Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
Data File : VF060544.D
Acq On : 30 Oct 2018 14:54
Operator : VA/AP
Sample : J5711-01
Misc : 5.08/5mL/MSVOA_F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-1

Quant Time: Oct 31 04:49:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 30 05:31:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	777	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	868	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.97	117	64	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.08	65	240	20.03	ug/l	0.04
Spiked Amount 50.000			Recovery = 40.06%			
35) Dibromofluoromethane	4.28	113	93	11.17	ug/l	-0.03
Spiked Amount 50.000			Recovery = 22.34%			
50) Toluene-d8	7.72	98	195	9.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 19.18%			
62) 4-Bromofluorobenzene	11.50	95	60	6.40	ug/l	-0.02
Spiked Amount 50.000			Recovery = 12.80%			
Target Compounds						Qvalue
3) Chloromethane	1.10	50	216	25.47	ug/l #	46
4) Vinyl Chloride	1.24	62	166	17.82	ug/l #	43
5) Bromomethane	1.33	94	297	40.57	ug/l #	4
6) Chloroethane	1.40	64	74	15.26	ug/l #	1
7) Trichlorofluoromethane	1.57	101	140	6.24	ug/l #	18
8) Diethyl Ether	1.66	74	76	27.00	ug/l	68
9) 1,1,2-Trichlorotrifluoroet	1.88	101	77	6.82	ug/l #	22
10) Methyl Iodide	1.94	142	64	3.77	ug/l #	20
11) Tert butyl alcohol	2.72	59	190	387.75	ug/l #	71
12) 1,1-Dichloroethene	1.94	96	116	13.28	ug/l #	35
13) Acrolein	2.16	56	60	136.52	ug/l #	61
14) Allyl chloride	2.13	41	1107	79.73	ug/l #	40
15) Acrylonitrile	3.09	53	345	287.88	ug/l #	41
16) Acetone	2.35	43	80	26.09	ug/l #	62
17) Carbon Disulfide	1.98	76	60	2.44	ug/l #	73
18) Methyl Acetate	2.49	43	166	45.42	ug/l #	61
19) Methyl tert-butyl Ether	2.55	73	59	3.02	ug/l #	59
20) Methylene Chloride	2.31	84	68	7.77	ug/l #	1
21) trans-1,2-Dichloroethene	2.57	96	241	26.99	ug/l #	1
22) Diisopropyl ether	2.94	45	145	5.75	ug/l #	48
23) Vinyl Acetate	3.37	43	98	10.48	ug/l #	78
24) 1,1-Dichloroethane	2.89	63	86	4.73	ug/l #	1
25) 2-Butanone	4.53	43	129	21.34	ug/l #	54
26) 2,2-Dichloropropane	3.78	77	351	31.04	ug/l #	61
27) cis-1,2-Dichloroethene	3.63	96	63	5.85	ug/l	1
28) Bromochloromethane	4.05	49	88	13.42	ug/l	98
29) Tetrahydrofuran	4.28	42	199	195.69	ug/l #	34
30) Chloroform	3.96	83	64	2.78	ug/l #	1
31) Cyclohexane	3.89	56	137	10.54	ug/l #	1
32) 1,1,1-Trichloroethane	4.32	97	95	5.00	ug/l #	23
36) 1,1-Dichloropropene	4.52	75	161	14.89	ug/l #	44
37) Ethyl Acetate	4.34	43	338	96.54	ug/l #	1
38) Carbon Tetrachloride	4.23	117	62	4.79	ug/l #	12
39) Methylcyclohexane	5.64	83	594	54.39	ug/l #	60

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
Data File : VF060544.D
Acq On : 30 Oct 2018 14:54
Operator : VA/AP
Sample : J5711-01
Misc : 5.08/5mL/MSVOA_F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-1

Quant Time: Oct 31 04:49:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 30 05:31:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) Benzene	4.86	78	65	3.03	ug/l	#	52
41) Methacrylonitrile	4.98	41	341	170.39	ug/l	#	23
42) 1,2-Dichloroethane	5.15	62	60	6.02	ug/l		78
43) Isopropyl Acetate	7.11	43	251	59.23	ug/l	#	43
45) 1,2-Dichloropropane	6.46	63	108	20.18	ug/l	#	42
46) Dibromomethane	6.15	93	163	38.78	ug/l	#	9
47) Bromodichloromethane	6.54	83	70	6.49	ug/l	#	24
48) Methyl methacrylate	6.93	41	186	63.63	ug/l		96
49) 1,4-Dioxane	6.83	88	69	2537.51	ug/l	#	12
51) 4-Methyl-2-Pentanone	8.39	43	140	45.61	ug/l	#	35
52) Toluene	7.75	92	111	7.97	ug/l	#	1
53) t-1,3-Dichloropropene	8.51	75	117	13.89	ug/l	#	44
54) cis-1,3-Dichloropropene	7.49	75	170	17.03	ug/l	#	79
55) 1,1,2-Trichloroethane	8.73	97	73	17.50	ug/l	#	47
56) Ethyl methacrylate	8.77	69	793	169.39	ug/l	#	51
57) 1,3-Dichloropropane	8.90	76	65	9.21	ug/l	#	41
58) 2-Chloroethyl Vinyl ether	7.77	63	67	138.86	ug/l		100
59) 2-Hexanone	9.62	43	202	85.80	ug/l	#	29
60) Dibromochloromethane	8.71	129	96	14.28	ug/l	#	10
61) 1,2-Dibromoethane	9.06	107	77	15.94	ug/l	#	60
64) Tetrachloroethene	8.41	164	80	147.87	ug/l	#	1
65) Chlorobenzene	9.90	112	67	52.03	ug/l	#	43
66) 1,1,1,2-Tetrachloroethane	10.07	131	95	161.91	ug/l	#	10
67) Ethyl Benzene	10.16	91	103	41.86	ug/l	#	47
68) m/p-Xylenes	10.41	106	72	85.69	ug/l	#	1
69) o-Xylene	10.80	106	106	112.02	ug/l	#	1

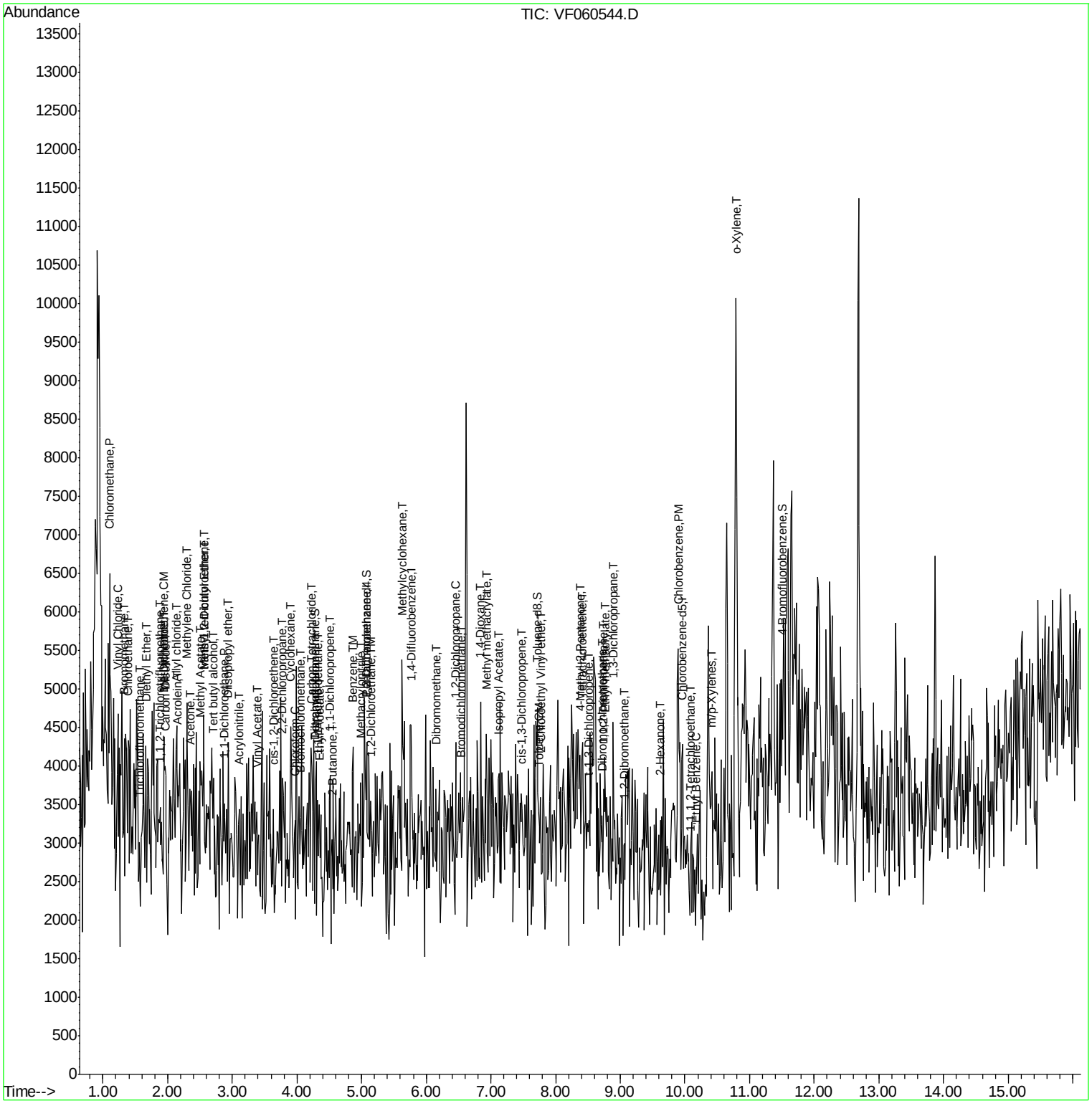
(#) = qualifier out of range (m) = manual integration (+) = signals summed

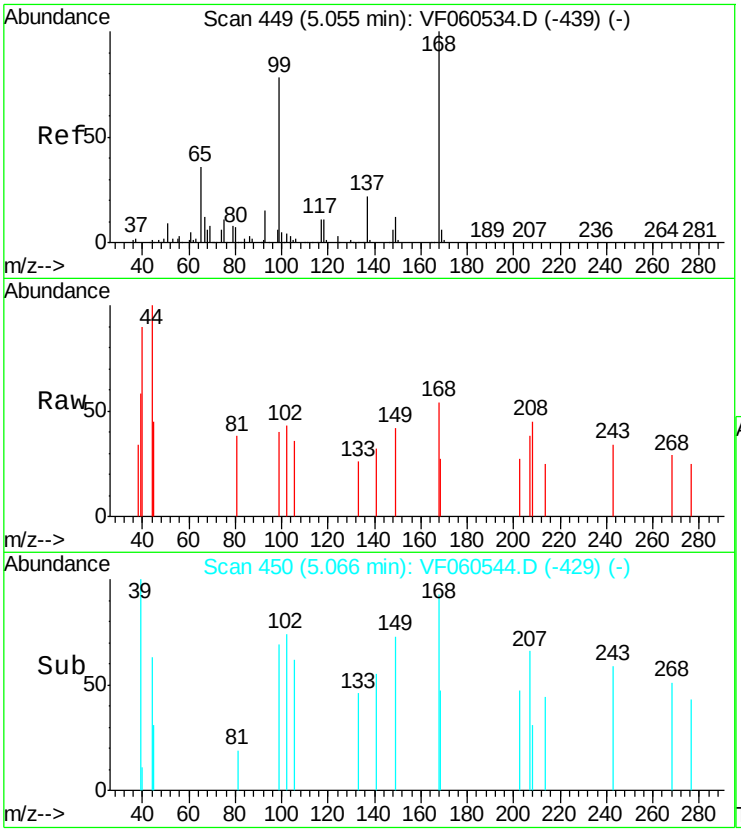
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
Data File : VF060544.D
Acq On : 30 Oct 2018 14:54
Operator : VA/AP
Sample : J5711-01
Misc : 5.08/5mL/MSVOA_F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-1

Quant Time: Oct 31 04:49:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 30 05:31:58 2018
Response via : Initial Calibration



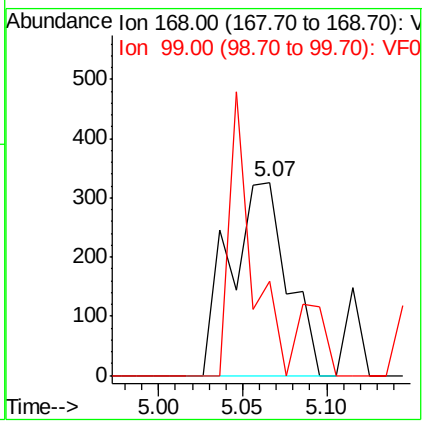


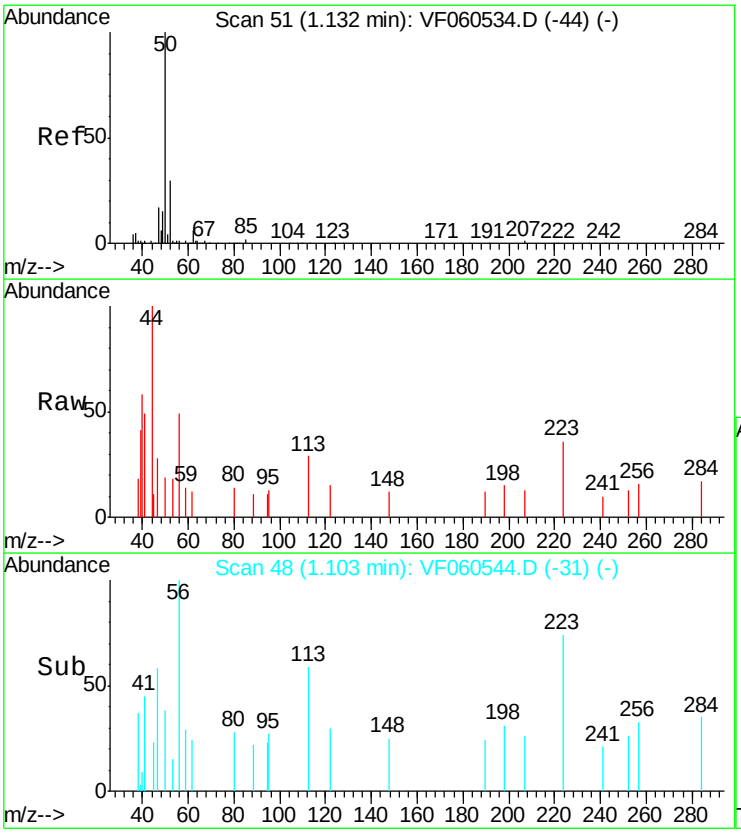
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.07 min Scan# 450
Delta R.T. 0.01 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion:168 Resp: 777

Ion	Ratio	Lower	Upper
168	100		
99	49.1	62.6	93.8#

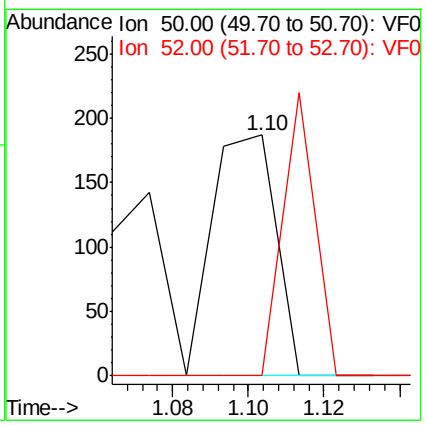


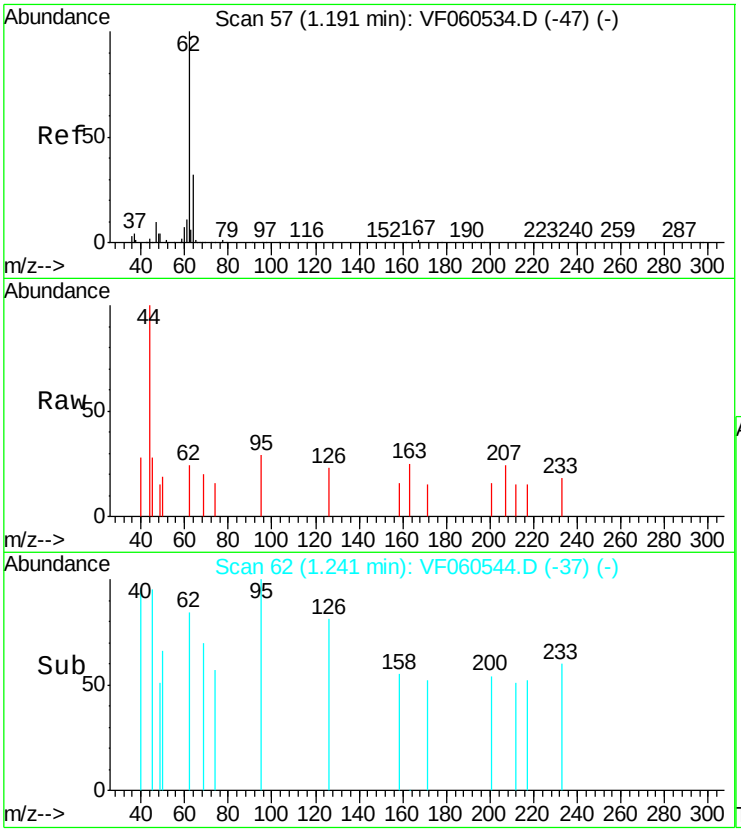


#3
Chloromethane
Concen: 25.47 ug/l
RT: 1.10 min Scan# 48
Delta R.T. -0.03 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 50 Resp: 216

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.8	34.2#



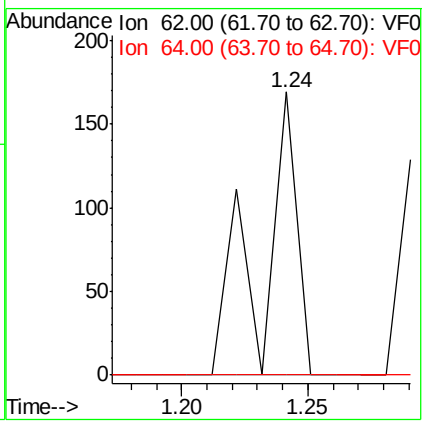


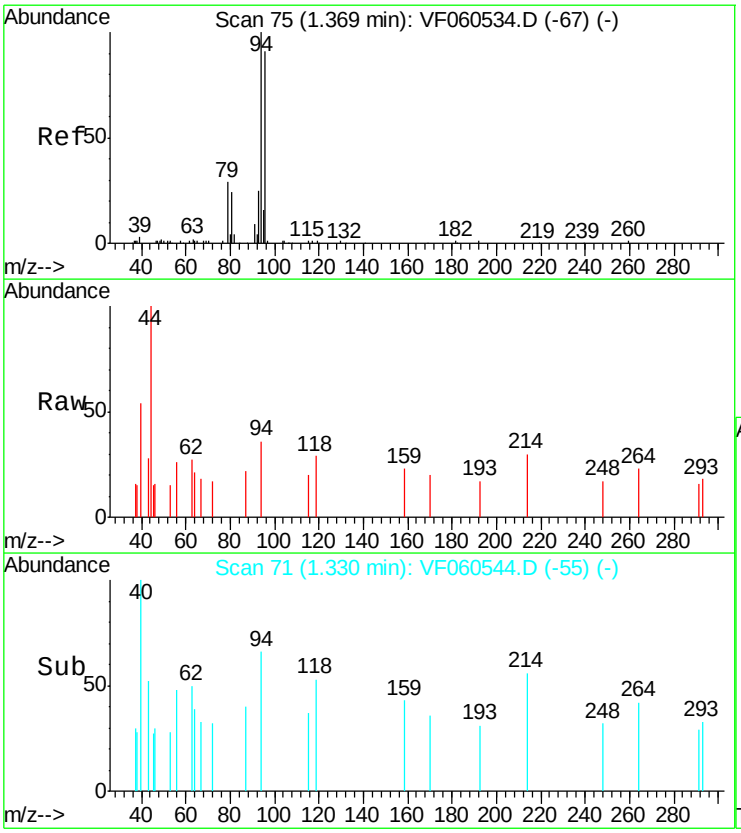
#4
Vinyl Chloride
Concen: 17.82 ug/l
RT: 1.24 min Scan# 62
Delta R.T. 0.05 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 62 Resp: 166

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.3	37.9#

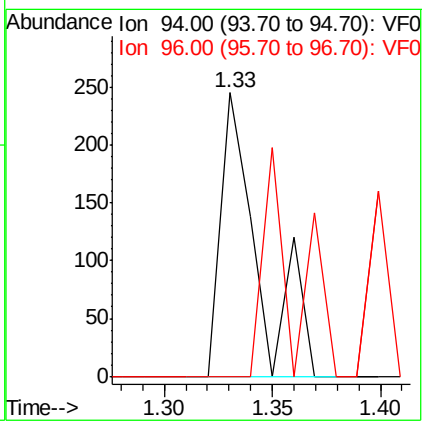


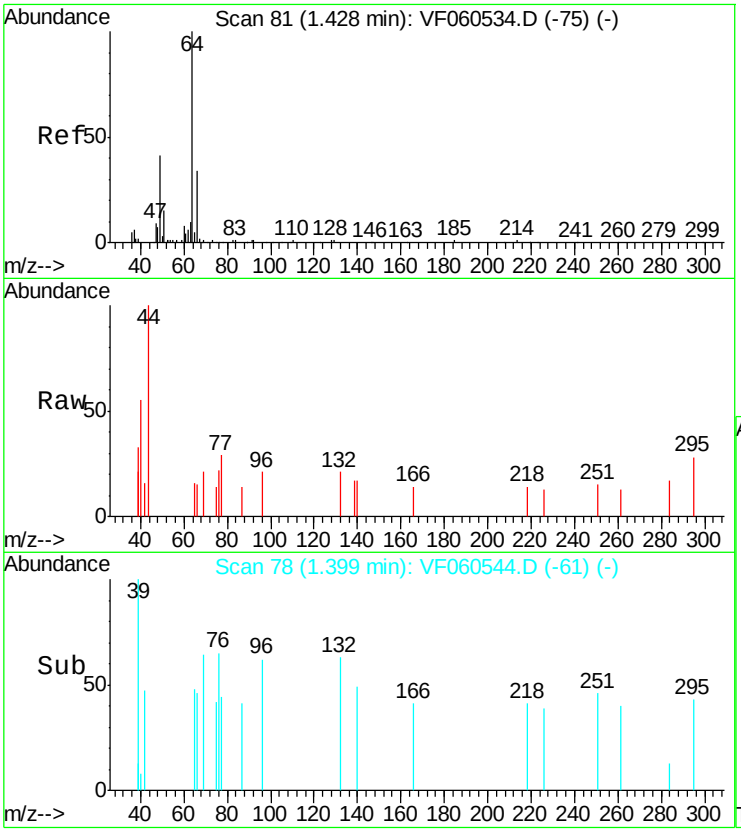


#5
Bromomethane
Concen: 40.57 ug/l
RT: 1.33 min Scan# 71
Delta R.T. -0.04 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 94 Resp: 297

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.2	109.8#



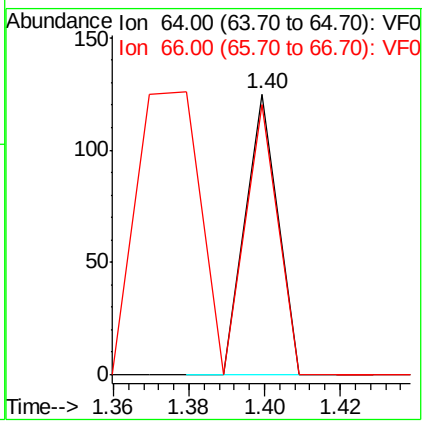


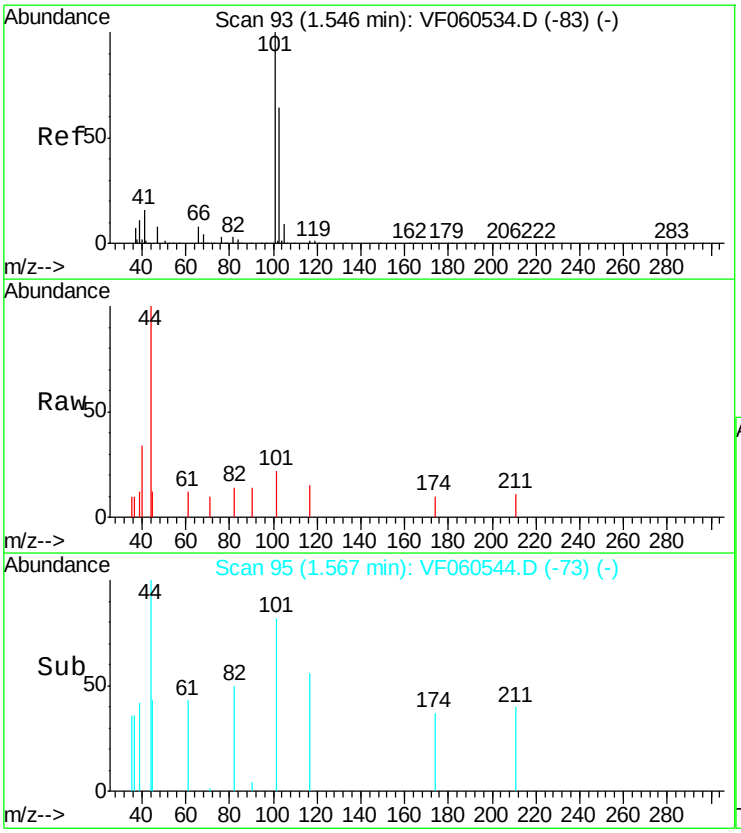
#6
Chloroethane
Concen: 15.26 ug/l
RT: 1.40 min Scan# 78
Delta R.T. -0.03 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 64 Resp: 74

Ion	Ratio	Lower	Upper
64	100		
66	96.0	27.1	40.7#

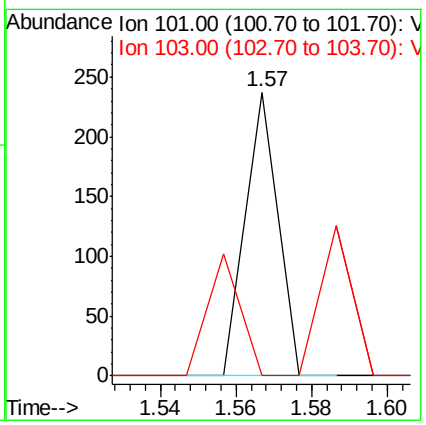


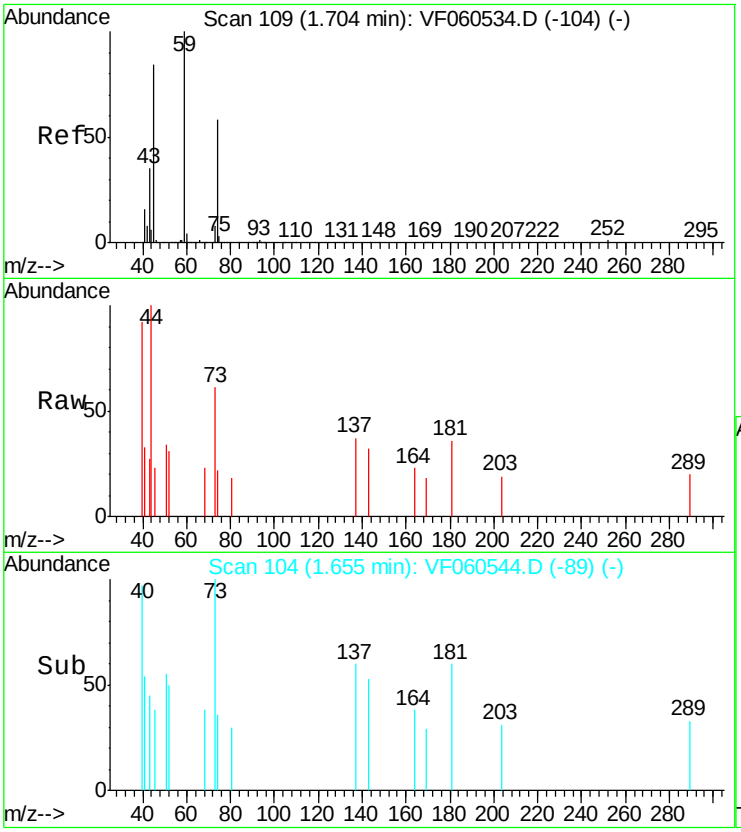


#7
Trichlorofluoromethane
Concen: 6.24 ug/l
RT: 1.57 min Scan# 95
Delta R.T. 0.02 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion:101 Resp: 140

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.6	77.4#



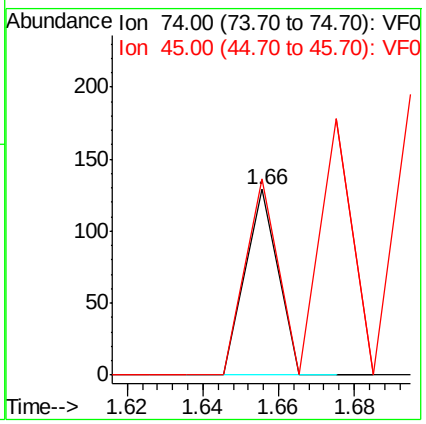


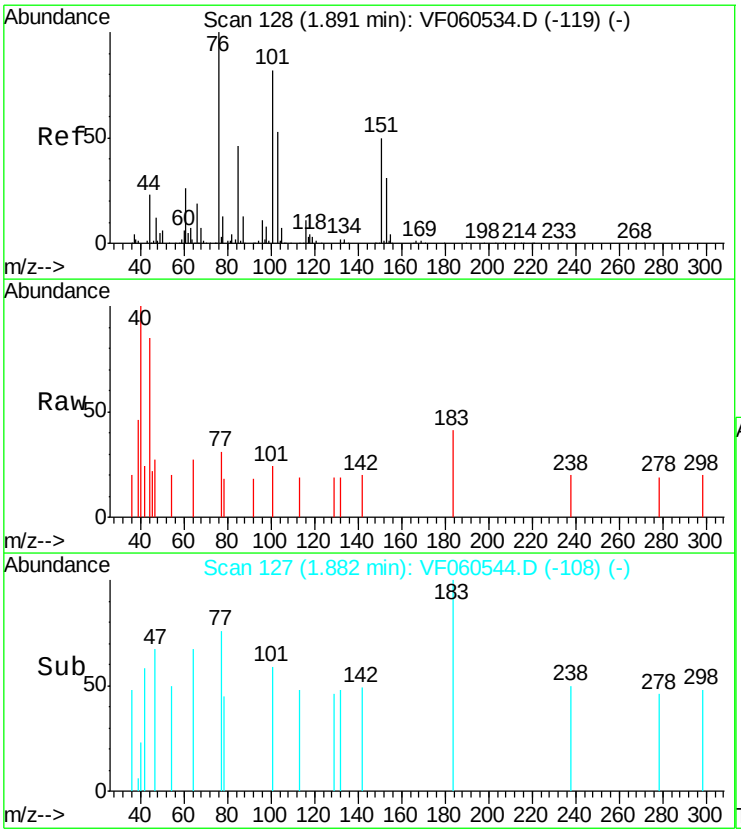
#8
Diethyl Ether
Concen: 27.00 ug/l
RT: 1.66 min Scan# 104
Delta R.T. -0.05 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion: 74 Resp: 76

Ion	Ratio	Lower	Upper
74	100		
45	105.4	72.9	218.6

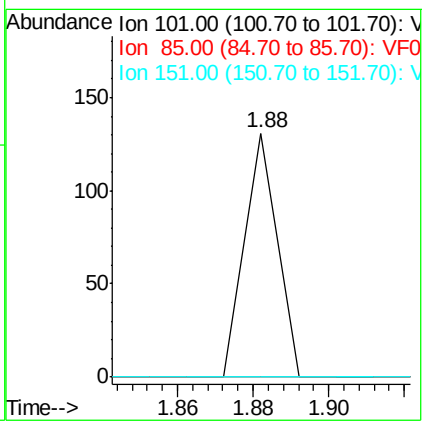


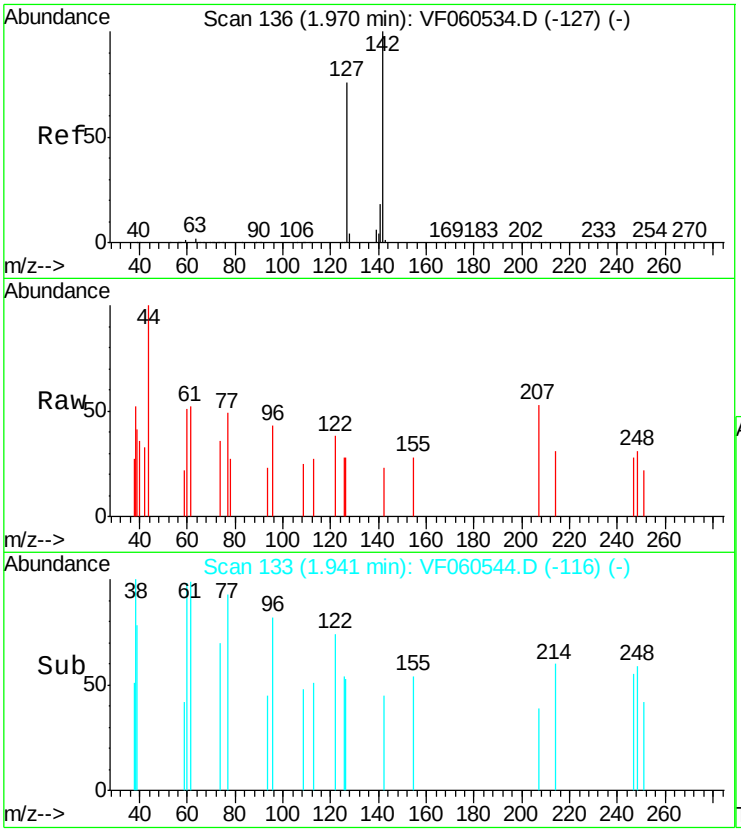


#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.82 ug/l
RT: 1.88 min Scan# 127
Delta R.T. -0.01 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion:101 Resp: 77

Ion	Ratio	Lower	Upper
101	100		
85	0.0	44.6	67.0#
151	0.0	48.4	72.6#



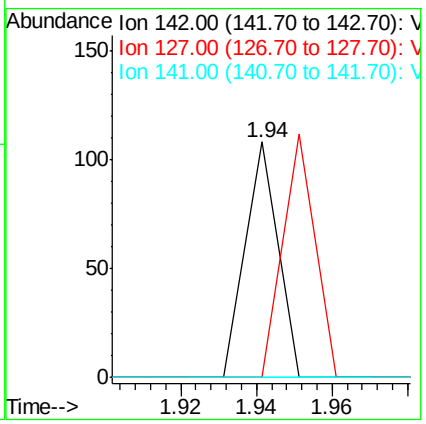


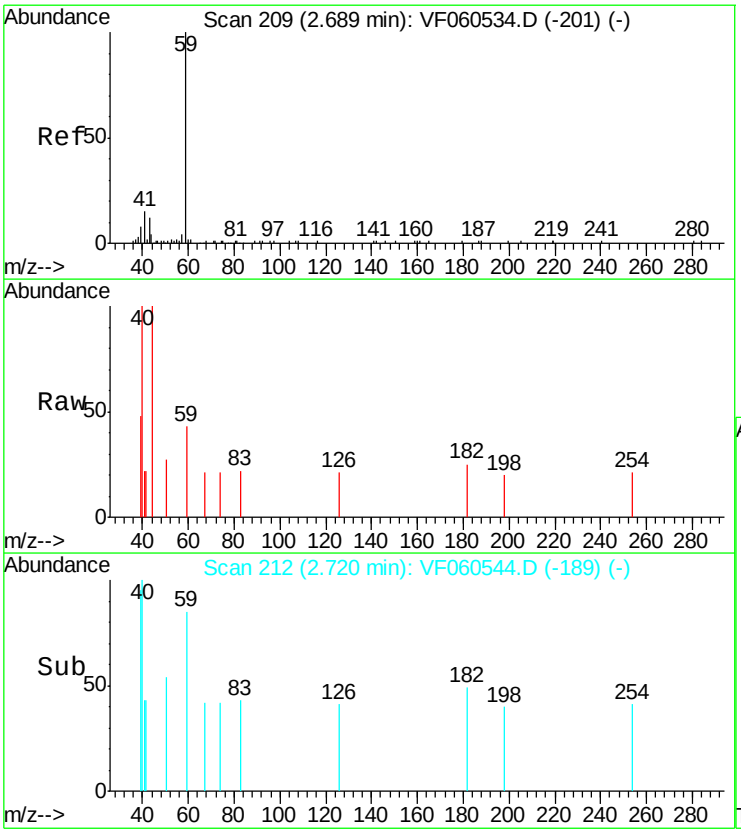
#10
Methyl Iodide
Concen: 3.77 ug/l
RT: 1.94 min Scan# 133
Delta R.T. -0.03 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion:142 Resp: 64

Ion	Ratio	Lower	Upper
142	100		
127	0.0	61.2	91.8#
141	0.0	14.0	21.0#

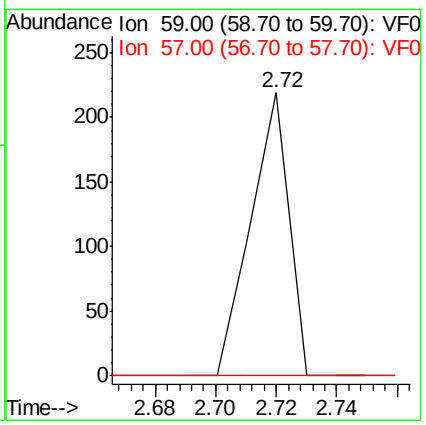


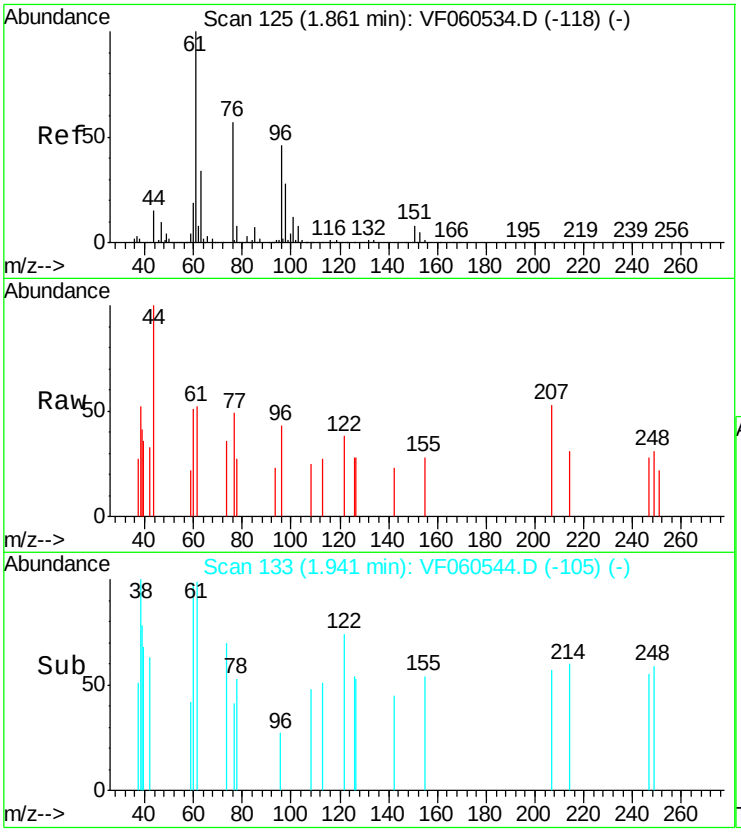


#11
Tert butyl alcohol
Concen: 387.75 ug/l
RT: 2.72 min Scan# 212
Delta R.T. 0.03 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 59 Resp: 190

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.9	13.3#



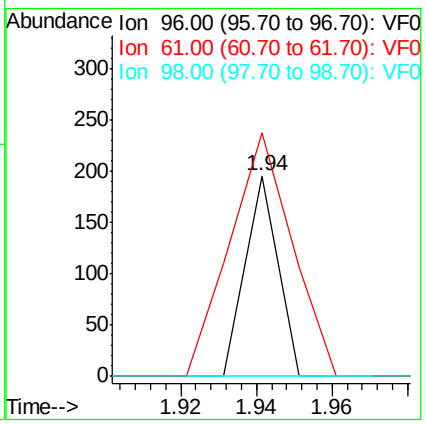


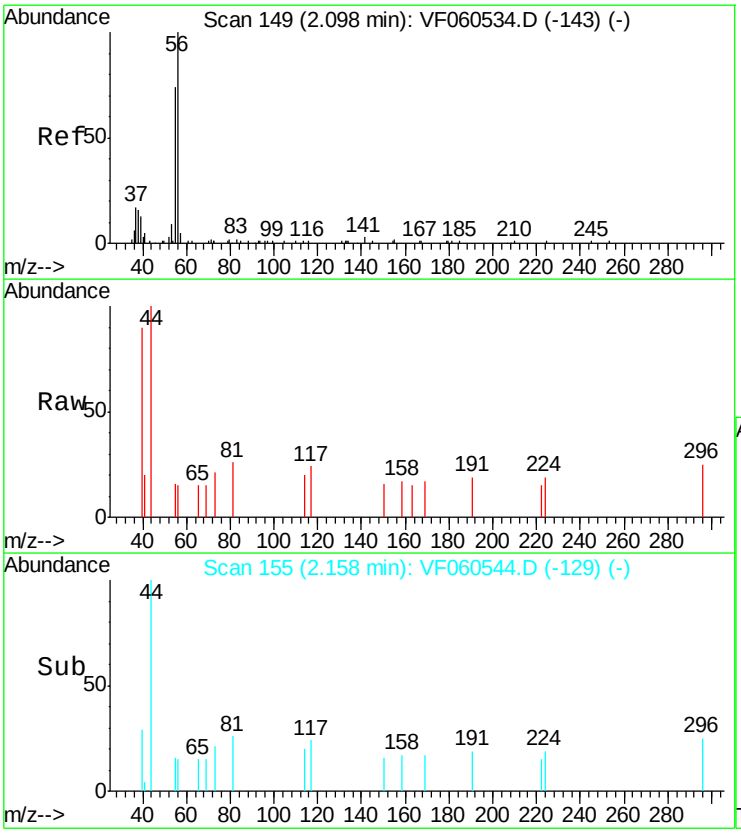
#12
1,1-Dichloroethene
Concen: 13.28 ug/l
RT: 1.94 min Scan# 133
Delta R.T. 0.08 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 96 Resp: 116

Ion	Ratio	Lower	Upper
96	100		
61	121.4	175.4	263.2#
98	0.0	48.9	73.3#

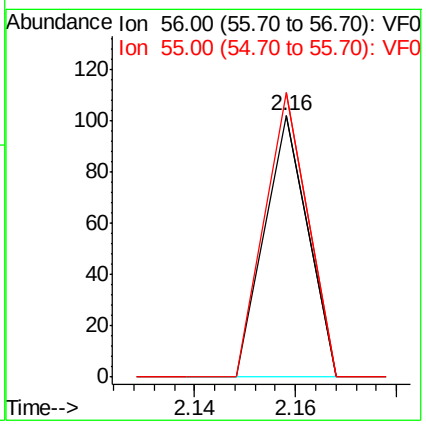


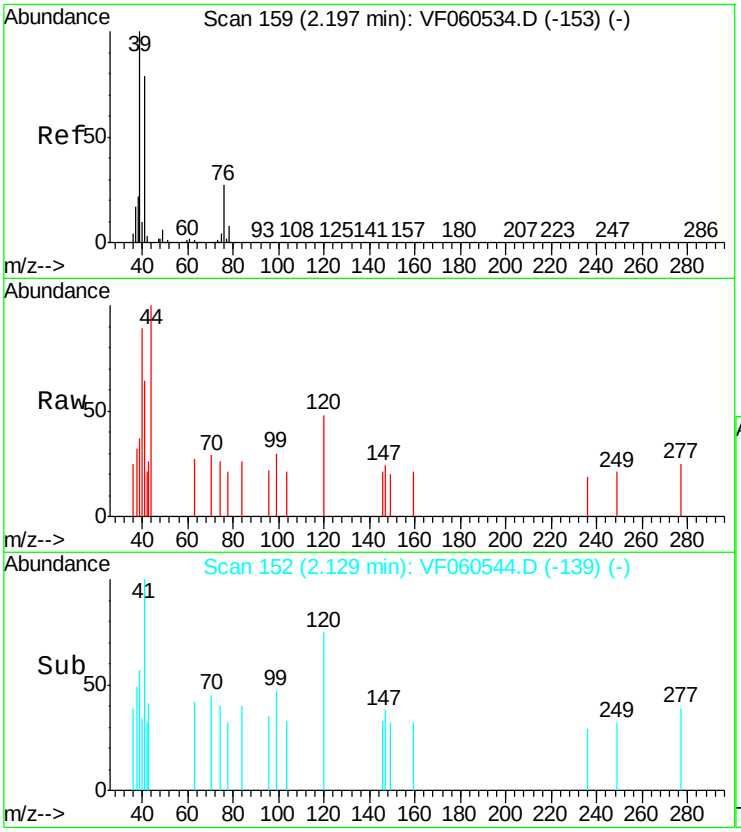


#13
Acrolein
Concen: 136.52 ug/l
RT: 2.16 min Scan# 155
Delta R.T. 0.06 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 56 Resp: 60

Ion	Ratio	Lower	Upper
56	100		
55	108.8	60.4	90.6#



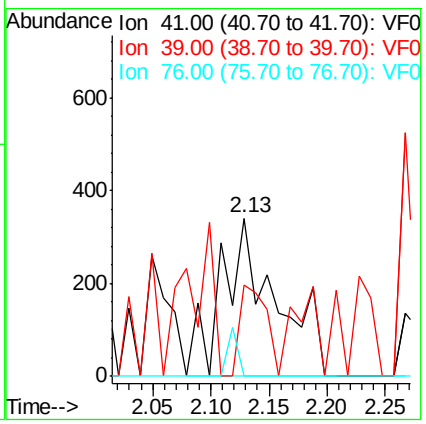


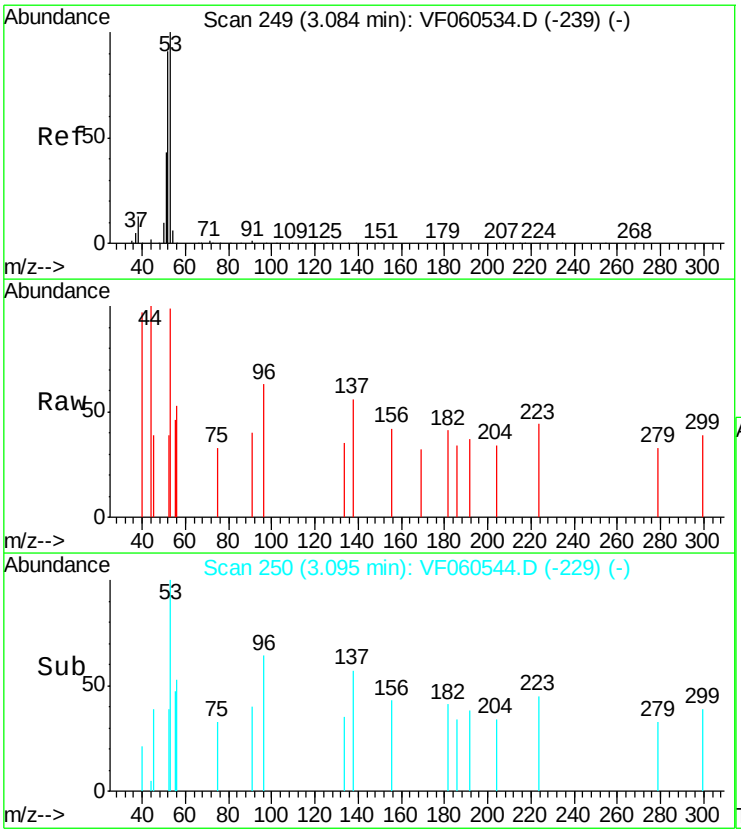
#14
Allyl chloride
Concen: 79.73 ug/l
RT: 2.13 min Scan# 152
Delta R.T. -0.07 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion: 41 Resp: 1107

Ion	Ratio	Lower	Upper
41	100		
39	57.5	100.6	151.0#
76	0.0	27.6	41.4#

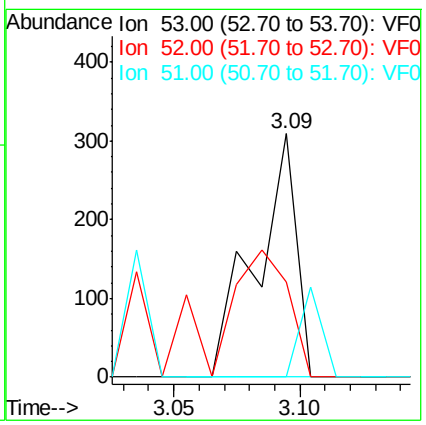


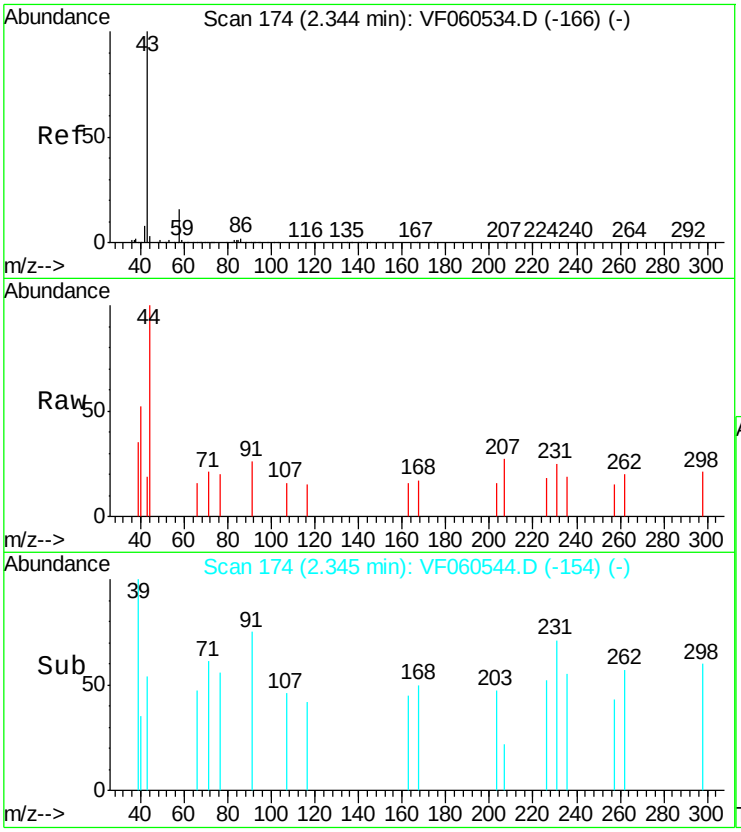


#15
Acrylonitrile
Concen: 287.88 ug/l
RT: 3.09 min Scan# 250
Delta R.T. 0.01 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 53 Resp: 345

Ion	Ratio	Lower	Upper
53	100		
52	39.2	73.2	109.8#
51	0.0	35.0	52.4#



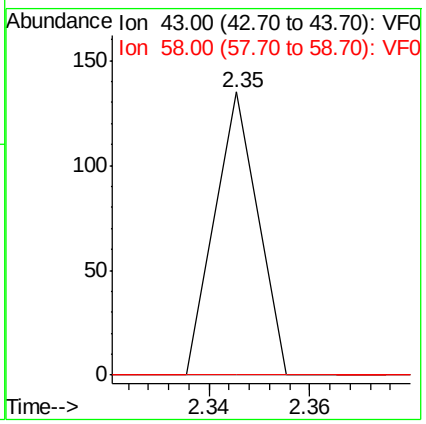


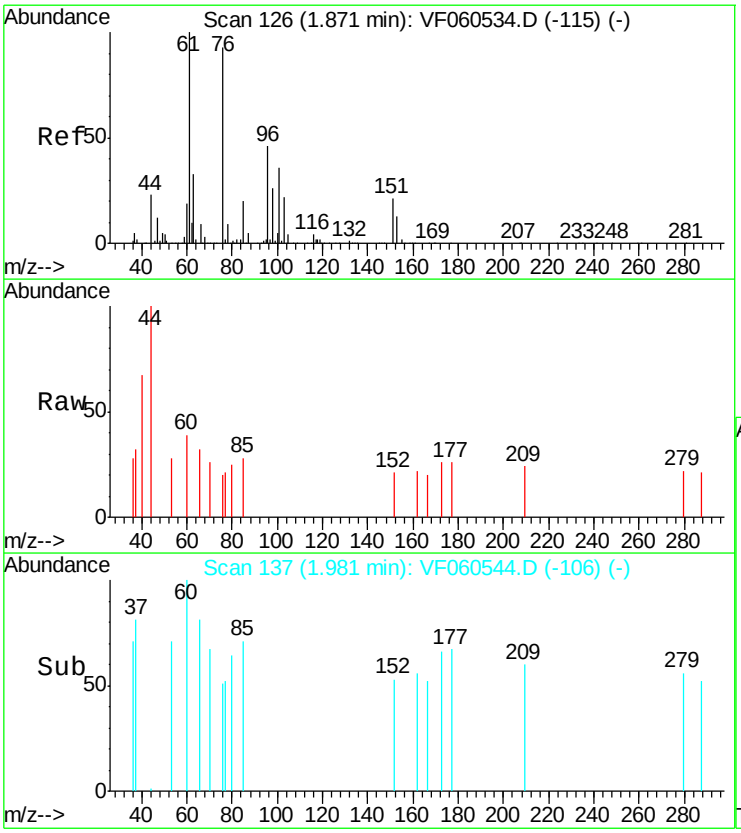
#16
Acetone
Concen: 26.09 ug/l
RT: 2.35 min Scan# 174
Delta R.T. 0.00 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion: 43 Resp: 80

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.8	19.2#

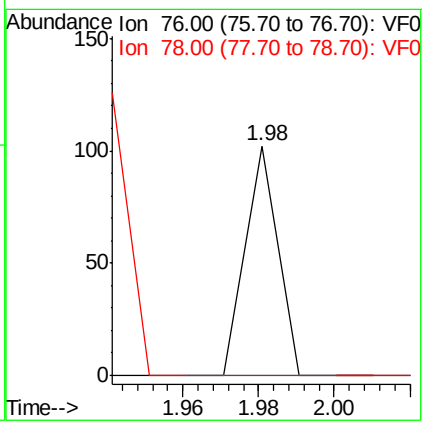


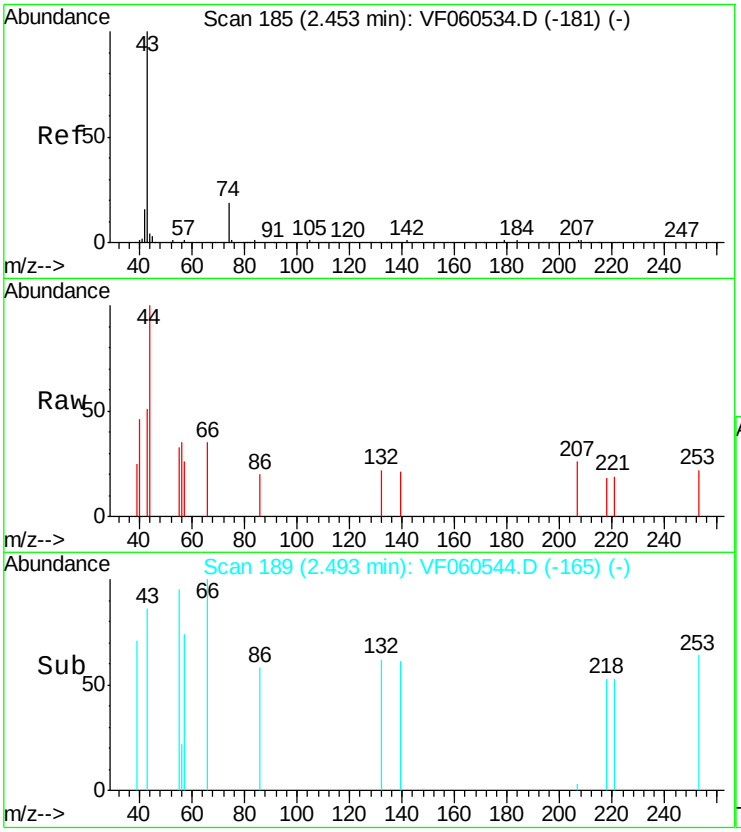


#17
Carbon Disulfide
Concen: 2.44 ug/l
RT: 1.98 min Scan# 137
Delta R.T. 0.11 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 76 Resp: 60

Ion	Ratio	Lower	Upper
76	100		
78	0.0	8.0	12.0#



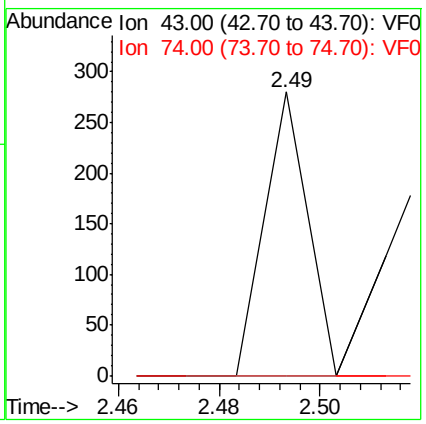


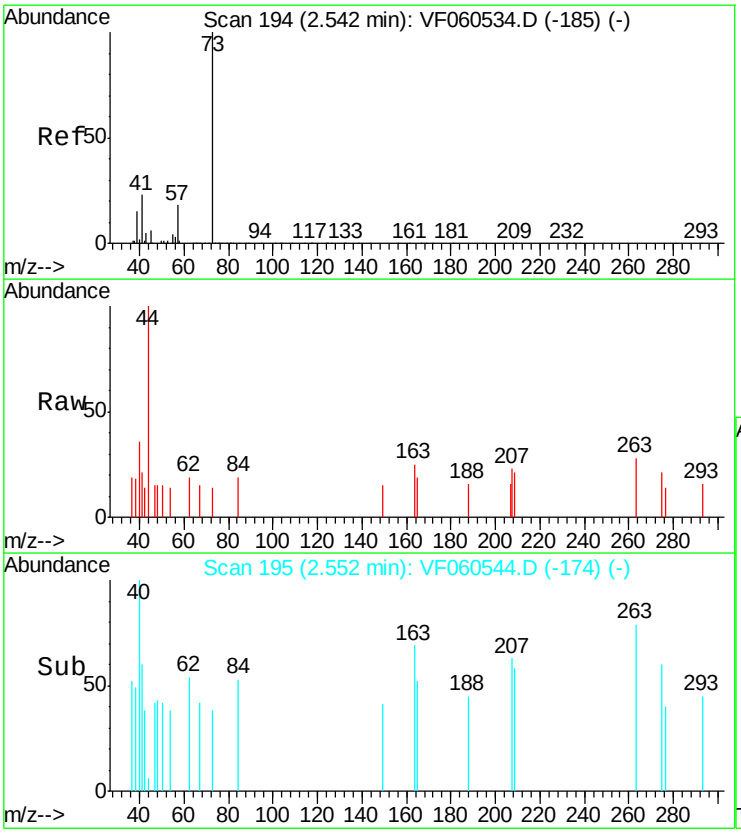
#18
Methyl Acetate
Concen: 45.42 ug/l
RT: 2.49 min Scan# 189
Delta R.T. 0.04 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 43 Resp: 166

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.5	20.3#

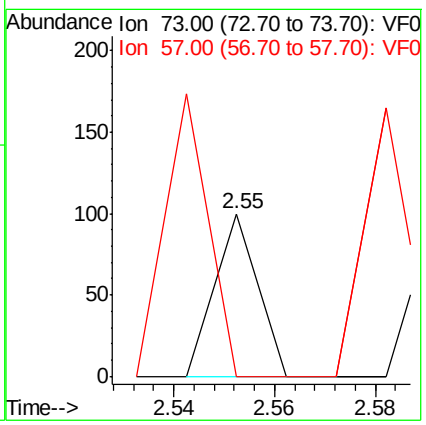


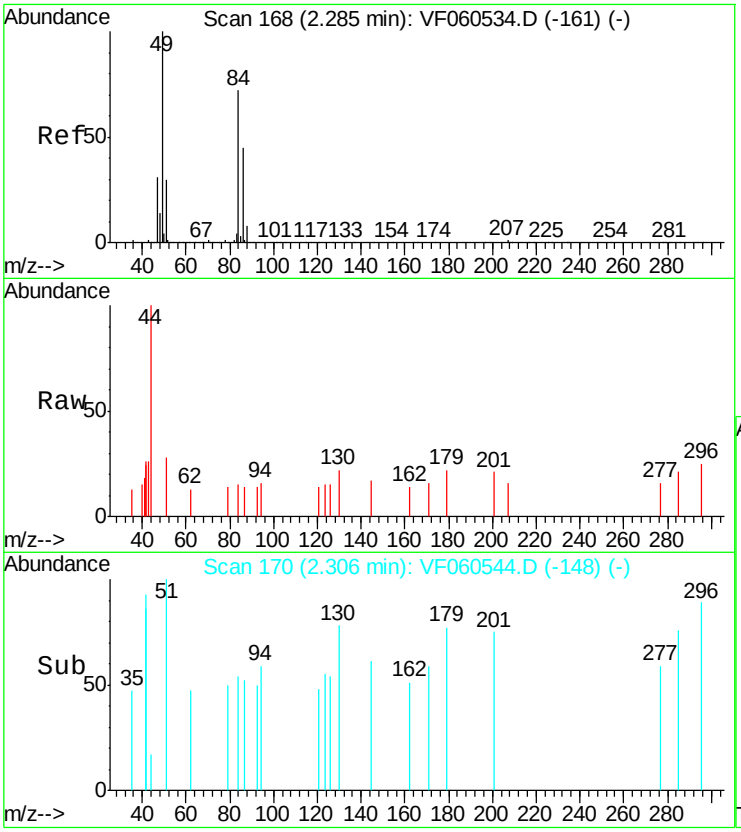


#19
Methyl tert-butyl Ether
Concen: 3.02 ug/l
RT: 2.55 min Scan# 195
Delta R.T. 0.01 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 73 Resp: 59

Ion	Ratio	Lower	Upper
73	100		
57	0.0	14.7	22.1#



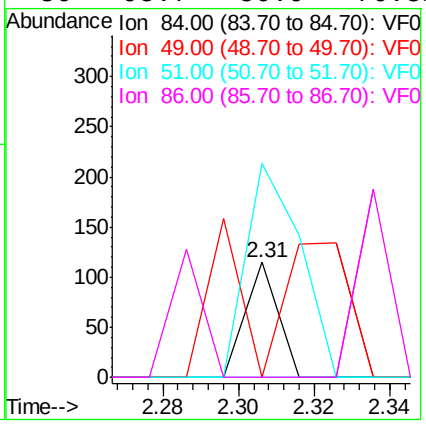


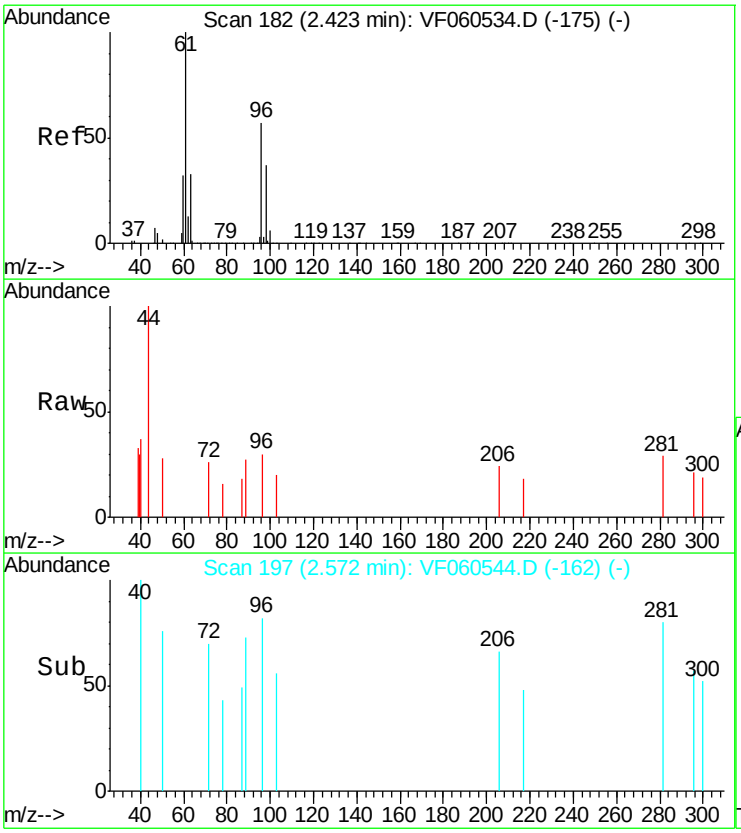
#20
Methylene Chloride
Concen: 7.77 ug/l
RT: 2.31 min Scan# 170
Delta R.T. 0.02 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion: 84 Resp: 68

Ion	Ratio	Lower	Upper
84	100		
49	0.0	115.4	173.0#
51	185.2	35.4	53.2#
86	95.7	50.9	76.3#

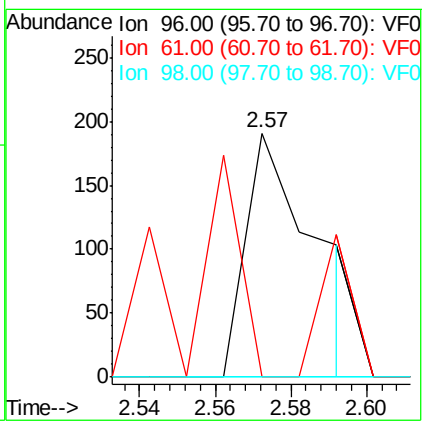


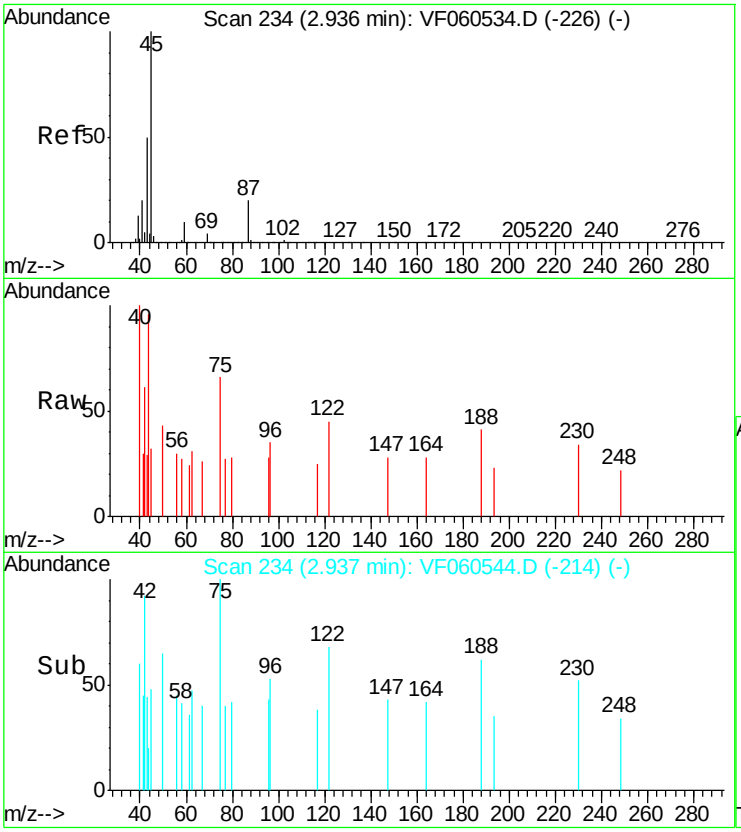


#21
trans-1,2-Dichloroethene
Concen: 26.99 ug/l
RT: 2.57 min Scan# 197
Delta R.T. 0.15 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 96 Resp: 241

Ion	Ratio	Lower	Upper
96	100		
61	0.0	139.8	209.6#
98	0.0	52.2	78.4#



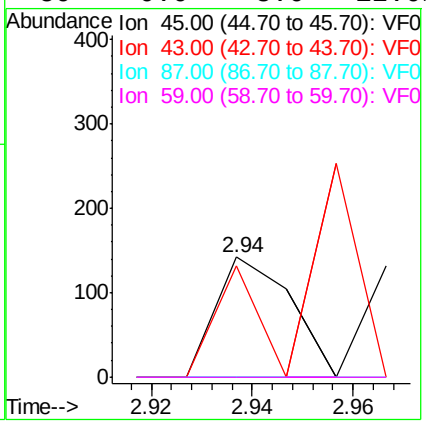


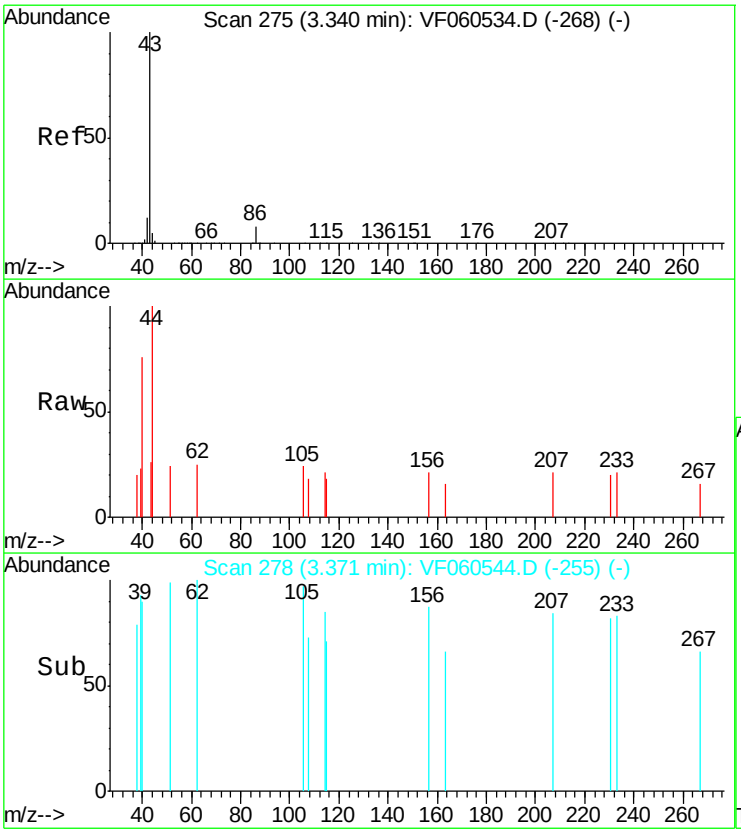
#22
Diisopropyl ether
Concen: 5.75 ug/l
RT: 2.94 min Scan# 234
Delta R.T. 0.00 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 45 Resp: 145

Ion	Ratio	Lower	Upper
45	100		
43	93.0	40.6	60.8#
87	0.0	15.9	23.9#
59	0.0	8.0	12.0#

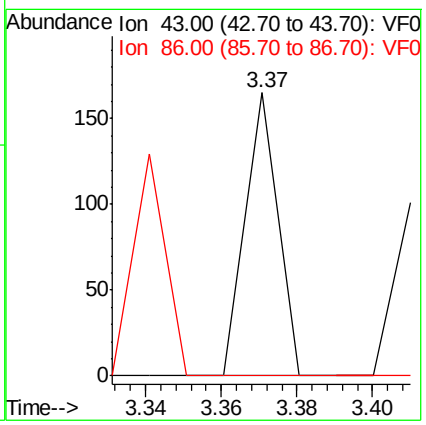


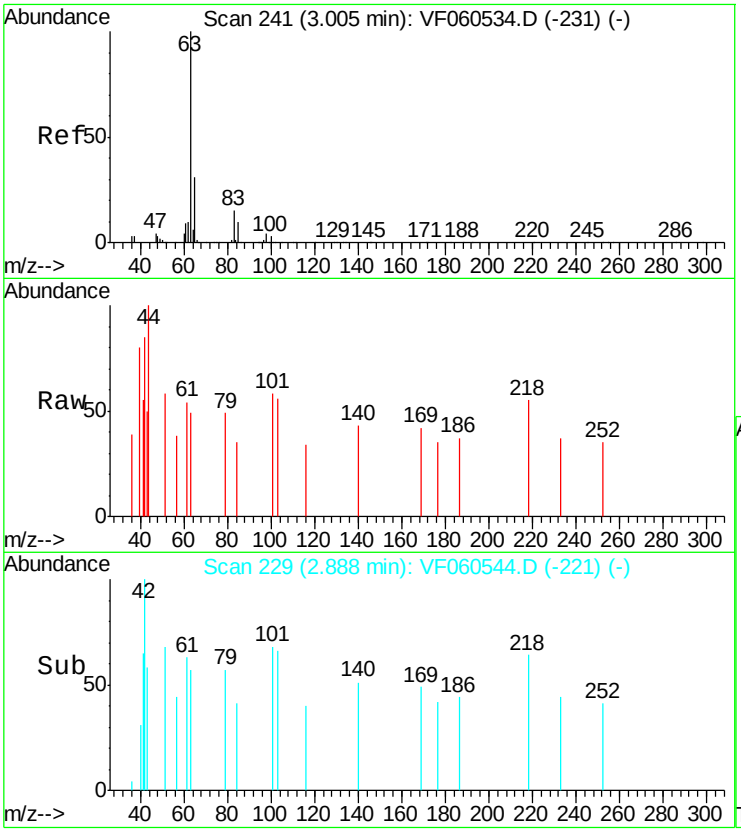


#23
Vinyl Acetate
Concen: 10.48 ug/l
RT: 3.37 min Scan# 278
Delta R.T. 0.03 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 43 Resp: 98

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.2#



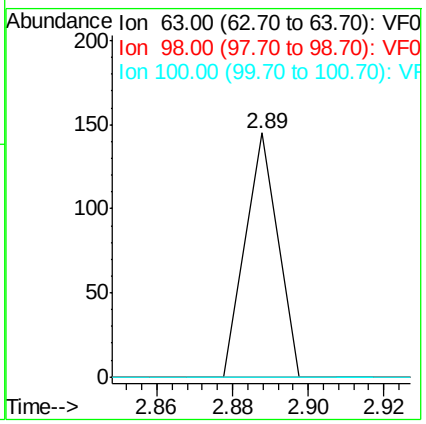


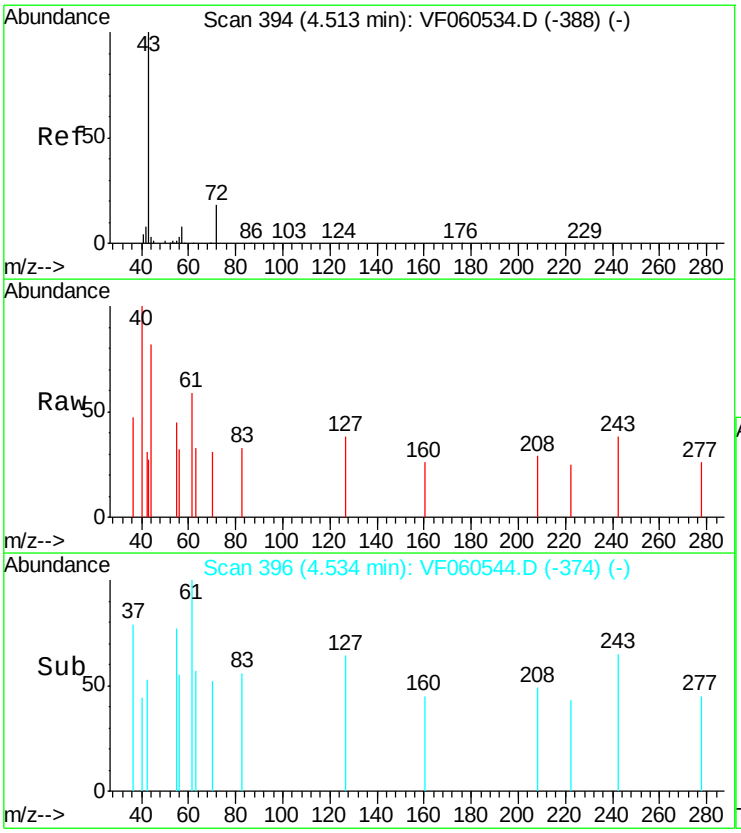
#24
1,1-Dichloroethane
Concen: 4.73 ug/l
RT: 2.89 min Scan# 229
Delta R.T. -0.12 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 63 Resp: 86

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.0	6.0#
100	118.6	1.4	4.0#

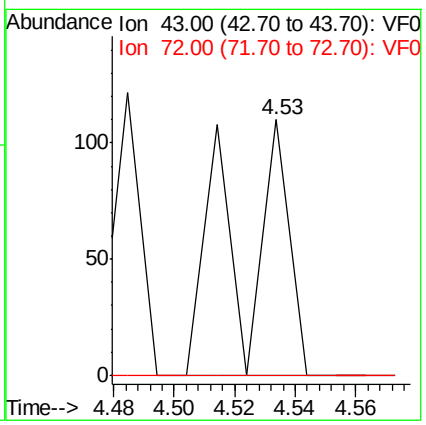


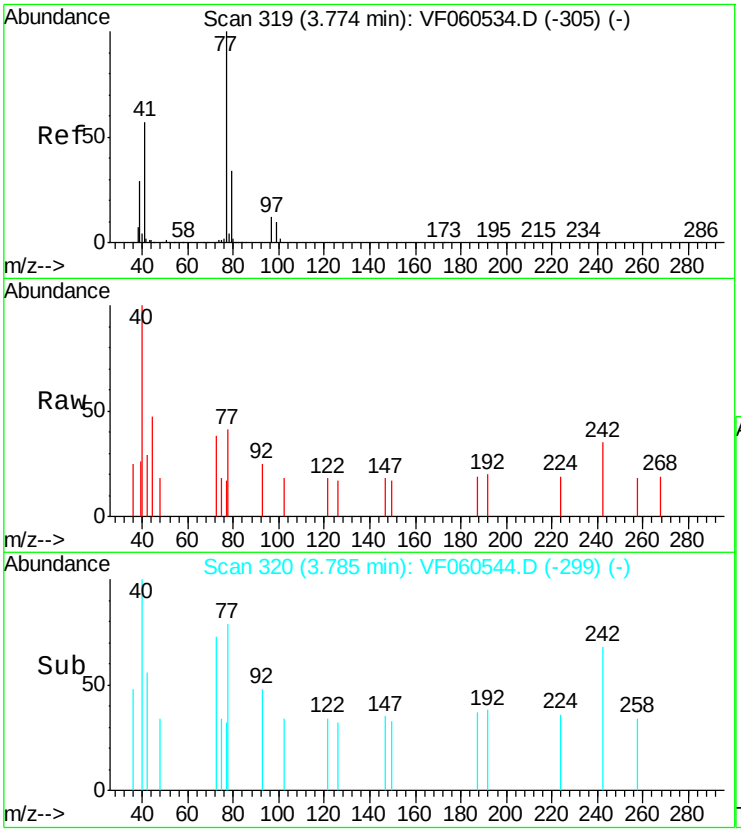


#25
2-Butanone
Concen: 21.34 ug/l
RT: 4.53 min Scan# 396
Delta R.T. 0.02 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 43 Resp: 129

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.4	26.0#



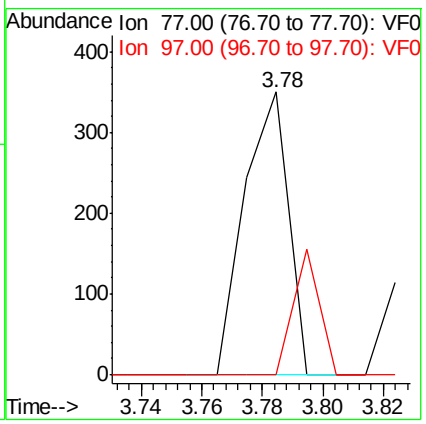


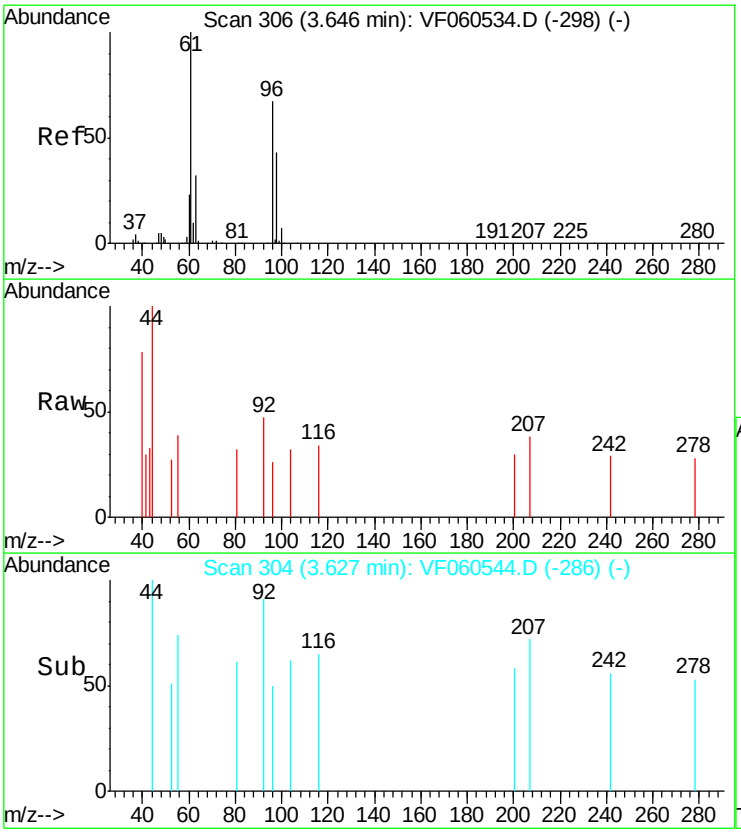
#26
2,2-Dichloropropane
Concen: 31.04 ug/l
RT: 3.78 min Scan# 320
Delta R.T. 0.01 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 77 Resp: 351

Ion	Ratio	Lower	Upper
77	100		
97	0.0	8.5	25.5#

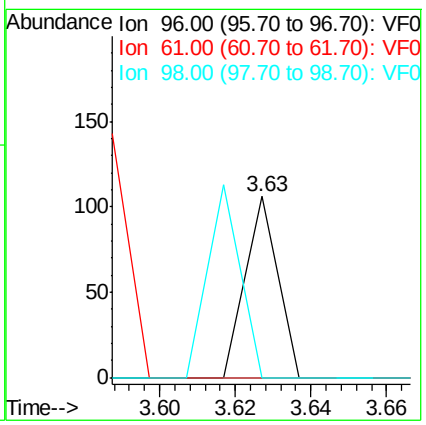


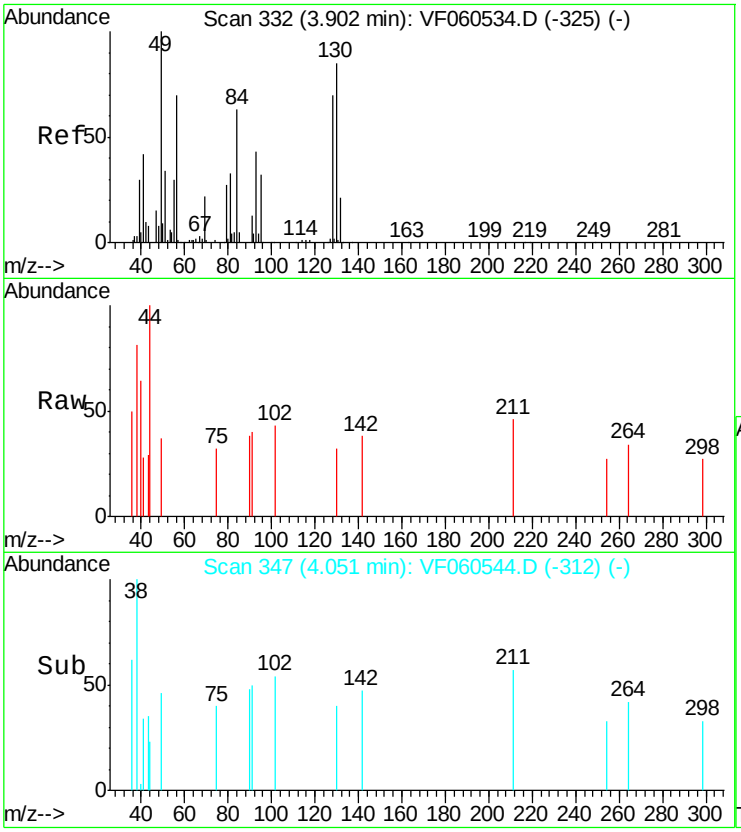


#27
cis-1,2-Dichloroethene
Concen: 5.85 ug/l
RT: 3.63 min Scan# 304
Delta R.T. -0.02 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 96 Resp: 63

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	300.8
98	0.0	0.0	128.4



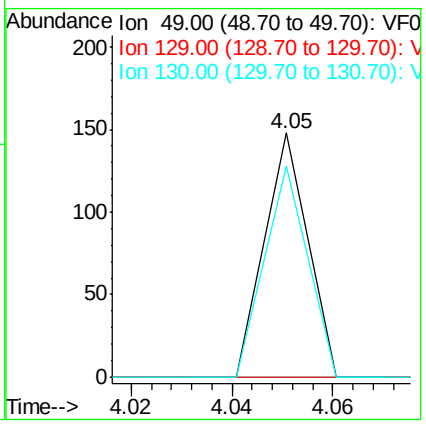


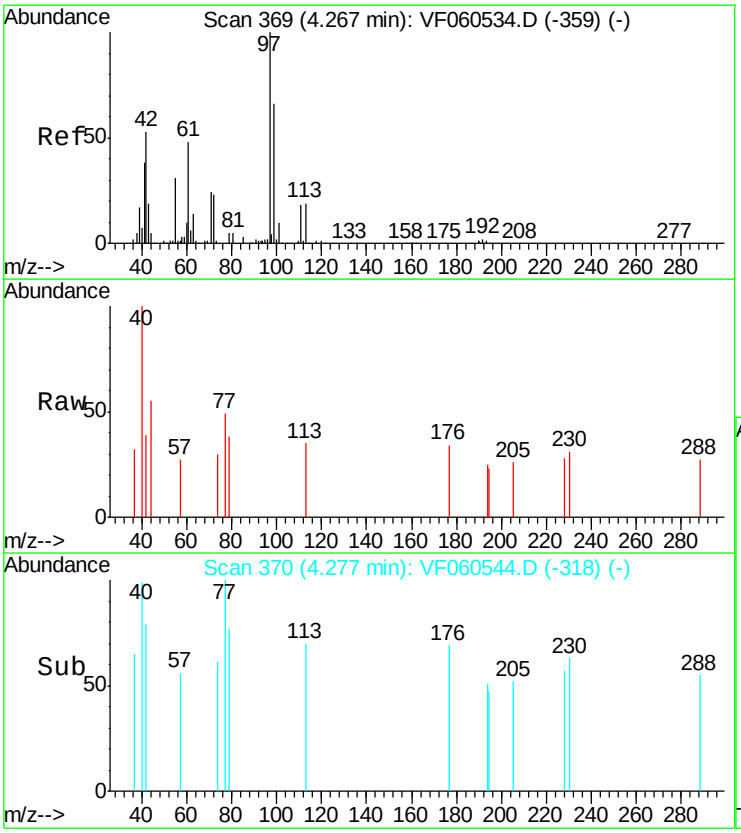
#28
Bromochloromethane
Concen: 13.42 ug/l
RT: 4.05 min Scan# 347
Delta R.T. 0.15 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion: 49 Resp: 88

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	86.5	67.5	101.3

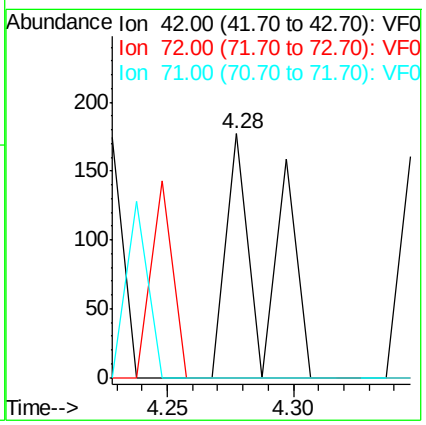


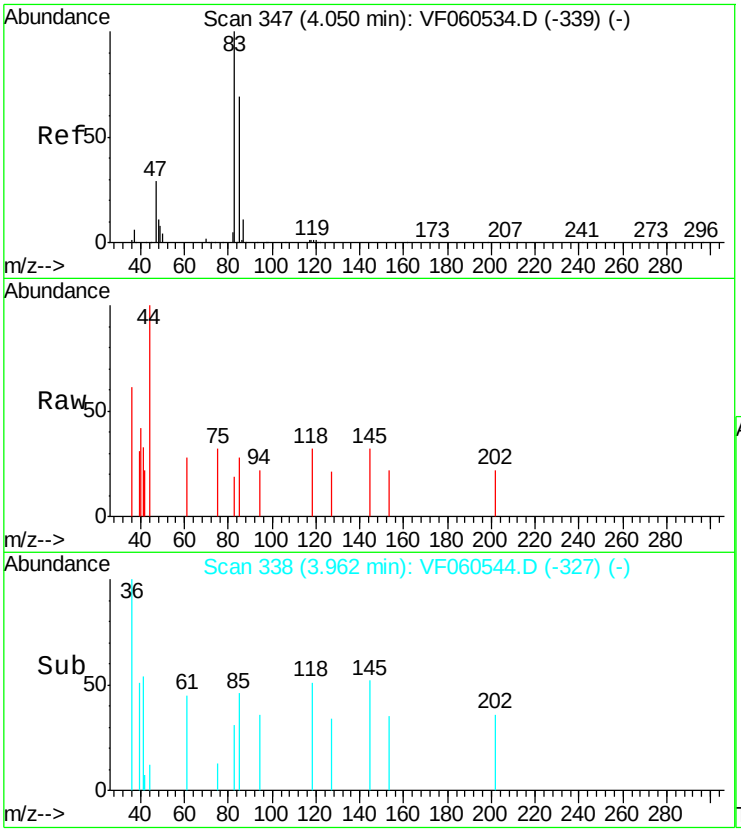


#29
Tetrahydrofuran
Concen: 195.69 ug/l
RT: 4.28 min Scan# 370
Delta R.T. 0.01 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 42 Resp: 199

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.5	48.7#
71	0.0	34.5	51.7#



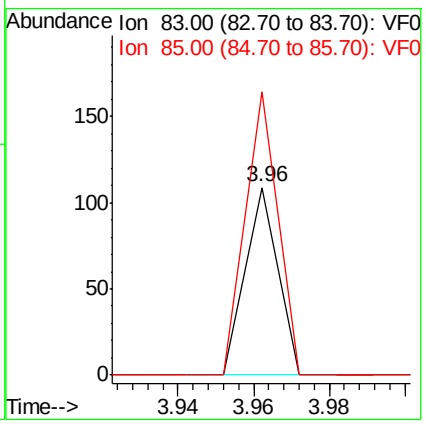


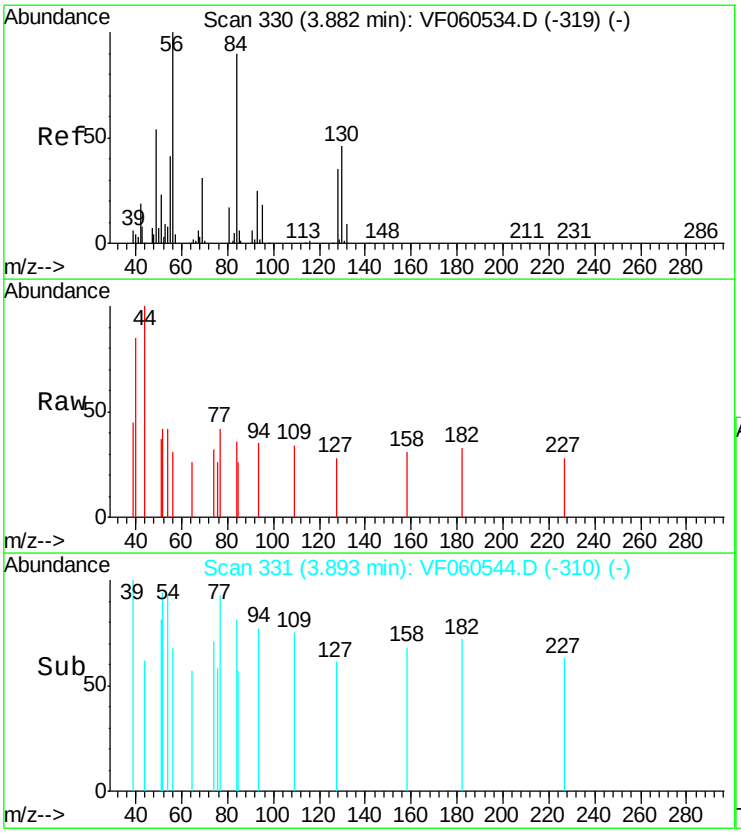
#30
Chloroform
Concen: 2.78 ug/l
RT: 3.96 min Scan# 338
Delta R.T. -0.09 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 83 Resp: 64

Ion	Ratio	Lower	Upper
83	100		
85	150.5	55.0	82.4#

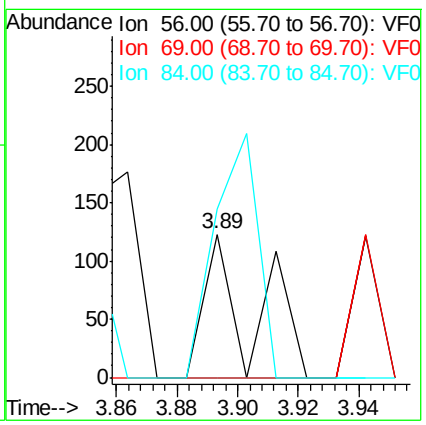


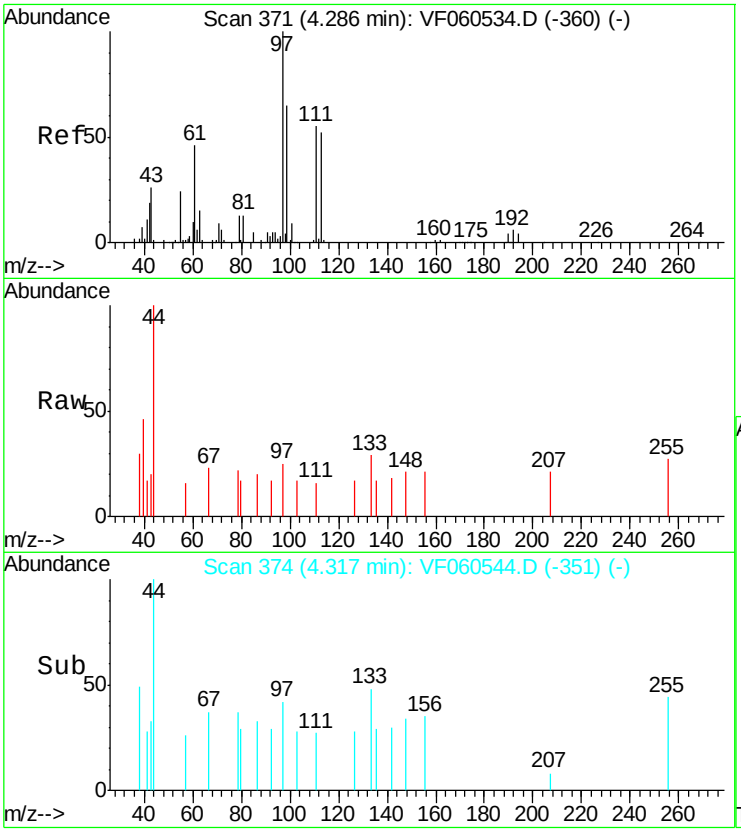


#31
Cyclohexane
Concen: 10.54 ug/l
RT: 3.89 min Scan# 331
Delta R.T. 0.01 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 56 Resp: 137

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.0	37.6#
84	200.8	72.1	108.1#



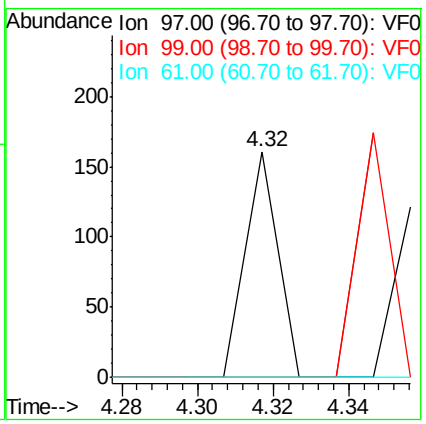


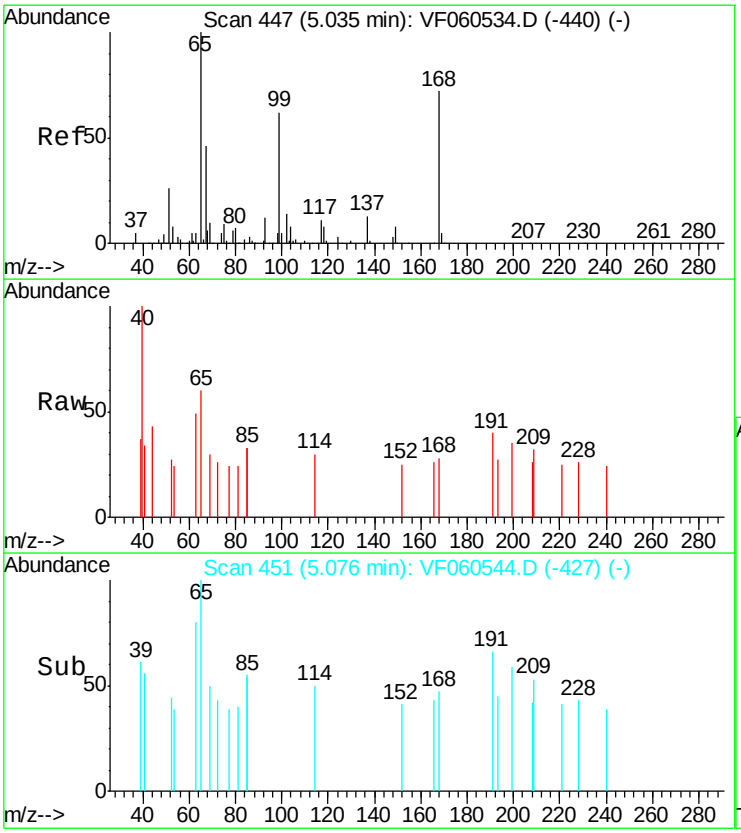
#32
1,1,1-Trichloroethane
Concen: 5.00 ug/l
RT: 4.32 min Scan# 374
Delta R.T. 0.03 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion: 97 Resp: 95

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.7	77.5#
61	0.0	36.8	55.2#

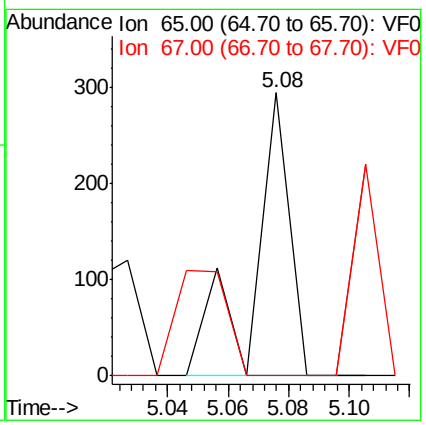


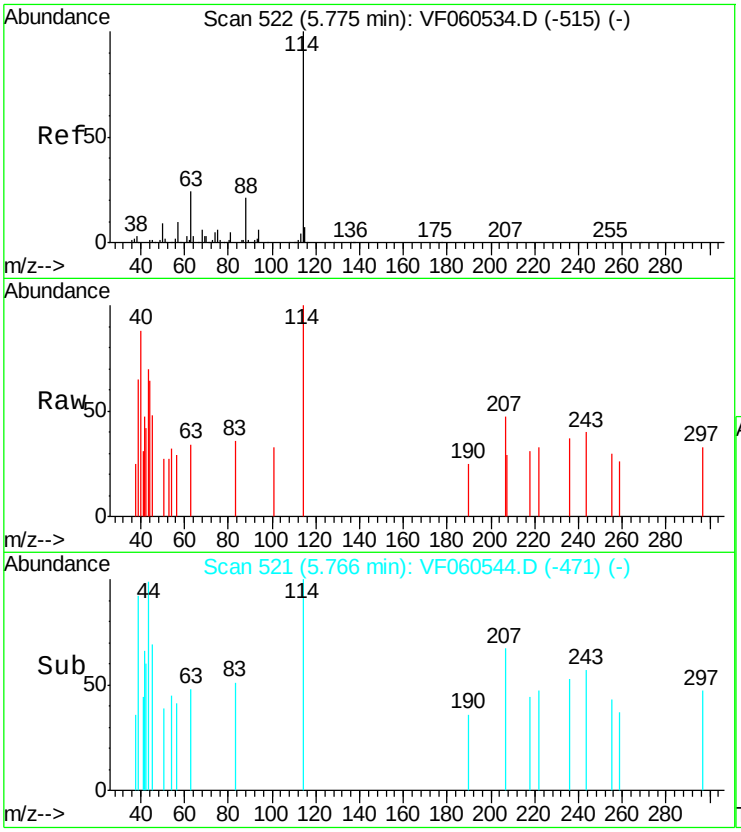


#33
1,2-Dichloroethane-d4
Concen: 20.03 ug/l
RT: 5.08 min Scan# 451
Delta R.T. 0.04 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 65 Resp: 240

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	94.4



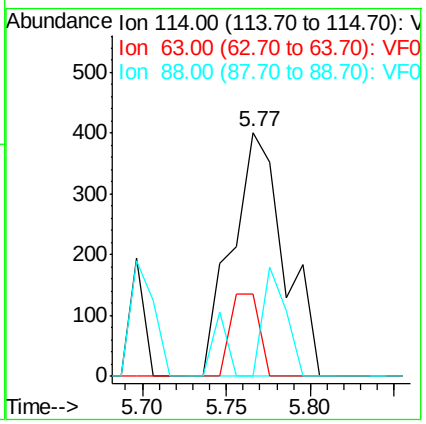


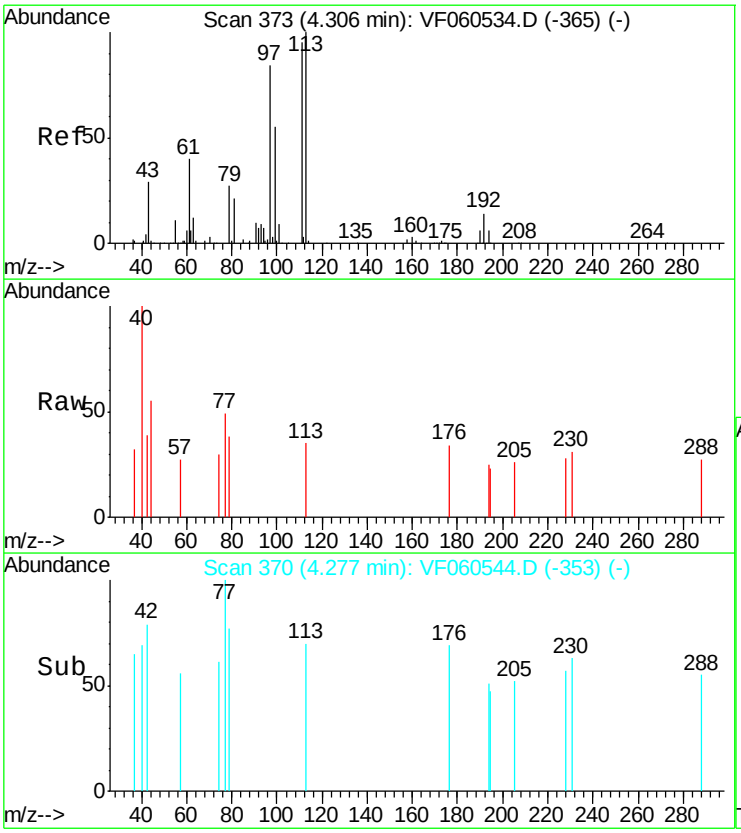
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.77 min Scan# 521
Delta R.T. -0.01 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion:114 Resp: 868

Ion	Ratio	Lower	Upper
114	100		
63	33.7	0.0	48.0
88	0.0	0.0	42.0

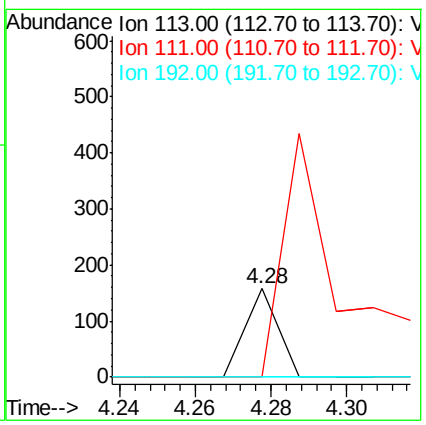


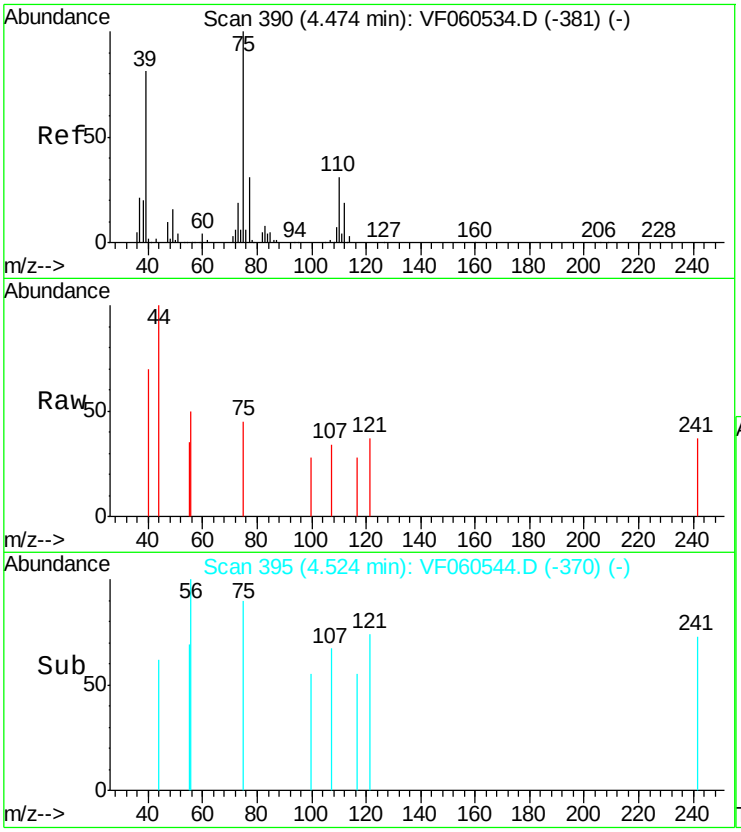


#35
Dibromofluoromethane
Concen: 11.17 ug/l
RT: 4.28 min Scan# 370
Delta R.T. -0.03 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion:113 Resp: 93

Ion	Ratio	Lower	Upper
113	100		
111	0.0	75.9	113.9#
192	0.0	11.2	16.8#



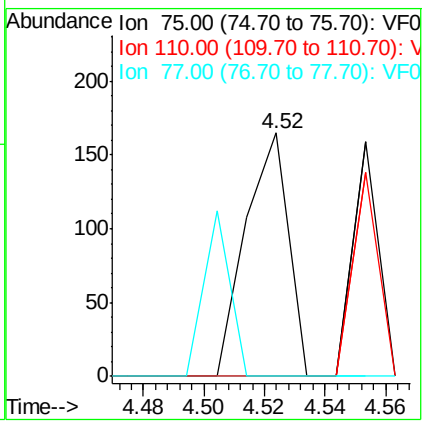


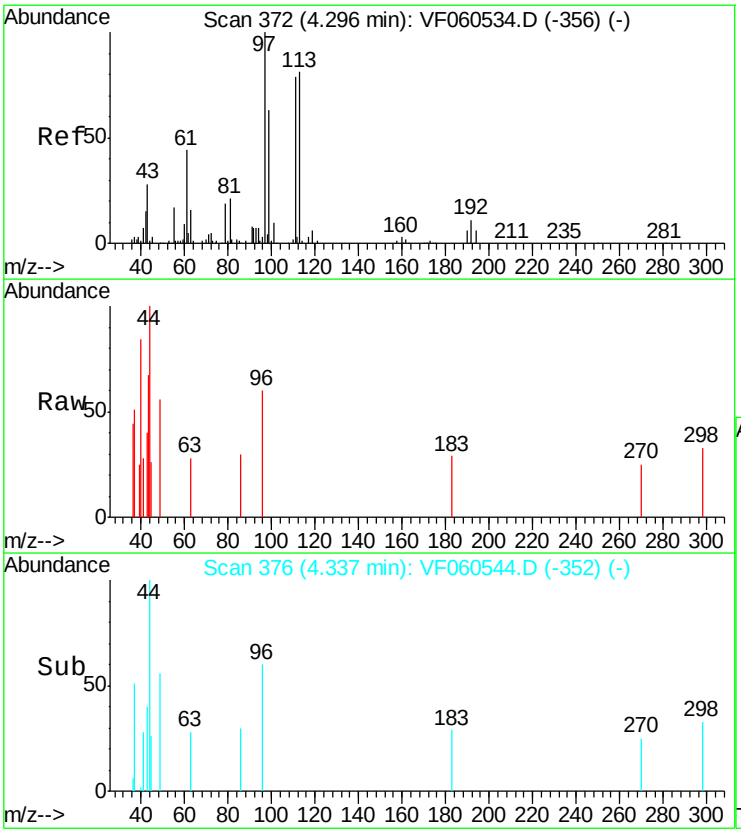
#36
1,1-Dichloropropene
Concen: 14.89 ug/l
RT: 4.52 min Scan# 395
Delta R.T. 0.05 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 75 Resp: 161

Ion	Ratio	Lower	Upper
75	100		
110	0.0	15.3	45.8#
77	0.0	24.8	37.2#

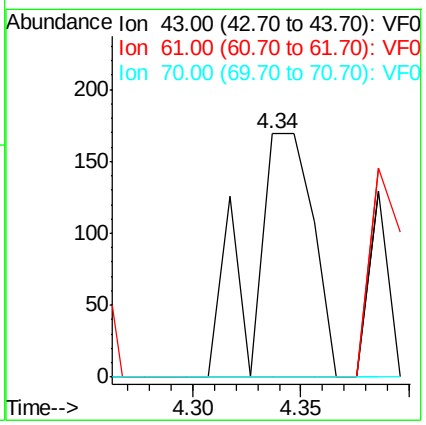


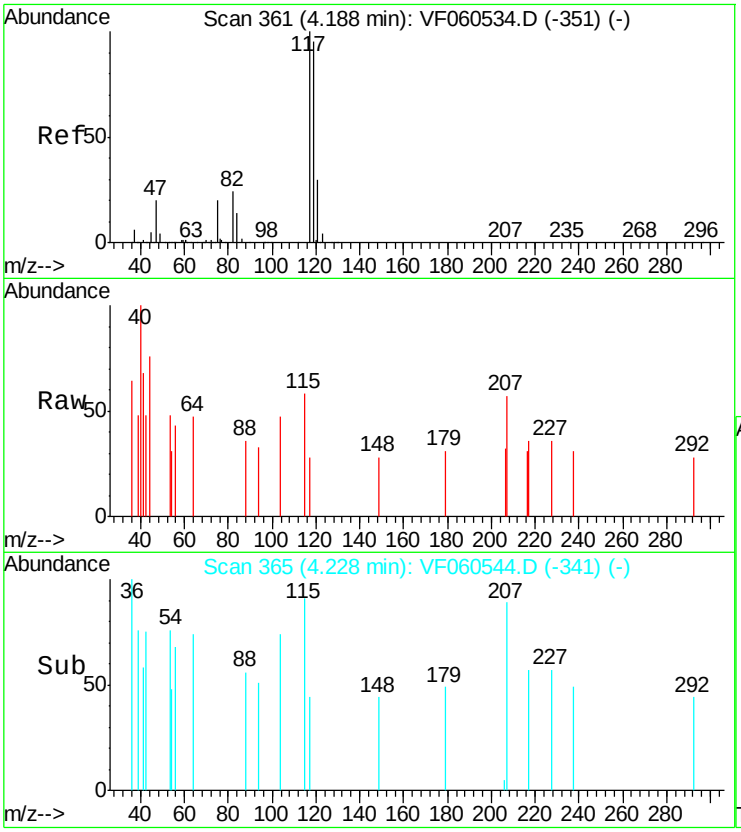


#37
Ethyl Acetate
Concen: 96.54 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.04 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 43 Resp: 338

Ion	Ratio	Lower	Upper
43	100		
61	0.0	123.9	185.9#
70	0.0	7.3	10.9#



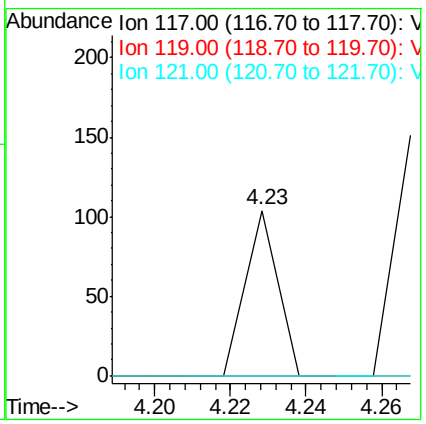


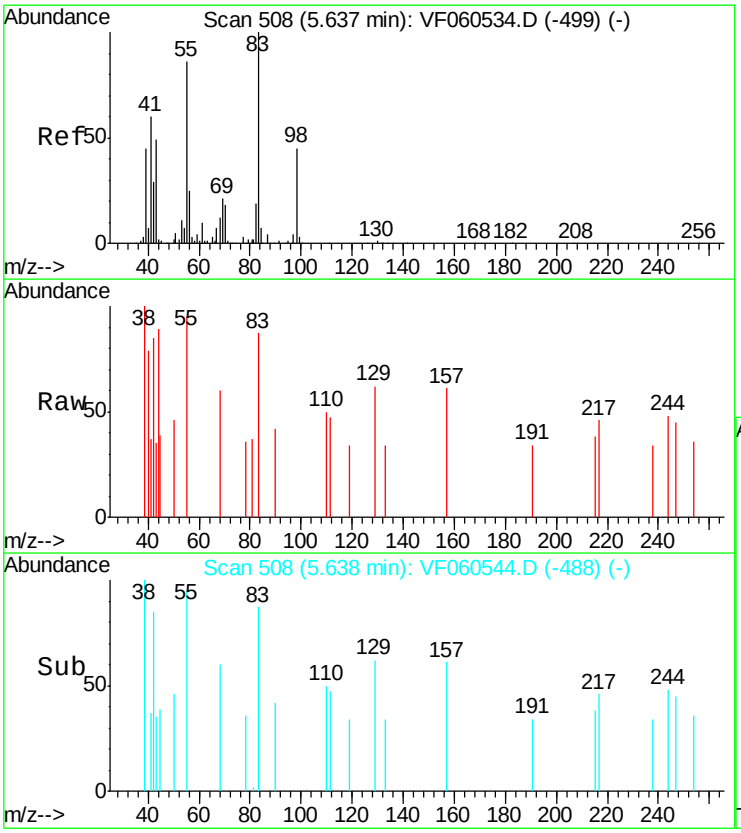
#38
Carbon Tetrachloride
Concen: 4.79 ug/l
RT: 4.23 min Scan# 365
Delta R.T. 0.04 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion:117 Resp: 62

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.5	114.7#
121	0.0	24.3	36.5#

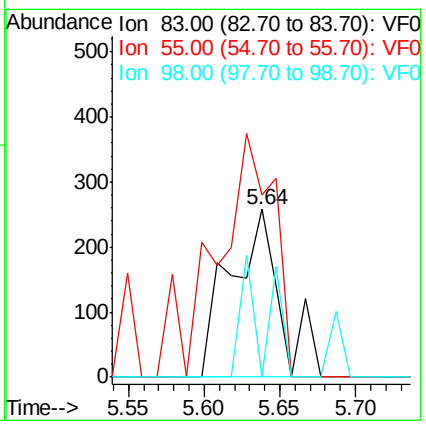


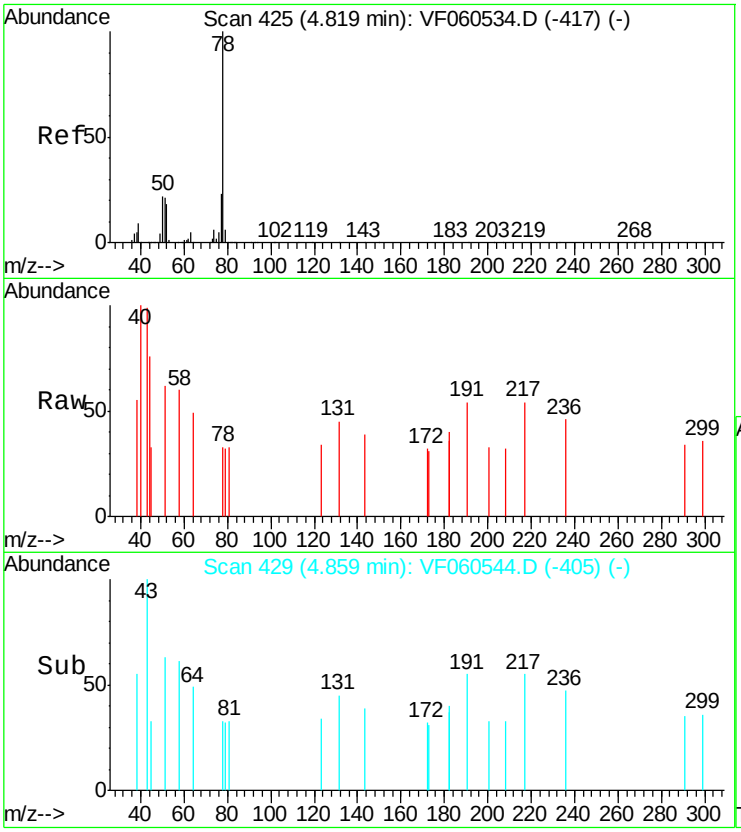


#39
Methylcyclohexane
Concen: 54.39 ug/l
RT: 5.64 min Scan# 508
Delta R.T. 0.00 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 83 Resp: 594

Ion	Ratio	Lower	Upper
83	100		
55	108.9	69.0	103.4#
98	0.0	36.1	54.1#



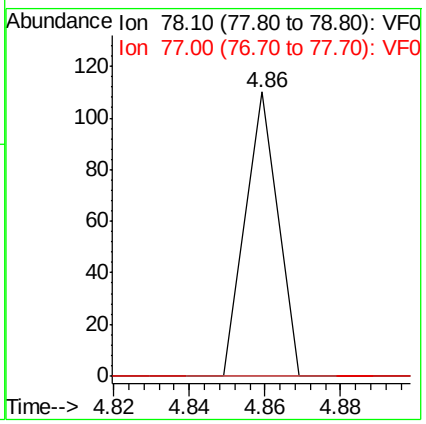


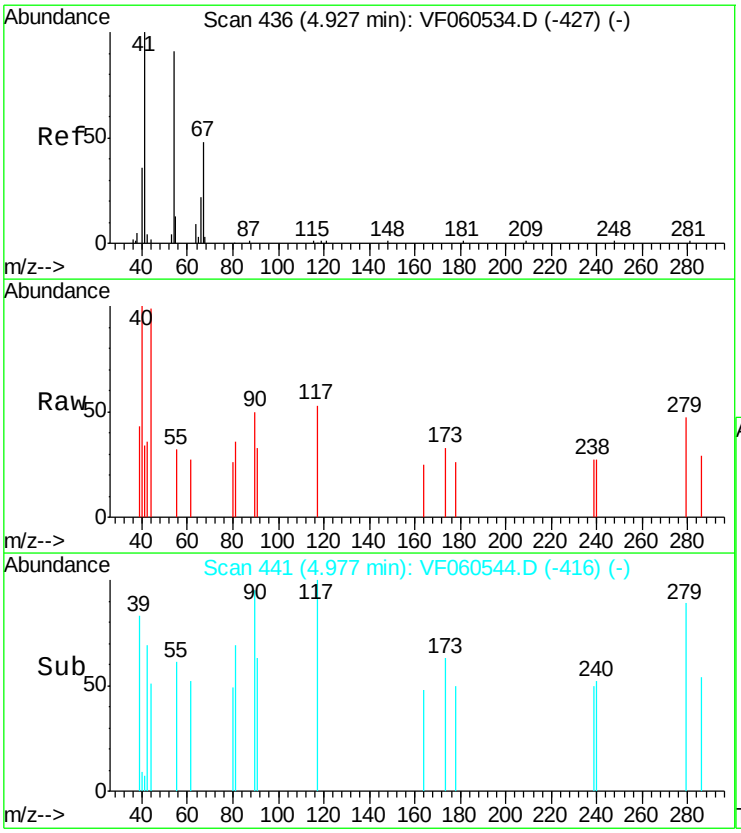
#40
Benzene
Concen: 3.03 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.04 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion: 78 Resp: 65

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.5	27.7#

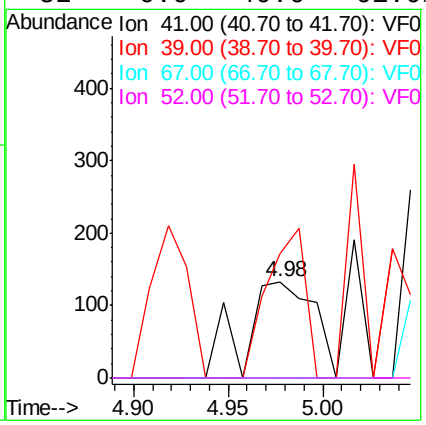


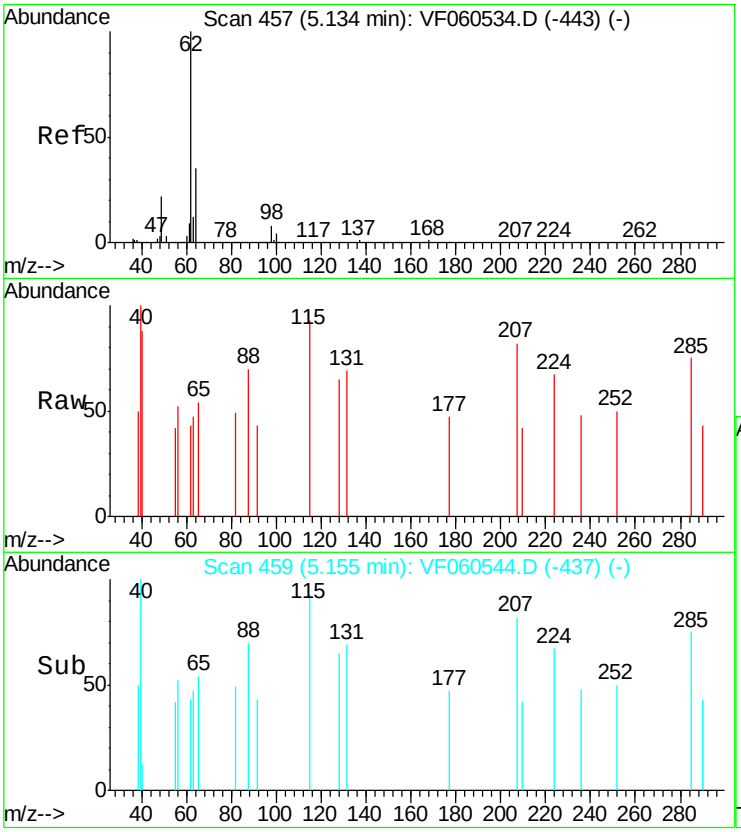


#41
Methacrylonitrile
Concen: 170.39 ug/l
RT: 4.98 min Scan# 441
Delta R.T. 0.05 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 41 Resp: 341

Ion	Ratio	Lower	Upper
41	100		
39	129.3	51.0	76.6#
67	0.0	38.0	57.0#
52	0.0	40.6	61.0#



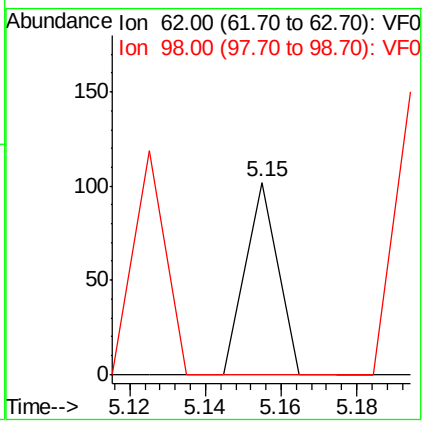


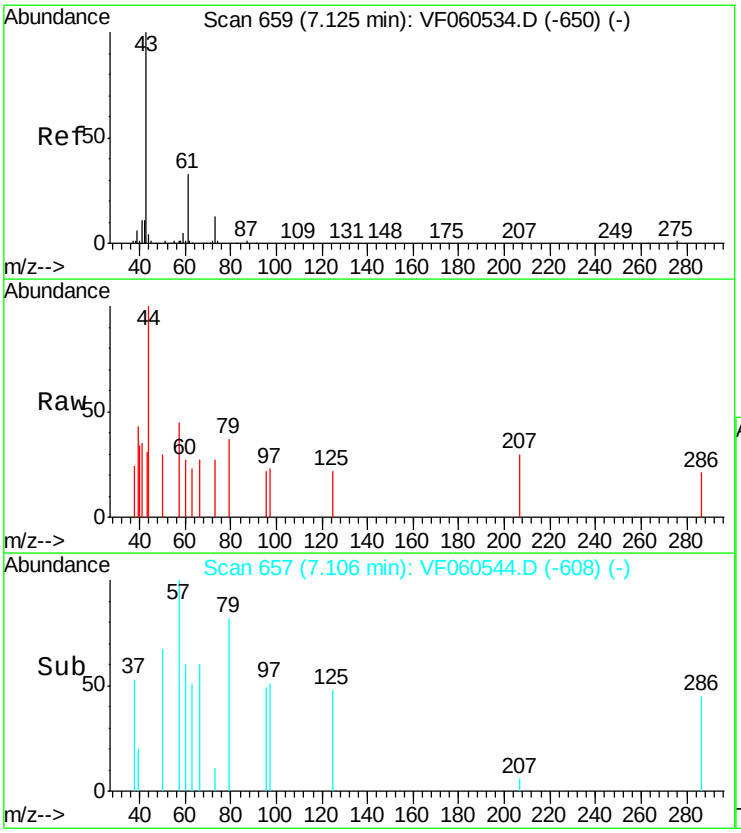
#42
1,2-Dichloroethane
Concen: 6.02 ug/l
RT: 5.15 min Scan# 459
Delta R.T. 0.02 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion: 62 Resp: 60

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8

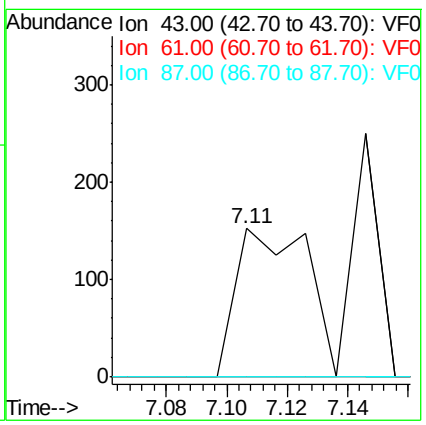


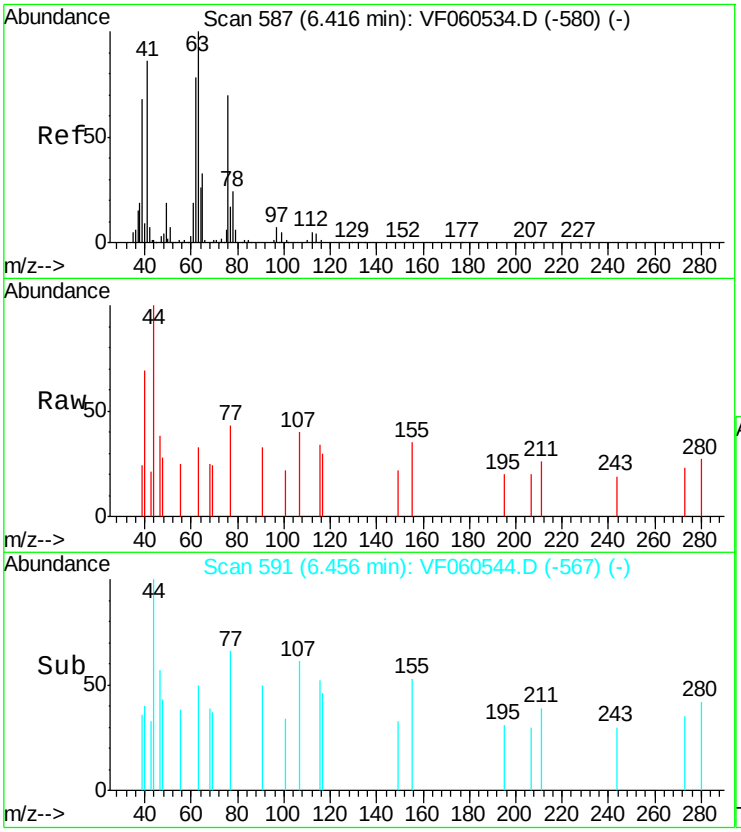


#43
Isopropyl Acetate
Concen: 59.23 ug/l
RT: 7.11 min Scan# 657
Delta R.T. -0.02 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 43 Resp: 251

Ion	Ratio	Lower	Upper
43	100		
61	0.0	26.6	40.0#
87	0.0	0.6	1.0#



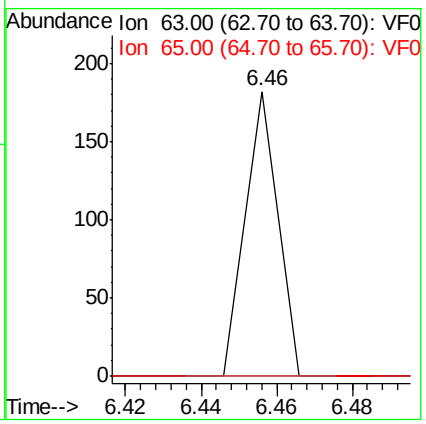


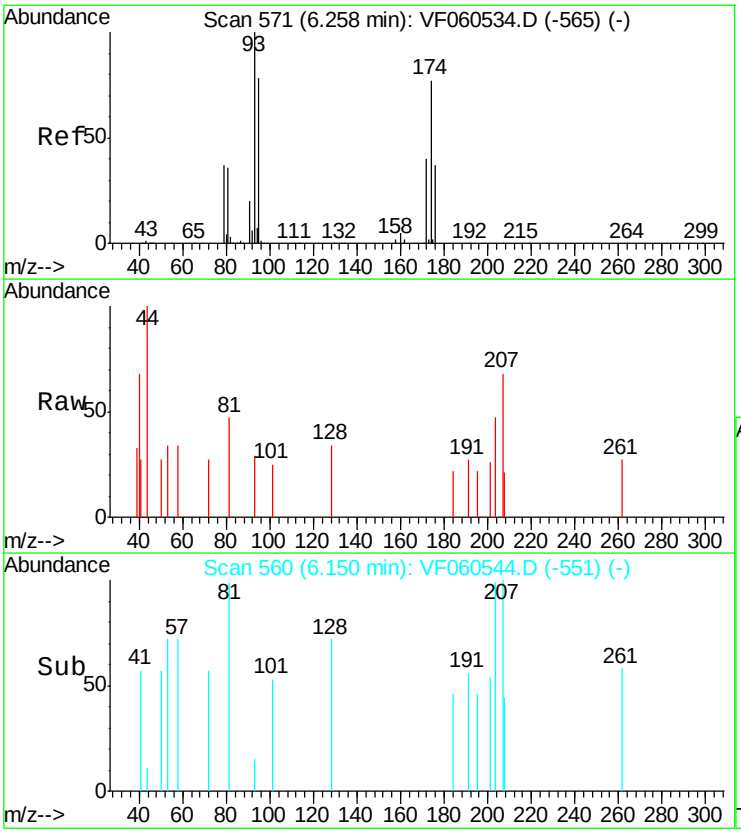
#45
1,2-Dichloropropane
Concen: 20.18 ug/l
RT: 6.46 min Scan# 591
Delta R.T. 0.04 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 63 Resp: 108

Ion	Ratio	Lower	Upper
63	100		
65	0.0	26.5	39.7#

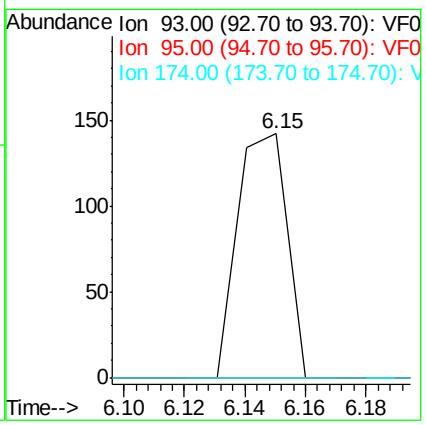


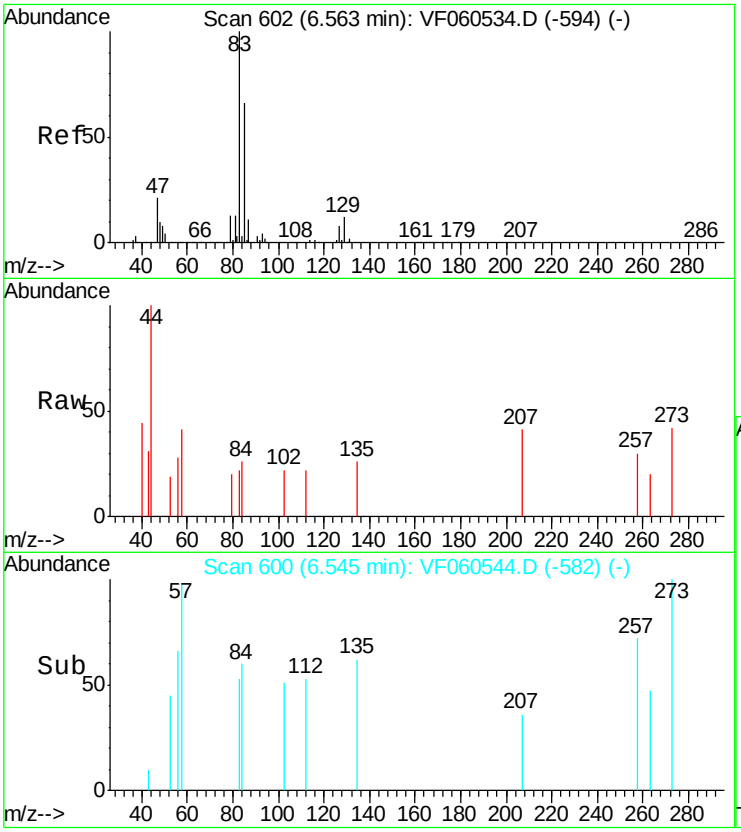


#46
Dibromomethane
Concen: 38.78 ug/l
RT: 6.15 min Scan# 560
Delta R.T. -0.11 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 93 Resp: 163

Ion	Ratio	Lower	Upper
93	100		
95	0.0	64.3	96.5#
174	0.0	63.3	94.9#



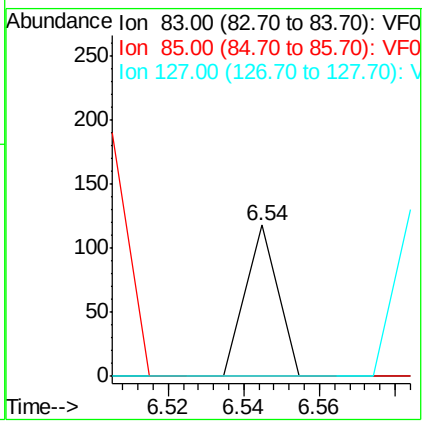


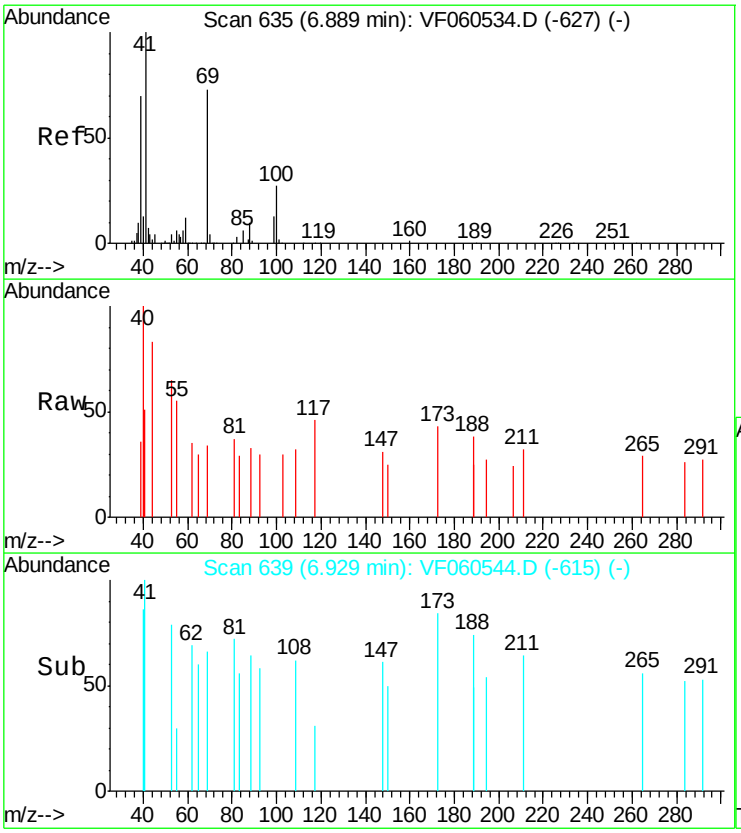
#47
Bromodichloromethane
Concen: 6.49 ug/l
RT: 6.54 min Scan# 600
Delta R.T. -0.02 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 83 Resp: 70

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.7	79.1#
127	0.0	6.4	9.6#

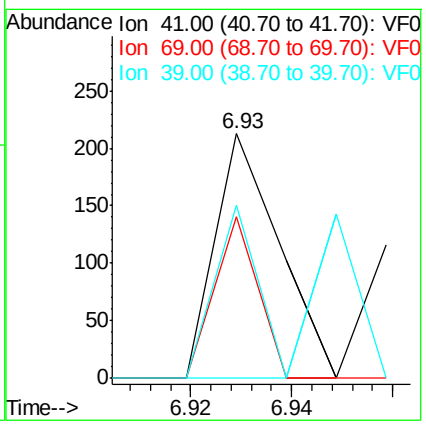


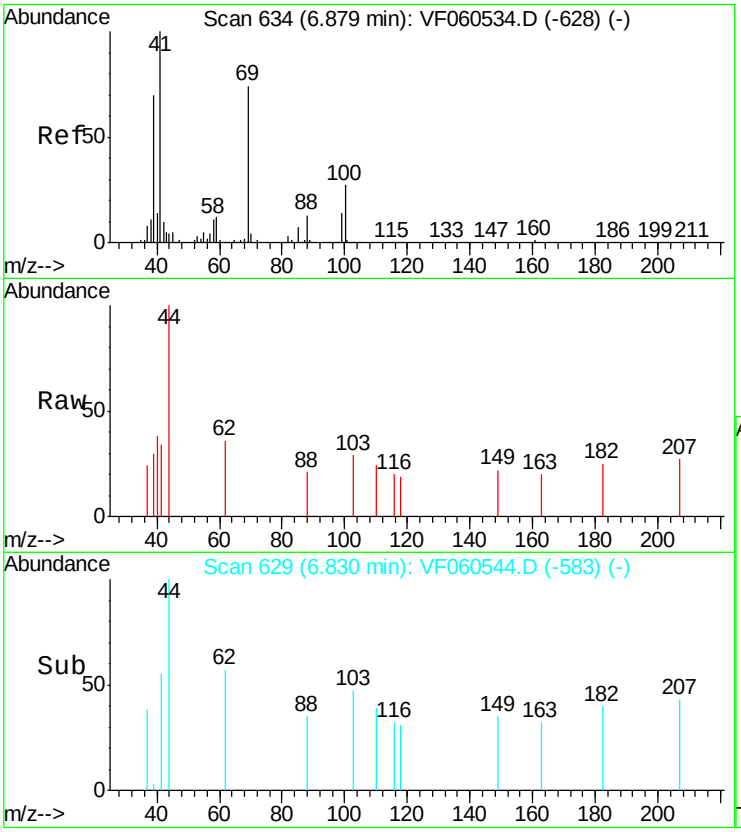


#48
Methyl methacrylate
Concen: 63.63 ug/l
RT: 6.93 min Scan# 639
Delta R.T. 0.04 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 41 Resp: 186

Ion	Ratio	Lower	Upper
41	100		
69	66.2	58.4	87.6
39	70.9	56.4	84.6



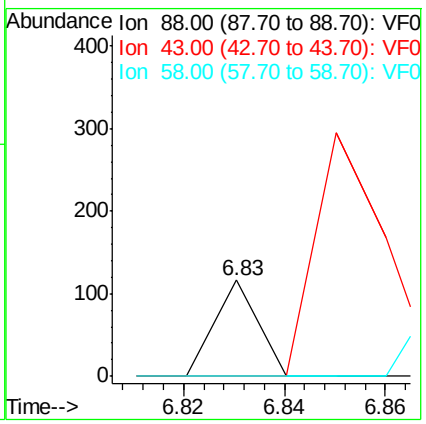


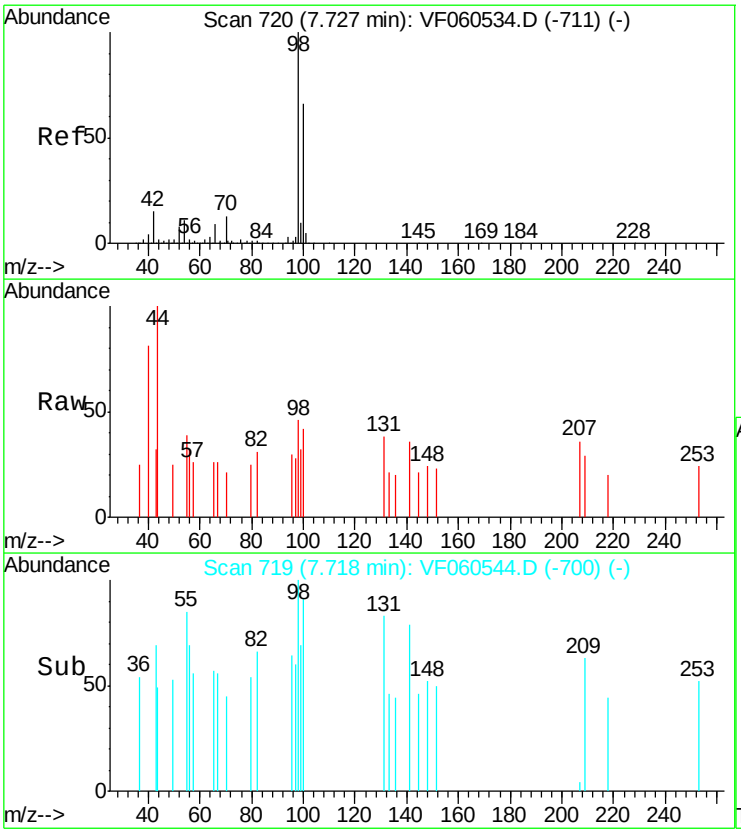
#49
1,4-Dioxane
Concen: 2537.51 ug/l
RT: 6.83 min Scan# 629
Delta R.T. -0.05 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
43	0.0	49.7	74.5#
58	0.0	67.7	101.5#

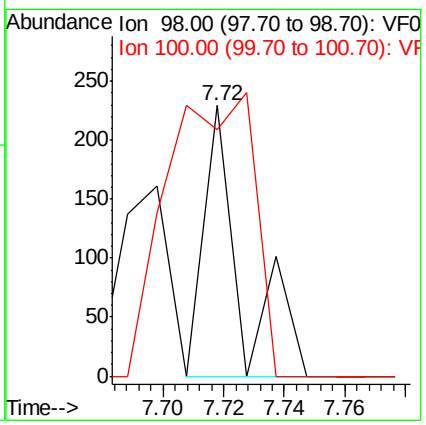


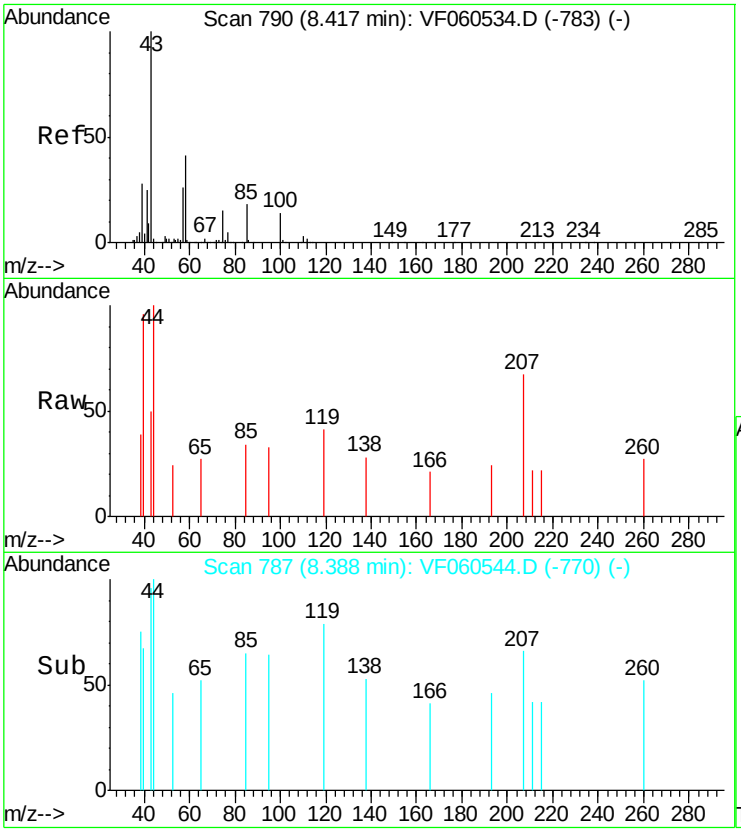


#50
Toluene-d8
Concen: 9.59 ug/l
RT: 7.72 min Scan# 719
Delta R.T. -0.01 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 98 Resp: 195

Ion	Ratio	Lower	Upper
98	100		
100	91.3	53.0	79.6#



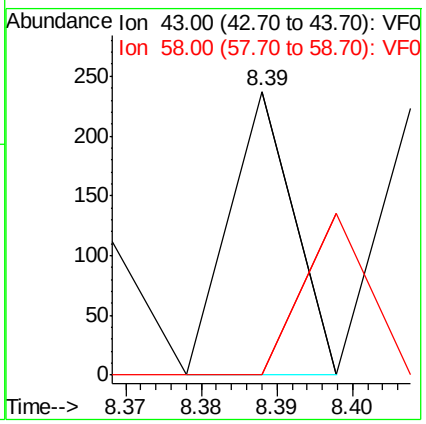


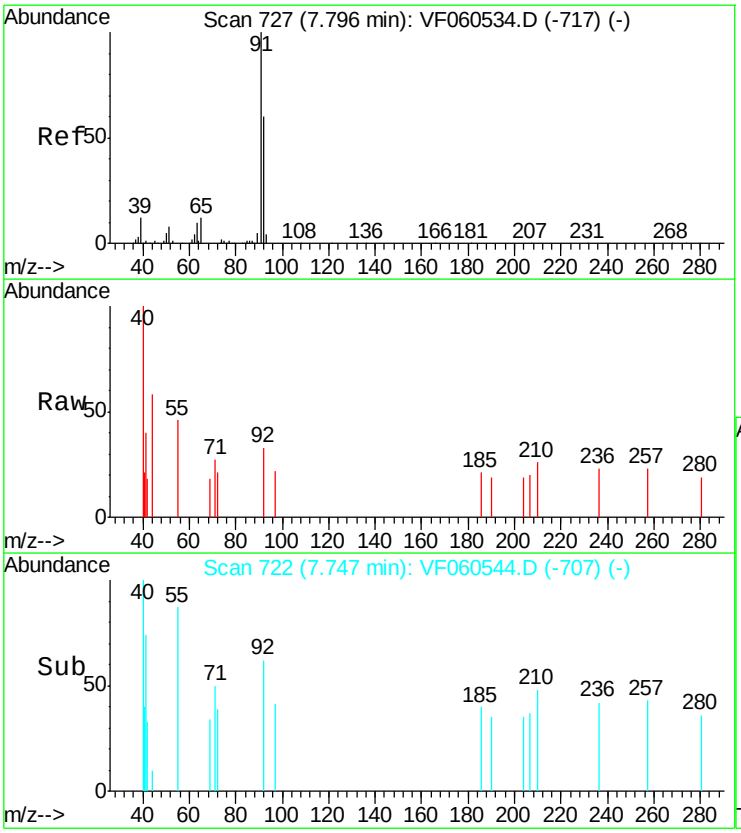
#51
4-Methyl-2-Pentanone
Concen: 45.61 ug/l
RT: 8.39 min Scan# 787
Delta R.T. -0.03 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion: 43 Resp: 140

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.6	49.0#

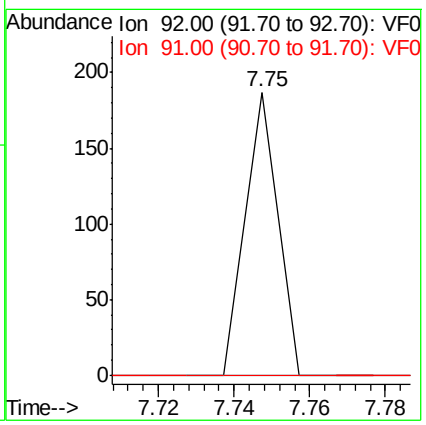


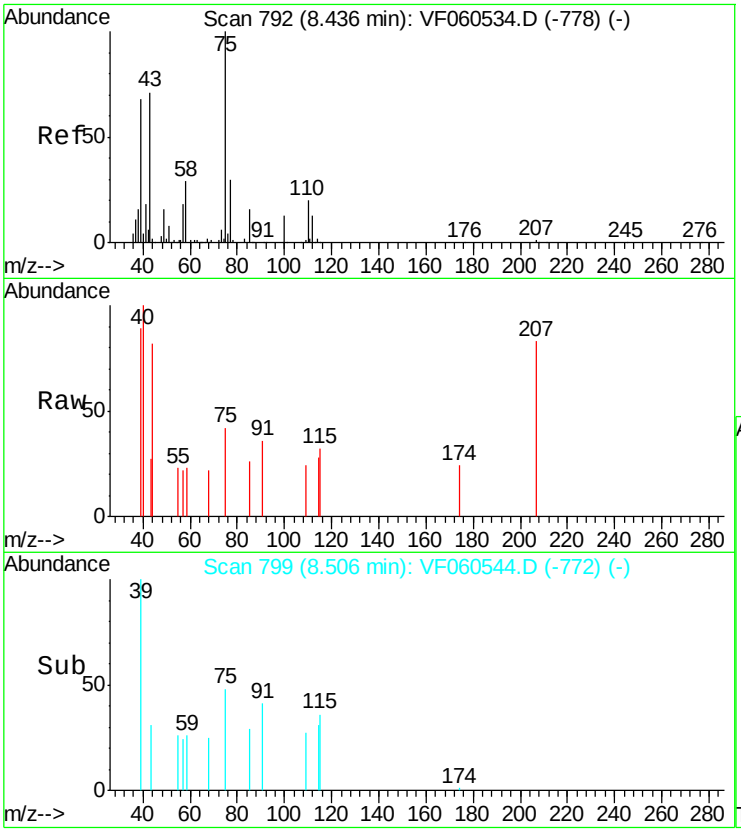


#52
Toluene
Concen: 7.97 ug/l
RT: 7.75 min Scan# 722
Delta R.T. -0.05 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 92 Resp: 111

Ion	Ratio	Lower	Upper
92	100		
91	0.0	134.1	201.1#



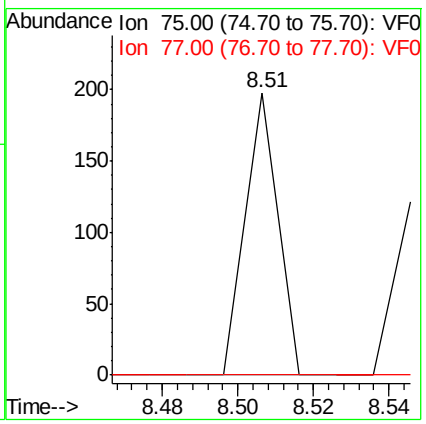


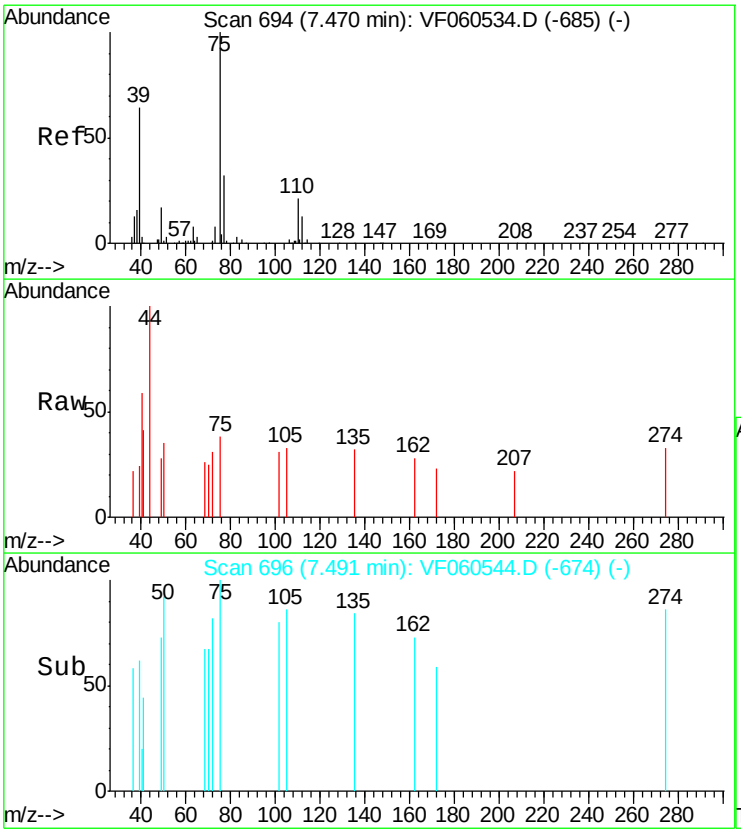
#53
t-1,3-Dichloropropene
Concen: 13.89 ug/l
RT: 8.51 min Scan# 799
Delta R.T. 0.07 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion: 75 Resp: 117

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.2	36.4#

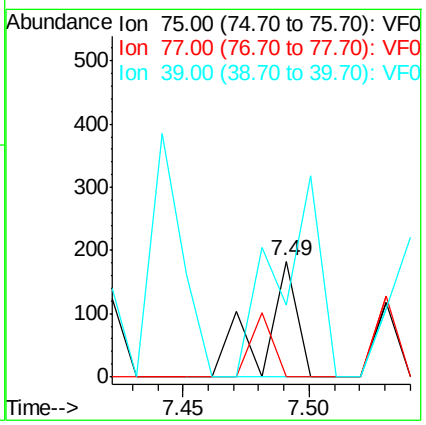


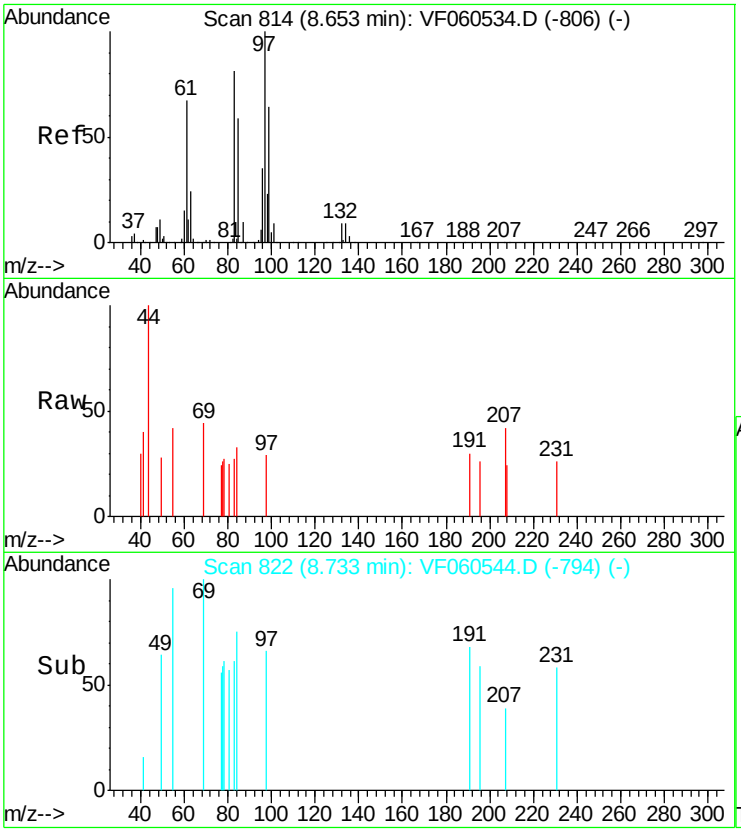


#54
cis-1,3-Dichloropropene
Concen: 17.03 ug/l
RT: 7.49 min Scan# 696
Delta R.T. 0.02 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 75 Resp: 170

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	62.3	51.5	77.3



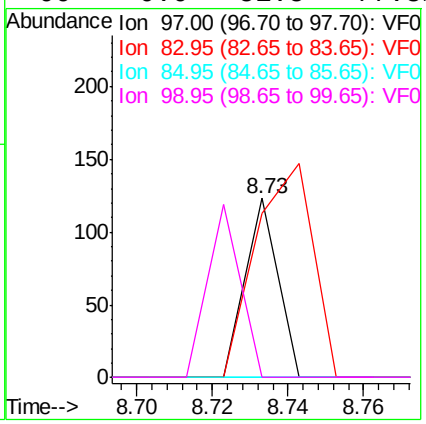


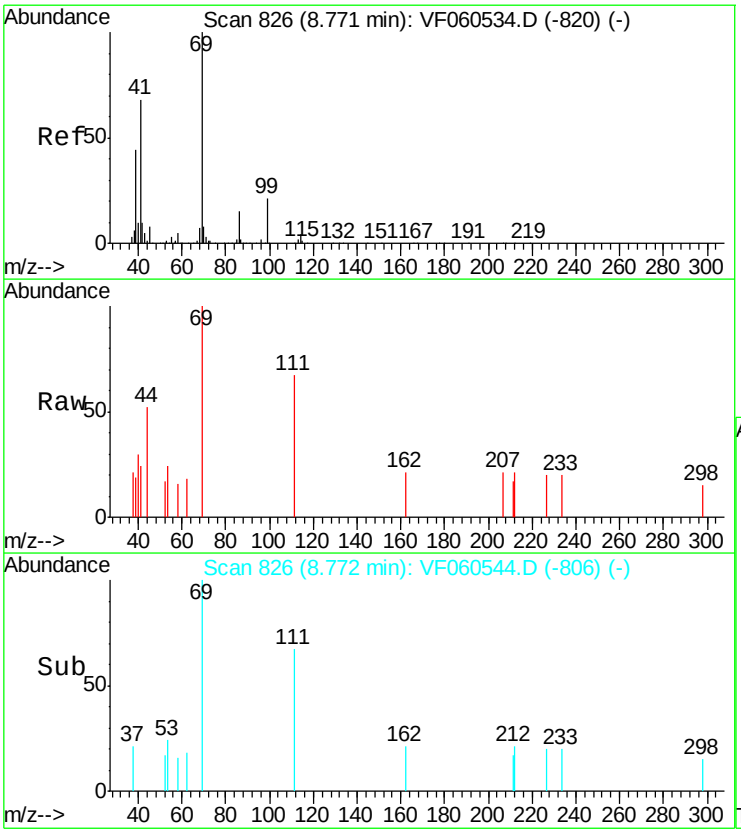
#55
1,1,2-Trichloroethane
Concen: 17.50 ug/l
RT: 8.73 min Scan# 822
Delta R.T. 0.08 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion: 97 Resp: 73

Ion	Ratio	Lower	Upper
97	100		
83	91.9	65.3	97.9
85	0.0	47.6	71.4#
99	0.0	51.5	77.3#

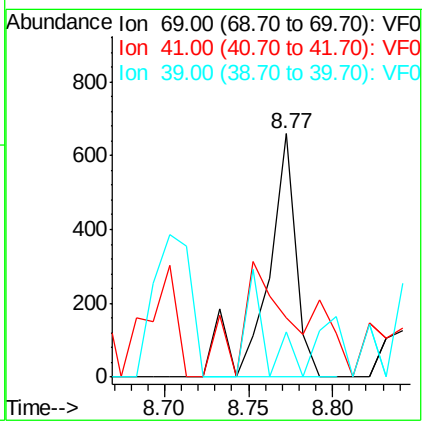


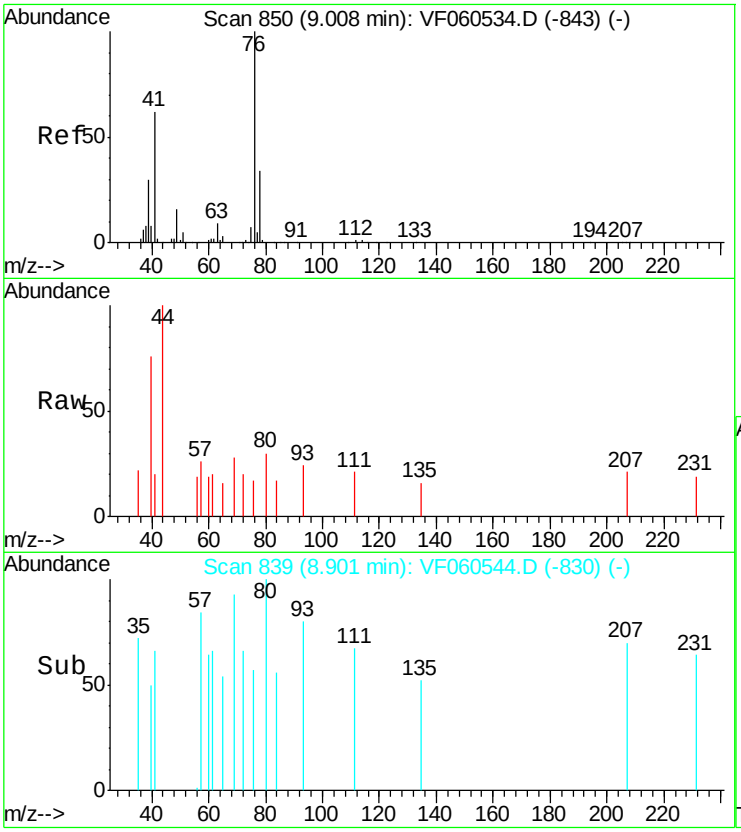


#56
Ethyl methacrylate
Concen: 169.39 ug/l
RT: 8.77 min Scan# 826
Delta R.T. 0.00 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 69 Resp: 793

Ion	Ratio	Lower	Upper
69	100		
41	24.4	55.0	82.6#
39	18.6	35.1	52.7#



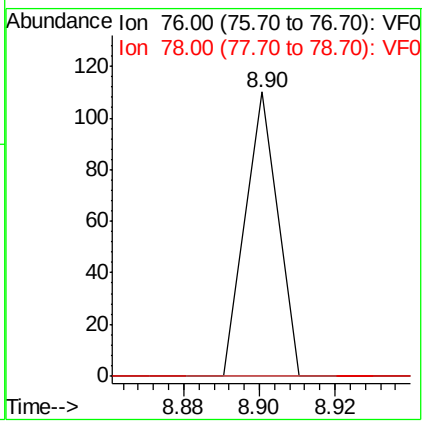


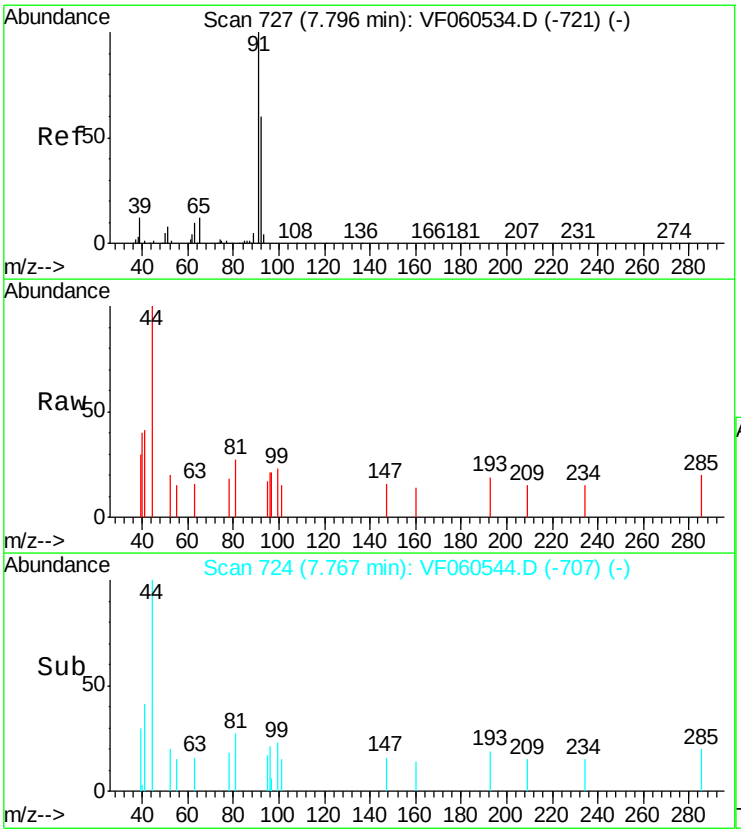
#57
1,3-Dichloropropane
Concen: 9.21 ug/l
RT: 8.90 min Scan# 839
Delta R.T. -0.11 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion: 76 Resp: 65

Ion	Ratio	Lower	Upper
76	100		
78	0.0	27.3	40.9#

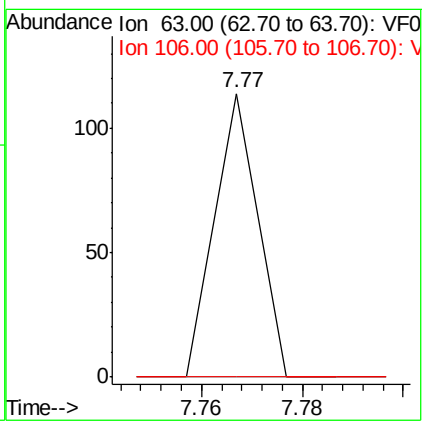


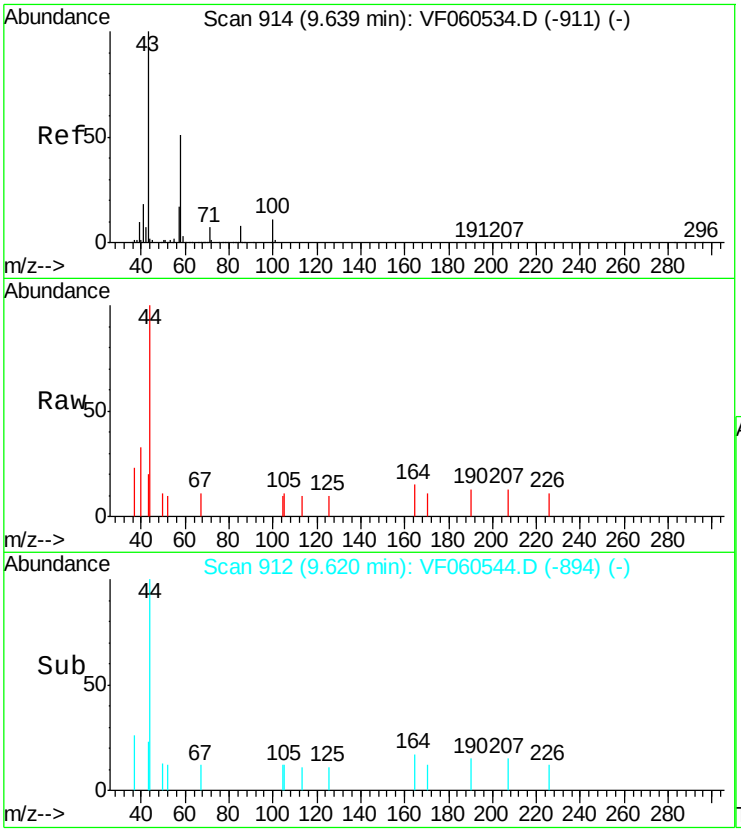


#58
2-Chloroethyl Vinyl ether
Concen: 138.86 ug/l
RT: 7.77 min Scan# 724
Delta R.T. -0.03 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 63 Resp: 67

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



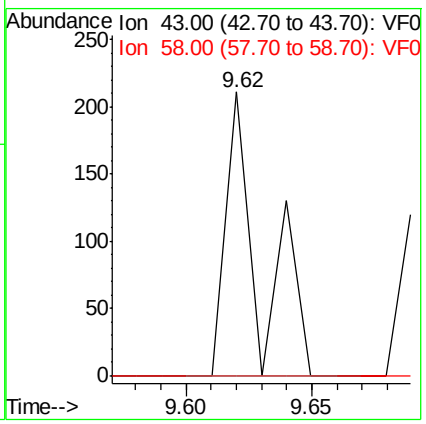


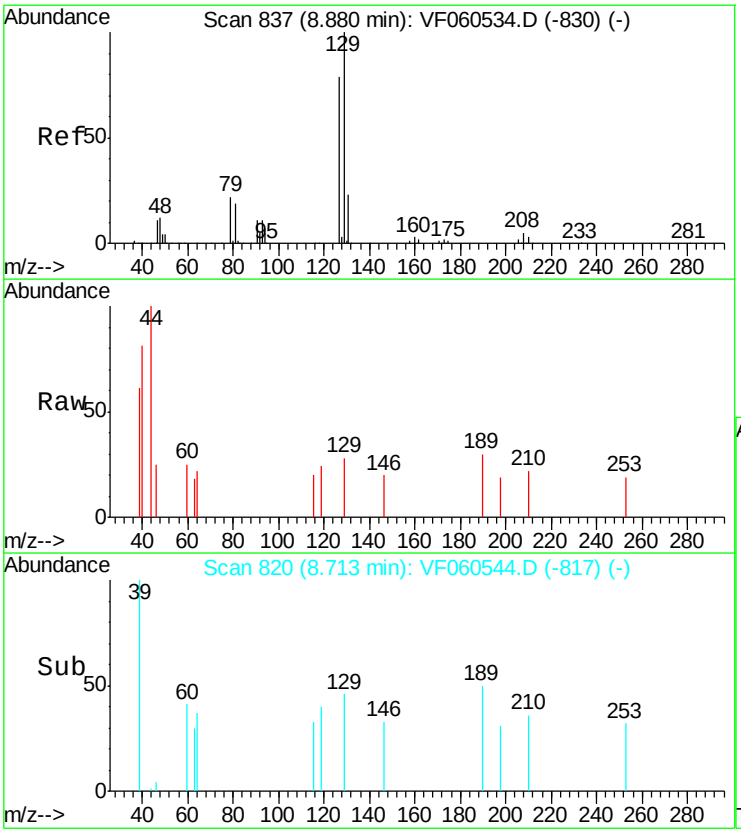
#59
2-Hexanone
Concen: 85.80 ug/l
RT: 9.62 min Scan# 912
Delta R.T. -0.02 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 43 Resp: 202

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.1	72.3#

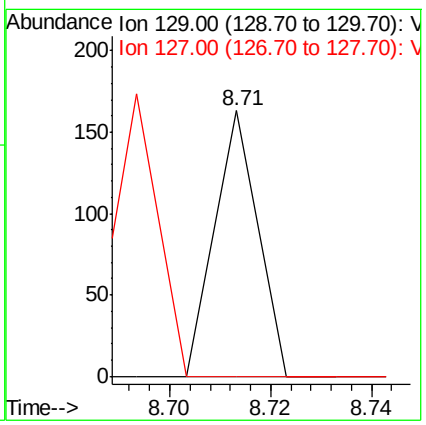


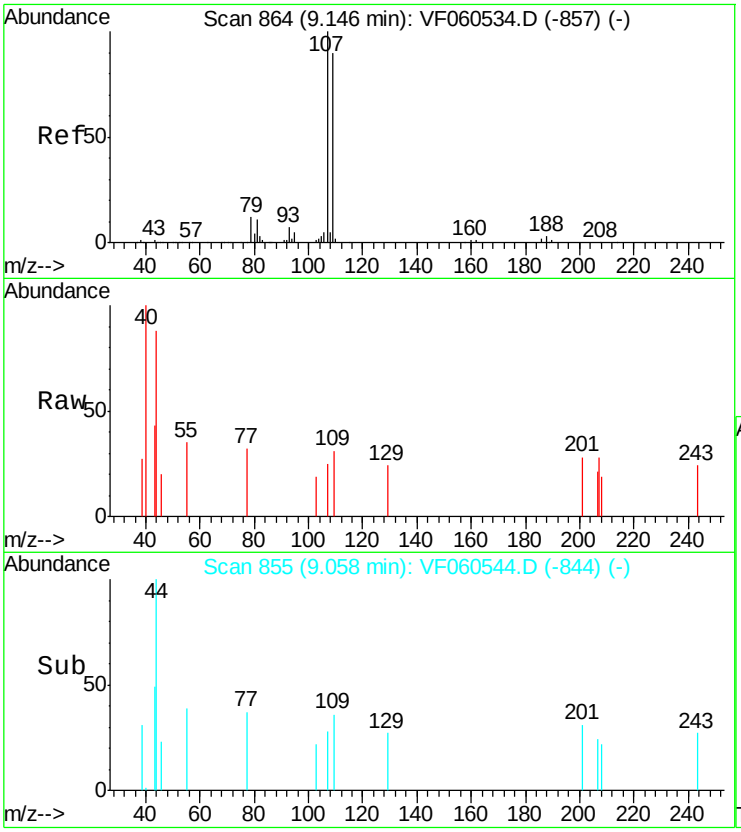


#60
Dibromochloromethane
Concen: 14.28 ug/l
RT: 8.71 min Scan# 820
Delta R.T. -0.17 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion:129 Resp: 96

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.6	119.0#



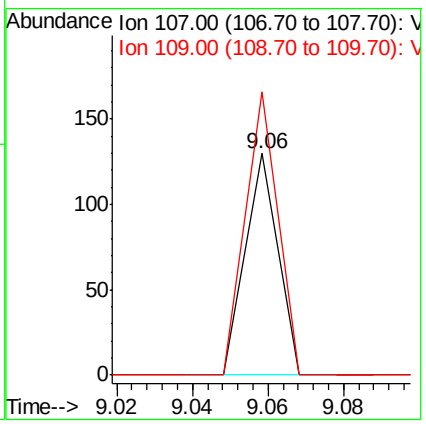


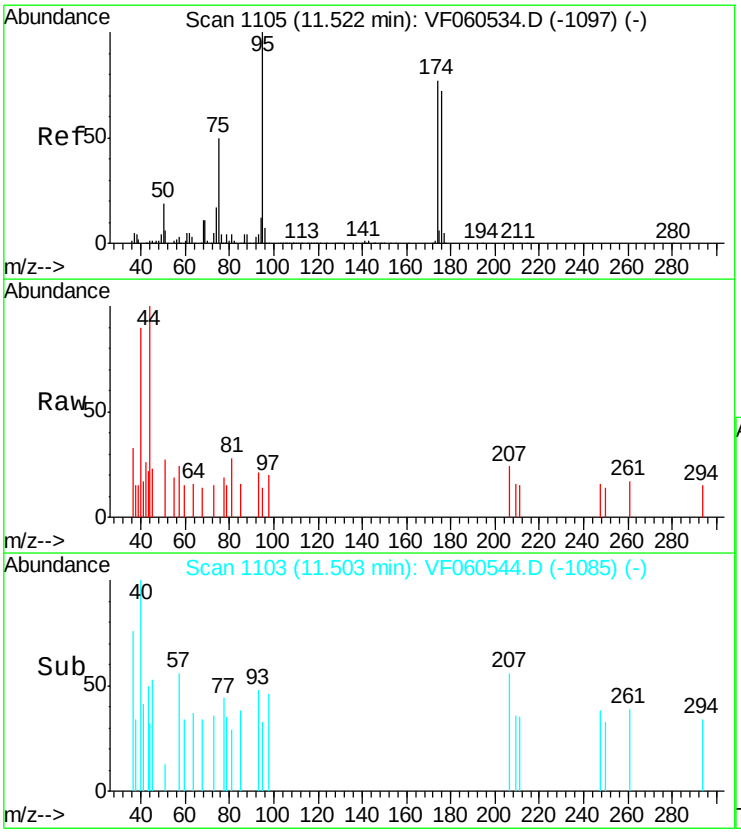
#61
1,2-Dibromoethane
Concen: 15.94 ug/l
RT: 9.06 min Scan# 855
Delta R.T. -0.09 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion:107 Resp: 77

Ion	Ratio	Lower	Upper
107	100		
109	127.7	72.2	108.2#

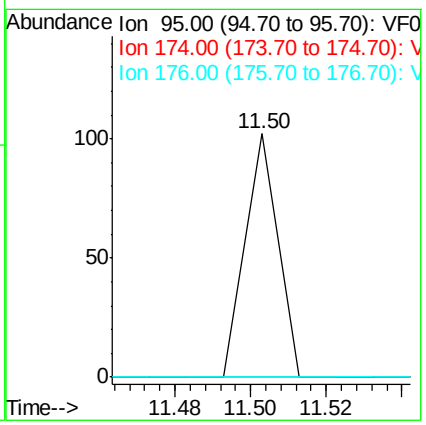


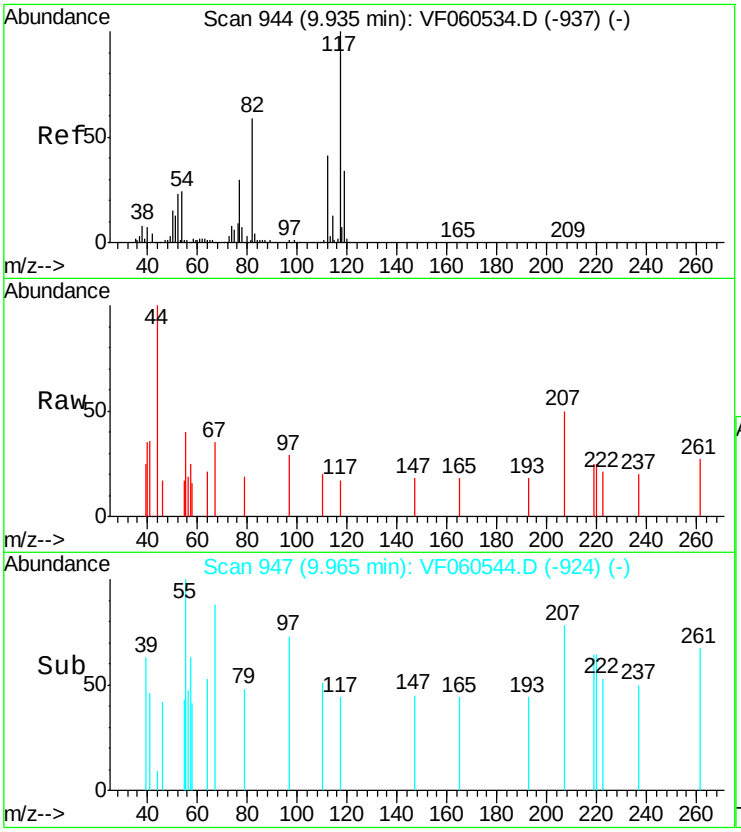


#62
4-Bromofluorobenzene
Concen: 6.40 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. -0.02 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 95 Resp: 60

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	153.8
176	0.0	0.0	143.6



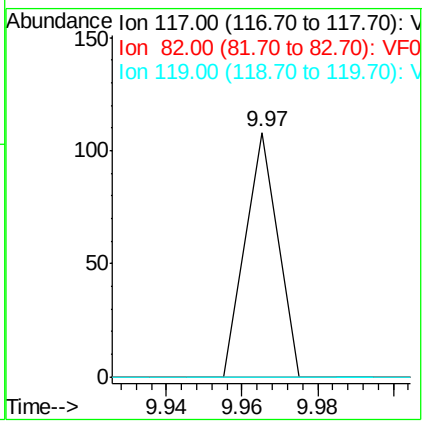


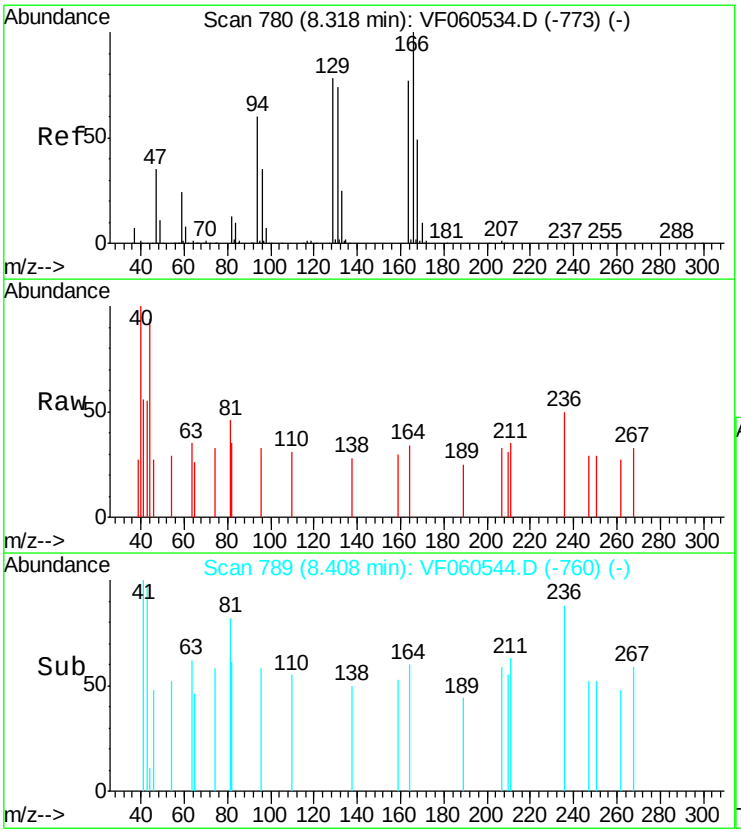
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.97 min Scan# 947
Delta R.T. 0.03 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion:117 Resp: 64

Ion	Ratio	Lower	Upper
117	100		
82	0.0	47.6	71.4#
119	0.0	27.3	40.9#

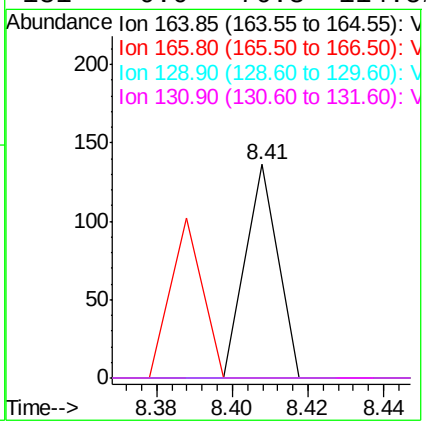


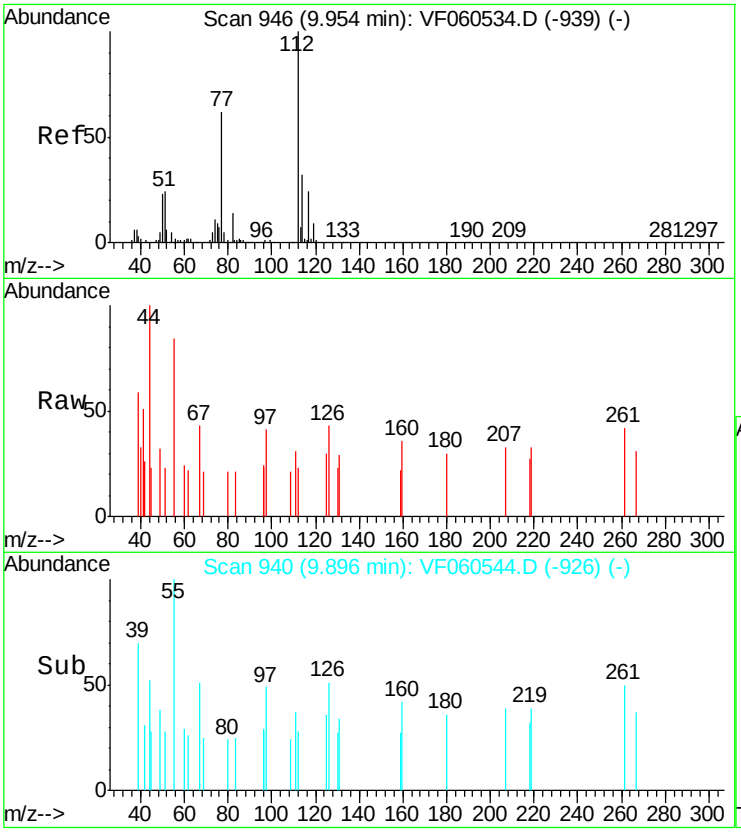


#64
Tetrachloroethene
Concen: 147.87 ug/l
RT: 8.41 min Scan# 789
Delta R.T. 0.09 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion:164 Resp: 80

Ion	Ratio	Lower	Upper
164	100		
166	0.0	103.4	155.2#
129	0.0	80.7	121.1#
131	0.0	76.3	114.5#



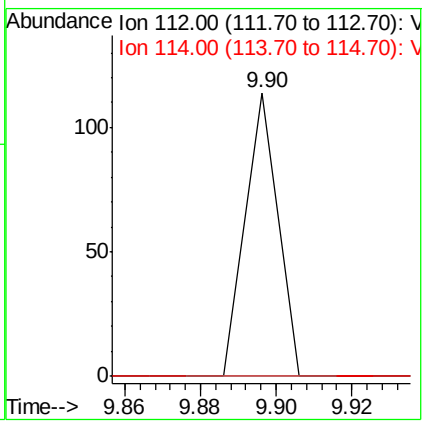


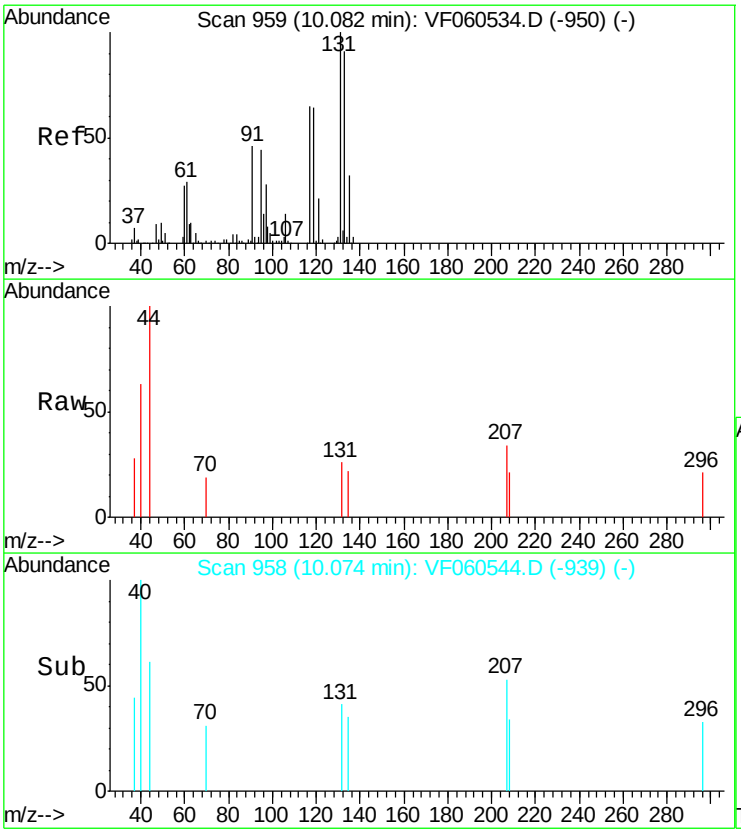
#65
Chlorobenzene
Concen: 52.03 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.06 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion:112 Resp: 67

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.5	38.3#

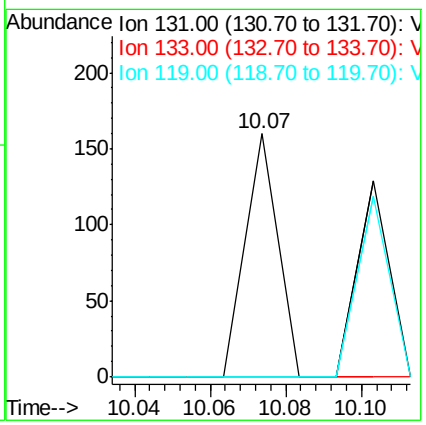


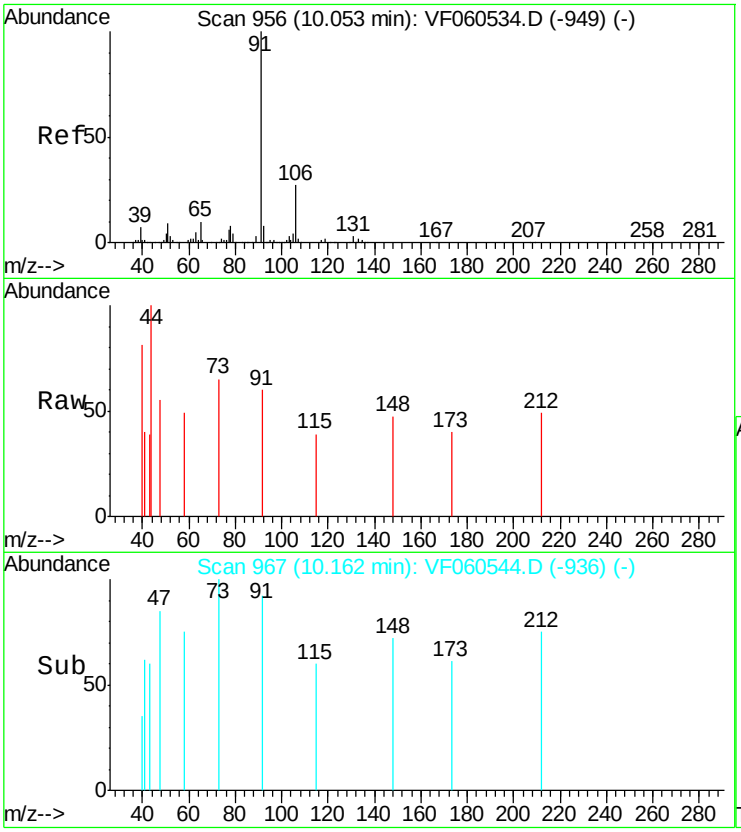


#66
1,1,1,2-Tetrachloroethane
Concen: 161.91 ug/l
RT: 10.07 min Scan# 958
Delta R.T. -0.01 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion:131 Resp: 95

Ion	Ratio	Lower	Upper
131	100		
133	0.0	45.8	137.3#
119	0.0	32.4	97.0#



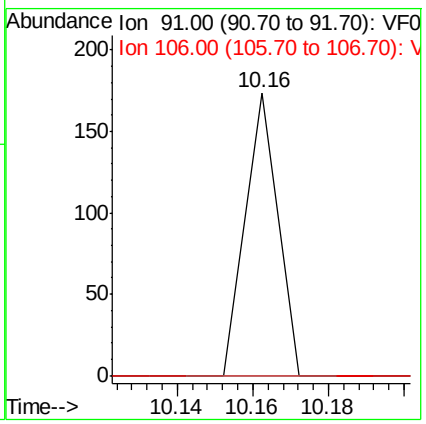


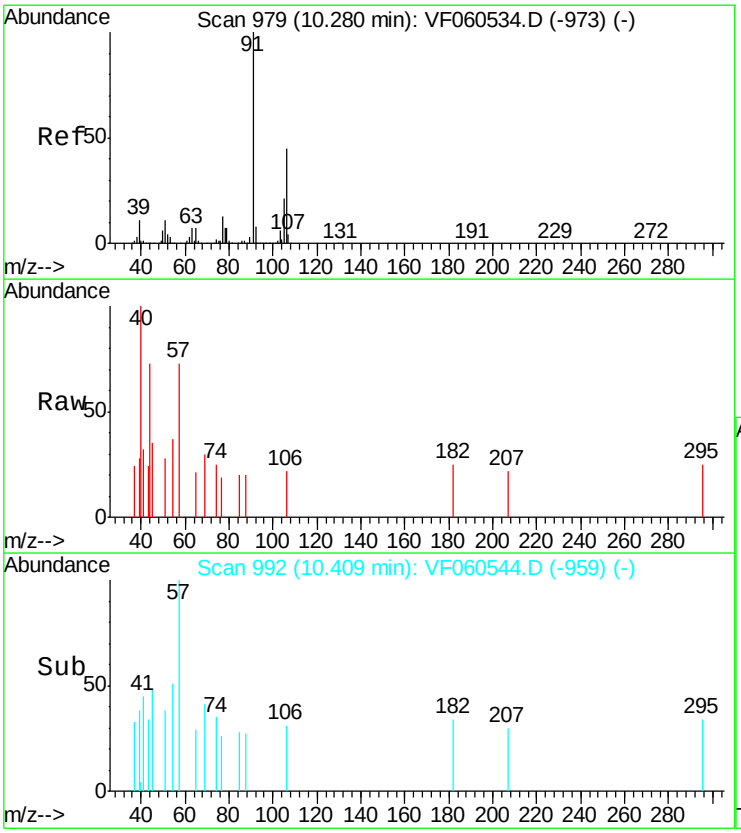
#67
Ethyl Benzene
Concen: 41.86 ug/l
RT: 10.16 min Scan# 967
Delta R.T. 0.11 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument : MSVOA_F
ClientSampleId : SB-1

Tgt Ion: 91 Resp: 103

Ion	Ratio	Lower	Upper
91	100		
106	0.0	21.9	32.9#

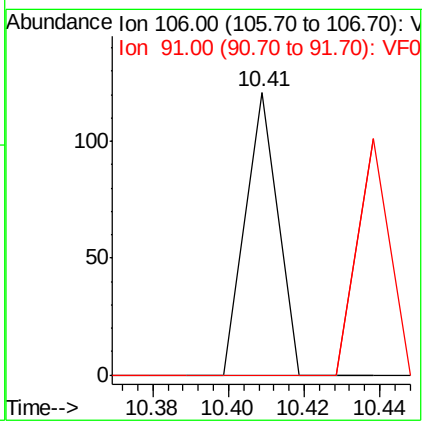


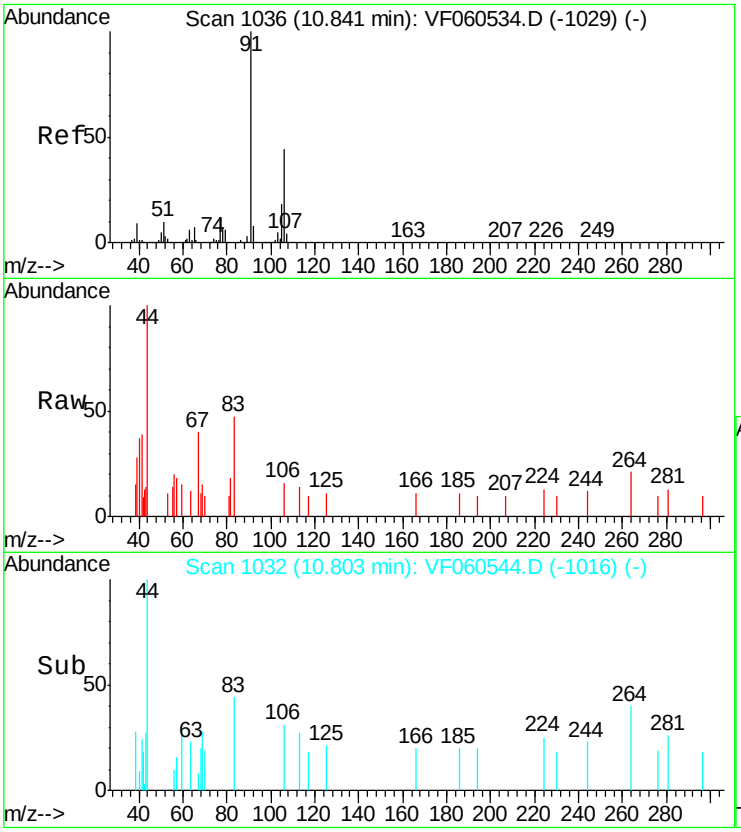


#68
m/p-Xylenes
Concen: 85.69 ug/l
RT: 10.41 min Scan# 992
Delta R.T. 0.13 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion:106 Resp: 72

Ion	Ratio	Lower	Upper
106	100		
91	0.0	176.2	264.2#



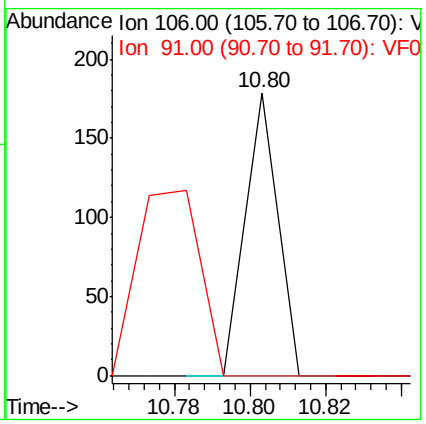


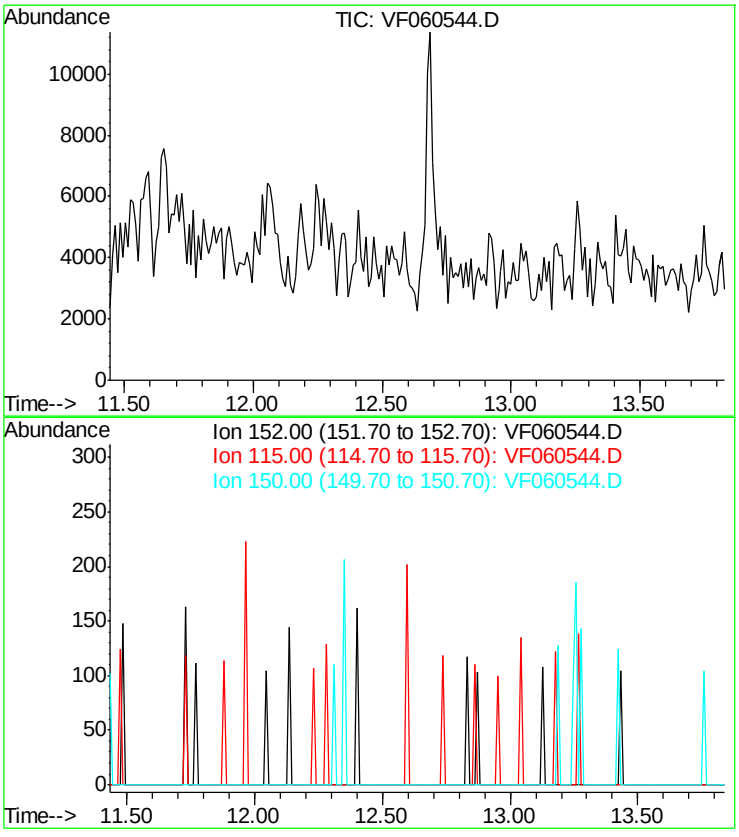
#69
o-Xylene
Concen: 112.02 ug/l
RT: 10.80 min Scan# 1032
Delta R.T. -0.04 min
Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Instrument :
MSVOA_F
ClientSampleId :
SB-1

Tgt Ion:106 Resp: 106

Ion	Ratio	Lower	Upper
106	100		
91	0.0	112.9	338.8#





#72
1,4-Dichlorobenzene-d4
Concen: 0.00 ug/l
Expected RT: 12.64 min

Lab File: VF060544.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	69.4
150	159.2