Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121818\
Data File : VF061062.D
Acq On : 18 Dec 2018 14:58
Operator : VA/AP
Sample : J6464-04RE
Misc : 5.1g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Quant Time: Dec 19 00:51:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	4648	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	6245	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	4303	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	1235	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	983	17.95	ug/l	-0.03
Spiked Amount 50.000			Recovery = 35.90%			
35) Dibromofluoromethane	4.11	113	1500	30.28	ug/l	-0.04
Spiked Amount 50.000			Recovery = 60.56%			
50) Toluene-d8	7.56	98	5587	38.28	ug/l	-0.04
Spiked Amount 50.000			Recovery = 76.56%			
62) 4-Bromofluorobenzene	11.41	95	1489	22.45	ug/l	-0.03
Spiked Amount 50.000			Recovery = 44.90%			
Target Compounds						Qvalue
3) Chloromethane	1.08	50	151	3.339	ug/l #	41
4) Vinyl Chloride	1.05	62	98	2.323	ug/l #	42
5) Bromomethane	1.30	94	164	5.514	ug/l	87
6) Chloroethane	1.35	64	88	4.826	ug/l #	1
8) Diethyl Ether	1.61	74	183	14.061	ug/l #	28
11) Tert butyl alcohol	2.45	59	62	27.623	ug/l #	62
12) 1,1-Dichloroethene	1.80	96	131	3.559	ug/l #	1
13) Acrolein	2.02	56	278	130.723	ug/l	96
14) Allyl chloride	2.10	41	462	10.072	ug/l #	59
15) Acrylonitrile	2.94	53	215	42.726	ug/l #	1
16) Acetone	2.24	43	994	98.444	ug/l #	65
18) Methyl Acetate	2.44	43	583	33.884	ug/l	93
19) Methyl tert-butyl Ether	2.45	73	144	1.737	ug/l #	58
20) Methylene Chloride	2.24	84	63	1.701	ug/l #	1
21) trans-1,2-Dichloroethene	2.34	96	272	7.666	ug/l #	1
22) Diisopropyl ether	2.79	45	254	2.034	ug/l #	10
23) Vinyl Acetate	3.18	43	657	11.511	ug/l #	80
24) 1,1-Dichloroethane	2.92	63	283	3.809	ug/l #	16
25) 2-Butanone	4.31	43	266	15.231	ug/l #	57
26) 2,2-Dichloropropane	3.59	77	122	2.533	ug/l #	60
27) cis-1,2-Dichloroethene	3.44	96	65	1.125	ug/l	1
28) Bromochloromethane	3.61	49	66	1.851	ug/l #	11
29) Tetrahydrofuran	4.08	42	382	51.601	ug/l #	55
37) Ethyl Acetate	4.12	43	575	20.427	ug/l #	14
41) Methacrylonitrile	4.73	41	417	26.814	ug/l #	40
43) Isopropyl Acetate	6.96	43	61	Below Cal	#	49
48) Methyl methacrylate	6.67	41	215	8.438	ug/l #	7
49) 1,4-Dioxane	6.26	88	65	348.572	ug/l #	20
51) 4-Methyl-2-Pentanone	8.23	43	172	6.626	ug/l #	38
52) Toluene	7.63	92	813	7.564	ug/l #	30
53) t-1,3-Dichloropropene	8.31	75	78	1.339	ug/l #	40
55) 1,1,2-Trichloroethane	8.59	97	76	2.427	ug/l #	15
56) Ethyl methacrylate	8.65	69	79	2.271	ug/l #	17
58) 2-Chloroethyl Vinyl ether	7.17	63	91	25.570	ug/l #	46

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121818\
Data File : VF061062.D
Acq On : 18 Dec 2018 14:58
Operator : VA/AP
Sample : J6464-04RE
Misc : 5.1g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Quant Time: Dec 19 00:51:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) 2-Hexanone	9.51	43	185	10.159	ug/l		84
60) Dibromochloromethane	8.72	129	66	1.414	ug/l	#	12
74) N-amyl acetate	11.38	43	385	17.083	ug/l	#	45
75) 1,1,2,2-Tetrachloroethane	11.64	83	82	5.105	ug/l	#	25
76) 1,2,3-Trichloropropane	11.86	75	98	8.394	ug/l	#	38
79) 2-Chlorotoluene	11.66	91	107	1.633	ug/l	#	43
81) trans-1,4-Dichloro-2-buten	11.86	75	98	17.132	ug/l	#	16
82) 4-Chlorotoluene	12.06	91	70	1.015	ug/l	#	45
89) n-Butylbenzene	12.84	91	178	1.900	ug/l	#	27
92) 1,2-Dibromo-3-Chloropropan	13.63	75	77	24.795	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.17	180	80	2.971	ug/l	#	11
95) Naphthalene	14.46	128	837	13.456	ug/l	#	69

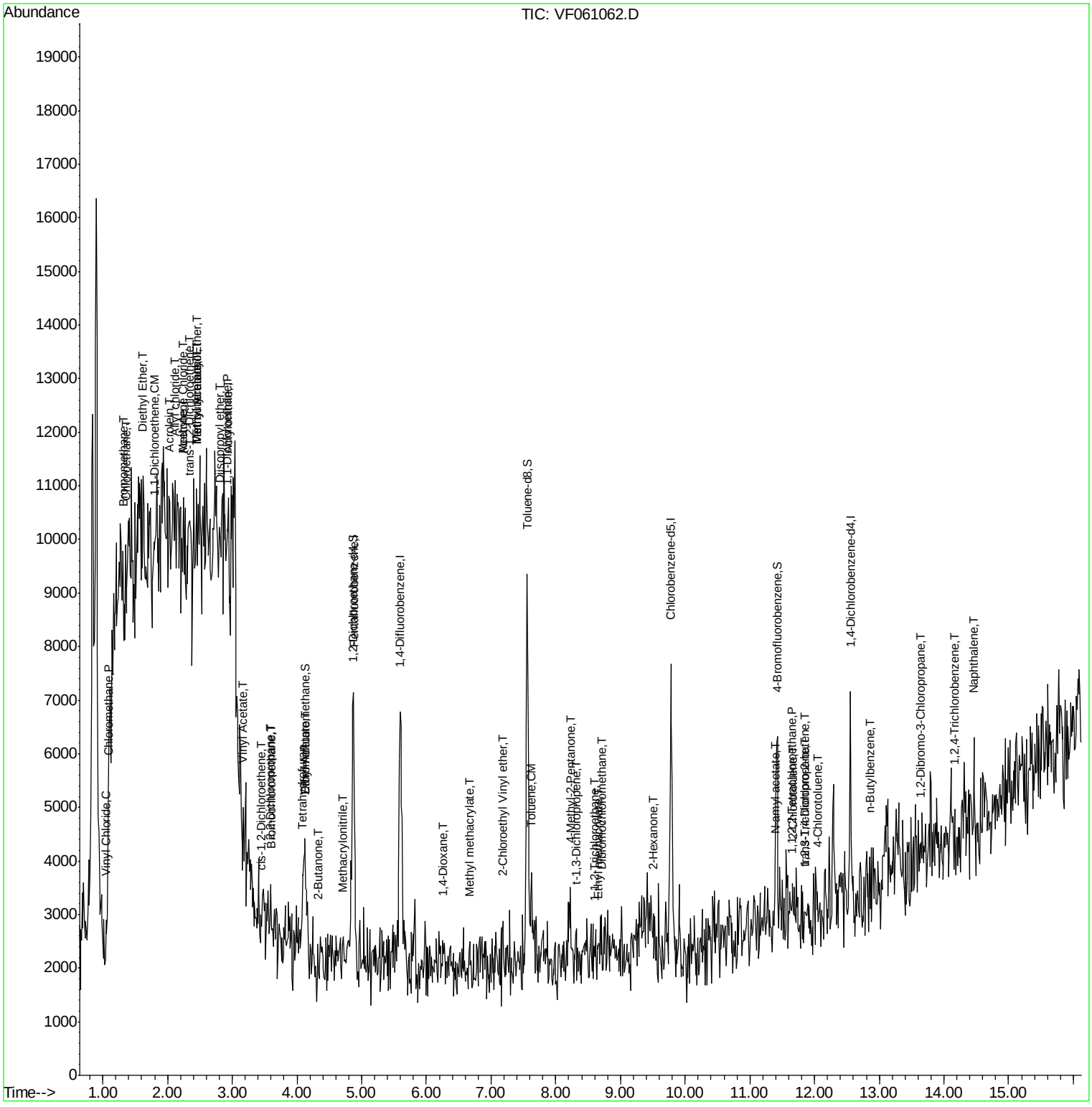
(#) = qualifier out of range (m) = manual integration (+) = signals summed

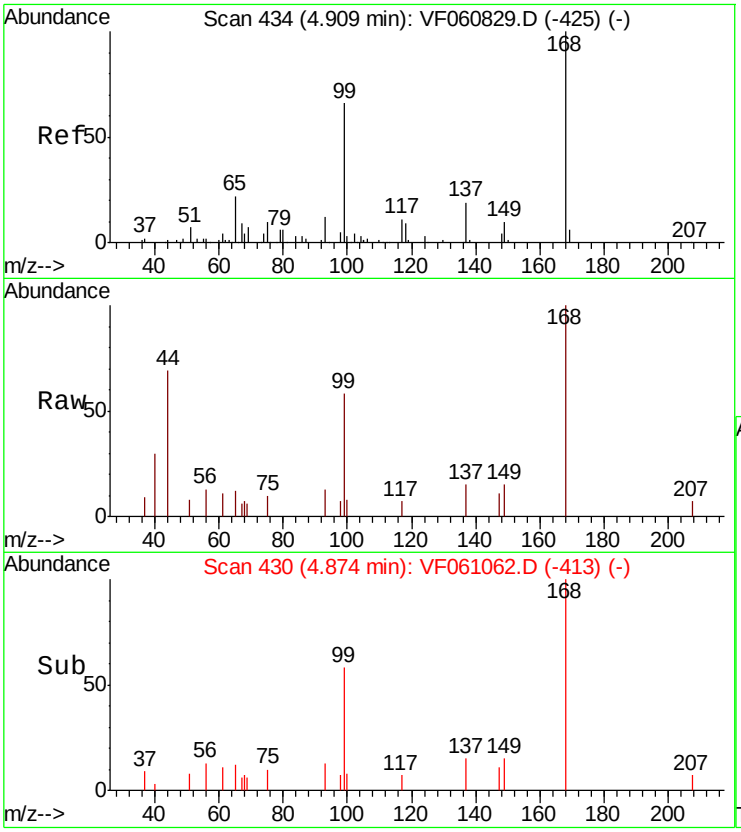
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121818\
Data File : VF061062.D
Acq On : 18 Dec 2018 14:58
Operator : VA/AP
Sample : J6464-04RE
Misc : 5.1g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Quant Time: Dec 19 00:51:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration



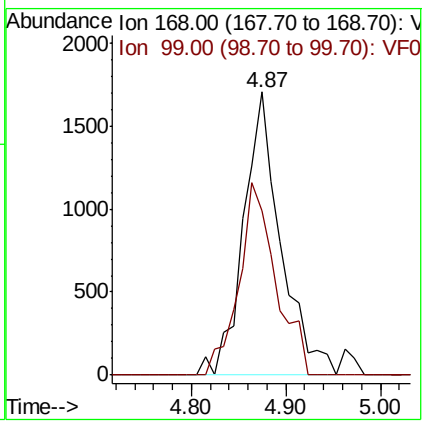


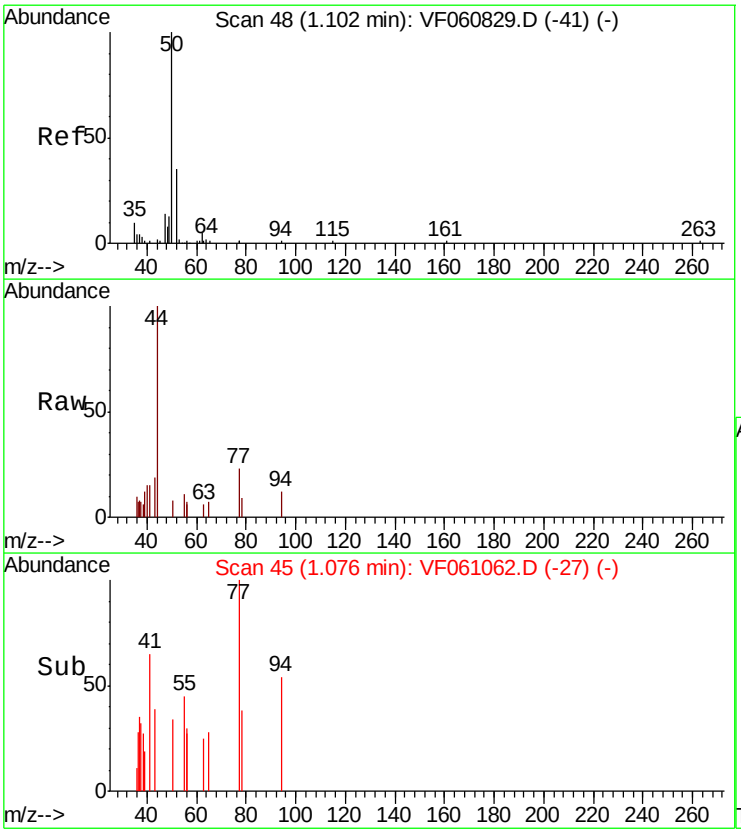
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.04 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument :
MSVOA_F
ClientSampleId :
VB16202RE

Tgt Ion:168 Resp: 4648

Ion	Ratio	Lower	Upper
168	100		
99	58.0	52.6	79.0

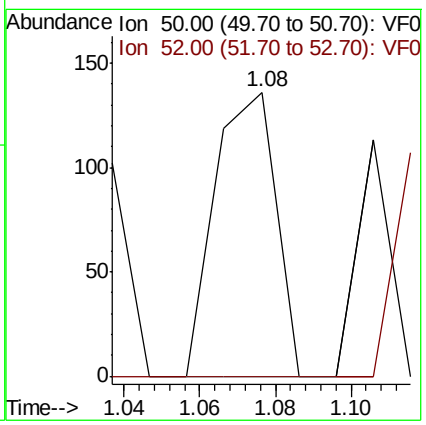


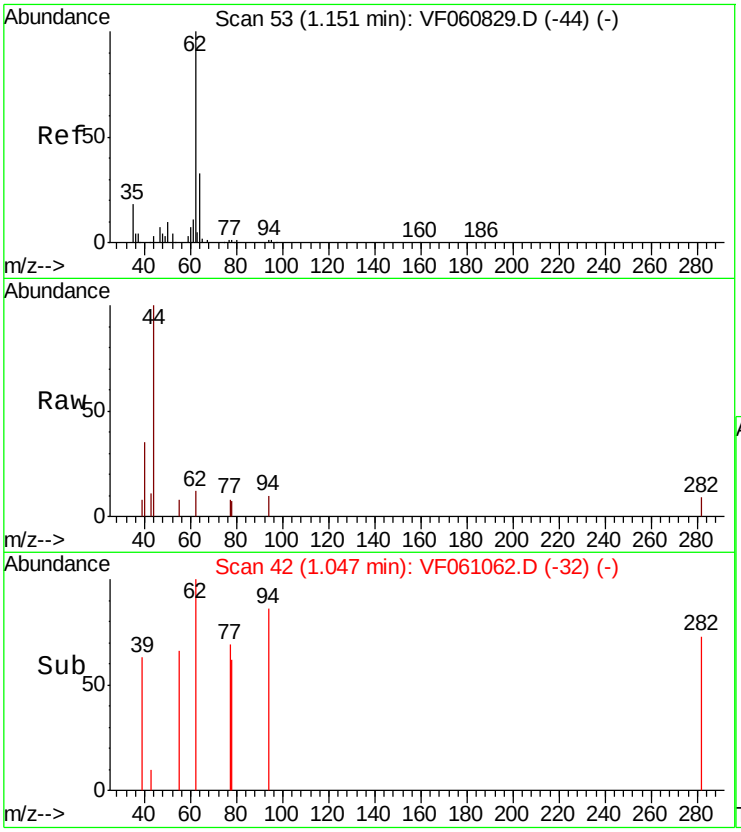


#3
Chloromethane
Concen: 3.339 ug/l
RT: 1.08 min Scan# 45
Delta R.T. -0.03 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 50 Resp: 151

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.0	40.4#



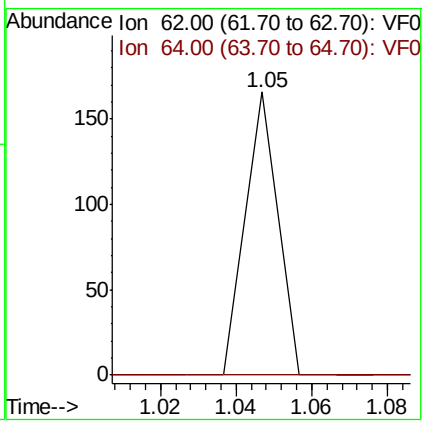


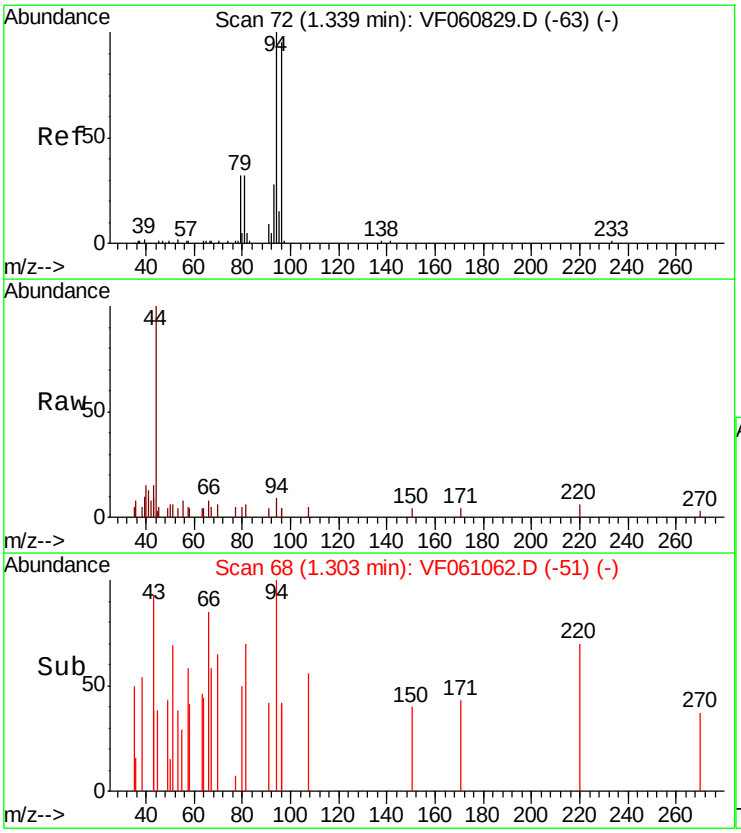
#4
Vinyl Chloride
Concen: 2.323 ug/l
RT: 1.05 min Scan# 42
Delta R.T. -0.10 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 62 Resp: 98

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.4	39.6#

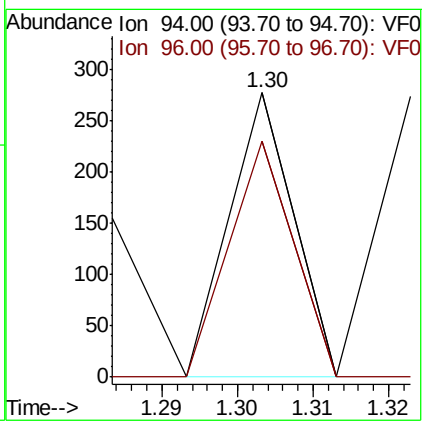


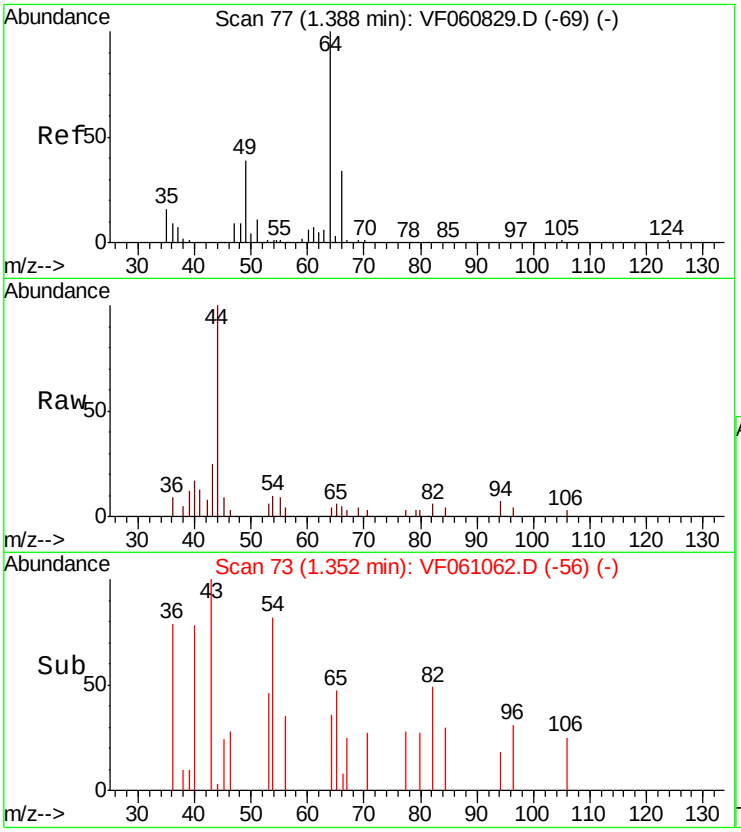


#5
Bromomethane
Concen: 5.514 ug/l
RT: 1.30 min Scan# 68
Delta R.T. -0.04 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 94 Resp: 164

Ion	Ratio	Lower	Upper
94	100		
96	82.7	75.9	113.9



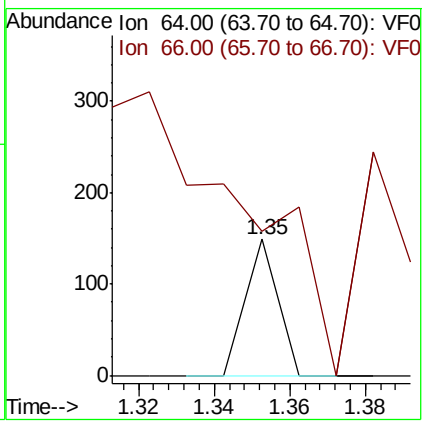


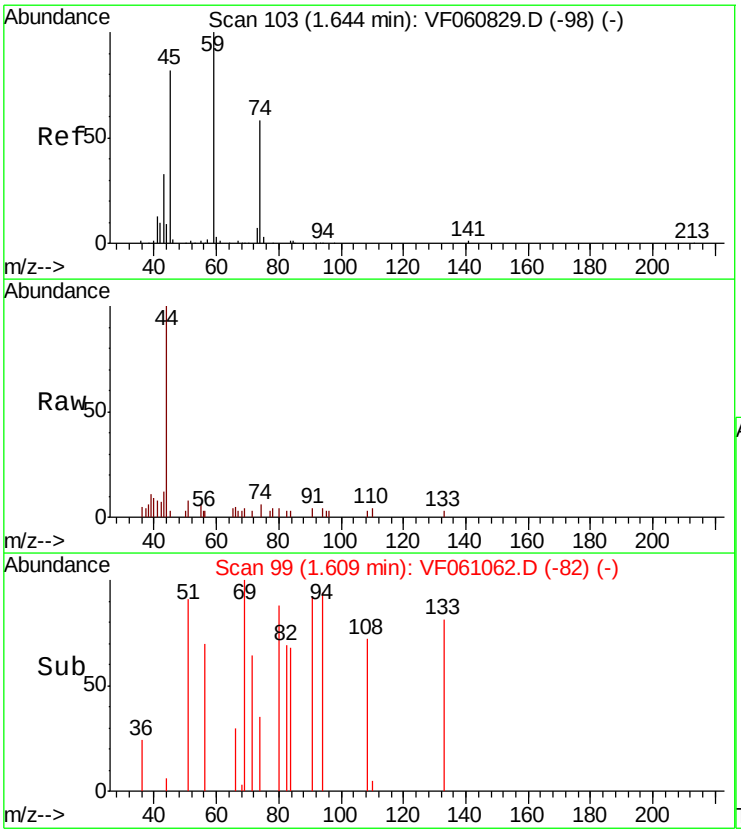
#6
Chloroethane
Concen: 4.826 ug/l
RT: 1.35 min Scan# 73
Delta R.T. -0.04 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument :
MSVOA_F
ClientSampleId :
VB16202RE

Tgt Ion: 64 Resp: 88

Ion	Ratio	Lower	Upper
64	100		
66	106.0	28.1	42.1#

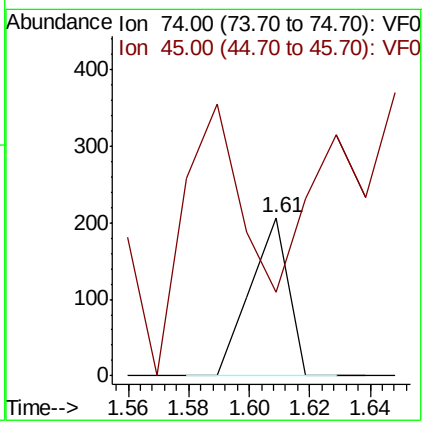


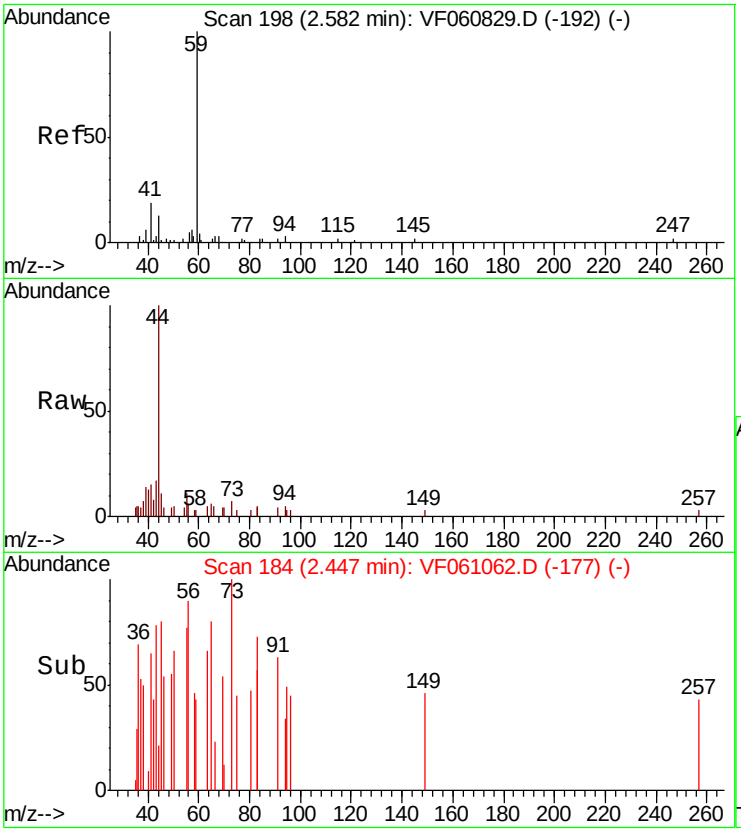


#8
Diethyl Ether
Concen: 14.061 ug/l
RT: 1.61 min Scan# 99
Delta R.T. -0.04 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 74 Resp: 183

Ion	Ratio	Lower	Upper
74	100		
45	52.9	71.0	212.8#



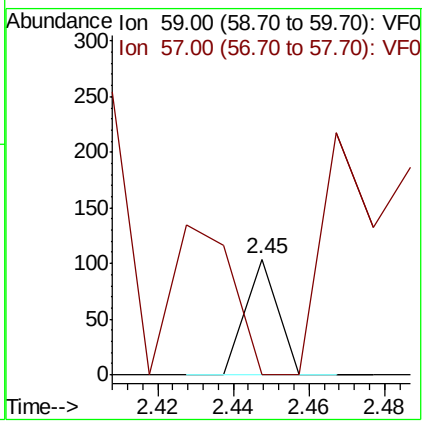


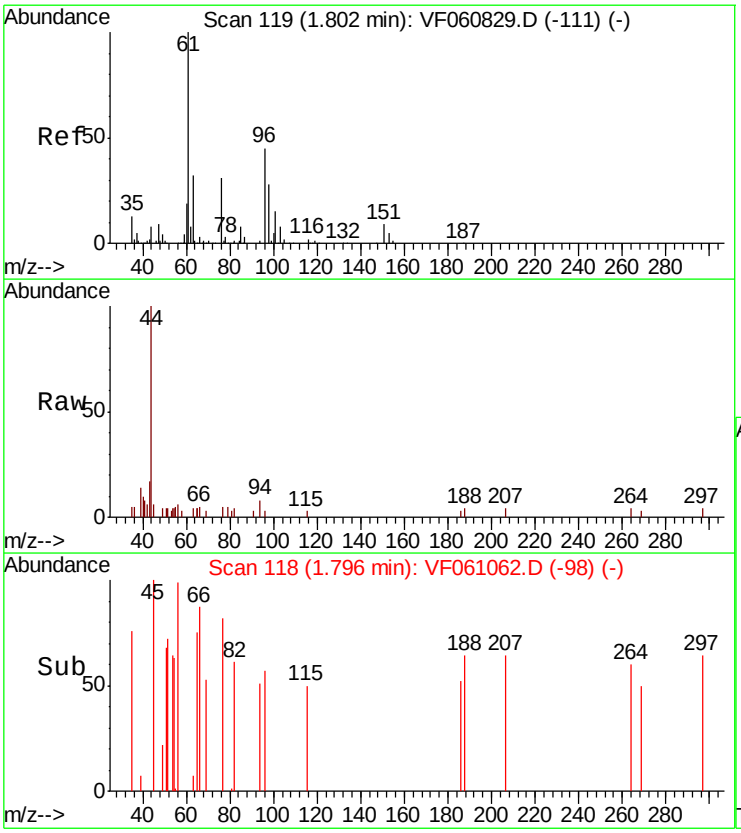
#11
Tert butyl alcohol
Concen: 27.623 ug/l
RT: 2.45 min Scan# 184
Delta R.T. -0.13 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 59 Resp: 62

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#

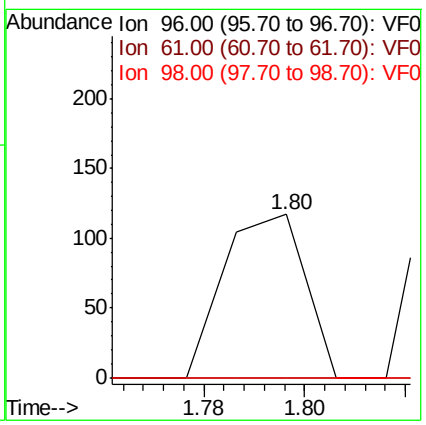


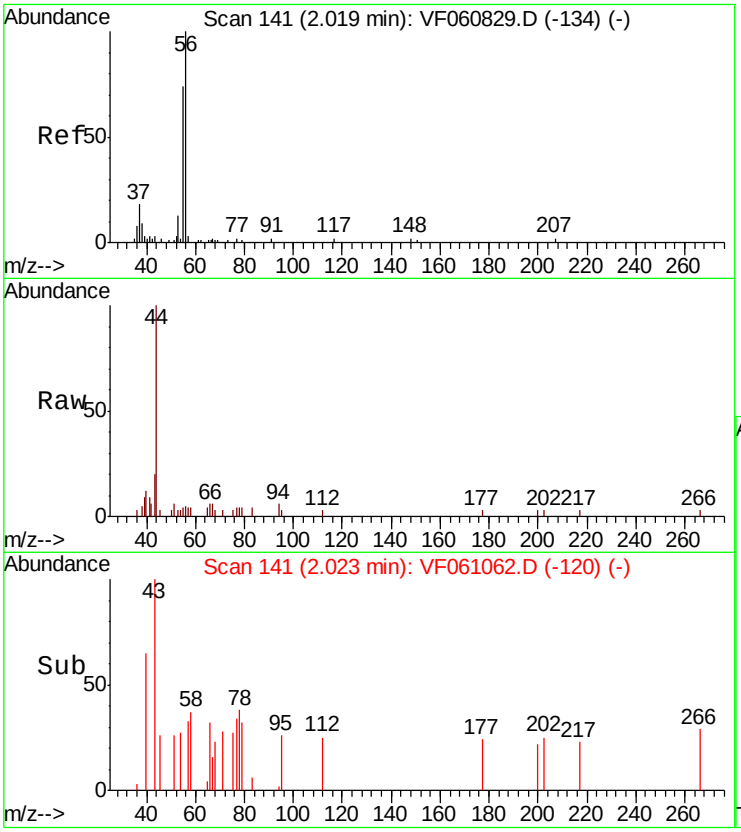


#12
1,1-Dichloroethene
Concen: 3.559 ug/l
RT: 1.80 min Scan# 118
Delta R.T. -0.01 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 96 Resp: 131

Ion	Ratio	Lower	Upper
96	100		
61	0.0	177.3	265.9#
98	0.0	49.6	74.4#



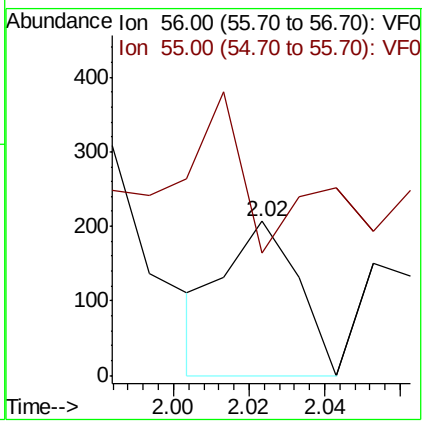


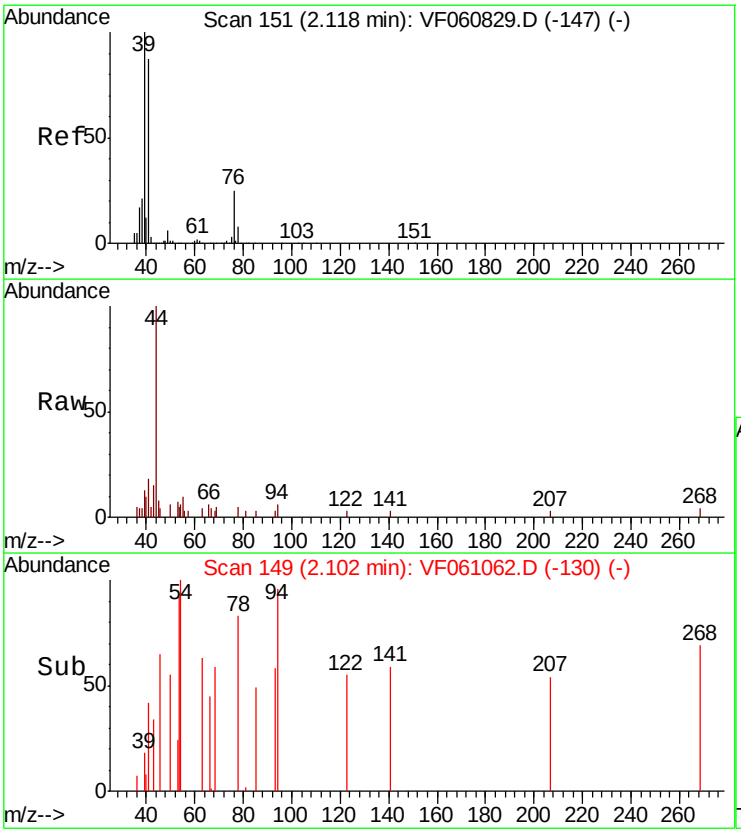
#13
Acrolein
Concen: 130.723 ug/l
RT: 2.02 min Scan# 141
Delta R.T. 0.00 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 56 Resp: 278

Ion	Ratio	Lower	Upper
56	100		
55	79.7	61.2	91.8

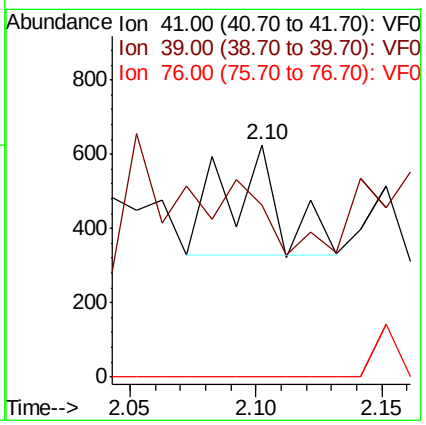


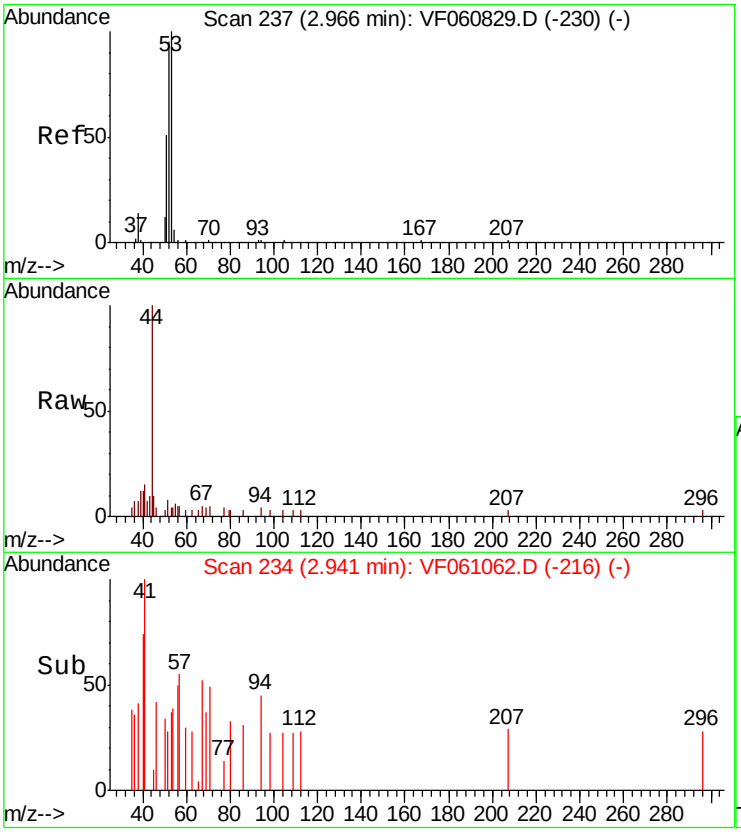


#14
Allyl chloride
Concen: 10.072 ug/l
RT: 2.10 min Scan# 149
Delta R.T. -0.02 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 41 Resp: 462

Ion	Ratio	Lower	Upper
41	100		
39	73.8	91.7	137.5#
76	0.0	23.5	35.3#



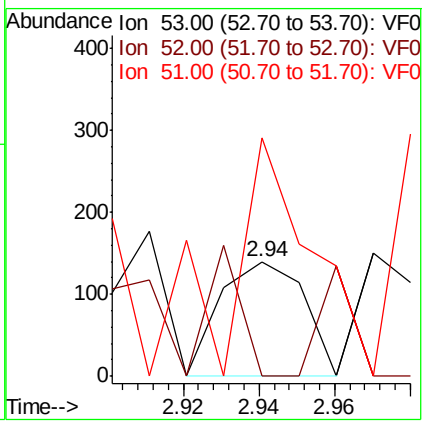


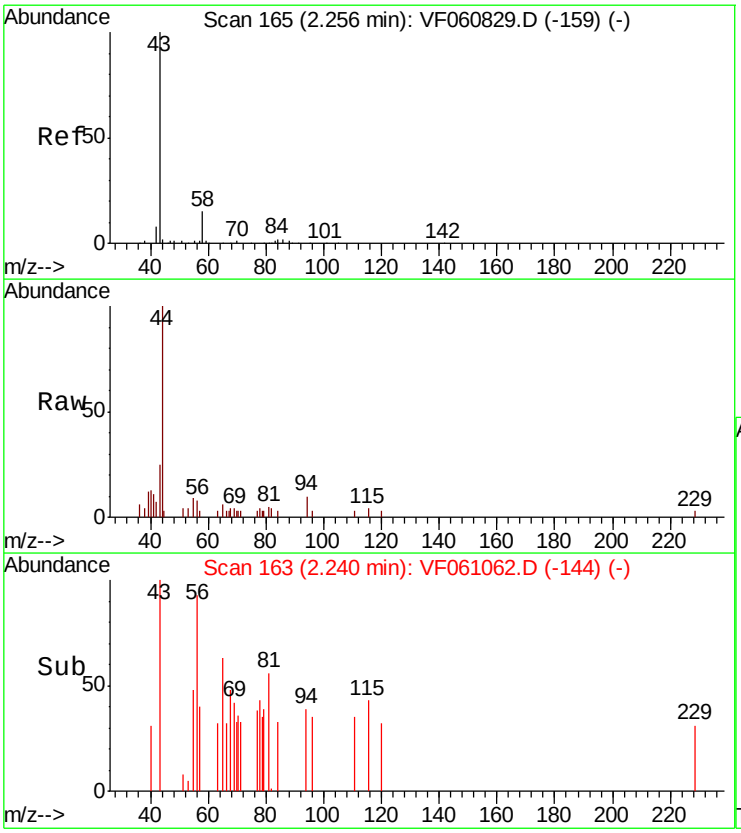
#15
Acrylonitrile
Concen: 42.726 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.03 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 53 Resp: 215

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	207.9	40.7	61.1#

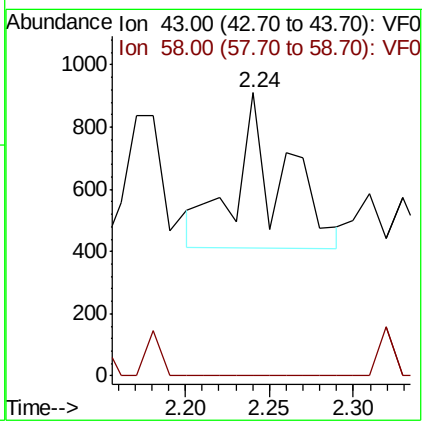


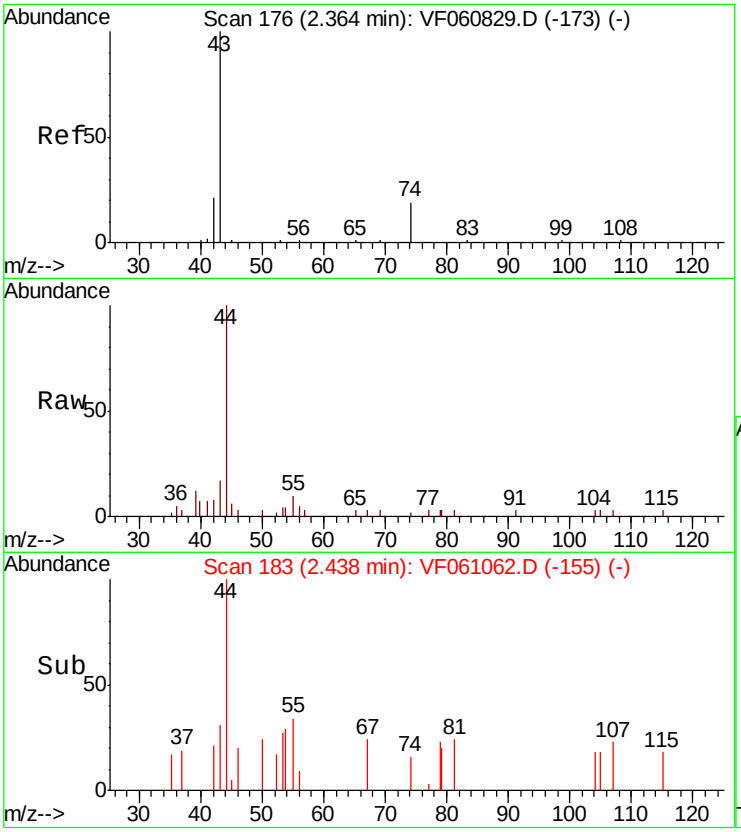


#16
Acetone
Concen: 98.444 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 43 Resp: 994

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.4	17.2#



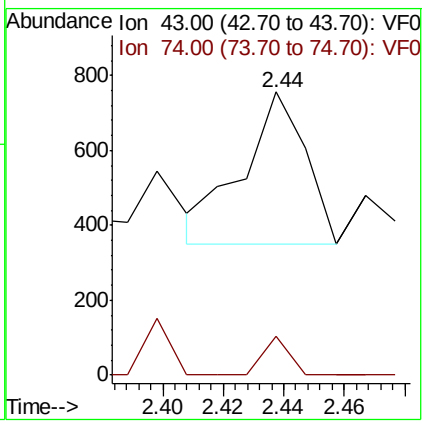


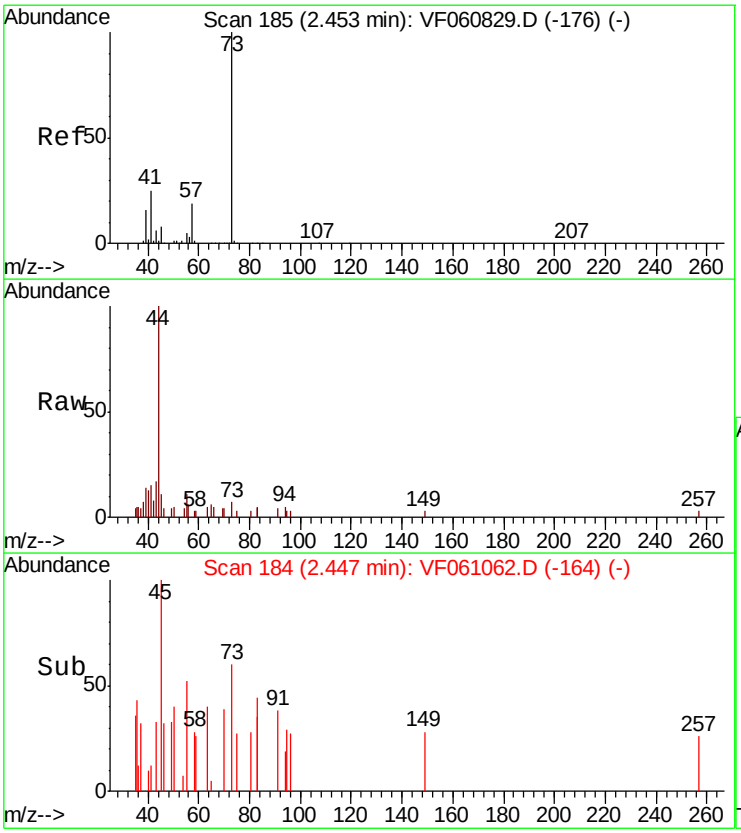
#18
Methyl Acetate
Concen: 33.884 ug/l
RT: 2.44 min Scan# 183
Delta R.T. 0.07 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 43 Resp: 583

Ion	Ratio	Lower	Upper
43	100		
74	13.6	13.3	19.9

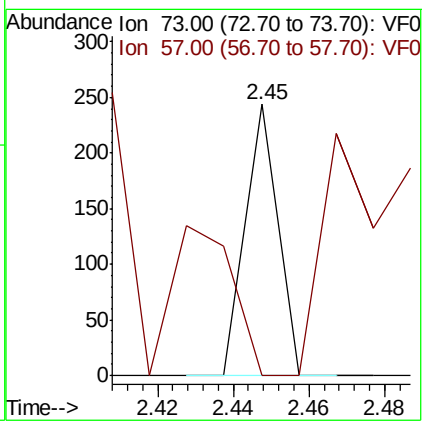


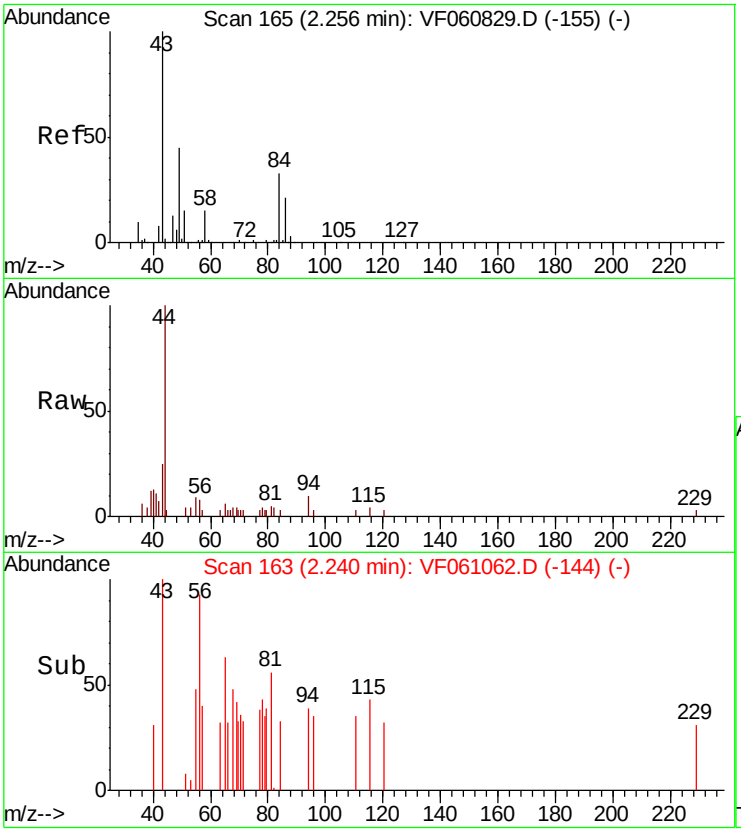


#19
Methyl tert-butyl Ether
Concen: 1.737 ug/l
RT: 2.45 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 73 Resp: 144

Ion	Ratio	Lower	Upper
73	100		
57	0.0	15.3	22.9#



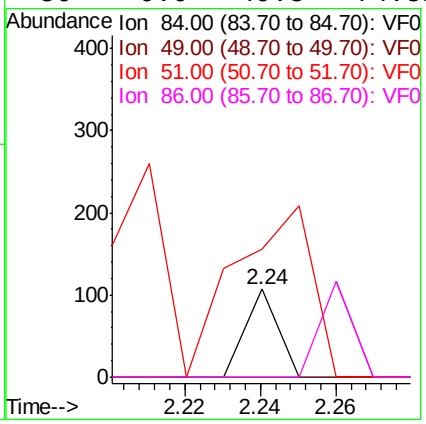


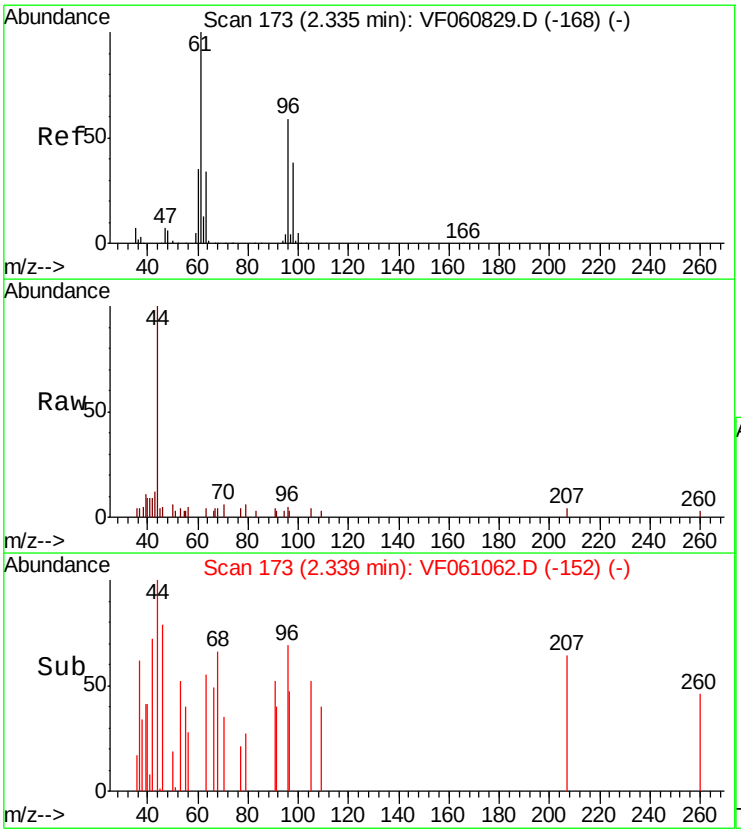
#20
Methylene Chloride
Concen: 1.701 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 84 Resp: 63

Ion	Ratio	Lower	Upper
84	100		
49	0.0	111.3	166.9#
51	145.8	38.0	57.0#
86	0.0	49.8	74.8#

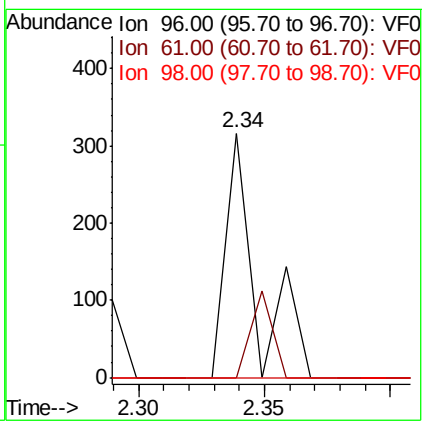


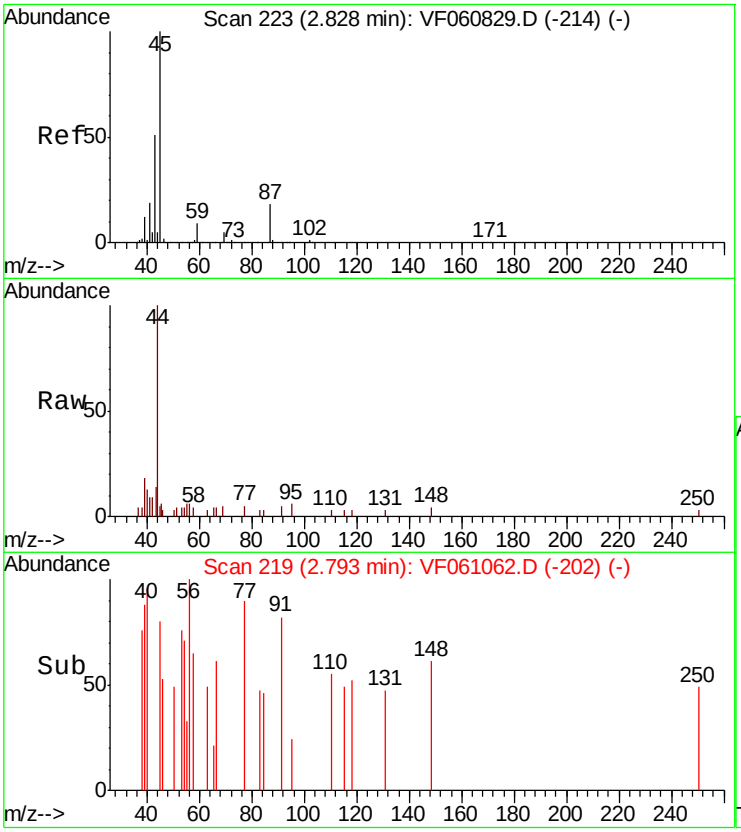


#21
trans-1,2-Dichloroethene
Concen: 7.666 ug/l
RT: 2.34 min Scan# 173
Delta R.T. 0.00 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 96 Resp: 272

Ion	Ratio	Lower	Upper
96	100		
61	0.0	134.5	201.7#
98	0.0	51.6	77.4#



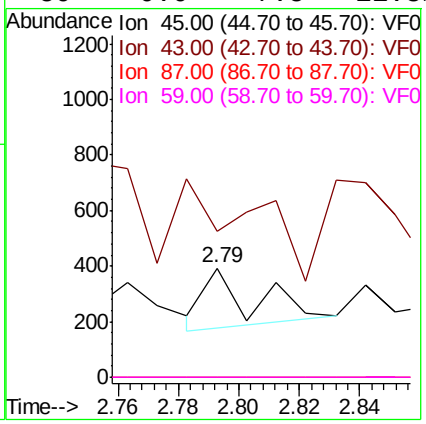


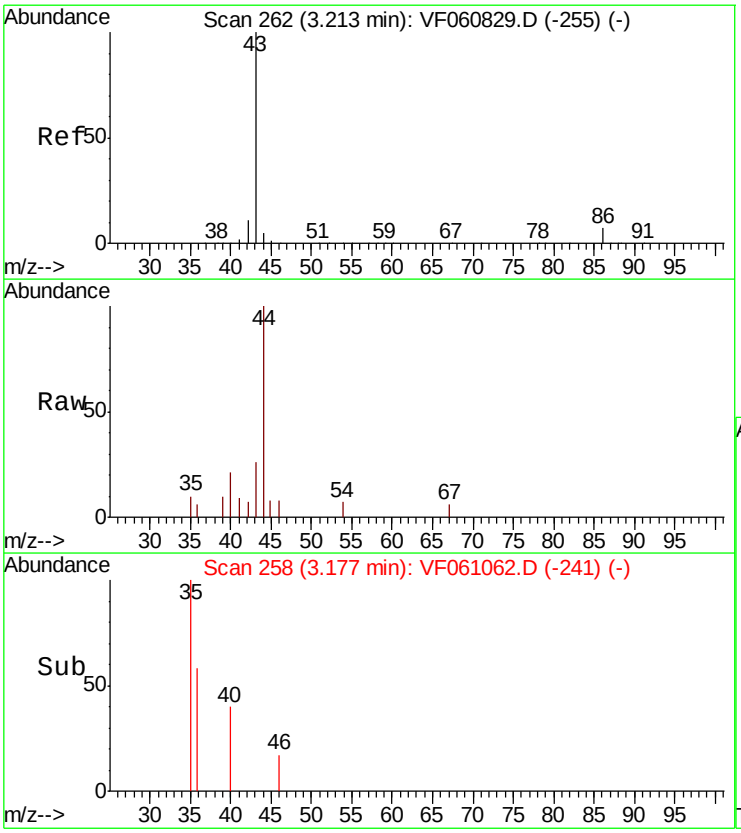
#22
Diisopropyl ether
Concen: 2.034 ug/l
RT: 2.79 min Scan# 219
Delta R.T. -0.04 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 45 Resp: 254

Ion	Ratio	Lower	Upper
45	100		
43	134.2	41.0	61.6#
87	0.0	14.6	22.0#
59	0.0	7.5	11.3#

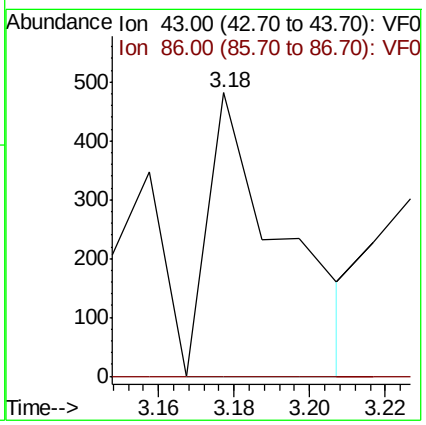


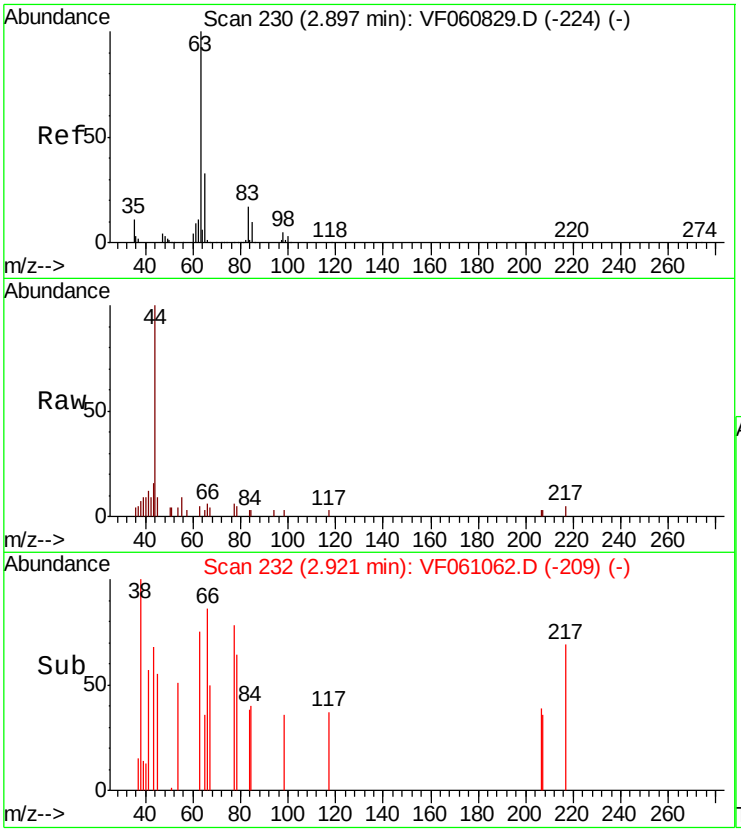


#23
Vinyl Acetate
Concen: 11.511 ug/l
RT: 3.18 min Scan# 258
Delta R.T. -0.04 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 43 Resp: 657

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.4	8.0#



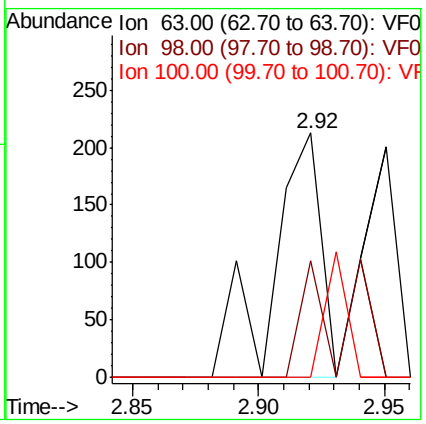


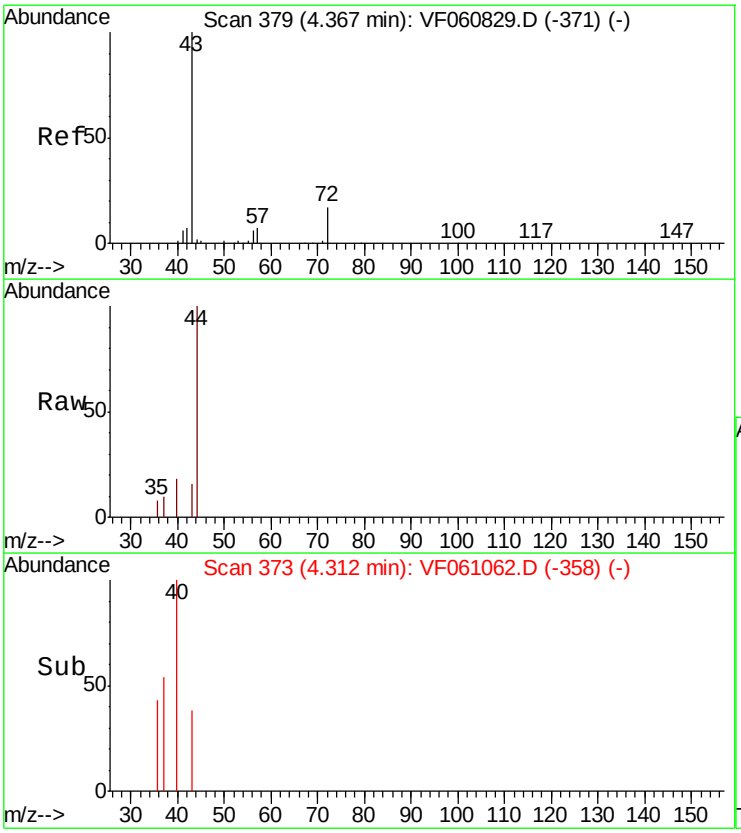
#24
1,1-Dichloroethane
Concen: 3.809 ug/l
RT: 2.92 min Scan# 232
Delta R.T. 0.02 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 63 Resp: 283

Ion	Ratio	Lower	Upper
63	100		
98	47.4	2.7	8.1#
100	0.0	1.5	4.5#

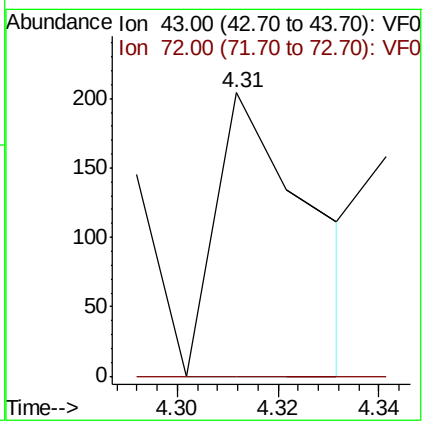


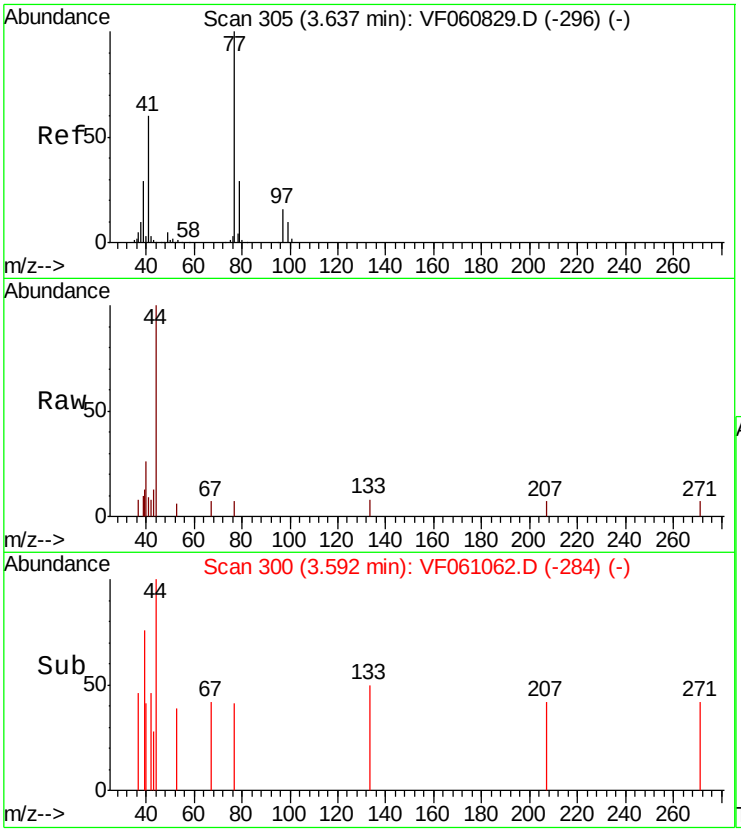


#25
2-Butanone
Concen: 15.231 ug/l
RT: 4.31 min Scan# 373
Delta R.T. -0.06 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 43 Resp: 266

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#



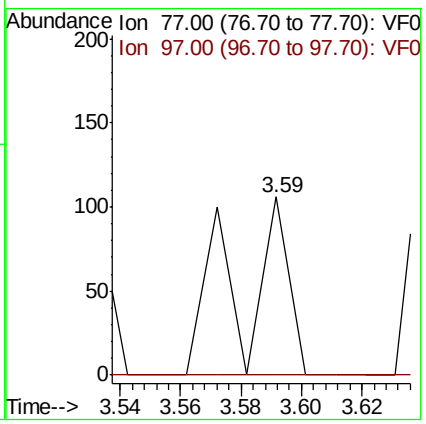


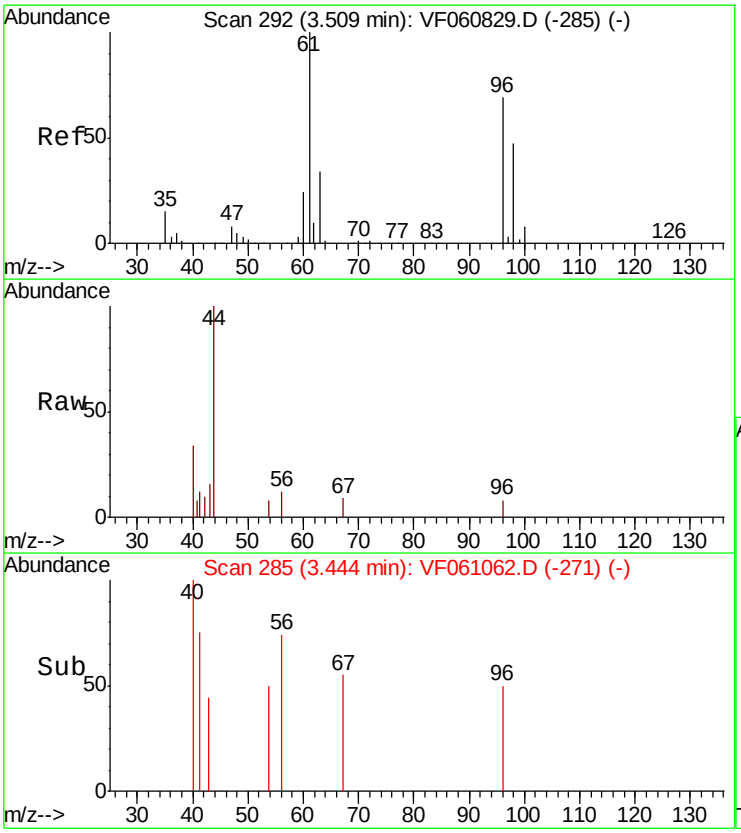
#26
2,2-Dichloropropane
Concen: 2.533 ug/l
RT: 3.59 min Scan# 300
Delta R.T. -0.05 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 77 Resp: 122

Ion	Ratio	Lower	Upper
77	100		
97	0.0	8.6	25.8#

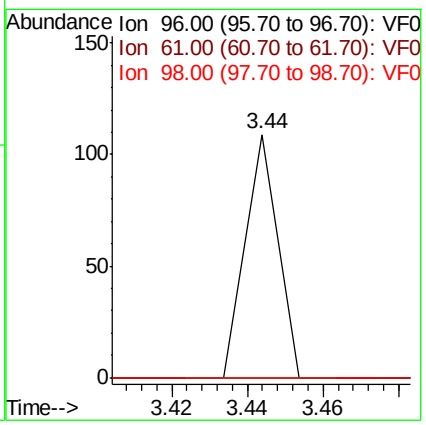


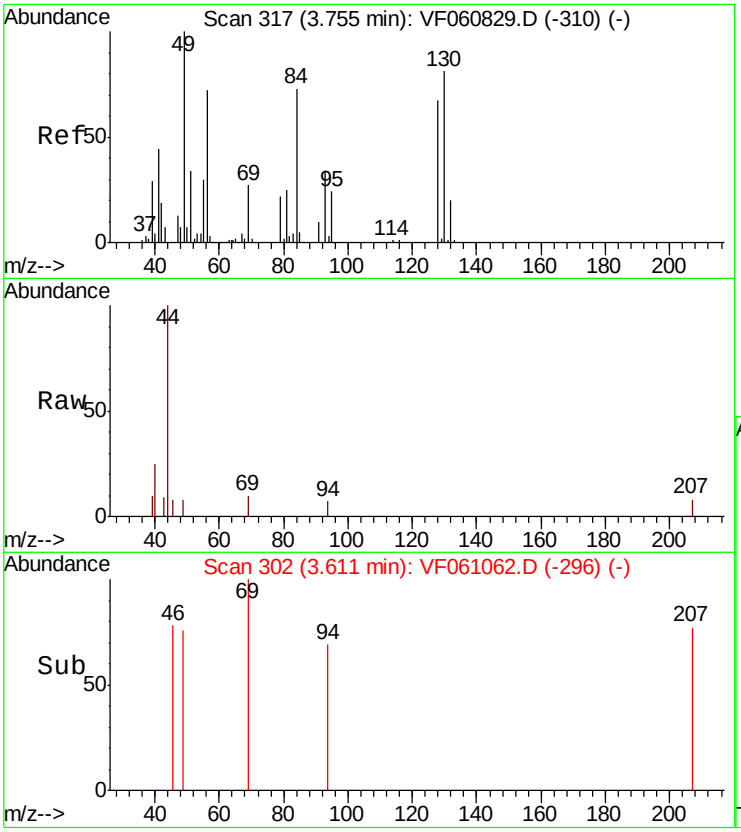


#27
cis-1,2-Dichloroethene
Concen: 1.125 ug/l
RT: 3.44 min Scan# 285
Delta R.T. -0.07 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 96 Resp: 65

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	290.6
98	0.0	0.0	137.8



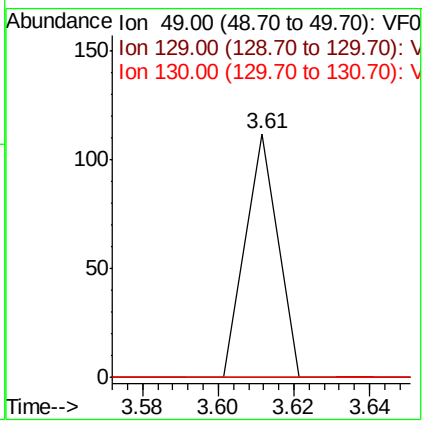


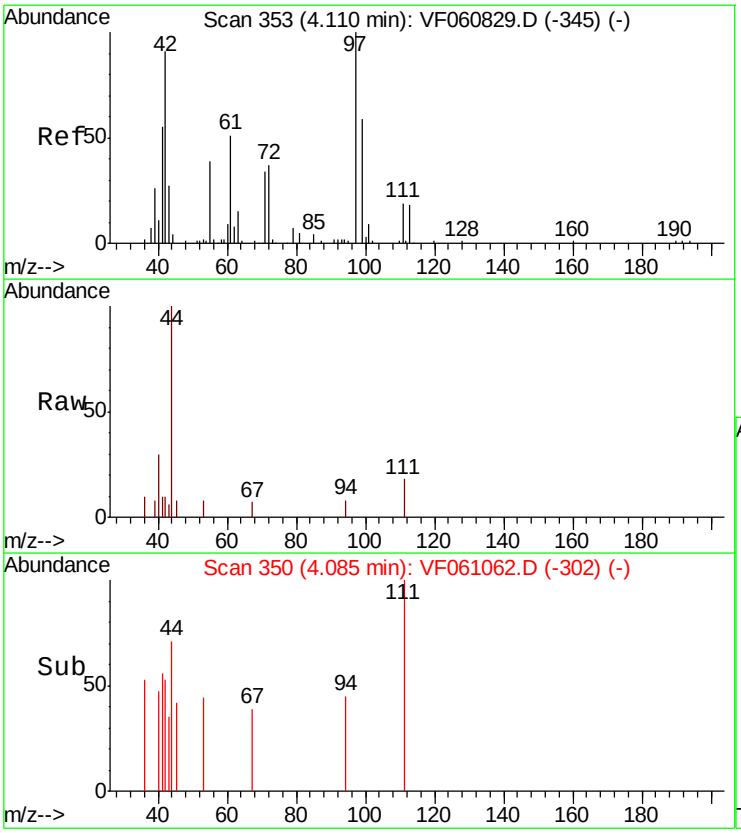
#28
Bromochloromethane
Concen: 1.851 ug/l
RT: 3.61 min Scan# 302
Delta R.T. -0.14 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 49 Resp: 66

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	0.0	64.2	96.4#

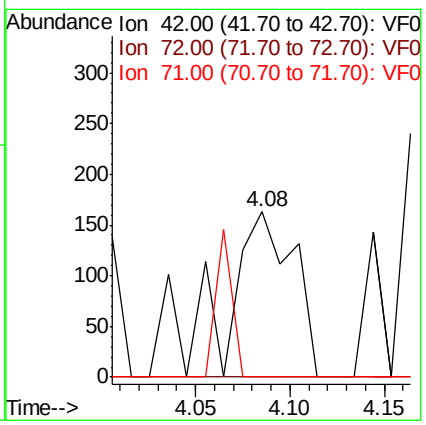


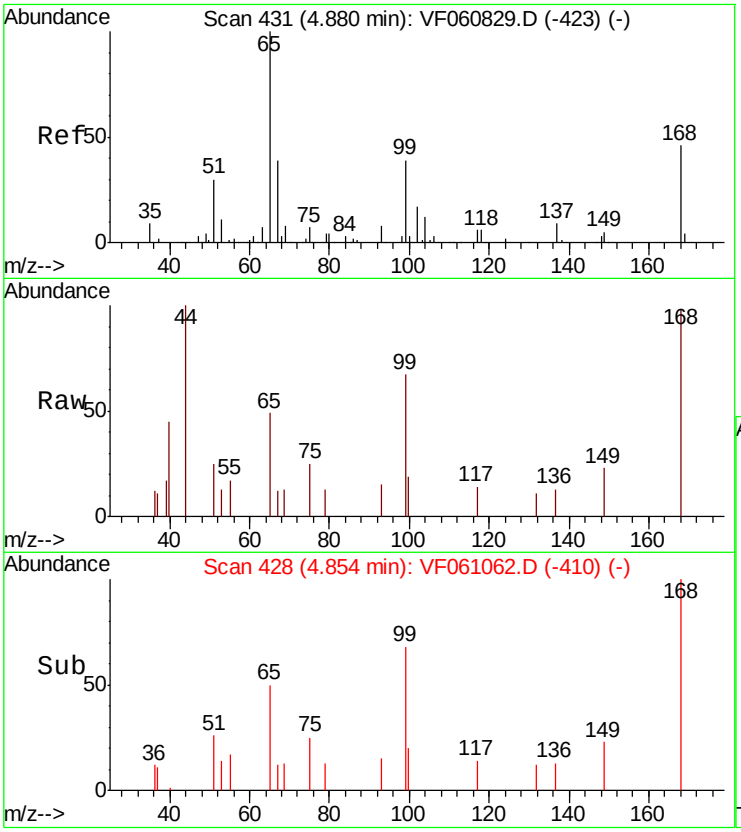


#29
Tetrahydrofuran
Concen: 51.601 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 42 Resp: 382

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	22.5	28.7	43.1#



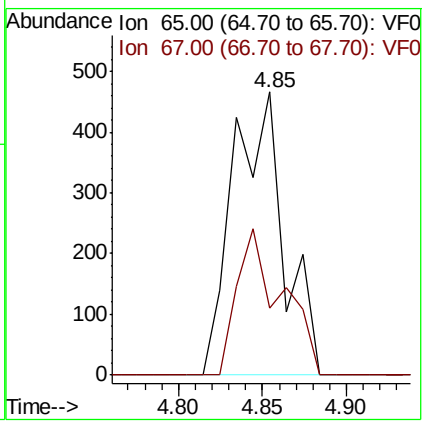


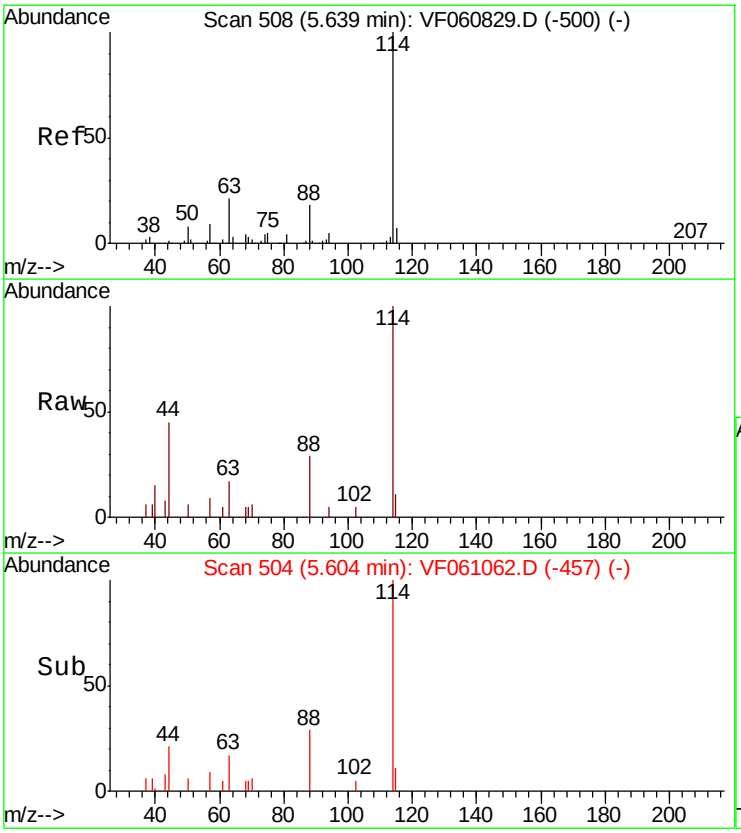
#33
1,2-Dichloroethane-d4
Concen: 17.953 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument :
MSVOA_F
ClientSampleId :
VB16202RE

Tgt Ion: 65 Resp: 983

Ion	Ratio	Lower	Upper
65	100		
67	23.8	0.0	96.4

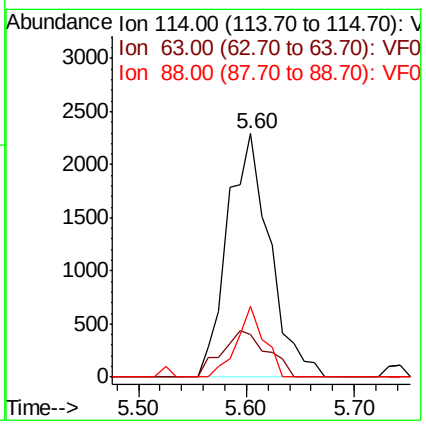


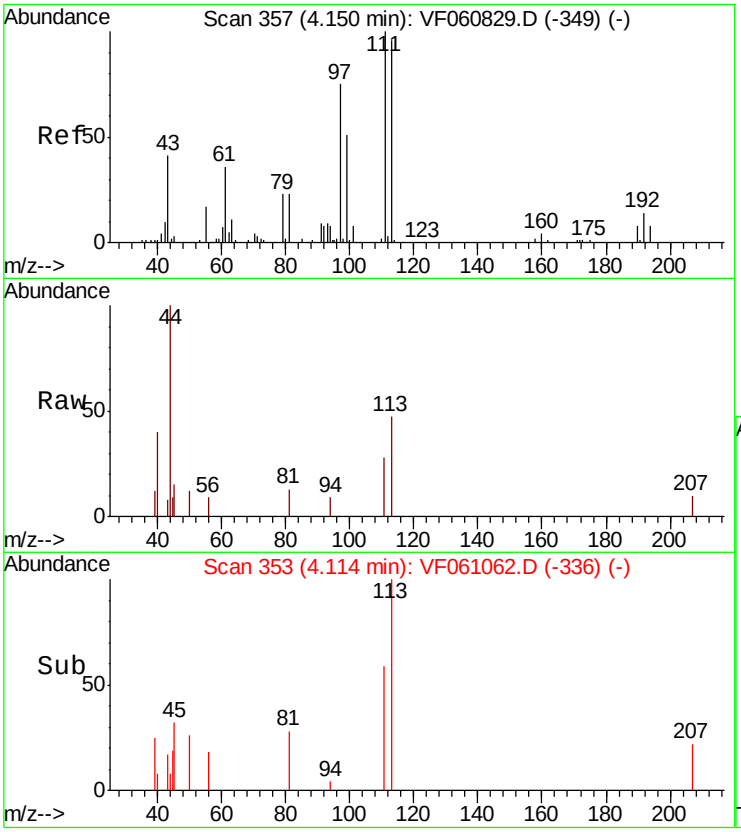


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.04 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion:114 Resp: 6245

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	41.6
88	28.9	0.0	36.6



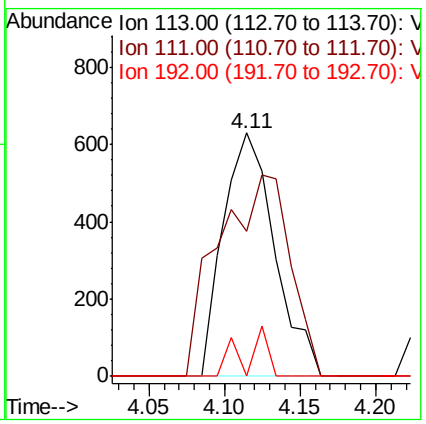


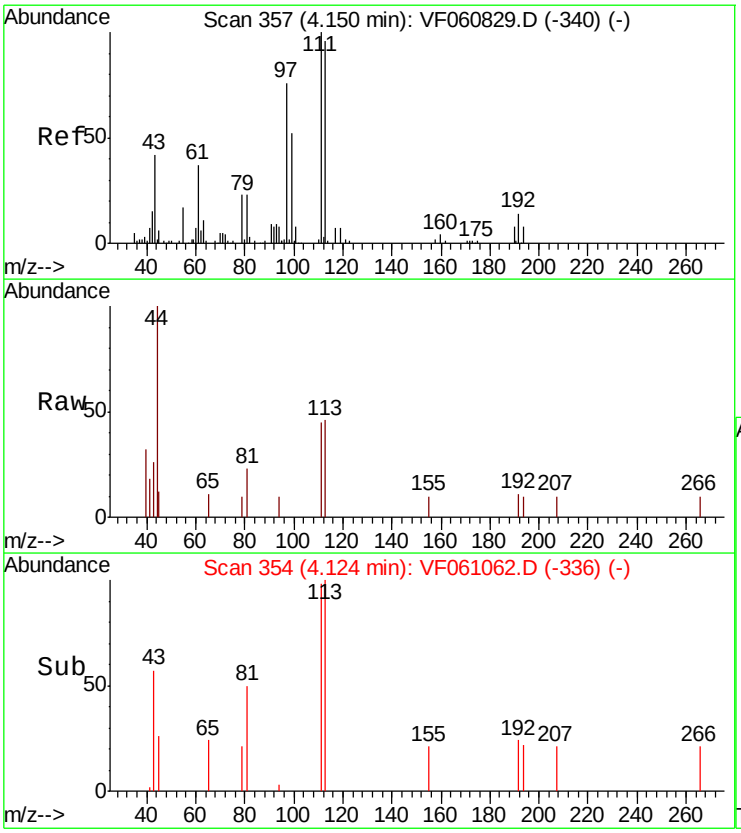
#35
Dibromofluoromethane
Concen: 30.277 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion:113 Resp: 1500

Ion	Ratio	Lower	Upper
113	100		
111	59.4	83.0	124.6#
192	0.0	12.3	18.5#

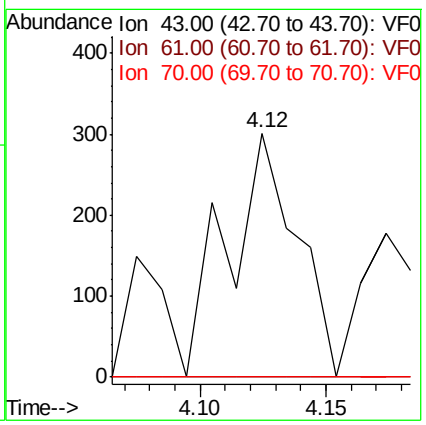


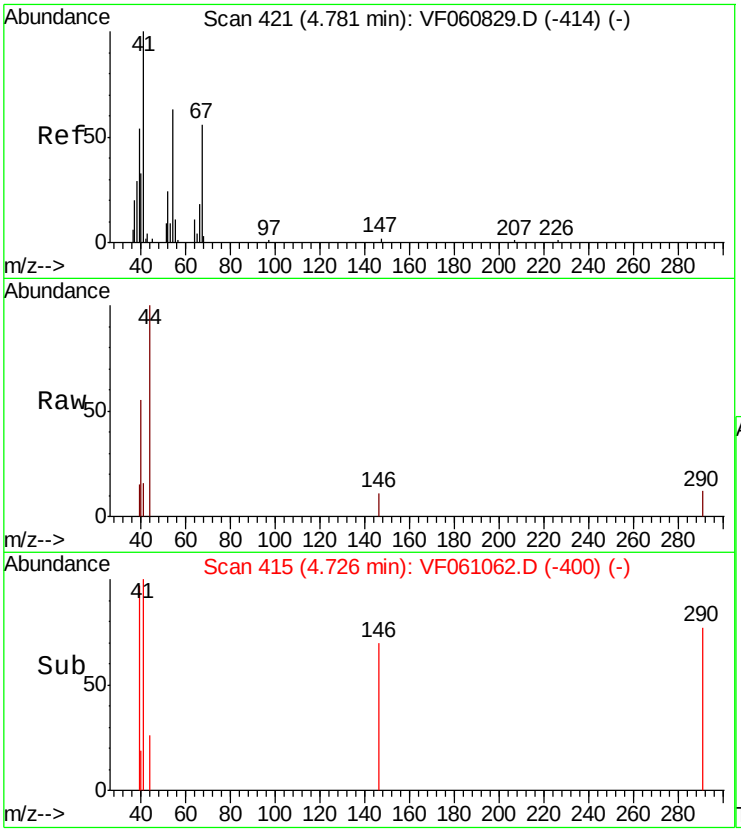


#37
Ethyl Acetate
Concen: 20.427 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.03 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 43 Resp: 575

Ion	Ratio	Lower	Upper
43	100		
61	0.0	68.6	103.0#
70	0.0	9.0	13.4#



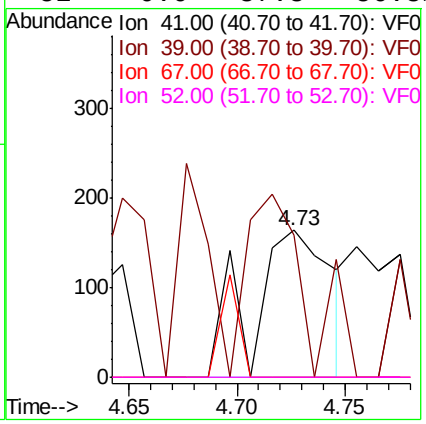


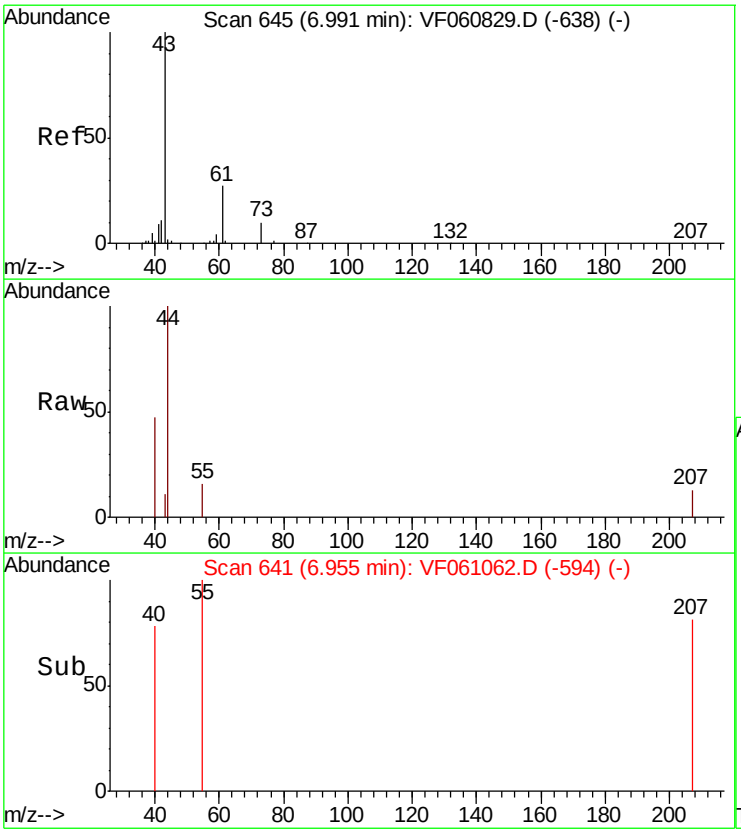
#41
Methacrylonitrile
Concen: 26.814 ug/l
RT: 4.73 min Scan# 415
Delta R.T. -0.05 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 41 Resp: 417

Ion	Ratio	Lower	Upper
41	100		
39	97.0	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#

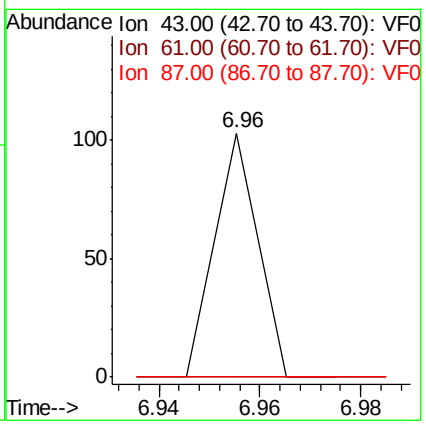


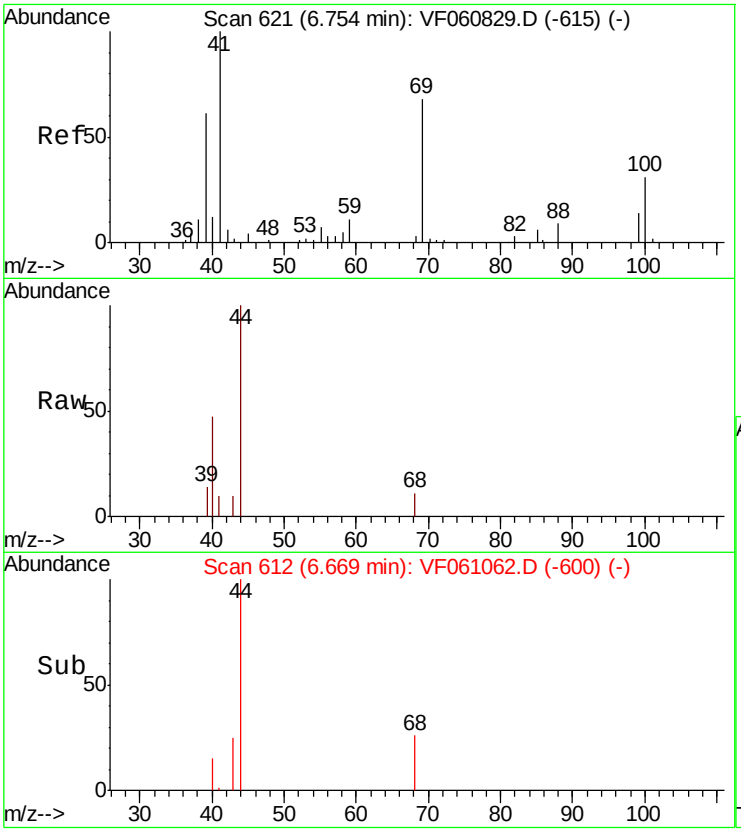


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.96 min Scan# 641
Delta R.T. -0.03 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 43 Resp: 61

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.0#
87	0.0	0.2	0.4#



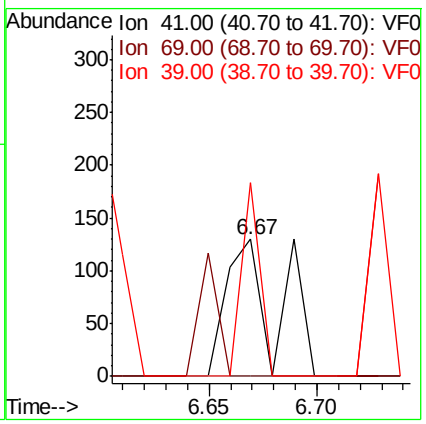


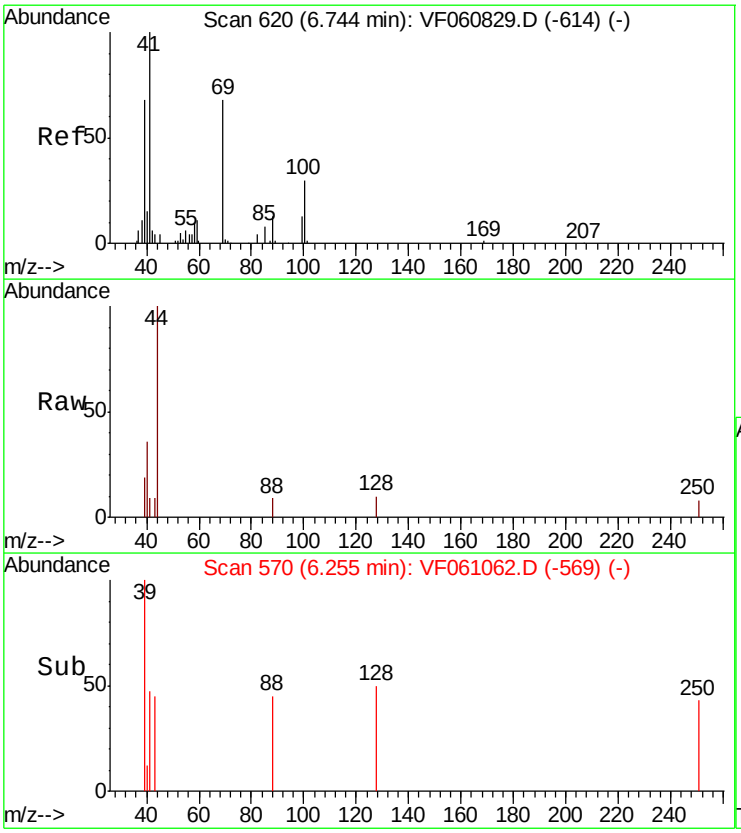
#48
Methyl methacrylate
Concen: 8.438 ug/l
RT: 6.67 min Scan# 612
Delta R.T. -0.08 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 41 Resp: 215

Ion	Ratio	Lower	Upper
41	100		
69	0.0	53.9	80.9#
39	140.8	49.0	73.6#

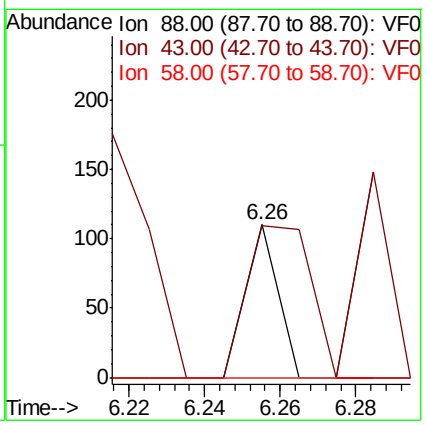


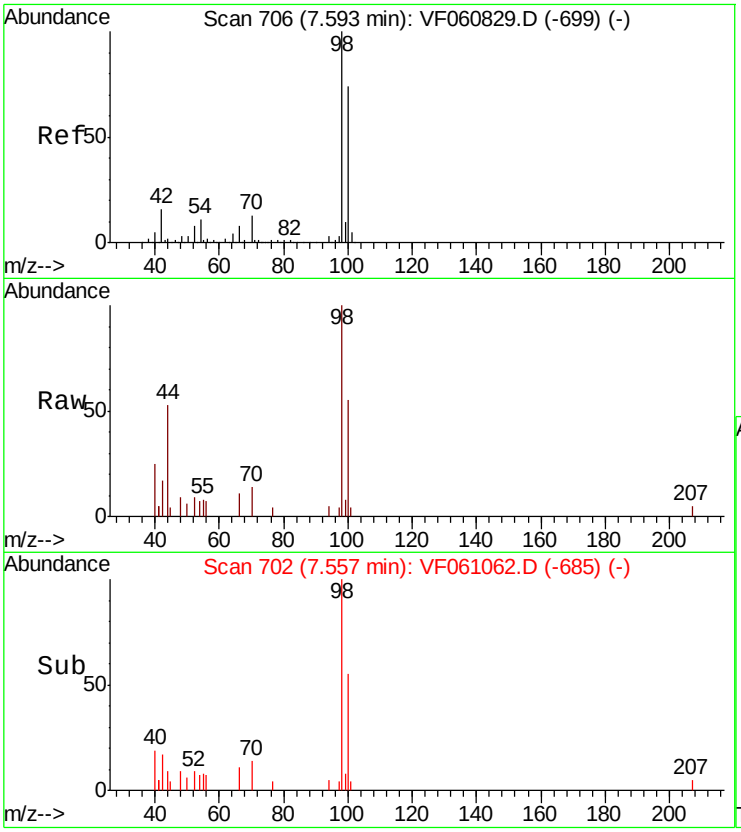


#49
1,4-Dioxane
Concen: 348.572 ug/l
RT: 6.26 min Scan# 570
Delta R.T. -0.49 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	99.1	42.0	63.0#
58	0.0	61.8	92.8#



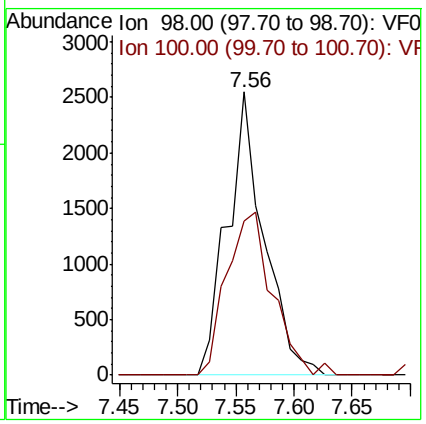


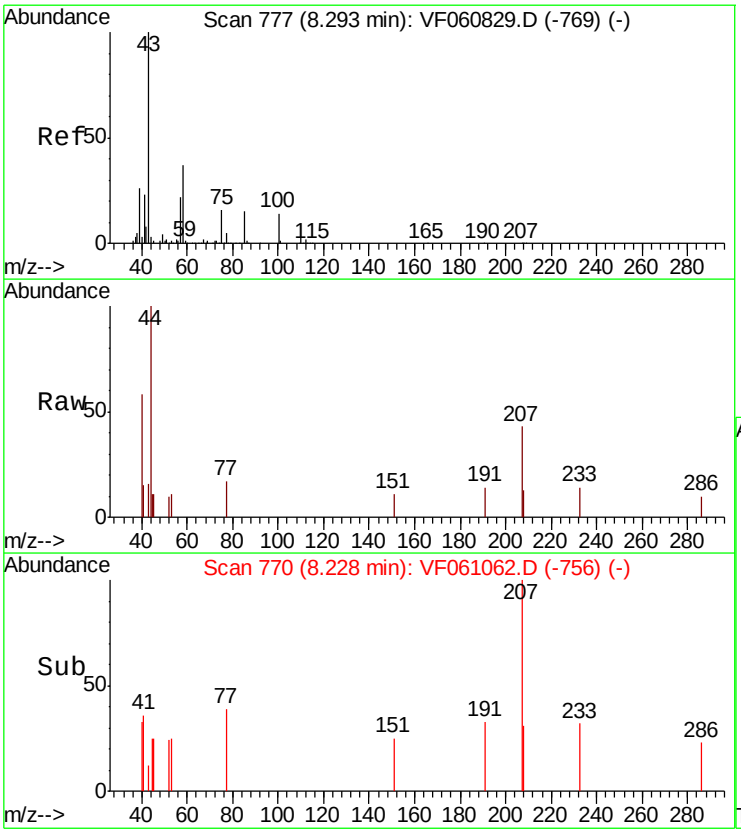
#50
Toluene-d8
Concen: 38.283 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 98 Resp: 5587

Ion	Ratio	Lower	Upper
98	100		
100	54.5	59.3	88.9#

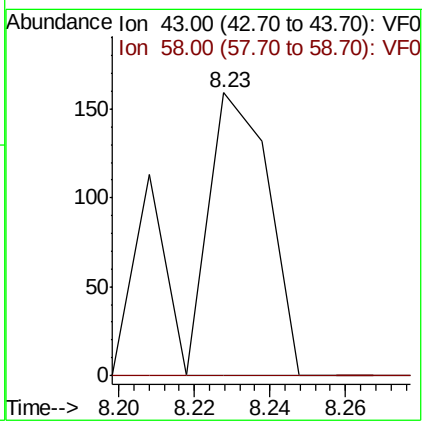


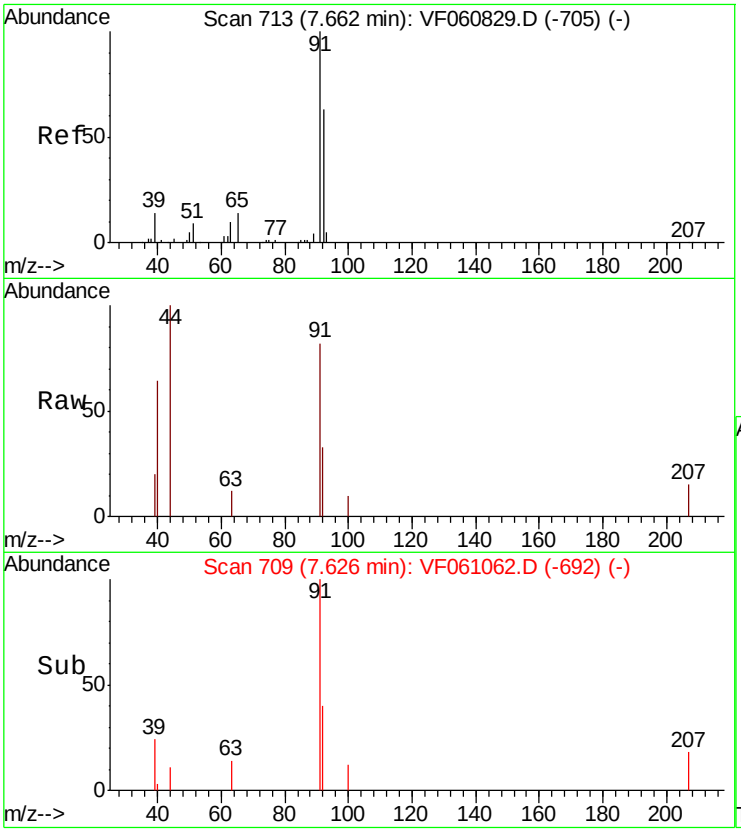


#51
4-Methyl-2-Pentanone
Concen: 6.626 ug/l
RT: 8.23 min Scan# 770
Delta R.T. -0.07 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 43 Resp: 172

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#



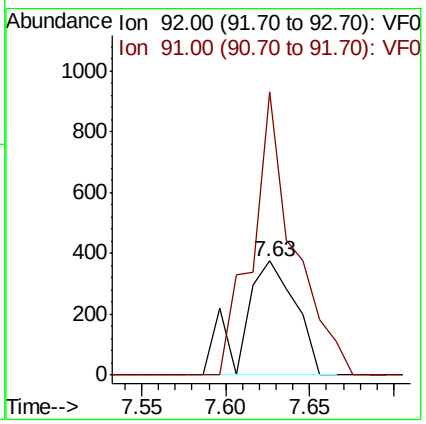


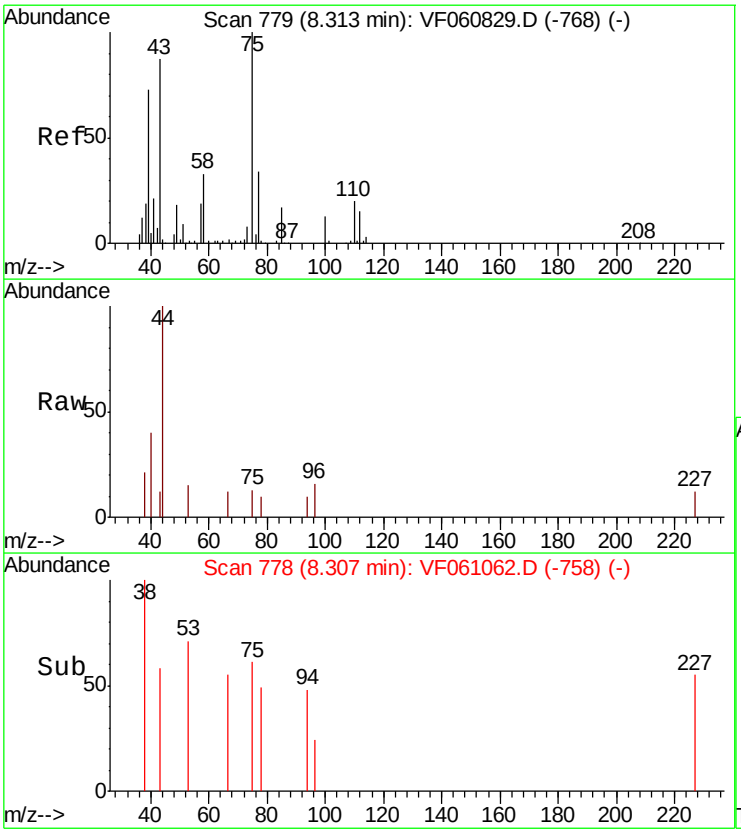
#52
Toluene
Concen: 7.564 ug/l
RT: 7.63 min Scan# 709
Delta R.T. -0.04 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 92 Resp: 813

Ion	Ratio	Lower	Upper
92	100		
91	248.7	126.2	189.2#

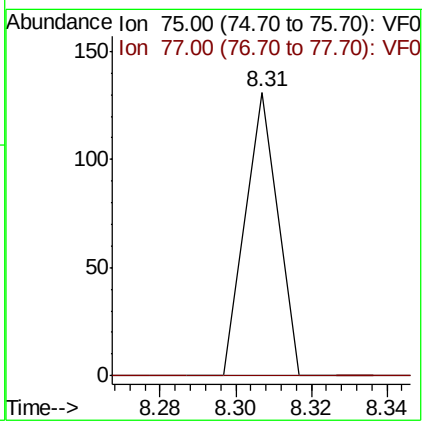


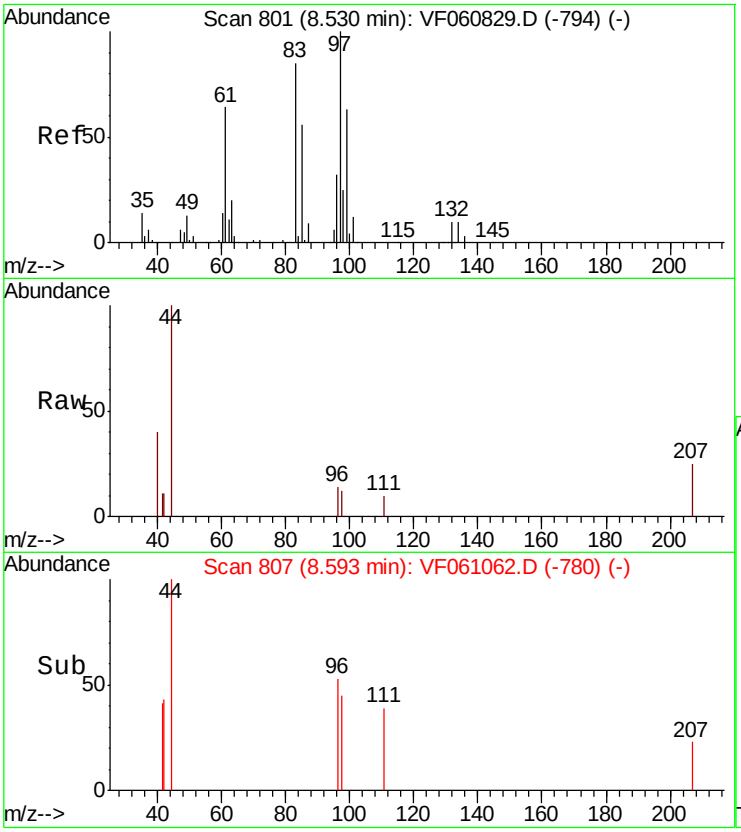


#53
t-1,3-Dichloropropene
Concen: 1.339 ug/l
RT: 8.31 min Scan# 778
Delta R.T. -0.01 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 75 Resp: 78

Ion	Ratio	Lower	Upper
75	100		
77	0.0	27.4	41.2#



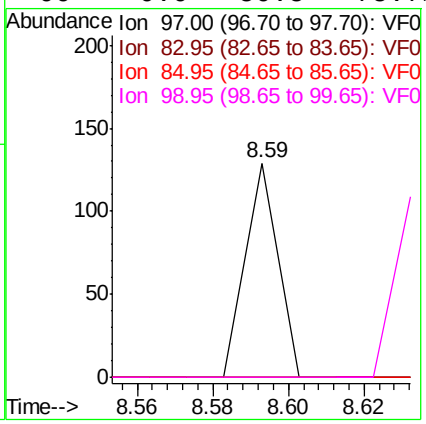


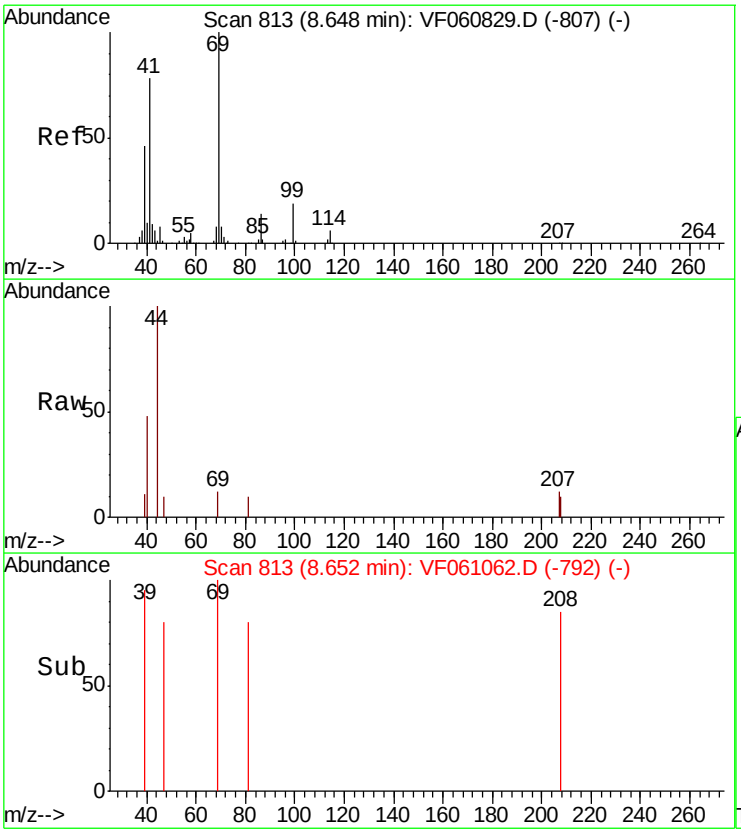
#55
1,1,2-Trichloroethane
Concen: 2.427 ug/l
RT: 8.59 min Scan# 807
Delta R.T. 0.06 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 97 Resp: 76

Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.8	101.6#
85	0.0	45.0	67.6#
99	0.0	50.5	75.7#

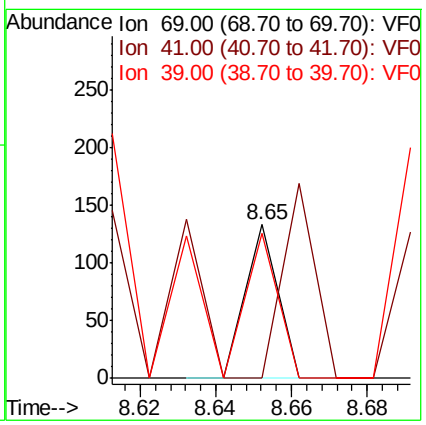


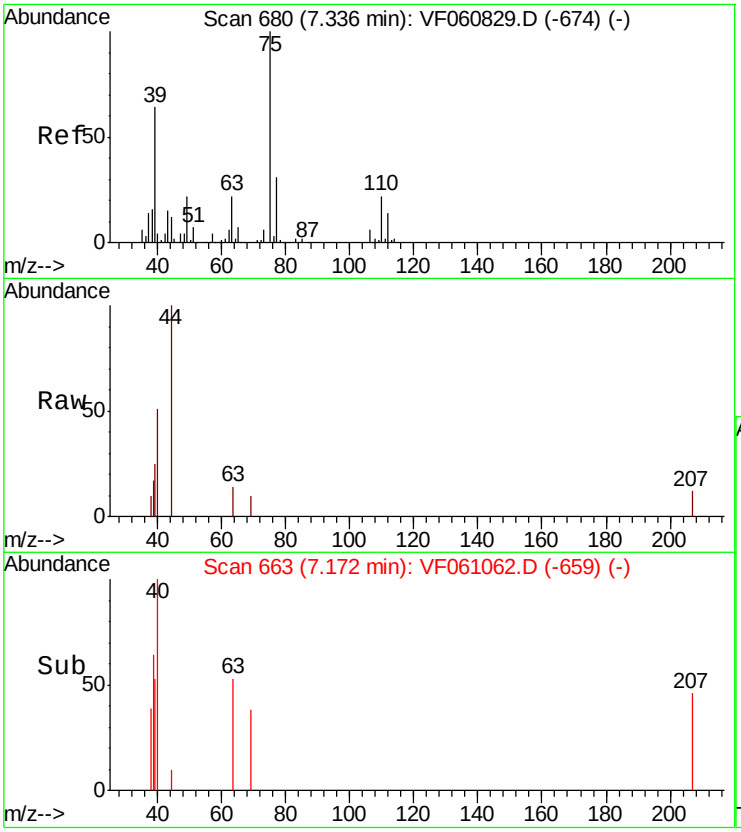


#56
Ethyl methacrylate
Concen: 2.271 ug/l
RT: 8.65 min Scan# 813
Delta R.T. 0.00 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 69 Resp: 79

Ion	Ratio	Lower	Upper
69	100		
41	0.0	62.6	94.0#
39	94.7	37.8	56.6#



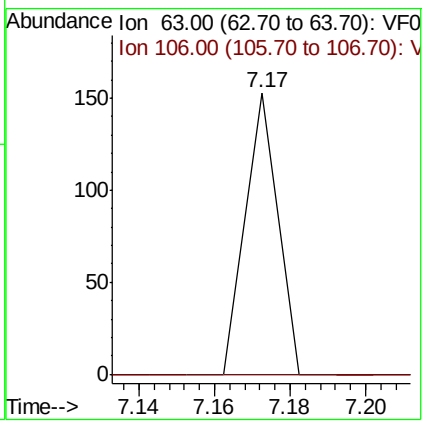


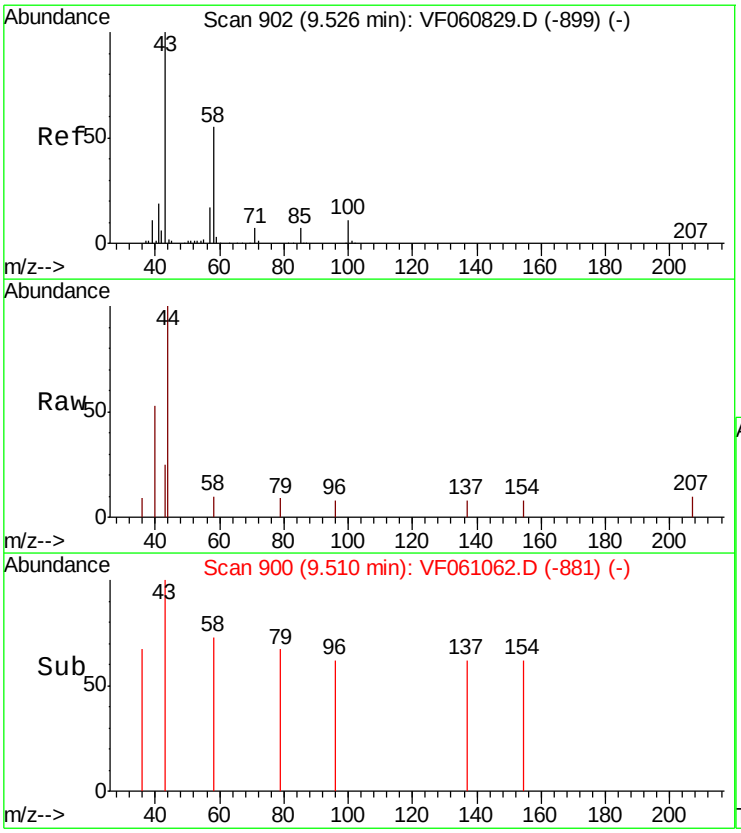
#58
2-Chloroethyl Vinyl ether
Concen: 25.570 ug/l
RT: 7.17 min Scan# 663
Delta R.T. -0.16 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument :
MSVOA_F
ClientSampleId :
VB16202RE

Tgt Ion: 63 Resp: 91

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.0	34.6#

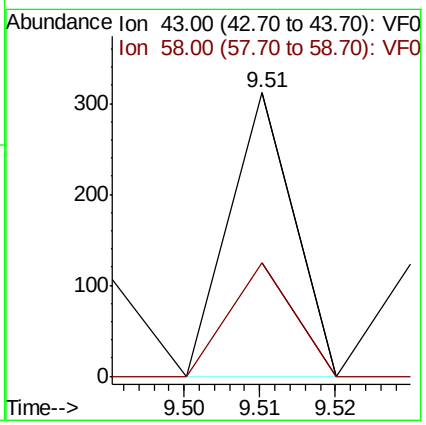


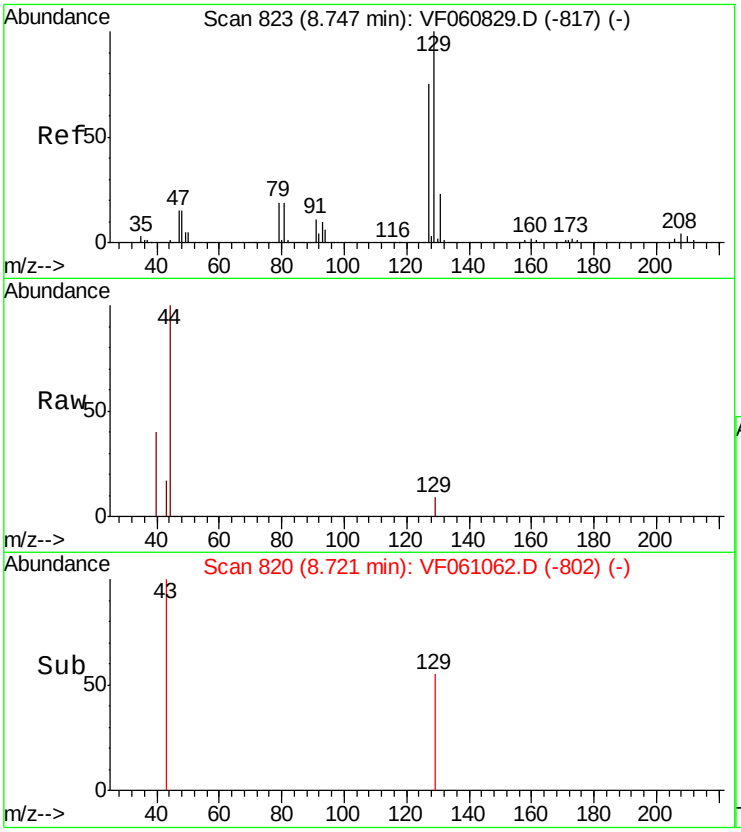


#59
2-Hexanone
Concen: 10.159 ug/l
RT: 9.51 min Scan# 900
Delta R.T. -0.02 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 43 Resp: 185

Ion	Ratio	Lower	Upper
43	100		
58	40.1	25.6	76.6



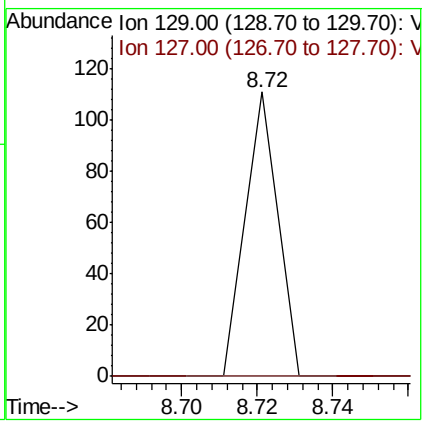


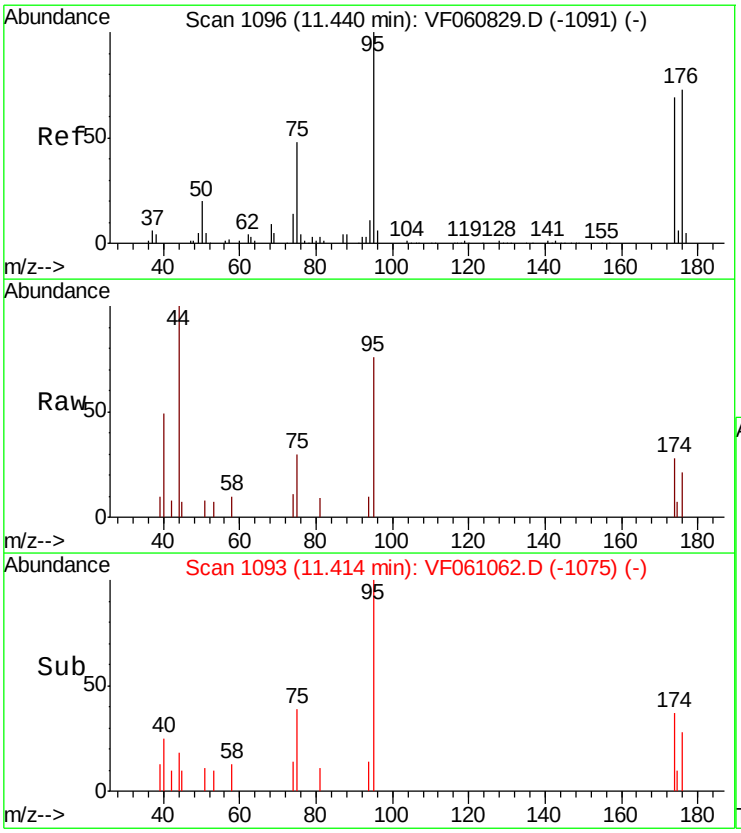
#60
Dibromochloromethane
Concen: 1.414 ug/l
RT: 8.72 min Scan# 820
Delta R.T. -0.03 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion:129 Resp: 66

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.3	111.9#

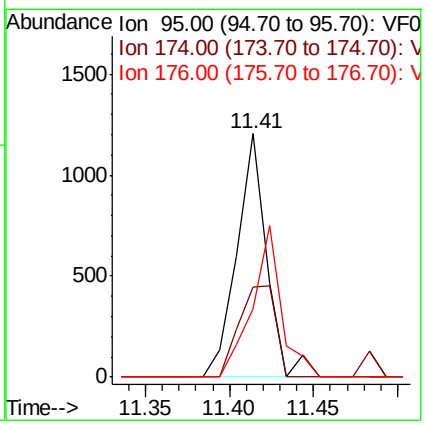


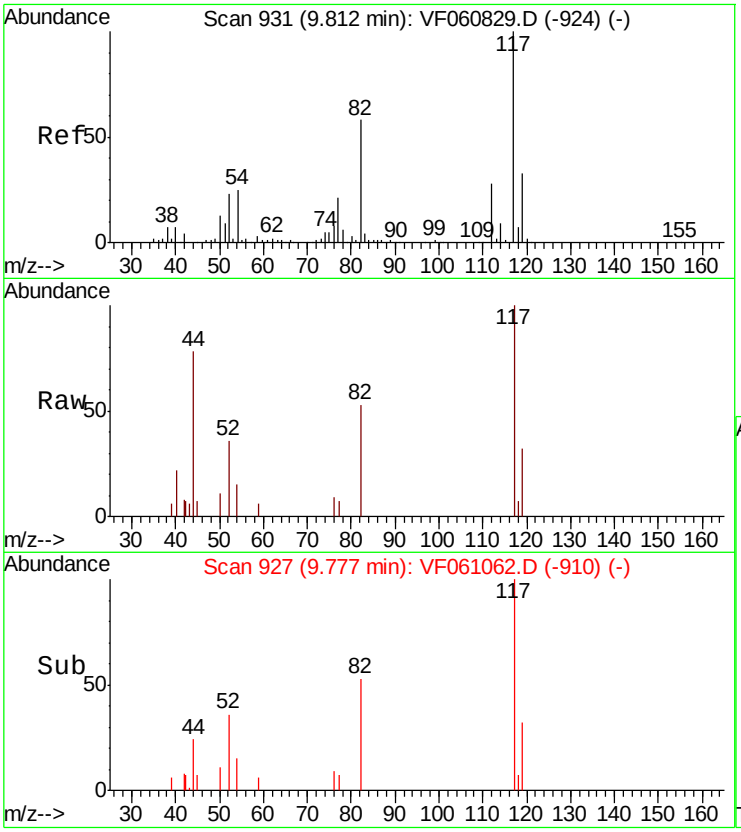


#62
4-Bromofluorobenzene
Concen: 22.449 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 95 Resp: 1489

Ion	Ratio	Lower	Upper
95	100		
174	46.6	0.0	138.2
176	27.9	0.0	146.2



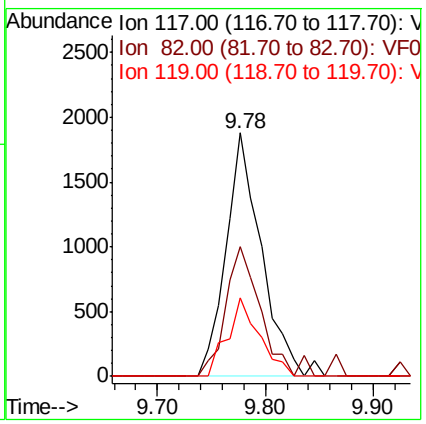


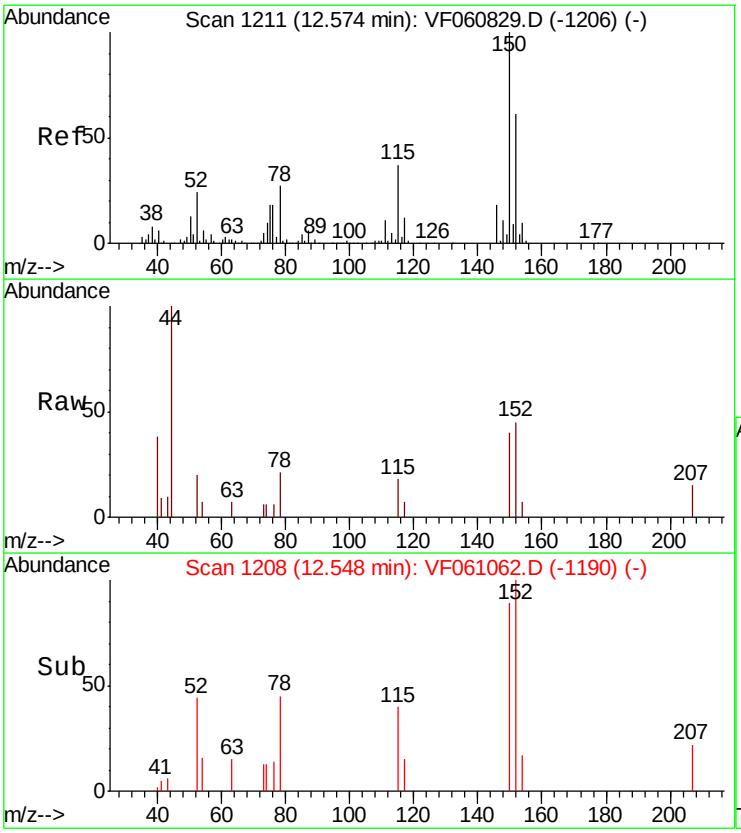
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion:117 Resp: 4303

Ion	Ratio	Lower	Upper
117	100		
82	53.4	46.6	69.8
119	32.0	26.4	39.6

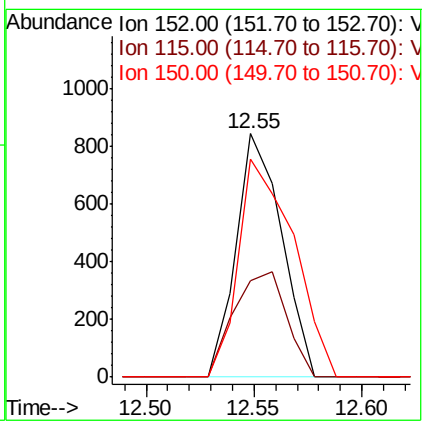


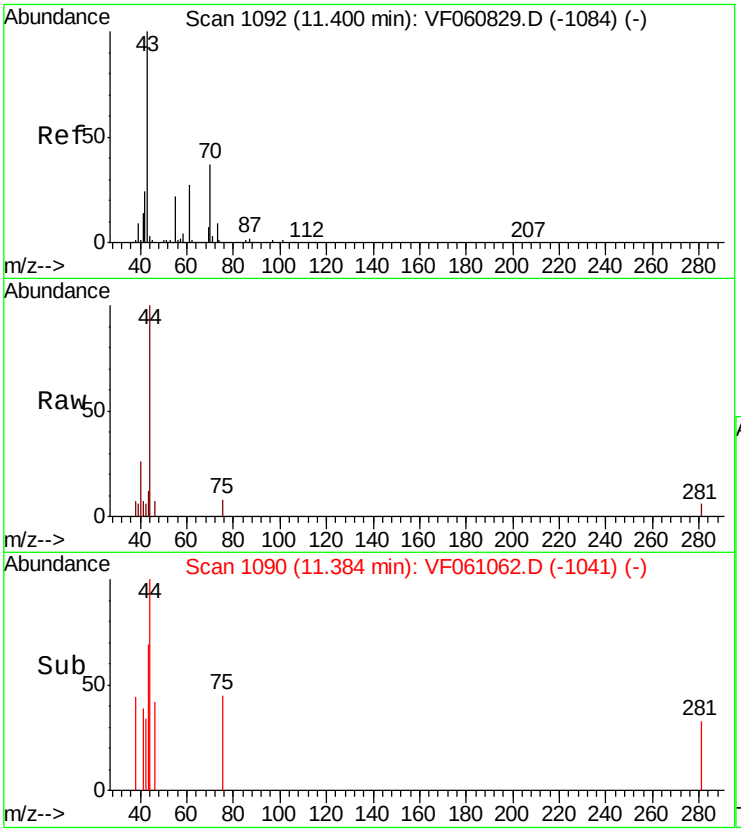


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion:152 Resp: 1235

Ion	Ratio	Lower	Upper
152	100		
115	39.9	30.1	90.5
150	89.3	0.0	327.6



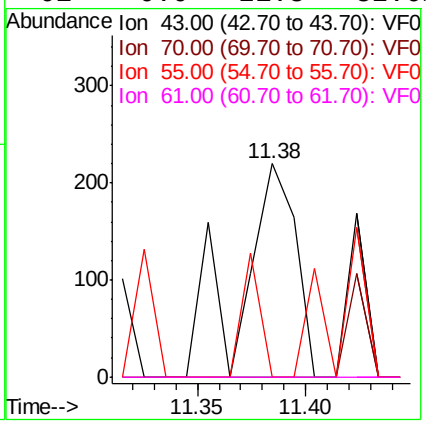


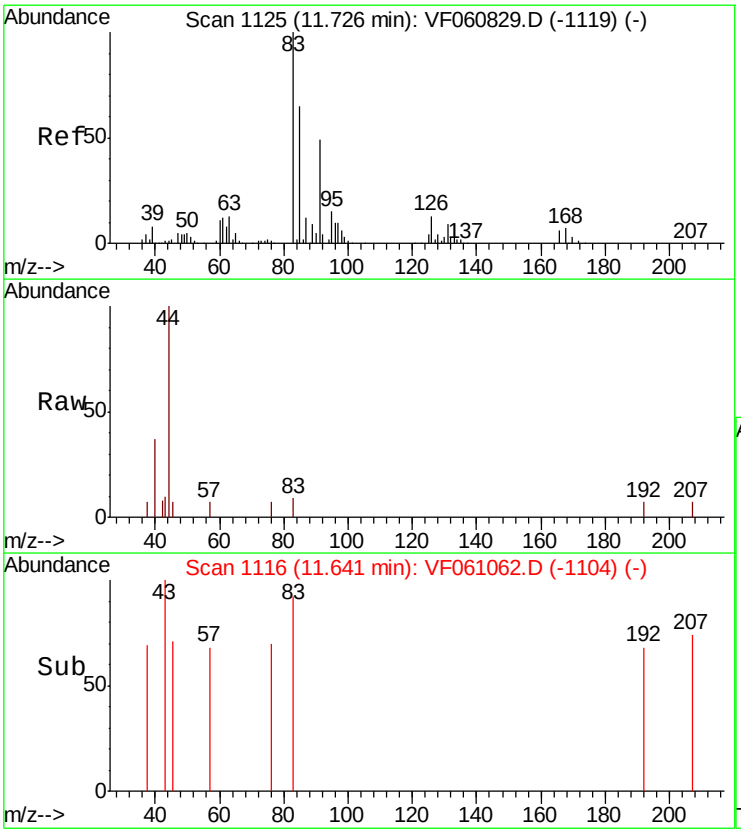
#74
N-amyl acetate
Concen: 17.083 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. -0.02 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 43 Resp: 385

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.6	44.4#
55	0.0	17.2	25.8#
61	0.0	21.8	32.6#

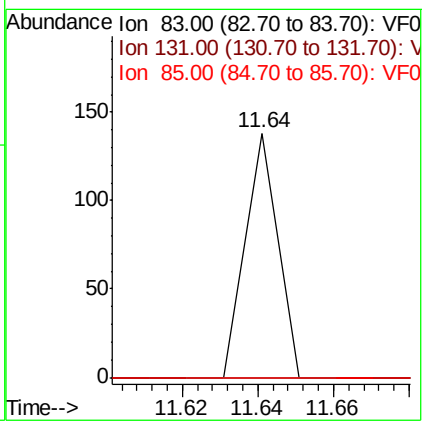


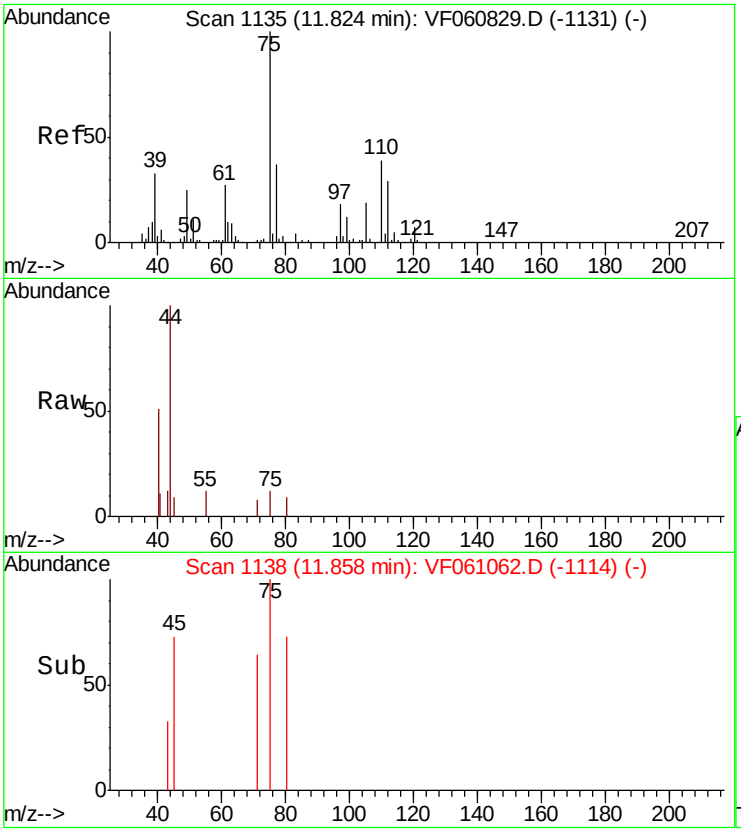


#75
1,1,2,2-Tetrachloroethane
Concen: 5.105 ug/l
RT: 11.64 min Scan# 1116
Delta R.T. -0.08 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 83 Resp: 82

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.1#
85	0.0	32.6	97.8#



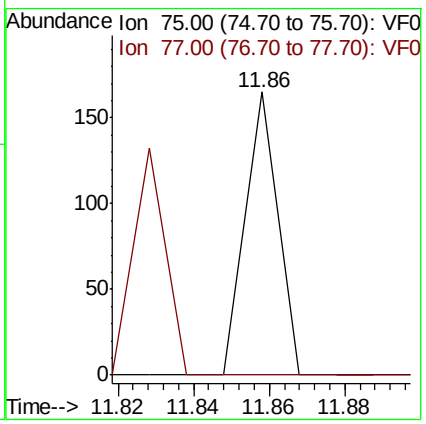


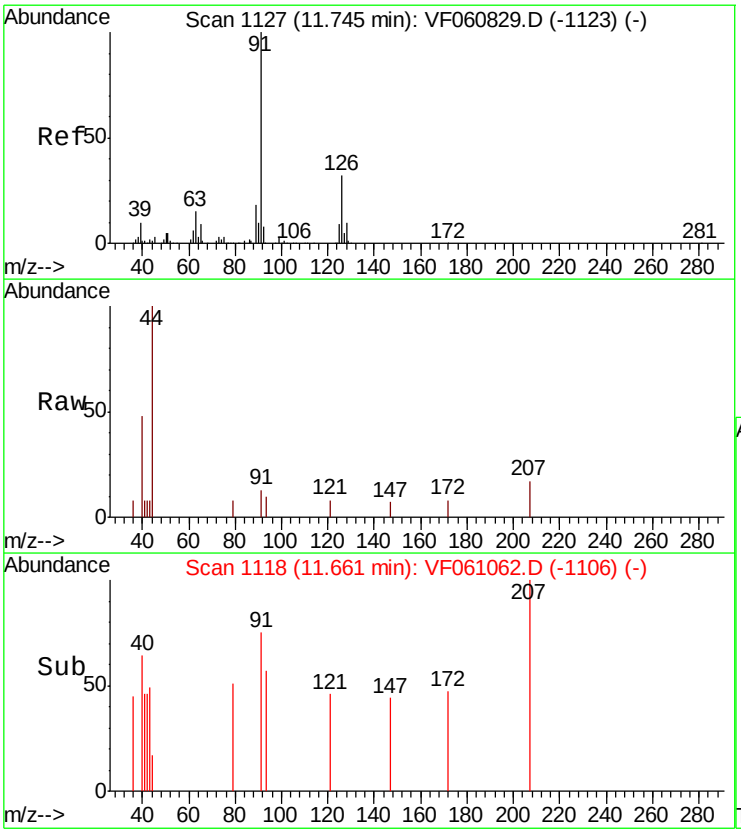
#76
1,2,3-Trichloropropane
Concen: 8.394 ug/l
RT: 11.86 min Scan# 1138
Delta R.T. 0.03 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 75 Resp: 98

Ion	Ratio	Lower	Upper
75	100		
77	0.0	18.4	55.4#

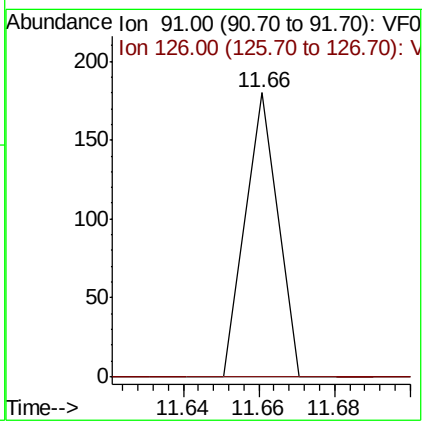


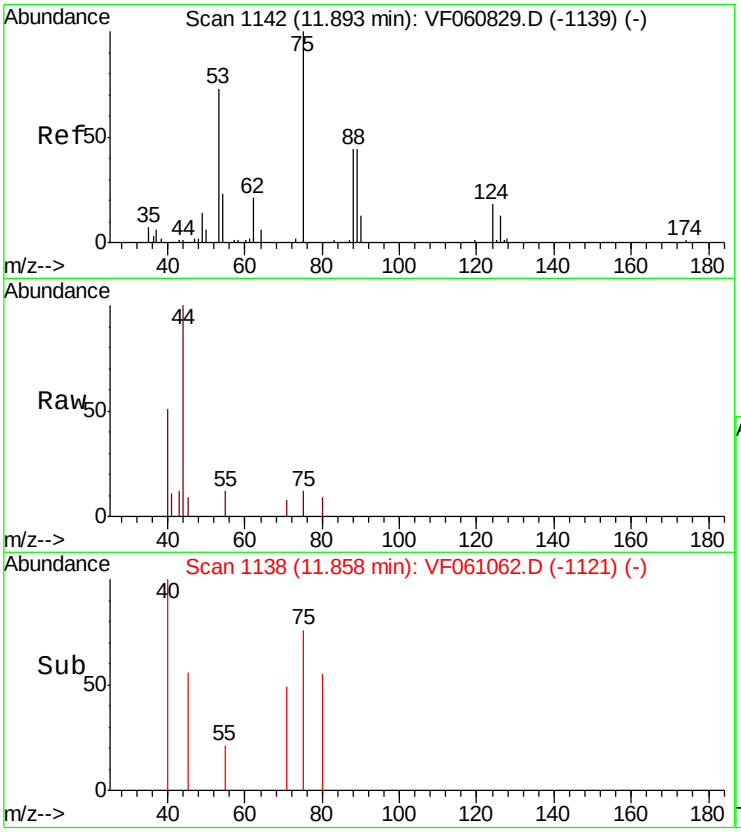


#79
2-Chlorotoluene
Concen: 1.633 ug/l
RT: 11.66 min Scan# 1118
Delta R.T. -0.08 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 91 Resp: 107

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.9	47.6#



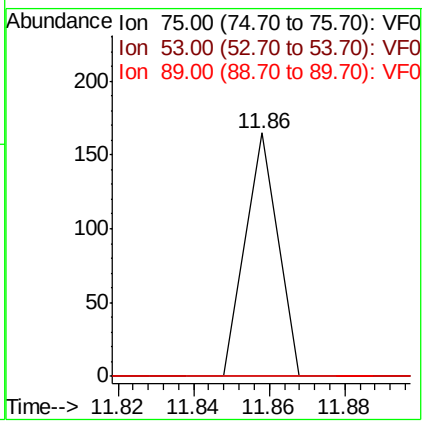


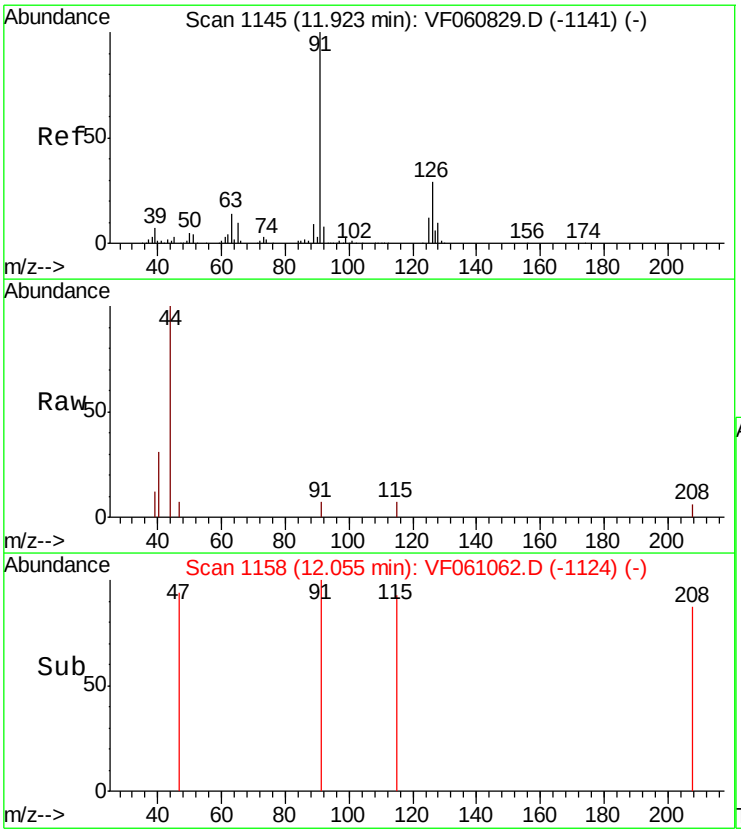
#81
trans-1,4-Dichloro-2-butene
Concen: 17.132 ug/l
RT: 11.86 min Scan# 1138
Delta R.T. -0.04 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 75 Resp: 98

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.9	98.9#
89	0.0	38.8	58.2#

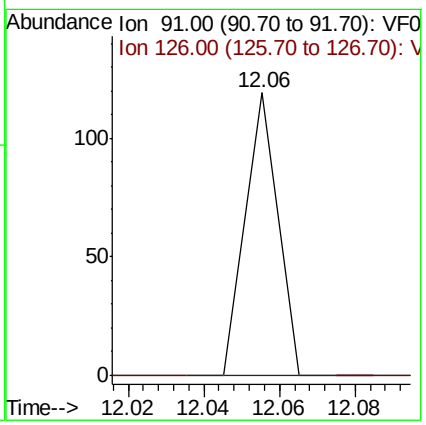


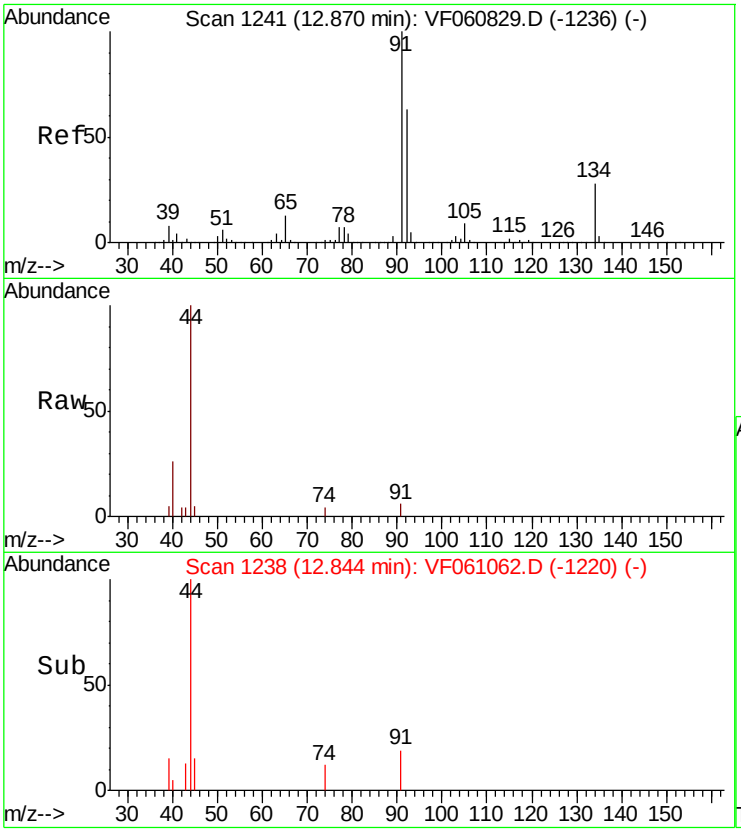


#82
4-Chlorotoluene
Concen: 1.015 ug/l
RT: 12.06 min Scan# 1158
Delta R.T. 0.13 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 91 Resp: 70

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.8	44.4#



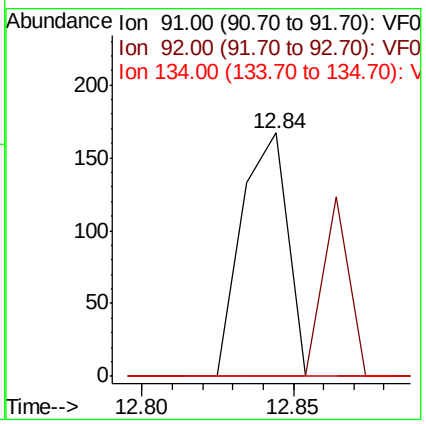


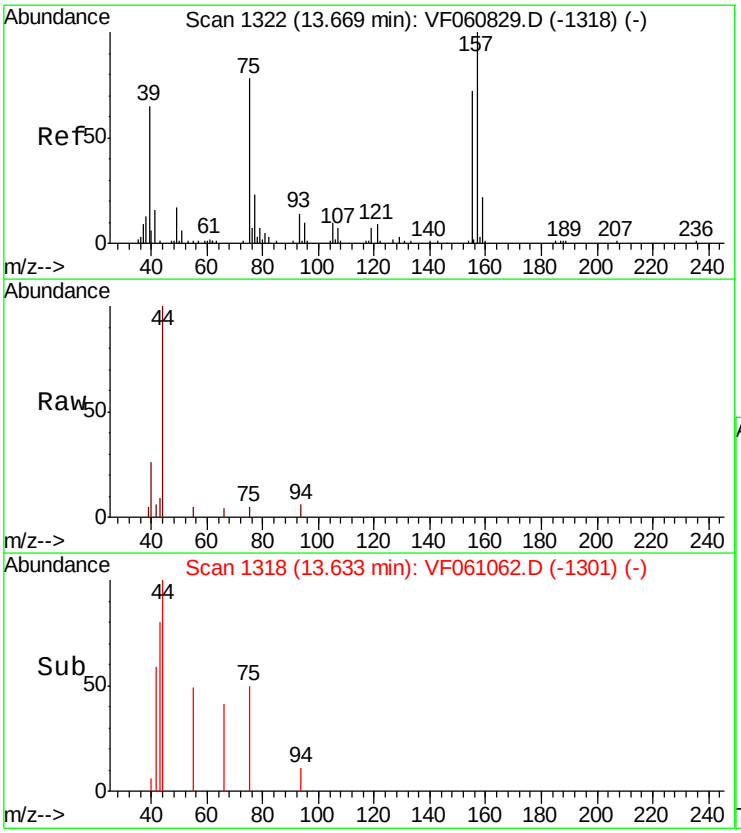
#89
n-Butylbenzene
Concen: 1.900 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.03 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion: 91 Resp: 178

Ion	Ratio	Lower	Upper
91	100		
92	0.0	31.6	94.7#
134	0.0	13.8	41.4#

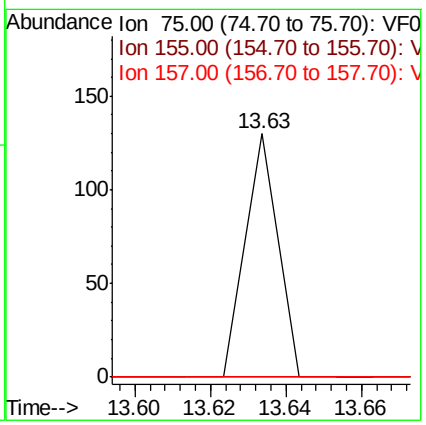


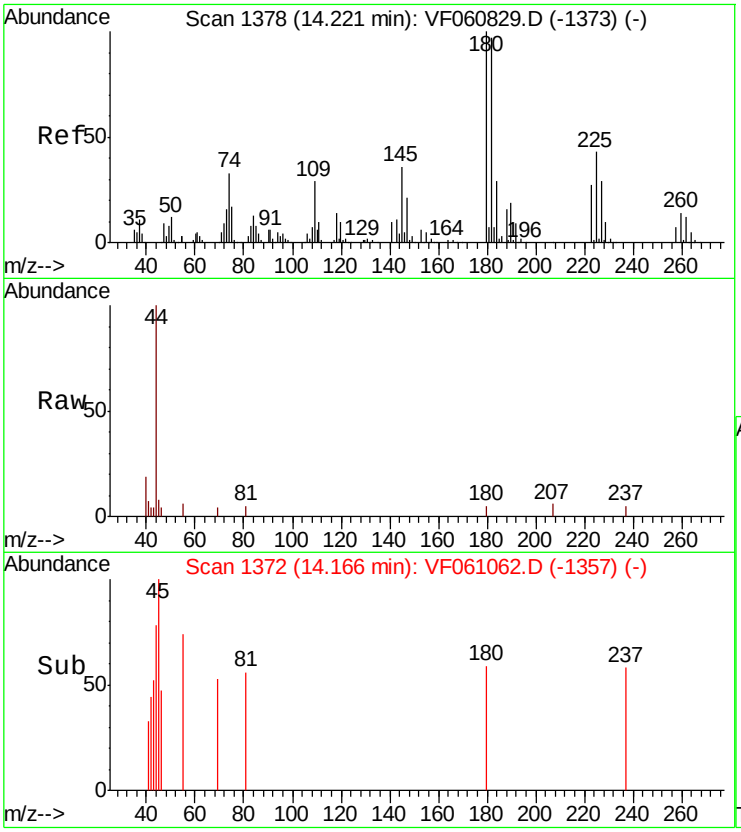


#92
1,2-Dibromo-3-Chloropropane
Concen: 24.795 ug/l
RT: 13.63 min Scan# 1318
Delta R.T. -0.04 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion: 75 Resp: 77

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.6	136.9#
157	0.0	63.8	191.5#



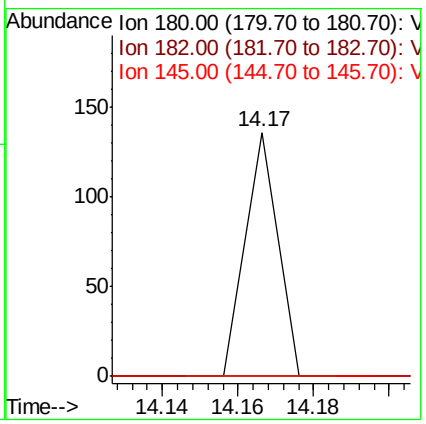


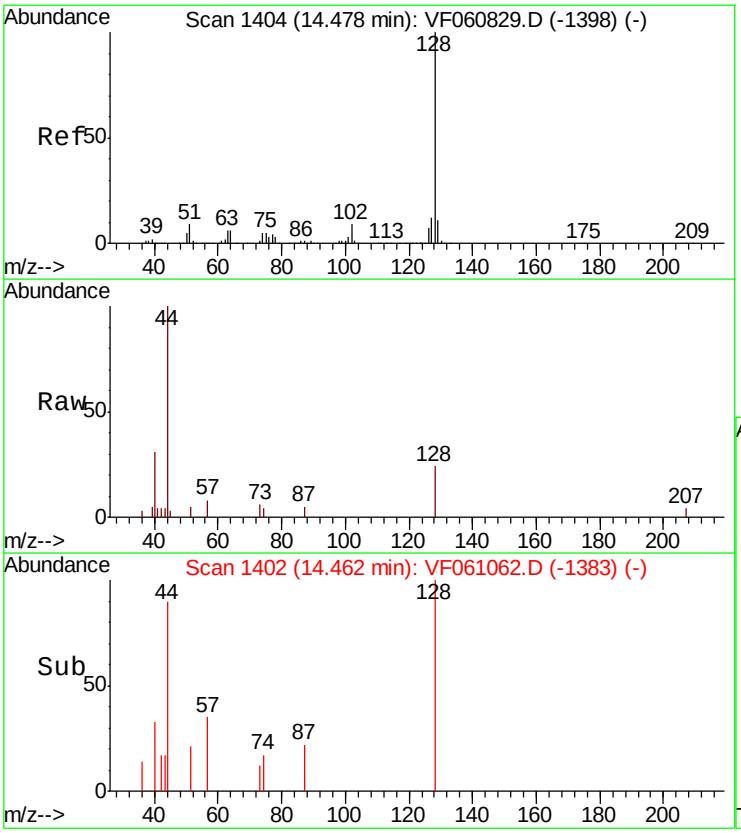
#93
1,2,4-Trichlorobenzene
Concen: 2.971 ug/l
RT: 14.17 min Scan# 1372
Delta R.T. -0.06 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Instrument : MSVOA_F
ClientSampleId : VB16202RE

Tgt Ion:180 Resp: 80

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.5	145.5#
145	0.0	18.1	54.3#





#95
Naphthalene
Concen: 13.456 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF061062.D
Acq: 18 Dec 2018 14:58

Tgt Ion:128 Resp: 837

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.9	14.9#
129	0.0	9.1	13.7#