Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062018\
Data File : VF059259.D
Acq On : 21 Jun 2018 12:50
Operator : VA/AP
Sample : J3570-01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 21 14:06:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	1430	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	1299	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	1065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	491	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	319	18.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 36.78%			
35) Dibromofluoromethane	4.29	113	263	28.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 57.70%			
50) Toluene-d8	7.71	98	895	33.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 66.84%			
62) 4-Bromofluorobenzene	11.51	95	567	41.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.88	85	66	4.08	ug/l #	42
3) Chloromethane	1.09	50	67	5.34	ug/l #	41
4) Vinyl Chloride	1.22	62	66	5.84	ug/l #	43
5) Bromomethane	1.22	94	67	10.17	ug/l #	1
6) Chloroethane	1.37	64	67	14.28	ug/l #	44
8) Diethyl Ether	1.76	74	136	30.75	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	2.02	101	63	5.62	ug/l #	19
11) Tert butyl alcohol	2.50	59	79	71.09	ug/l #	71
12) 1,1-Dichloroethene	1.93	96	69	7.32	ug/l #	1
13) Acrolein	2.22	56	72	74.86	ug/l #	71
14) Allyl chloride	2.21	41	159	8.60	ug/l #	4
15) Acrylonitrile	3.07	53	60	27.19	ug/l #	13
16) Acetone	2.31	43	331	79.94	ug/l #	59
17) Carbon Disulfide	1.85	76	927	35.04	ug/l #	78
18) Methyl Acetate	2.44	43	132	18.54	ug/l #	66
19) Methyl tert-butyl Ether	2.52	73	106	3.62	ug/l #	58
20) Methylene Chloride	2.27	84	72	7.26	ug/l #	1
21) trans-1,2-Dichloroethene	2.44	96	64	6.19	ug/l #	1
22) Diisopropyl ether	2.90	45	59	1.62	ug/l #	38
23) Vinyl Acetate	3.33	43	295	12.31	ug/l #	78
25) 2-Butanone	4.50	43	572	89.10	ug/l #	56
26) 2,2-Dichloropropane	3.71	77	172	10.76	ug/l #	65
27) cis-1,2-Dichloroethene	3.67	96	94	5.91	ug/l	1
28) Bromochloromethane	3.81	49	98	9.88	ug/l #	2
29) Tetrahydrofuran	4.24	42	221	78.13	ug/l #	36
31) Cyclohexane	3.74	56	82	4.26	ug/l #	15
32) 1,1,1-Trichloroethane	4.17	97	60	2.55	ug/l #	20
36) 1,1-Dichloropropene	4.51	75	62	4.92	ug/l #	42
37) Ethyl Acetate	4.26	43	78	10.03	ug/l #	17
38) Carbon Tetrachloride	4.02	117	86	6.30	ug/l #	13
40) Benzene	4.79	78	86	2.94	ug/l #	50
41) Methacrylonitrile	4.93	41	77	20.15	ug/l #	24
42) 1,2-Dichloroethane	5.24	62	62	4.73	ug/l	82
43) Isopropyl Acetate	7.10	43	879	84.36	ug/l #	44

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059259.D
Acq On : 21 Jun 2018 12:50
Operator : VA/AP
Sample : J3570-01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 21 14:06:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Trichloroethene	5.61	130	72	7.88	ug/l		1
48) Methyl methacrylate	6.88	41	419	65.23	ug/l	#	53
49) 1,4-Dioxane	6.65	88	92	2383.58	ug/l	#	47
51) 4-Methyl-2-Pentanone	8.41	43	1008	141.15	ug/l	#	77
52) Toluene	7.80	92	66	3.14	ug/l	#	1
53) t-1,3-Dichloropropene	8.42	75	83	5.94	ug/l	#	43
54) cis-1,3-Dichloropropene	7.35	75	63	3.93	ug/l	#	1
55) 1,1,2-Trichloroethane	8.52	97	60	7.87	ug/l	#	16
56) Ethyl methacrylate	8.76	69	371	38.59	ug/l		94
57) 1,3-Dichloropropane	9.01	76	125	9.58	ug/l	#	42
58) 2-Chloroethyl Vinyl ether	7.93	63	159	231.27	ug/l		100
59) 2-Hexanone	9.64	43	2222	393.36	ug/l		98
60) Dibromochloromethane	8.95	129	66	6.02	ug/l	#	12
65) Chlorobenzene	9.92	112	69	3.27	ug/l	#	42
67) Ethyl Benzene	10.04	91	135	3.68	ug/l	#	44
68) m/p-Xylenes	10.26	106	73	5.32	ug/l		90
69) o-Xylene	10.83	106	70	4.72	ug/l		41
70) Styrene	10.90	104	234	10.43	ug/l	#	60
73) Isopropylbenzene	11.23	105	263	7.74	ug/l	#	50
74) N-amyl acetate	11.47	43	176	14.49	ug/l	#	25
75) 1,1,2,2-Tetrachloroethane	11.78	83	65	8.07	ug/l	#	24
76) 1,2,3-Trichloropropane	11.89	75	185	31.08	ug/l	#	37
77) Bromobenzene	11.59	156	136	15.90	ug/l		72
78) n-propylbenzene	11.70	91	352	8.75	ug/l	#	53
79) 2-Chlorotoluene	11.77	91	61	2.57	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.92	105	257	9.13	ug/l		91
81) trans-1,4-Dichloro-2-buten	11.96	75	150	38.87	ug/l	#	19
82) 4-Chlorotoluene	12.01	91	345	13.63	ug/l	#	40
83) tert-Butylbenzene	12.15	119	67	2.40	ug/l	#	29
84) 1,2,4-Trimethylbenzene	12.29	105	277	9.50	ug/l	#	28
85) sec-Butylbenzene	12.38	105	68	1.79	ug/l	#	58
86) p-Isopropyltoluene	12.55	119	61	1.96	ug/l	#	50
87) 1,3-Dichlorobenzene	12.56	146	129	8.17	ug/l	#	49
88) 1,4-Dichlorobenzene	12.65	146	154	10.12	ug/l	#	24
89) n-Butylbenzene	12.93	91	123	2.57	ug/l	#	41
90) Hexachloroethane	12.99	117	64	8.34	ug/l	#	24
91) 1,2-Dichlorobenzene	13.03	146	165	10.84	ug/l	#	23
92) 1,2-Dibromo-3-Chloropropan	13.79	75	62	39.22	ug/l	#	8
93) 1,2,4-Trichlorobenzene	14.27	180	59	5.54	ug/l	#	64
95) Naphthalene	14.55	128	312	13.72	ug/l	#	70
96) 1,2,3-Trichlorobenzene	14.66	180	61	6.20	ug/l	#	11

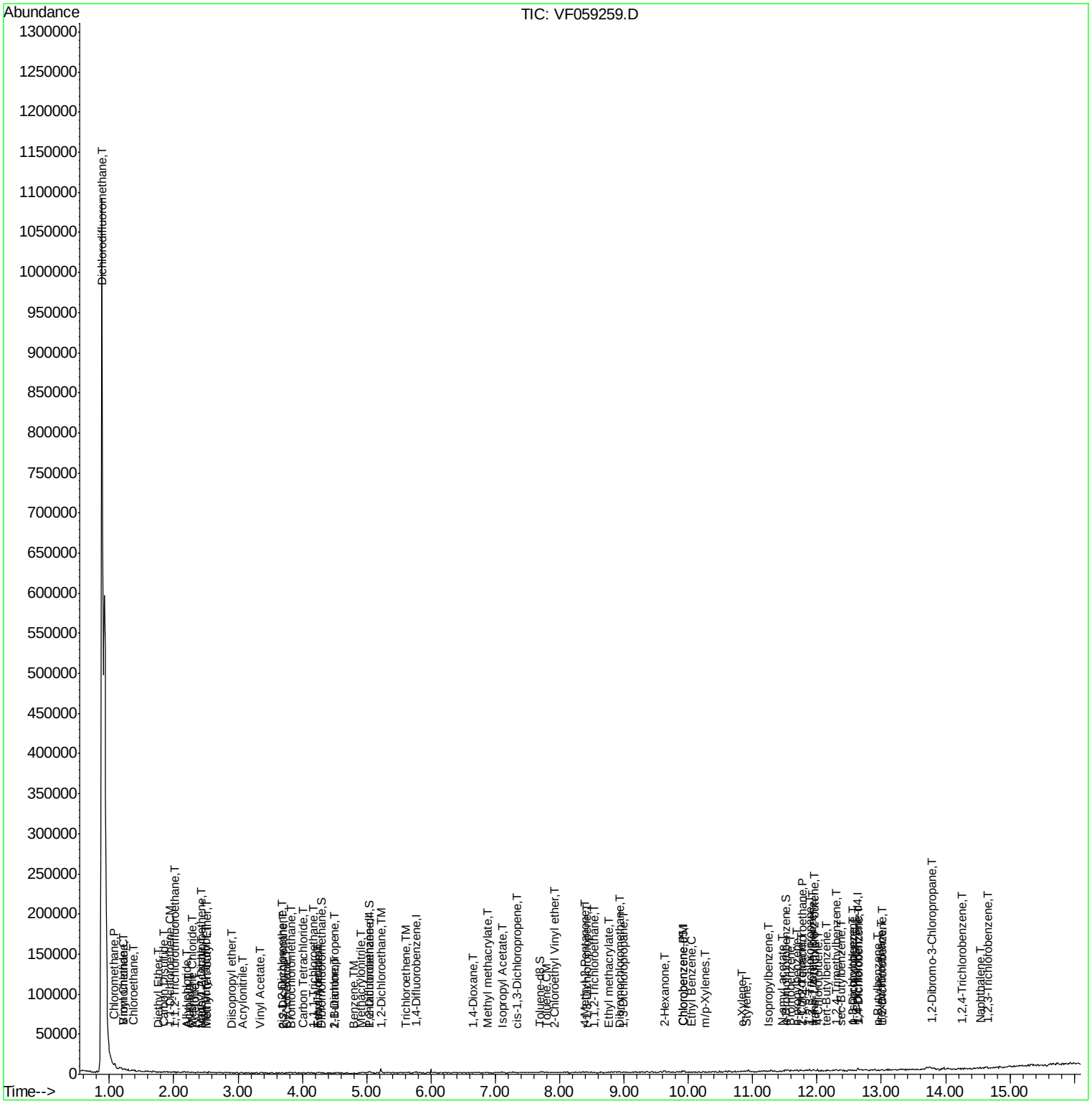
(#) = qualifier out of range (m) = manual integration (+) = signals summed

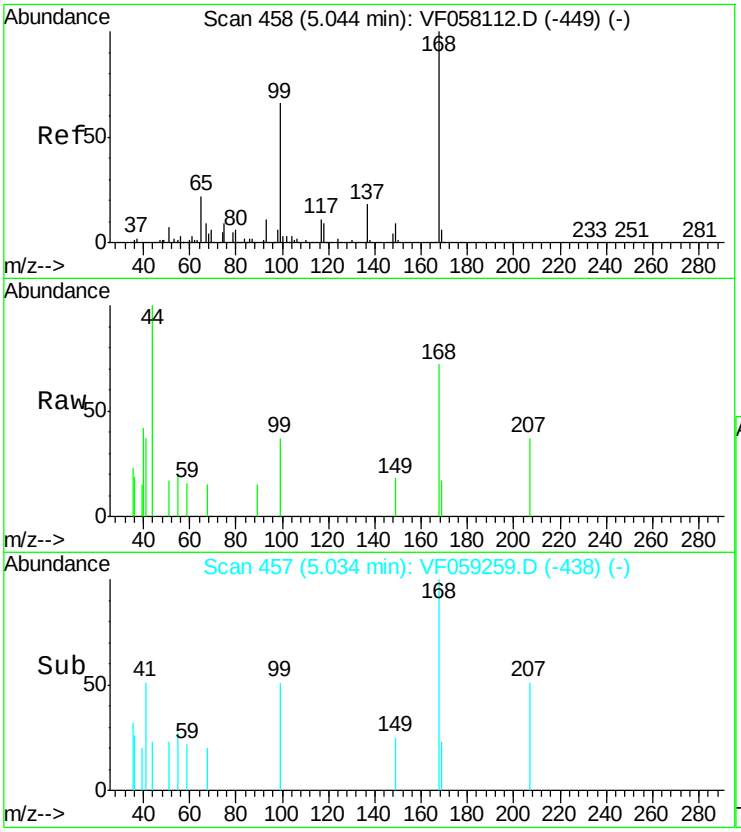
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059259.D
Acq On : 21 Jun 2018 12:50
Operator : VA/AP
Sample : J3570-01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 21 14:06:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration



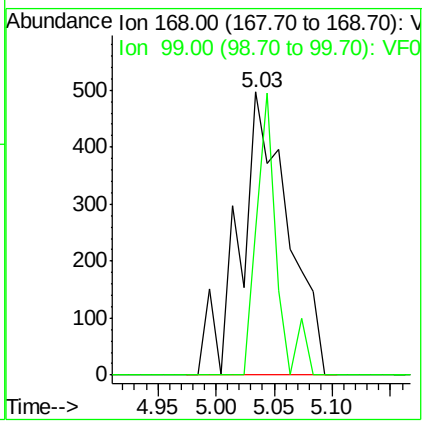


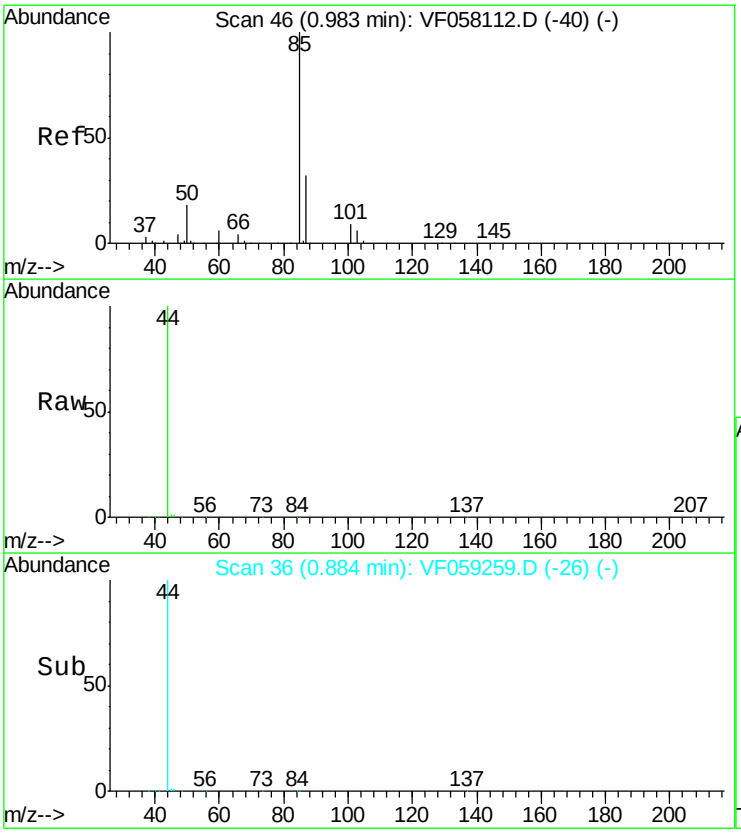
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 1430

Ion	Ratio	Lower	Upper
168	100		
99	51.1	52.9	79.3#

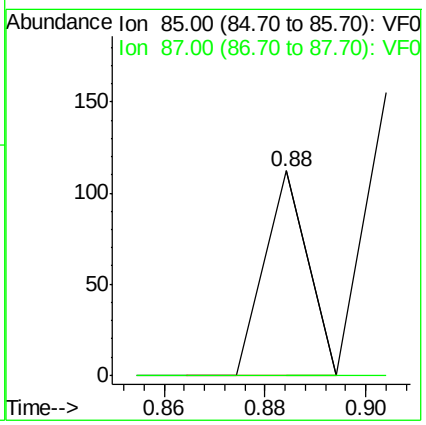


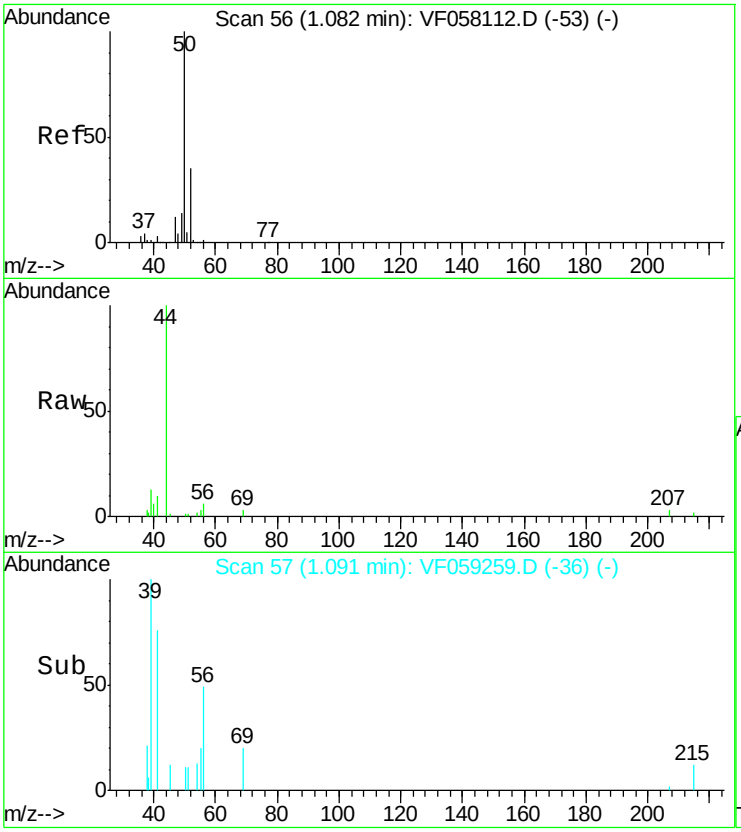


#2
Dichlorodifluoromethane
Concen: 4.08 ug/l
RT: 0.88 min Scan# 36
Delta R.T. -0.10 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 85 Resp: 66

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.6#



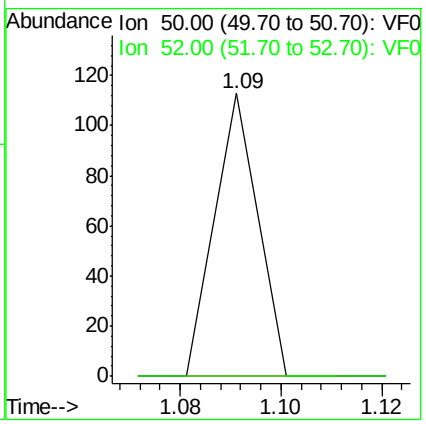


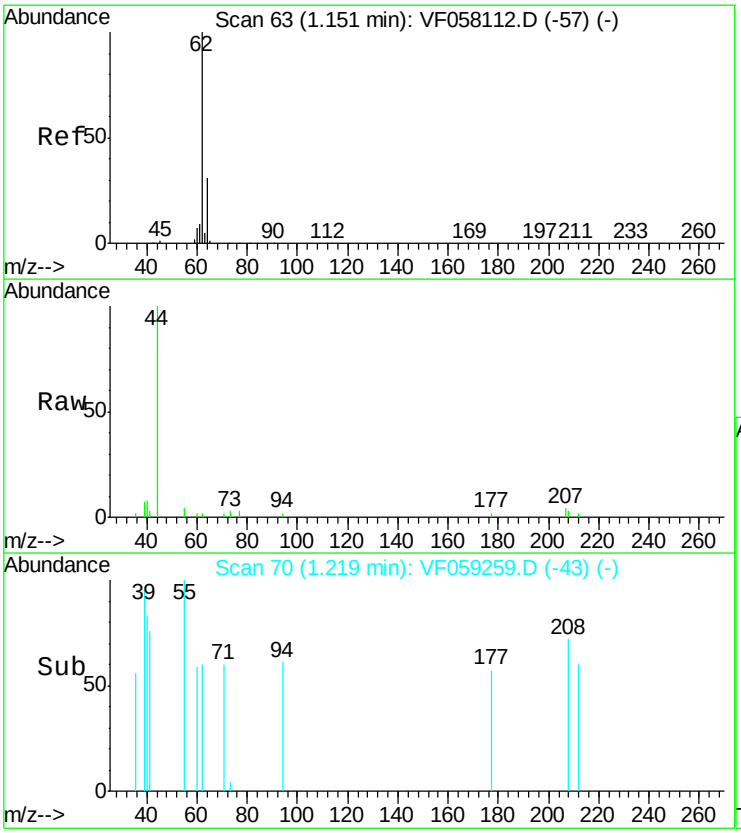
#3
Chloromethane
Concen: 5.34 ug/l
RT: 1.09 min Scan# 57
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 50 Resp: 67

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.3	40.9#

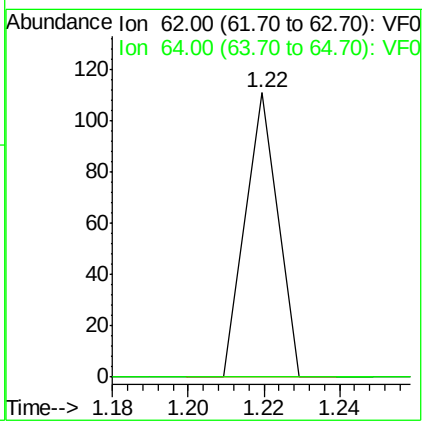


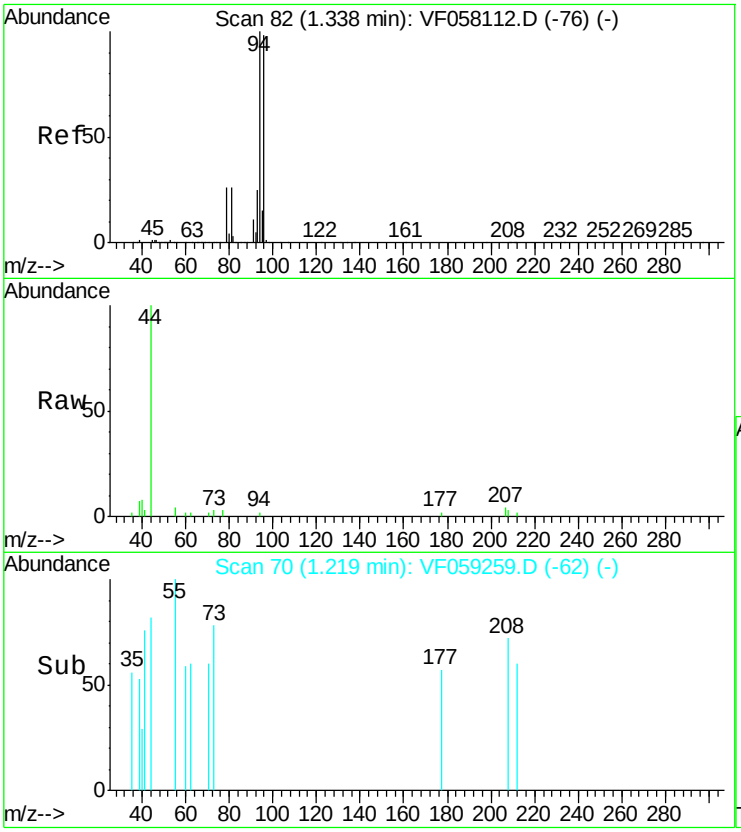


#4
Vinyl Chloride
Concen: 5.84 ug/l
RT: 1.22 min Scan# 70
Delta R.T. 0.07 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 62 Resp: 66

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.0	37.6#



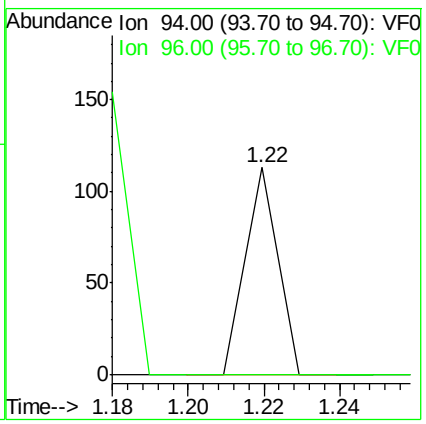


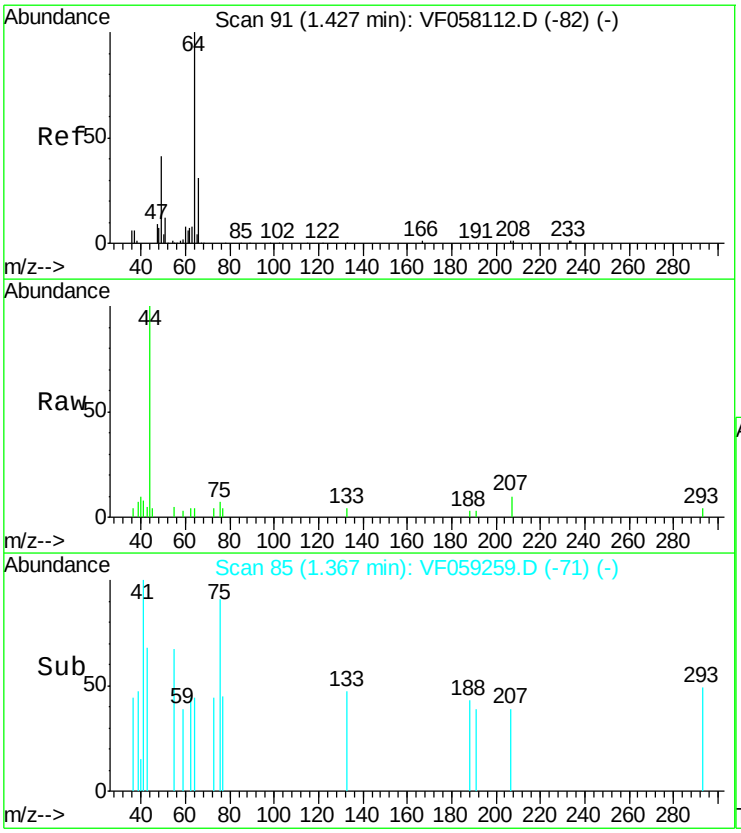
#5
Bromomethane
Concen: 10.17 ug/l
RT: 1.22 min Scan# 70
Delta R.T. -0.12 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 94 Resp: 67

Ion	Ratio	Lower	Upper
94	100		
96	0.0	78.6	117.8#

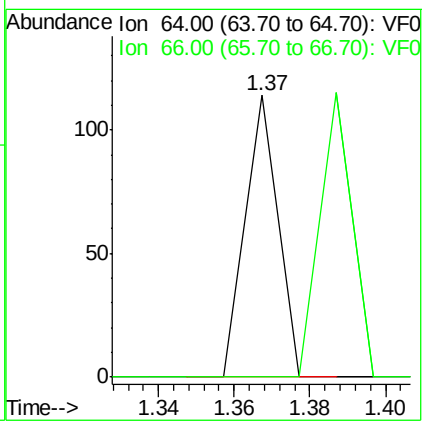


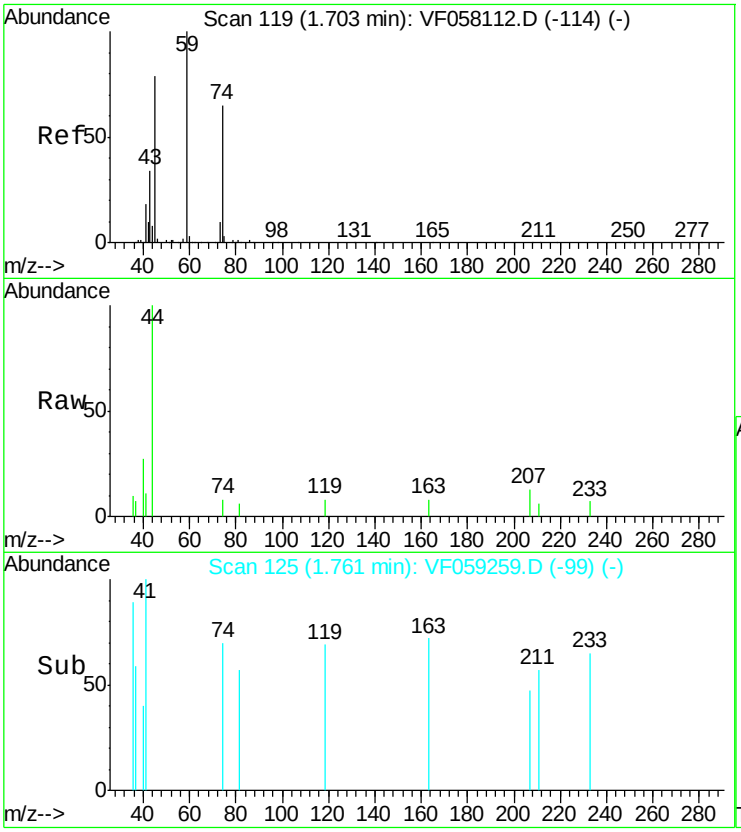


#6
Chloroethane
Concen: 14.28 ug/l
RT: 1.37 min Scan# 85
Delta R.T. -0.06 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 64 Resp: 67

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.9	37.3#



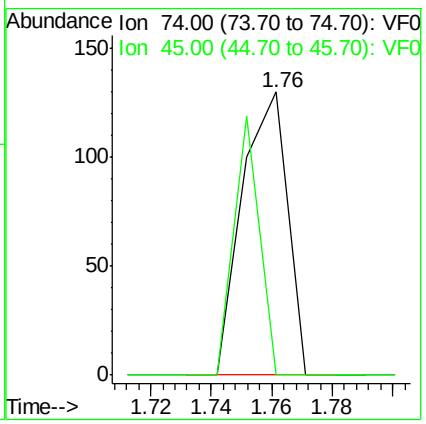


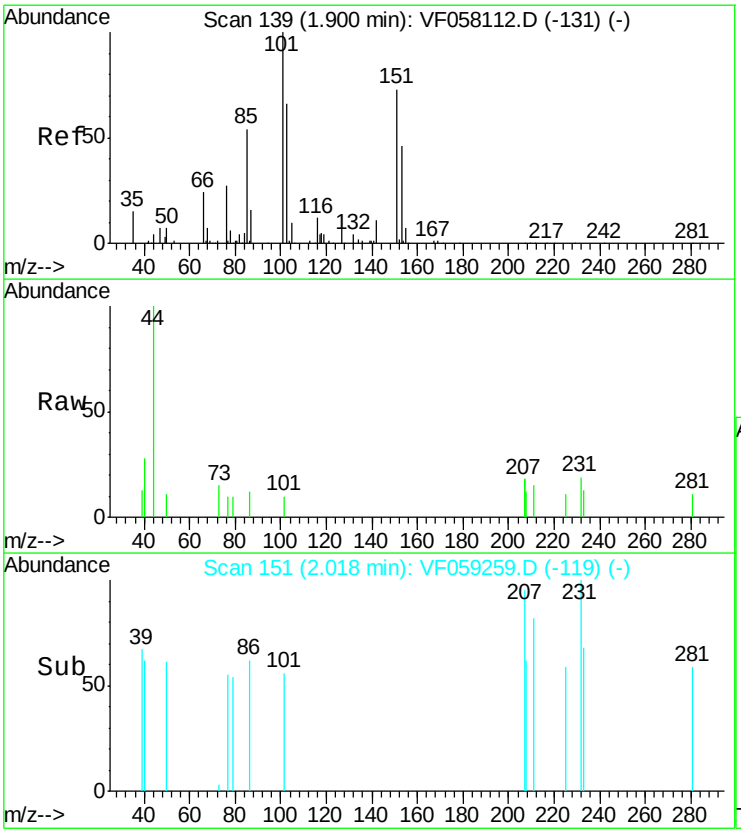
#8
Diethyl Ether
Concen: 30.75 ug/l
RT: 1.76 min Scan# 125
Delta R.T. 0.06 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 74 Resp: 136

Ion	Ratio	Lower	Upper
74	100		
45	0.0	61.5	184.4#

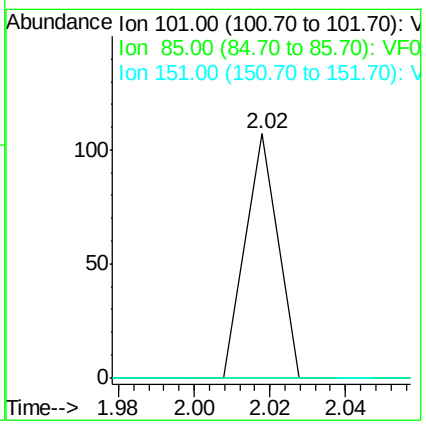


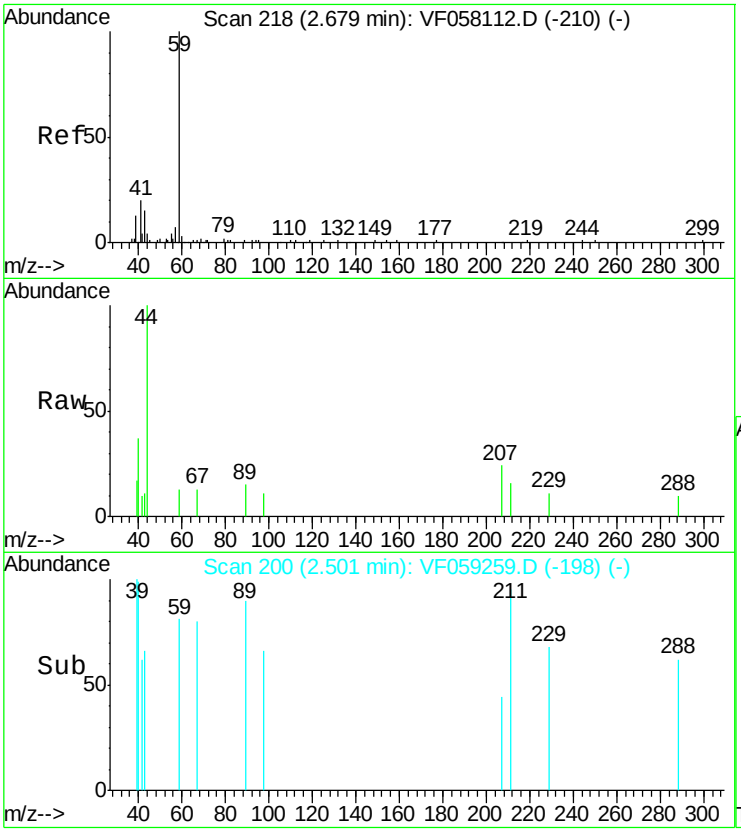


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.62 ug/l
RT: 2.02 min Scan# 151
Delta R.T. 0.12 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion:101 Resp: 63

Ion	Ratio	Lower	Upper
101	100		
85	0.0	42.2	63.4#
151	0.0	56.8	85.2#



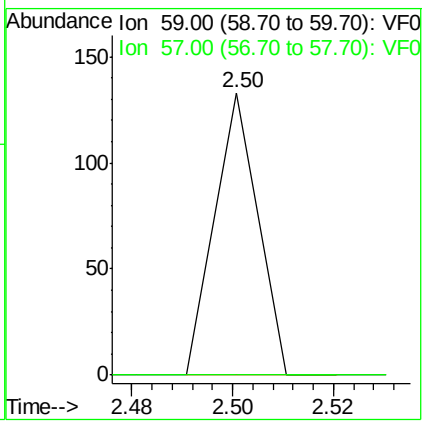


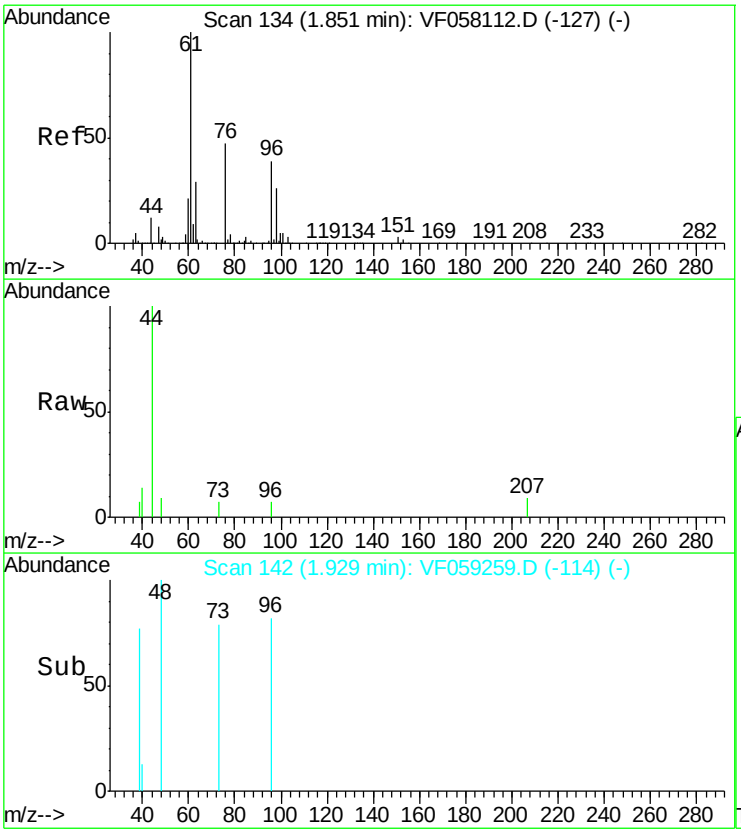
#11
Tert butyl alcohol
Concen: 71.09 ug/l
RT: 2.50 min Scan# 200
Delta R.T. -0.18 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 79

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

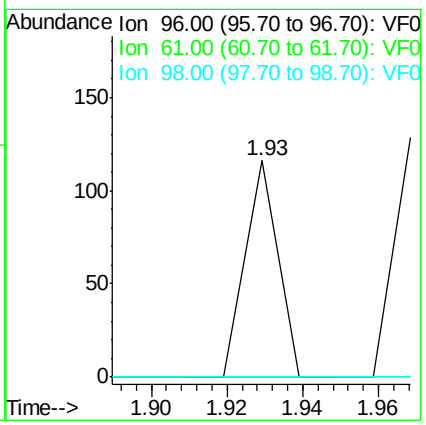


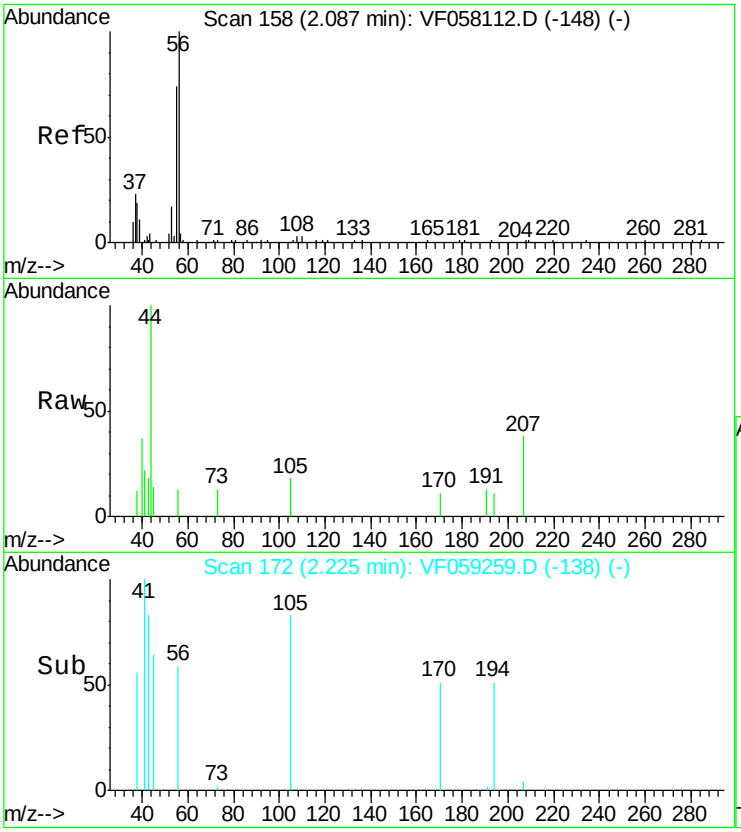


#12
1,1-Dichloroethene
Concen: 7.32 ug/l
RT: 1.93 min Scan# 142
Delta R.T. 0.08 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 96 Resp: 69

Ion	Ratio	Lower	Upper
96	100		
61	0.0	203.0	304.4#
98	0.0	52.7	79.1#



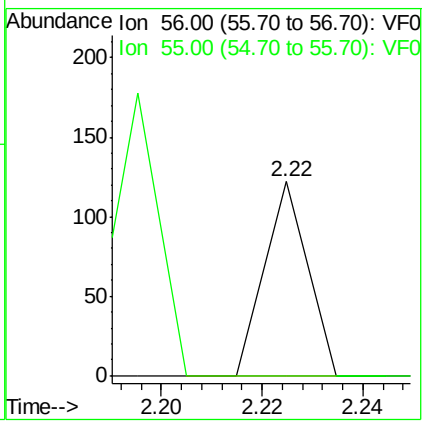


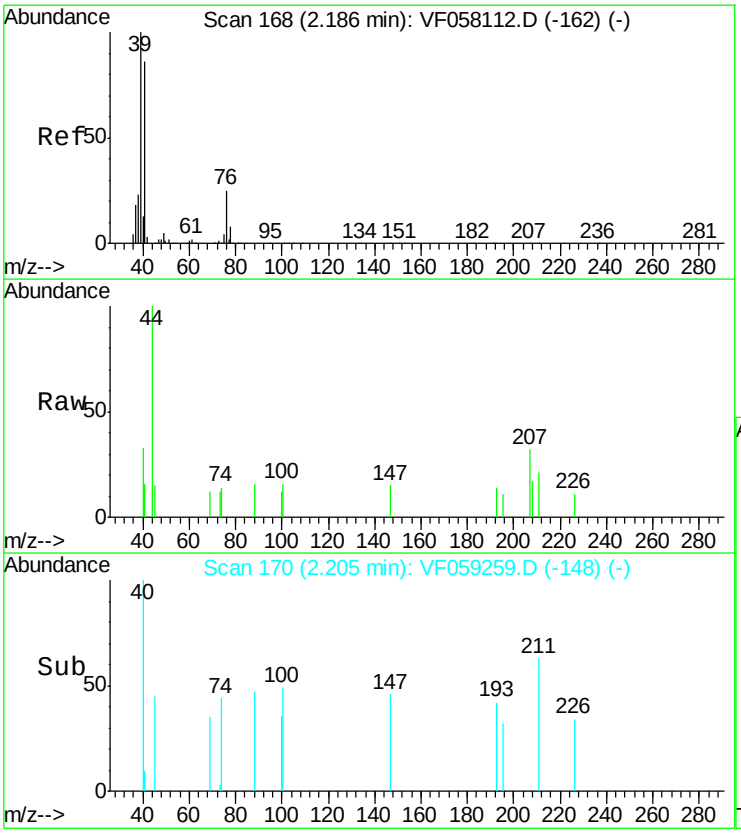
#13
Acrolein
Concen: 74.86 ug/l
RT: 2.22 min Scan# 172
Delta R.T. 0.14 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 72

Ion	Ratio	Lower	Upper
56	100		
55	100.0	60.0	90.0#

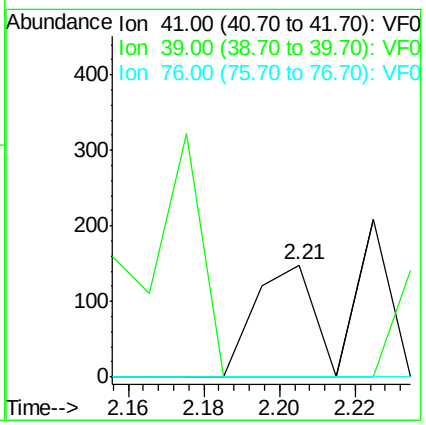


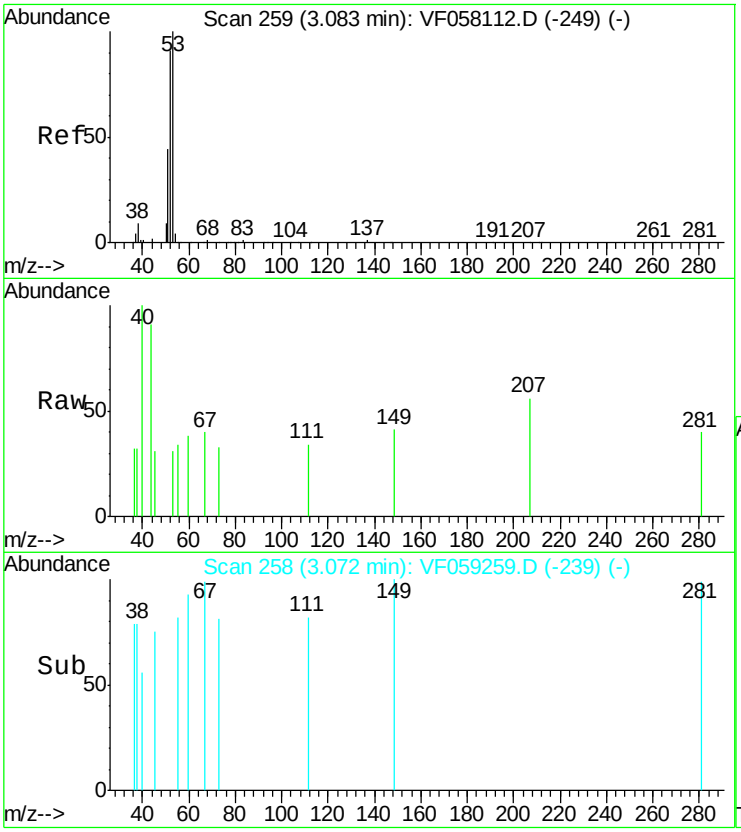


#14
Allyl chloride
Concen: 8.60 ug/l
RT: 2.21 min Scan# 170
Delta R.T. 0.02 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 41 Resp: 159

Ion	Ratio	Lower	Upper
41	100		
39	0.0	93.5	140.3#
76	0.0	23.9	35.9#



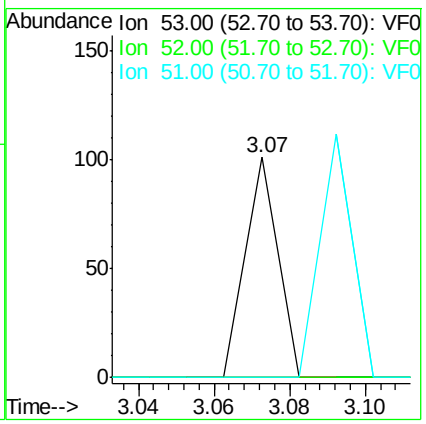


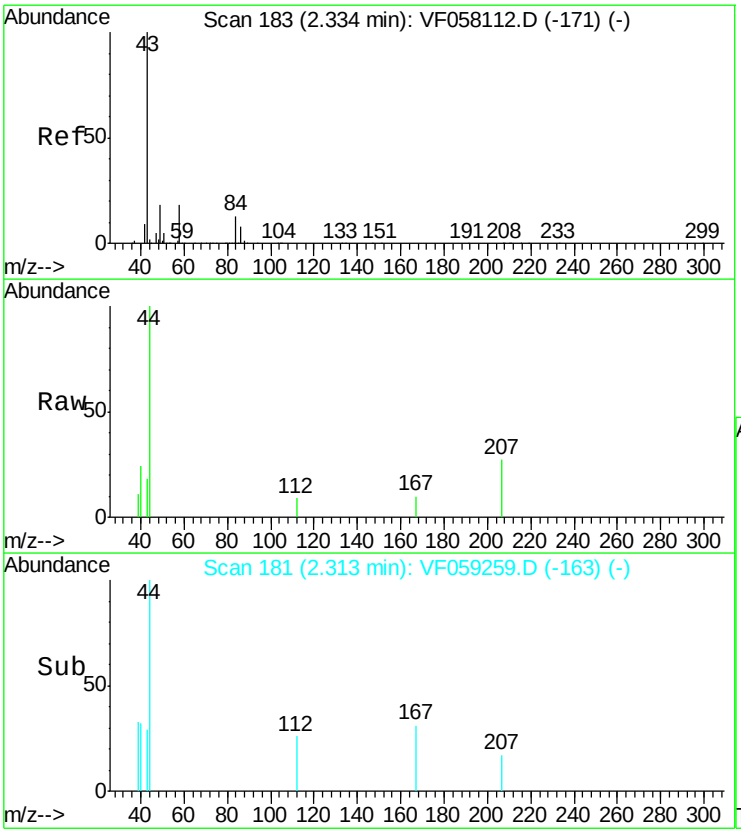
#15
Acrylonitrile
Concen: 27.19 ug/l
RT: 3.07 min Scan# 258
Delta R.T. -0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 60

Ion	Ratio	Lower	Upper
53	100		
52	0.0	73.2	109.8#
51	0.0	35.6	53.4#

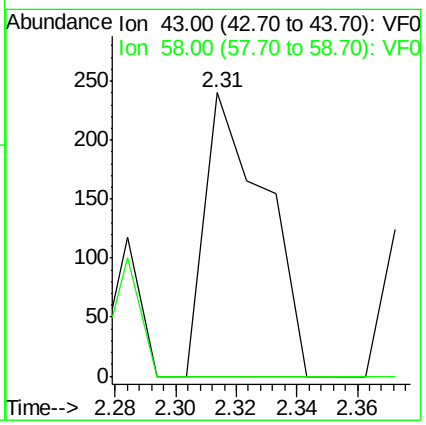


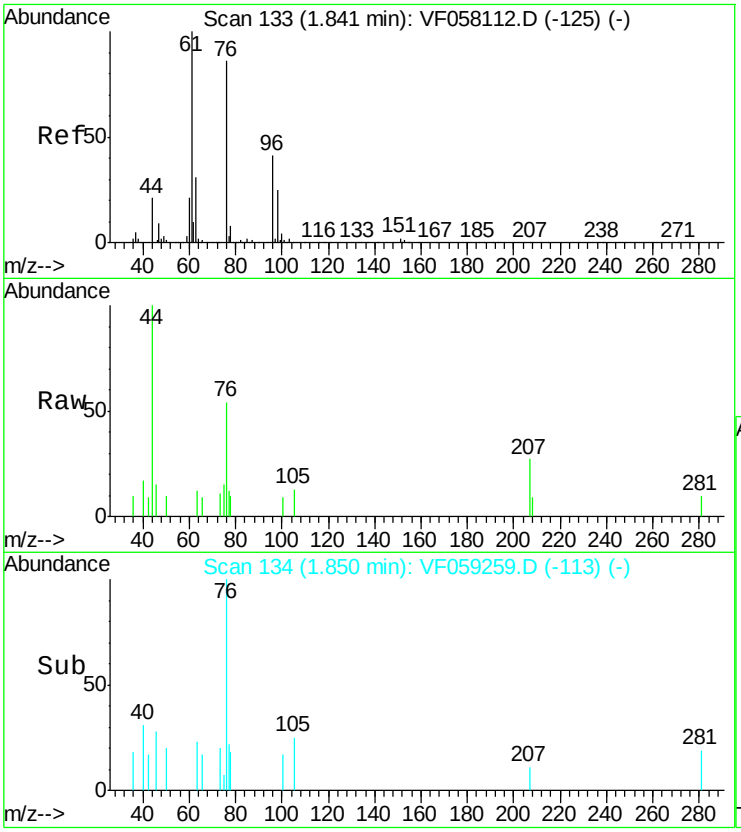


#16
Acetone
Concen: 79.94 ug/l
RT: 2.31 min Scan# 181
Delta R.T. -0.02 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 43 Resp: 331

Ion	Ratio	Lower	Upper
43	100		
58	0.0	14.4	21.6#



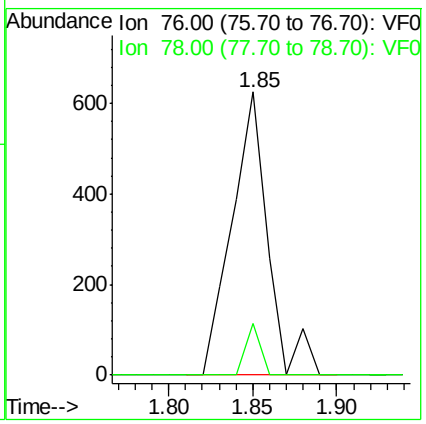


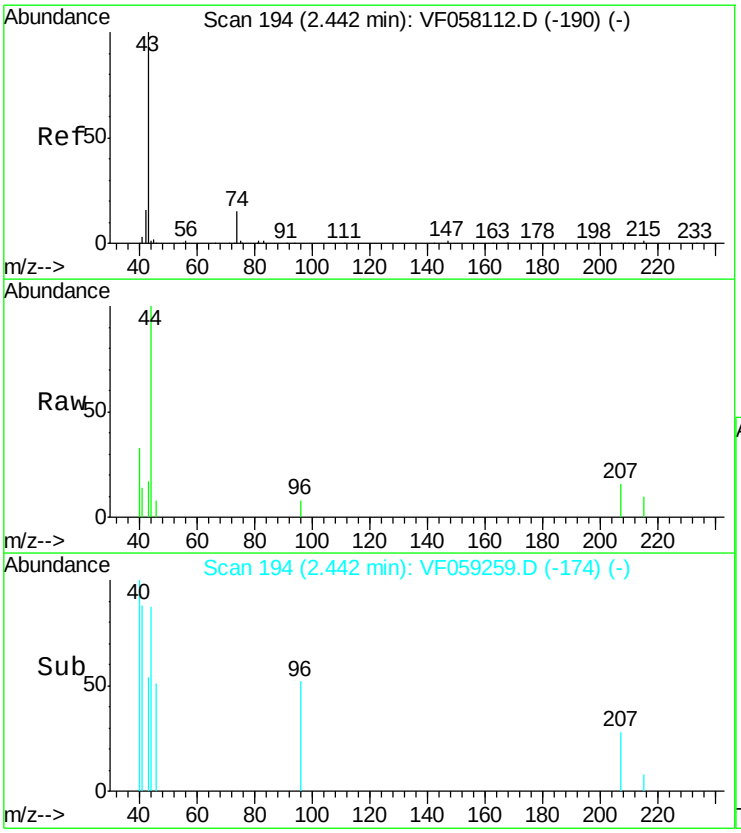
#17
Carbon Disulfide
Concen: 35.04 ug/l
RT: 1.85 min Scan# 134
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 76 Resp: 927

Ion	Ratio	Lower	Upper
76	100		
78	18.1	7.8	11.8#

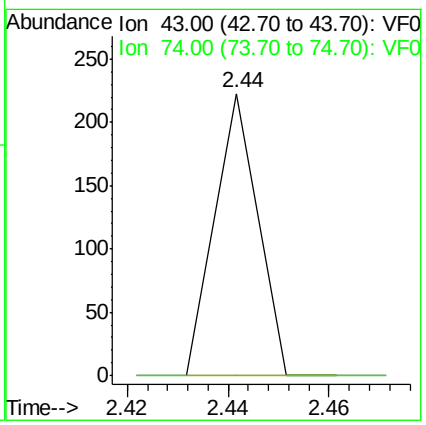


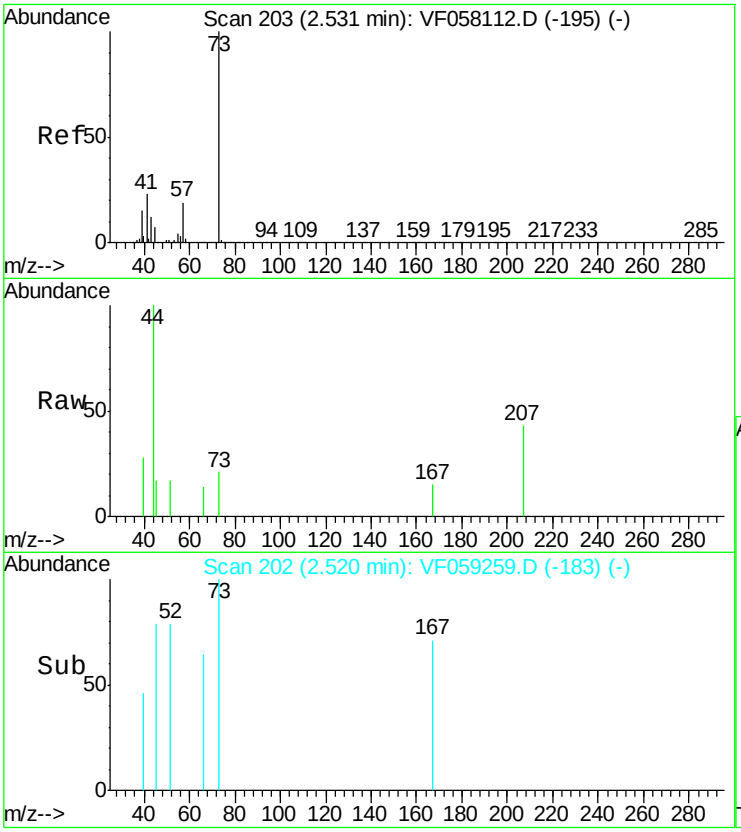


#18
Methyl Acetate
Concen: 18.54 ug/l
RT: 2.44 min Scan# 194
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 43 Resp: 132

Ion	Ratio	Lower	Upper
43	100		
74	0.0	10.9	16.3#



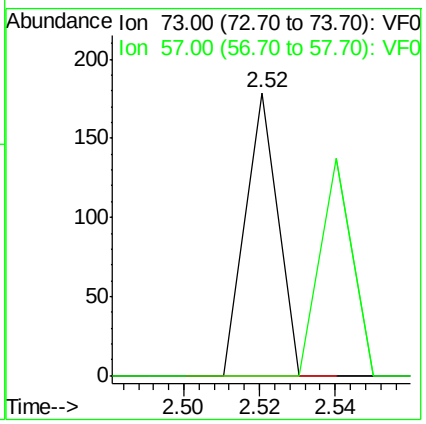


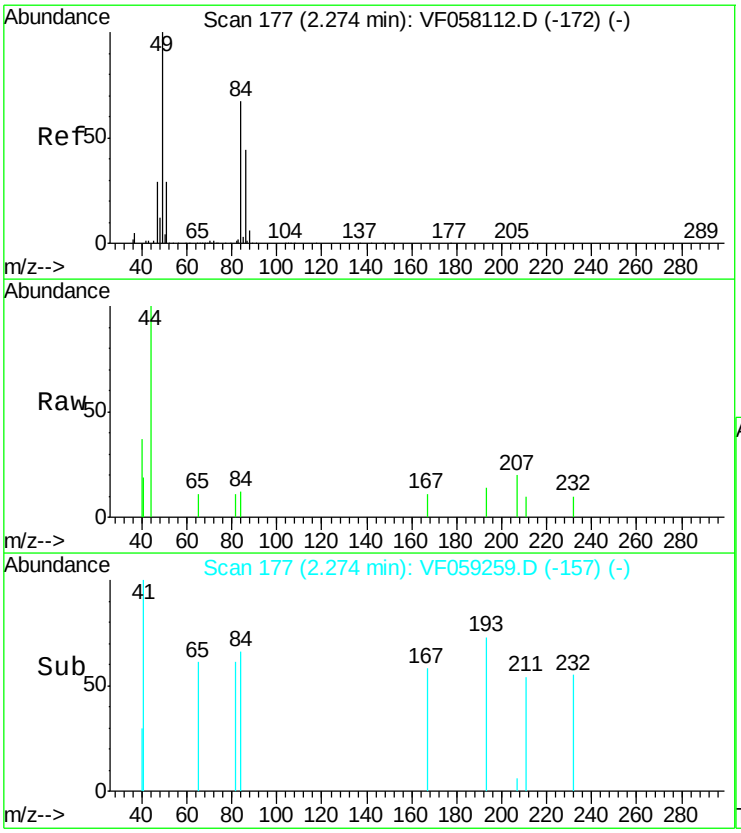
#19
Methyl tert-butyl Ether
Concen: 3.62 ug/l
RT: 2.52 min Scan# 202
Delta R.T. -0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 73 Resp: 106

Ion	Ratio	Lower	Upper
73	100		
57	0.0	15.0	22.4#

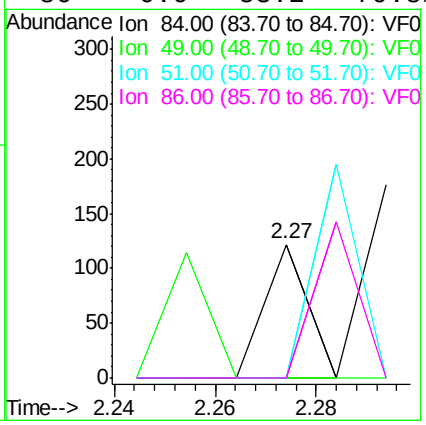


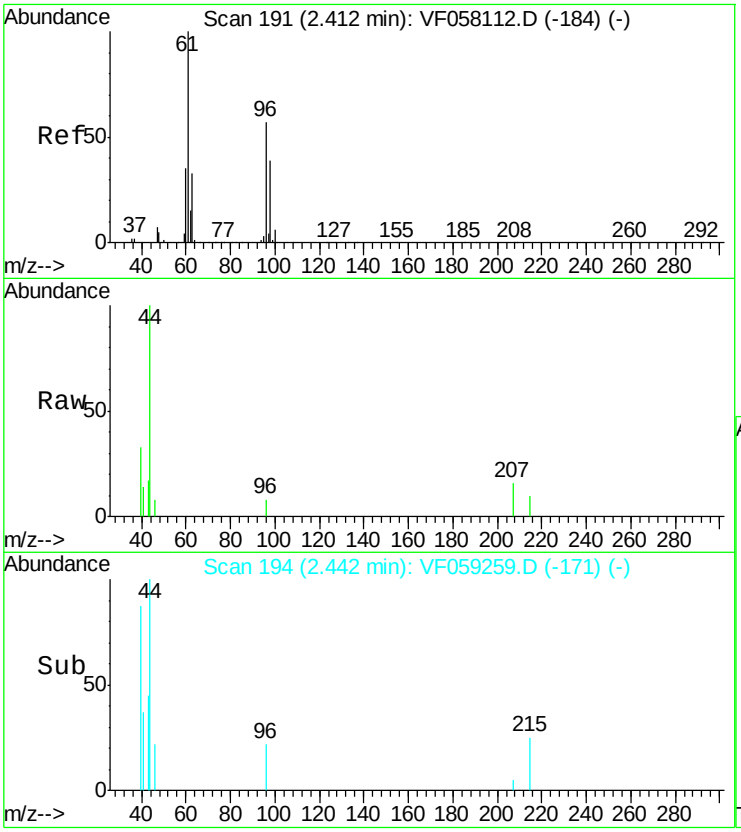


#20
Methylene Chloride
Concen: 7.26 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 84 Resp: 72

Ion	Ratio	Lower	Upper
84	100		
49	0.0	121.0	181.4#
51	0.0	35.8	53.6#
86	0.0	53.2	79.8#



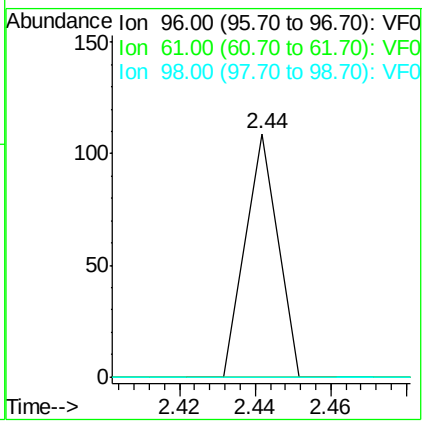


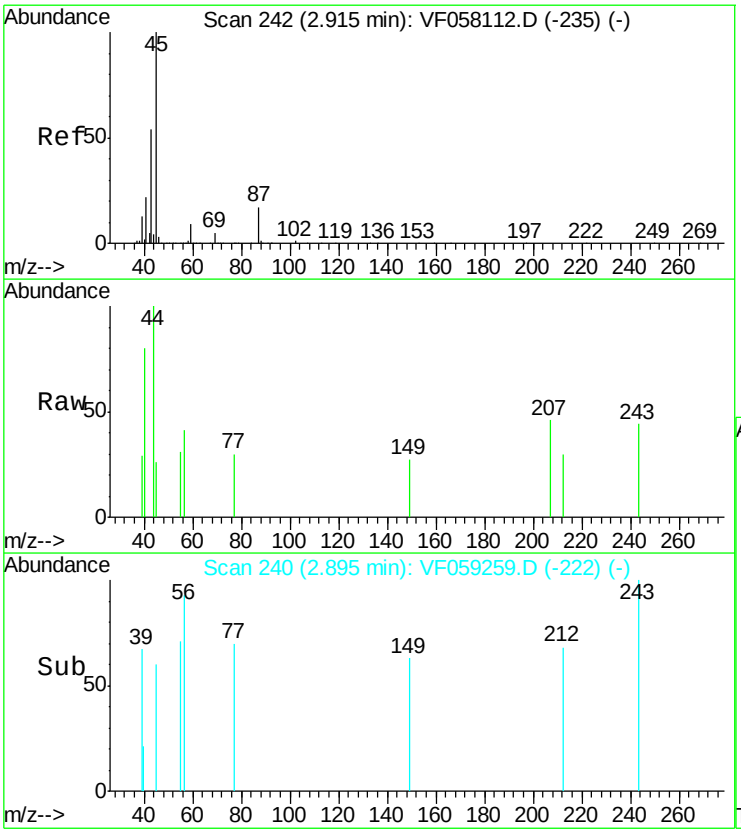
#21
trans-1,2-Dichloroethene
Concen: 6.19 ug/l
RT: 2.44 min Scan# 194
Delta R.T. 0.03 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 96 Resp: 64

Ion	Ratio	Lower	Upper
96	100		
61	0.0	139.4	209.2#
98	0.0	54.0	81.0#

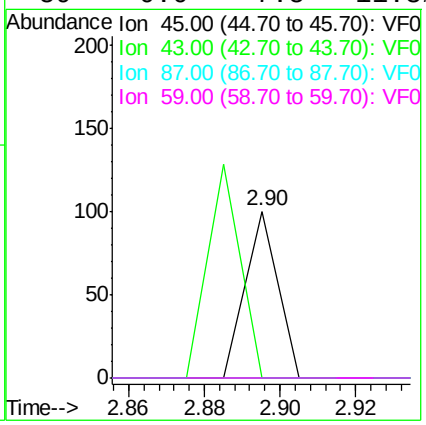


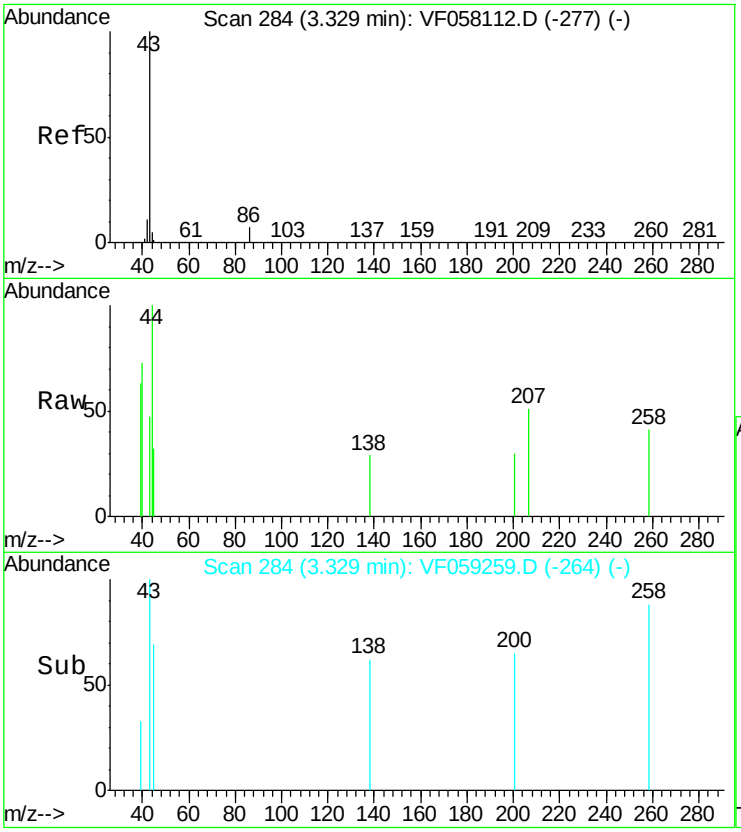


#22
Diisopropyl ether
Concen: 1.62 ug/l
RT: 2.90 min Scan# 240
Delta R.T. -0.02 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 45 Resp: 59

Ion	Ratio	Lower	Upper
45	100		
43	0.0	43.2	64.8#
87	0.0	13.8	20.6#
59	0.0	7.5	11.3#



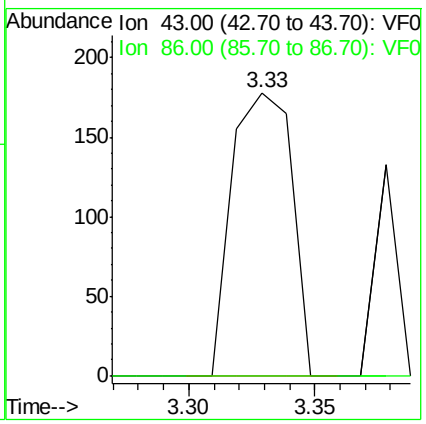


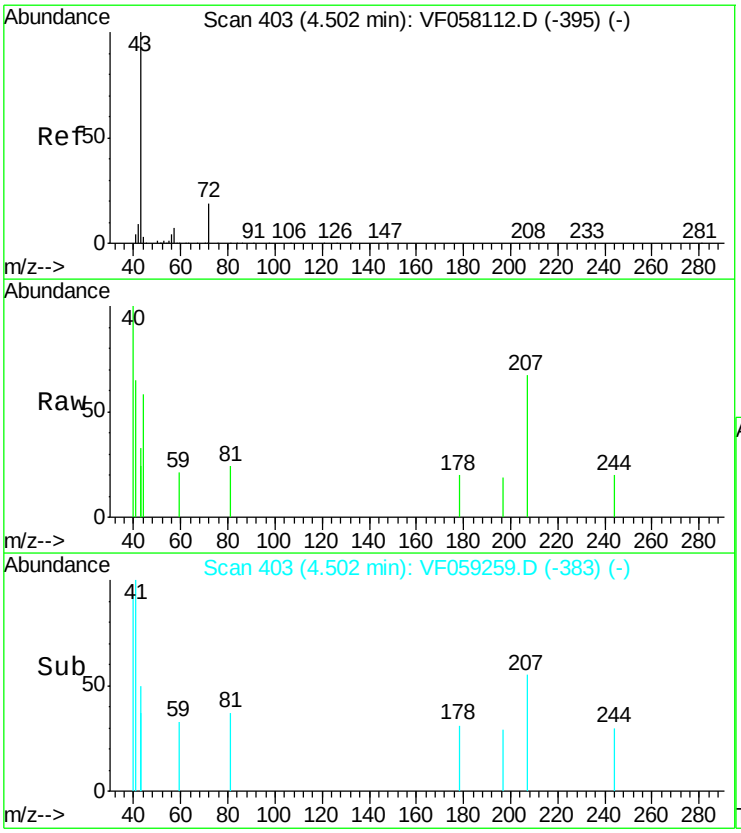
#23
Vinyl Acetate
Concen: 12.31 ug/l
RT: 3.33 min Scan# 284
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 295

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.0	9.0#

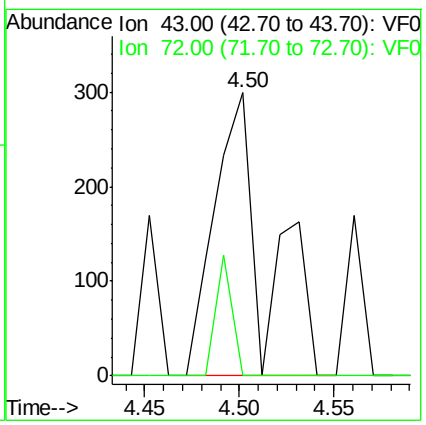


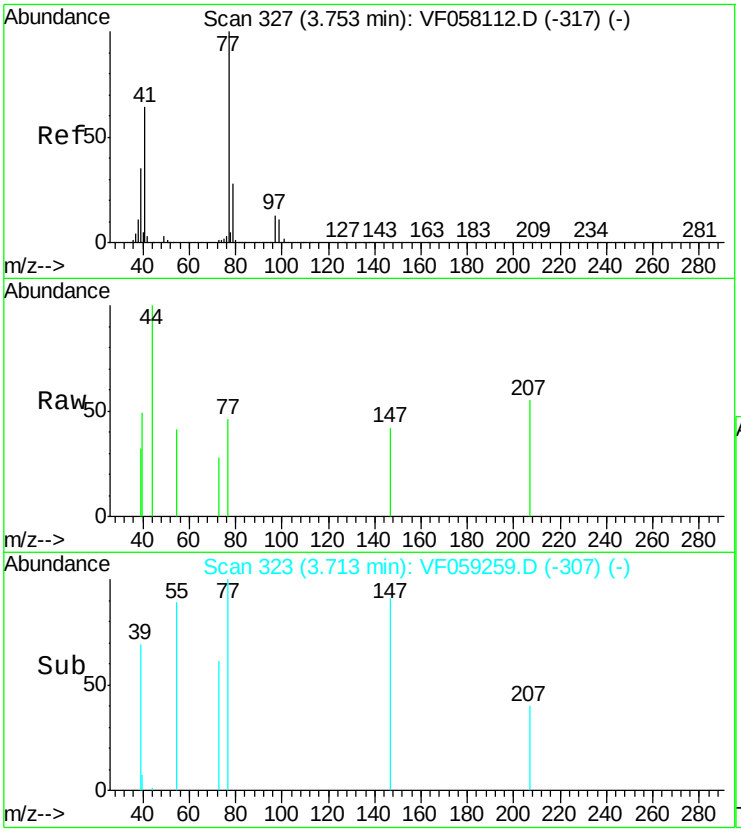


#25
2-Butanone
Concen: 89.10 ug/l
RT: 4.50 min Scan# 403
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 43 Resp: 572

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.1	24.1#



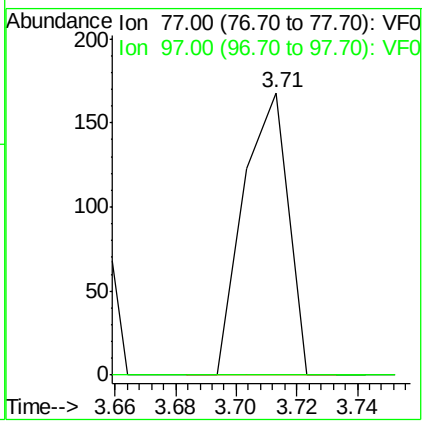


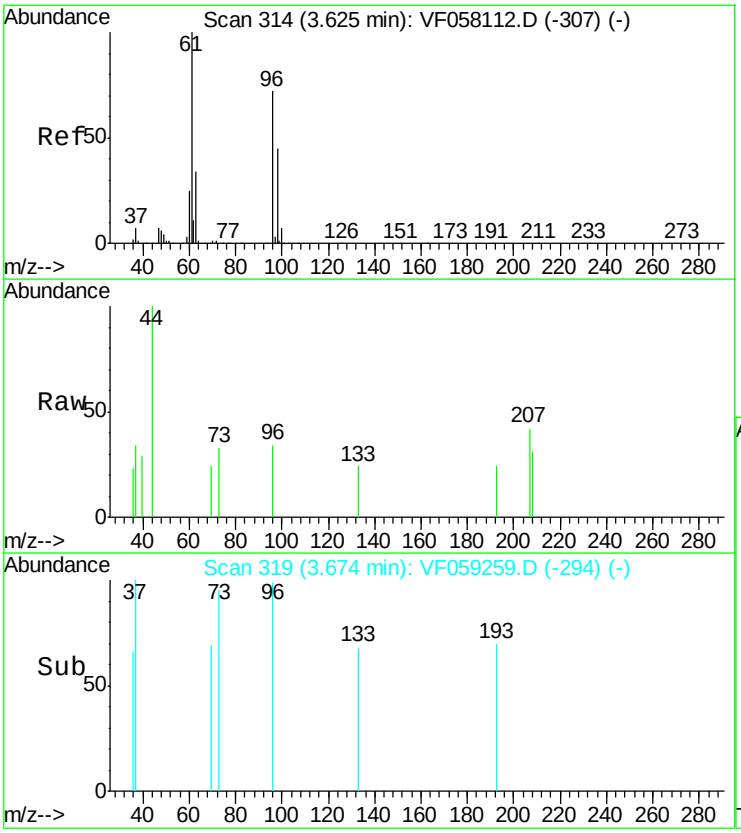
#26
2,2-Dichloropropane
Concen: 10.76 ug/l
RT: 3.71 min Scan# 323
Delta R.T. -0.04 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 77 Resp: 172

Ion	Ratio	Lower	Upper
77	100		
97	0.0	7.2	21.6#

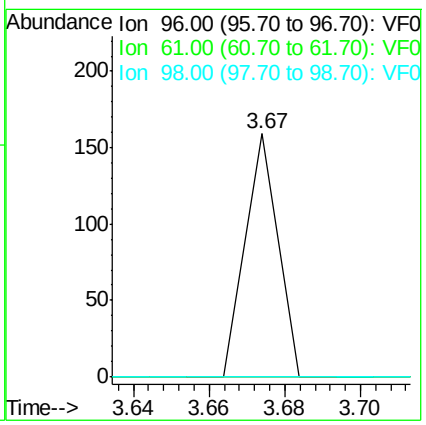


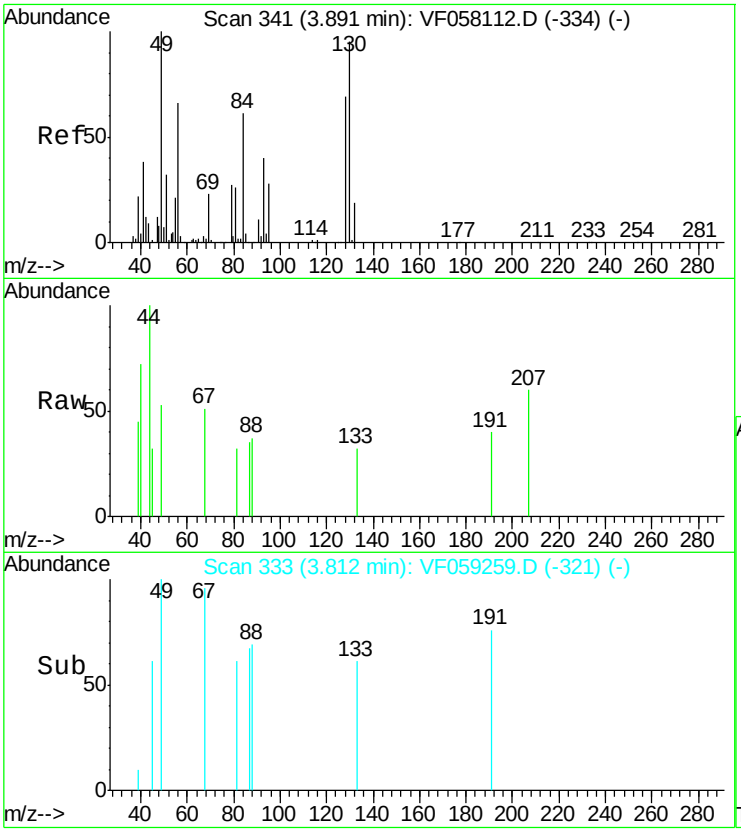


#27
cis-1,2-Dichloroethene
Concen: 5.91 ug/l
RT: 3.67 min Scan# 319
Delta R.T. 0.05 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 96 Resp: 94

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	278.6
98	0.0	0.0	125.2



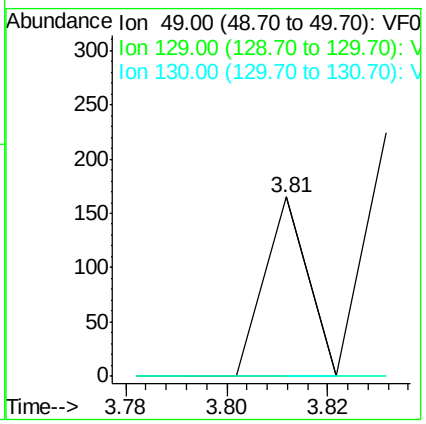


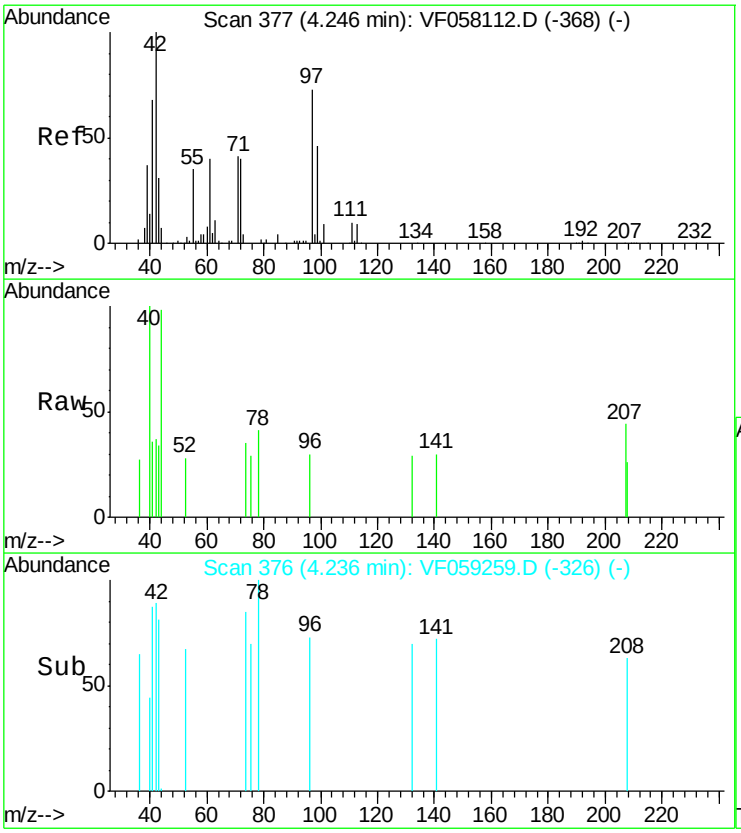
#28
Bromochloromethane
Concen: 9.88 ug/l
RT: 3.81 min Scan# 333
Delta R.T. -0.08 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 49 Resp: 98

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	0.0	75.8	113.8#

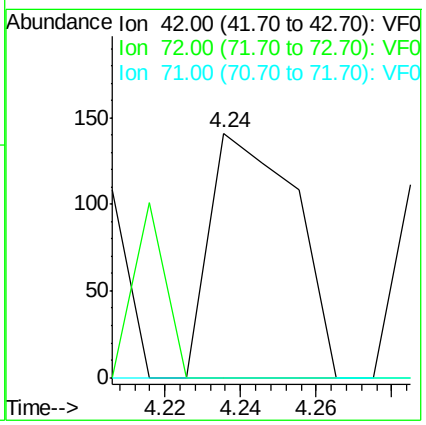


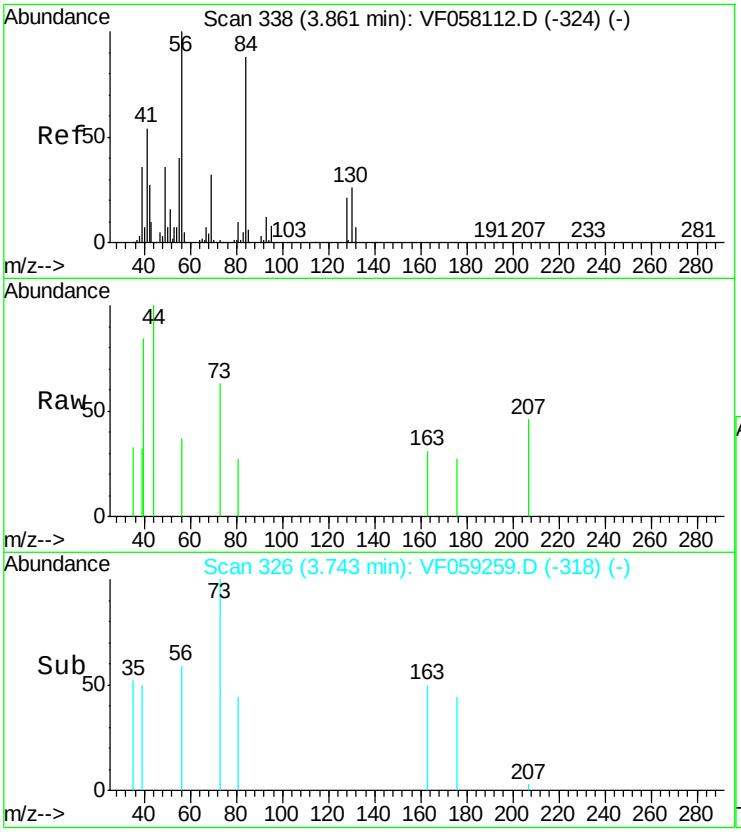


#29
Tetrahydrofuran
Concen: 78.13 ug/l
RT: 4.24 min Scan# 376
Delta R.T. -0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 42 Resp: 221

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.5	45.7#
71	0.0	31.5	47.3#



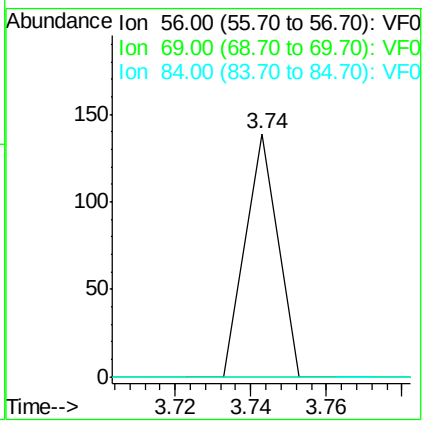


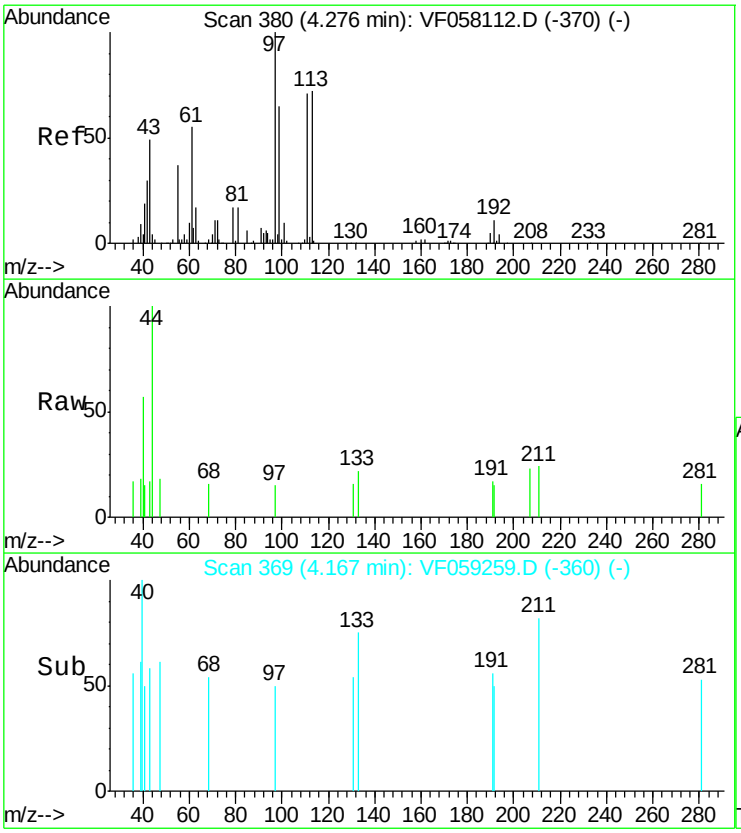
#31
Cyclohexane
Concen: 4.26 ug/l
RT: 3.74 min Scan# 326
Delta R.T. -0.12 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 82

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.9	38.9#
84	0.0	70.3	105.5#

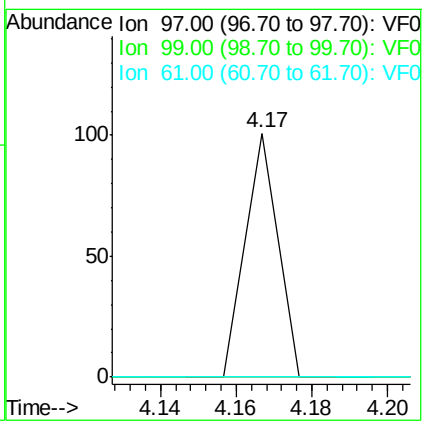


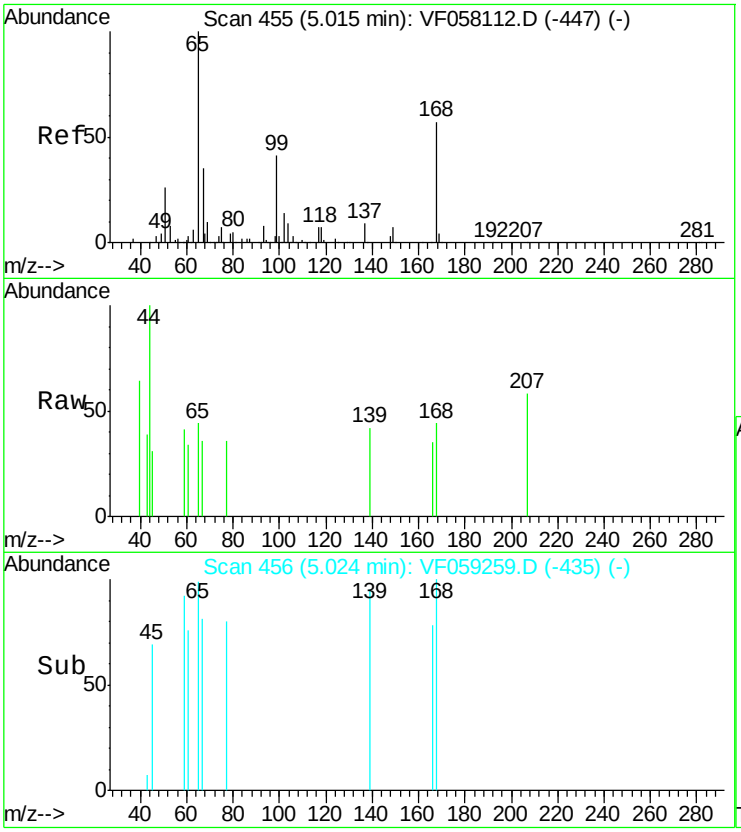


#32
1,1,1-Trichloroethane
Concen: 2.55 ug/l
RT: 4.17 min Scan# 369
Delta R.T. -0.11 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 97 Resp: 60

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	0.0	44.3	66.5#



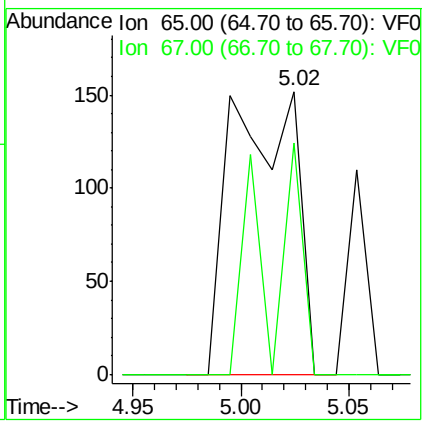


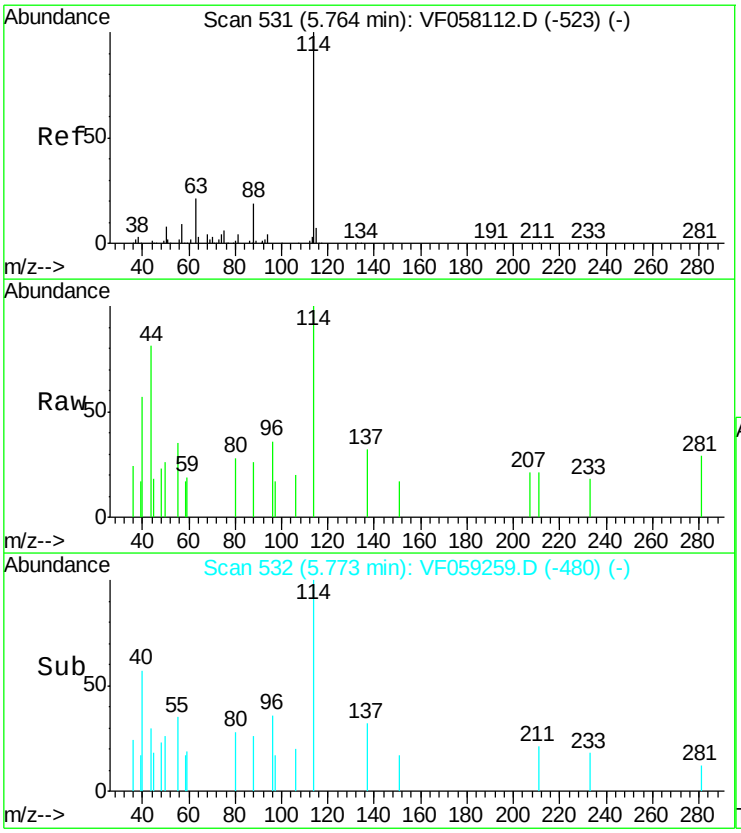
#33
1,2-Dichloroethane-d4
Concen: 18.39 ug/l
RT: 5.02 min Scan# 456
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 319

Ion	Ratio	Lower	Upper
65	100		
67	81.6	0.0	97.0

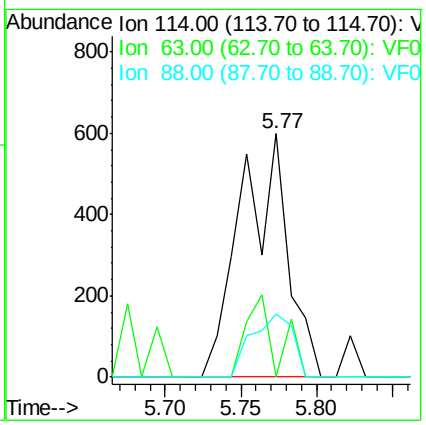


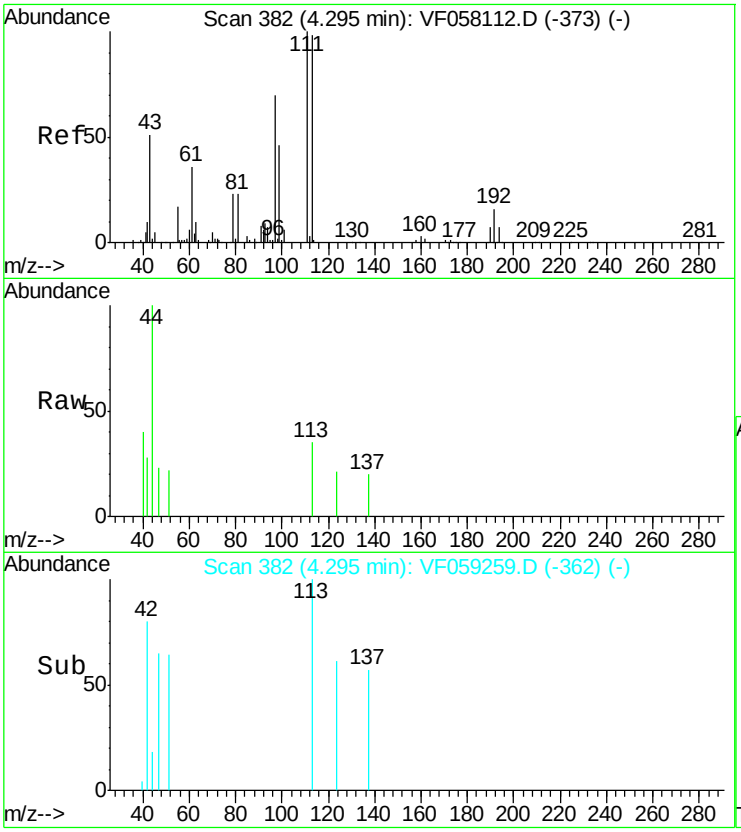


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion:114 Resp: 1299

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	41.6
88	26.0	0.0	38.8



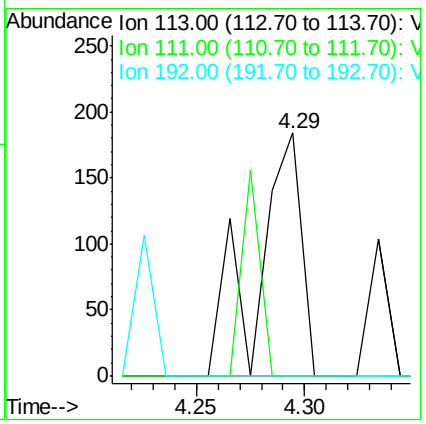


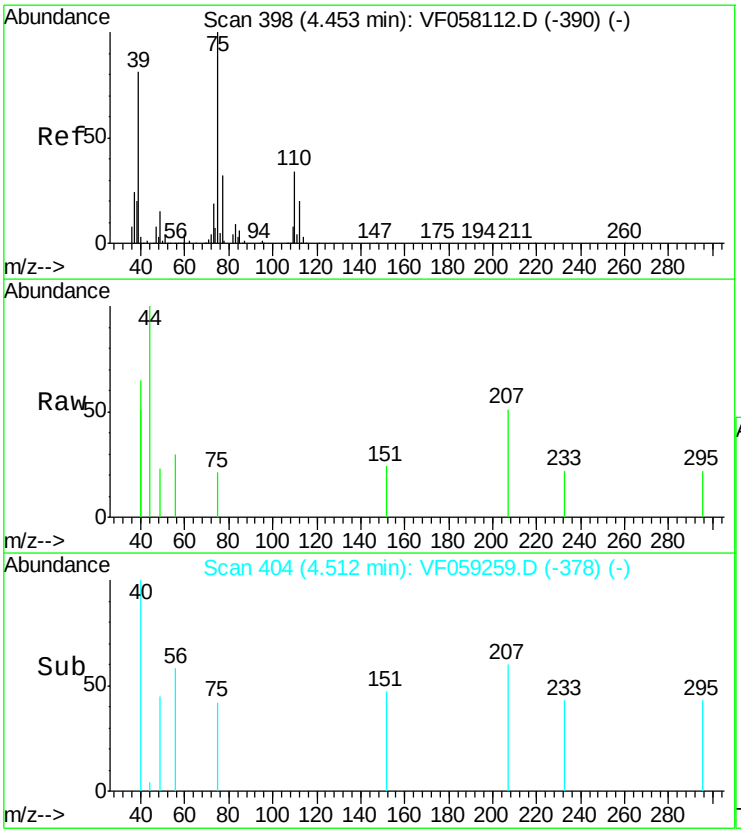
#35
Dibromofluoromethane
Concen: 28.85 ug/l
RT: 4.29 min Scan# 382
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 263

Ion	Ratio	Lower	Upper
113	100		
111	0.0	81.3	121.9#
192	0.0	12.7	19.1#

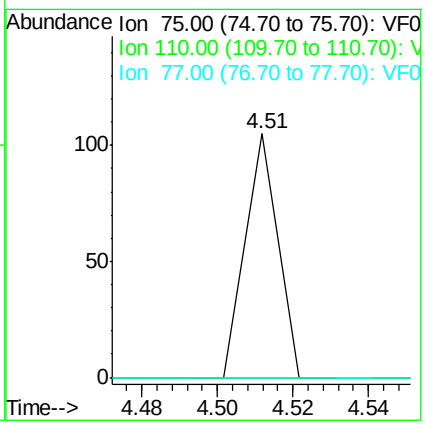


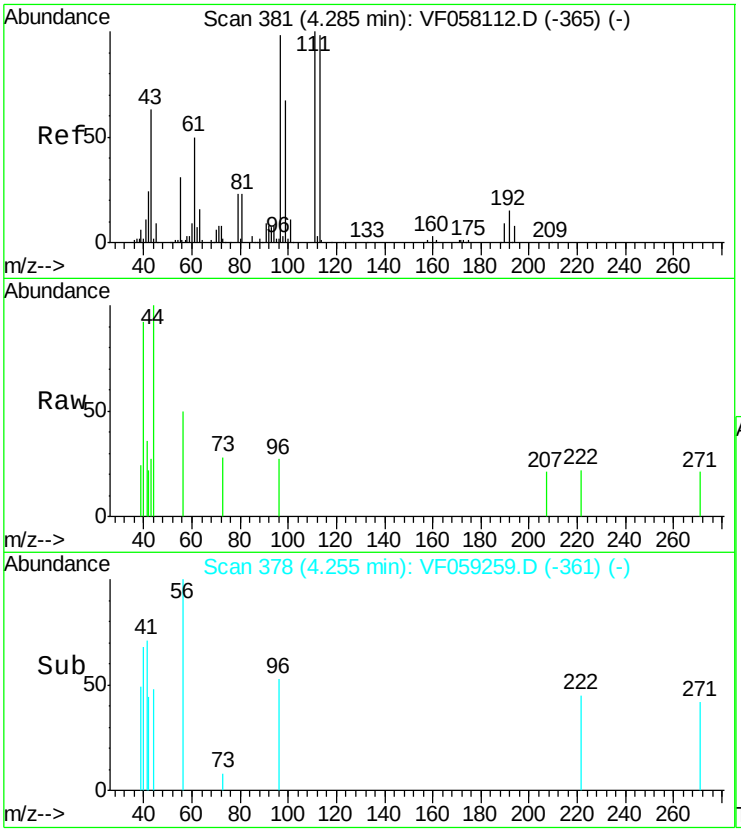


#36
1,1-Dichloropropene
Concen: 4.92 ug/l
RT: 4.51 min Scan# 404
Delta R.T. 0.06 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 75 Resp: 62

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.0	50.9#
77	0.0	25.3	37.9#



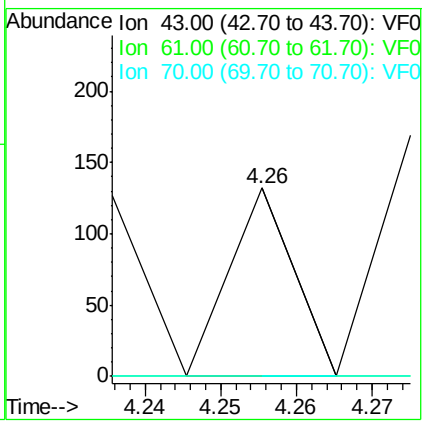


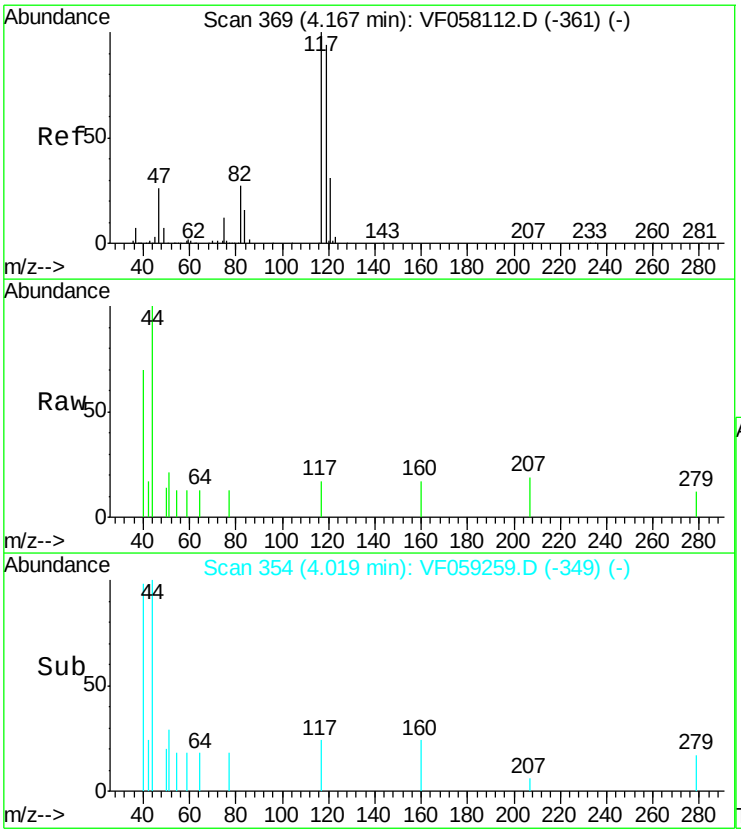
#37
Ethyl Acetate
Concen: 10.03 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.03 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 78

Ion	Ratio	Lower	Upper
43	100		
61	0.0	63.0	94.4#
70	0.0	7.5	11.3#

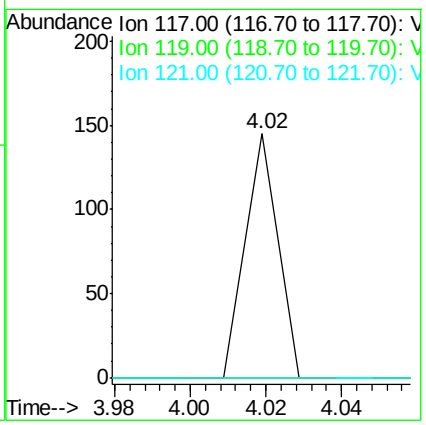


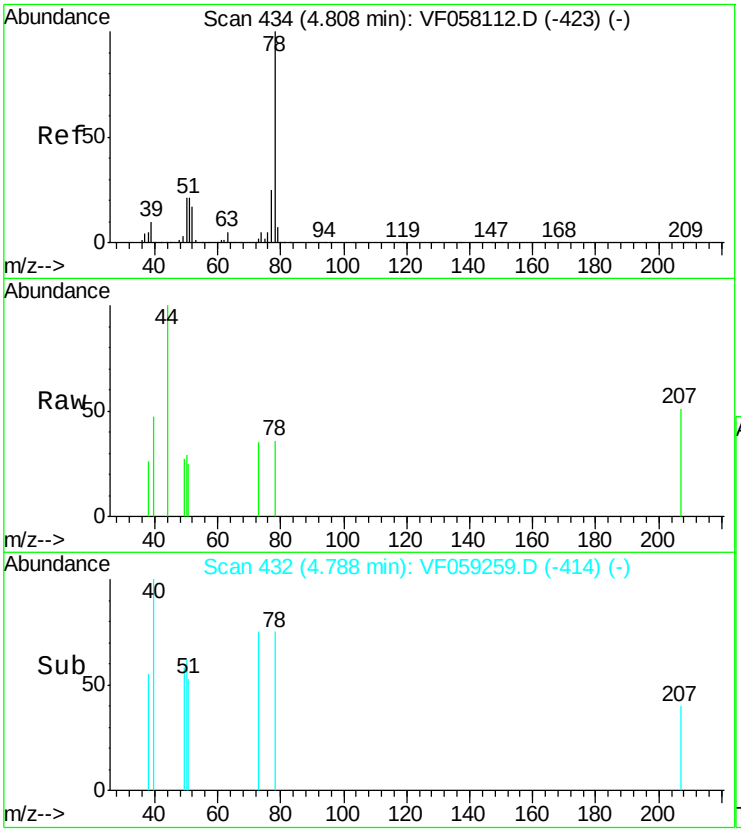


#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 4.02 min Scan# 354
Delta R.T. -0.15 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion:117 Resp: 86

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.7	113.5#
121	0.0	24.8	37.2#



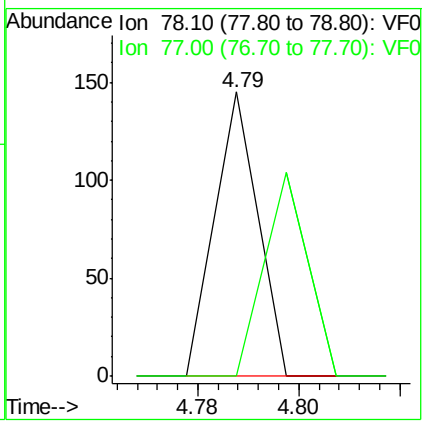


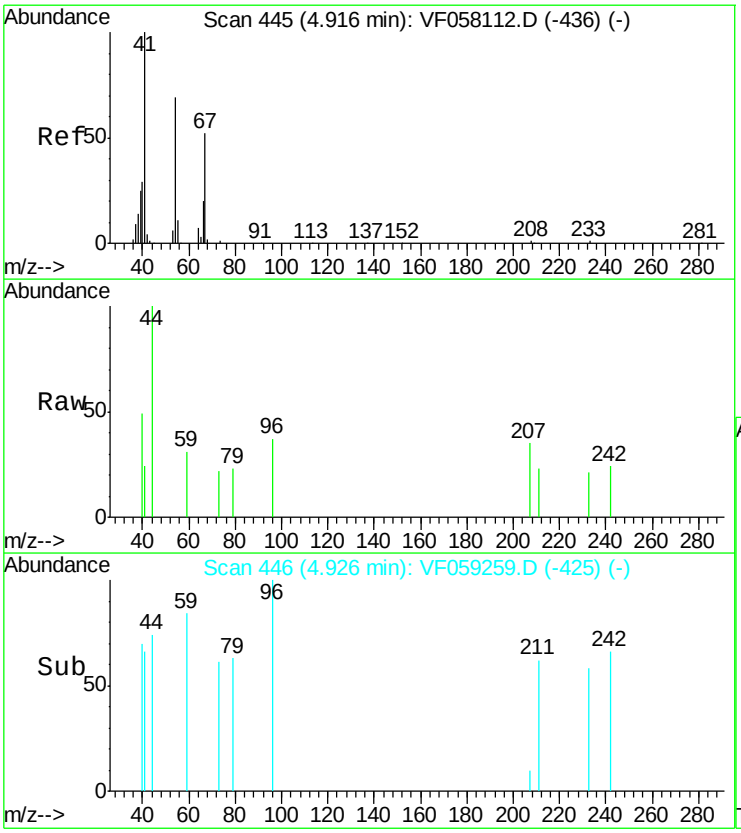
#40
Benzene
Concen: 2.94 ug/l
RT: 4.79 min Scan# 432
Delta R.T. -0.02 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 78 Resp: 86

Ion	Ratio	Lower	Upper
78	100		
77	0.0	20.2	30.2#

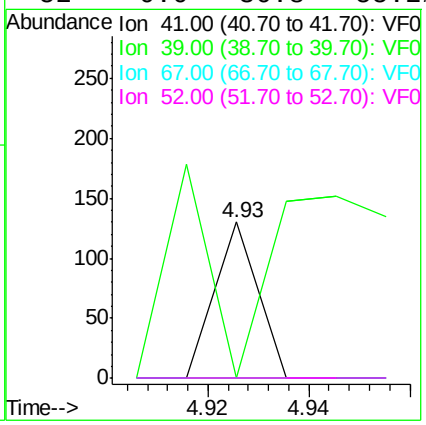


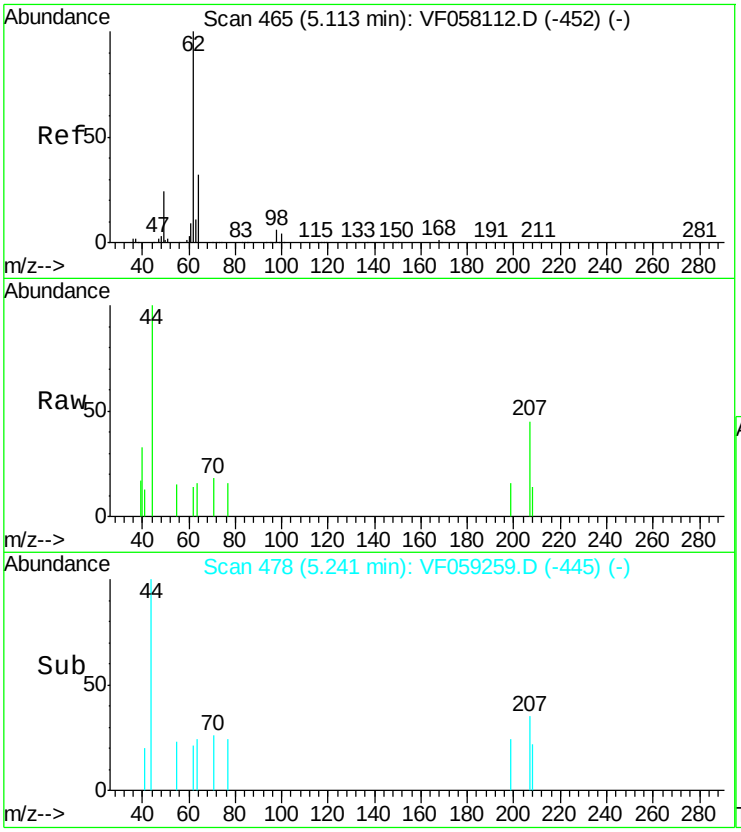


#41
Methacrylonitrile
Concen: 20.15 ug/l
RT: 4.93 min Scan# 446
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 41 Resp: 77

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.0	79.4#
67	0.0	41.0	61.6#
52	0.0	36.8	55.2#



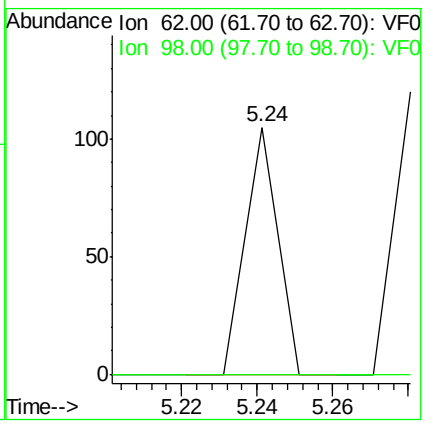


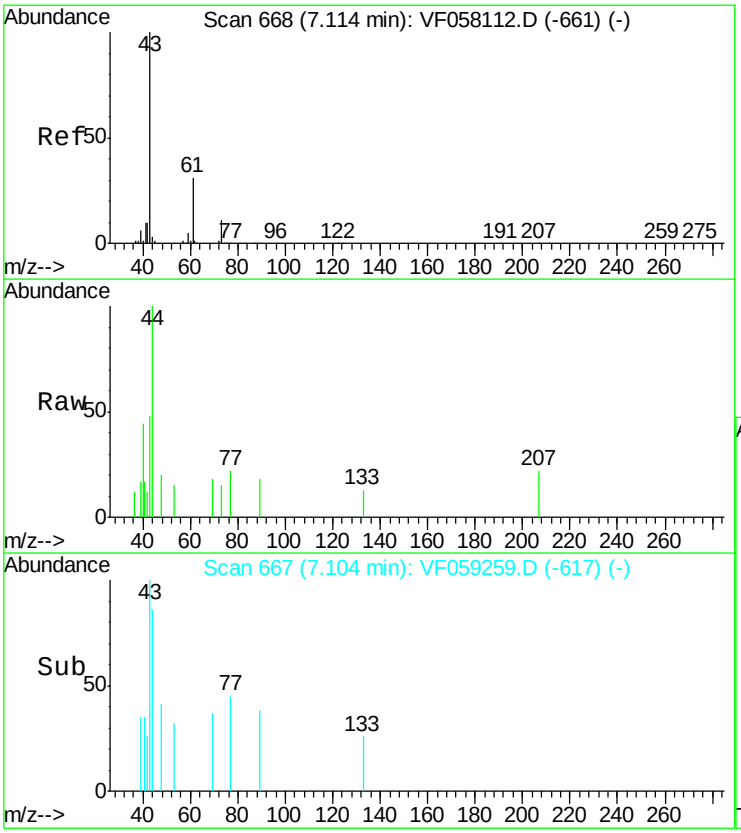
#42
1,2-Dichloroethane
Concen: 4.73 ug/l
RT: 5.24 min Scan# 478
Delta R.T. 0.13 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 62 Resp: 62

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	11.8

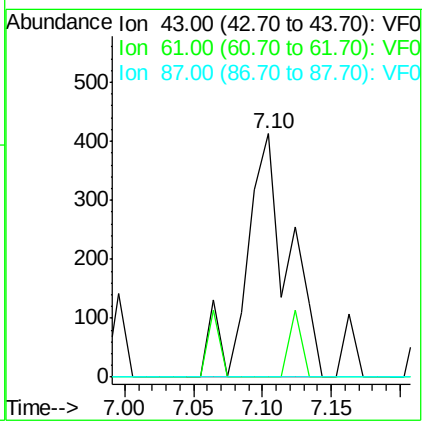


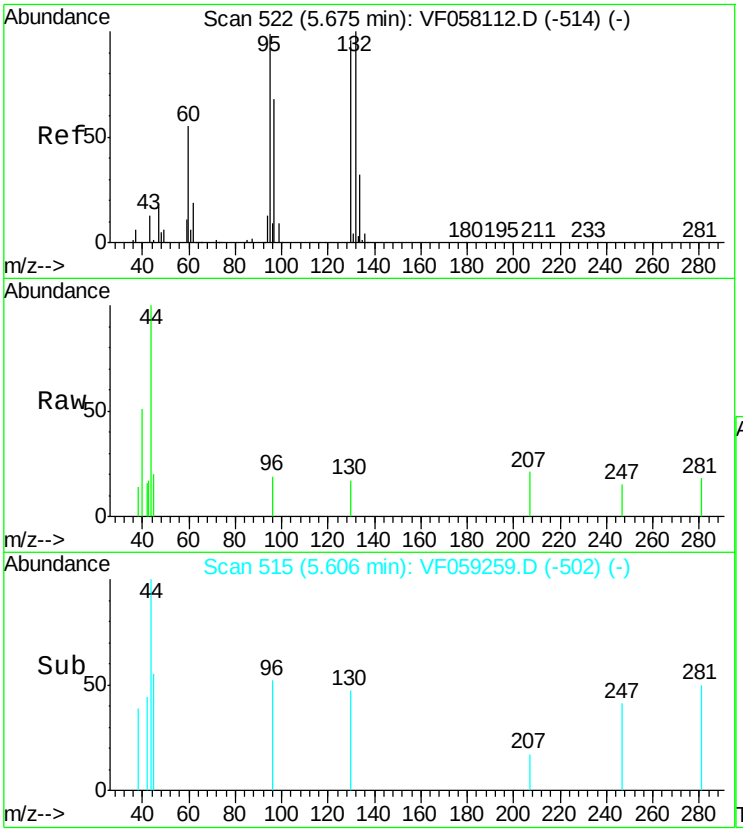


#43
Isopropyl Acetate
Concen: 84.36 ug/l
RT: 7.10 min Scan# 667
Delta R.T. -0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 43 Resp: 879

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.1	37.7#
87	0.0	0.2	0.4#



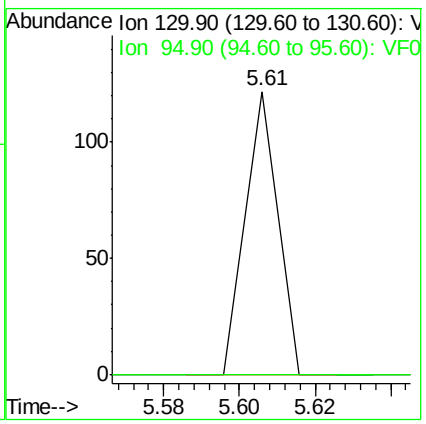


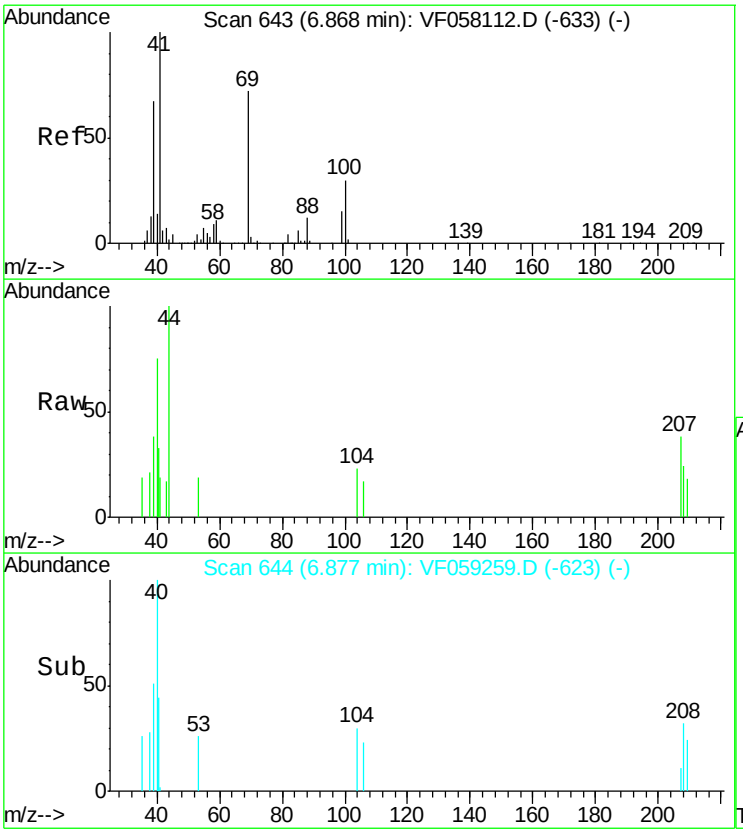
#44
Trichloroethene
Concen: 7.88 ug/l
RT: 5.61 min Scan# 515
Delta R.T. -0.07 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:130 Resp: 72

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	206.8

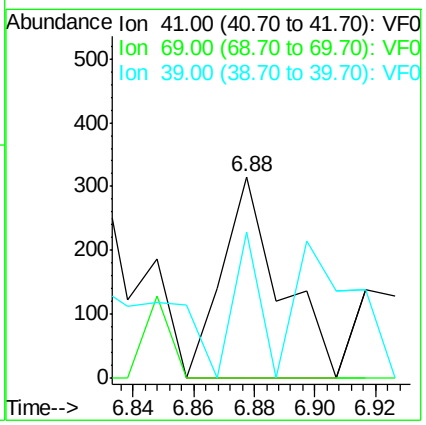


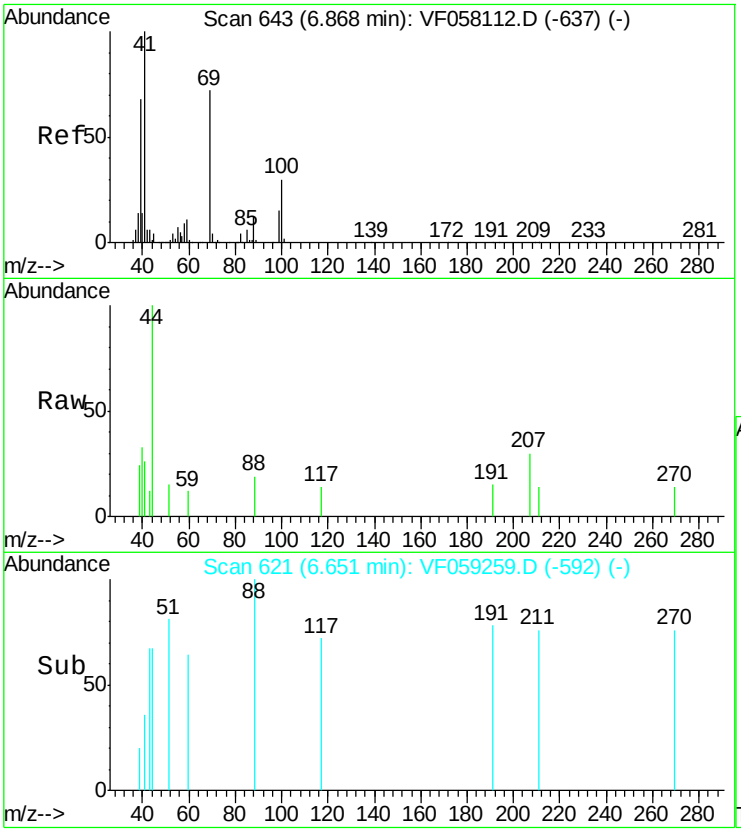


#48
Methyl methacrylate
Concen: 65.23 ug/l
RT: 6.88 min Scan# 644
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 41 Resp: 419

Ion	Ratio	Lower	Upper
41	100		
69	0.0	57.2	85.8#
39	72.7	54.3	81.5



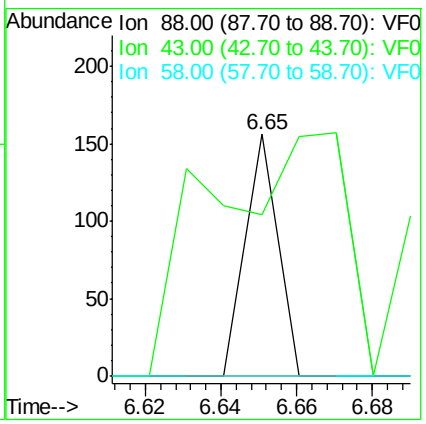


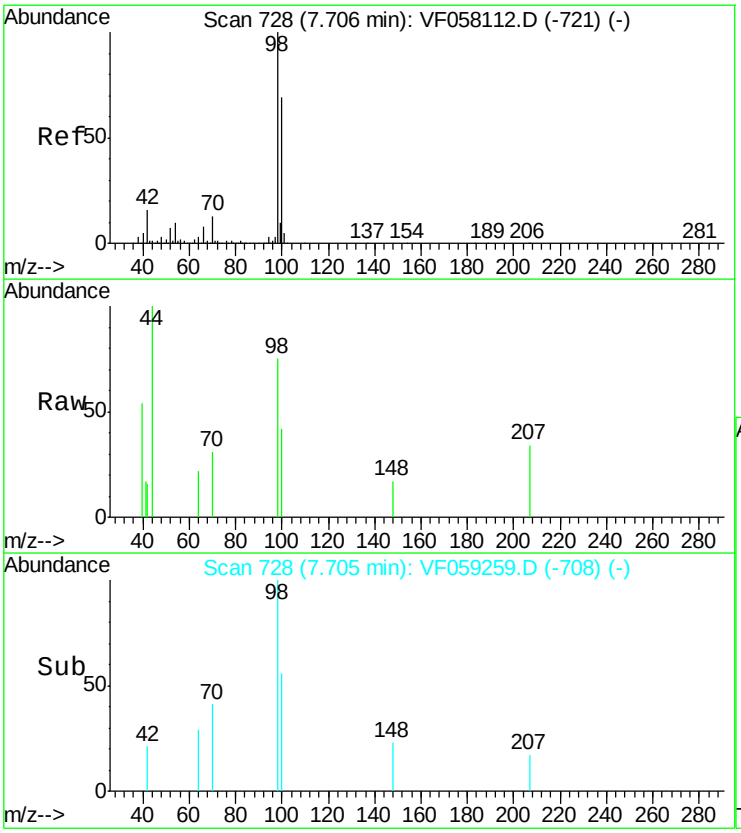
#49
1,4-Dioxane
Concen: 2383.58 ug/l
RT: 6.65 min Scan# 621
Delta R.T. -0.22 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 92

Ion	Ratio	Lower	Upper
88	100		
43	66.7	47.8	71.8
58	0.0	59.4	89.0#

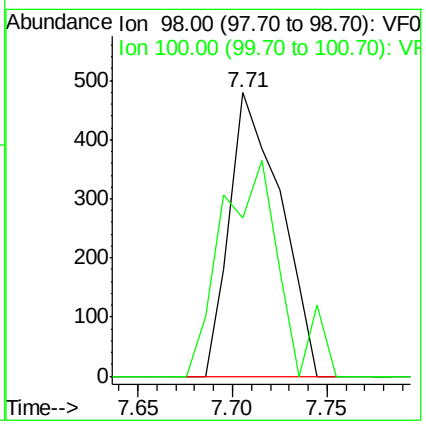


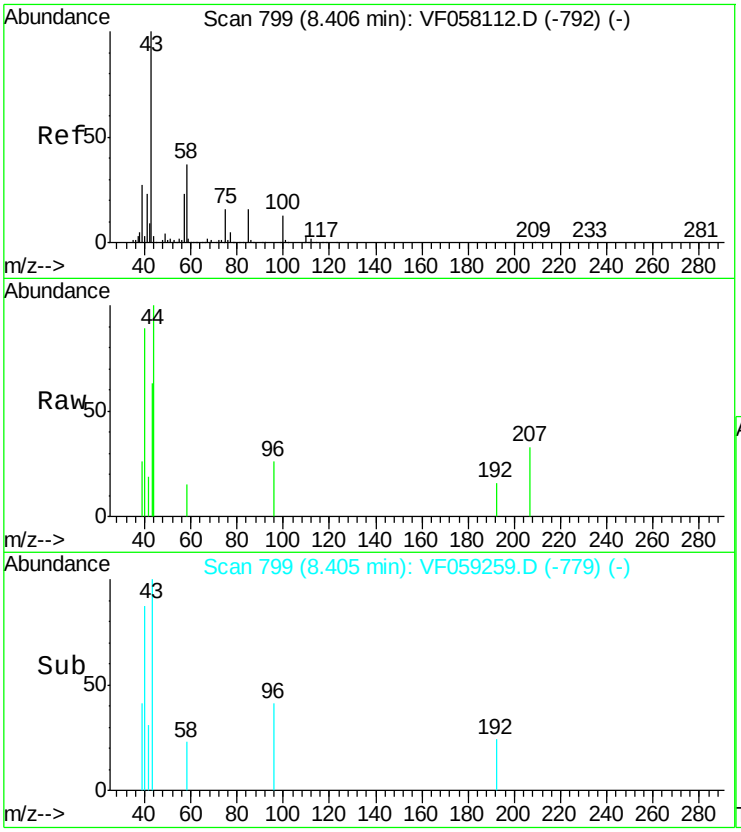


#50
Toluene-d8
Concen: 33.42 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 98 Resp: 895

Ion	Ratio	Lower	Upper
98	100		
100	55.9	55.6	83.4



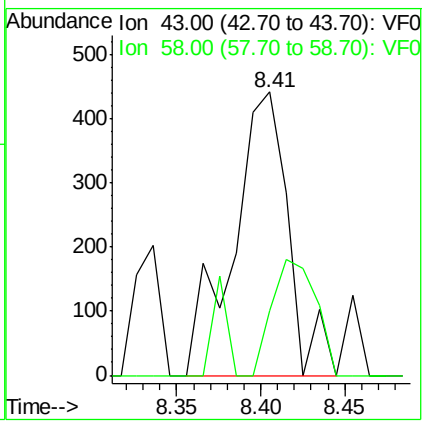


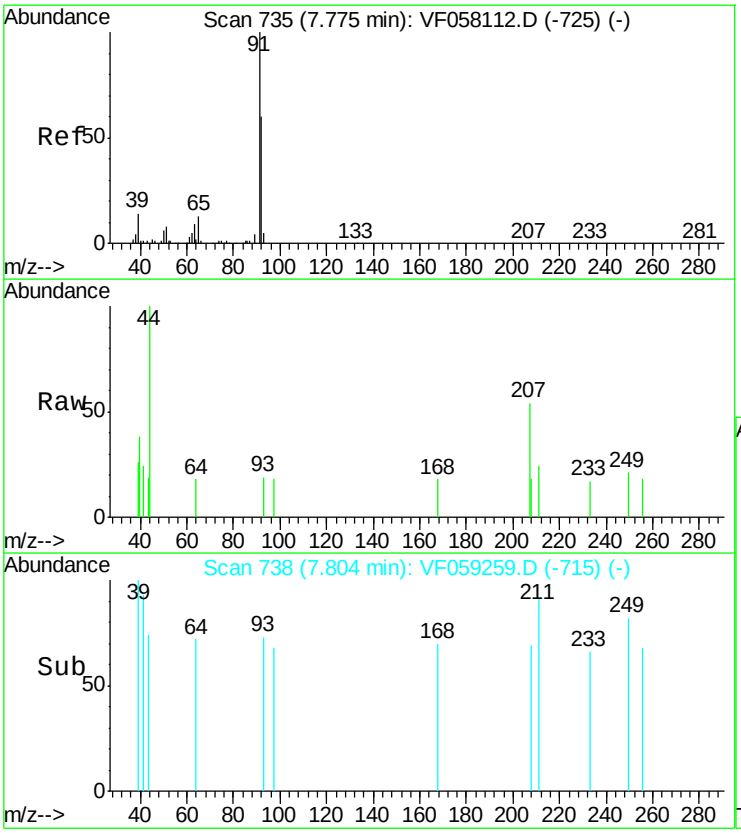
#51
4-Methyl-2-Pentanone
Concen: 141.15 ug/l
RT: 8.41 min Scan# 799
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1008

Ion	Ratio	Lower	Upper
43	100		
58	22.9	29.4	44.0#

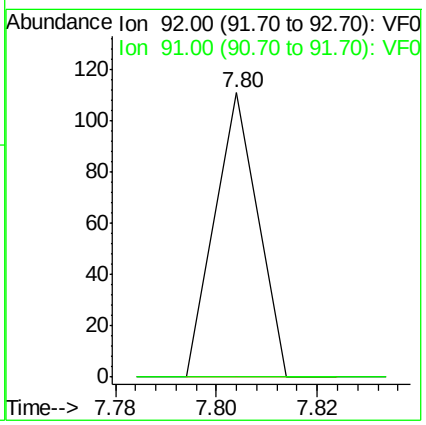


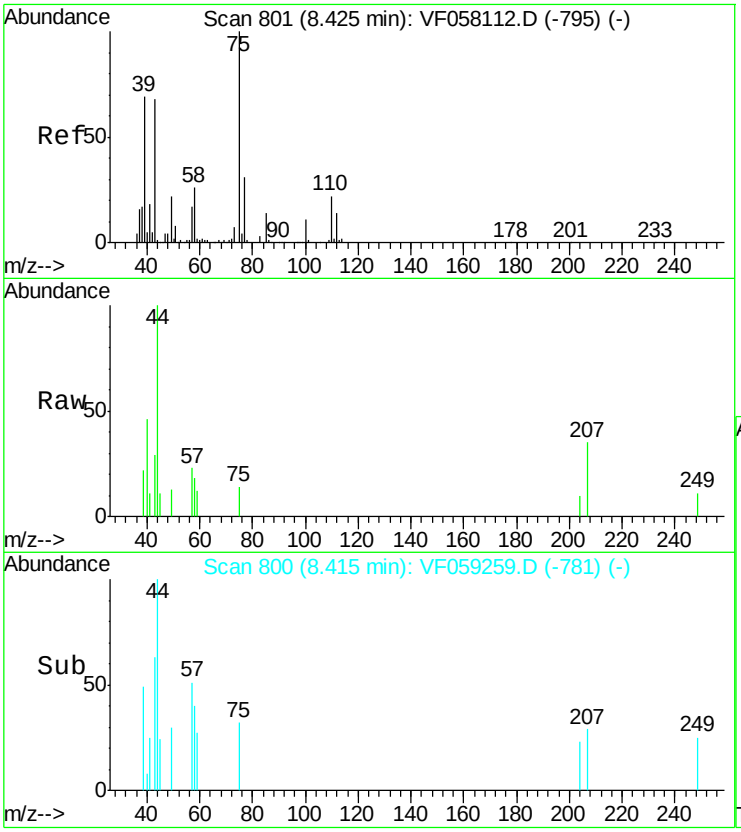


#52
Toluene
Concen: 3.14 ug/l
RT: 7.80 min Scan# 738
Delta R.T. 0.03 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 92 Resp: 66

Ion	Ratio	Lower	Upper
92	100		
91	0.0	132.9	199.3#



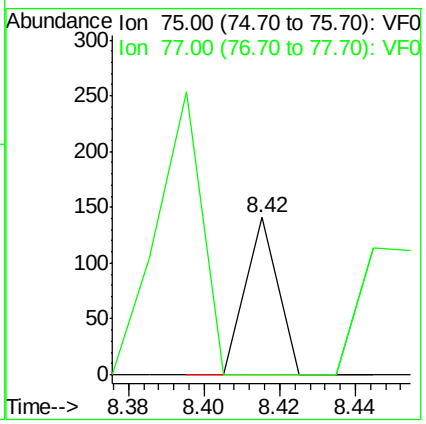


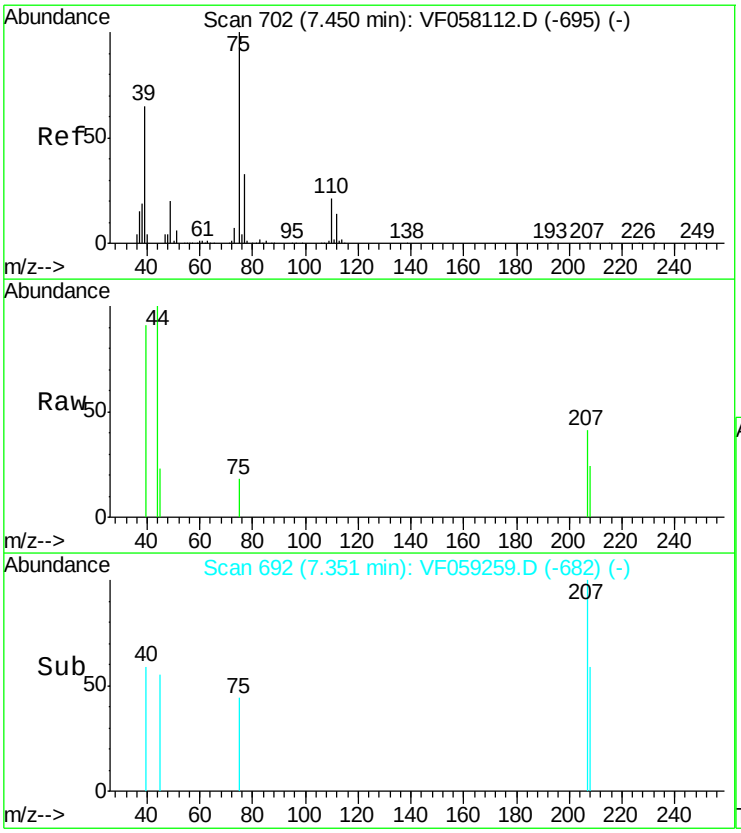
#53
t-1,3-Dichloropropene
Concen: 5.94 ug/l
RT: 8.42 min Scan# 800
Delta R.T. -0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 83

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#

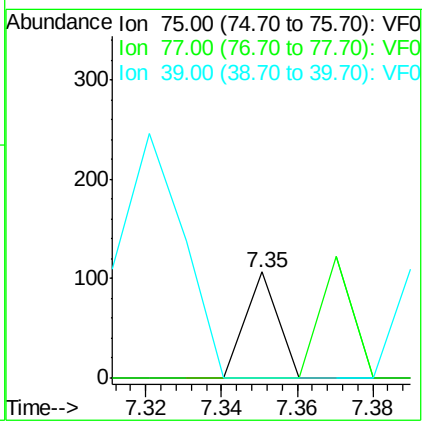


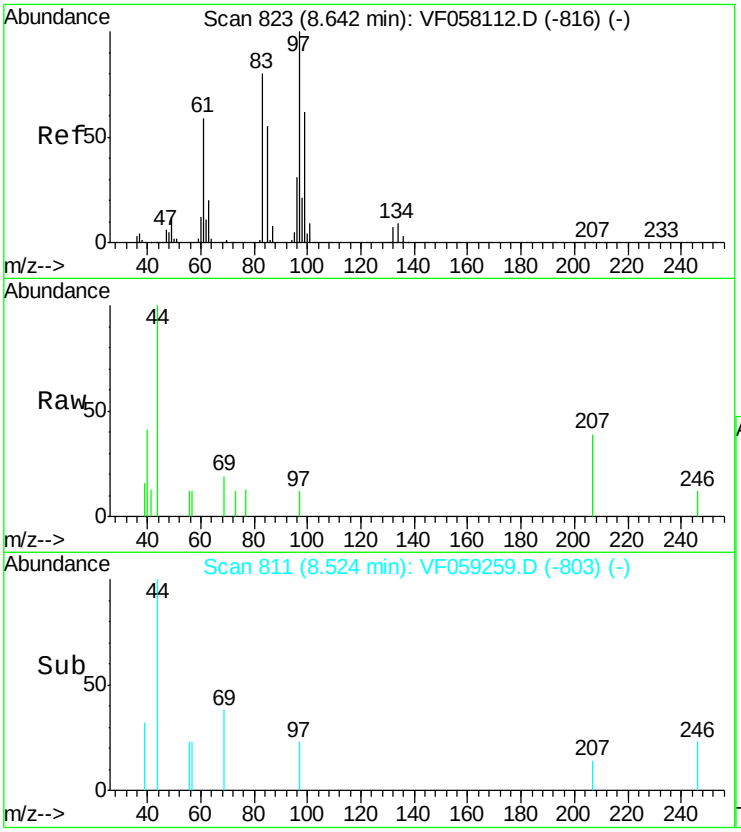


#54
cis-1,3-Dichloropropene
Concen: 3.93 ug/l
RT: 7.35 min Scan# 692
Delta R.T. -0.10 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 75 Resp: 63

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.3	39.5#
39	503.8	52.1	78.1#



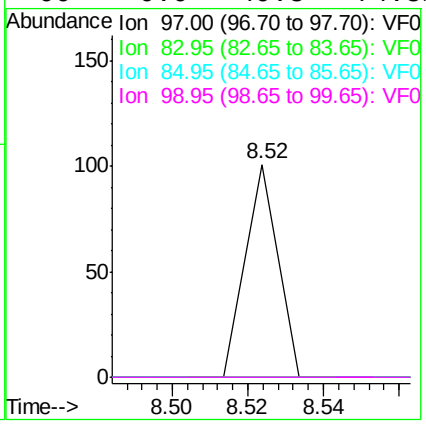


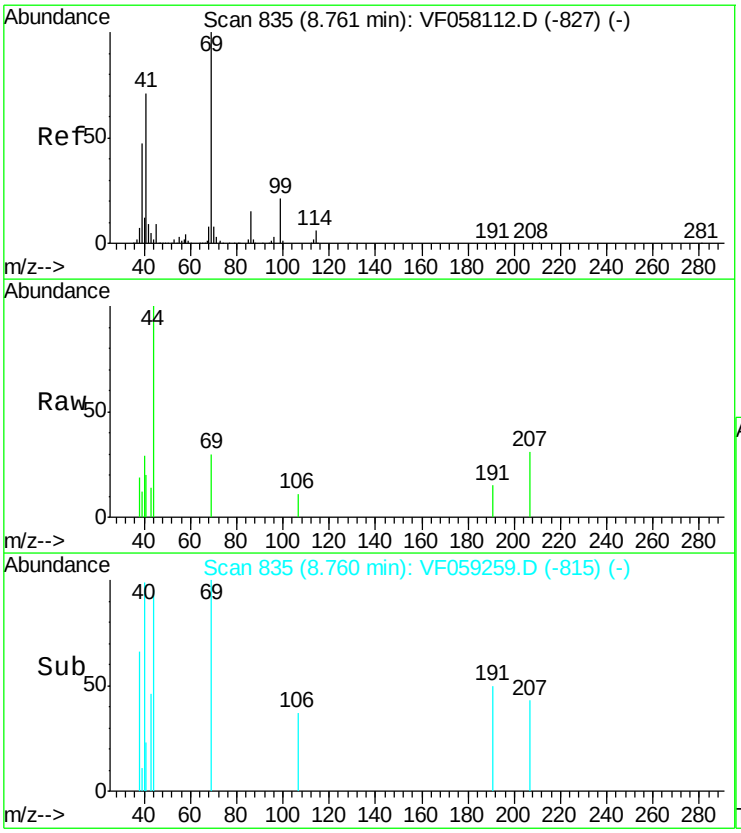
#55
1,1,2-Trichloroethane
Concen: 7.87 ug/l
RT: 8.52 min Scan# 811
Delta R.T. -0.12 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 97 Resp: 60

Ion	Ratio	Lower	Upper
97	100		
83	0.0	64.3	96.5#
85	0.0	43.8	65.8#
99	0.0	49.8	74.8#

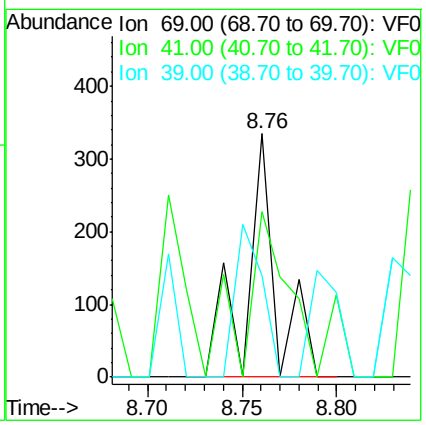


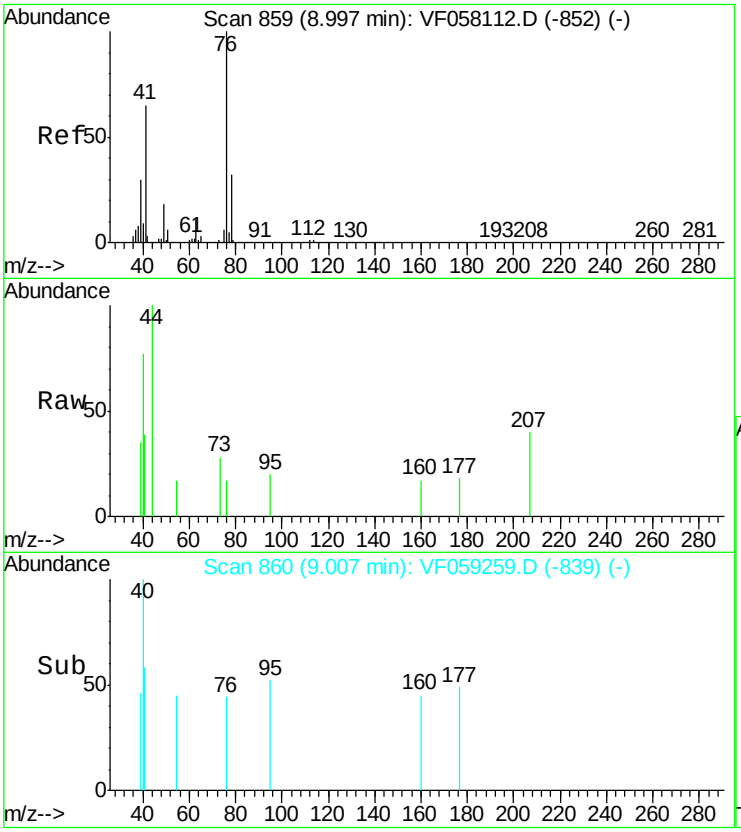


#56
Ethyl methacrylate
Concen: 38.59 ug/l
RT: 8.76 min Scan# 835
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 69 Resp: 371

Ion	Ratio	Lower	Upper
69	100		
41	67.8	56.9	85.3
39	41.8	38.0	57.0



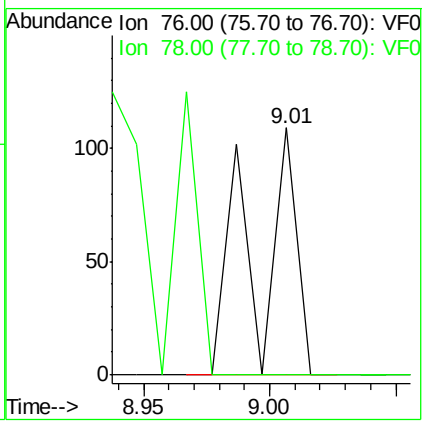


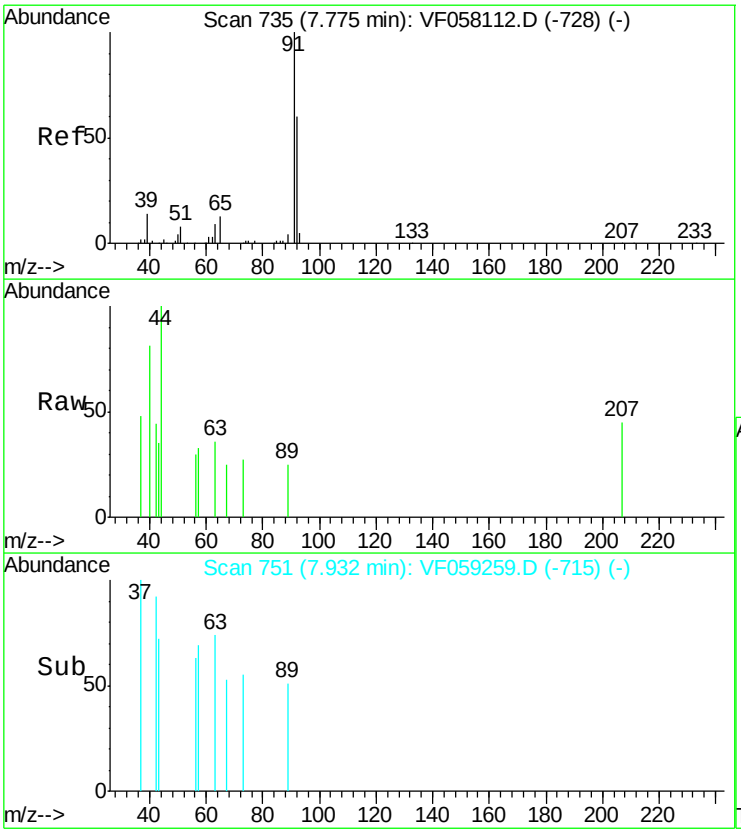
#57
1,3-Dichloropropane
Concen: 9.58 ug/l
RT: 9.01 min Scan# 860
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 76 Resp: 125

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#

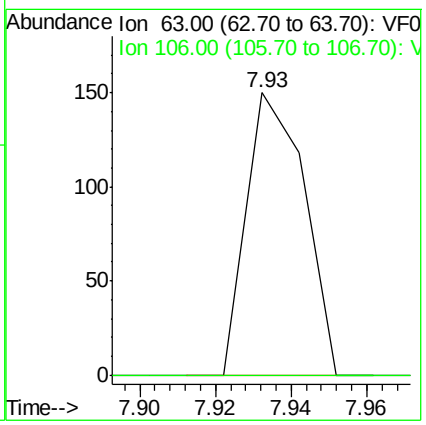


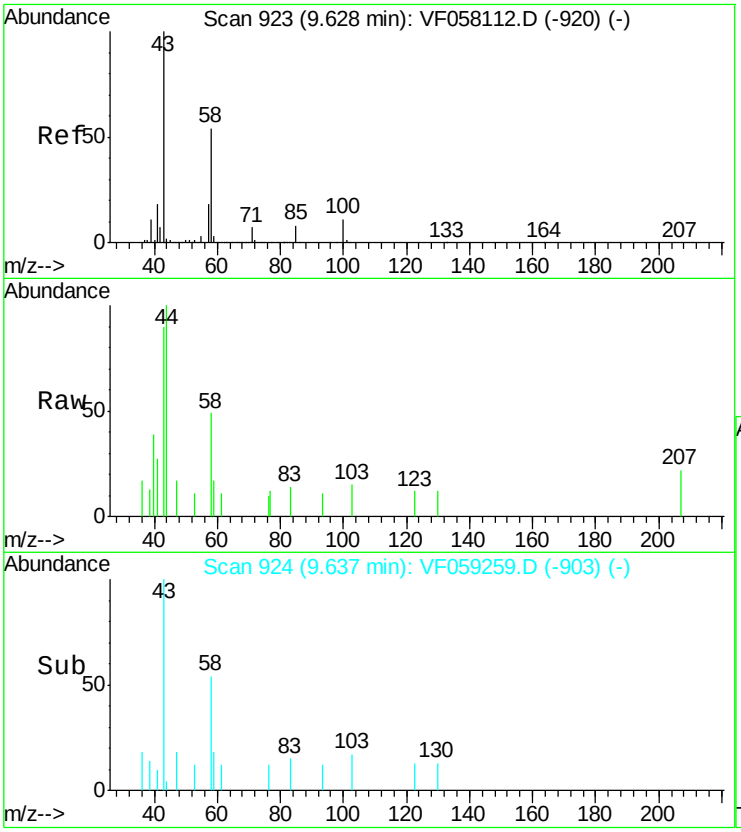


#58
2-Chloroethyl Vinyl ether
Concen: 231.27 ug/l
RT: 7.93 min Scan# 751
Delta R.T. 0.16 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 63 Resp: 159

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



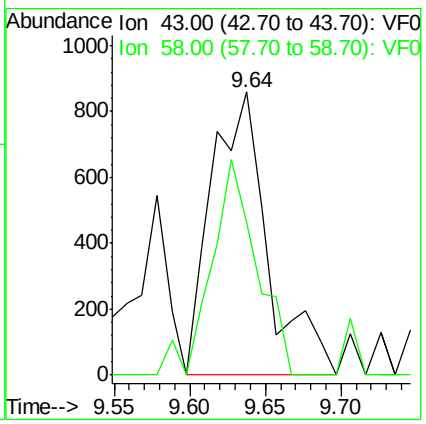


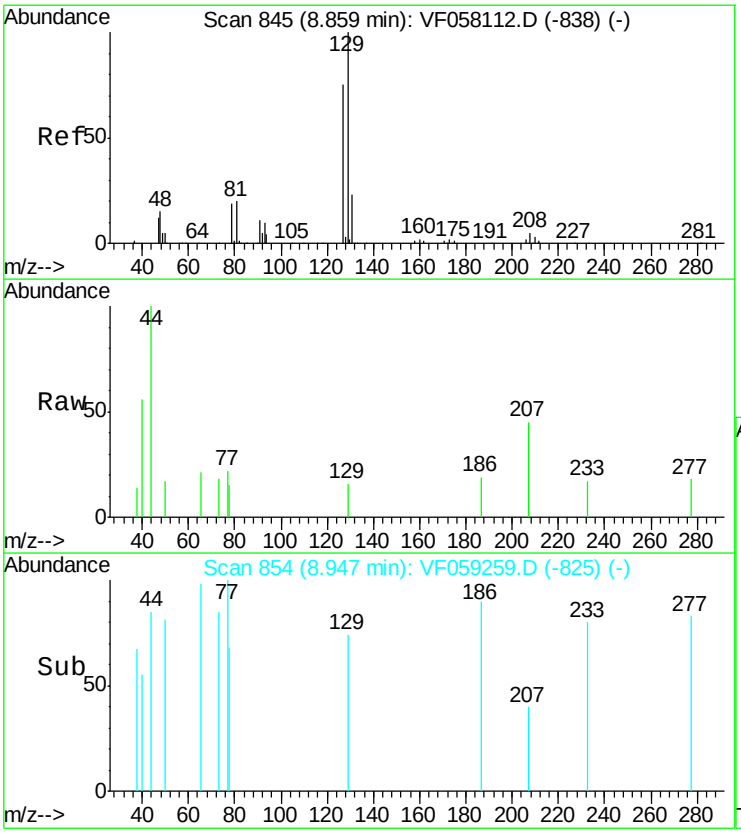
#59
2-Hexanone
Concen: 393.36 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2222

Ion	Ratio	Lower	Upper
43	100		
58	54.1	26.3	78.8

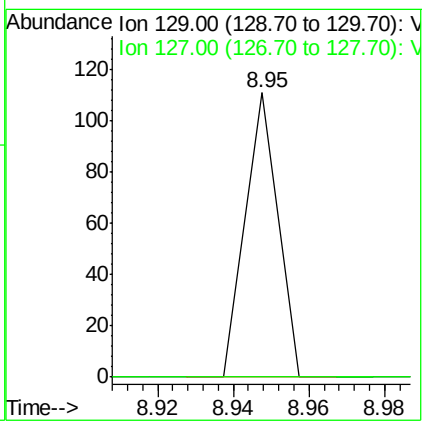


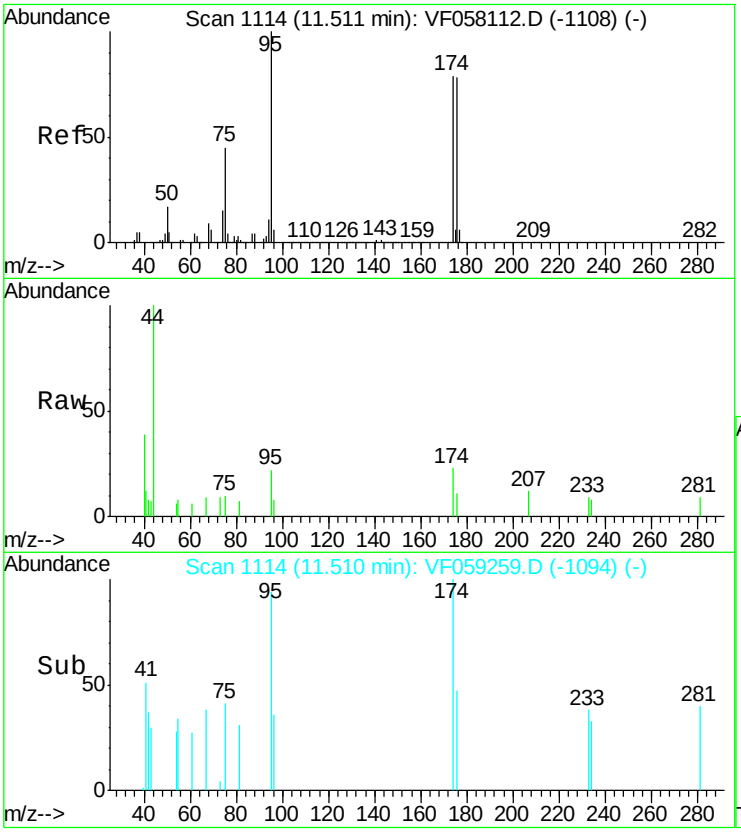


#60
Dibromochloromethane
Concen: 6.02 ug/l
RT: 8.95 min Scan# 854
Delta R.T. 0.09 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion:129 Resp: 66

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.6	112.9#



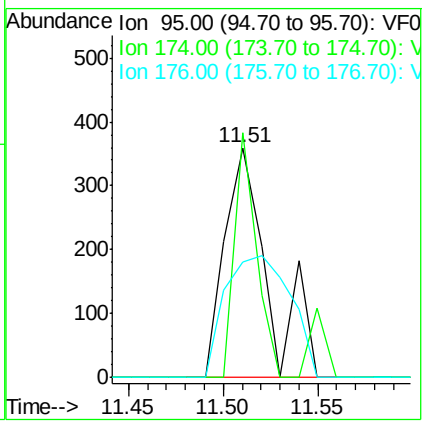


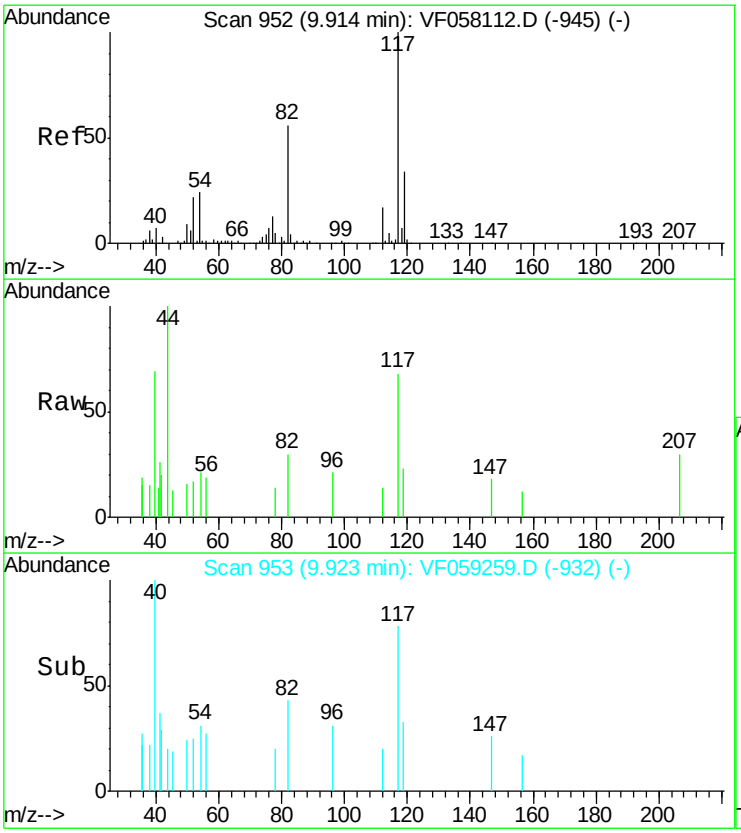
#62
4-Bromofluorobenzene
Concen: 41.28 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 567

Ion	Ratio	Lower	Upper
95	100		
174	106.4	0.0	157.8
176	50.0	0.0	155.8

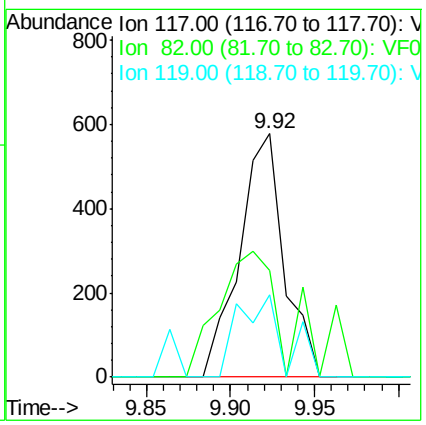


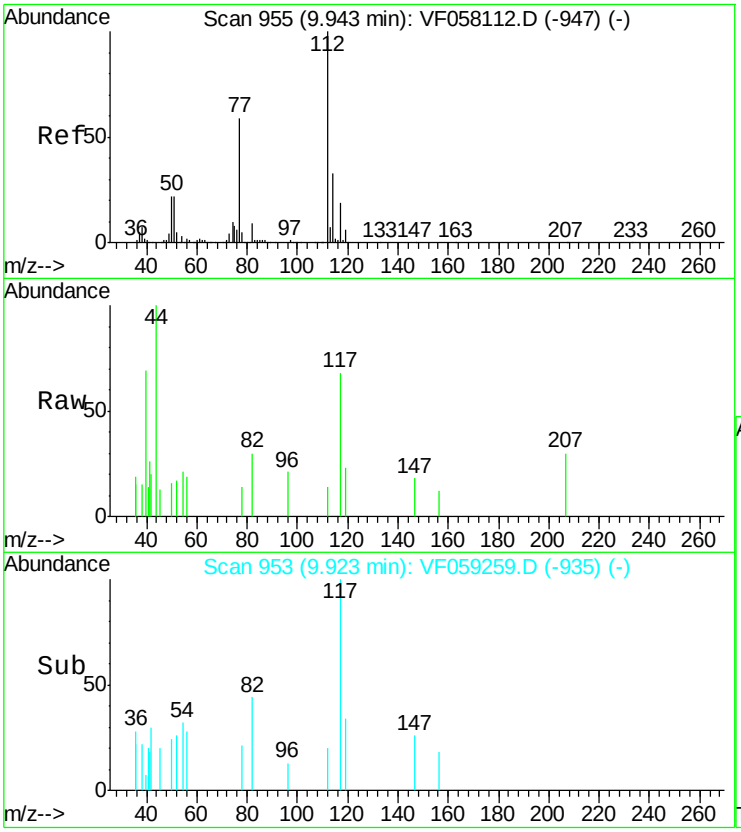


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion:117 Resp: 1065

Ion	Ratio	Lower	Upper
117	100		
82	43.9	45.2	67.8#
119	33.9	27.5	41.3



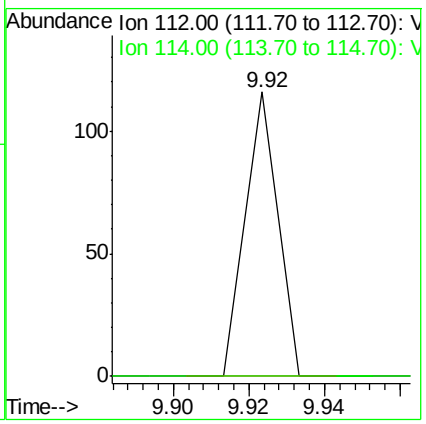


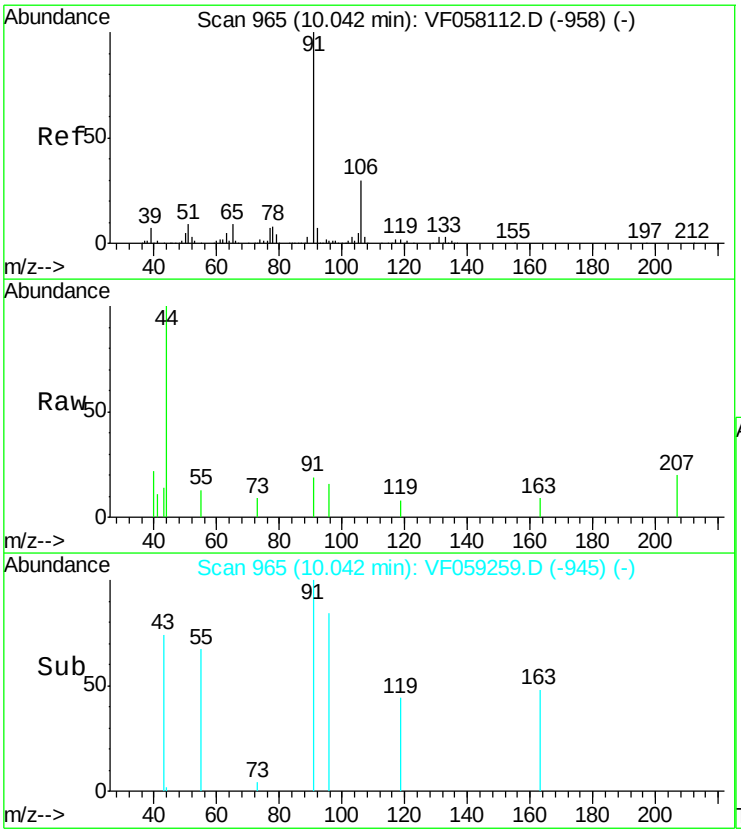
#65
Chlorobenzene
Concen: 3.27 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.02 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:112 Resp: 69

Ion	Ratio	Lower	Upper
112	100		
114	0.0	26.2	39.4#

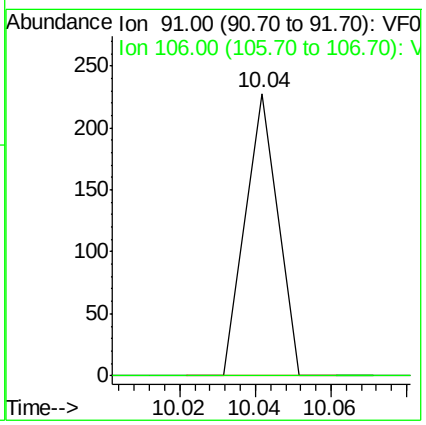


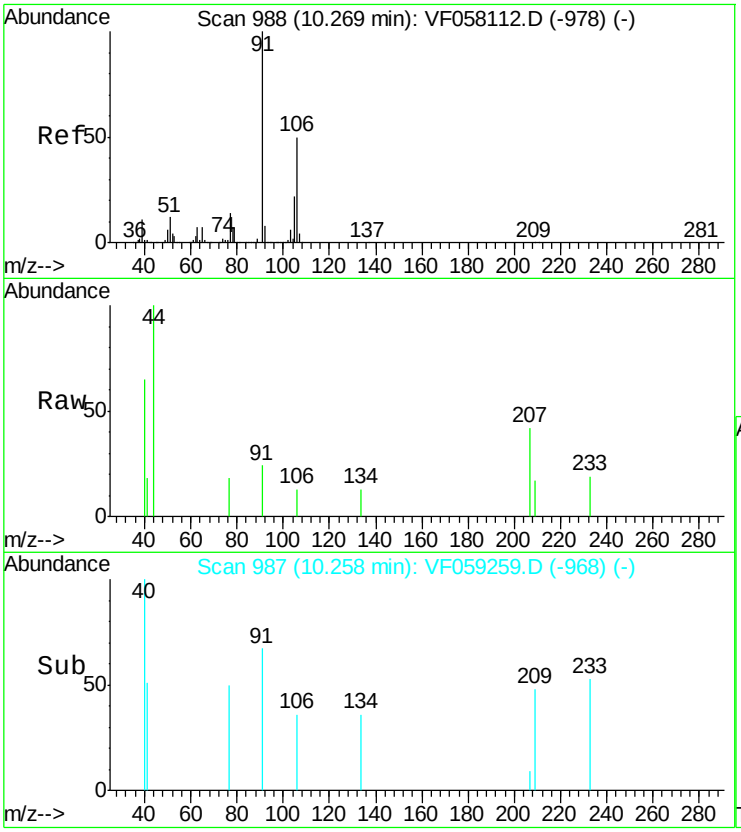


#67
Ethyl Benzene
Concen: 3.68 ug/l
RT: 10.04 min Scan# 965
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 91 Resp: 135

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.2	36.4#



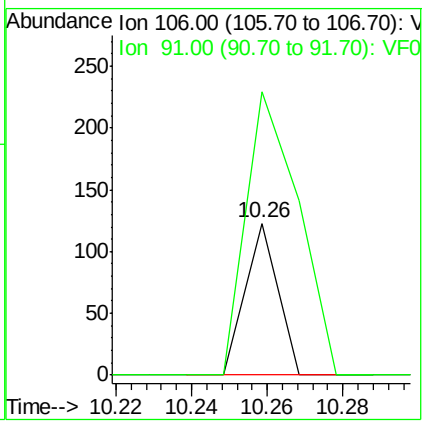


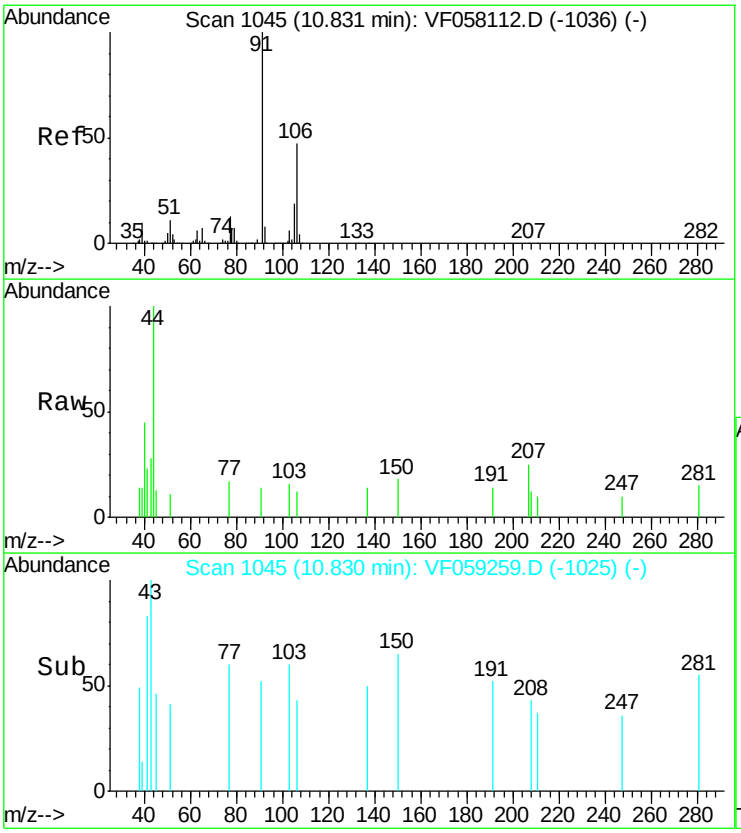
#68
m/p-Xylenes
Concen: 5.32 ug/l
RT: 10.26 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 73

Ion	Ratio	Lower	Upper
106	100		
91	186.2	160.7	241.1

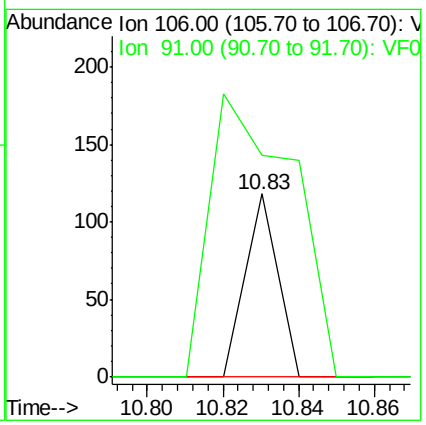


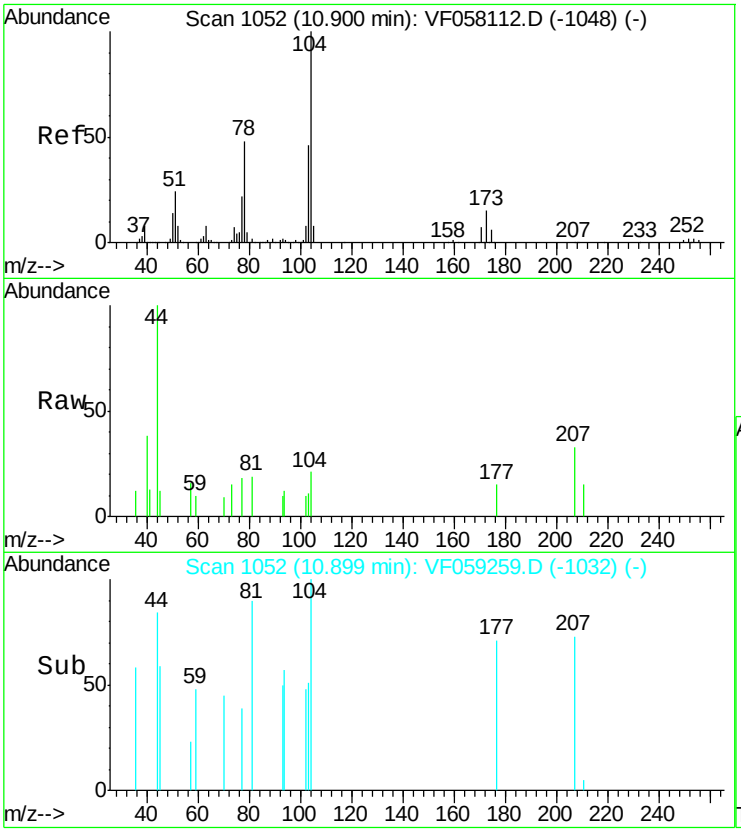


#69
o-Xylene
Concen: 4.72 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion:106 Resp: 70

Ion	Ratio	Lower	Upper
106	100		
91	121.2	107.0	321.0



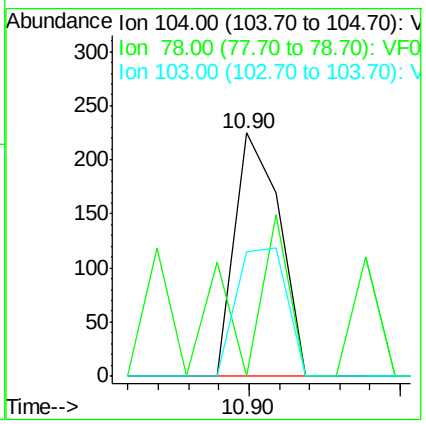


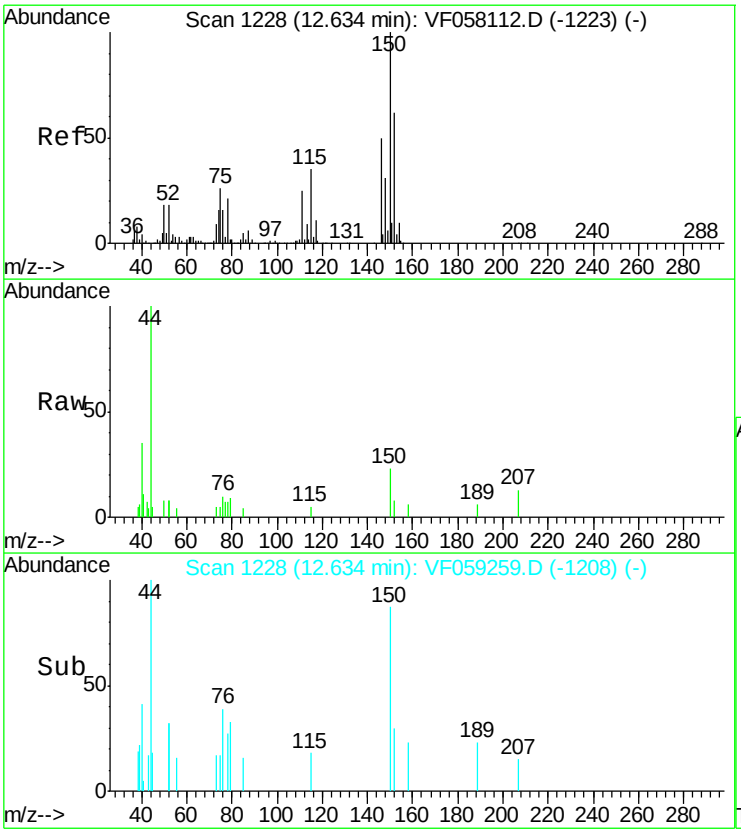
#70
Stvrene
Concen: 10.43 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:104 Resp: 234

Ion	Ratio	Lower	Upper
104	100		
78	0.0	38.4	57.6#
103	51.1	37.0	55.6

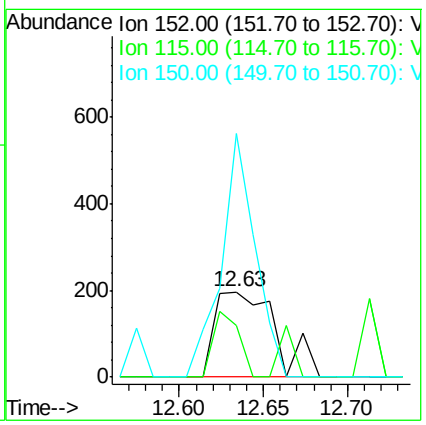


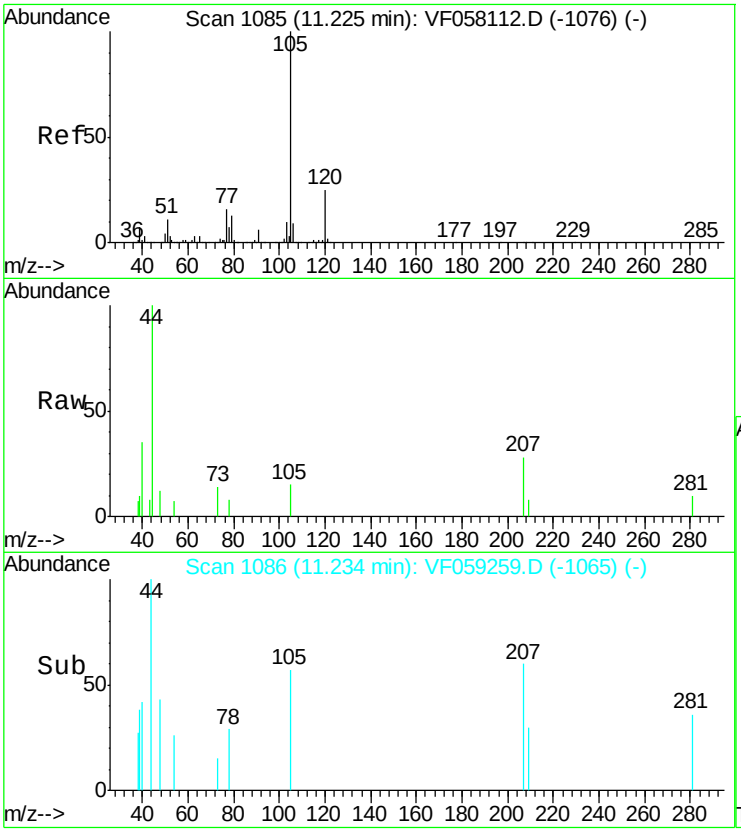


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion:152 Resp: 491

Ion	Ratio	Lower	Upper
152	100		
115	60.7	28.5	85.5
150	286.7	0.0	323.8



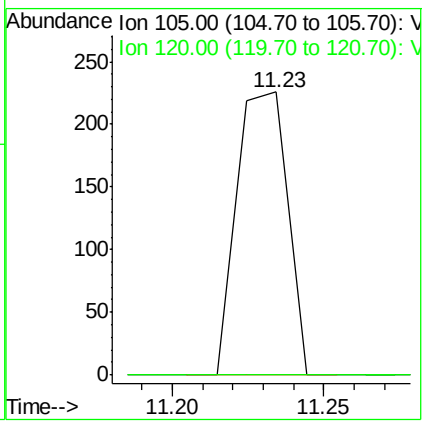


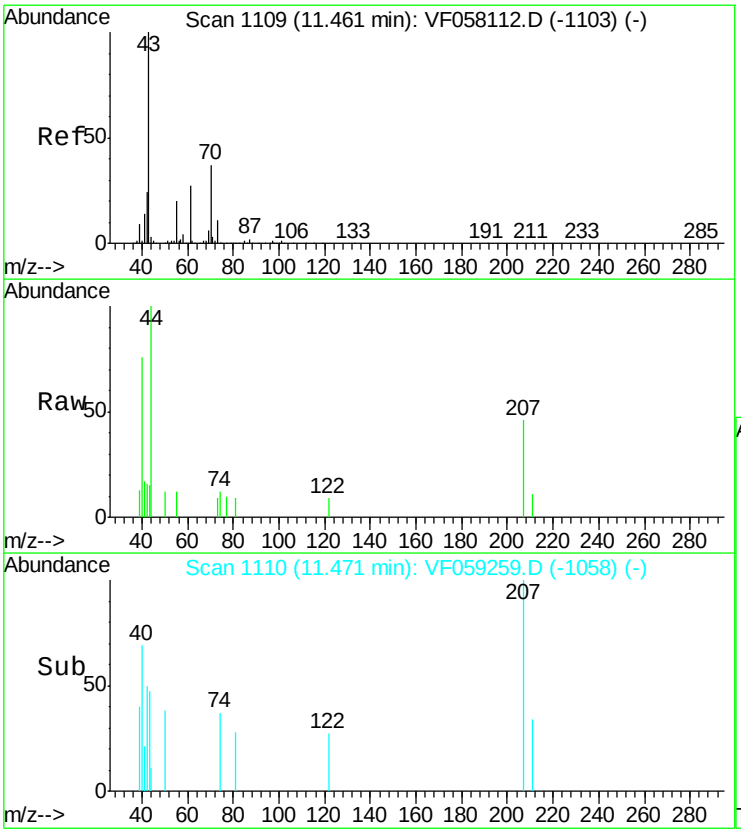
#73
Isopropylbenzene
Concen: 7.74 ug/l
RT: 11.23 min Scan# 1086
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 263

Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.7	38.1#

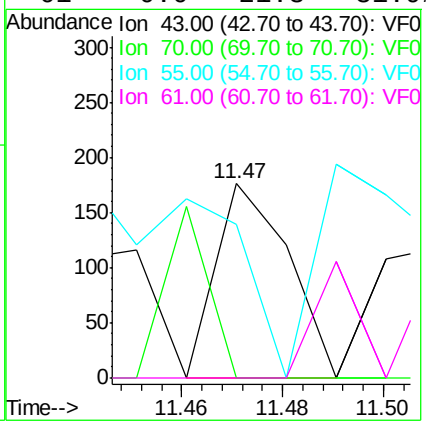


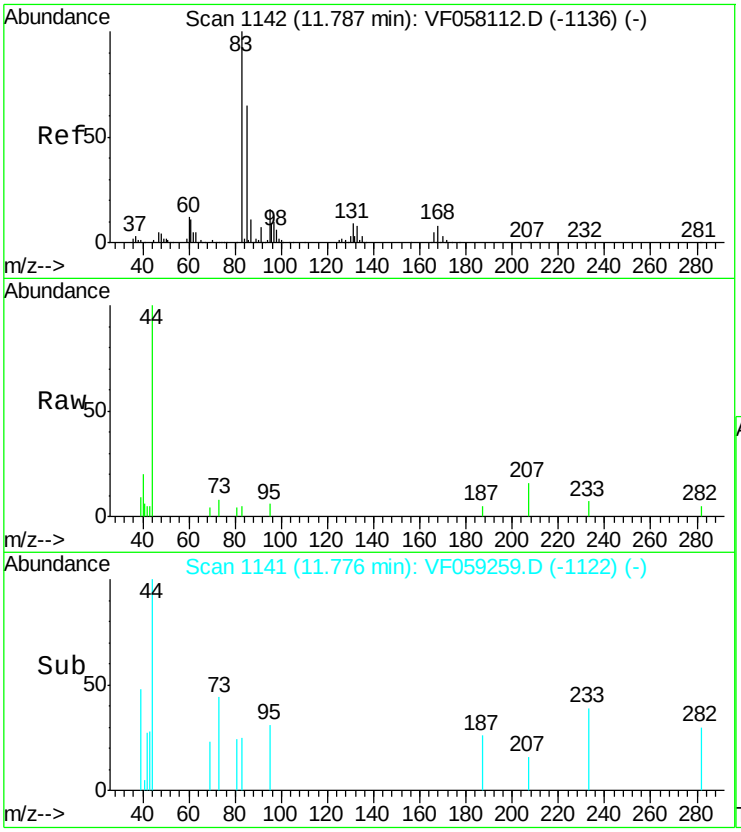


#74
N-amyl acetate
Concen: 14.49 ug/l
RT: 11.47 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 43 Resp: 176

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.2	43.8#
55	79.0	15.8	23.6#
61	0.0	21.3	31.9#



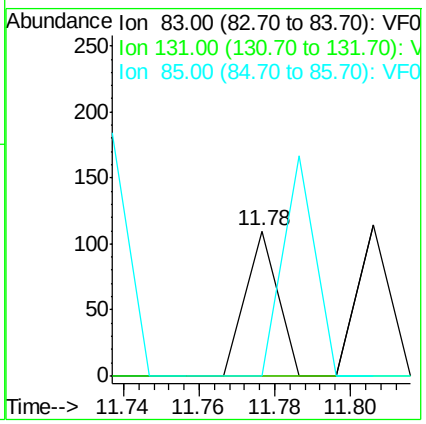


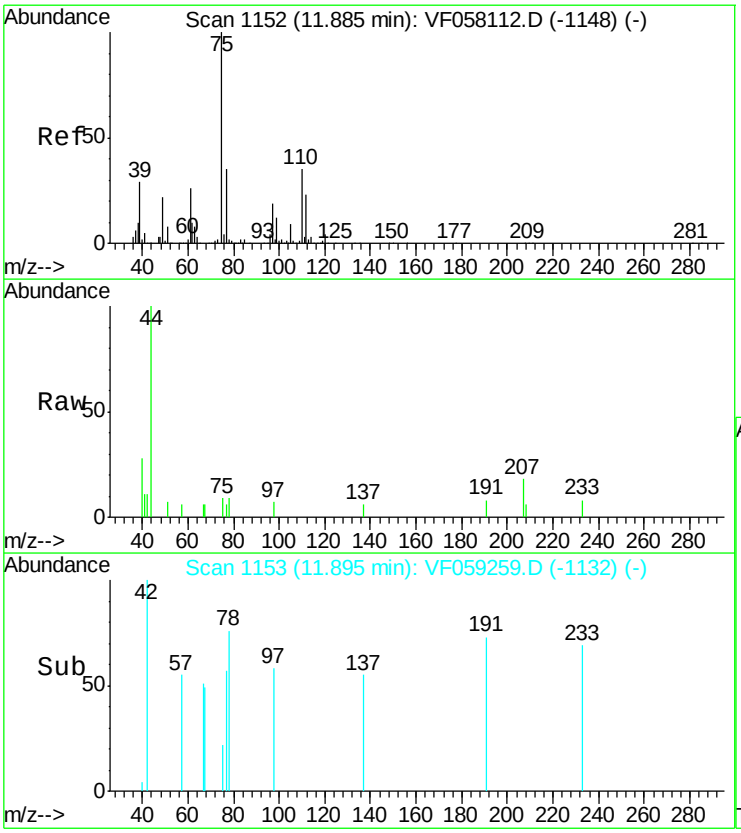
#75
1,1,2,2-Tetrachloroethane
Concen: 8.07 ug/l
RT: 11.78 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 65

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.7#
85	0.0	32.8	98.3#

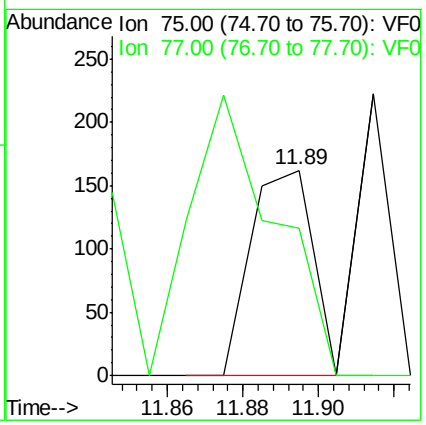


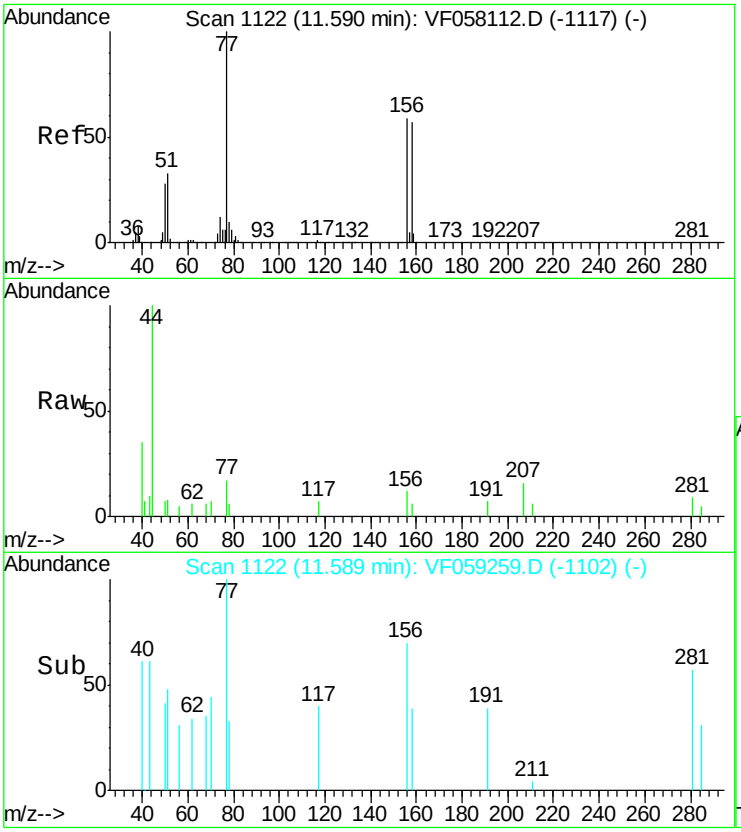


#76
1,2,3-Trichloropropane
Concen: 31.08 ug/l
RT: 11.89 min Scan# 1153
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 75 Resp: 185

Ion	Ratio	Lower	Upper
75	100		
77	71.6	17.5	52.5#



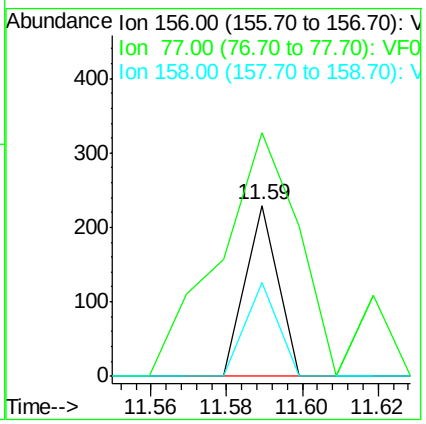


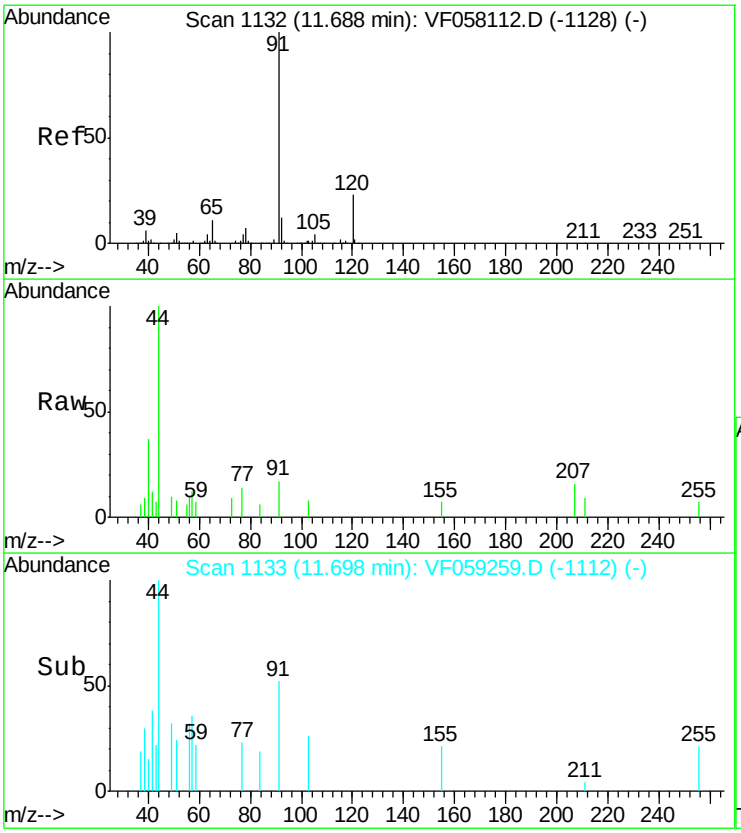
#77
Bromobenzene
Concen: 15.90 ug/l
RT: 11.59 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:156 Resp: 136

Ion	Ratio	Lower	Upper
156	100		
77	142.2	84.8	254.4
158	54.8	47.9	143.7

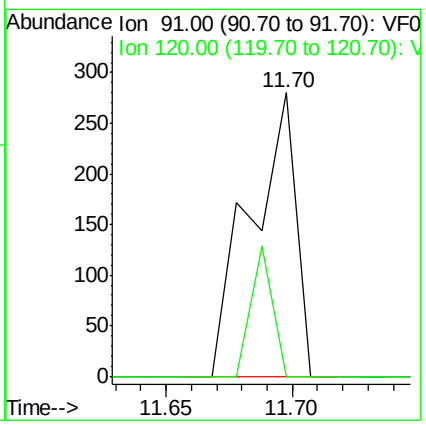


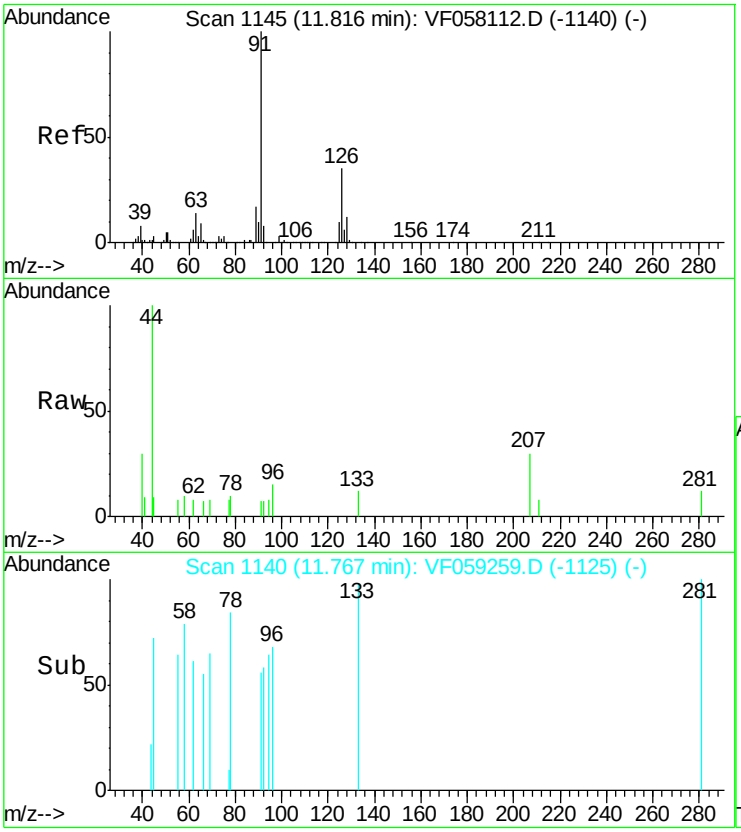


#78
n-propylbenzene
Concen: 8.75 ug/l
RT: 11.70 min Scan# 1133
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 91 Resp: 352

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.5	34.5#



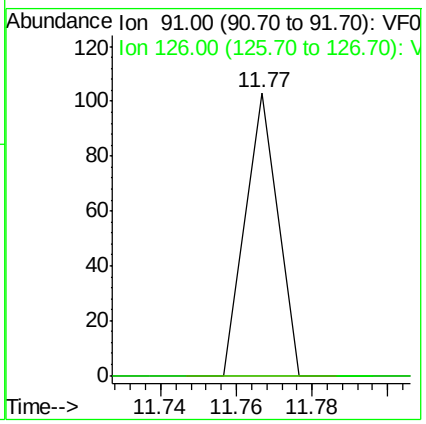


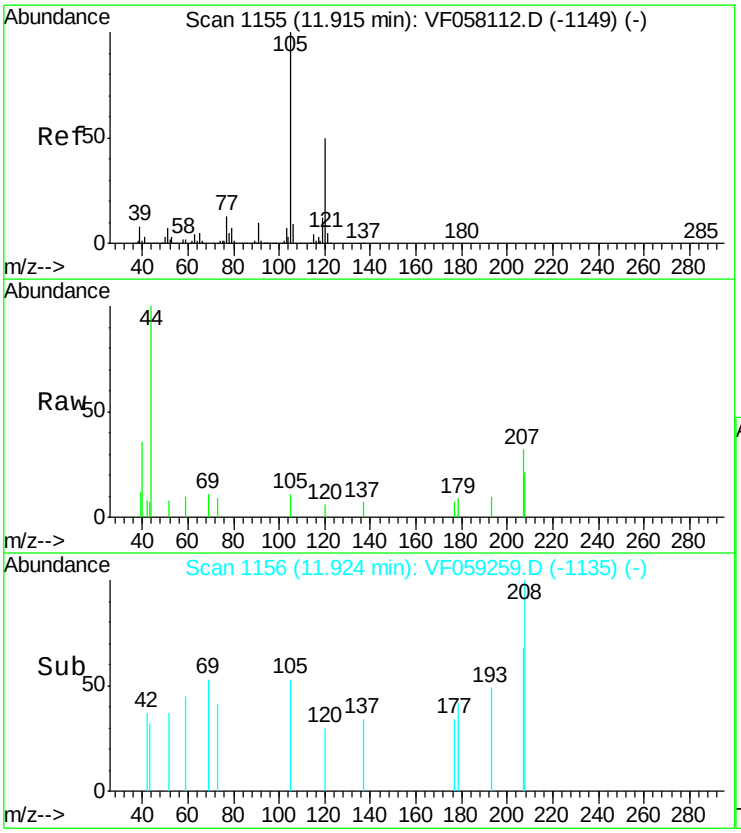
#79
2-Chlorotoluene
Concen: 2.57 ug/l
RT: 11.77 min Scan# 1140
Delta R.T. -0.05 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 61

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.6	52.9#

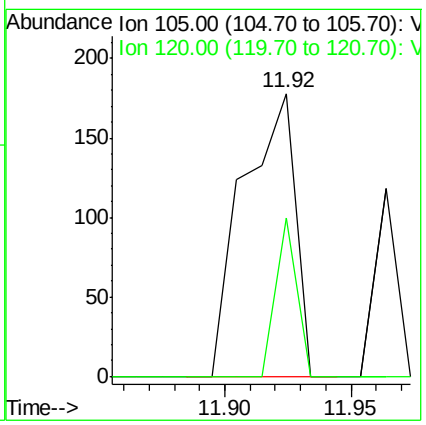


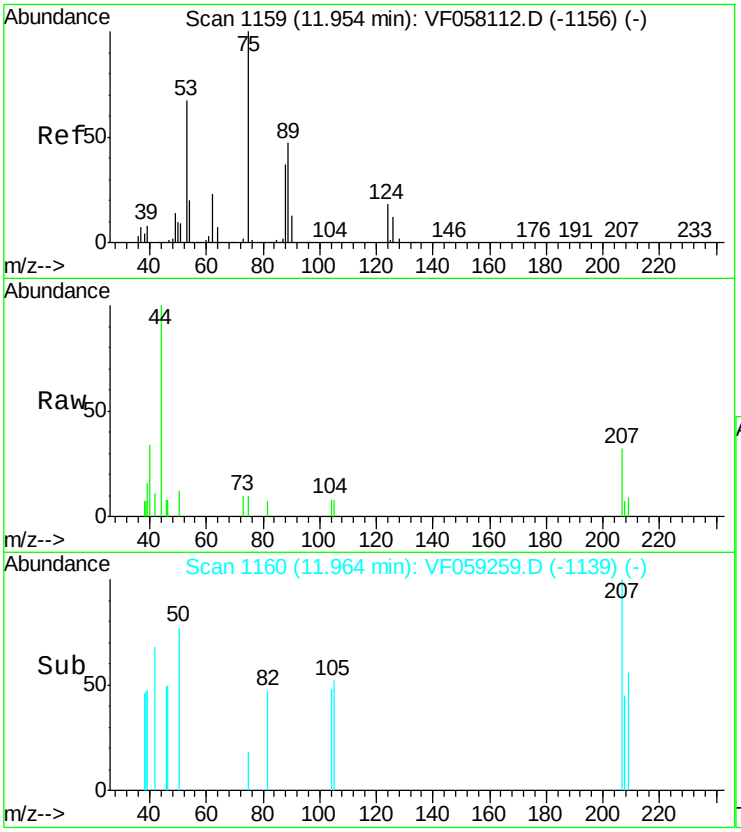


#80
1,3,5-Trimethylbenzene
Concen: 9.13 ug/l
RT: 11.92 min Scan# 1156
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion:105 Resp: 257

Ion	Ratio	Lower	Upper
105	100		
120	56.2	24.9	74.6



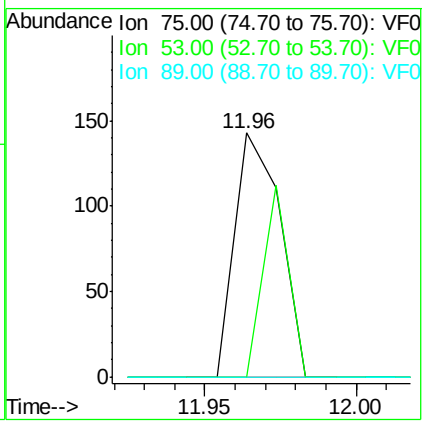


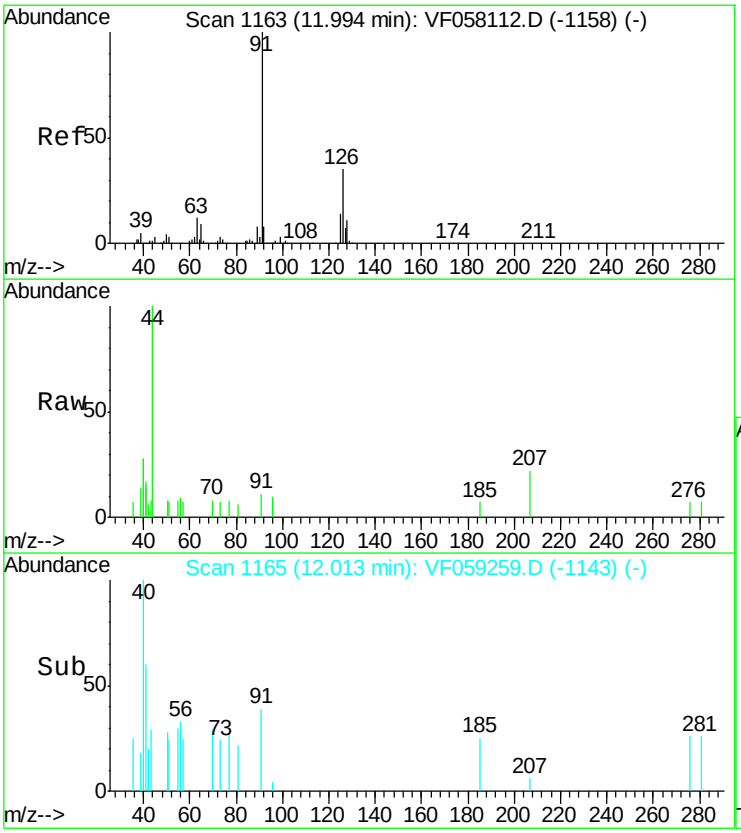
#81
trans-1,4-Dichloro-2-butene
Concen: 38.87 ug/l
RT: 11.96 min Scan# 1160
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 150

Ion	Ratio	Lower	Upper
75	100		
53	0.0	58.7	88.1#
89	0.0	39.8	59.6#

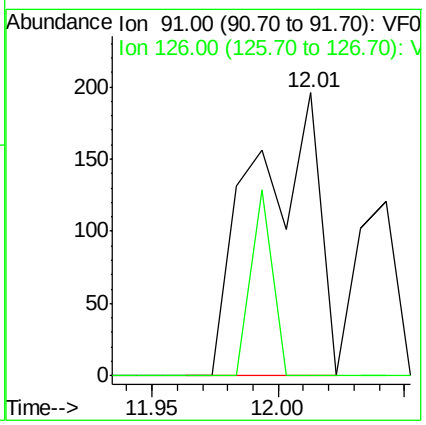


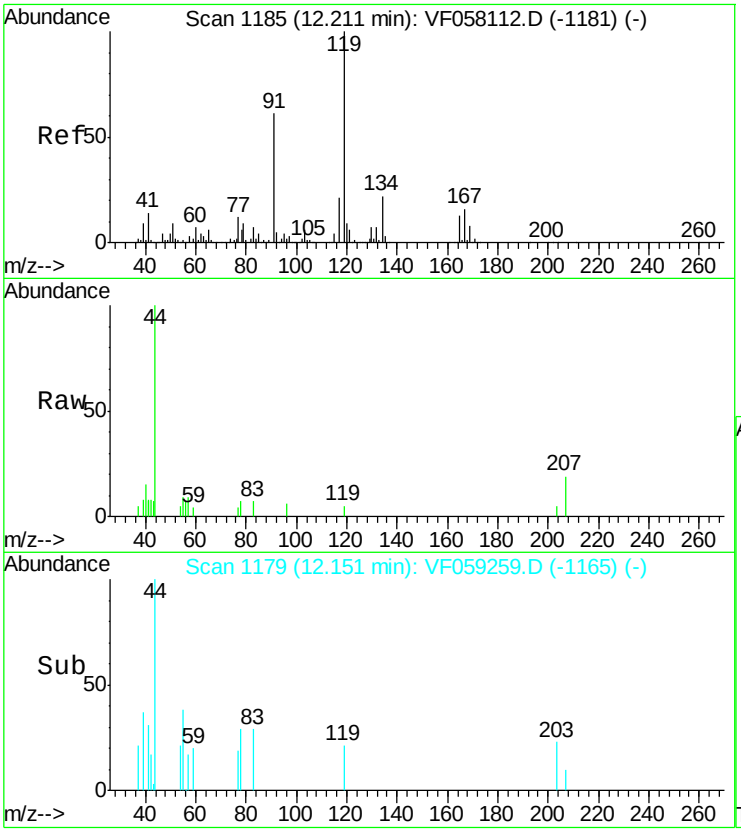


#82
4-Chlorotoluene
Concen: 13.63 ug/l
RT: 12.01 min Scan# 1165
Delta R.T. 0.02 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 91 Resp: 345

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.4	52.2#



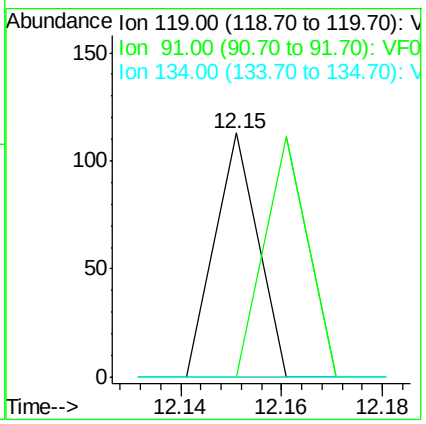


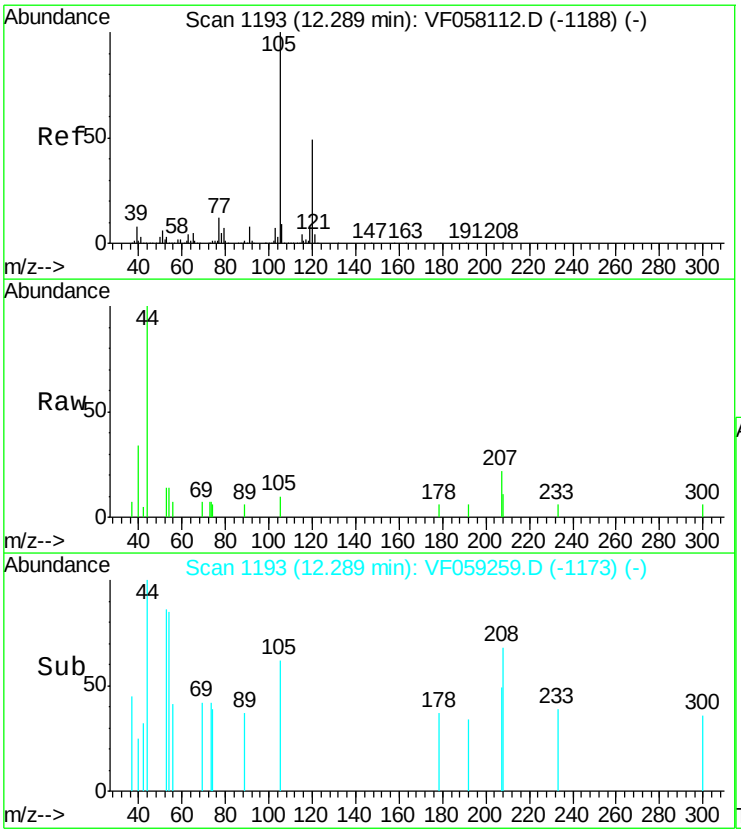
#83
tert-Butylbenzene
Concen: 2.40 ug/l
RT: 12.15 min Scan# 1179
Delta R.T. -0.06 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 67

Ion	Ratio	Lower	Upper
119	100		
91	0.0	30.4	91.3#
134	0.0	11.2	33.5#

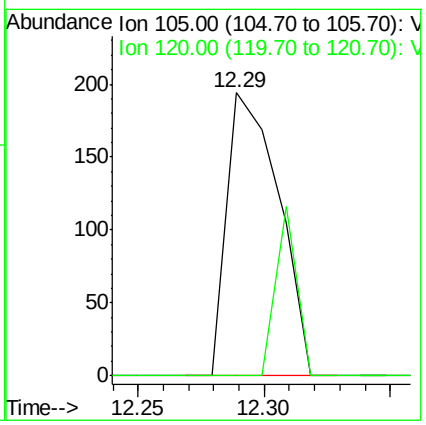


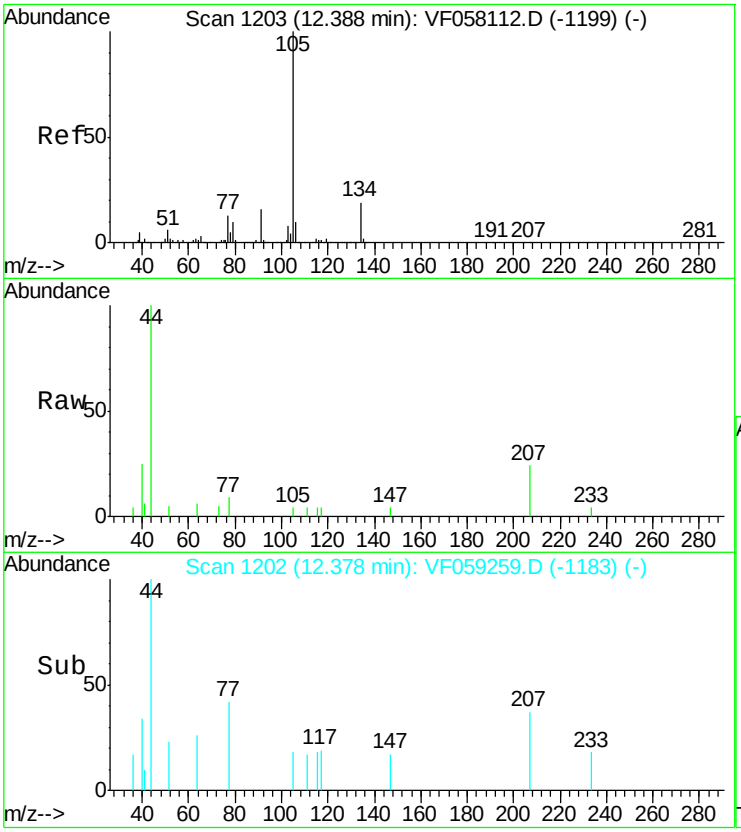


#84
1,2,4-Trimethylbenzene
Concen: 9.50 ug/l
RT: 12.29 min Scan# 1193
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion:105 Resp: 277

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.7	74.1#



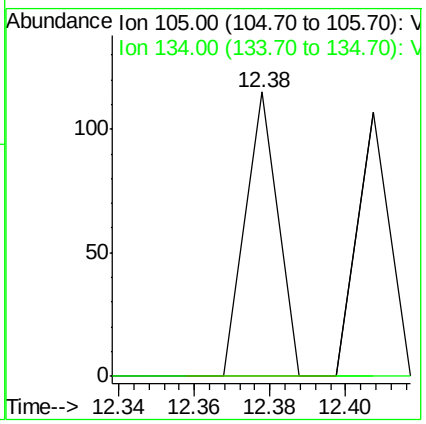


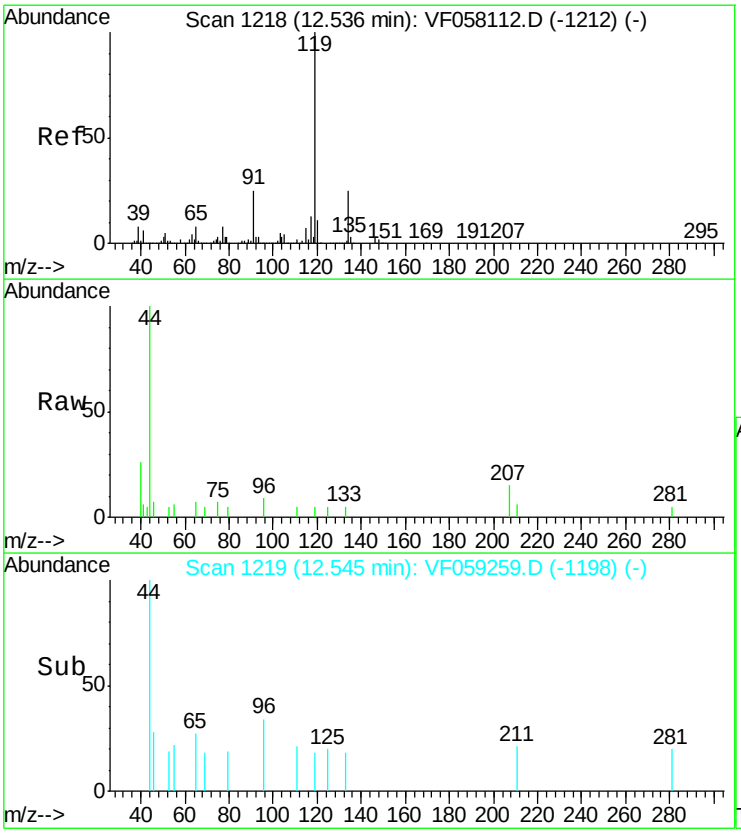
#85
sec-Butylbenzene
Concen: 1.79 ug/l
RT: 12.38 min Scan# 1202
Delta R.T. -0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 68

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.6	28.6#

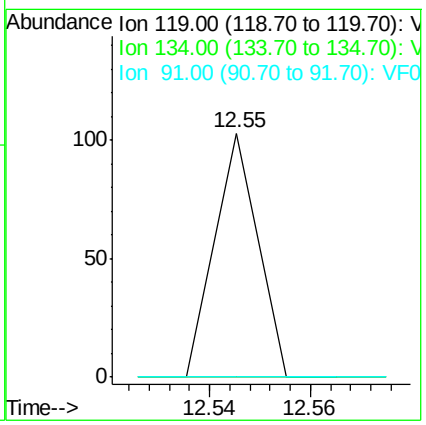


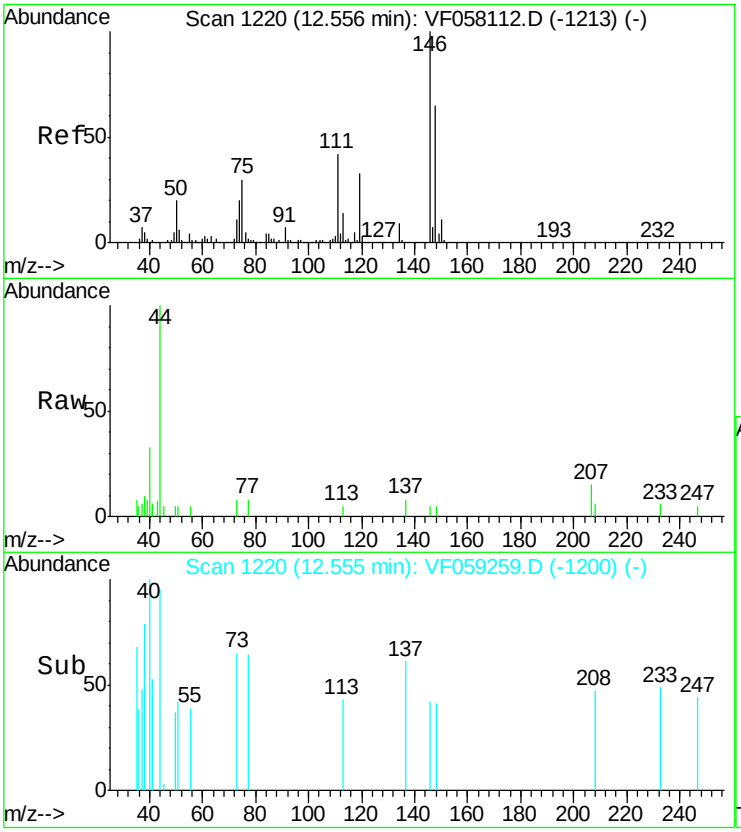


#86
p-Isopropyltoluene
Concen: 1.96 ug/l
RT: 12.55 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion:119 Resp: 61

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.7	38.0#
91	0.0	12.6	37.6#



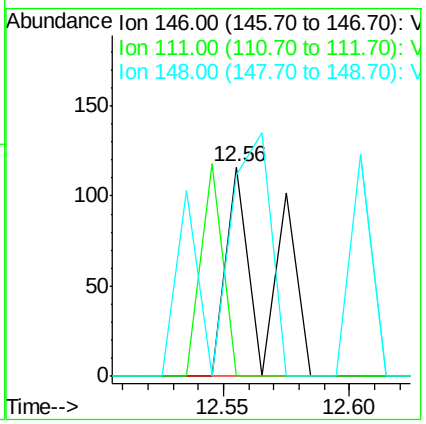


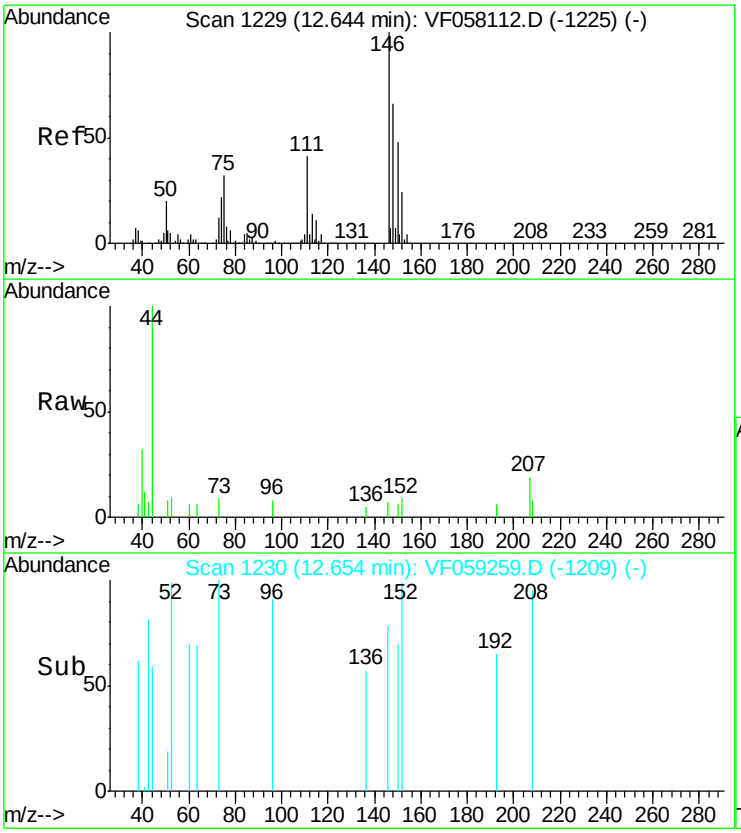
#87
1,3-Dichlorobenzene
Concen: 8.17 ug/l
RT: 12.56 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 129

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.8	62.5#
148	96.6	32.3	96.9

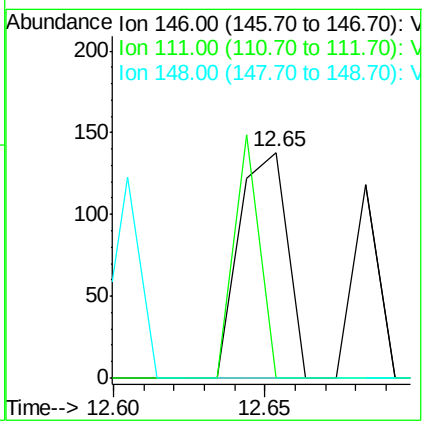


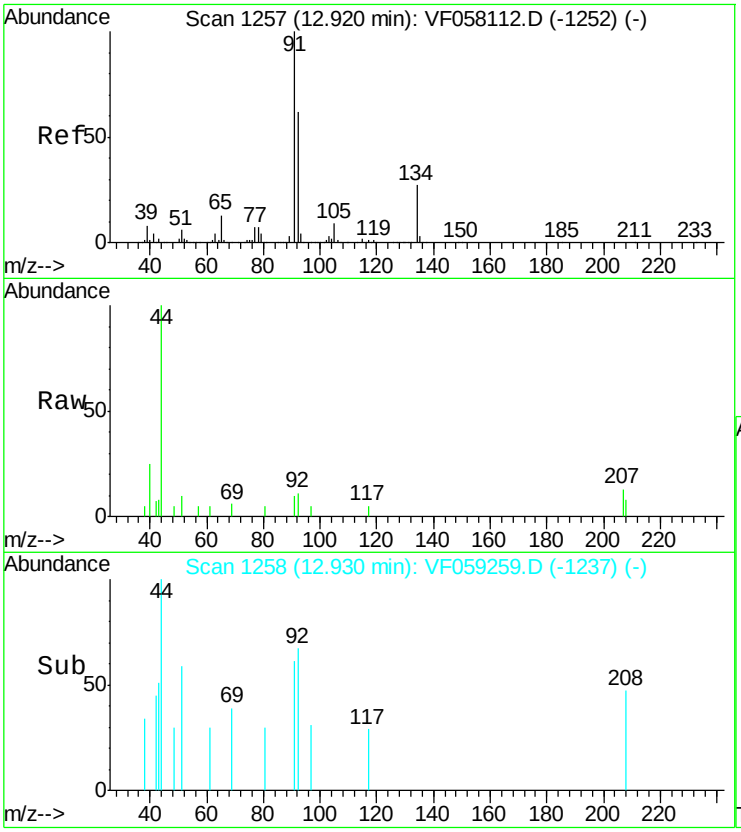


#88
1,4-Dichlorobenzene
Concen: 10.12 ug/l
RT: 12.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion:146 Resp: 154

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.4	61.2#
148	0.0	33.0	99.0#



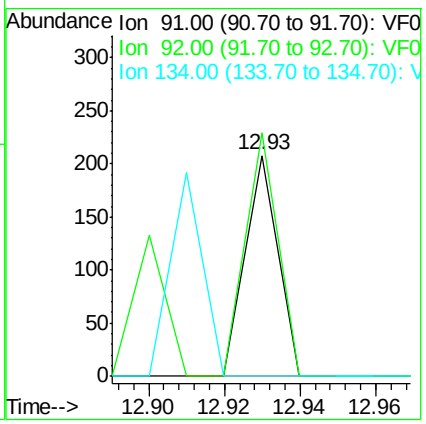


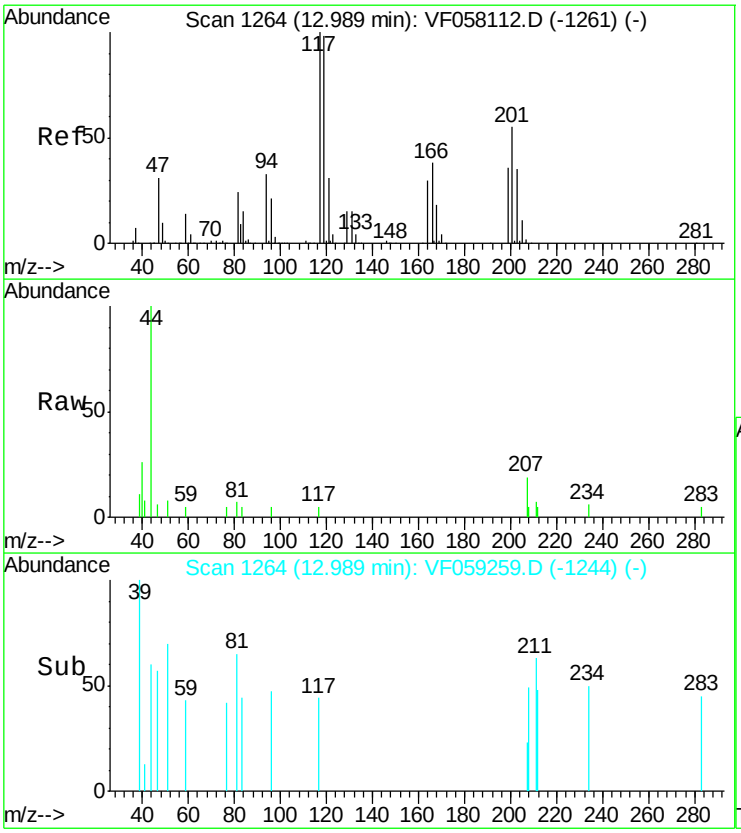
#89
n-Butylbenzene
Concen: 2.57 ug/l
RT: 12.93 min Scan# 1258
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 123

Ion	Ratio	Lower	Upper
91	100		
92	110.1	31.1	93.5#
134	0.0	13.6	40.8#

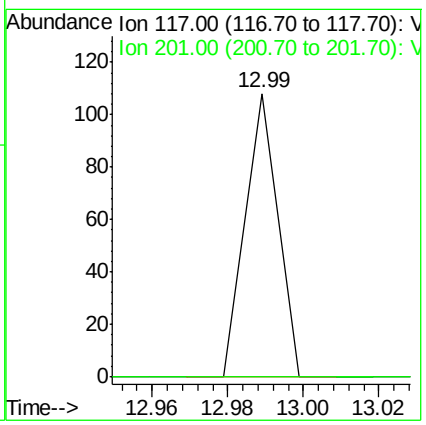


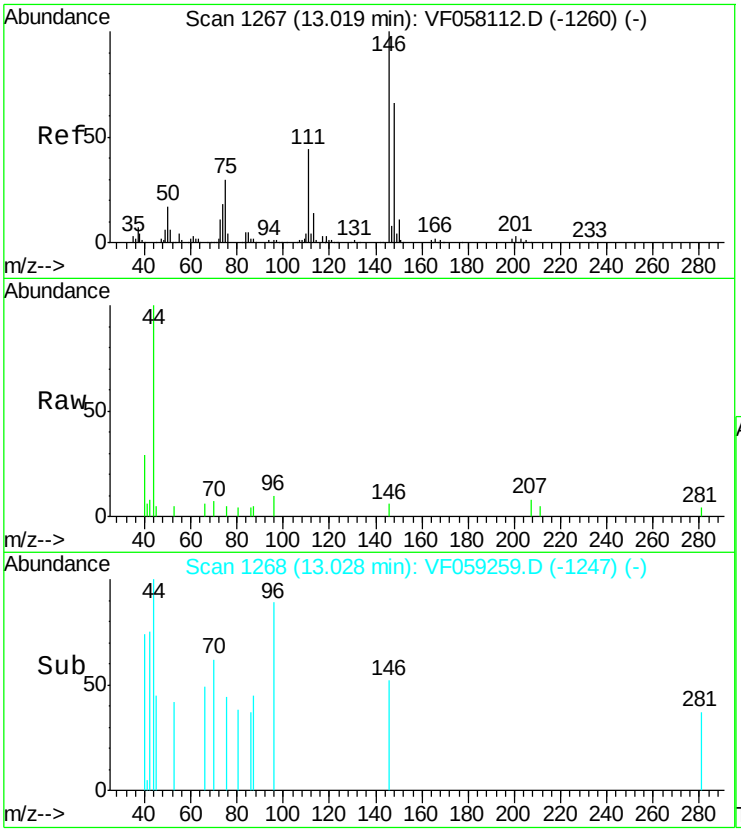


#90
Hexachloroethane
Concen: 8.34 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion:117 Resp: 64

Ion	Ratio	Lower	Upper
117	100		
201	0.0	27.5	82.4#



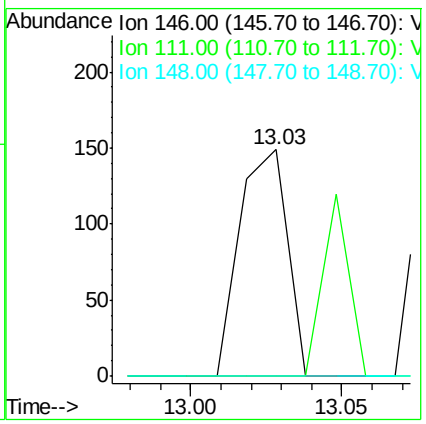


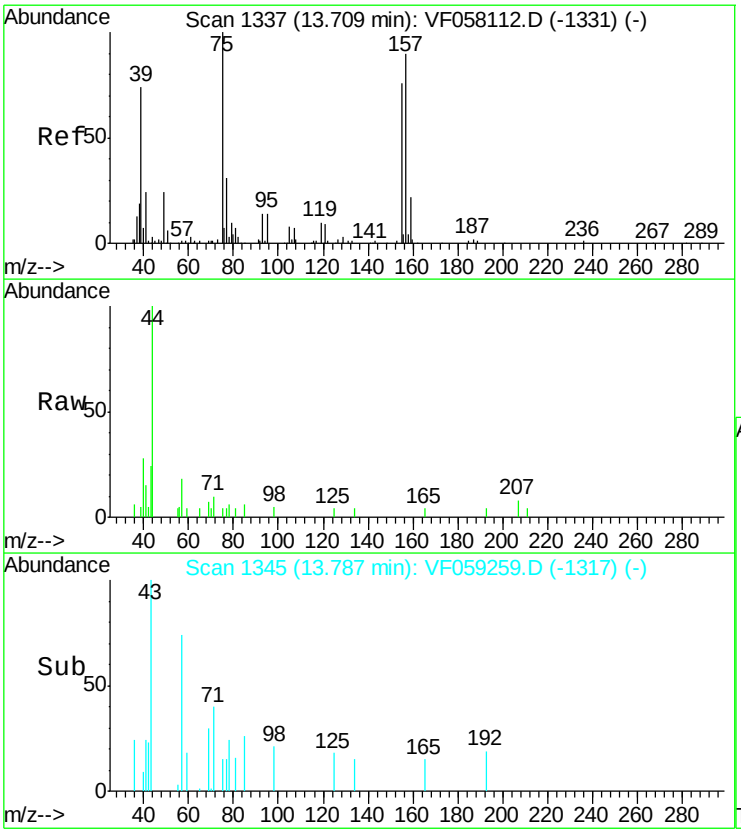
#91
1,2-Dichlorobenzene
Concen: 10.84 ug/l
RT: 13.03 min Scan# 1268
Delta R.T. 0.01 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 165

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.0	66.0#
148	0.0	33.1	99.3#

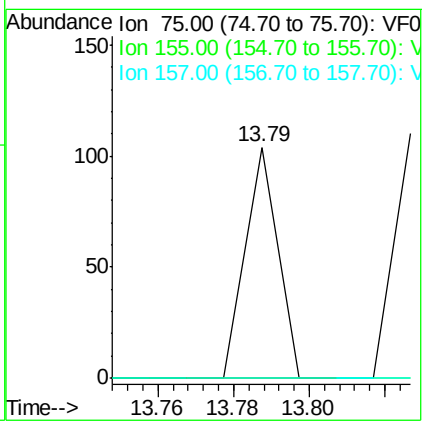


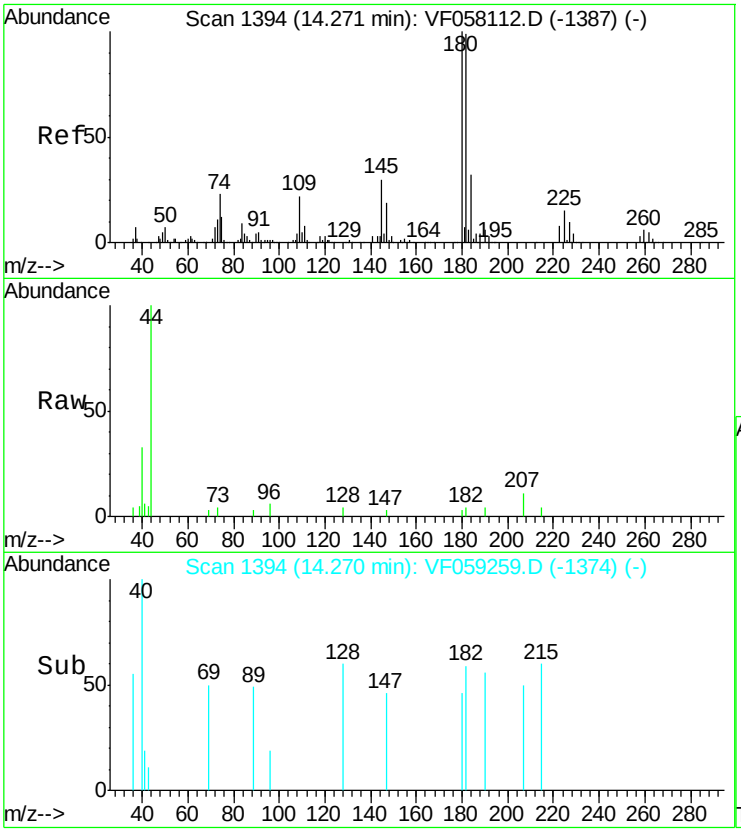


#92
1,2-Dibromo-3-Chloropropane
Concen: 39.22 ug/l
RT: 13.79 min Scan# 1345
Delta R.T. 0.08 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion: 75 Resp: 62

Ion	Ratio	Lower	Upper
75	100		
155	0.0	38.0	114.0#
157	0.0	45.1	135.5#



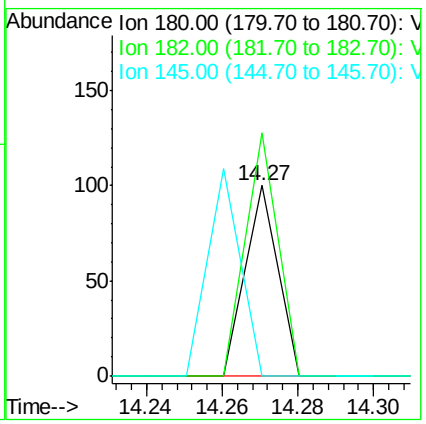


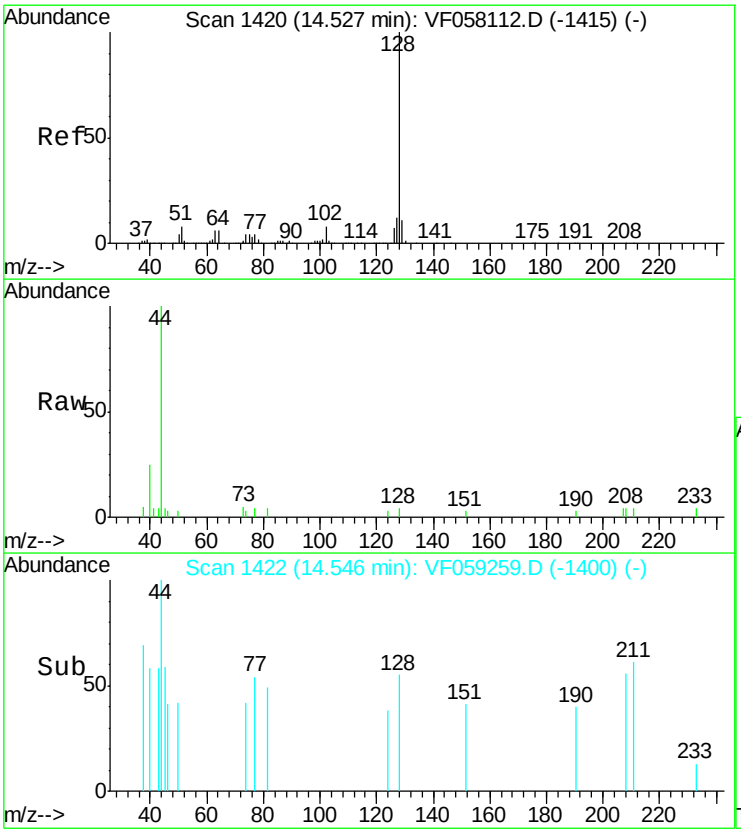
#93
1,2,4-Trichlorobenzene
Concen: 5.54 ug/l
RT: 14.27 min Scan# 1394
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:180 Resp: 59

Ion	Ratio	Lower	Upper
180	100		
182	128.0	49.3	147.9
145	0.0	14.9	44.9#

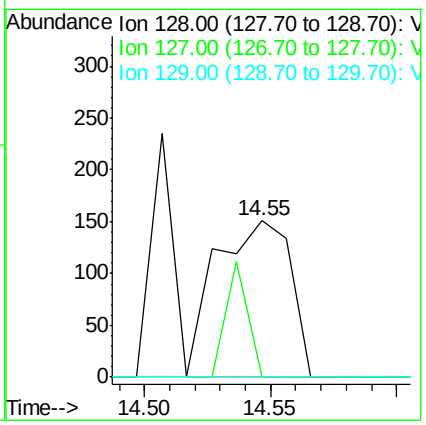


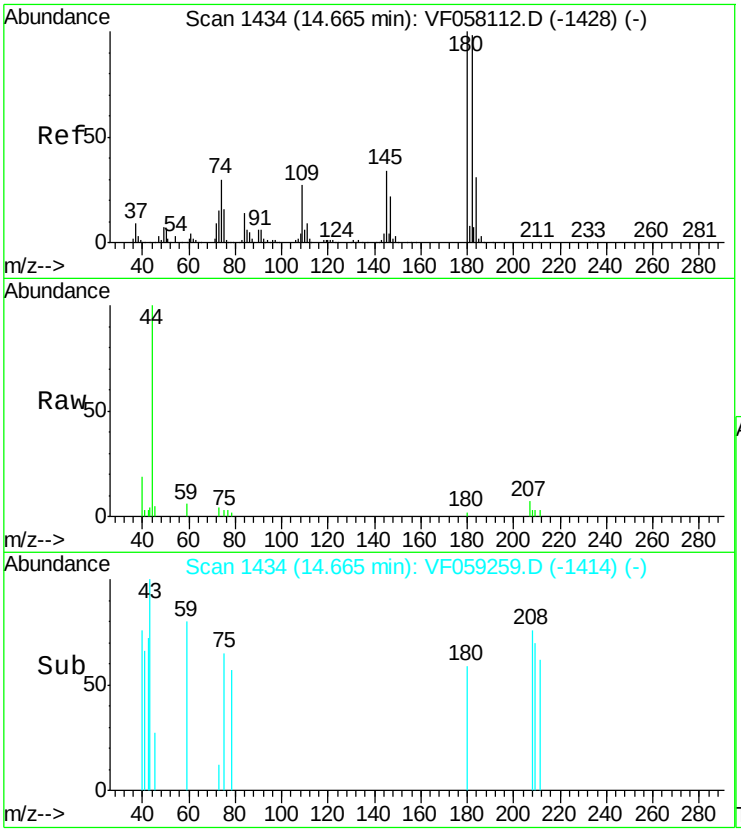


#95
Naphthalene
Concen: 13.72 ug/l
RT: 14.55 min Scan# 1422
Delta R.T. 0.02 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Tgt Ion:128 Resp: 312

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.9	14.9#
129	0.0	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 6.20 ug/l
RT: 14.66 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VF059259.D
Acq: 21 Jun 2018 12:50

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:180 Resp: 61

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.9	146.6#
145	0.0	17.3	51.7#