Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\
Data File : VF061941.D
Acq On : 14 Mar 2019 16:26
Operator : VA/AP
Sample : K1921-01
Misc : 6.16g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 282-346

Quant Time: Mar 15 01:17:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	762	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.60	114	744	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	60	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	73	13.15	ug/l	0.03
Spiked Amount 50.000			Recovery = 26.30%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	7.55	98	527	34.15	ug/l	-0.02
Spiked Amount 50.000			Recovery = 68.30%			
62) 4-Bromofluorobenzene	11.41	95	194	32.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.18%			
Target Compounds						Qvalue
3) Chloromethane	1.11	50	112	12.353	ug/l #	45
4) Vinyl Chloride	1.12	62	73	8.482	ug/l #	43
5) Bromomethane	1.32	94	228	38.871	ug/l #	3
10) Methyl Iodide	1.99	142	69	5.079	ug/l #	40
11) Tert butyl alcohol	2.45	59	118	374.640	ug/l #	64
12) 1,1-Dichloroethene	1.83	96	73	11.202	ug/l #	1
13) Acrolein	2.11	56	389	974.689	ug/l	87
14) Allyl chloride	2.07	41	1434	199.735	ug/l #	36
15) Acrylonitrile	2.97	53	353	351.964	ug/l #	30
16) Acetone	2.26	43	2043	1757.565	ug/l #	50
17) Carbon Disulfide	1.87	76	175	8.627	ug/l #	1
18) Methyl Acetate	2.38	43	1399	297.379	ug/l #	62
19) Methyl tert-butyl Ether	2.49	73	84	7.619	ug/l #	56
20) Methylene Chloride	2.19	84	163	22.331	ug/l #	56
21) trans-1,2-Dichloroethene	2.31	96	63	10.271	ug/l #	1
22) Diisopropyl ether	2.79	45	885	47.388	ug/l #	1
23) Vinyl Acetate	3.25	43	586	70.238	ug/l #	76
24) 1,1-Dichloroethane	2.86	63	65	5.823	ug/l #	85
25) 2-Butanone	4.34	43	184	77.820	ug/l #	56
27) cis-1,2-Dichloroethene	3.47	96	67	7.885	ug/l	1
28) Bromochloromethane	3.69	49	82	16.852	ug/l #	2
29) Tetrahydrofuran	4.10	42	250	245.168	ug/l #	33
31) Cyclohexane	3.71	56	63	5.388	ug/l #	1
32) 1,1,1-Trichloroethane	4.14	97	60	7.634	ug/l #	22
36) 1,1-Dichloropropene	4.21	75	66	9.391	ug/l #	41
37) Ethyl Acetate	4.09	43	222	75.258	ug/l #	20
39) Methylcyclohexane	5.36	83	59	7.108	ug/l #	15
41) Methacrylonitrile	4.73	41	149	92.192	ug/l #	24
43) Isopropyl Acetate	6.97	43	242	66.553	ug/l #	42
46) Dibromomethane	6.23	93	76	27.644	ug/l #	2
48) Methyl methacrylate	6.69	41	341	148.180	ug/l #	18
51) 4-Methyl-2-Pentanone	8.27	43	118	46.954	ug/l #	35
52) Toluene	7.60	92	124	11.410	ug/l #	1
53) t-1,3-Dichloropropene	8.24	75	71	14.162	ug/l #	40

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\
Data File : VF061941.D
Acq On : 14 Mar 2019 16:26
Operator : VA/AP
Sample : K1921-01
Misc : 6.16g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 282-346

Quant Time: Mar 15 01:17:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
54) cis-1,3-Dichloropropene	7.32	75	77	11.135 ug/l #	36
57) 1,3-Dichloropropane	8.99	76	60	11.717 ug/l #	43
59) 2-Hexanone	9.49	43	127	70.050 ug/l #	22
68) m/p-Xylenes	10.16	106	59	80.609 ug/l #	1
70) Styrene	10.87	104	95	85.649 ug/l #	33
74) N-amyl acetate	11.41	43	257	81.896 ug/l #	42
78) n-propylbenzene	11.57	91	64	4.158 ug/l #	54
79) 2-Chlorotoluene	11.57	91	64	7.272 ug/l #	39
80) 1,3,5-Trimethylbenzene	11.82	105	86	7.858 ug/l #	24
82) 4-Chlorotoluene	11.90	91	143	15.886 ug/l #	41
83) tert-Butylbenzene	12.14	119	64	5.507 ug/l #	36
84) 1,2,4-Trimethylbenzene	12.21	105	76	7.084 ug/l #	26
85) sec-Butylbenzene	12.32	105	180	11.903 ug/l #	57
89) n-Butylbenzene	12.84	91	159	12.943 ug/l #	26
93) 1,2,4-Trichlorobenzene	14.19	180	67	16.193 ug/l #	11
95) Naphthalene	14.46	128	509	69.070 ug/l #	55
96) 1,2,3-Trichlorobenzene	14.60	180	173	45.285 ug/l #	10

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031419\
Data File : VF061941.D
Acq On : 14 Mar 2019 16:26
Operator : VA/AP
Sample : K1921-01
Misc : 6.16g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
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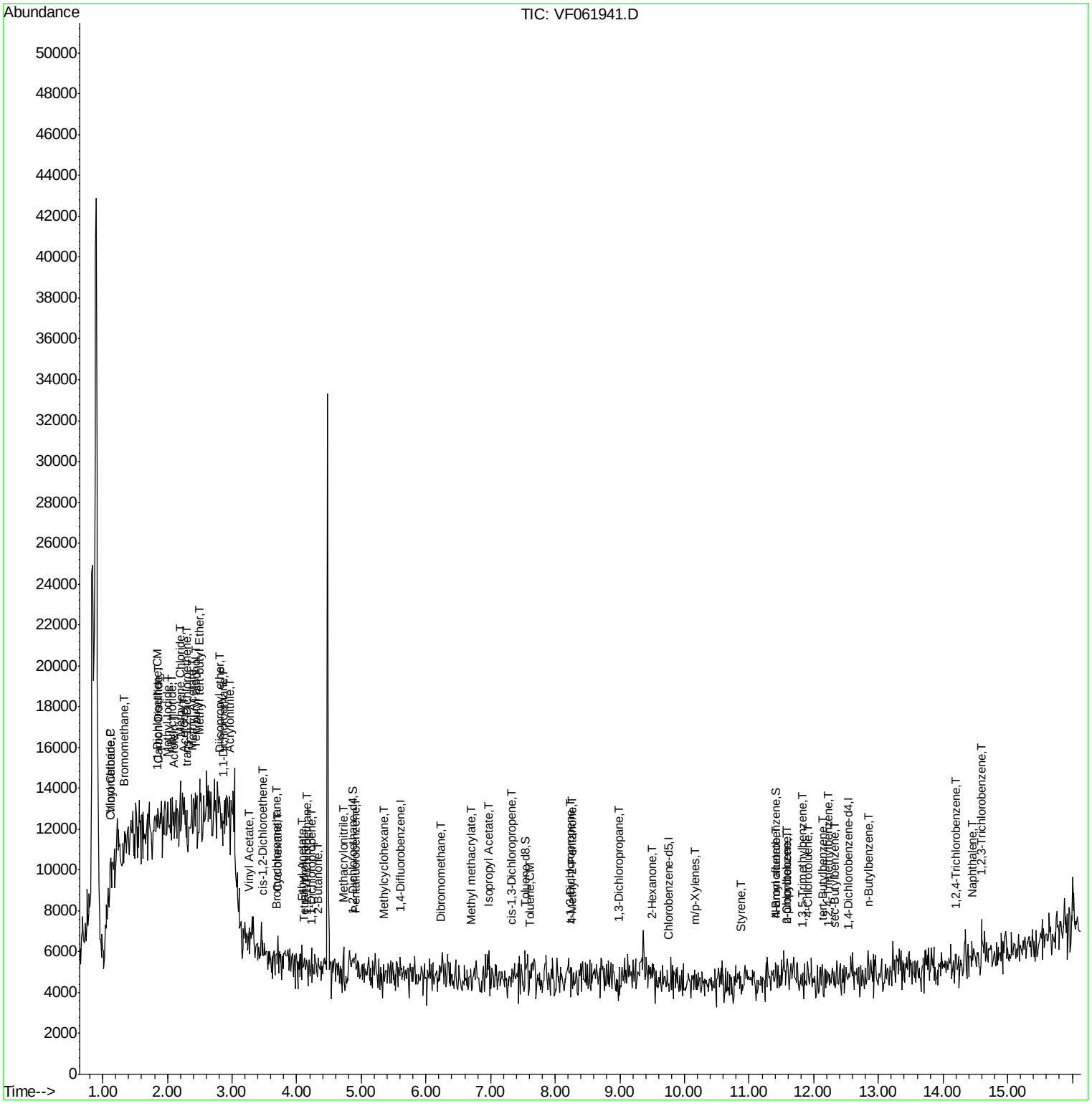
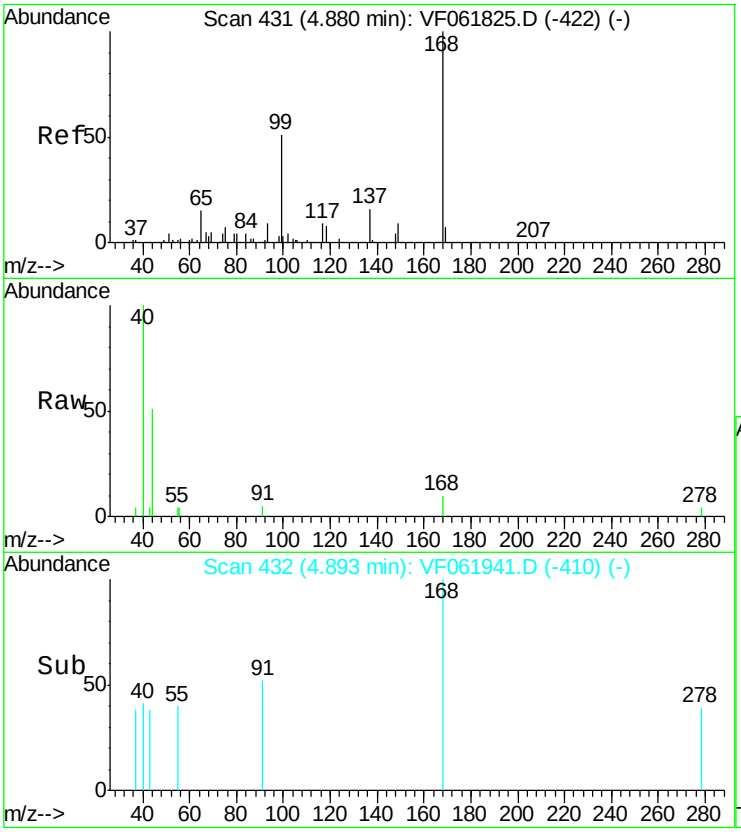
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration



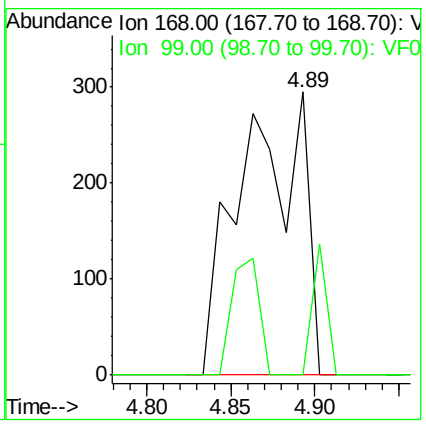


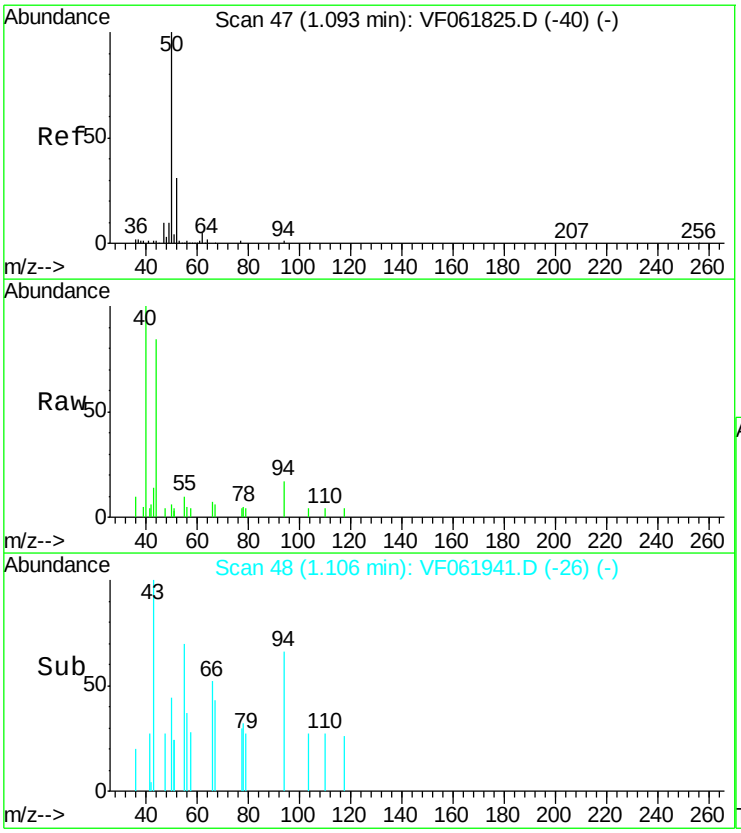
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument :
MSVOA_F
ClientSampleId :
282-346

Tgt Ion:168 Resp: 762

Ion	Ratio	Lower	Upper
168	100		
99	0.0	40.8	61.2#

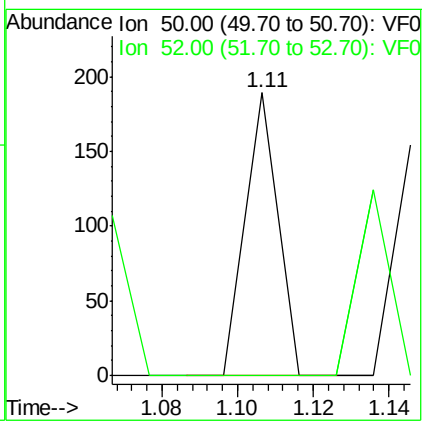


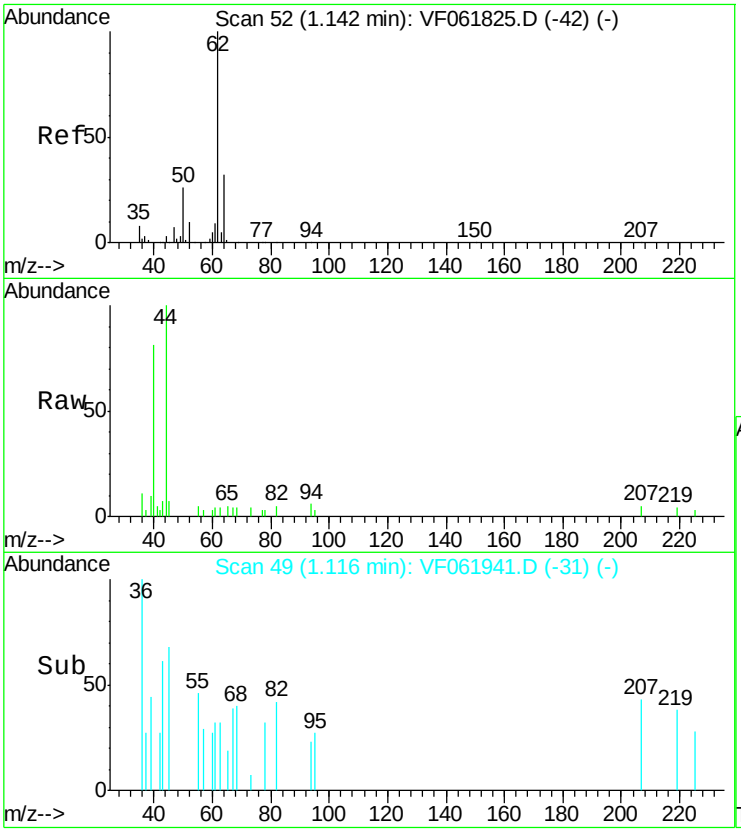


#3
Chloromethane
Concen: 12.353 ug/l
RT: 1.11 min Scan# 48
Delta R.T. 0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 50 Resp: 112

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.8	35.8#



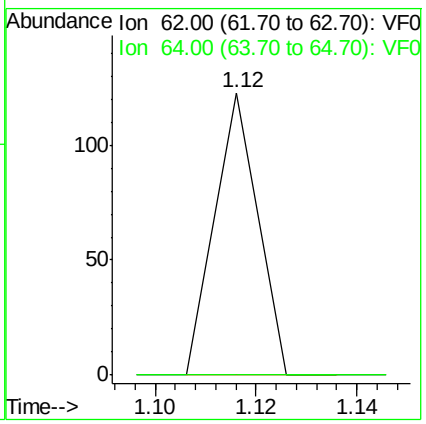


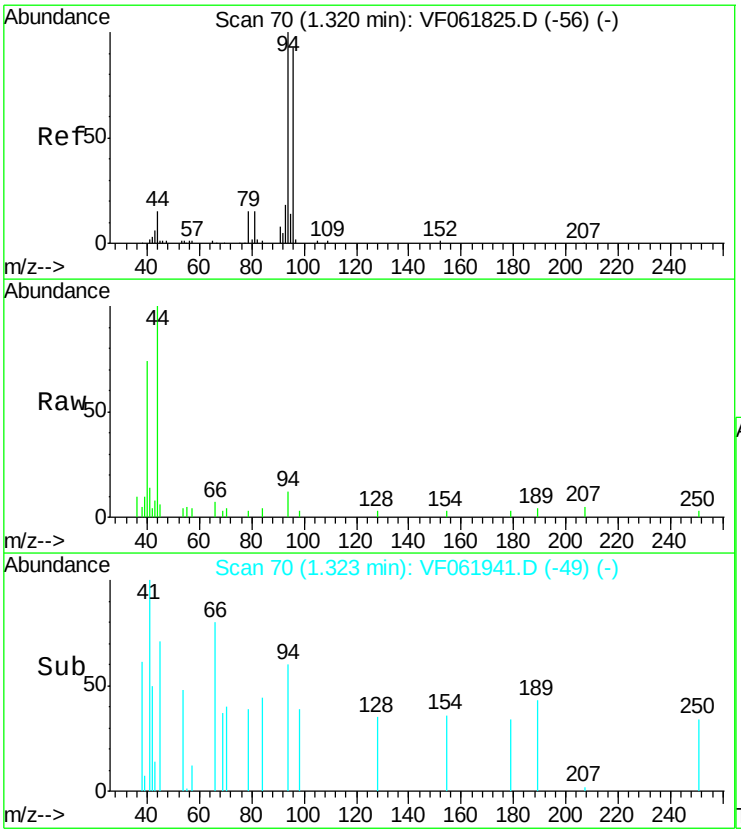
#4
Vinyl Chloride
Concen: 8.482 ug/l
RT: 1.12 min Scan# 49
Delta R.T. -0.03 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 62 Resp: 73

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.2	37.8#

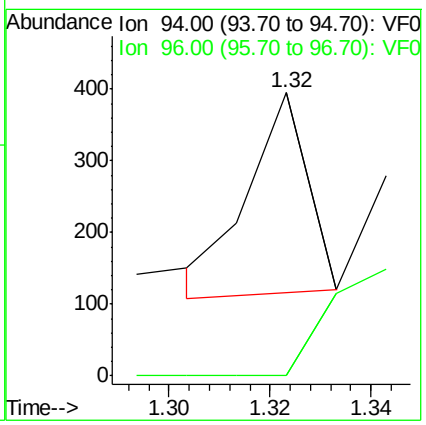


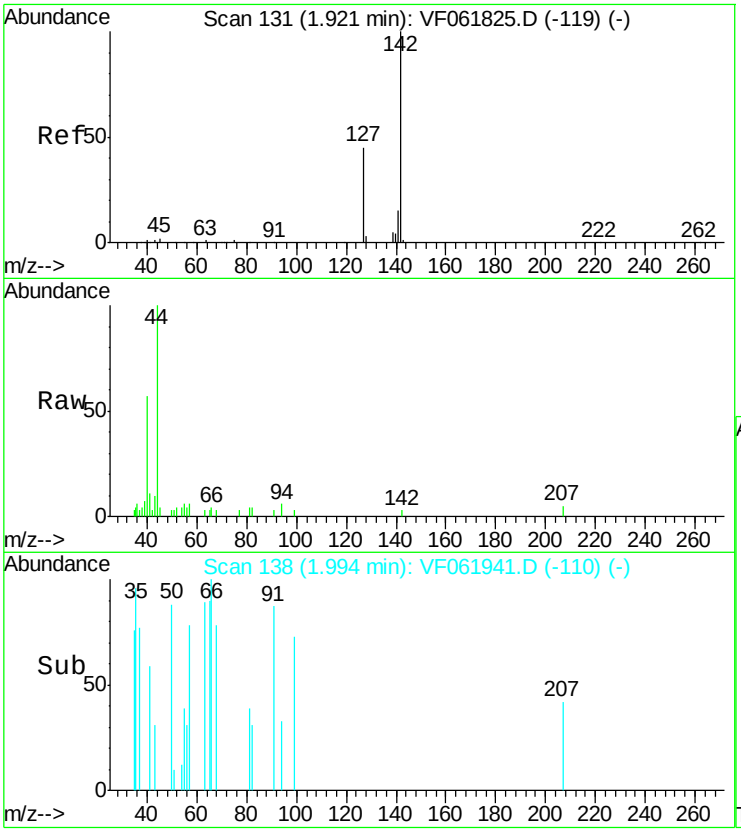


#5
Bromomethane
Concen: 38.871 ug/l
RT: 1.32 min Scan# 70
Delta R.T. 0.00 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 94 Resp: 228

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.2	112.8#



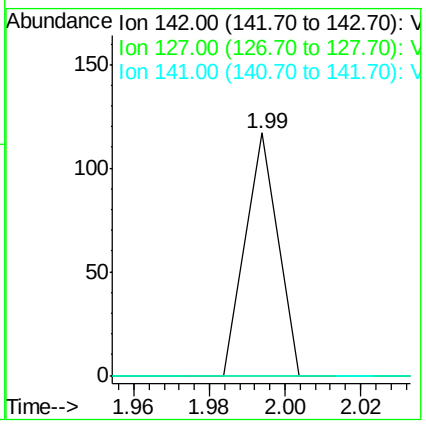


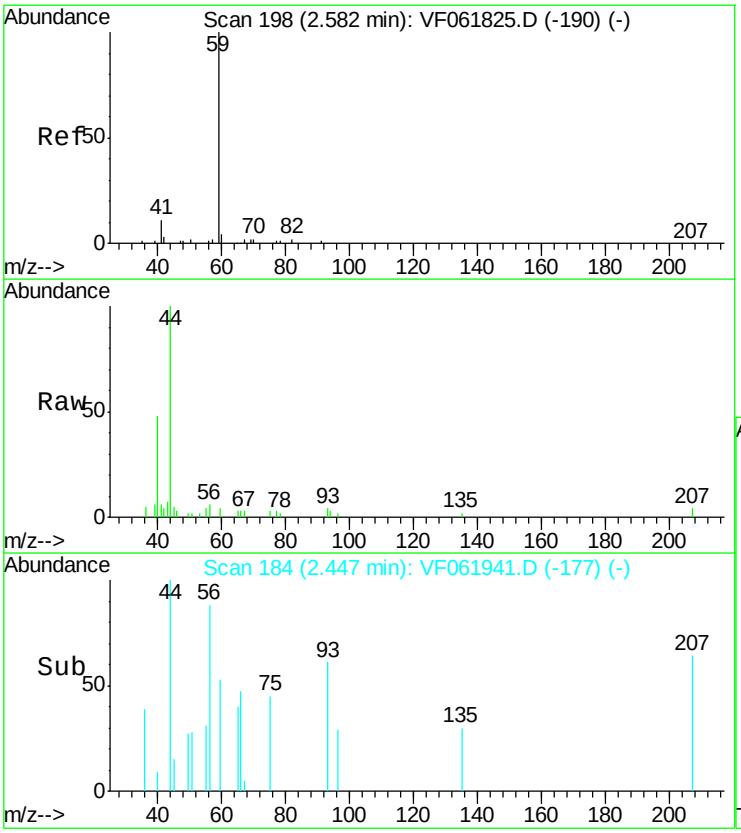
#10
Methyl Iodide
Concen: 5.079 ug/l
RT: 1.99 min Scan# 138
Delta R.T. 0.07 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion:142 Resp: 69

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.8	53.6#
141	0.0	11.7	17.5#

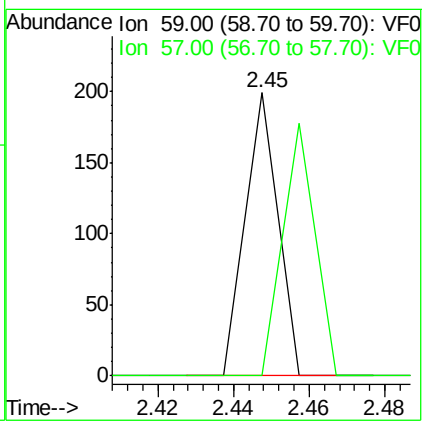


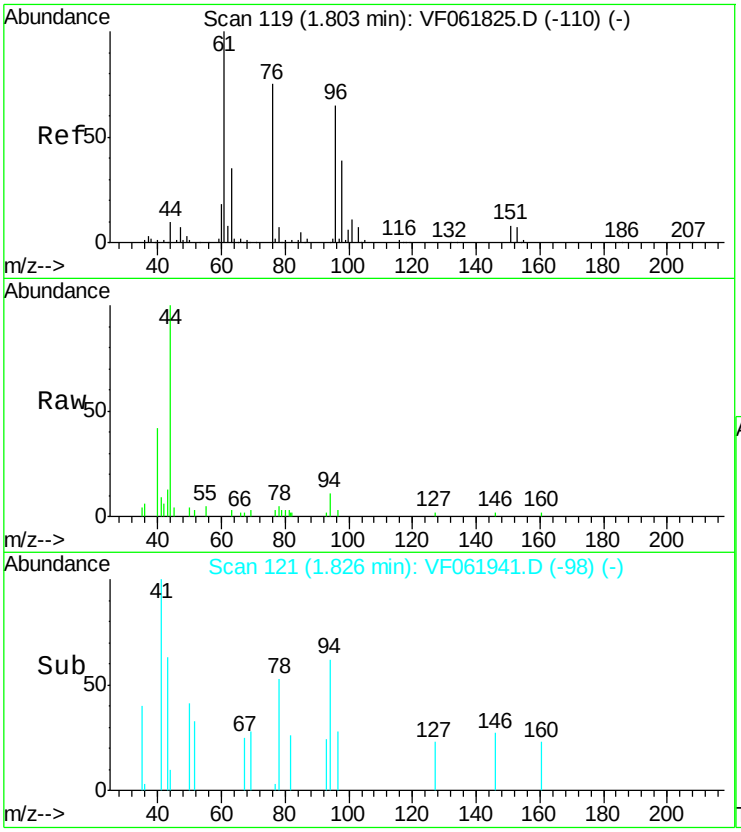


#11
Tert butyl alcohol
Concen: 374.640 ug/l
RT: 2.45 min Scan# 184
Delta R.T. -0.13 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 59 Resp: 118

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.8	17.6#



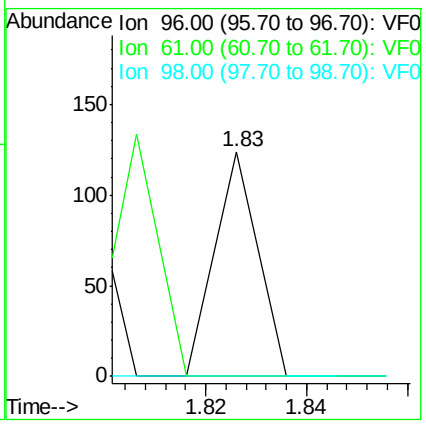


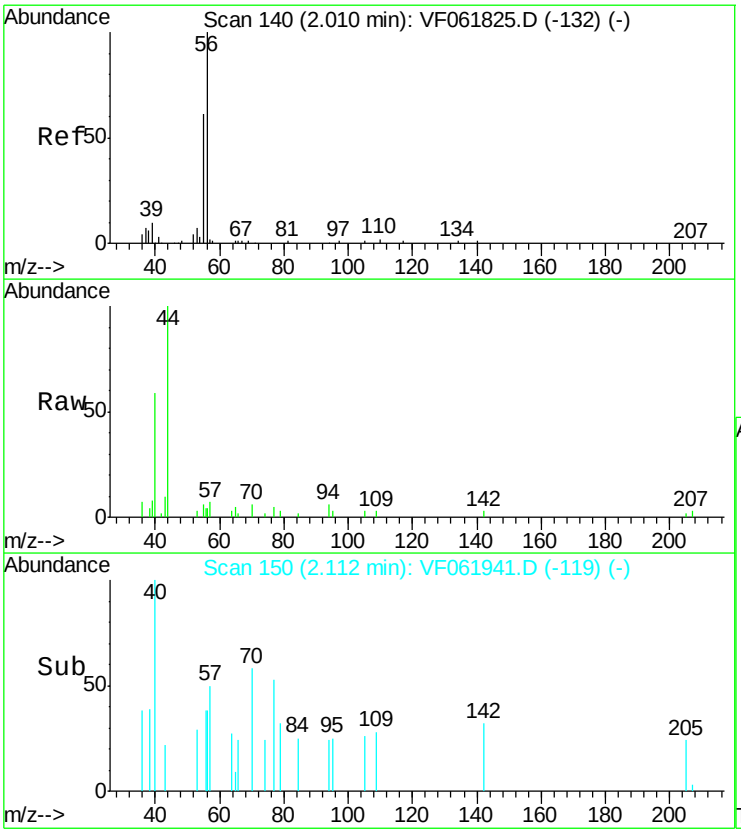
#12
1,1-Dichloroethene
Concen: 11.202 ug/l
RT: 1.83 min Scan# 121
Delta R.T. 0.02 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 96 Resp: 73

Ion	Ratio	Lower	Upper
96	100		
61	0.0	122.5	183.7#
98	0.0	47.1	70.7#

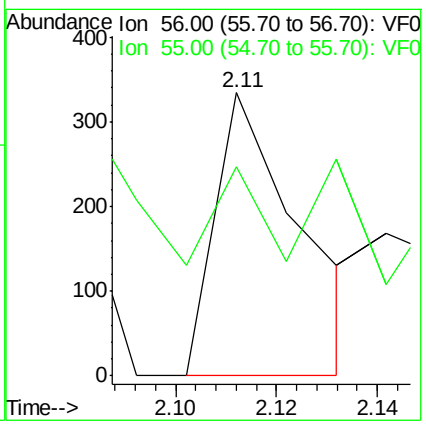


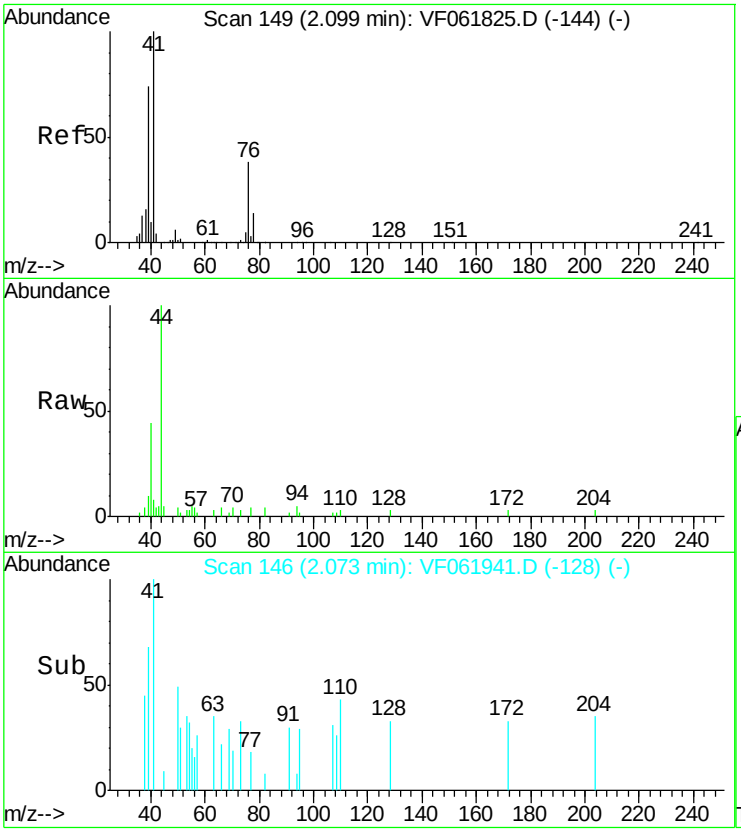


#13
Acrolein
Concen: 974.689 ug/l
RT: 2.11 min Scan# 150
Delta R.T. 0.10 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 56 Resp: 389

Ion	Ratio	Lower	Upper
56	100		
55	74.0	51.3	76.9



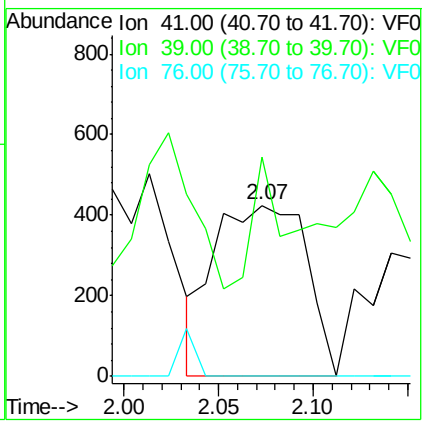


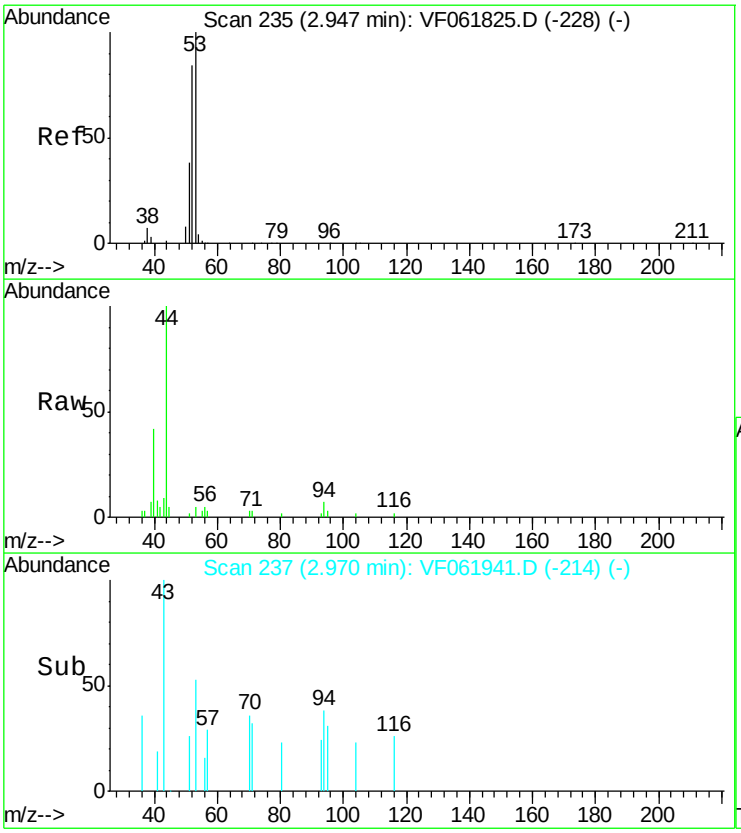
#14
Allyl chloride
Concen: 199.735 ug/l
RT: 2.07 min Scan# 146
Delta R.T. -0.03 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 41 Resp: 1434

Ion	Ratio	Lower	Upper
41	100		
39	128.2	59.6	89.4#
76	0.0	32.3	48.5#

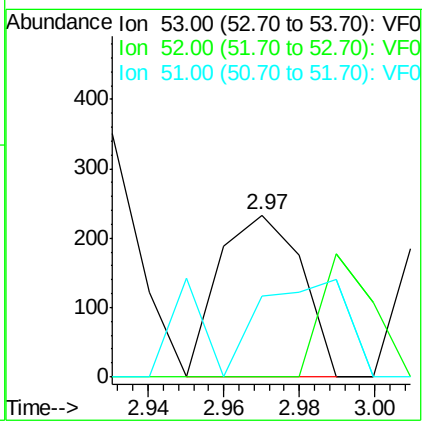


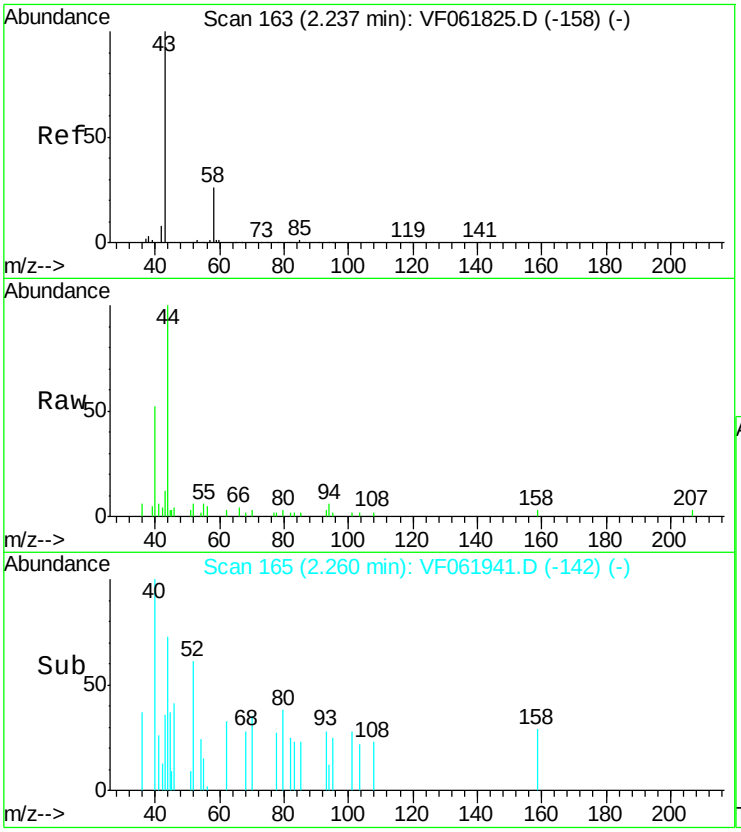


#15
Acrylonitrile
Concen: 351.964 ug/l
RT: 2.97 min Scan# 237
Delta R.T. 0.02 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 53 Resp: 353

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.4	101.0#
51	50.2	30.7	46.1#



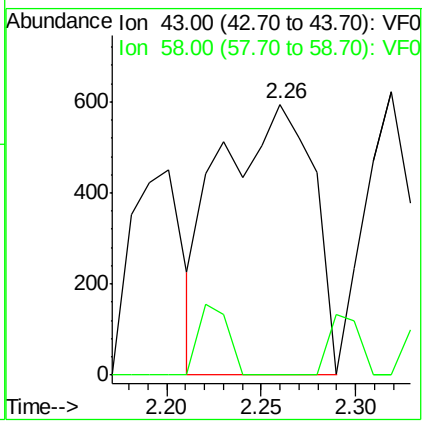


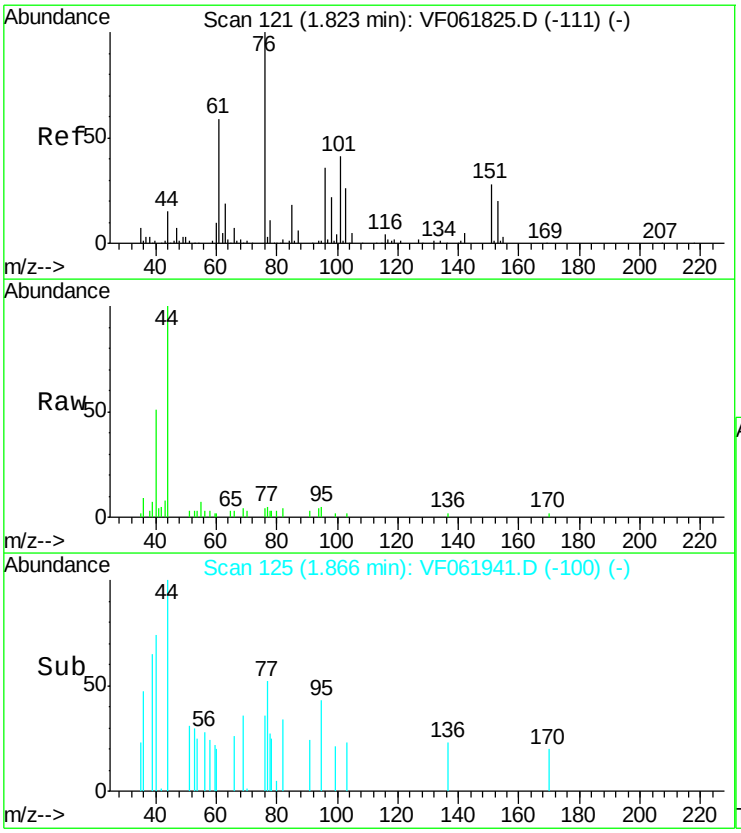
#16
Acetone
Concen: 1757.565 ug/l
RT: 2.26 min Scan# 165
Delta R.T. 0.02 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 43 Resp: 2043

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.3	30.5#

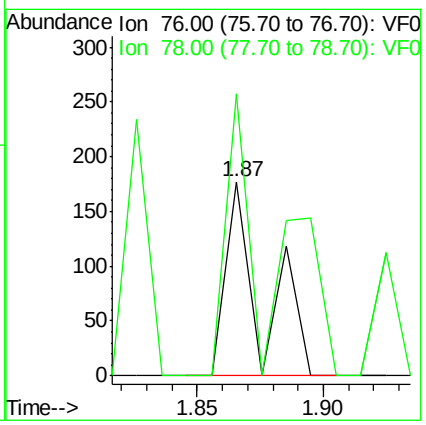


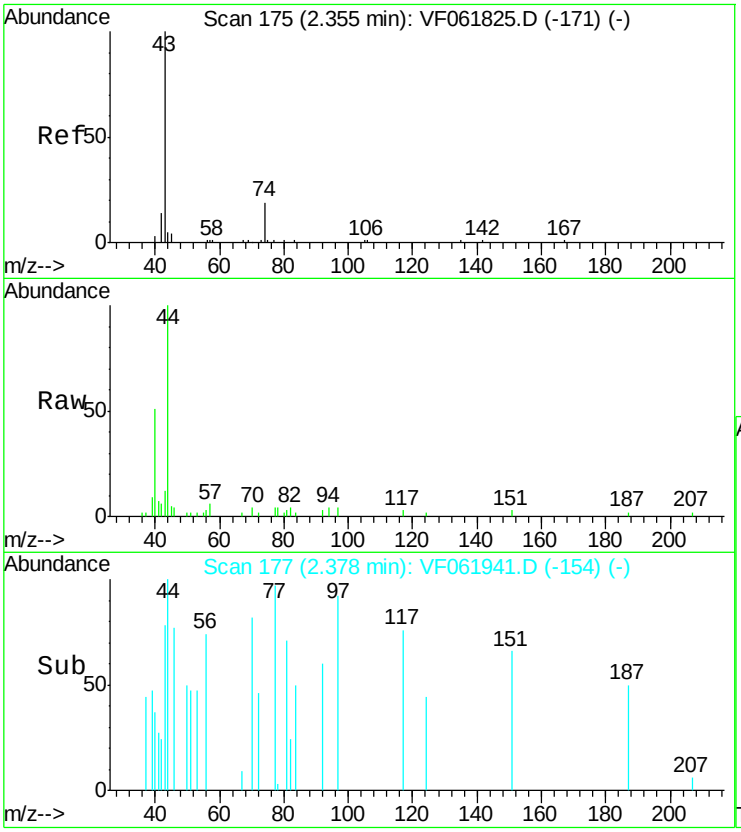


#17
Carbon Disulfide
Concen: 8.627 ug/l
RT: 1.87 min Scan# 125
Delta R.T. 0.04 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 76 Resp: 175

Ion	Ratio	Lower	Upper
76	100		
78	145.8	9.1	13.7#



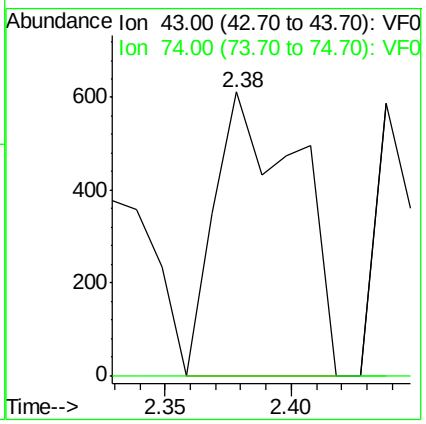


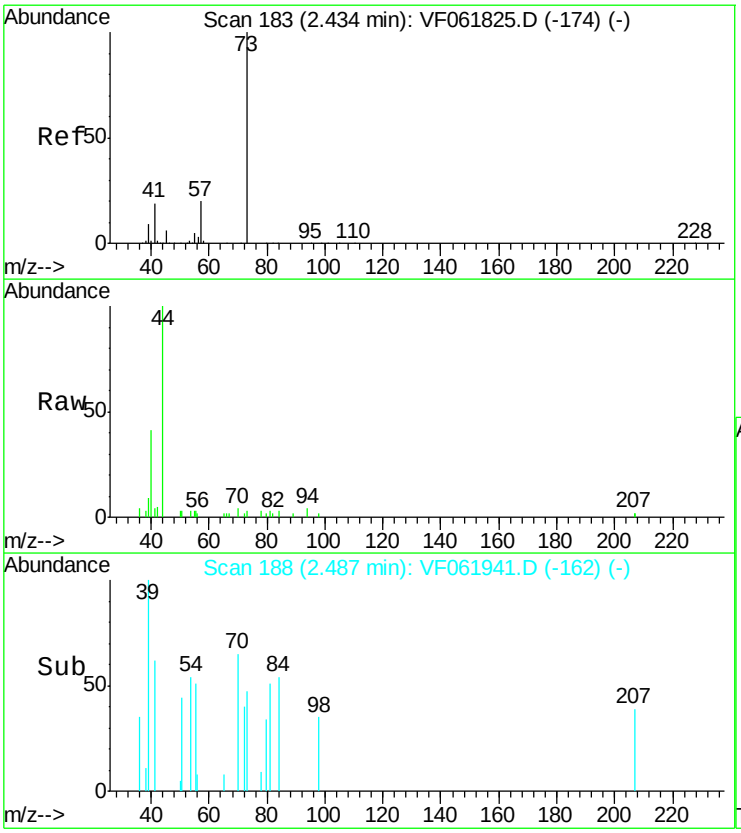
#18
Methyl Acetate
Concen: 297.379 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.02 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 43 Resp: 1399

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.2	19.8#

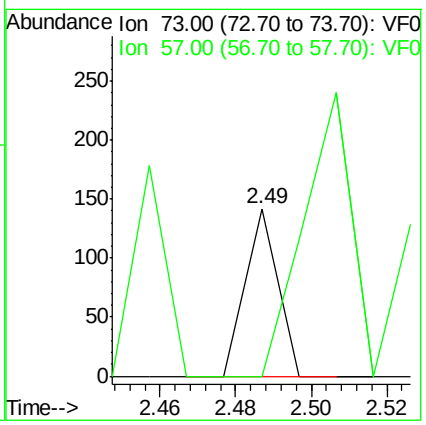


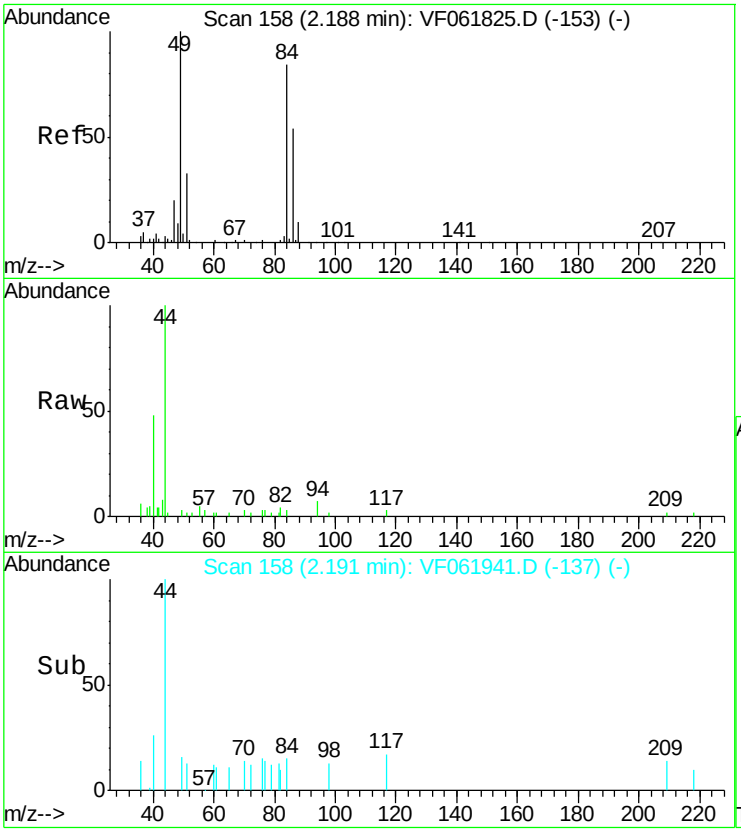


#19
Methyl tert-butyl Ether
Concen: 7.619 ug/l
RT: 2.49 min Scan# 188
Delta R.T. 0.05 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 73 Resp: 84

Ion	Ratio	Lower	Upper
73	100		
57	0.0	16.1	24.1#



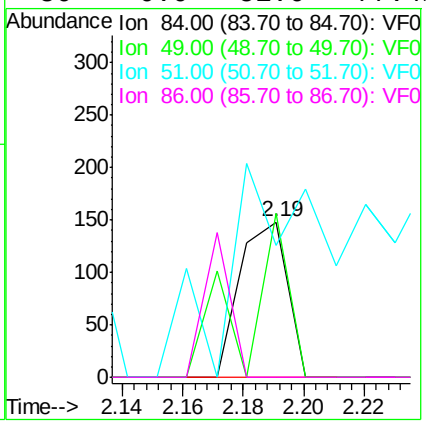


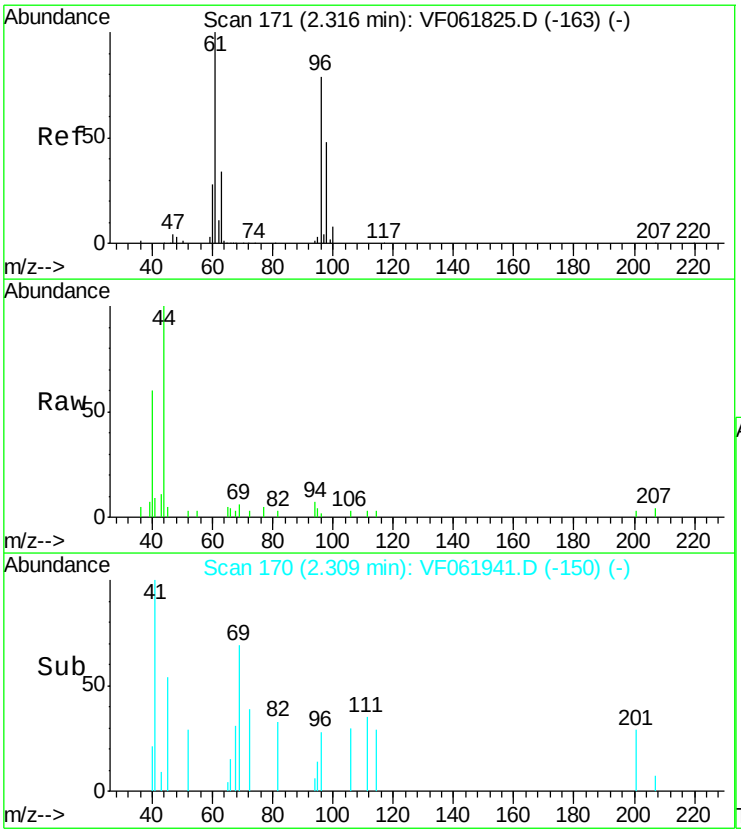
#20
Methylene Chloride
Concen: 22.331 ug/l
RT: 2.19 min Scan# 158
Delta R.T. 0.00 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 84 Resp: 163

Ion	Ratio	Lower	Upper
84	100		
49	105.4	96.8	145.2
51	85.1	31.8	47.6#
86	0.0	51.6	77.4#

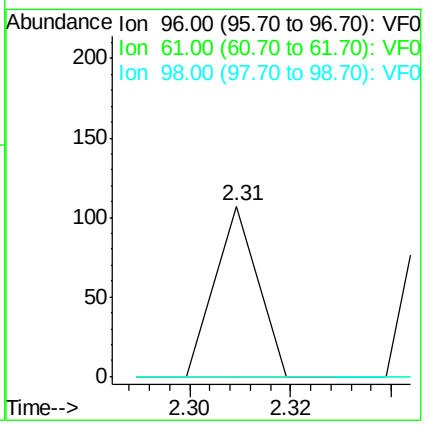


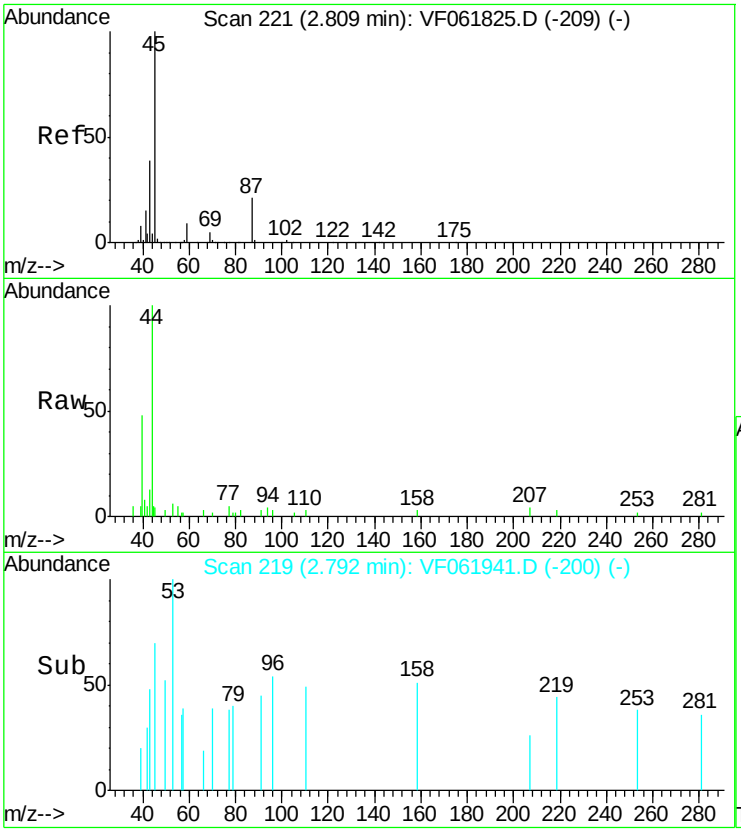


#21
trans-1,2-Dichloroethene
Concen: 10.271 ug/l
RT: 2.31 min Scan# 170
Delta R.T. -0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 96 Resp: 63

Ion	Ratio	Lower	Upper
96	100		
61	0.0	101.0	151.6#
98	0.0	48.8	73.2#



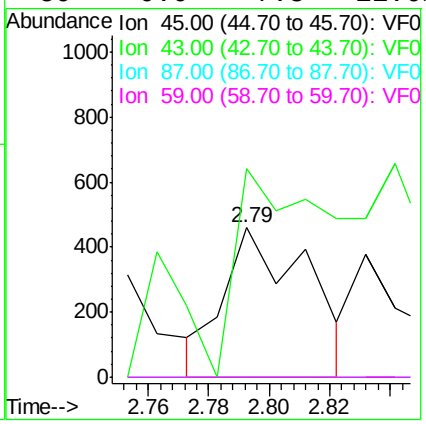


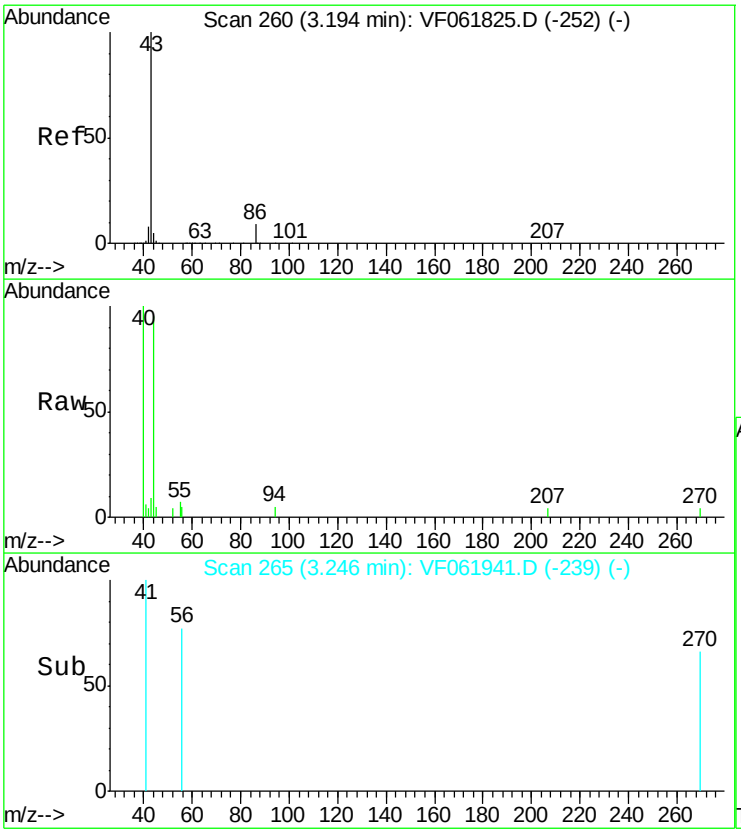
#22
Diisopropyl ether
Concen: 47.388 ug/l
RT: 2.79 min Scan# 219
Delta R.T. -0.02 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 45 Resp: 885

Ion	Ratio	Lower	Upper
45	100		
43	139.3	31.8	47.8#
87	0.0	17.1	25.7#
59	0.0	7.8	11.6#

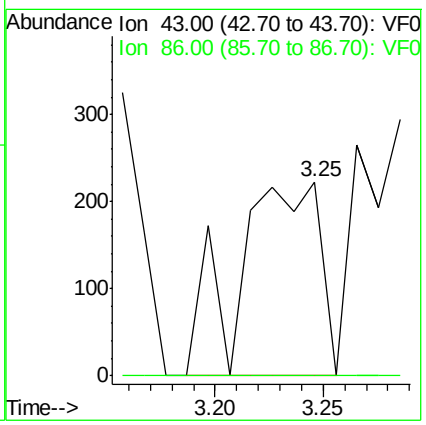


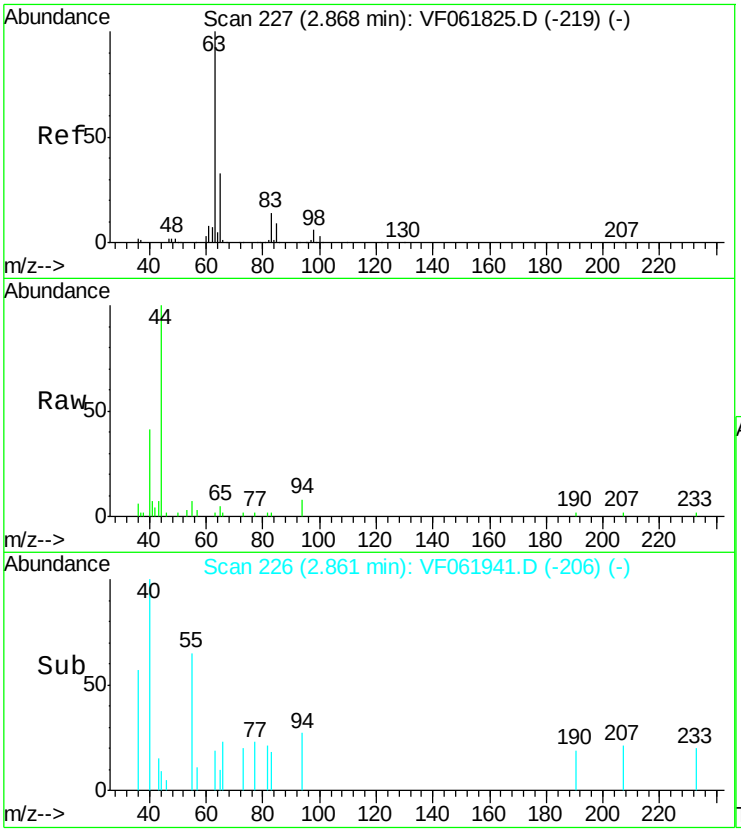


#23
Vinyl Acetate
Concen: 70.238 ug/l
RT: 3.25 min Scan# 265
Delta R.T. 0.05 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 43 Resp: 586

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.0	10.4#



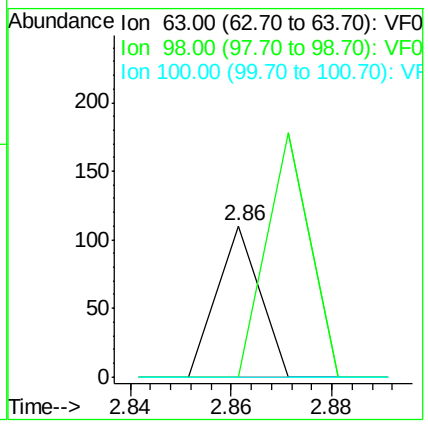


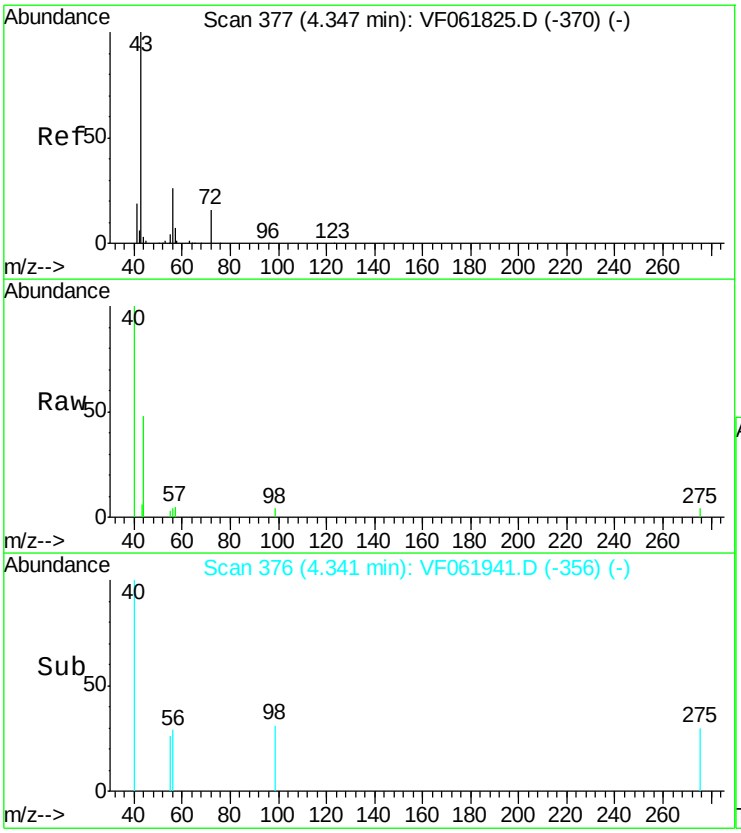
#24
1,1-Dichloroethane
Concen: 5.823 ug/l
RT: 2.86 min Scan# 226
Delta R.T. -0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 63 Resp: 65

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.9	8.6#
100	0.0	1.8	5.3#

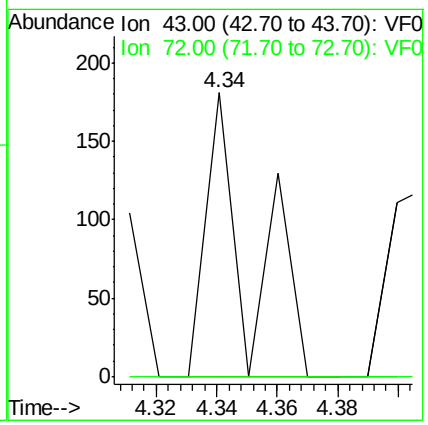


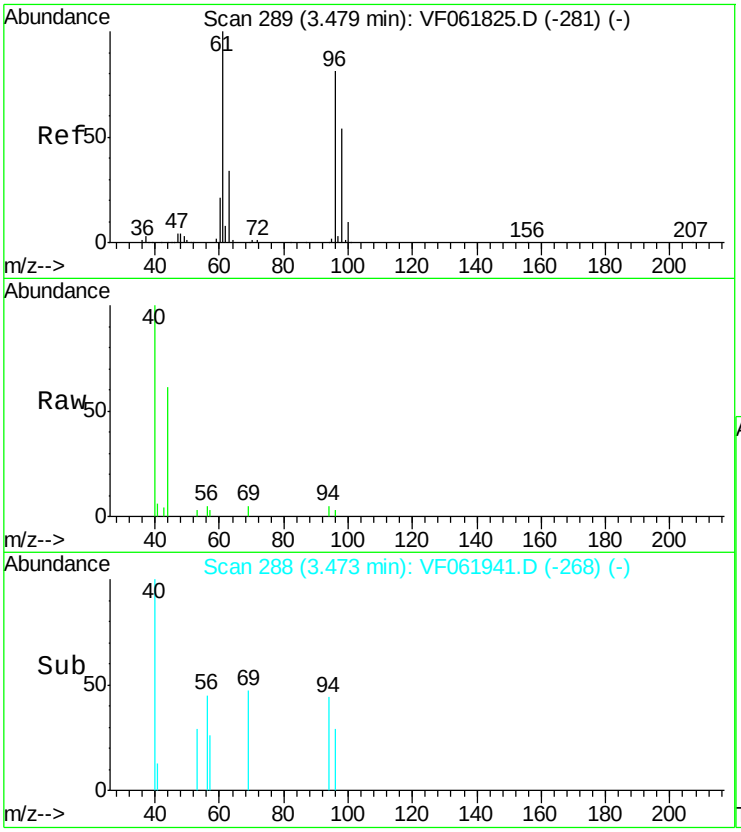


#25
2-Butanone
Concen: 77.820 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 43 Resp: 184

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#



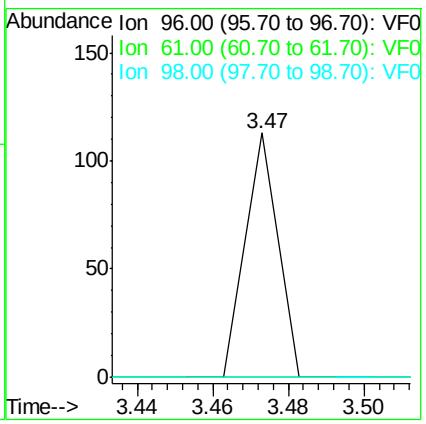


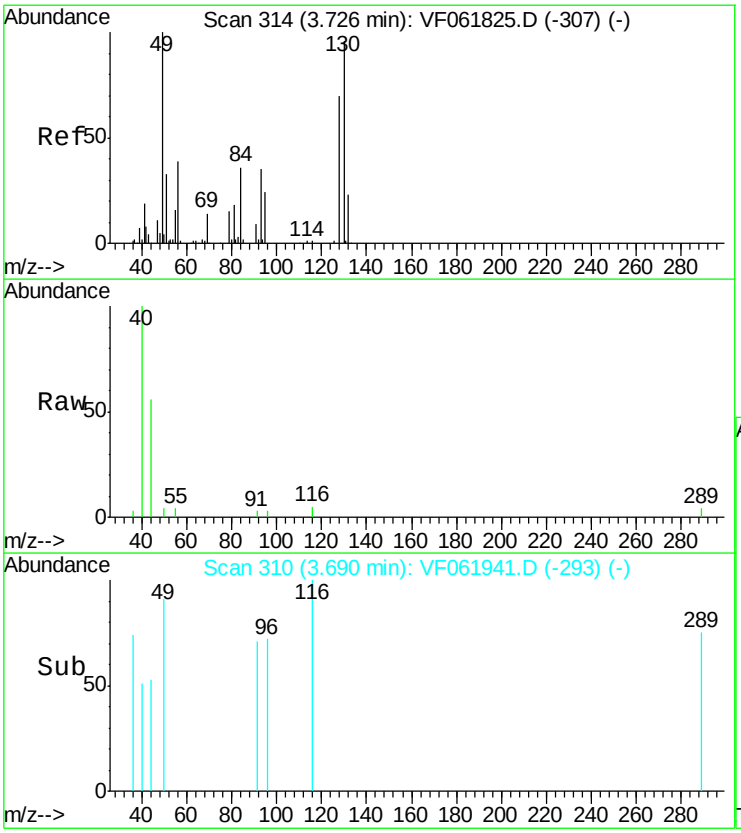
#27
cis-1,2-Dichloroethene
Concen: 7.885 ug/l
RT: 3.47 min Scan# 288
Delta R.T. -0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument :
MSVOA_F
ClientSampleId :
282-346

Tgt Ion: 96 Resp: 67

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	245.8
98	0.0	0.0	132.6

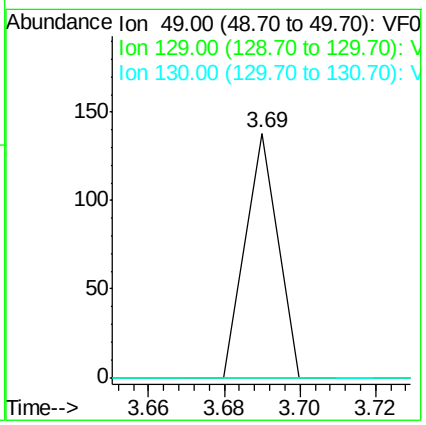


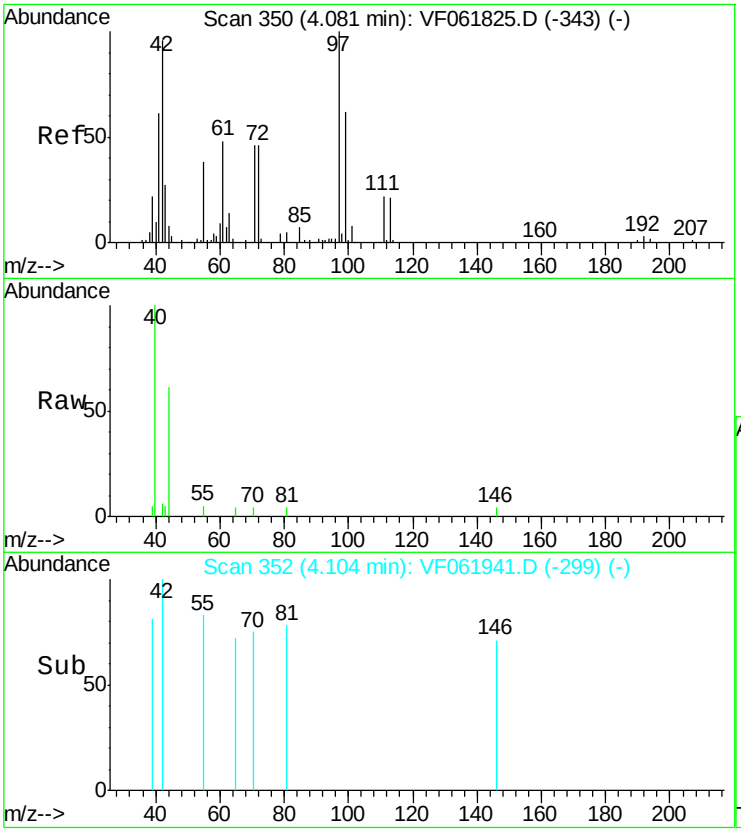


#28
Bromochloromethane
Concen: 16.852 ug/l
RT: 3.69 min Scan# 310
Delta R.T. -0.04 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 49 Resp: 82

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	0.0	76.9	115.3#



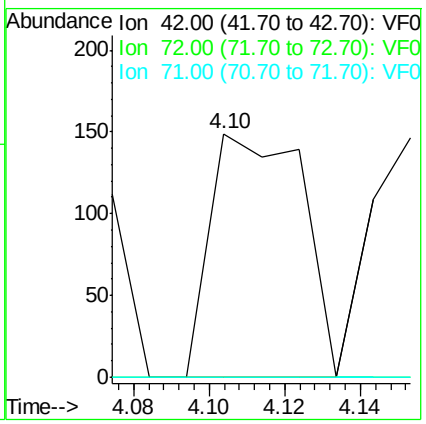


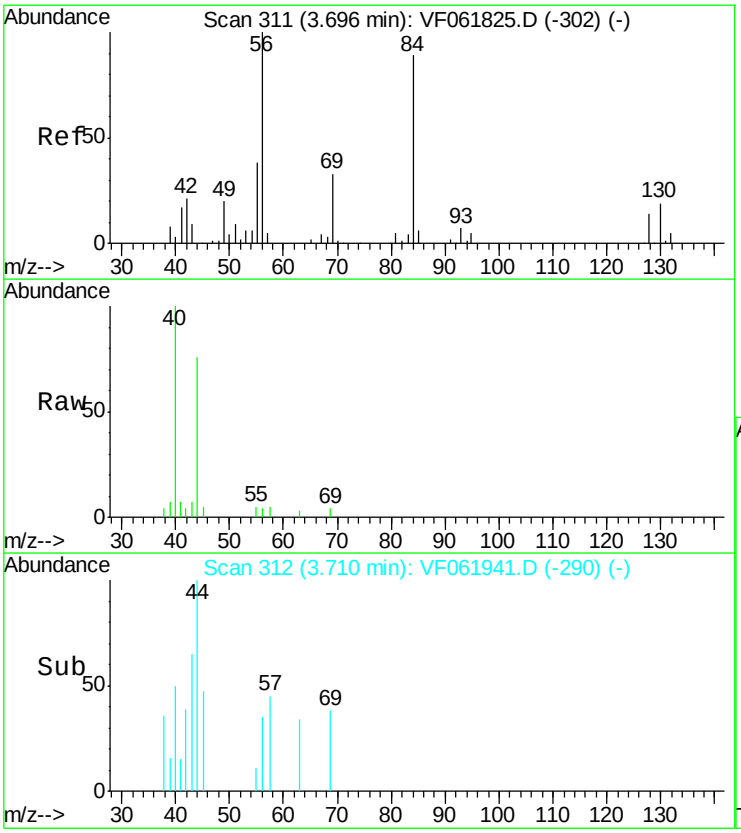
#29
Tetrahydrofuran
Concen: 245.168 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.02 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 42 Resp: 250

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.4	51.6#
71	0.0	34.6	52.0#

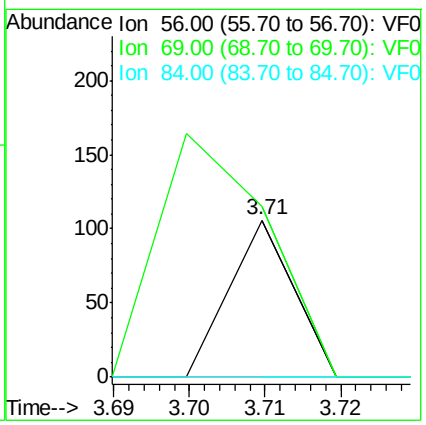


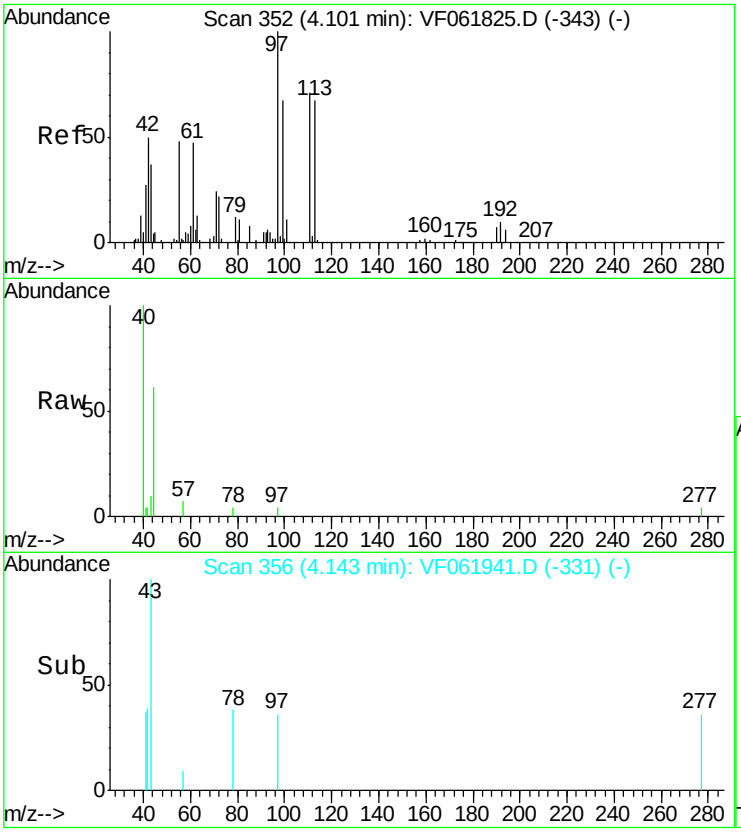


#31
Cyclohexane
Concen: 5.388 ug/l
RT: 3.71 min Scan# 312
Delta R.T. 0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 56 Resp: 63

Ion	Ratio	Lower	Upper
56	100		
69	108.5	26.0	39.0#
84	0.0	71.0	106.6#



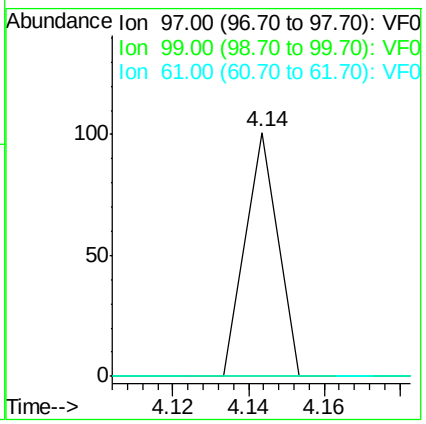


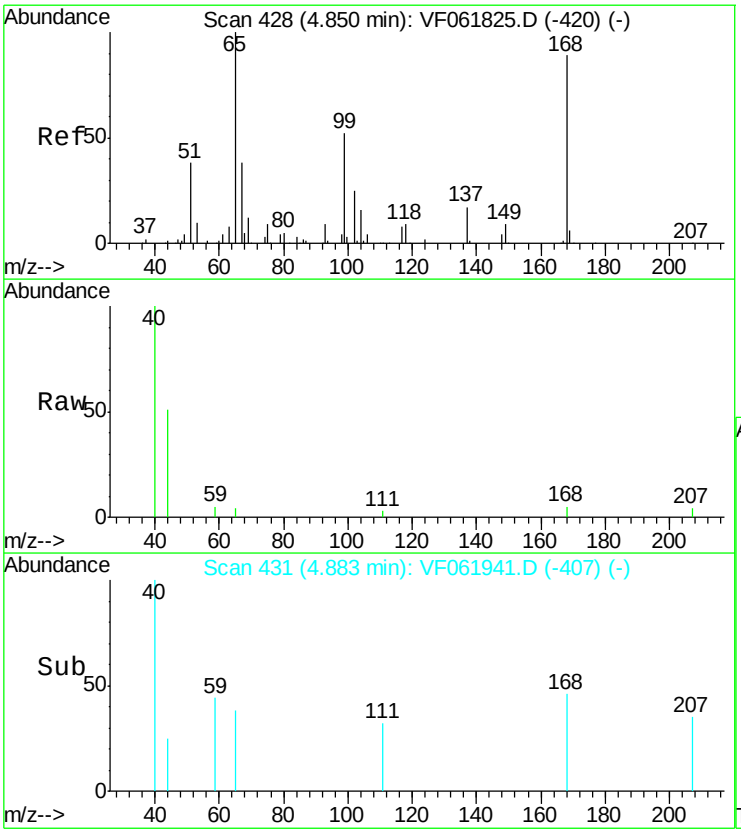
#32
1,1,1-Trichloroethane
Concen: 7.634 ug/l
RT: 4.14 min Scan# 356
Delta R.T. 0.04 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 97 Resp: 60

Ion	Ratio	Lower	Upper
97	100		
99	0.0	53.8	80.8#
61	0.0	37.9	56.9#

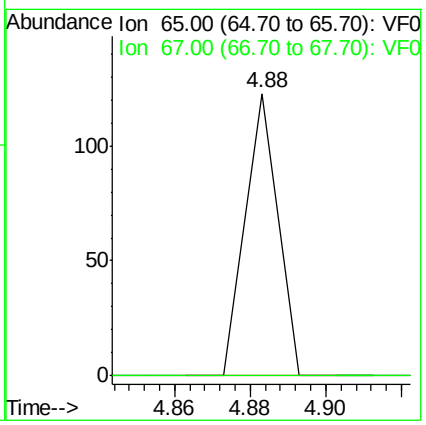


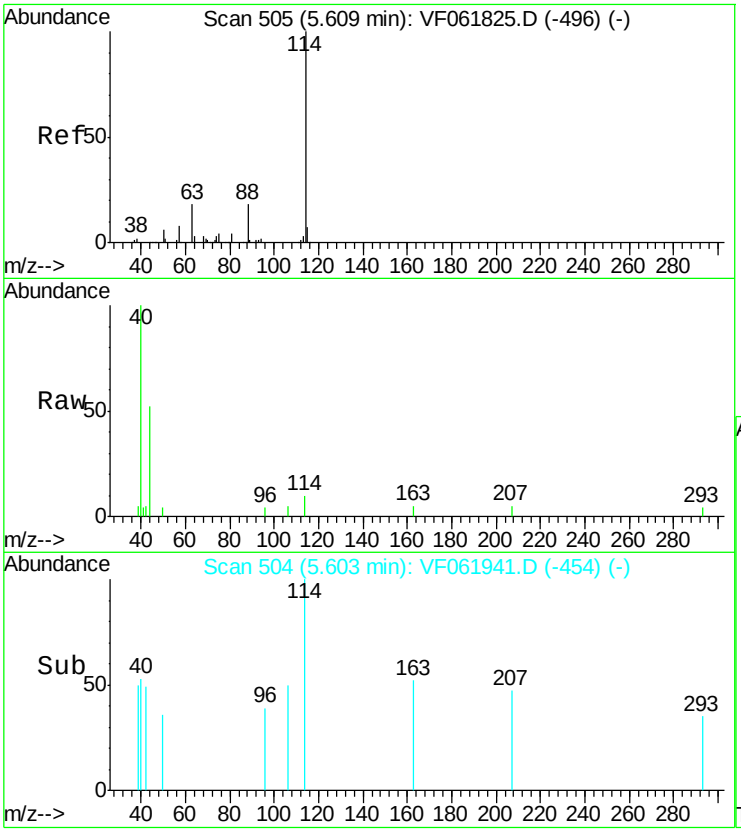


#33
1,2-Dichloroethane-d4
Concen: 13.155 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.03 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 65 Resp: 73

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	108.6



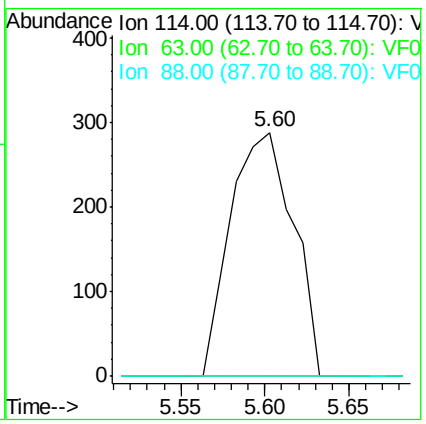


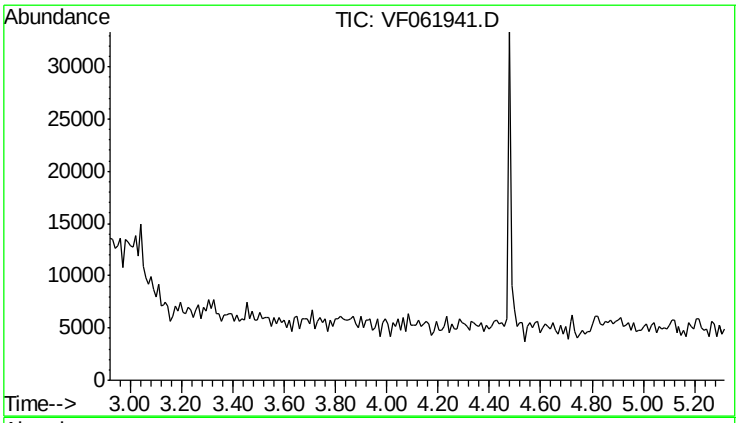
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion:114 Resp: 744

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	35.6
88	0.0	0.0	35.6



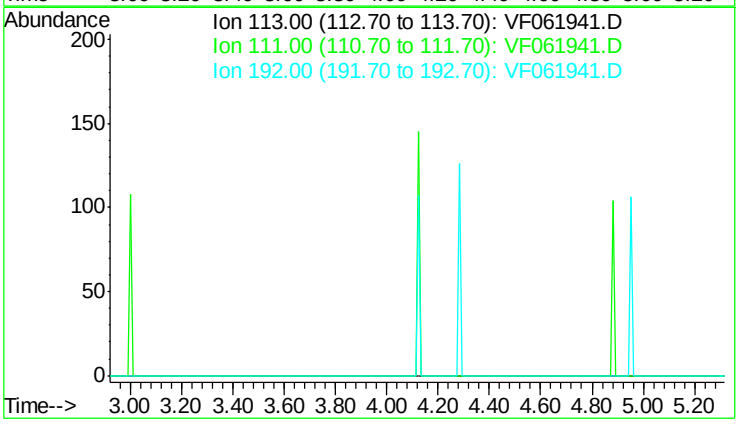


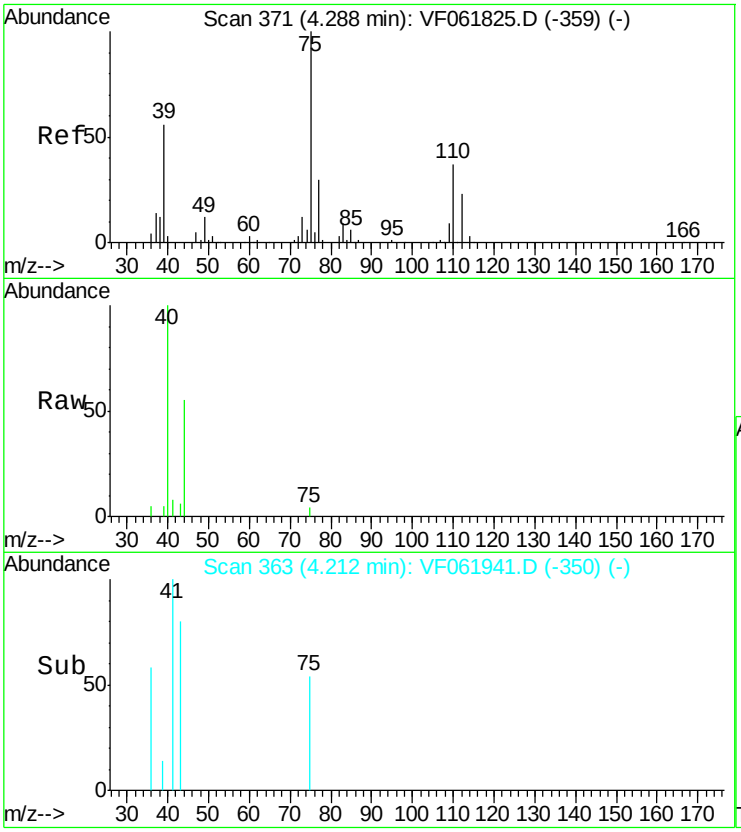
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.12 min

Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	97.0
192	19.9



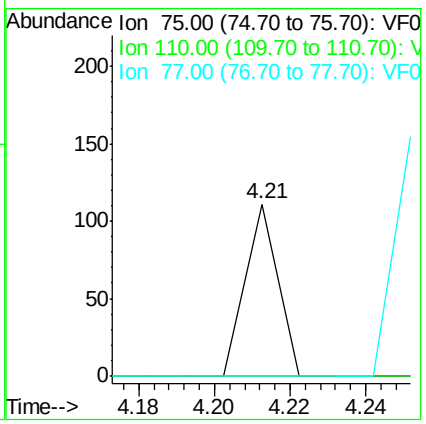


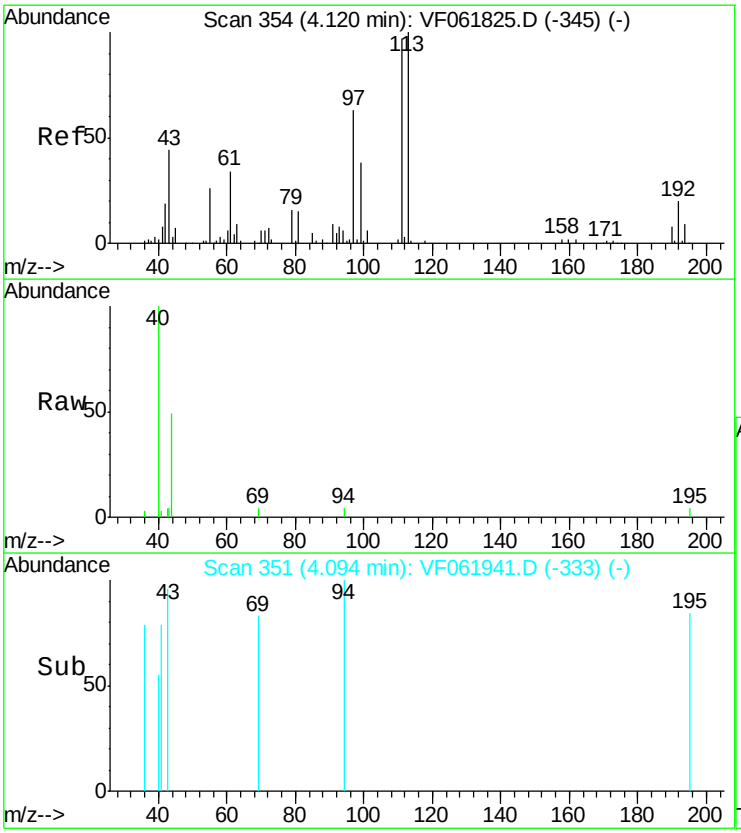
#36
1,1-Dichloropropene
Concen: 9.391 ug/l
RT: 4.21 min Scan# 363
Delta R.T. -0.08 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 75 Resp: 66

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.6	55.6#
77	0.0	24.2	36.2#

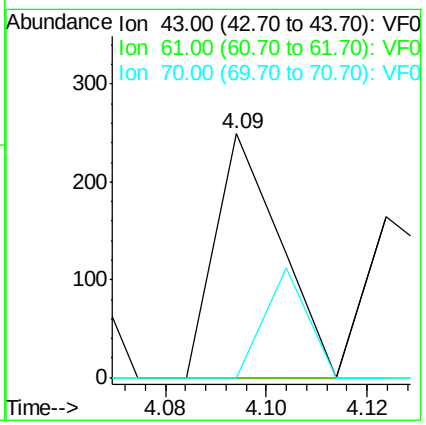


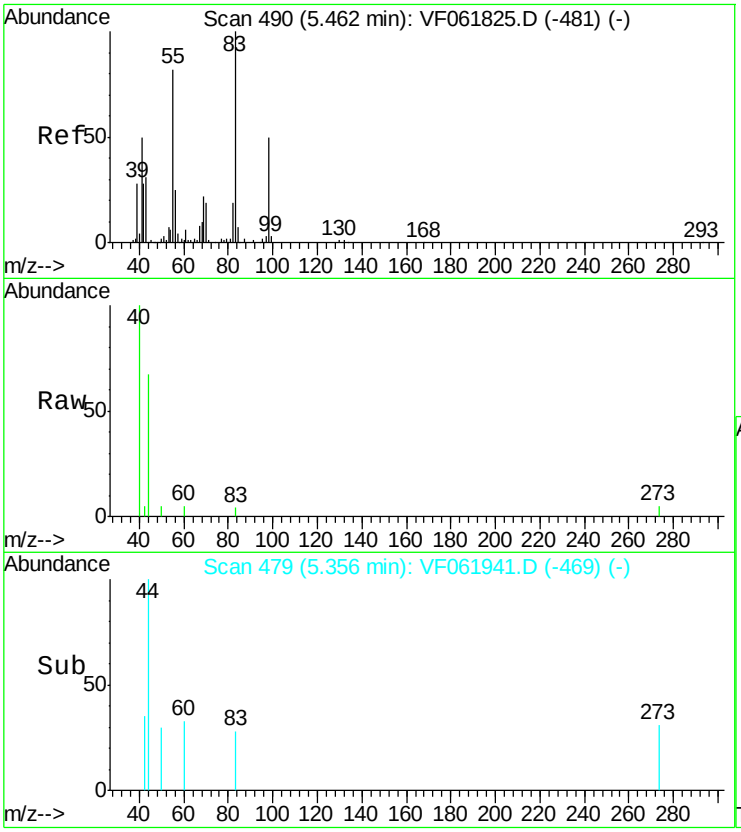


#37
Ethyl Acetate
Concen: 75.258 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 43 Resp: 222

Ion	Ratio	Lower	Upper
43	100		
61	0.0	60.7	91.1#
70	0.0	10.6	15.8#



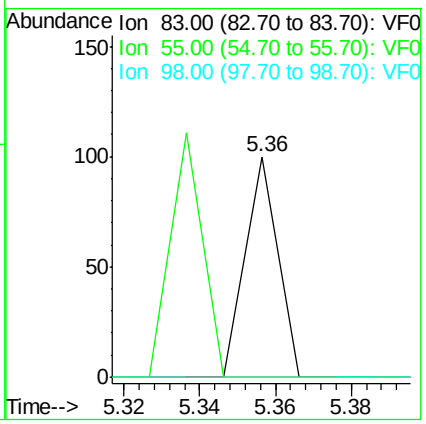


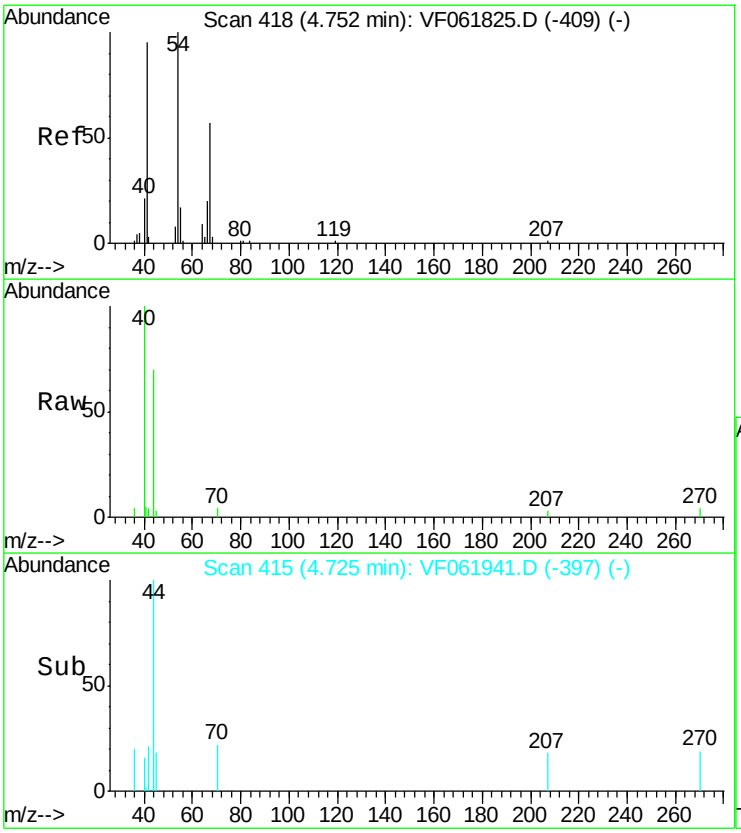
#39
Methylcyclohexane
Concen: 7.108 ug/l
RT: 5.36 min Scan# 479
Delta R.T. -0.11 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 83 Resp: 59

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.0	99.0#
98	0.0	39.8	59.6#

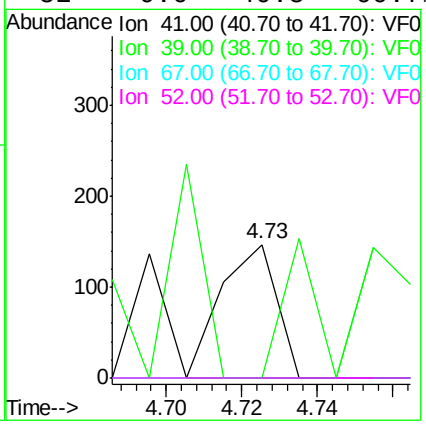


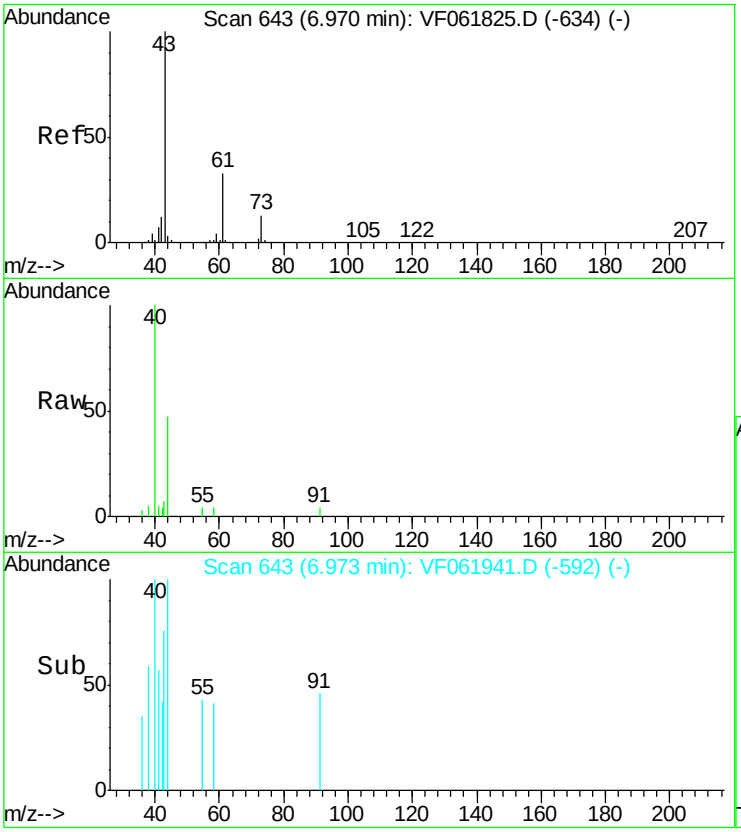


#41
Methacrylonitrile
Concen: 92.192 ug/l
RT: 4.73 min Scan# 415
Delta R.T. -0.03 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 41 Resp: 149

Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.0	64.6#
67	0.0	47.8	71.8#
52	0.0	40.5	60.7#



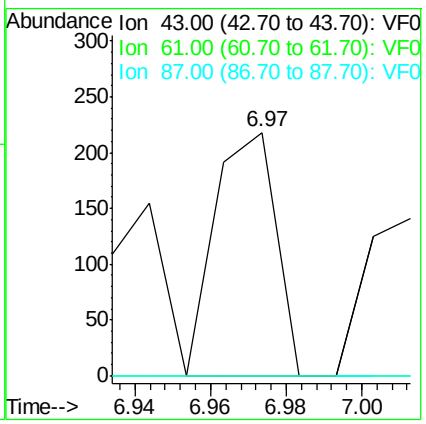


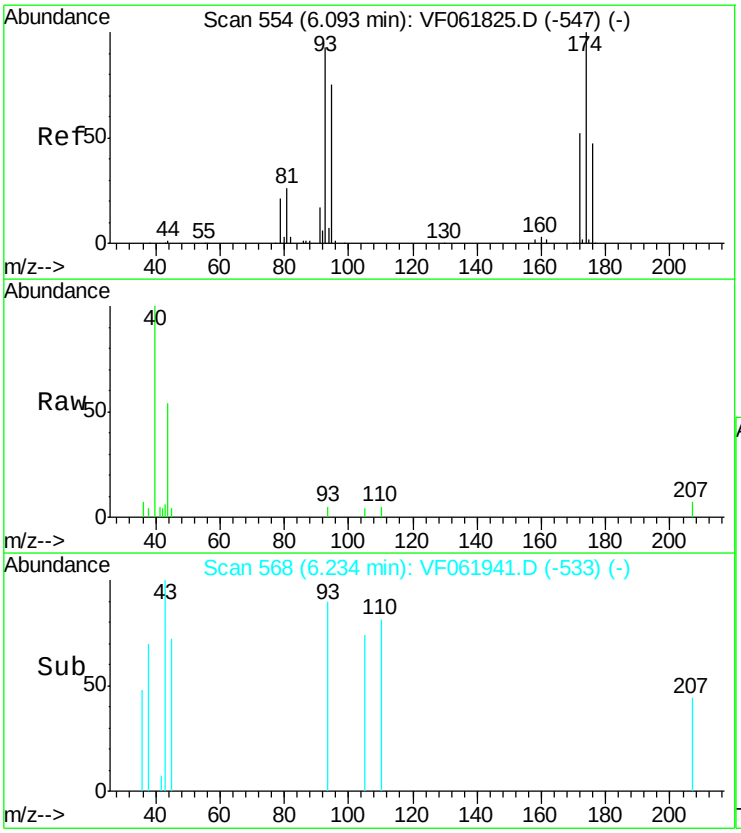
#43
Isopropyl Acetate
Concen: 66.553 ug/l
RT: 6.97 min Scan# 643
Delta R.T. 0.00 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 43 Resp: 242

Ion	Ratio	Lower	Upper
43	100		
61	0.0	26.1	39.1#
87	0.0	0.0	0.0

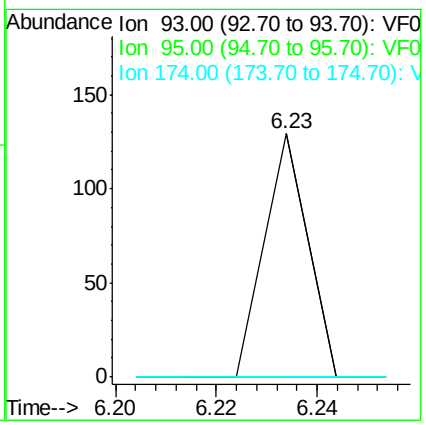


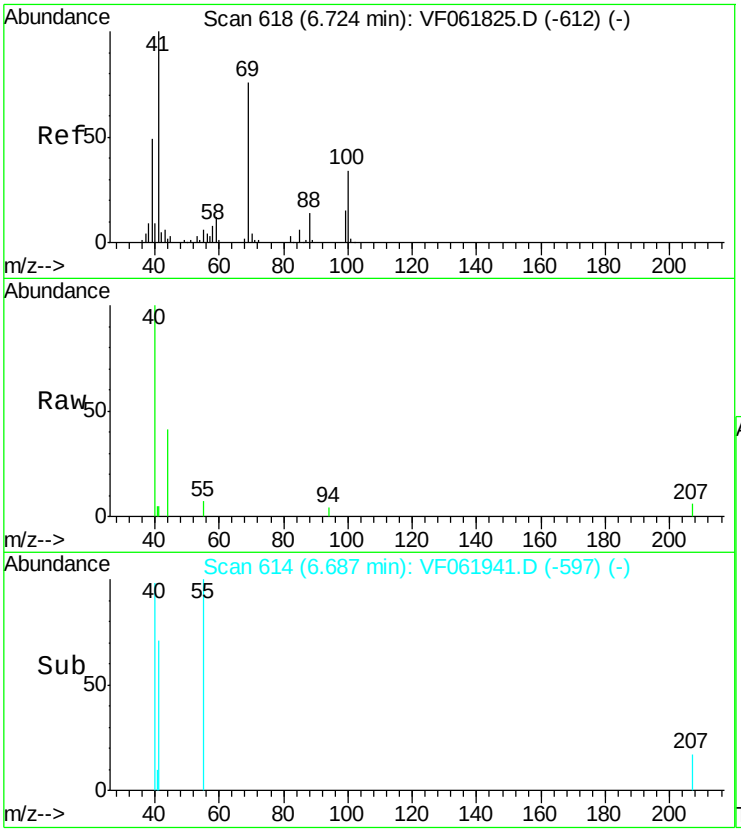


#46
Dibromomethane
Concen: 27.644 ug/l
RT: 6.23 min Scan# 568
Delta R.T. 0.14 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 93 Resp: 76

Ion	Ratio	Lower	Upper
93	100		
95	0.0	64.4	96.6#
174	0.0	85.8	128.6#



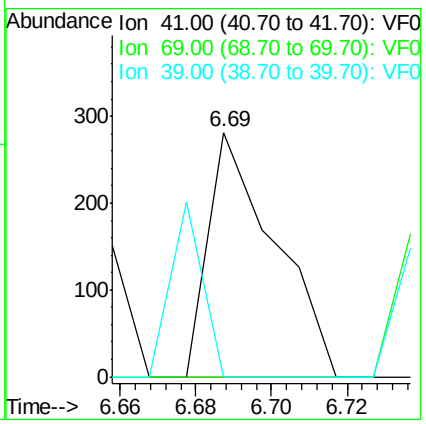


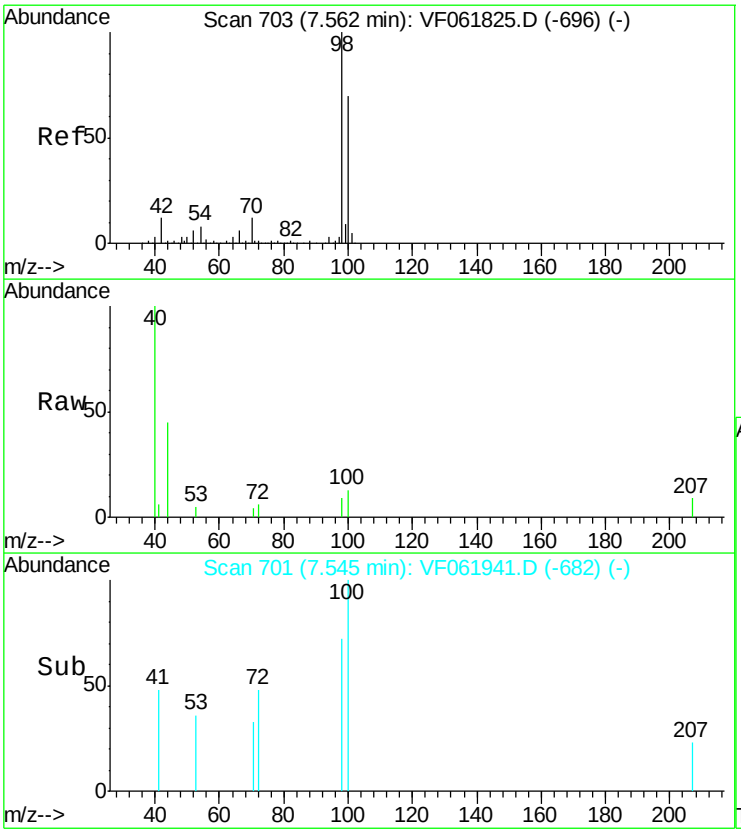
#48
Methyl methacrylate
Concen: 148.180 ug/l
RT: 6.69 min Scan# 614
Delta R.T. -0.04 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 41 Resp: 341

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.4	90.6#
39	0.0	39.7	59.5#

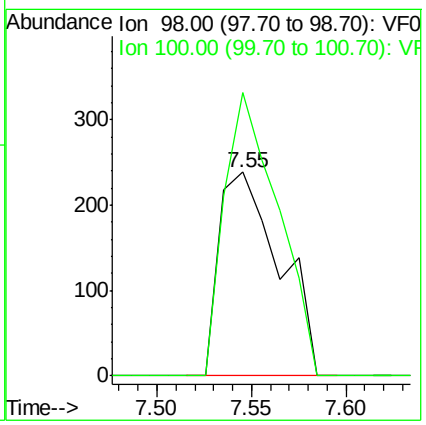


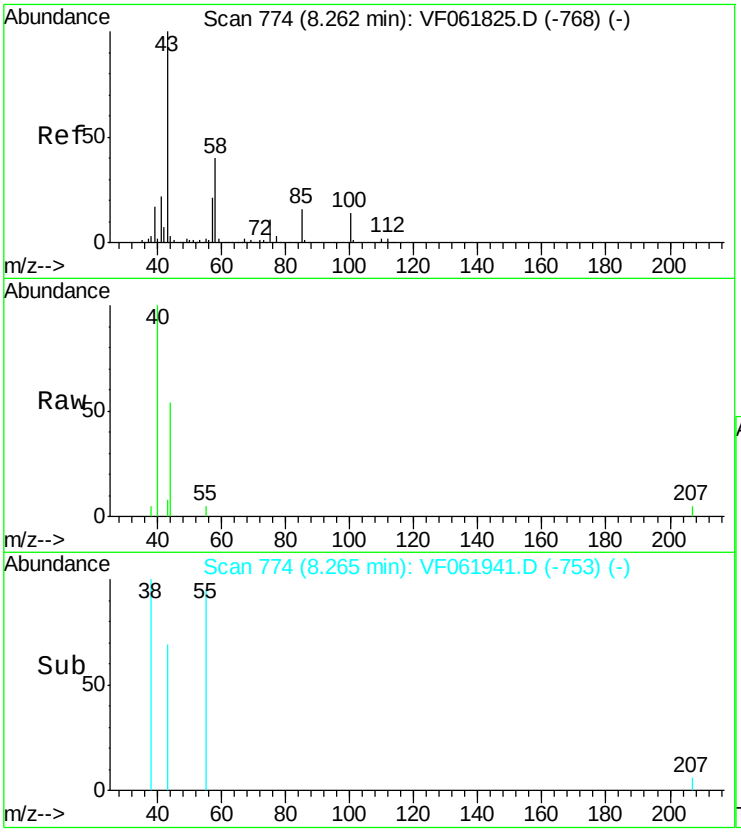


#50
Toluene-d8
Concen: 34.148 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 98 Resp: 527

Ion	Ratio	Lower	Upper
98	100		
100	138.9	56.0	84.0#



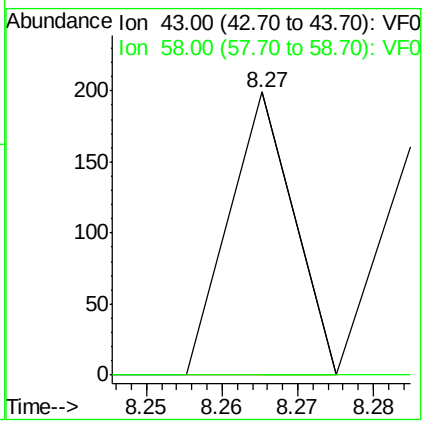


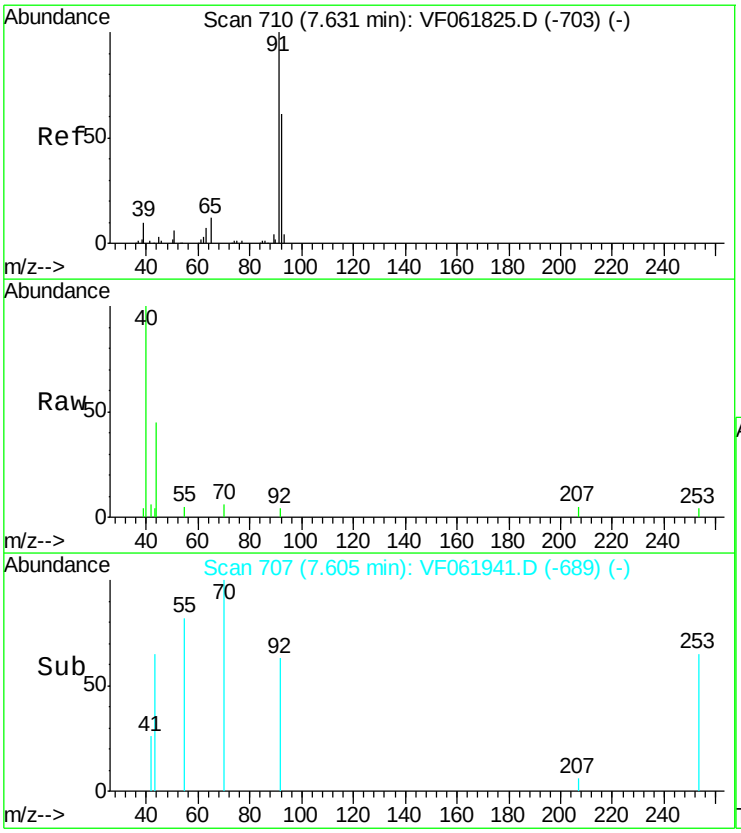
#51
4-Methyl-2-Pentanone
Concen: 46.954 ug/l
RT: 8.27 min Scan# 774
Delta R.T. 0.00 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 43 Resp: 118

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.8#

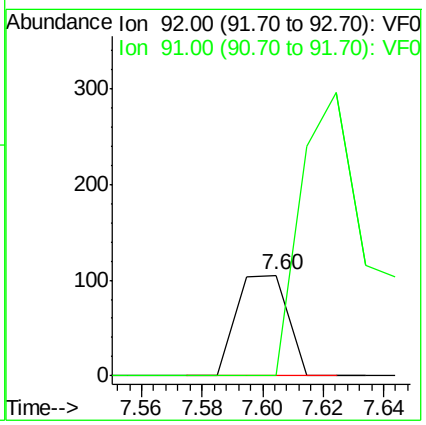


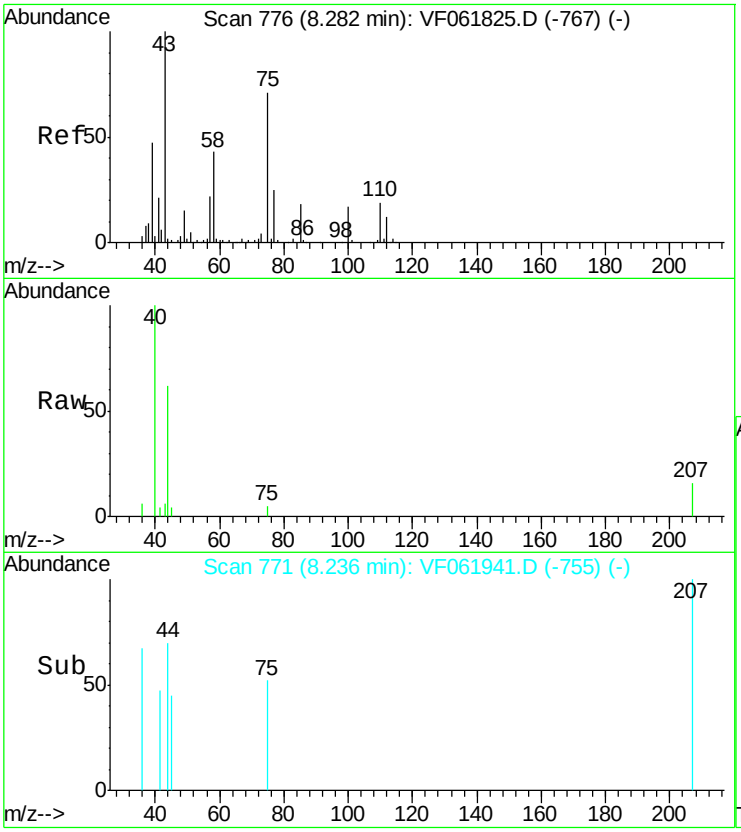


#52
Toluene
Concen: 11.410 ug/l
RT: 7.60 min Scan# 707
Delta R.T. -0.03 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 92 Resp: 124

Ion	Ratio	Lower	Upper
92	100		
91	0.0	132.0	198.0#



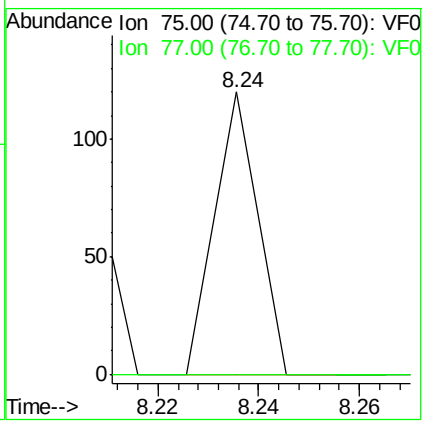


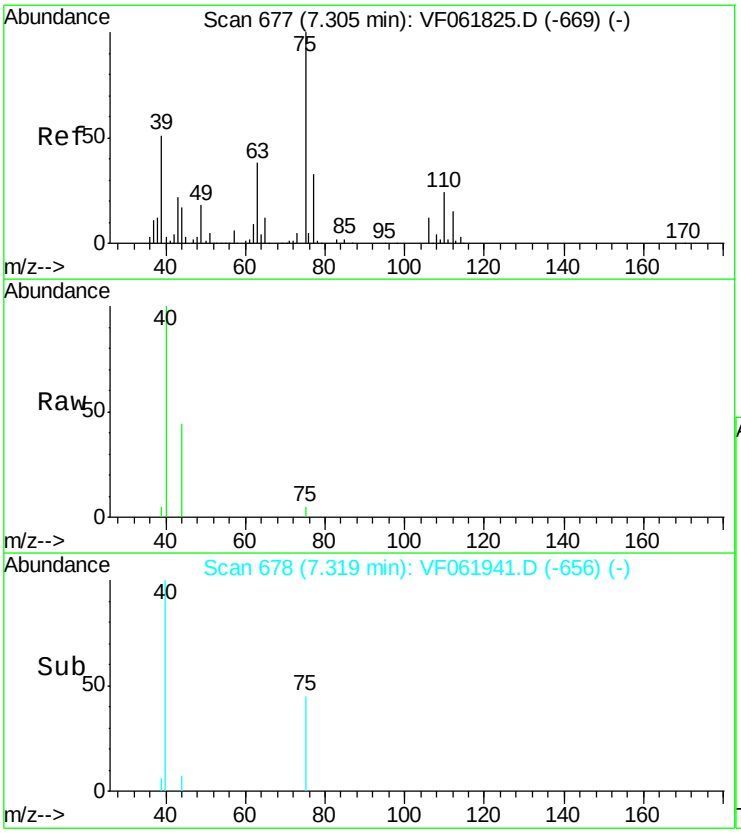
#53
t-1,3-Dichloropropene
Concen: 14.162 ug/l
RT: 8.24 min Scan# 771
Delta R.T. -0.05 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument :
MSVOA_F
ClientSampleId :
282-346

Tgt Ion: 75 Resp: 71

Ion	Ratio	Lower	Upper
75	100		
77	0.0	28.0	42.0#

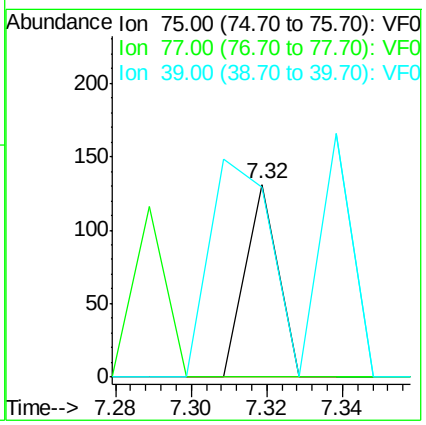


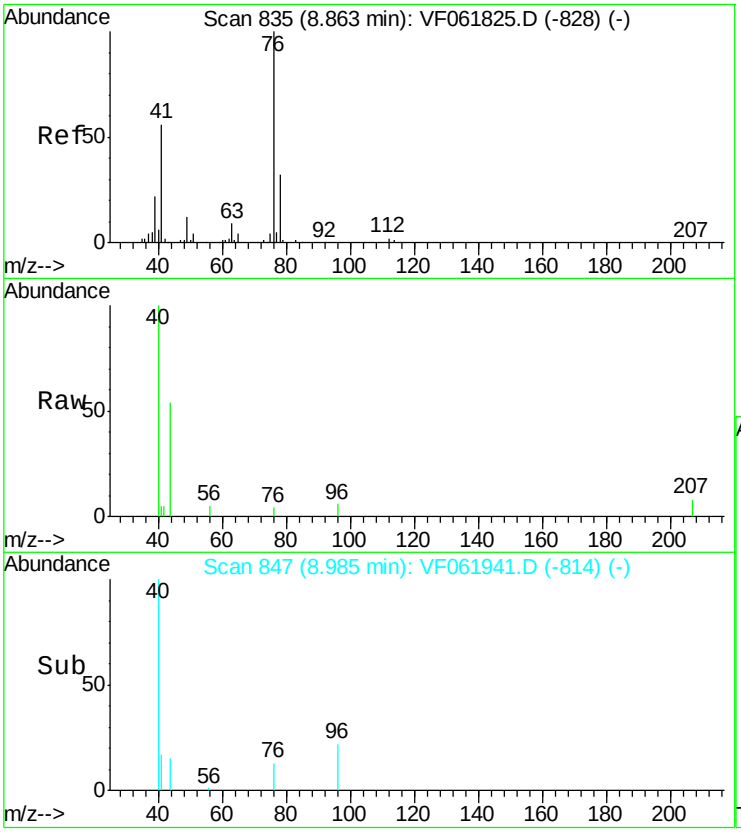


#54
cis-1,3-Dichloropropene
Concen: 11.135 ug/l
RT: 7.32 min Scan# 678
Delta R.T. 0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 75 Resp: 77

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.3	39.5#
39	98.5	40.8	61.2#



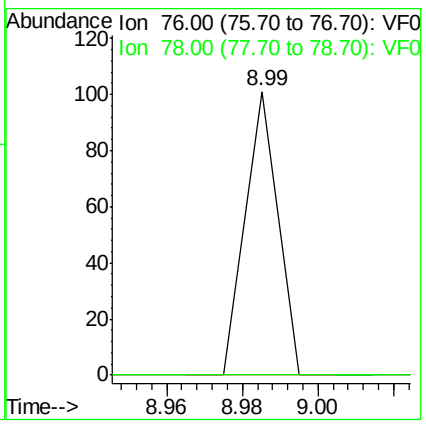


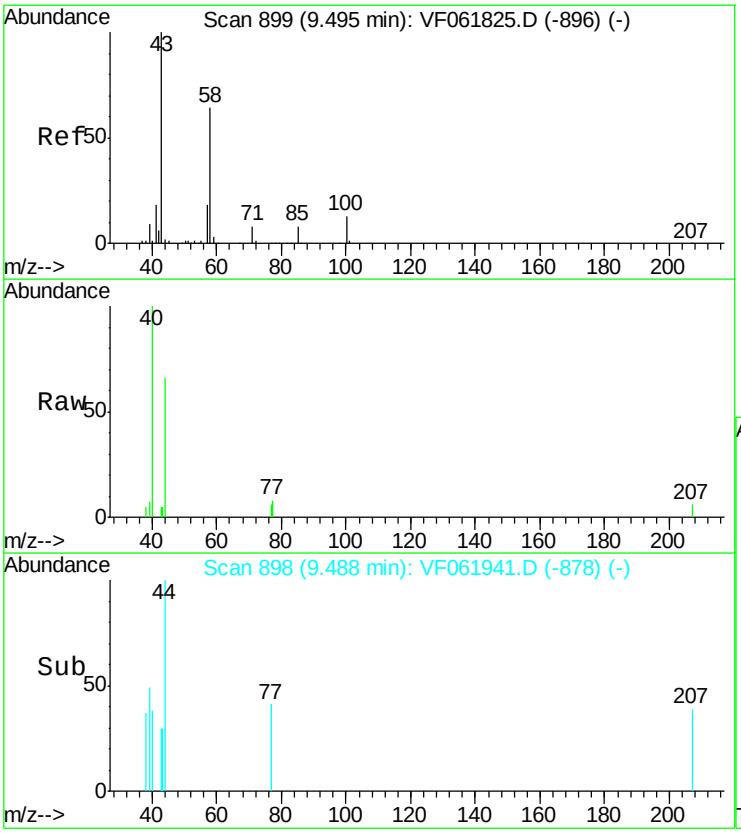
#57
1,3-Dichloropropane
Concen: 11.717 ug/l
RT: 8.99 min Scan# 847
Delta R.T. 0.12 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 76 Resp: 60

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.2#

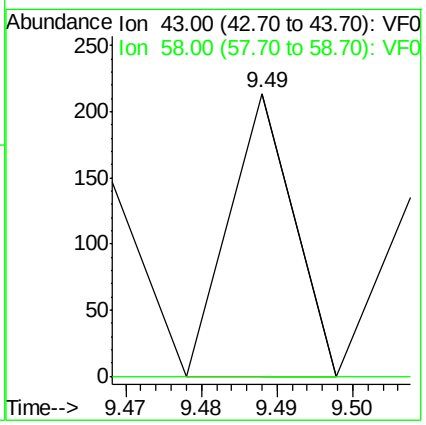


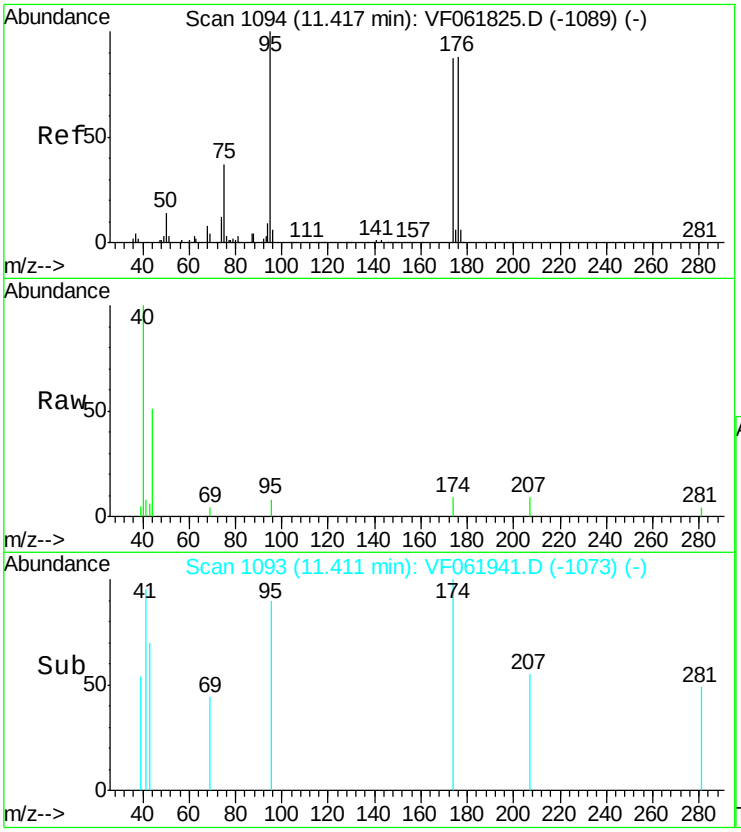


#59
2-Hexanone
Concen: 70.050 ug/l
RT: 9.49 min Scan# 898
Delta R.T. -0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 43 Resp: 127

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.8	86.4#



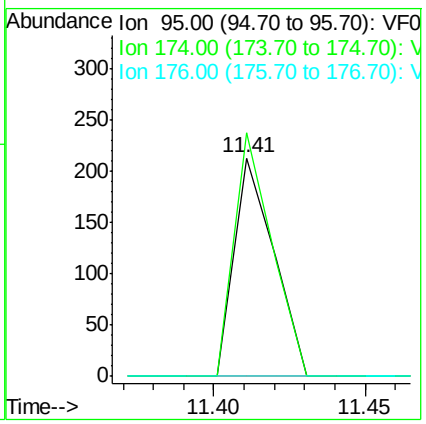


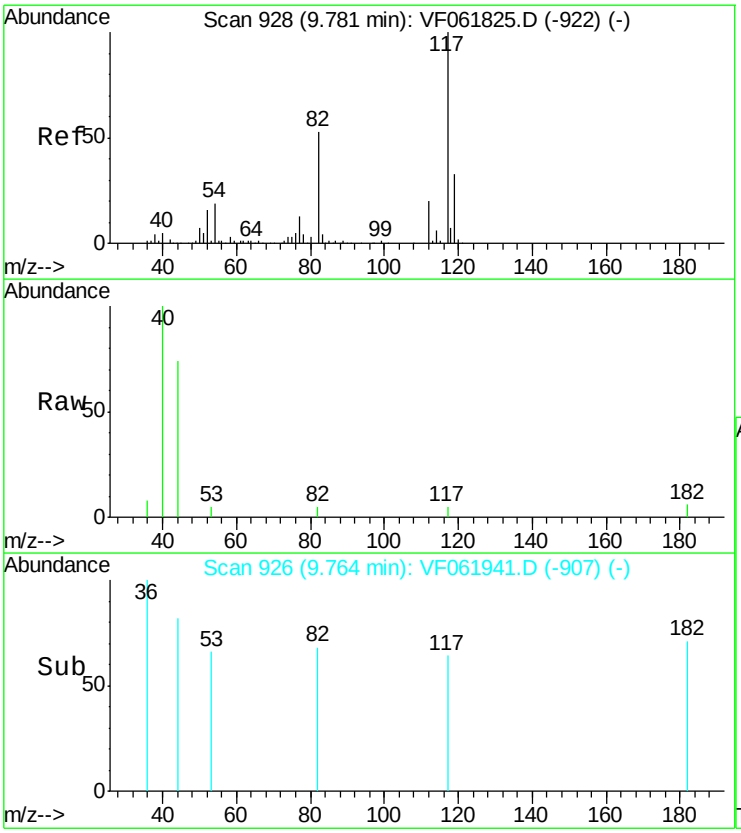
#62
4-Bromofluorobenzene
Concen: 32.091 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 95 Resp: 194

Ion	Ratio	Lower	Upper
95	100		
174	111.3	0.0	174.0
176	0.0	0.0	175.2

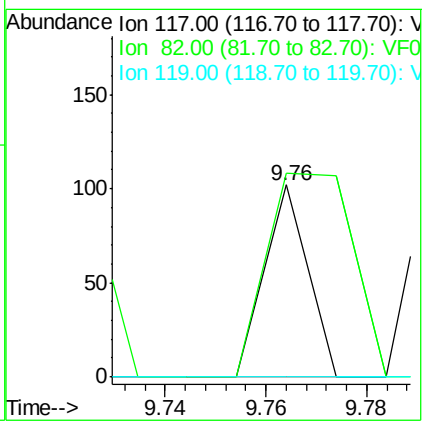


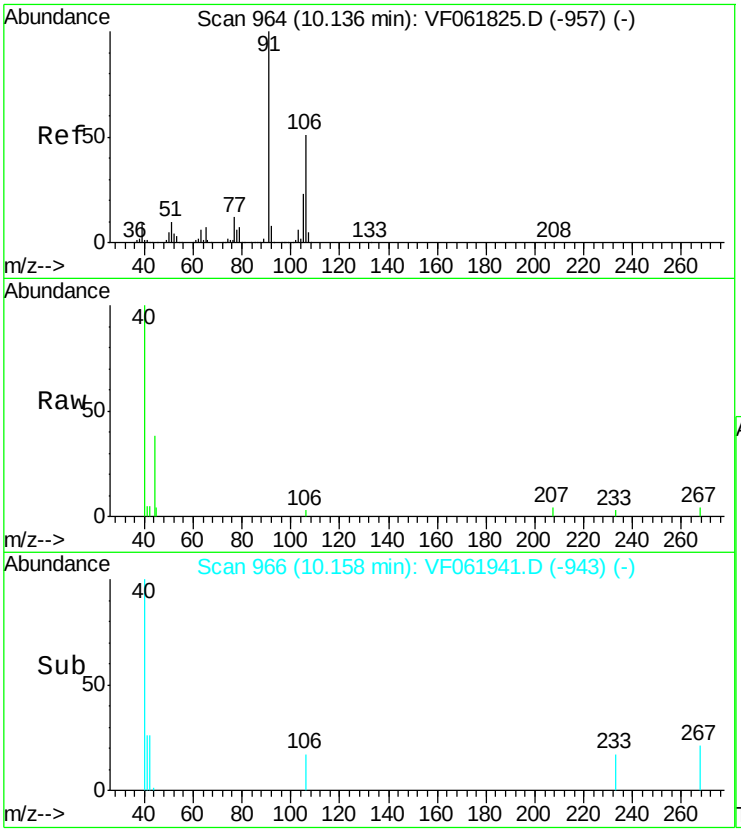


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion:117 Resp: 60

Ion	Ratio	Lower	Upper
117	100		
82	105.9	42.6	63.8#
119	0.0	26.0	39.0#



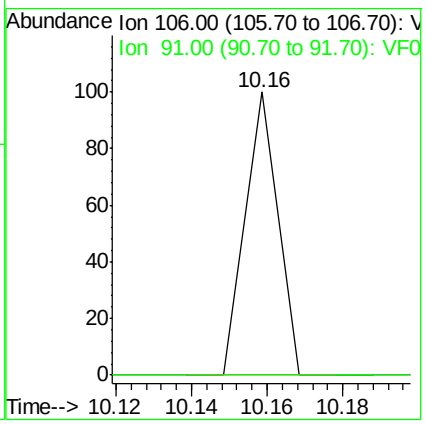


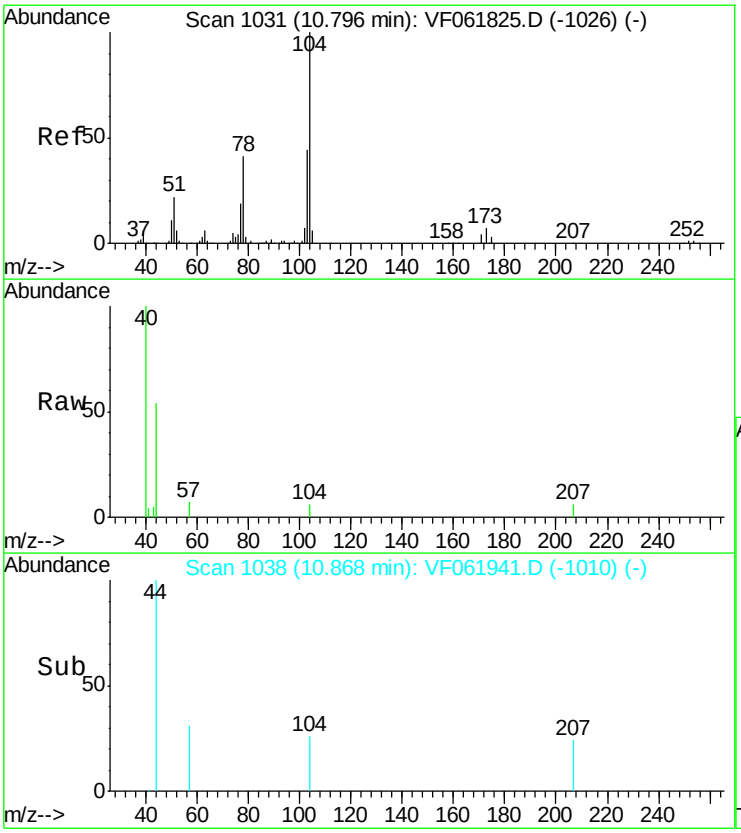
#68
m/p-Xylenes
Concen: 80.609 ug/l
RT: 10.16 min Scan# 966
Delta R.T. 0.02 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion:106 Resp: 59

Ion	Ratio	Lower	Upper
106	100		
91	0.0	157.5	236.3#

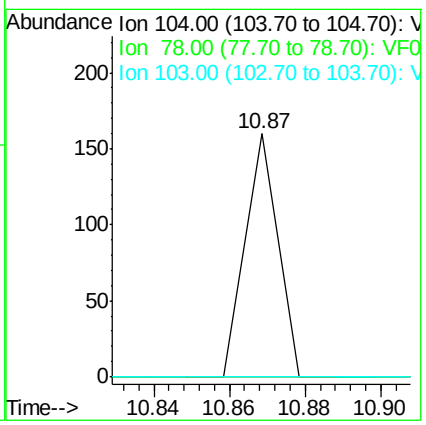


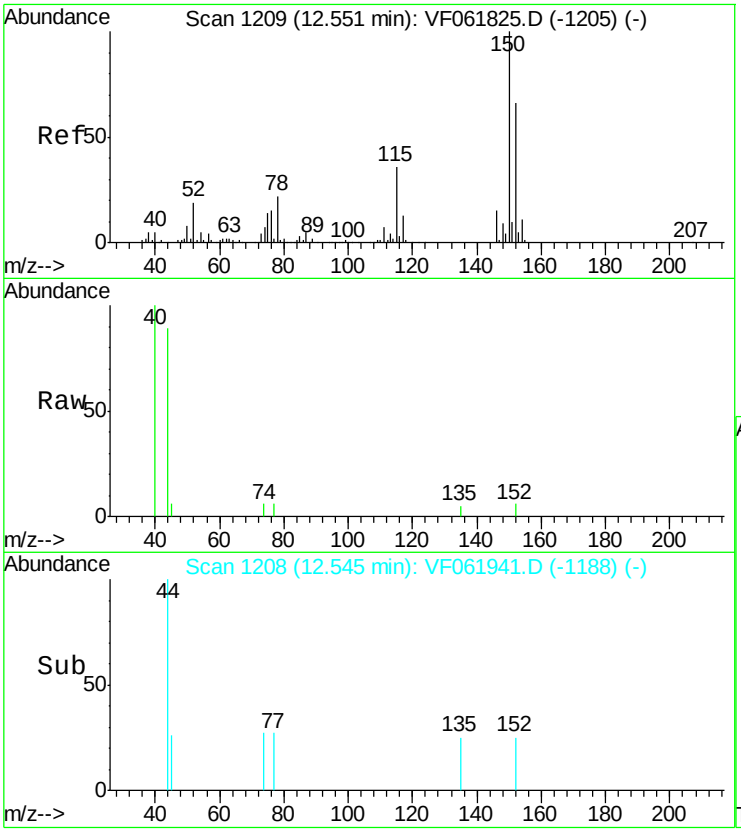


#70
Styrene
Concen: 85.649 ug/l
RT: 10.87 min Scan# 1038
Delta R.T. 0.07 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion:104 Resp: 95

Ion	Ratio	Lower	Upper
104	100		
78	0.0	33.3	49.9#
103	0.0	35.4	53.0#



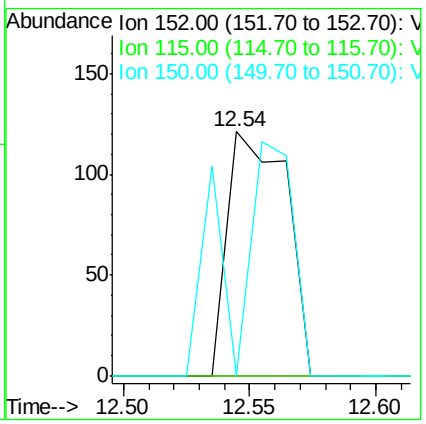


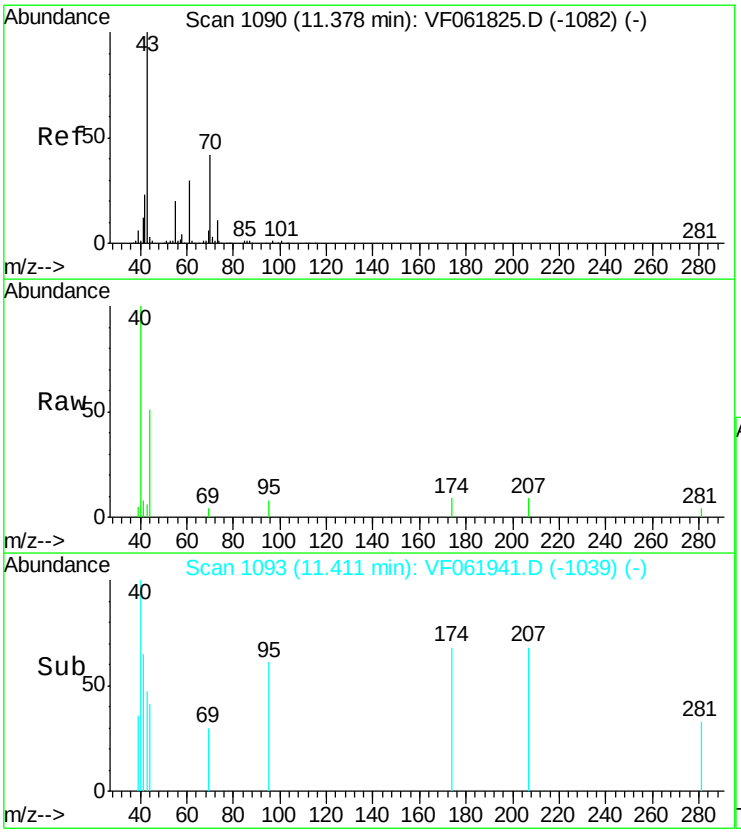
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion:152 Resp: 198

Ion	Ratio	Lower	Upper
152	100		
115	0.0	27.7	83.1#
150	0.0	0.0	304.2

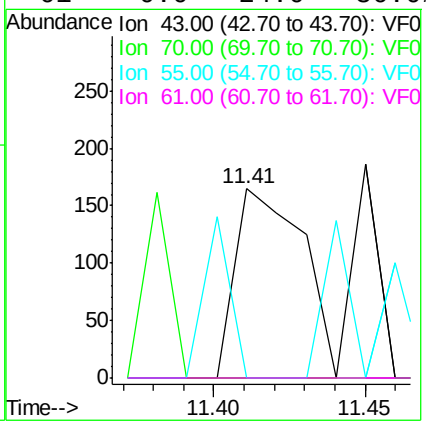


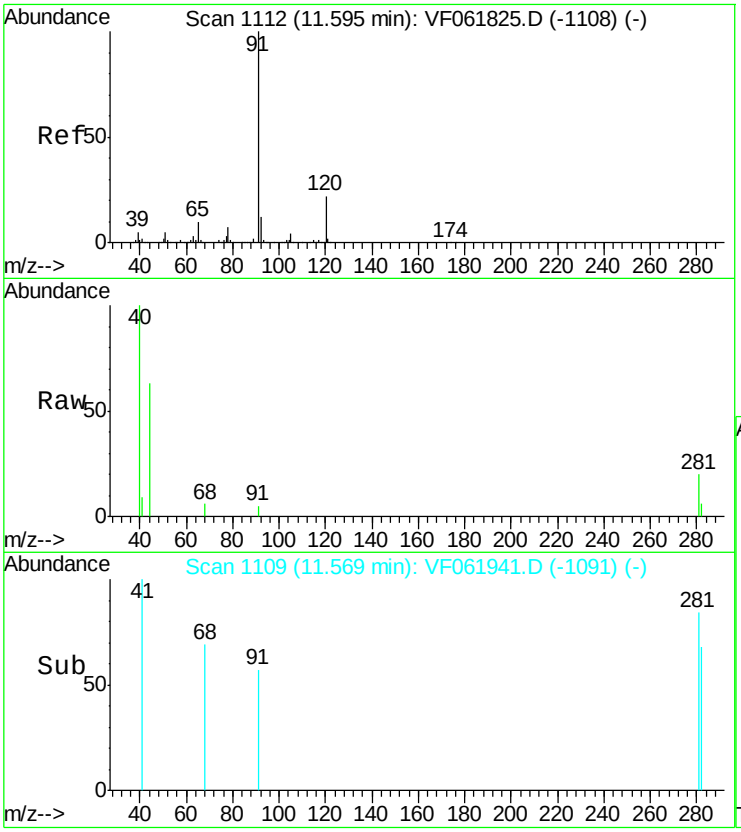


#74
N-amyl acetate
Concen: 81.896 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.03 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 43 Resp: 257

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.4	50.0#
55	0.0	16.3	24.5#
61	0.0	24.0	36.0#



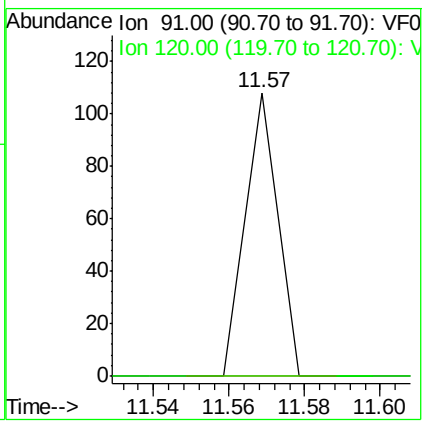


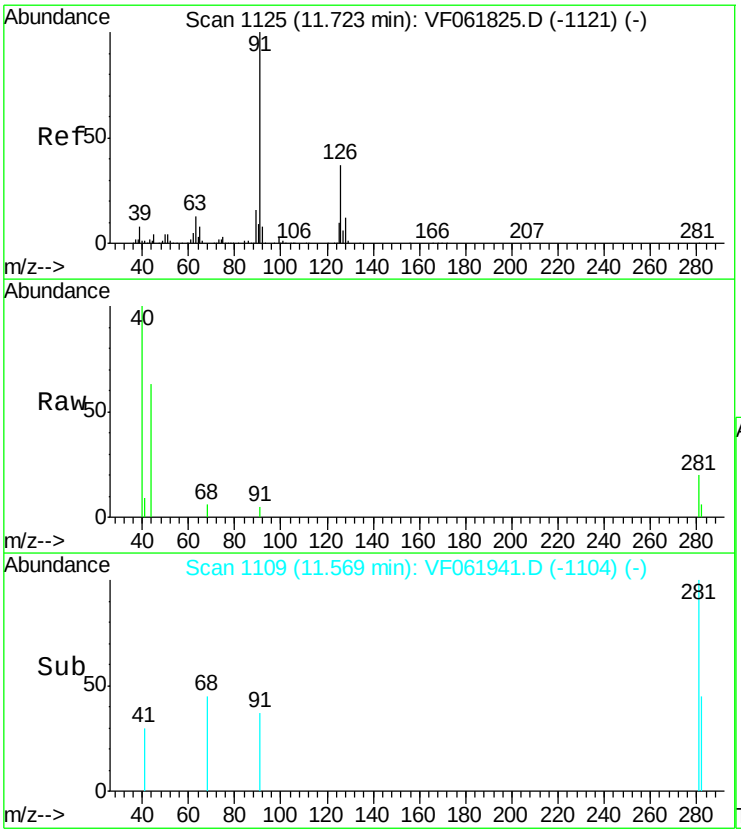
#78
n-propylbenzene
Concen: 4.158 ug/l
RT: 11.57 min Scan# 1109
Delta R.T. -0.03 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion: 91 Resp: 64

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.1	33.1#

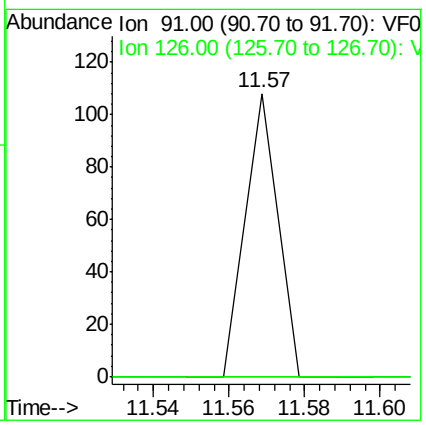


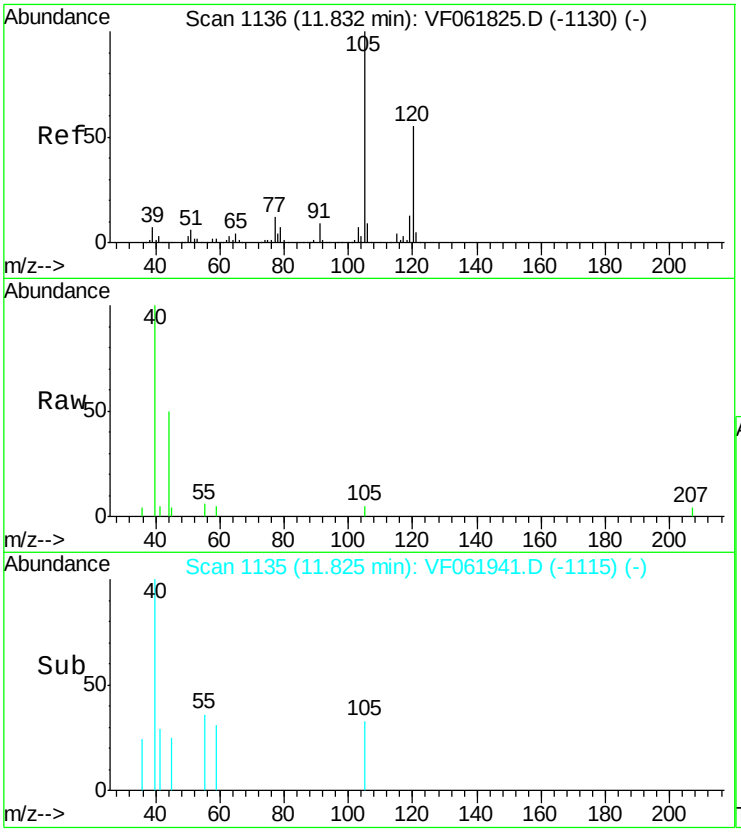


#79
2-Chlorotoluene
Concen: 7.272 ug/l
RT: 11.57 min Scan# 1109
Delta R.T. -0.15 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 91 Resp: 64

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.1	54.4#



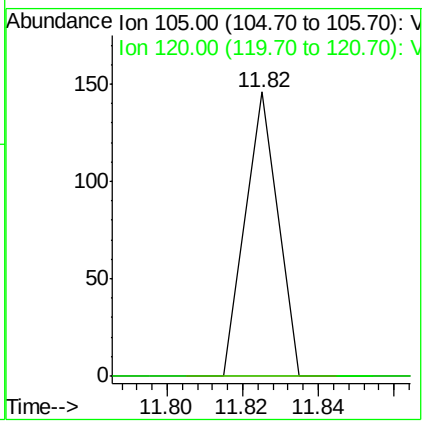


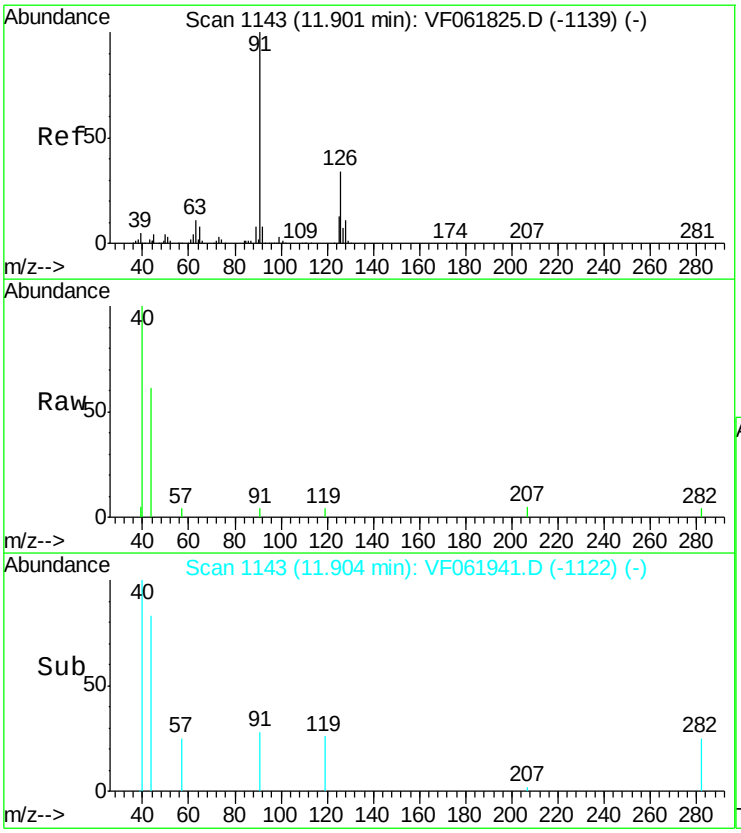
#80
1,3,5-Trimethylbenzene
Concen: 7.858 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. -0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument :
MSVOA_F
ClientSampleId :
282-346

Tgt Ion:105 Resp: 86

Ion	Ratio	Lower	Upper
105	100		
120	0.0	27.4	82.2#

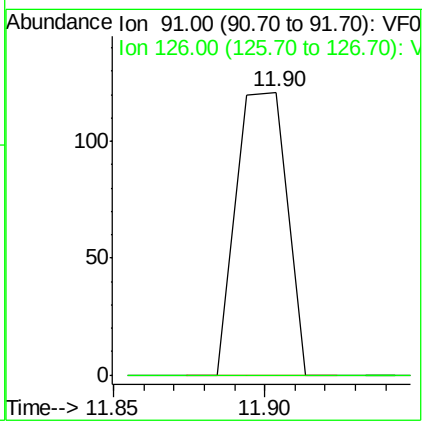


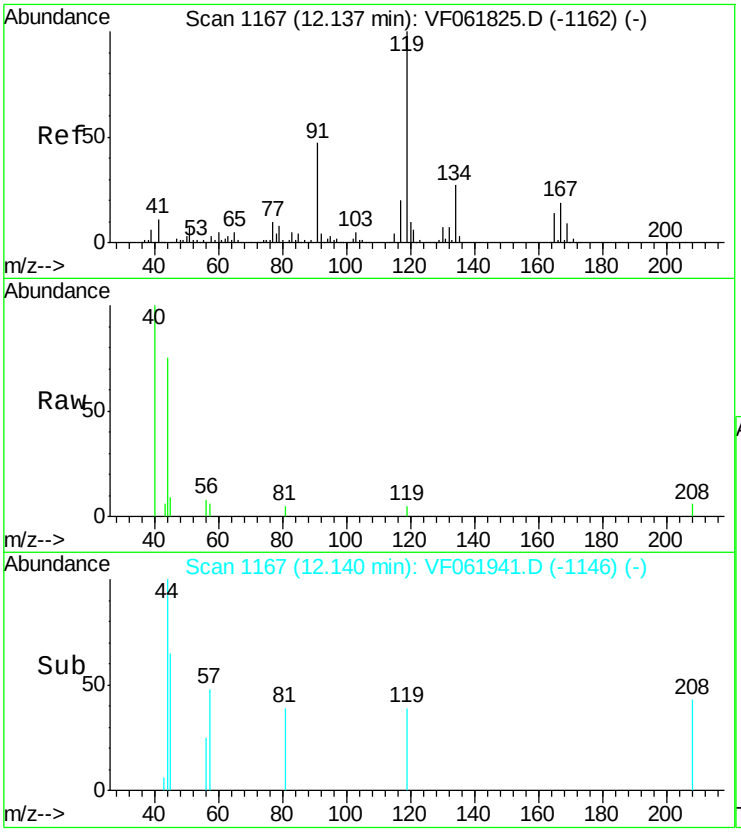


#82
4-Chlorotoluene
Concen: 15.886 ug/l
RT: 11.90 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 91 Resp: 143

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.0	50.9#



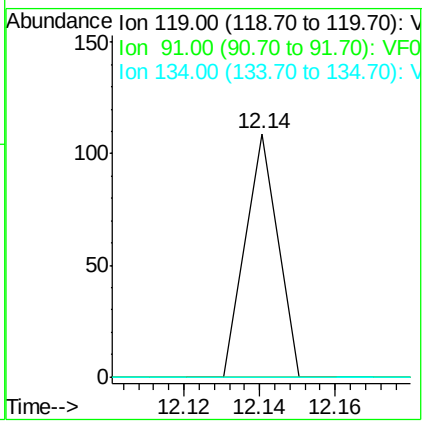


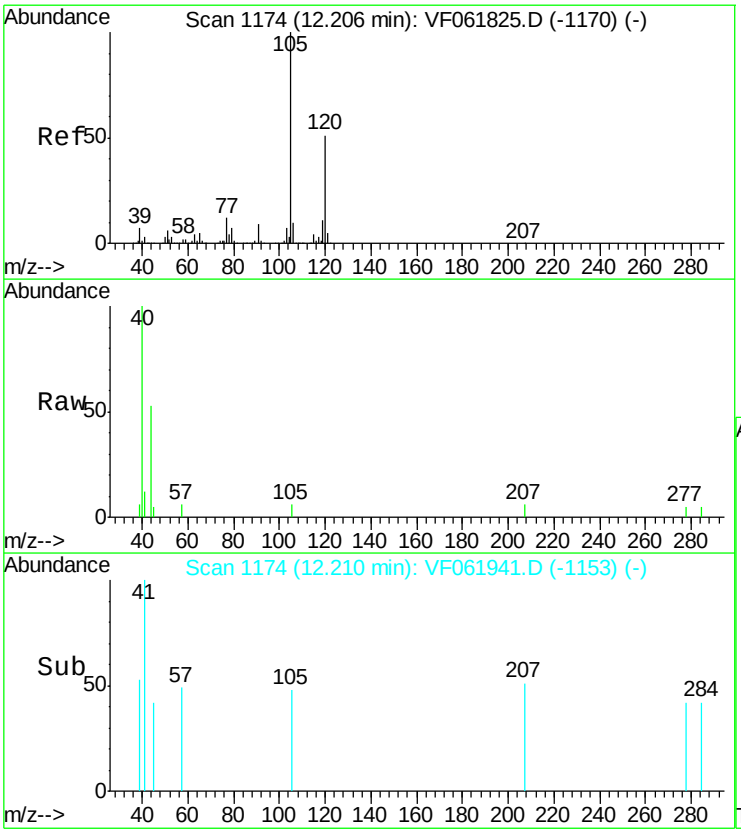
#83
tert-Butylbenzene
Concen: 5.507 ug/l
RT: 12.14 min Scan# 1167
Delta R.T. 0.00 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion:119 Resp: 64

Ion	Ratio	Lower	Upper
119	100		
91	0.0	23.5	70.5#
134	0.0	13.3	39.8#

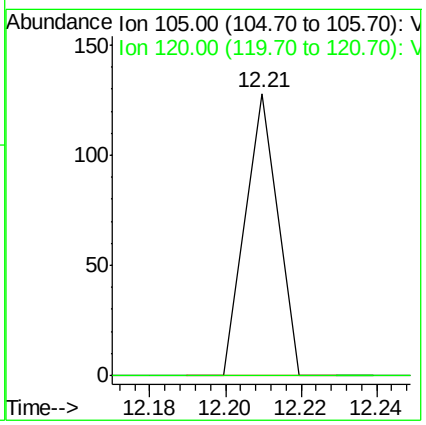


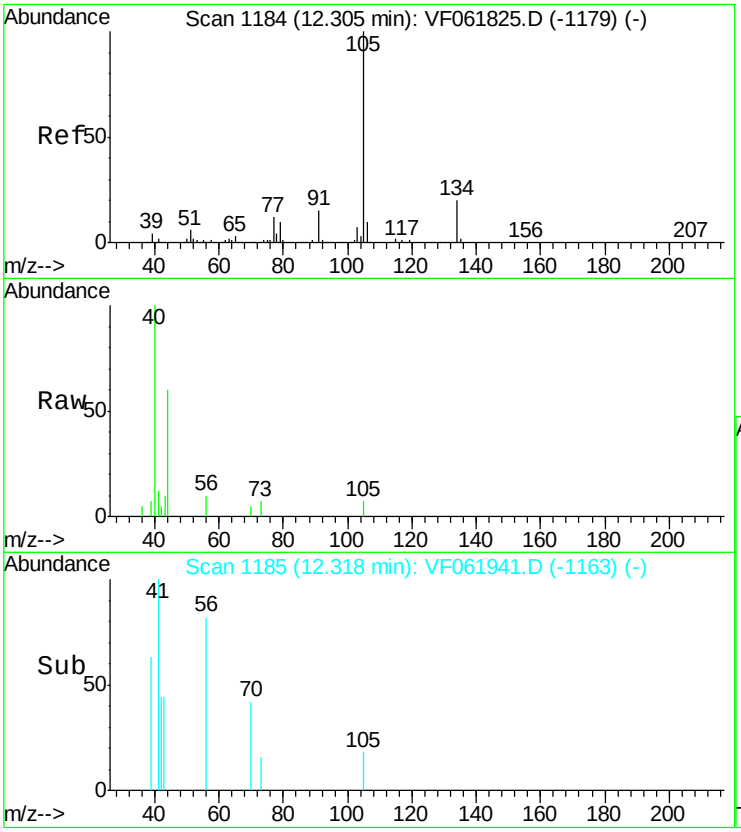


#84
1,2,4-Trimethylbenzene
Concen: 7.084 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion:105 Resp: 76

Ion	Ratio	Lower	Upper
105	100		
120	0.0	25.8	77.4#



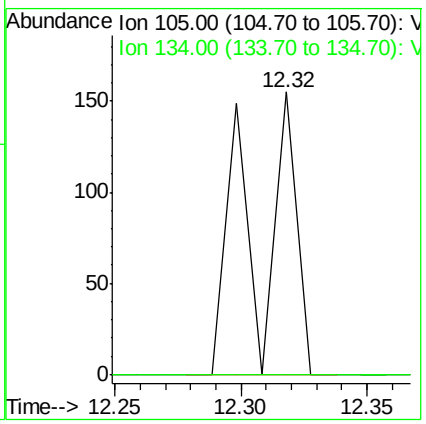


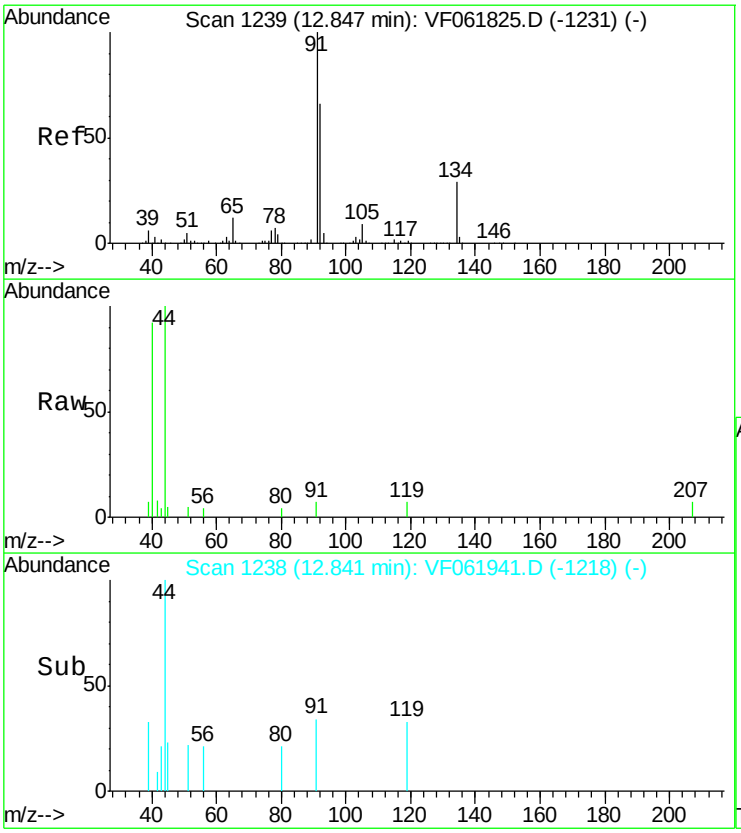
#85
sec-Butylbenzene
Concen: 11.903 ug/l
RT: 12.32 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument :
MSVOA_F
ClientSampleId :
282-346

Tgt Ion:105 Resp: 180

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.8	29.5#

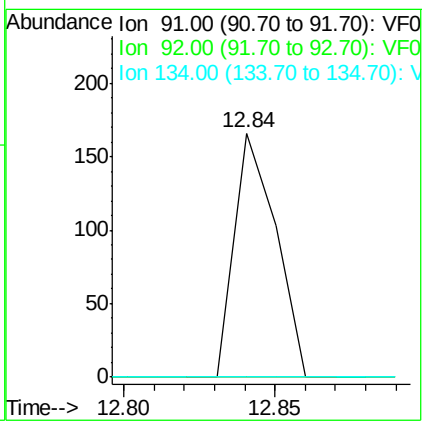


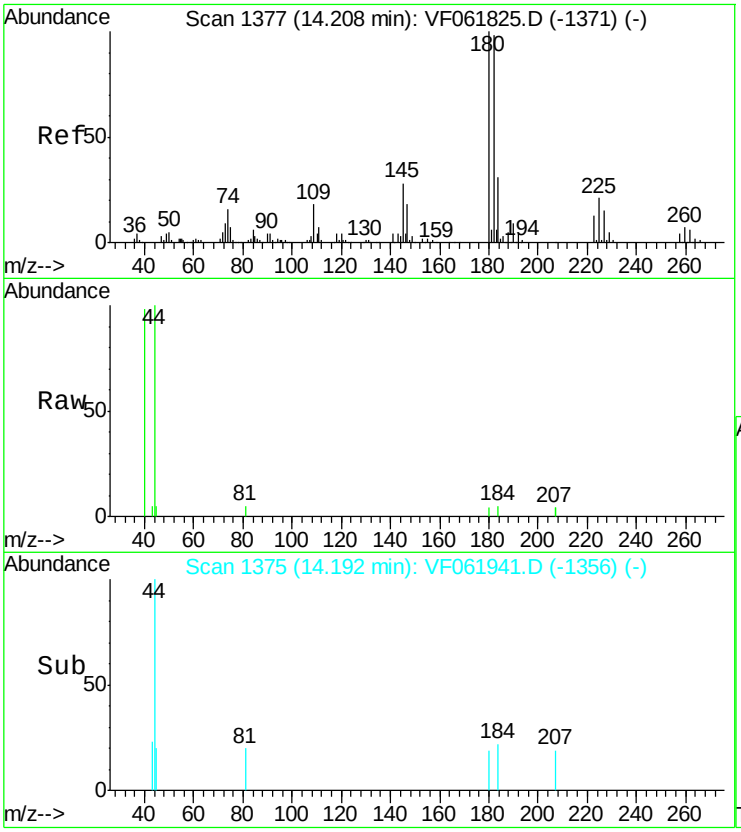


#89
n-Butylbenzene
Concen: 12.943 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion: 91 Resp: 159

Ion	Ratio	Lower	Upper
91	100		
92	0.0	32.9	98.6#
134	0.0	14.5	43.6#



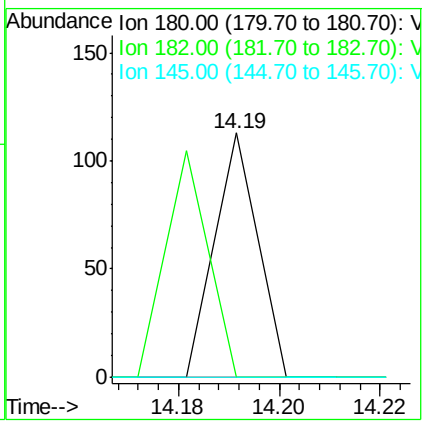


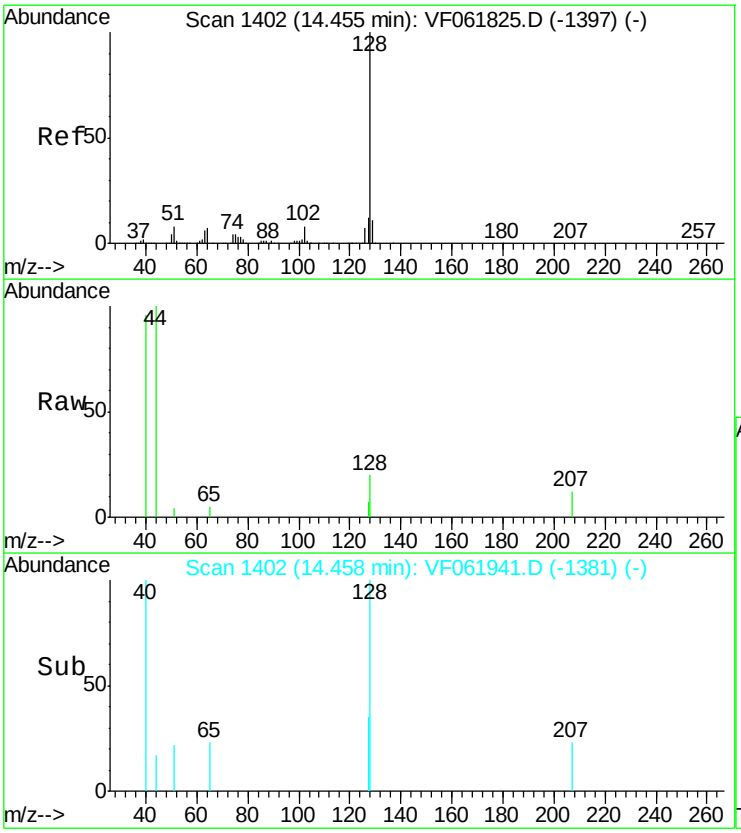
#93
1,2,4-Trichlorobenzene
Concen: 16.193 ug/l
RT: 14.19 min Scan# 1375
Delta R.T. -0.02 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument : MSVOA_F
ClientSampleId : 282-346

Tgt Ion:180 Resp: 67

Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.0	147.2#
145	0.0	14.1	42.4#

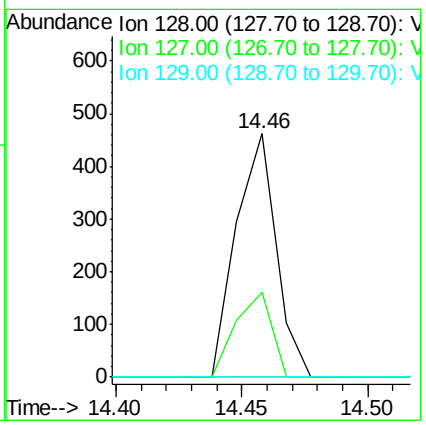


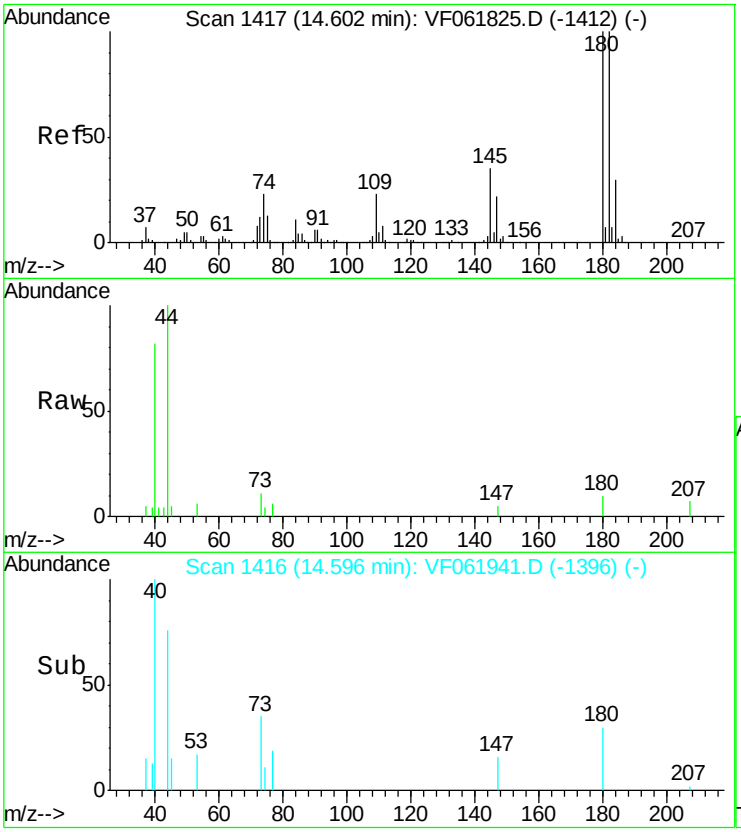


#95
Naphthalene
Concen: 69.070 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.00 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Tgt Ion:128 Resp: 509

Ion	Ratio	Lower	Upper
128	100		
127	34.6	9.3	13.9#
129	0.0	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 45.285 ug/l
RT: 14.60 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VF061941.D
Acq: 14 Mar 2019 16:26

Instrument :
MSVOA_F
ClientSampleId :
282-346

Tgt Ion:180 Resp: 173

Ion	Ratio	Lower	Upper
180	100		
182	0.0	50.2	150.7#
145	0.0	17.5	52.5#