Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
Data File : VX002379.D
Acq On : 07 Jun 2018 15:54
Operator : JC/MD
Sample : J3340-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF5-0064

Quant Time: Jun 07 16:47:10 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	227192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331469	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174769	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.16%			
35) Dibromofluoromethane	5.51	113	129183	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.12%			
50) Toluene-d8	8.72	98	519643	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.02%			
62) 4-Bromofluorobenzene	11.14	95	179944	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.40%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	683	Below Cal	#	75
5) Bromomethane	1.64	94	1448	Below Cal		98
6) Chloroethane	1.71	64	527	0.274 ug/l	#	72
8) Diethyl Ether	2.23	74	54	Below Cal		86
10) Methyl Iodide	2.53	142	2659	0.772 ug/l	#	91
11) Tert butyl alcohol	3.03	59	2092	Below Cal	#	90
13) Acrolein	2.29	56	111	Below Cal	#	1
15) Acrylonitrile	3.16	53	675	Below Cal	#	76
16) Acetone	2.45	43	6678	Below Cal	#	89
17) Carbon Disulfide	2.57	76	1549	0.243 ug/l		96
18) Methyl Acetate	2.78	43	1384	Below Cal	#	87
19) Methyl tert-butyl Ether	3.20	73	217	Below Cal	#	1
20) Methylene Chloride	2.86	84	696	Below Cal	#	90
22) Diisopropyl ether	3.87	45	28	Below Cal	#	1
28) Bromochloromethane	5.02	49	135	Below Cal	#	48
38) Carbon Tetrachloride	5.67	117	21247	5.828 ug/l	#	15
39) Methylcyclohexane	7.47	83	474	0.372 ug/l		89
49) 1,4-Dioxane	8.01	88	21	0.314 ug/l	#	1
68) m/p-Xylenes	10.37	106	1179	0.242 ug/l		91
76) 1,2,3-Trichloropropane	11.14	75	98274	26.204 ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	98274	91.853 ug/l	#	7
87) 1,3-Dichlorobenzene	12.03	146	1439	0.241 ug/l		98
88) 1,4-Dichlorobenzene	12.03	146	1439	0.234 ug/l		97
93) 1,2,4-Trichlorobenzene	13.65	180	1516	0.350 ug/l		97
94) Hexachlorobutadiene	13.79	225	484	0.226 ug/l		80
95) Naphthalene	13.84	128	2790	0.224 ug/l		98
96) 1,2,3-Trichlorobenzene	14.03	180	1251	0.283 ug/l		92

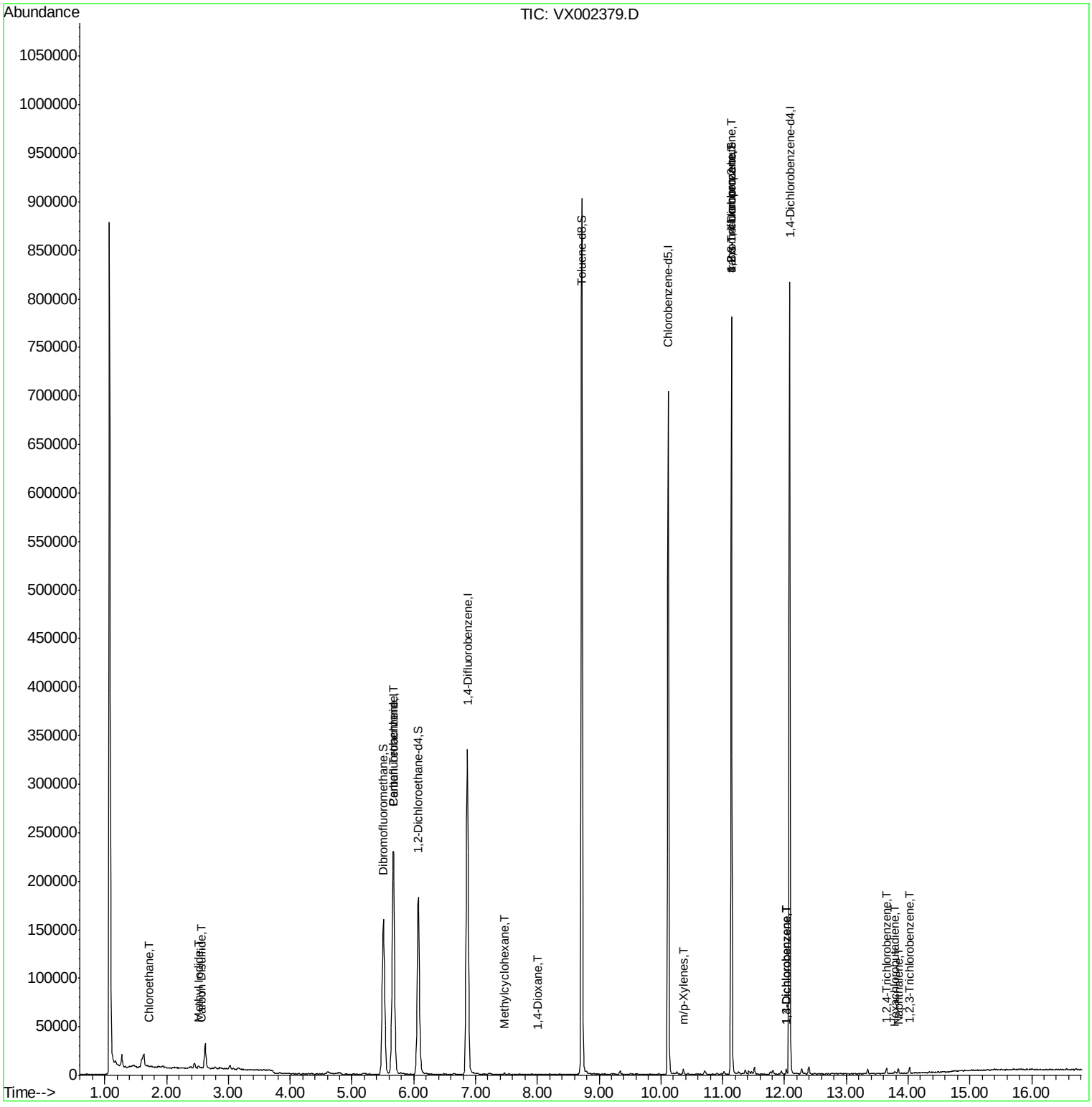
(#) = qualifier out of range (m) = manual integration (+) = signals summed

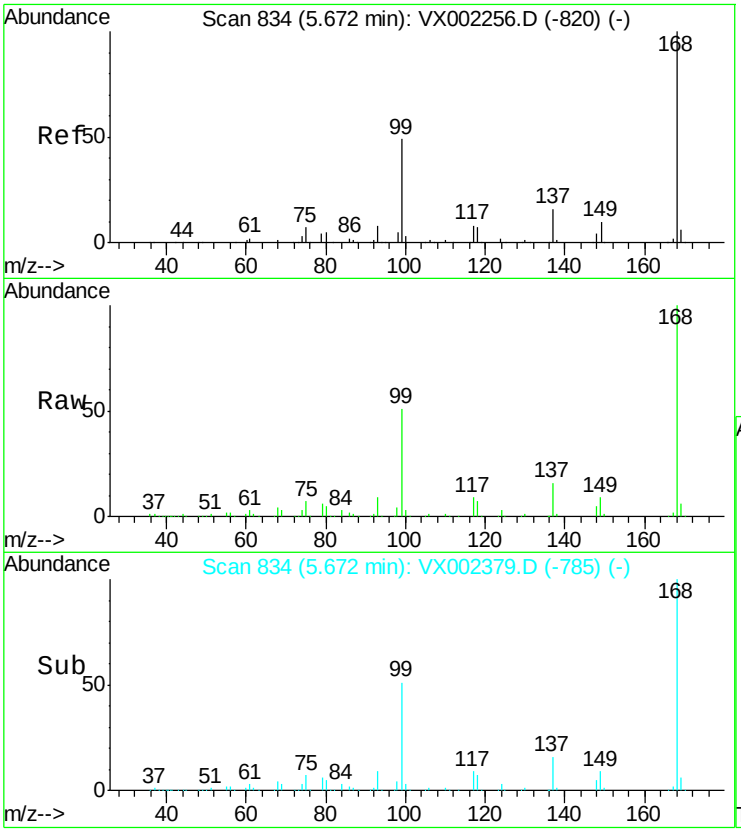
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060718\
Data File : VX002379.D
Acq On : 07 Jun 2018 15:54
Operator : JC/MD
Sample : J3340-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF5-0064

Quant Time: Jun 07 16:47:10 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



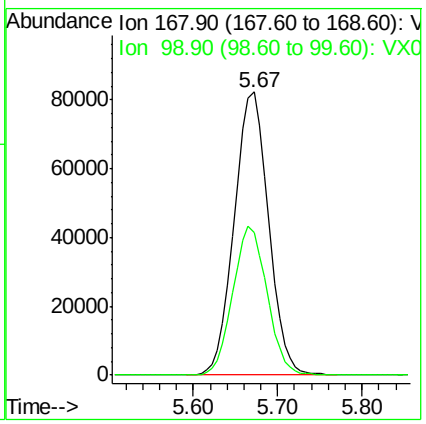


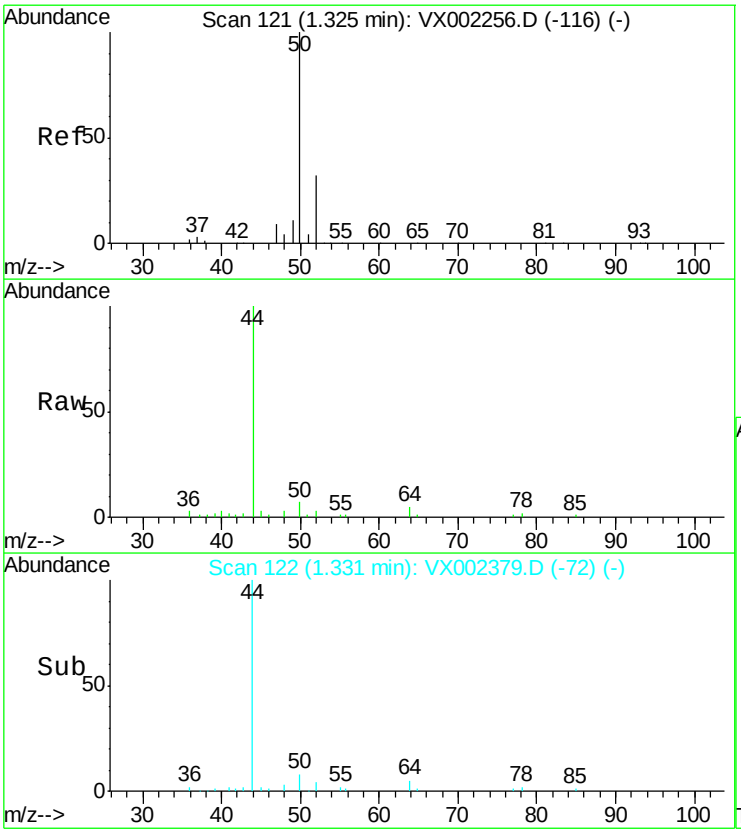
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument : MSVOA_X
ClientSampleId : LF5-0064

Tgt Ion:168 Resp: 227192

Ion	Ratio	Lower	Upper
168	100		
99	50.5	39.3	58.9

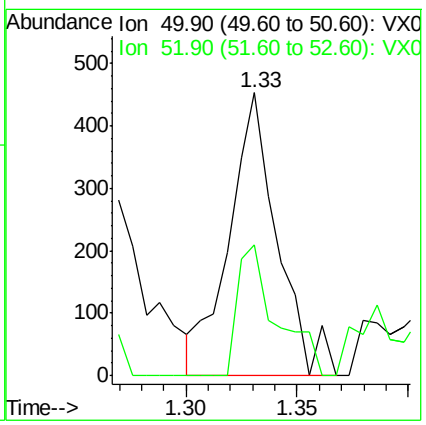


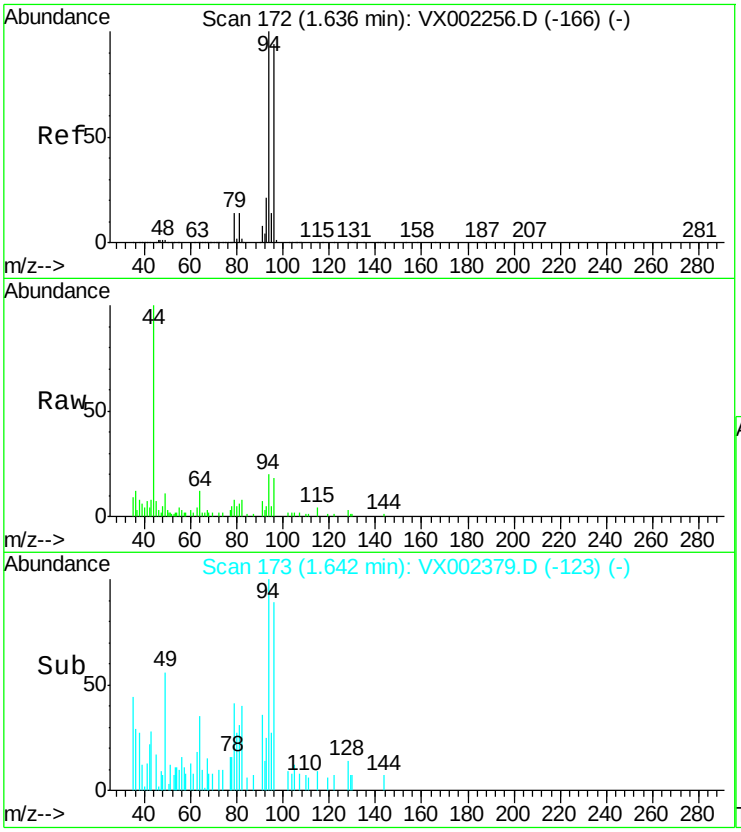


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion: 50 Resp: 683

Ion	Ratio	Lower	Upper
50	100		
52	46.1	25.7	38.5#



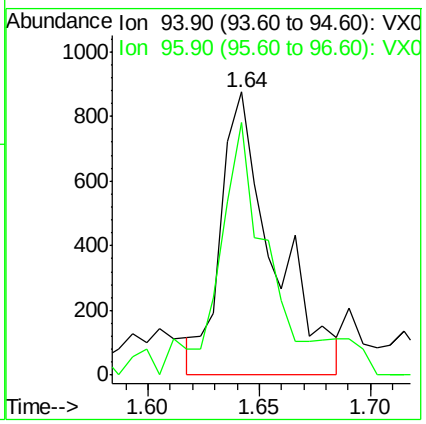


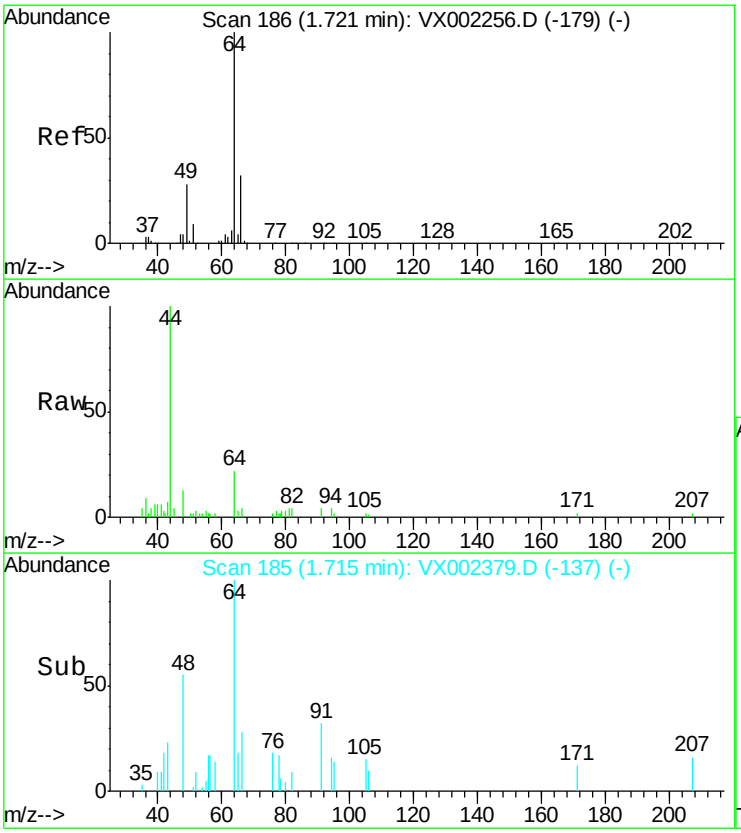
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument : MSVOA_X
ClientSampleId : LF5-0064

Tgt Ion: 94 Resp: 1448

Ion	Ratio	Lower	Upper
94	100		
96	92.1	74.9	112.3

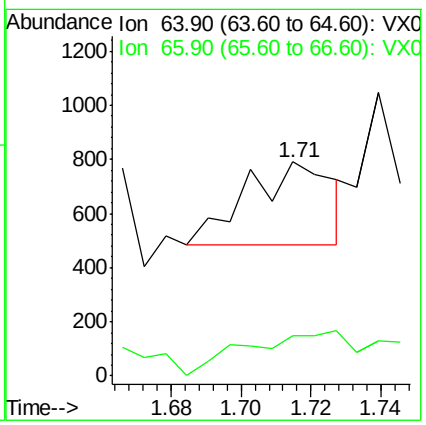


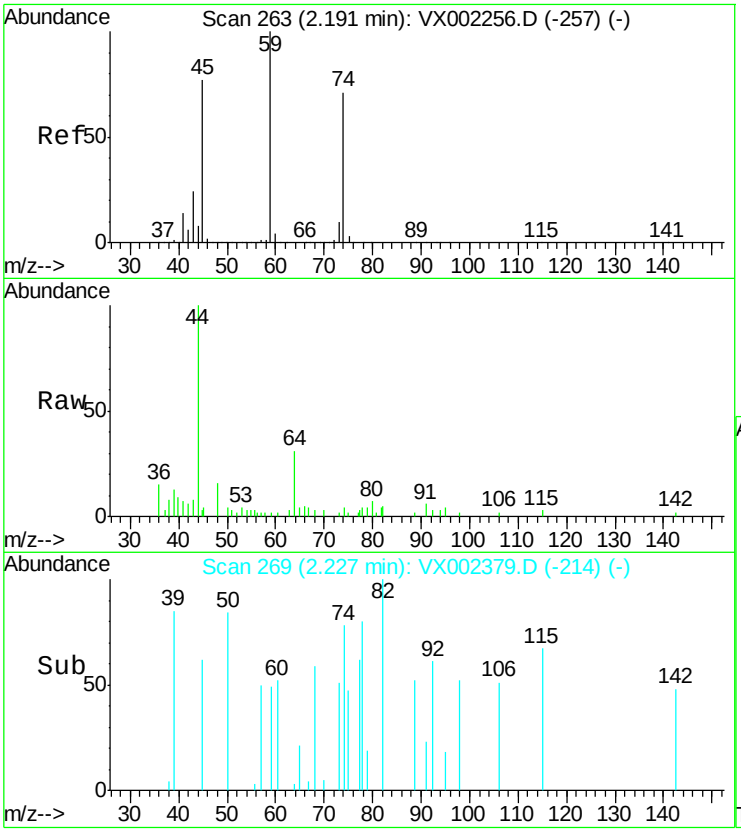


#6
Chloroethane
Concen: 0.274 ug/l
RT: 1.71 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion: 64 Resp: 527

Ion	Ratio	Lower	Upper
64	100		
66	47.7	25.5	38.3#



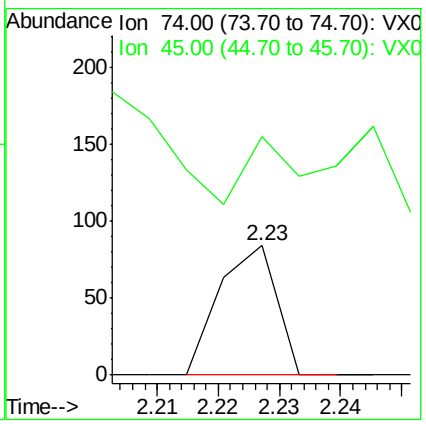


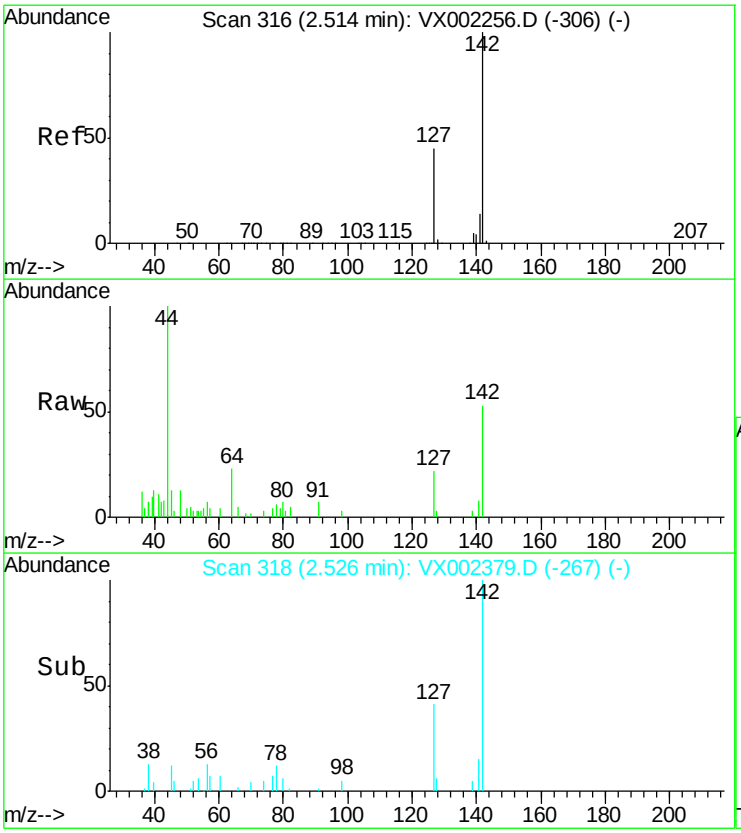
#8
Diethyl Ether
Concen: Below Cal
RT: 2.23 min Scan# 269
Delta R.T. 0.04 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument : MSVOA_X
ClientSampleId : LF5-0064

Tgt Ion: 74 Resp: 54

Ion	Ratio	Lower	Upper
74	100		
45	120.4	53.1	159.4

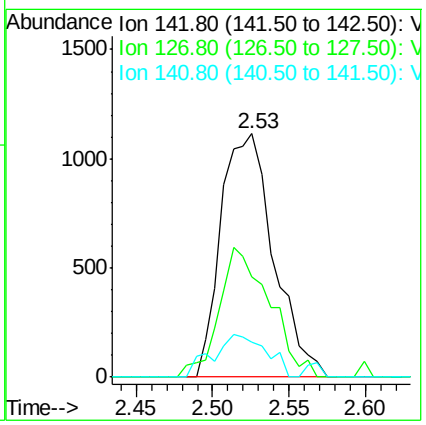


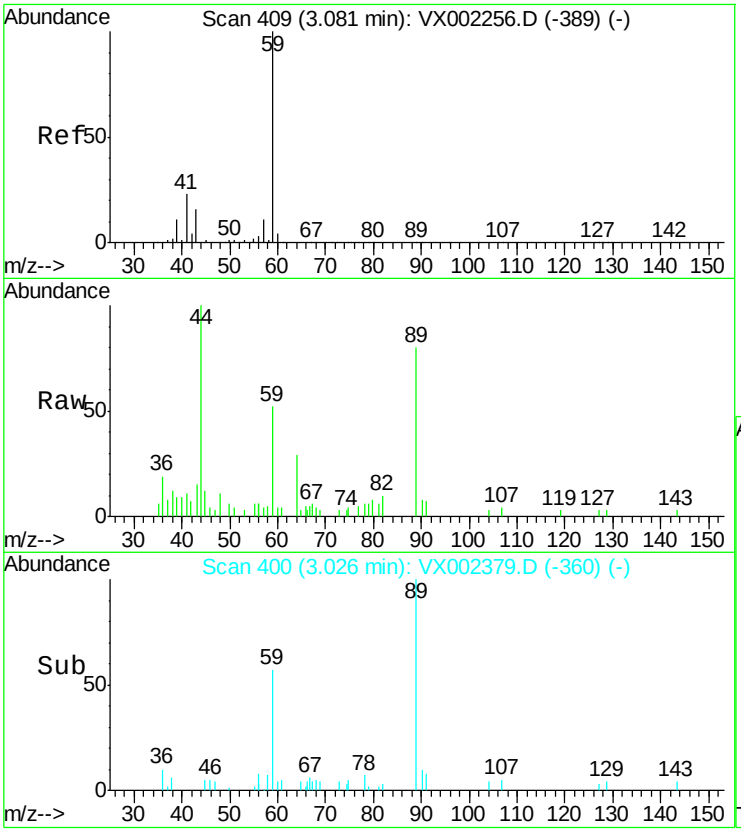


#10
Methyl Iodide
Concen: 0.772 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion:142 Resp: 2659

Ion	Ratio	Lower	Upper
142	100		
127	51.3	36.6	55.0
141	17.9	11.3	16.9#



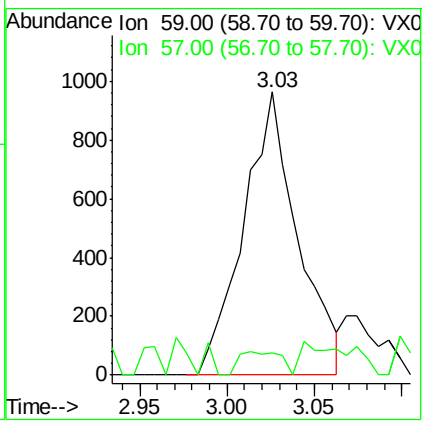


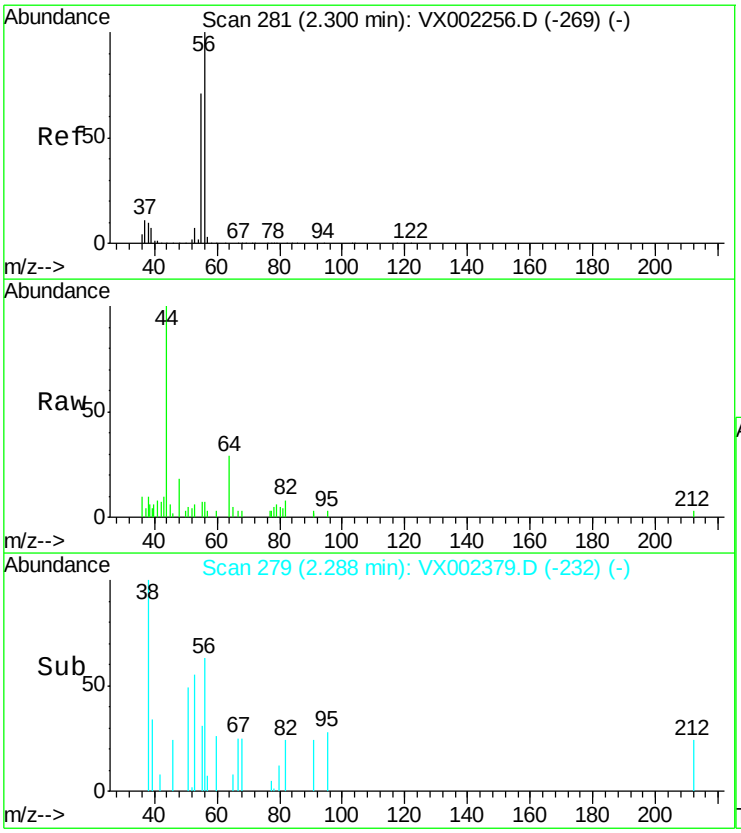
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
LF5-0064

Tgt Ion: 59 Resp: 2092

Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.2	12.2#

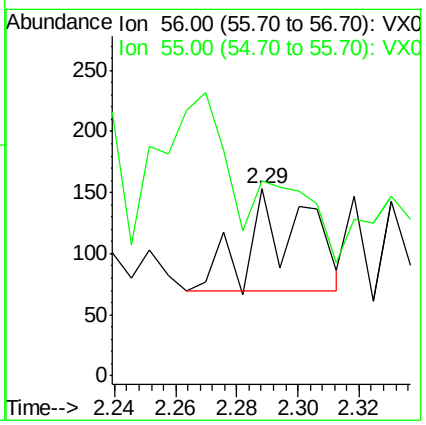


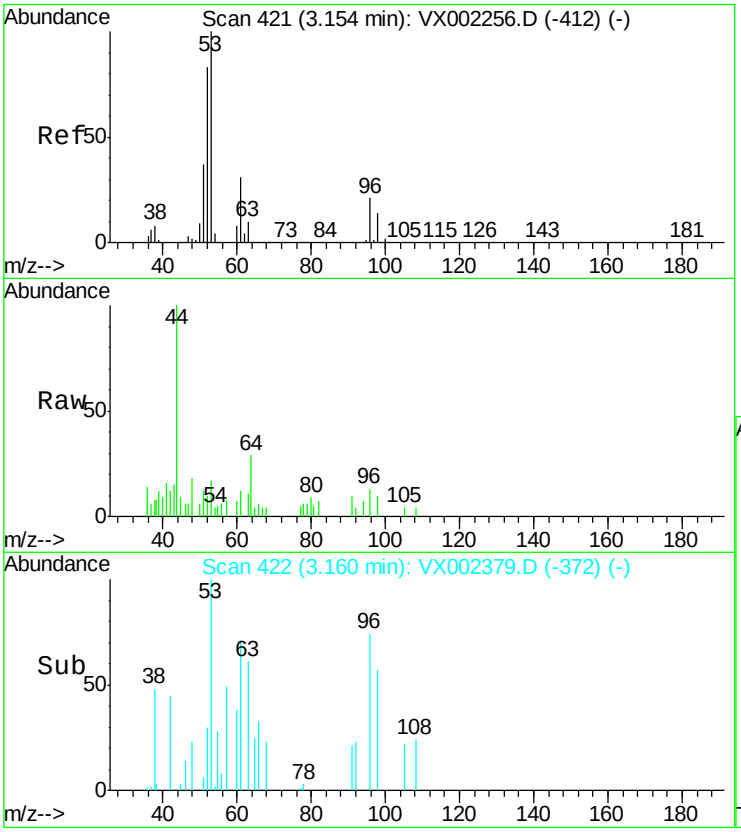


#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion: 56 Resp: 111

Ion	Ratio	Lower	Upper
56	100		
55	158.6	57.0	85.4#



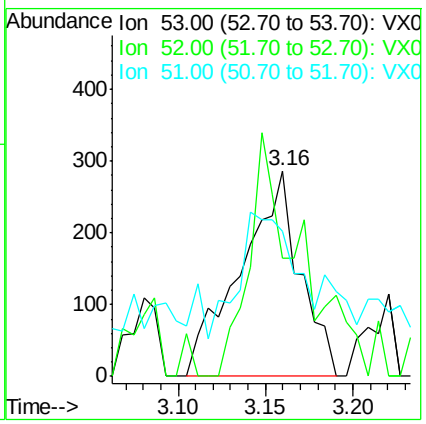


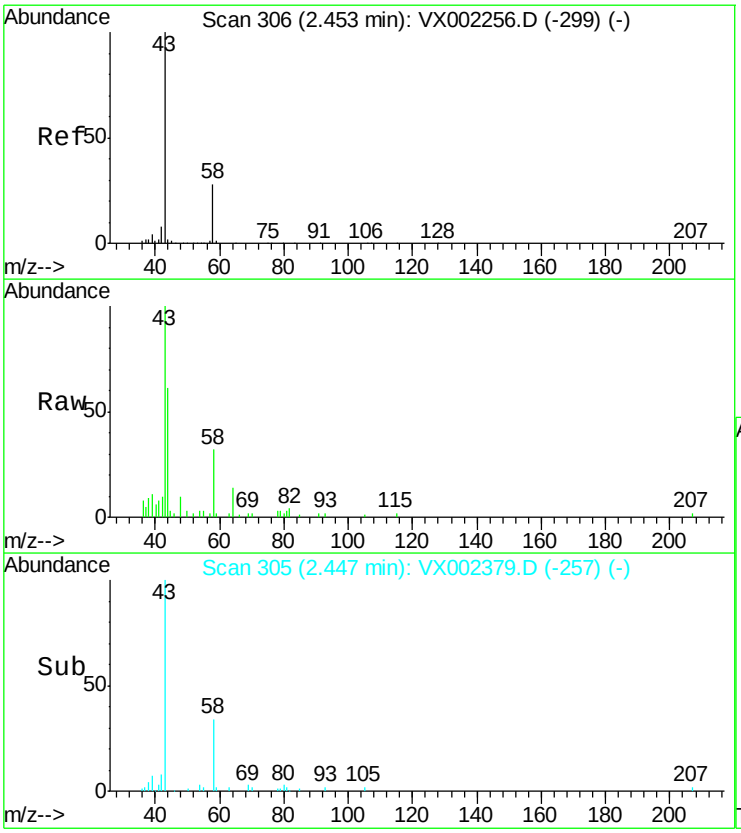
#15
Acrylonitrile
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
LF5-0064

Tgt Ion: 53 Resp: 675

Ion	Ratio	Lower	Upper
53	100		
52	101.9	66.7	100.1#
51	56.7	29.9	44.9#

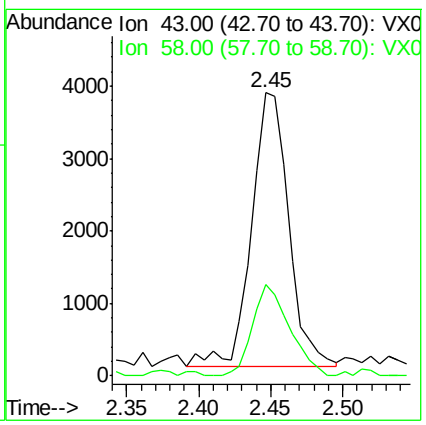


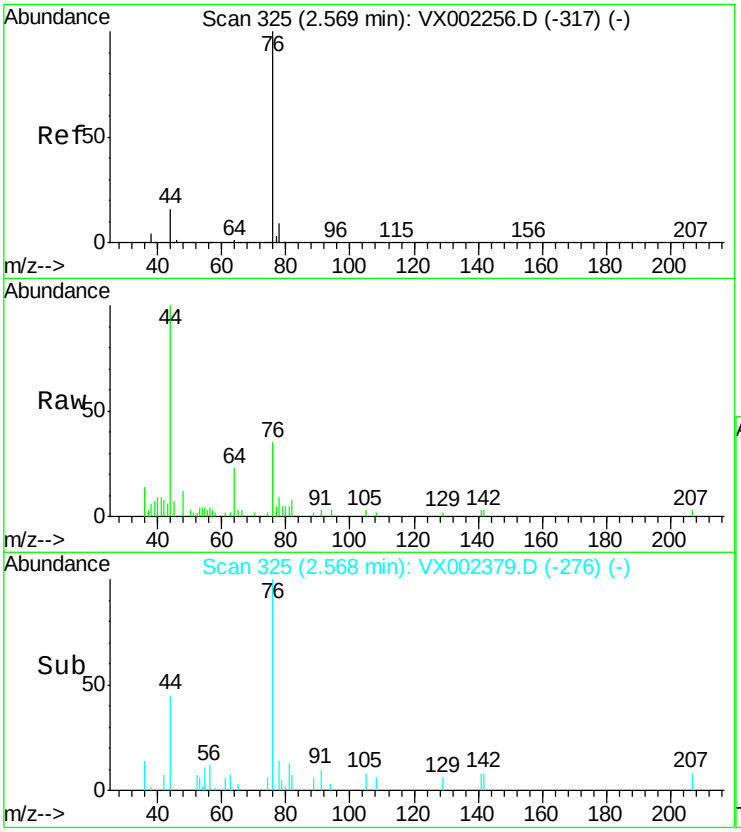


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion: 43 Resp: 6678

Ion	Ratio	Lower	Upper
43	100		
58	33.4	22.1	33.1#



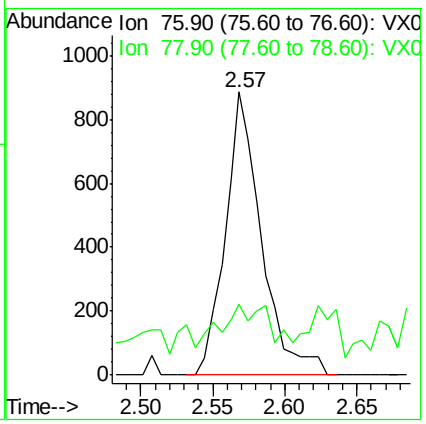


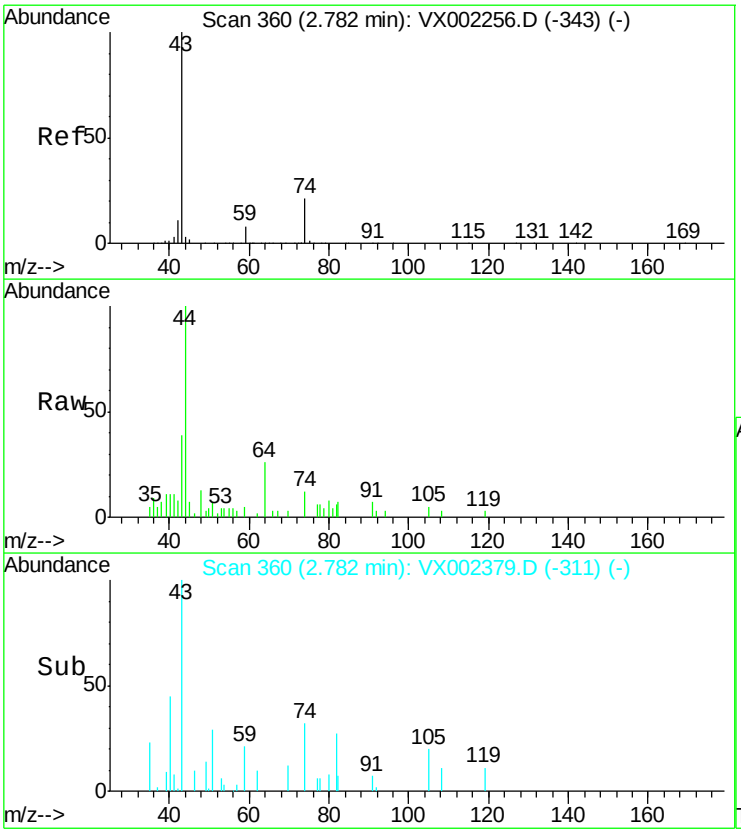
#17
Carbon Disulfide
Concen: 0.243 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument : MSVOA_X
ClientSampleId : LF5-0064

Tgt Ion: 76 Resp: 1549

Ion	Ratio	Lower	Upper
76	100		
78	7.1	6.9	10.3

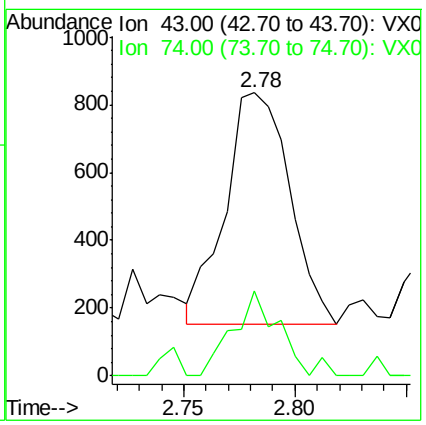


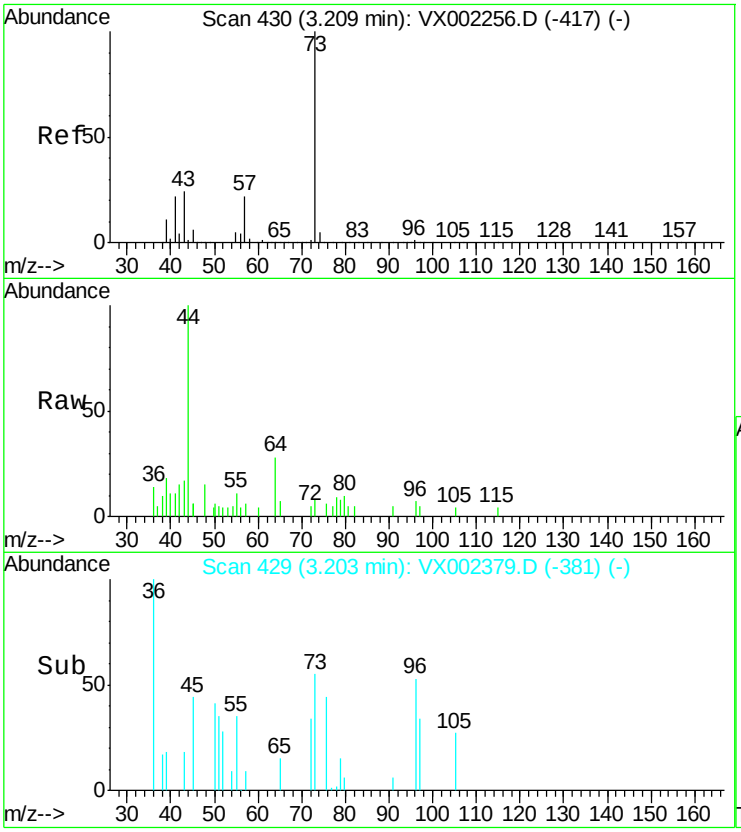


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion: 43 Resp: 1384

Ion	Ratio	Lower	Upper
43	100		
74	26.8	16.7	25.1#



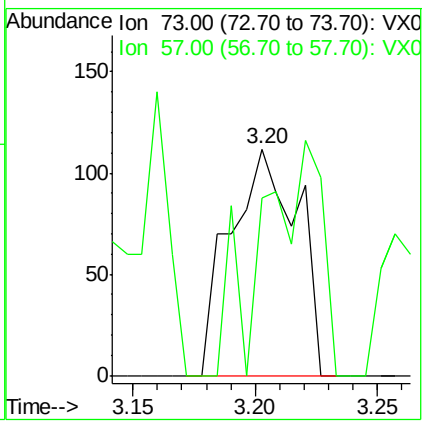


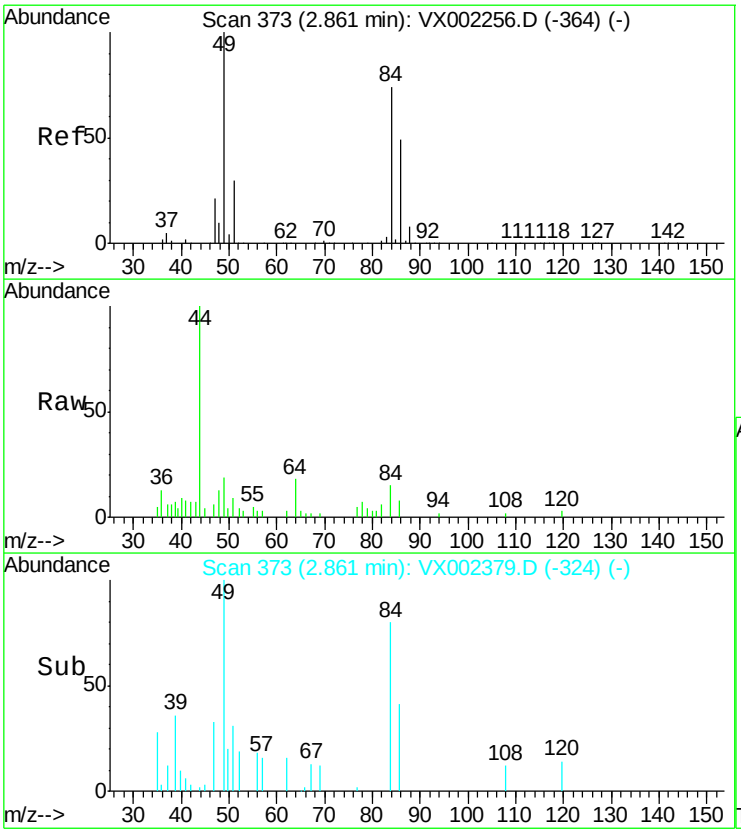
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
LF5-0064

Tgt Ion: 73 Resp: 217

Ion	Ratio	Lower	Upper
73	100		
57	78.6	17.7	26.5#

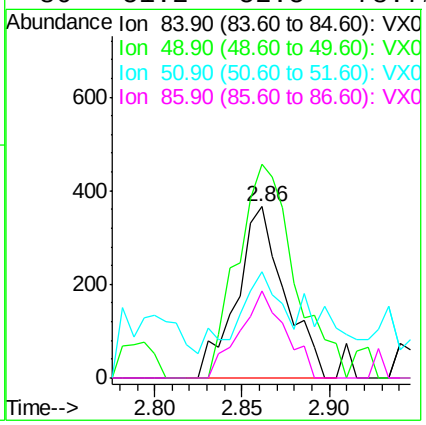


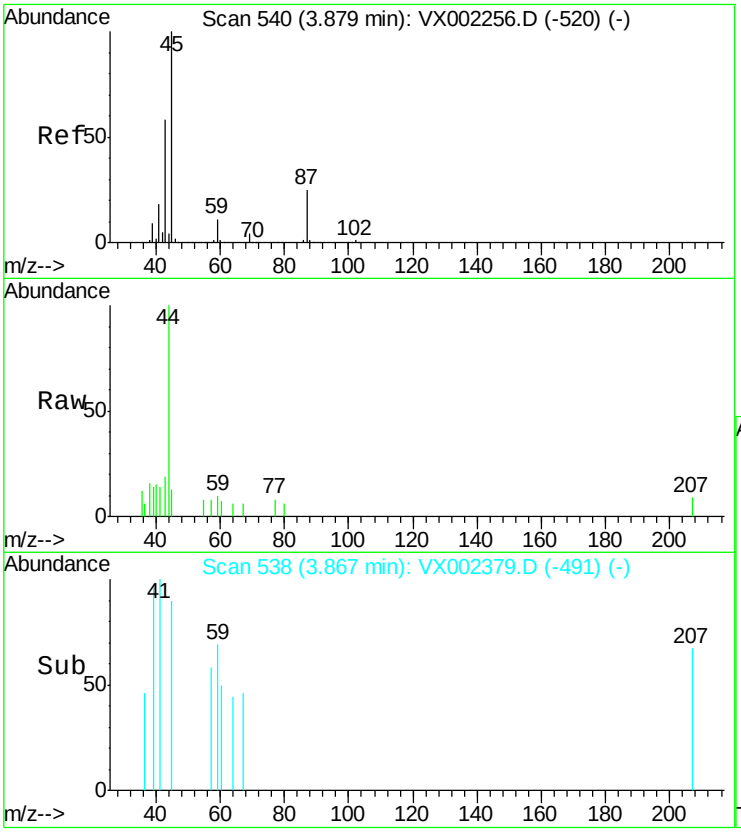


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion: 84 Resp: 696

Ion	Ratio	Lower	Upper
84	100		
49	124.9	107.8	161.6
51	42.5	32.8	49.2
86	51.2	52.5	78.7#



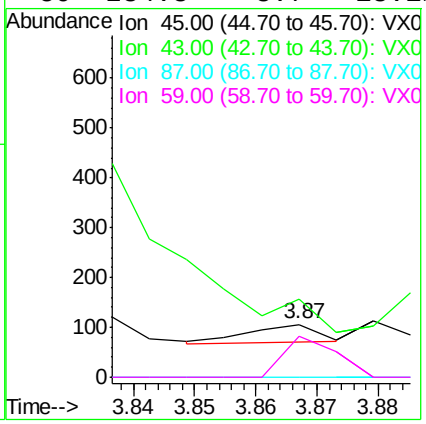


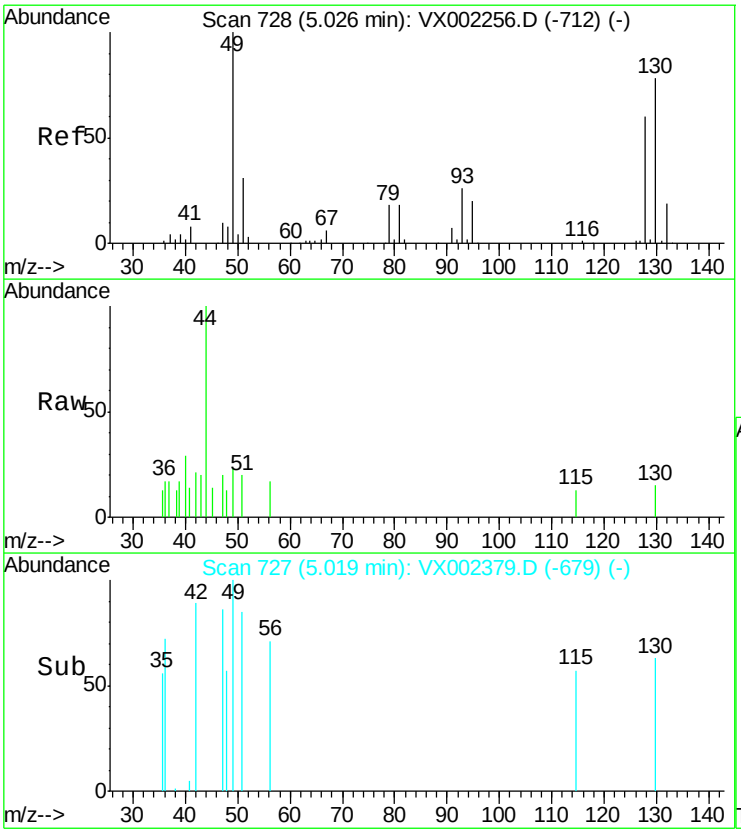
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument : MSVOA_X
ClientSampleId : LF5-0064

Tgt Ion: 45 Resp: 28

Ion	Ratio	Lower	Upper
45	100		
43	188.6	46.8	70.2#
87	0.0	20.2	30.4#
59	234.3	8.7	13.1#

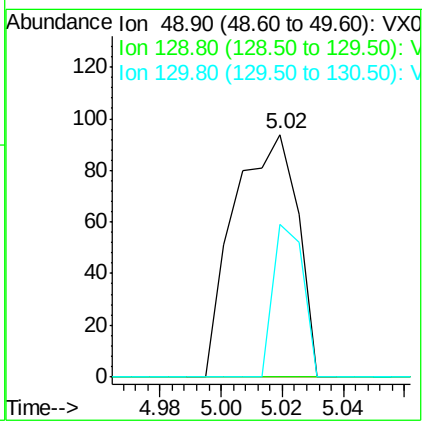


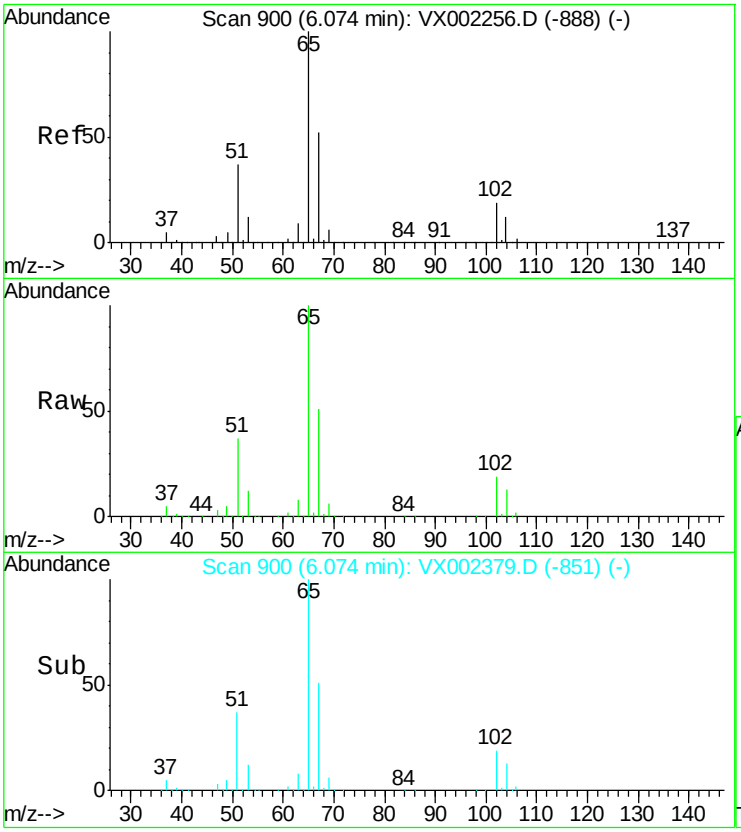


#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion: 49 Resp: 135

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	30.4	61.2	91.8#



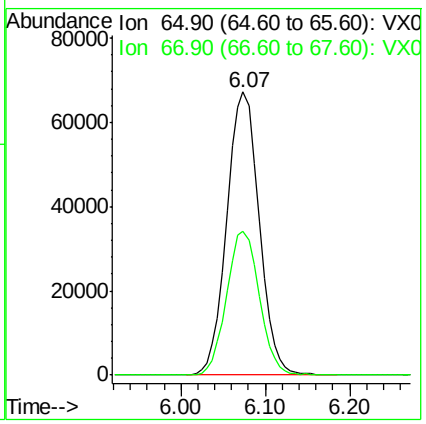


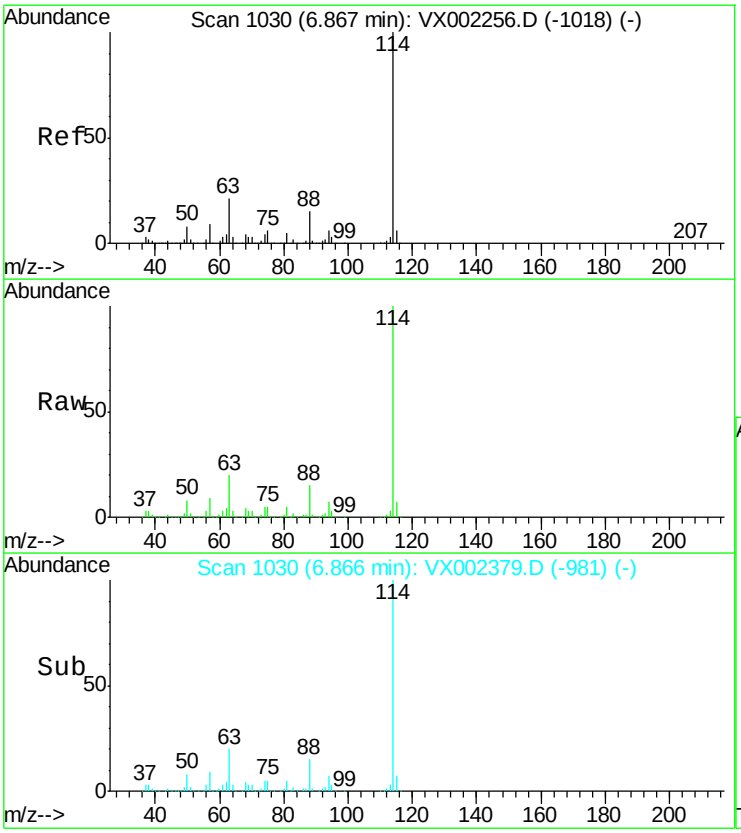
#33
1,2-Dichloroethane-d4
Concen: 54.076 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument : MSVOA_X
ClientSampleId : LF5-0064

Tgt Ion: 65 Resp: 174769

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6

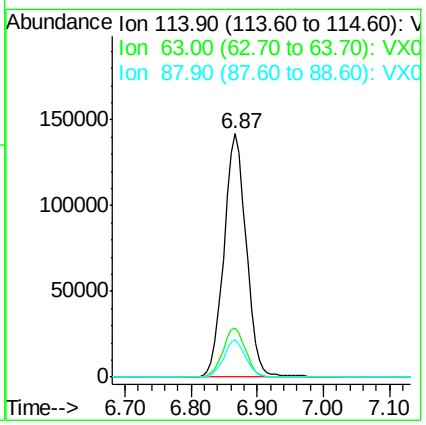


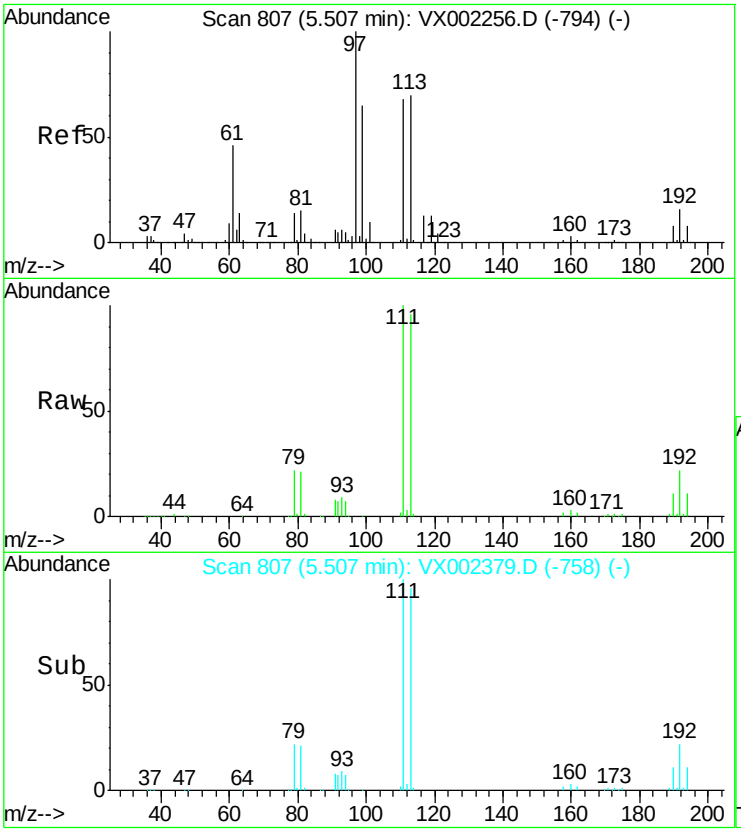


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion:114 Resp: 331469

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.4
88	15.4	0.0	30.0



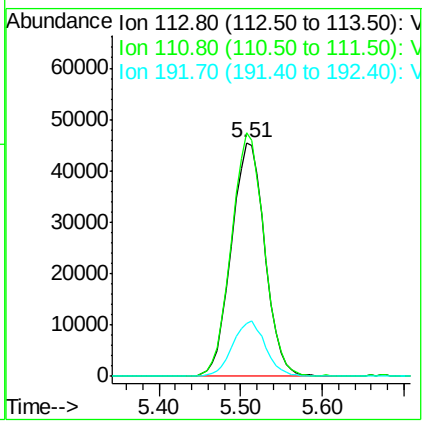


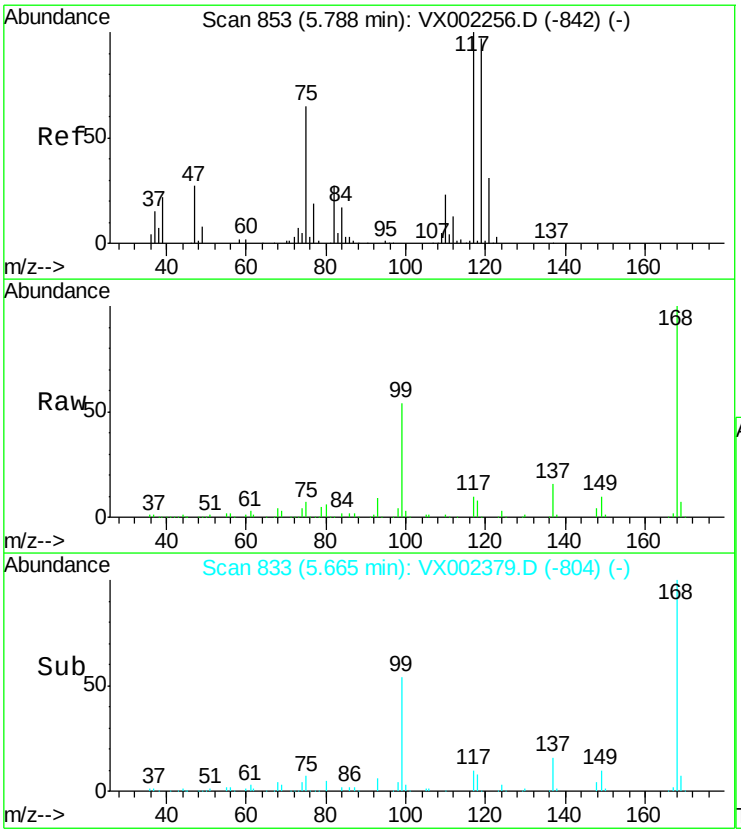
#35
Dibromofluoromethane
Concen: 49.558 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
LF5-0064

Tgt Ion:113 Resp: 129183

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.0
192	23.3	19.1	28.7

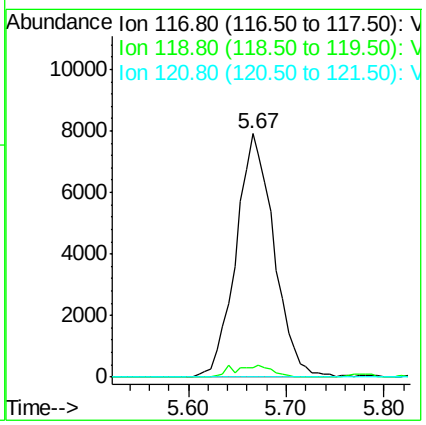


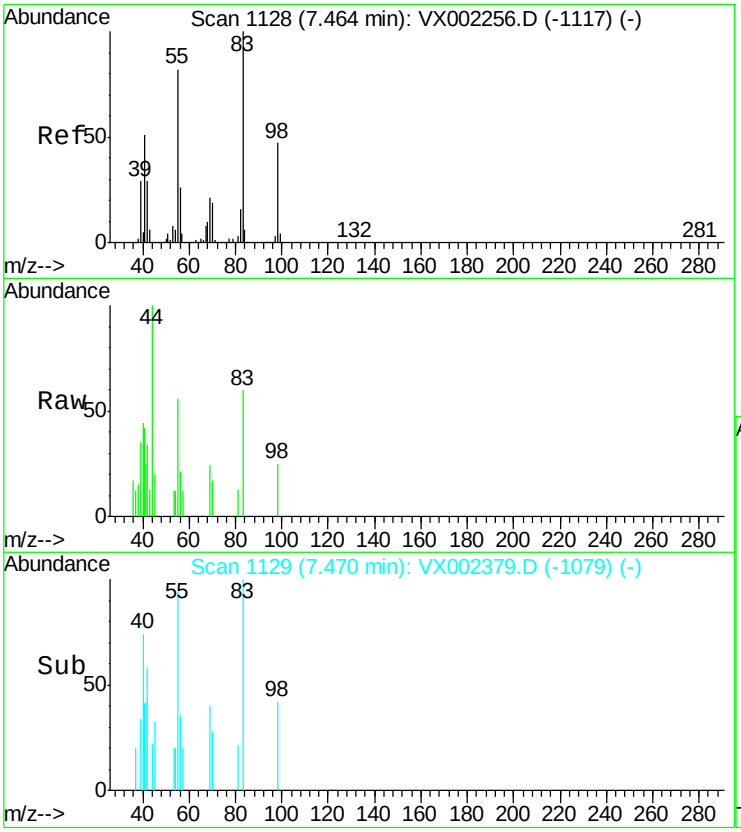


#38
Carbon Tetrachloride
Concen: 5.828 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion:117 Resp: 21247

Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.4	116.0#
121	0.0	24.4	36.6#



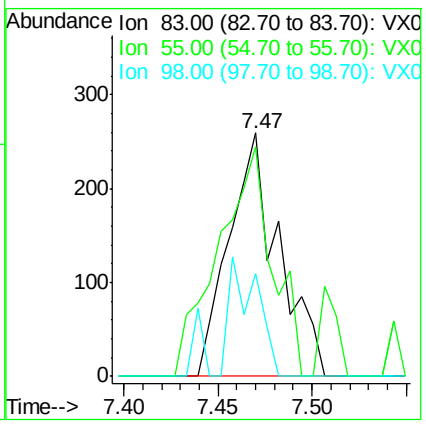


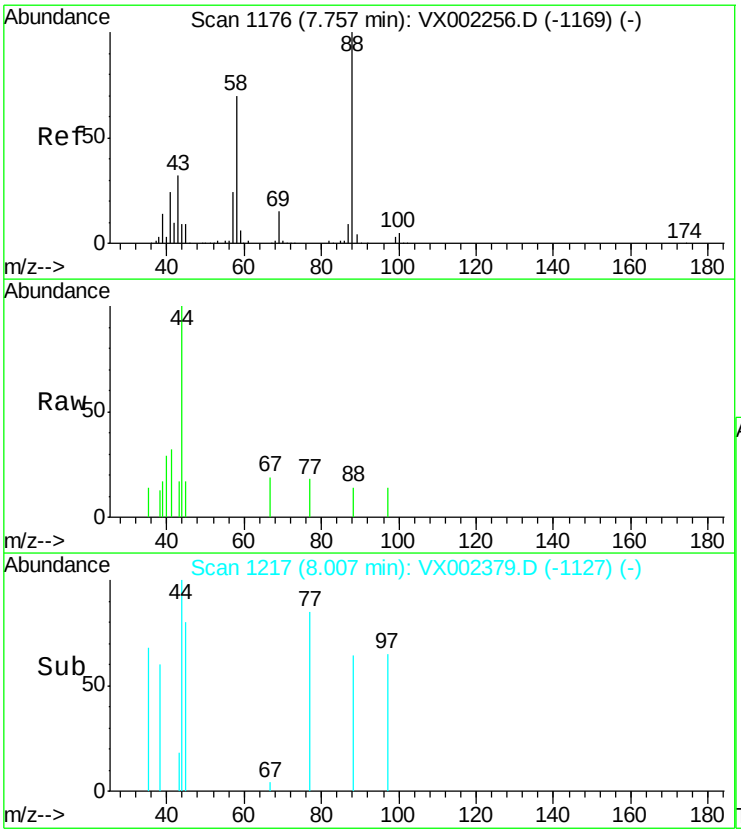
#39
Methylcyclohexane
Concen: 0.372 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument : MSVOA_X
ClientSampleId : LF5-0064

Tgt Ion: 83 Resp: 474

Ion	Ratio	Lower	Upper
83	100		
55	69.1	65.4	98.0
98	42.1	37.4	56.0

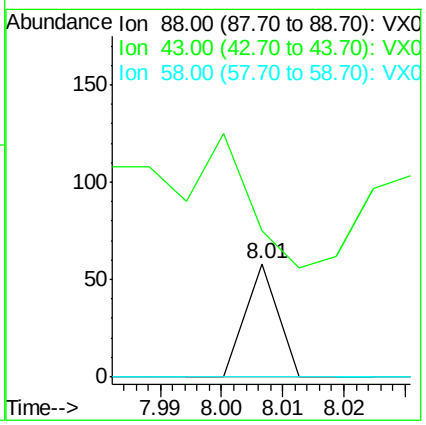


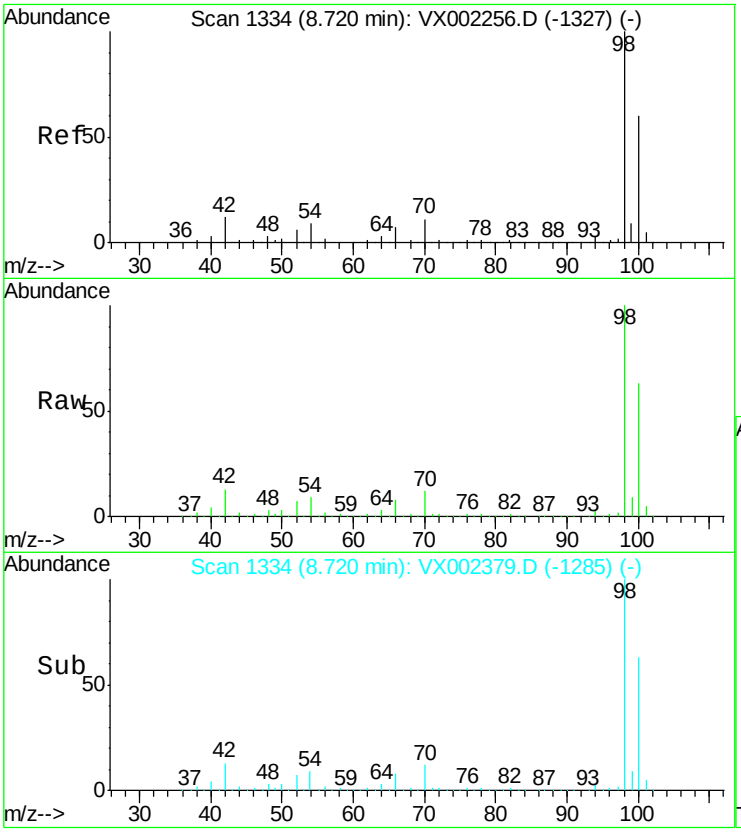


#49
1,4-Dioxane
Concen: 0.314 ug/l
RT: 8.01 min Scan# 1217
Delta R.T. 0.25 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion: 88 Resp: 21

Ion	Ratio	Lower	Upper
88	100		
43	1100.0	29.8	44.6#
58	0.0	57.1	85.7#



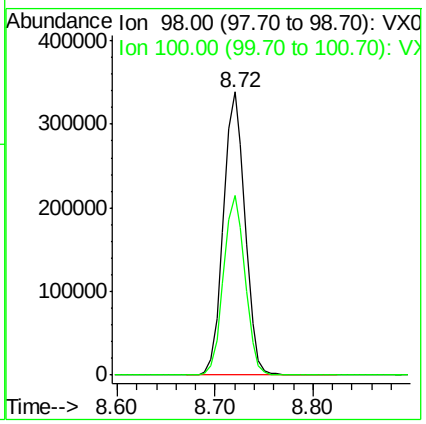


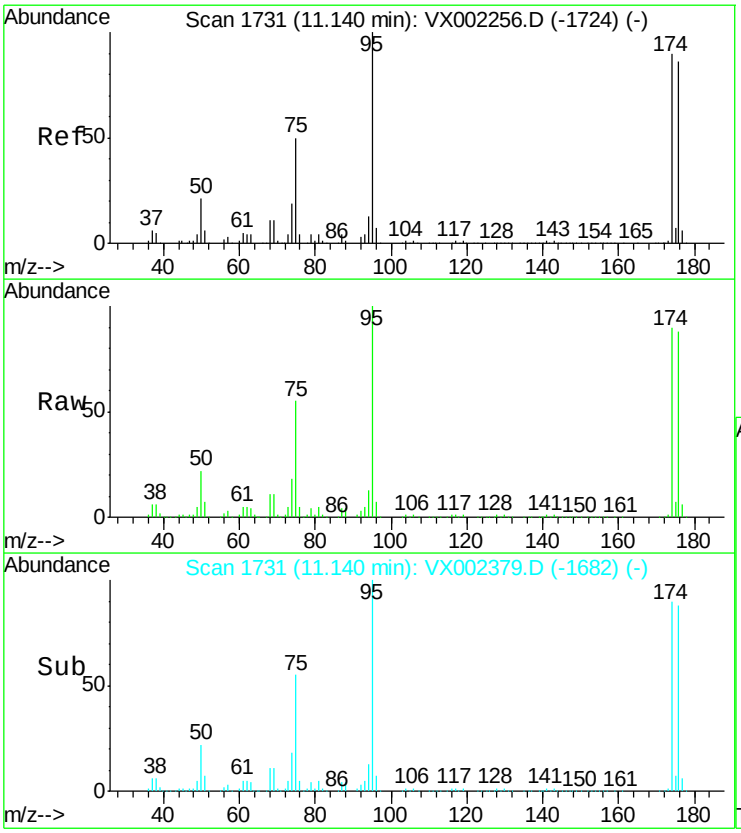
#50
Toluene-d8
Concen: 52.009 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
LF5-0064

Tgt Ion: 98 Resp: 519643

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3

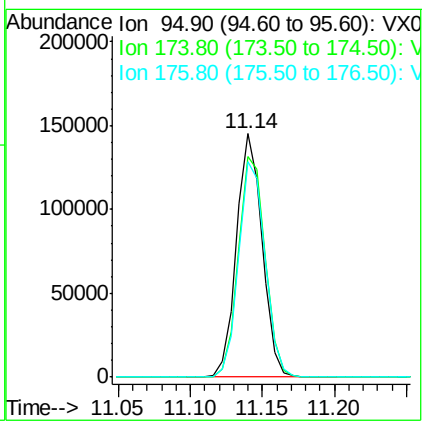


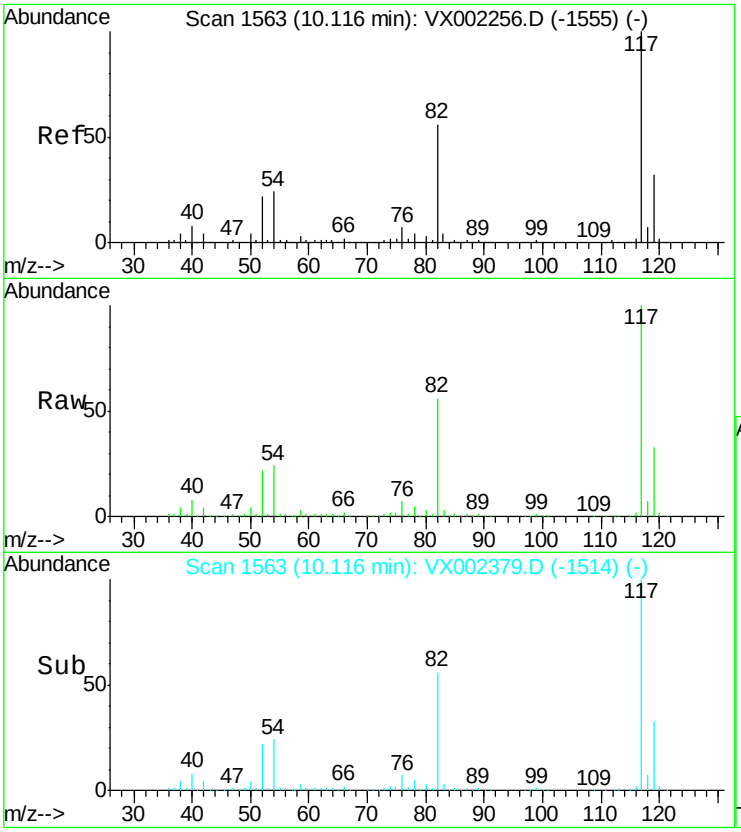


#62
4-Bromofluorobenzene
Concen: 46.705 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion: 95 Resp: 179944

Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	187.4
176	90.8	0.0	181.0



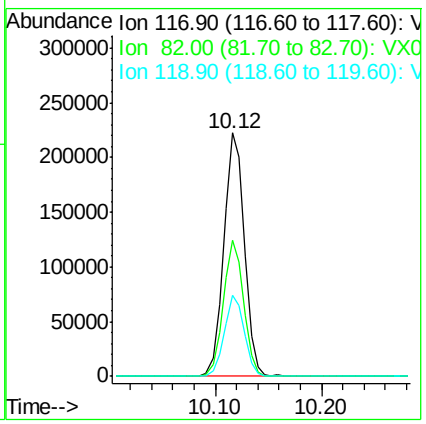


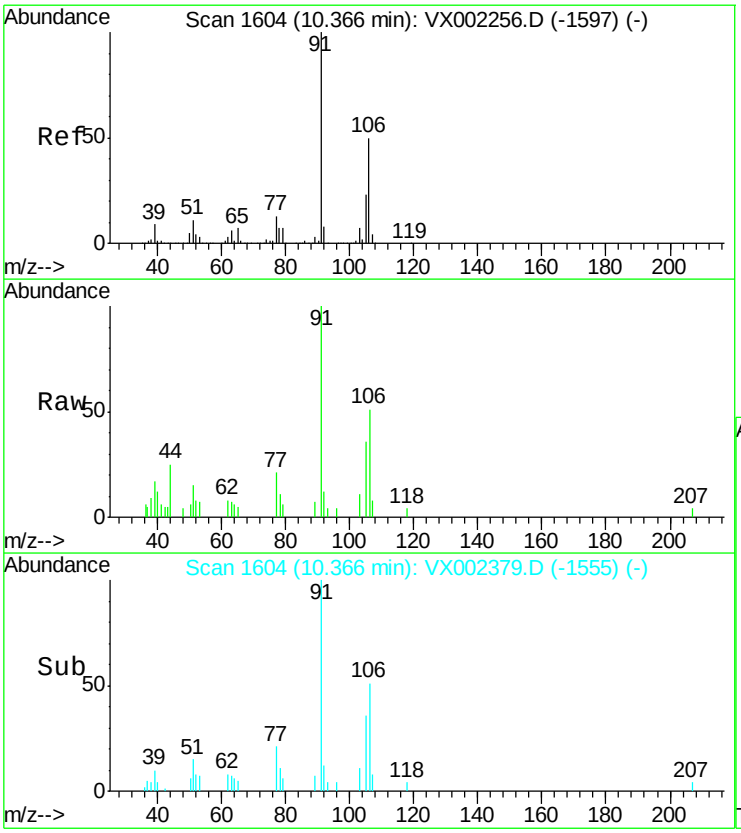
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument : MSVOA_X
ClientSampleId : LF5-0064

Tgt Ion:117 Resp: 300961

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.0	67.4
119	33.3	25.8	38.6

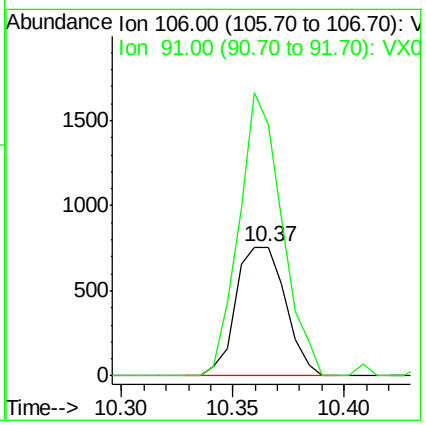


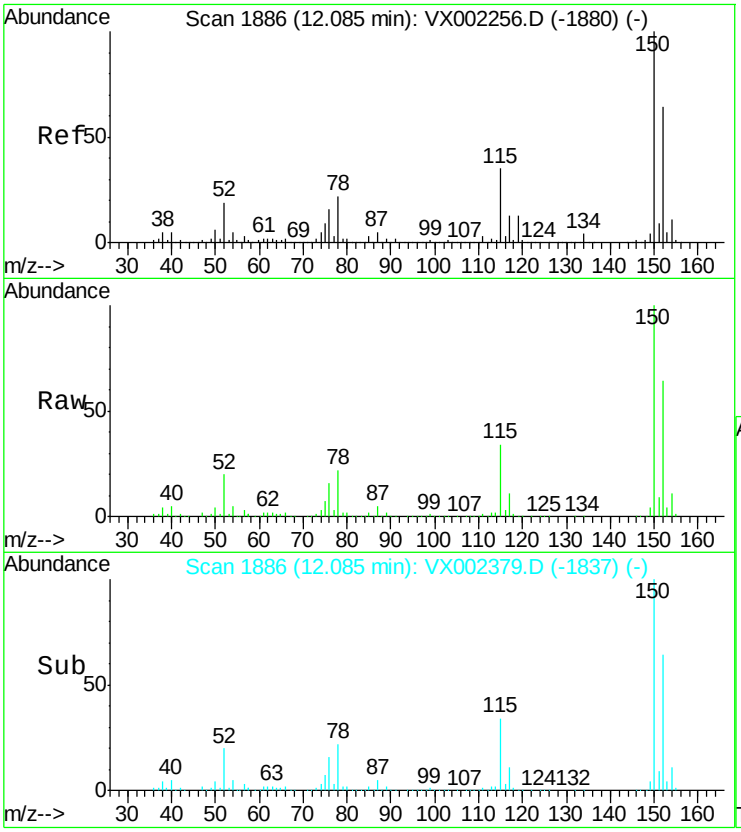


#68
m/p-Xylenes
Concen: 0.242 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion:106 Resp: 1179

Ion	Ratio	Lower	Upper
106	100		
91	190.1	163.4	245.2



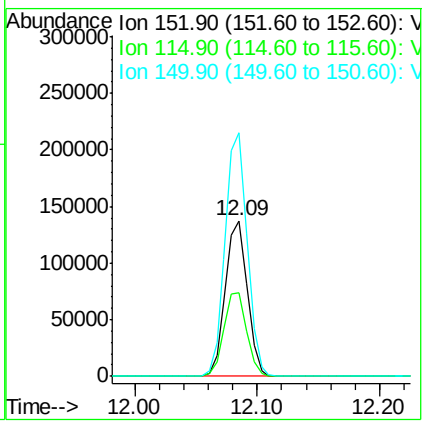


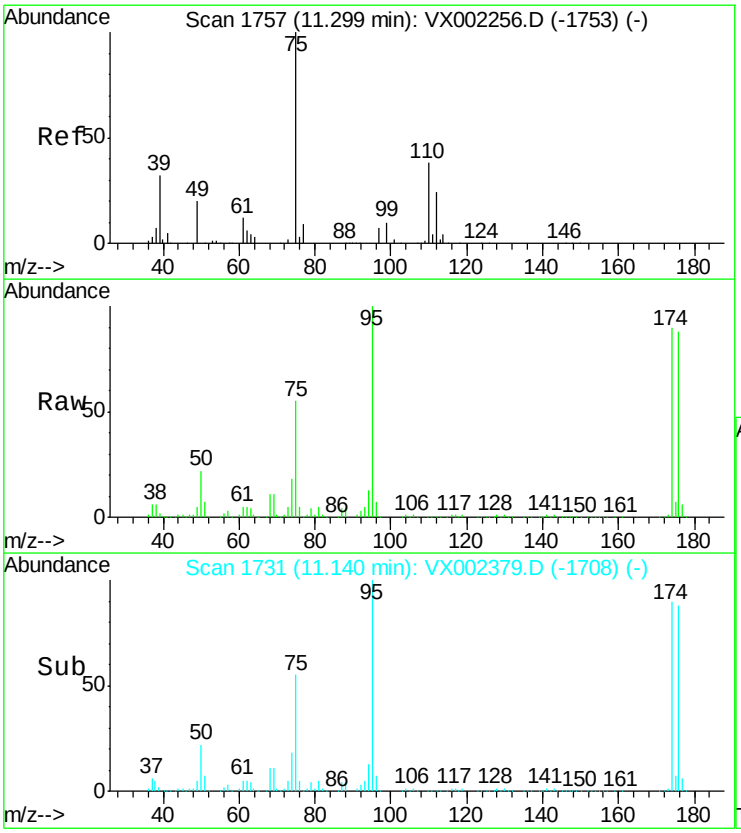
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument : MSVOA_X
ClientSampleId : LF5-0064

Tgt Ion:152 Resp: 170918

Ion	Ratio	Lower	Upper
152	100		
115	55.2	40.1	120.2
150	156.9	0.0	347.2

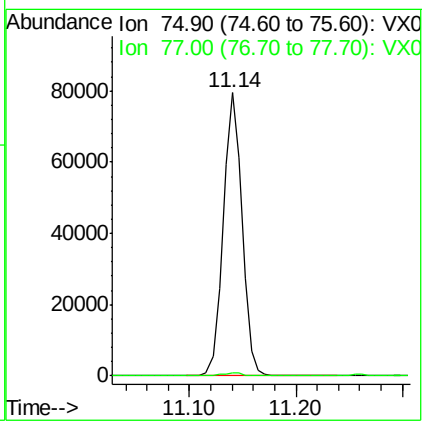


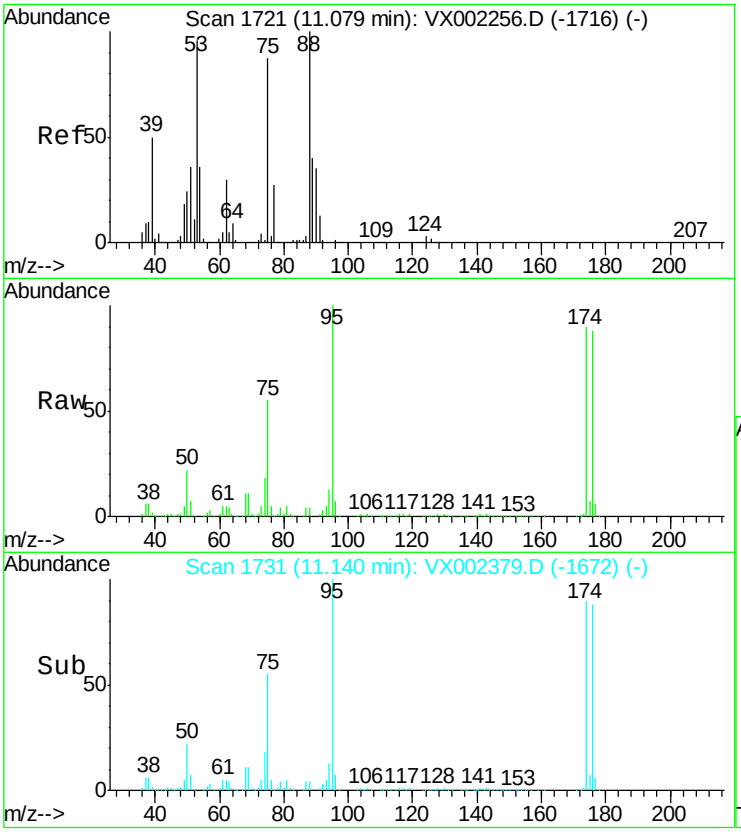


#76
1,2,3-Trichloropropane
Concen: 26.204 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion: 75 Resp: 98274

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



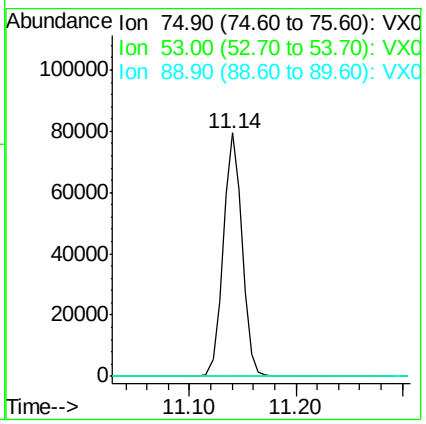


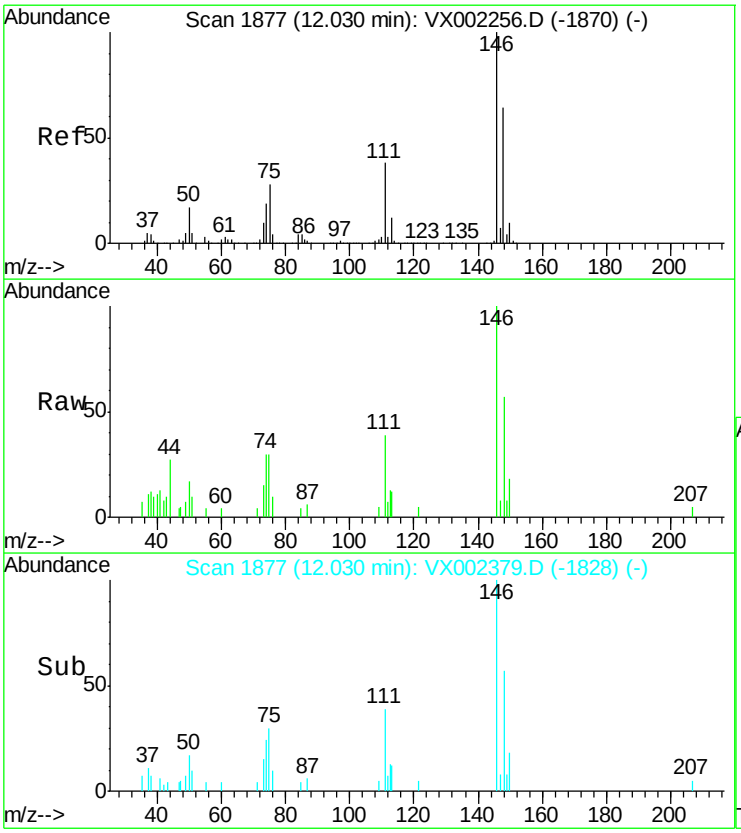
#81
trans-1,4-Dichloro-2-butene
Concen: 91.853 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
LF5-0064

Tgt Ion: 75 Resp: 98274

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

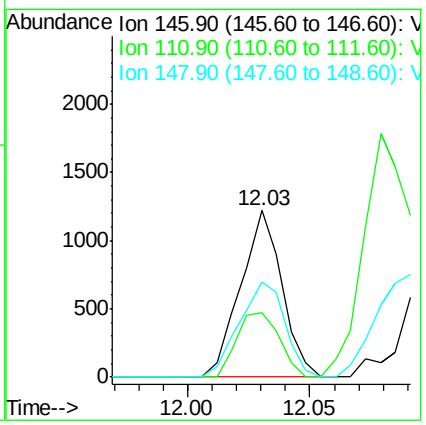


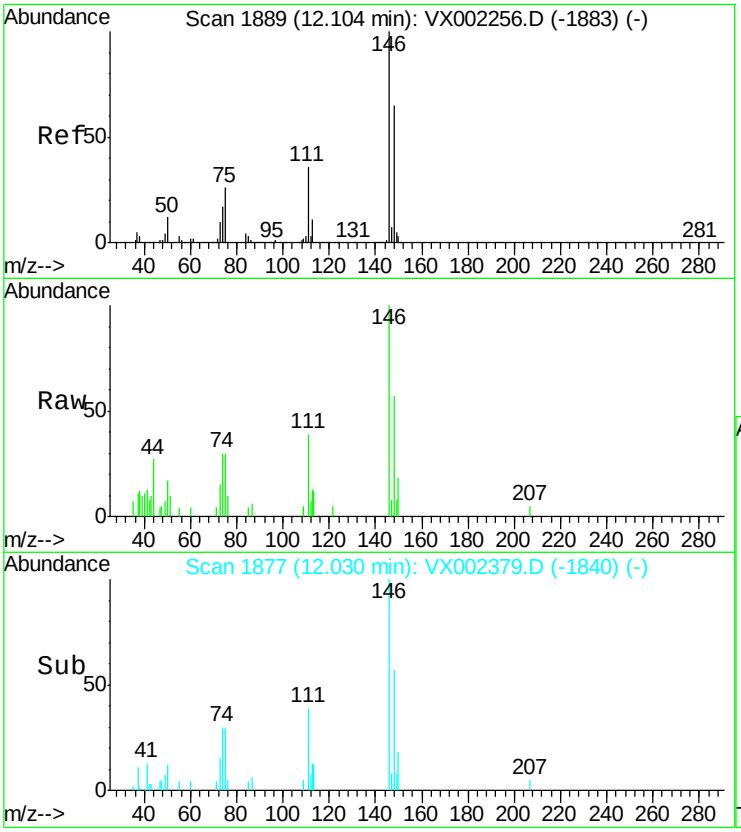


#87
1,3-Dichlorobenzene
Concen: 0.241 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion:146 Resp: 1439

Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.9	56.7
148	63.1	32.1	96.3



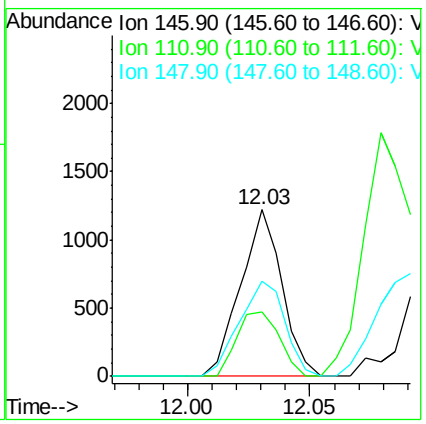


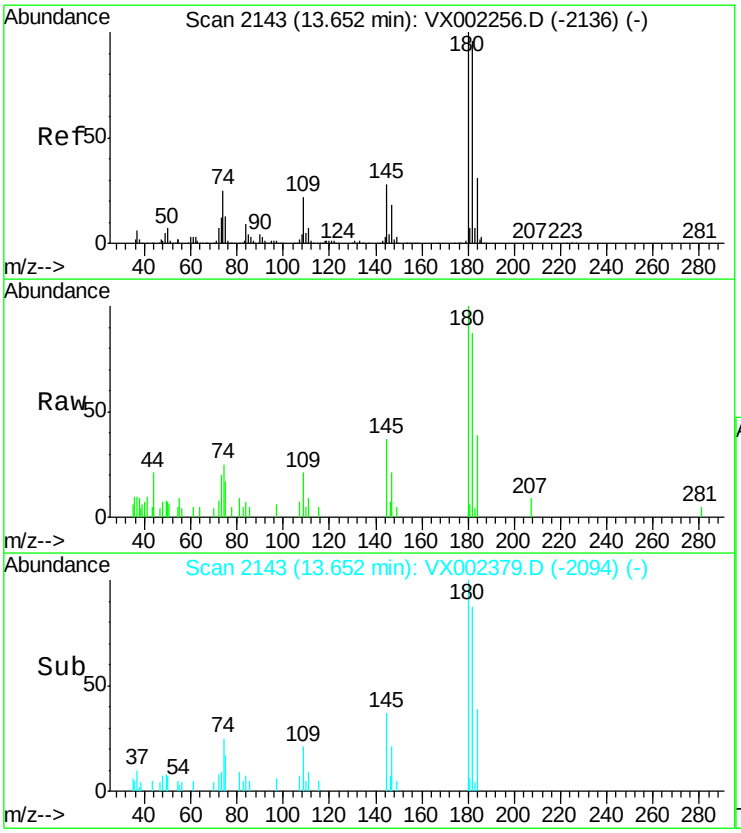
#88
1,4-Dichlorobenzene
Concen: 0.234 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.07 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument : MSVOA_X
ClientSampleId : LF5-0064

Tgt Ion:146 Resp: 1439

Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.7	56.1
148	63.1	32.4	97.0

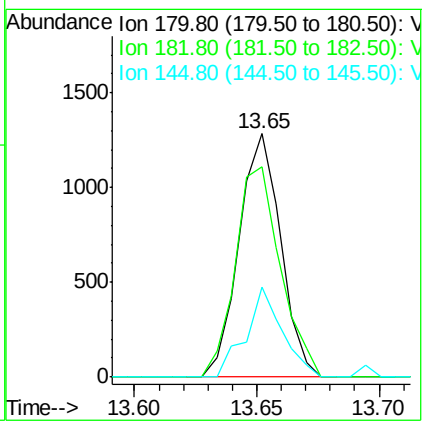


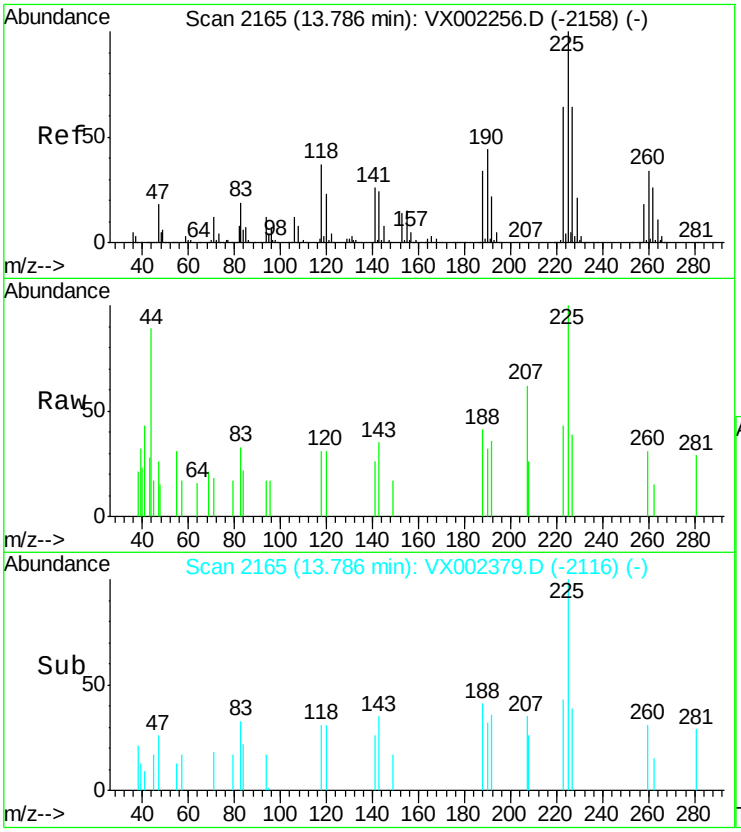


#93
1,2,4-Trichlorobenzene
Concen: 0.350 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion:180 Resp: 1516

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.7	143.1
145	32.4	14.1	42.4



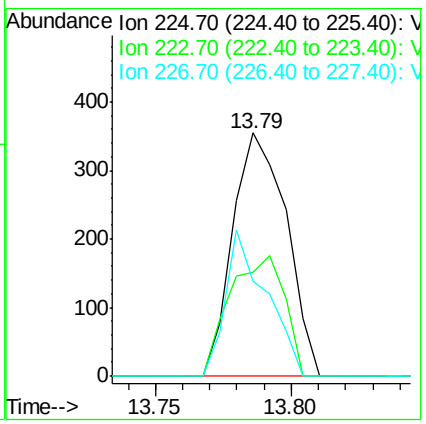


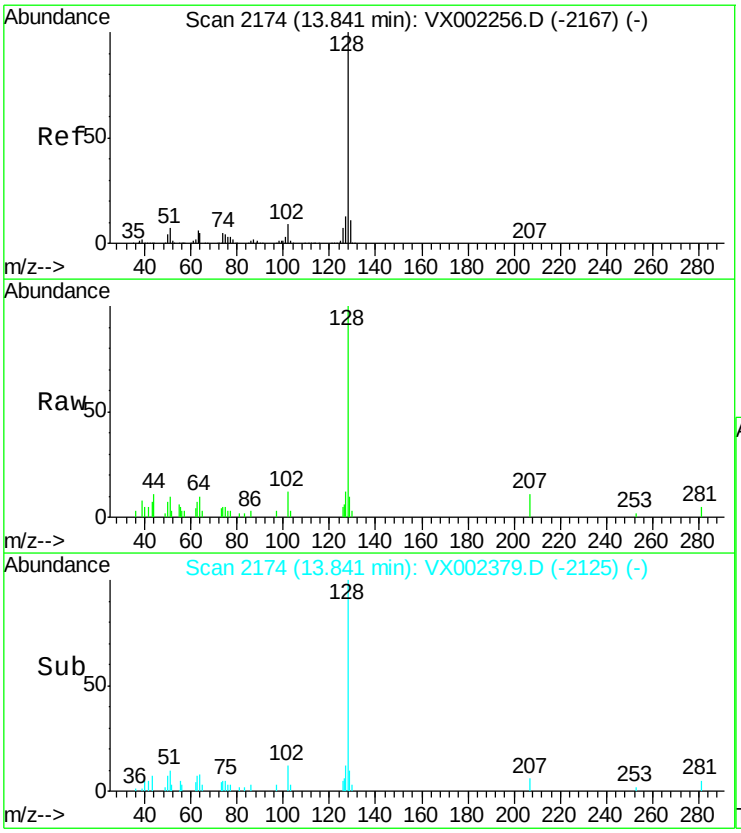
#94
Hexachlorobutadiene
Concen: 0.226 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
LF5-0064

Tgt Ion:225 Resp: 484

Ion	Ratio	Lower	Upper
225	100		
223	50.4	31.6	95.0
227	45.7	32.4	97.2

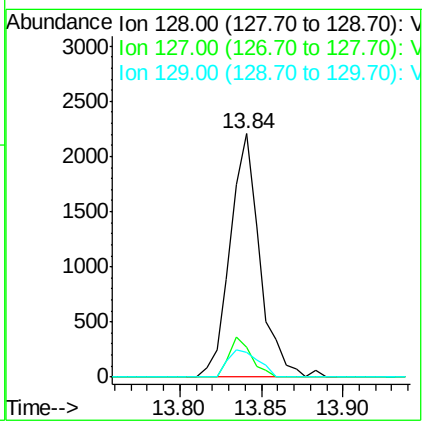


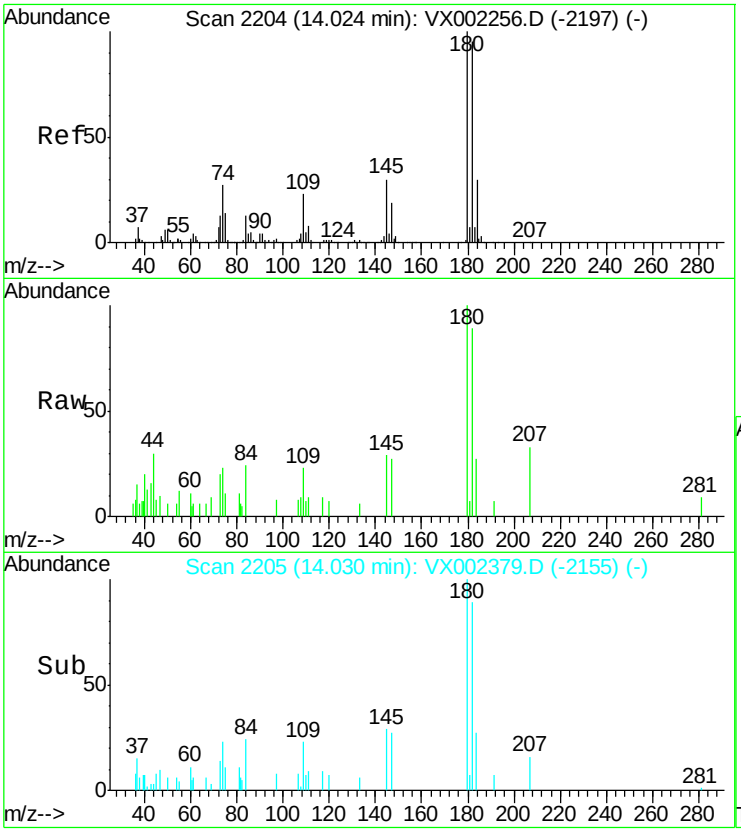


#95
Naphthalene
Concen: 0.224 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Tgt Ion:128 Resp: 2790

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.4	15.6
129	11.5	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.283 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX002379.D
Acq: 07 Jun 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
LF5-0064

Tgt Ion:180 Resp: 1251

Ion	Ratio	Lower	Upper
180	100		
182	102.7	48.0	144.0
145	36.1	14.8	44.3