Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF043019\
Data File : VF062338.D
Acq On : 30 Apr 2019 18:19
Operator : FY/SY
Sample : K2191-01RE
Misc : 3.57g/5mL/MSVOA_F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Quant Time: May 01 07:59:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	22661	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	25194	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.88	117	12334	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.60	152	3725	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	5412	29.48	ug/l	-0.03
Spiked Amount 50.000			Recovery = 58.96%			
35) Dibromofluoromethane	4.29	113	7964	42.63	ug/l	-0.04
Spiked Amount 50.000			Recovery = 85.26%			
50) Toluene-d8	7.69	98	19577	42.91	ug/l	-0.04
Spiked Amount 50.000			Recovery = 85.82%			
62) 4-Bromofluorobenzene	11.48	95	4763	25.33	ug/l	-0.03
Spiked Amount 50.000			Recovery = 50.66%			
Target Compounds						Qvalue
3) Chloromethane	1.11	50	428	1.887	ug/l #	44
5) Bromomethane	1.40	94	457	3.132	ug/l #	68
8) Diethyl Ether	1.72	74	248	4.009	ug/l	94
11) Tert butyl alcohol	2.75	59	60	5.404	ug/l #	71
12) 1,1-Dichloroethene	1.88	96	376	1.967	ug/l #	1
13) Acrolein	2.09	56	260	32.401	ug/l #	10
14) Allyl chloride	2.21	41	648	3.114	ug/l #	18
15) Acrylonitrile	3.09	53	256	8.324	ug/l #	61
16) Acetone	2.32	43	4516	109.885	ug/l	94
17) Carbon Disulfide	1.85	76	830	1.650	ug/l #	3
18) Methyl Acetate	2.44	43	449	3.066	ug/l #	90
19) Methyl tert-butyl Ether	2.50	73	1723	4.727	ug/l #	26
20) Methylene Chloride	2.27	84	1175	1.587	ug/l #	54
23) Vinyl Acetate	3.37	43	833	3.354	ug/l #	78
25) 2-Butanone	4.47	43	920	14.118	ug/l #	57
26) 2,2-Dichloropropane	3.87	77	516	3.108	ug/l	92
27) cis-1,2-Dichloroethene	3.63	96	325	1.358	ug/l #	6
29) Tetrahydrofuran	4.25	42	185	6.461	ug/l #	45
37) Ethyl Acetate	4.29	43	345	3.528	ug/l #	3
41) Methacrylonitrile	4.93	41	395	7.271	ug/l #	33
43) Isopropyl Acetate	7.09	43	2356	23.400	ug/l #	90
48) Methyl methacrylate	6.83	41	355	4.955	ug/l #	30
49) 1,4-Dioxane	6.73	88	67	81.217	ug/l #	1
51) 4-Methyl-2-Pentanone	8.38	43	8037	104.313	ug/l	92
54) cis-1,3-Dichloropropene	7.42	75	206	1.017	ug/l #	1
56) Ethyl methacrylate	8.74	69	3710	36.694	ug/l #	84
58) 2-Chloroethyl Vinyl ether	7.39	63	69	2.243	ug/l #	44
59) 2-Hexanone	9.61	43	6059	121.539	ug/l	97
65) Chlorobenzene	9.90	112	695	3.084	ug/l #	67
66) 1,1,1,2-Tetrachloroethane	10.03	131	174	1.639	ug/l #	1
67) Ethyl Benzene	10.01	91	2010	5.130	ug/l #	84
68) m/p-Xylenes	10.24	106	937	6.423	ug/l #	46
69) o-Xylene	10.81	106	432	2.651	ug/l	75
70) Styrene	10.87	104	1470	6.239	ug/l #	84

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF043019\
Data File : VF062338.D
Acq On : 30 Apr 2019 18:19
Operator : FY/SY
Sample : K2191-01RE
Misc : 3.57g/5mL/MSVOA_F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Quant Time: May 01 07:59:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) Bromoform	10.87	173	65	1.088	ug/l	#	31
73) Isopropylbenzene	11.20	105	1518	5.948	ug/l		99
74) N-amyl acetate	11.43	43	1381	23.485	ug/l	#	63
75) 1,1,2,2-Tetrachloroethane	11.76	83	76	1.874	ug/l	#	23
76) 1,2,3-Trichloropropane	11.85	75	396	13.765	ug/l	#	100
77) Bromobenzene	11.57	156	458	7.178	ug/l	#	55
78) n-propylbenzene	11.66	91	2148	7.999	ug/l		87
79) 2-Chlorotoluene	11.79	91	1380	8.531	ug/l		96
80) 1,3,5-Trimethylbenzene	11.88	105	1136	5.273	ug/l		93
81) trans-1,4-Dichloro-2-buten	11.97	75	351	27.295	ug/l	#	31
82) 4-Chlorotoluene	11.96	91	1329	8.303	ug/l		75
83) tert-Butylbenzene	12.18	119	1127	5.097	ug/l		98
84) 1,2,4-Trimethylbenzene	12.26	105	1104	5.291	ug/l		86
85) sec-Butylbenzene	12.36	105	1507	5.472	ug/l		91
86) p-Isopropyltoluene	12.51	119	887	3.592	ug/l		87
87) 1,3-Dichlorobenzene	12.53	146	665	5.891	ug/l	#	84
88) 1,4-Dichlorobenzene	12.60	146	917	8.568	ug/l	#	85
89) n-Butylbenzene	12.89	91	909	4.052	ug/l	#	87
90) Hexachloroethane	12.96	117	651	10.518	ug/l	#	46
91) 1,2-Dichlorobenzene	13.01	146	474	4.375	ug/l	#	24
92) 1,2-Dibromo-3-Chloropropan	13.69	75	142	17.360	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.22	180	447	4.696	ug/l	#	48
94) Hexachlorobutadiene	14.21	225	251	3.667	ug/l	#	46
95) Naphthalene	14.48	128	449	3.045	ug/l	#	69
96) 1,2,3-Trichlorobenzene	14.62	180	221	2.455	ug/l	#	45

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF043019\
Data File : VF062338.D
Acq On : 30 Apr 2019 18:19
Operator : FY/SY
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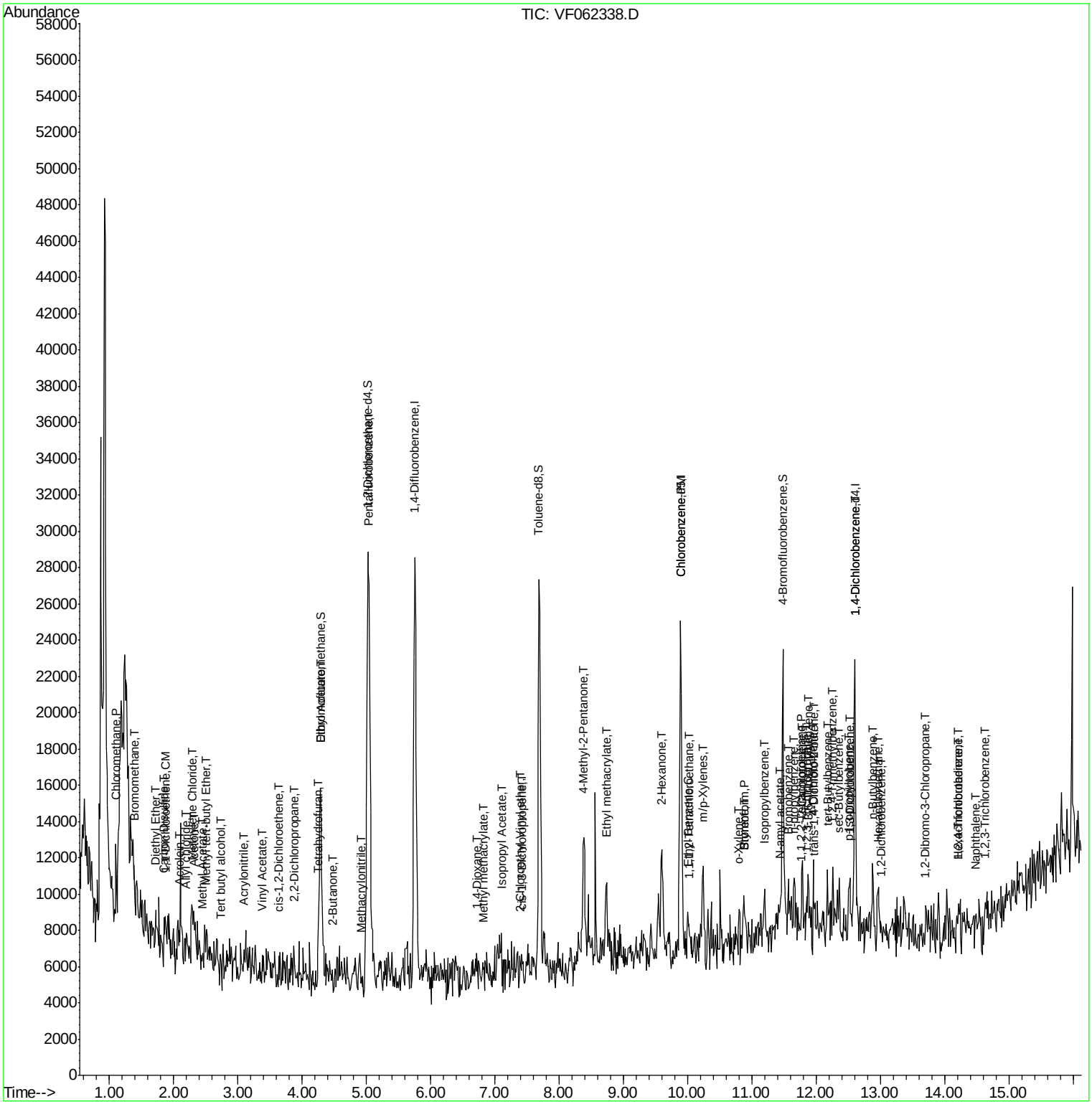
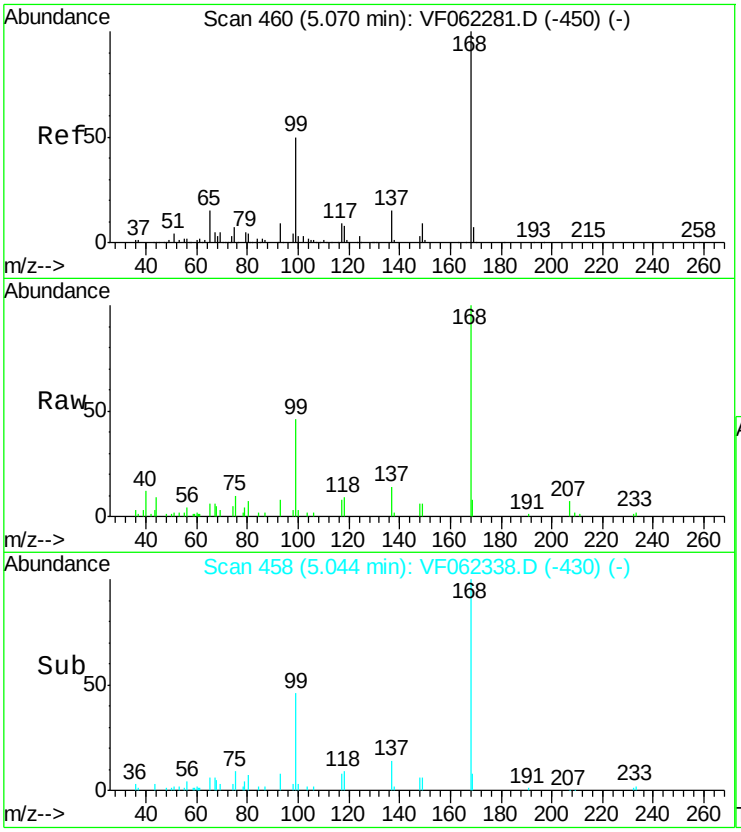
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration



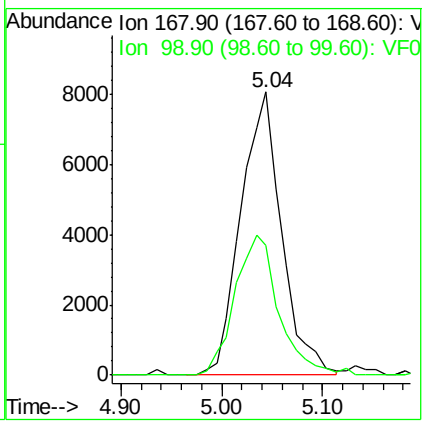


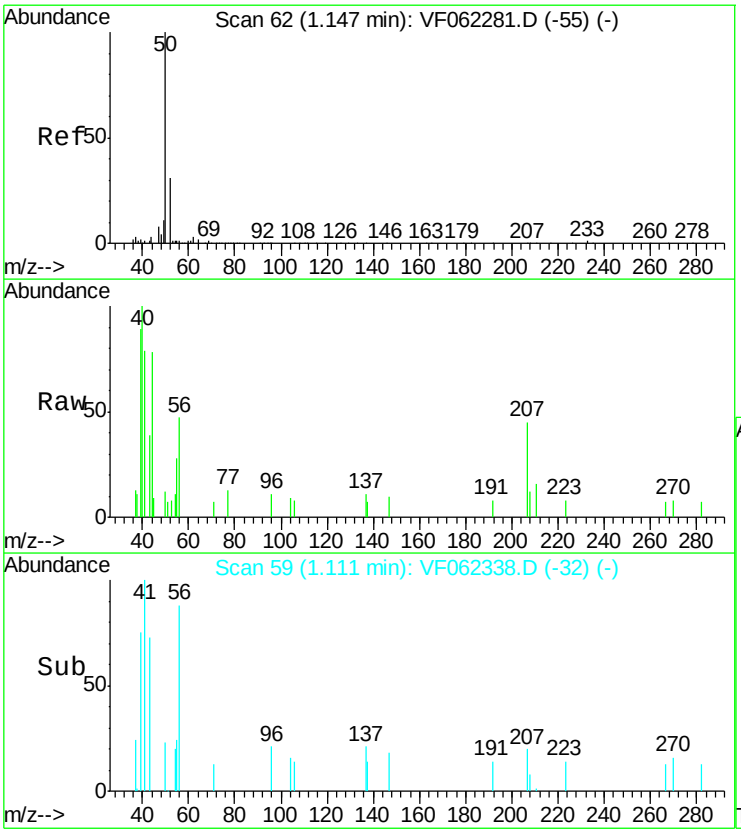
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 458
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion:168 Resp: 22661

Ion	Ratio	Lower	Upper
168	100		
99	45.9	40.0	60.0

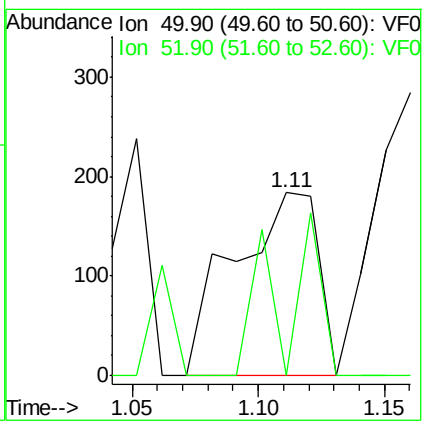


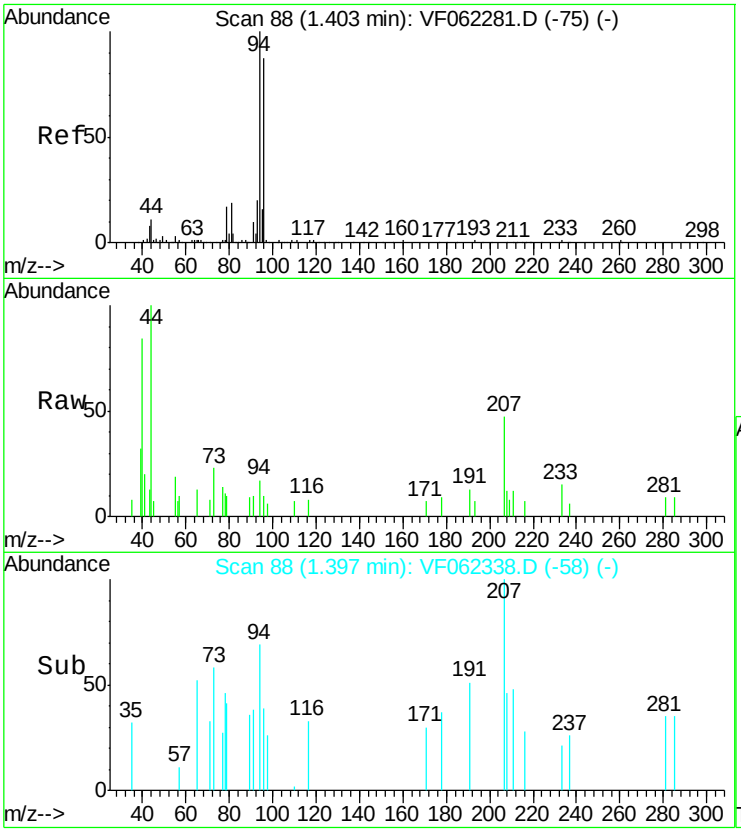


#3
Chloromethane
Concen: 1.887 ug/l
RT: 1.11 min Scan# 59
Delta R.T. -0.04 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 50 Resp: 428

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.2	36.4#



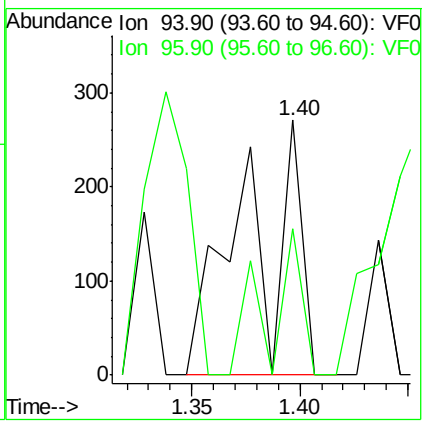


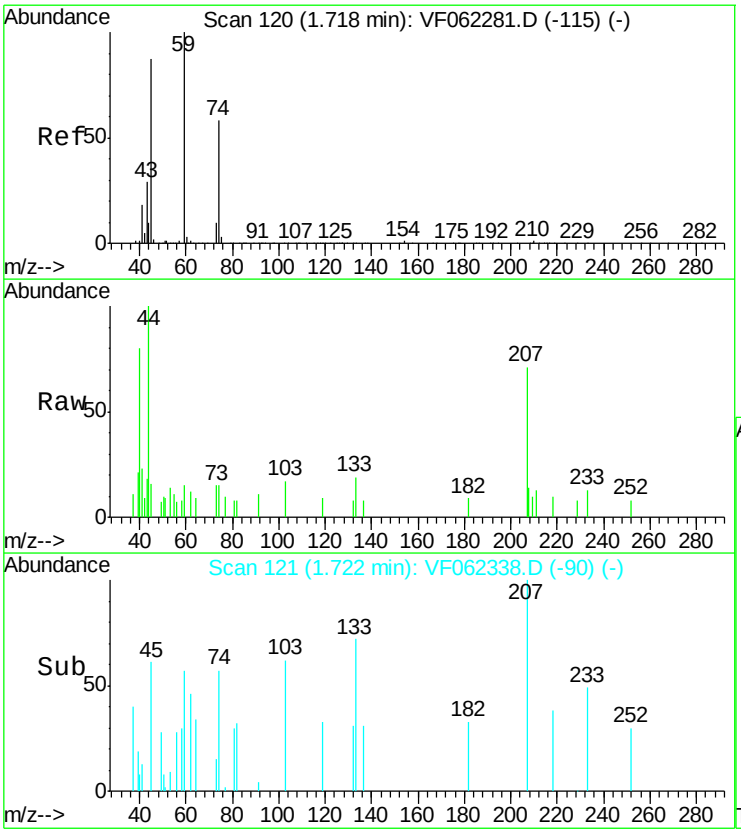
#5
Bromomethane
Concen: 3.132 ug/l
RT: 1.40 min Scan# 88
Delta R.T. -0.01 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion: 94 Resp: 457

Ion	Ratio	Lower	Upper
94	100		
96	57.2	69.5	104.3#

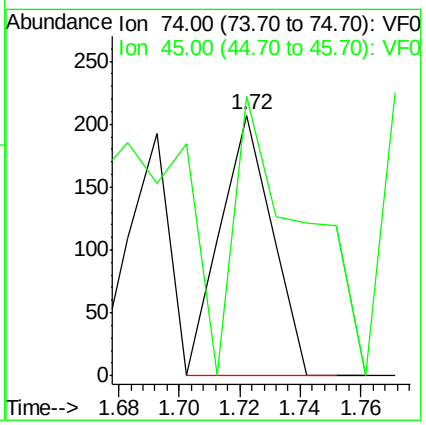


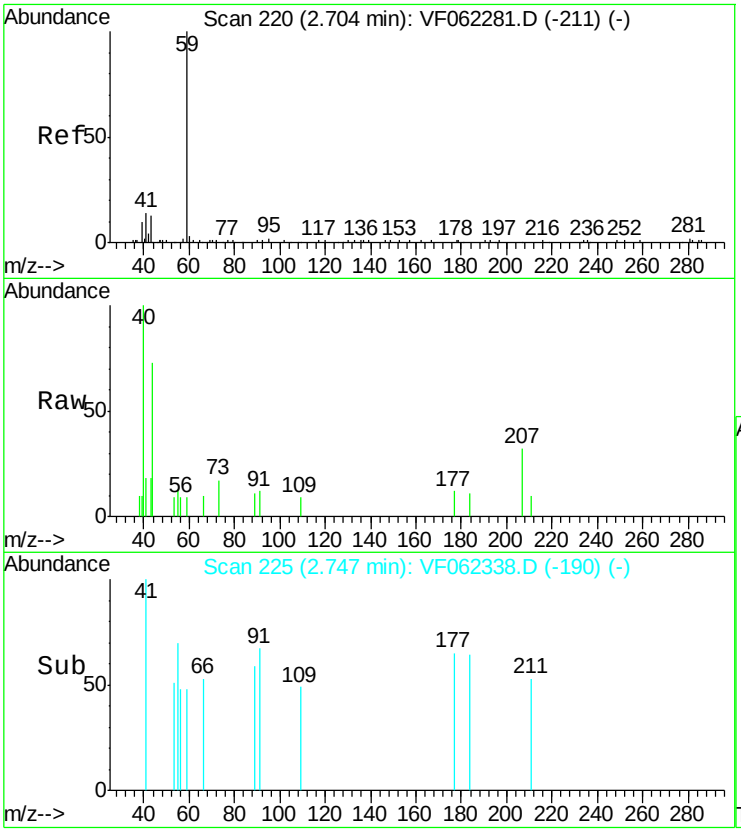


#8
Diethyl Ether
Concen: 4.009 ug/l
RT: 1.72 min Scan# 121
Delta R.T. 0.00 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 74 Resp: 248

Ion	Ratio	Lower	Upper
74	100		
45	140.3	74.0	222.0



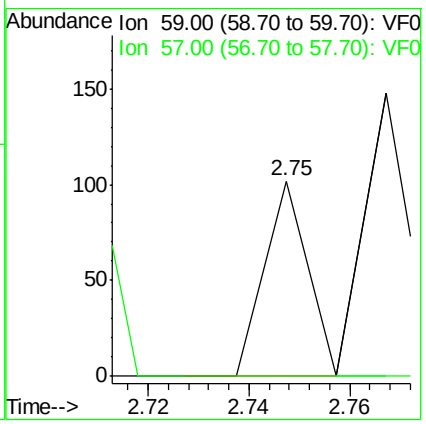


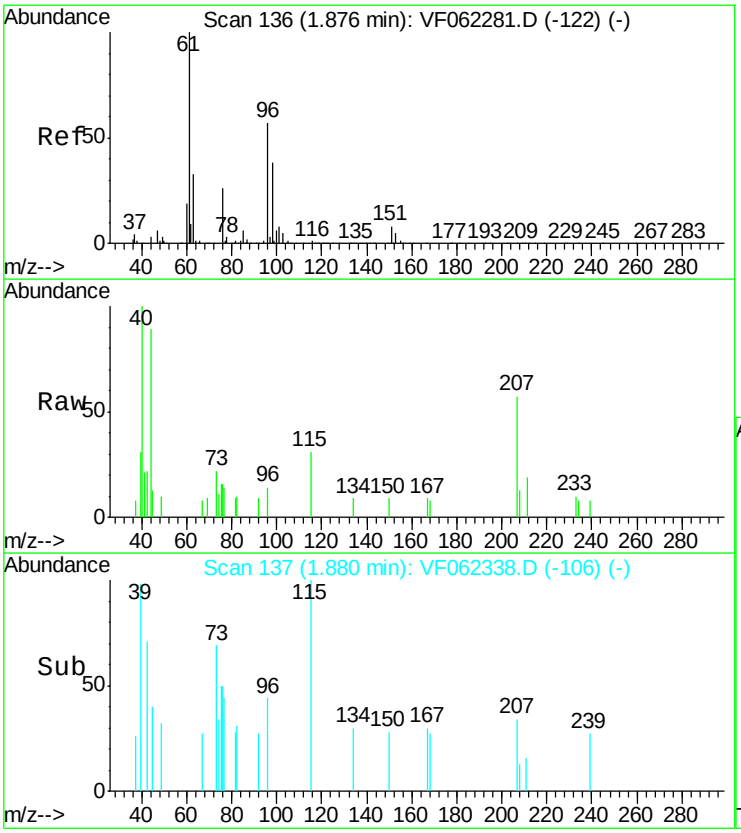
#11
Tert butyl alcohol
Concen: 5.404 ug/l
RT: 2.75 min Scan# 225
Delta R.T. 0.04 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Tgt Ion: 59 Resp: 60

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#

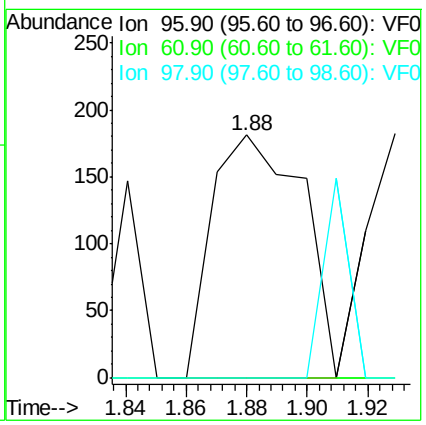


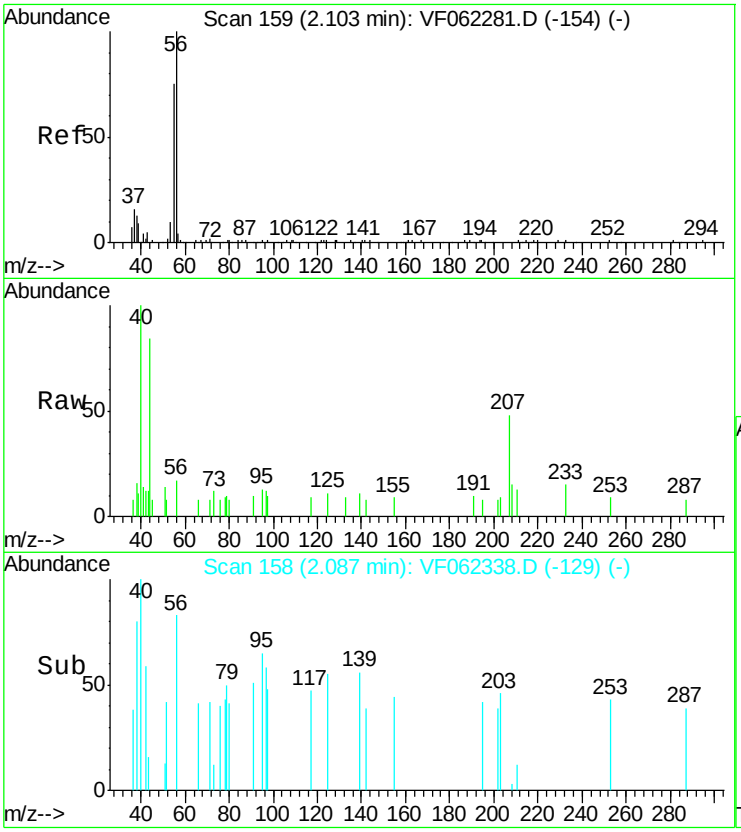


#12
1,1-Dichloroethene
Concen: 1.967 ug/l
RT: 1.88 min Scan# 137
Delta R.T. 0.00 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 96 Resp: 376

Ion	Ratio	Lower	Upper
96	100		
61	0.0	141.1	211.7#
98	0.0	53.4	80.0#



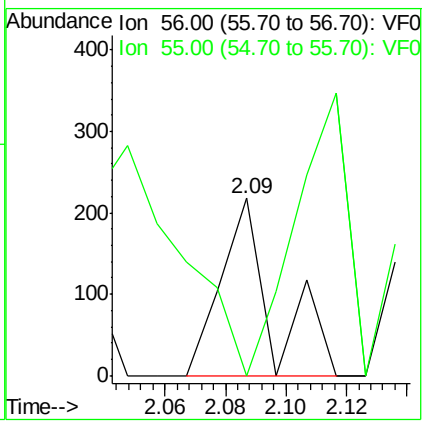


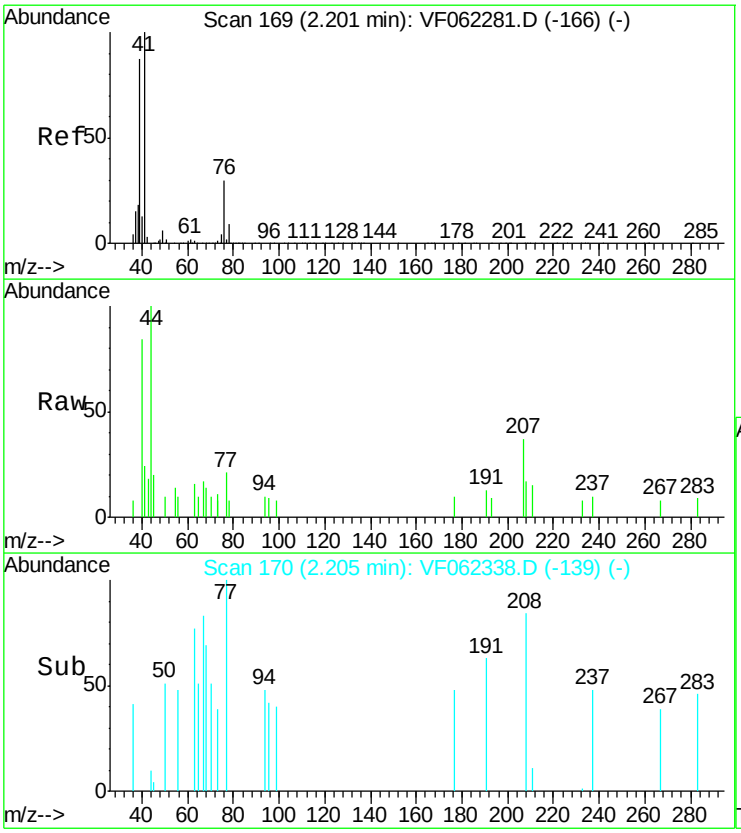
#13
Acrolein
Concen: 32.401 ug/l
RT: 2.09 min Scan# 158
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Tgt Ion: 56 Resp: 260

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.3	93.5#

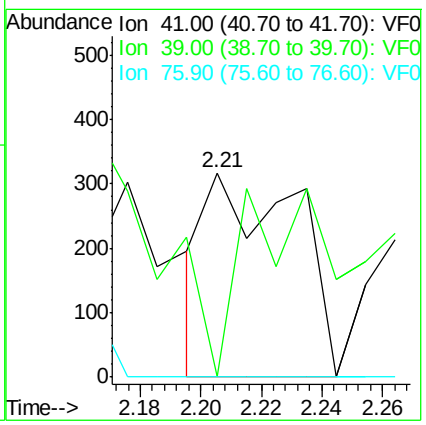


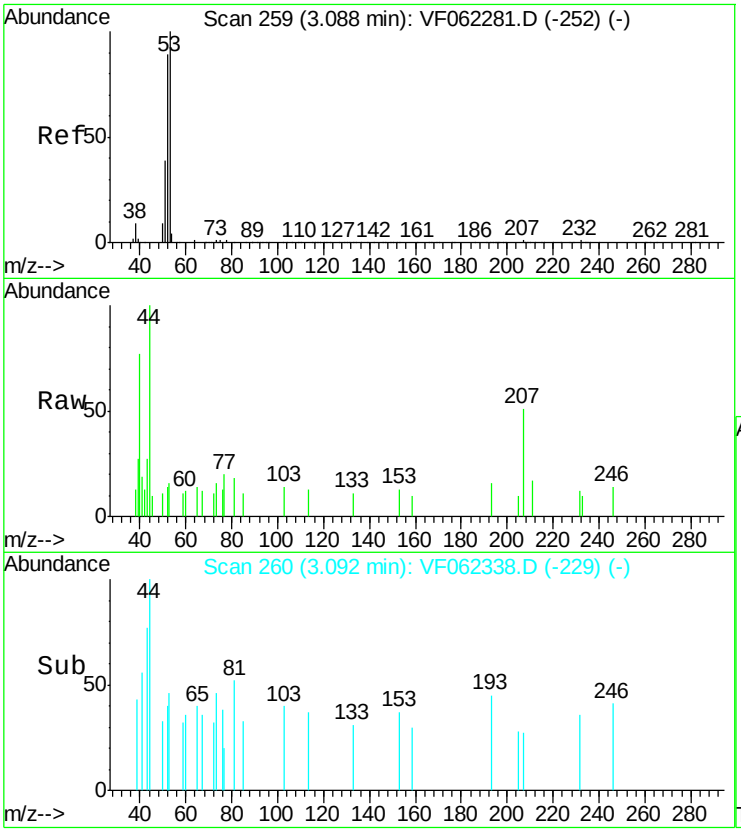


#14
Allyl chloride
Concen: 3.114 ug/l
RT: 2.21 min Scan# 170
Delta R.T. 0.00 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 41 Resp: 648

Ion	Ratio	Lower	Upper
41	100		
39	136.0	50.3	75.5#
76	0.0	14.8	22.2#



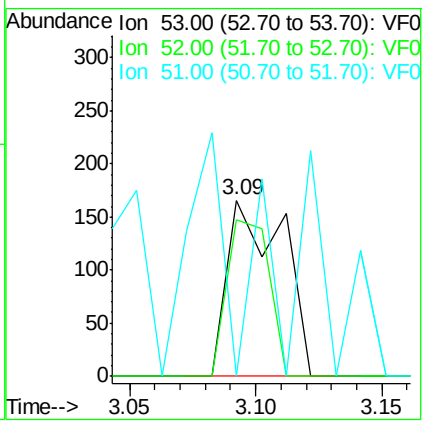


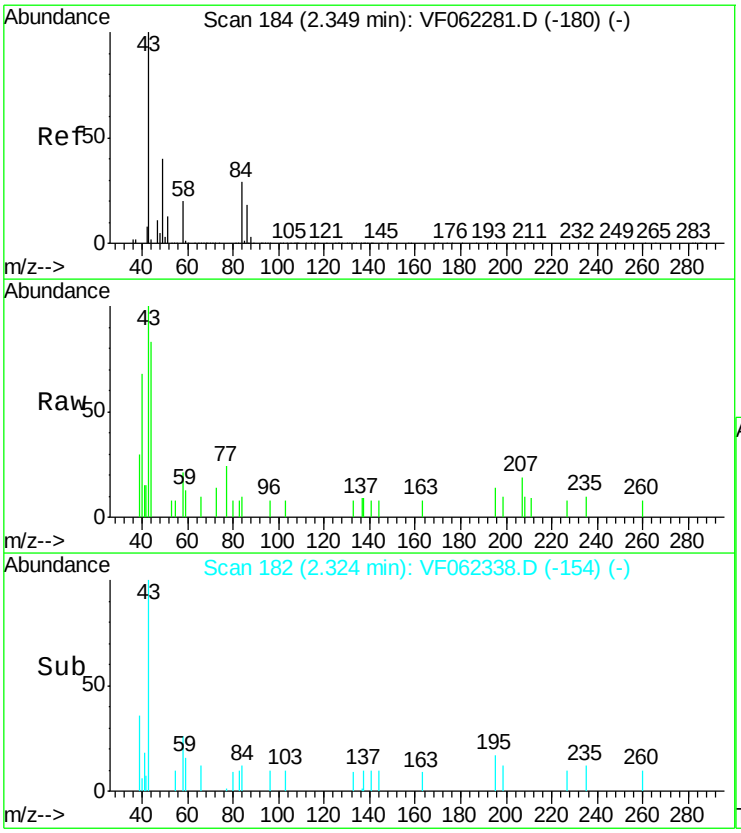
#15
Acrylonitrile
Concen: 8.324 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.00 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Tgt Ion: 53 Resp: 256

Ion	Ratio	Lower	Upper
53	100		
52	66.0	70.6	105.8#
51	84.8	32.6	48.8#

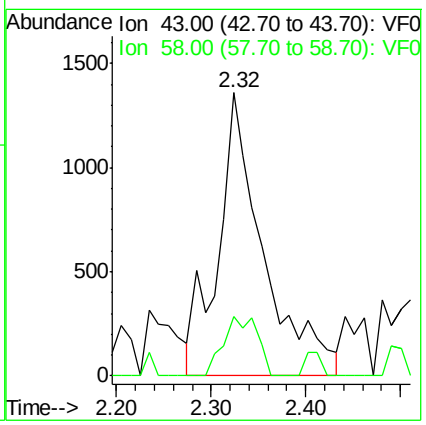


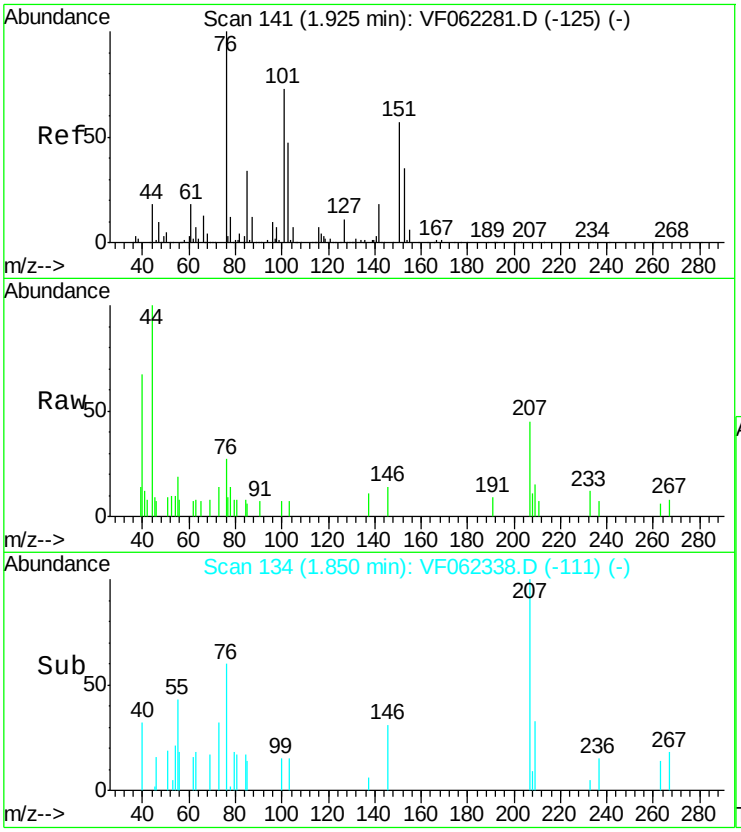


#16
Acetone
Concen: 109.885 ug/l
RT: 2.32 min Scan# 182
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 43 Resp: 4516

Ion	Ratio	Lower	Upper
43	100		
58	23.1	16.4	24.6



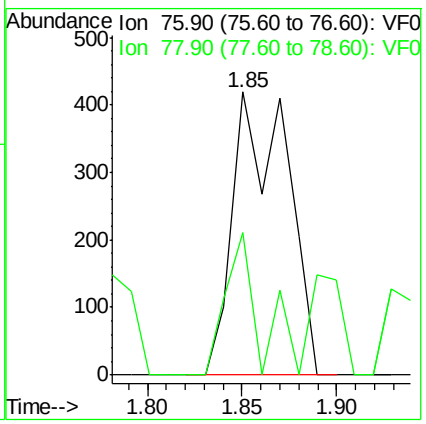


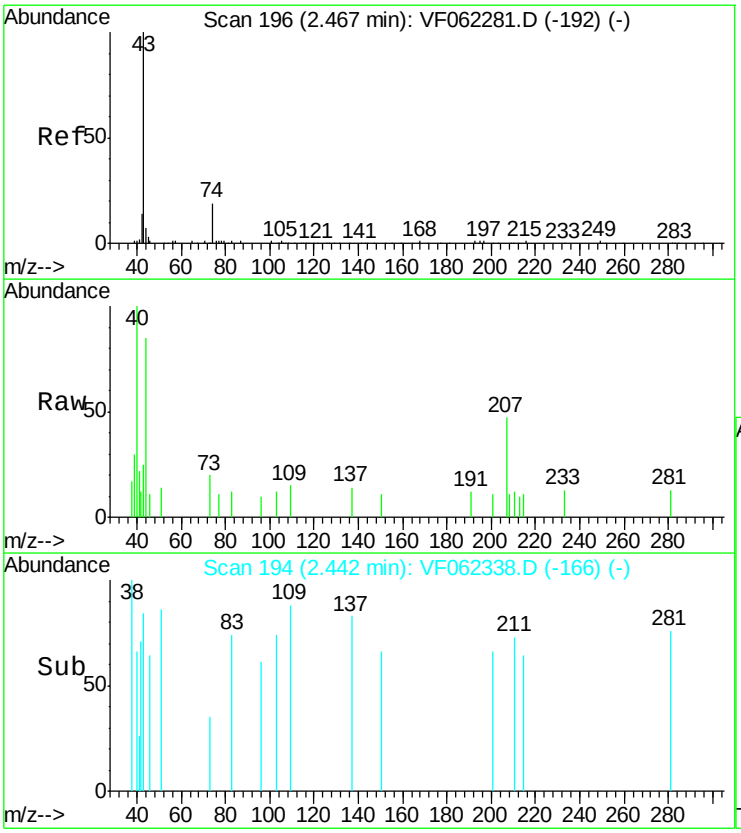
#17
Carbon Disulfide
Concen: 1.650 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.07 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion: 76 Resp: 830

Ion	Ratio	Lower	Upper
76	100		
78	50.4	9.8	14.8#

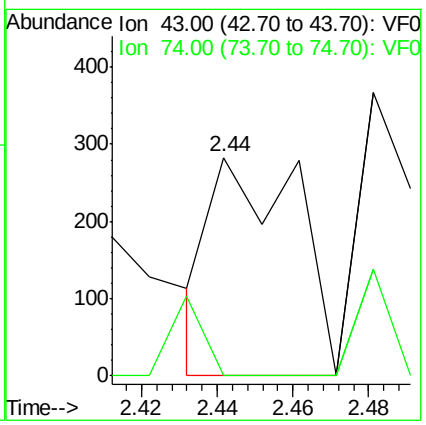


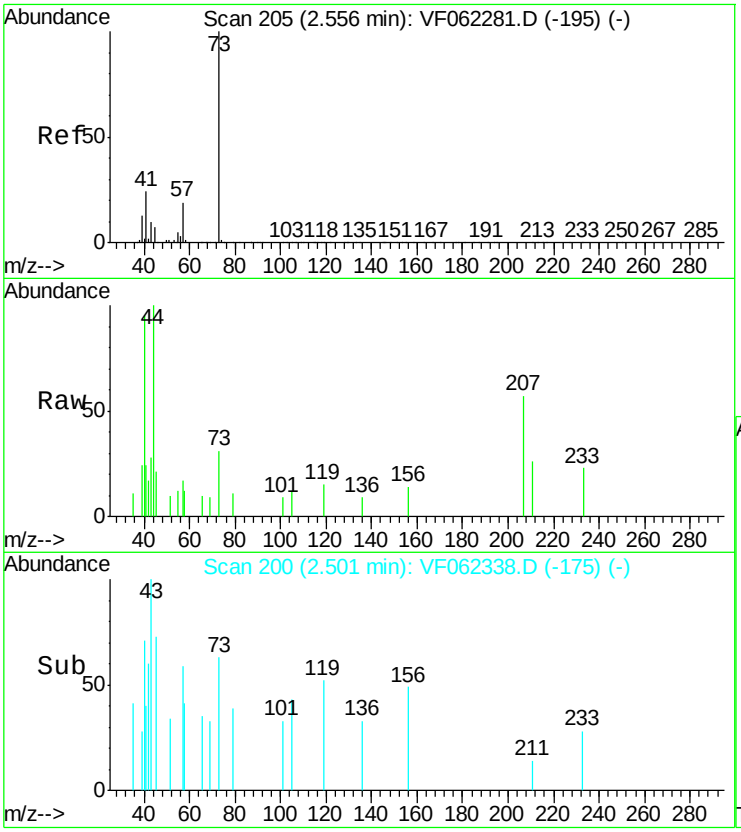


#18
Methyl Acetate
Concen: 3.066 ug/l
RT: 2.44 min Scan# 194
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 43 Resp: 449

Ion	Ratio	Lower	Upper
43	100		
74	13.6	14.4	21.6#



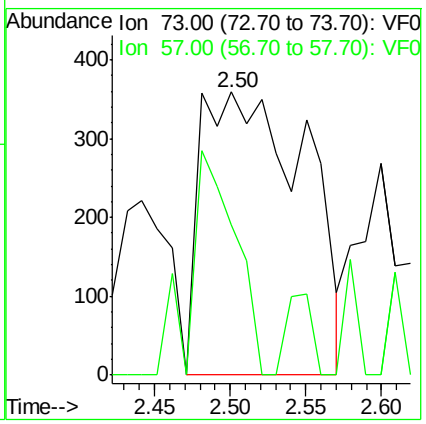


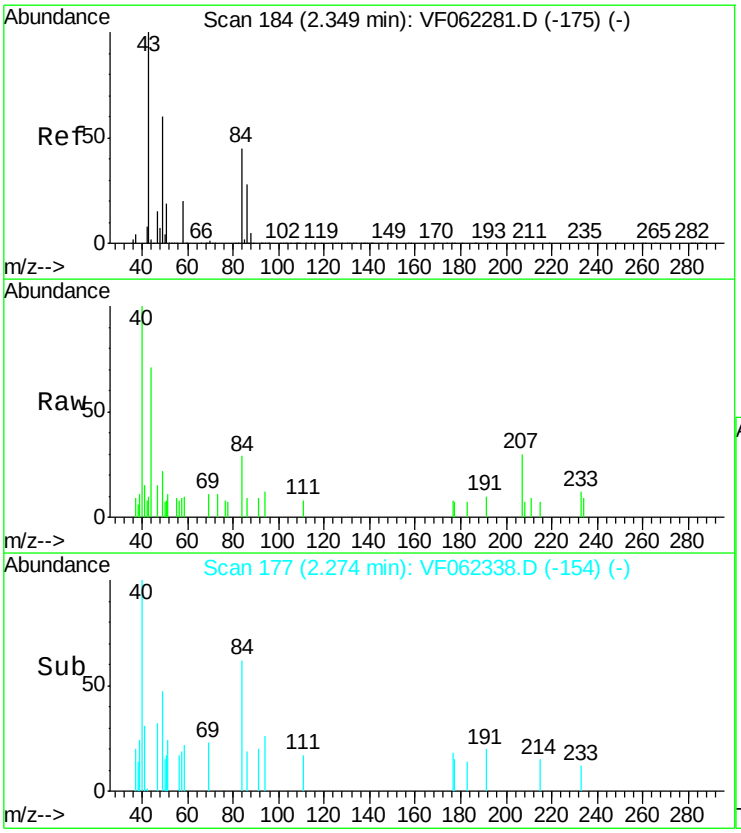
#19
Methyl tert-butyl Ether
Concen: 4.727 ug/l
RT: 2.50 min Scan# 200
Delta R.T. -0.06 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Tgt Ion: 73 Resp: 1723

Ion	Ratio	Lower	Upper
73	100		
57	52.9	15.5	23.3#

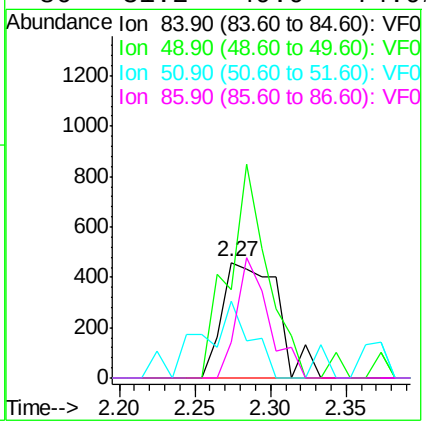


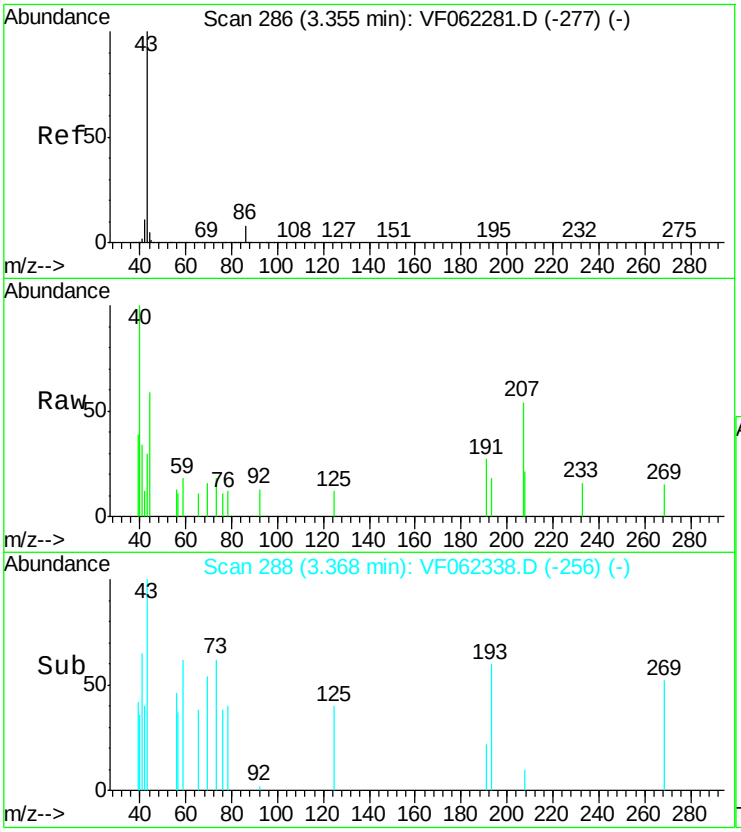


#20
Methylene Chloride
Concen: 1.587 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.07 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 84 Resp: 1175

Ion	Ratio	Lower	Upper
84	100		
49	76.5	112.1	168.1#
51	66.0	35.9	53.9#
86	31.2	49.9	74.9#



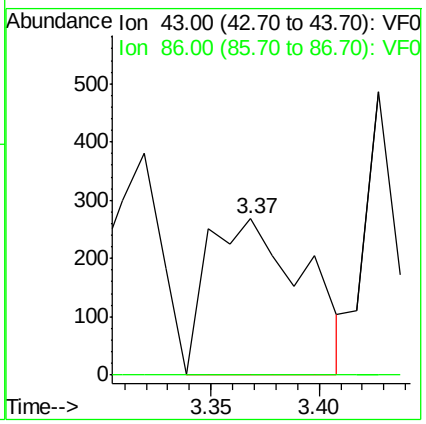


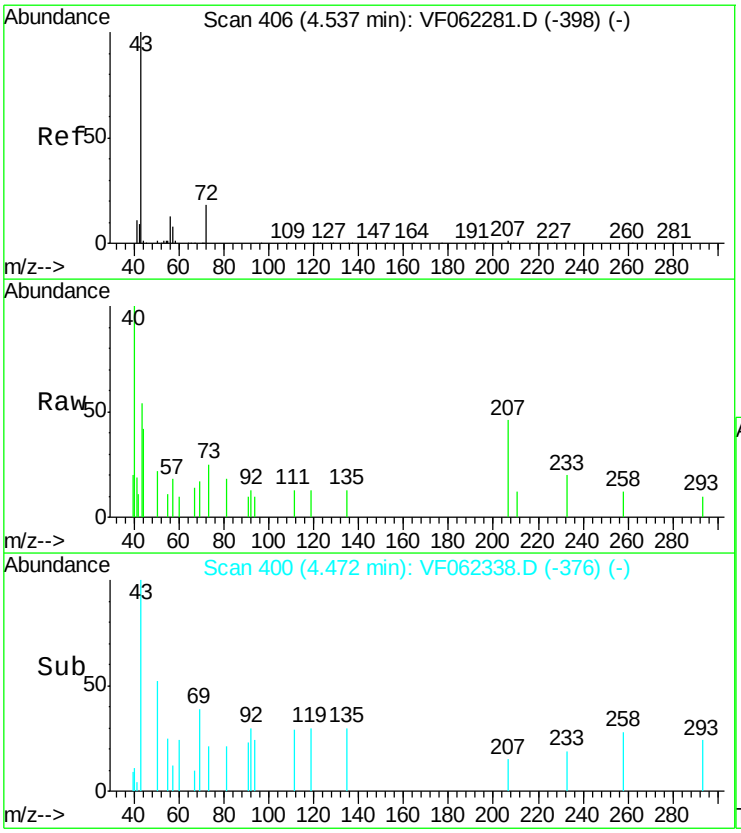
#23
Vinyl Acetate
Concen: 3.354 ug/l
RT: 3.37 min Scan# 288
Delta R.T. 0.01 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Tgt Ion: 43 Resp: 833

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.0	9.0#

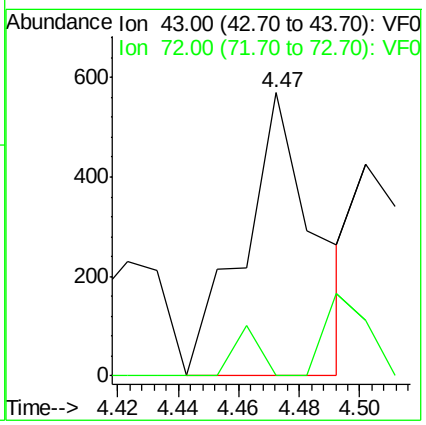


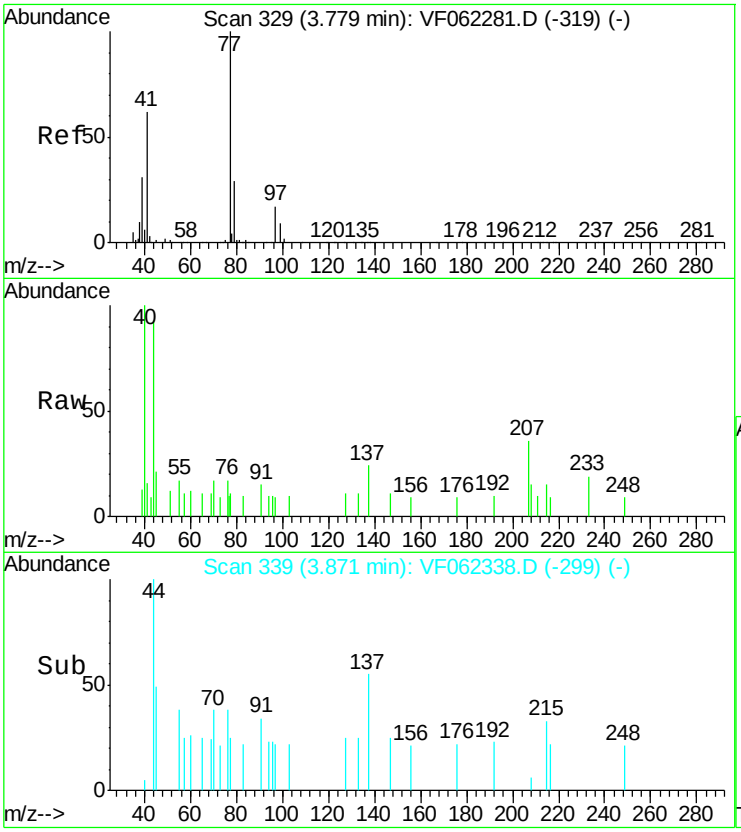


#25
2-Butanone
Concen: 14.118 ug/l
RT: 4.47 min Scan# 400
Delta R.T. -0.07 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 43 Resp: 920

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.8	23.6#



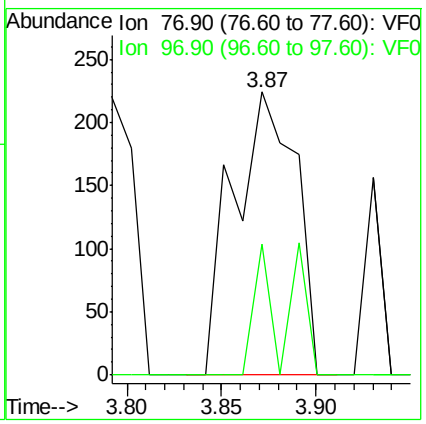


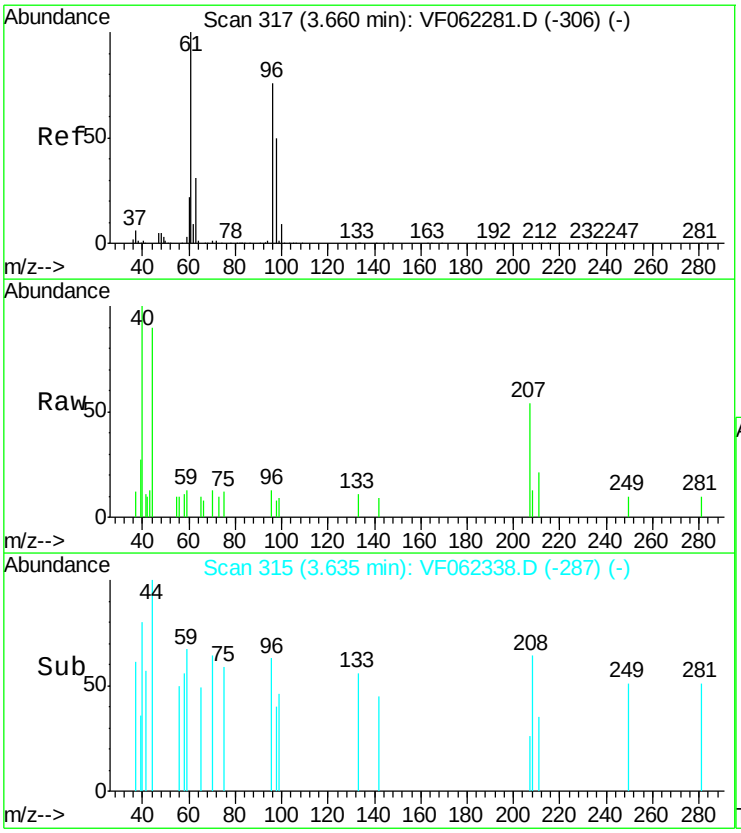
#26
2,2-Dichloropropane
Concen: 3.108 ug/l
RT: 3.87 min Scan# 339
Delta R.T. 0.09 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion: 77 Resp: 516

Ion	Ratio	Lower	Upper
77	100		
97	24.0	10.3	30.8

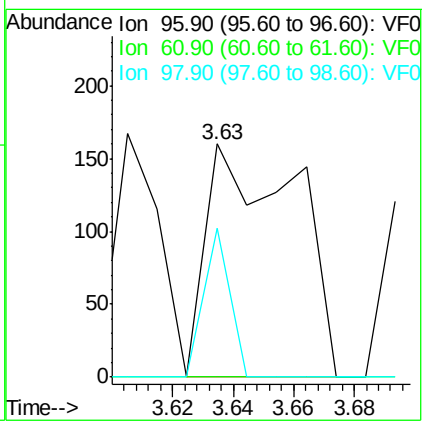


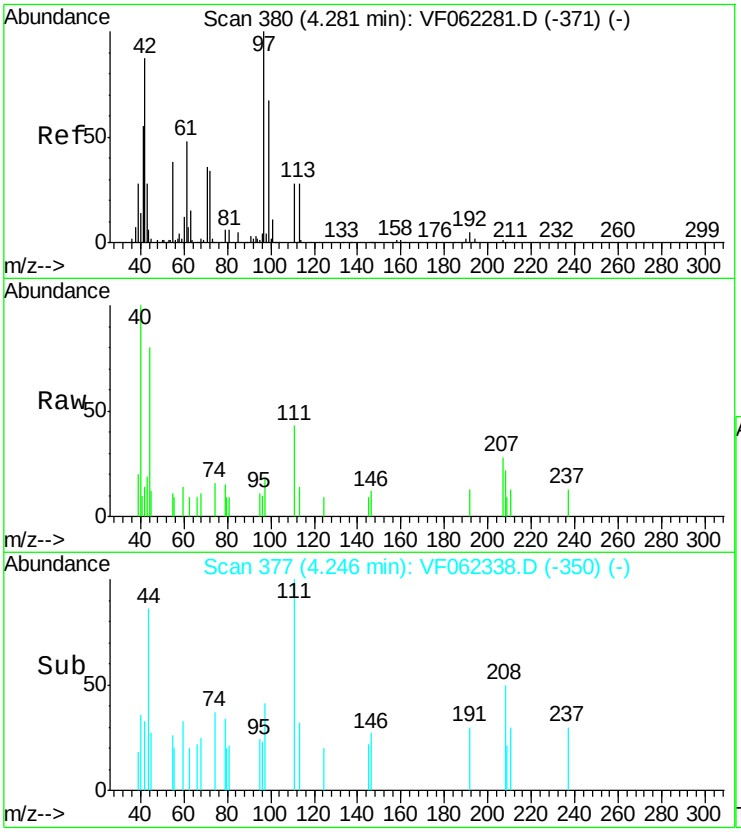


#27
cis-1,2-Dichloroethene
Concen: 1.358 ug/l
RT: 3.63 min Scan# 315
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 96 Resp: 325

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	257.6
98	18.5	0.0	137.4



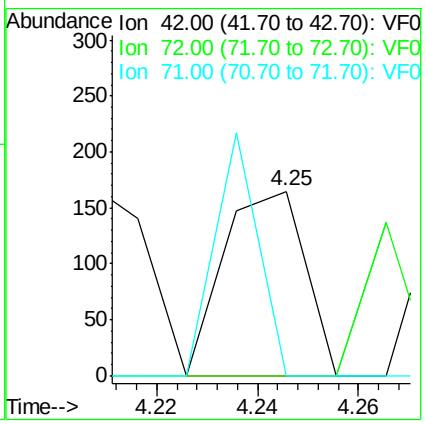


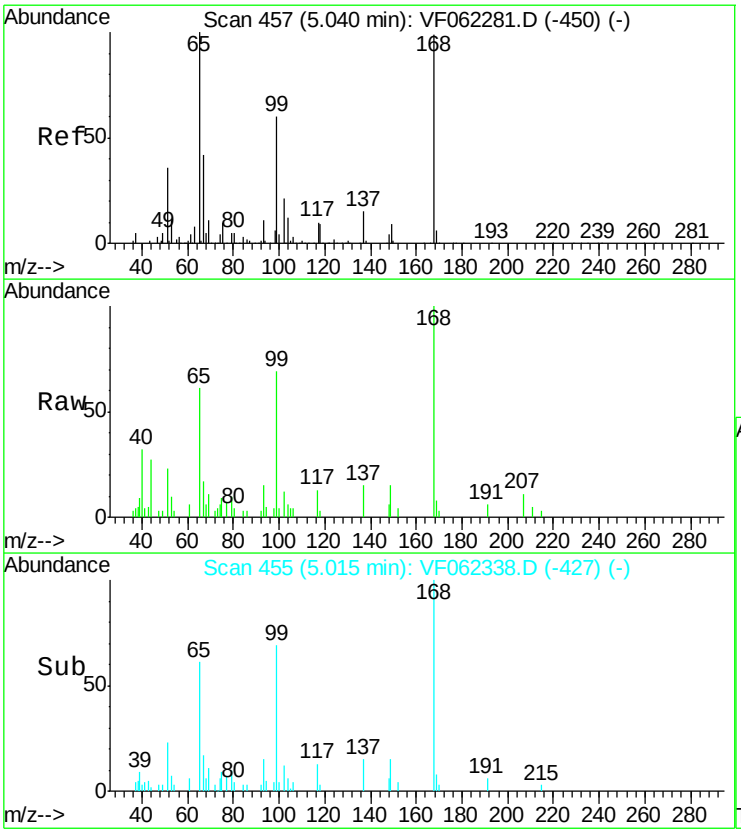
#29
Tetrahydrofuran
Concen: 6.461 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.04 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion: 42 Resp: 185

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.3	43.9#
71	69.2	31.2	46.8#

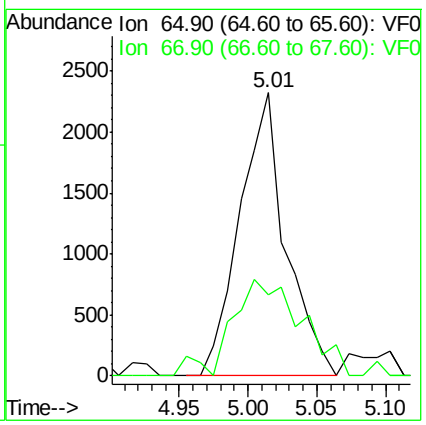


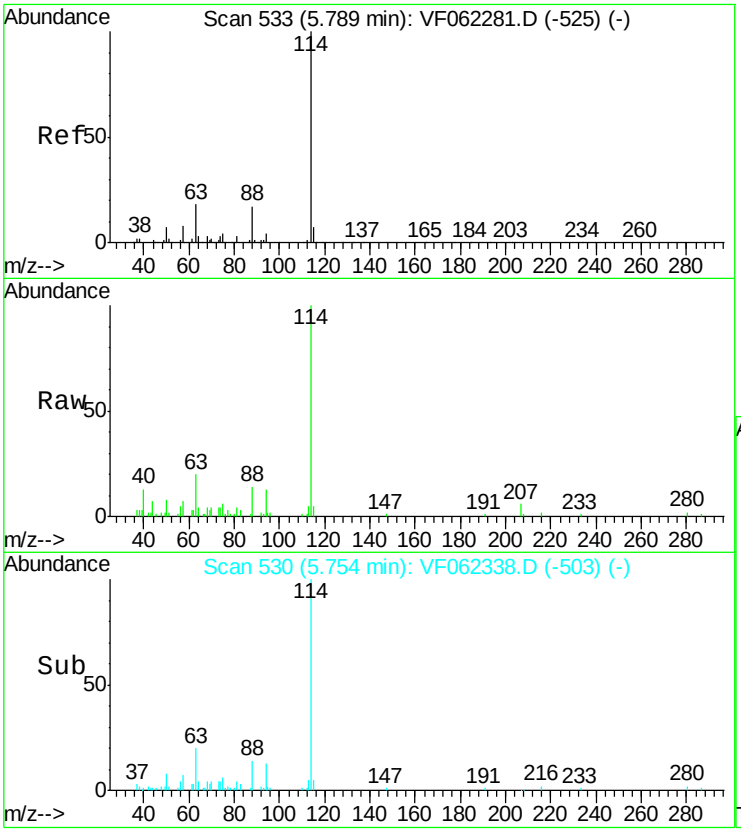


#33
1,2-Dichloroethane-d4
Concen: 29.484 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 65 Resp: 5412

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	98.8



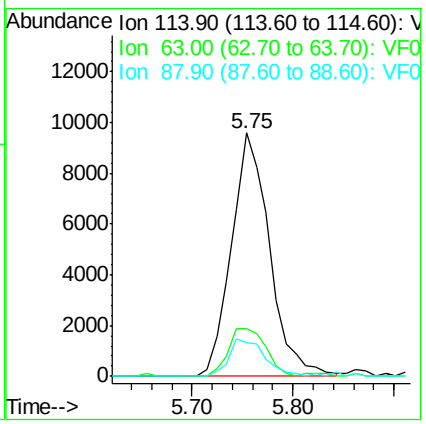


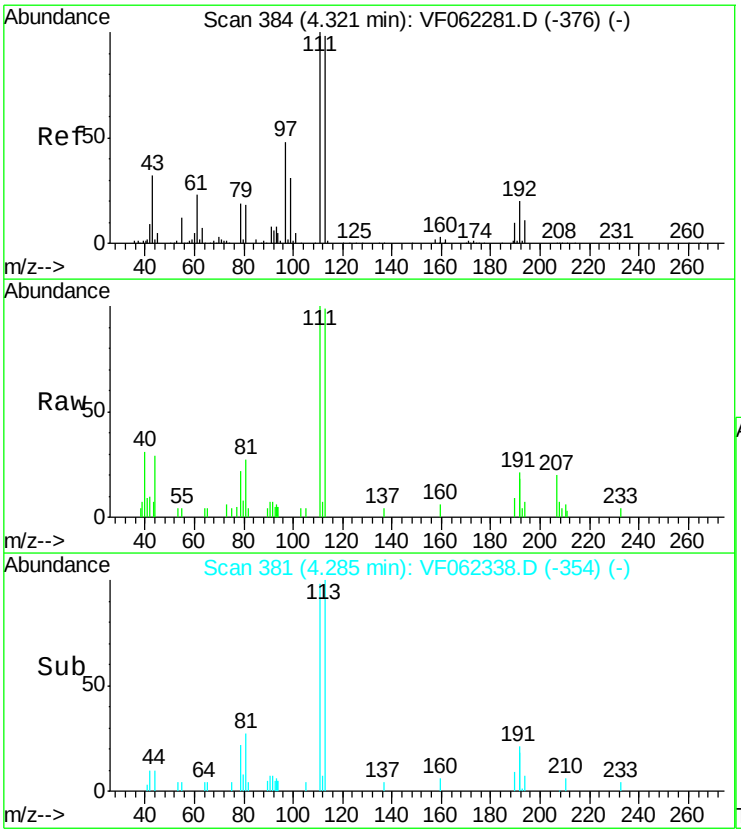
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.04 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion:114 Resp: 25194

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	35.6
88	13.8	0.0	34.6

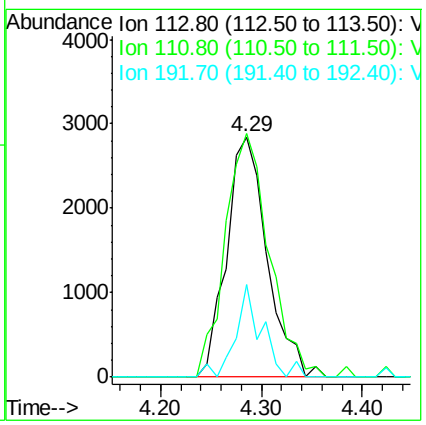


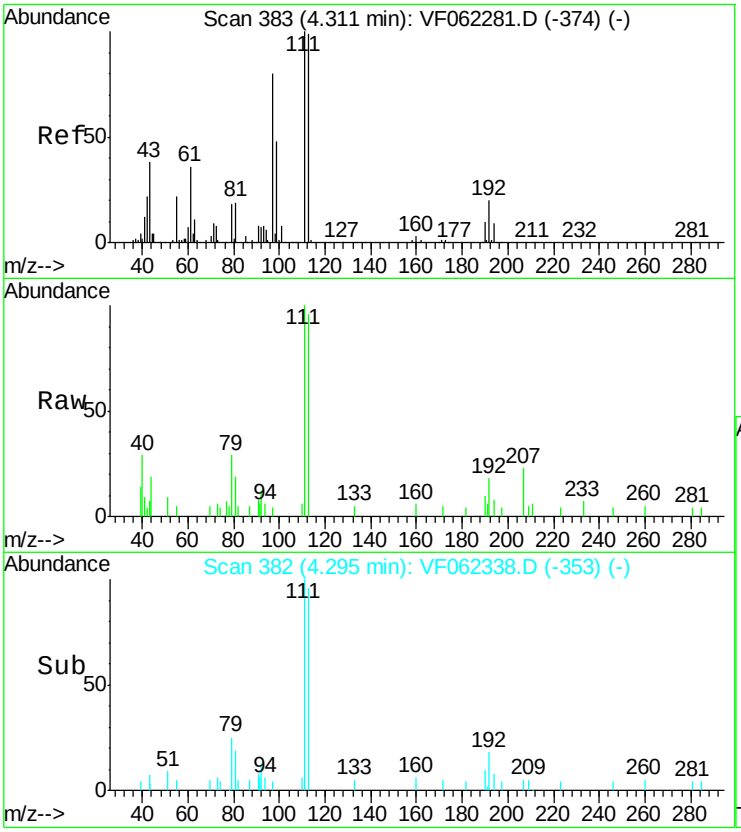


#35
Dibromofluoromethane
Concen: 42.634 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.04 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion:113 Resp: 7964

Ion	Ratio	Lower	Upper
113	100		
111	109.8	81.4	122.2
192	23.7	17.0	25.4



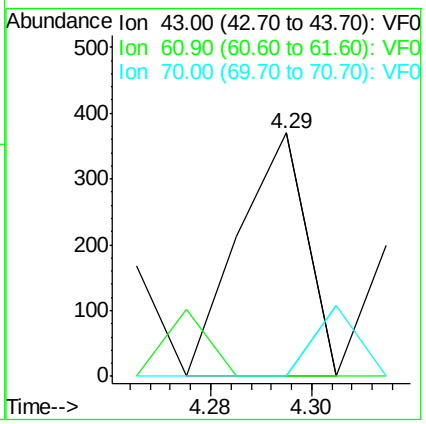


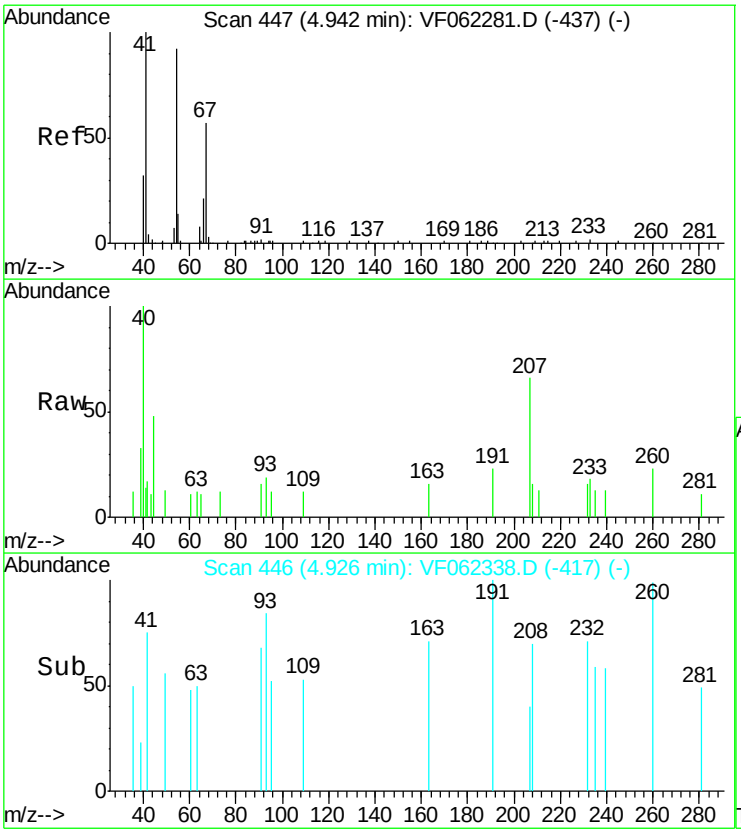
#37
Ethyl Acetate
Concen: 3.528 ug/l
RT: 4.29 min Scan# 382
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Tgt Ion: 43 Resp: 345

Ion	Ratio	Lower	Upper
43	100		
61	0.0	85.8	128.6#
70	18.6	7.3	10.9#

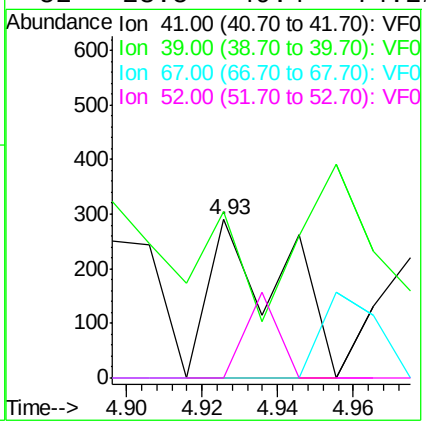


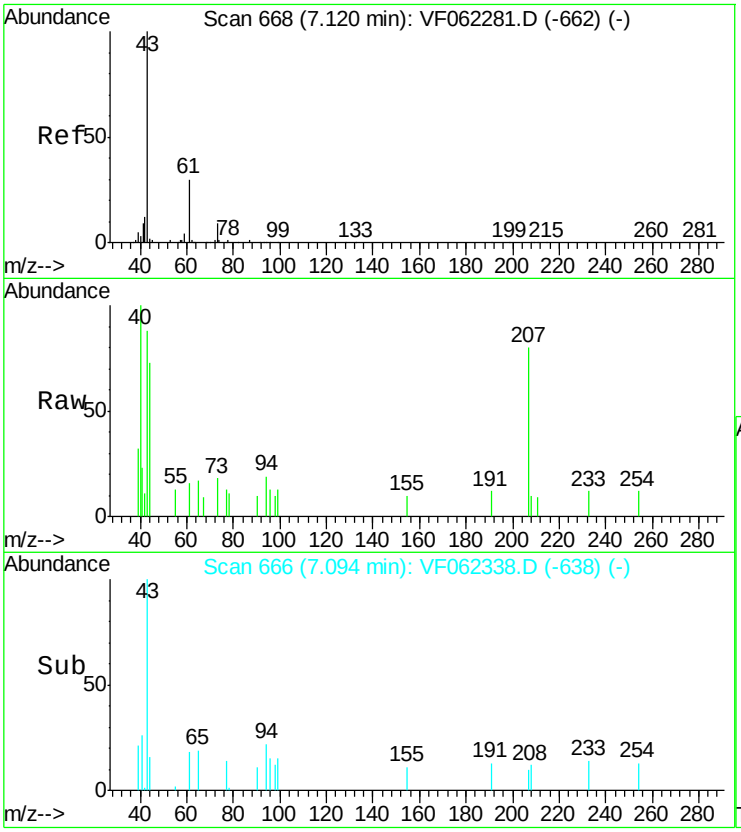


#41
Methacrylonitrile
Concen: 7.271 ug/l
RT: 4.93 min Scan# 446
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 41 Resp: 395

Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.3	70.9#
67	0.0	41.3	61.9#
52	23.5	49.4	74.2#



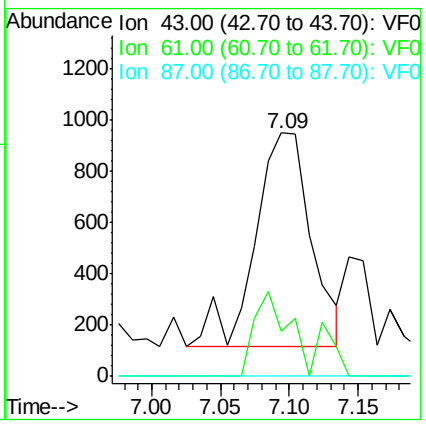


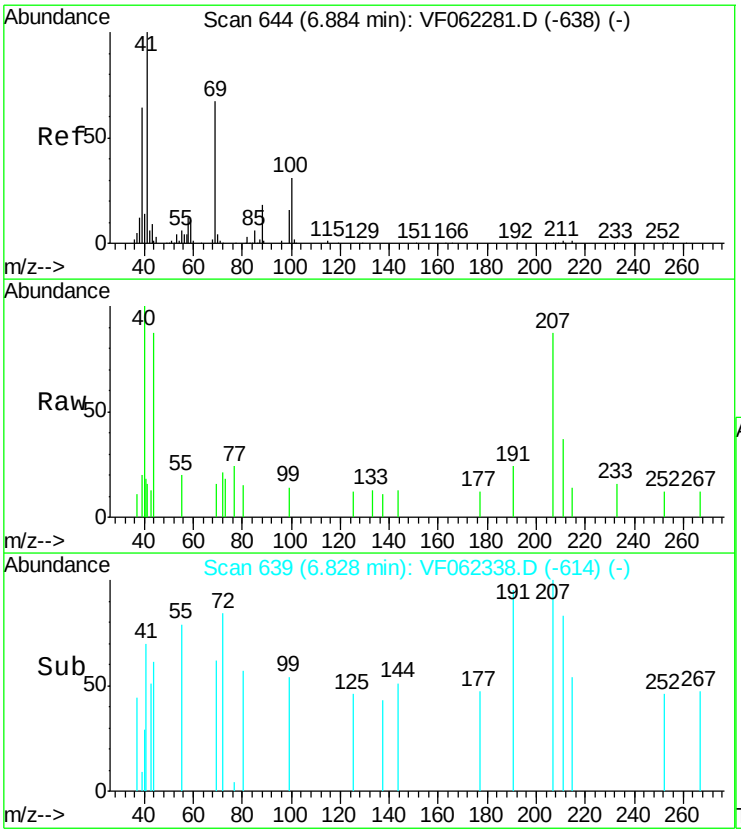
#43
Isopropyl Acetate
Concen: 23.400 ug/l
RT: 7.09 min Scan# 666
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Tgt Ion: 43 Resp: 2356

Ion	Ratio	Lower	Upper
43	100		
61	24.2	23.8	35.6
87	0.0	0.5	0.7#

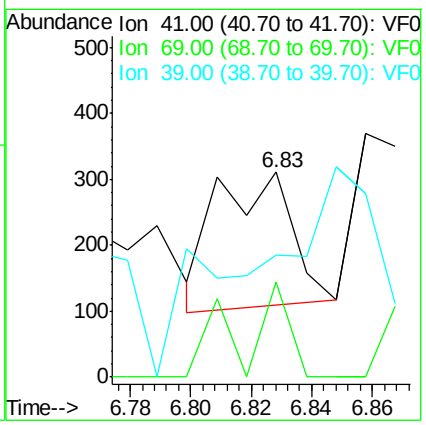


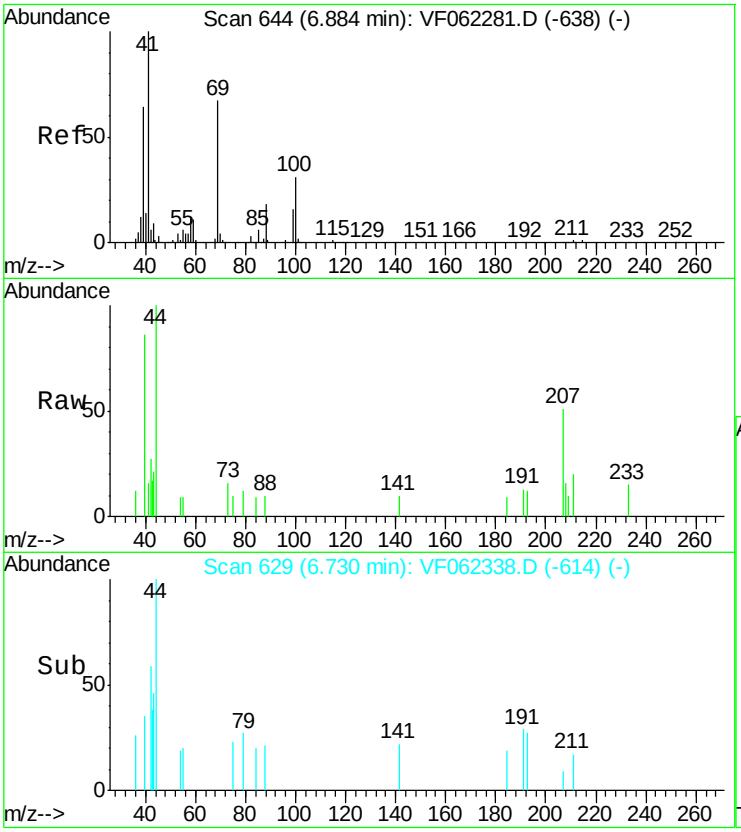


#48
Methyl methacrylate
Concen: 4.955 ug/l
RT: 6.83 min Scan# 639
Delta R.T. -0.06 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 41 Resp: 355

Ion	Ratio	Lower	Upper
41	100		
69	20.0	53.4	80.2#
39	0.0	50.9	76.3#



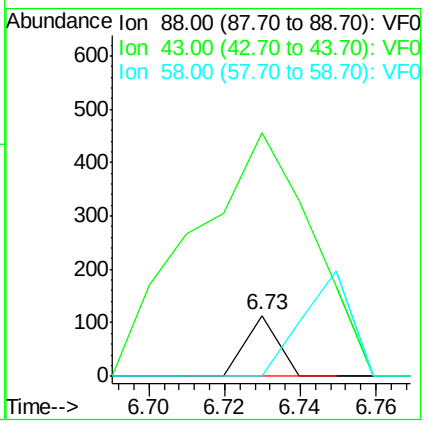


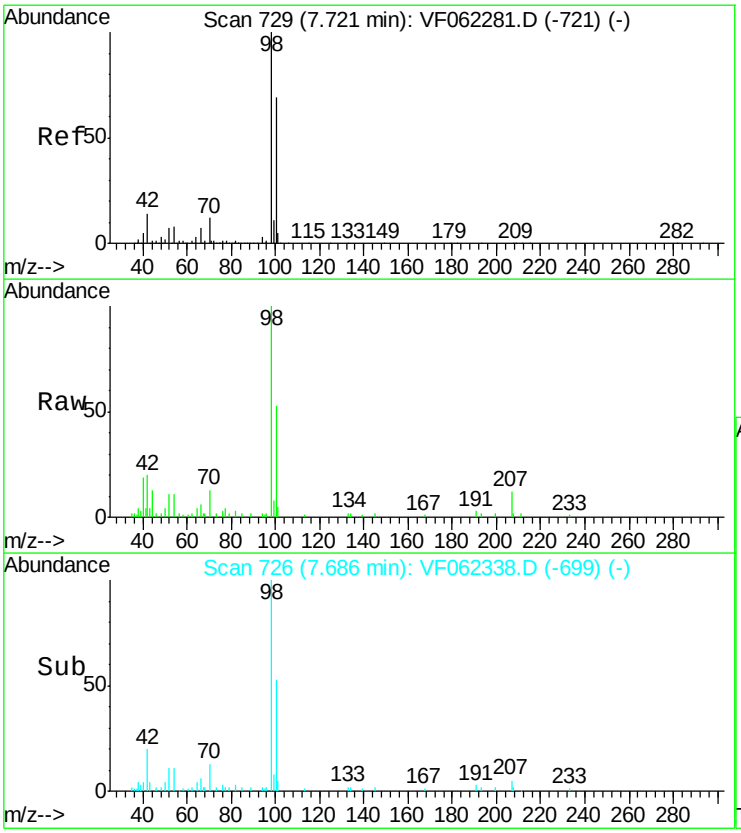
#49
1,4-Dioxane
Concen: 81.217 ug/l
RT: 6.73 min Scan# 629
Delta R.T. -0.15 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	1495.5	34.2	51.4#
58	262.7	50.7	76.1#

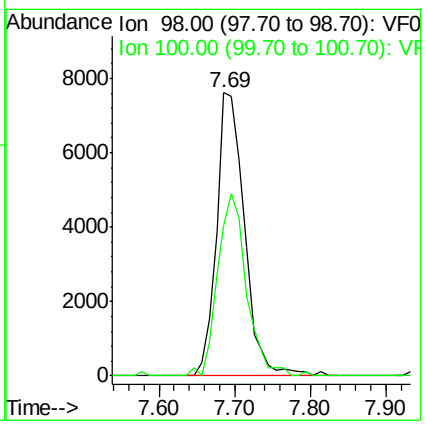


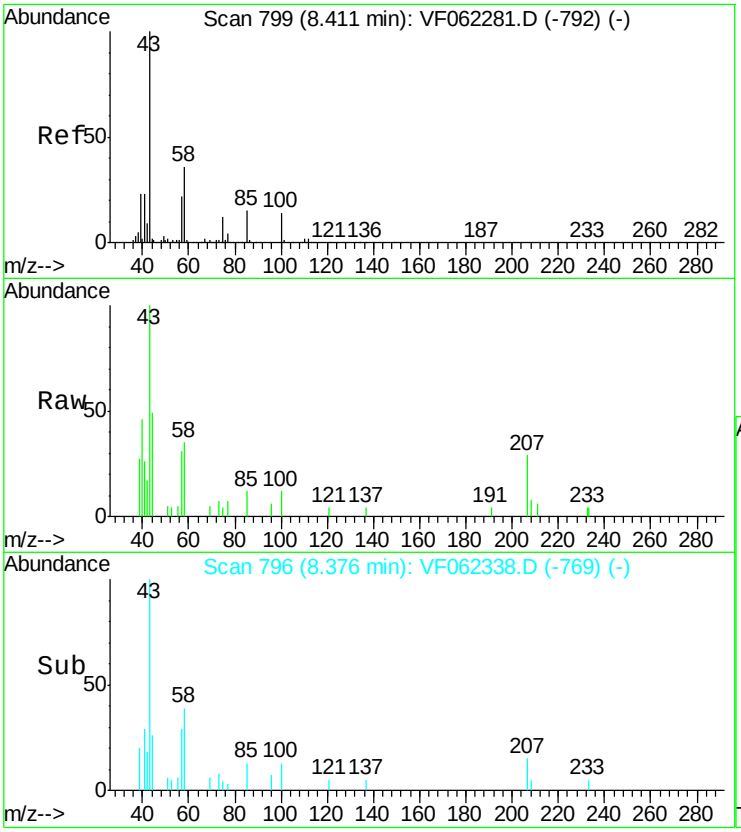


#50
Toluene-d8
Concen: 42.905 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.04 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 98 Resp: 19577

Ion	Ratio	Lower	Upper
98	100		
100	65.7	54.4	81.6



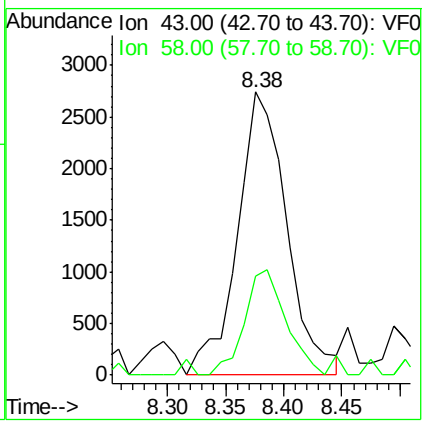


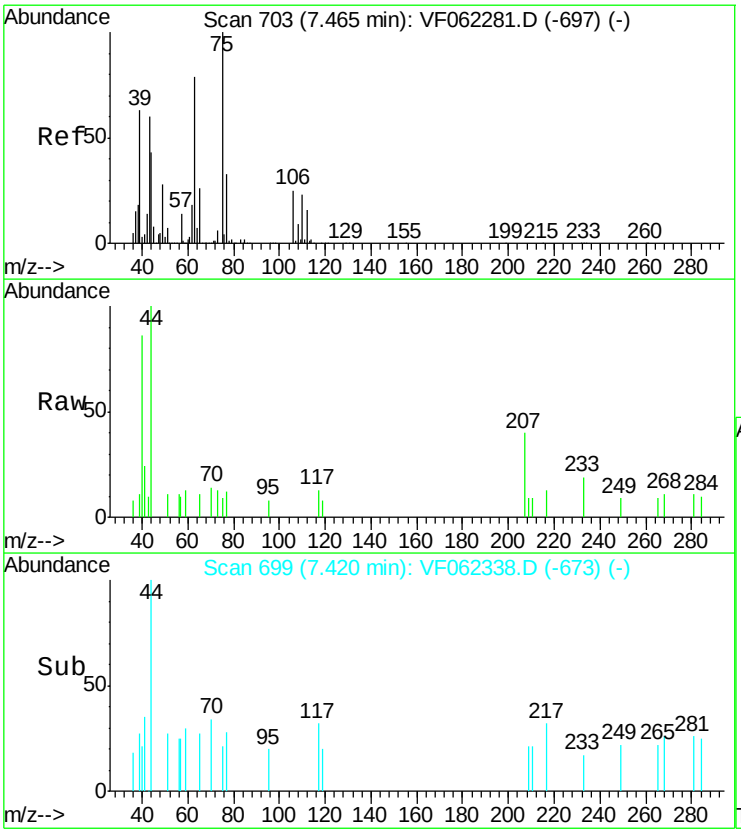
#51
4-Methyl-2-Pentanone
Concen: 104.313 ug/l
RT: 8.38 min Scan# 796
Delta R.T. -0.04 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Tgt Ion: 43 Resp: 8037

Ion	Ratio	Lower	Upper
43	100		
58	31.4	29.1	43.7

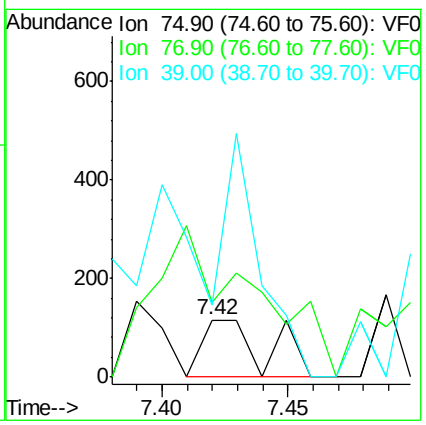


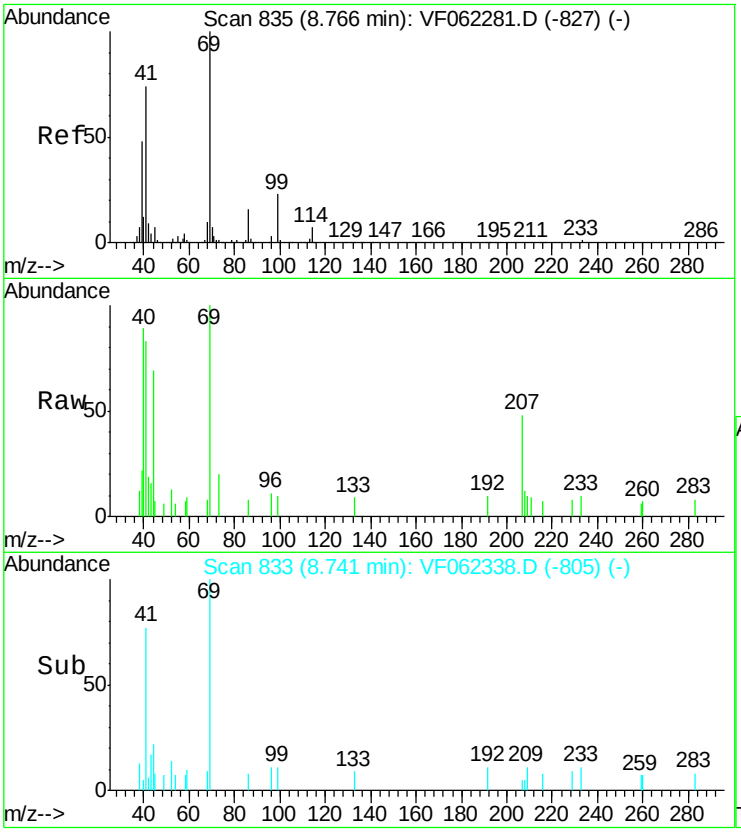


#54
cis-1,3-Dichloropropene
Concen: 1.017 ug/l
RT: 7.42 min Scan# 699
Delta R.T. -0.05 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 75 Resp: 206

Ion	Ratio	Lower	Upper
75	100		
77	131.0	26.5	39.7#
39	126.7	50.2	75.2#



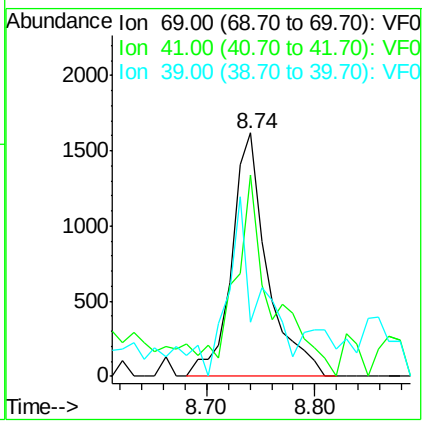


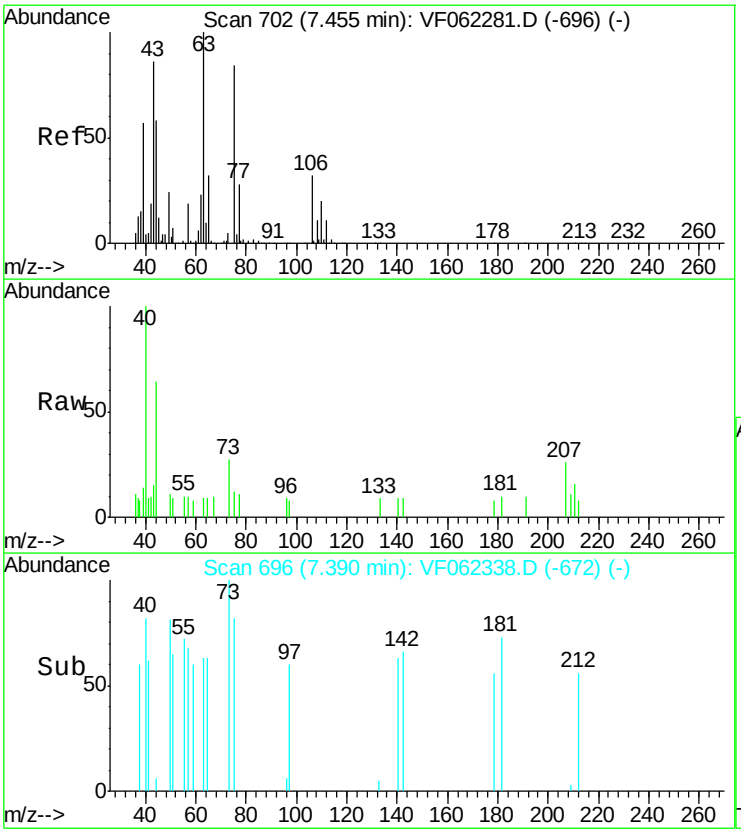
#56
Ethyl methacrylate
Concen: 36.694 ug/l
RT: 8.74 min Scan# 833
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Tgt Ion: 69 Resp: 3710

Ion	Ratio	Lower	Upper
69	100		
41	86.1	61.5	92.3
39	64.6	37.9	56.9#

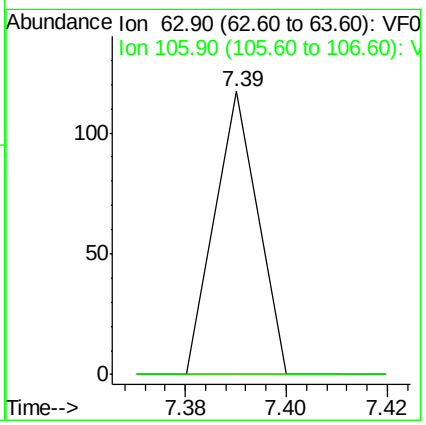


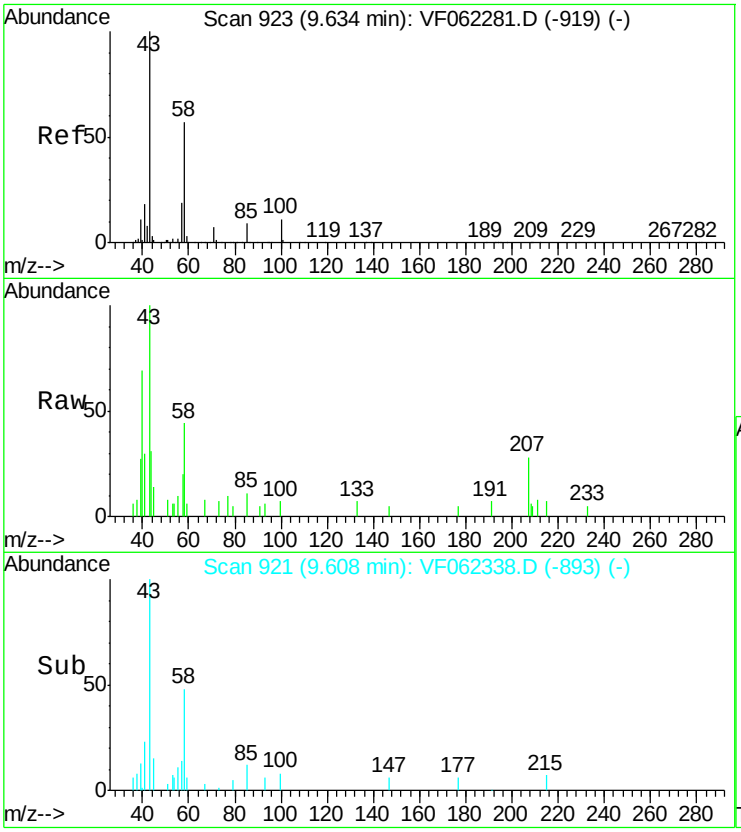


#58
2-Chloroethyl Vinyl ether
Concen: 2.243 ug/l
RT: 7.39 min Scan# 696
Delta R.T. -0.07 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 63 Resp: 69

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.7	37.1#



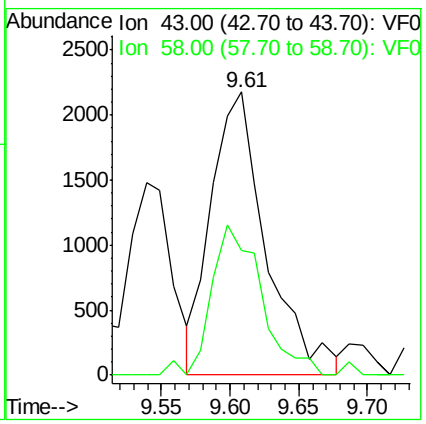


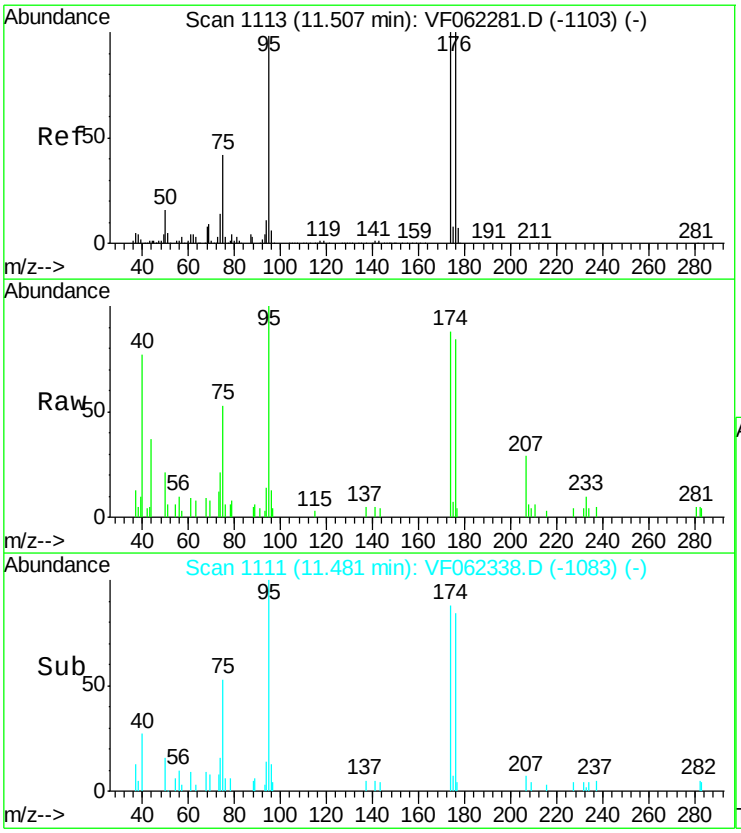
#59
2-Hexanone
Concen: 121.539 ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion: 43 Resp: 6059

Ion	Ratio	Lower	Upper
43	100		
58	48.1	24.9	74.7

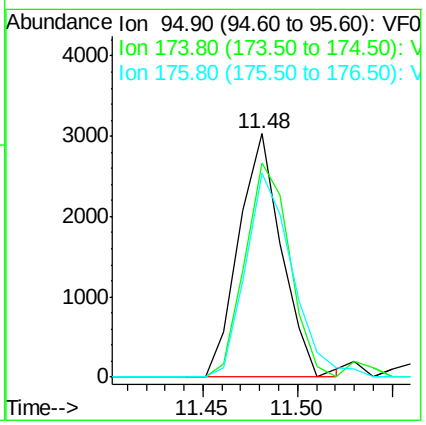


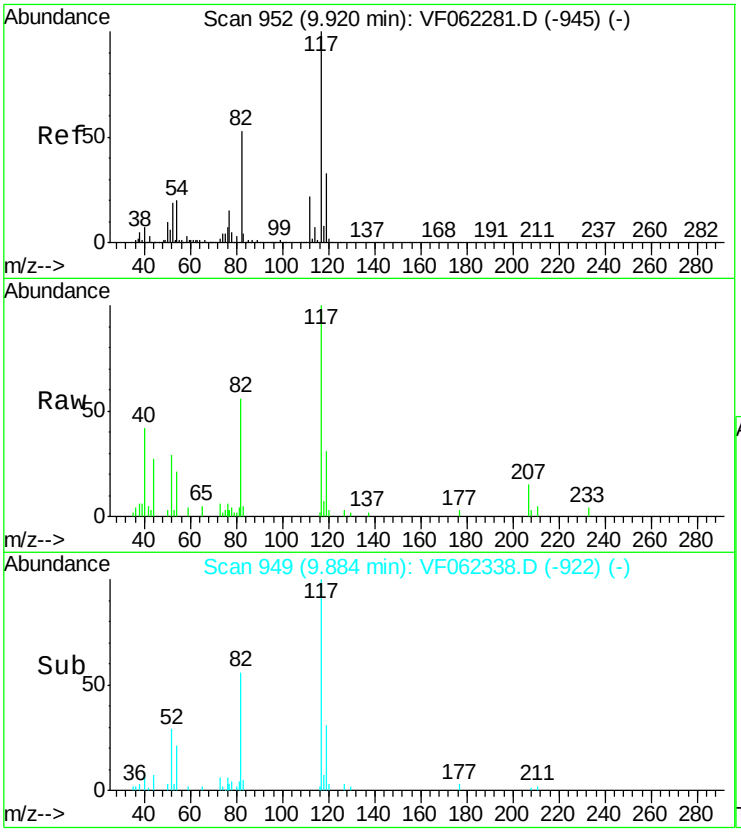


#62
4-Bromofluorobenzene
Concen: 25.325 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 95 Resp: 4763

Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	185.2
176	91.5	0.0	184.8



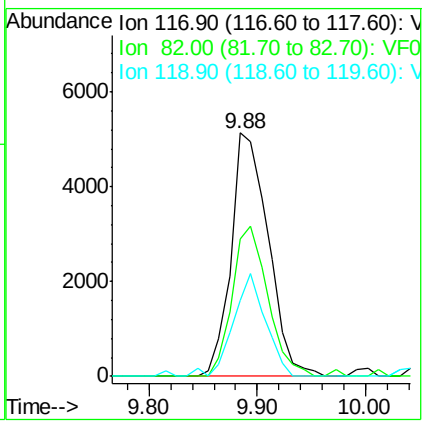


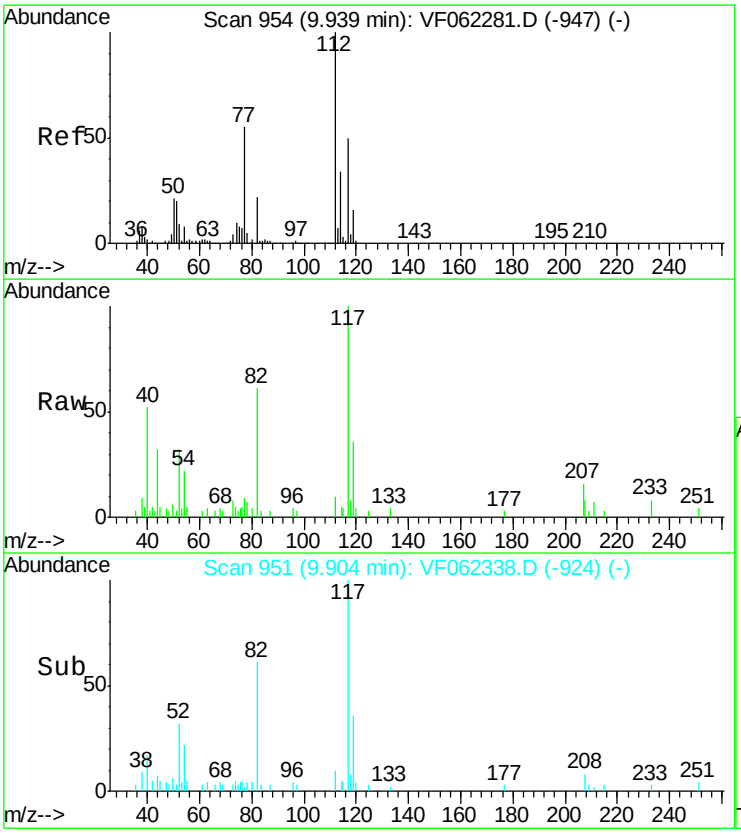
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.88 min Scan# 949
Delta R.T. -0.04 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Tgt Ion:117 Resp: 12334

Ion	Ratio	Lower	Upper
117	100		
82	56.3	42.6	64.0
119	31.4	26.1	39.1

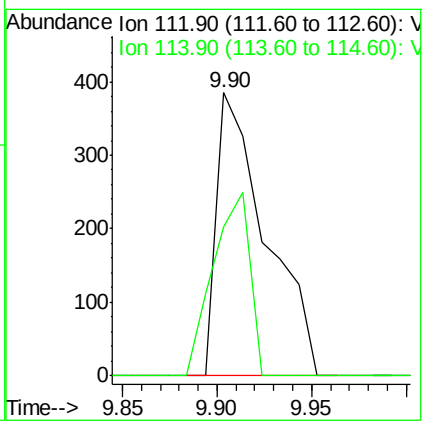


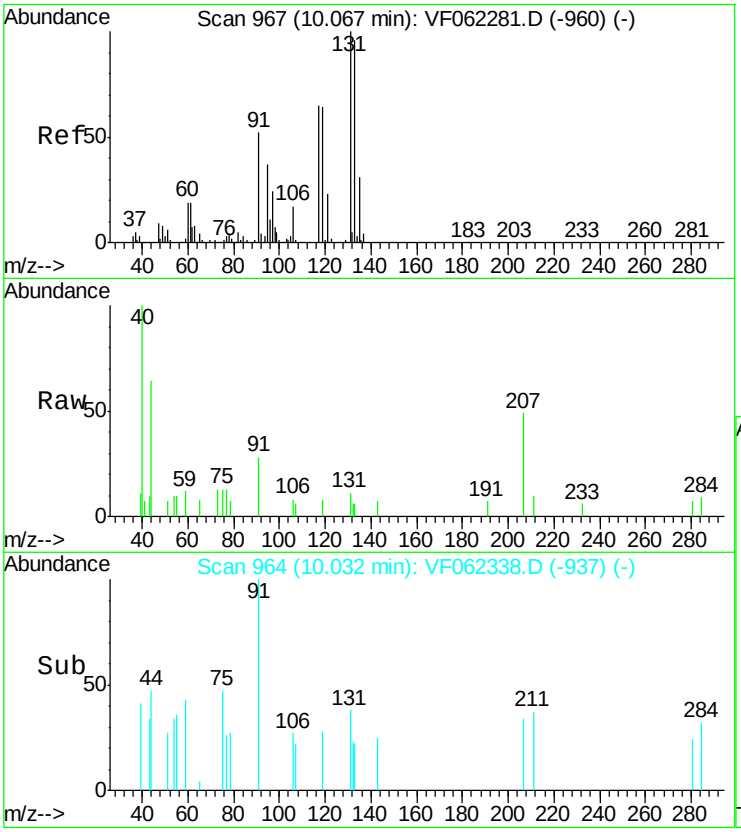


#65
Chlorobenzene
Concen: 3.084 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.04 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion:112 Resp: 695

Ion	Ratio	Lower	Upper
112	100		
114	52.5	27.0	40.6#



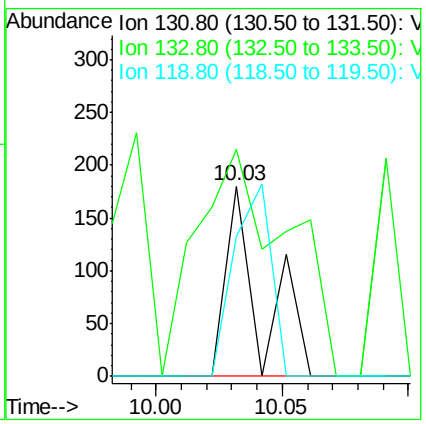


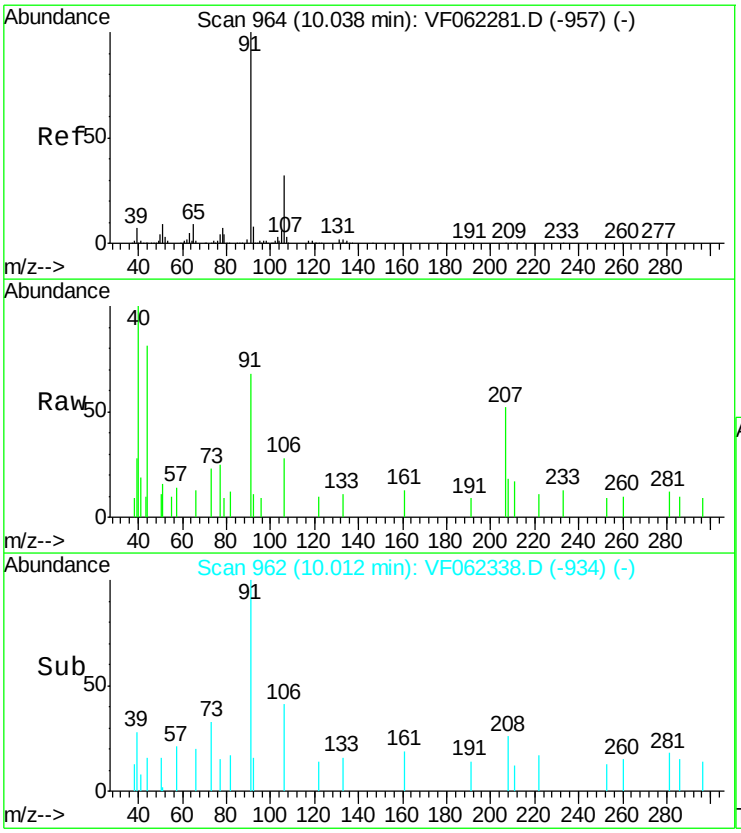
#66
1,1,1,2-Tetrachloroethane
Concen: 1.639 ug/l
RT: 10.03 min Scan# 964
Delta R.T. -0.04 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion:131 Resp: 174

Ion	Ratio	Lower	Upper
131	100		
133	308.0	48.5	145.5#
119	106.9	32.9	98.7#

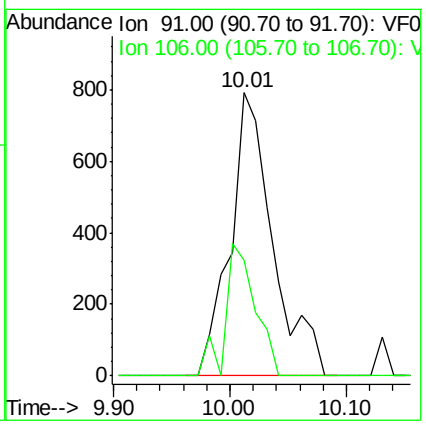


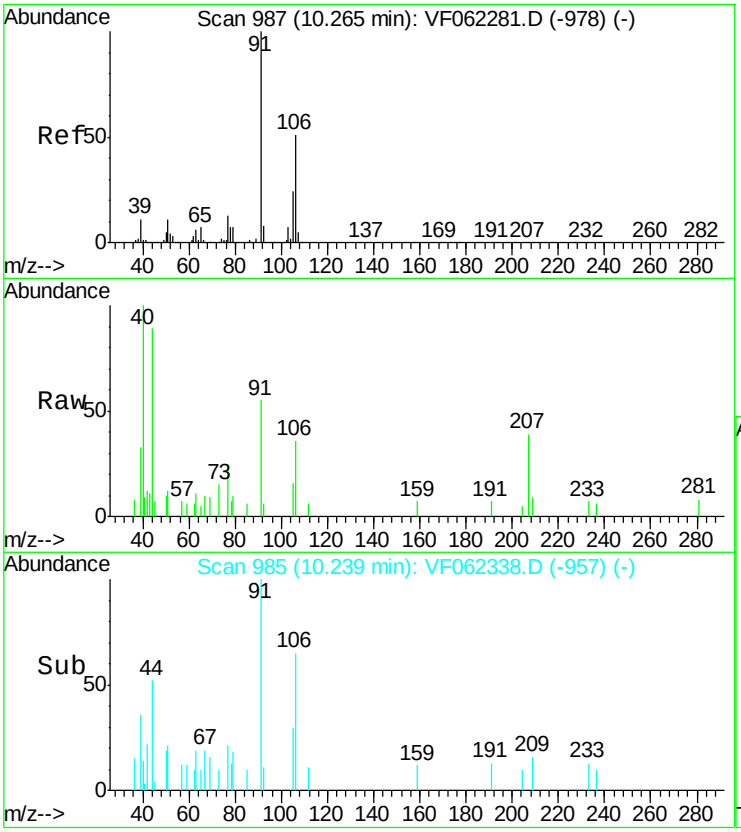


#67
Ethyl Benzene
Concen: 5.130 ug/l
RT: 10.01 min Scan# 962
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 91 Resp: 2010

Ion	Ratio	Lower	Upper
91	100		
106	40.8	25.6	38.4#



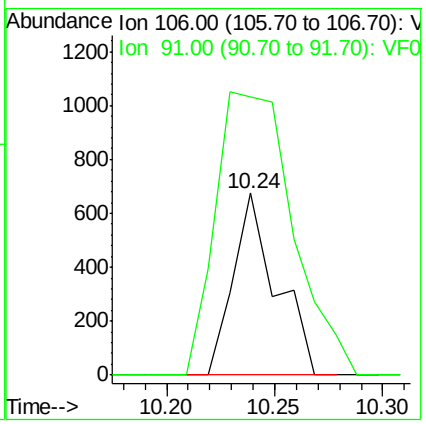


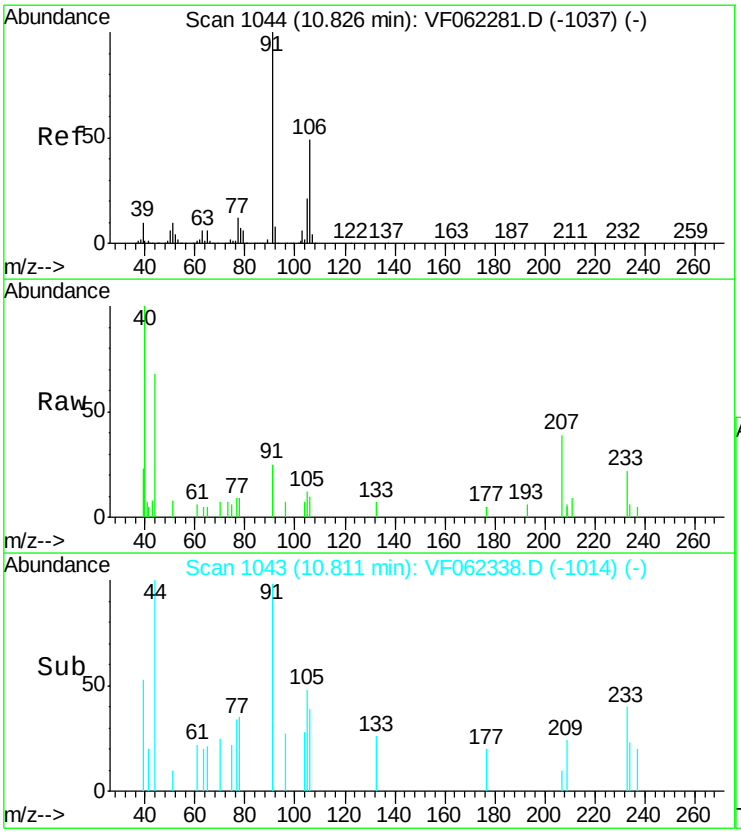
#68
m/p-Xylenes
Concen: 6.423 ug/l
RT: 10.24 min Scan# 985
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion:106 Resp: 937

Ion	Ratio	Lower	Upper
106	100		
91	279.0	158.3	237.5#

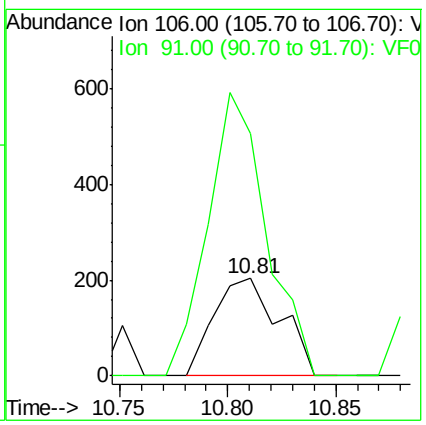


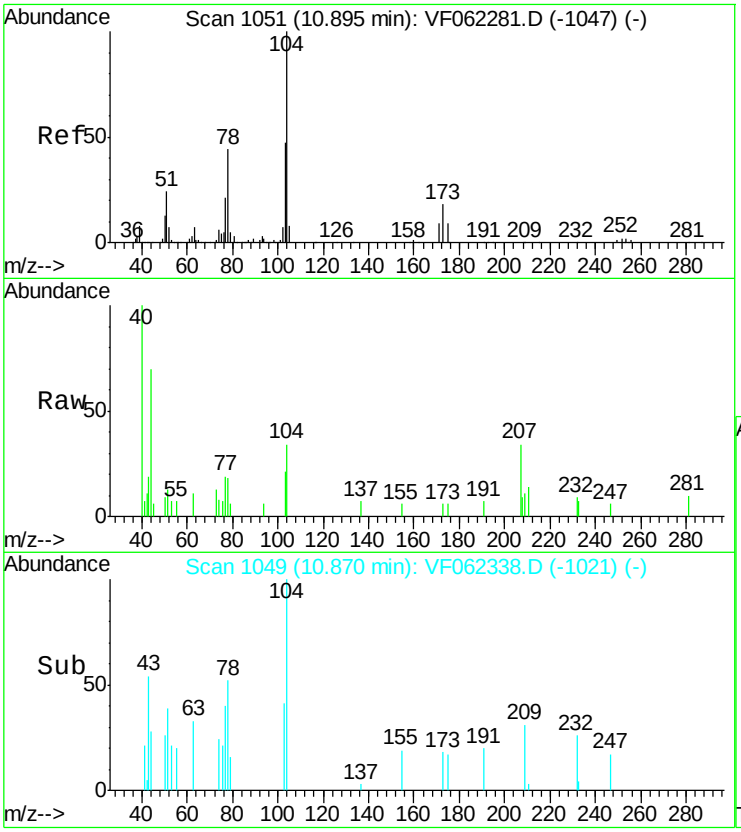


#69
o-Xylene
Concen: 2.651 ug/l
RT: 10.81 min Scan# 1043
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion:106 Resp: 432

Ion	Ratio	Lower	Upper
106	100		
91	259.7	110.0	330.0



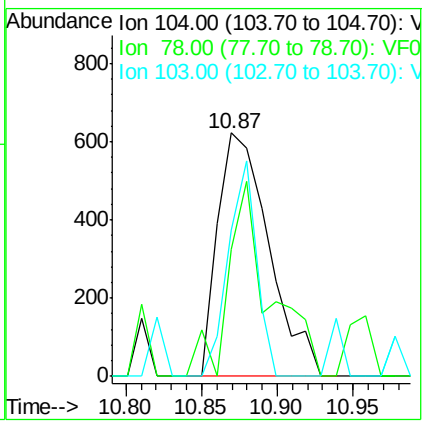


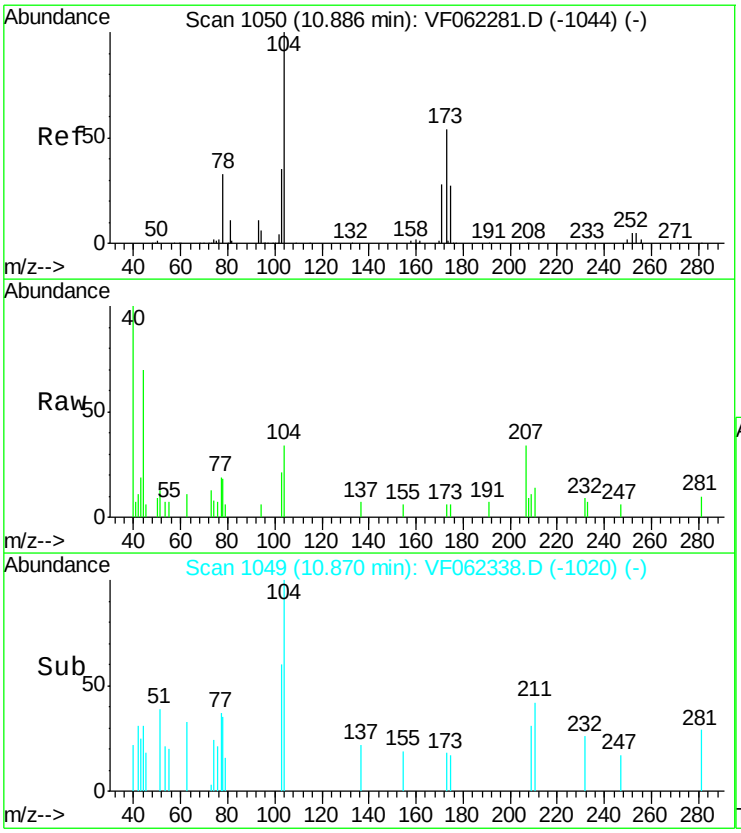
#70
Stvrene
Concen: 6.239 ug/l
RT: 10.87 min Scan# 1049
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion:104 Resp: 1470

Ion	Ratio	Lower	Upper
104	100		
78	65.0	35.9	53.9#
103	48.4	37.5	56.3

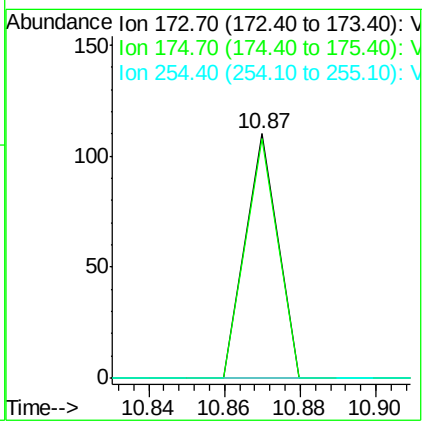


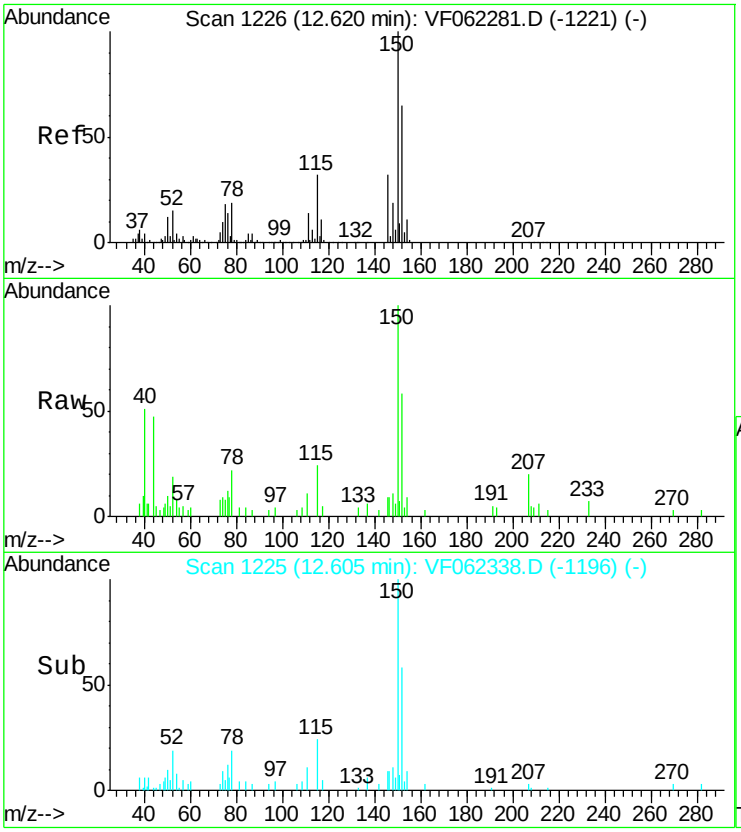


#71
Bromoform
Concen: 1.088 ug/l
RT: 10.87 min Scan# 1049
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion:173 Resp: 65

Ion	Ratio	Lower	Upper
173	100		
175	98.5	25.3	75.9#
254	0.0	0.1	0.1#



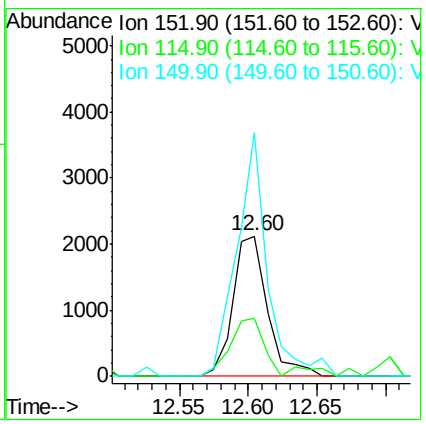


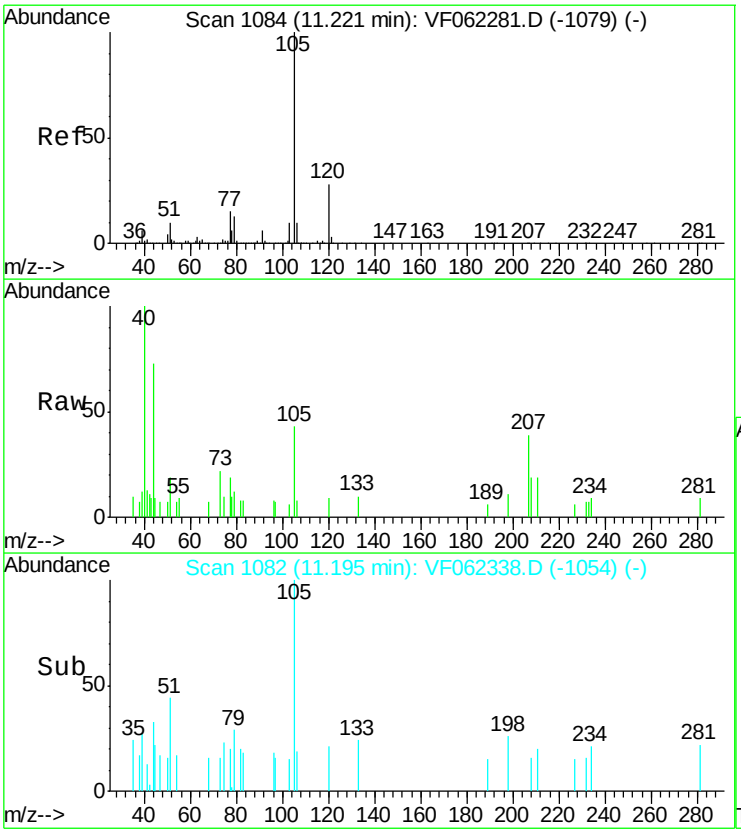
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Tgt Ion:152 Resp: 3725

Ion	Ratio	Lower	Upper
152	100		
115	44.0	25.6	76.8
150	154.5	0.0	330.6

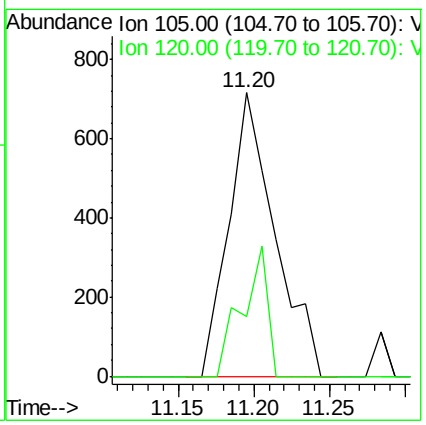


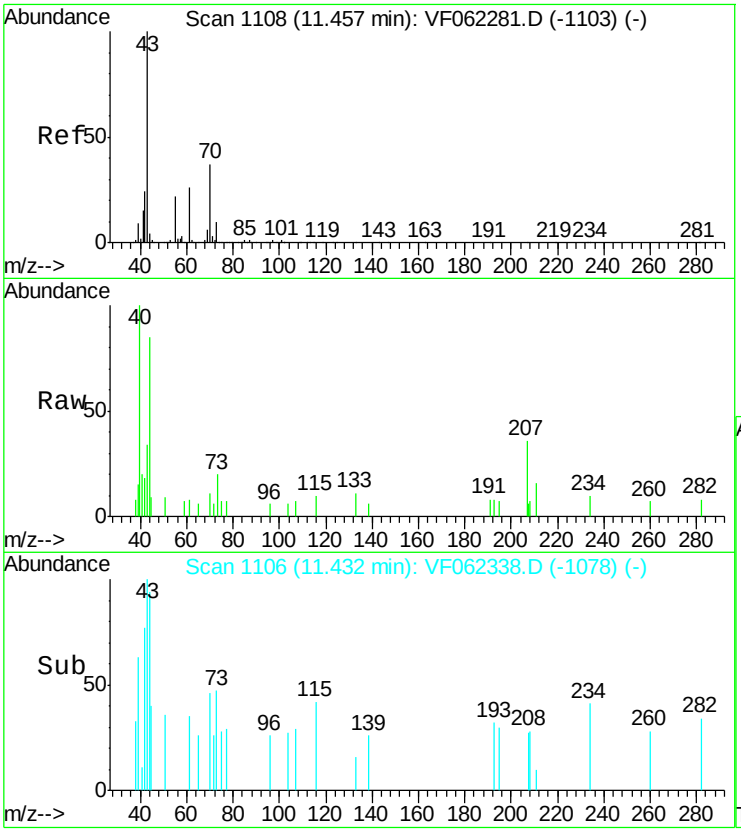


#73
Isopropylbenzene
Concen: 5.948 ug/l
RT: 11.20 min Scan# 1082
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion:105 Resp: 1518

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.4	37.2



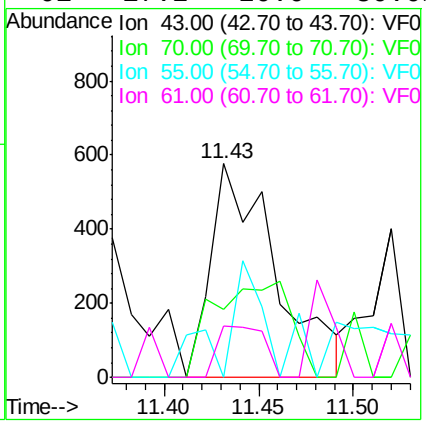


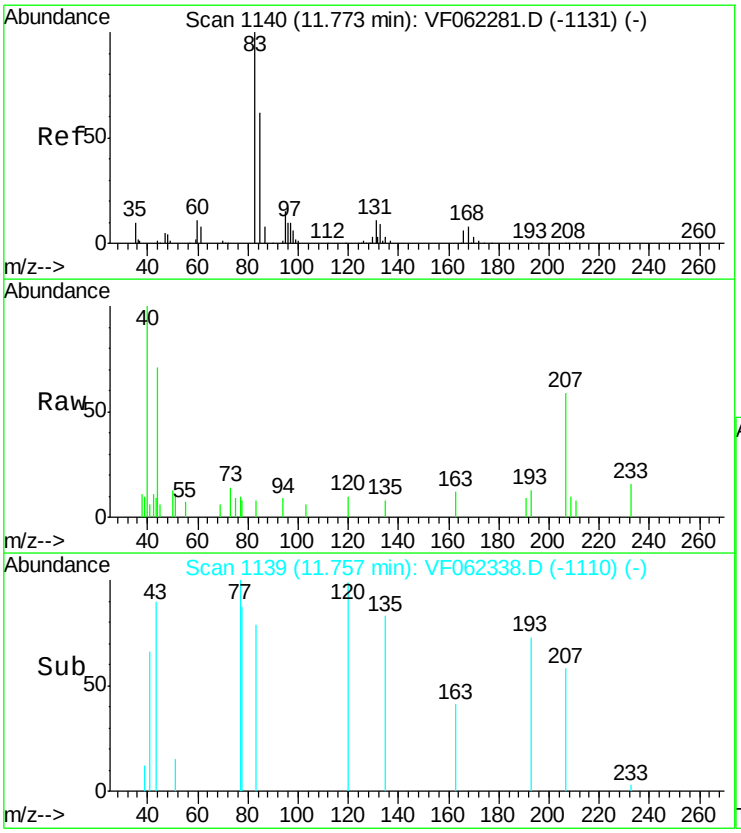
#74
N-amyl acetate
Concen: 23.485 ug/l
RT: 11.43 min Scan# 1106
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion: 43 Resp: 1381

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.8	41.8#
55	31.9	16.6	24.8#
61	17.2	20.0	30.0#

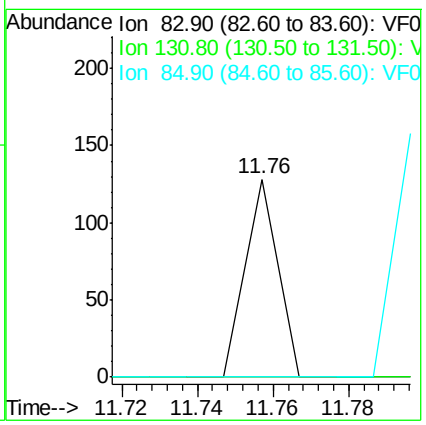


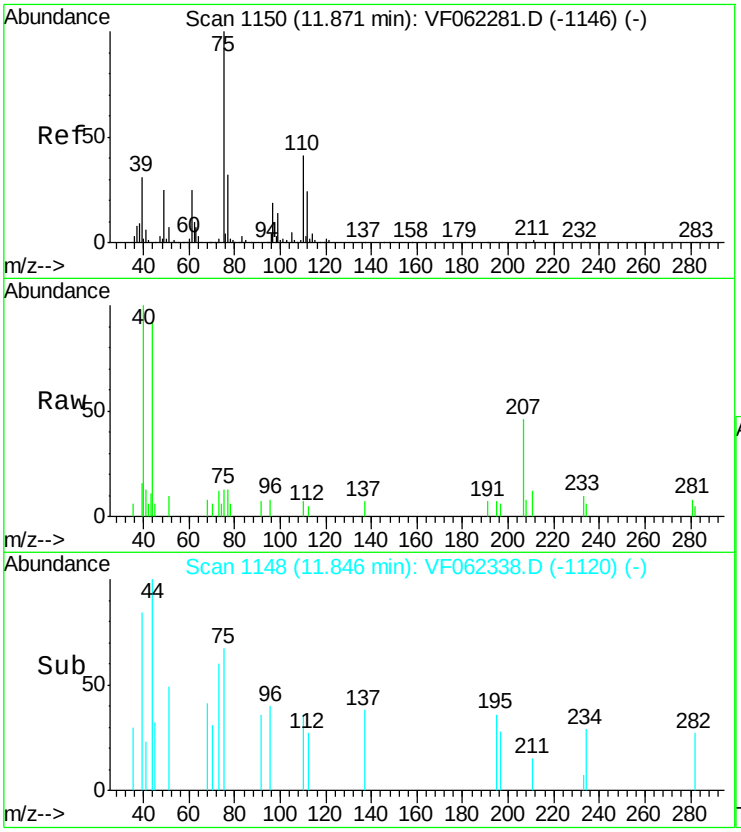


#75
1,1,2,2-Tetrachloroethane
Concen: 1.874 ug/l
RT: 11.76 min Scan# 1139
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 83 Resp: 76

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.5#
85	0.0	34.5	103.6#



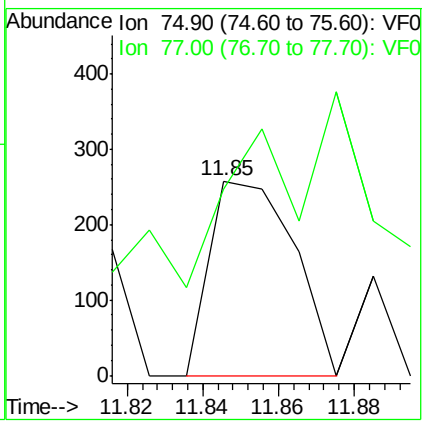


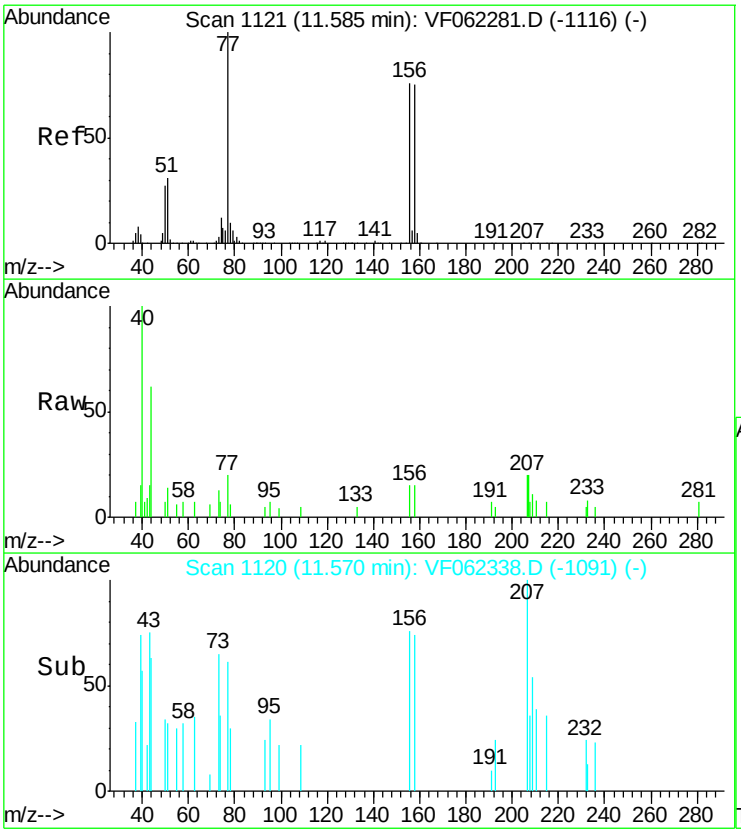
#76
1,2,3-Trichloropropane
Concen: 13.765 ug/l
RT: 11.85 min Scan# 1148
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion: 75 Resp: 396

Ion	Ratio	Lower	Upper
75	100		
77	95.2	0.0	0.0#

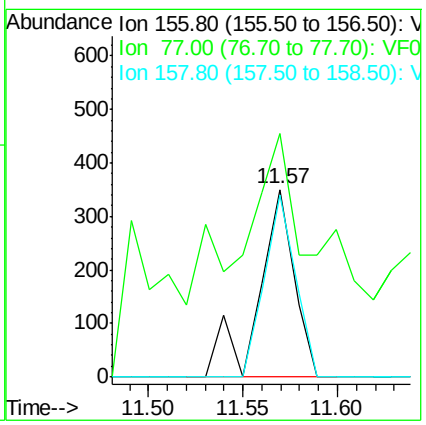


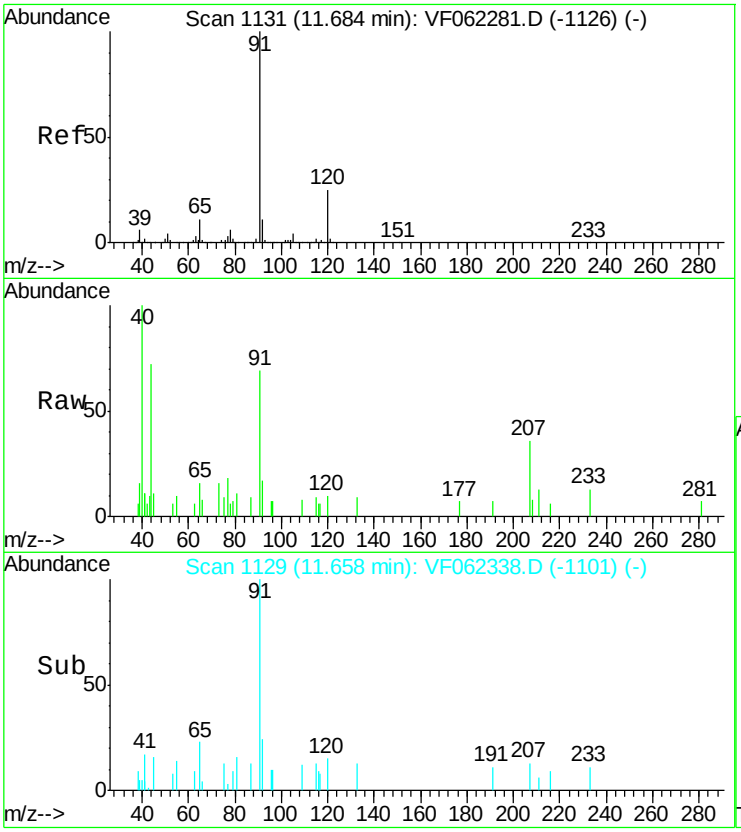


#77
Bromobenzene
Concen: 7.178 ug/l
RT: 11.57 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion:156 Resp: 458

Ion	Ratio	Lower	Upper
156	100		
77	215.7	67.3	201.9#
158	84.9	49.5	148.5



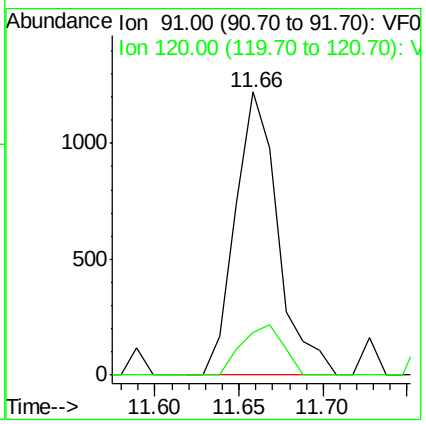


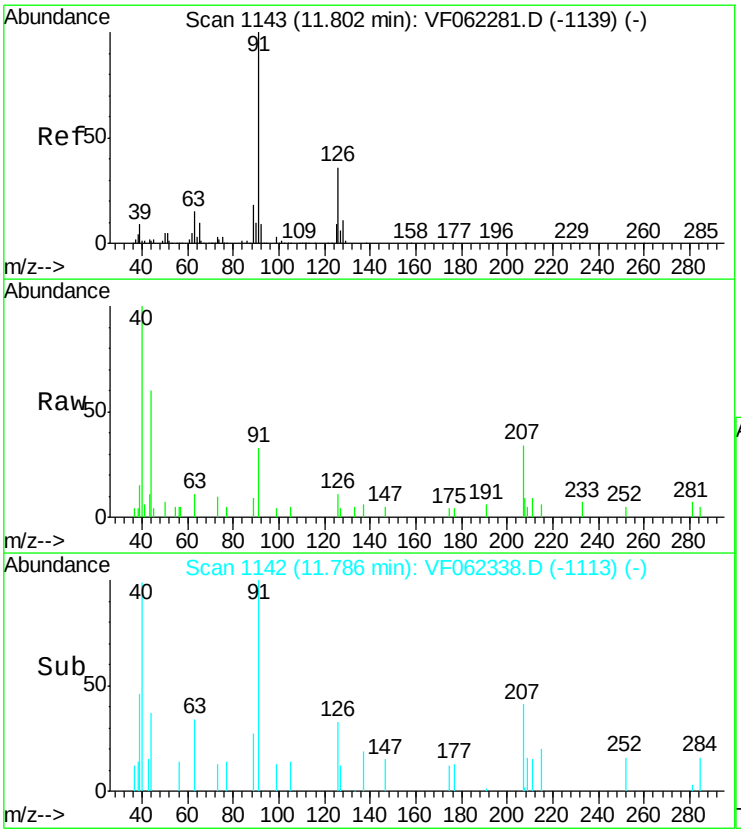
#78
n-propylbenzene
Concen: 7.999 ug/l
RT: 11.66 min Scan# 1129
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion: 91 Resp: 2148

Ion	Ratio	Lower	Upper
91	100		
120	17.2	11.8	35.4

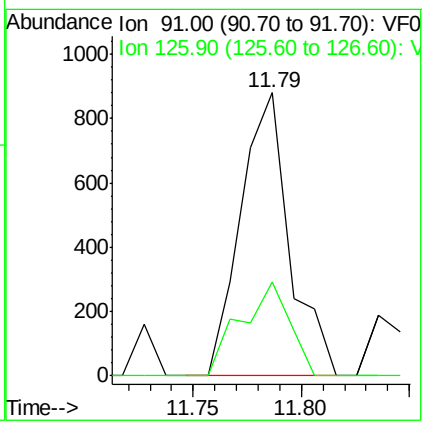


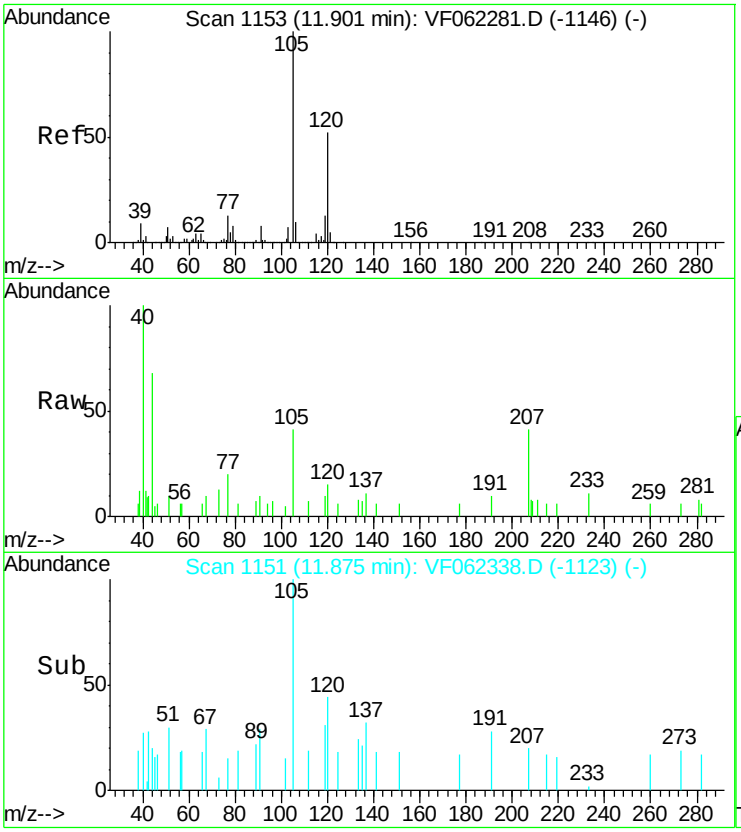


#79
2-Chlorotoluene
Concen: 8.531 ug/l
RT: 11.79 min Scan# 1142
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 91 Resp: 1380

Ion	Ratio	Lower	Upper
91	100		
126	33.3	17.9	53.8



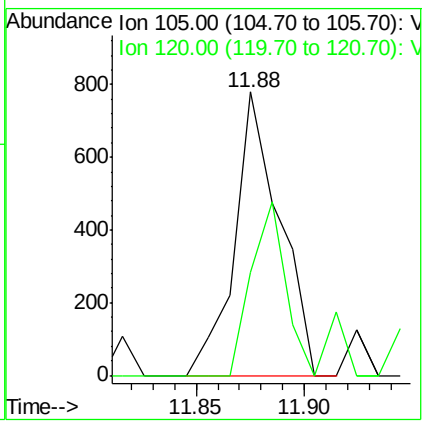


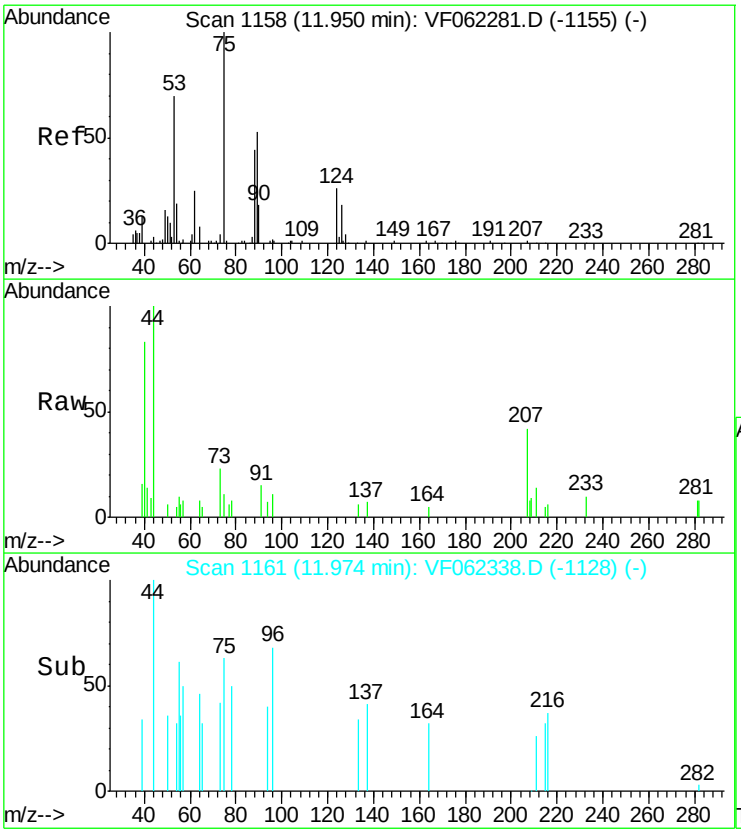
#80
1,3,5-Trimethylbenzene
Concen: 5.273 ug/l
RT: 11.88 min Scan# 1151
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion:105 Resp: 1136

Ion	Ratio	Lower	Upper
105	100		
120	46.8	25.8	77.4

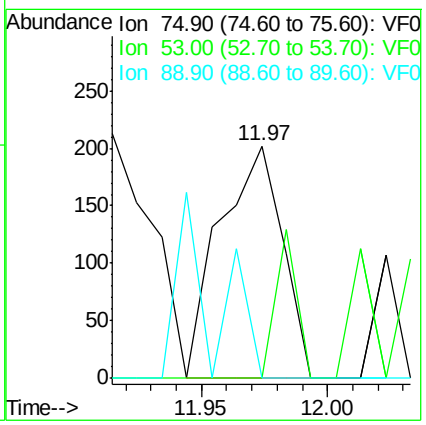


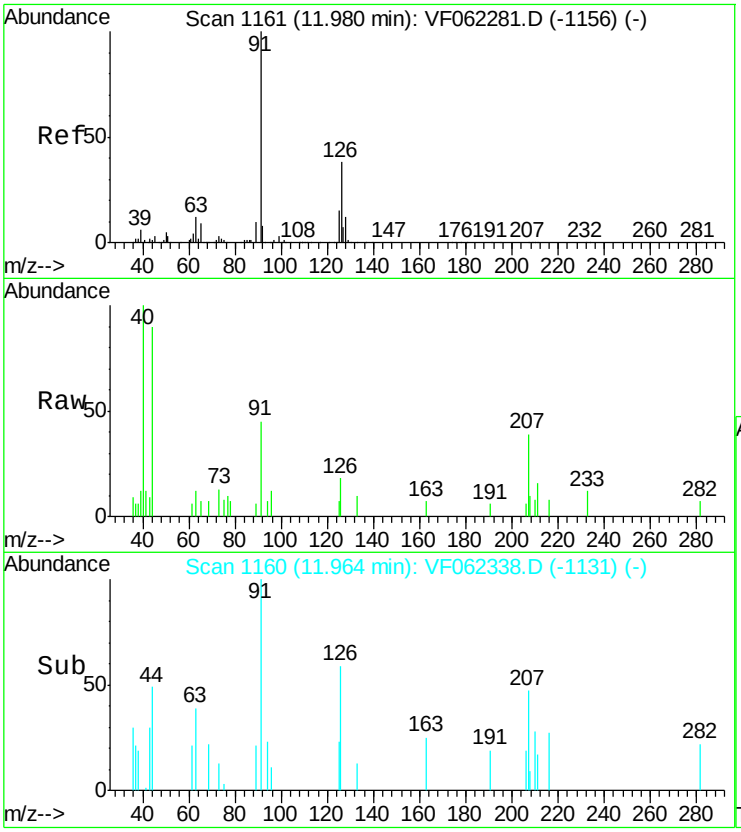


#81
trans-1,4-Dichloro-2-butene
Concen: 27.295 ug/l
RT: 11.97 min Scan# 1161
Delta R.T. 0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 75 Resp: 351

Ion	Ratio	Lower	Upper
75	100		
53	21.7	67.1	100.7#
89	0.0	0.0	0.0



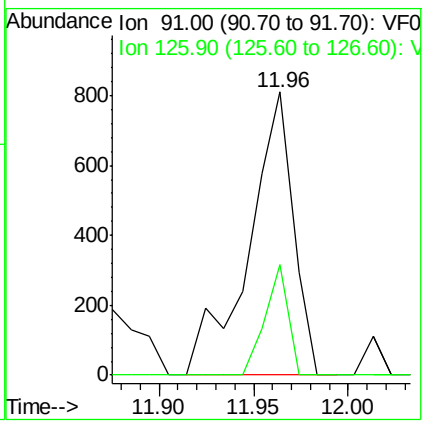


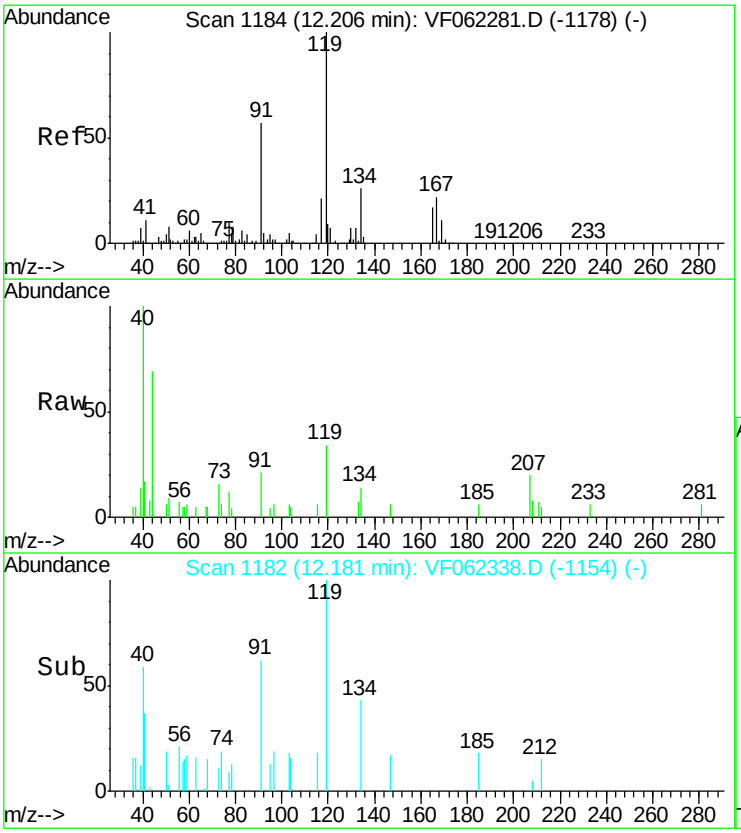
#82
4-Chlorotoluene
Concen: 8.303 ug/l
RT: 11.96 min Scan# 1160
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion: 91 Resp: 1329

Ion	Ratio	Lower	Upper
91	100		
126	20.0	17.3	52.0

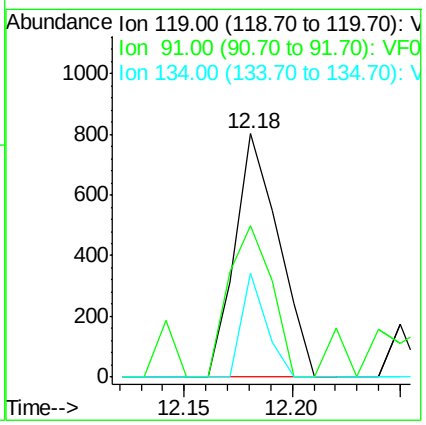


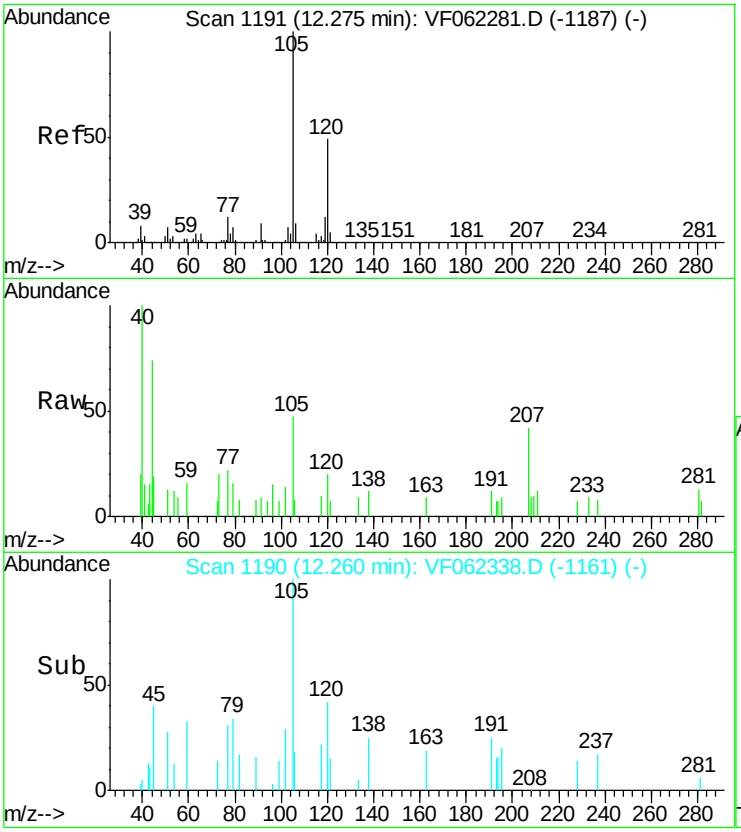


#83
tert-Butylbenzene
Concen: 5.097 ug/l
RT: 12.18 min Scan# 1182
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion:119 Resp: 1127

Ion	Ratio	Lower	Upper
119	100		
91	61.0	29.4	88.2
134	24.0	11.9	35.7



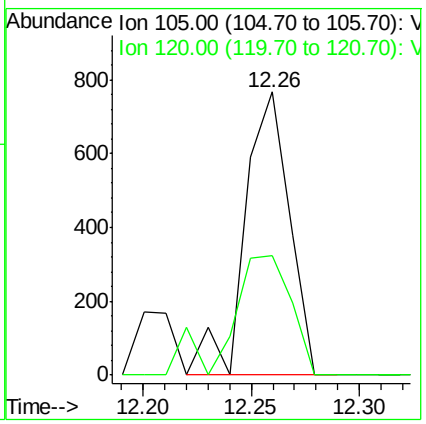


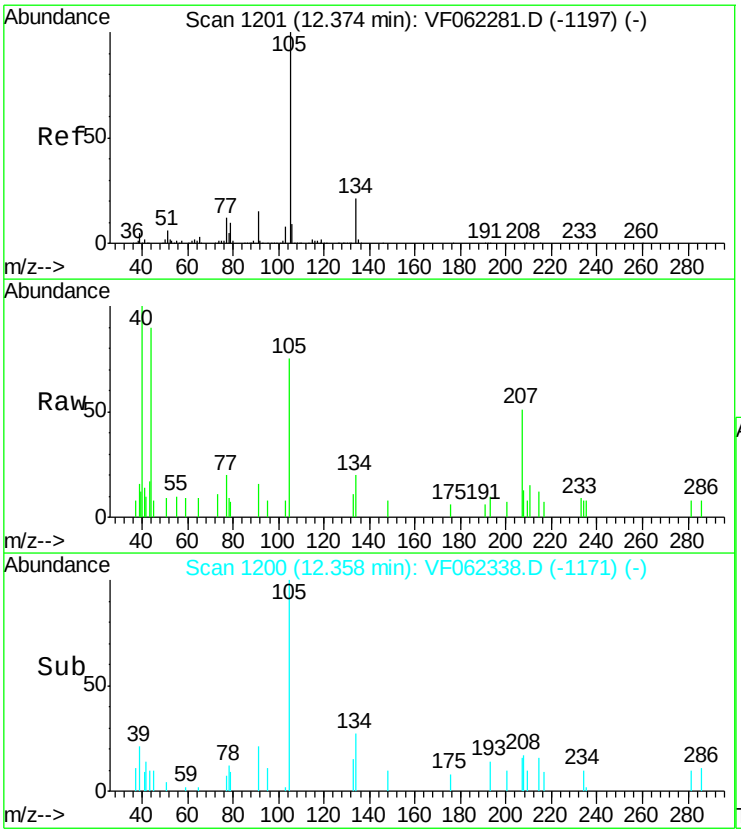
#84
1,2,4-Trimethylbenzene
Concen: 5.291 ug/l
RT: 12.26 min Scan# 1190
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion:105 Resp: 1104

Ion	Ratio	Lower	Upper
105	100		
120	57.4	24.1	72.2

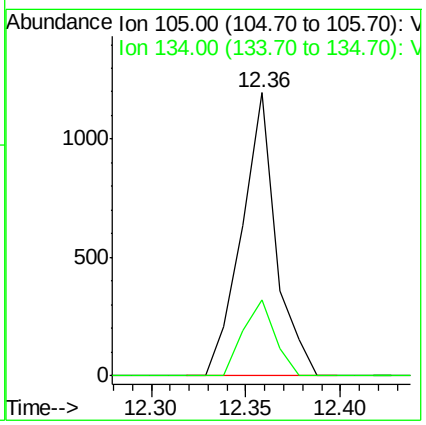


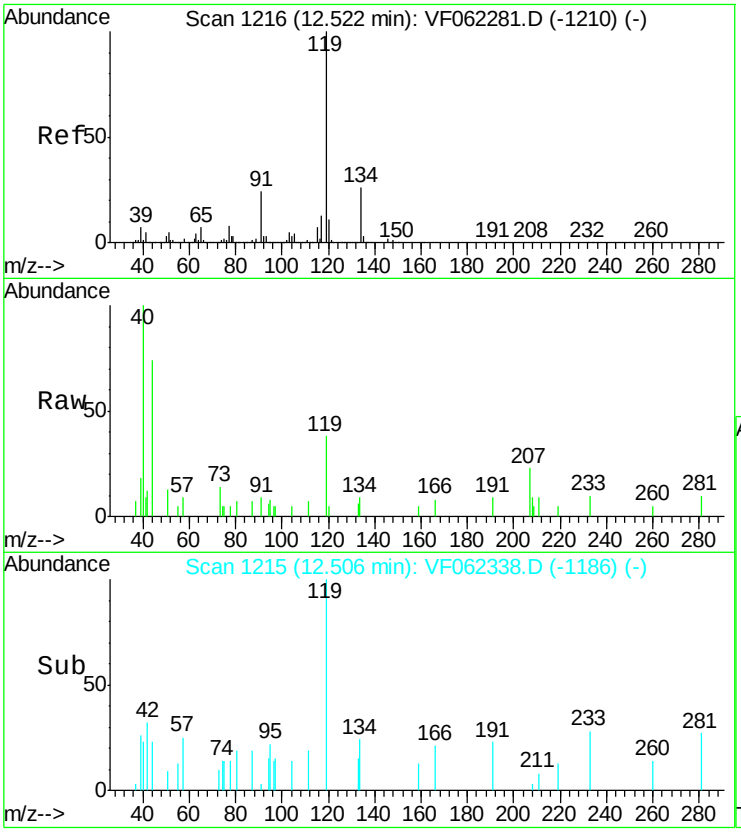


#85
sec-Butylbenzene
Concen: 5.472 ug/l
RT: 12.36 min Scan# 1200
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion:105 Resp: 1507

Ion	Ratio	Lower	Upper
105	100		
134	24.6	10.2	30.4



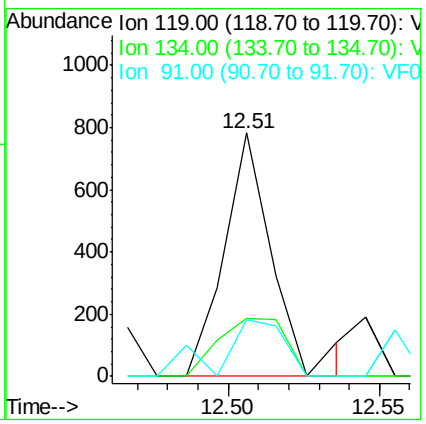


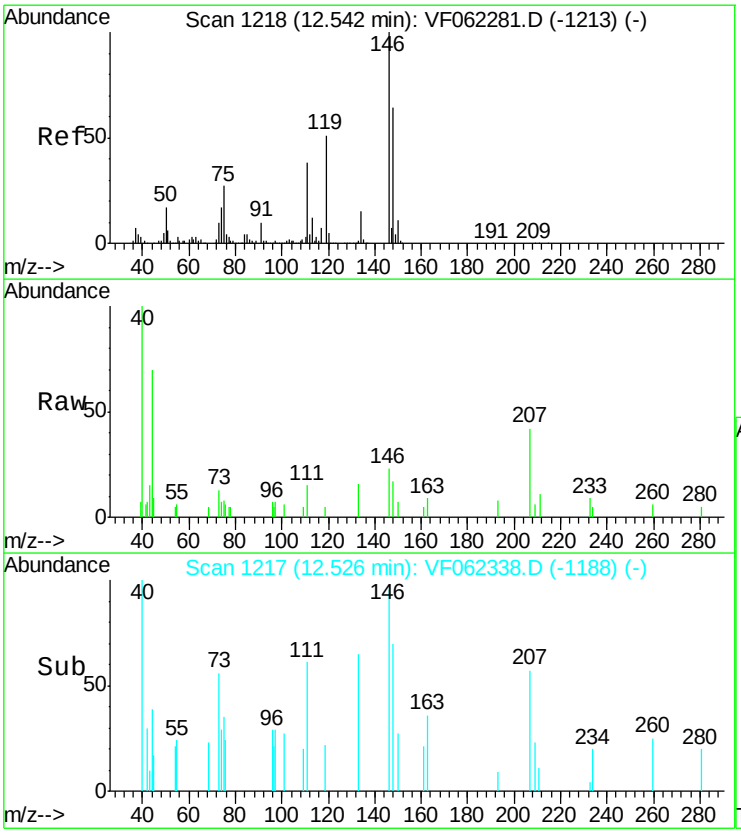
#86
p-Isopropyltoluene
Concen: 3.592 ug/l
RT: 12.51 min Scan# 1215
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument : MSVOA_F
ClientSampleId : P-66-TPRE

Tgt Ion:119 Resp: 887

Ion	Ratio	Lower	Upper
119	100		
134	32.4	13.2	39.5
91	30.0	11.6	34.7

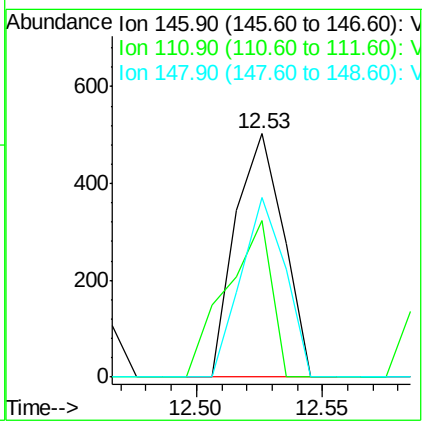


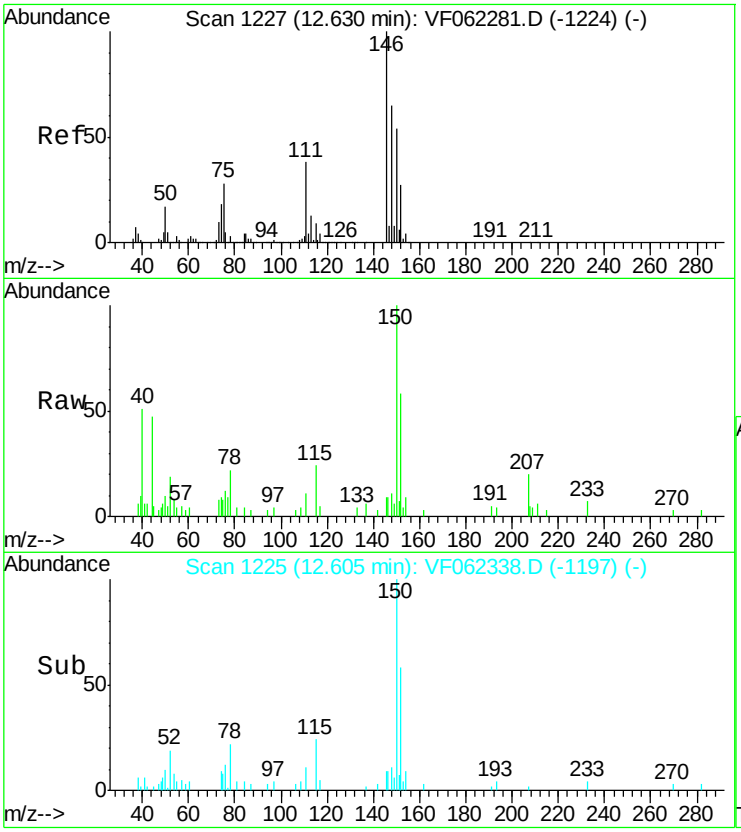


#87
1,3-Dichlorobenzene
Concen: 5.891 ug/l
RT: 12.53 min Scan# 1217
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion:146 Resp: 665

Ion	Ratio	Lower	Upper
146	100		
111	60.6	18.6	55.8#
148	68.4	32.8	98.4



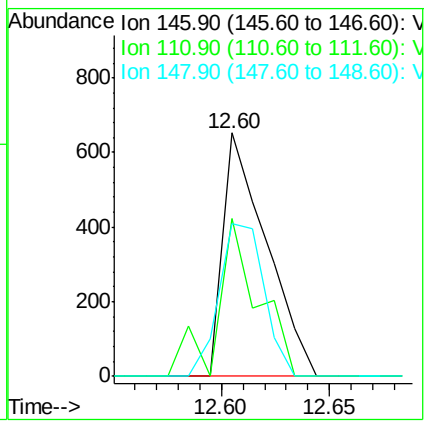


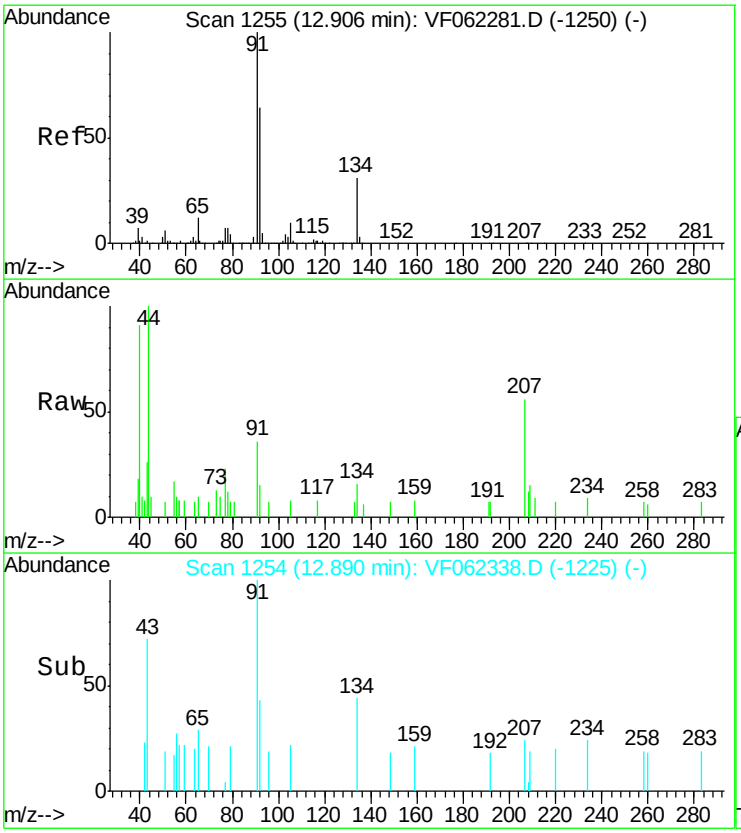
#88
1,4-Dichlorobenzene
Concen: 8.568 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion:146 Resp: 917

Ion	Ratio	Lower	Upper
146	100		
111	61.0	18.6	56.0#
148	65.3	32.5	97.5

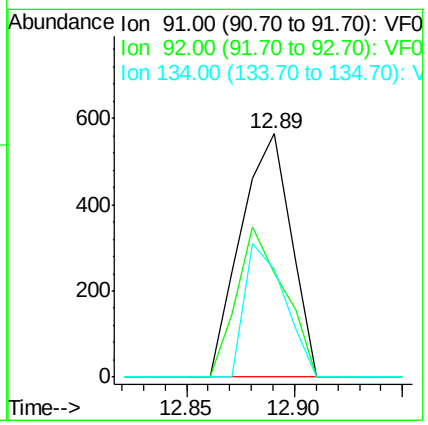


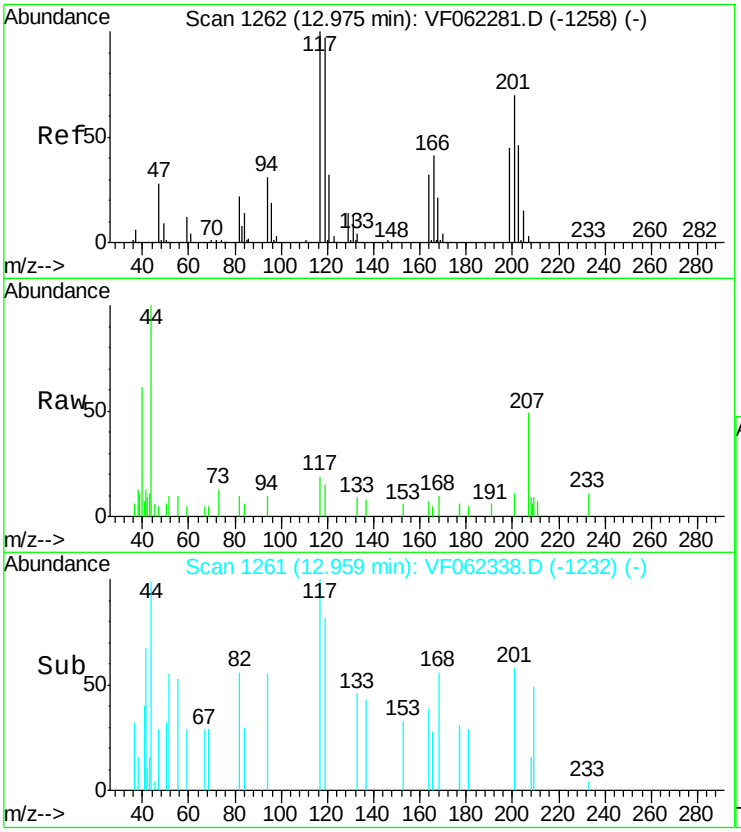


#89
n-Butylbenzene
Concen: 4.052 ug/l
RT: 12.89 min Scan# 1254
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion: 91 Resp: 909

Ion	Ratio	Lower	Upper
91	100		
92	57.8	31.1	93.3
134	43.7	14.4	43.4#



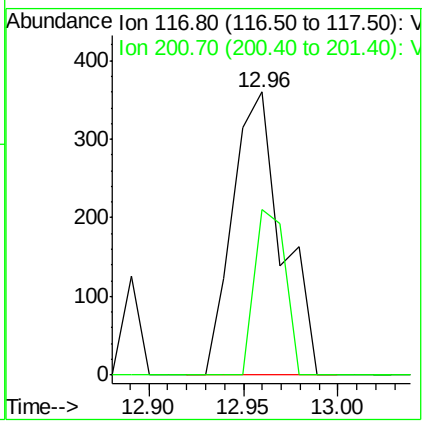


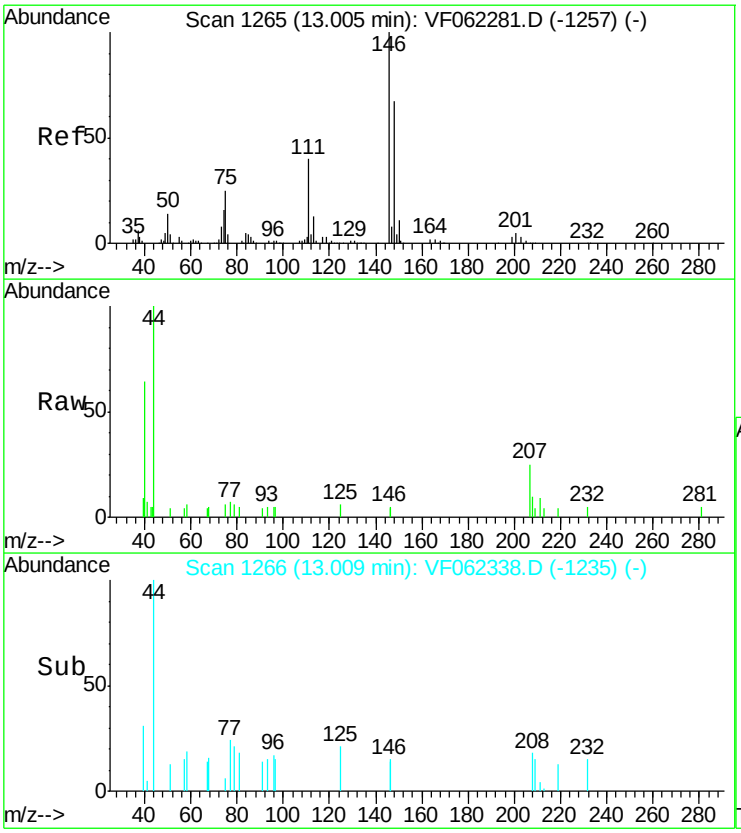
#90
Hexachloroethane
Concen: 10.518 ug/l
RT: 12.96 min Scan# 1261
Delta R.T. -0.02 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion:117 Resp: 651

Ion	Ratio	Lower	Upper
117	100		
201	36.6	42.9	128.5#

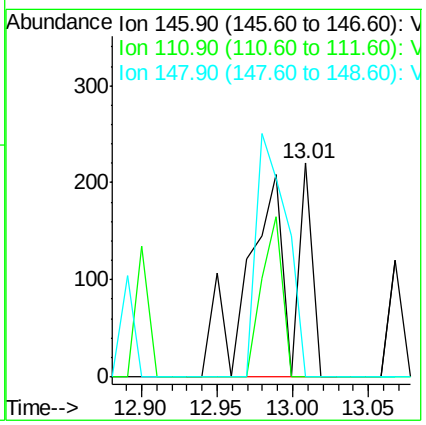


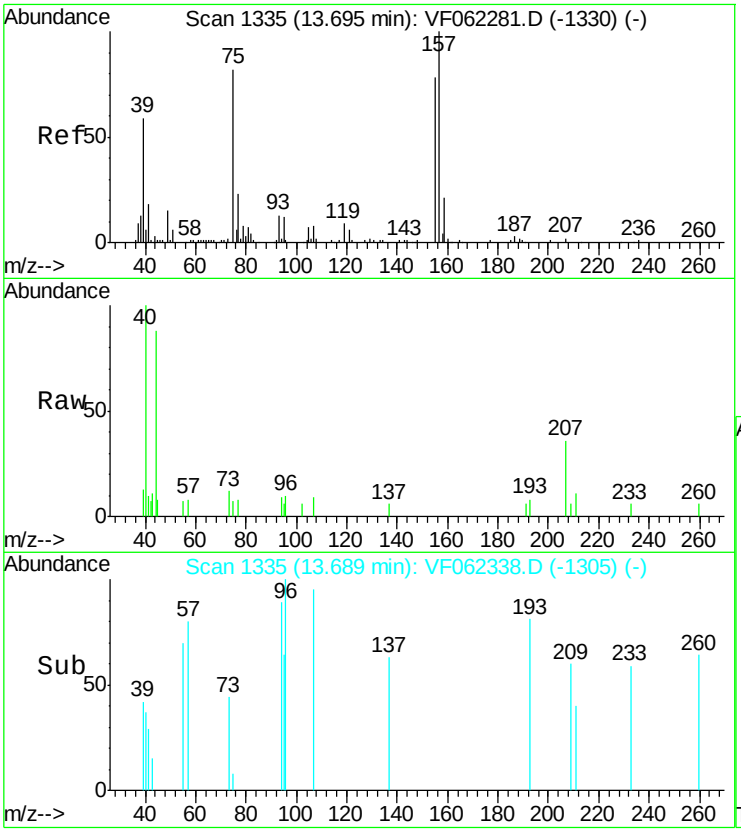


#91
1,2-Dichlorobenzene
Concen: 4.375 ug/l
RT: 13.01 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion:146 Resp: 474

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.0	59.9#
148	0.0	33.1	99.5#



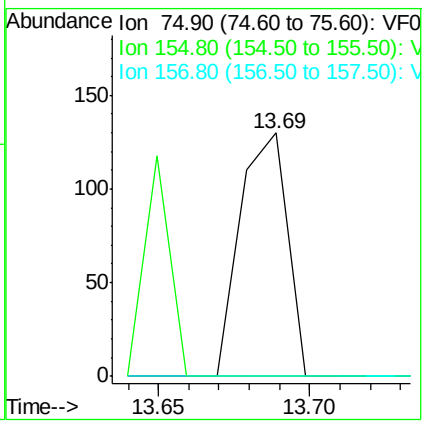


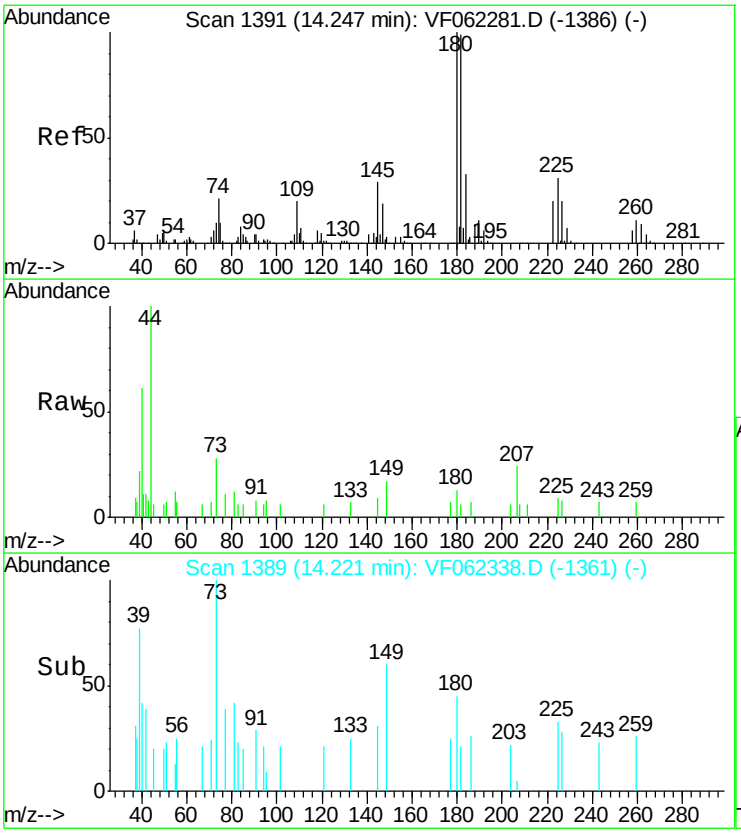
#92
1,2-Dibromo-3-Chloropropane
Concen: 17.360 ug/l
RT: 13.69 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion: 75 Resp: 142

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.7	155.2#
157	0.0	64.5	193.5#

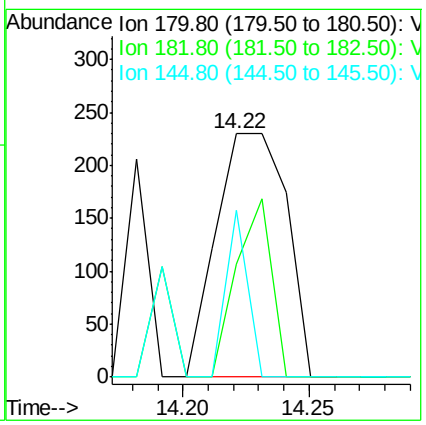


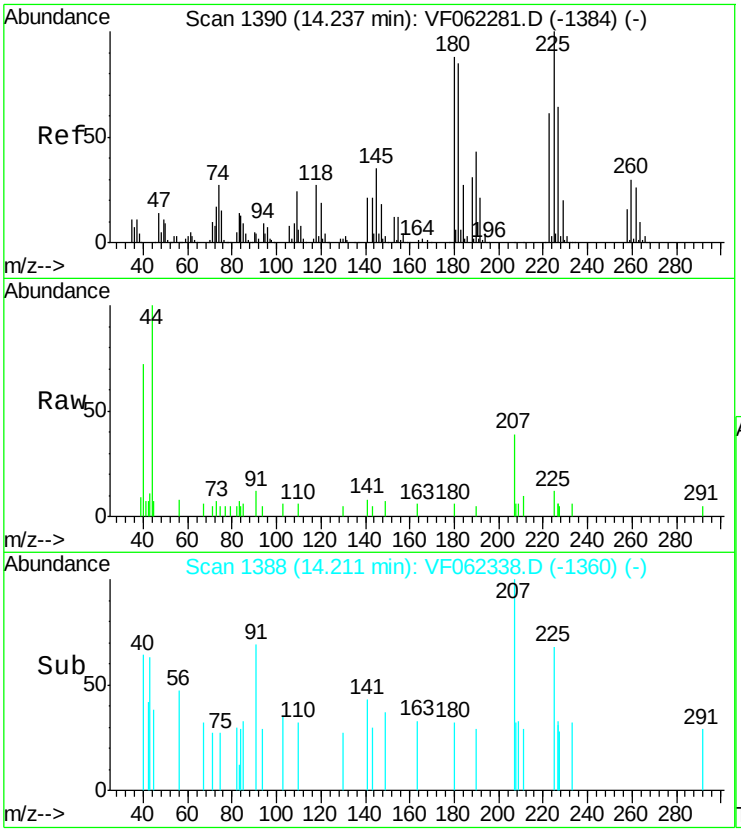


#93
1,2,4-Trichlorobenzene
Concen: 4.696 ug/l
RT: 14.22 min Scan# 1389
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion:180 Resp: 447

Ion	Ratio	Lower	Upper
180	100		
182	36.5	48.5	145.6#
145	20.8	16.7	50.1



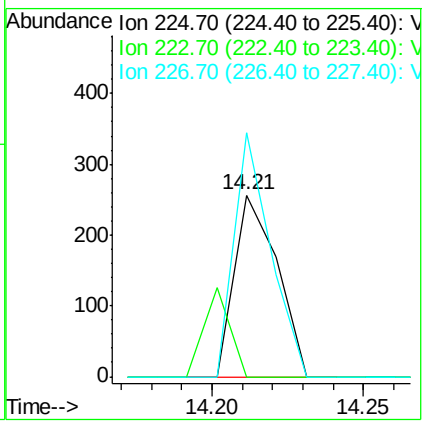


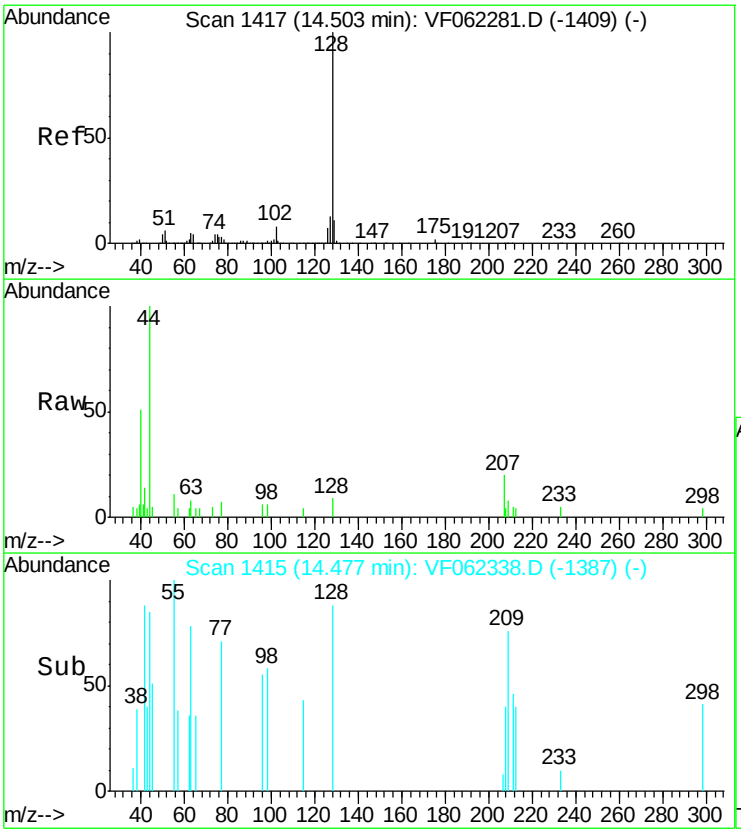
#94
Hexachlorobutadiene
Concen: 3.667 ug/l
RT: 14.21 min Scan# 1388
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion:225 Resp: 251

Ion	Ratio	Lower	Upper
225	100		
223	29.9	30.8	92.3#
227	114.7	31.9	95.5#

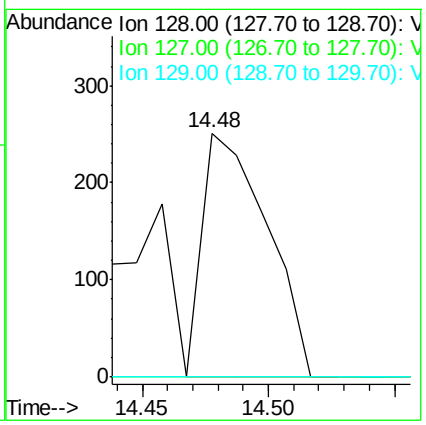


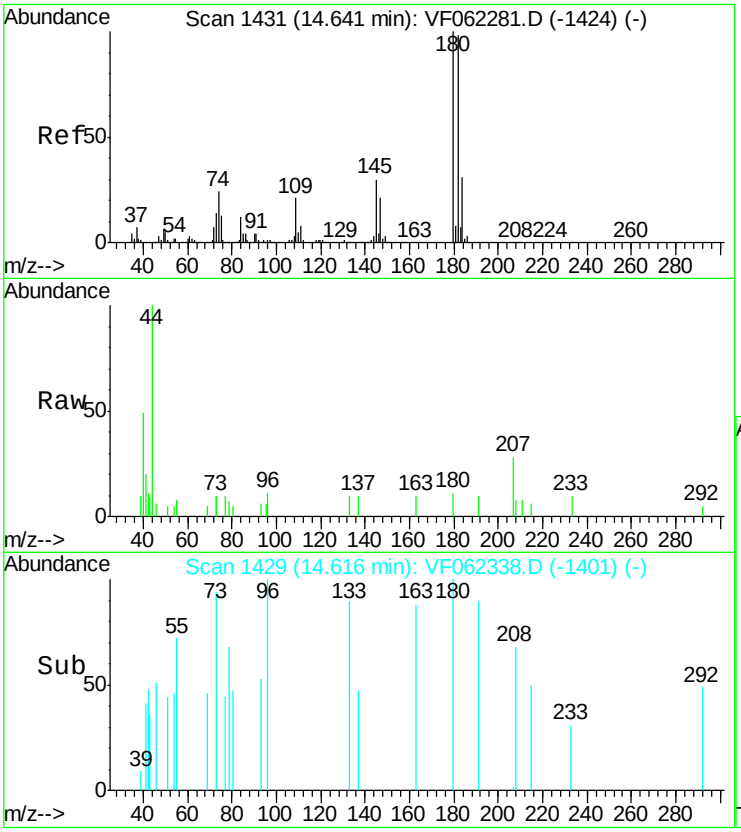


#95
Naphthalene
Concen: 3.045 ug/l
RT: 14.48 min Scan# 1415
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Tgt Ion:128 Resp: 449

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.9	13.3#





#96
1,2,3-Trichlorobenzene
Concen: 2.455 ug/l
RT: 14.62 min Scan# 1429
Delta R.T. -0.03 min
Lab File: VF062338.D
Acq: 30 Apr 2019 18:19

Instrument :
MSVOA_F
ClientSampleId :
P-66-TPRE

Tgt Ion:180 Resp: 221

Ion	Ratio	Lower	Upper
180	100		
182	43.4	49.0	147.2#
145	0.0	14.5	43.5#