Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF060519\
Data File : VF062867.D
Acq On : 5 Jun 2019 16:06
Operator : FY/SY
Sample : K3183-11RE
Misc : 5.87g/5mL/MSVOA_F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 06 08:02:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	29780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	32773	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.93	117	15021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	449	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	3387	16.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 32.90%			
35) Dibromofluoromethane	4.32	113	6627	26.76	ug/l	-0.01
Spiked Amount 50.000			Recovery = 53.52%			
50) Toluene-d8	7.73	98	19943	31.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 63.70%			
62) 4-Bromofluorobenzene	11.52	95	786	3.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 6.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.91	85	214	Below Cal		71
3) Chloromethane	1.23	50	1027	3.333	ug/l	96
4) Vinyl Chloride	1.33	62	313	1.022	ug/l	94
5) Bromomethane	1.42	94	553	3.167	ug/l	85
6) Chloroethane	1.30	64	355	3.101	ug/l	93
8) Diethyl Ether	1.74	74	160	1.876	ug/l	94
11) Tert butyl alcohol	2.73	59	371	29.739	ug/l #	25
12) 1,1-Dichloroethene	1.91	96	921	3.722	ug/l #	26
13) Acrolein	2.08	56	646	125.550	ug/l #	64
14) Allyl chloride	2.23	41	1199	6.245	ug/l #	61
15) Acrylonitrile	3.12	53	431	9.194	ug/l #	81
16) Acetone	2.26	43	1020	21.641	ug/l	93
18) Methyl Acetate	2.40	43	1134	13.768	ug/l	91
19) Methyl tert-butyl Ether	2.55	73	1338	2.984	ug/l #	85
20) Methylene Chloride	2.37	84	401	Below Cal	#	78
21) trans-1,2-Dichloroethene	2.41	96	620	2.499	ug/l #	30
22) Diisopropyl ether	2.92	45	936	1.716	ug/l #	51
25) 2-Butanone	4.50	43	384	3.498	ug/l #	48
29) Tetrahydrofuran	4.31	42	380	9.052	ug/l #	38
30) Chloroform	4.06	83	875	1.524	ug/l #	15
31) Cyclohexane	3.89	56	587	1.065	ug/l #	41
37) Ethyl Acetate	4.32	43	1915	16.604	ug/l #	40
38) Carbon Tetrachloride	4.18	117	352	1.726	ug/l #	1
41) Methacrylonitrile	4.94	41	437	6.816	ug/l #	64
42) 1,2-Dichloroethane	5.16	62	519	3.108	ug/l	69
43) Isopropyl Acetate	7.11	43	1319	8.657	ug/l #	38
45) 1,2-Dichloropropane	6.44	63	366	1.661	ug/l #	85
48) Methyl methacrylate	6.88	41	672	8.559	ug/l #	42
49) 1,4-Dioxane	6.87	88	422	407.748	ug/l #	16
51) 4-Methyl-2-Pentanone	8.41	43	1107	10.177	ug/l #	32
53) t-1,3-Dichloropropene	8.42	75	436	2.008	ug/l #	2
55) 1,1,2-Trichloroethane	8.62	97	379	2.682	ug/l #	33
56) Ethyl methacrylate	8.78	69	195	1.286	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.45	63	92	1.736	ug/l #	51

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060519\
Data File : VF062867.D
Acq On : 5 Jun 2019 16:06
Operator : FY/SY
Sample : K3183-11RE
Misc : 5.87g/5mL/MSVOA F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 06 08:02:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
59) 2-Hexanone	9.61	43	1385	17.864 ug/l		71
60) Dibromochloromethane	8.74	129	235	1.343 ug/l		85
61) 1,2-Dibromoethane	8.99	107	170	1.159 ug/l		99
64) Tetrachloroethene	8.33	164	159	1.377 ug/l	#	16
65) Chlorobenzene	9.97	112	420	1.448 ug/l	#	60
66) 1,1,1,2-Tetrachloroethane	10.10	131	517	4.475 ug/l	#	36
67) Ethyl Benzene	10.02	91	698	1.402 ug/l	#	54
71) Bromoform	10.96	173	63	1.137 ug/l	#	28
73) Isopropylbenzene	11.19	105	269	8.586 ug/l		91
74) N-amyl acetate	11.49	43	1077	121.971 ug/l	#	33
75) 1,1,2,2-Tetrachloroethane	11.77	83	296	44.242 ug/l	#	53
76) 1,2,3-Trichloropropane	11.75	75	270	60.882 ug/l		91
77) Bromobenzene	11.54	156	96	12.195 ug/l		84
78) n-propylbenzene	11.71	91	323	8.539 ug/l		97
79) 2-Chlorotoluene	11.86	91	397	18.341 ug/l		83
80) 1,3,5-Trimethylbenzene	11.94	105	334	13.036 ug/l	#	22
81) trans-1,4-Dichloro-2-buten	11.93	75	248	132.086 ug/l	#	61
82) 4-Chlorotoluene	11.92	91	194	9.120 ug/l		81
83) tert-Butylbenzene	12.22	119	143	5.633 ug/l	#	8
84) 1,2,4-Trimethylbenzene	12.26	105	133	5.475 ug/l	#	1
85) sec-Butylbenzene	12.36	105	80	2.391 ug/l	#	1
86) p-Isopropyltoluene	12.53	119	67	2.406 ug/l	#	19
87) 1,3-Dichlorobenzene	12.54	146	66	4.754 ug/l	#	1
88) 1,4-Dichlorobenzene	12.62	146	72	5.557 ug/l	#	1
89) n-Butylbenzene	12.92	91	242	8.640 ug/l	#	24
90) Hexachloroethane	13.05	117	62	9.130 ug/l		77
91) 1,2-Dichlorobenzene	13.07	146	80	6.556 ug/l	#	23
92) 1,2-Dibromo-3-Chloropropan	13.70	75	131	179.722 ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.09	180	151	18.023 ug/l		82
94) Hexachlorobutadiene	14.22	225	66	11.387 ug/l	#	19
95) Naphthalene	14.50	128	63	4.590 ug/l	#	1
96) 1,2,3-Trichlorobenzene	14.62	180	68	8.891 ug/l	#	11

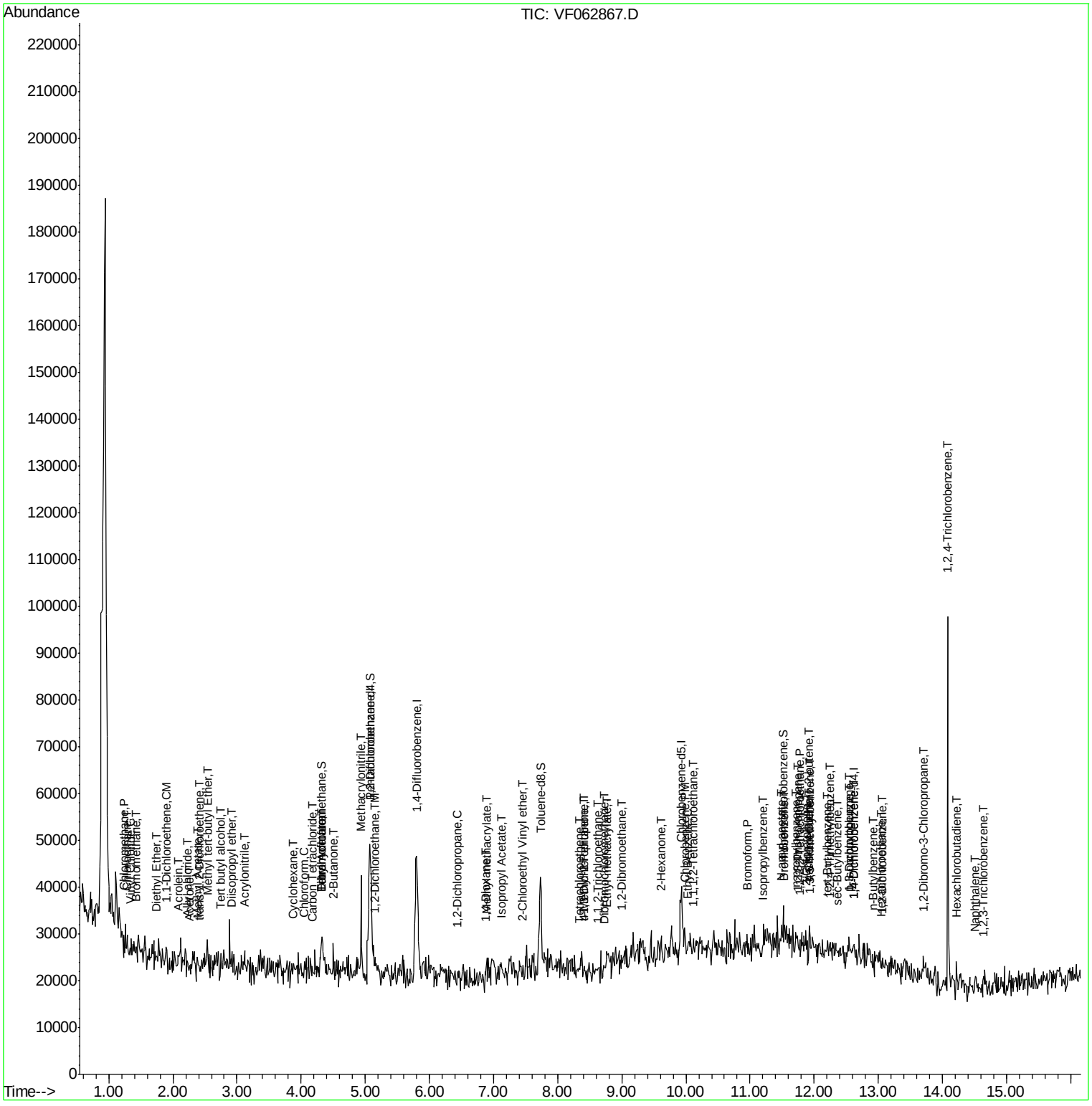
(#) = qualifier out of range (m) = manual integration (+) = signals summed

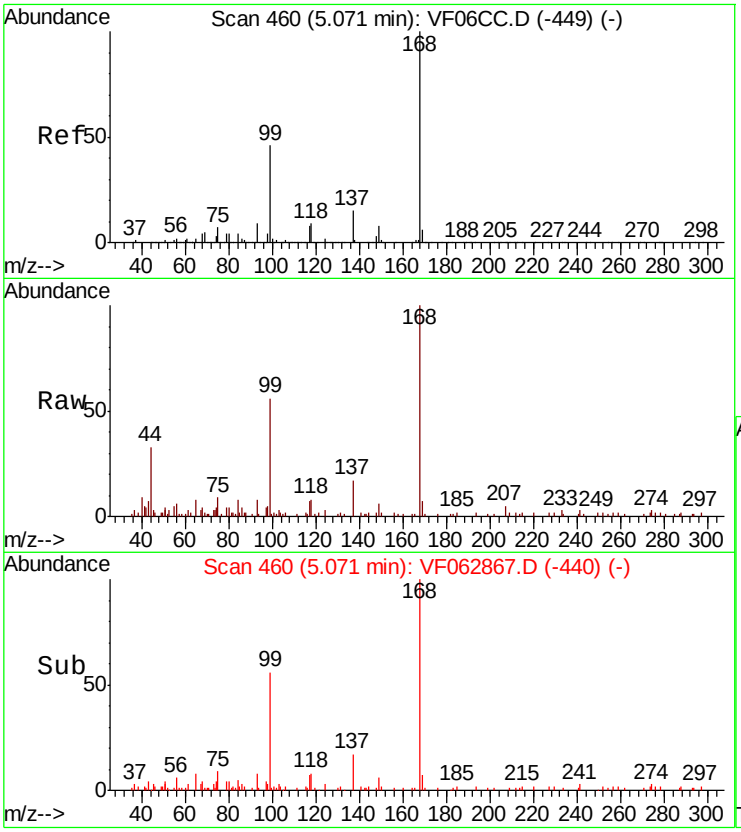
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060519\
Data File : VF062867.D
Acq On : 5 Jun 2019 16:06
Operator : FY/SY
Sample : K3183-11RE
Misc : 5.87g/5mL/MSVOA F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 06 08:02:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration



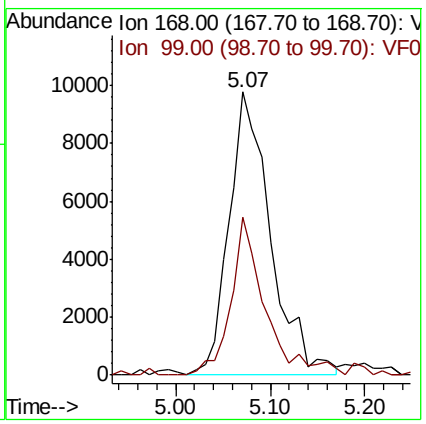


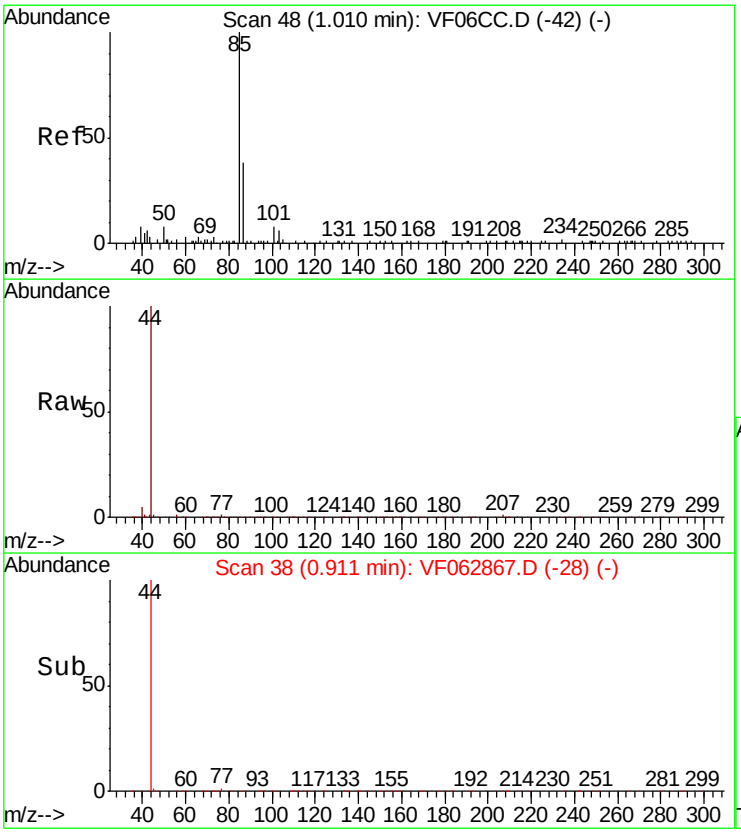
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. -0.00 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 29780

Ion	Ratio	Lower	Upper
168	100		
99	55.7	39.1	58.7

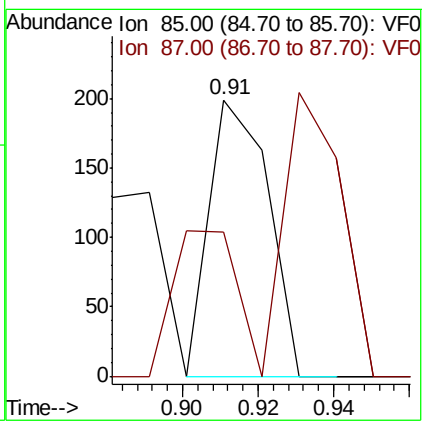


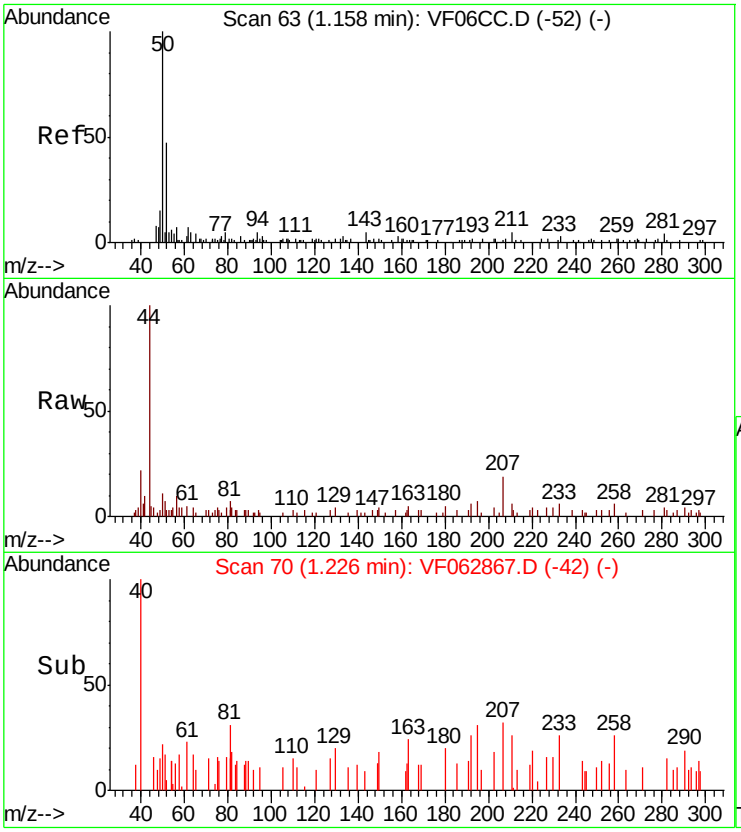


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.91 min Scan# 38
Delta R.T. -0.10 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 85 Resp: 214

Ion	Ratio	Lower	Upper
85	100		
87	52.3	17.6	52.9



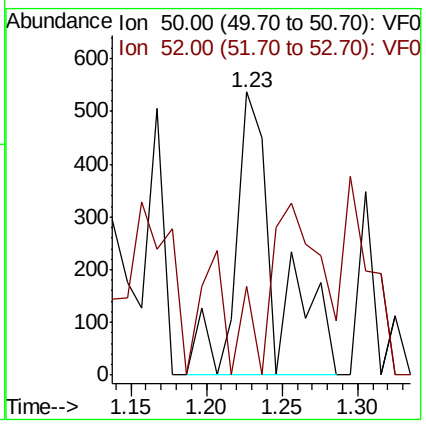


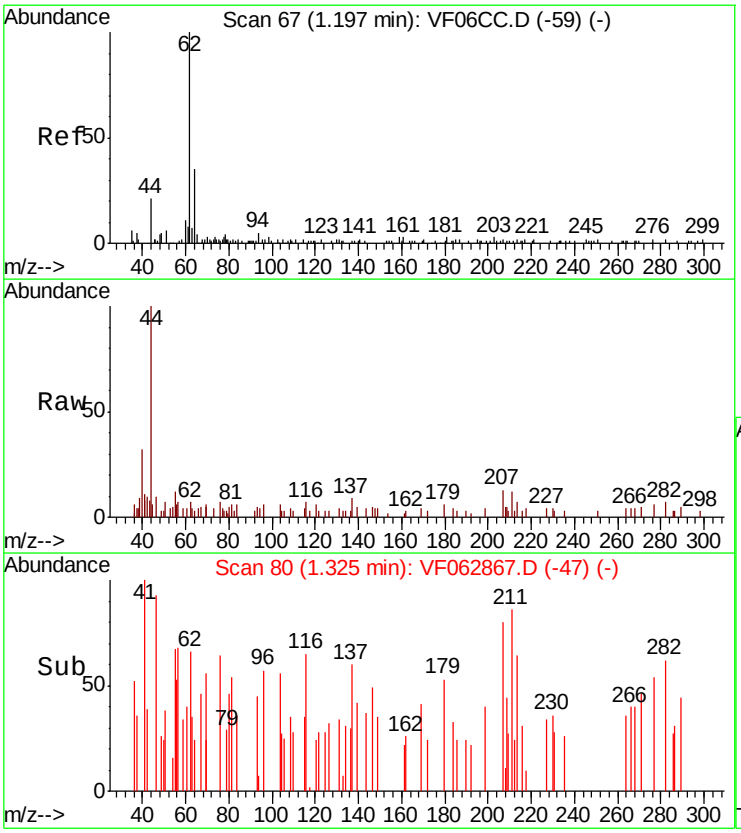
#3
Chloromethane
Concen: 3.333 ug/l
RT: 1.23 min Scan# 70
Delta R.T. 0.08 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 50 Resp: 1027

Ion	Ratio	Lower	Upper
50	100		
52	31.3	27.0	40.4

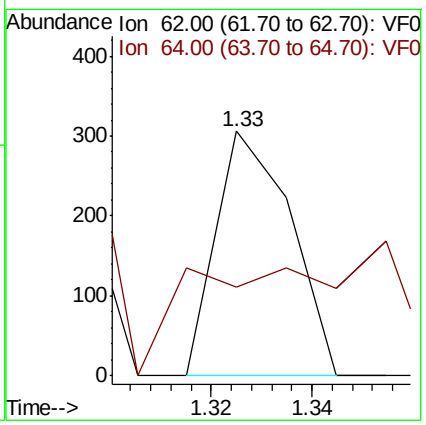


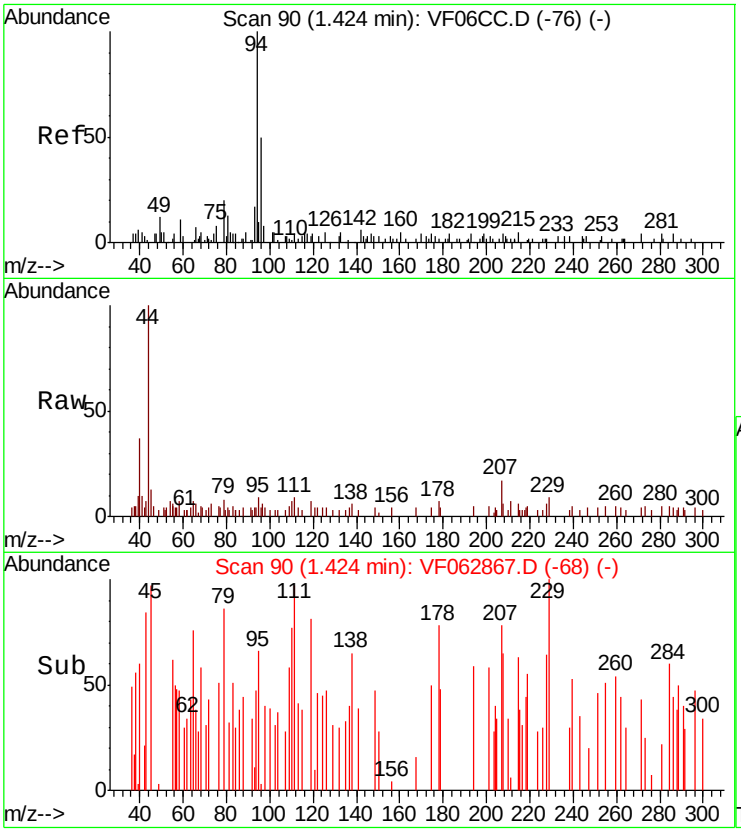


#4
Vinyl Chloride
Concen: 1.022 ug/l
RT: 1.33 min Scan# 80
Delta R.T. 0.13 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 62 Resp: 313

Ion	Ratio	Lower	Upper
62	100		
64	36.3	26.2	39.2



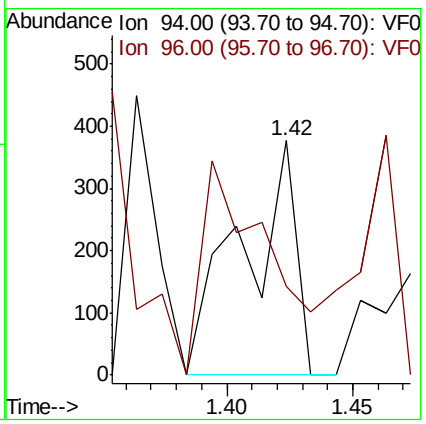


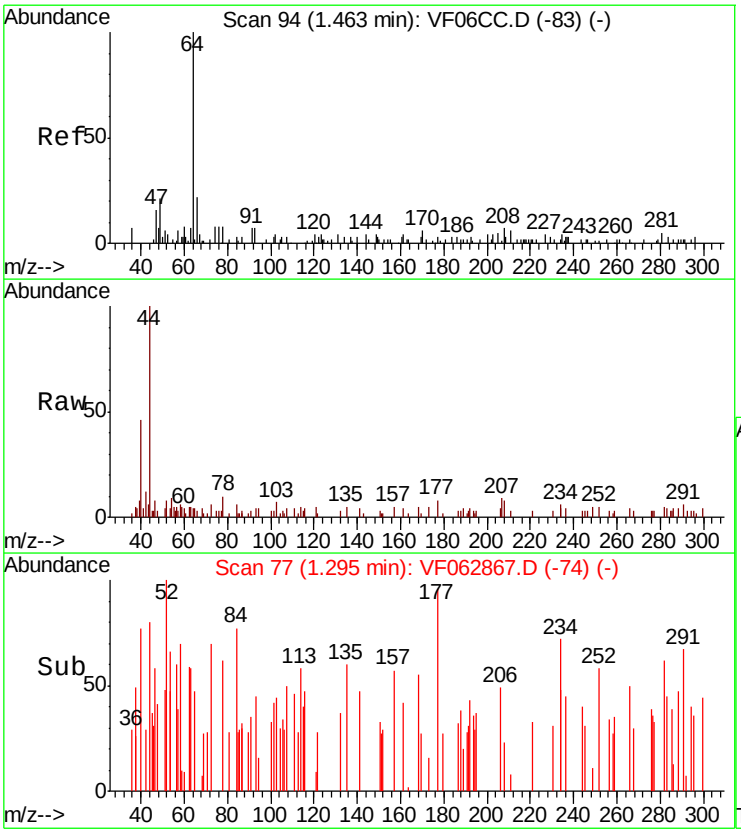
#5
Bromomethane
Concen: 3.167 ug/l
RT: 1.42 min Scan# 90
Delta R.T. 0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 94 Resp: 553

Ion	Ratio	Lower	Upper
94	100		
96	106.9	73.8	110.6

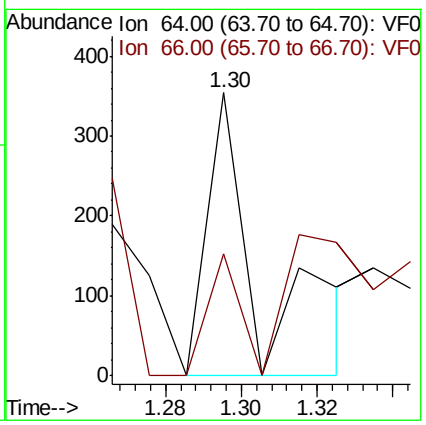


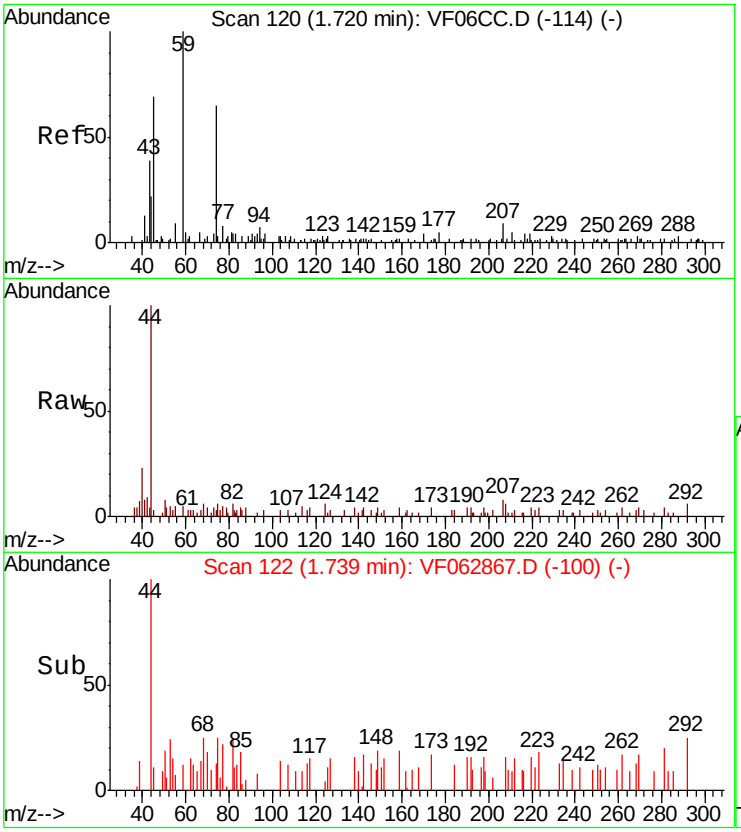


#6
Chloroethane
Concen: 3.101 ug/l
RT: 1.30 min Scan# 77
Delta R.T. -0.17 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 64 Resp: 355

Ion	Ratio	Lower	Upper
64	100		
66	43.2	31.0	46.4



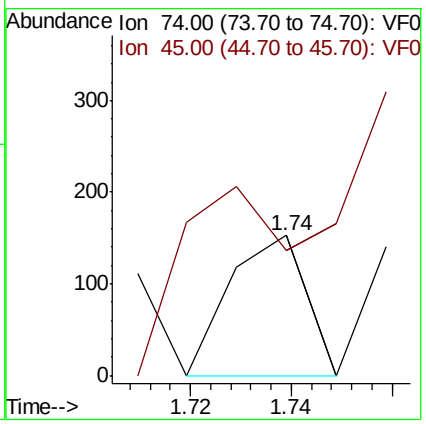


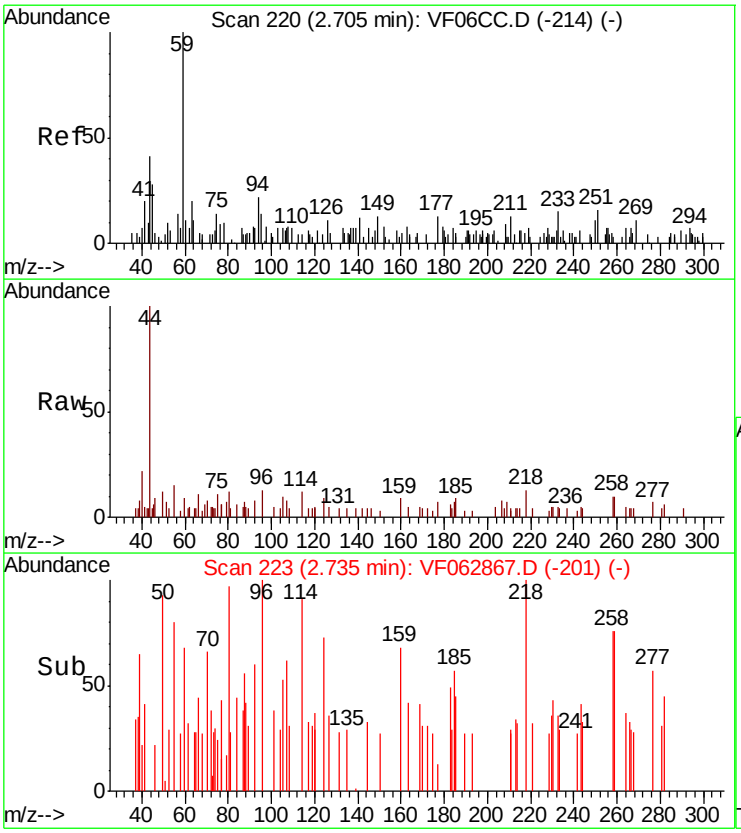
#8
Diethyl Ether
Concen: 1.876 ug/l
RT: 1.74 min Scan# 122
Delta R.T. 0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 74 Resp: 160

Ion	Ratio	Lower	Upper
74	100		
45	88.9	47.5	142.5

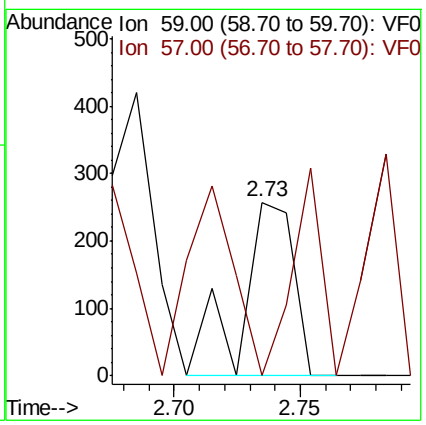


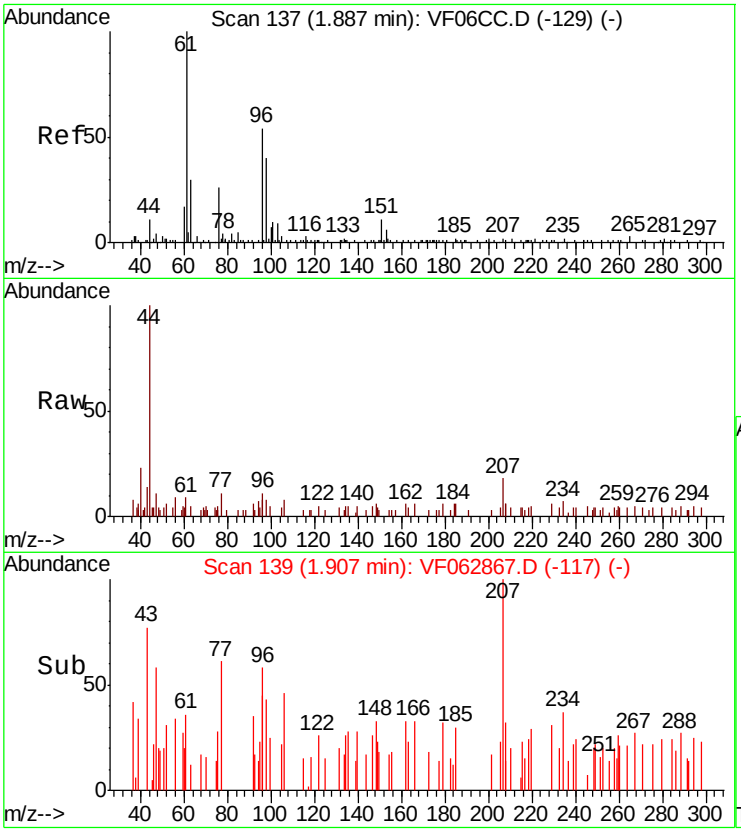


#11
Tert butyl alcohol
Concen: 29.739 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 59 Resp: 371

Ion	Ratio	Lower	Upper
59	100		
57	40.5	9.2	13.8#



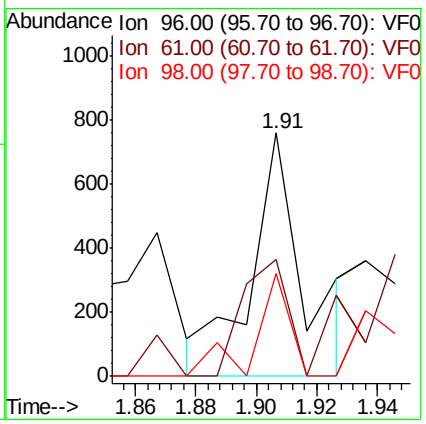


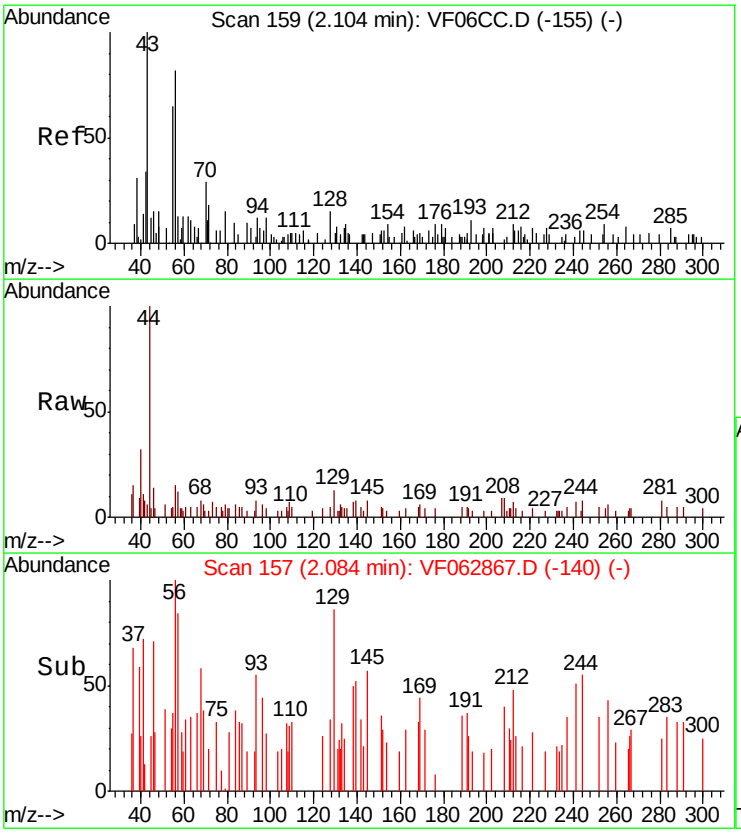
#12
1,1-Dichloroethene
Concen: 3.722 ug/l
RT: 1.91 min Scan# 139
Delta R.T. 0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 96 Resp: 921

Ion	Ratio	Lower	Upper
96	100		
61	47.8	139.4	209.2#
98	42.2	50.3	75.5#

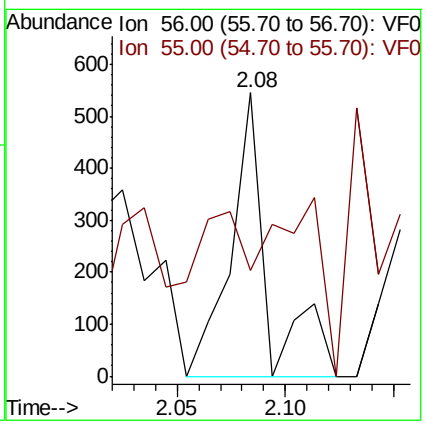


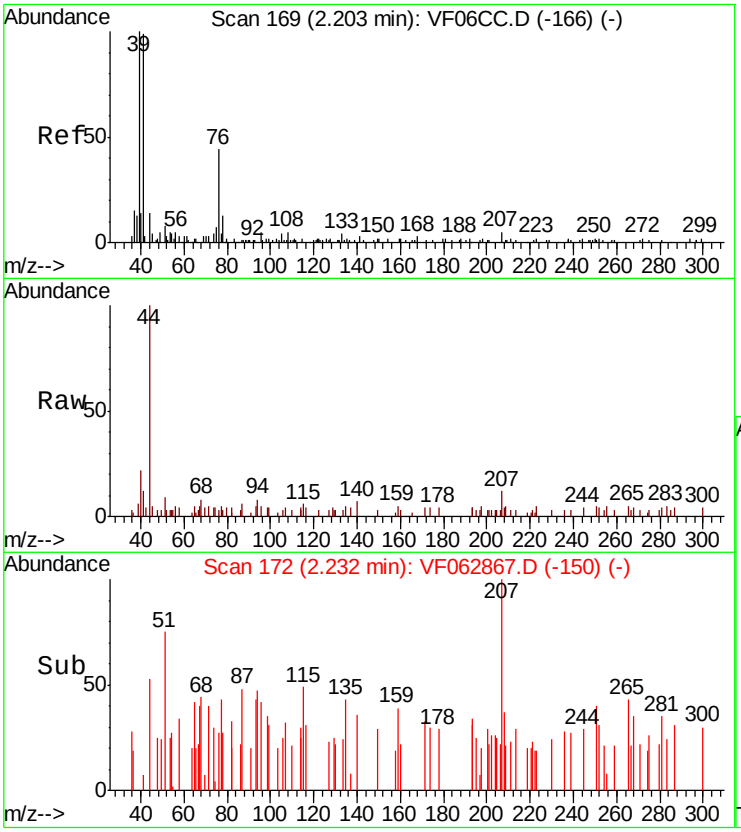


#13
Acrolein
Concen: 125.550 ug/l
RT: 2.08 min Scan# 157
Delta R.T. -0.03 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 56 Resp: 646

Ion	Ratio	Lower	Upper
56	100		
55	37.2	52.9	79.3#



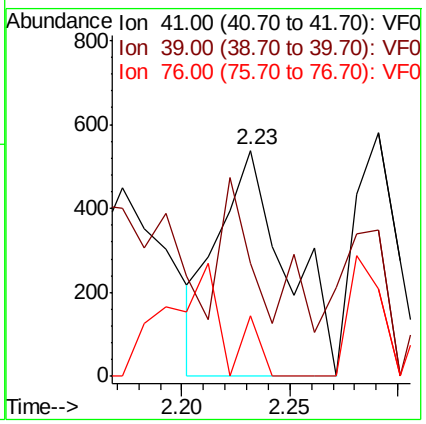


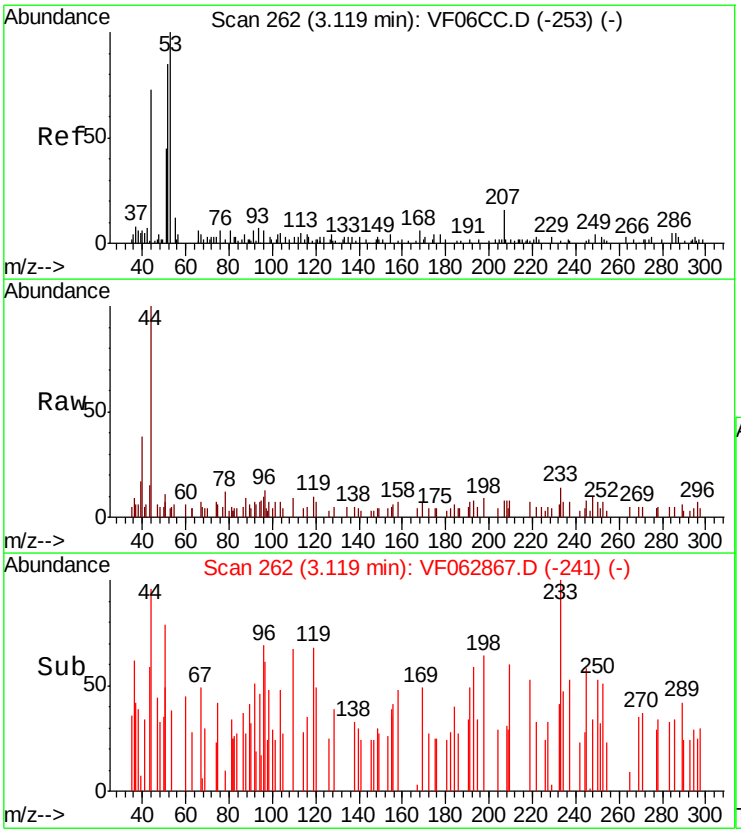
#14
Allyl chloride
Concen: 6.245 ug/l
RT: 2.23 min Scan# 172
Delta R.T. 0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 1199

Ion	Ratio	Lower	Upper
41	100		
39	50.4	71.9	107.9#
76	26.8	39.6	59.4#

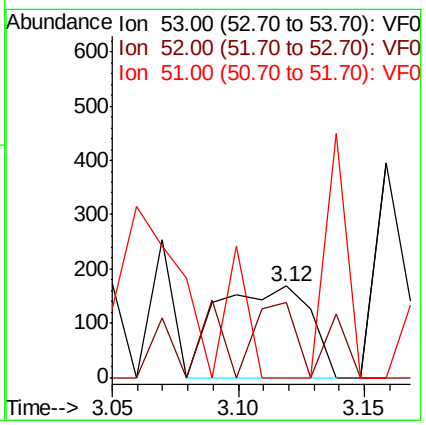


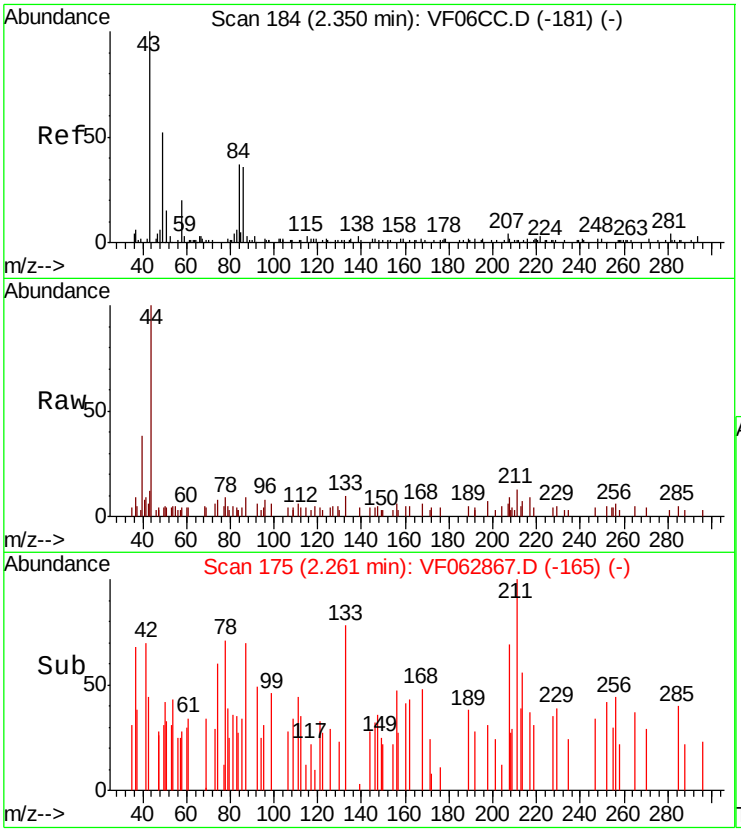


#15
Acrylonitrile
Concen: 9.194 ug/l
RT: 3.12 min Scan# 262
Delta R.T. 0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 53 Resp: 431

Ion	Ratio	Lower	Upper
53	100		
52	82.7	68.1	102.1
51	0.0	27.7	41.5#



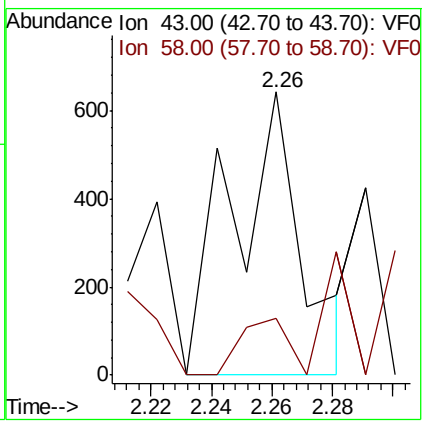


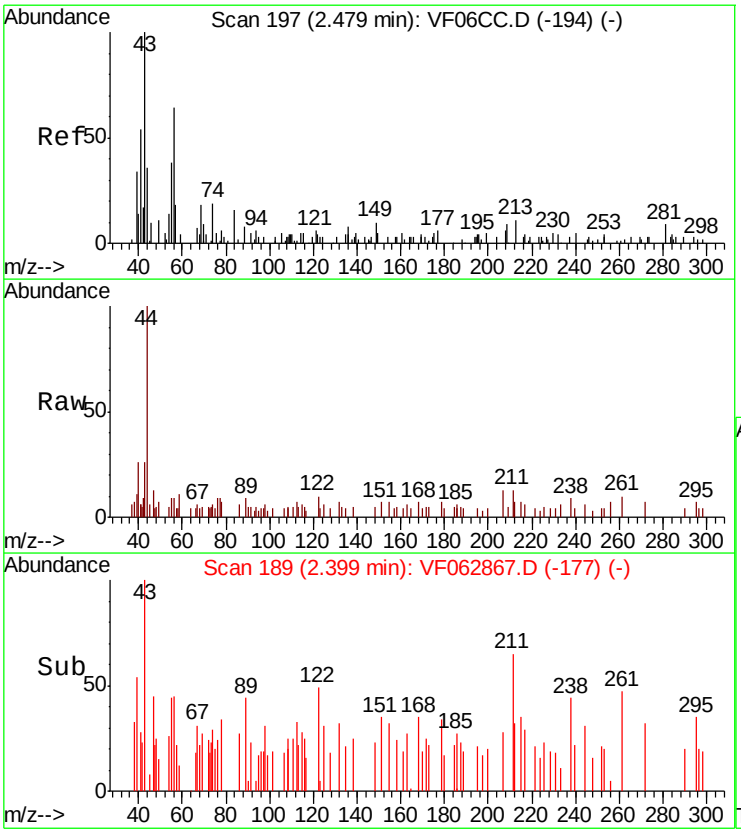
#16
Acetone
Concen: 21.641 ug/l
RT: 2.26 min Scan# 175
Delta R.T. -0.10 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1020

Ion	Ratio	Lower	Upper
43	100		
58	20.2	19.0	28.4

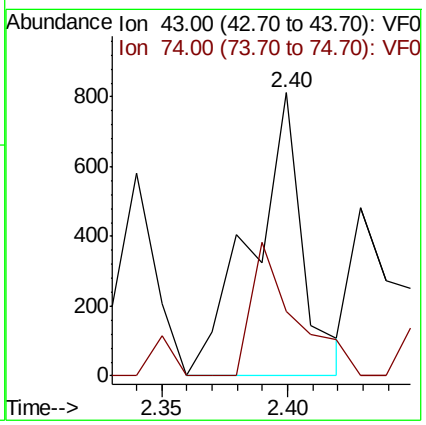


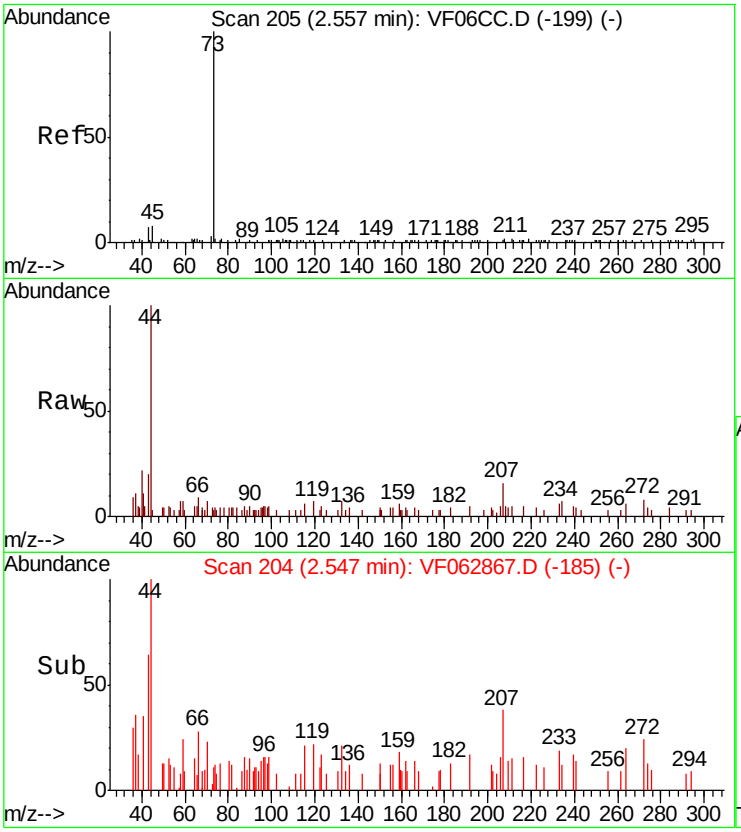


#18
Methyl Acetate
Concen: 13.768 ug/l
RT: 2.40 min Scan# 189
Delta R.T. -0.08 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 43 Resp: 1134

Ion	Ratio	Lower	Upper
43	100		
74	22.8	22.1	33.1



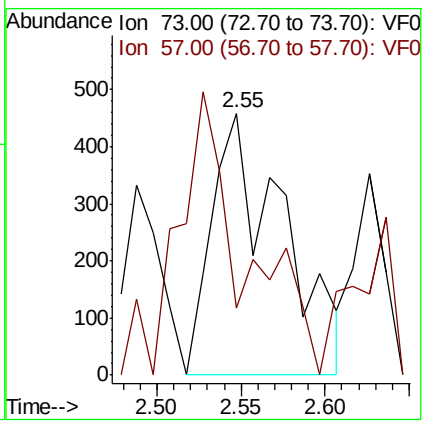


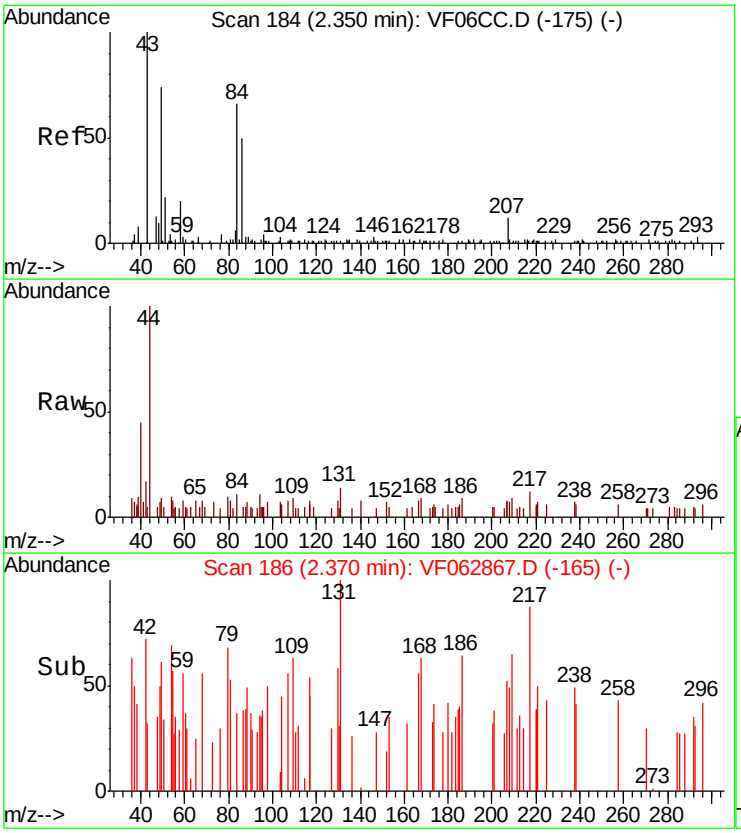
#19
Methyl tert-butyl Ether
Concen: 2.984 ug/l
RT: 2.55 min Scan# 204
Delta R.T. -0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 73 Resp: 1338

Ion	Ratio	Lower	Upper
73	100		
57	25.7	15.1	22.7#

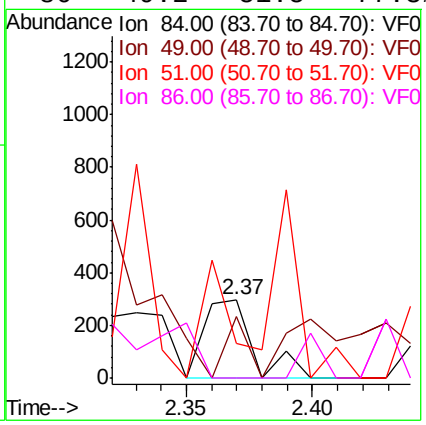


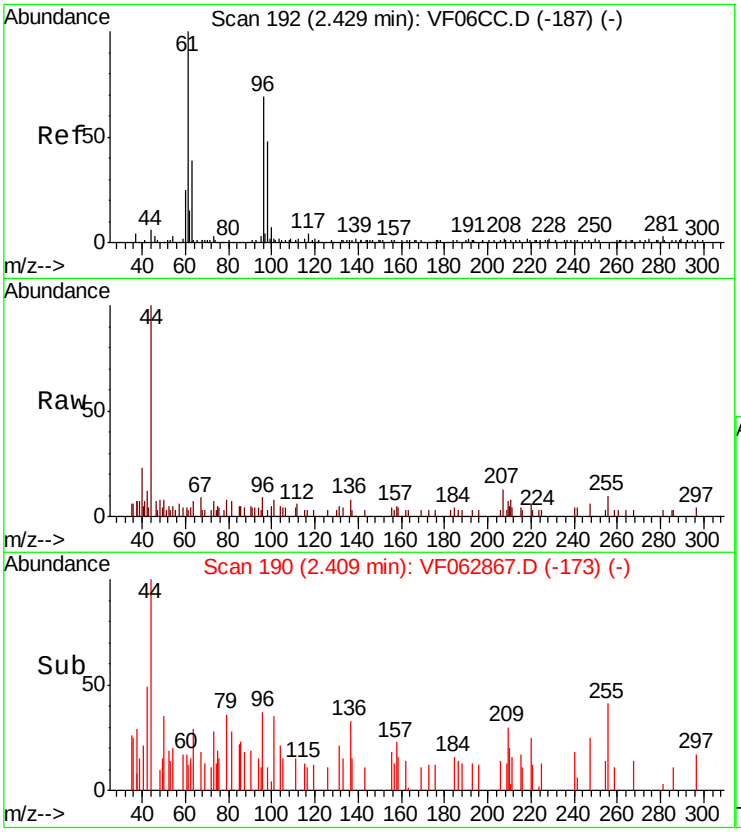


#20
Methylene Chloride
Concen: Below Cal
RT: 2.37 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 84 Resp: 401

Ion	Ratio	Lower	Upper
84	100		
49	79.5	82.6	123.8#
51	43.8	25.0	37.4#
86	49.2	51.5	77.3#



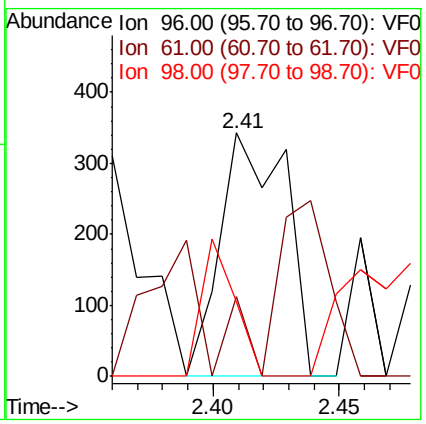


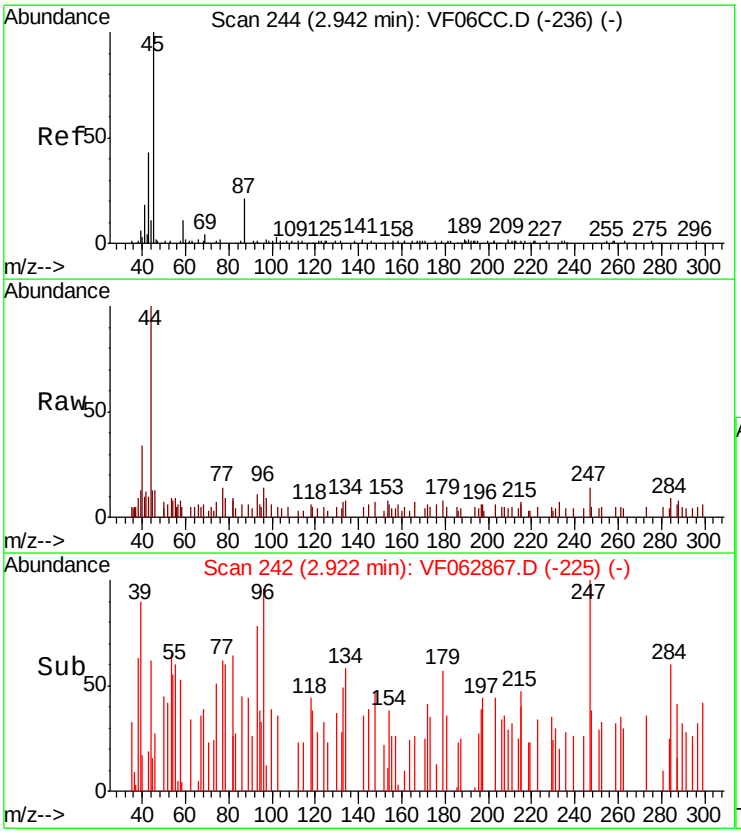
#21
trans-1,2-Dichloroethene
Concen: 2.499 ug/l
RT: 2.41 min Scan# 190
Delta R.T. -0.03 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 96 Resp: 620

Ion	Ratio	Lower	Upper
96	100		
61	32.9	105.0	157.6#
98	30.6	51.1	76.7#

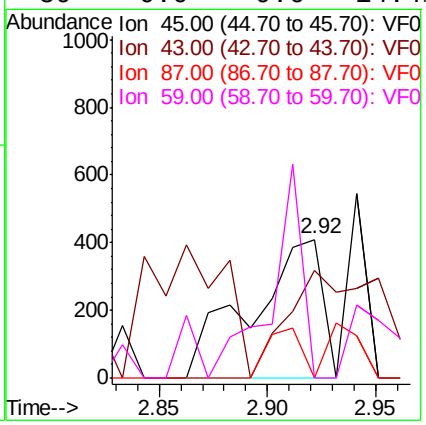


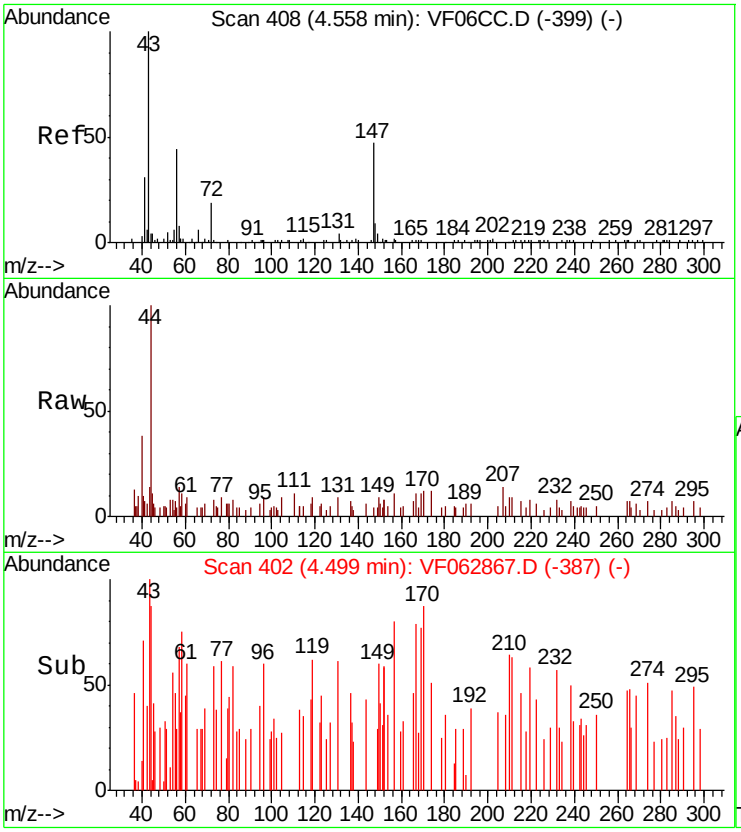


#22
Diisopropyl ether
Concen: 1.716 ug/l
RT: 2.92 min Scan# 242
Delta R.T. -0.03 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 45 Resp: 936

Ion	Ratio	Lower	Upper
45	100		
43	77.3	34.3	51.5#
87	0.0	19.0	28.4#
59	0.0	9.6	14.4#



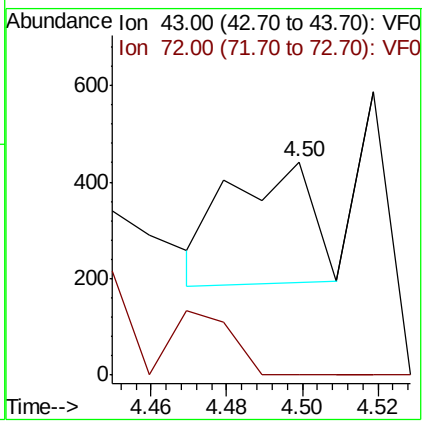


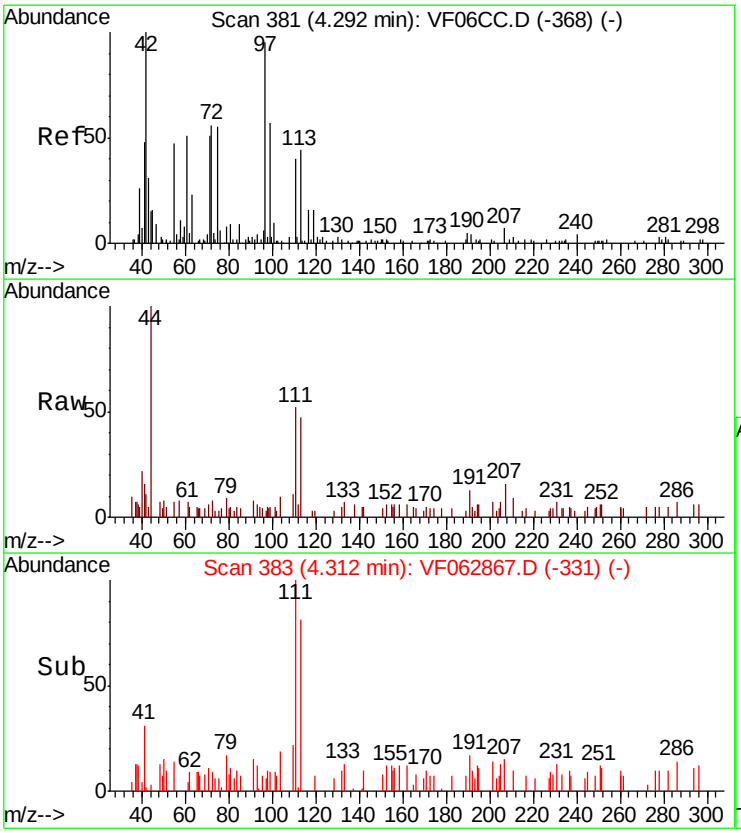
#25
2-Butanone
Concen: 3.498 ug/l
RT: 4.50 min Scan# 402
Delta R.T. -0.05 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 384

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.0#

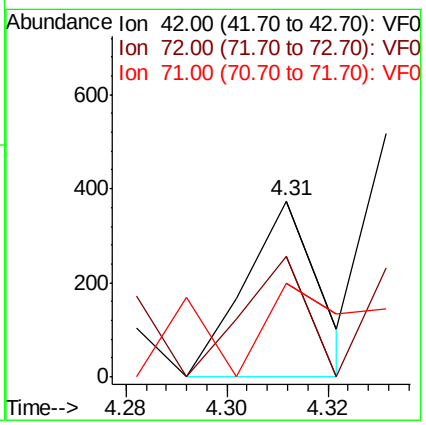


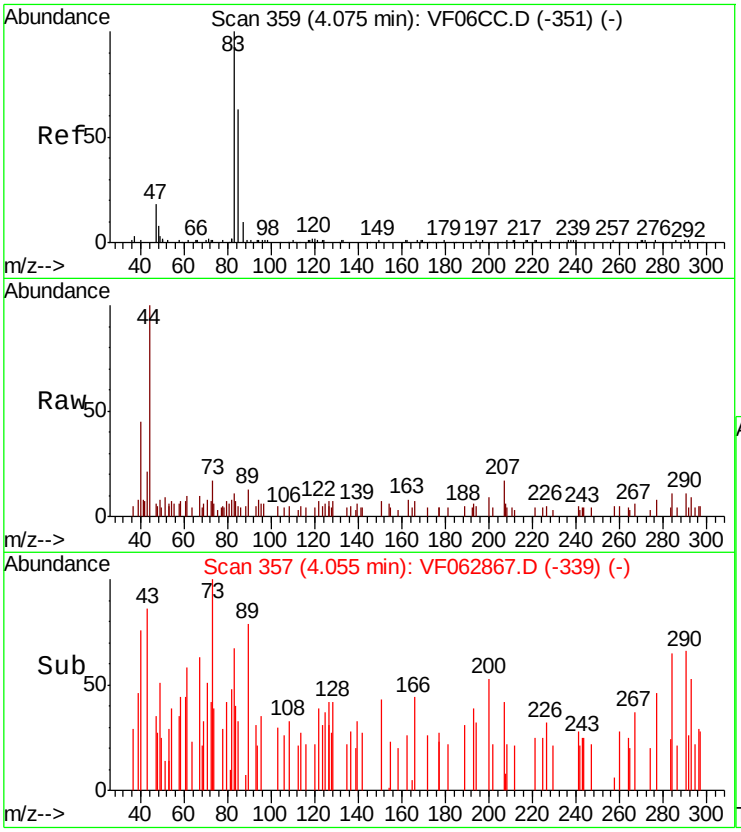


#29
Tetrahydrofuran
Concen: 9.052 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 42 Resp: 380

Ion	Ratio	Lower	Upper
42	100		
72	85.5	39.0	58.6#
71	0.0	36.9	55.3#



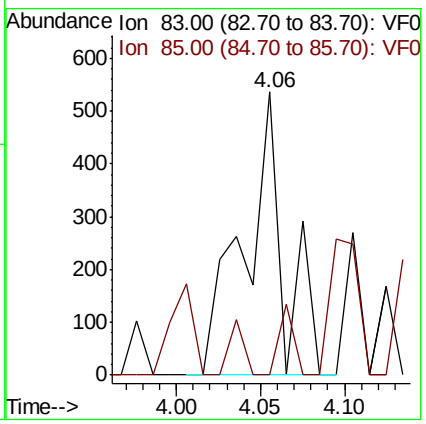


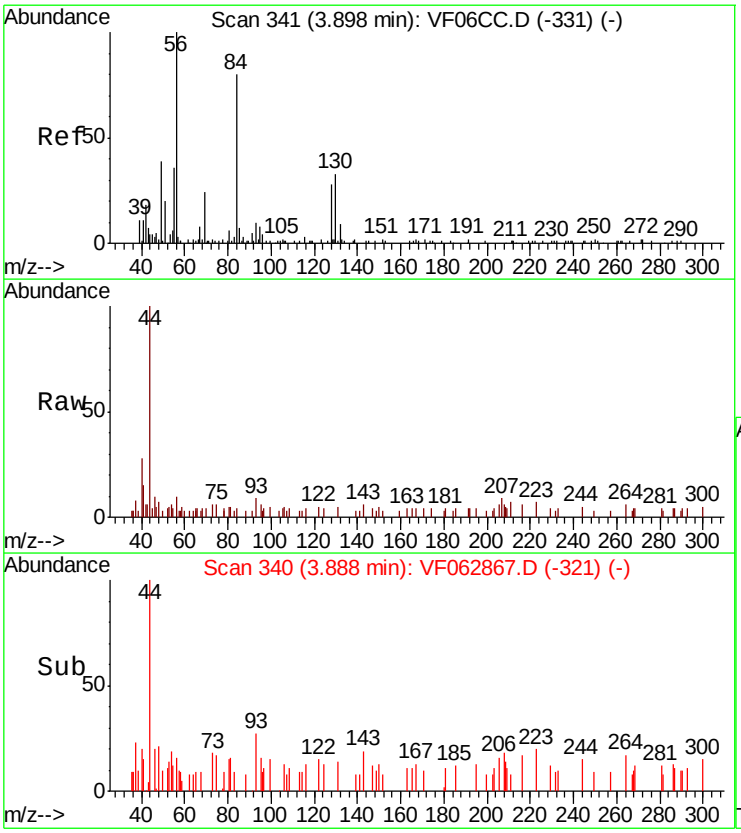
#30
Chloroform
Concen: 1.524 ug/l
RT: 4.06 min Scan# 357
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 875

Ion	Ratio	Lower	Upper
83	100		
85	0.0	55.0	82.6#

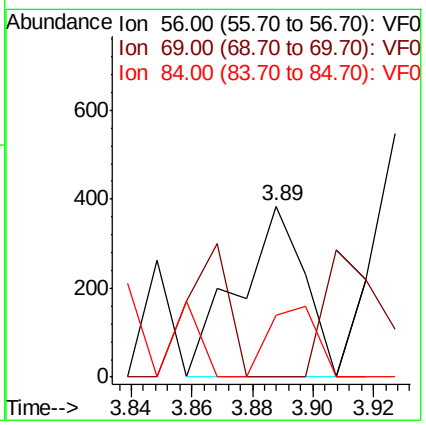


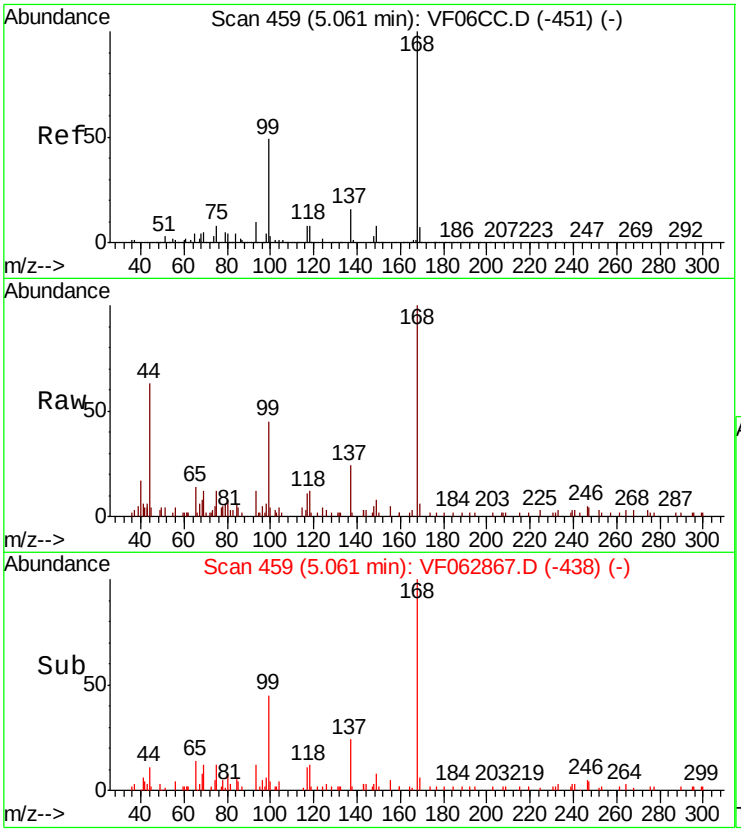


#31
Cyclohexane
Concen: 1.065 ug/l
RT: 3.89 min Scan# 340
Delta R.T. -0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 56 Resp: 587

Ion	Ratio	Lower	Upper
56	100		
69	0.0	26.7	40.1#
84	36.5	74.3	111.5#



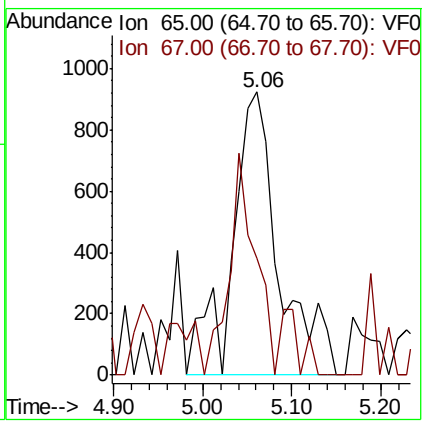


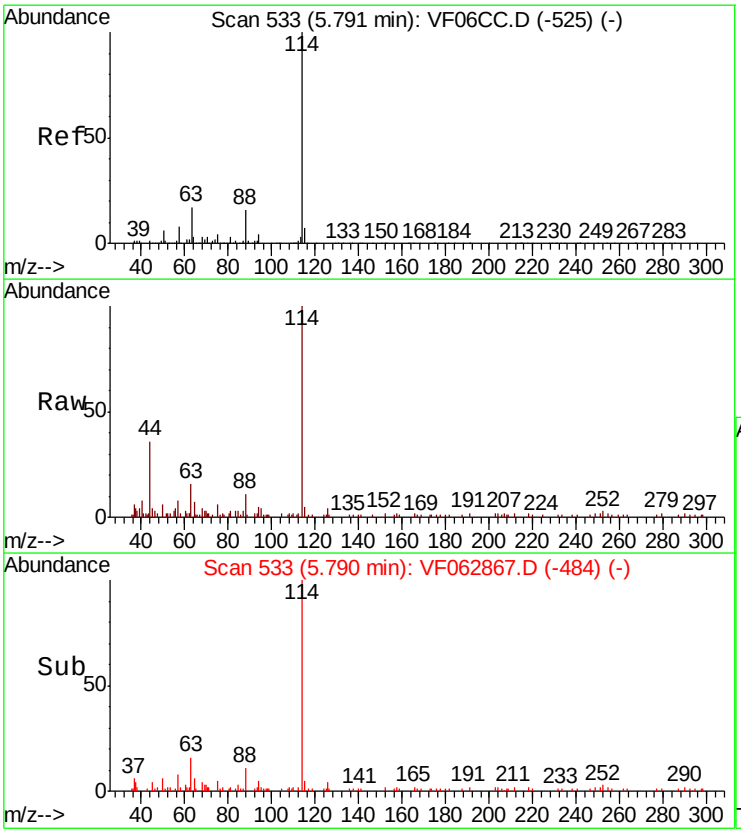
#33
1,2-Dichloroethane-d4
Concen: 16.447 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 3387

Ion	Ratio	Lower	Upper
65	100		
67	41.4	0.0	121.2

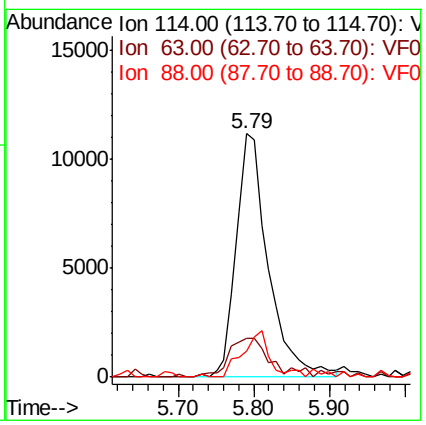


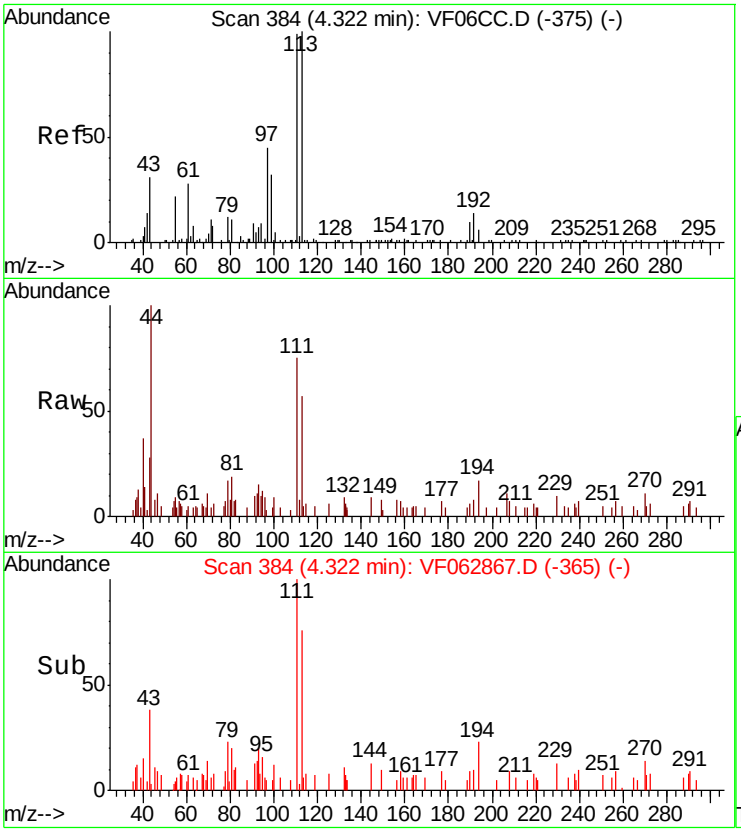


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. -0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion:114 Resp: 32773

Ion	Ratio	Lower	Upper
114	100		
63	15.9	0.0	34.2
88	10.7	0.0	31.2



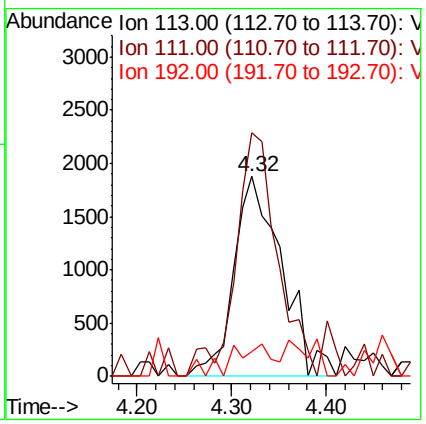


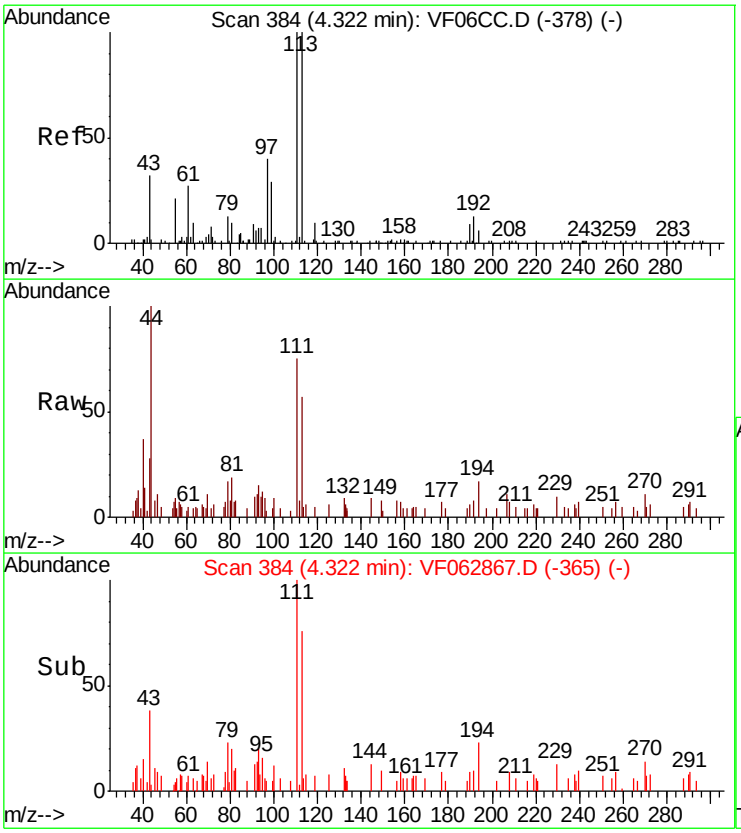
#35
Dibromofluoromethane
Concen: 26.760 ug/l
RT: 4.32 min Scan# 384
Delta R.T. -0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 6627

Ion	Ratio	Lower	Upper
113	100		
111	122.0	81.9	122.9
192	12.6	15.1	22.7#

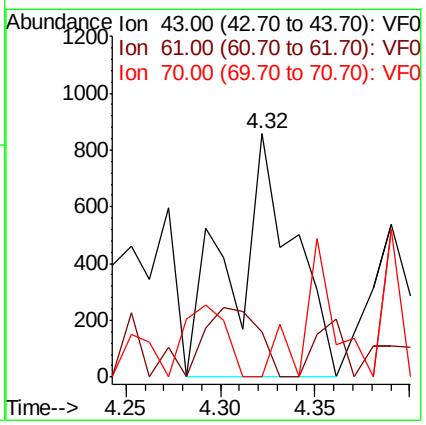


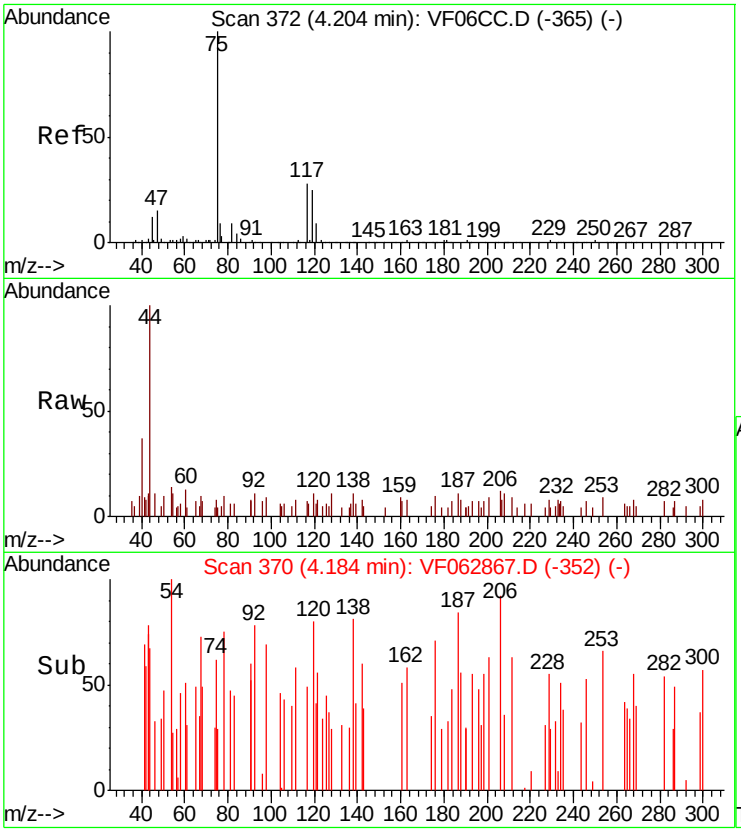


#37
Ethyl Acetate
Concen: 16.604 ug/l
RT: 4.32 min Scan# 384
Delta R.T. -0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 43 Resp: 1915

Ion	Ratio	Lower	Upper
43	100		
61	18.8	59.1	88.7#
70	0.0	10.1	15.1#



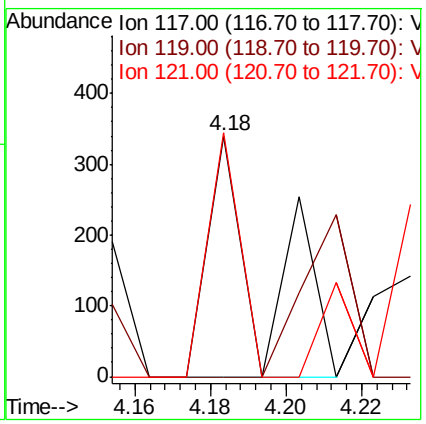


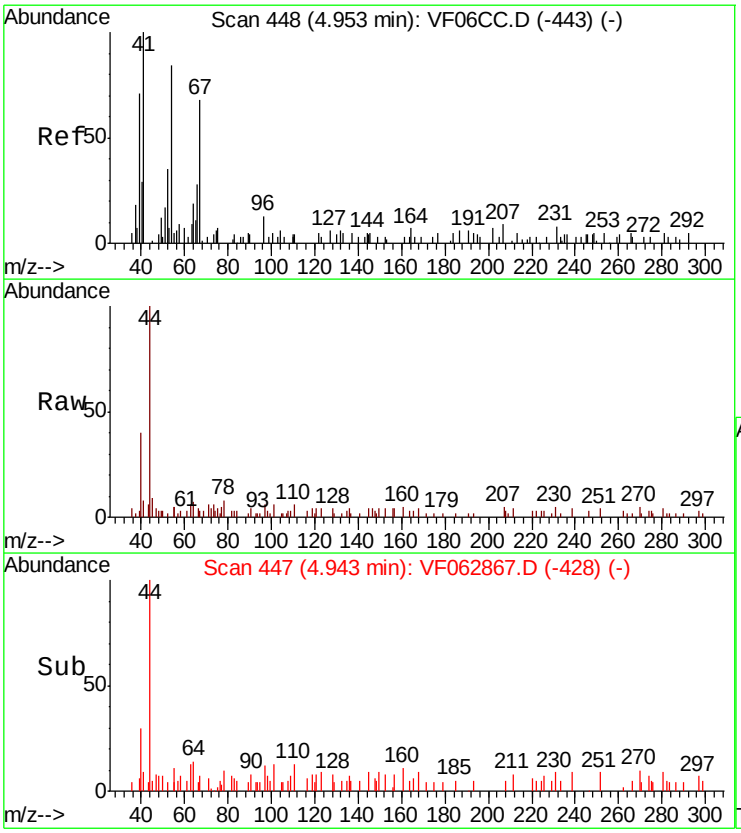
#38
Carbon Tetrachloride
Concen: 1.726 ug/l
RT: 4.18 min Scan# 370
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 352

Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.2	117.2#
121	101.2	28.2	42.2#

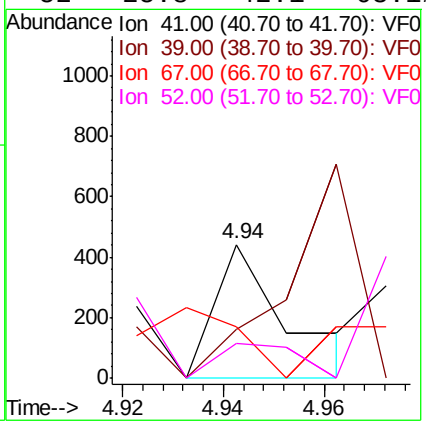


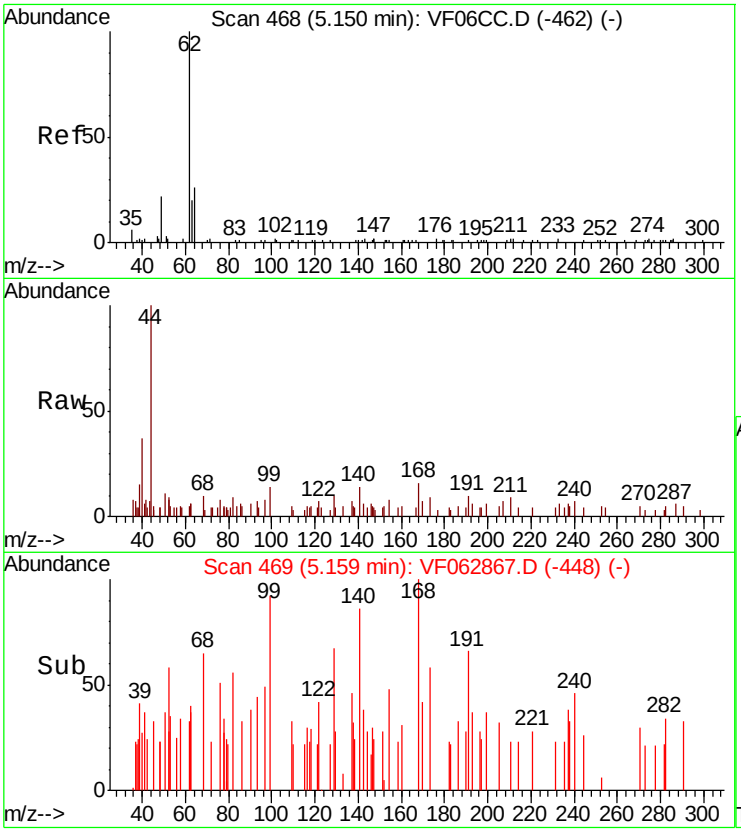


#41
Methacrylonitrile
Concen: 6.816 ug/l
RT: 4.94 min Scan# 447
Delta R.T. -0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 41 Resp: 437

Ion	Ratio	Lower	Upper
41	100		
39	36.7	42.0	63.0#
67	38.5	61.4	92.0#
52	25.8	42.1	63.1#



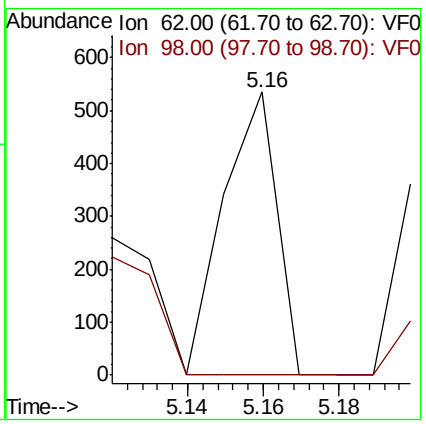


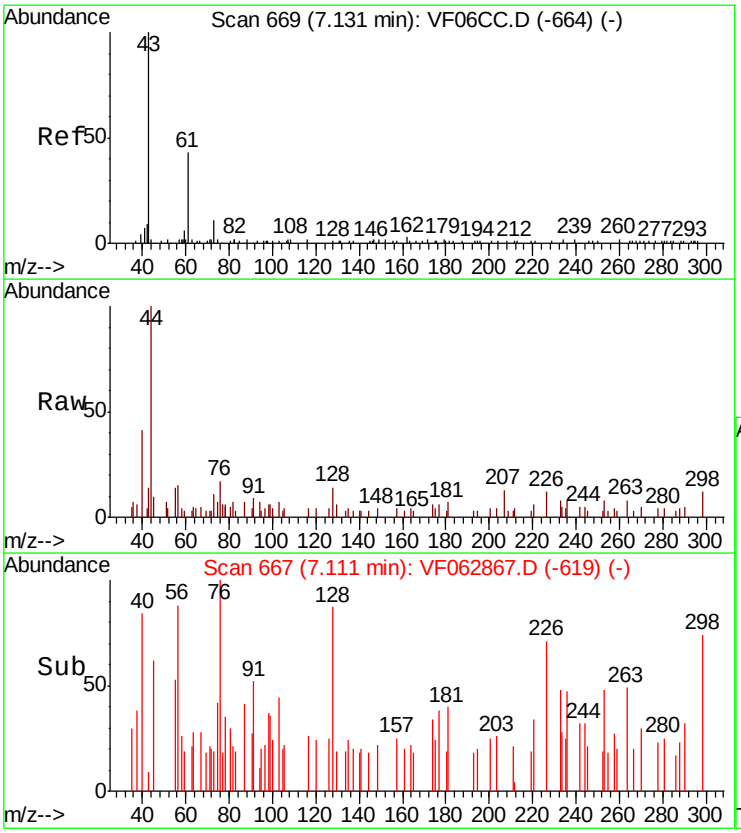
#42
1,2-Dichloroethane
Concen: 3.108 ug/l
RT: 5.16 min Scan# 469
Delta R.T. 0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 62 Resp: 519

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	24.0

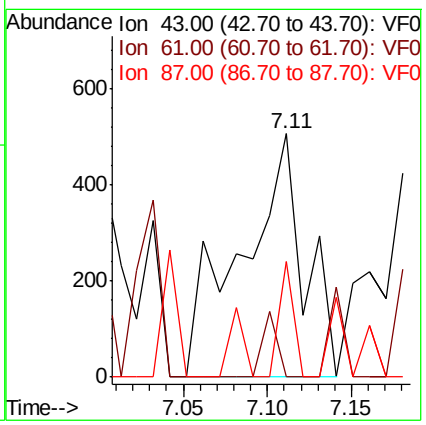


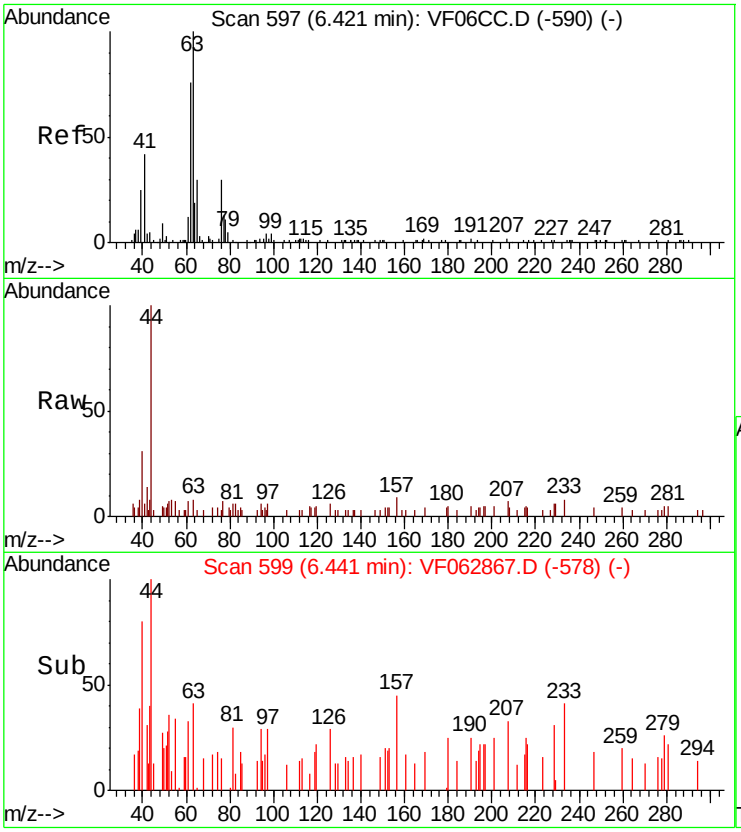


#43
Isopropyl Acetate
Concen: 8.657 ug/l
RT: 7.11 min Scan# 667
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 43 Resp: 1319

Ion	Ratio	Lower	Upper
43	100		
61	0.0	29.8	44.6#
87	47.3	0.3	0.5#



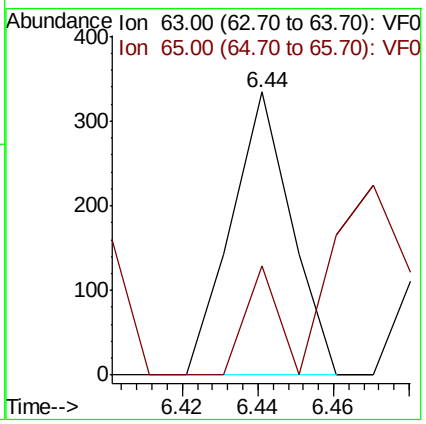


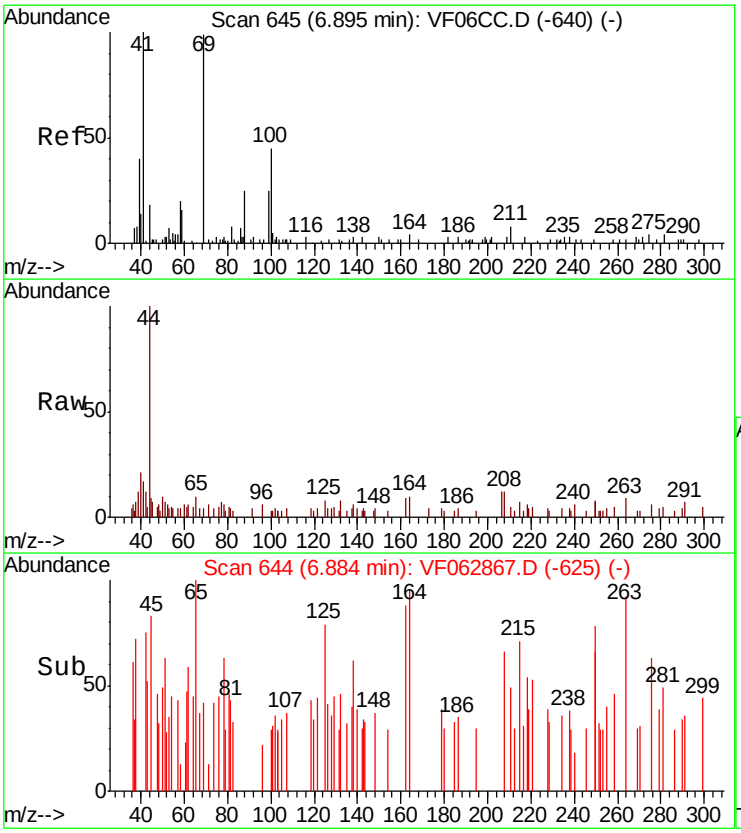
#45
1,2-Dichloropropane
Concen: 1.661 ug/l
RT: 6.44 min Scan# 599
Delta R.T. 0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 366

Ion	Ratio	Lower	Upper
63	100		
65	38.6	24.2	36.2#

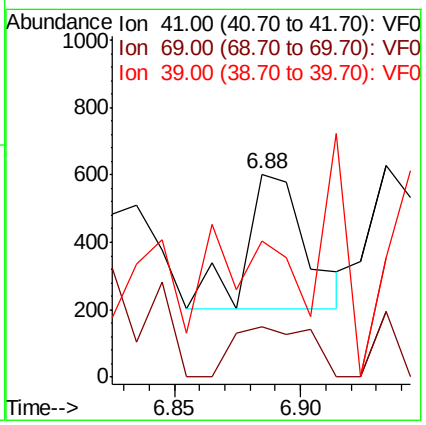


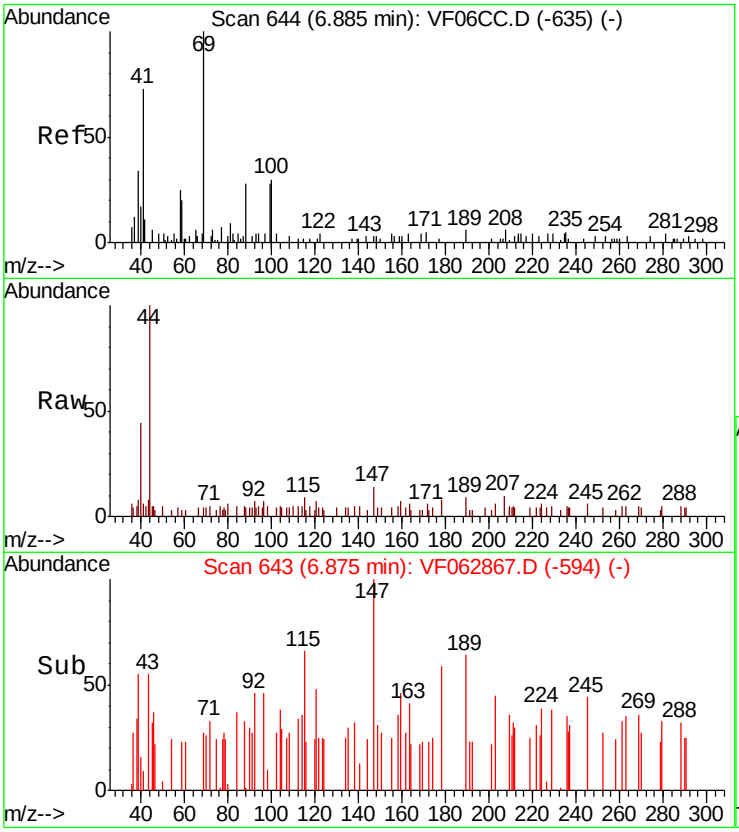


#48
Methyl methacrylate
Concen: 8.559 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 41 Resp: 672

Ion	Ratio	Lower	Upper
41	100		
69	24.8	79.4	119.2#
39	67.3	39.8	59.6#



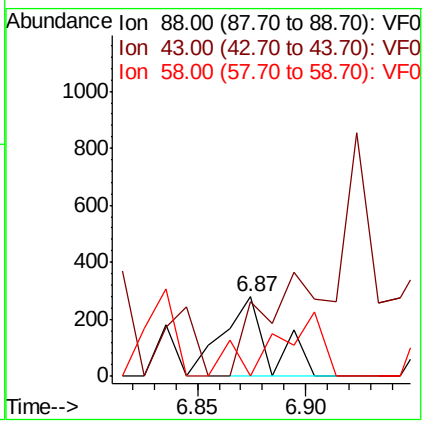


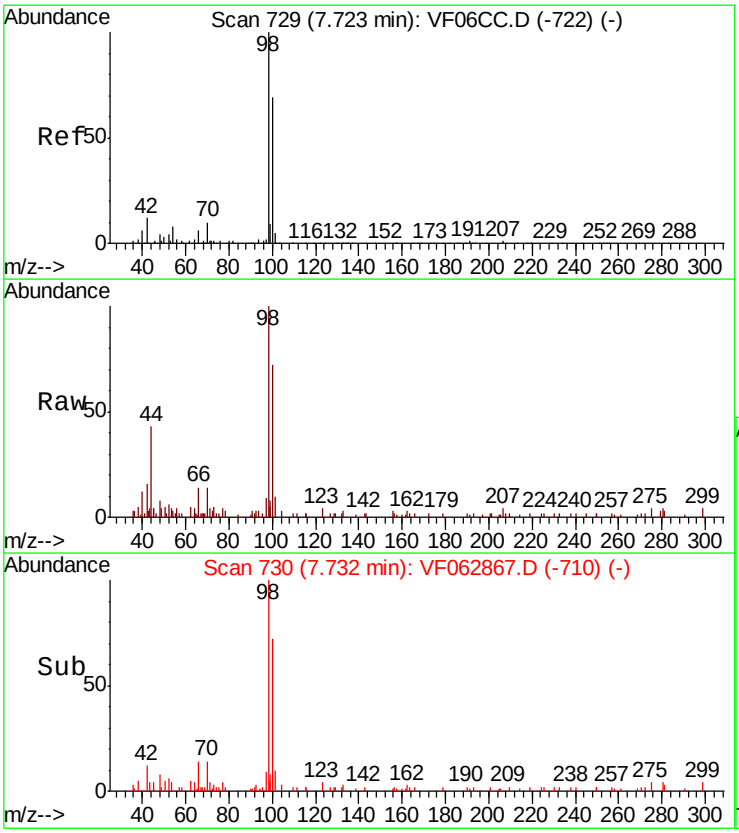
#49
1,4-Dioxane
Concen: 407.748 ug/l
RT: 6.87 min Scan# 643
Delta R.T. -0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 422

Ion	Ratio	Lower	Upper
88	100		
43	93.9	34.8	52.2#
58	0.0	59.9	89.9#

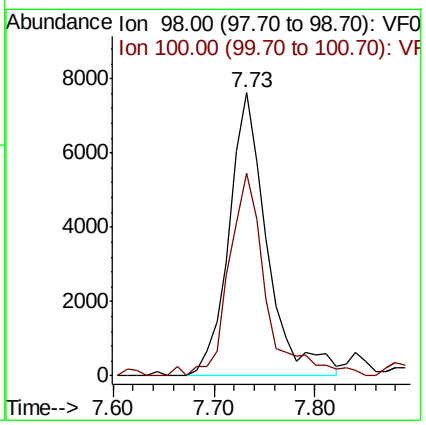


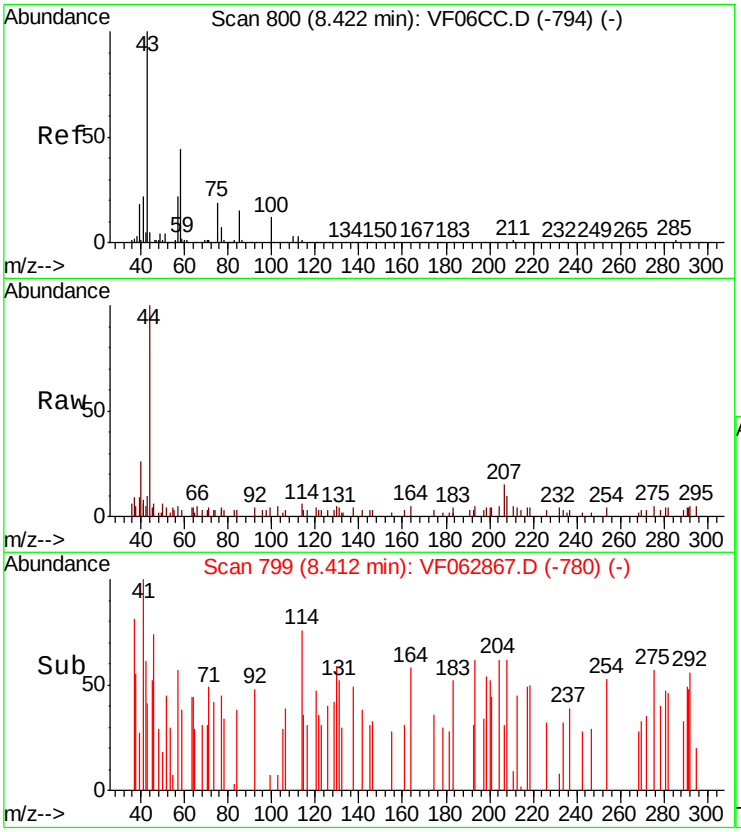


#50
Toluene-d8
Concen: 31.845 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.00 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 98 Resp: 19943

Ion	Ratio	Lower	Upper
98	100		
100	71.8	59.8	89.8



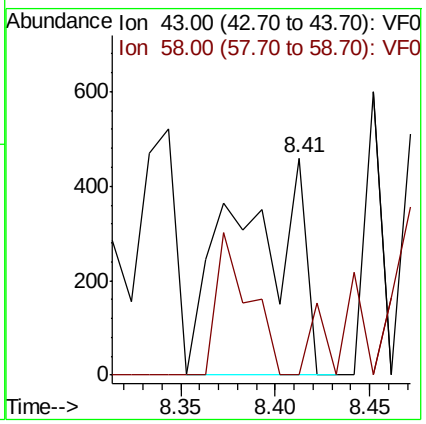


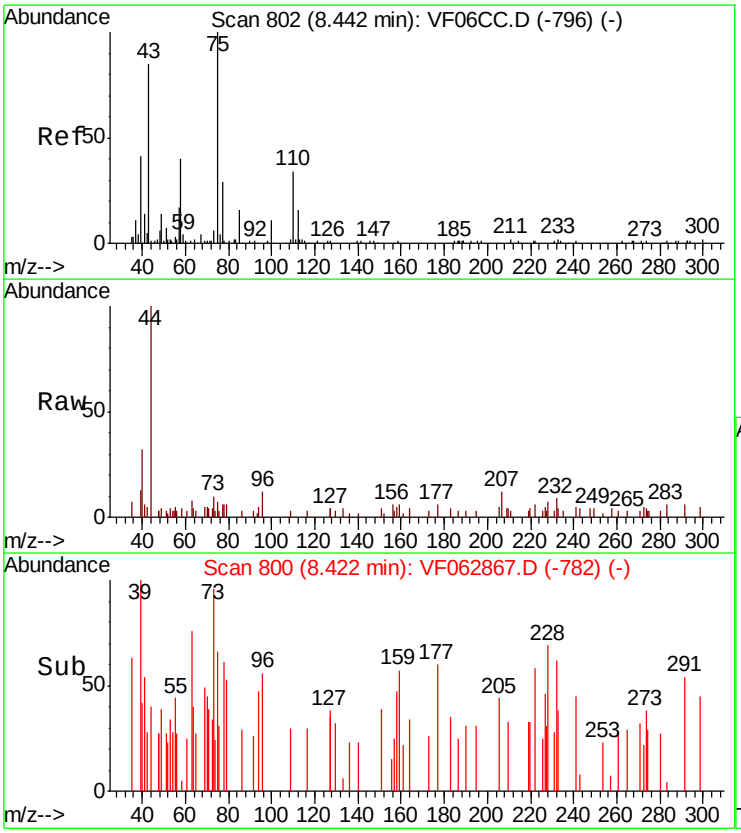
#51
4-Methyl-2-Pentanone
Concen: 10.177 ug/l
RT: 8.41 min Scan# 799
Delta R.T. -0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1107

Ion	Ratio	Lower	Upper
43	100		
58	0.0	35.5	53.3#

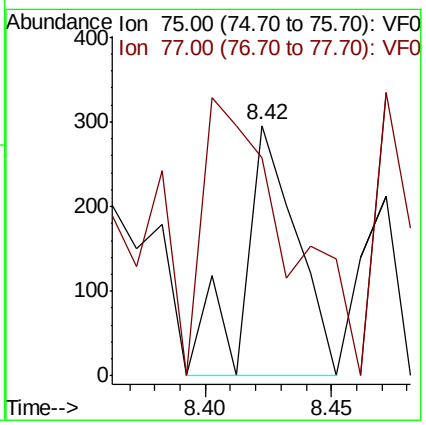


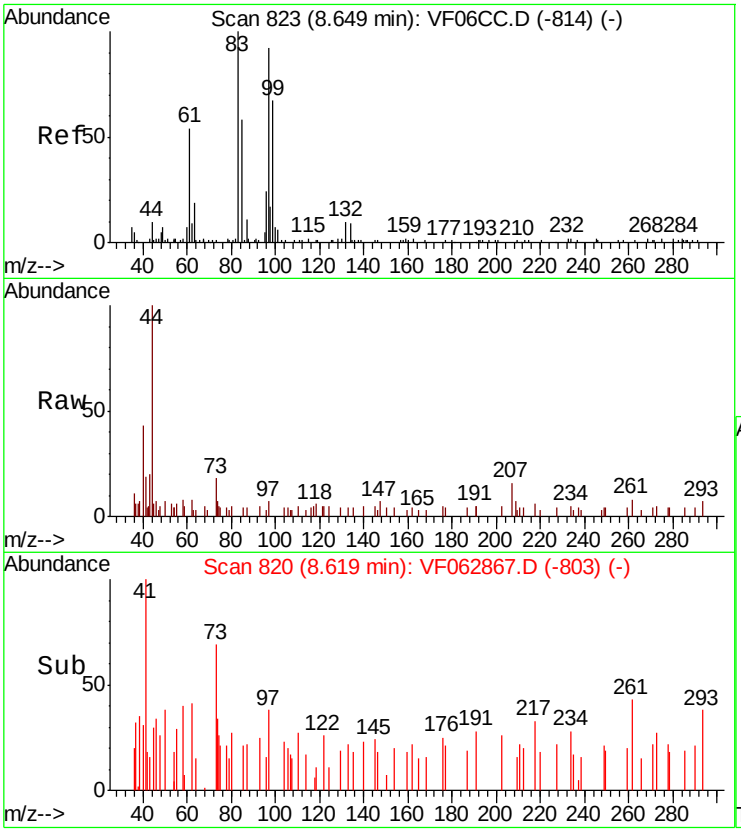


#53
t-1,3-Dichloropropene
Concen: 2.008 ug/l
RT: 8.42 min Scan# 800
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 75 Resp: 436

Ion	Ratio	Lower	Upper
75	100		
77	86.8	25.7	38.5#



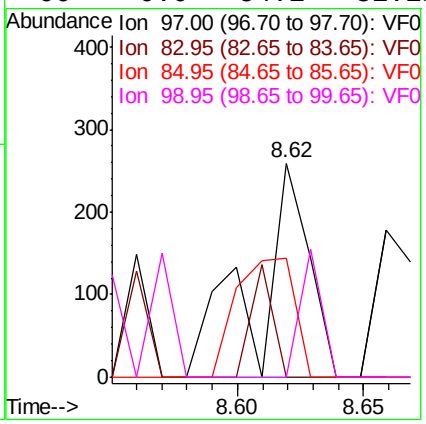


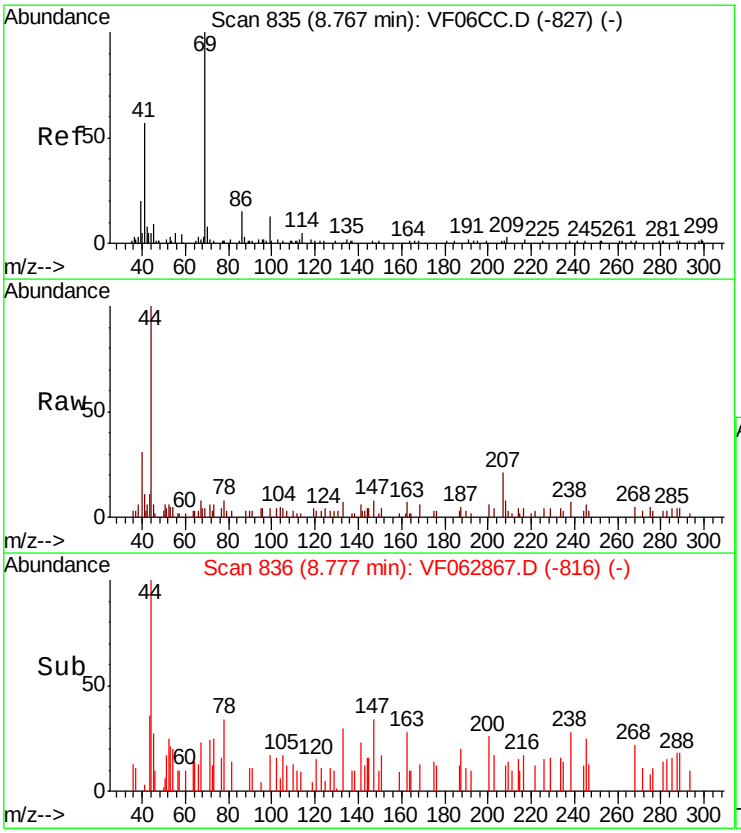
#55
1,1,2-Trichloroethane
Concen: 2.682 ug/l
RT: 8.62 min Scan# 820
Delta R.T. -0.03 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 97 Resp: 379

Ion	Ratio	Lower	Upper
97	100		
83	0.0	72.0	108.0#
85	55.6	47.5	71.3
99	0.0	54.1	81.1#

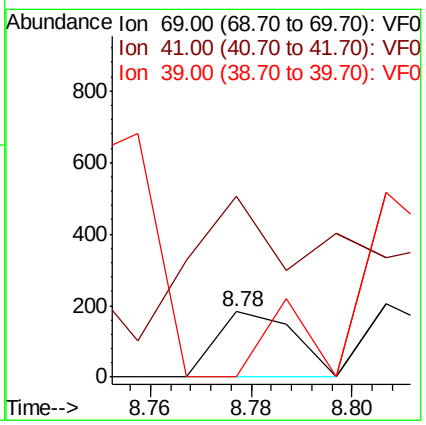


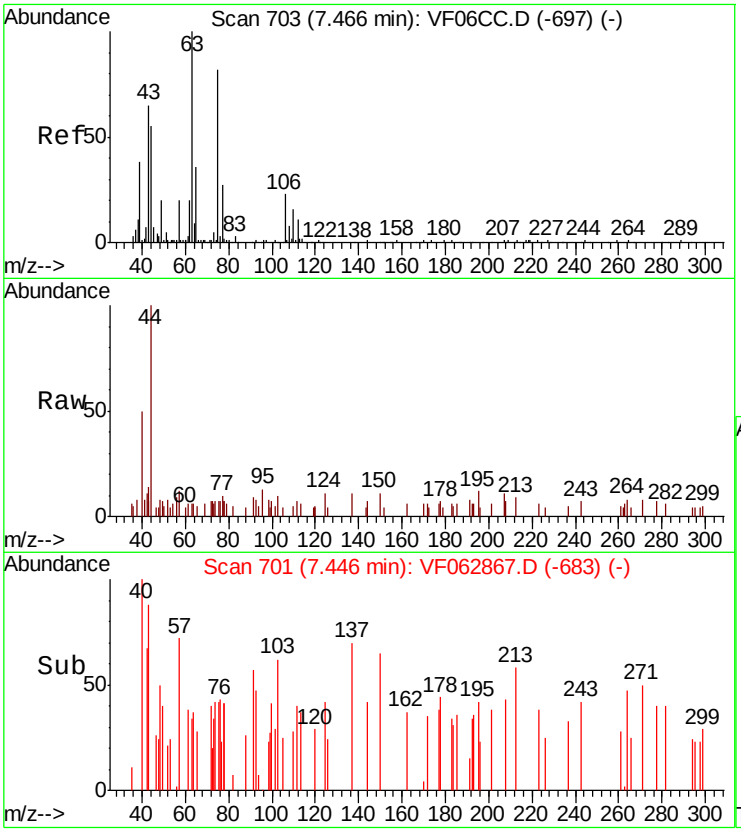


#56
Ethyl methacrylate
Concen: 1.286 ug/l
RT: 8.78 min Scan# 836
Delta R.T. -0.00 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 69 Resp: 195

Ion	Ratio	Lower	Upper
69	100		
41	348.1	46.6	69.8#
39	0.0	19.6	29.4#



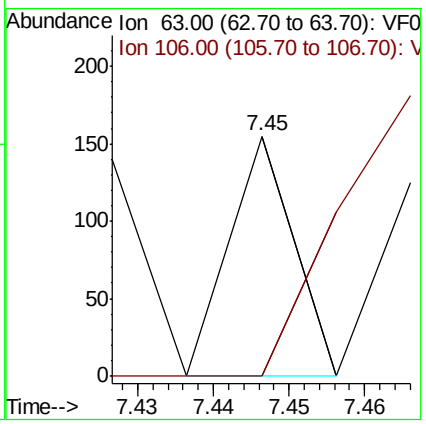


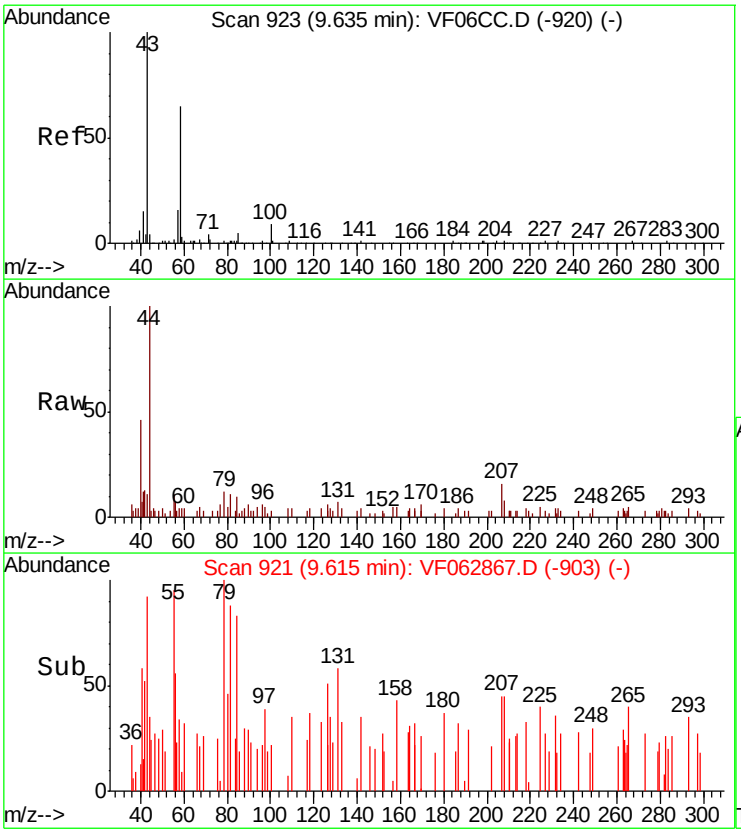
#58
2-Chloroethyl Vinyl ether
Concen: 1.736 ug/l
RT: 7.45 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 92

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.5	29.3#

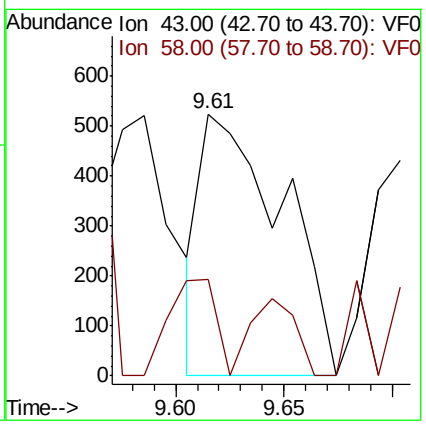


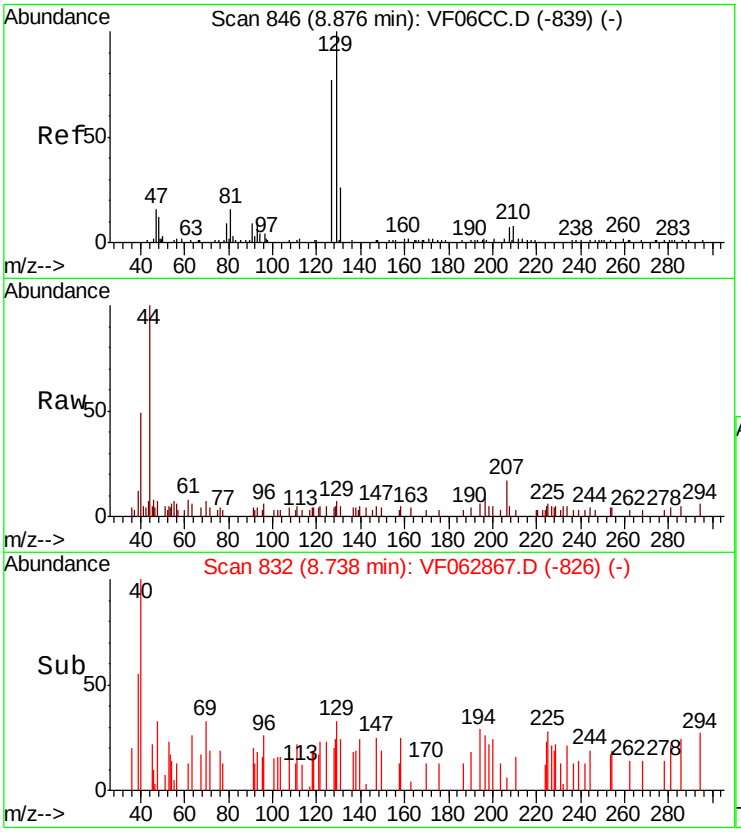


#59
2-Hexanone
Concen: 17.864 ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 43 Resp: 1385

Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.3	87.9



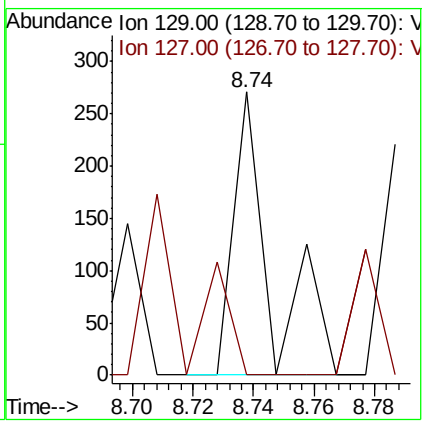


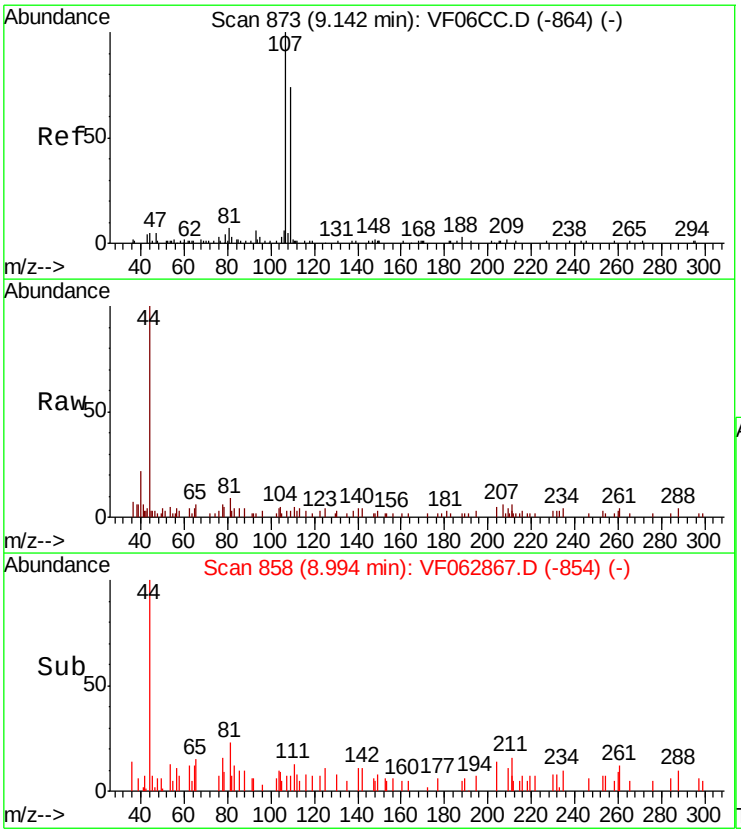
#60
Dibromochloromethane
Concen: 1.343 ug/l
RT: 8.74 min Scan# 832
Delta R.T. -0.14 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:129 Resp: 235

Ion	Ratio	Lower	Upper
129	100		
127	61.3	37.1	111.3

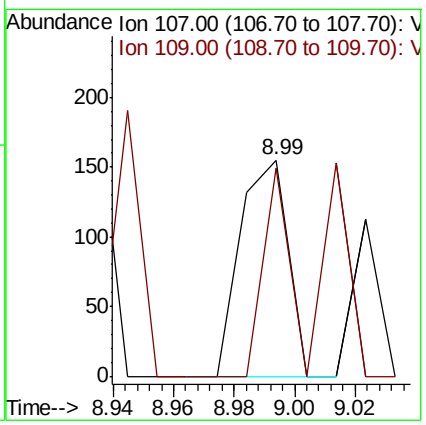


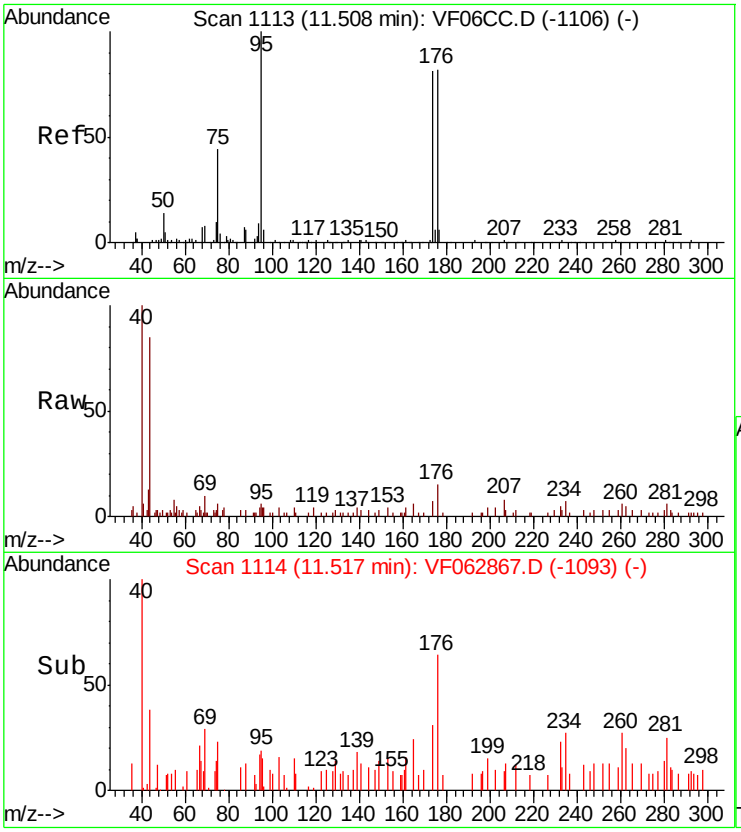


#61
1,2-Dibromoethane
Concen: 1.159 ug/l
RT: 8.99 min Scan# 858
Delta R.T. -0.16 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion:107 Resp: 170

Ion	Ratio	Lower	Upper
107	100		
109	96.1	78.1	117.1



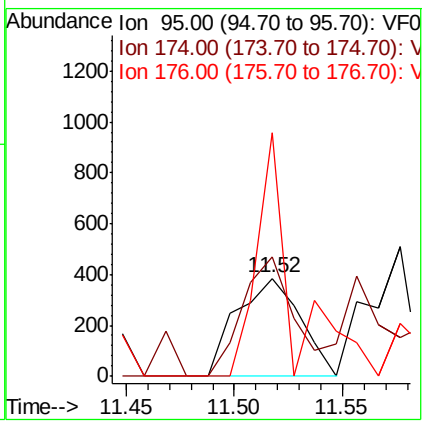


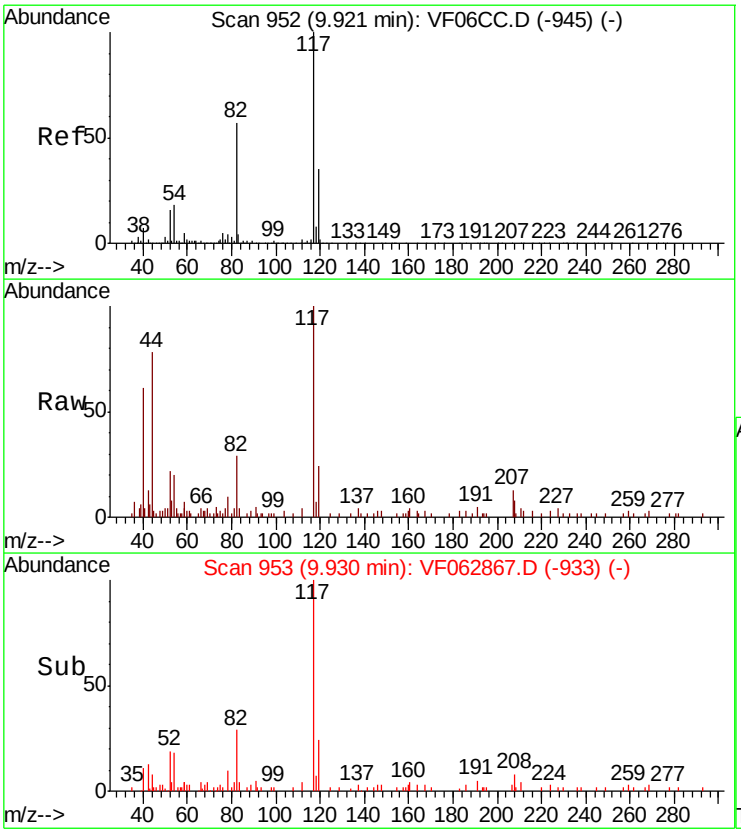
#62
4-Bromofluorobenzene
Concen: 3.489 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 786

Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	170.6
176	156.6	0.0	170.6

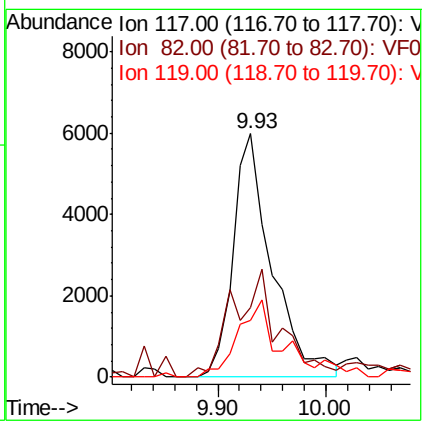


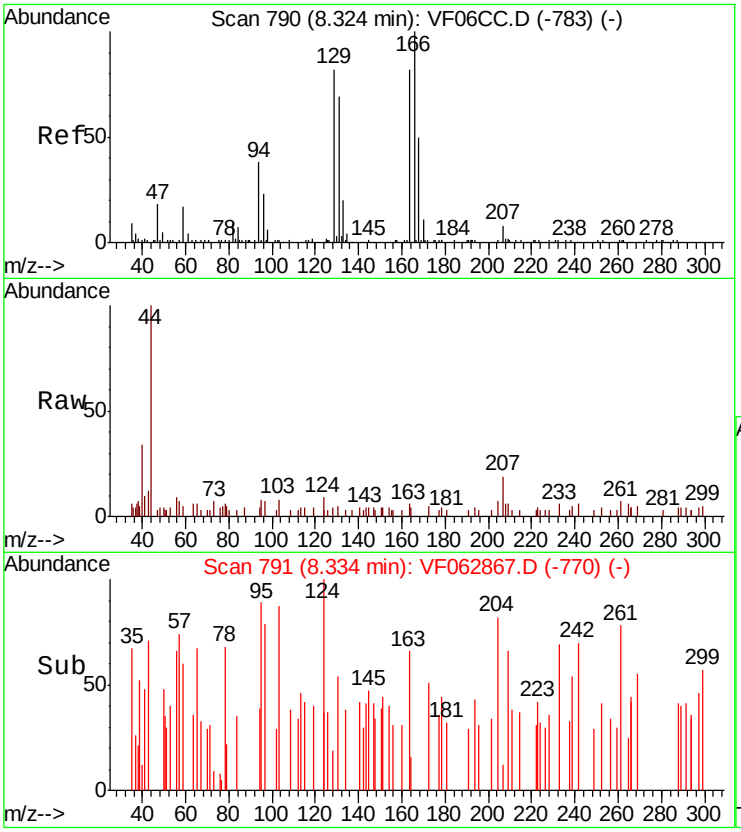


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion:117 Resp: 15021

Ion	Ratio	Lower	Upper
117	100		
82	28.5	42.4	63.6#
119	23.5	27.1	40.7#



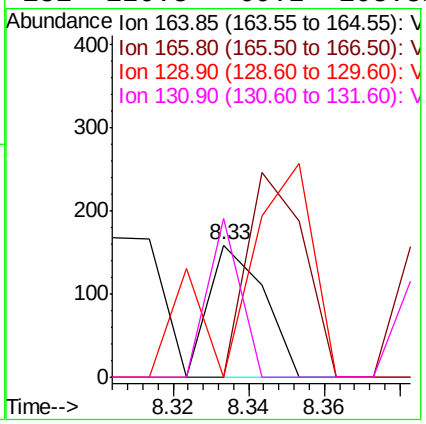


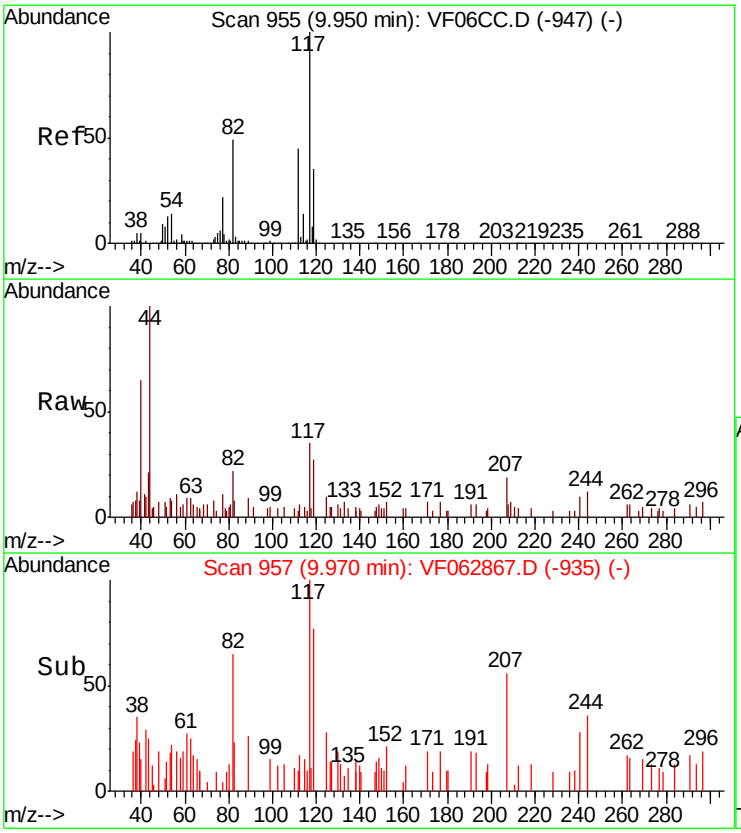
#64
Tetrachloroethene
Concen: 1.377 ug/l
RT: 8.33 min Scan# 791
Delta R.T. 0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:164 Resp: 159

Ion	Ratio	Lower	Upper
164	100		
166	0.0	99.1	148.7#
129	0.0	69.5	104.3#
131	120.3	69.2	103.8#

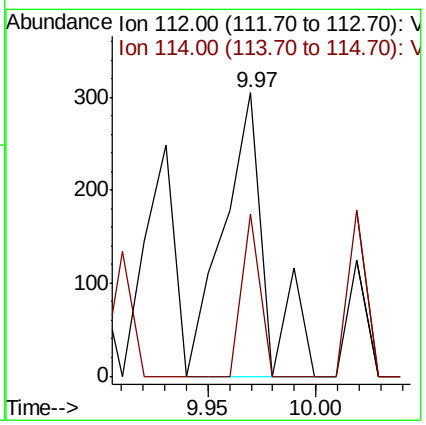


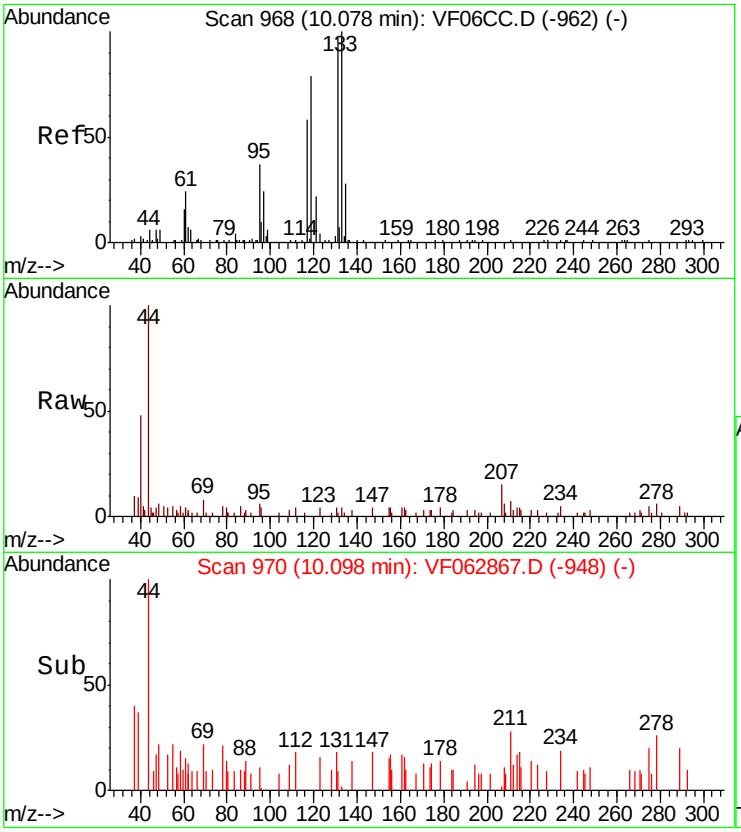


#65
Chlorobenzene
Concen: 1.448 ug/l
RT: 9.97 min Scan# 957
Delta R.T. 0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion:112 Resp: 420

Ion	Ratio	Lower	Upper
112	100		
114	57.0	27.4	41.0#



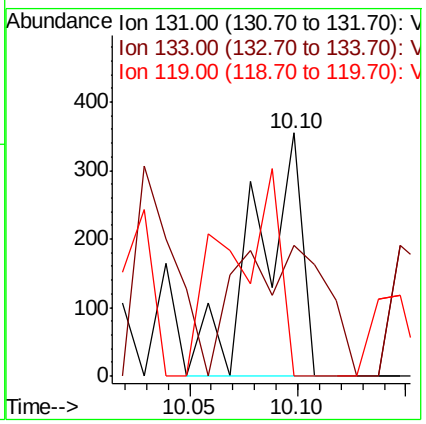


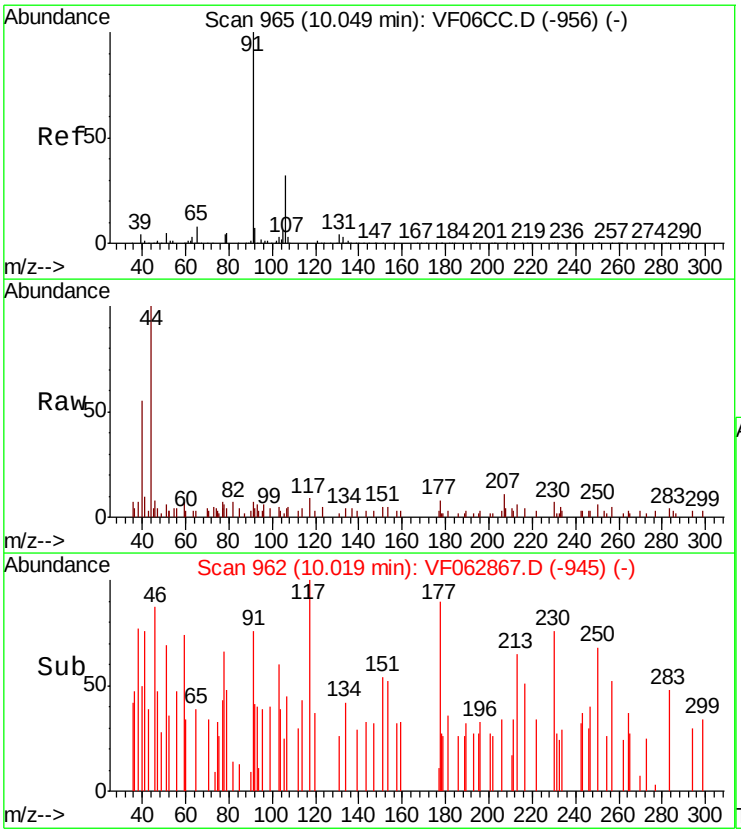
#66
1,1,1,2-Tetrachloroethane
Concen: 4.475 ug/l
RT: 10.10 min Scan# 970
Delta R.T. 0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:131 Resp: 517

Ion	Ratio	Lower	Upper
131	100		
133	53.8	48.9	146.7
119	0.0	38.0	114.0#

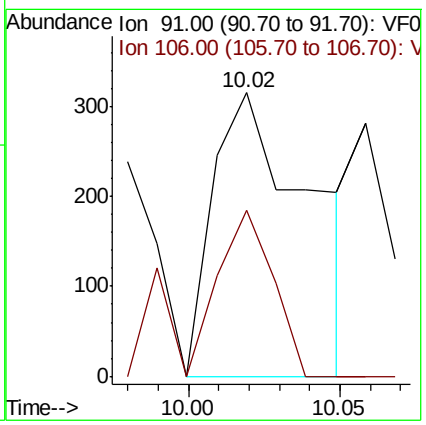


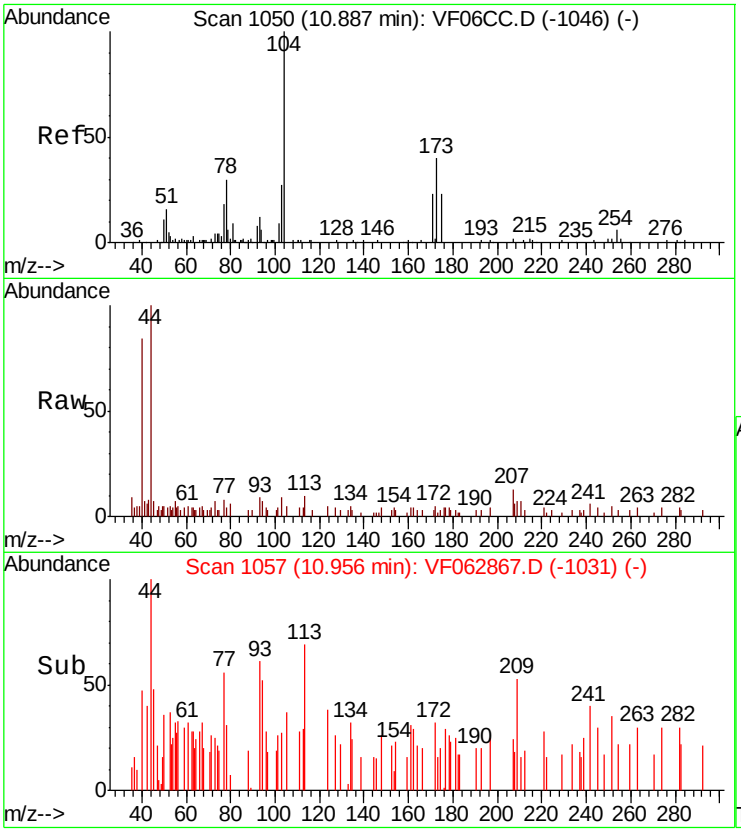


#67
Ethyl Benzene
Concen: 1.402 ug/l
RT: 10.02 min Scan# 962
Delta R.T. -0.03 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 91 Resp: 698

Ion	Ratio	Lower	Upper
91	100		
106	58.4	26.0	39.0#



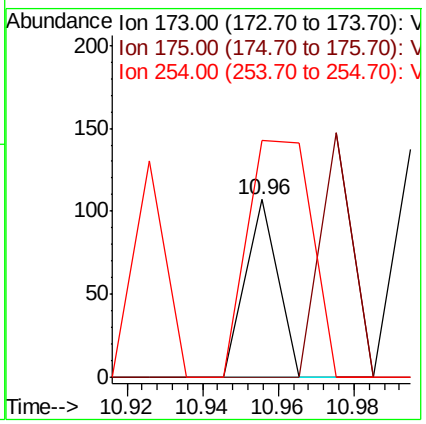


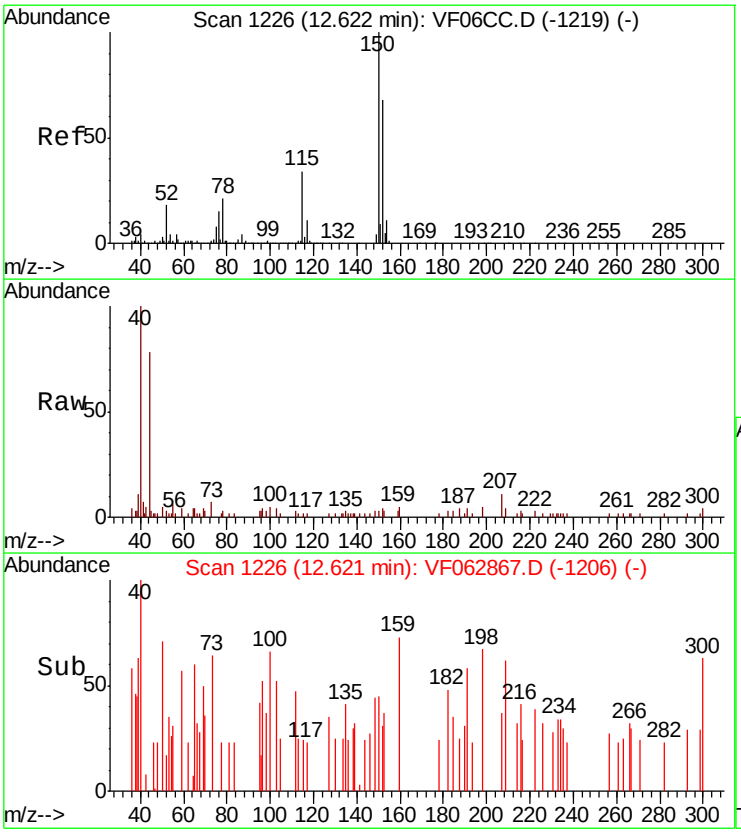
#71
Bromoform
Concen: 1.137 ug/l
RT: 10.96 min Scan# 1057
Delta R.T. 0.06 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:173 Resp: 63

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	74.0#
254	133.6	0.1	0.1#

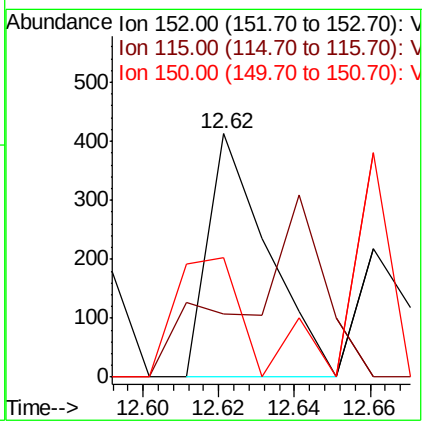


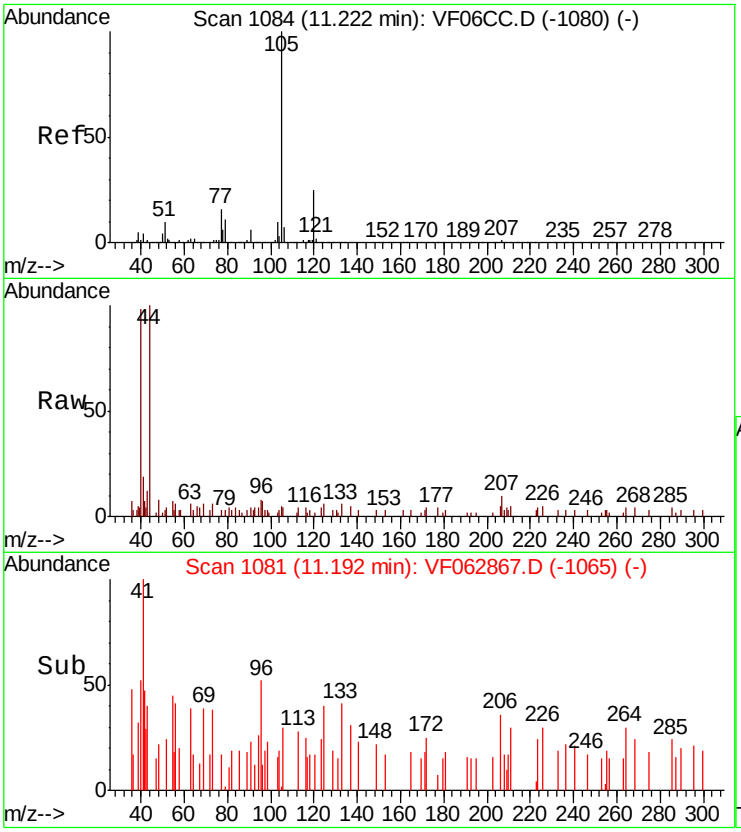


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion:152 Resp: 449

Ion	Ratio	Lower	Upper
152	100		
115	25.9	24.6	74.0
150	48.9	0.0	290.6



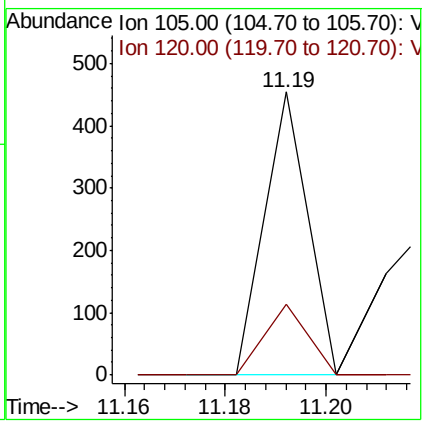


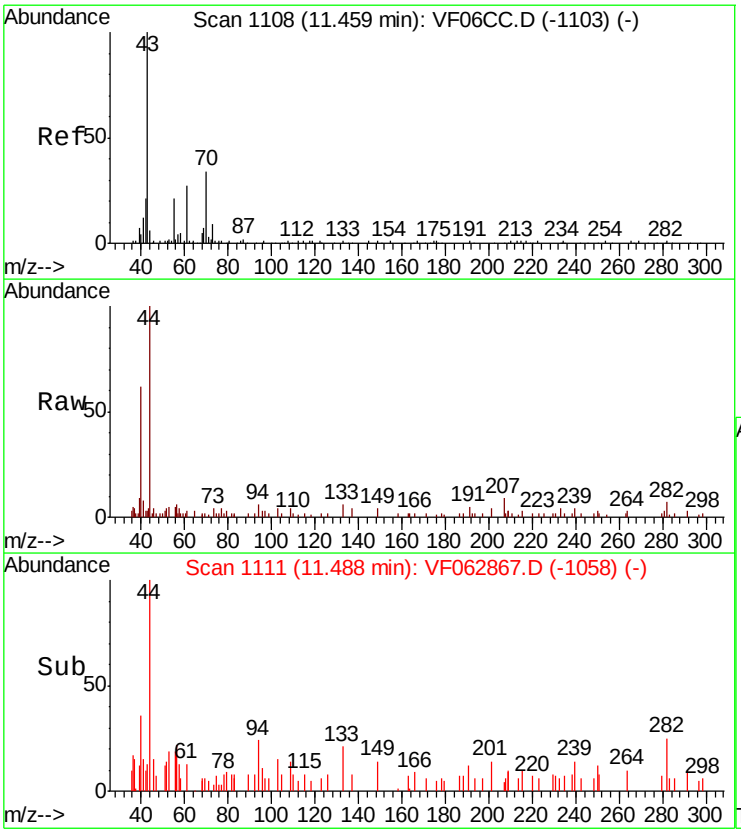
#73
Isopropylbenzene
Concen: 8.586 ug/l
RT: 11.19 min Scan# 1081
Delta R.T. -0.04 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 269

Ion	Ratio	Lower	Upper
105	100		
120	25.1	15.1	45.3

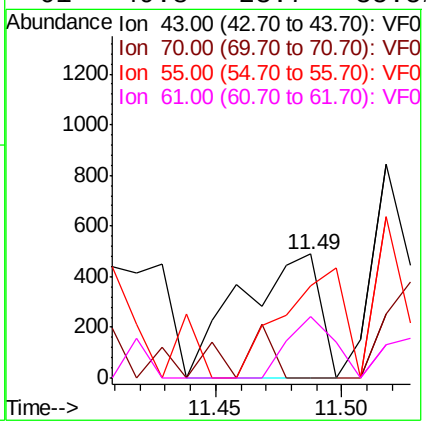


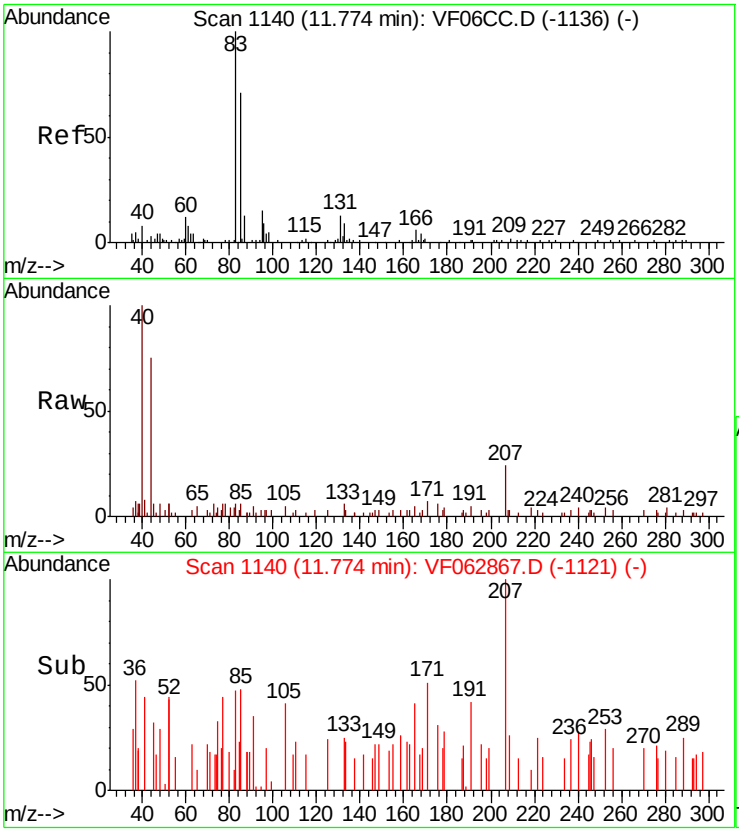


#74
N-amyl acetate
Concen: 121.971 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. 0.03 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 43 Resp: 1077

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.9	49.3#
55	74.1	17.3	25.9#
61	49.8	23.7	35.5#



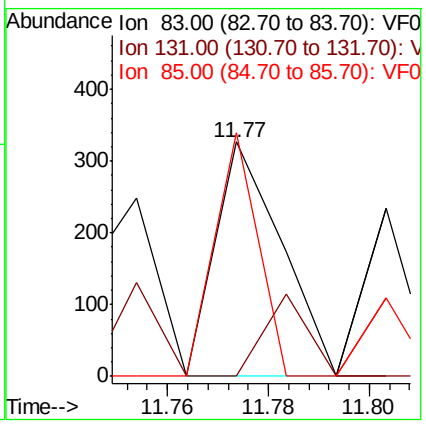


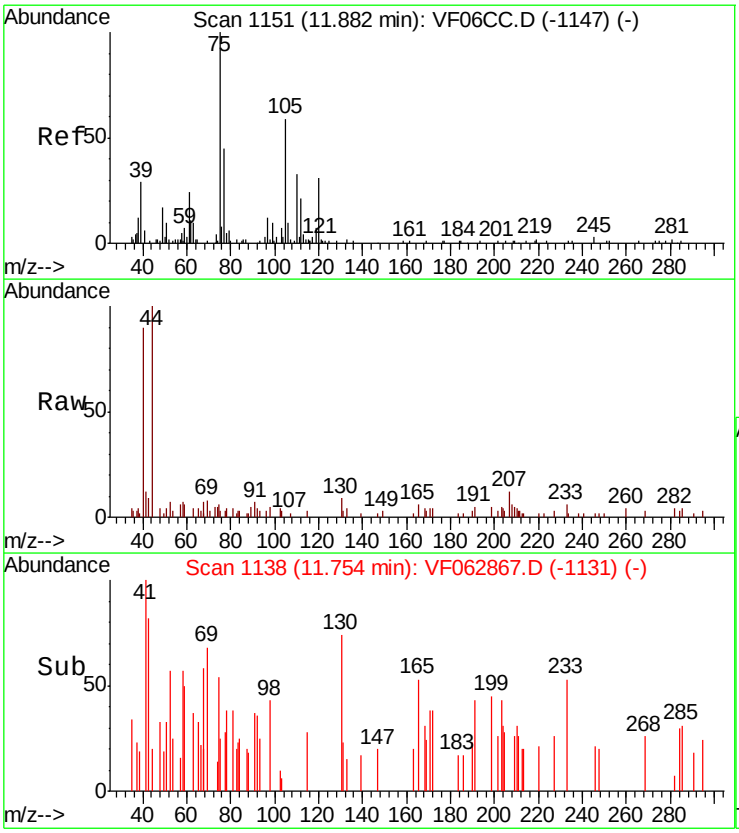
#75
1,1,2,2-Tetrachloroethane
Concen: 44.242 ug/l
RT: 11.77 min Scan# 1140
Delta R.T. -0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 296

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.9	14.7#
85	103.7	32.1	96.5#

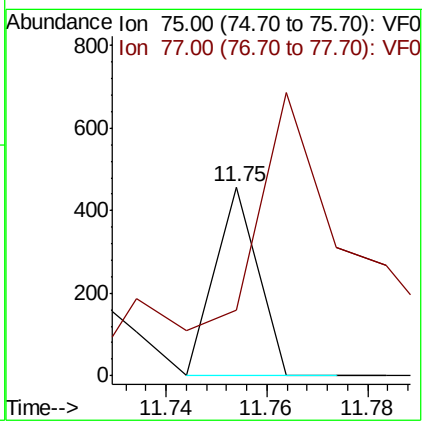


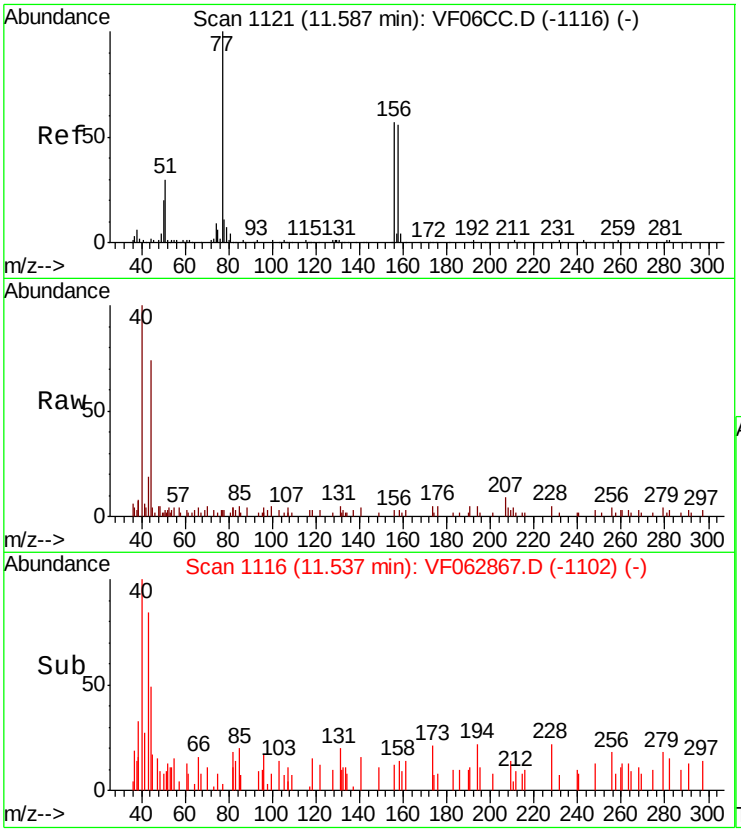


#76
1,2,3-Trichloropropane
Concen: 60.882 ug/l
RT: 11.75 min Scan# 1138
Delta R.T. -0.13 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 75 Resp: 270

Ion	Ratio	Lower	Upper
75	100		
77	34.8	20.1	60.2



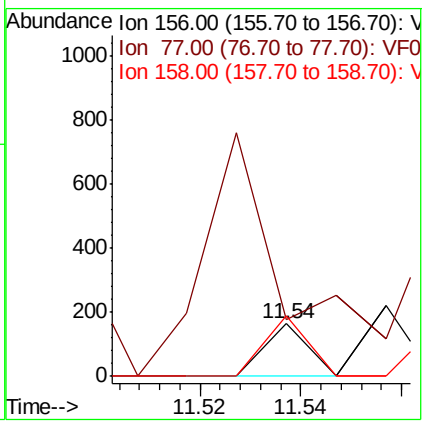


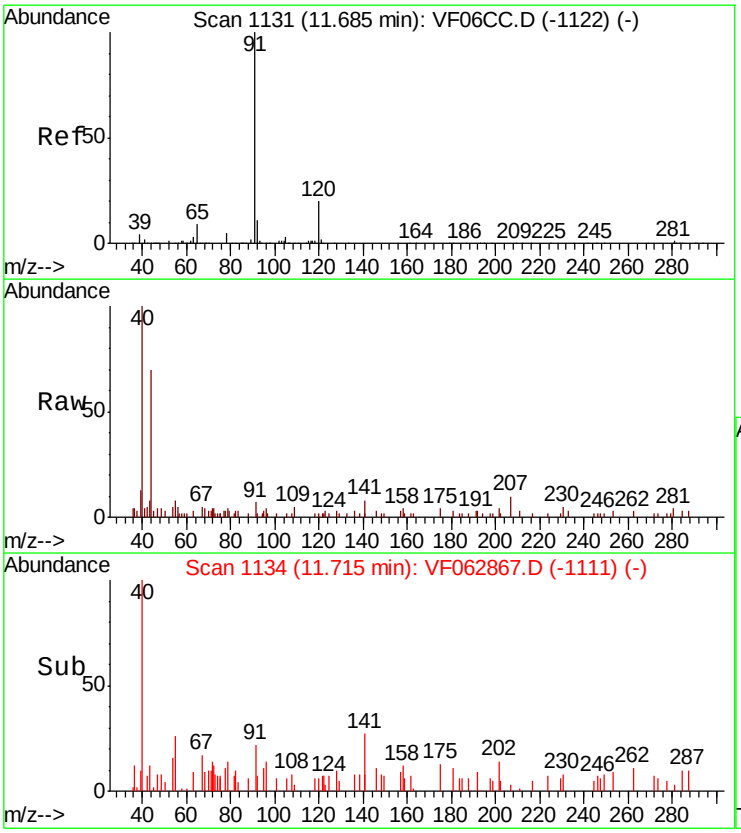
#77
Bromobenzene
Concen: 12.195 ug/l
RT: 11.54 min Scan# 1116
Delta R.T. -0.06 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:156 Resp: 96

Ion	Ratio	Lower	Upper
156	100		
77	109.2	64.2	192.6
158	116.6	50.3	151.0

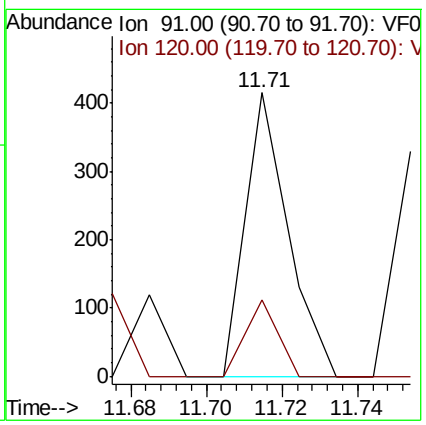


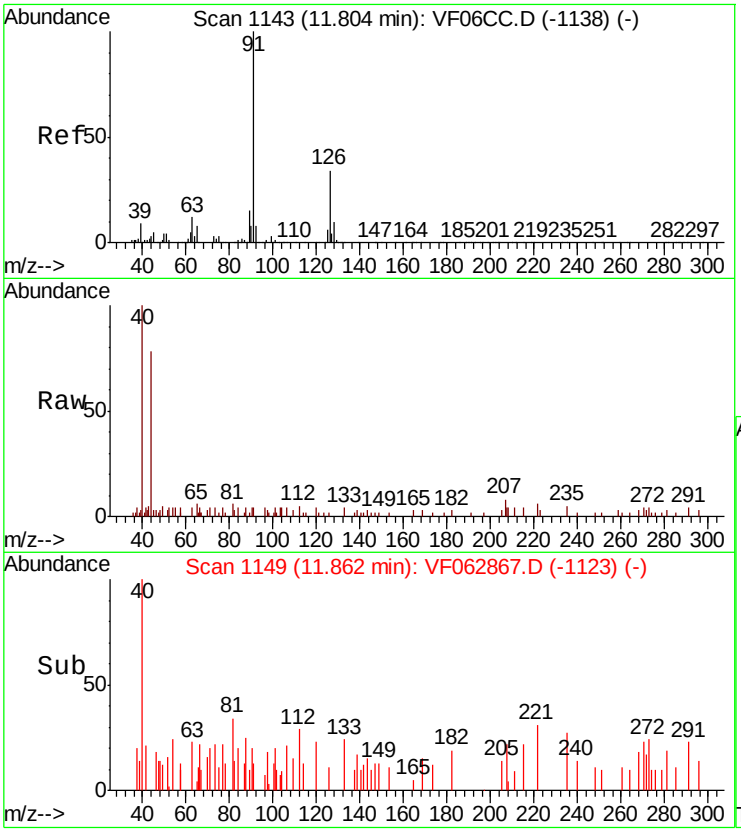


#78
n-propylbenzene
Concen: 8.539 ug/l
RT: 11.71 min Scan# 1134
Delta R.T. 0.03 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 91 Resp: 323

Ion	Ratio	Lower	Upper
91	100		
120	27.0	12.8	38.4



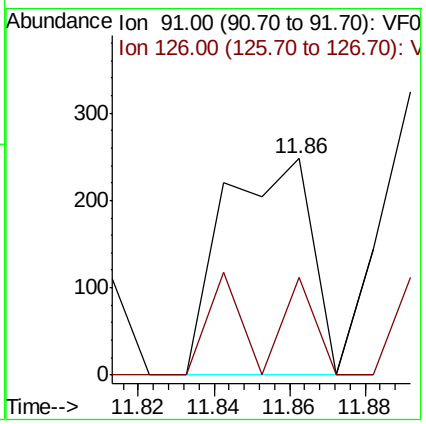


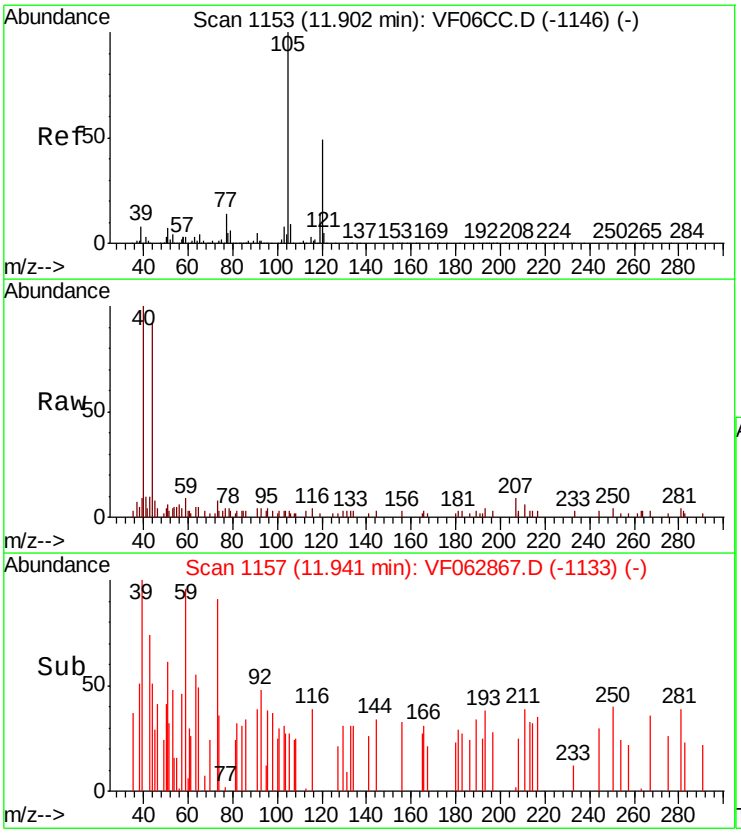
#79
2-Chlorotoluene
Concen: 18.341 ug/l
RT: 11.86 min Scan# 1149
Delta R.T. 0.06 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 397

Ion	Ratio	Lower	Upper
91	100		
126	45.2	17.8	53.3

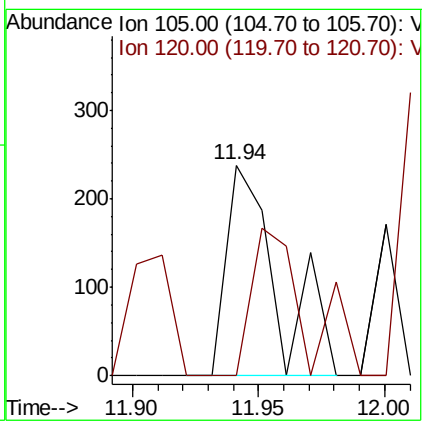


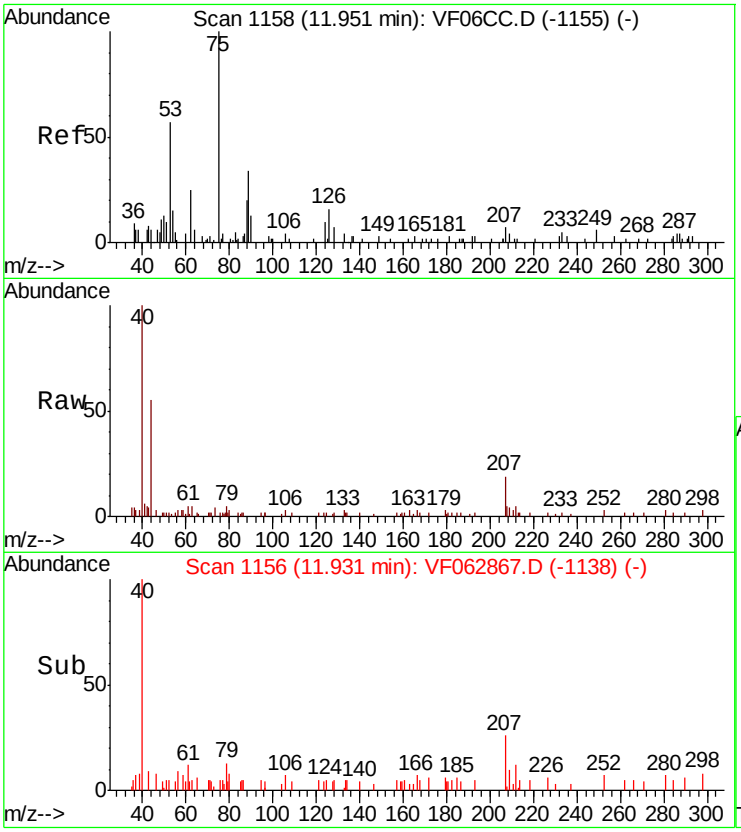


#80
1,3,5-Trimethylbenzene
Concen: 13.036 ug/l
RT: 11.94 min Scan# 1157
Delta R.T. 0.04 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion:105 Resp: 334

Ion	Ratio	Lower	Upper
105	100		
120	0.0	28.7	86.1#



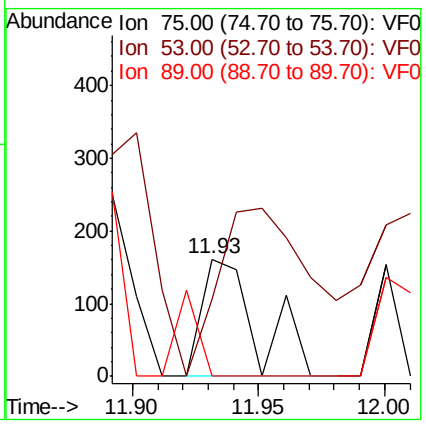


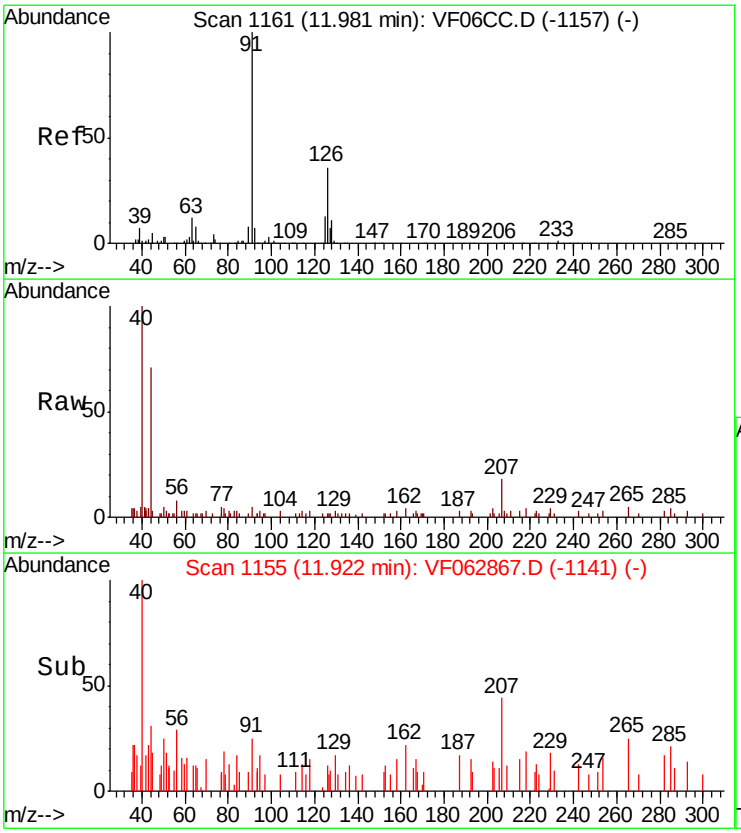
#81
trans-1,4-Dichloro-2-butene
Concen: 132.086 ug/l
RT: 11.93 min Scan# 1156
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 248

Ion	Ratio	Lower	Upper
75	100		
53	66.5	43.5	65.3#
89	0.0	34.3	51.5#

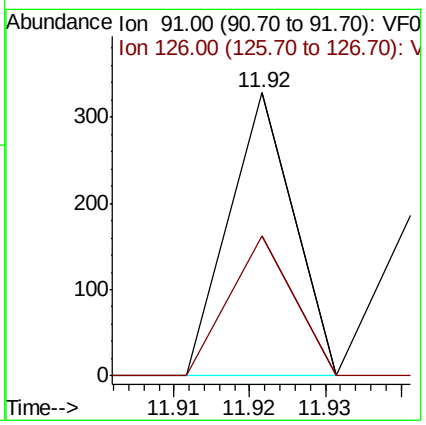


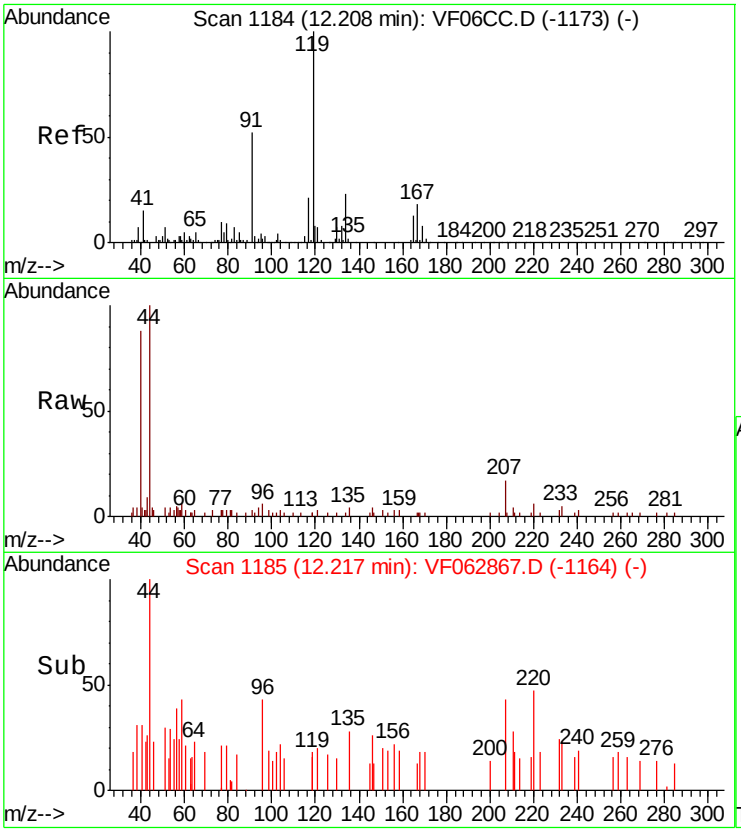


#82
4-Chlorotoluene
Concen: 9.120 ug/l
RT: 11.92 min Scan# 1155
Delta R.T. -0.06 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 91 Resp: 194

Ion	Ratio	Lower	Upper
91	100		
126	49.7	19.1	57.1



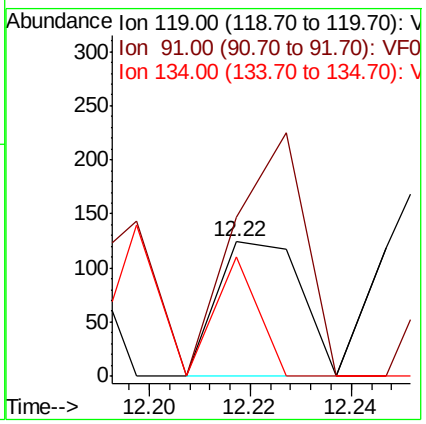


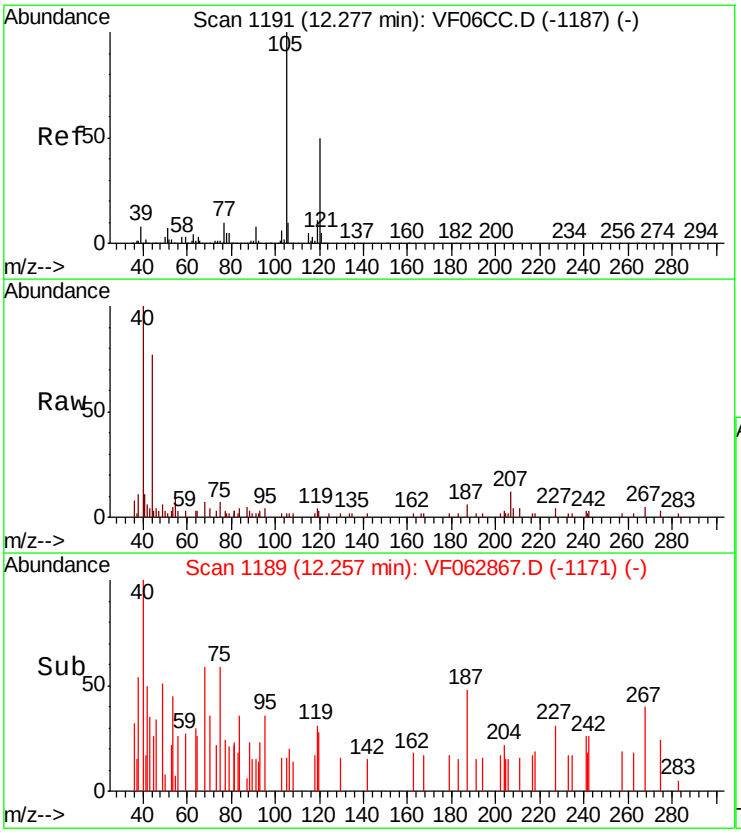
#83
tert-Butylbenzene
Concen: 5.633 ug/l
RT: 12.22 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 143

Ion	Ratio	Lower	Upper
119	100		
91	118.5	28.9	86.7#
134	88.7	14.3	42.9#

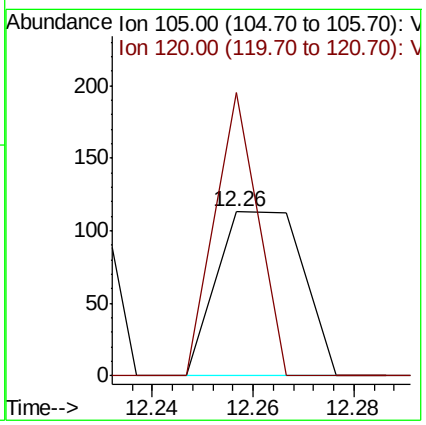


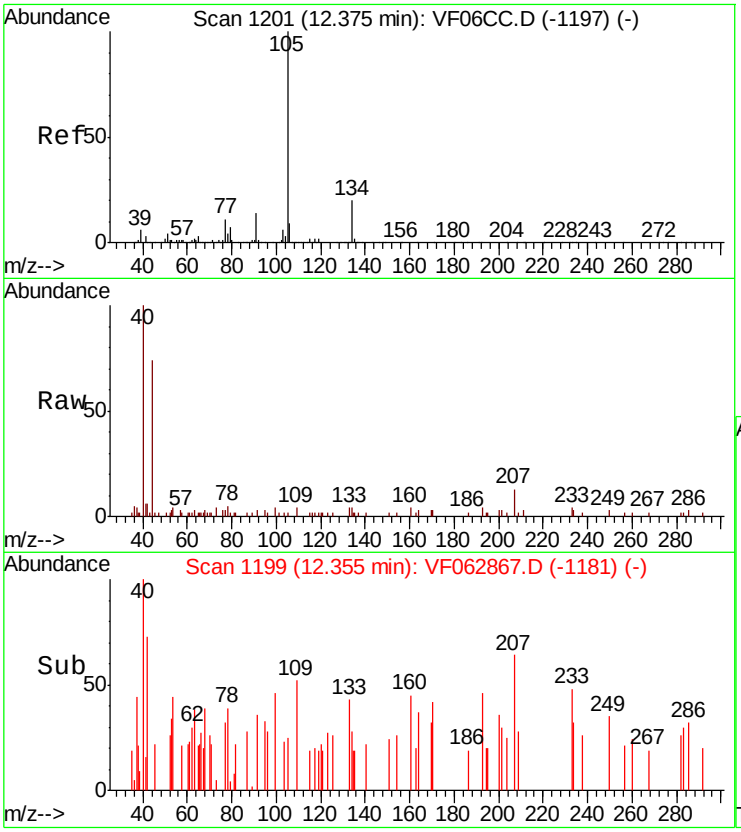


#84
1,2,4-Trimethylbenzene
Concen: 5.475 ug/l
RT: 12.26 min Scan# 1189
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion:105 Resp: 133

Ion	Ratio	Lower	Upper
105	100		
120	172.6	27.1	81.3#



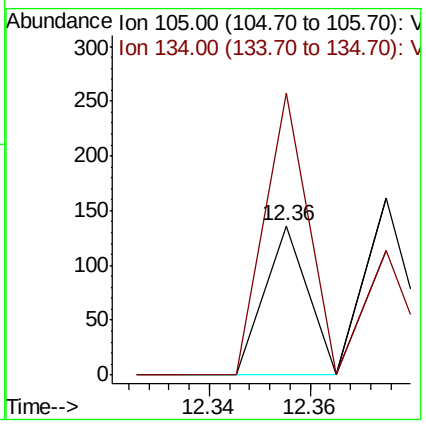


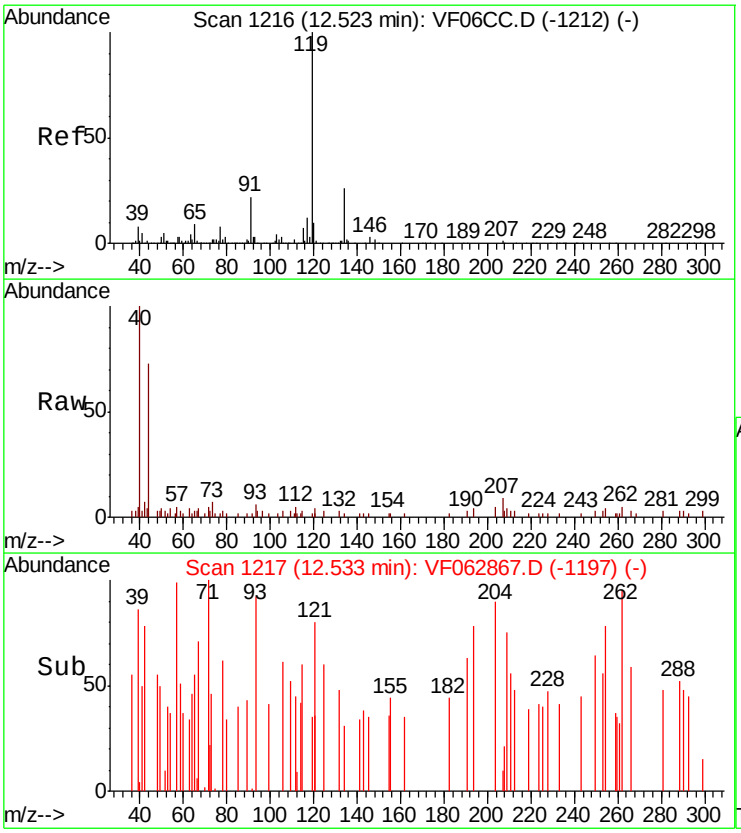
#85
sec-Butylbenzene
Concen: 2.391 ug/l
RT: 12.36 min Scan# 1199
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 80

Ion	Ratio	Lower	Upper
105	100		
134	189.7	10.5	31.6#

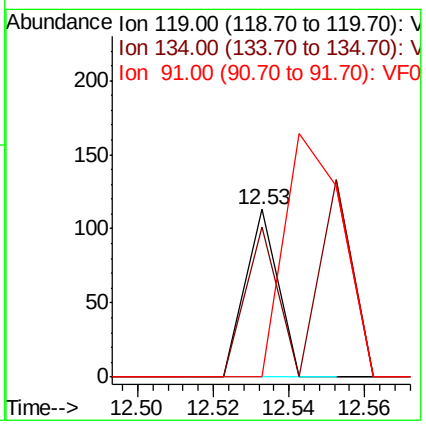


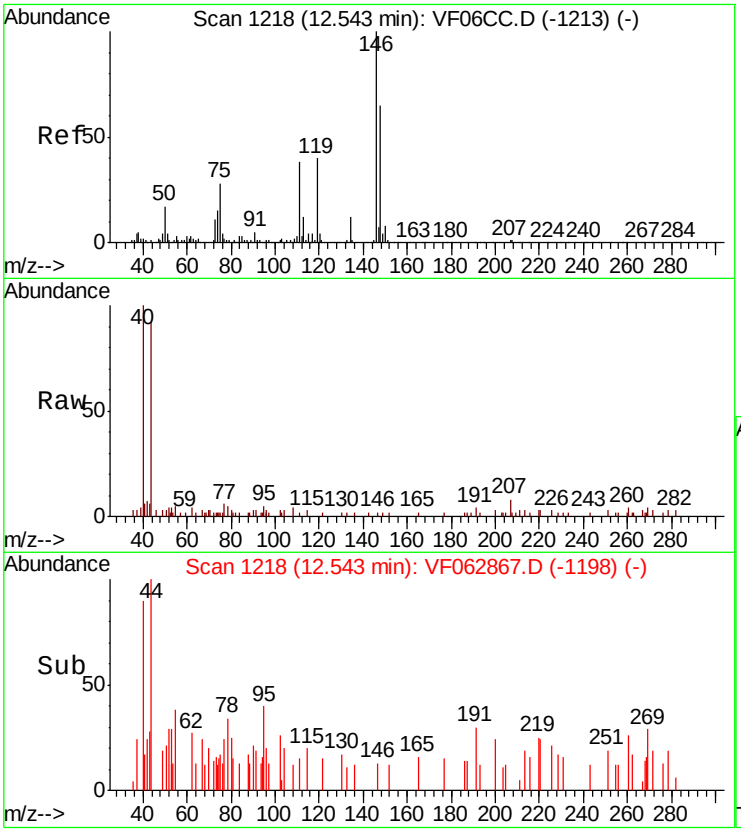


#86
p-Isopropyltoluene
Concen: 2.406 ug/l
RT: 12.53 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion:119 Resp: 67

Ion	Ratio	Lower	Upper
119	100		
134	89.4	15.5	46.5#
91	0.0	10.3	30.9#



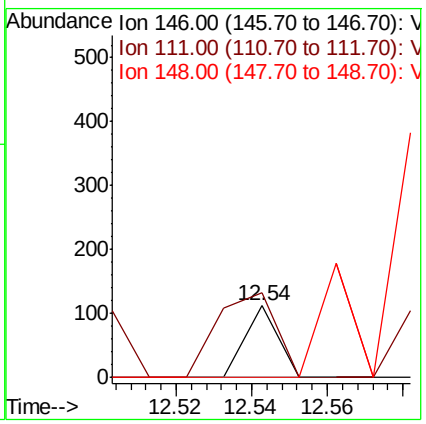


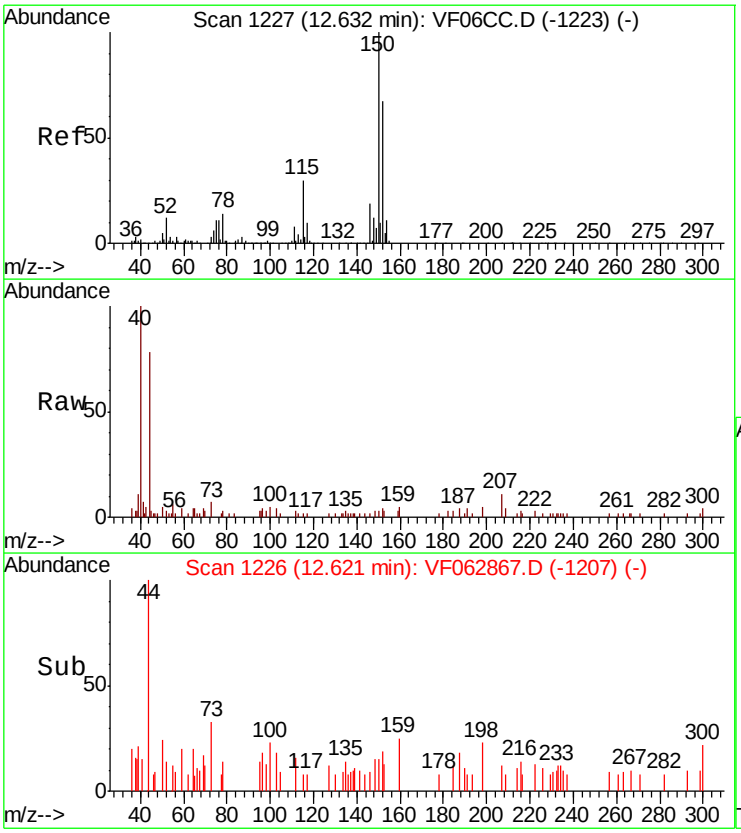
#87
1,3-Dichlorobenzene
Concen: 4.754 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 66

Ion	Ratio	Lower	Upper
146	100		
111	118.9	19.6	58.8#
148	0.0	34.2	102.5#

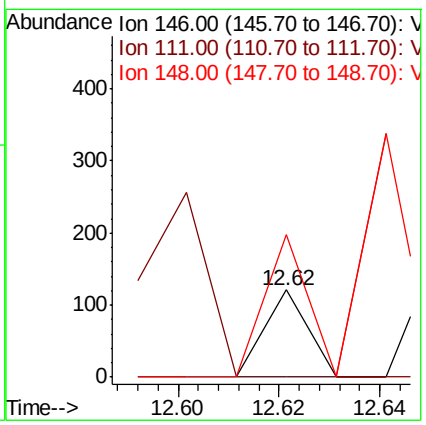


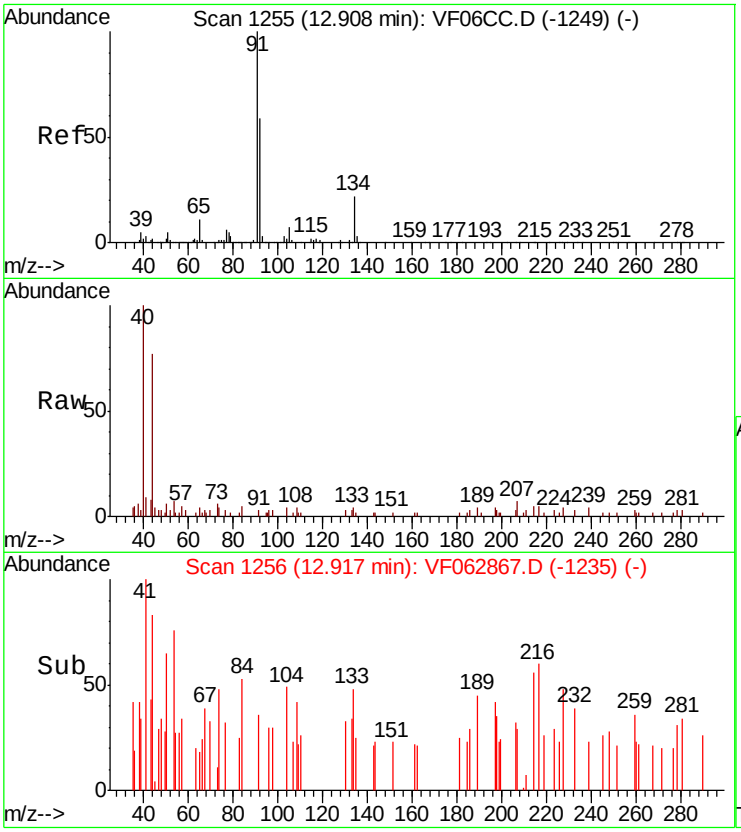


#88
1,4-Dichlorobenzene
Concen: 5.557 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion:146 Resp: 72

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.3	60.9#
148	163.6	34.0	101.8#



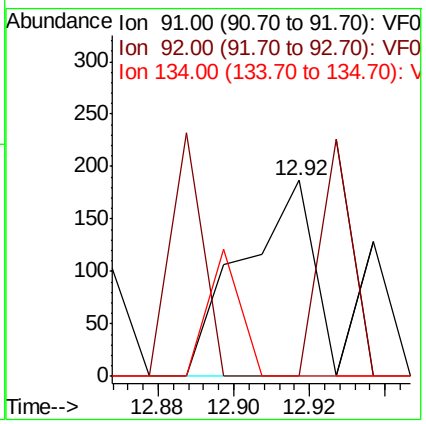


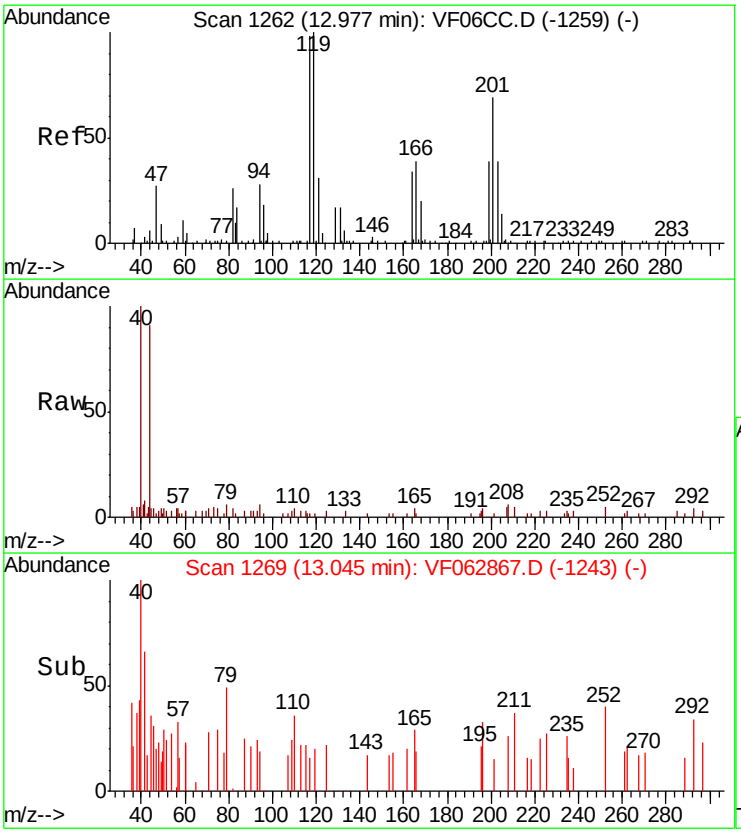
#89
n-Butylbenzene
Concen: 8.640 ug/l
RT: 12.92 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 242

Ion	Ratio	Lower	Upper
91	100		
92	0.0	34.2	102.6#
134	0.0	15.8	47.3#

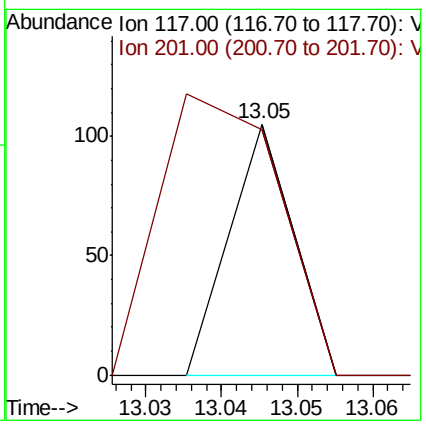


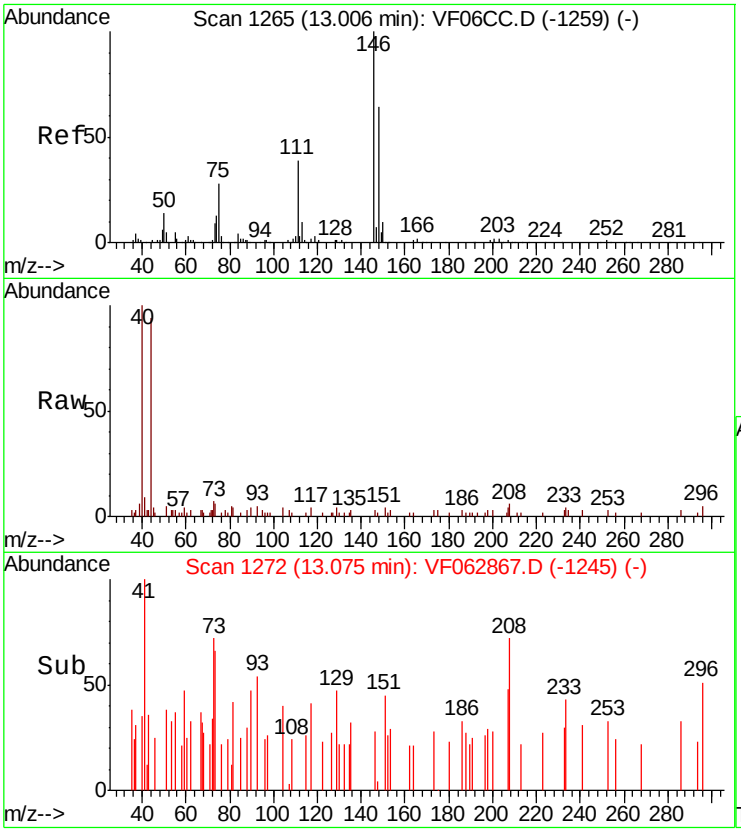


#90
Hexachloroethane
Concen: 9.130 ug/l
RT: 13.05 min Scan# 1269
Delta R.T. 0.06 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion:117 Resp: 62

Ion	Ratio	Lower	Upper
117	100		
201	98.1	38.9	116.7



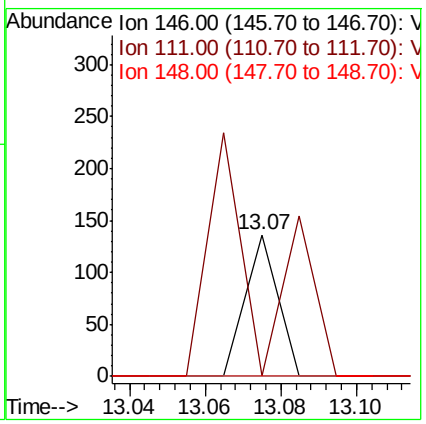


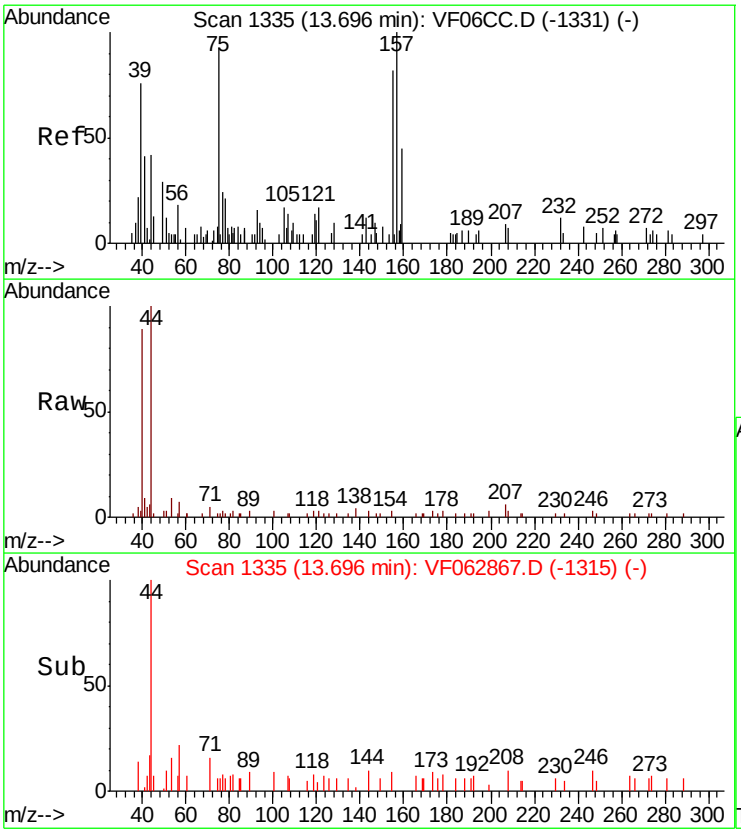
#91
1,2-Dichlorobenzene
Concen: 6.556 ug/l
RT: 13.07 min Scan# 1272
Delta R.T. 0.07 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 80

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.4	61.3#
148	0.0	34.1	102.3#

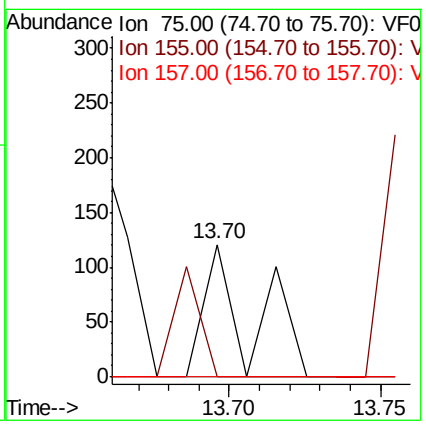


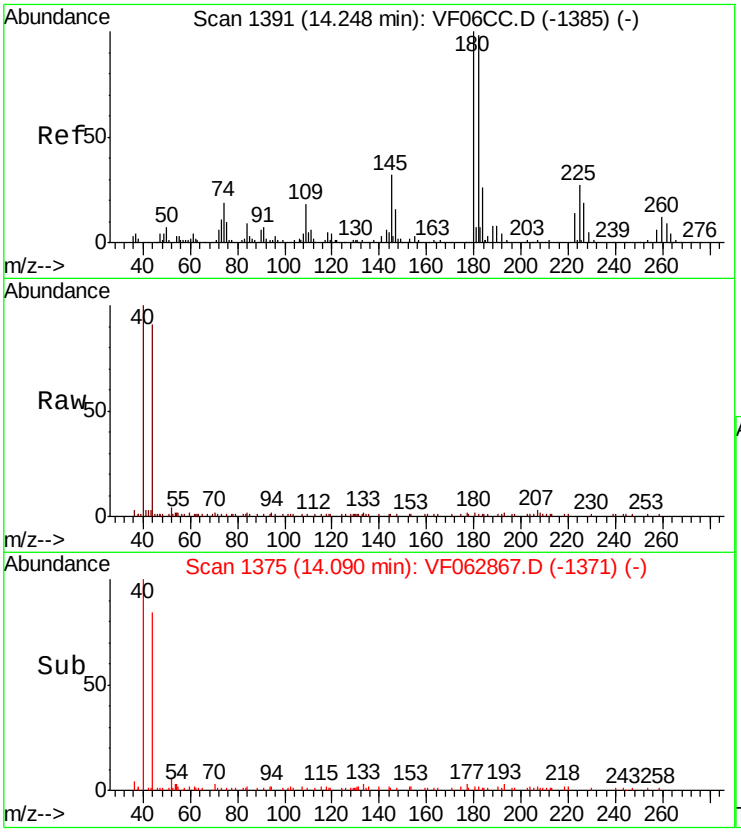


#92
1,2-Dibromo-3-Chloropropane
Concen: 179.722 ug/l
RT: 13.70 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 75 Resp: 131

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.7	155.1#
157	0.0	66.8	200.6#



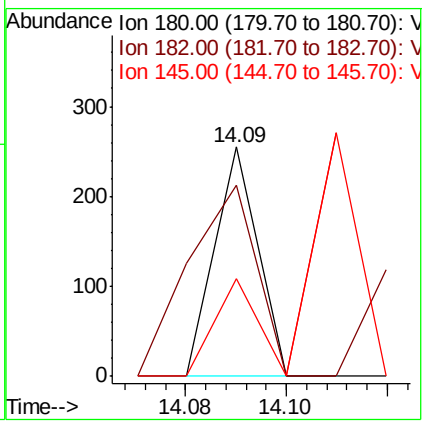


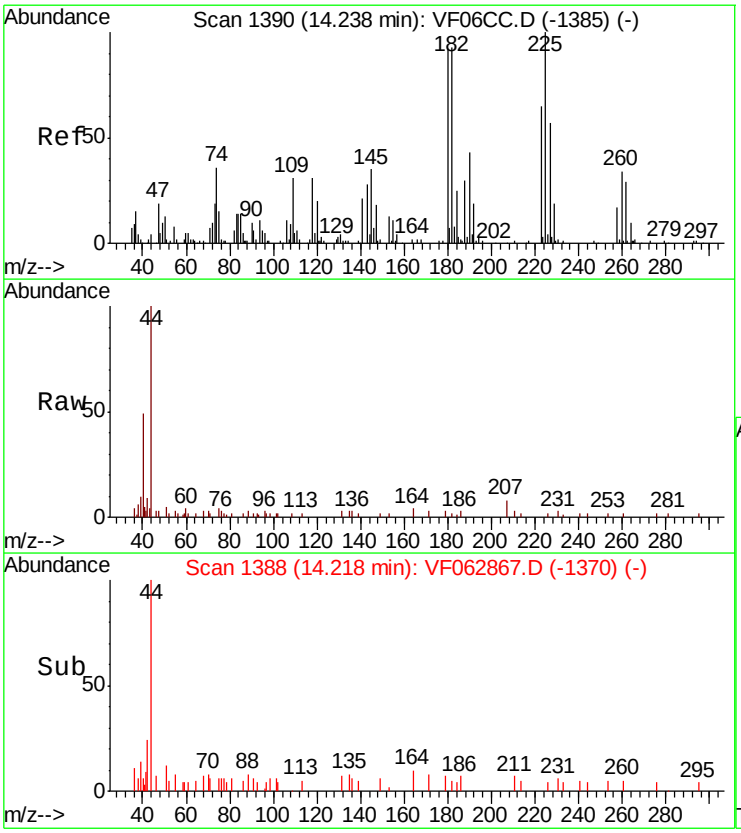
#93
1,2,4-Trichlorobenzene
Concen: 18.023 ug/l
RT: 14.09 min Scan# 1375
Delta R.T. -0.16 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:180 Resp: 151

Ion	Ratio	Lower	Upper
180	100		
182	83.1	50.3	150.9
145	42.7	15.4	46.2

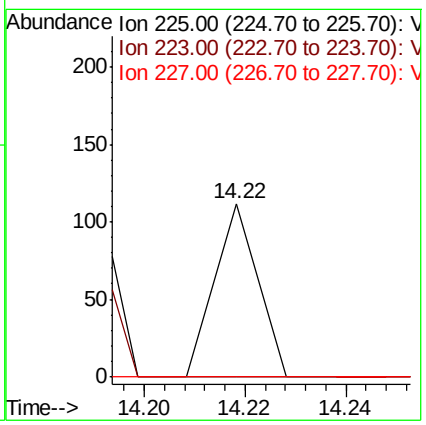


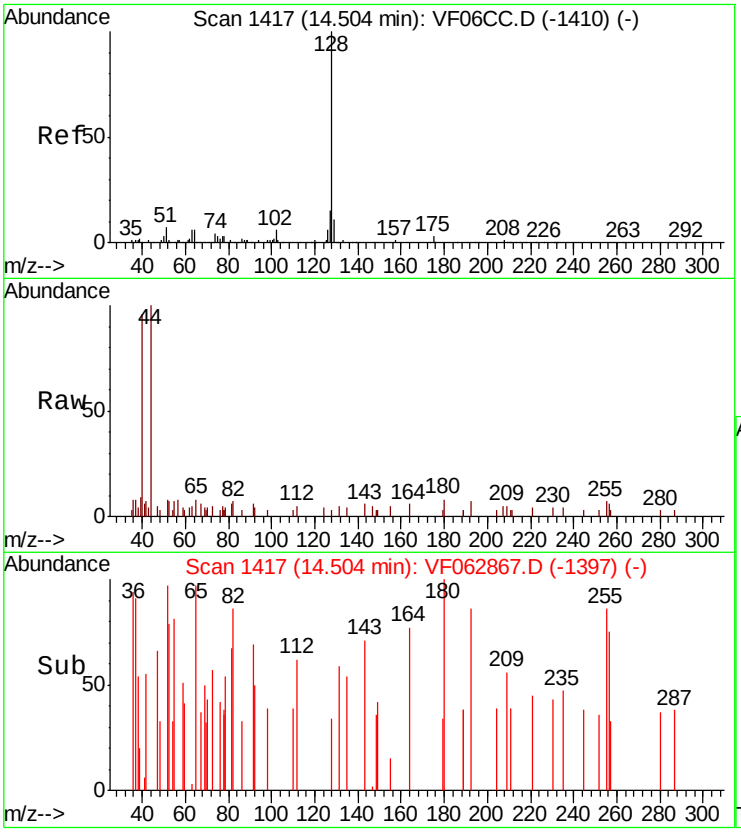


#94
Hexachlorobutadiene
Concen: 11.387 ug/l
RT: 14.22 min Scan# 1388
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion:225 Resp: 66

Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.8	92.4#
227	0.0	31.9	95.5#



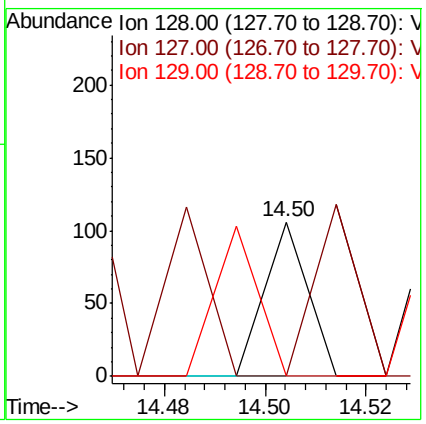


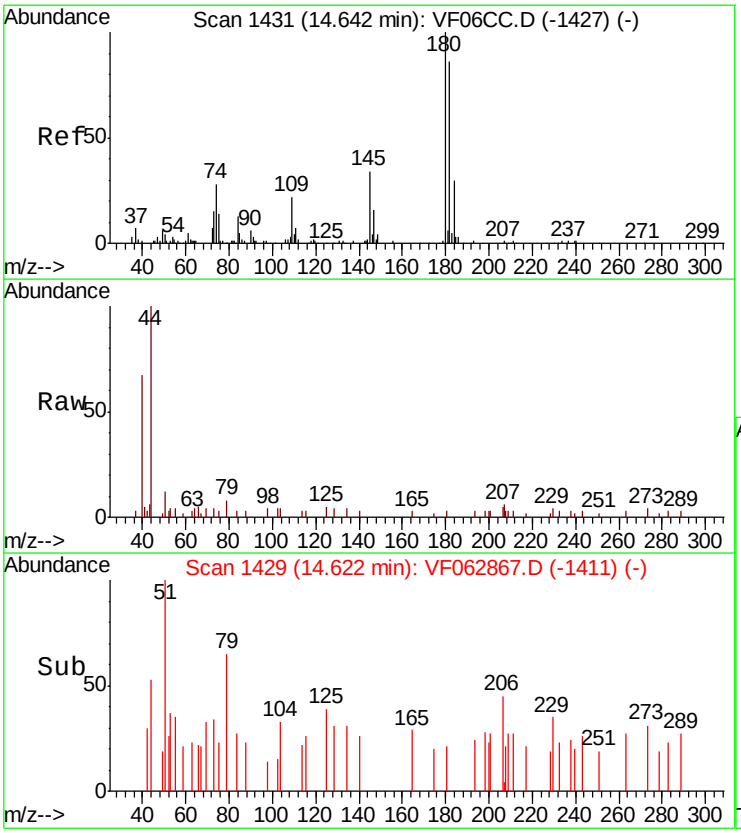
#95
Naphthalene
Concen: 4.590 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 63

Ion	Ratio	Lower	Upper
128	100		
127	100.0	9.7	14.5#
129	0.0	9.4	14.2#





#96
1,2,3-Trichlorobenzene
Concen: 8.891 ug/l
RT: 14.62 min Scan# 1429
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion:180 Resp: 68

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.6	145.9#
145	0.0	15.7	47.0#