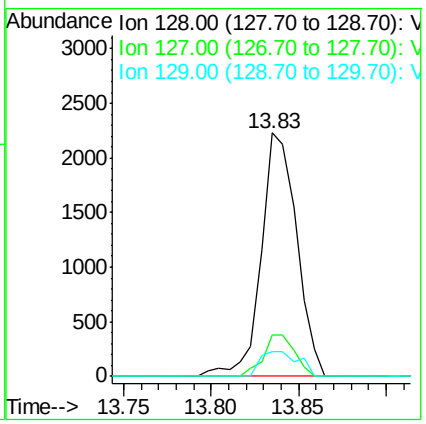


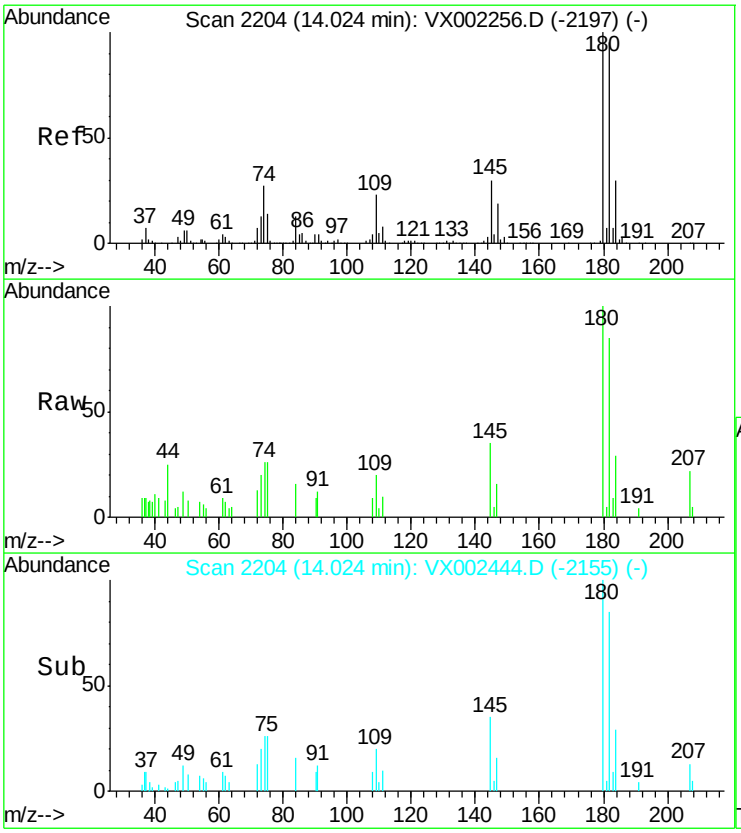
#95
Naphthalene
Concen: 0.25 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
Z5TB01-180605

Tgt Ion:128 Resp: 3158

Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.4	15.6
129	11.1	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.35 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion:180 Resp: 1583

Ion	Ratio	Lower	Upper
180	100		
182	82.2	48.0	144.0
145	32.0	14.8	44.3