Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030119\
Data File : VF061820.D
Acq On : 1 Mar 2019 23:37
Operator : VA/AP
Sample : K1341-09
Misc : 5.89g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Quant Time: Mar 02 02:49:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	1538	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	1463	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	729	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	96	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	85	7.54	ug/l	-0.03
Spiked Amount 50.000			Recovery = 15.08%			
35) Dibromofluoromethane	4.08	113	88	8.10	ug/l	-0.04
Spiked Amount 50.000			Recovery = 16.20%			
50) Toluene-d8	7.55	98	959	30.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.42%			
62) 4-Bromofluorobenzene	11.41	95	711	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.52%			
Target Compounds						Qvalue
3) Chloromethane	1.11	50	93	5.018	ug/l #	42
4) Vinyl Chloride	1.14	62	75	4.353	ug/l #	40
5) Bromomethane	1.30	94	323	27.242	ug/l #	3
6) Chloroethane	1.42	64	81	9.541	ug/l #	28
8) Diethyl Ether	1.55	74	67	12.795	ug/l	90
10) Methyl Iodide	1.86	142	86	3.003	ug/l #	39
11) Tert butyl alcohol	2.68	59	82	125.628	ug/l #	1
12) 1,1-Dichloroethene	1.79	96	63	4.780	ug/l #	1
13) Acrolein	2.03	56	244	297.432	ug/l	100
14) Allyl chloride	2.06	41	221	13.665	ug/l #	56
15) Acrylonitrile	2.95	53	152	65.652	ug/l #	1
16) Acetone	2.25	43	625	258.282	ug/l	90
17) Carbon Disulfide	1.90	76	68	1.641	ug/l #	1
18) Methyl Acetate	2.35	43	1702	312.219	ug/l	92
19) Methyl tert-butyl Ether	2.43	73	105	4.662	ug/l #	1
20) Methylene Chloride	2.19	84	70	3.031	ug/l #	1
21) trans-1,2-Dichloroethene	2.28	96	180	12.564	ug/l #	1
22) Diisopropyl ether	2.80	45	318	8.192	ug/l #	1
23) Vinyl Acetate	3.18	43	1037	54.691	ug/l #	74
24) 1,1-Dichloroethane	2.87	63	60	2.554	ug/l #	86
25) 2-Butanone	4.32	43	84	15.892	ug/l #	55
26) 2,2-Dichloropropane	3.49	77	80	8.039	ug/l #	52
27) cis-1,2-Dichloroethene	3.45	96	172	9.147	ug/l	1
29) Tetrahydrofuran	4.04	42	113	47.037	ug/l #	33
30) Chloroform	3.86	83	73	2.732	ug/l #	18
31) Cyclohexane	3.68	56	63	2.477	ug/l #	16
36) 1,1-Dichloropropene	4.29	75	74	5.106	ug/l #	37
37) Ethyl Acetate	4.10	43	71	10.547	ug/l #	30
40) Benzene	4.51	78	77	2.031	ug/l #	52
41) Methacrylonitrile	4.72	41	60	17.429	ug/l #	25
43) Isopropyl Acetate	6.94	43	73	9.162	ug/l #	43
45) 1,2-Dichloropropane	6.05	63	71	7.748	ug/l #	44
48) Methyl methacrylate	6.72	41	92	19.186	ug/l #	17
51) 4-Methyl-2-Pentanone	8.20	43	166	29.156	ug/l #	34

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030119\
Data File : VF061820.D
Acq On : 1 Mar 2019 23:37
Operator : VA/AP
Sample : K1341-09
Misc : 5.89g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Quant Time: Mar 02 02:49:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) t-1,3-Dichloropropene	8.07	75	73	7.099	ug/l	#	42
56) Ethyl methacrylate	8.59	69	62	8.244	ug/l	#	1
58) 2-Chloroethyl Vinyl ether	7.28	63	60	46.240	ug/l	#	44
59) 2-Hexanone	9.44	43	77	19.294	ug/l	#	23
60) Dibromochloromethane	8.62	129	62	6.594	ug/l	#	12
65) Chlorobenzene	9.91	112	67	4.529	ug/l	#	42
67) Ethyl Benzene	9.89	91	1014	41.218	ug/l	#	86
68) m/p-Xylenes	10.13	106	976	103.664	ug/l		83
69) o-Xylene	10.70	106	923	91.874	ug/l		95
70) Styrene	10.64	104	66	4.644	ug/l	#	32
73) Isopropylbenzene	11.12	105	966	141.331	ug/l		95
74) N-amyl acetate	11.48	43	658	401.080	ug/l	#	10
75) 1,1,2,2-Tetrachloroethane	11.66	83	723	590.436	ug/l	#	1
78) n-propylbenzene	11.59	91	1968	250.912	ug/l		87
79) 2-Chlorotoluene	11.71	91	680	154.803	ug/l	#	36
80) 1,3,5-Trimethylbenzene	11.81	105	1728	316.321	ug/l		97
82) 4-Chlorotoluene	11.86	91	154	33.777	ug/l	#	37
83) tert-Butylbenzene	12.12	119	170	28.096	ug/l	#	65
84) 1,2,4-Trimethylbenzene	12.20	105	1031	189.968	ug/l		93
85) sec-Butylbenzene	12.31	105	1342	171.514	ug/l	#	69
86) p-Isopropyltoluene	12.46	119	624	95.026	ug/l		85
89) n-Butylbenzene	12.92	91	76	12.257	ug/l	#	28
95) Naphthalene	14.47	128	68	17.318	ug/l	#	69

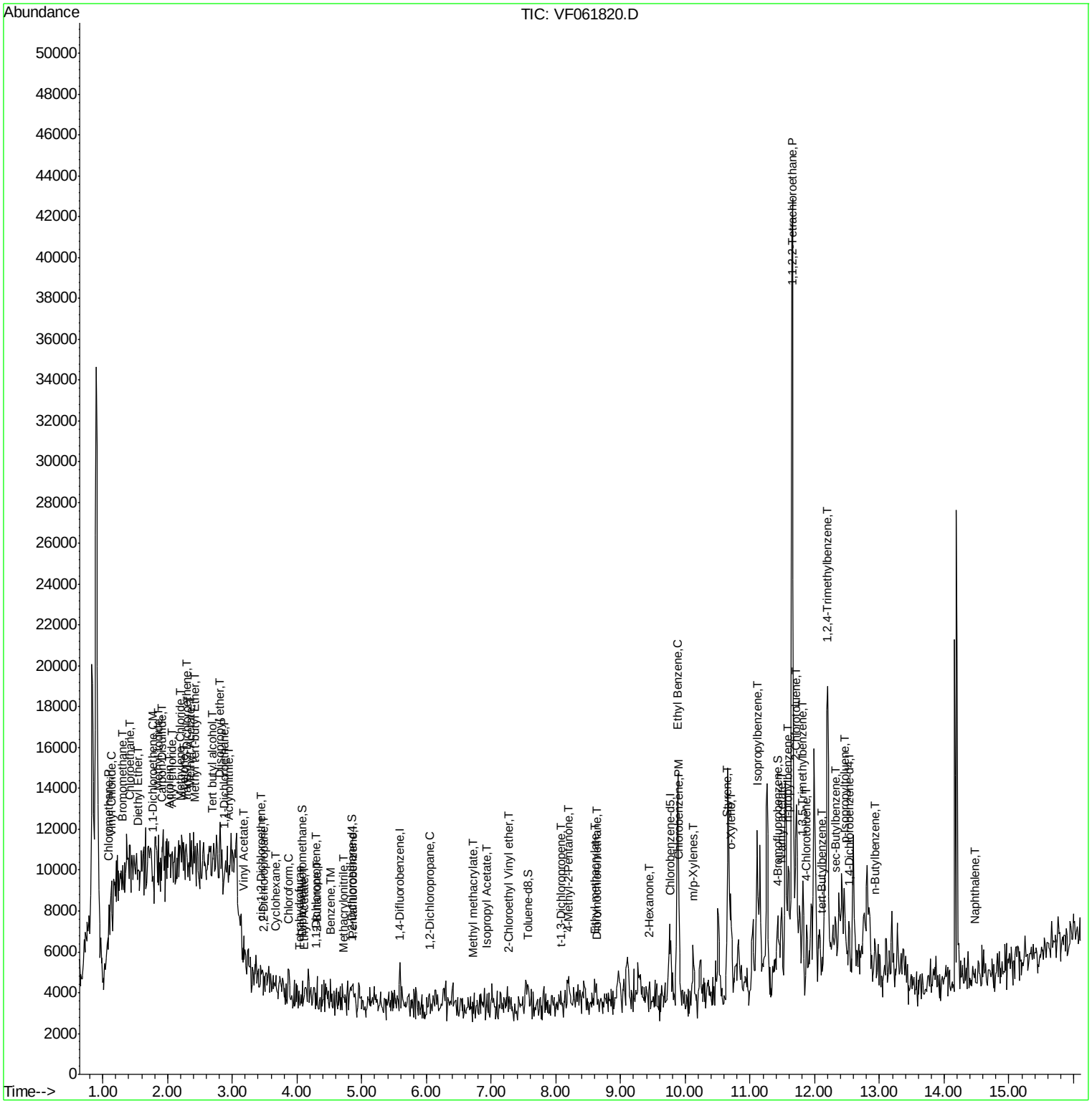
(#) = qualifier out of range (m) = manual integration (+) = signals summed

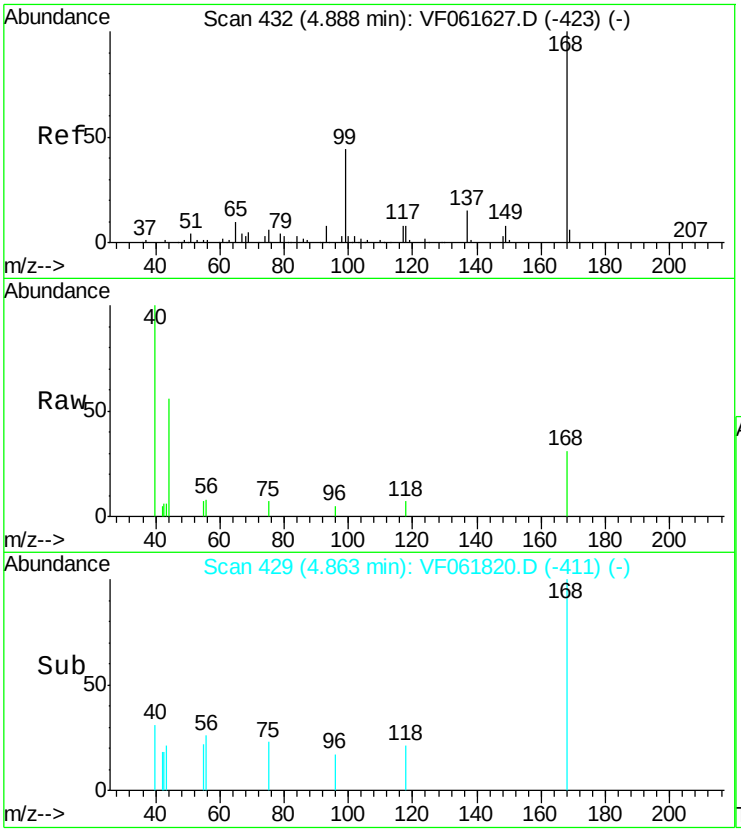
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030119\
Data File : VF061820.D
Acq On : 1 Mar 2019 23:37
Operator : VA/AP
Sample : K1341-09
Misc : 5.89g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Quant Time: Mar 02 02:49:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration



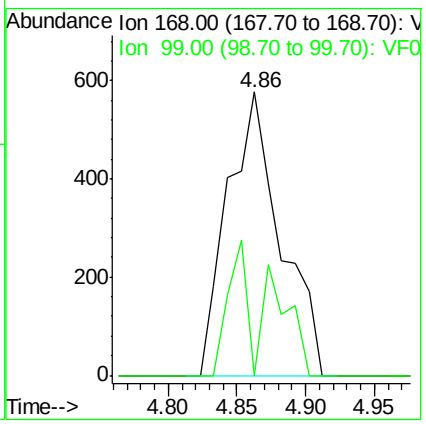


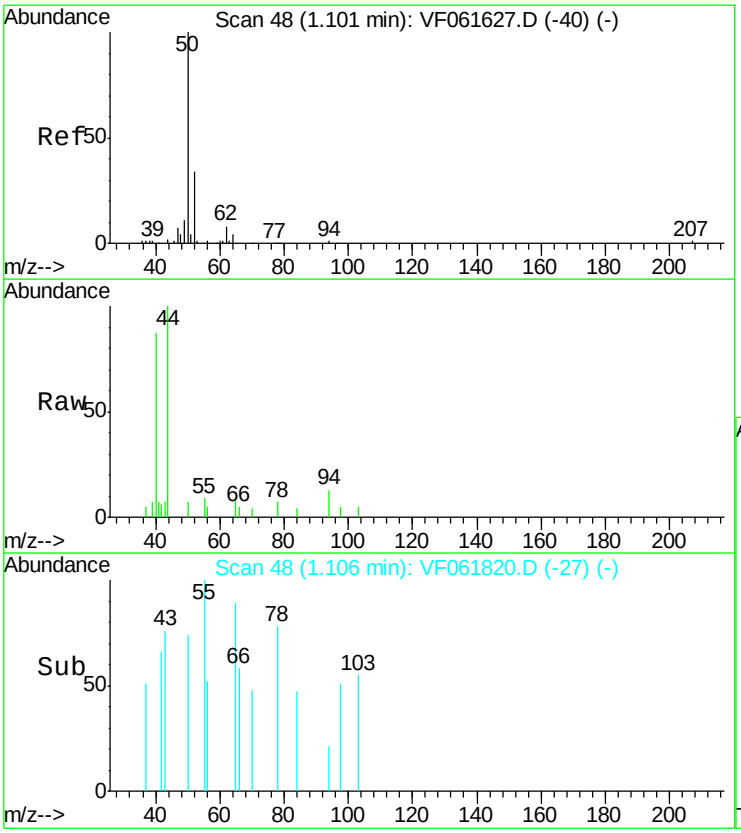
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.03 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion:168 Resp: 1538

Ion	Ratio	Lower	Upper
168	100		
99	0.0	34.9	52.3#

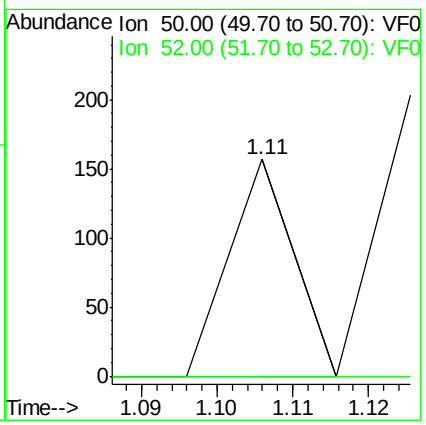


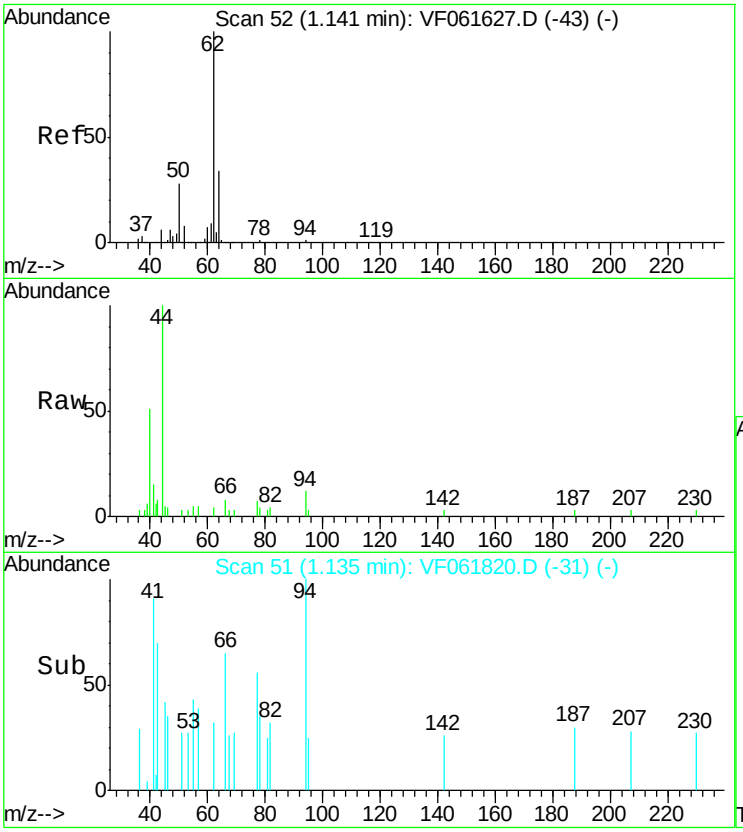


#3
Chloromethane
Concen: 5.018 ug/l
RT: 1.11 min Scan# 48
Delta R.T. 0.00 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 50 Resp: 93

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.2	39.4#



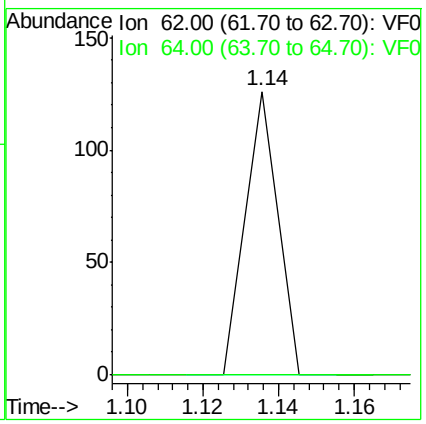


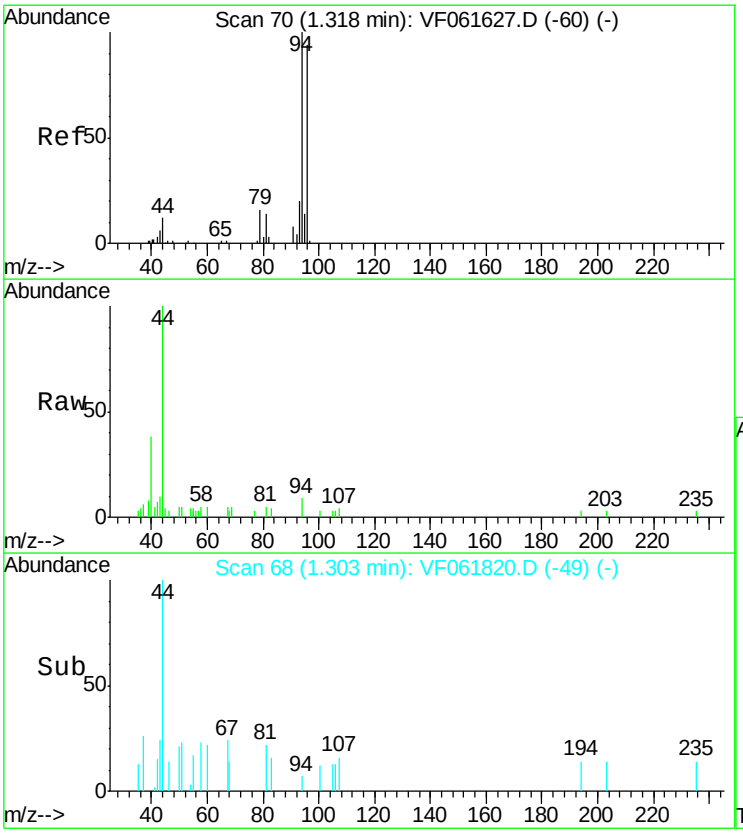
#4
Vinyl Chloride
Concen: 4.353 ug/l
RT: 1.14 min Scan# 51
Delta R.T. -0.01 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 62 Resp: 75

Ion	Ratio	Lower	Upper
62	100		
64	0.0	27.5	41.3#

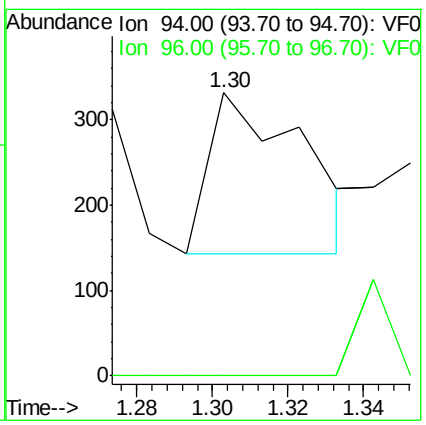


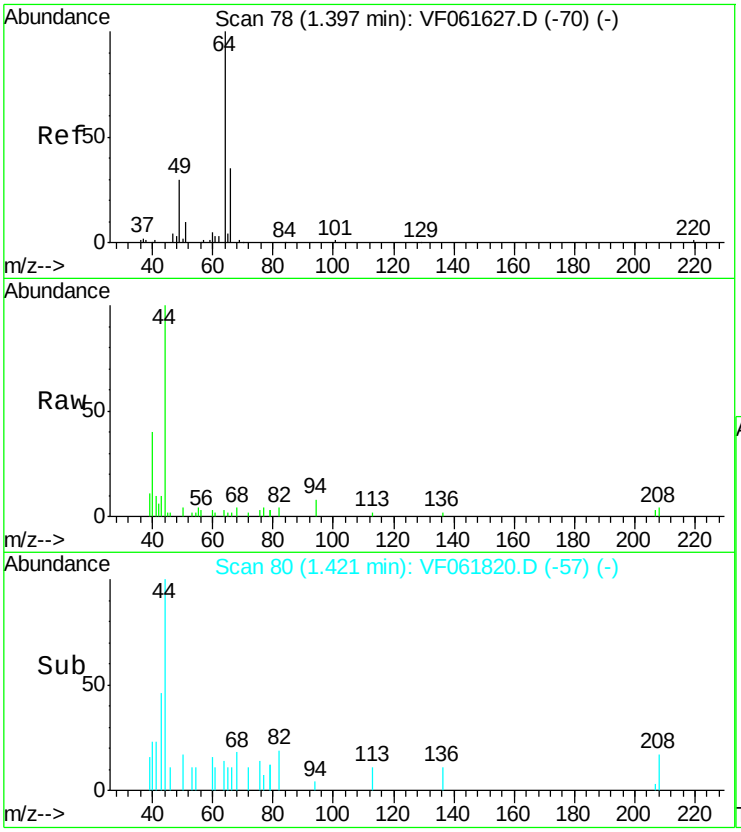


#5
Bromomethane
Concen: 27.242 ug/l
RT: 1.30 min Scan# 68
Delta R.T. -0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 94 Resp: 323

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.6	112.0#



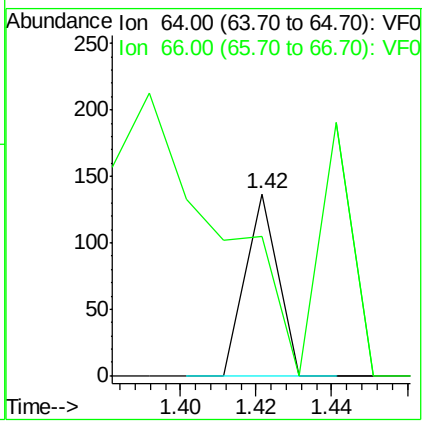


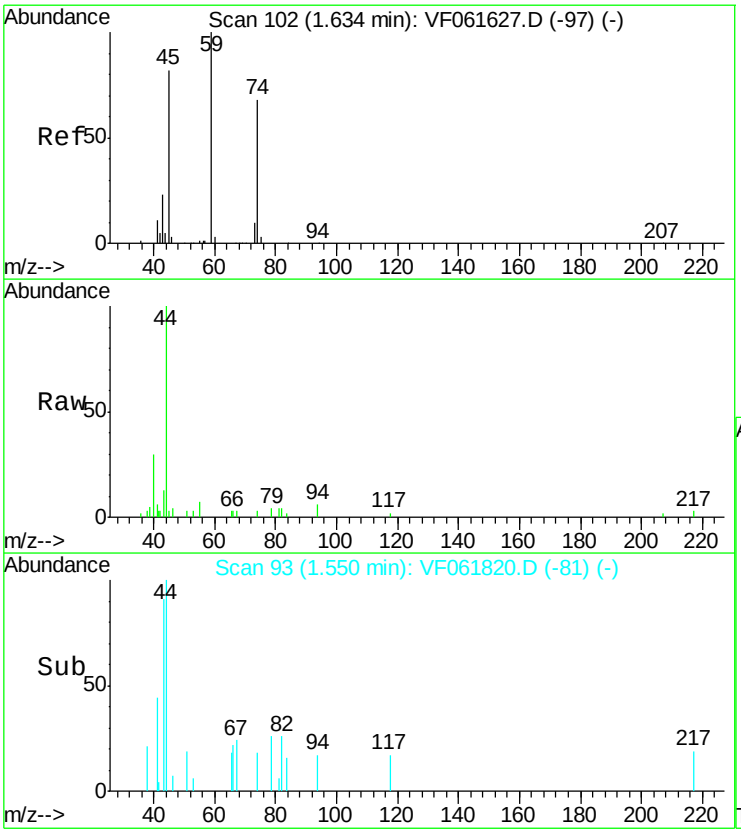
#6
Chloroethane
Concen: 9.541 ug/l
RT: 1.42 min Scan# 80
Delta R.T. 0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion: 64 Resp: 81

Ion	Ratio	Lower	Upper
64	100		
66	76.6	27.9	41.9#

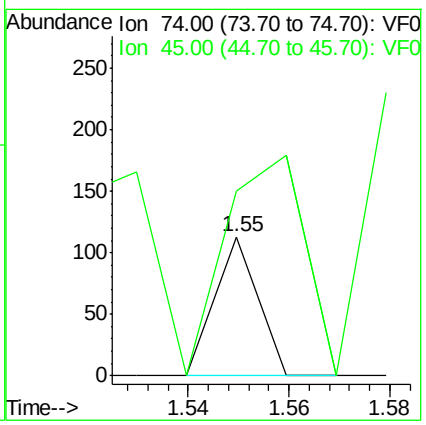


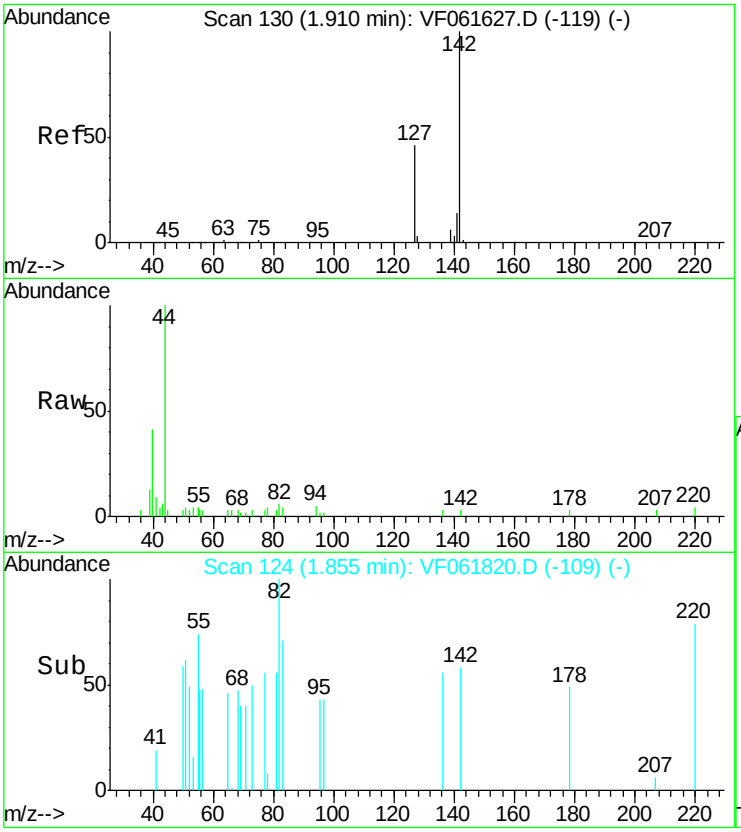


#8
Diethyl Ether
Concen: 12.795 ug/l
RT: 1.55 min Scan# 93
Delta R.T. -0.08 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 74 Resp: 67

Ion	Ratio	Lower	Upper
74	100		
45	132.7	60.8	182.3



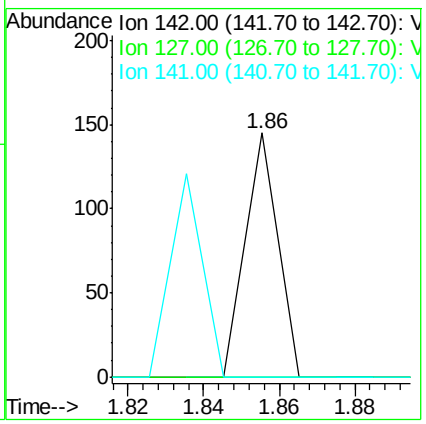


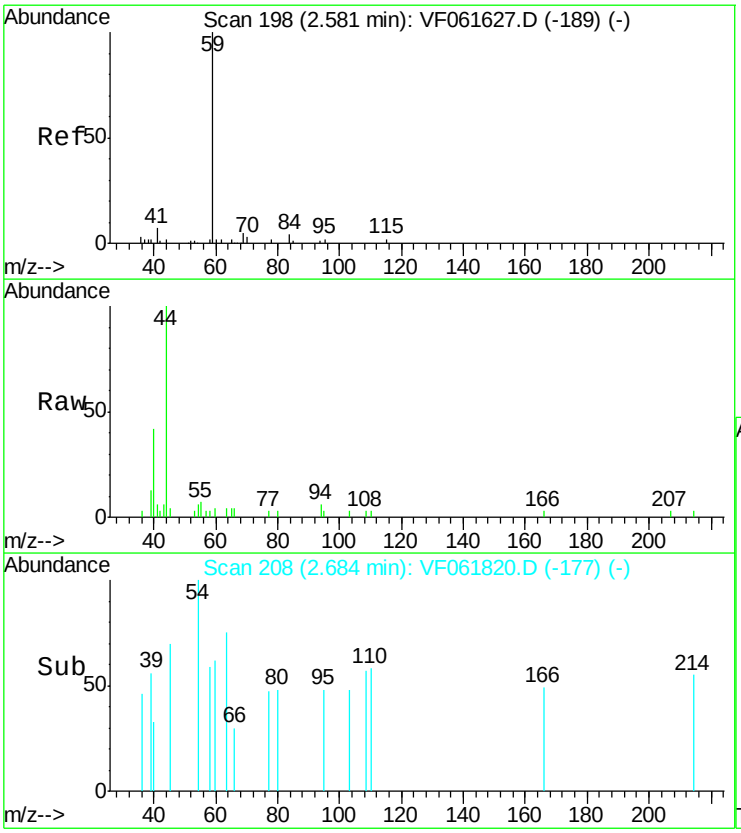
#10
Methyl Iodide
Concen: 3.003 ug/l
RT: 1.86 min Scan# 124
Delta R.T. -0.05 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion:142 Resp: 86

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.6	55.0#
141	0.0	11.0	16.6#

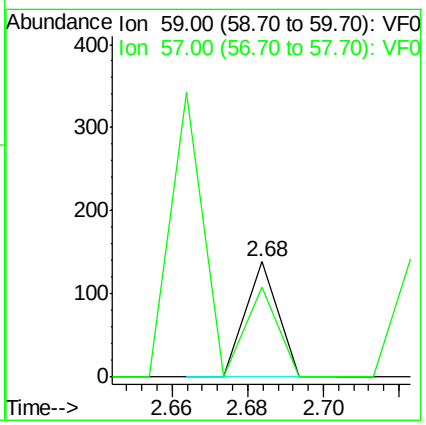


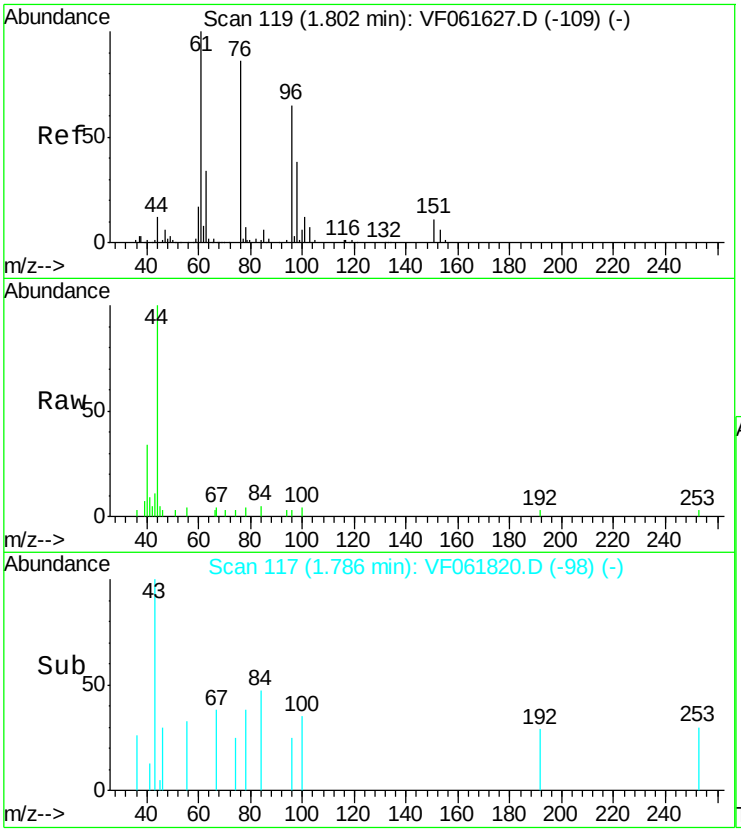


#11
Tert butyl alcohol
Concen: 125.628 ug/l
RT: 2.68 min Scan# 208
Delta R.T. 0.10 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 59 Resp: 82

Ion	Ratio	Lower	Upper
59	100		
57	77.5	12.5	18.7#



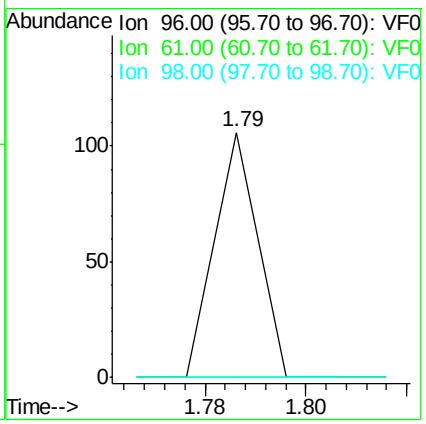


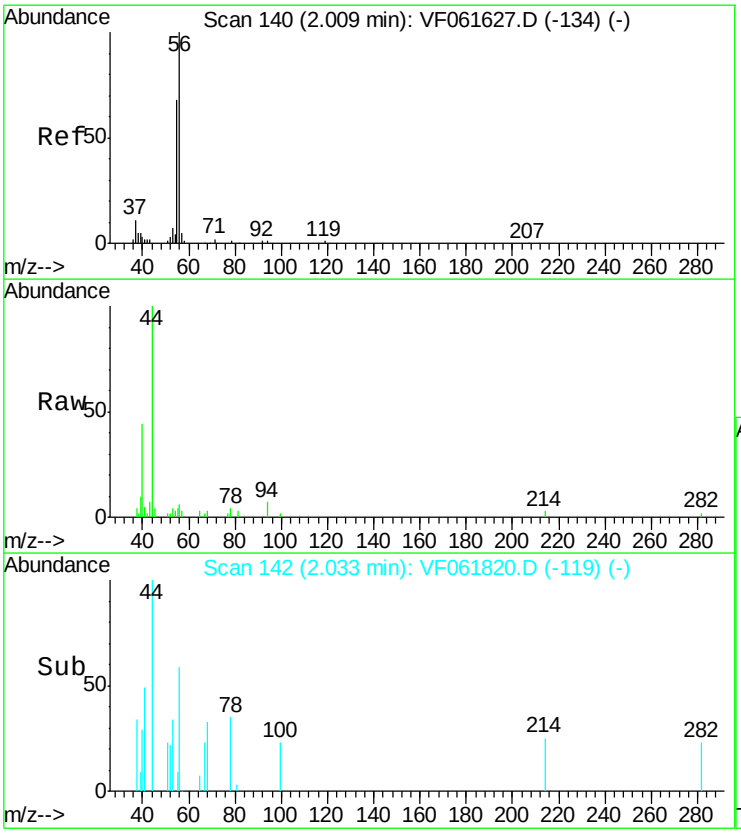
#12
1,1-Dichloroethene
Concen: 4.780 ug/l
RT: 1.79 min Scan# 117
Delta R.T. -0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 96 Resp: 63

Ion	Ratio	Lower	Upper
96	100		
61	0.0	122.6	184.0#
98	0.0	47.2	70.8#

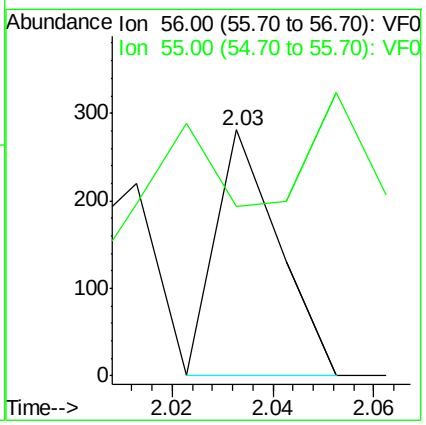


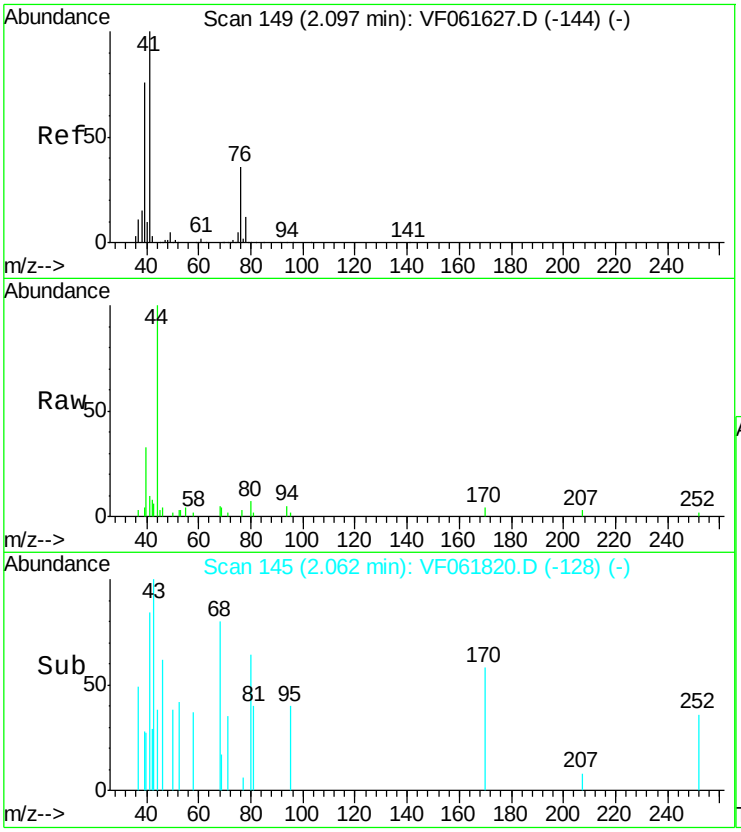


#13
Acrolein
Concen: 297.432 ug/l
RT: 2.03 min Scan# 142
Delta R.T. 0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 56 Resp: 244

Ion	Ratio	Lower	Upper
56	100		
55	69.0	55.0	82.6



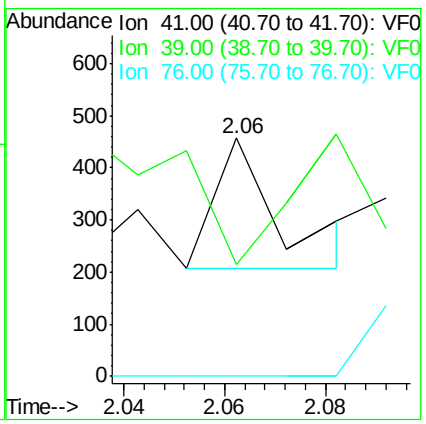


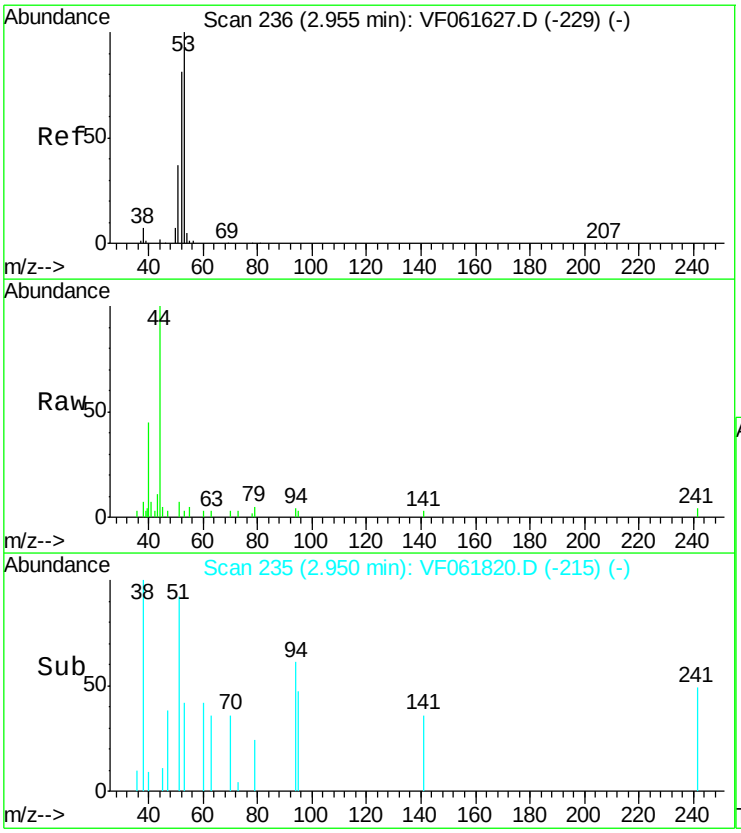
#14
Allyl chloride
Concen: 13.665 ug/l
RT: 2.06 min Scan# 145
Delta R.T. -0.04 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 41 Resp: 221

Ion	Ratio	Lower	Upper
41	100		
39	47.0	61.6	92.4#
76	0.0	30.3	45.5#

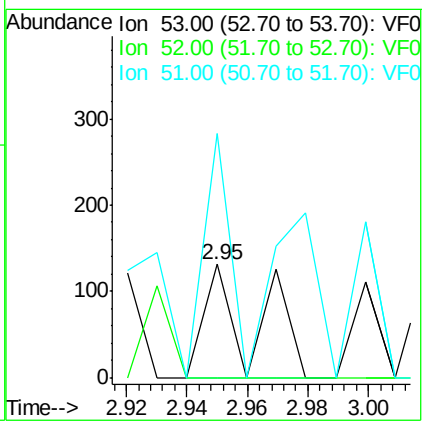


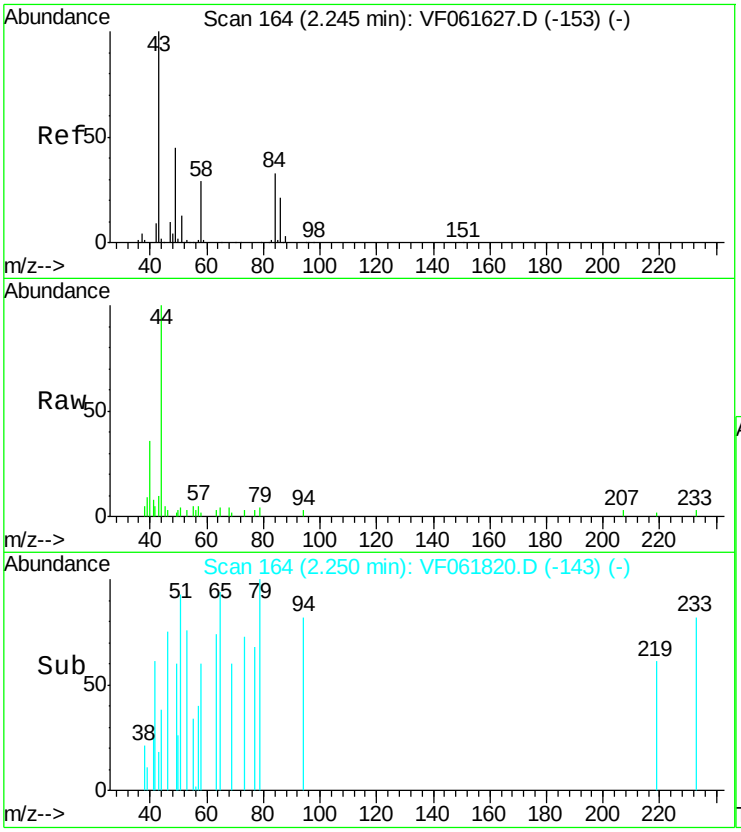


#15
Acrylonitrile
Concen: 65.652 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.01 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 53 Resp: 152

Ion	Ratio	Lower	Upper
53	100		
52	0.0	64.6	97.0#
51	216.0	29.8	44.8#



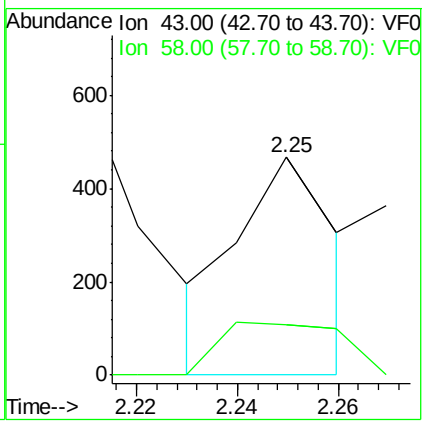


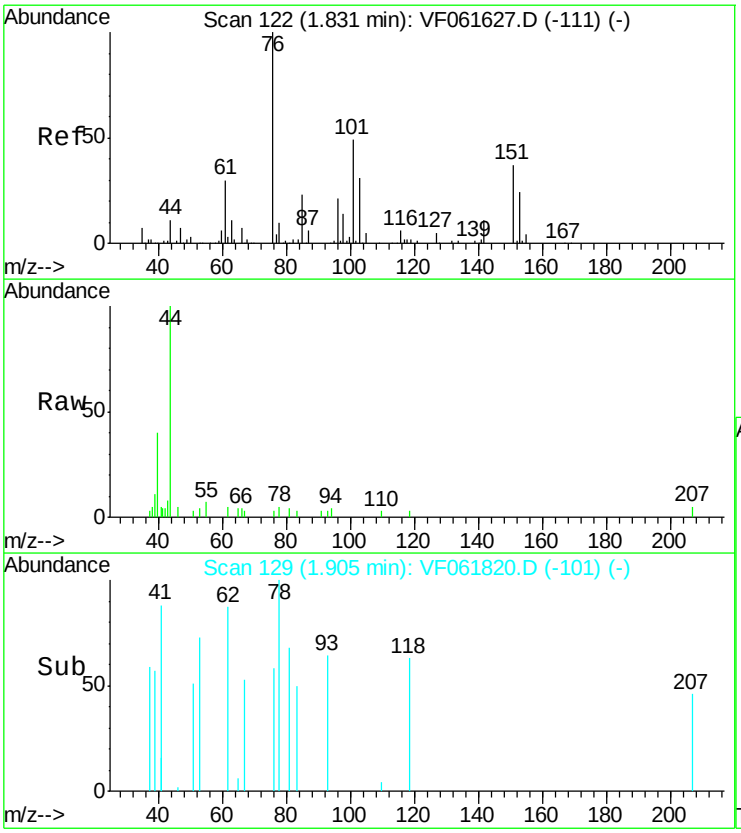
#16
Acetone
Concen: 258.282 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.00 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion: 43 Resp: 625

Ion	Ratio	Lower	Upper
43	100		
58	23.1	22.9	34.3

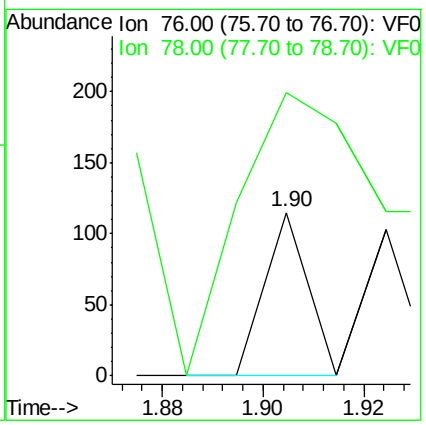


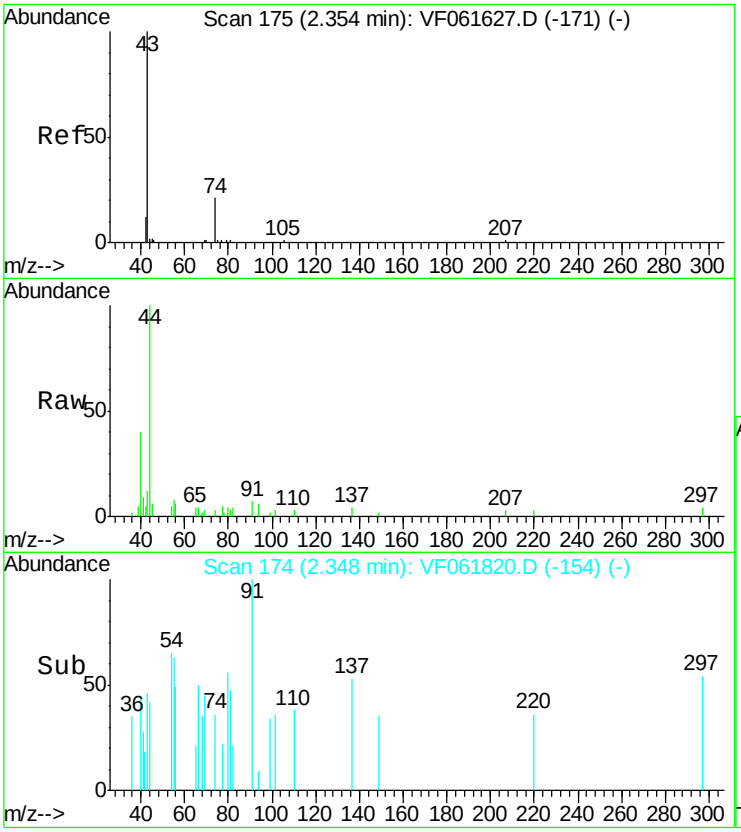


#17
Carbon Disulfide
Concen: 1.641 ug/l
RT: 1.90 min Scan# 129
Delta R.T. 0.07 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 76 Resp: 68

Ion	Ratio	Lower	Upper
76	100		
78	173.0	7.9	11.9#



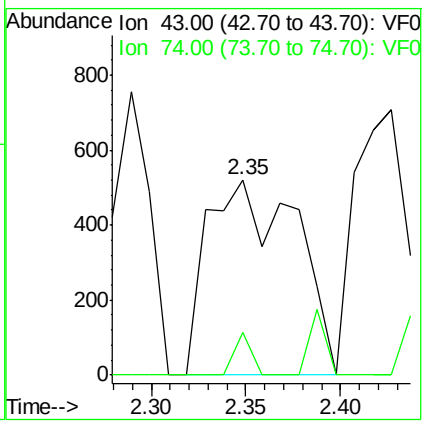


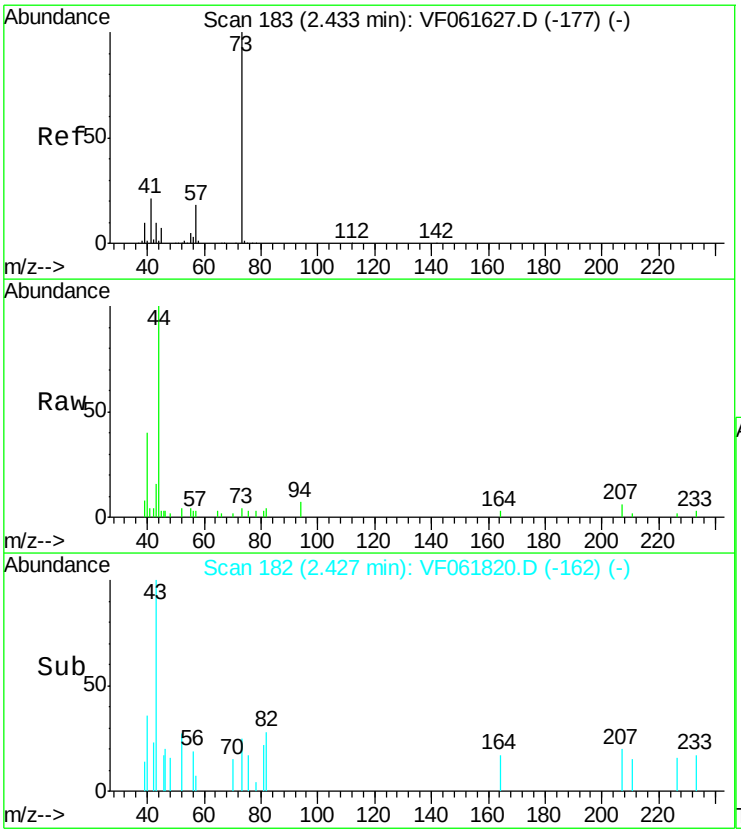
#18
Methyl Acetate
Concen: 312.219 ug/l
RT: 2.35 min Scan# 174
Delta R.T. -0.01 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 43 Resp: 1702

Ion	Ratio	Lower	Upper
43	100		
74	21.7	14.6	21.8

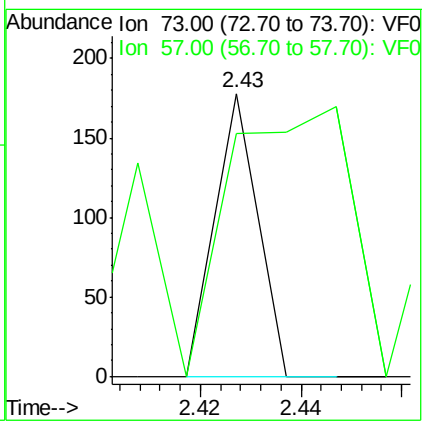


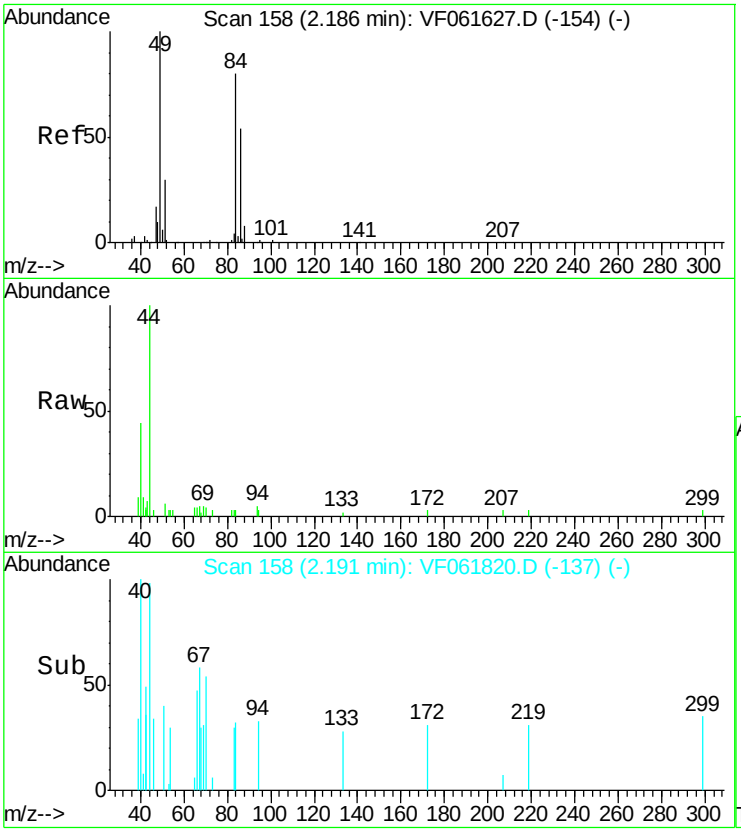


#19
Methyl tert-butyl Ether
Concen: 4.662 ug/l
RT: 2.43 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 73 Resp: 105

Ion	Ratio	Lower	Upper
73	100		
57	86.0	15.8	23.8#



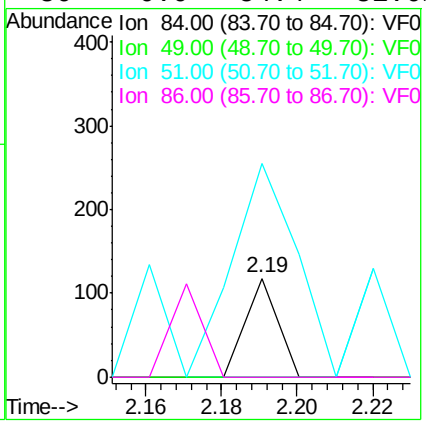


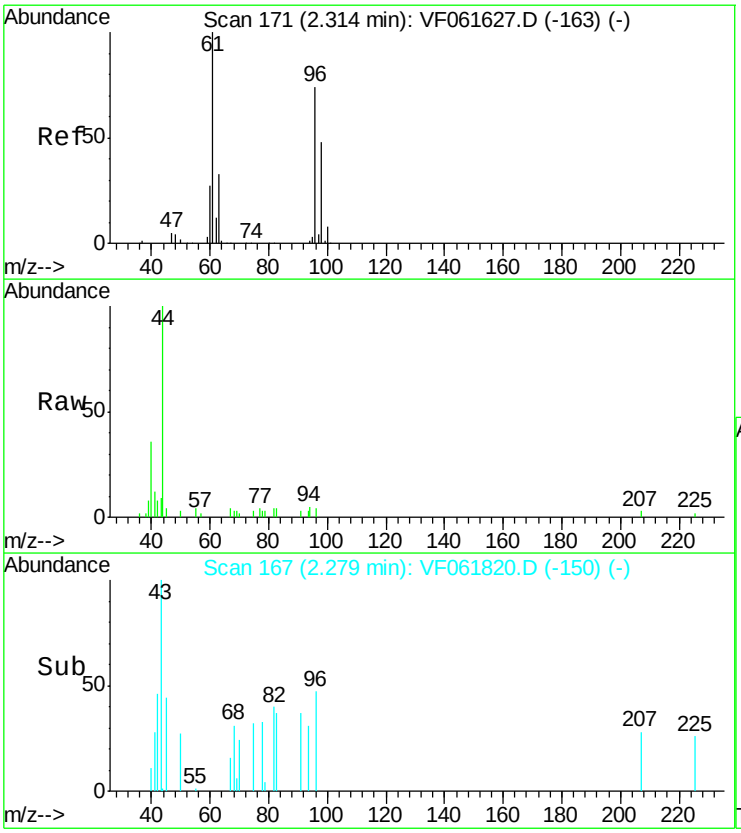
#20
Methylene Chloride
Concen: 3.031 ug/l
RT: 2.19 min Scan# 158
Delta R.T. 0.00 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 84 Resp: 70

Ion	Ratio	Lower	Upper
84	100		
49	0.0	101.8	152.8#
51	216.1	31.1	46.7#
86	0.0	54.4	81.6#

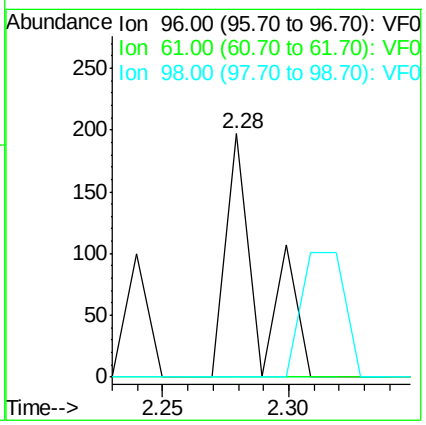


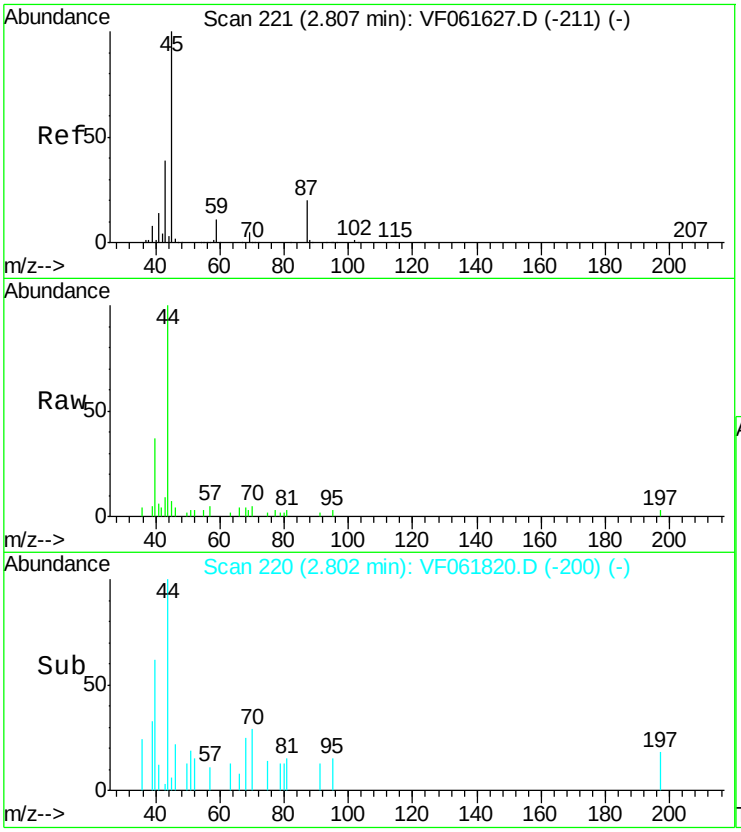


#21
trans-1,2-Dichloroethene
Concen: 12.564 ug/l
RT: 2.28 min Scan# 167
Delta R.T. -0.04 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 96 Resp: 180

Ion	Ratio	Lower	Upper
96	100		
61	0.0	108.2	162.4#
98	0.0	52.2	78.2#



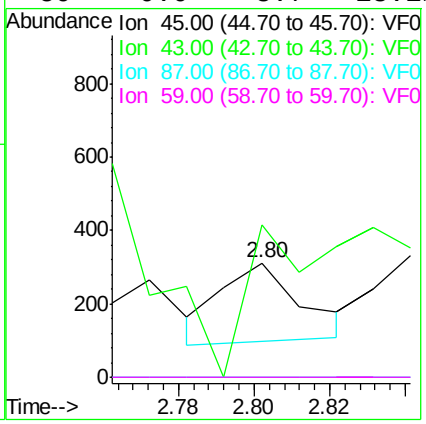


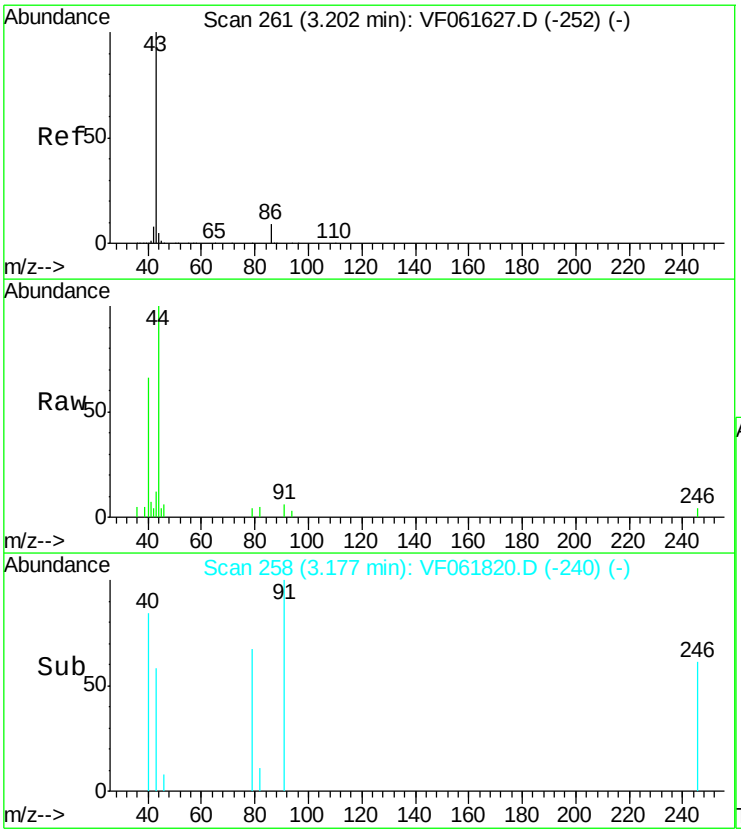
#22
Diisopropyl ether
Concen: 8.192 ug/l
RT: 2.80 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 45 Resp: 318

Ion	Ratio	Lower	Upper
45	100		
43	133.7	31.4	47.2#
87	0.0	16.3	24.5#
59	0.0	8.7	13.1#

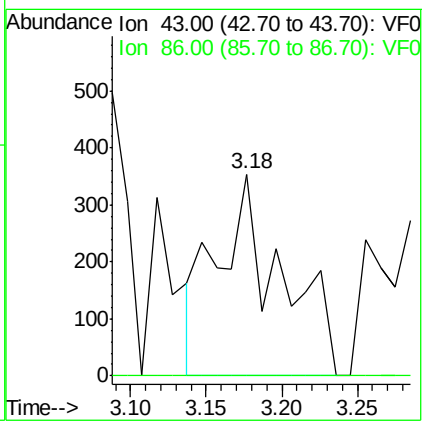


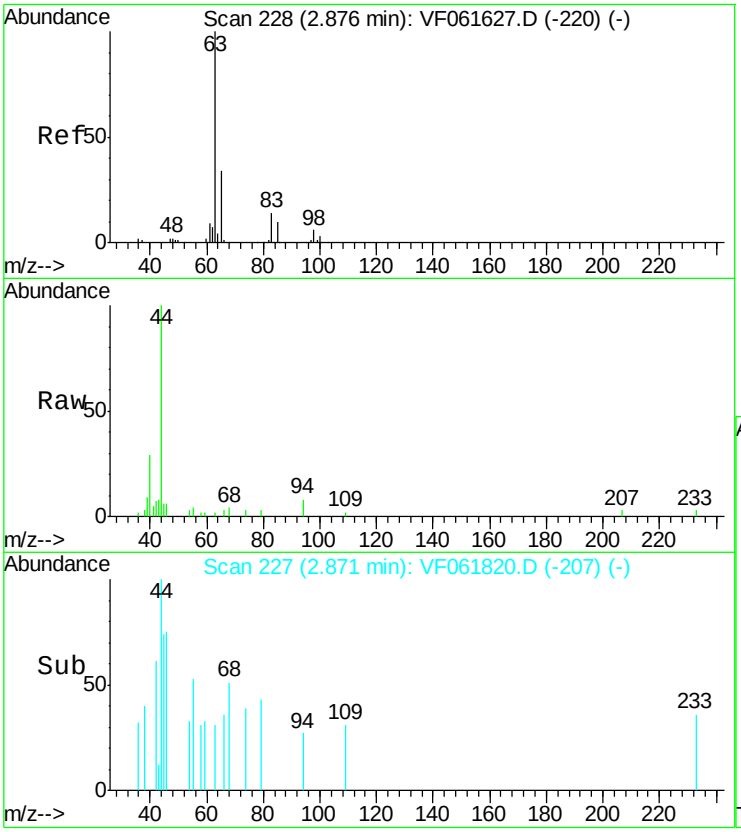


#23
Vinyl Acetate
Concen: 54.691 ug/l
RT: 3.18 min Scan# 258
Delta R.T. -0.03 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 43 Resp: 1037

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.5	11.3#



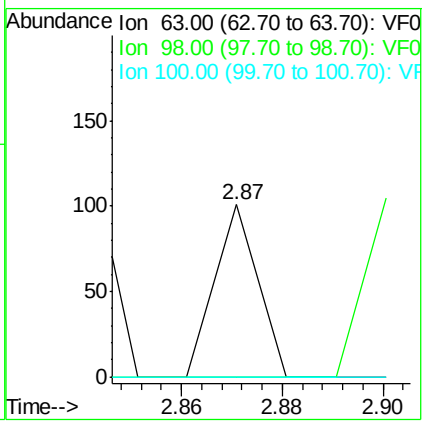


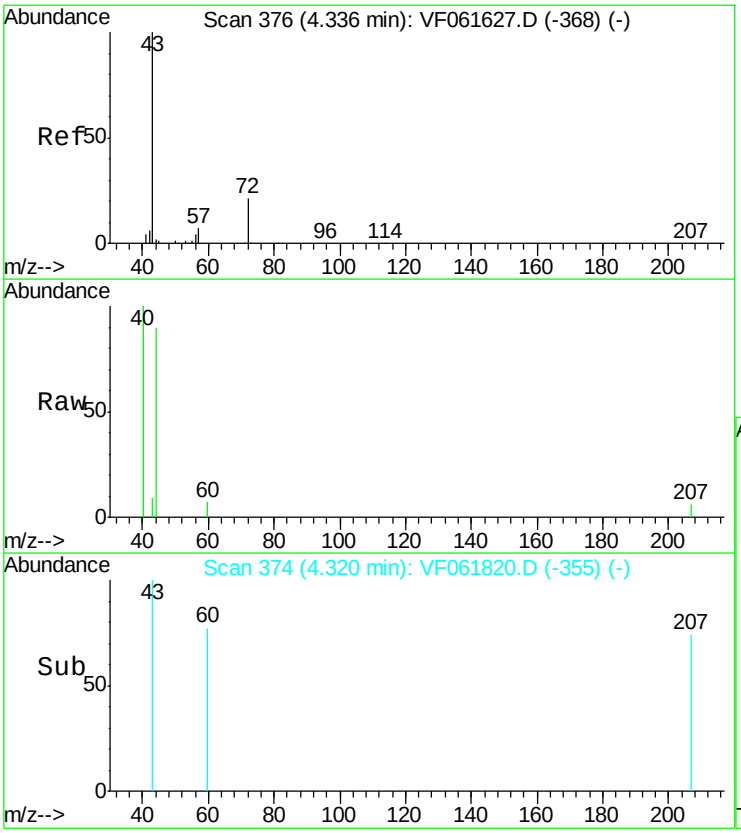
#24
1,1-Dichloroethane
Concen: 2.554 ug/l
RT: 2.87 min Scan# 227
Delta R.T. -0.01 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion: 63 Resp: 60

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.8	8.3#
100	0.0	1.8	5.4#

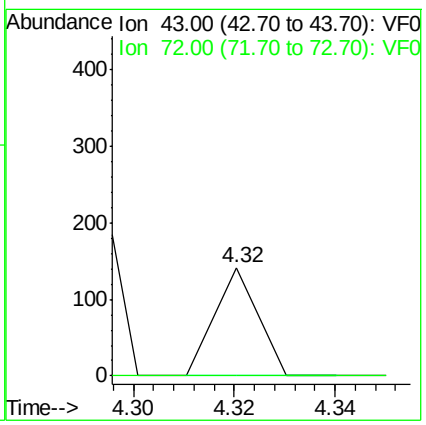


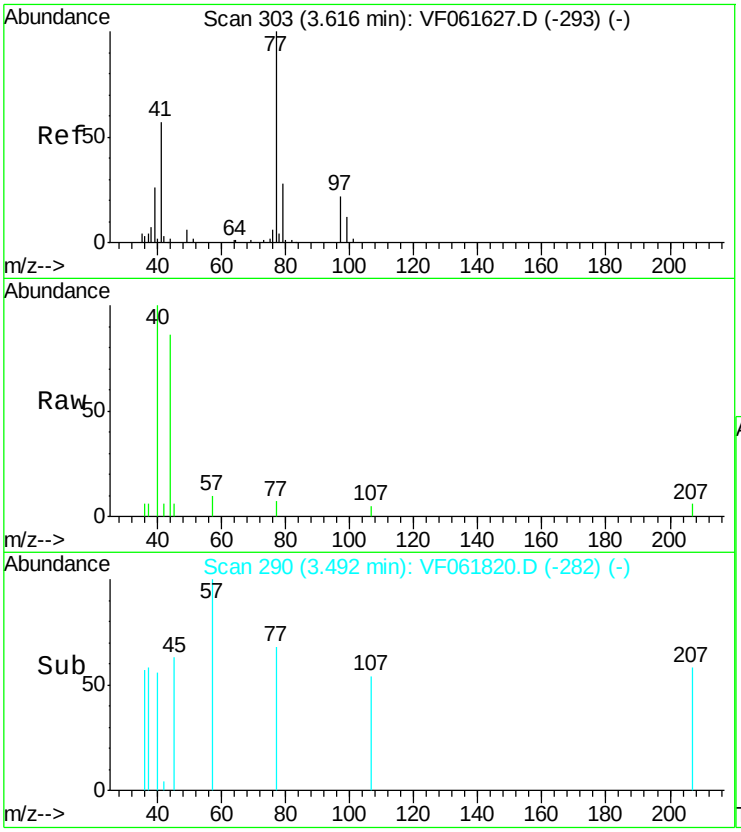


#25
2-Butanone
Concen: 15.892 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 43 Resp: 84

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.1	25.7#



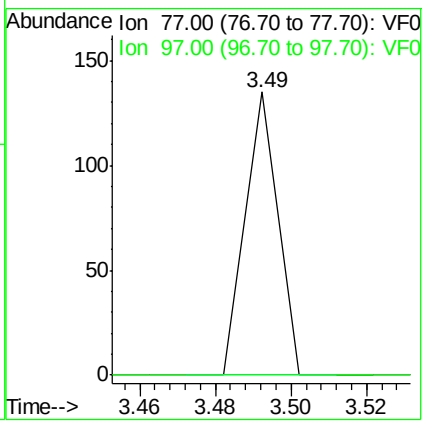


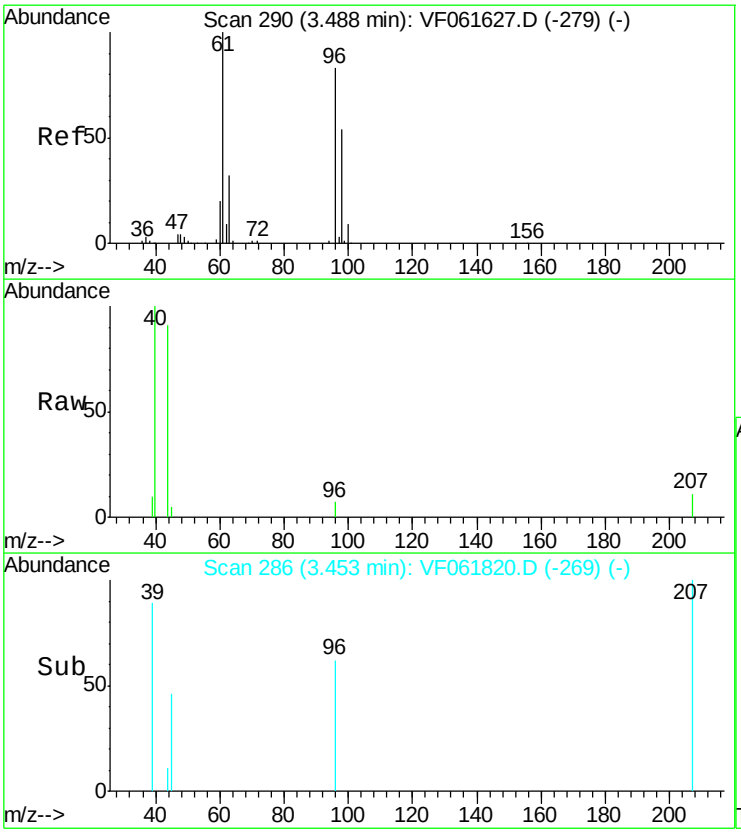
#26
2,2-Dichloropropane
Concen: 8.039 ug/l
RT: 3.49 min Scan# 290
Delta R.T. -0.12 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 77 Resp: 80

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.7	35.0#

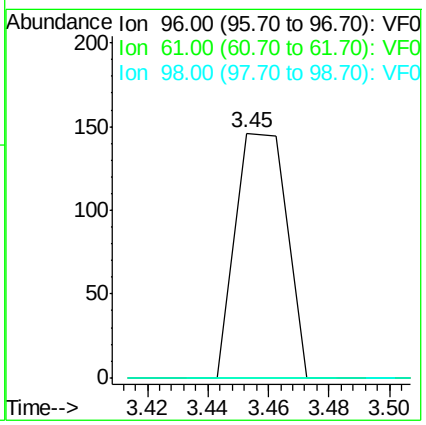


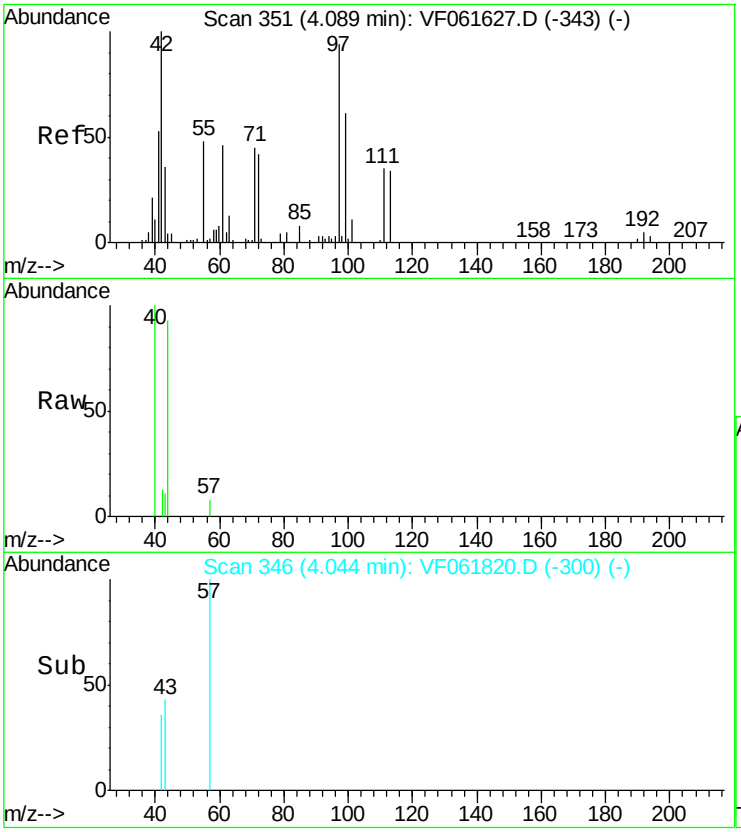


#27
cis-1,2-Dichloroethene
Concen: 9.147 ug/l
RT: 3.45 min Scan# 286
Delta R.T. -0.04 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 96 Resp: 172

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	241.6
98	0.0	0.0	130.2



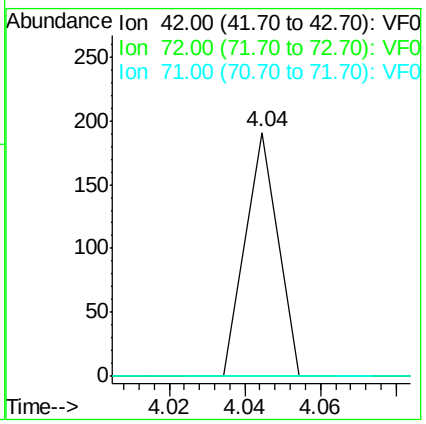


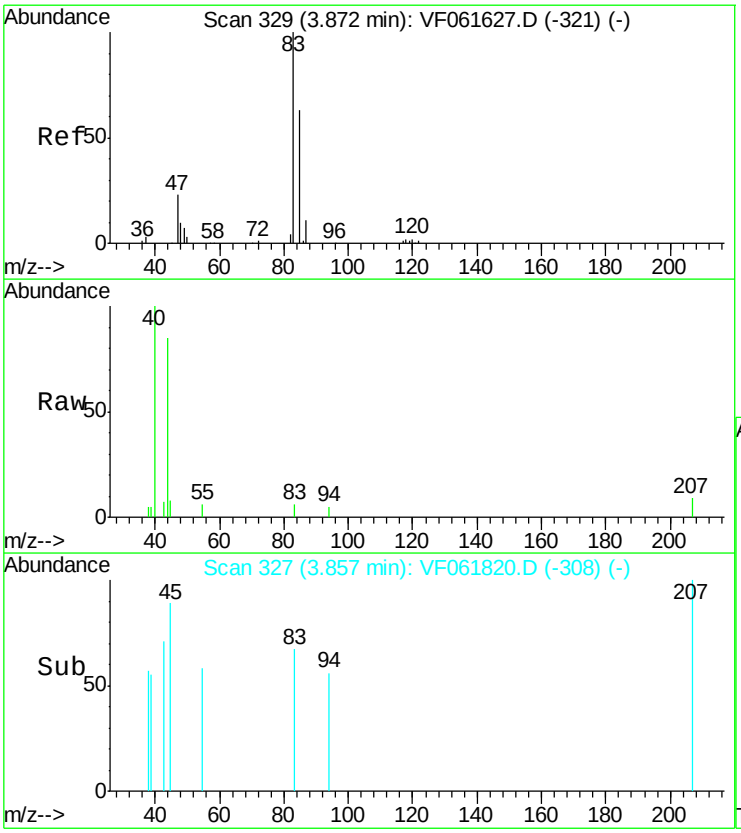
#29
Tetrahydrofuran
Concen: 47.037 ug/l
RT: 4.04 min Scan# 346
Delta R.T. -0.04 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 42 Resp: 113

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.2	52.8#
71	0.0	32.9	49.3#

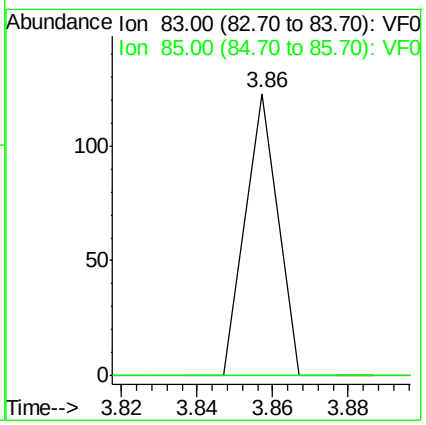


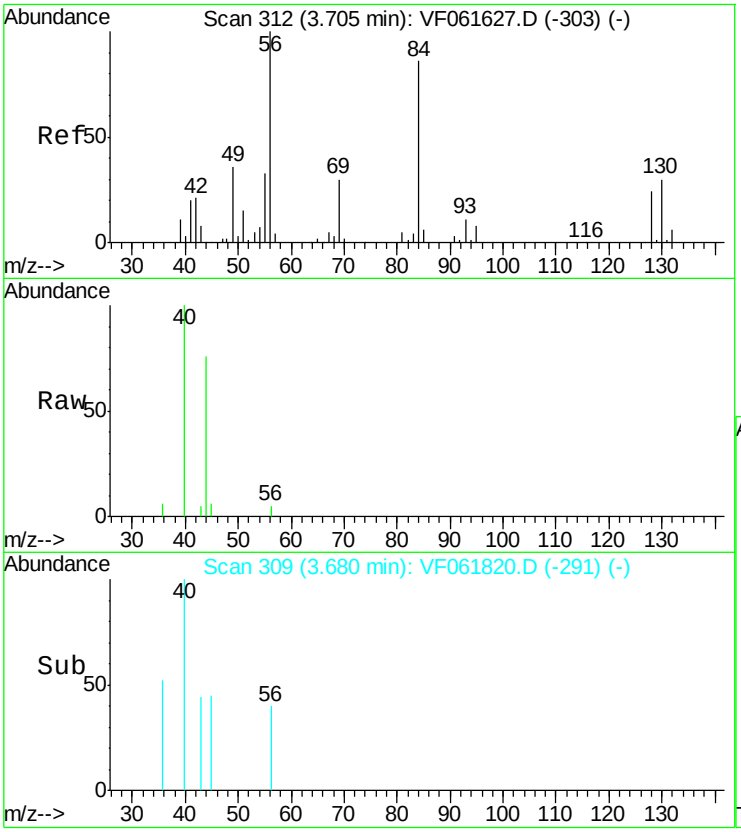


#30
Chloroform
Concen: 2.732 ug/l
RT: 3.86 min Scan# 327
Delta R.T. -0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 83 Resp: 73

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.1	76.7#



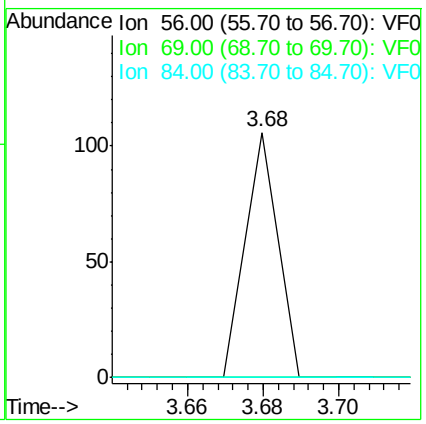


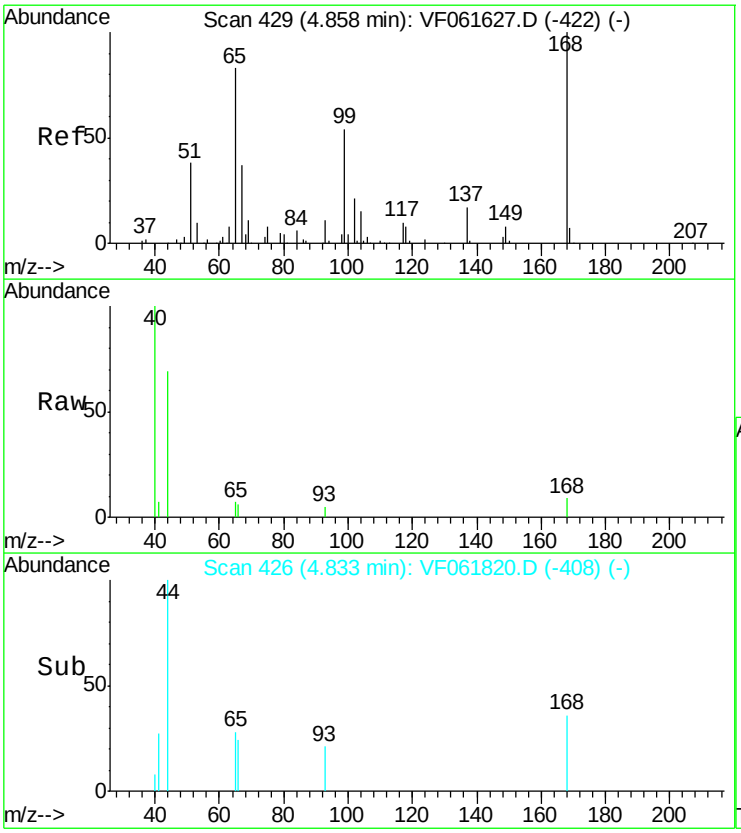
#31
Cyclohexane
Concen: 2.477 ug/l
RT: 3.68 min Scan# 309
Delta R.T. -0.03 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 56 Resp: 63

Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.8	35.8#
84	0.0	68.6	103.0#

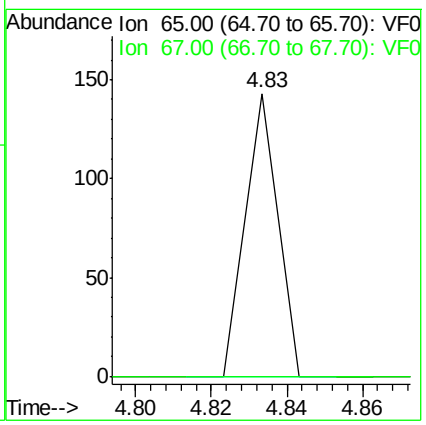


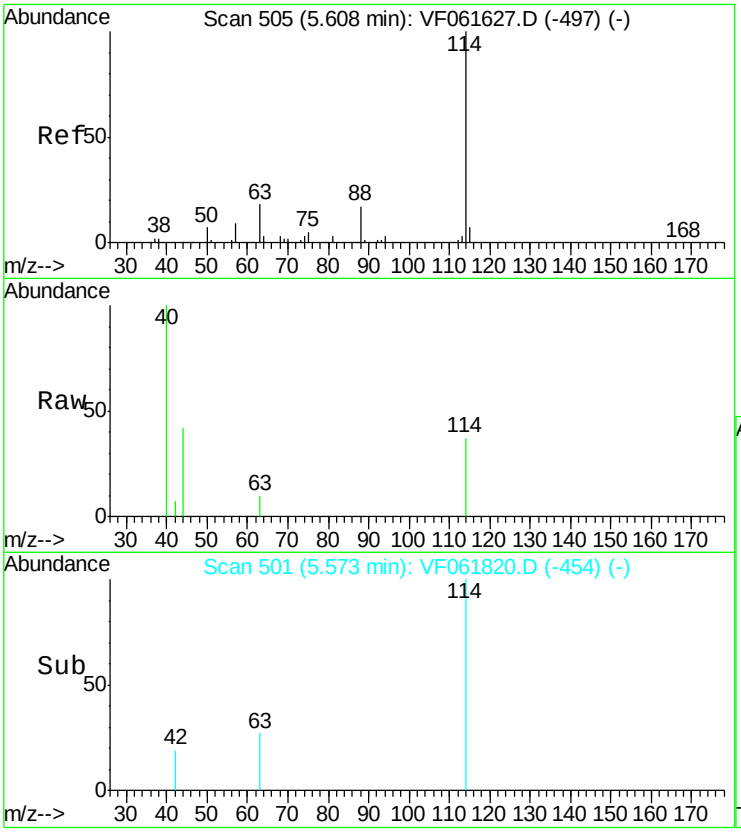


#33
1,2-Dichloroethane-d4
Concen: 7.537 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 65 Resp: 85

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	104.0



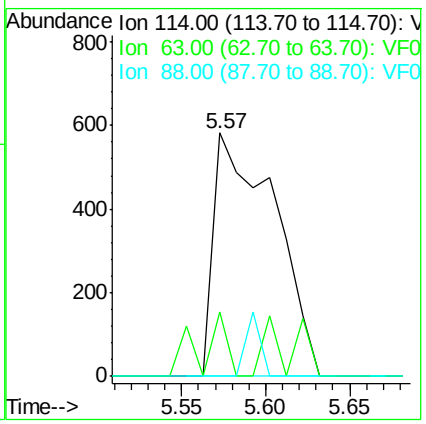


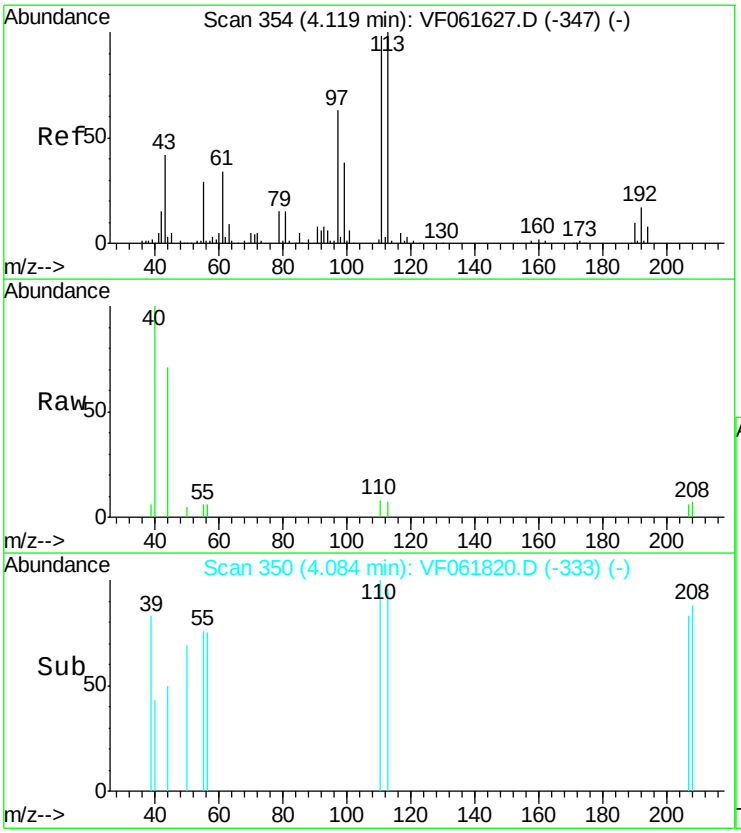
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.04 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion:114 Resp: 1463

Ion	Ratio	Lower	Upper
114	100		
63	26.6	0.0	36.6
88	0.0	0.0	34.4

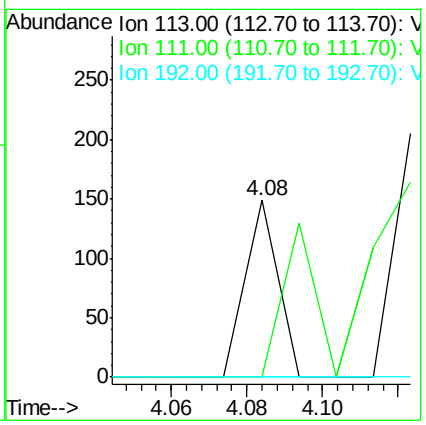


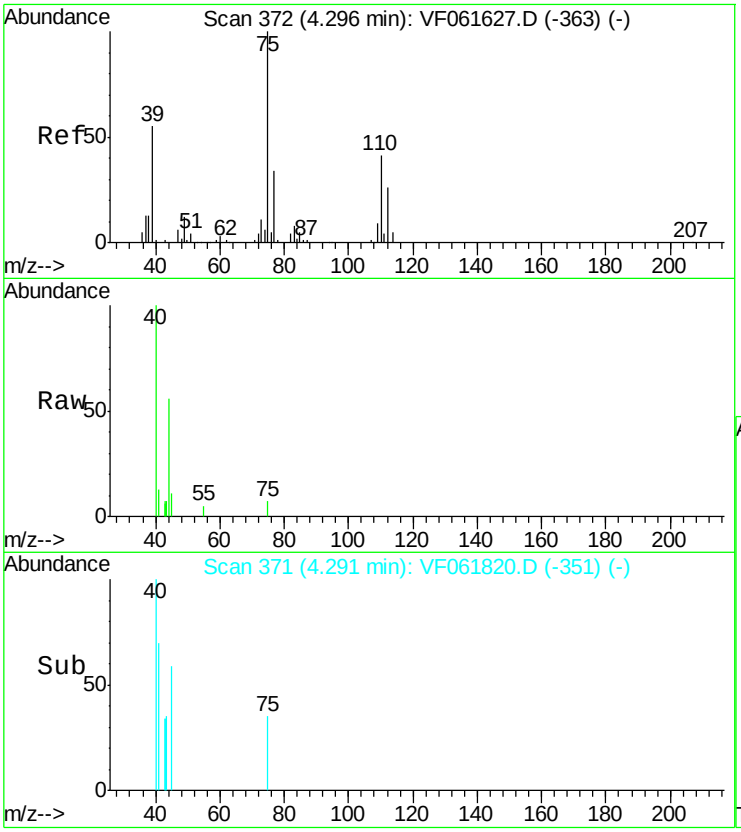


#35
Dibromofluoromethane
Concen: 8.100 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.04 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion:113 Resp: 88

Ion	Ratio	Lower	Upper
113	100		
111	0.0	78.8	118.2#
192	0.0	13.4	20.0#



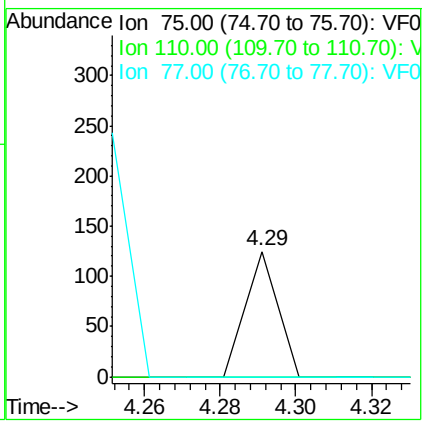


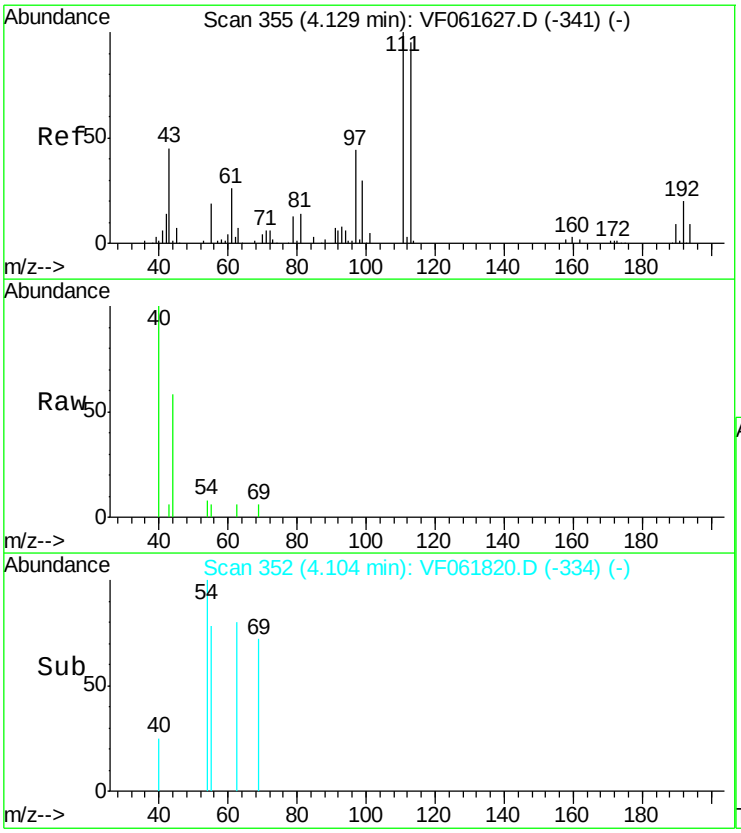
#36
1,1-Dichloropropene
Concen: 5.106 ug/l
RT: 4.29 min Scan# 371
Delta R.T. -0.01 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 75 Resp: 74

Ion	Ratio	Lower	Upper
75	100		
110	0.0	20.5	61.6#
77	0.0	27.0	40.4#

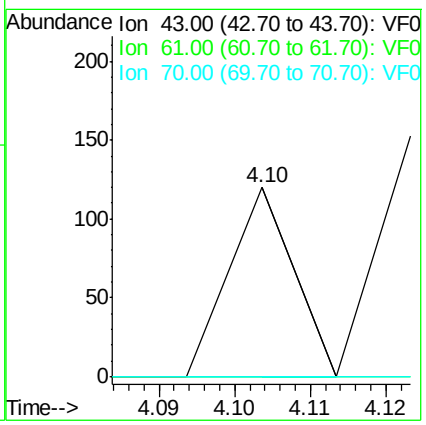


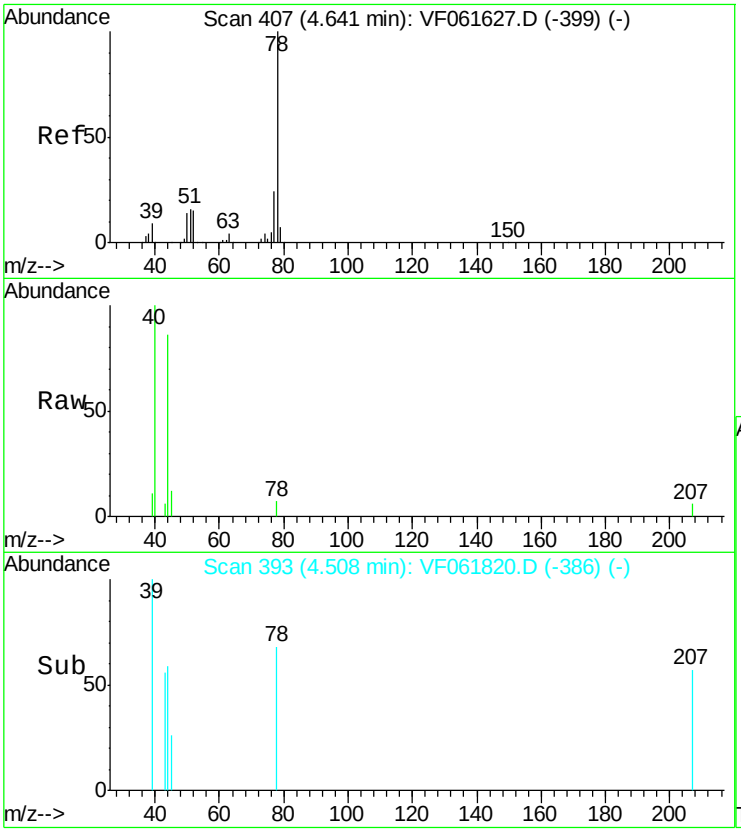


#37
Ethyl Acetate
Concen: 10.547 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.03 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 43 Resp: 71

Ion	Ratio	Lower	Upper
43	100		
61	0.0	45.7	68.5#
70	0.0	8.5	12.7#



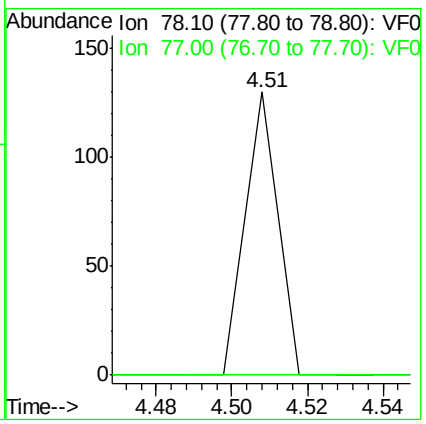


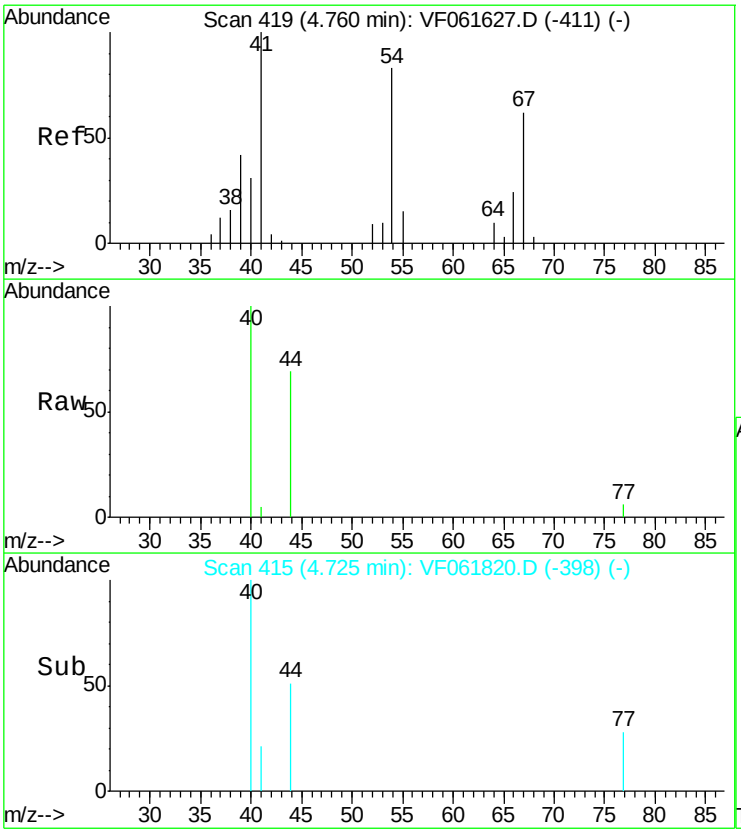
#40
Benzene
Concen: 2.031 ug/l
RT: 4.51 min Scan# 393
Delta R.T. -0.13 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion: 78 Resp: 77

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.0	28.6#

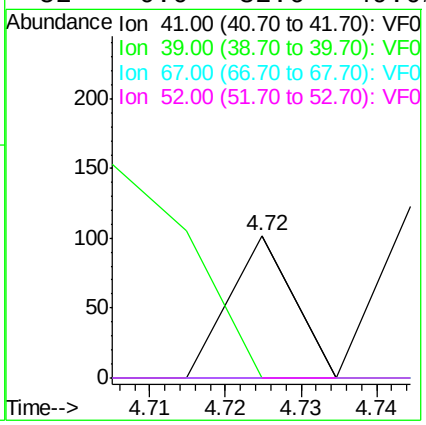


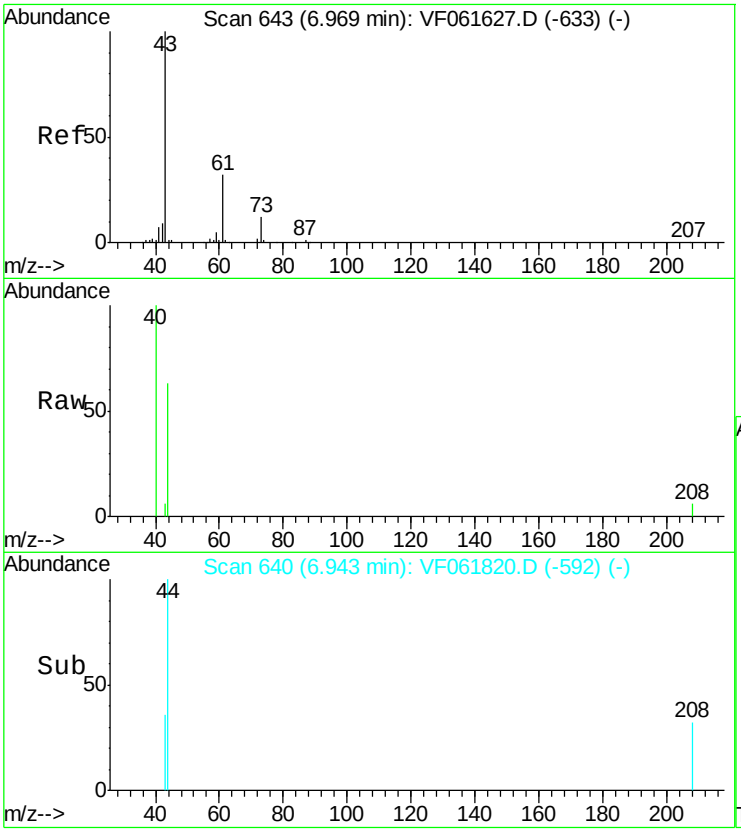


#41
Methacrylonitrile
Concen: 17.429 ug/l
RT: 4.72 min Scan# 415
Delta R.T. -0.04 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 41 Resp: 60

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.3	67.9#
67	0.0	49.3	73.9#
52	0.0	32.6	49.0#



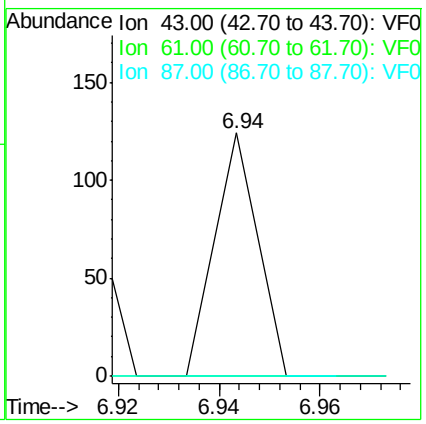


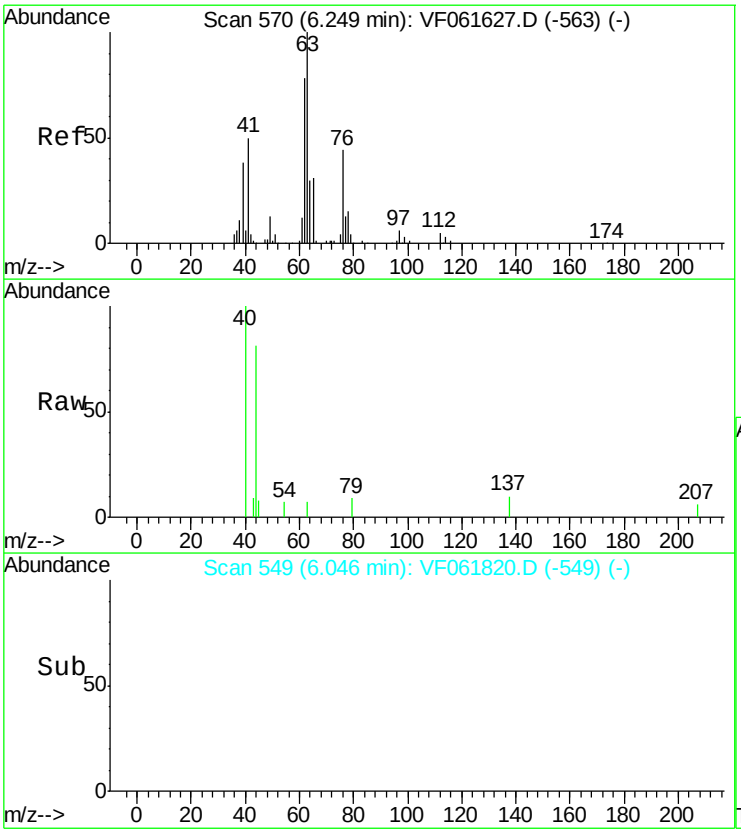
#43
Isopropyl Acetate
Concen: 9.162 ug/l
RT: 6.94 min Scan# 640
Delta R.T. -0.03 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion: 43 Resp: 73

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.8	38.6#
87	0.0	0.4	0.6#

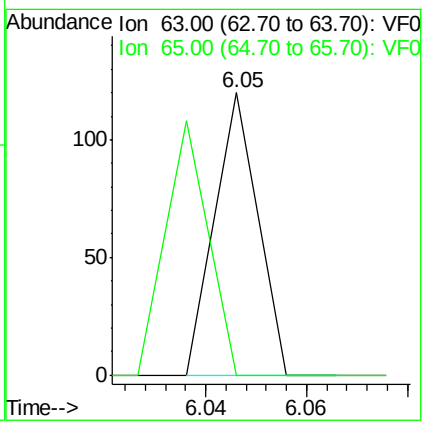


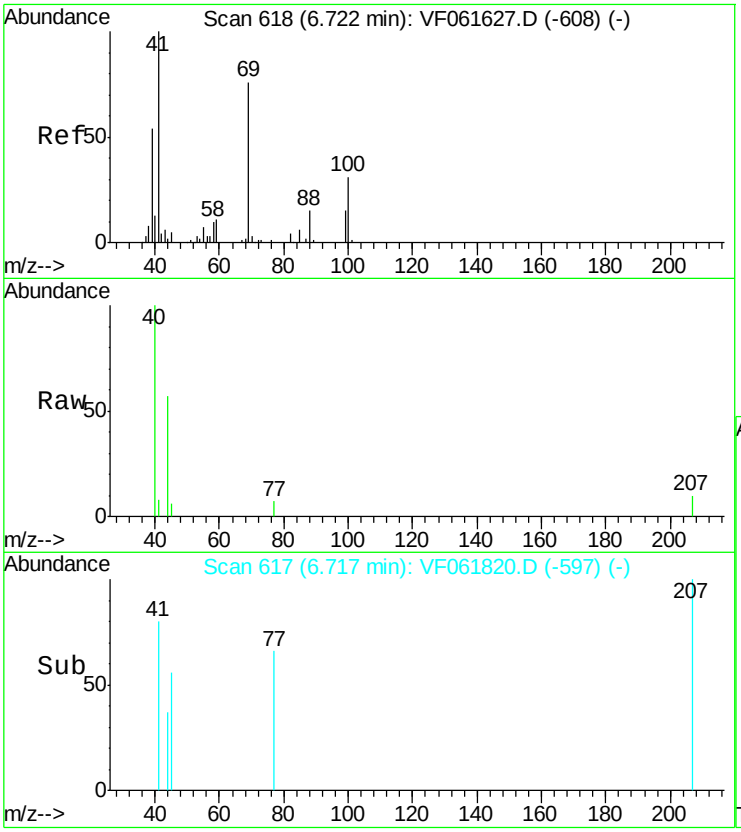


#45
1,2-Dichloropropane
Concen: 7.748 ug/l
RT: 6.05 min Scan# 549
Delta R.T. -0.20 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 63 Resp: 71

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#



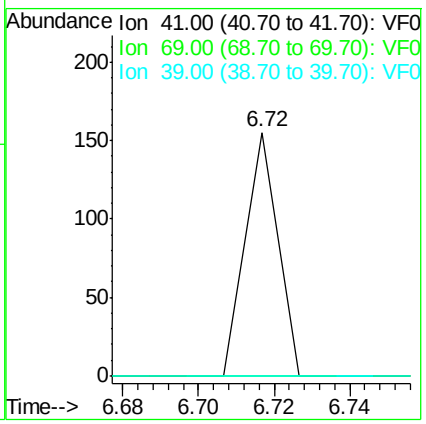


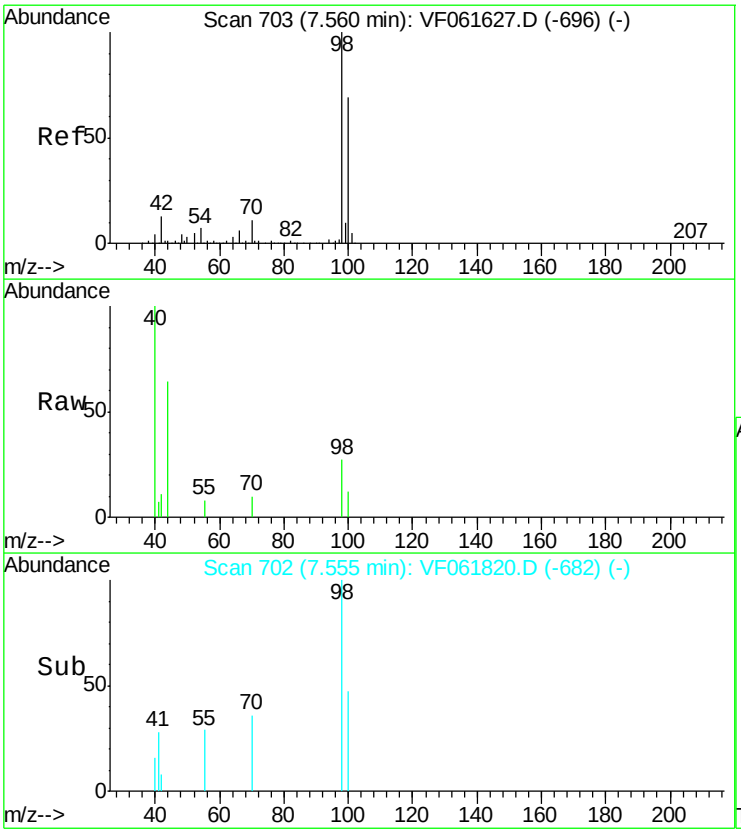
#48
Methyl methacrylate
Concen: 19.186 ug/l
RT: 6.72 min Scan# 617
Delta R.T. -0.01 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion: 41 Resp: 92

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.4	90.6#
39	0.0	43.7	65.5#

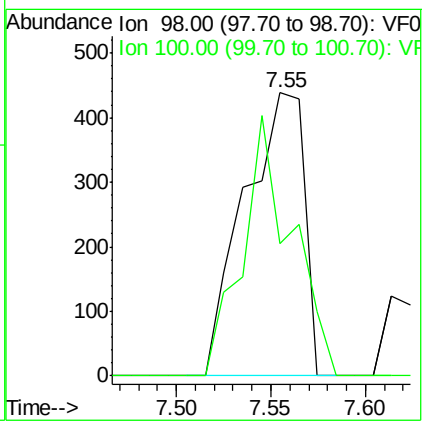


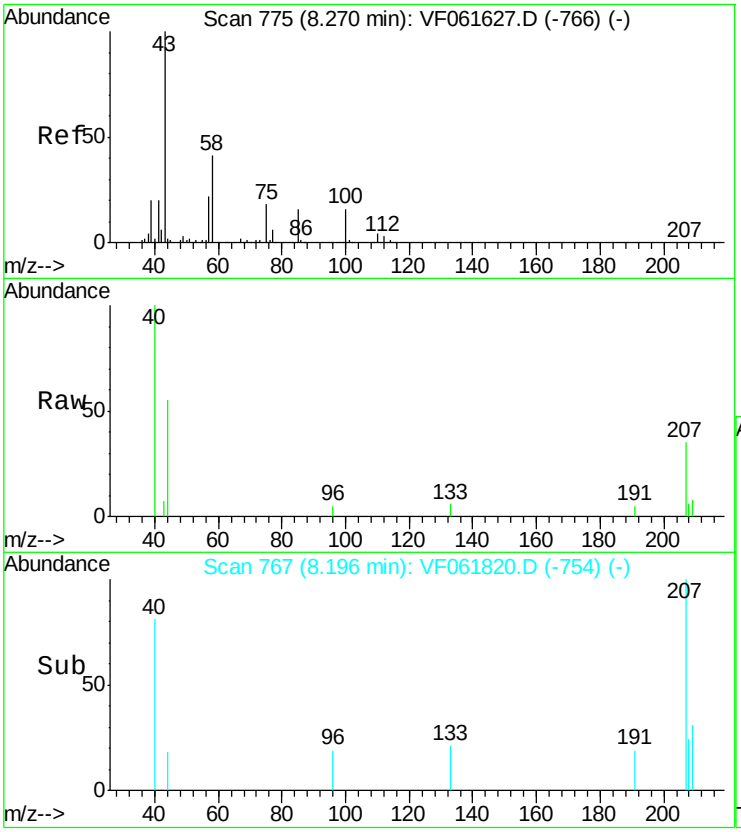


#50
Toluene-d8
Concen: 30.706 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 98 Resp: 959

Ion	Ratio	Lower	Upper
98	100		
100	46.8	55.4	83.2#



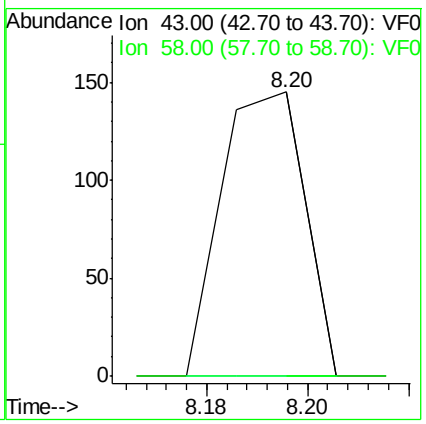


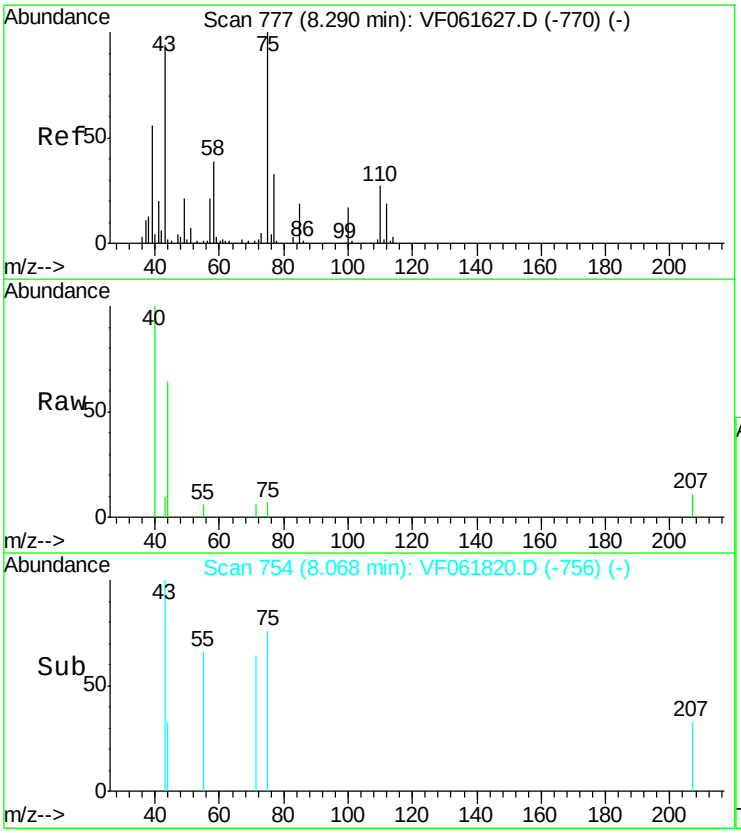
#51
4-Methyl-2-Pentanone
Concen: 29.156 ug/l
RT: 8.20 min Scan# 767
Delta R.T. -0.07 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 43 Resp: 166

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.1	49.7#

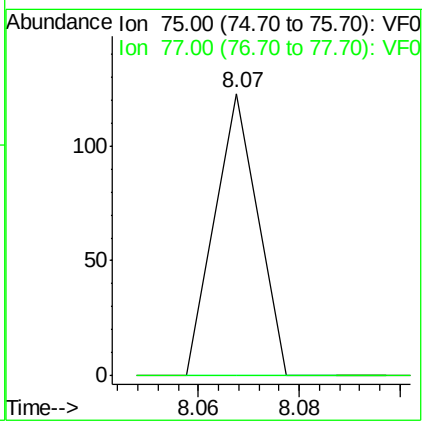


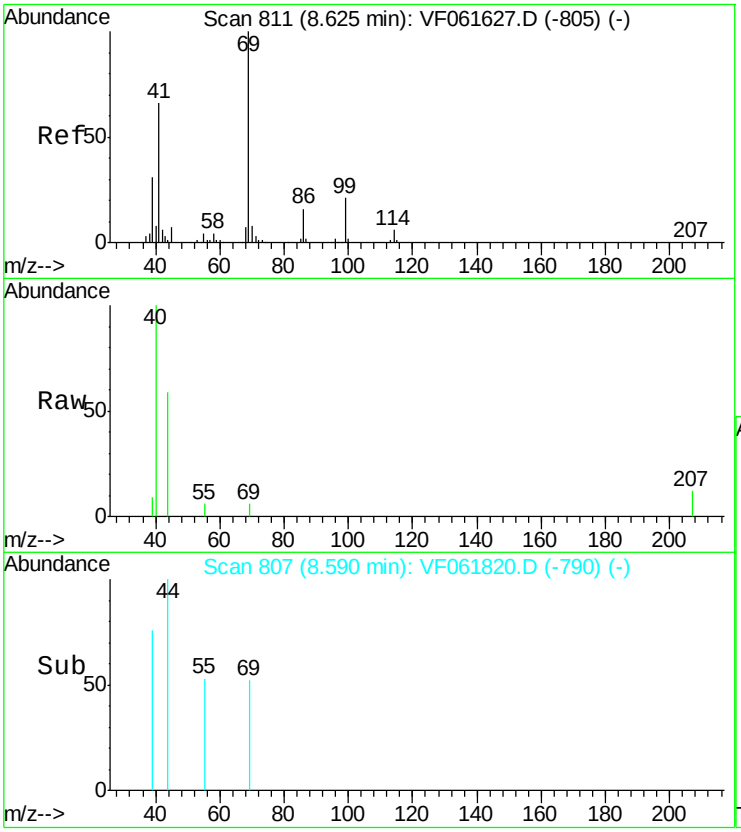


#53
t-1,3-Dichloropropene
Concen: 7.099 ug/l
RT: 8.07 min Scan# 754
Delta R.T. -0.22 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 75 Resp: 73

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#



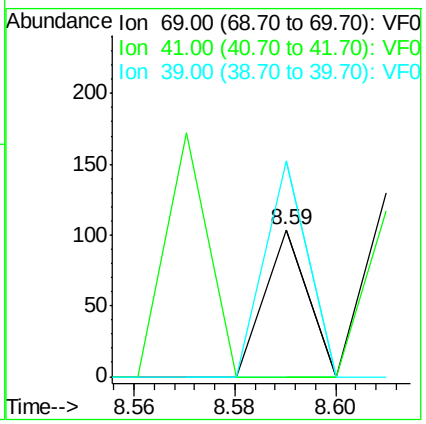


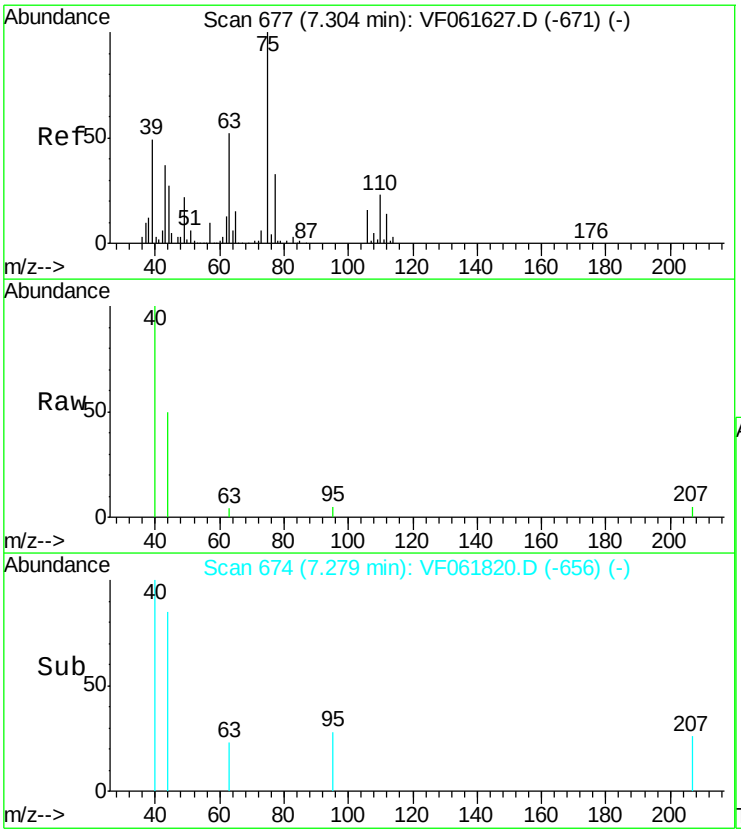
#56
Ethyl methacrylate
Concen: 8.244 ug/l
RT: 8.59 min Scan# 807
Delta R.T. -0.04 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion: 69 Resp: 62

Ion	Ratio	Lower	Upper
69	100		
41	0.0	52.9	79.3#
39	146.2	24.5	36.7#

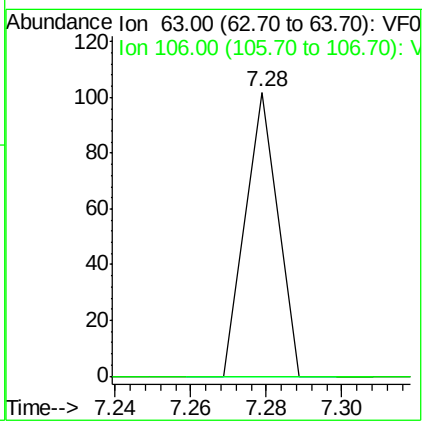


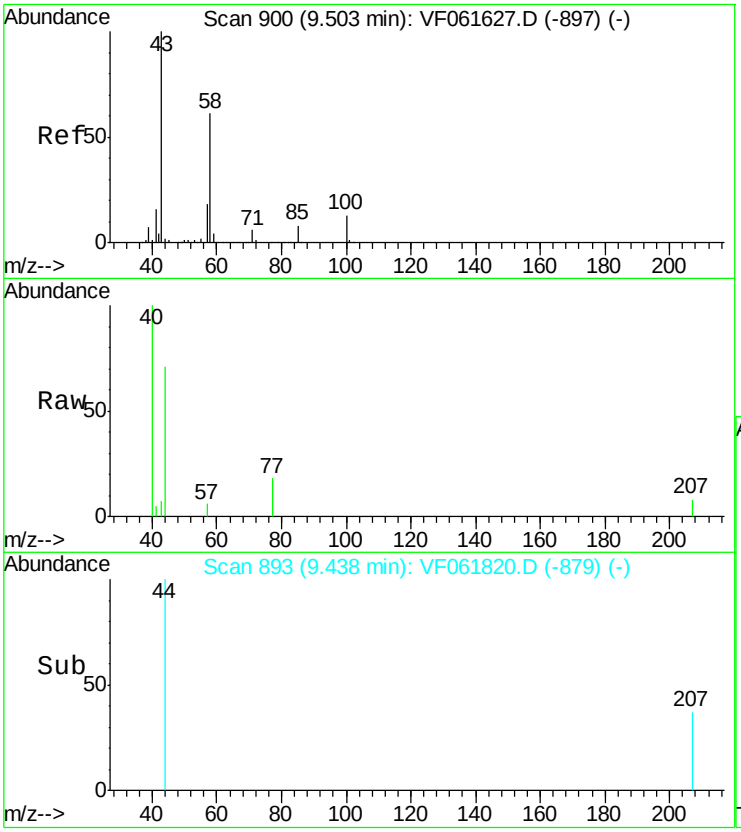


#58
2-Chloroethyl Vinyl ether
Concen: 46.240 ug/l
RT: 7.28 min Scan# 674
Delta R.T. -0.03 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 63 Resp: 60

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.6	36.8#



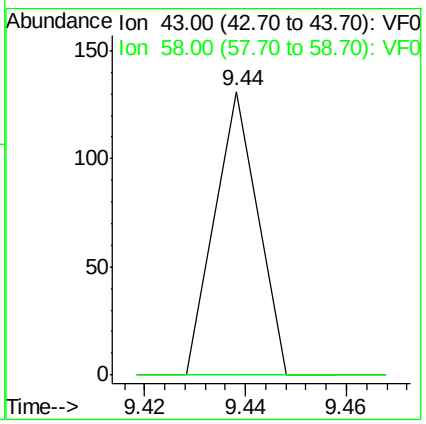


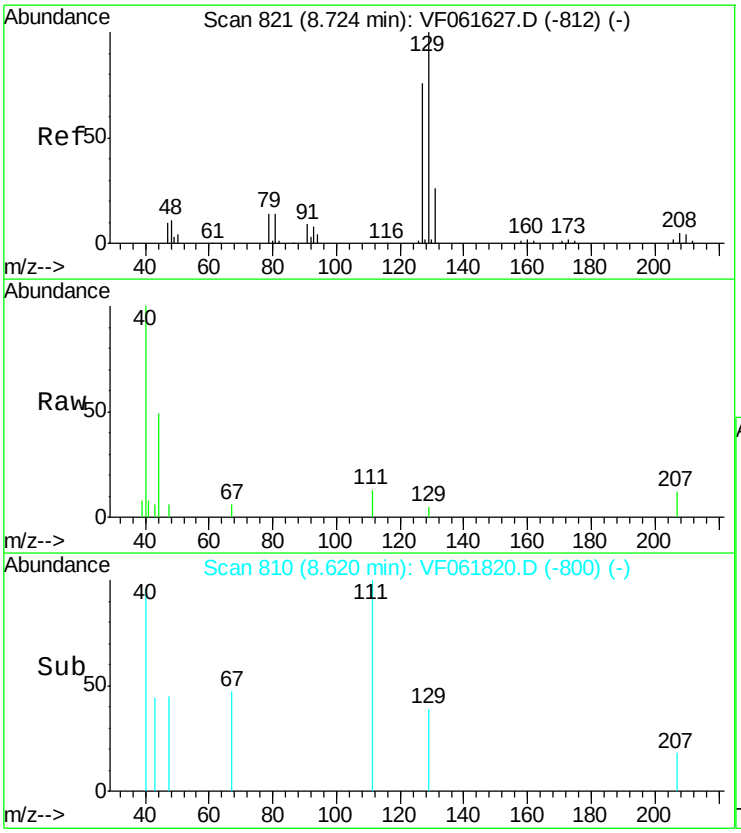
#59
2-Hexanone
Concen: 19.294 ug/l
RT: 9.44 min Scan# 893
Delta R.T. -0.06 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 43 Resp: 77

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.5	85.5#

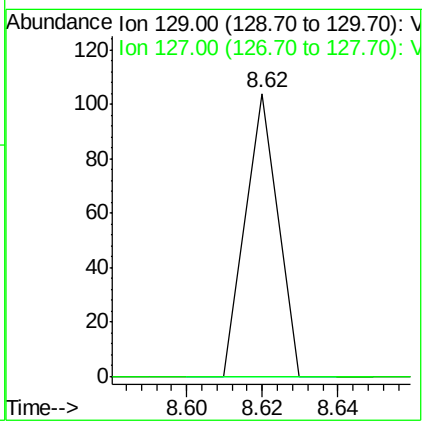


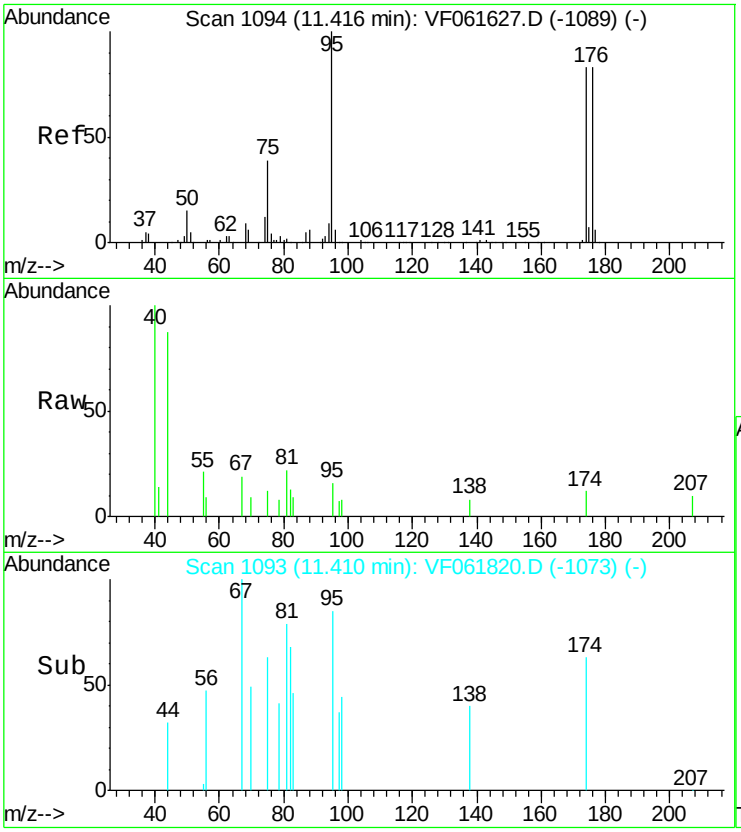


#60
Dibromochloromethane
Concen: 6.594 ug/l
RT: 8.62 min Scan# 810
Delta R.T. -0.10 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion:129 Resp: 62

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.8	113.4#



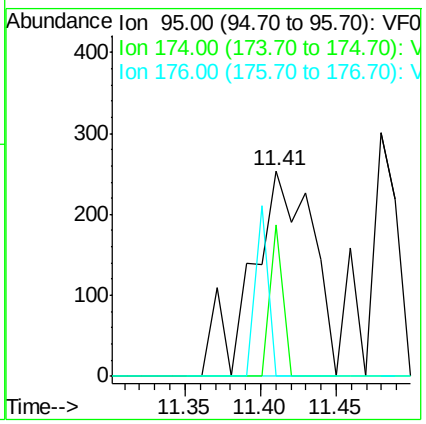


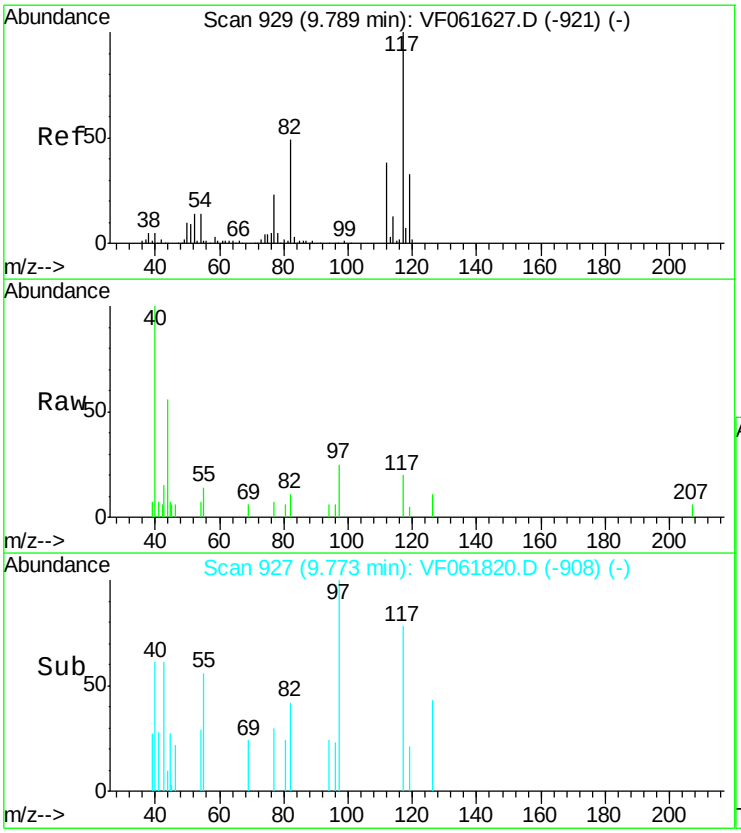
#62
4-Bromofluorobenzene
Concen: 56.263 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 95 Resp: 711

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	165.8
176	0.0	0.0	167.0

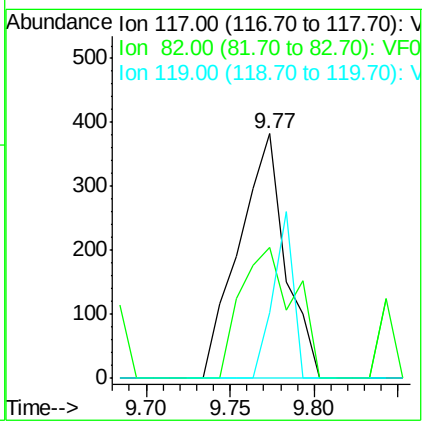


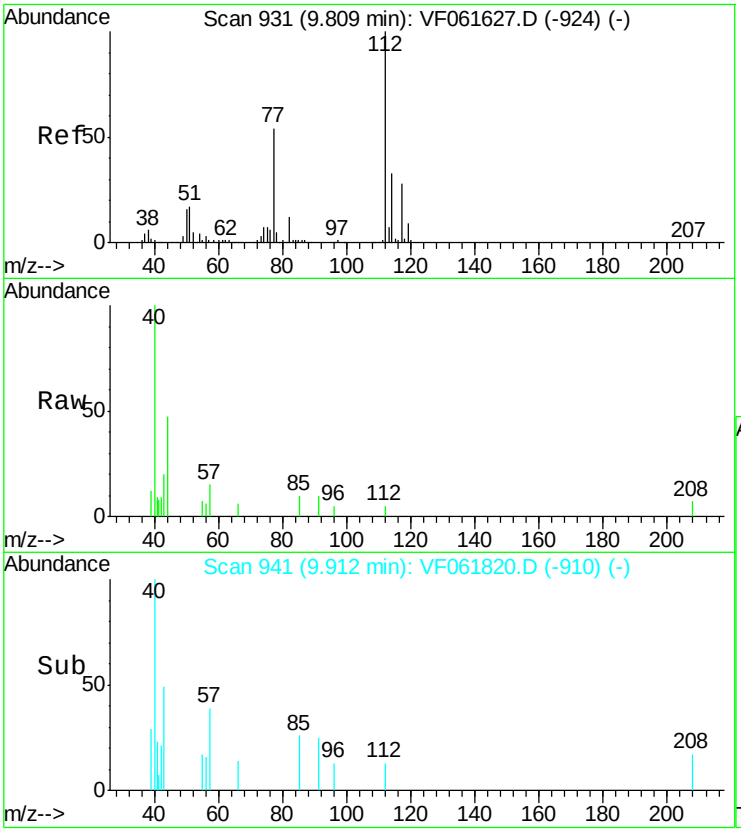


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion:117 Resp: 729

Ion	Ratio	Lower	Upper
117	100		
82	53.4	39.3	58.9
119	26.4	26.6	40.0#



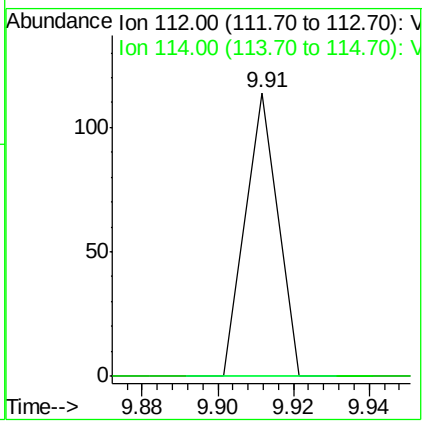


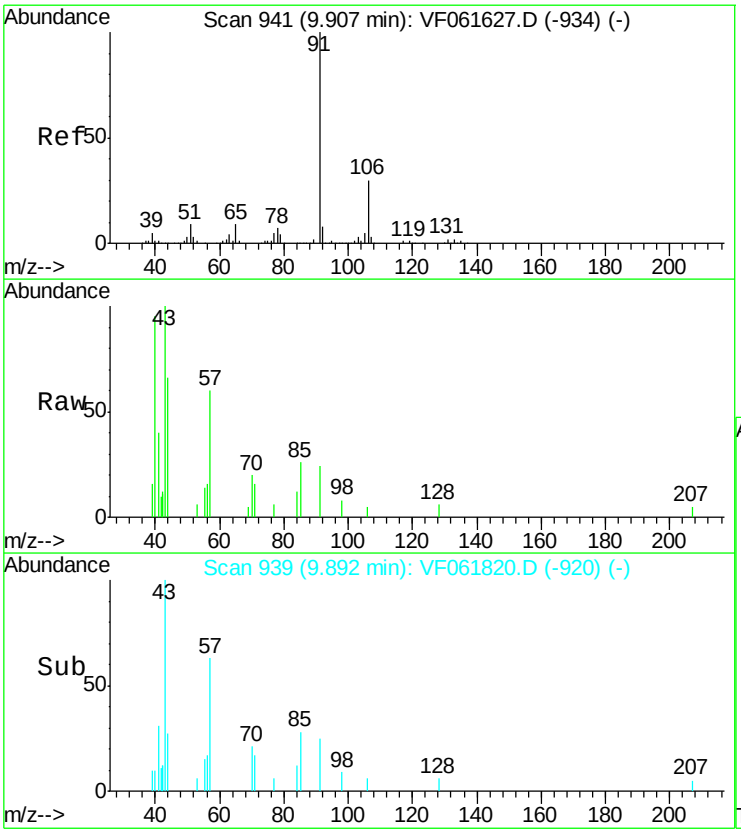
#65
Chlorobenzene
Concen: 4.529 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.10 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion:112 Resp: 67

Ion	Ratio	Lower	Upper
112	100		
114	0.0	26.2	39.2#

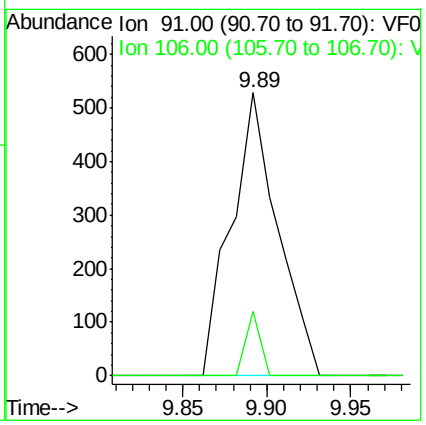


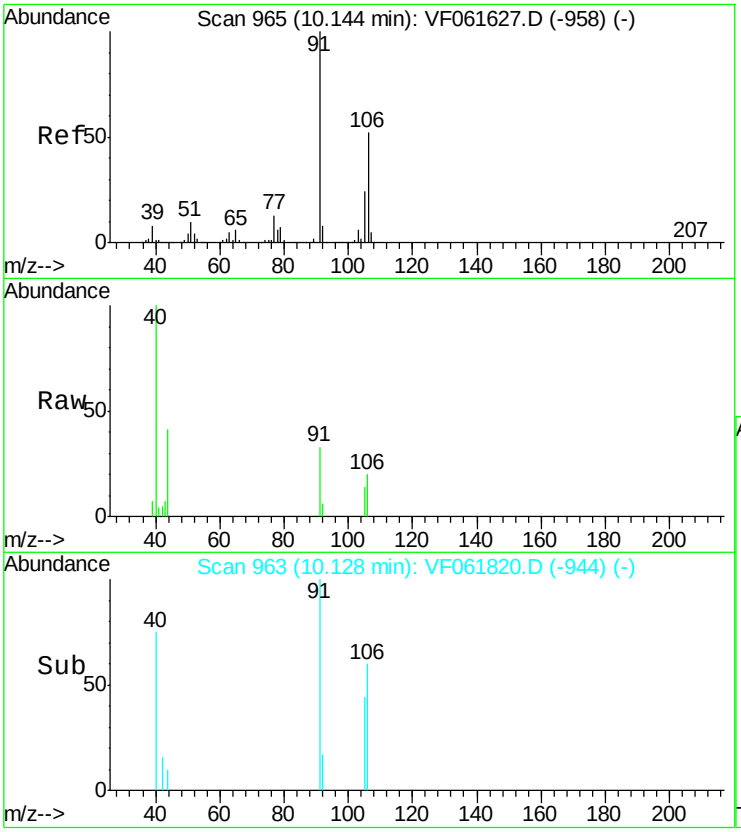


#67
Ethyl Benzene
Concen: 41.218 ug/l
RT: 9.89 min Scan# 939
Delta R.T. -0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 91 Resp: 1014

Ion	Ratio	Lower	Upper
91	100		
106	22.7	24.1	36.1#



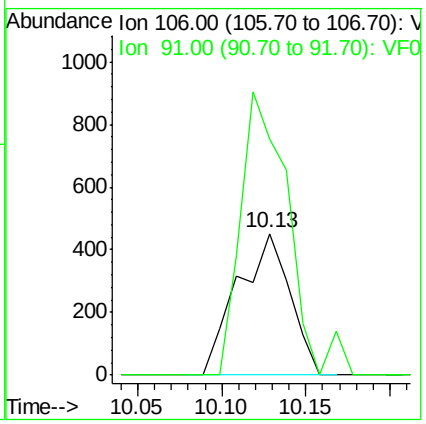


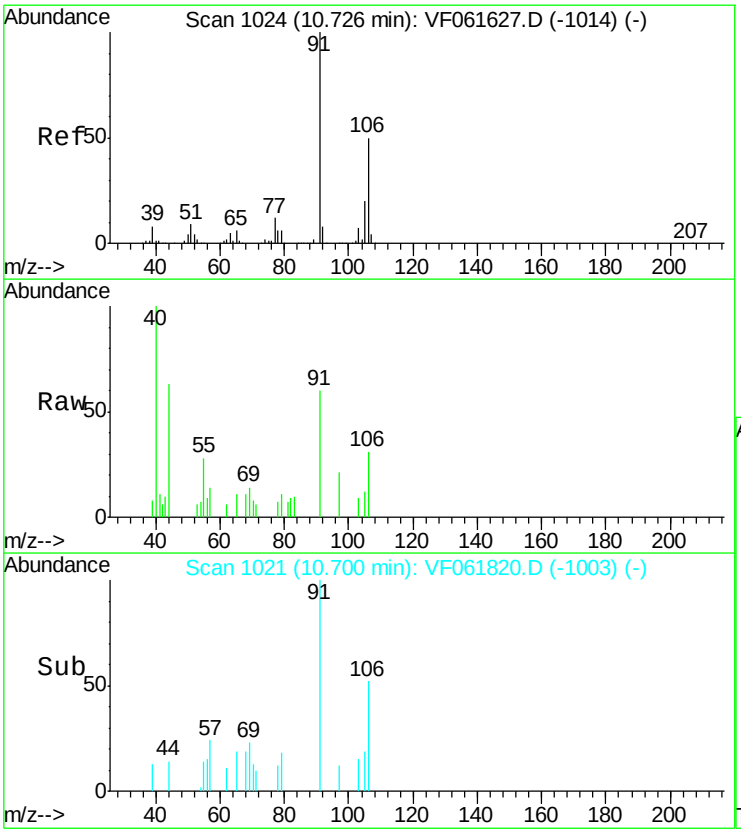
#68
m/p-Xylenes
Concen: 103.664 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion:106 Resp: 976

Ion	Ratio	Lower	Upper
106	100		
91	166.6	153.0	229.6

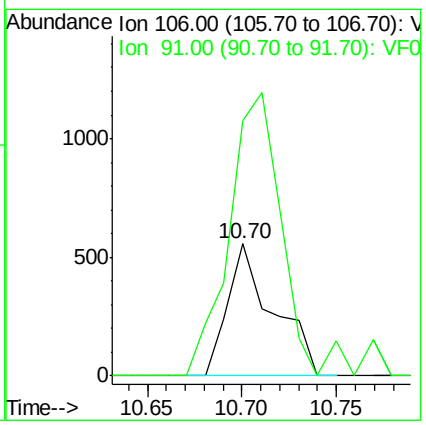


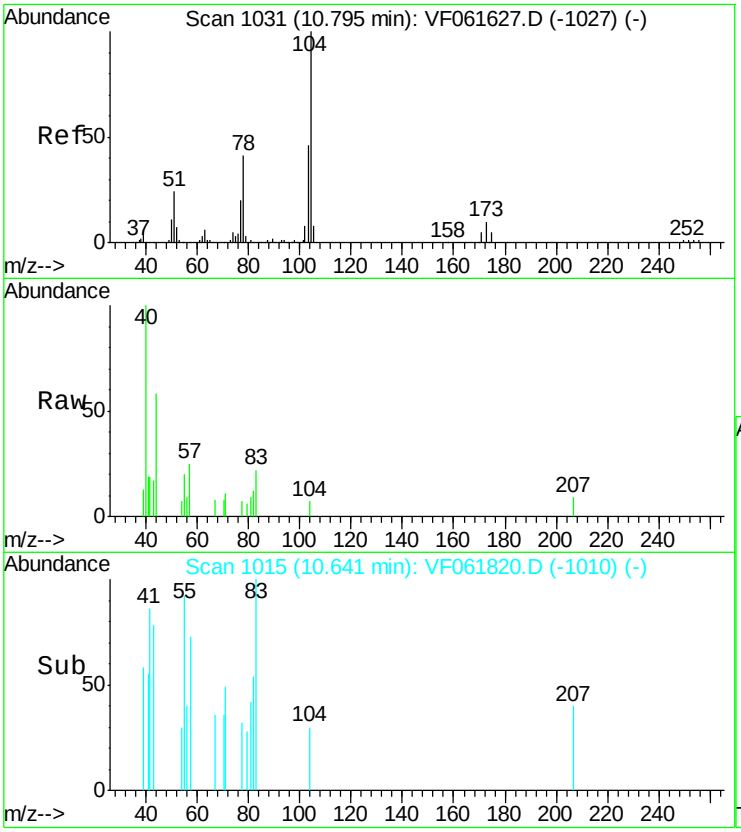


#69
o-Xylene
Concen: 91.874 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.03 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion:106 Resp: 923

Ion	Ratio	Lower	Upper
106	100		
91	193.2	100.1	300.1



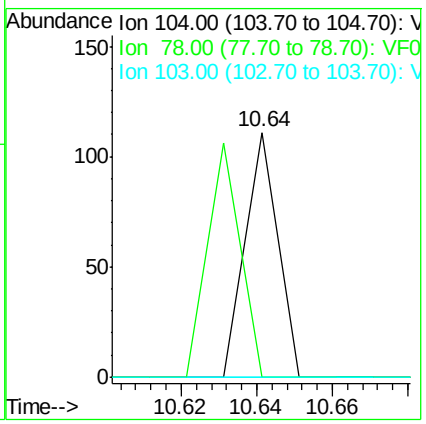


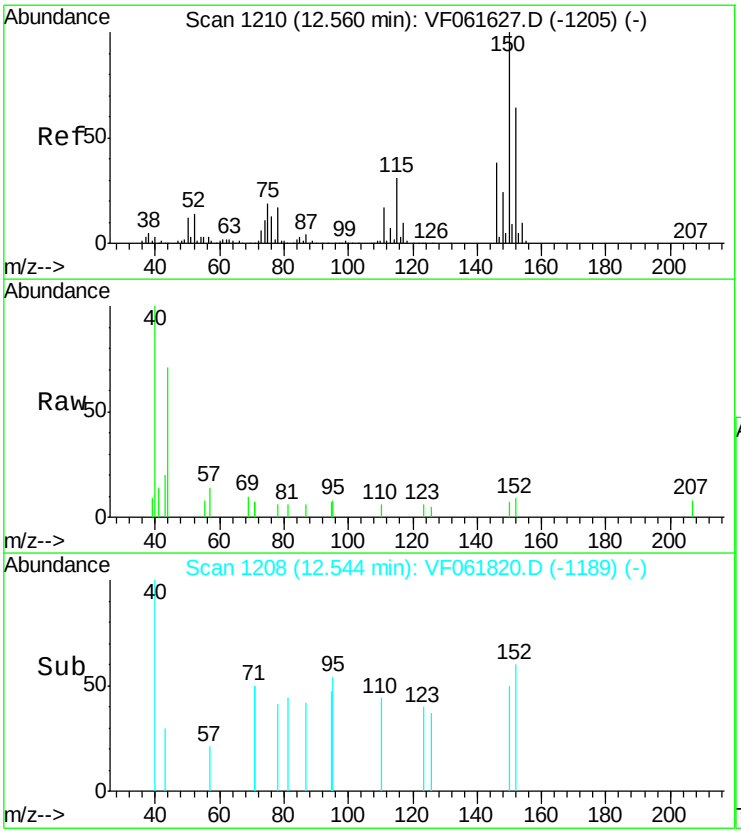
#70
Stvrene
Concen: 4.644 ug/l
RT: 10.64 min Scan# 1015
Delta R.T. -0.15 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion:104 Resp: 66

Ion	Ratio	Lower	Upper
104	100		
78	0.0	33.2	49.8#
103	0.0	37.2	55.8#

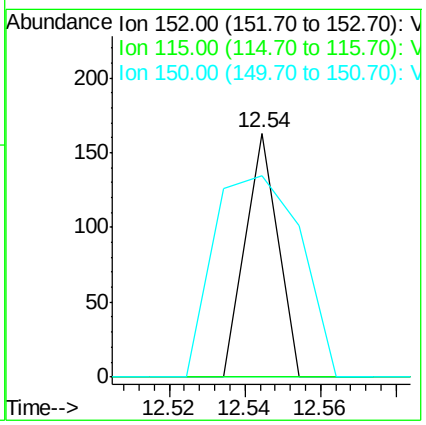


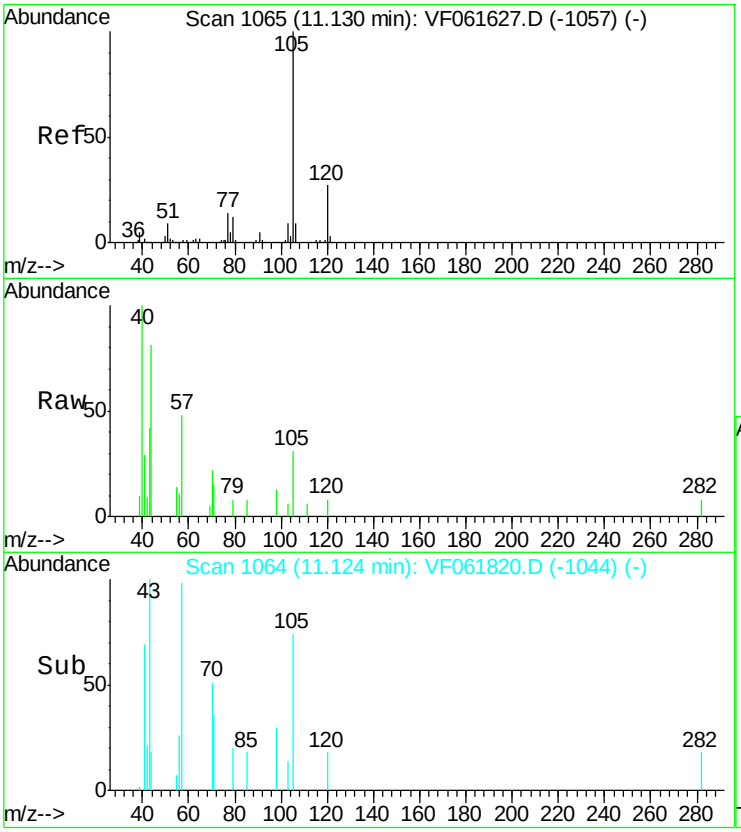


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion:152 Resp: 96

Ion	Ratio	Lower	Upper
152	100		
115	0.0	24.3	72.8#
150	82.8	0.0	312.0



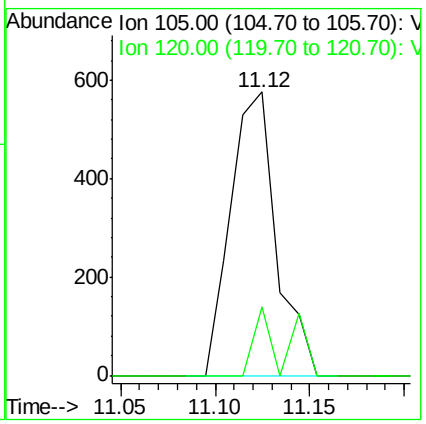


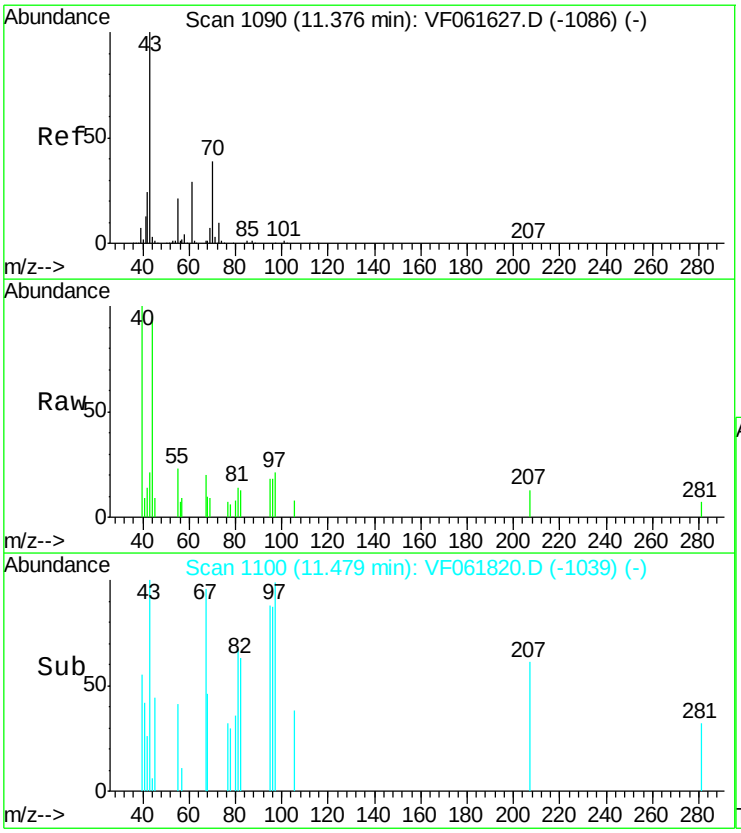
#73
Isopropylbenzene
Concen: 141.331 ug/l
RT: 11.12 min Scan# 1064
Delta R.T. -0.01 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion:105 Resp: 966

Ion	Ratio	Lower	Upper
105	100		
120	24.3	13.4	40.1

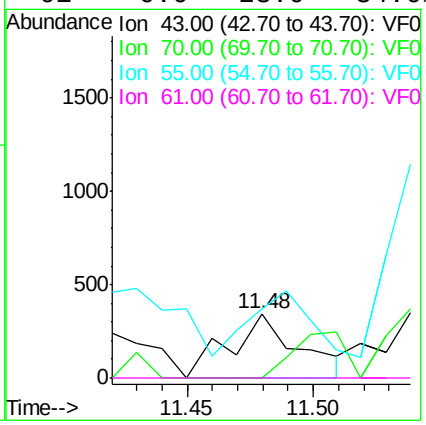


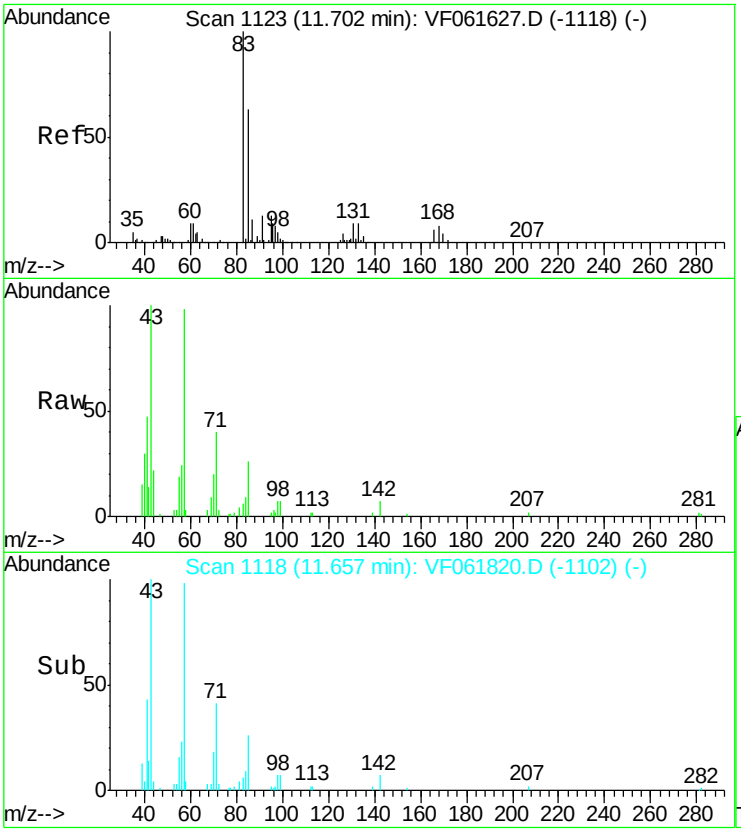


#74
N-amyl acetate
Concen: 401.080 ug/l
RT: 11.48 min Scan# 1100
Delta R.T. 0.10 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 43 Resp: 658

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.5	47.3#
55	108.2	16.7	25.1#
61	0.0	23.0	34.6#



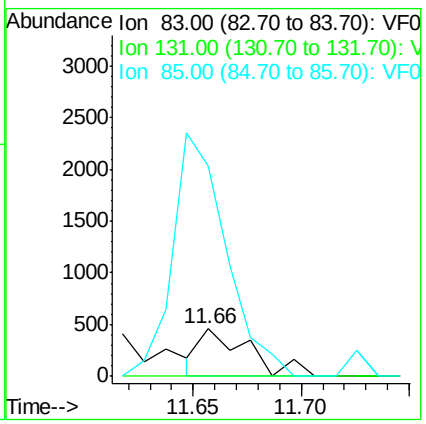


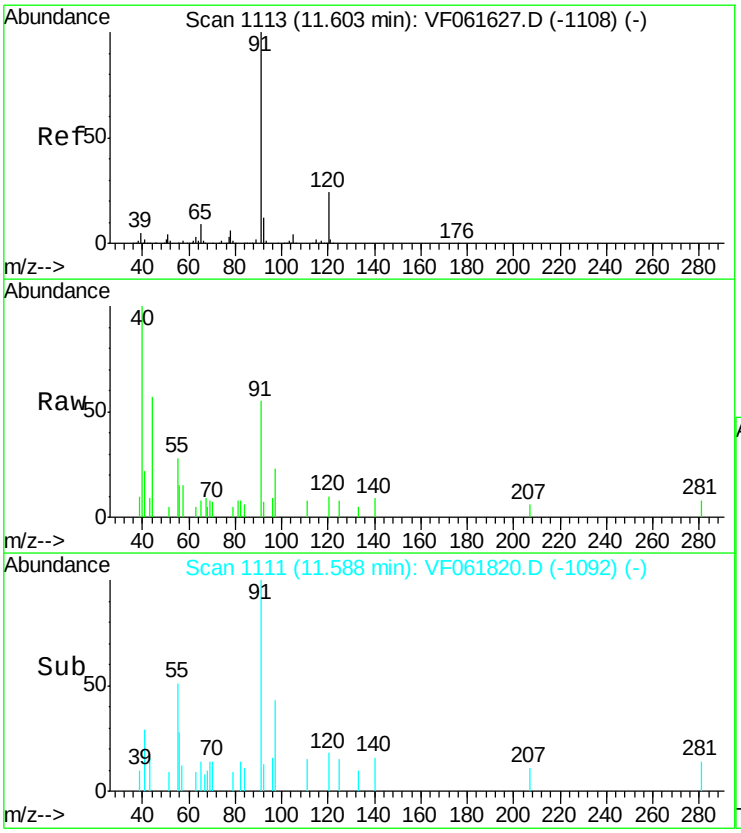
#75
1,1,2,2-Tetrachloroethane
Concen: 590.436 ug/l
RT: 11.66 min Scan# 1118
Delta R.T. -0.04 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion: 83 Resp: 723

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.4	13.2#
85	442.0	31.5	94.5#

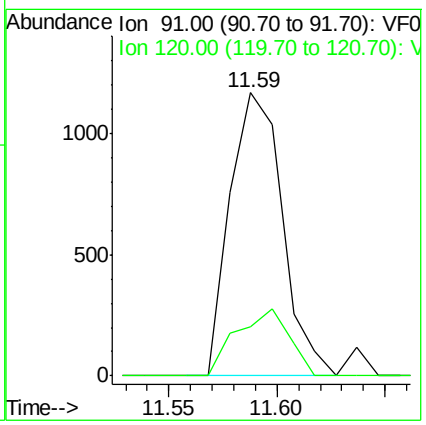


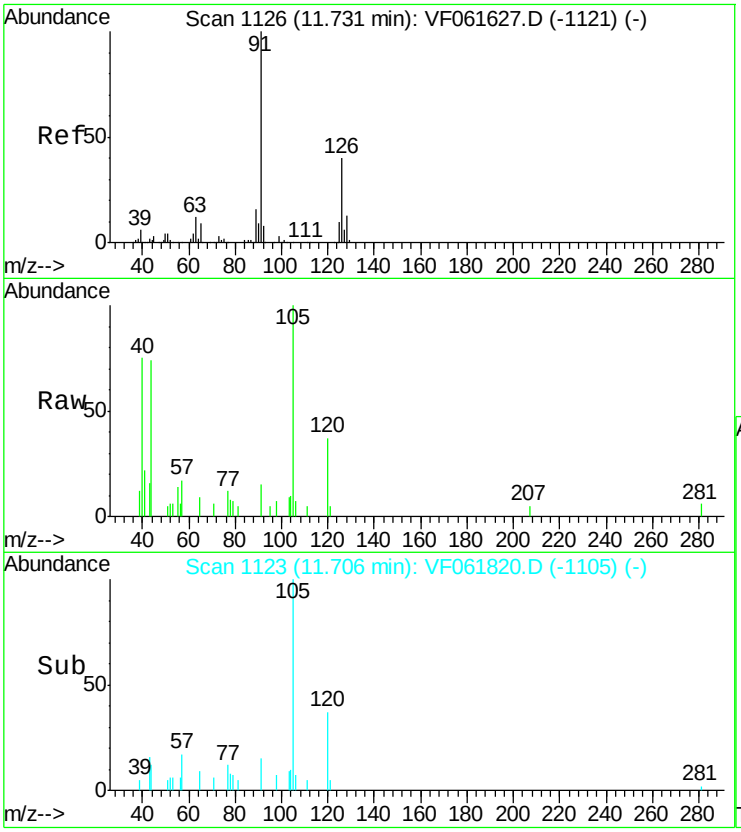


#78
n-propylbenzene
Concen: 250.912 ug/l
RT: 11.59 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 91 Resp: 1968

Ion	Ratio	Lower	Upper
91	100		
120	17.6	12.1	36.3



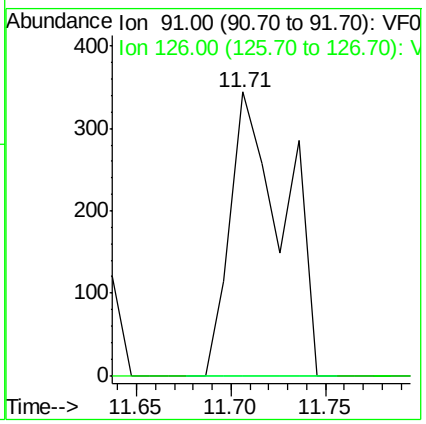


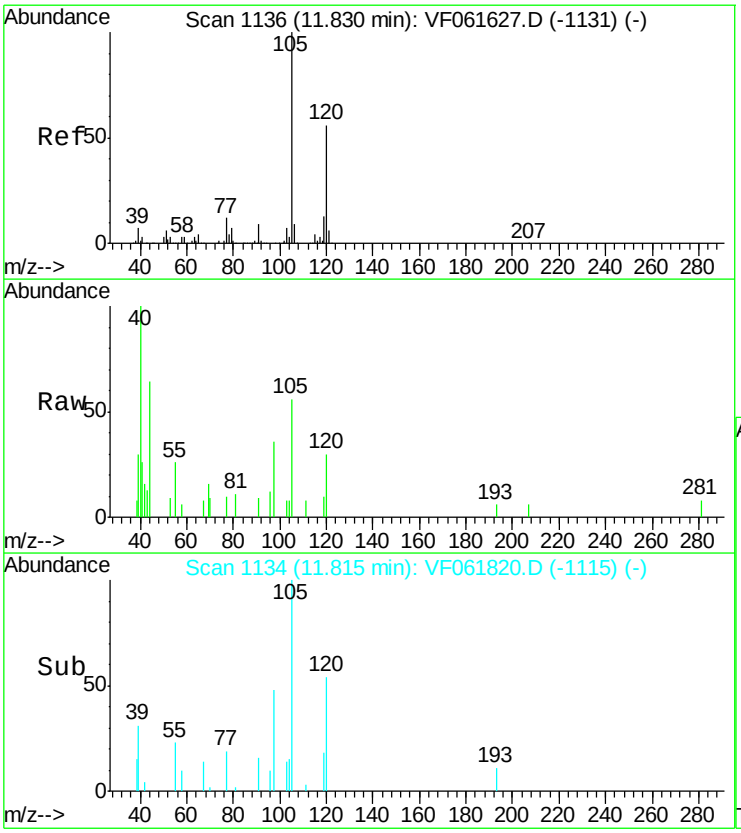
#79
2-Chlorotoluene
Concen: 154.803 ug/l
RT: 11.71 min Scan# 1123
Delta R.T. -0.03 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 91 Resp: 680

Ion	Ratio	Lower	Upper
91	100		
126	0.0	19.8	59.4#

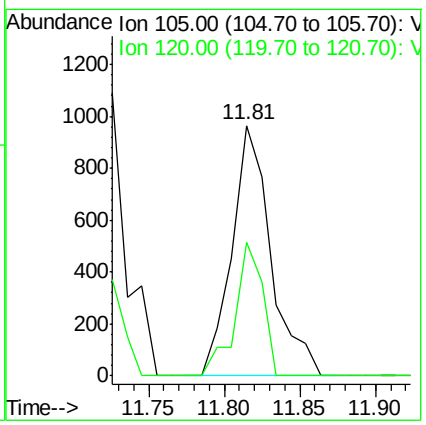


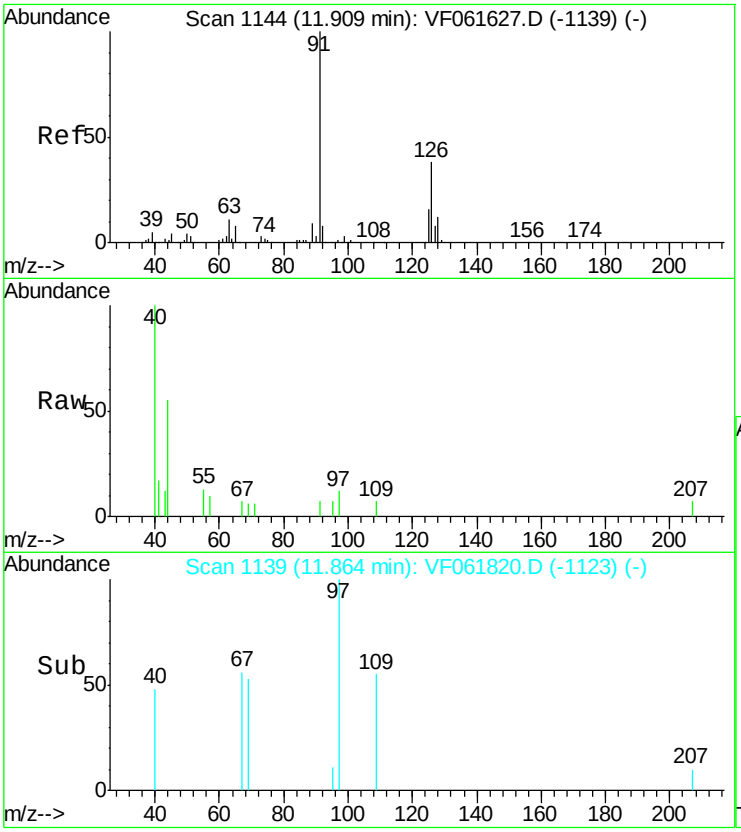


#80
1,3,5-Trimethylbenzene
Concen: 316.321 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. -0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion:105 Resp: 1728

Ion	Ratio	Lower	Upper
105	100		
120	53.6	27.9	83.6



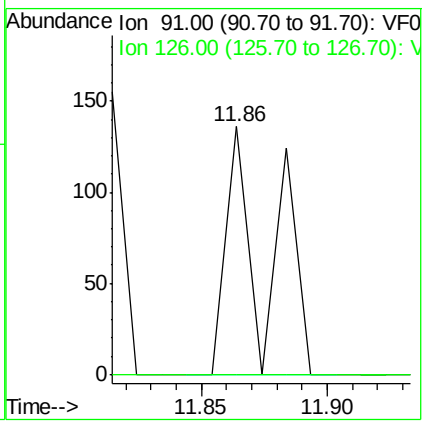


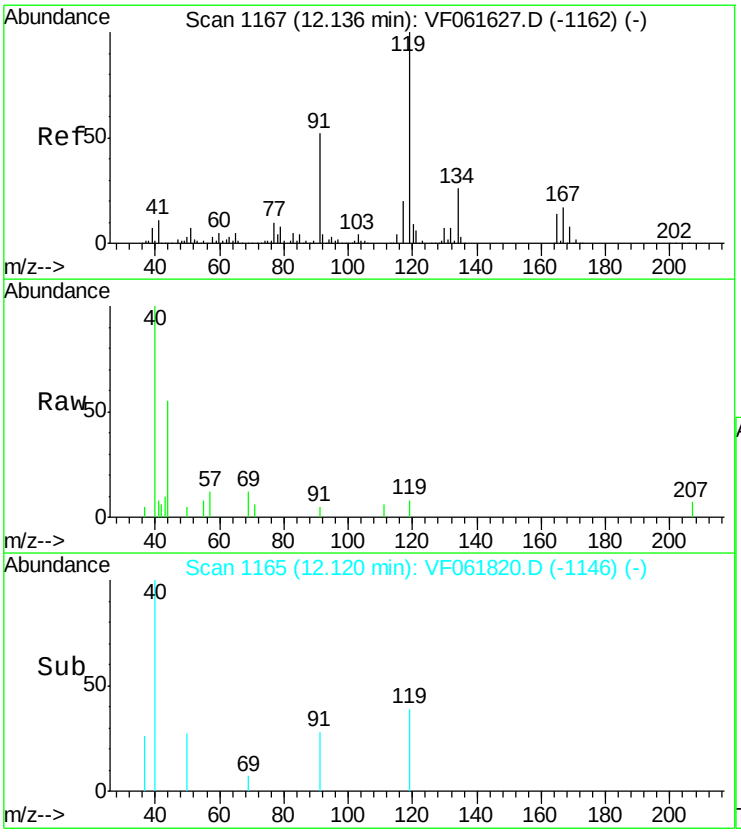
#82
4-Chlorotoluene
Concen: 33.777 ug/l
RT: 11.86 min Scan# 1139
Delta R.T. -0.04 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument : MSVOA_F
ClientSampleId : HR-06-022719-B

Tgt Ion: 91 Resp: 154

Ion	Ratio	Lower	Upper
91	100		
126	0.0	19.1	57.1#

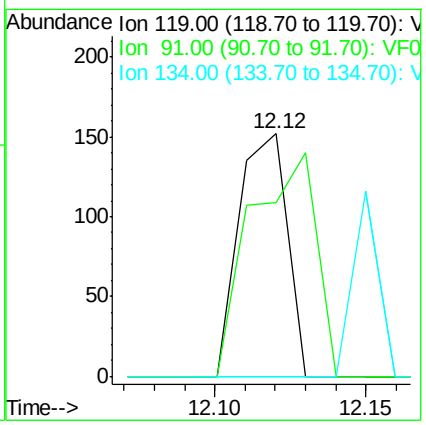


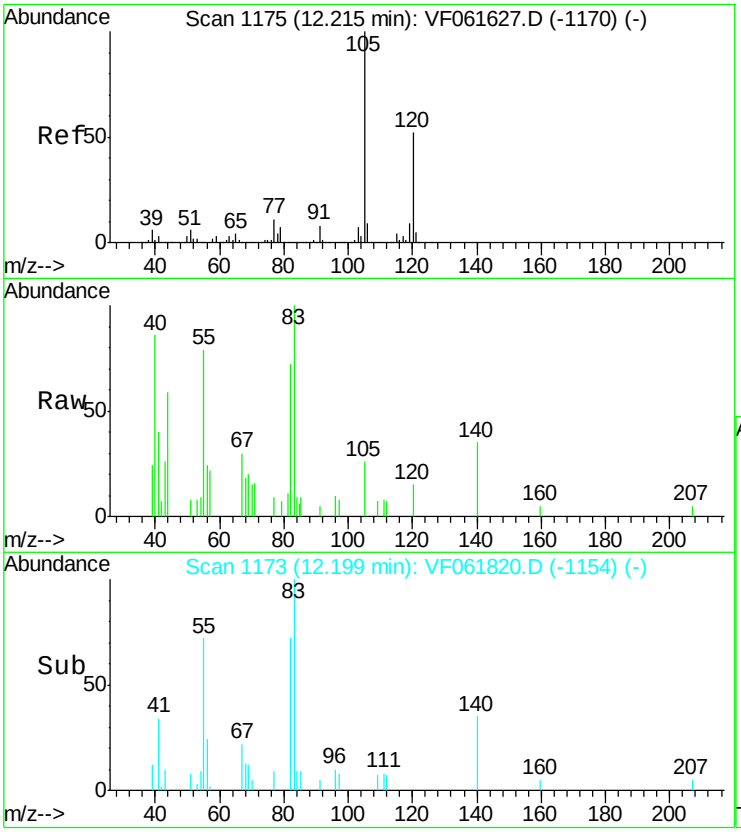


#83
tert-Butylbenzene
Concen: 28.096 ug/l
RT: 12.12 min Scan# 1165
Delta R.T. -0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion:119 Resp: 170

Ion	Ratio	Lower	Upper
119	100		
91	71.7	26.3	78.8
134	0.0	12.9	38.7#



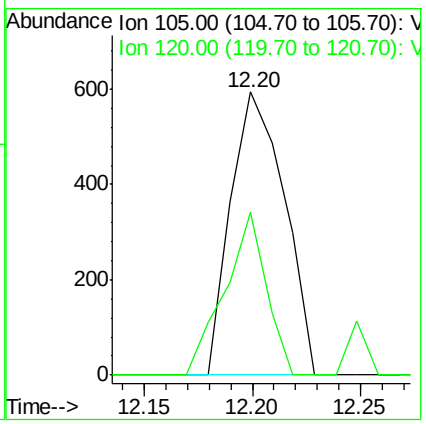


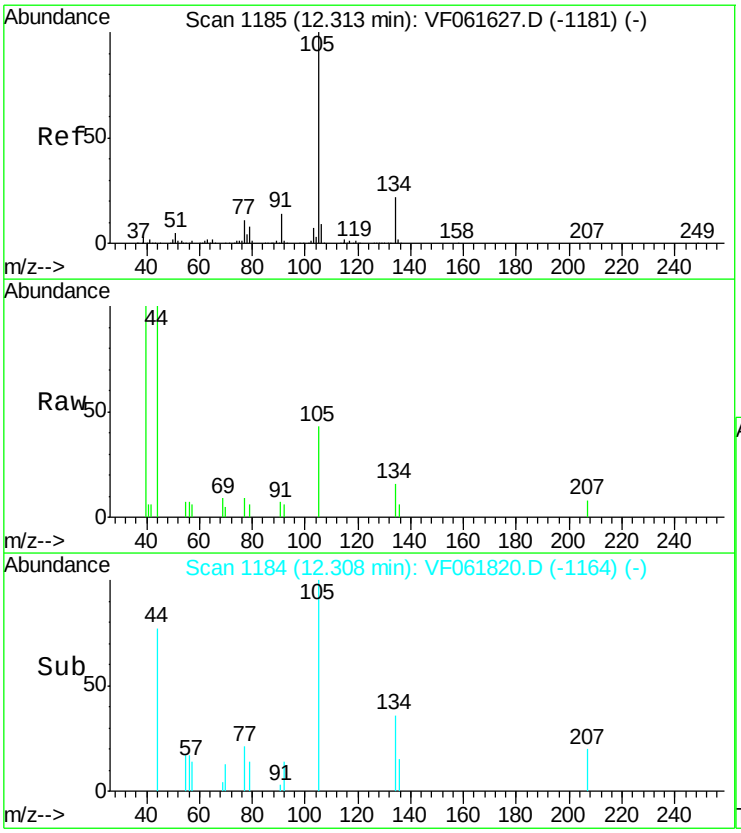
#84
1,2,4-Trimethylbenzene
Concen: 189.968 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.02 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion:105 Resp: 1031

Ion	Ratio	Lower	Upper
105	100		
120	57.4	26.1	78.3

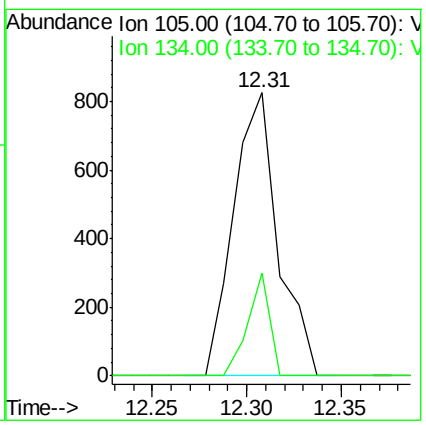


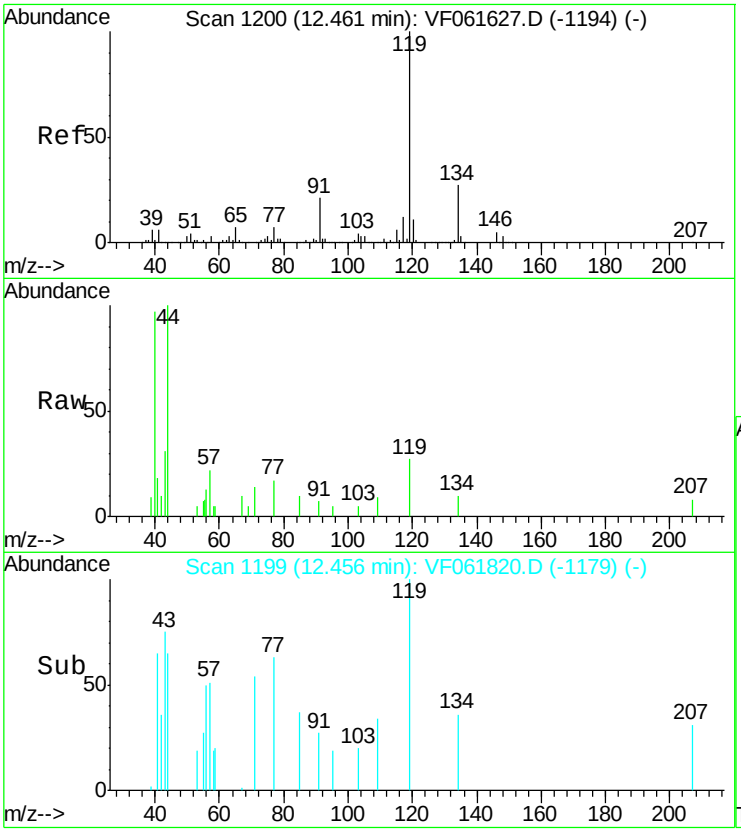


#85
sec-Butylbenzene
Concen: 171.514 ug/l
RT: 12.31 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion:105 Resp: 1342

Ion	Ratio	Lower	Upper
105	100		
134	36.1	10.8	32.4#



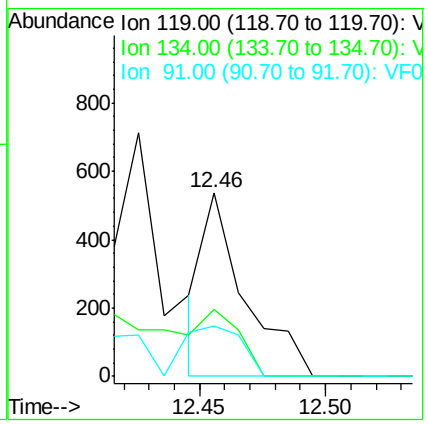


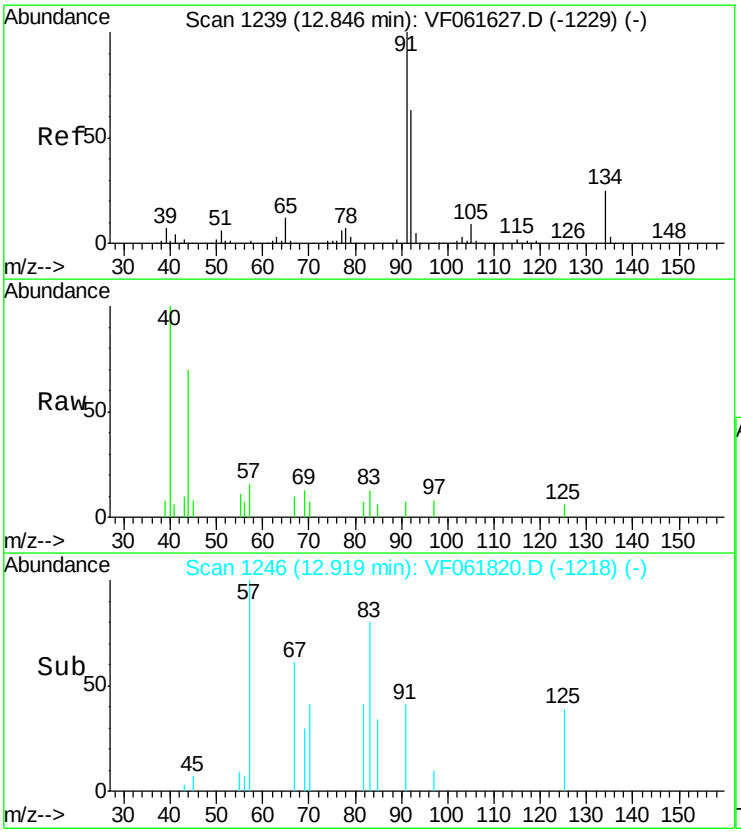
#86
p-Isopropyltoluene
Concen: 95.026 ug/l
RT: 12.46 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion:119 Resp: 624

Ion	Ratio	Lower	Upper
119	100		
134	36.4	13.7	41.1
91	27.1	10.8	32.4

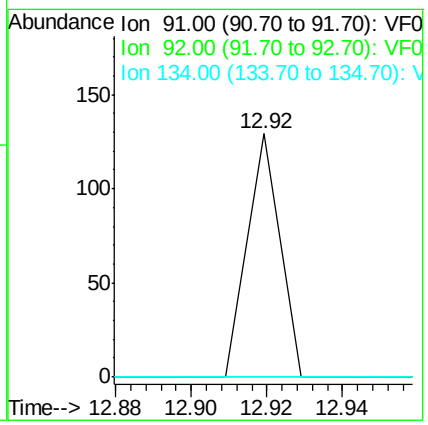


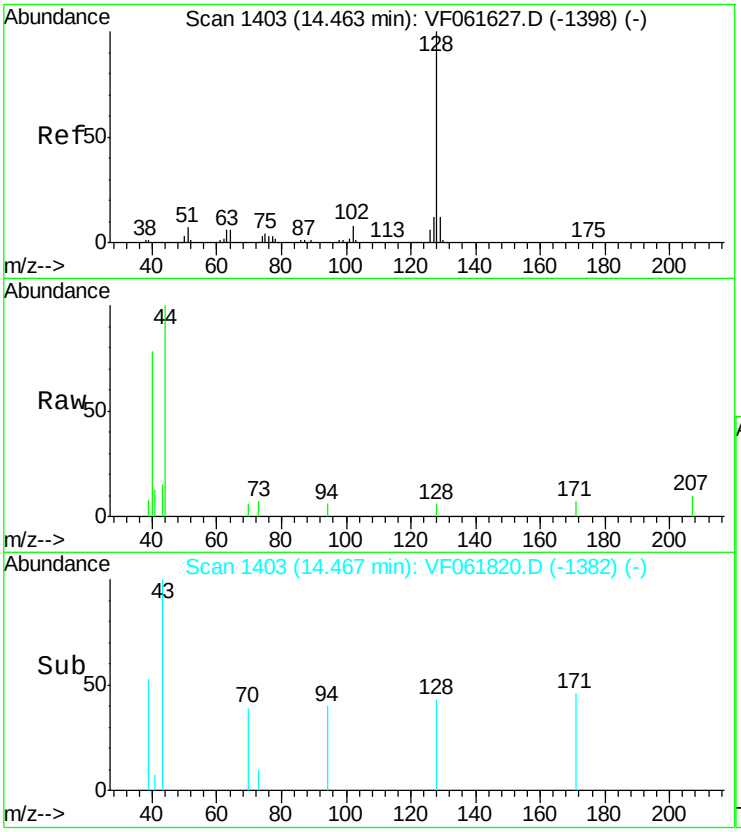


#89
n-Butylbenzene
Concen: 12.257 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. 0.07 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Tgt Ion: 91 Resp: 76

Ion	Ratio	Lower	Upper
91	100		
92	0.0	31.4	94.3#
134	0.0	12.3	36.9#





#95
Naphthalene
Concen: 17.318 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.00 min
Lab File: VF061820.D
Acq: 1 Mar 2019 23:37

Instrument :
MSVOA_F
ClientSampleId :
HR-06-022719-B

Tgt Ion:128 Resp: 68

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
129	0.0	9.4	14.2#