Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
Data File : VF060549.D
Acq On : 30 Oct 2018 17:17
Operator : VA/AP
Sample : J5711-02
Misc : 6.98/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-2

Quant Time: Oct 31 04:52:18 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	5.04	168	360	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	99	50.00	ug/l	-0.02
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.93
72) 1,4-Dichlorobenzene-d4	12.69	152	82	50.00	ug/l	0.06
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	200	36.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.04%			
35) Dibromofluoromethane	4.29	113	79	83.16	ug/l	-0.02
Spiked Amount 50.000			Recovery = 166.32%			
50) Toluene-d8	7.72	98	74	31.90	ug/l	-0.01
Spiked Amount 50.000			Recovery = 63.80%			
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.93	85	98	12.65	ug/l #	41
3) Chloromethane	1.12	50	90	22.61	ug/l #	1
4) Vinyl Chloride	1.20	62	93	21.55	ug/l #	43
5) Bromomethane	1.35	94	70	20.64	ug/l	96
6) Chloroethane	1.46	64	75	33.37	ug/l #	41
7) Trichlorofluoromethane	1.66	101	61	5.87	ug/l #	18
8) Diethyl Ether	1.85	74	74	56.74	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.72	101	87	18.24	ug/l #	22
11) Tert butyl alcohol	2.56	59	69	312.71	ug/l #	71
12) 1,1-Dichloroethene	1.86	96	60	14.83	ug/l #	1
13) Acrolein	1.97	56	65	323.01	ug/l #	54
14) Allyl chloride	2.21	41	469	72.91	ug/l #	77
15) Acrylonitrile	3.04	53	109	196.31	ug/l #	13
16) Acetone	2.33	43	175	160.41	ug/l #	62
17) Carbon Disulfide	1.86	76	89	7.83	ug/l #	73
18) Methyl Acetate	2.43	43	67	39.95	ug/l #	61
19) Methyl tert-butyl Ether	2.56	73	135	14.89	ug/l #	59
20) Methylene Chloride	2.34	84	164	44.67	ug/l #	1
22) Diisopropyl ether	2.94	45	82	7.02	ug/l #	40
23) Vinyl Acetate	3.31	43	305	70.37	ug/l #	78
24) 1,1-Dichloroethane	3.14	63	72	8.54	ug/l #	90
25) 2-Butanone	4.46	43	461	367.36	ug/l #	54
26) 2,2-Dichloropropane	3.77	77	163	31.11	ug/l #	61
27) cis-1,2-Dichloroethene	3.72	96	86	17.24	ug/l	1
28) Bromochloromethane	3.94	49	199	65.52	ug/l #	10
29) Tetrahydrofuran	4.28	42	104	222.60	ug/l #	34
30) Chloroform	4.13	83	80	7.51	ug/l	94
31) Cyclohexane	3.87	56	146	24.25	ug/l #	14
32) 1,1,1-Trichloroethane	4.34	97	60	6.82	ug/l #	23
36) 1,1-Dichloropropene	4.37	75	68	55.13	ug/l #	44
37) Ethyl Acetate	4.29	43	175	438.24	ug/l #	1
39) Methylcyclohexane	5.62	83	69	55.39	ug/l #	15
40) Benzene	4.77	78	196	80.12	ug/l #	52
41) Methacrylonitrile	4.91	41	216	946.28	ug/l #	54

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
Data File : VF060549.D
Acq On : 30 Oct 2018 17:17
Operator : VA/AP
Sample : J5711-02
Misc : 6.98/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-2

Quant Time: Oct 31 04:52:18 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)
42) 1,2-Dichloroethane	5.06	62	218	191.90 ug/l	78
43) Isopropyl Acetate	7.09	43	120	248.27 ug/l #	43
44) Trichloroethene	5.60	130	233	294.63 ug/l	42
45) 1,2-Dichloropropane	6.39	63	168	275.18 ug/l #	42
46) Dibromomethane	6.35	93	60	125.15 ug/l #	9
47) Bromodichloromethane	6.54	83	118	95.92 ug/l #	24
48) Methyl methacrylate	6.90	41	142	425.92 ug/l #	14
49) 1,4-Dioxane	6.87	88	76	24505.15 ug/l #	50
51) 4-Methyl-2-Pentanone	8.47	43	139	397.01 ug/l #	35
53) t-1,3-Dichloropropene	8.37	75	128	133.20 ug/l #	44
54) cis-1,3-Dichloropropene	7.36	75	66	57.95 ug/l #	26
55) 1,1,2-Trichloroethane	8.67	97	83	174.42 ug/l #	15
56) Ethyl methacrylate	8.75	69	146	273.43 ug/l #	22
58) 2-Chloroethyl Vinyl ether	7.73	63	72	1308.33 ug/l	100
59) 2-Hexanone	9.62	43	83	332.34 ug/l #	29
60) Dibromochloromethane	8.93	129	83	108.27 ug/l #	10
61) 1,2-Dibromoethane	9.09	107	60	108.90 ug/l #	70
73) Isopropylbenzene	11.25	105	66	10.53 ug/l #	51
74) N-amyl acetate	11.44	43	297	236.60 ug/l #	62
75) 1,1,2,2-Tetrachloroethane	11.76	83	102	97.52 ug/l #	9
76) 1,2,3-Trichloropropane	11.86	75	77	97.86 ug/l #	41
77) Bromobenzene	11.57	156	85	61.63 ug/l #	1
78) n-propylbenzene	11.66	91	241	32.42 ug/l #	55
79) 2-Chlorotoluene	11.76	91	67	15.06 ug/l #	46
80) 1,3,5-Trimethylbenzene	11.77	105	149	27.51 ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.04	75	77	224.05 ug/l #	57
82) 4-Chlorotoluene	11.96	91	75	16.26 ug/l #	44
83) tert-Butylbenzene	12.21	119	62	11.81 ug/l #	26
84) 1,2,4-Trimethylbenzene	12.31	105	77	14.00 ug/l #	32
85) sec-Butylbenzene	12.31	105	77	10.47 ug/l #	58
86) p-Isopropyltoluene	12.40	119	62	10.27 ug/l #	48
87) 1,3-Dichlorobenzene	12.59	146	83	30.15 ug/l #	23
88) 1,4-Dichlorobenzene	12.69	146	78	30.02 ug/l #	22
89) n-Butylbenzene	13.01	91	73	7.41 ug/l #	28
90) Hexachloroethane	12.99	117	79	50.70 ug/l #	23
91) 1,2-Dichlorobenzene	13.01	146	62	23.91 ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.83	75	96	442.65 ug/l #	6
93) 1,2,4-Trichlorobenzene	14.20	180	61	31.40 ug/l #	12
94) Hexachlorobutadiene	14.26	225	60	43.62 ug/l #	20
95) Naphthalene	14.43	128	80	23.28 ug/l #	69

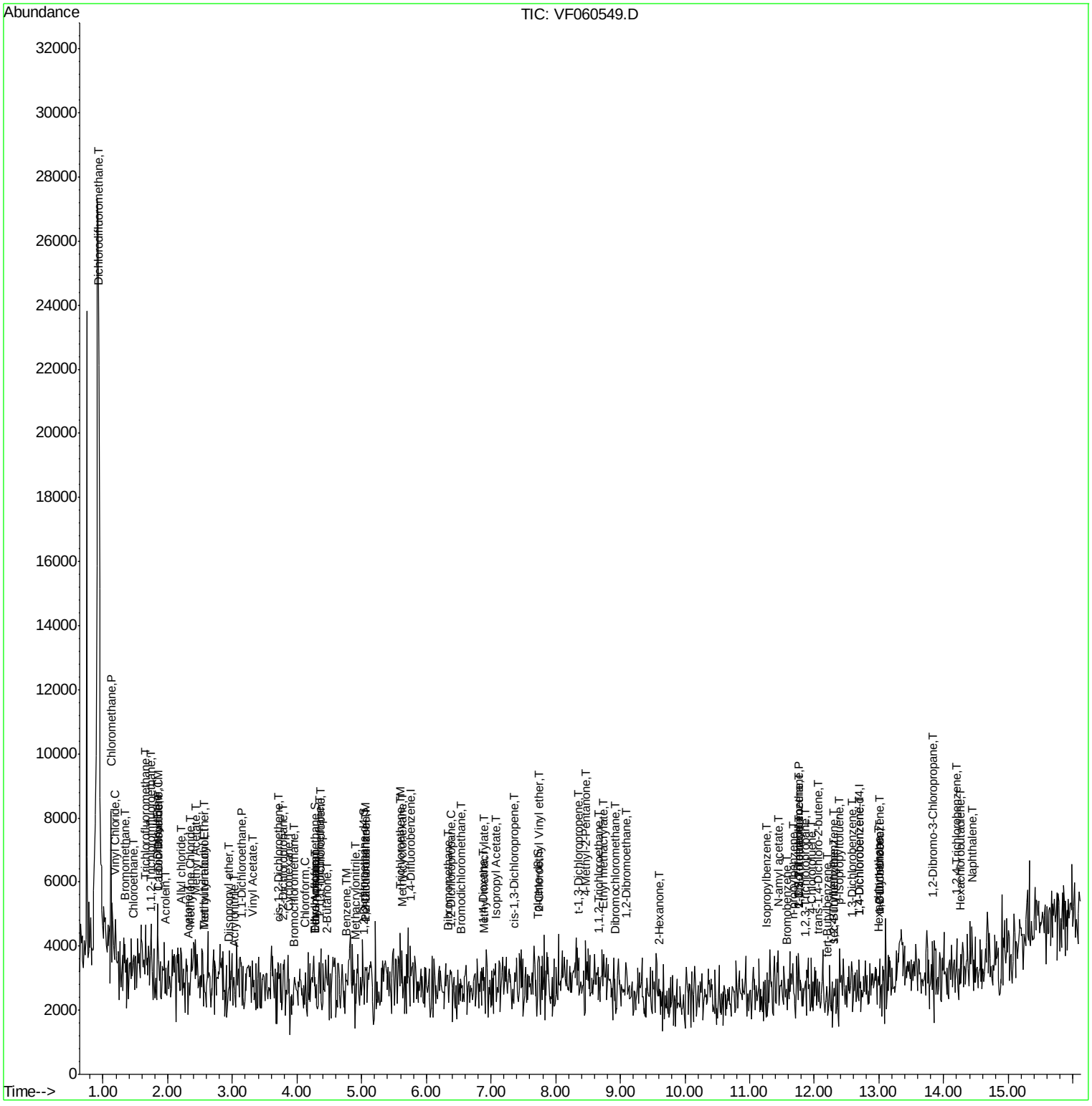
(#) = qualifier out of range (m) = manual integration (+) = signals summed

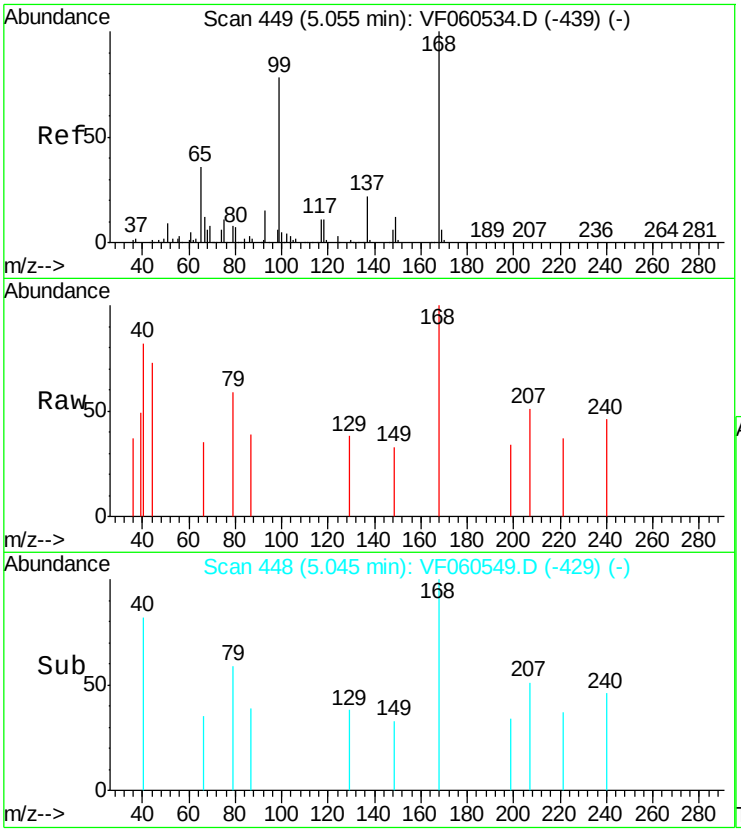
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
Data File : VF060549.D
Acq On : 30 Oct 2018 17:17
Operator : VA/AP
Sample : J5711-02
Misc : 6.98/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Quant Time: Oct 31 04:52:18 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



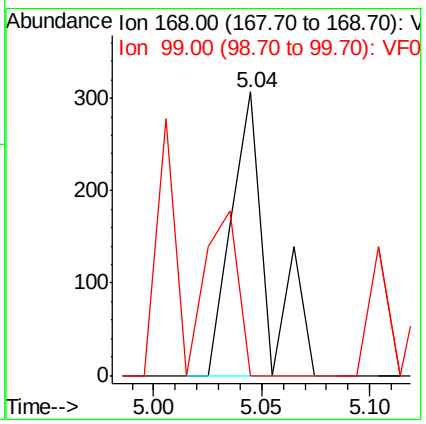


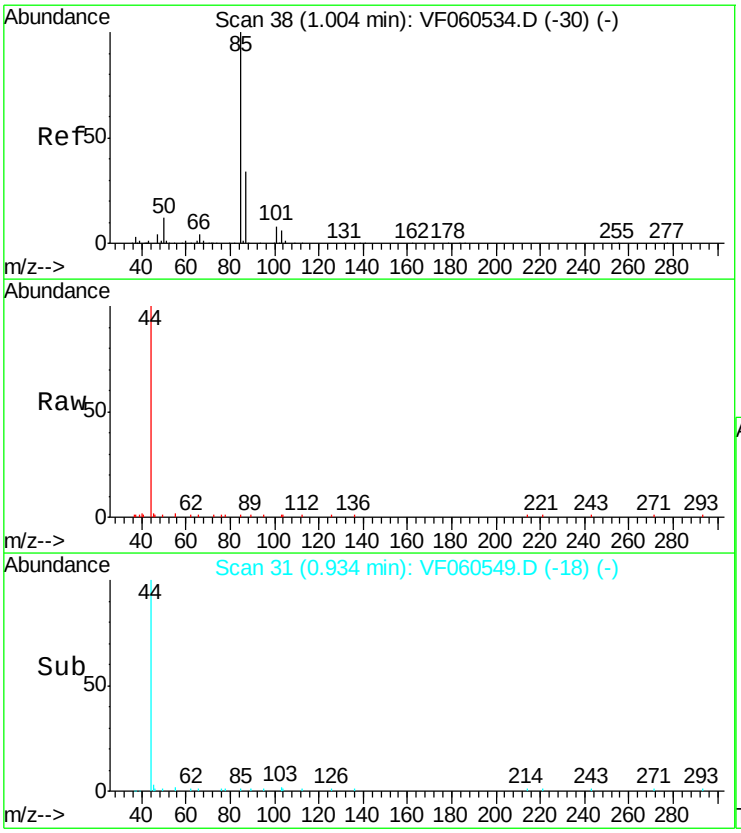
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 448
Delta R.T. -0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:168 Resp: 360

Ion	Ratio	Lower	Upper
168	100		
99	0.0	62.6	93.8#

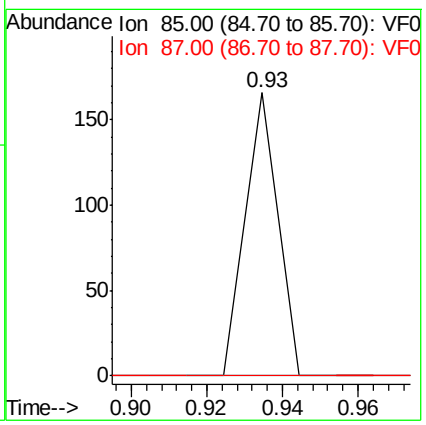


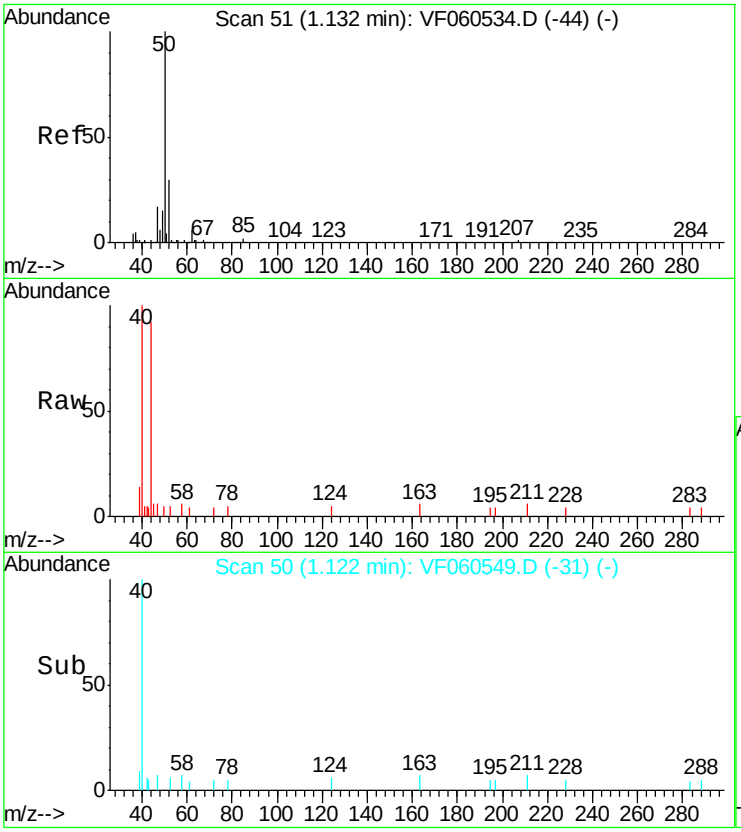


#2
Dichlorodifluoromethane
Concen: 12.65 ug/l
RT: 0.93 min Scan# 31
Delta R.T. -0.07 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 85 Resp: 98

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



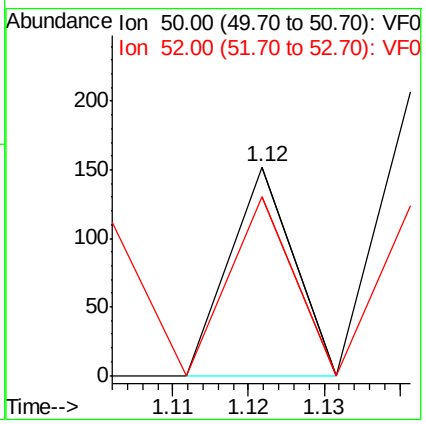


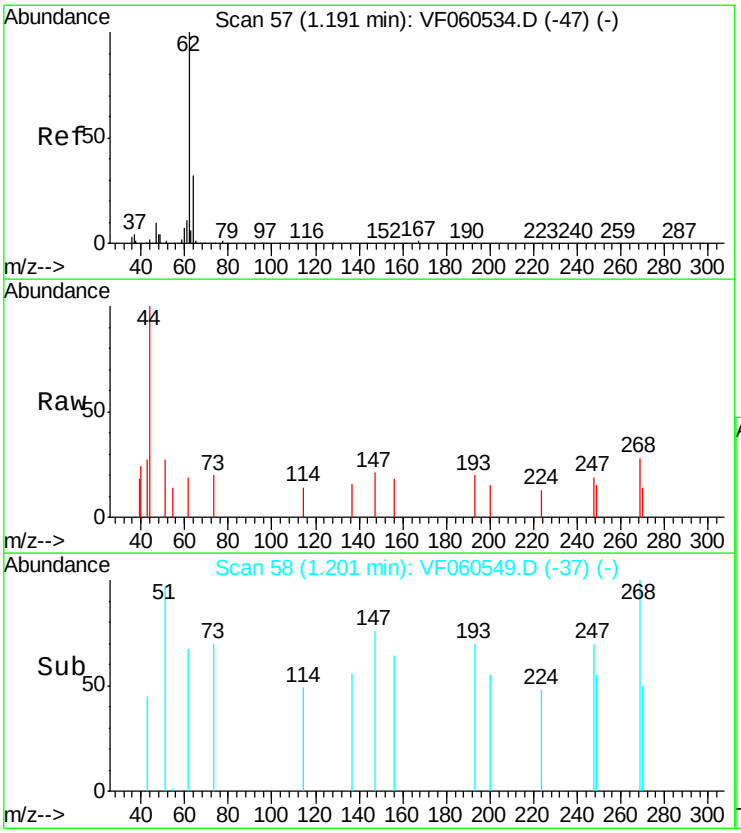
#3
Chloromethane
Concen: 22.61 ug/l
RT: 1.12 min Scan# 50
Delta R.T. -0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 50 Resp: 90

Ion	Ratio	Lower	Upper
50	100		
52	85.5	22.8	34.2#

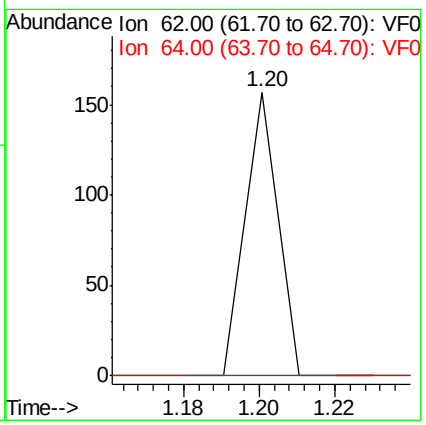


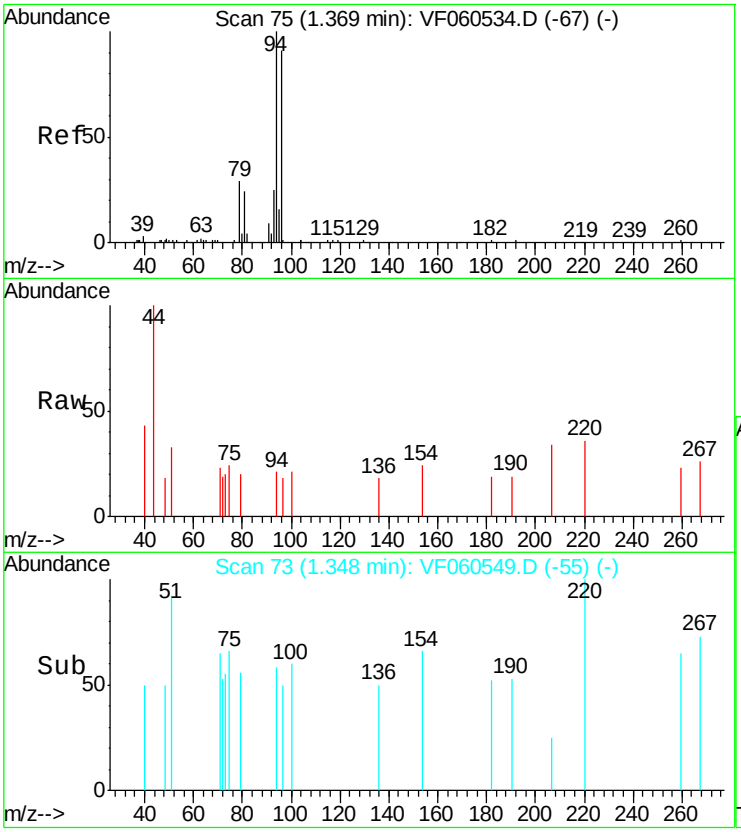


#4
Vinyl Chloride
Concen: 21.55 ug/l
RT: 1.20 min Scan# 58
Delta R.T. 0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 62 Resp: 93

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.3	37.9#



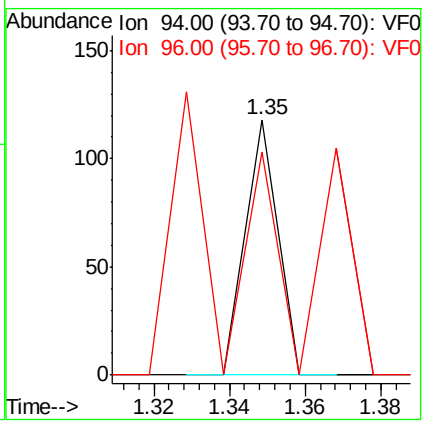


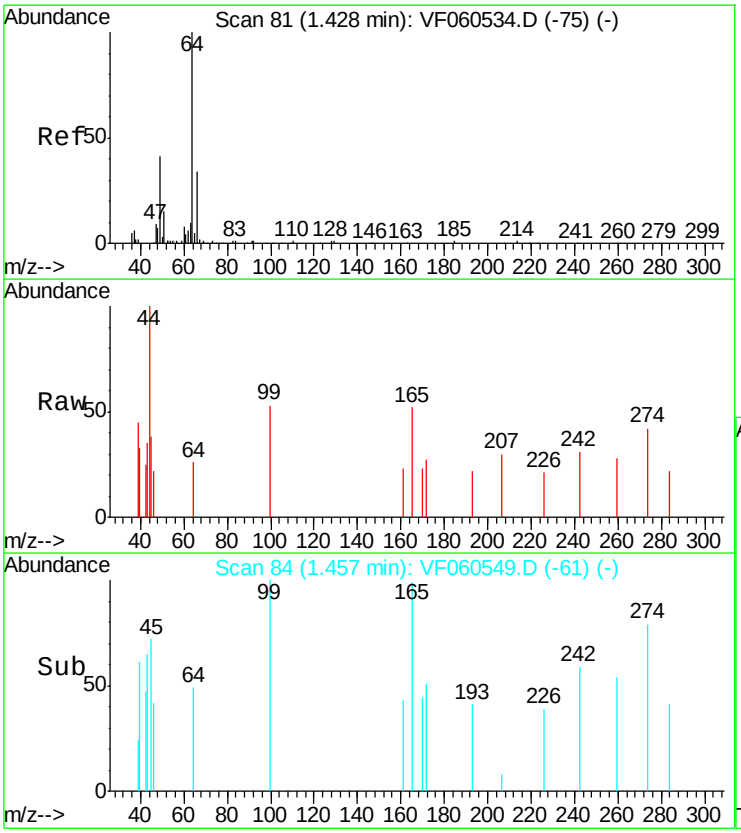
#5
Bromomethane
Concen: 20.64 ug/l
RT: 1.35 min Scan# 73
Delta R.T. -0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 94 Resp: 70

Ion	Ratio	Lower	Upper
94	100		
96	87.3	73.2	109.8

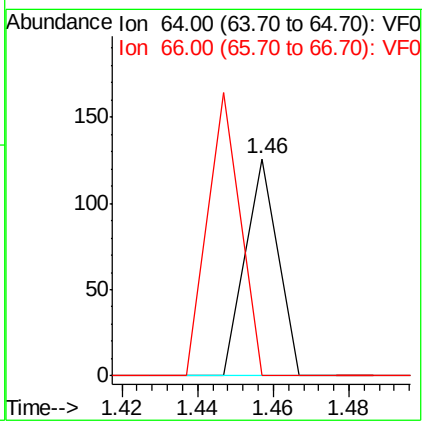


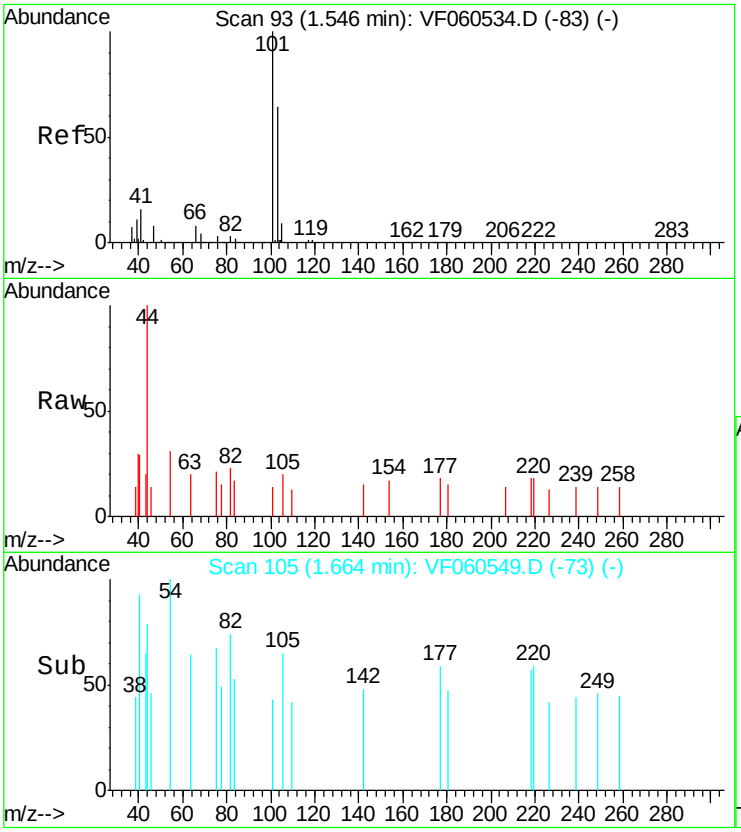


#6
Chloroethane
Concen: 33.37 ug/l
RT: 1.46 min Scan# 84
Delta R.T. 0.03 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 64 Resp: 75

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.1	40.7#



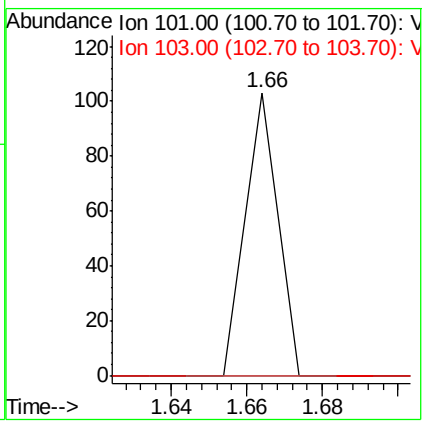


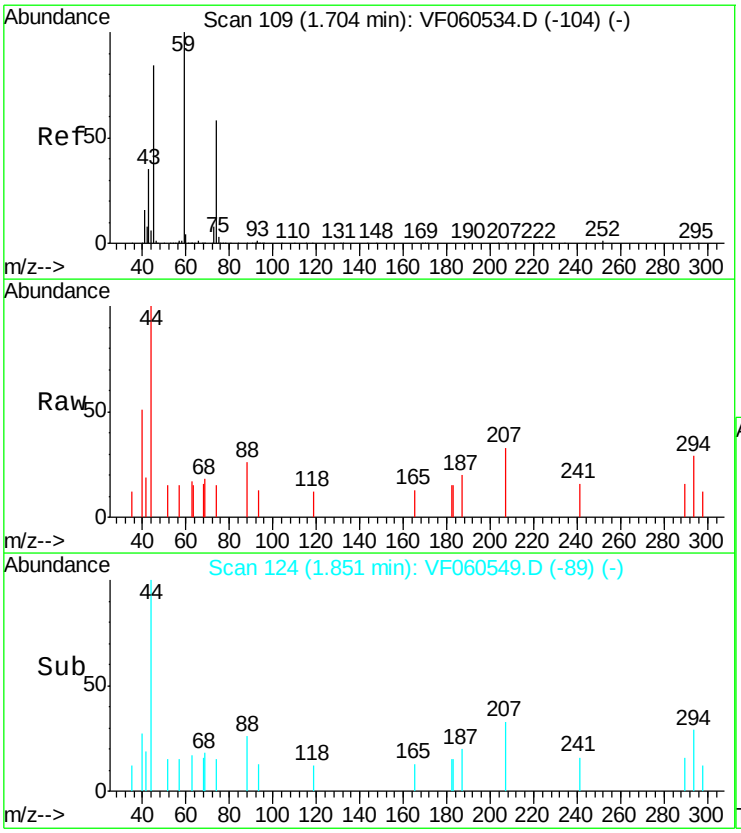
#7
Trichlorofluoromethane
Concen: 5.87 ug/l
RT: 1.66 min Scan# 105
Delta R.T. 0.12 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:101 Resp: 61

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.6	77.4#

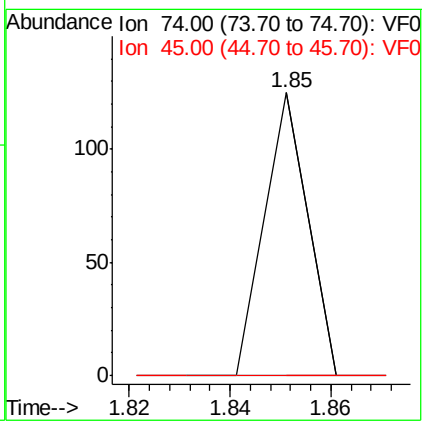


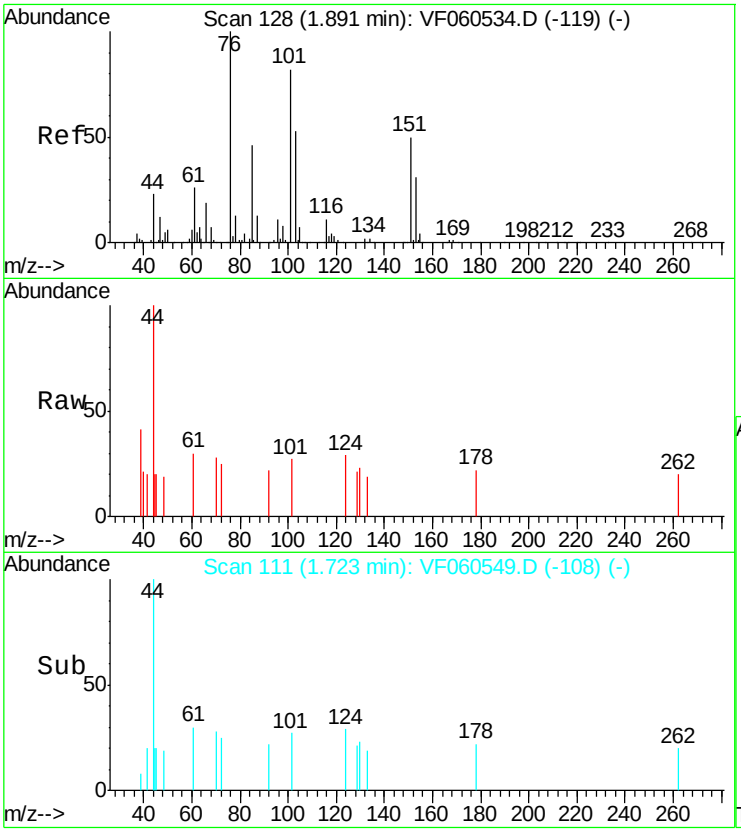


#8
Diethyl Ether
Concen: 56.74 ug/l
RT: 1.85 min Scan# 124
Delta R.T. 0.15 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 74 Resp: 74

Ion	Ratio	Lower	Upper
74	100		
45	0.0	72.9	218.6#



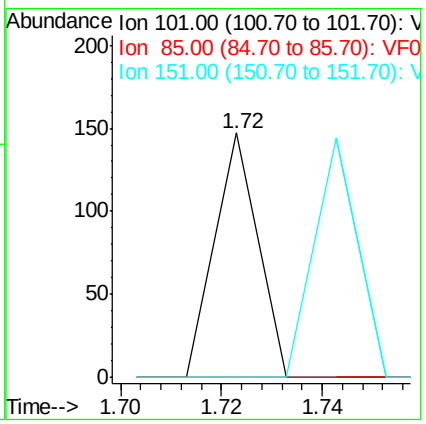


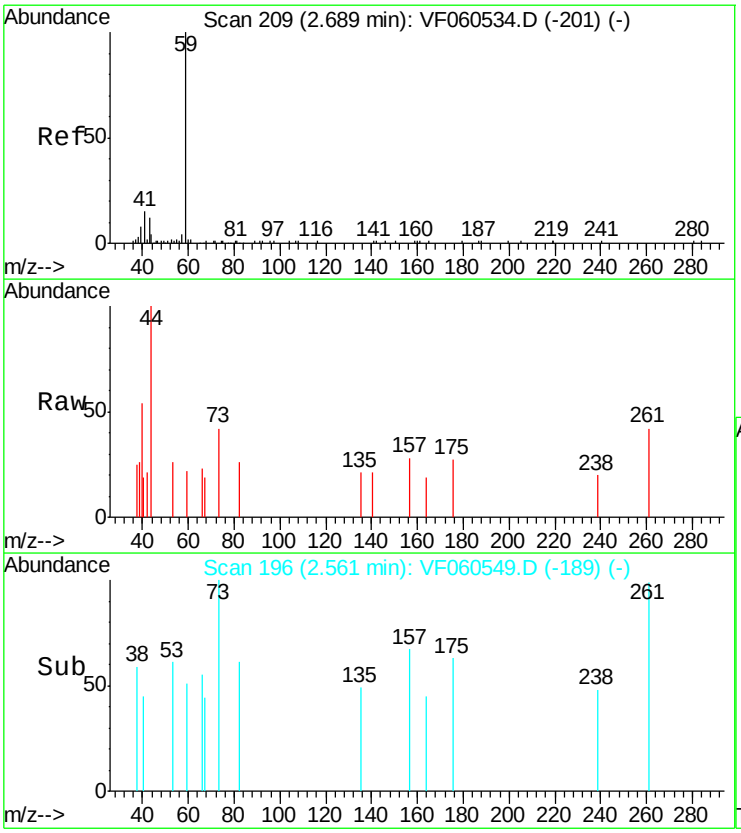
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.24 ug/l
RT: 1.72 min Scan# 111
Delta R.T. -0.17 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:101 Resp: 87

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

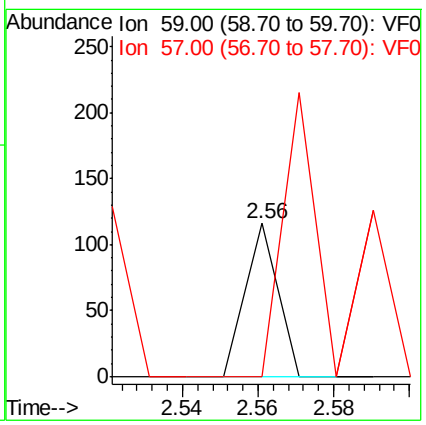


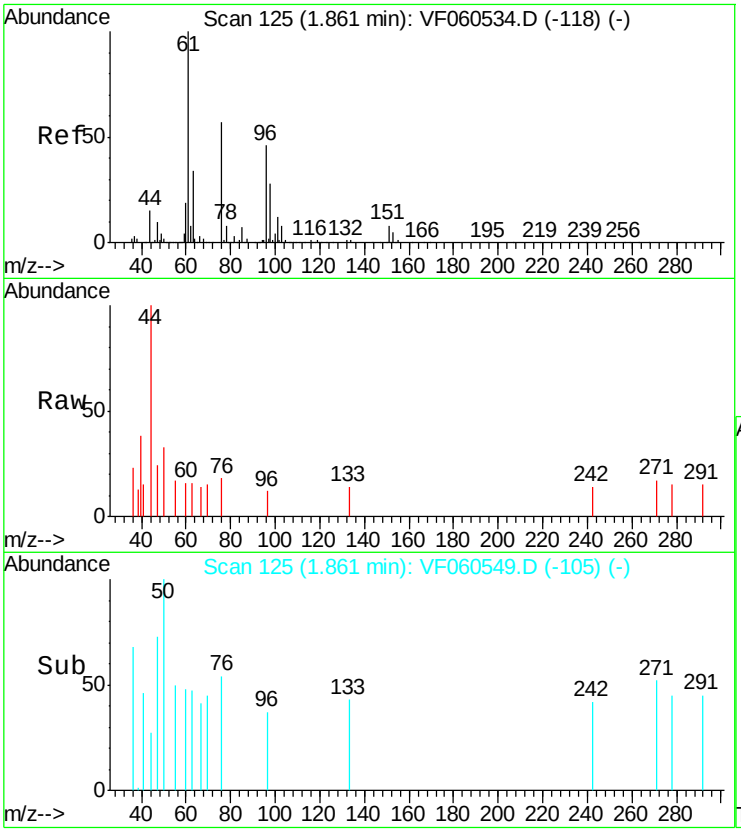


#11
Tert butyl alcohol
Concen: 312.71 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.13 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 59 Resp: 69

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.9	13.3#



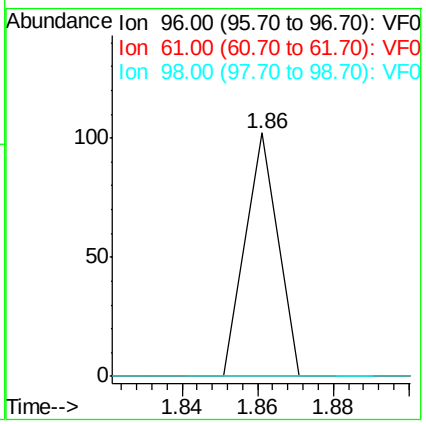


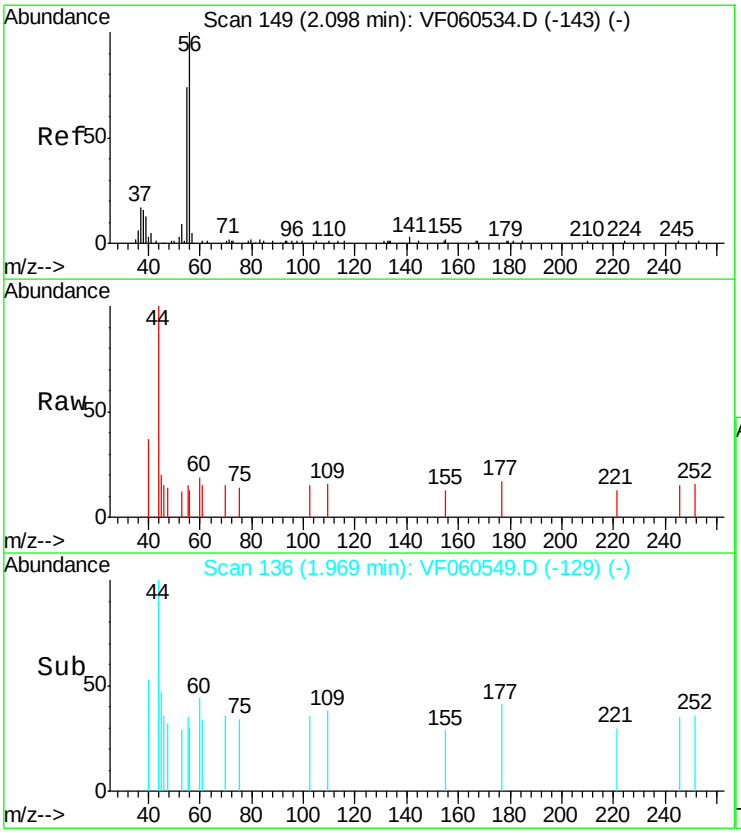
#12
1,1-Dichloroethene
Concen: 14.83 ug/l
RT: 1.86 min Scan# 125
Delta R.T. -0.00 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 96 Resp: 60

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

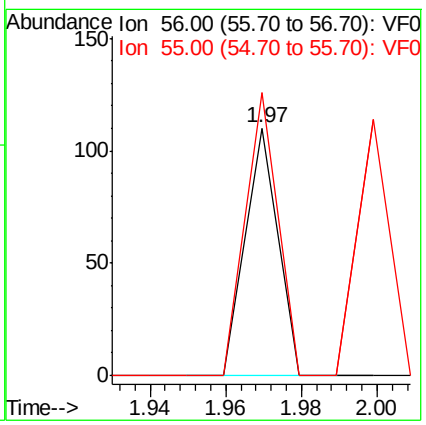


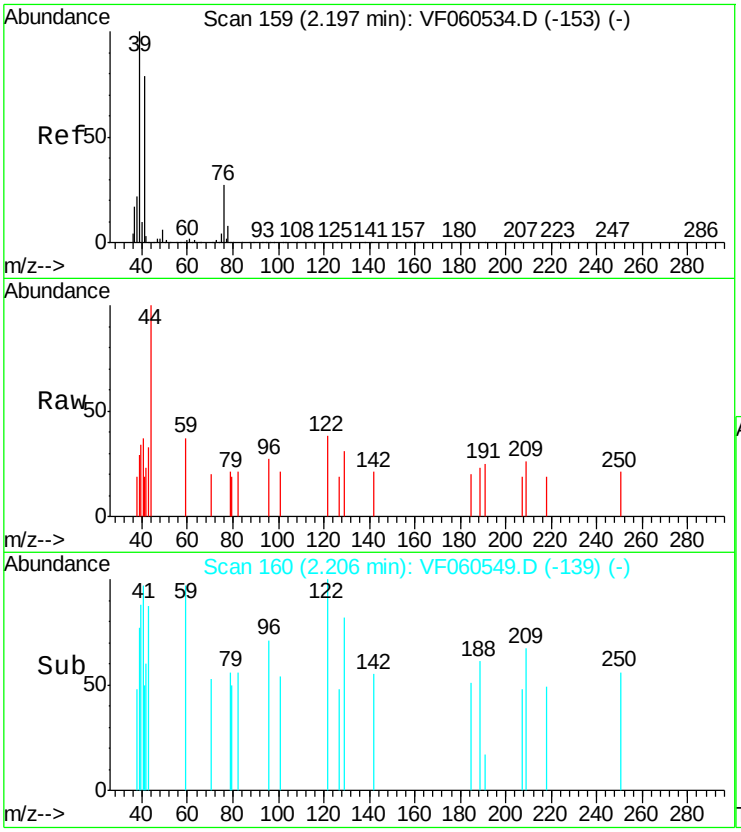


#13
Acrolein
Concen: 323.01 ug/l
RT: 1.97 min Scan# 136
Delta R.T. -0.13 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 56 Resp: 65

Ion	Ratio	Lower	Upper
56	100		
55	114.5	60.4	90.6#



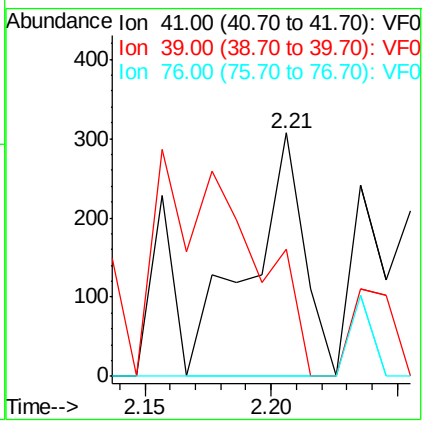


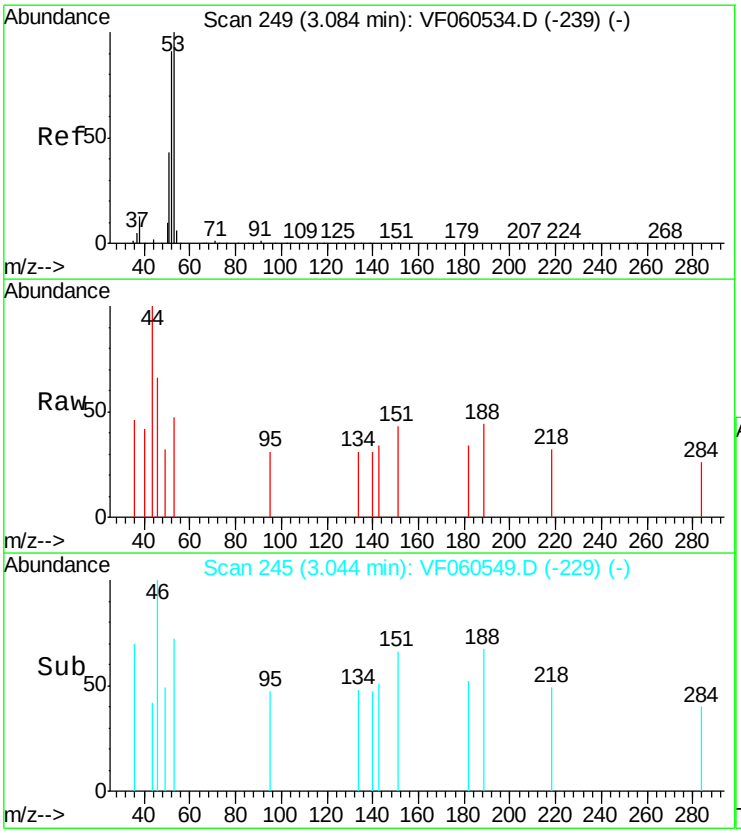
#14
Allyl chloride
Concen: 72.91 ug/l
RT: 2.21 min Scan# 160
Delta R.T. 0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 41 Resp: 469

Ion	Ratio	Lower	Upper
41	100		
39	111.7	100.6	151.0
76	0.0	27.6	41.4#

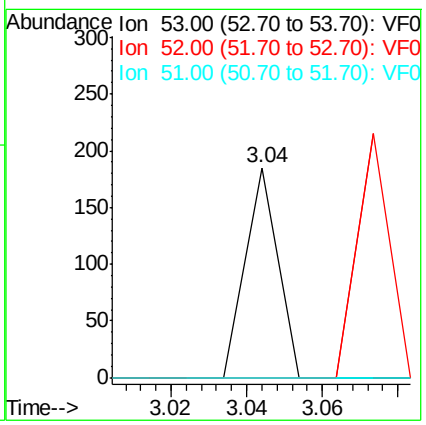


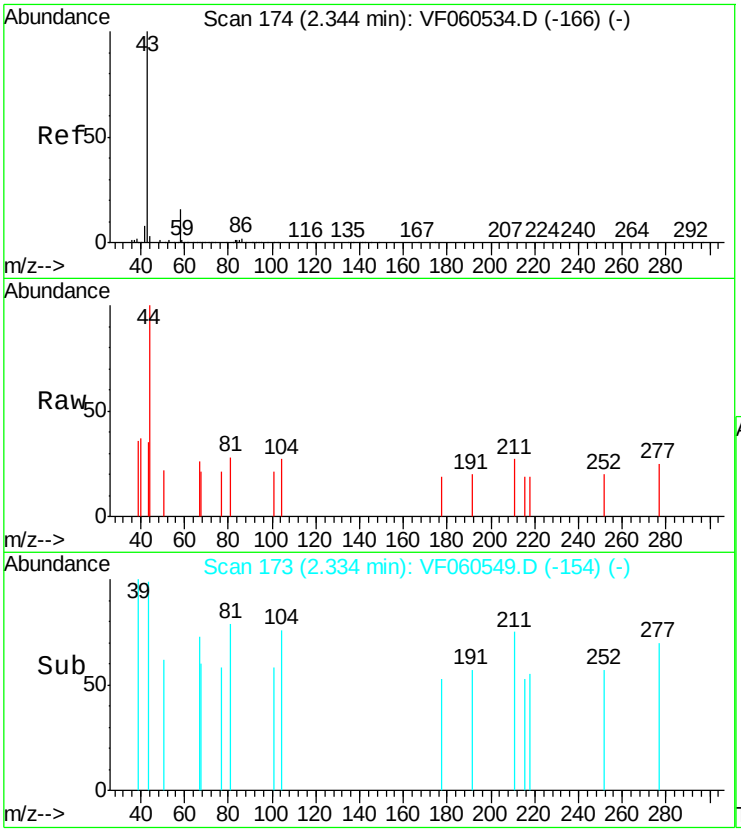


#15
Acrylonitrile
Concen: 196.31 ug/l
RT: 3.04 min Scan# 245
Delta R.T. -0.04 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 53 Resp: 109

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



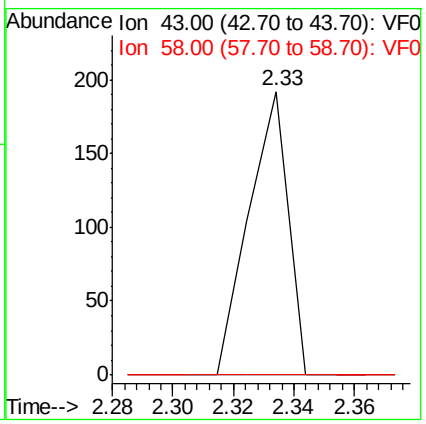


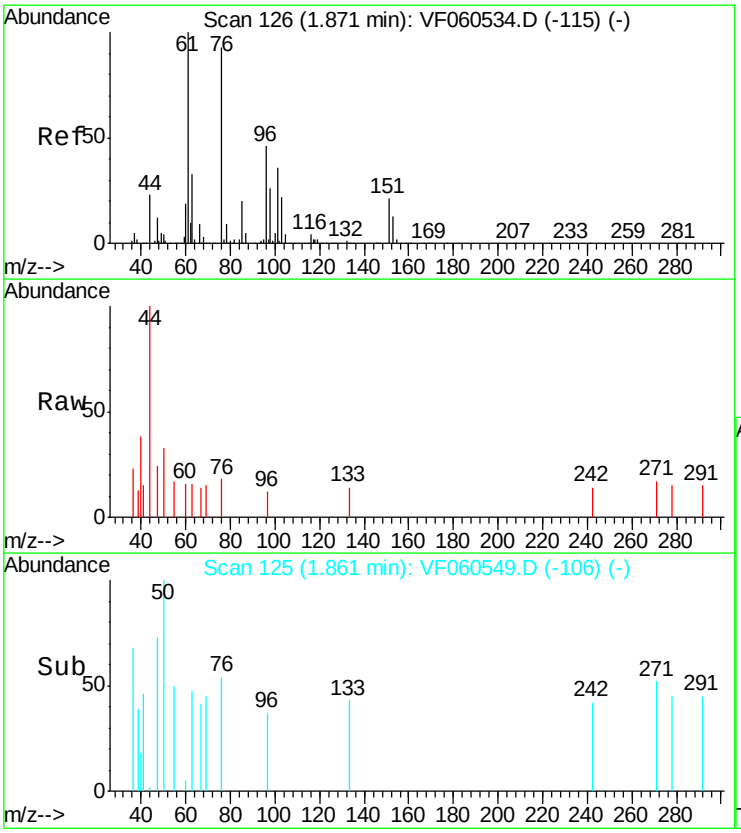
#16
Acetone
Concen: 160.41 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 43 Resp: 175

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.8	19.2#

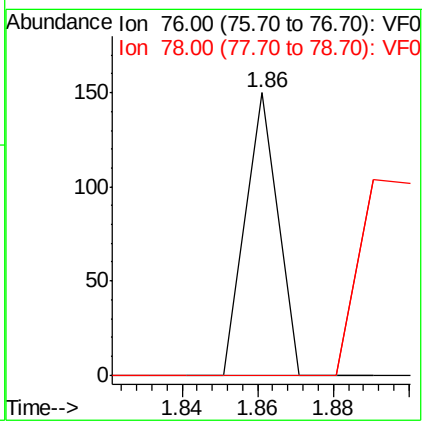


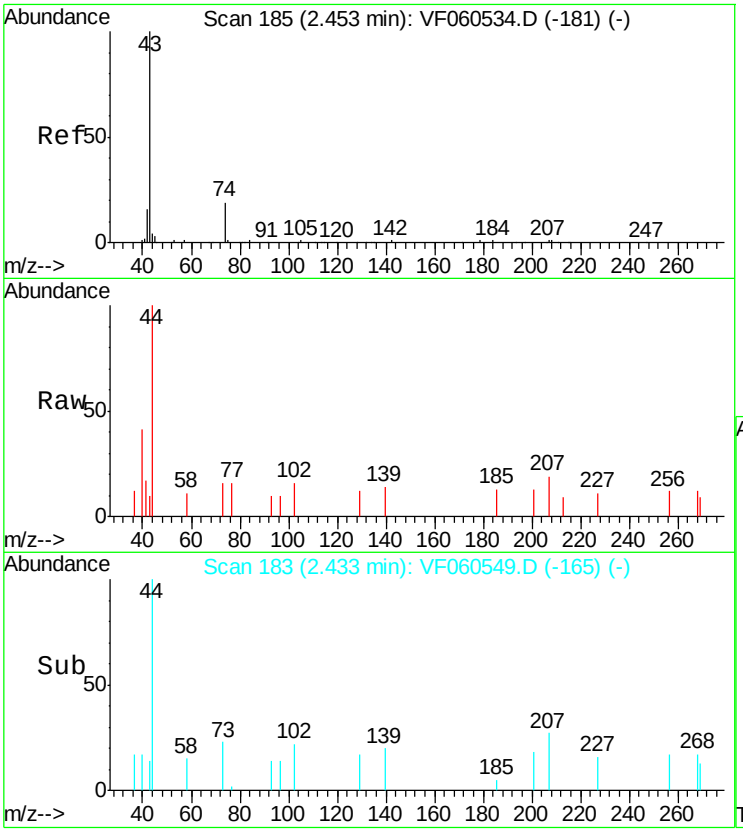


#17
Carbon Disulfide
Concen: 7.83 ug/l
RT: 1.86 min Scan# 125
Delta R.T. -0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 76 Resp: 89

Ion	Ratio	Lower	Upper
76	100		
78	0.0	8.0	12.0#



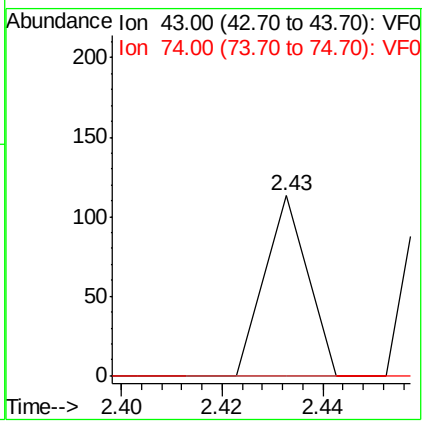


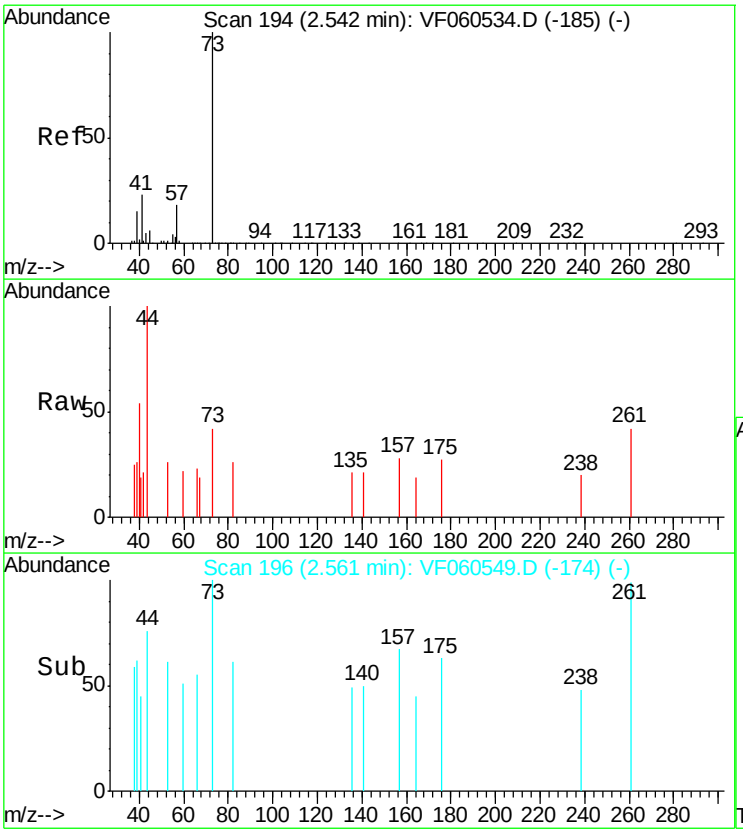
#18
Methyl Acetate
Concen: 39.95 ug/l
RT: 2.43 min Scan# 183
Delta R.T. -0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 43 Resp: 67

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.5	20.3#

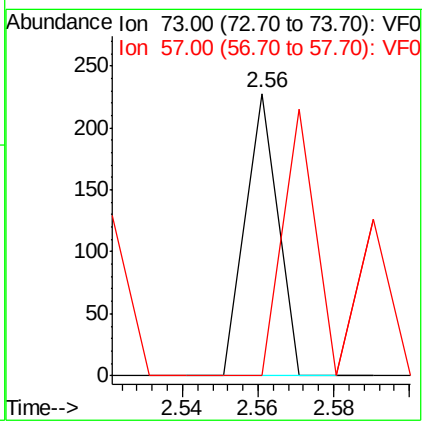


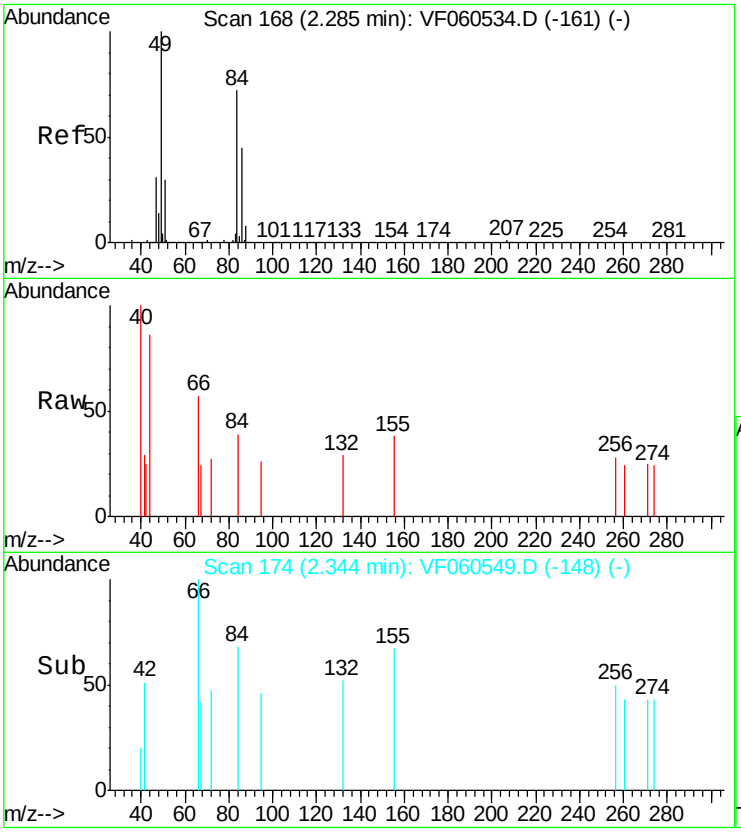


#19
Methyl tert-butyl Ether
Concen: 14.89 ug/l
RT: 2.56 min Scan# 196
Delta R.T. 0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 73 Resp: 135

Ion	Ratio	Lower	Upper
73	100		
57	0.0	14.7	22.1#



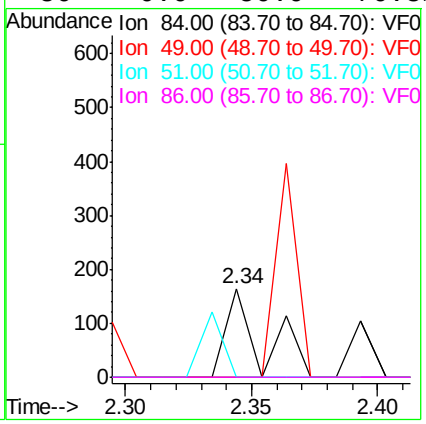


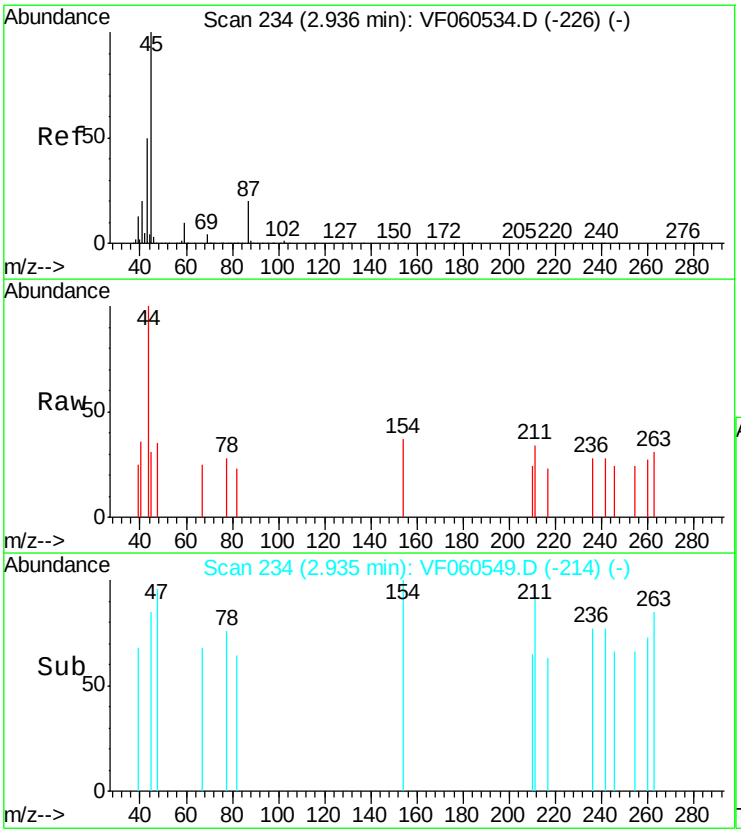
#20
Methylene Chloride
Concen: 44.67 ug/l
RT: 2.34 min Scan# 174
Delta R.T. 0.06 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 84 Resp: 164

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

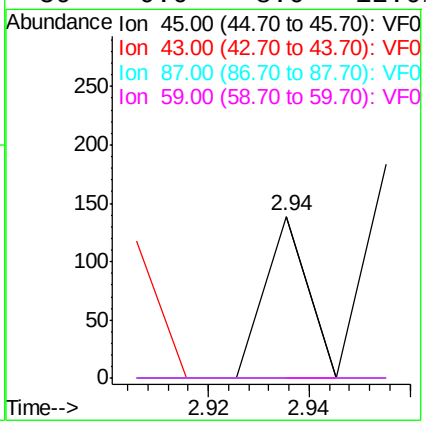


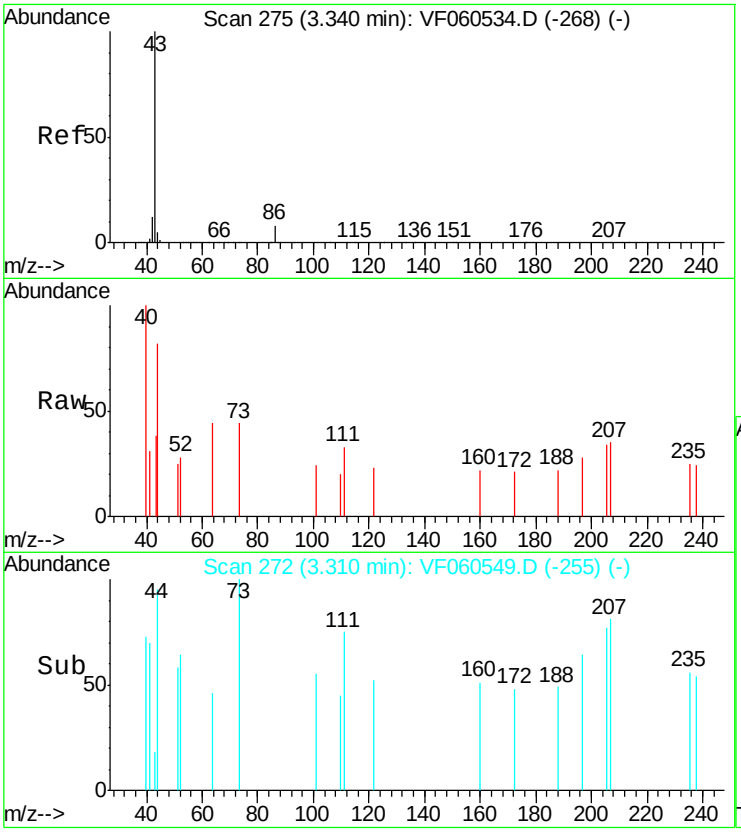


#22
Diisopropyl ether
Concen: 7.02 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.00 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 45 Resp: 82

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



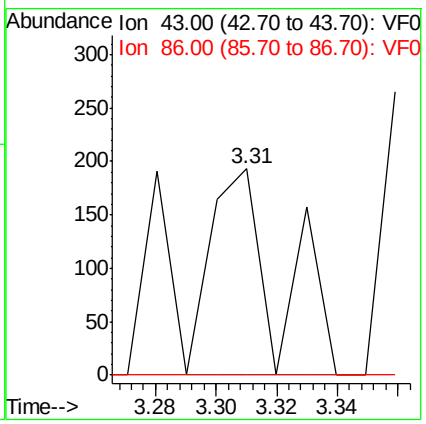


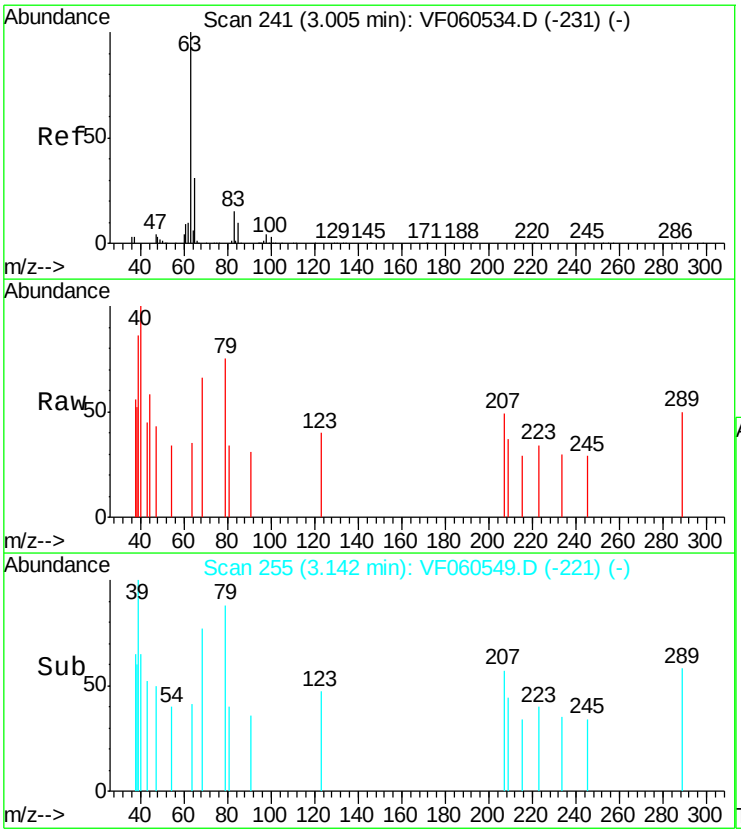
#23
Vinyl Acetate
Concen: 70.37 ug/l
RT: 3.31 min Scan# 272
Delta R.T. -0.03 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 43 Resp: 305

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.2#

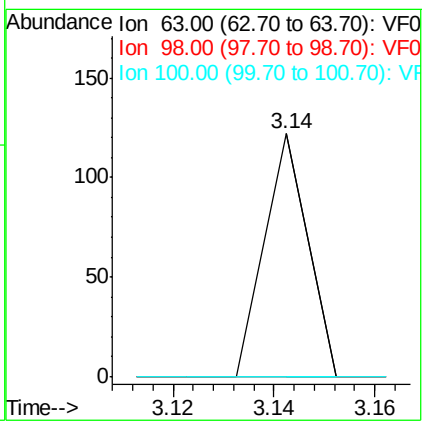


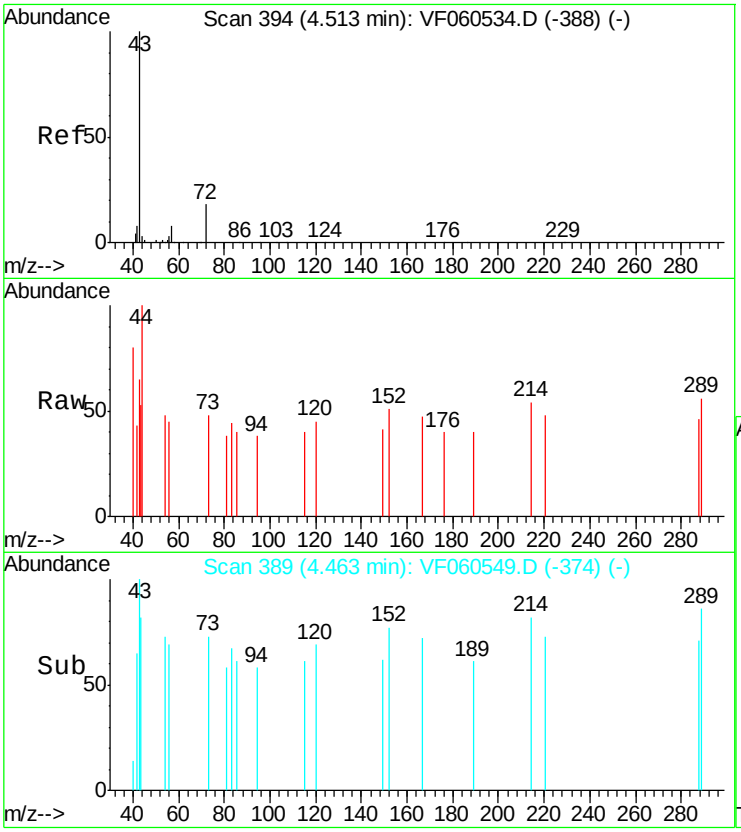


#24
1,1-Dichloroethane
Concen: 8.54 ug/l
RT: 3.14 min Scan# 255
Delta R.T. 0.14 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 63 Resp: 72

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



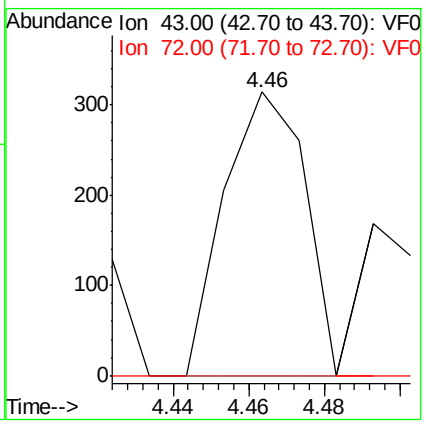


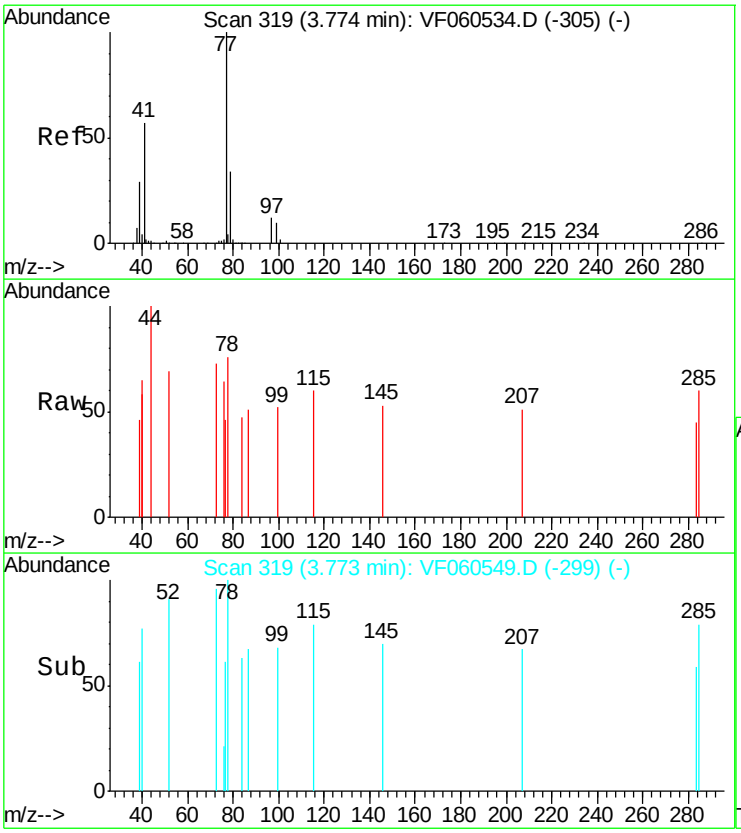
#25
2-Butanone
Concen: 367.36 ug/l
RT: 4.46 min Scan# 389
Delta R.T. -0.05 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 43 Resp: 461

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.4	26.0#

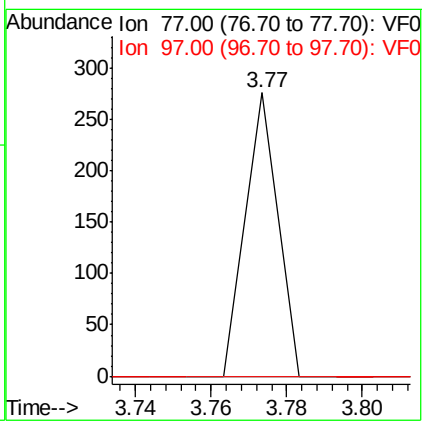


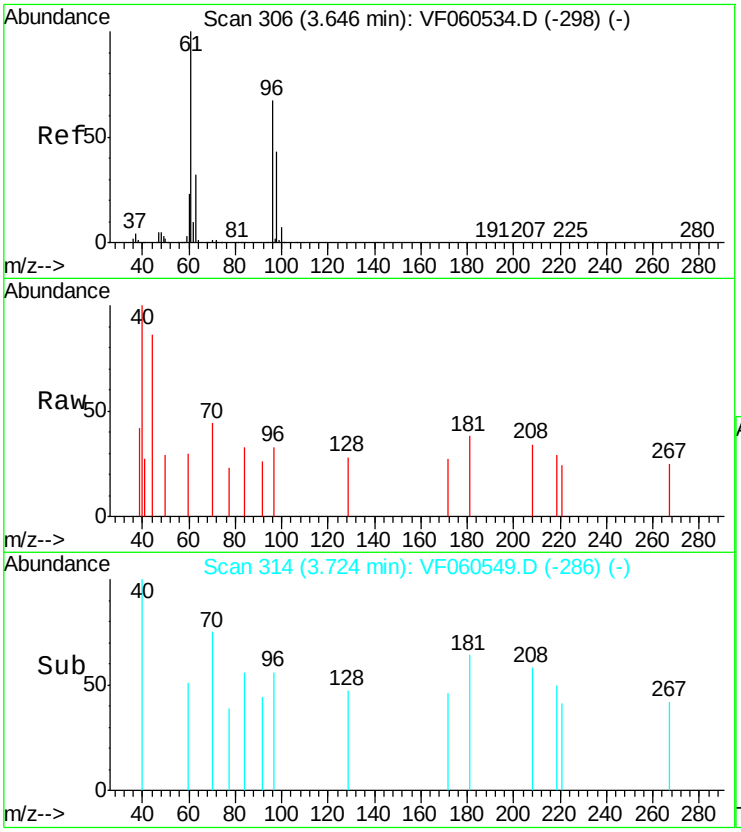


#26
2,2-Dichloropropane
Concen: 31.11 ug/l
RT: 3.77 min Scan# 319
Delta R.T. -0.00 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 77 Resp: 163

Ion	Ratio	Lower	Upper
77	100		
97	0.0	8.5	25.5#



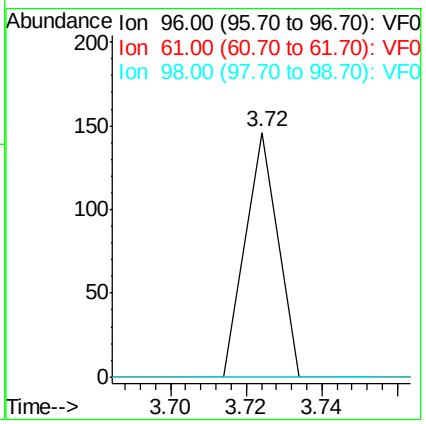


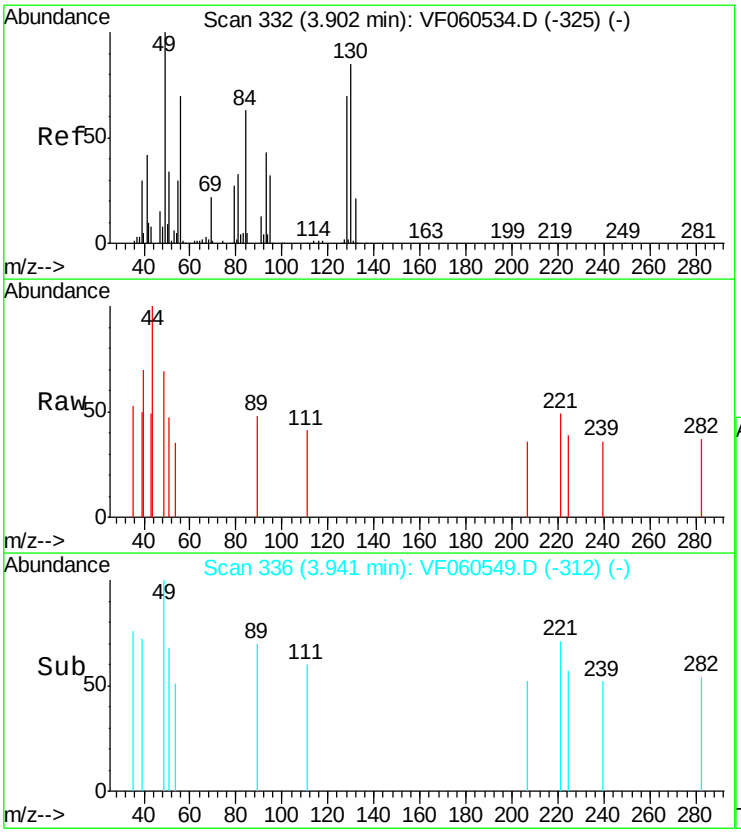
#27
cis-1,2-Dichloroethene
Concen: 17.24 ug/l
RT: 3.72 min Scan# 314
Delta R.T. 0.08 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 96 Resp: 86

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

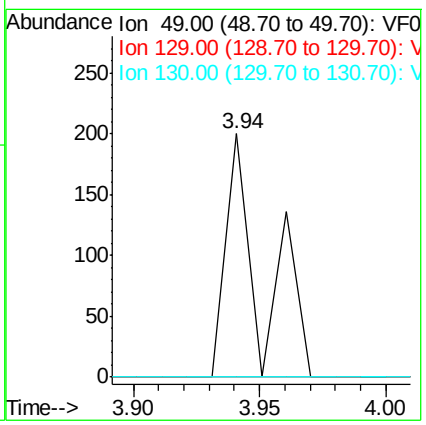


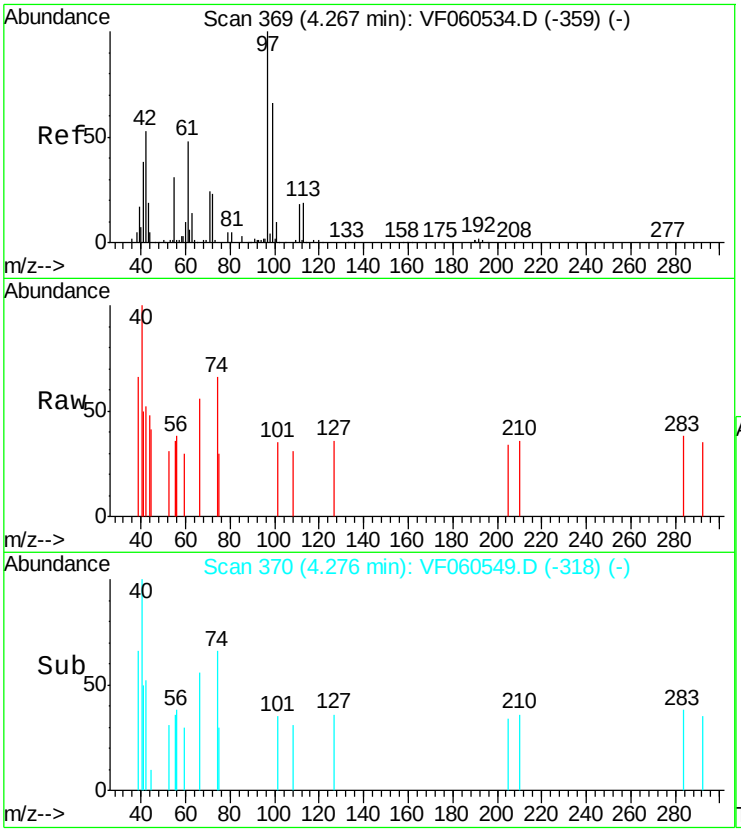


#28
Bromochloromethane
Concen: 65.52 ug/l
RT: 3.94 min Scan# 336
Delta R.T. 0.04 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 49 Resp: 199

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



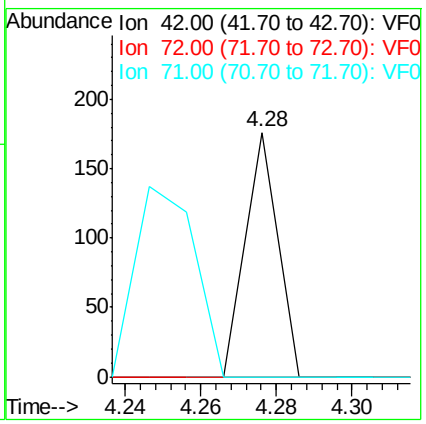


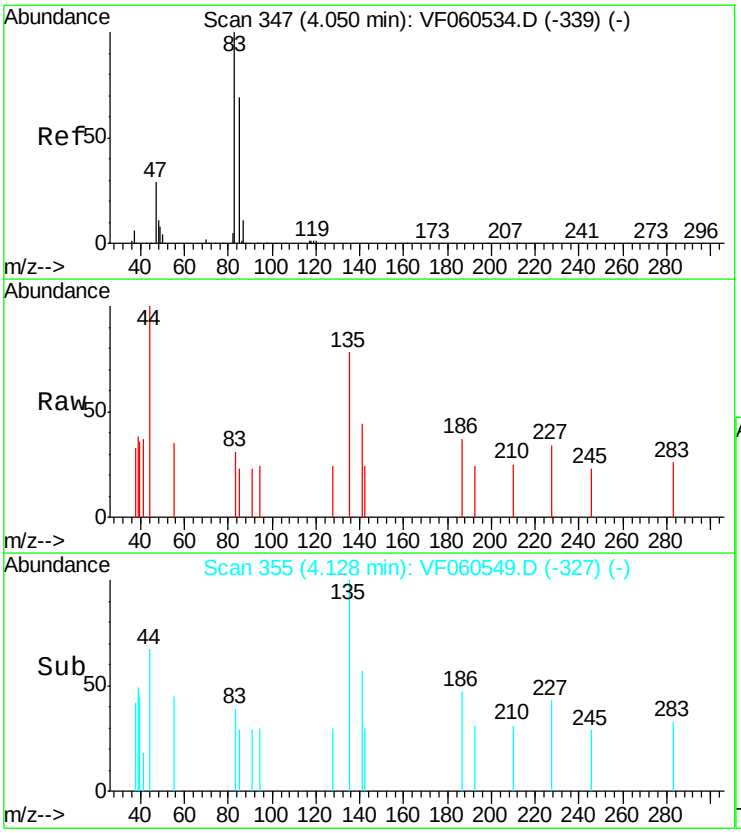
#29
Tetrahydrofuran
Concen: 222.60 ug/l
RT: 4.28 min Scan# 370
Delta R.T. 0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 42 Resp: 104

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

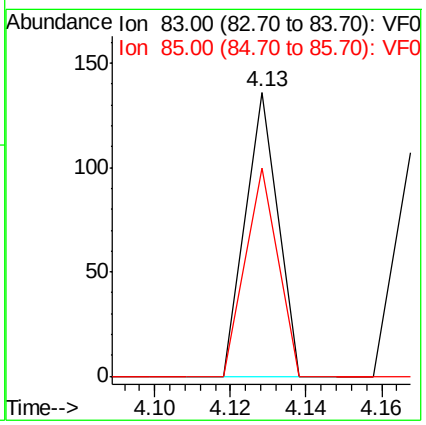


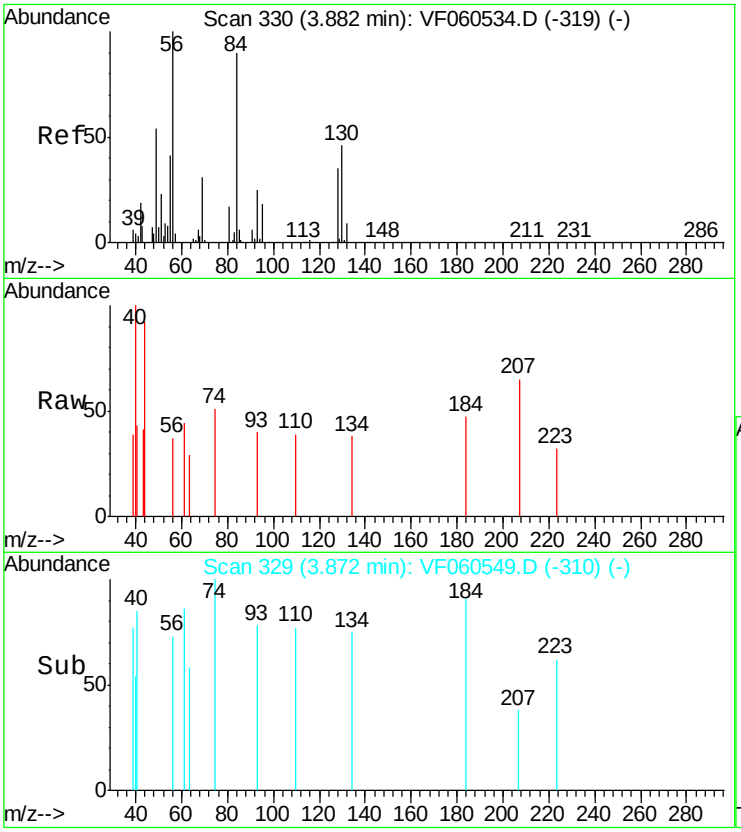


#30
Chloroform
Concen: 7.51 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.08 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 83 Resp: 80

Ion	Ratio	Lower	Upper
83	100		
85	73.5	55.0	82.4



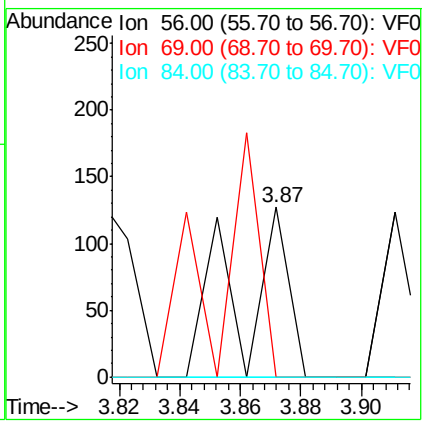


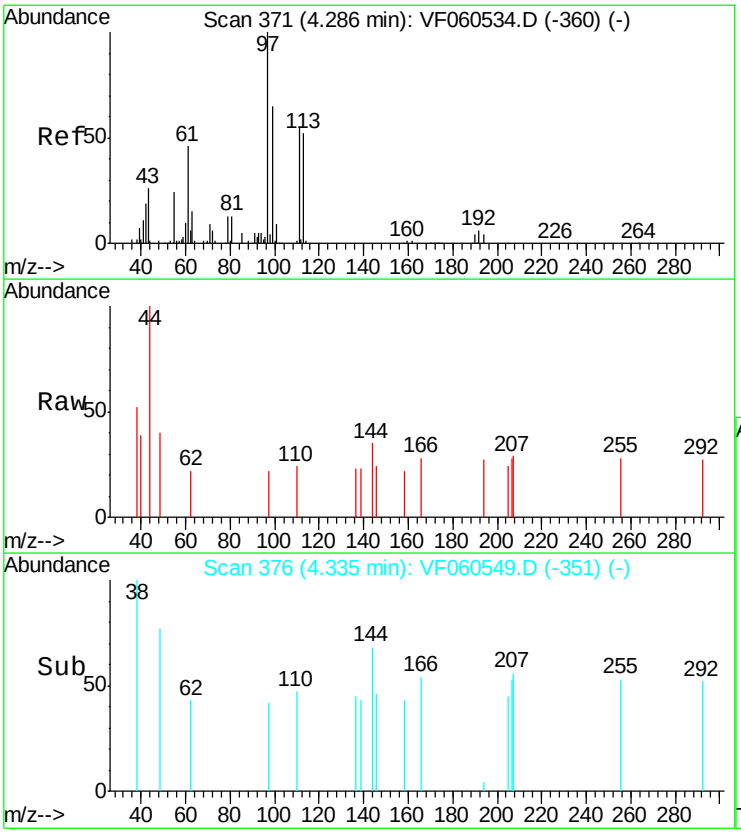
#31
Cyclohexane
Concen: 24.25 ug/l
RT: 3.87 min Scan# 329
Delta R.T. -0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 56 Resp: 146

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

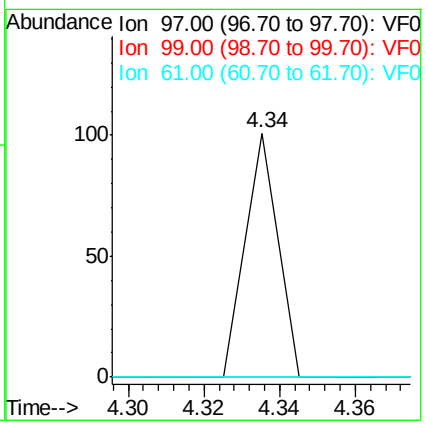


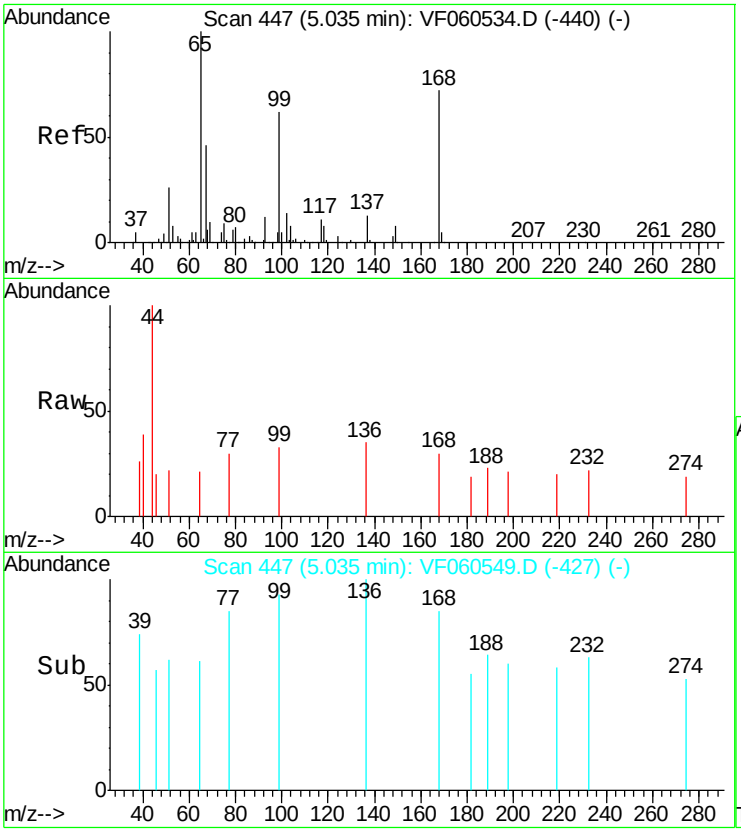


#32
1,1,1-Trichloroethane
Concen: 6.82 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.05 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 97 Resp: 60

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



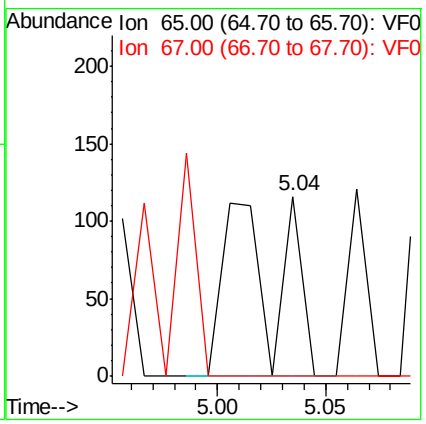


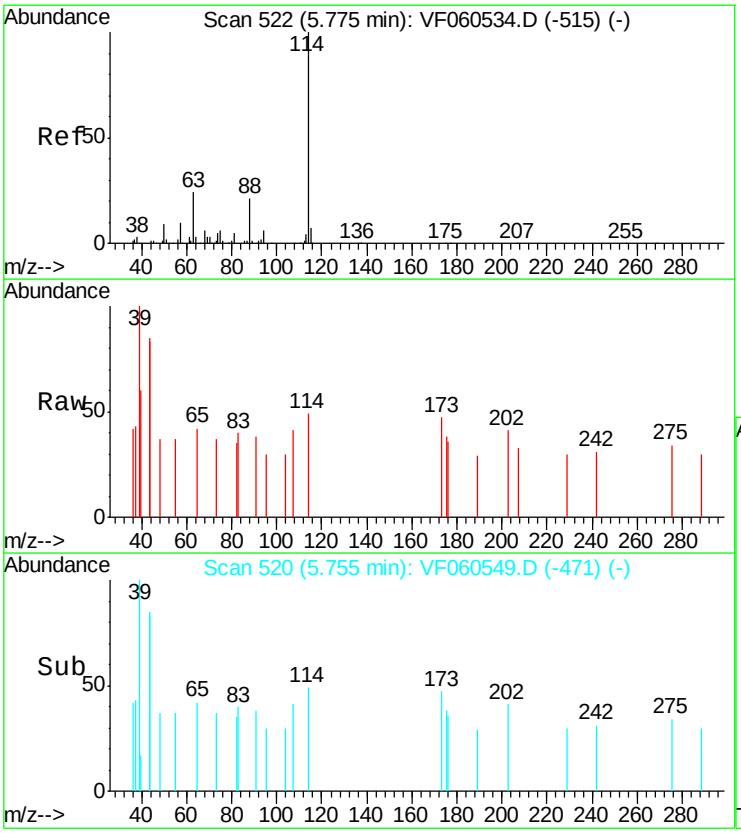
#33
1,2-Dichloroethane-d4
Concen: 36.02 ug/l
RT: 5.04 min Scan# 447
Delta R.T. -0.00 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 65 Resp: 200

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	94.4

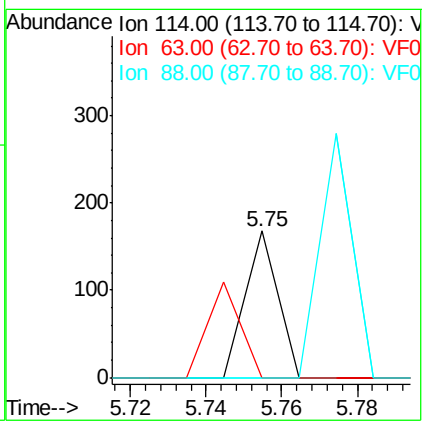


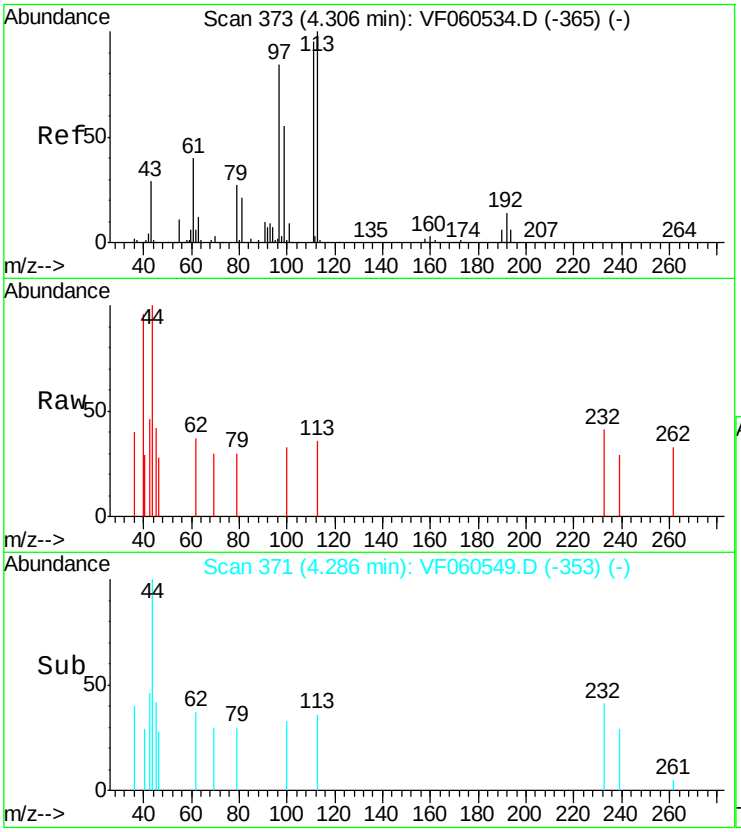


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.75 min Scan# 520
Delta R.T. -0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion:114 Resp: 99

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



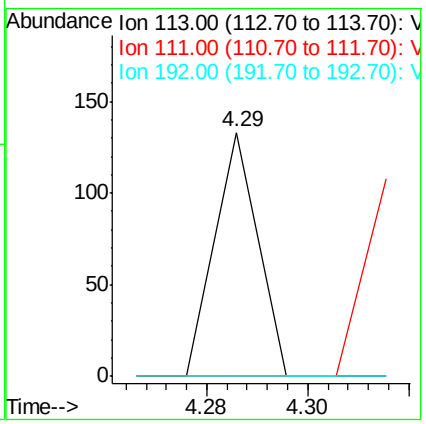


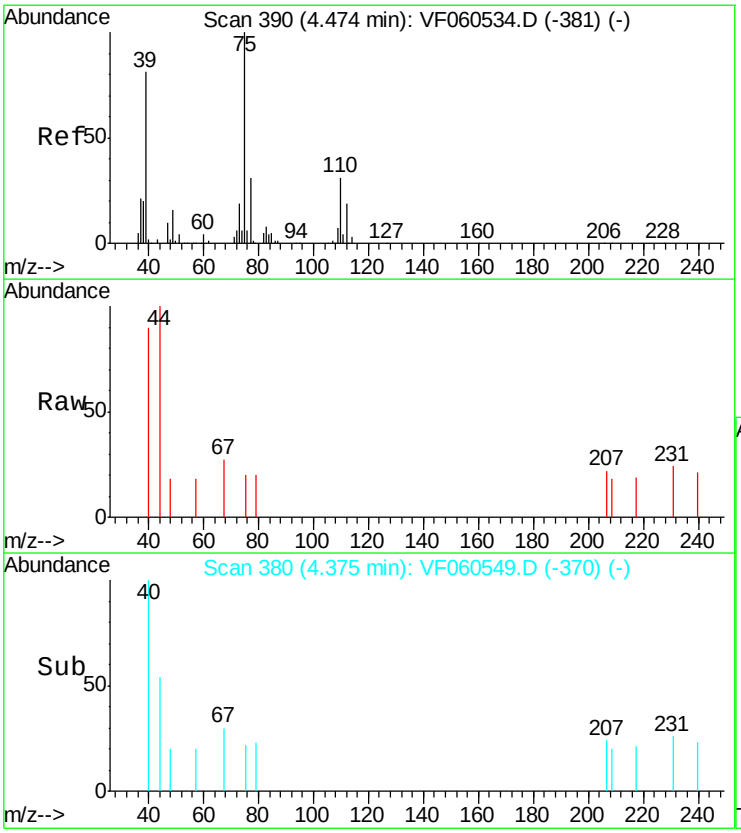
#35
Dibromofluoromethane
Concen: 83.16 ug/l
RT: 4.29 min Scan# 371
Delta R.T. -0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:113 Resp: 79

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

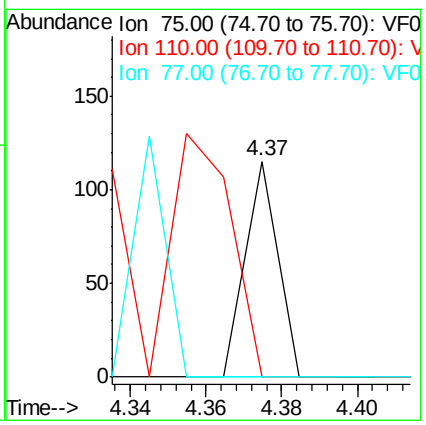


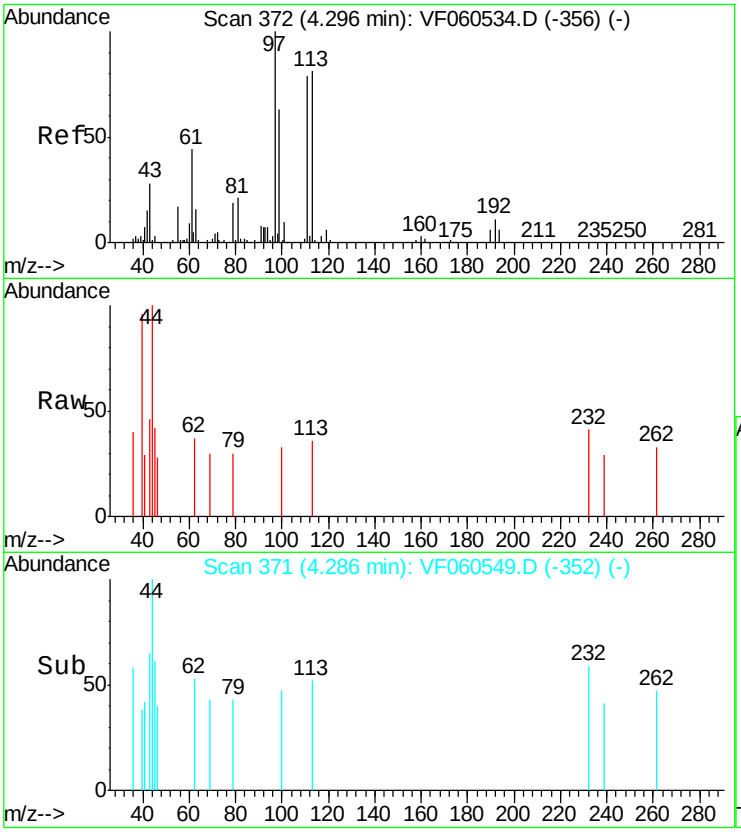


#36
1,1-Dichloropropene
Concen: 55.13 ug/l
RT: 4.37 min Scan# 380
Delta R.T. -0.10 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 75 Resp: 68

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



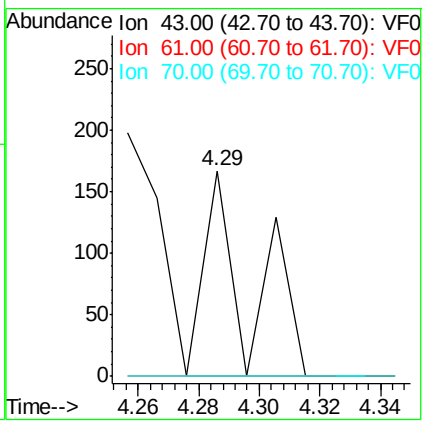


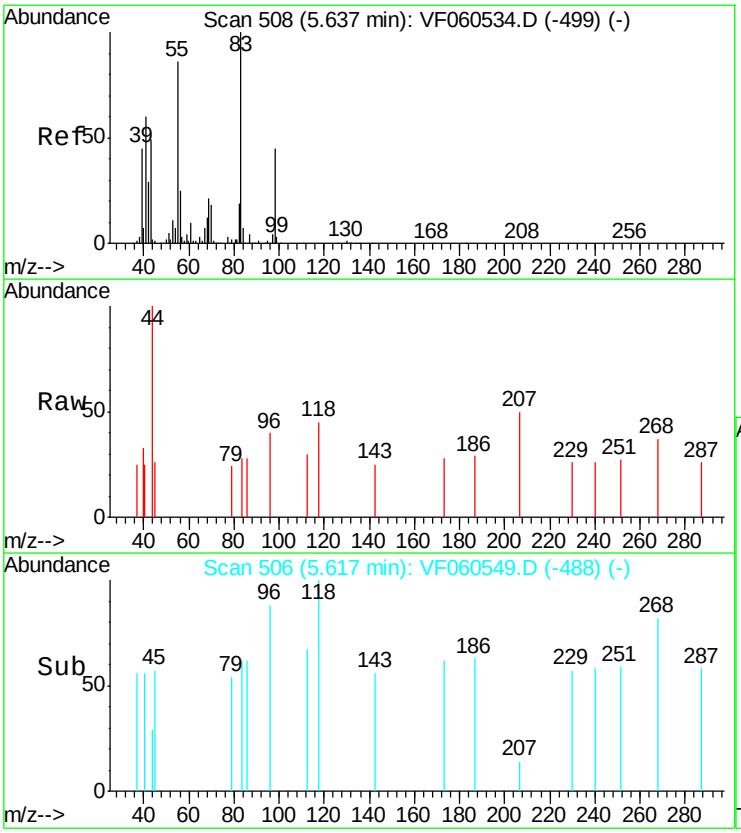
#37
Ethyl Acetate
Concen: 438.24 ug/l
RT: 4.29 min Scan# 371
Delta R.T. -0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 43 Resp: 175

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

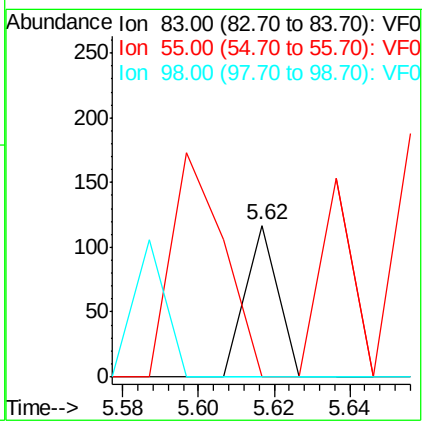


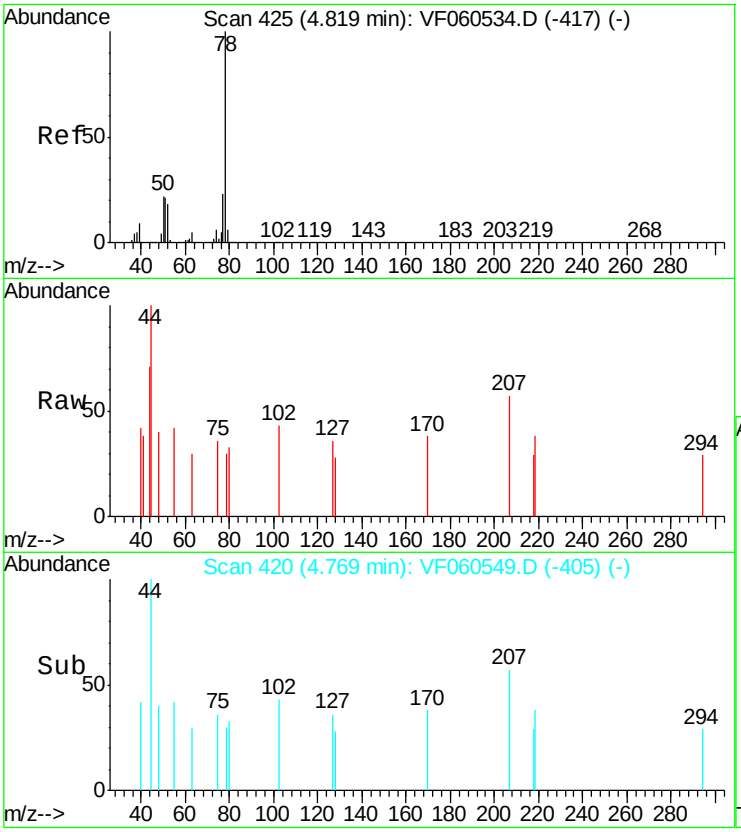


#39
Methylcyclohexane
Concen: 55.39 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 83 Resp: 69

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



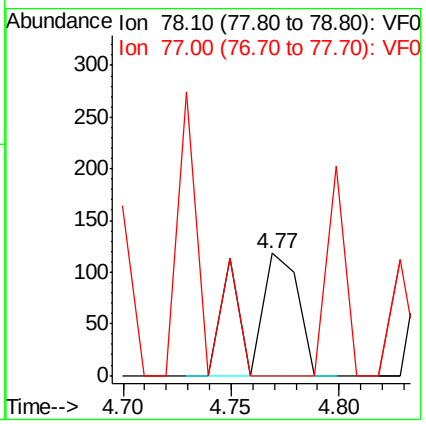


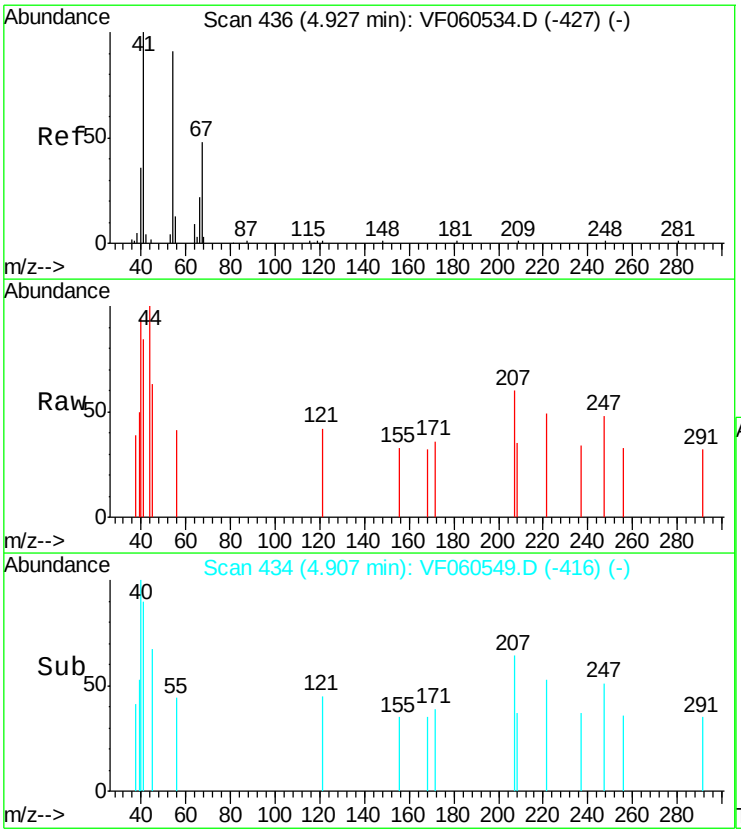
#40
Benzene
Concen: 80.12 ug/l
RT: 4.77 min Scan# 420
Delta R.T. -0.05 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 78 Resp: 196

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.5	27.7#

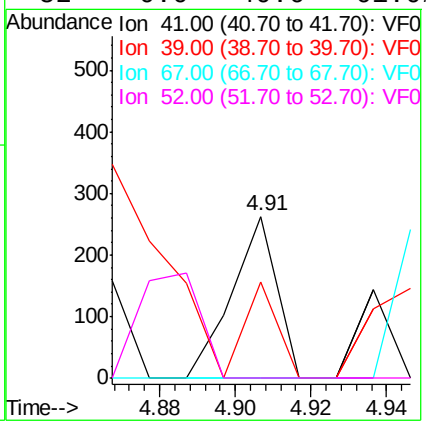


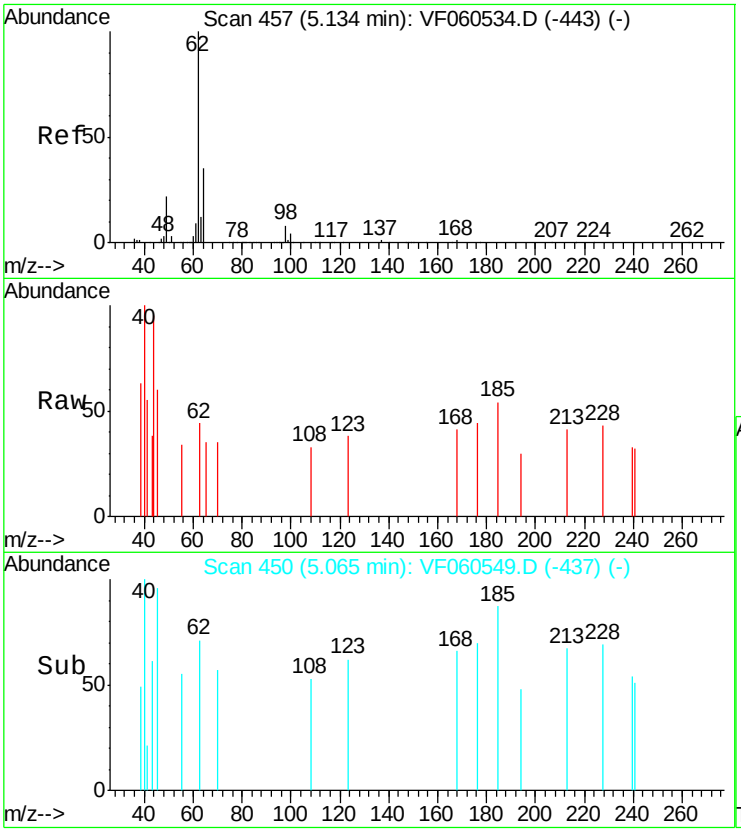


#41
Methacrylonitrile
Concen: 946.28 ug/l
RT: 4.91 min Scan# 434
Delta R.T. -0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 41 Resp: 216

Ion	Ratio	Lower	Upper
41	100		
39	59.3	51.0	76.6
67	0.0	38.0	57.0#
52	0.0	40.6	61.0#



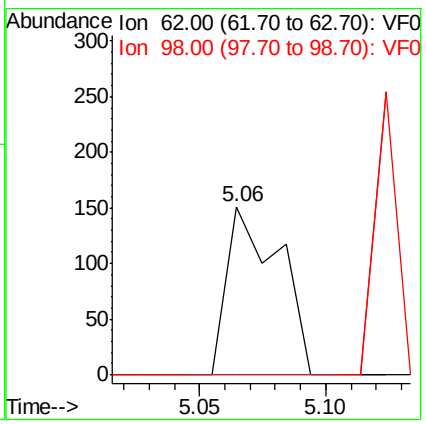


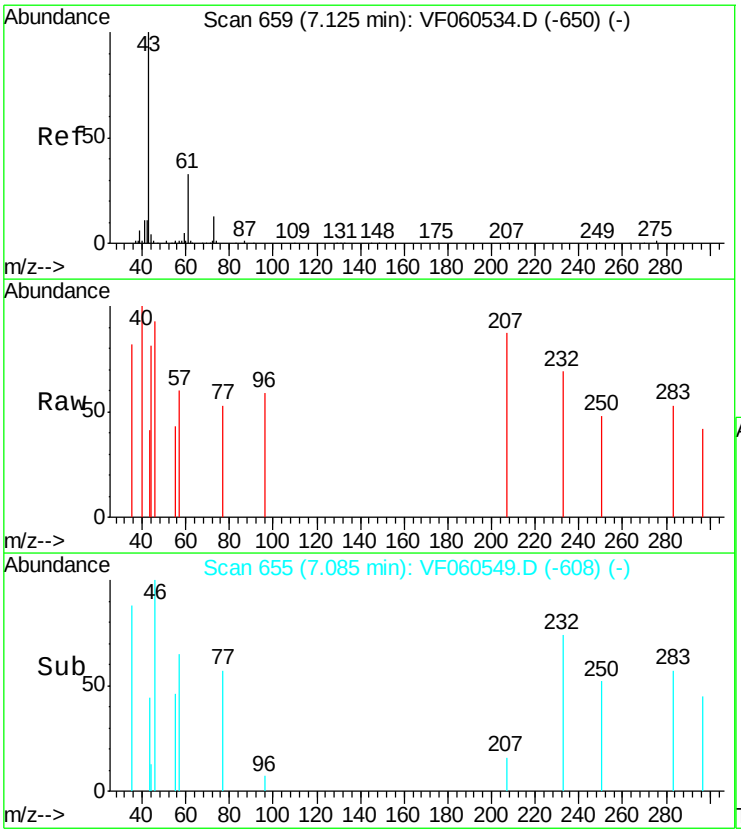
#42
1,2-Dichloroethane
Concen: 191.90 ug/l
RT: 5.06 min Scan# 450
Delta R.T. -0.07 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 62 Resp: 218

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8

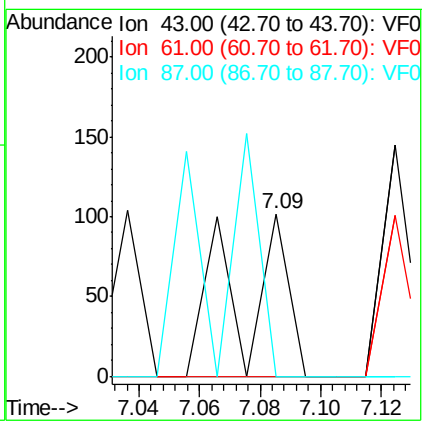


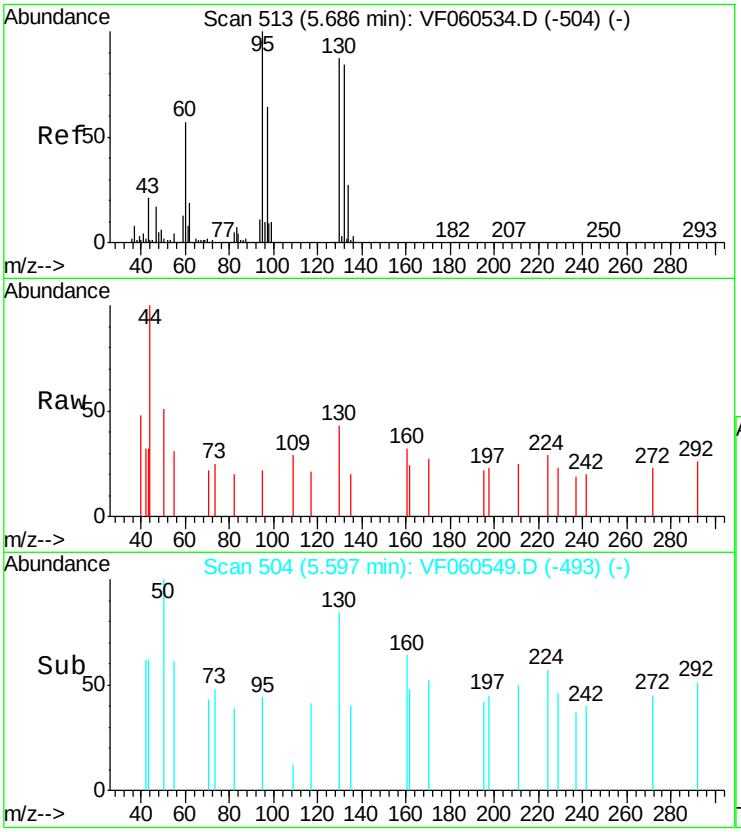


#43
Isopropyl Acetate
Concen: 248.27 ug/l
RT: 7.09 min Scan# 655
Delta R.T. -0.04 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 43 Resp: 120

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



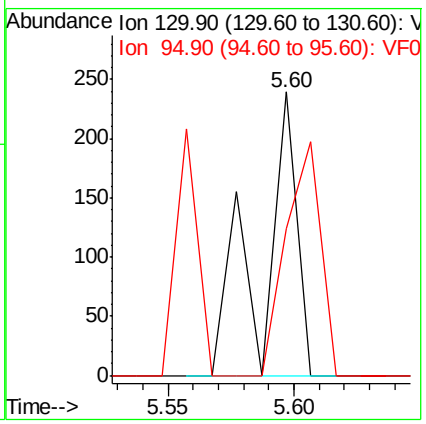


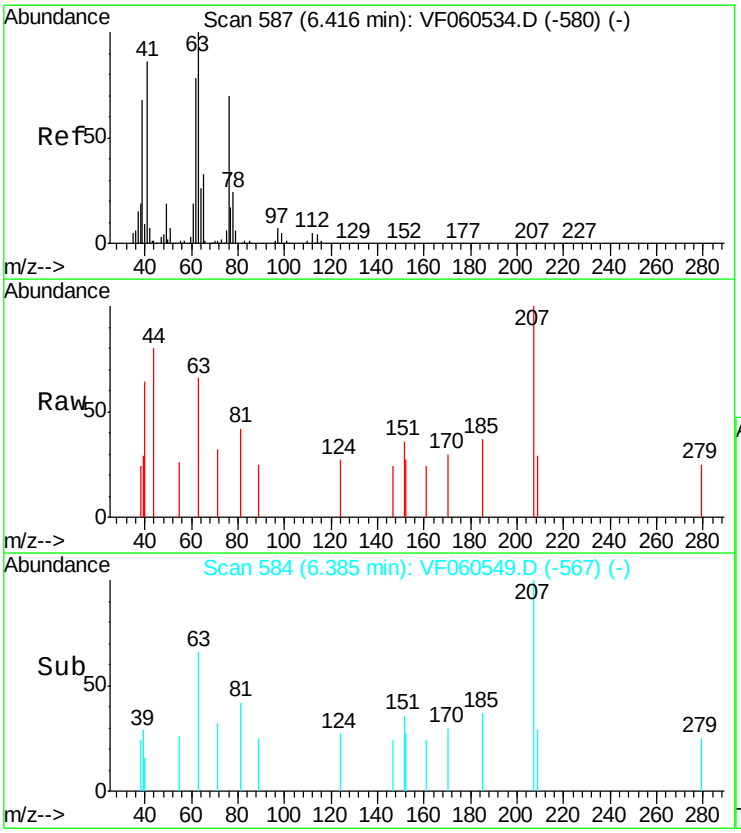
#44
Trichloroethene
Concen: 294.63 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.09 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:130 Resp: 233

Ion	Ratio	Lower	Upper
130	100		
95	51.9	0.0	229.4

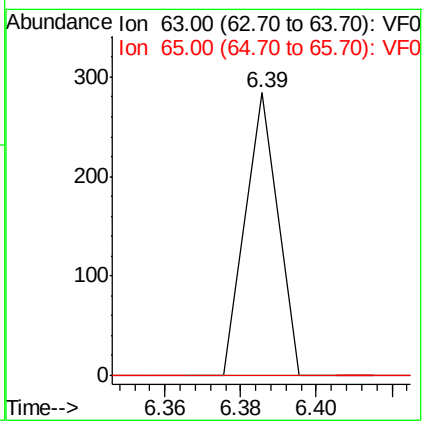


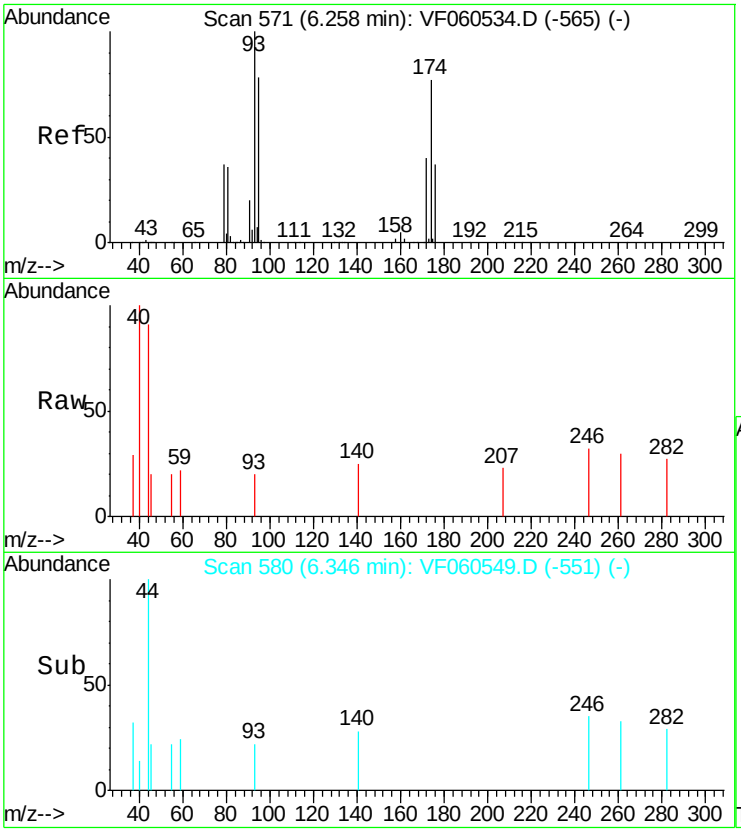


#45
1,2-Dichloropropane
Concen: 275.18 ug/l
RT: 6.39 min Scan# 584
Delta R.T. -0.03 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 63 Resp: 168

Ion	Ratio	Lower	Upper
63	100		
65	0.0	26.5	39.7#



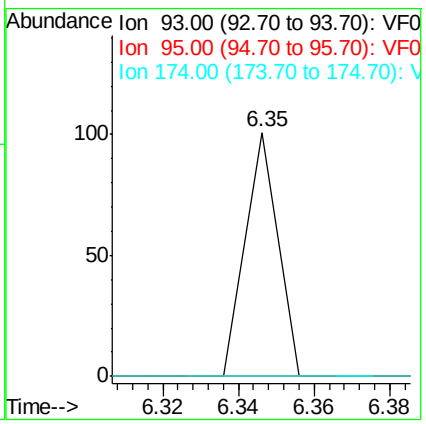


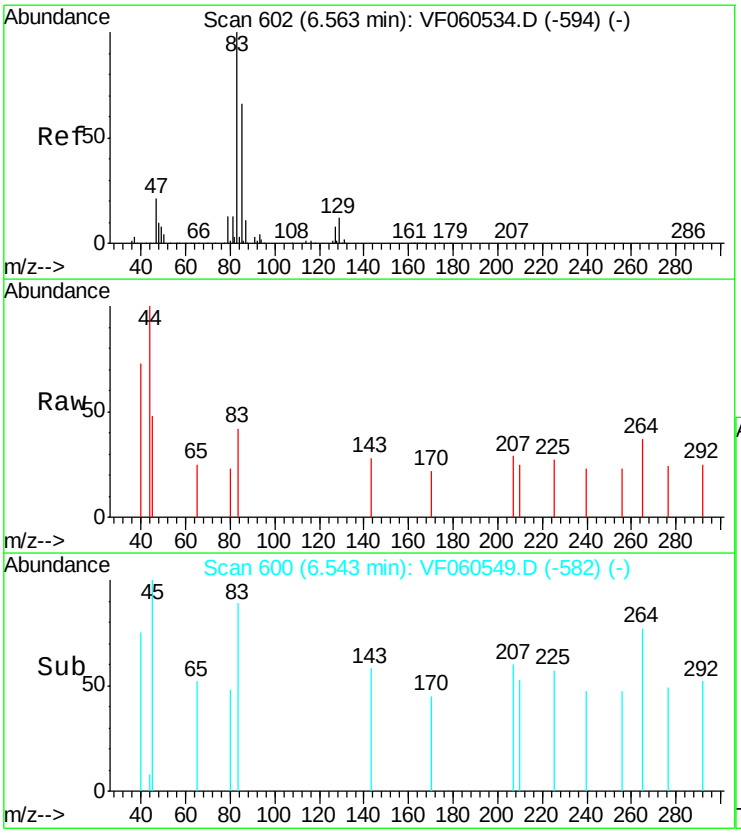
#46
Dibromomethane
Concen: 125.15 ug/l
RT: 6.35 min Scan# 580
Delta R.T. 0.09 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 93 Resp: 60

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

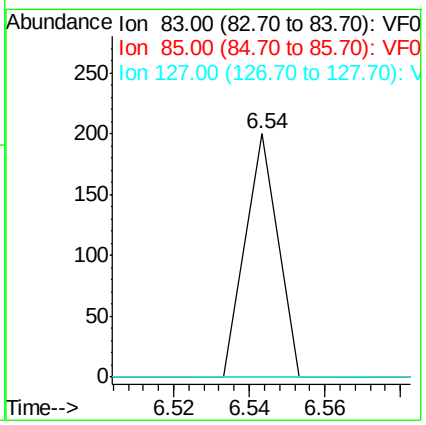


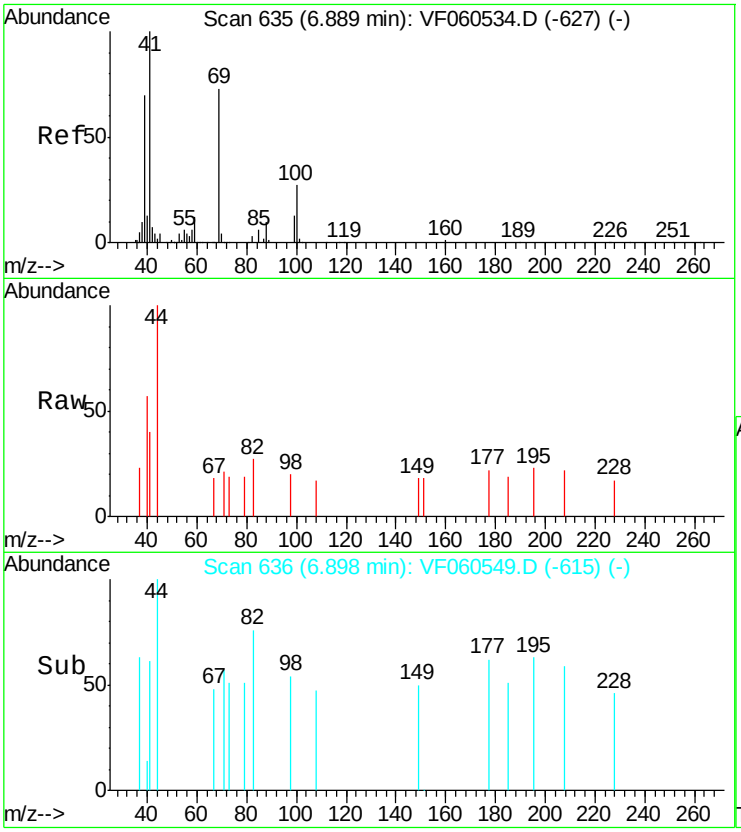


#47
Bromodichloromethane
Concen: 95.92 ug/l
RT: 6.54 min Scan# 600
Delta R.T. -0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 83 Resp: 118

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



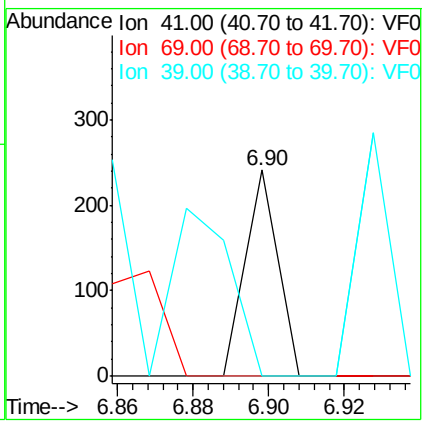


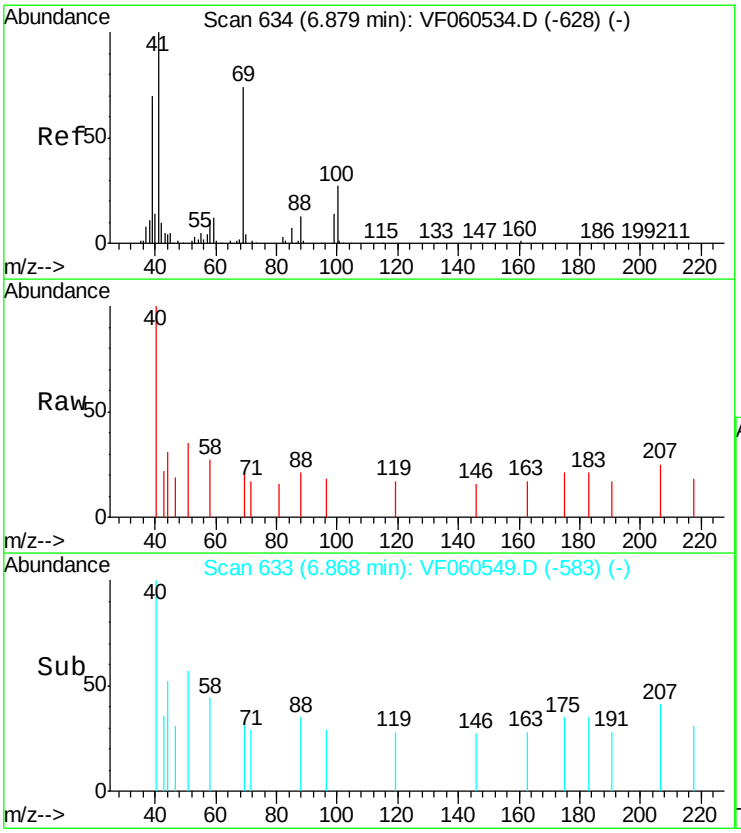
#48
Methyl methacrylate
Concen: 425.92 ug/l
RT: 6.90 min Scan# 636
Delta R.T. 0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 41 Resp: 142

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.4	87.6#
39	0.0	56.4	84.6#

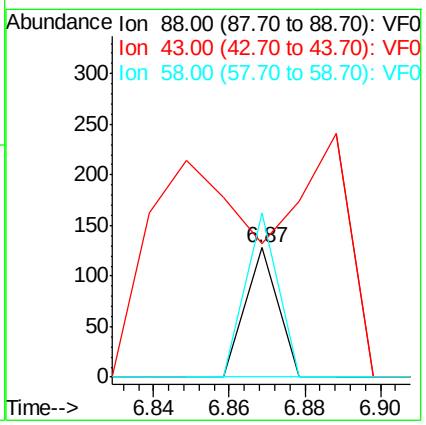


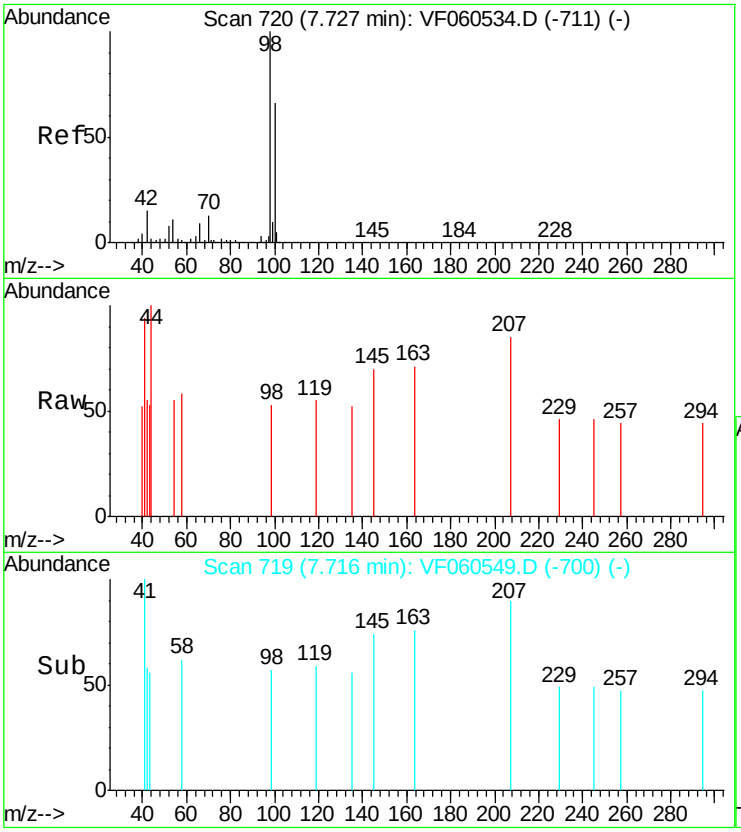


#49
1,4-Dioxane
Concen: 24505.15 ug/l
RT: 6.87 min Scan# 633
Delta R.T. -0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 88 Resp: 76

Ion	Ratio	Lower	Upper
88	100		
43	103.1	49.7	74.5#
58	127.3	67.7	101.5#



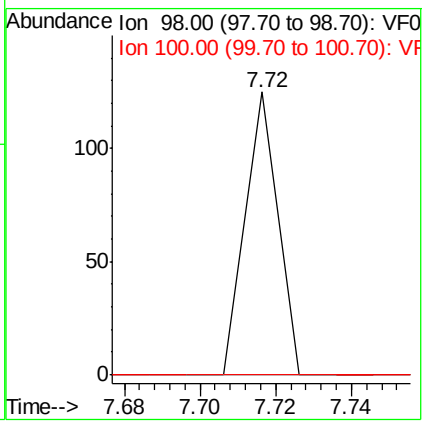


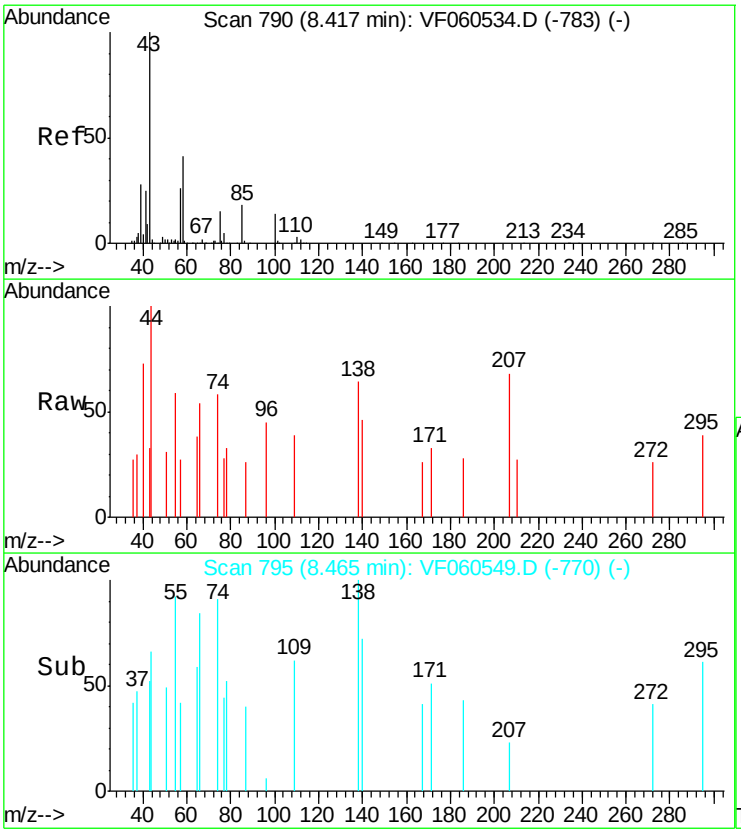
#50
Toluene-d8
Concen: 31.90 ug/l
RT: 7.72 min Scan# 719
Delta R.T. -0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 98 Resp: 74

Ion	Ratio	Lower	Upper
98	100		
100	0.0	53.0	79.6#

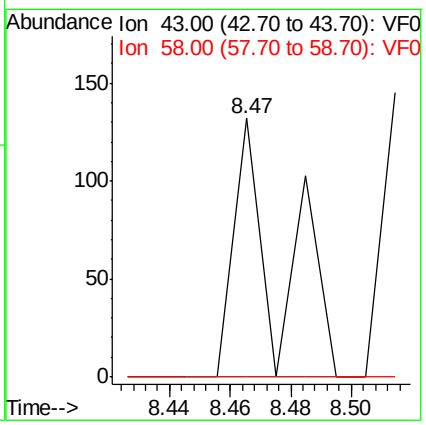


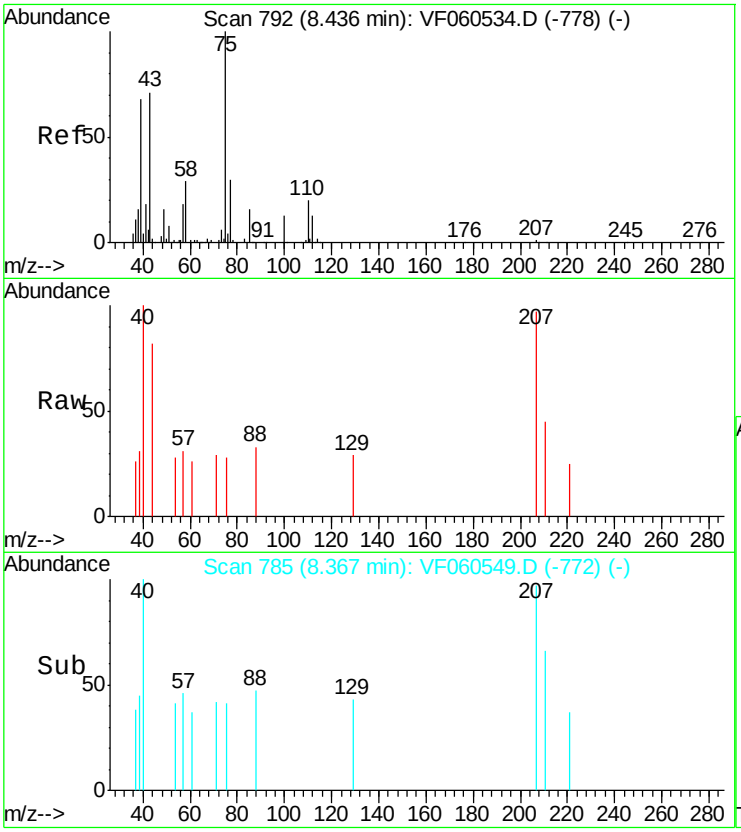


#51
4-Methyl-2-Pentanone
Concen: 397.01 ug/l
RT: 8.47 min Scan# 795
Delta R.T. 0.05 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 43 Resp: 139

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.6	49.0#



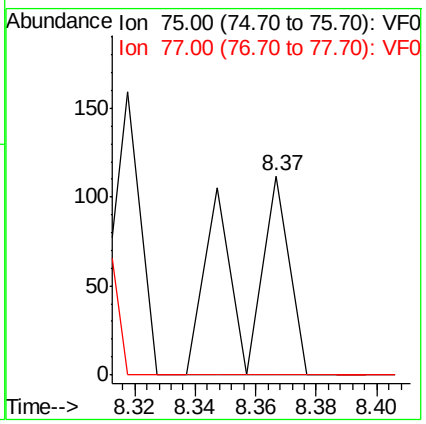


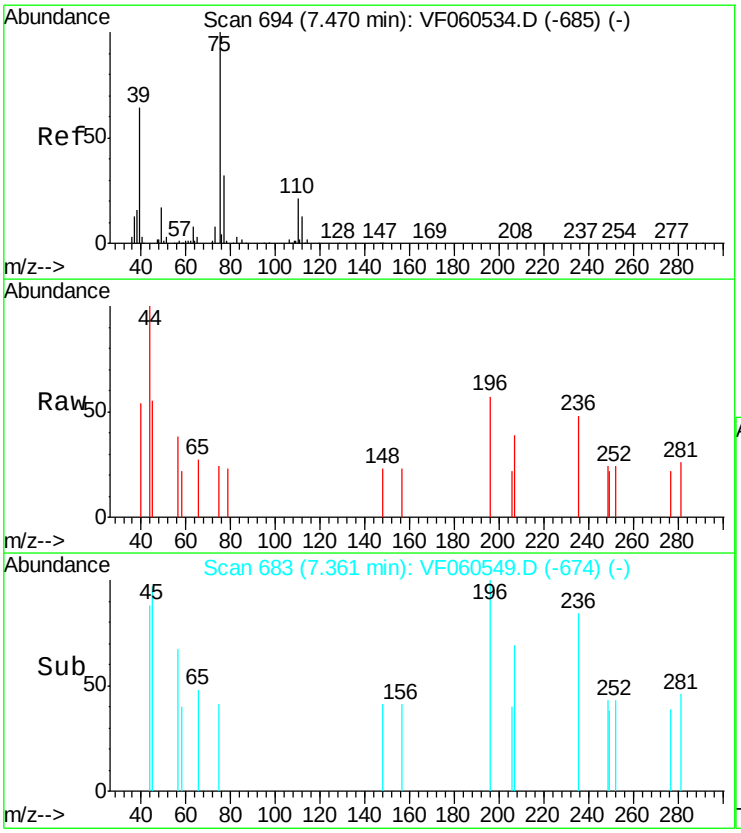
#53
t-1,3-Dichloropropene
Concen: 133.20 ug/l
RT: 8.37 min Scan# 785
Delta R.T. -0.07 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 75 Resp: 128

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.2	36.4#

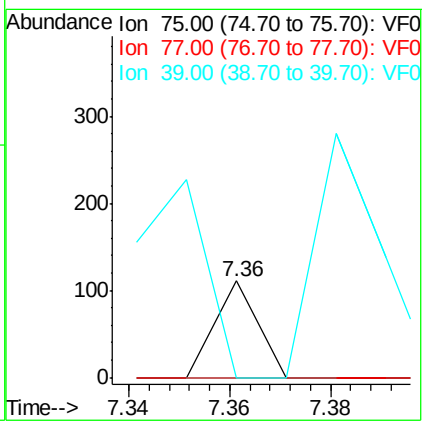


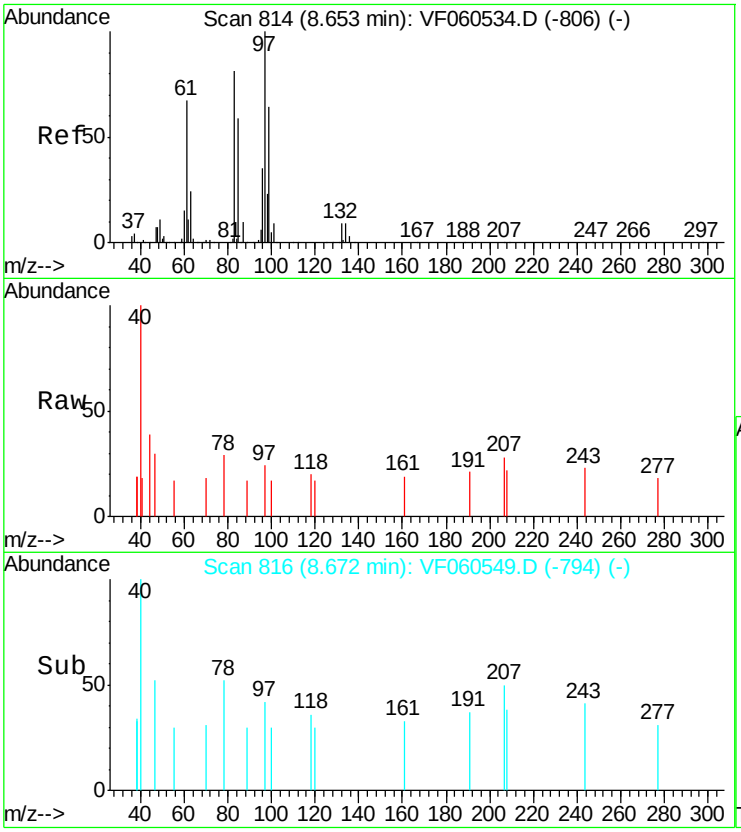


#54
cis-1,3-Dichloropropene
Concen: 57.95 ug/l
RT: 7.36 min Scan# 683
Delta R.T. -0.11 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 75 Resp: 66

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



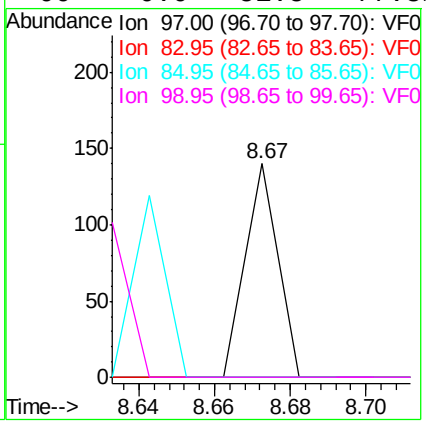


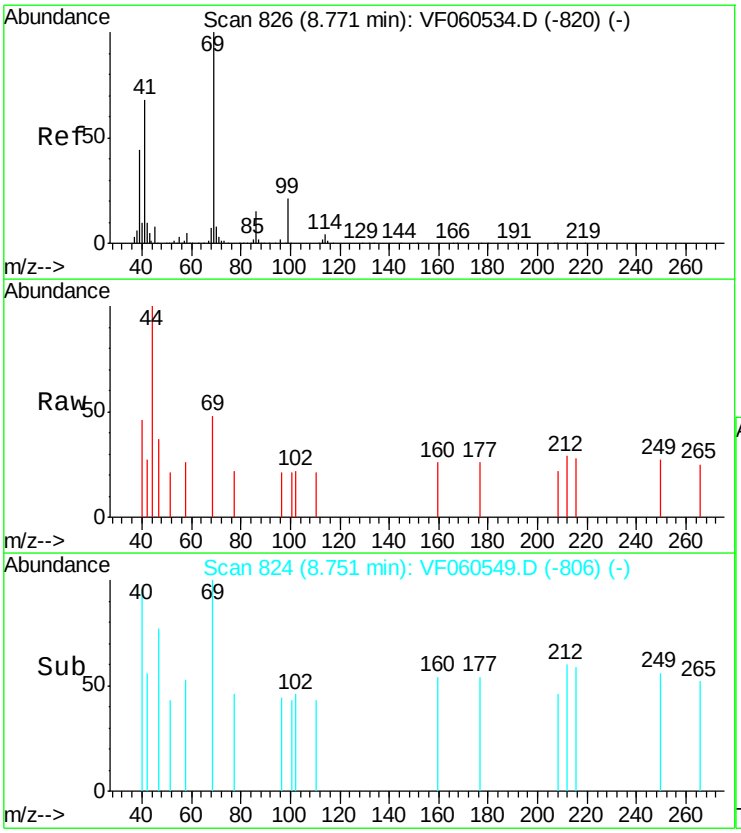
#55
1,1,2-Trichloroethane
Concen: 174.42 ug/l
RT: 8.67 min Scan# 816
Delta R.T. 0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 97 Resp: 83

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

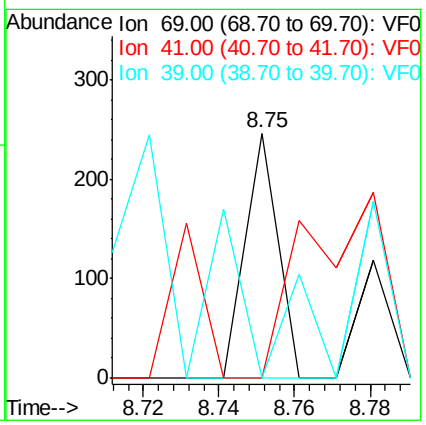


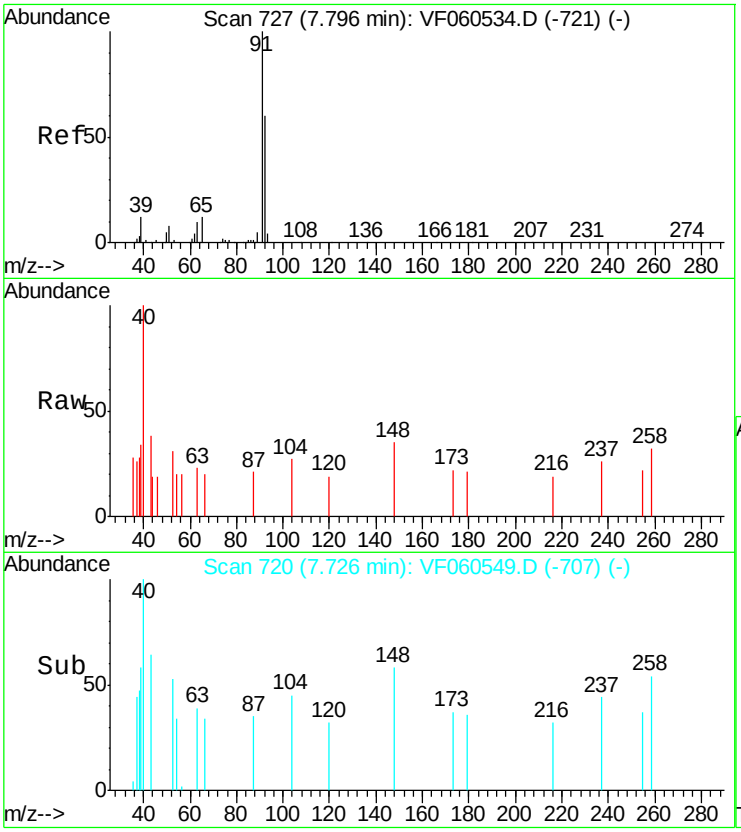


#56
Ethyl methacrylate
Concen: 273.43 ug/l
RT: 8.75 min Scan# 824
Delta R.T. -0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 69 Resp: 146

Ion	Ratio	Lower	Upper
69	100		
41	0.0	55.0	82.6#
39	0.0	35.1	52.7#



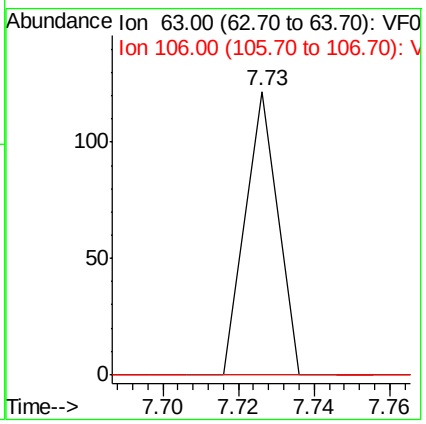


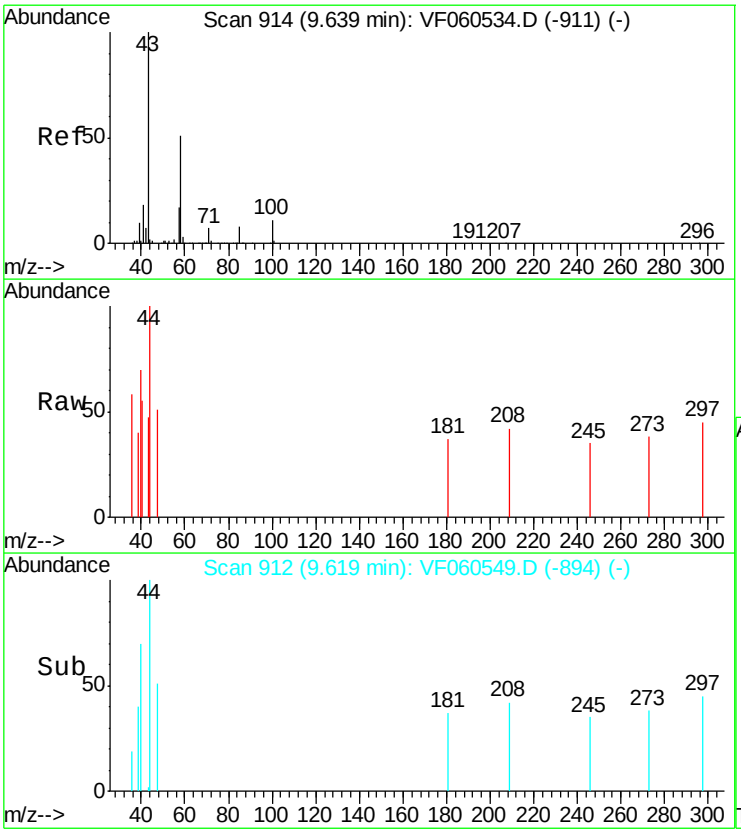
#58
2-Chloroethyl Vinyl ether
Concen: 1308.33 ug/l
RT: 7.73 min Scan# 720
Delta R.T. -0.07 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 63 Resp: 72

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

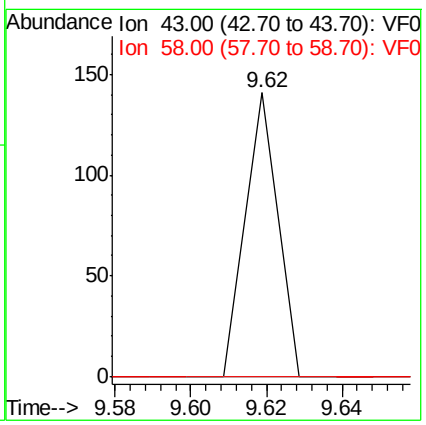


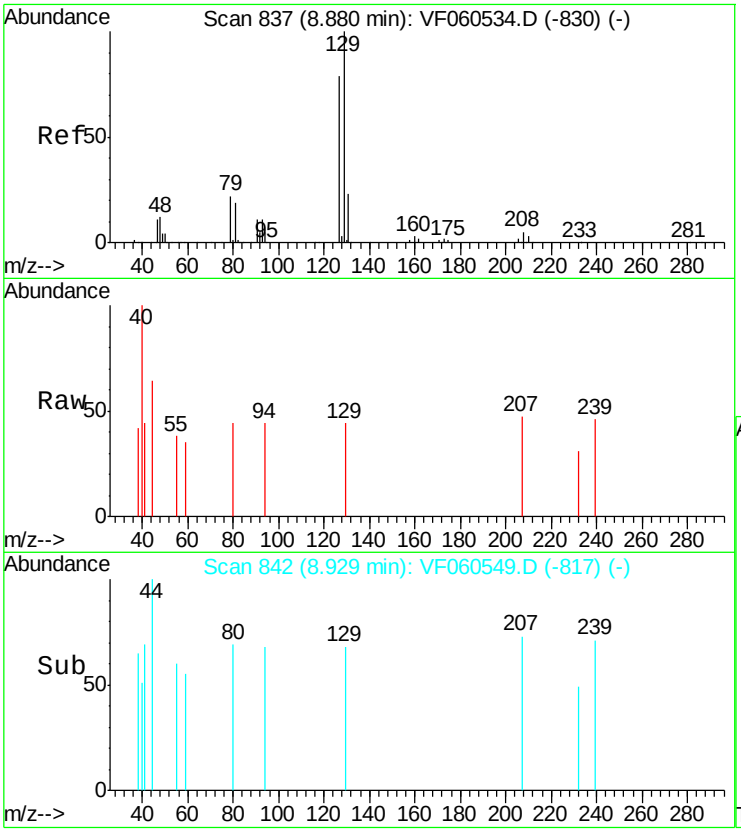


#59
2-Hexanone
Concen: 332.34 ug/l
RT: 9.62 min Scan# 912
Delta R.T. -0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 43 Resp: 83

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.1	72.3#



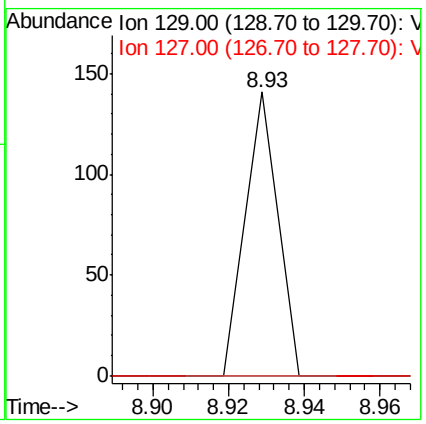


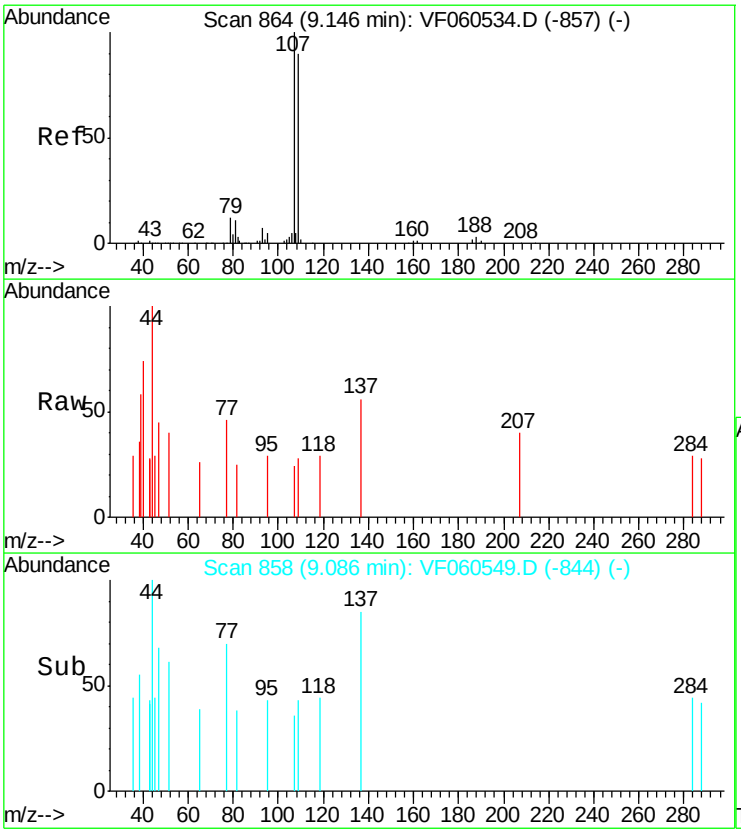
#60
Dibromochloromethane
Concen: 108.27 ug/l
RT: 8.93 min Scan# 842
Delta R.T. 0.05 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion:129 Resp: 83

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.6	119.0#

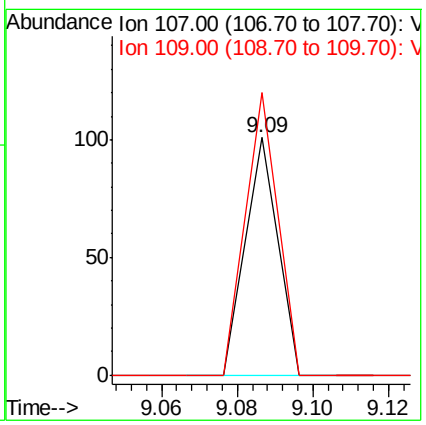


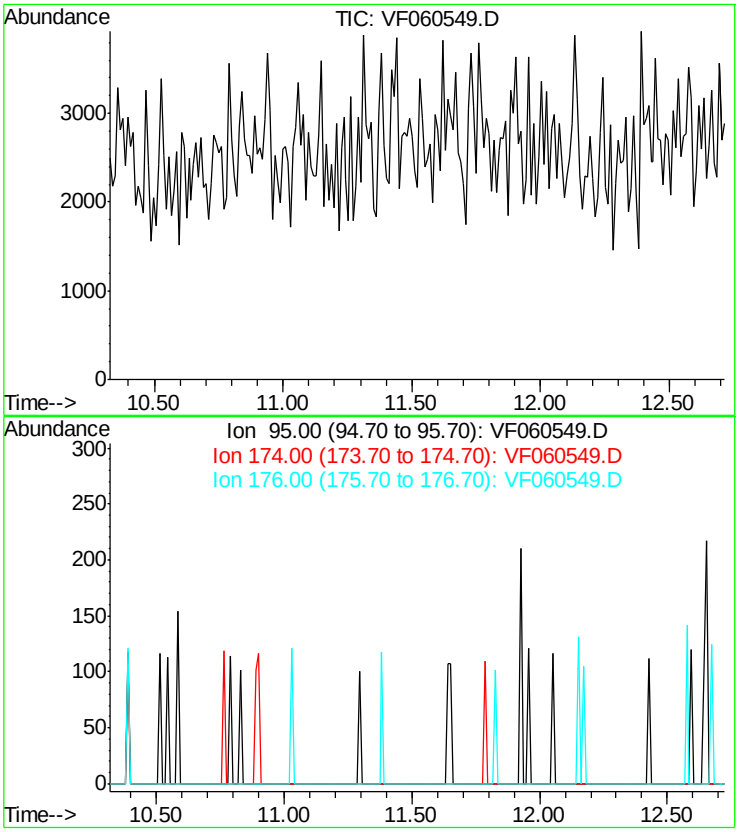


#61
1,2-Dibromoethane
Concen: 108.90 ug/l
RT: 9.09 min Scan# 858
Delta R.T. -0.06 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion:107 Resp: 60

Ion	Ratio	Lower	Upper
107	100		
109	118.8	72.2	108.2#





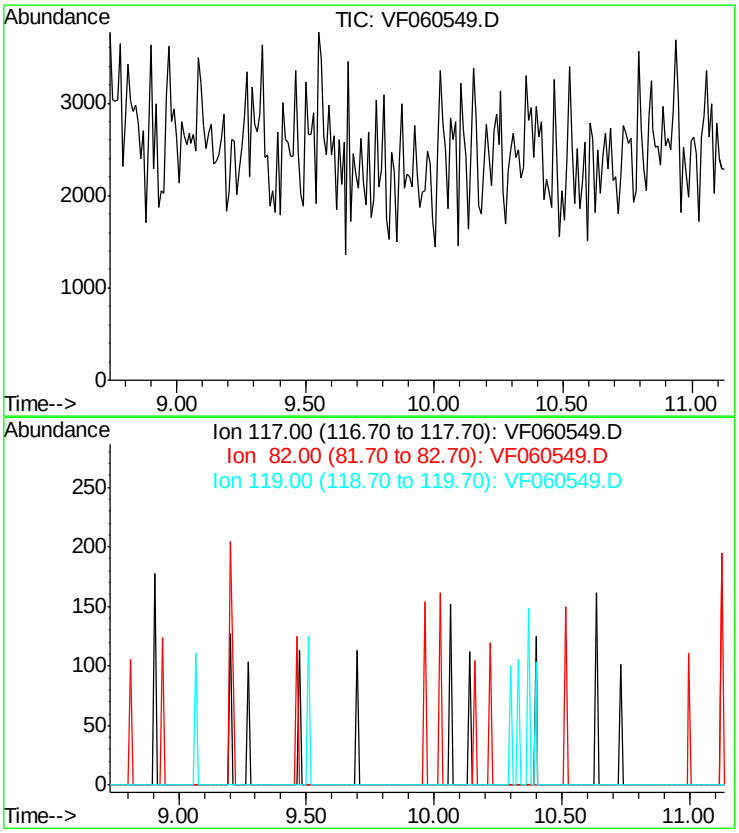
#62
4-Bromofluorobenzene
Concen: 0.00 ug/l
Expected RT: 11.52 min

Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	76.9
176	71.8

Instrument :
MSVOA_F
ClientSampleId :
SB-2

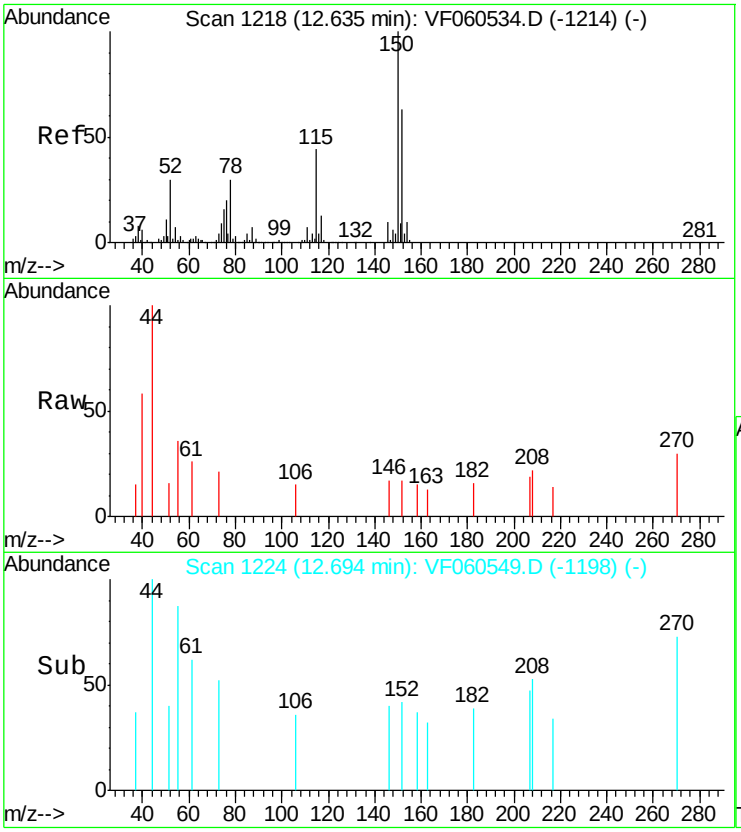


#63
Chlorobenzene-d5
Concen: 0.00 ug/l
Expected RT: 9.93 min

Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	59.5
119	34.1

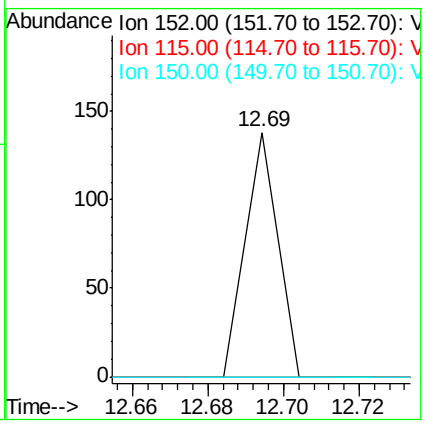


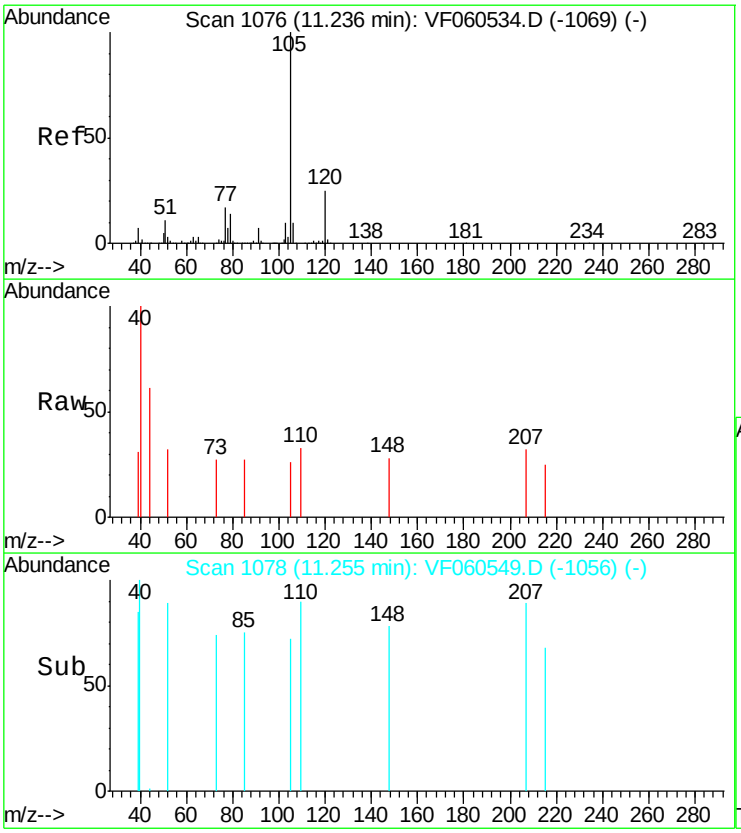
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.69 min Scan# 1224
Delta R.T. 0.06 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:152 Resp: 82

Ion	Ratio	Lower	Upper
152	100		
115	0.0	34.7	104.1#
150	0.0	0.0	318.4

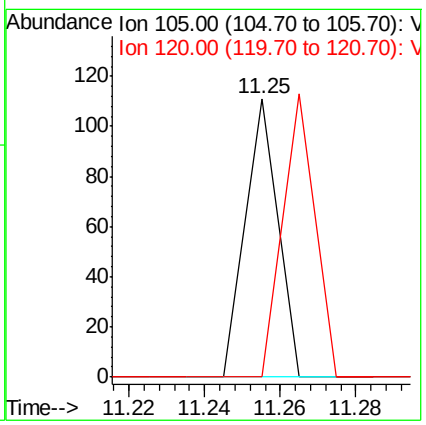


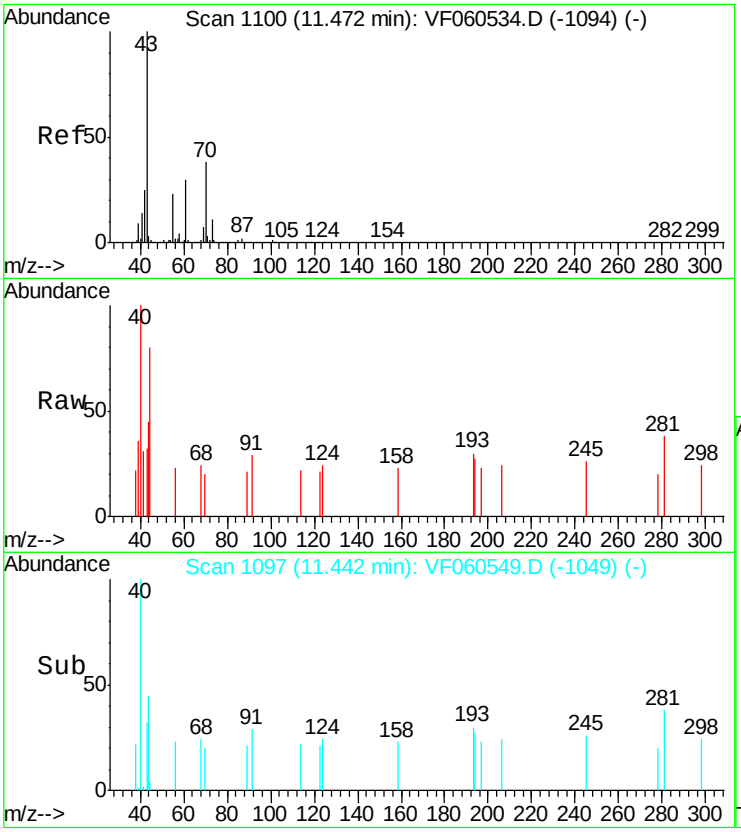


#73
Isopropylbenzene
Concen: 10.53 ug/l
RT: 11.25 min Scan# 1078
Delta R.T. 0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion:105 Resp: 66

Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.3	36.8#



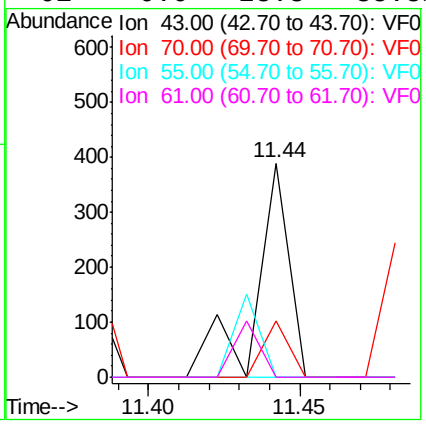


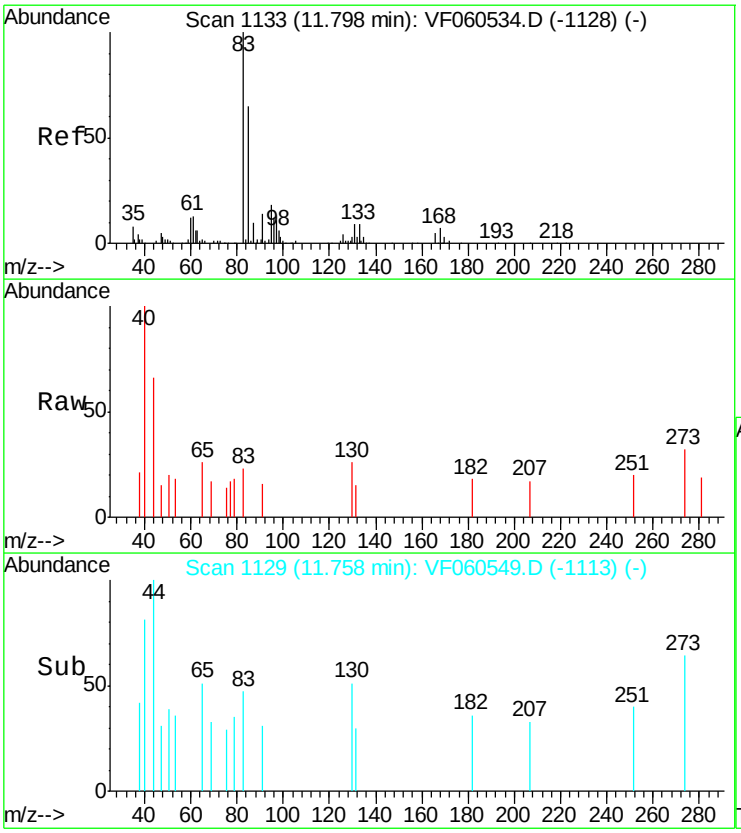
#74
N-amyl acetate
Concen: 236.60 ug/l
RT: 11.44 min Scan# 1097
Delta R.T. -0.03 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 43 Resp: 297

Ion	Ratio	Lower	Upper
43	100		
70	26.2	30.8	46.2#
55	0.0	18.2	27.4#
61	0.0	23.8	35.8#

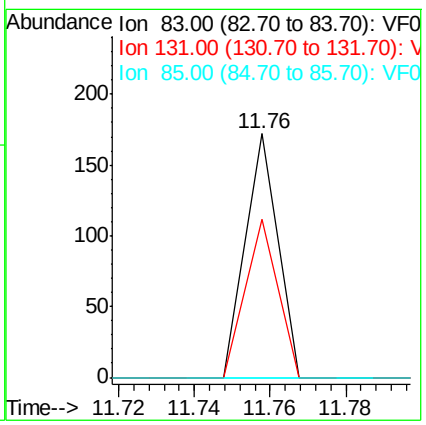


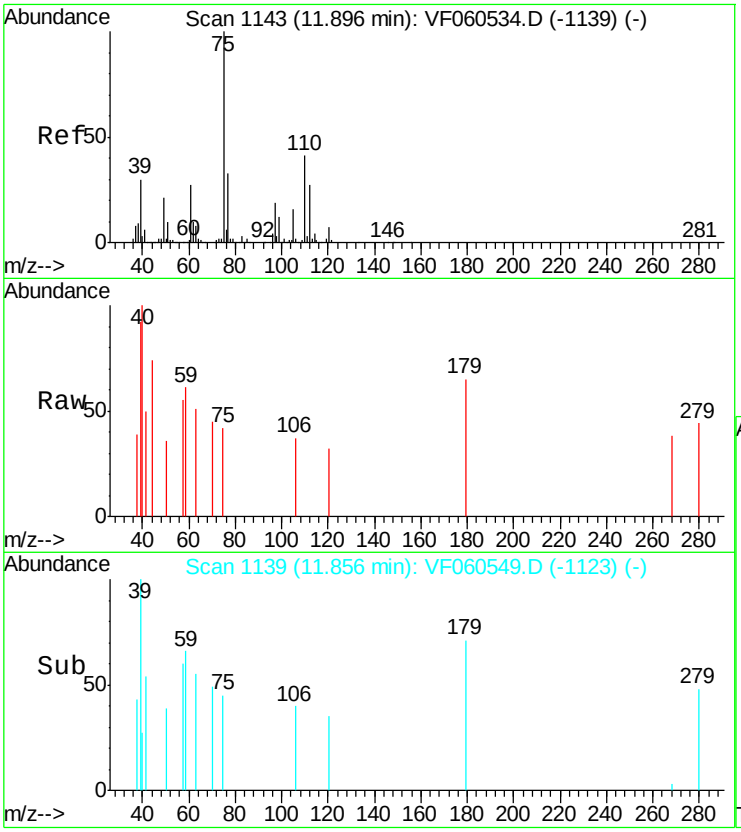


#75
1,1,2,2-Tetrachloroethane
Concen: 97.52 ug/l
RT: 11.76 min Scan# 1129
Delta R.T. -0.04 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 83 Resp: 102

Ion	Ratio	Lower	Upper
83	100		
131	65.1	4.7	14.0#
85	0.0	32.4	97.0#



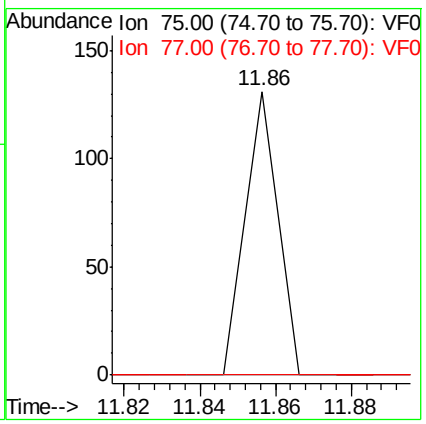


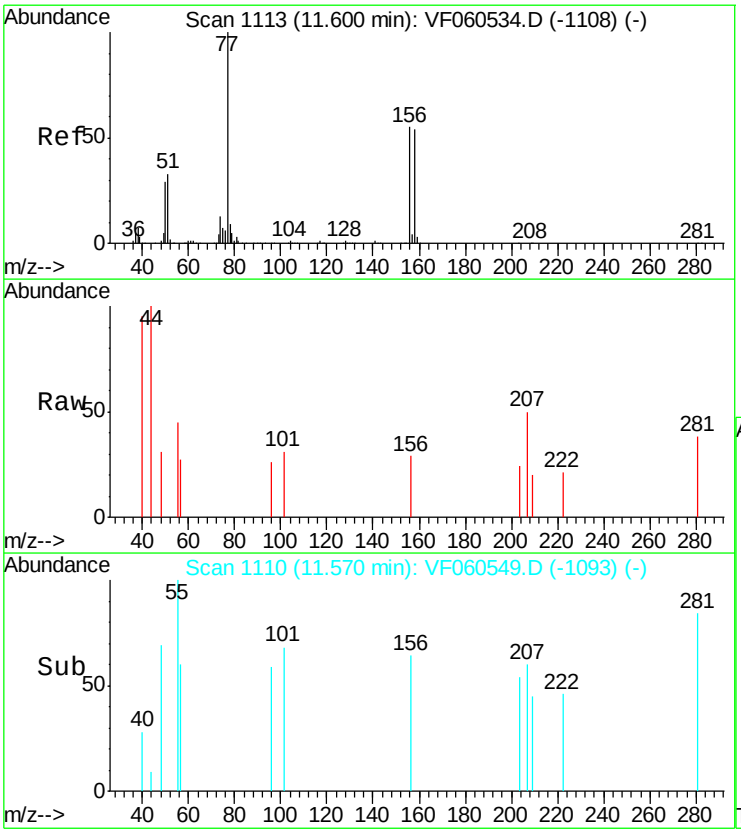
#76
1,2,3-Trichloropropane
Concen: 97.86 ug/l
RT: 11.86 min Scan# 1139
Delta R.T. -0.04 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 75 Resp: 77

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.7	50.1#

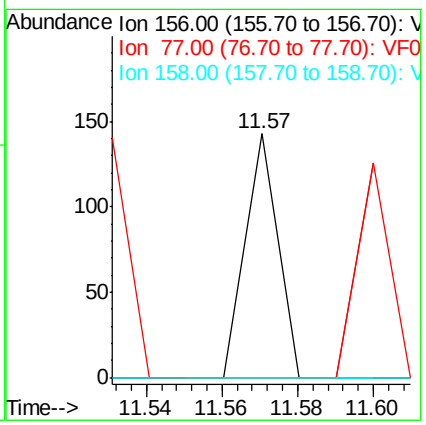


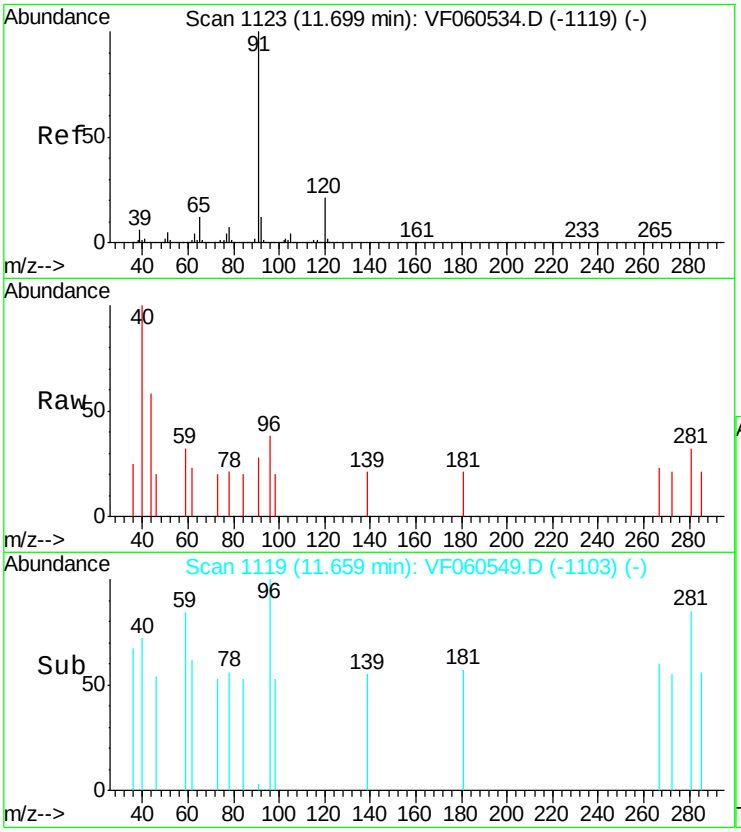


#77
Bromobenzene
Concen: 61.63 ug/l
RT: 11.57 min Scan# 1110
Delta R.T. -0.03 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion:156 Resp: 85

Ion	Ratio	Lower	Upper
156	100		
77	0.0	91.3	274.1#
158	0.0	49.3	147.9#



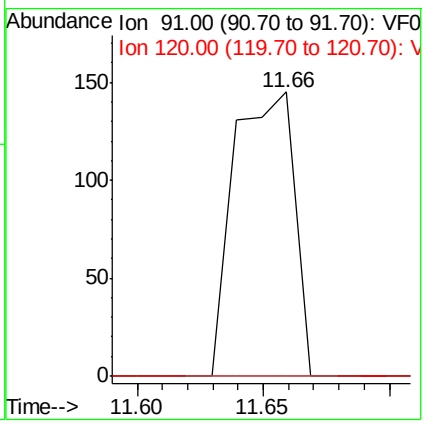


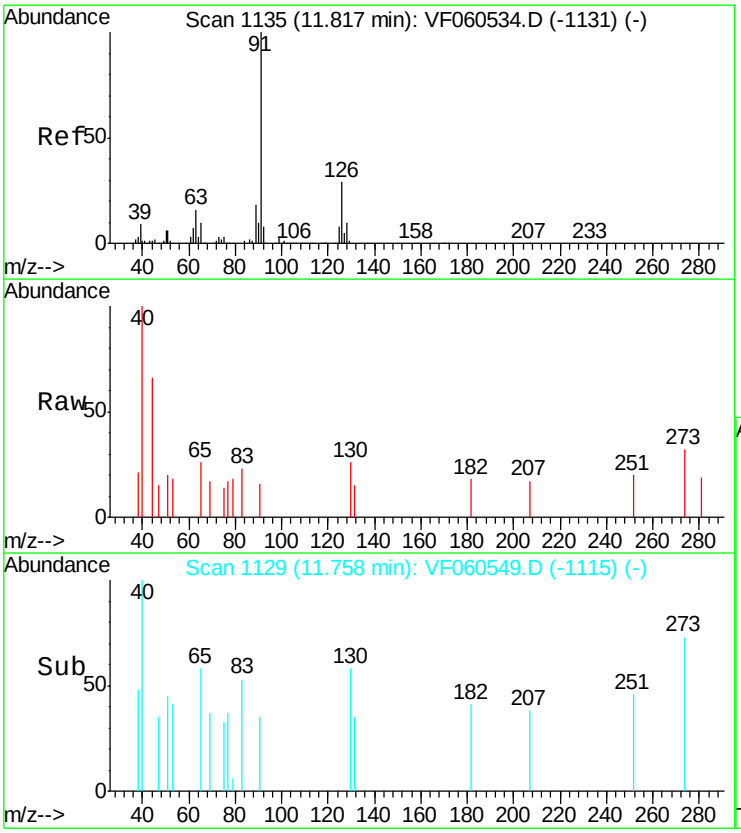
#78
n-propylbenzene
Concen: 32.42 ug/l
RT: 11.66 min Scan# 1119
Delta R.T. -0.04 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 91 Resp: 241

Ion	Ratio	Lower	Upper
91	100		
120	0.0	10.7	32.1#

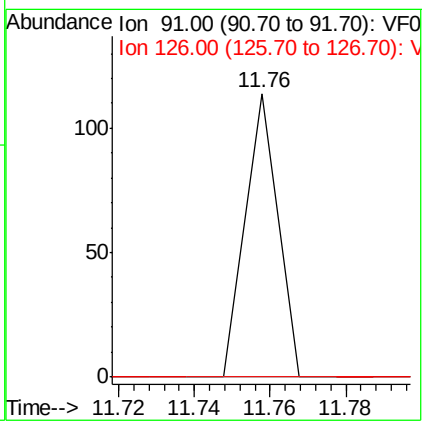


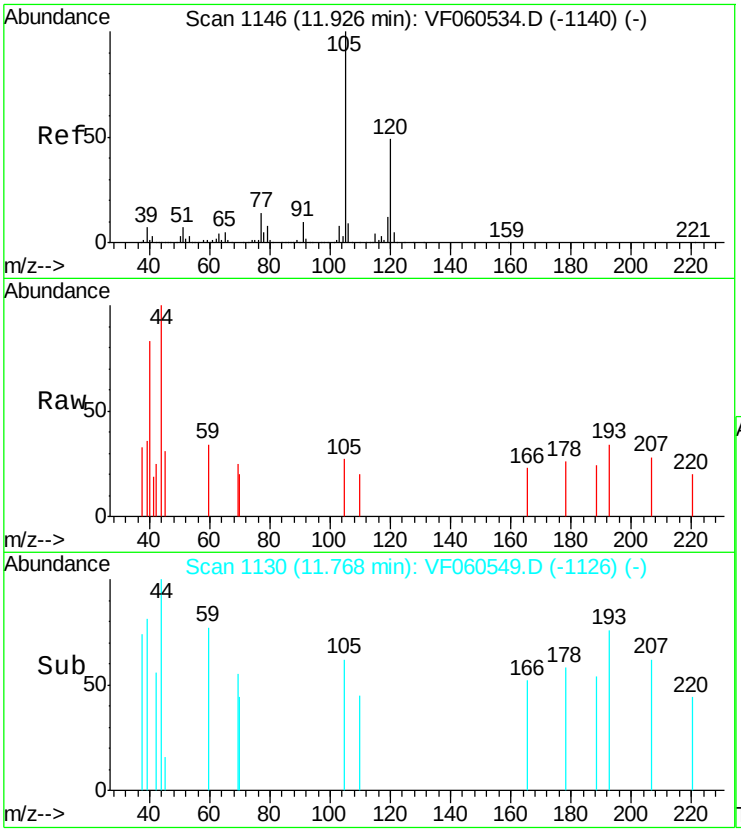


#79
2-Chlorotoluene
Concen: 15.06 ug/l
RT: 11.76 min Scan# 1129
Delta R.T. -0.06 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 91 Resp: 67

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.2	42.8#



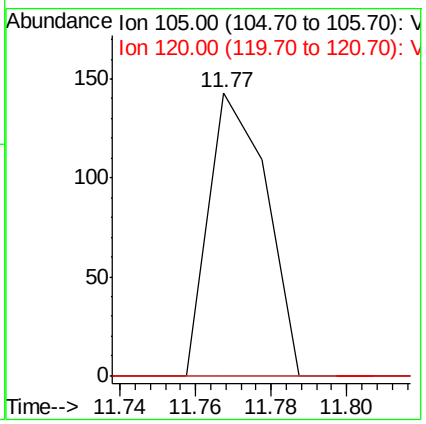


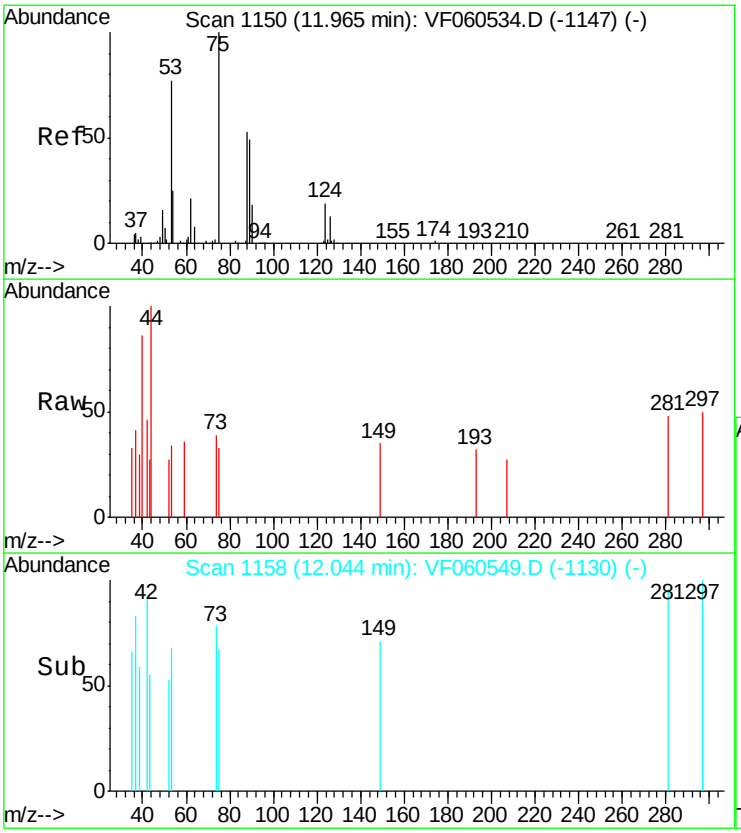
#80
1,3,5-Trimethylbenzene
Concen: 27.51 ug/l
RT: 11.77 min Scan# 1130
Delta R.T. -0.16 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:105 Resp: 149

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.3	73.0#

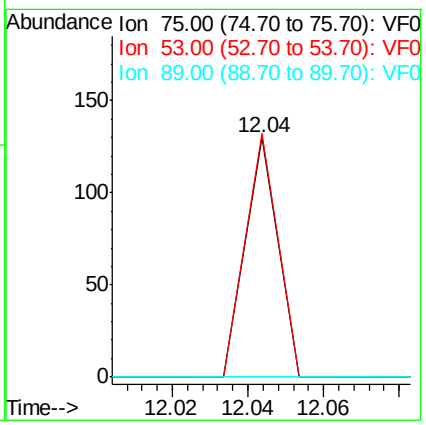


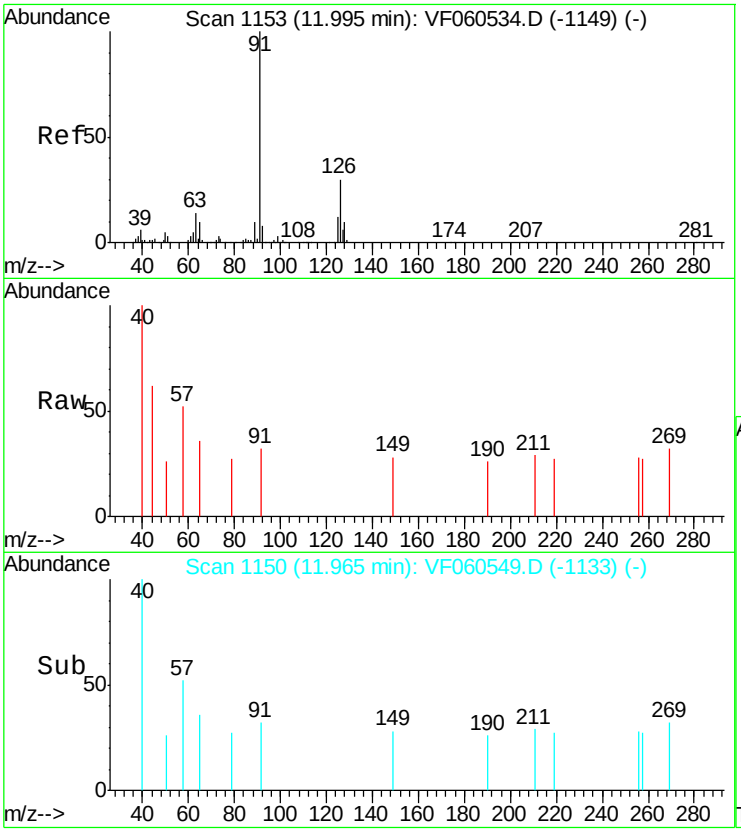


#81
trans-1,4-Dichloro-2-butene
Concen: 224.05 ug/l
RT: 12.04 min Scan# 1158
Delta R.T. 0.08 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 75 Resp: 77

Ion	Ratio	Lower	Upper
75	100		
53	101.5	65.8	98.6#
89	0.0	44.0	66.0#



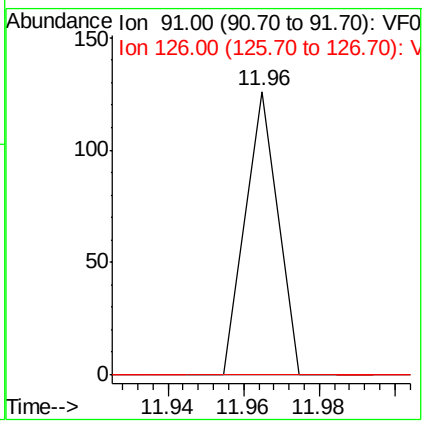


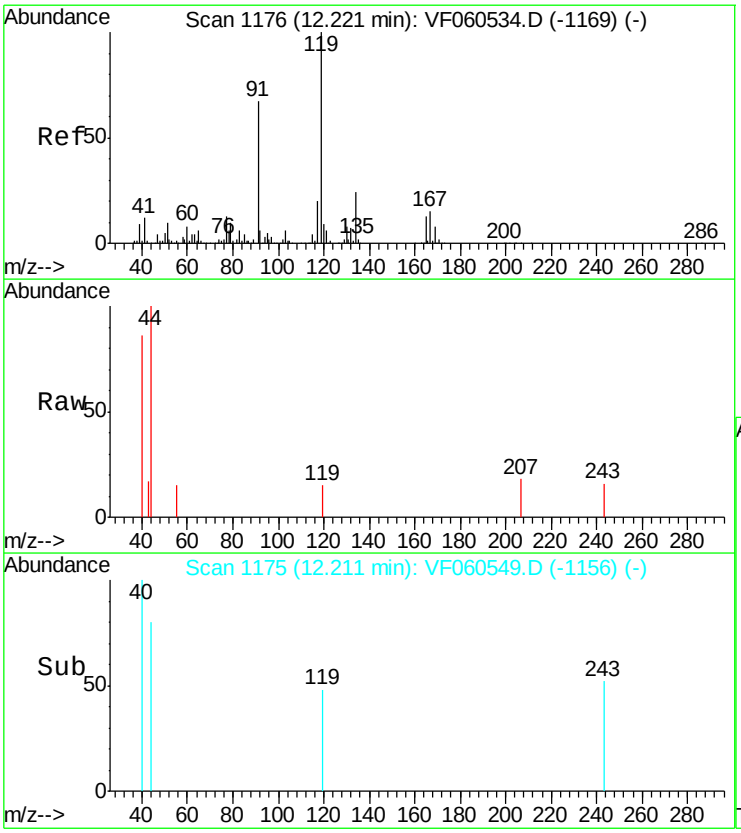
#82
4-Chlorotoluene
Concen: 16.26 ug/l
RT: 11.96 min Scan# 1150
Delta R.T. -0.03 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 91 Resp: 75

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.1	45.3#

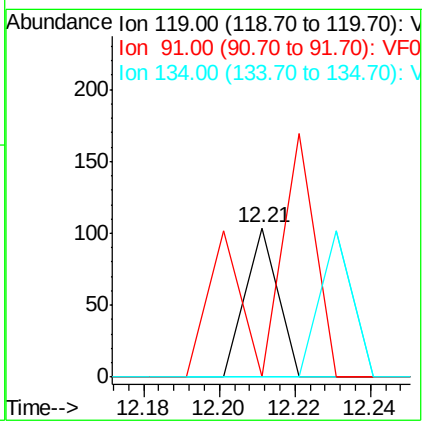


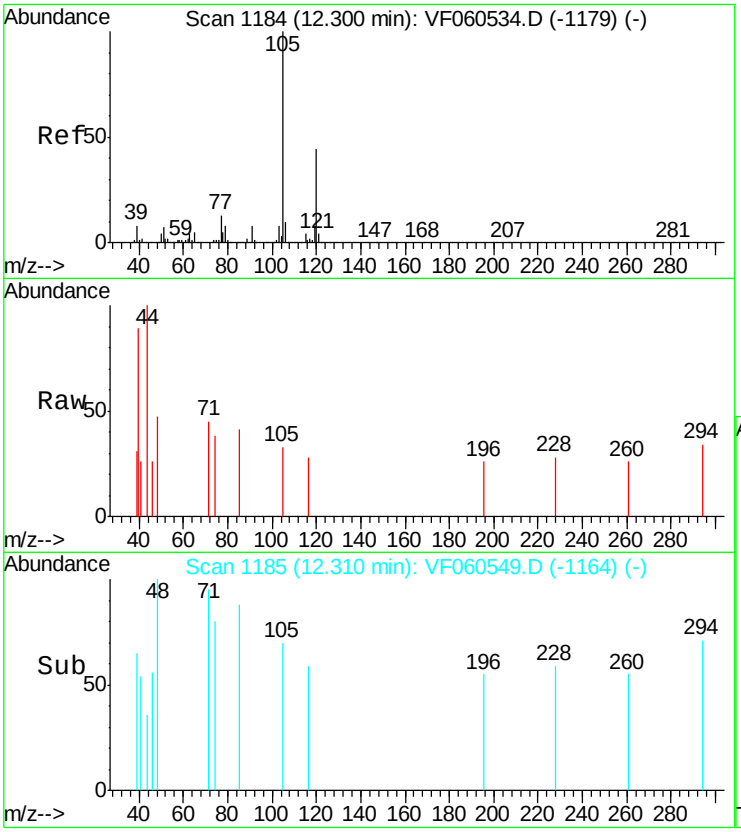


#83
tert-Butylbenzene
Concen: 11.81 ug/l
RT: 12.21 min Scan# 1175
Delta R.T. -0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion:119 Resp: 62

Ion	Ratio	Lower	Upper
119	100		
91	0.0	33.6	100.8#
134	0.0	12.0	36.0#



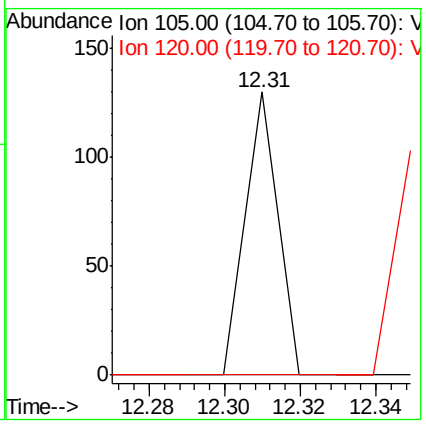


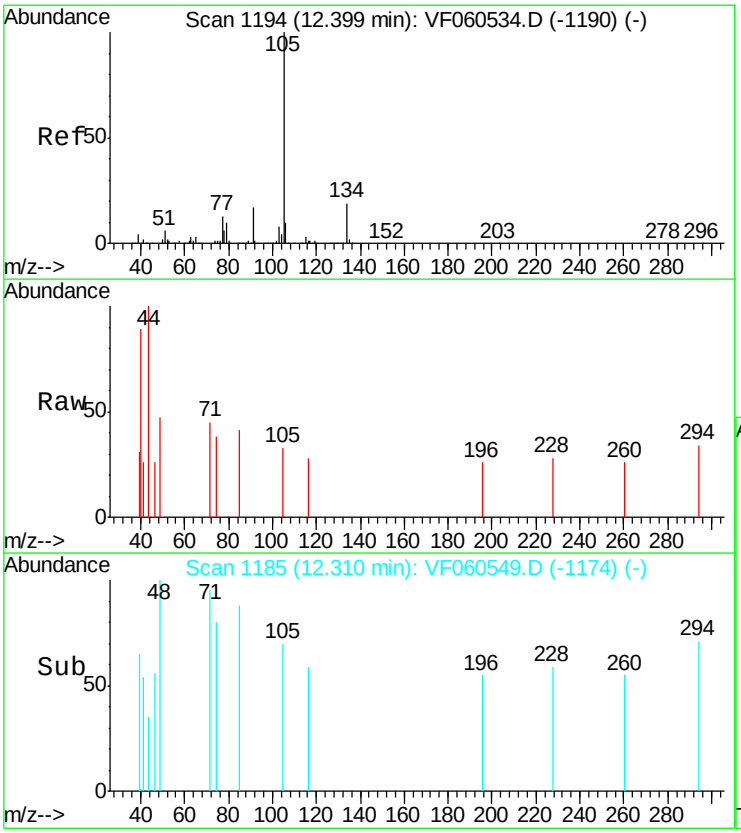
#84
1,2,4-Trimethylbenzene
Concen: 14.00 ug/l
RT: 12.31 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:105 Resp: 77

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.0	66.0#

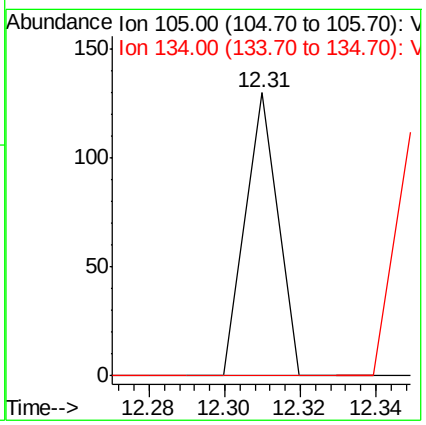


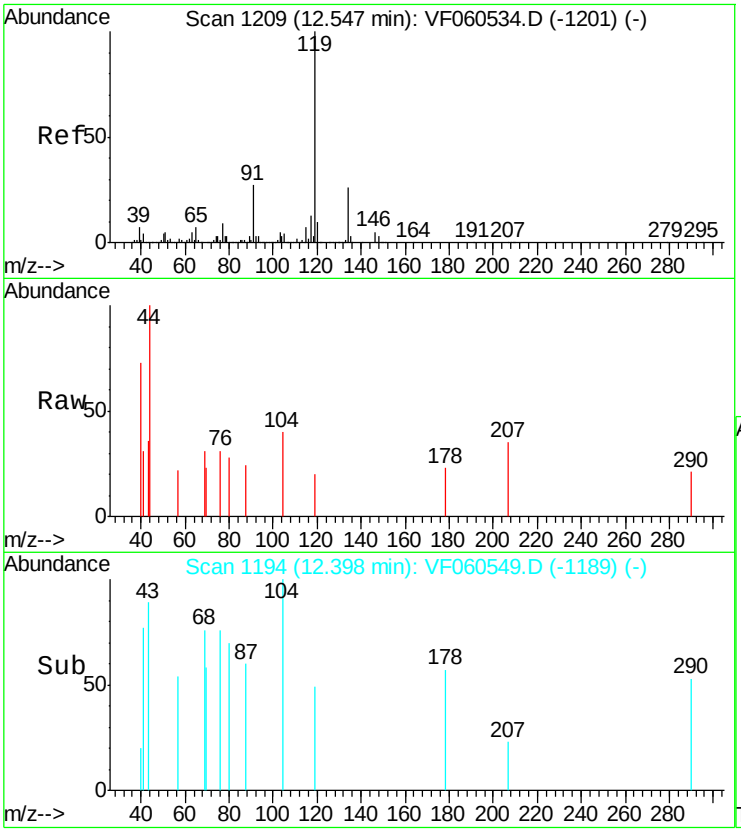


#85
sec-Butylbenzene
Concen: 10.47 ug/l
RT: 12.31 min Scan# 1185
Delta R.T. -0.09 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion:105 Resp: 77

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.6	28.6#



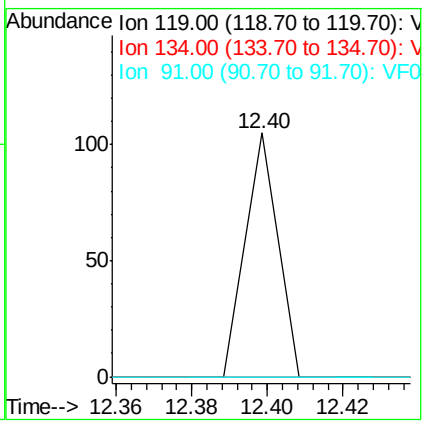


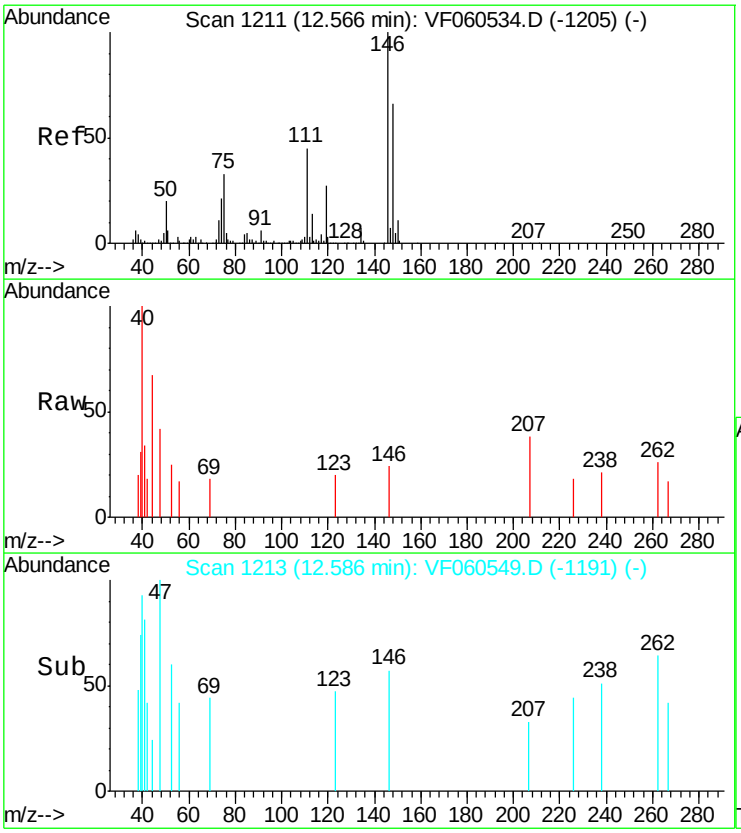
#86
p-Isopropyltoluene
Concen: 10.27 ug/l
RT: 12.40 min Scan# 1194
Delta R.T. -0.15 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:119 Resp: 62

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.1	39.1#
91	0.0	13.5	40.4#

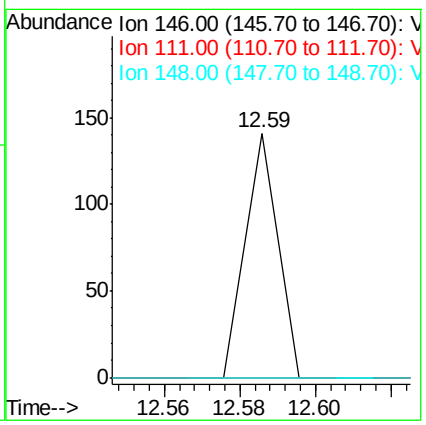


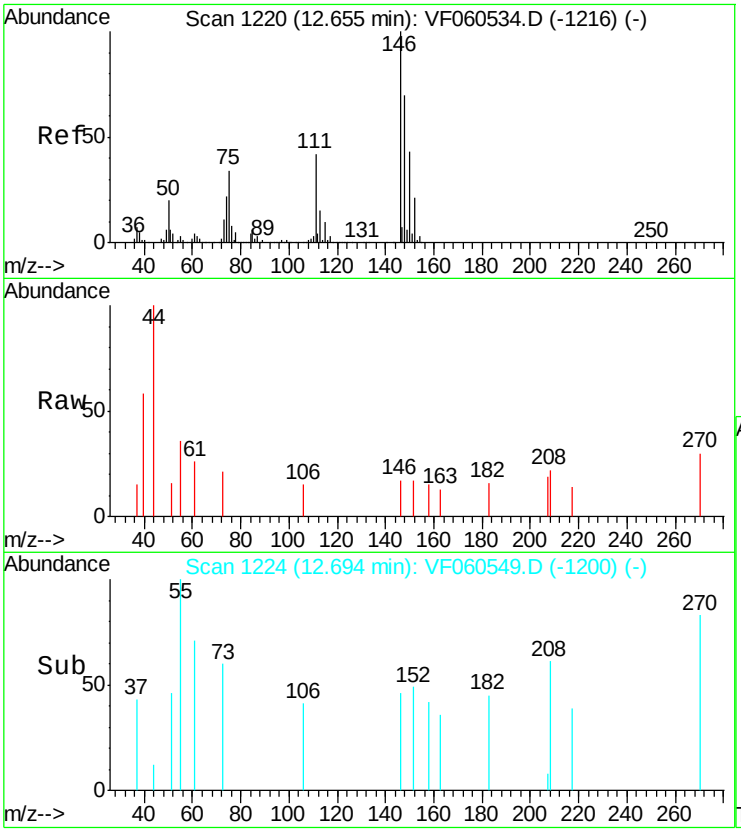


#87
1,3-Dichlorobenzene
Concen: 30.15 ug/l
RT: 12.59 min Scan# 1213
Delta R.T. 0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion:146 Resp: 83

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.6	67.7#
148	0.0	33.1	99.3#



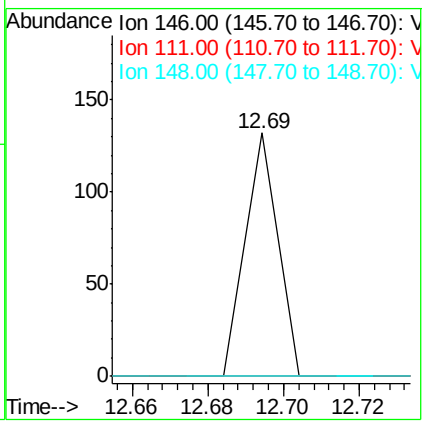


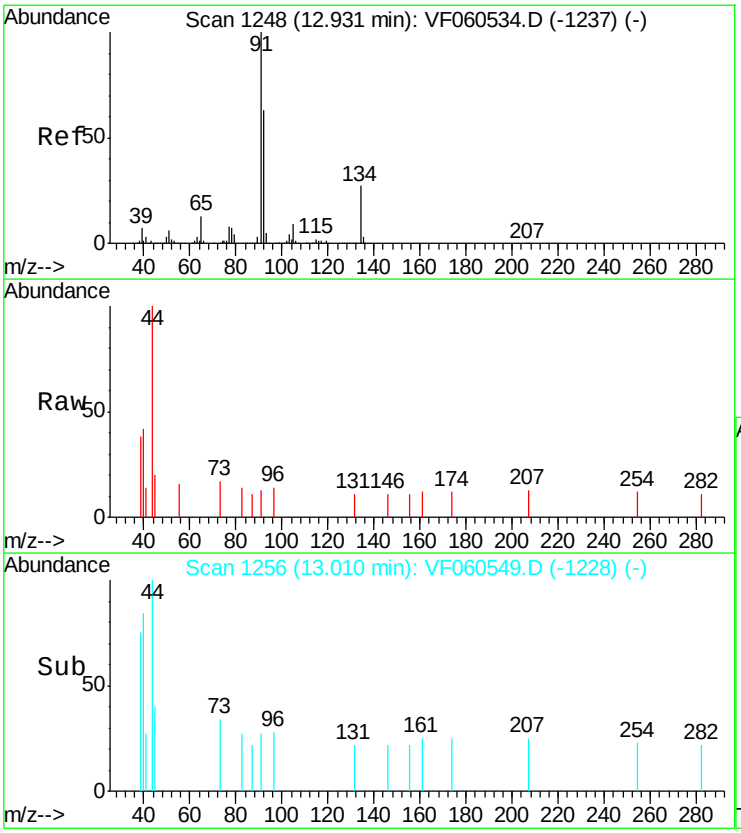
#88
1,4-Dichlorobenzene
Concen: 30.02 ug/l
RT: 12.69 min Scan# 1224
Delta R.T. 0.04 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:146 Resp: 78

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.2	63.6#
148	0.0	35.1	105.5#

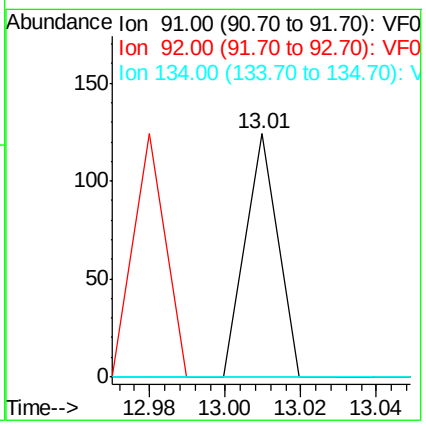


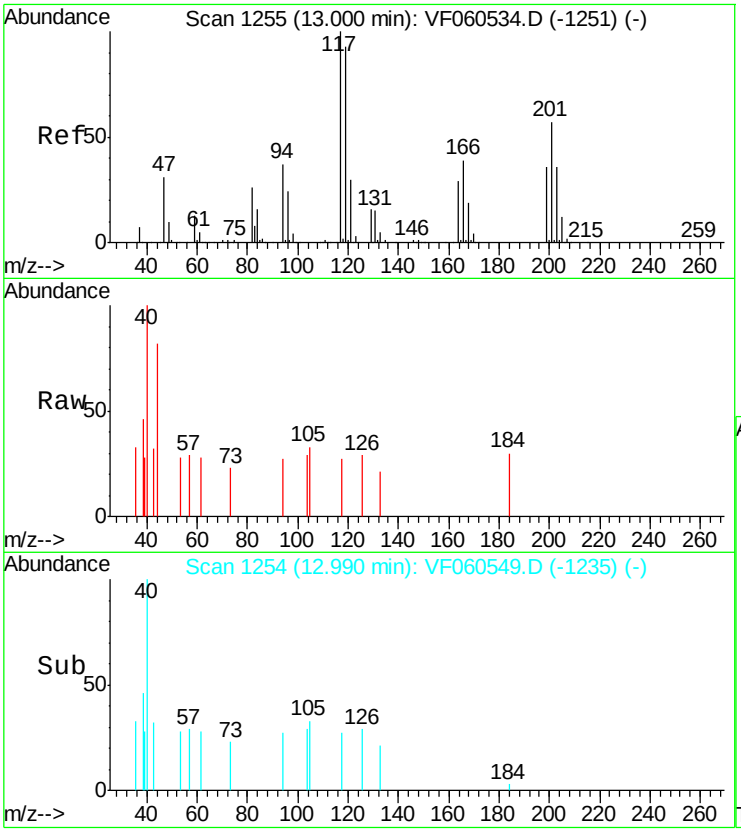


#89
n-Butylbenzene
Concen: 7.41 ug/l
RT: 13.01 min Scan# 1256
Delta R.T. 0.08 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion: 91 Resp: 73

Ion	Ratio	Lower	Upper
91	100		
92	0.0	31.3	93.9#
134	0.0	13.3	39.8#



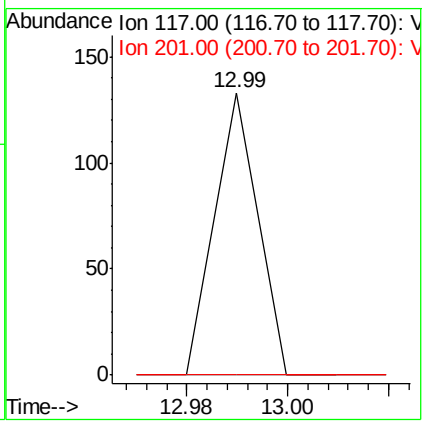


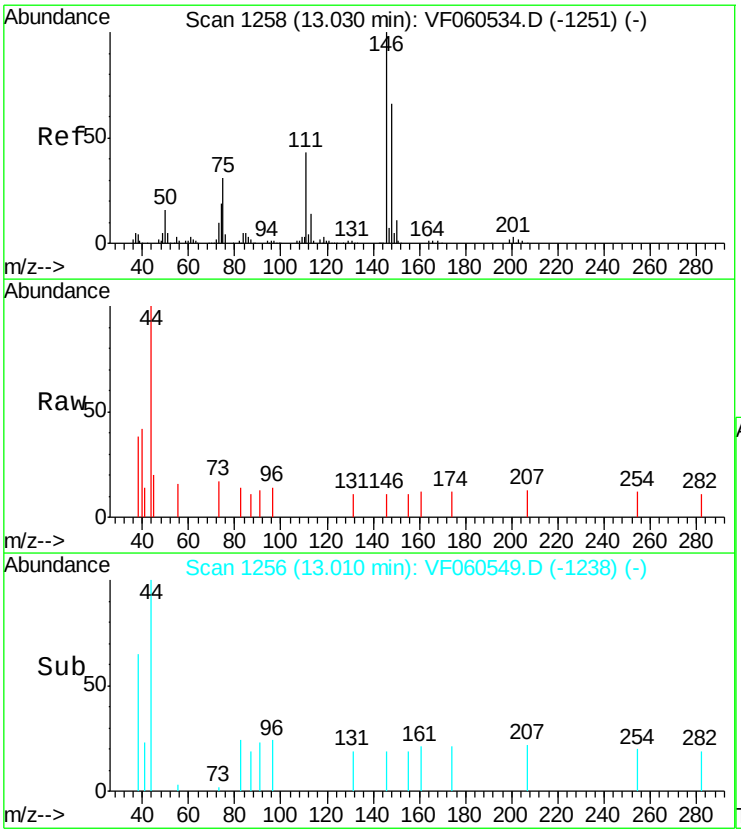
#90
Hexachloroethane
Concen: 50.70 ug/l
RT: 12.99 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:117 Resp: 79

Ion	Ratio	Lower	Upper
117	100		
201	0.0	28.2	84.7#

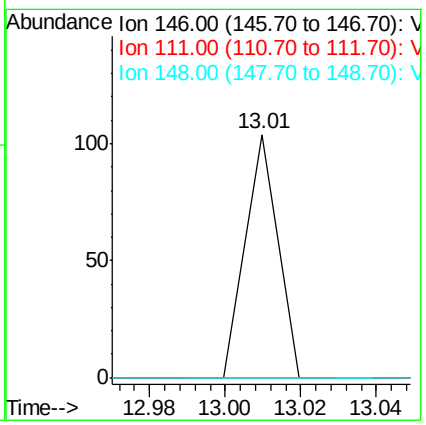


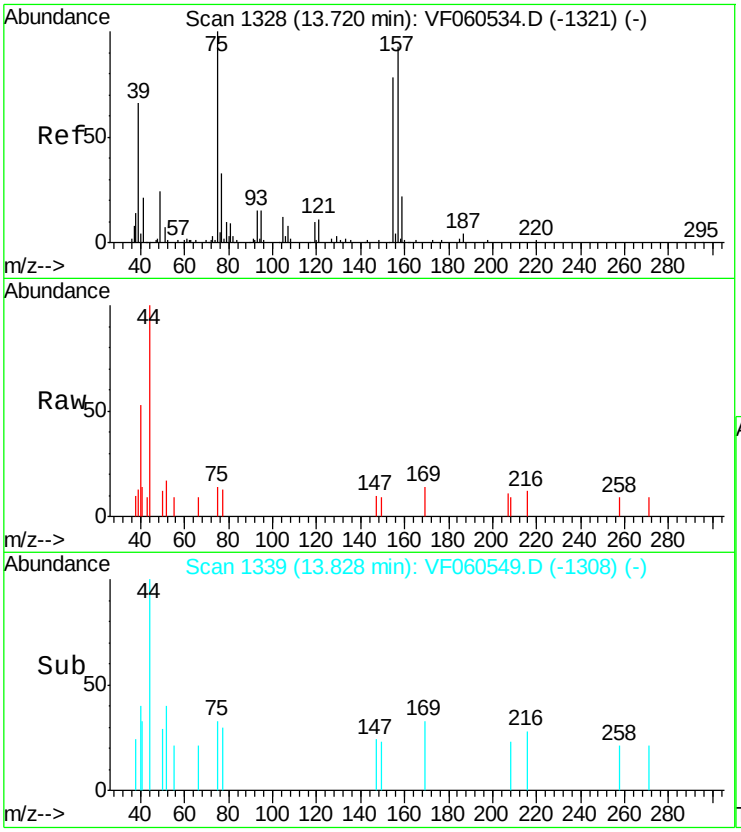


#91
1,2-Dichlorobenzene
Concen: 23.91 ug/l
RT: 13.01 min Scan# 1256
Delta R.T. -0.02 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion:146 Resp: 62

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.5	64.5#
148	0.0	33.1	99.5#



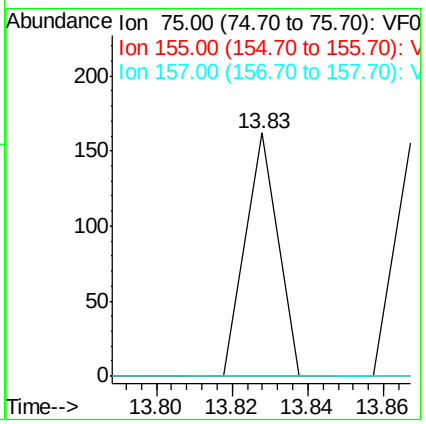


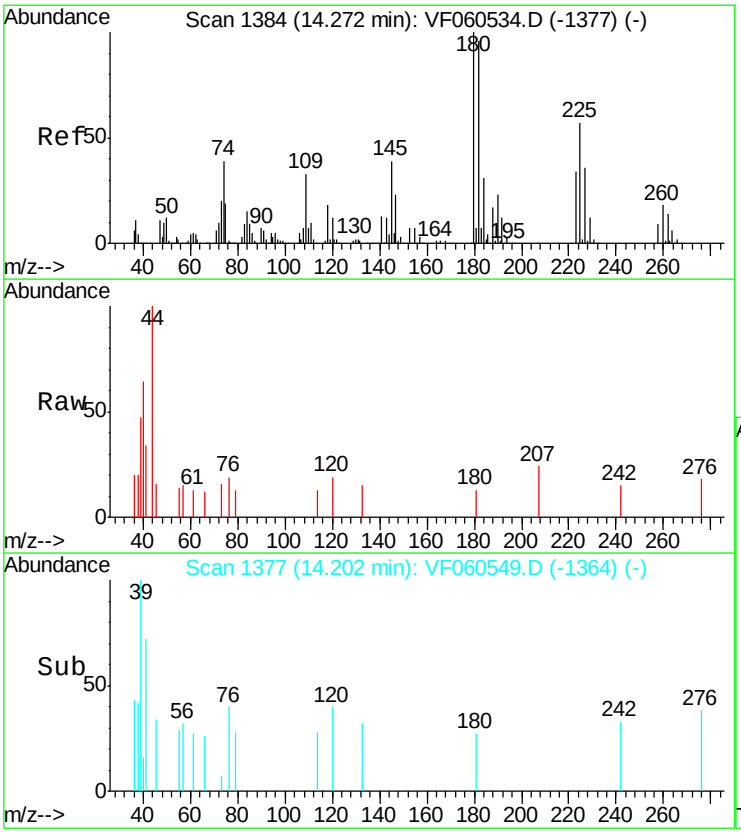
#92
1,2-Dibromo-3-Chloropropane
Concen: 442.65 ug/l
RT: 13.83 min Scan# 1339
Delta R.T. 0.11 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 75 Resp: 96

Ion	Ratio	Lower	Upper
75	100		
155	0.0	40.8	122.5#
157	0.0	46.5	139.5#

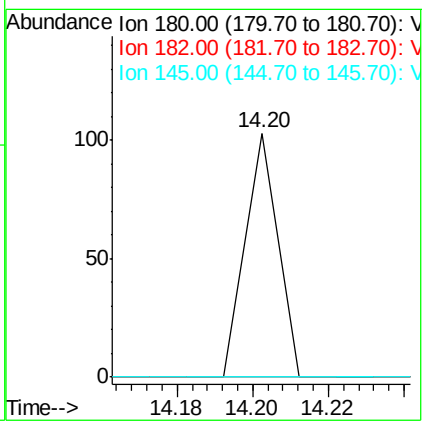


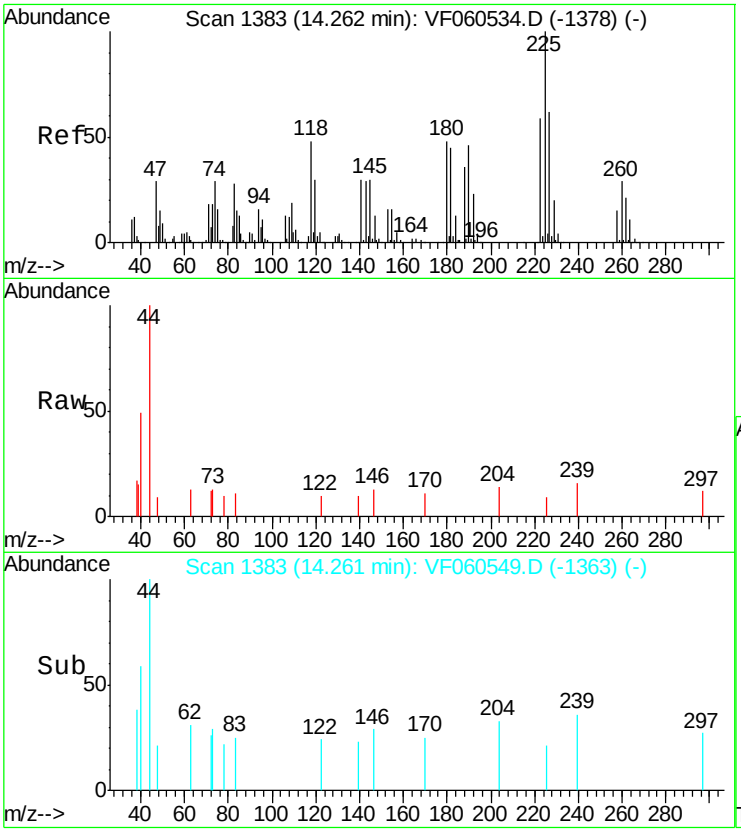


#93
1,2,4-Trichlorobenzene
Concen: 31.40 ug/l
RT: 14.20 min Scan# 1377
Delta R.T. -0.07 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion:180 Resp: 61

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.3#
145	0.0	19.5	58.5#



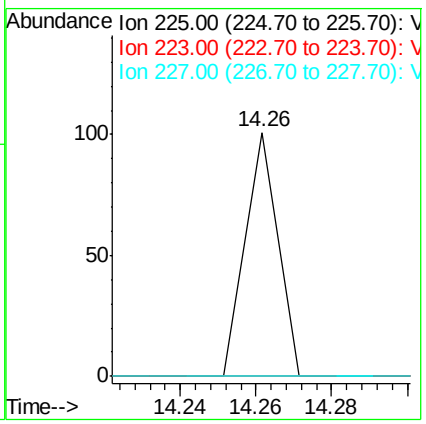


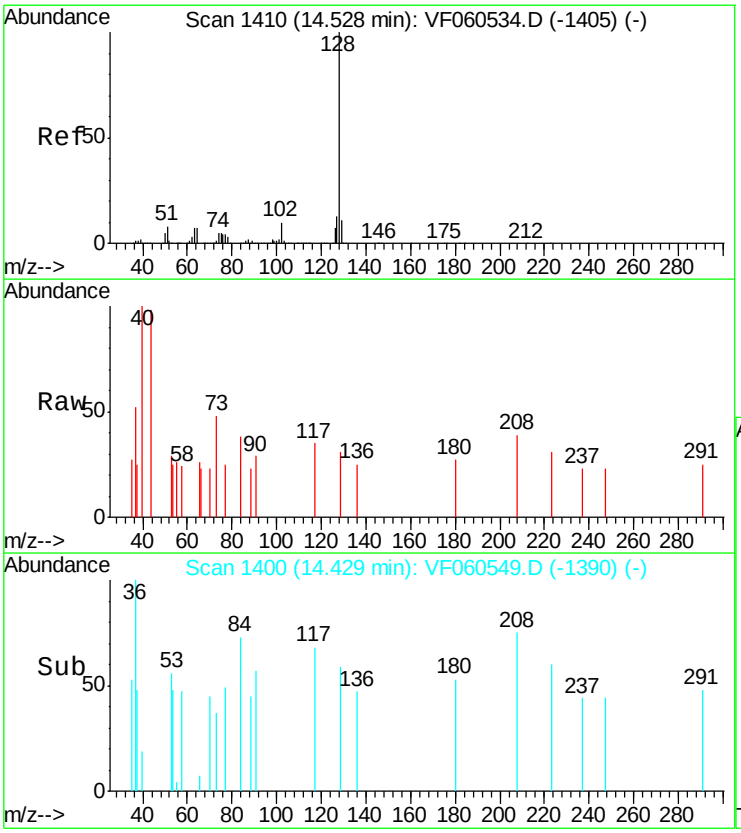
#94
Hexachlorobutadiene
Concen: 43.62 ug/l
RT: 14.26 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:225 Resp: 60

Ion	Ratio	Lower	Upper
225	100		
223	0.0	29.5	88.5#
227	0.0	31.3	93.8#





#95
Naphthalene
Concen: 23.28 ug/l
RT: 14.43 min Scan# 1400
Delta R.T. -0.10 min
Lab File: VF060549.D
Acq: 30 Oct 2018 17:17

Tgt Ion:128 Resp: 80

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	0.0	8.7	13.1#