Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF043019\
Data File : VF062336.D
Acq On : 30 Apr 2019 16:27
Operator : FY/SY
Sample : K2623-02
Misc : 4.40g/5mL/MSVOA_F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SP-1

Quant Time: May 01 02:53:44 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	5.05	168	5333	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	4910	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	1847	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	60	50.00	ug/l	-0.07
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	1245	28.82	ug/l	-0.03
Spiked Amount 50.000			Recovery = 57.64%			
35) Dibromofluoromethane	4.30	113	1452	39.88	ug/l	-0.02
Spiked Amount 50.000			Recovery = 79.76%			
50) Toluene-d8	7.70	98	3816	42.91	ug/l	-0.02
Spiked Amount 50.000			Recovery = 85.82%			
62) 4-Bromofluorobenzene	11.48	95	173	4.72	ug/l	-0.02
Spiked Amount 50.000			Recovery = 9.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.00	85	219	3.456	ug/l #	40
3) Chloromethane	1.13	50	113	2.116	ug/l #	44
4) Vinyl Chloride	1.13	62	102	2.017	ug/l #	44
5) Bromomethane	1.37	94	61	1.776	ug/l #	6
6) Chloroethane	1.45	64	63	2.842	ug/l #	42
7) Trichlorofluoromethane	1.80	101	123	1.531	ug/l #	15
8) Diethyl Ether	1.81	74	86	5.908	ug/l	52
9) 1,1,2-Trichlorotrifluoroet	1.93	101	70	1.388	ug/l #	19
11) Tert butyl alcohol	2.61	59	128	48.984	ug/l #	1
12) 1,1-Dichloroethene	1.86	96	198	4.401	ug/l #	1
13) Acrolein	2.08	56	172	76.140	ug/l #	10
14) Allyl chloride	2.23	41	307	6.270	ug/l #	1
15) Acrylonitrile	3.10	53	86	11.883	ug/l #	1
16) Acetone	2.33	43	840	86.850	ug/l #	56
18) Methyl Acetate	2.48	43	293	14.145	ug/l #	59
19) Methyl tert-butyl Ether	2.57	73	358	4.174	ug/l #	57
20) Methylene Chloride	2.35	84	67	Below Cal	#	53
21) trans-1,2-Dichloroethene	2.47	96	77	1.732	ug/l #	1
22) Diisopropyl ether	2.94	45	151	1.146	ug/l #	13
23) Vinyl Acetate	3.35	43	150	2.566	ug/l #	78
25) 2-Butanone	4.53	43	563	36.711	ug/l #	57
26) 2,2-Dichloropropane	3.57	77	358	9.163	ug/l	95
27) cis-1,2-Dichloroethene	3.66	96	63	1.119	ug/l #	1
28) Bromochloromethane	3.83	49	83	2.618	ug/l #	2
29) Tetrahydrofuran	4.25	42	233	34.577	ug/l #	37
30) Chloroform	4.00	83	102	1.080	ug/l #	18
31) Cyclohexane	3.95	56	175	2.444	ug/l #	16
36) 1,1-Dichloropropene	4.43	75	176	3.885	ug/l #	1
37) Ethyl Acetate	4.28	43	315	16.529	ug/l #	20
38) Carbon Tetrachloride	4.18	117	69	1.498	ug/l #	12
39) Methylcyclohexane	5.88	83	61	1.154	ug/l #	15
41) Methacrylonitrile	4.93	41	385	36.365	ug/l #	22
43) Isopropyl Acetate	7.09	43	364	18.506	ug/l #	46
45) 1,2-Dichloropropane	6.40	63	222	8.997	ug/l #	62

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF043019\
Data File : VF062336.D
Acq On : 30 Apr 2019 16:27
Operator : FY/SY
Sample : K2623-02
Misc : 4.40g/5mL/MSVOA F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SP-1

Quant Time: May 01 02:53:44 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)
47) Bromodichloromethane	6.48	83	73	1.743 ug/l #	1
48) Methyl methacrylate	6.90	41	817	58.516 ug/l #	23
49) 1,4-Dioxane	6.95	88	65	404.298 ug/l #	1
51) 4-Methyl-2-Pentanone	8.26	43	325	21.644 ug/l	98
52) Toluene	7.63	92	84	1.330 ug/l #	1
53) t-1,3-Dichloropropene	8.33	75	93	3.019 ug/l #	41
54) cis-1,3-Dichloropropene	7.50	75	63	1.597 ug/l #	1
55) 1,1,2-Trichloroethane	8.80	97	69	3.847 ug/l #	14
56) Ethyl methacrylate	8.71	69	60	3.045 ug/l #	1
57) 1,3-Dichloropropane	9.04	76	85	3.014 ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.28	63	63	10.507 ug/l #	44
59) 2-Hexanone	9.60	43	110	Below Cal #	28
60) Dibromochloromethane	8.71	129	101	3.470 ug/l #	11
61) 1,2-Dibromoethane	9.09	107	83	3.998 ug/l #	1
64) Tetrachloroethene	8.13	164	72	4.661 ug/l #	1
66) 1,1,1,2-Tetrachloroethane	9.89	131	67	4.214 ug/l #	1
67) Ethyl Benzene	10.02	91	442	7.533 ug/l #	43
68) m/p-Xylenes	10.25	106	70	3.204 ug/l #	1
69) o-Xylene	10.65	106	63	2.581 ug/l #	1
70) Styrene	10.88	104	89	2.522 ug/l #	30
73) Isopropylbenzene	11.23	105	234	56.922 ug/l #	50
74) N-amyl acetate	11.47	43	589	621.840 ug/l #	47
75) 1,1,2,2-Tetrachloroethane	11.78	83	95	145.457 ug/l #	94
76) 1,2,3-Trichloropropane	11.85	75	169	364.710 ug/l #	100
78) n-propylbenzene	11.67	91	129	29.823 ug/l #	52
79) 2-Chlorotoluene	11.81	91	66	25.331 ug/l #	1
80) 1,3,5-Trimethylbenzene	11.77	105	87	25.069 ug/l	65
81) trans-1,4-Dichloro-2-buten	11.98	75	154	743.497 ug/l #	7
82) 4-Chlorotoluene	12.02	91	128	49.649 ug/l #	40
83) tert-Butylbenzene	12.23	119	286	80.302 ug/l #	68
84) 1,2,4-Trimethylbenzene	12.28	105	75	22.314 ug/l #	29
85) sec-Butylbenzene	12.37	105	160	36.069 ug/l #	56
86) p-Isopropyltoluene	12.49	119	66	16.595 ug/l #	50
89) n-Butylbenzene	12.87	91	297	82.188 ug/l #	28
90) Hexachloroethane	12.97	117	224	224.690 ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.71	75	158	1199.185 ug/l #	31
93) 1,2,4-Trichlorobenzene	14.34	180	61	39.786 ug/l #	11
95) Naphthalene	14.48	128	82	34.522 ug/l #	7

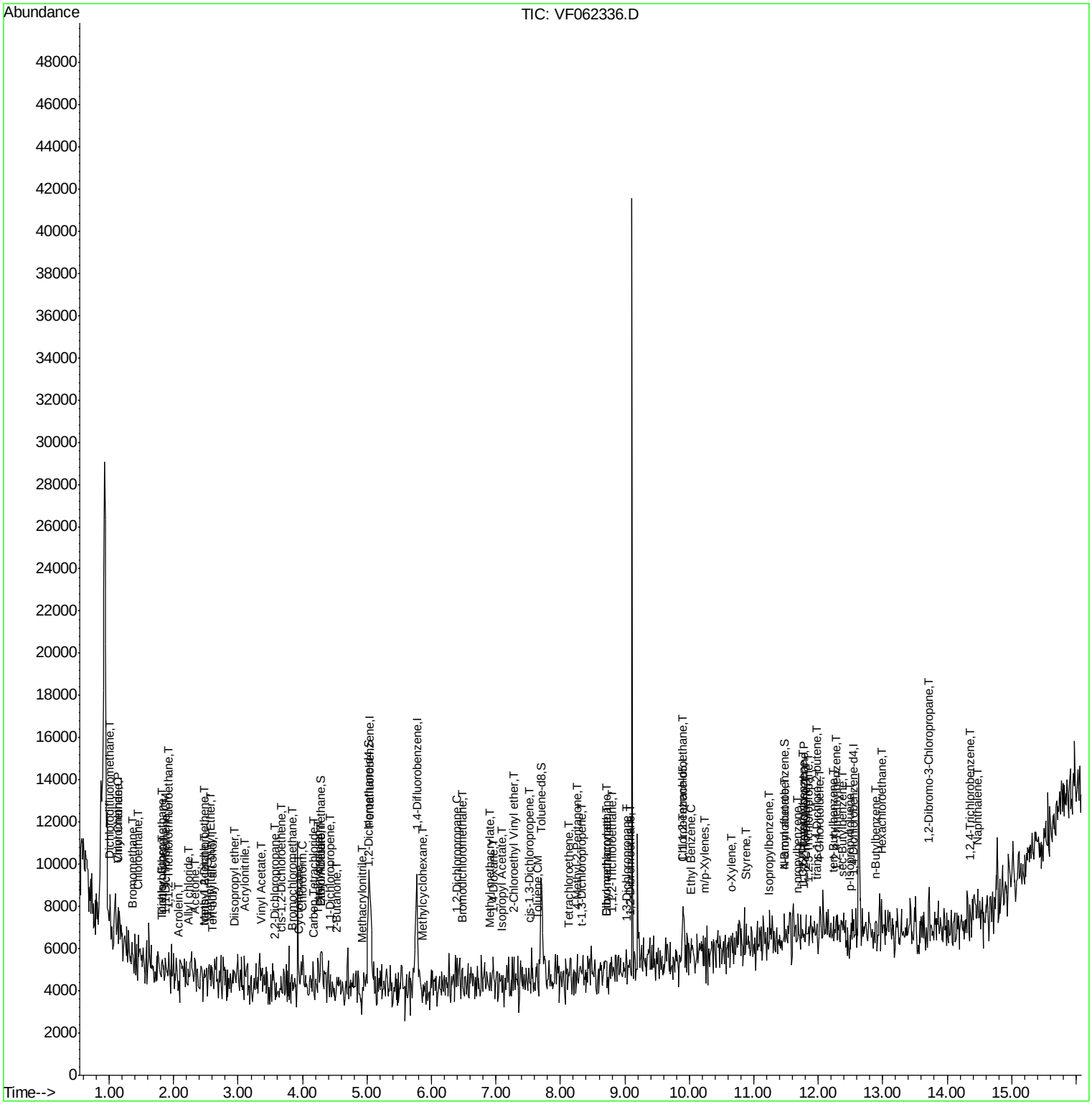
(#) = qualifier out of range (m) = manual integration (+) = signals summed

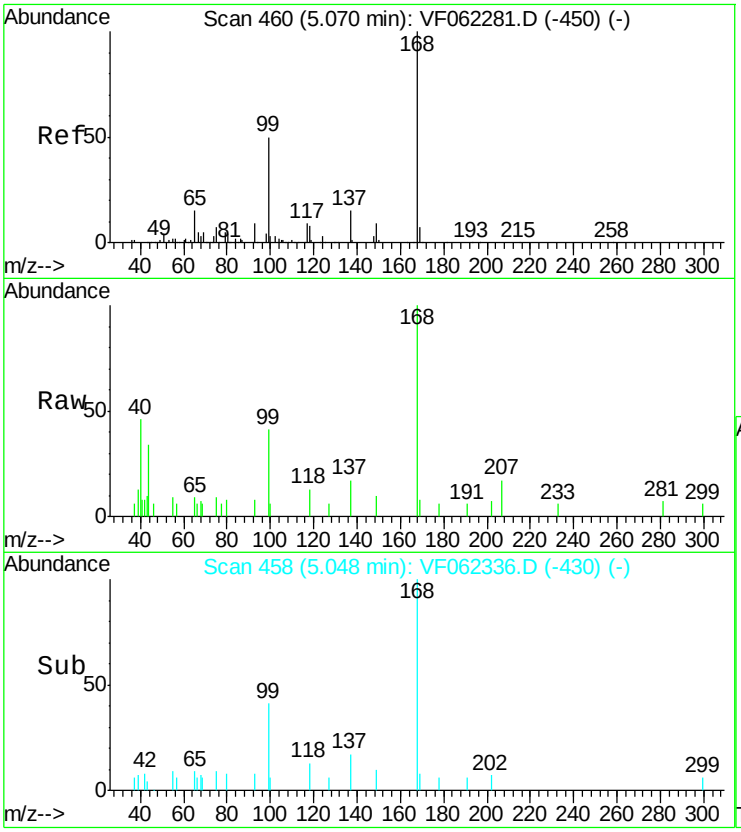
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF043019\
Data File : VF062336.D
Acq On : 30 Apr 2019 16:27
Operator : FY/SY
Sample : K2623-02
Misc : 4.40g/5mL/MSVOA_F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SP-1

Quant Time: May 01 02:53:44 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



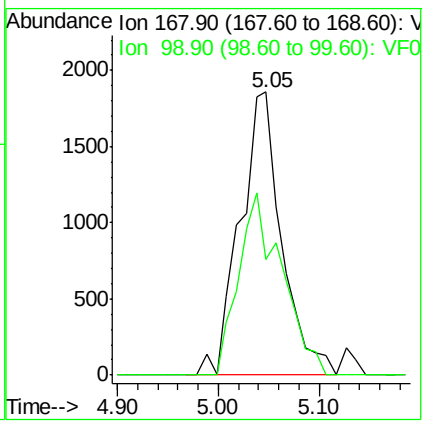


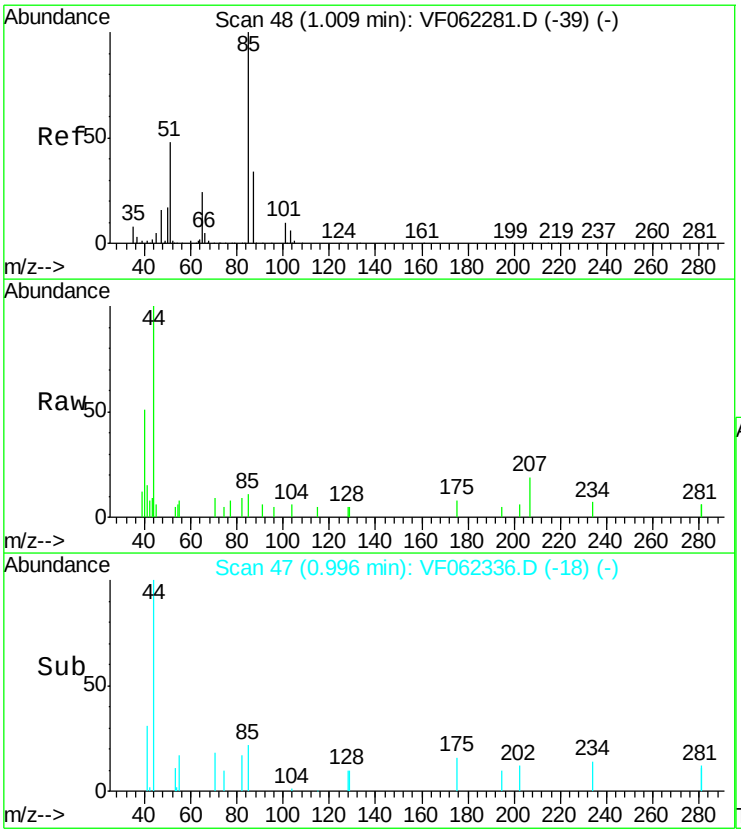
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion:168 Resp: 5333

Ion	Ratio	Lower	Upper
168	100		
99	41.1	40.0	60.0

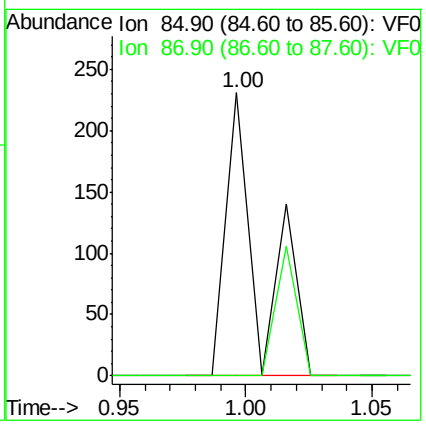


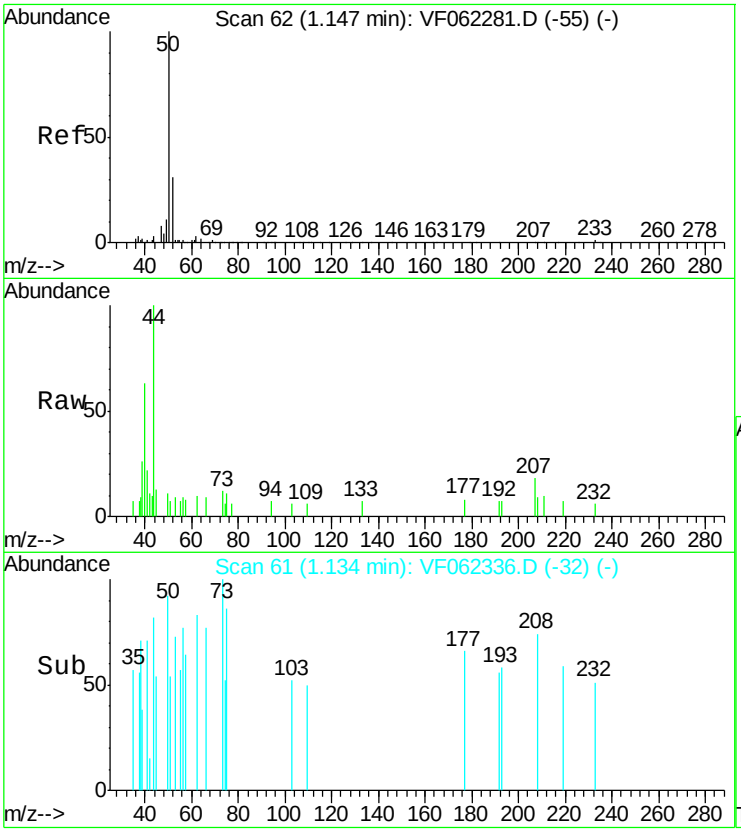


#2
Dichlorodifluoromethane
Concen: 3.456 ug/l
RT: 1.00 min Scan# 47
Delta R.T. -0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 85 Resp: 219

Ion	Ratio	Lower	Upper
85	100		
87	0.0	17.1	51.3#



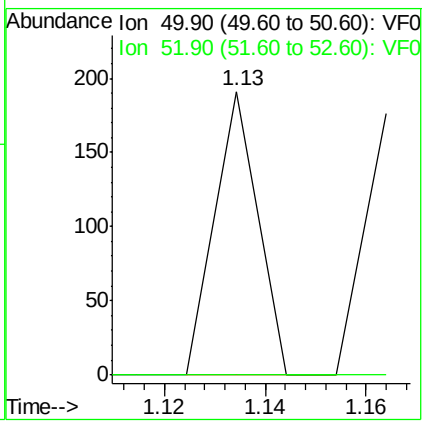


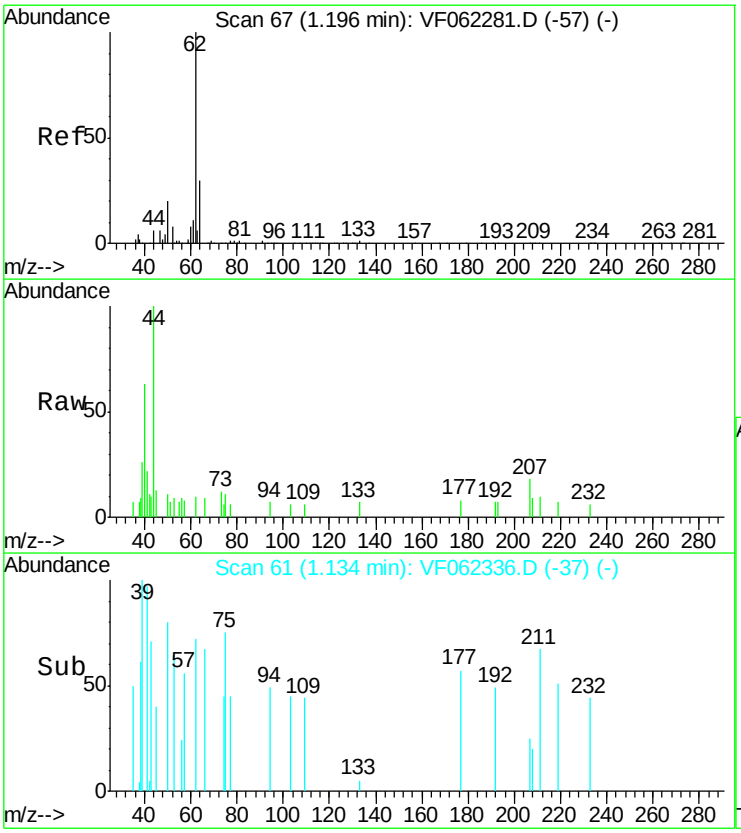
#3
Chloromethane
Concen: 2.116 ug/l
RT: 1.13 min Scan# 61
Delta R.T. -0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 50 Resp: 113

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.2	36.4#

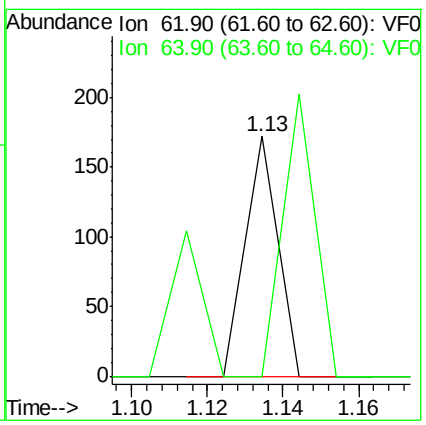


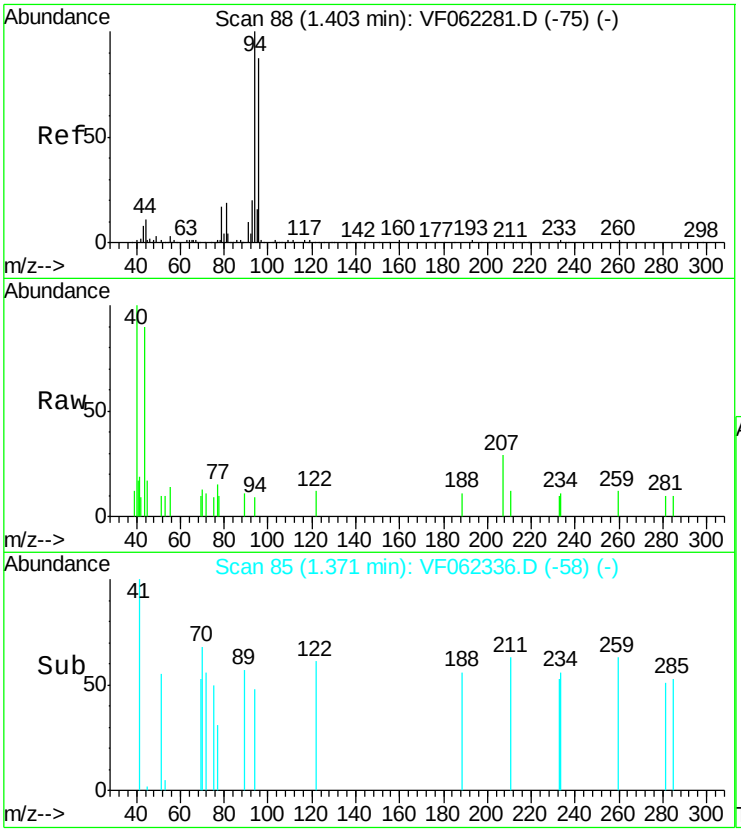


#4
Vinyl Chloride
Concen: 2.017 ug/l
RT: 1.13 min Scan# 61
Delta R.T. -0.06 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 62 Resp: 102

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.3	36.5#



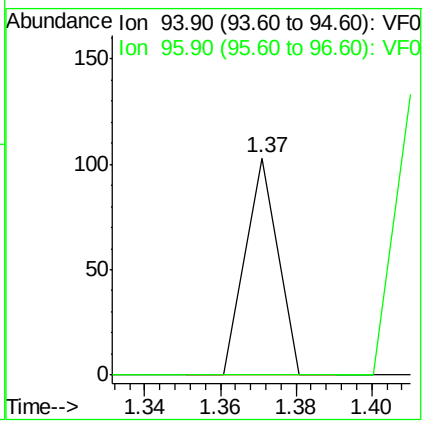


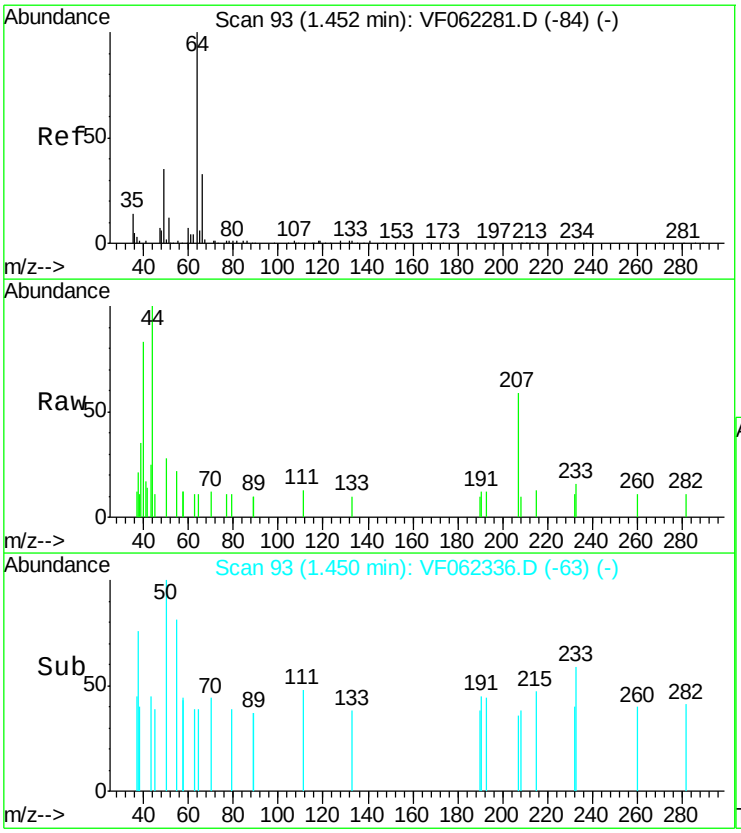
#5
Bromomethane
Concen: 1.776 ug/l
RT: 1.37 min Scan# 85
Delta R.T. -0.03 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 94 Resp: 61

Ion	Ratio	Lower	Upper
94	100		
96	0.0	69.5	104.3#

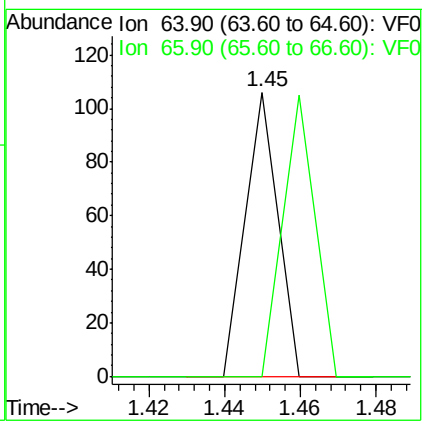


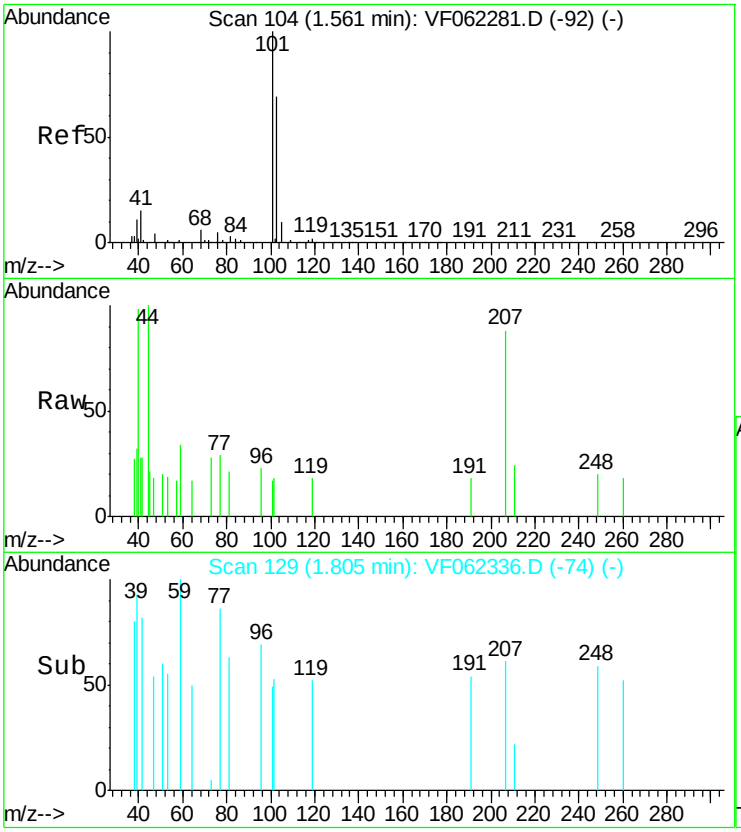


#6
Chloroethane
Concen: 2.842 ug/l
RT: 1.45 min Scan# 93
Delta R.T. -0.00 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 64 Resp: 63

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.0	39.0#



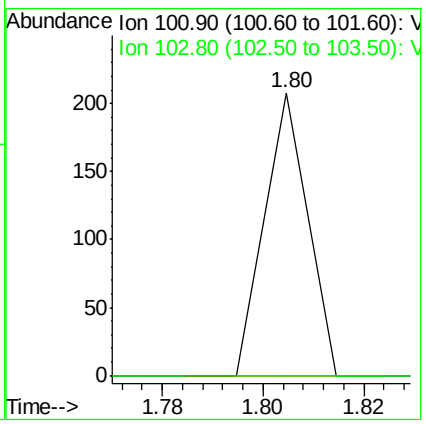


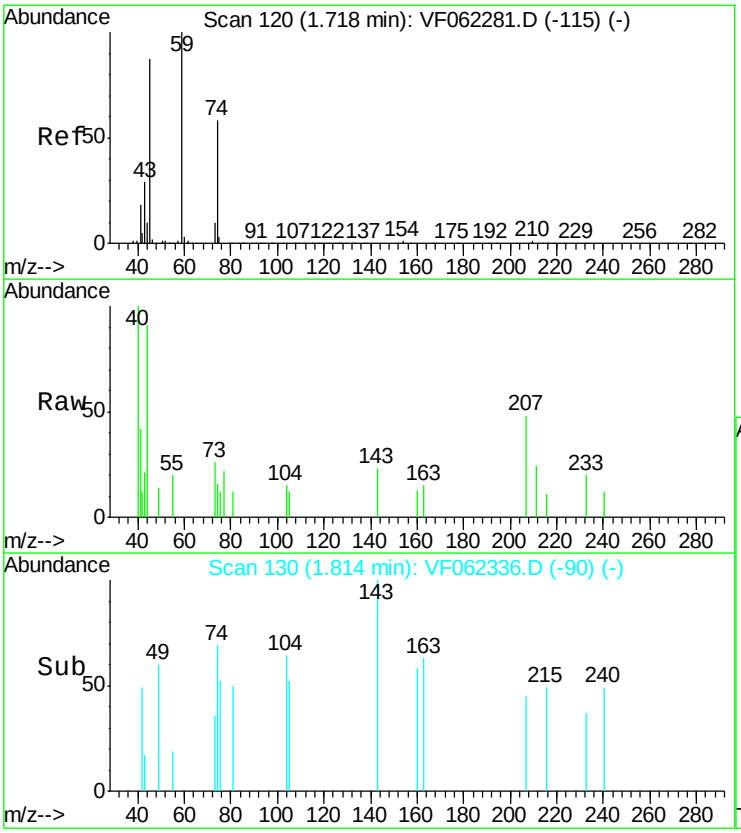
#7
Trichlorofluoromethane
Concen: 1.531 ug/l
RT: 1.80 min Scan# 129
Delta R.T. 0.24 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion:101 Resp: 123

Ion	Ratio	Lower	Upper
101	100		
103	0.0	55.0	82.6#

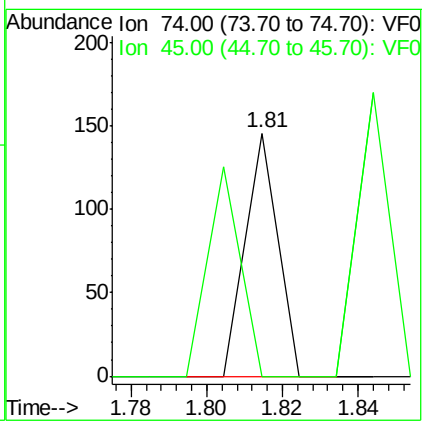


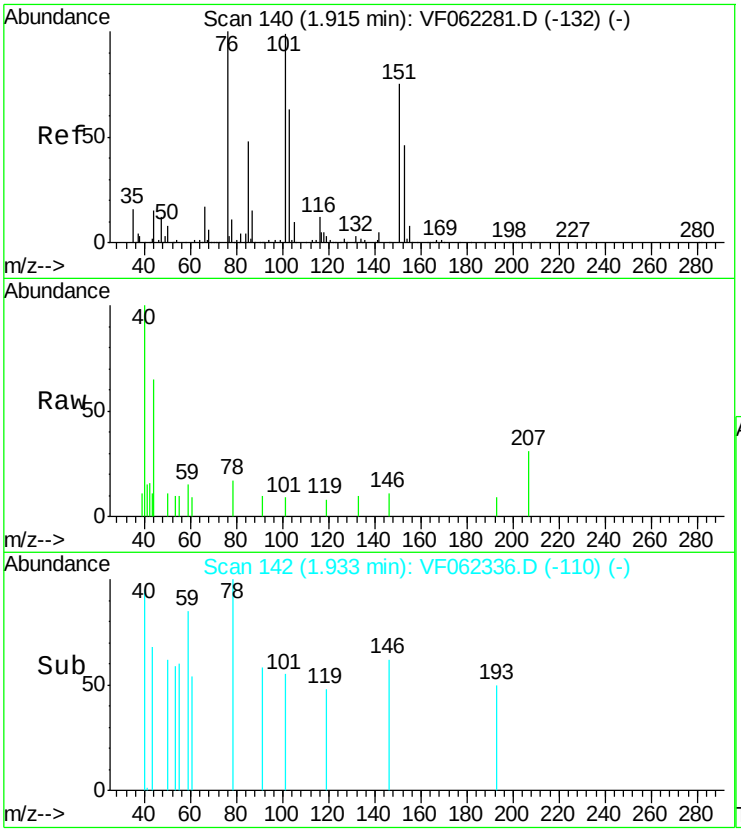


#8
Diethyl Ether
Concen: 5.908 ug/l
RT: 1.81 min Scan# 130
Delta R.T. 0.10 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 74 Resp: 86

Ion	Ratio	Lower	Upper
74	100		
45	87.2	74.0	222.0



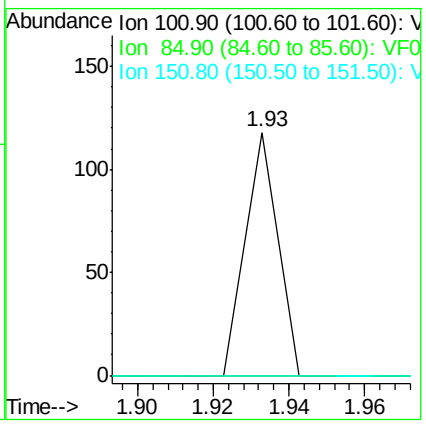


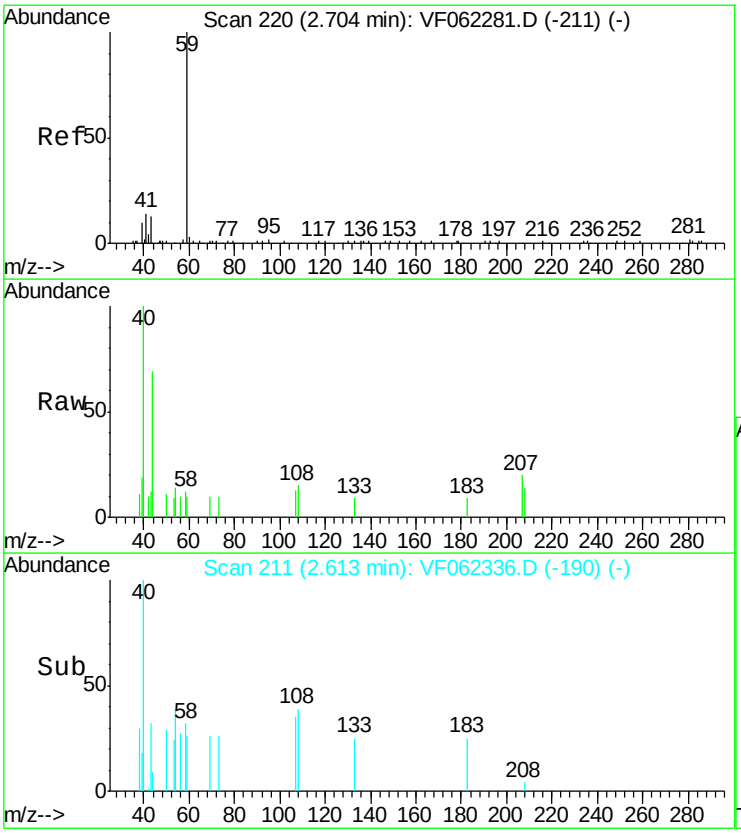
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.388 ug/l
RT: 1.93 min Scan# 142
Delta R.T. 0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion:101 Resp: 70

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.5	54.7#
151	0.0	59.2	88.8#

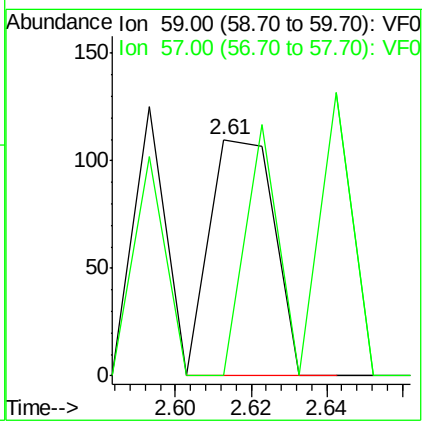


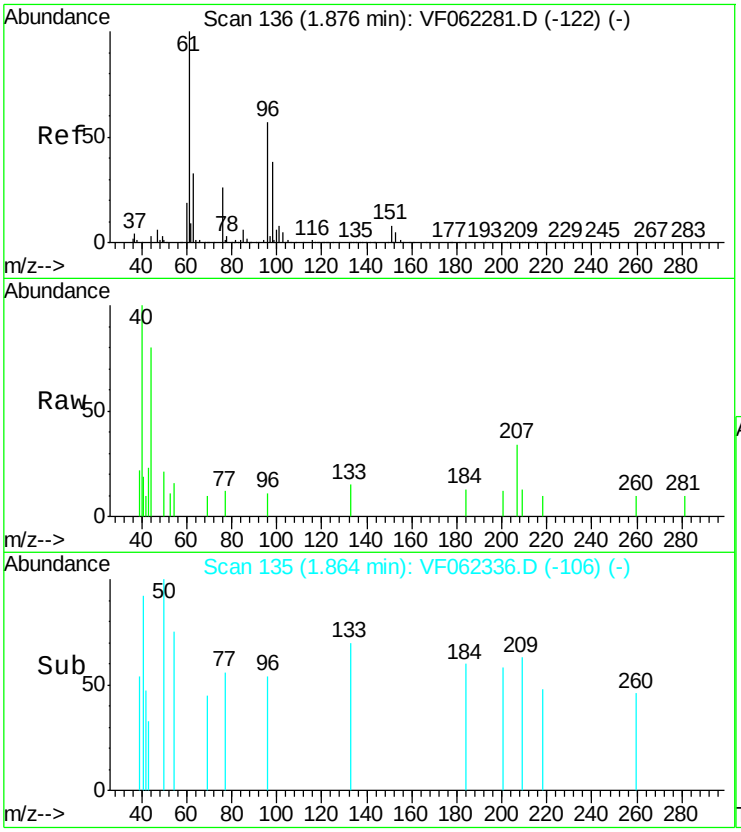


#11
Tert butyl alcohol
Concen: 48.984 ug/l
RT: 2.61 min Scan# 211
Delta R.T. -0.09 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 59 Resp: 128

Ion	Ratio	Lower	Upper
59	100		
57	53.9	8.8	13.2#



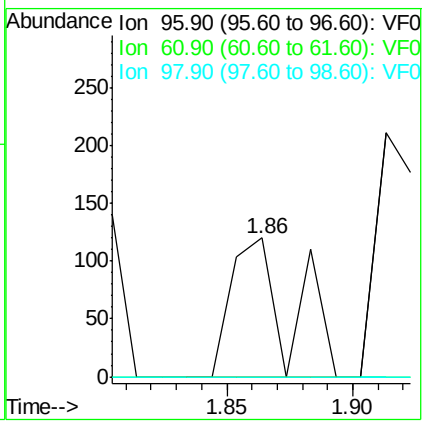


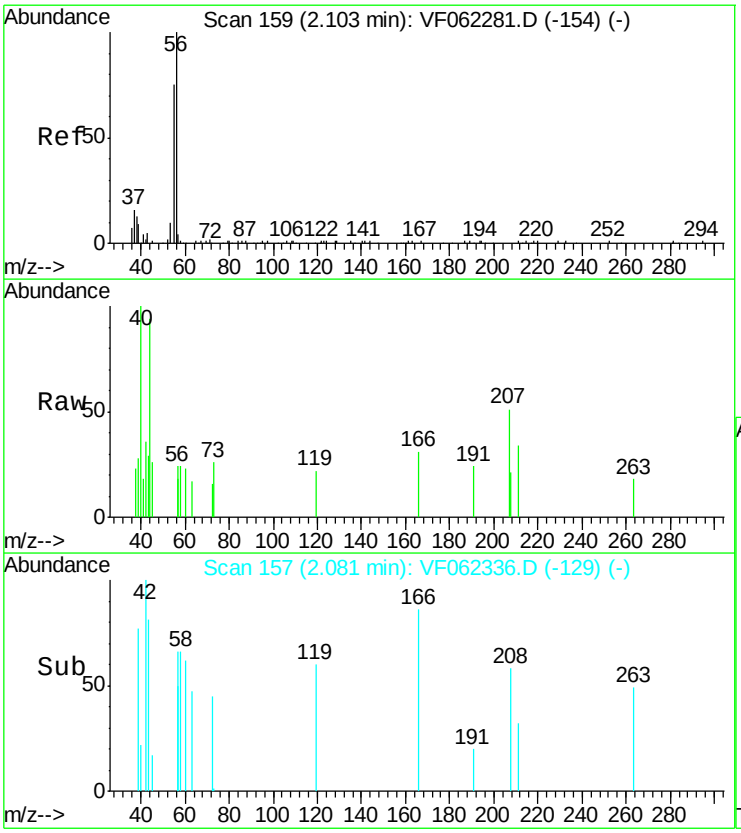
#12
1,1-Dichloroethene
Concen: 4.401 ug/l
RT: 1.86 min Scan# 135
Delta R.T. -0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 96 Resp: 198

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

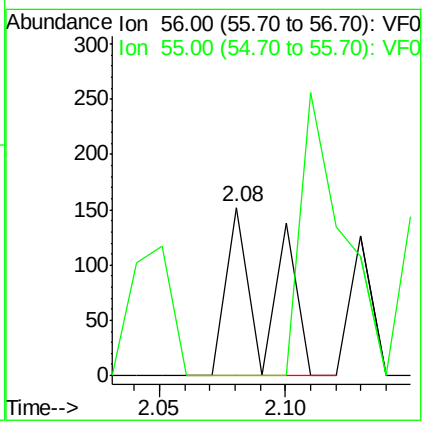


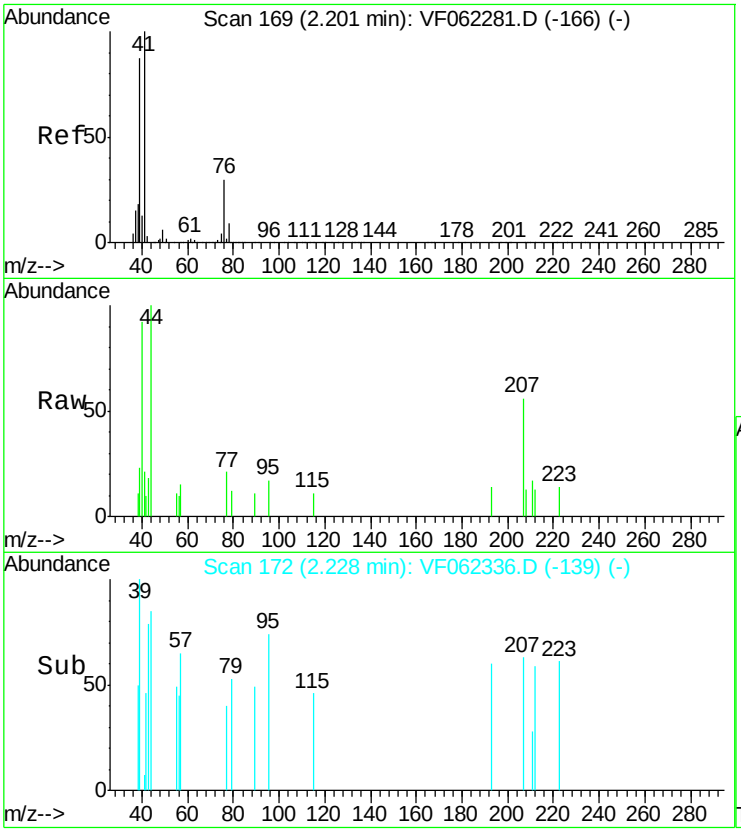


#13
Acrolein
Concen: 76.140 ug/l
RT: 2.08 min Scan# 157
Delta R.T. -0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 56 Resp: 172

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.3	93.5#



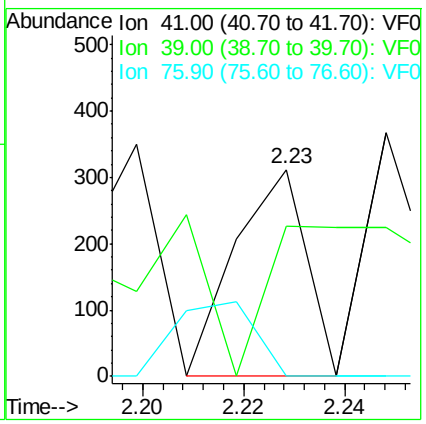


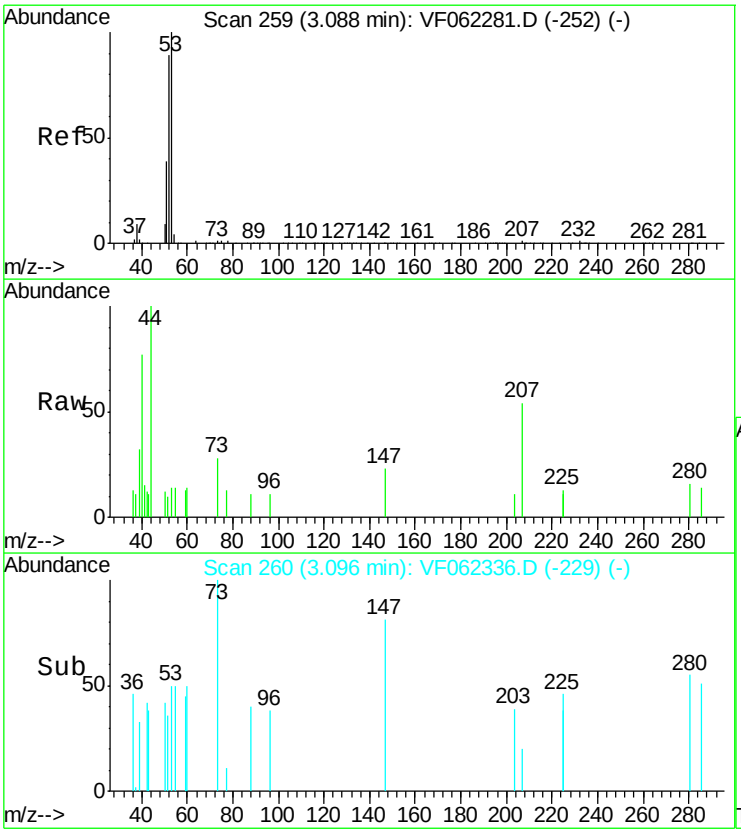
#14
Allyl chloride
Concen: 6.270 ug/l
RT: 2.23 min Scan# 172
Delta R.T. 0.03 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion: 41 Resp: 307

Ion	Ratio	Lower	Upper
41	100		
39	164.8	50.3	75.5#
76	40.7	14.8	22.2#

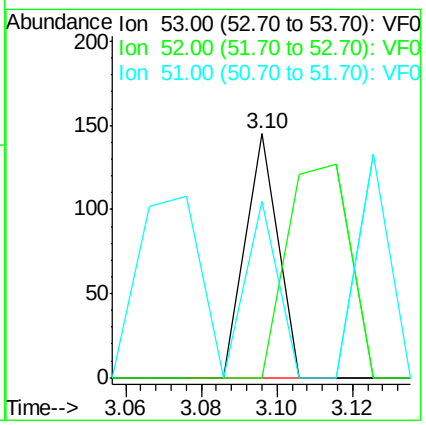


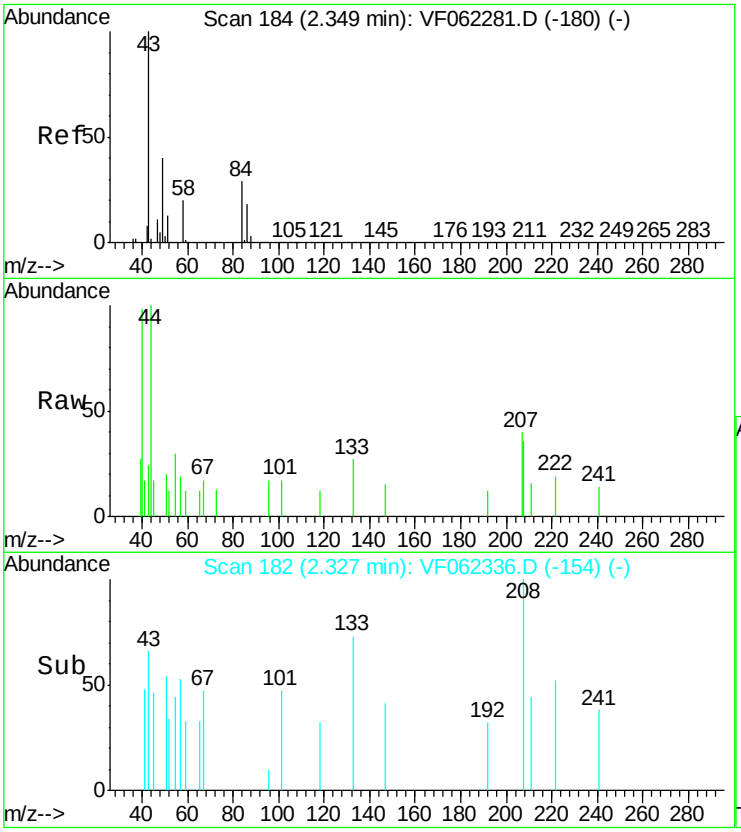


#15
Acrylonitrile
Concen: 11.883 ug/l
RT: 3.10 min Scan# 260
Delta R.T. 0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 53 Resp: 86

Ion	Ratio	Lower	Upper
53	100		
52	0.0	70.6	105.8#
51	216.3	32.6	48.8#



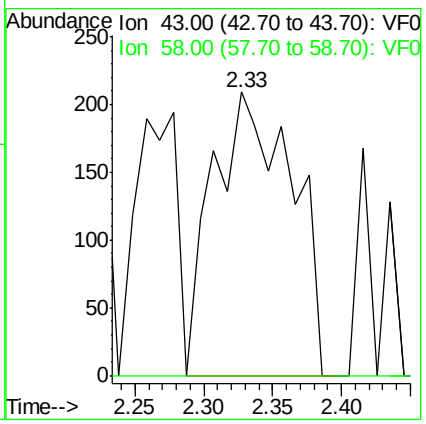


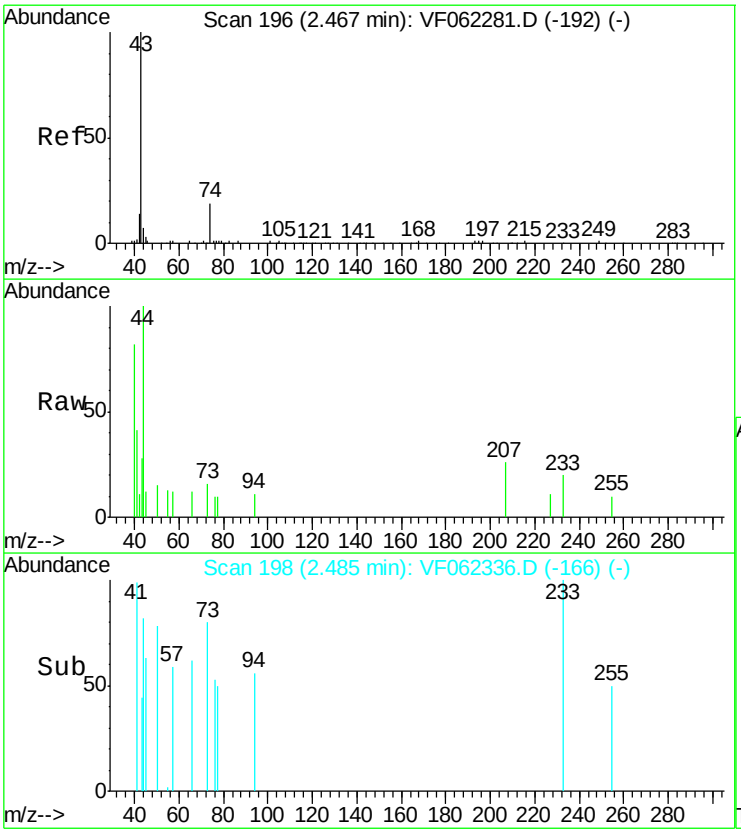
#16
Acetone
Concen: 86.850 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 43 Resp: 840

Ion	Ratio	Lower	Upper
43	100		
58	0.0	16.4	24.6#

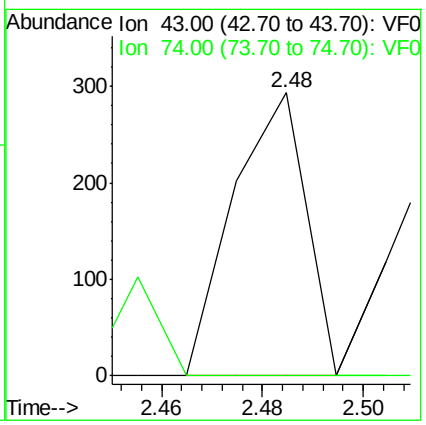


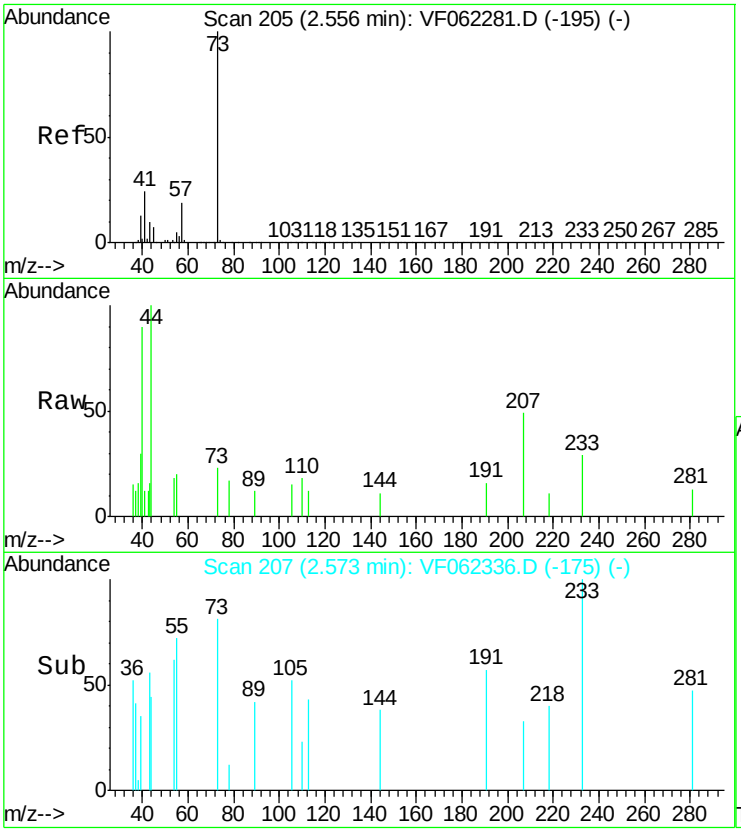


#18
Methyl Acetate
Concen: 14.145 ug/l
RT: 2.48 min Scan# 198
Delta R.T. 0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 43 Resp: 293

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.4	21.6#



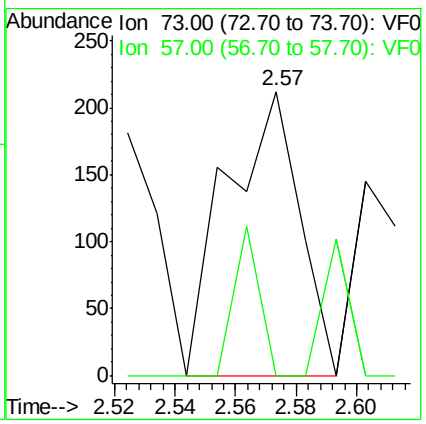


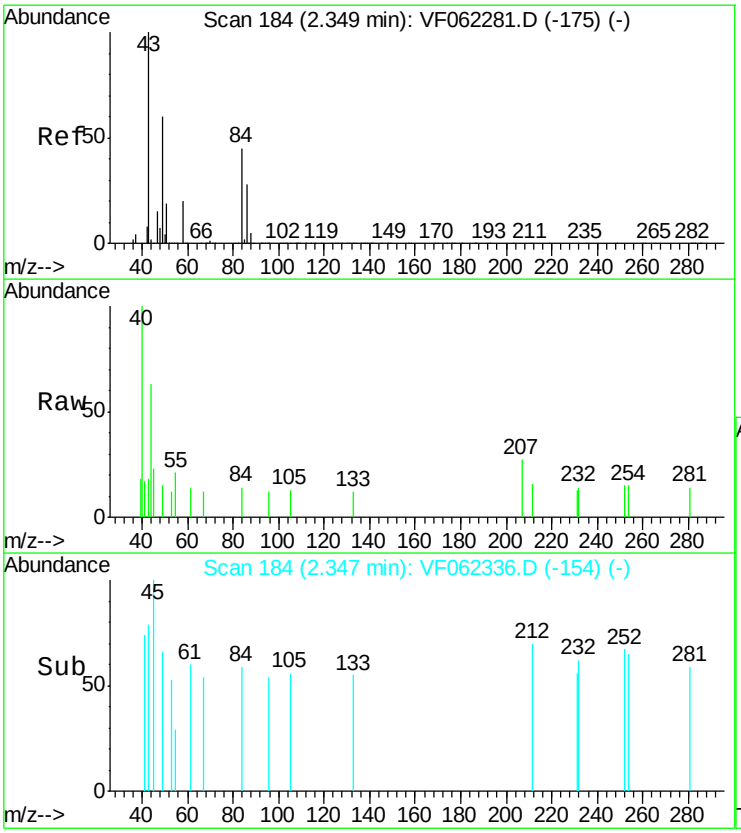
#19
Methyl tert-butyl Ether
Concen: 4.174 ug/l
RT: 2.57 min Scan# 207
Delta R.T. 0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion: 73 Resp: 358

Ion	Ratio	Lower	Upper
73	100		
57	0.0	15.5	23.3#

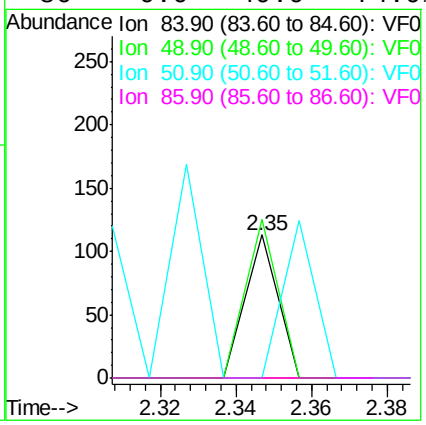


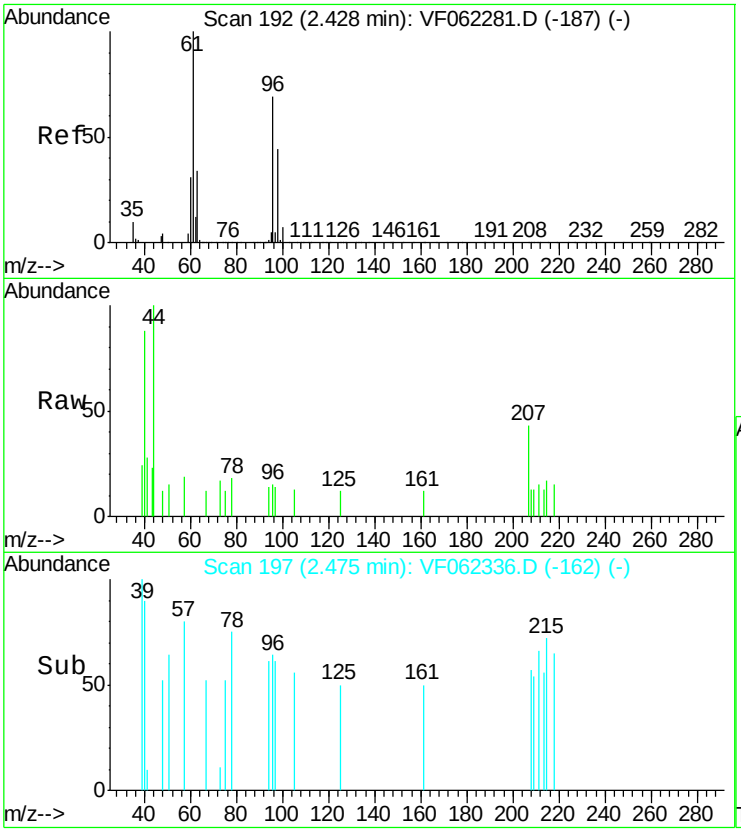


#20
Methylene Chloride
Concen: Below Cal
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 84 Resp: 67

Ion	Ratio	Lower	Upper
84	100		
49	110.6	112.1	168.1#
51	0.0	35.9	53.9#
86	0.0	49.9	74.9#



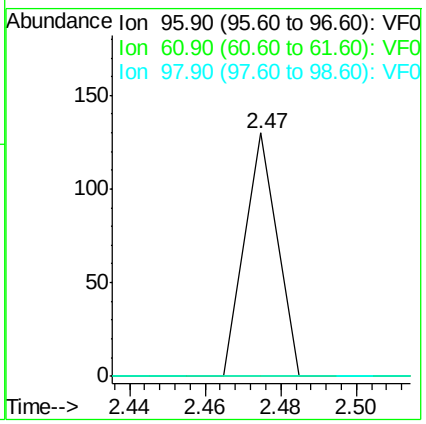


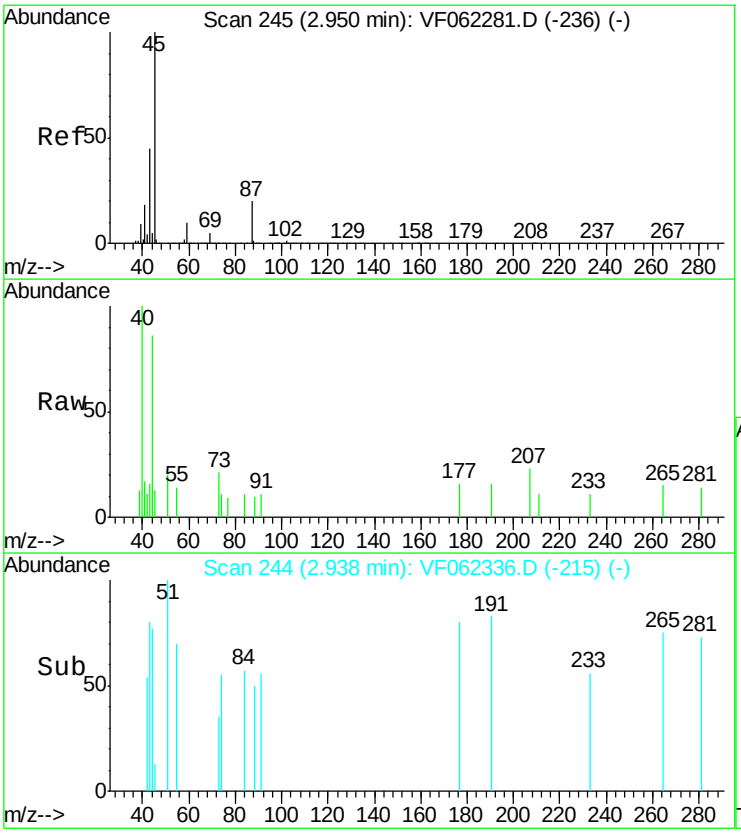
#21
trans-1,2-Dichloroethene
Concen: 1.732 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.05 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 96 Resp: 77

Ion	Ratio	Lower	Upper
96	100		
61	0.0	116.2	174.2#
98	0.0	51.4	77.0#

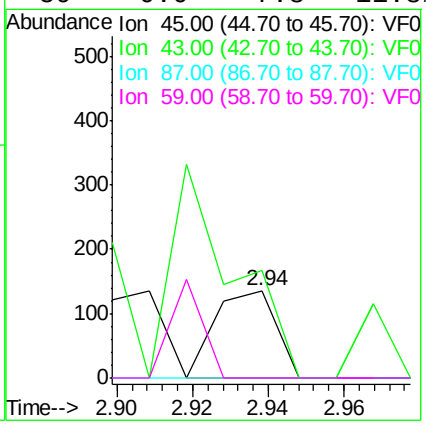


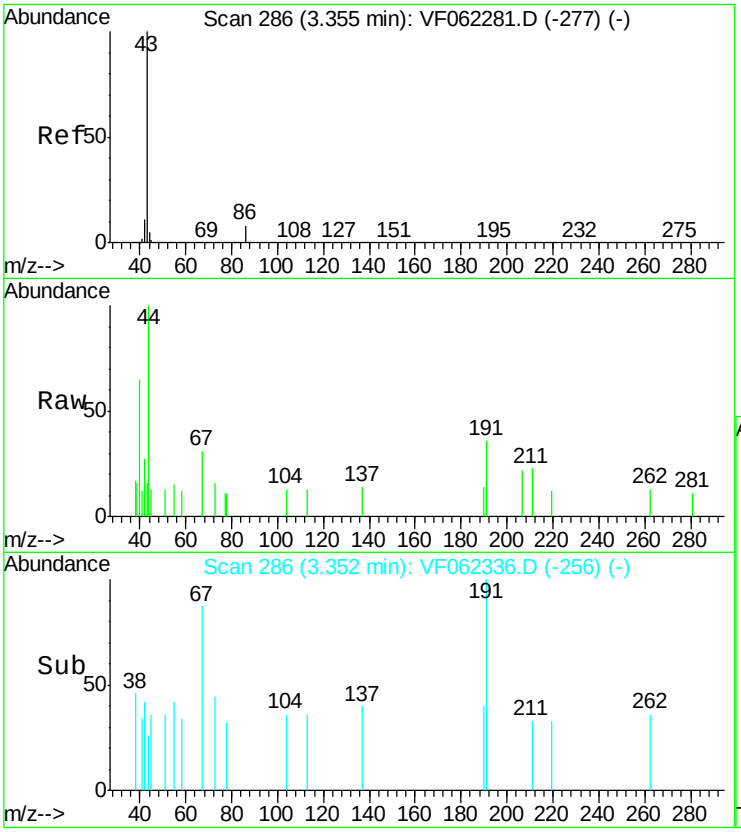


#22
Diisopropyl ether
Concen: 1.146 ug/l
RT: 2.94 min Scan# 244
Delta R.T. -0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 45 Resp: 151

Ion	Ratio	Lower	Upper
45	100		
43	122.8	36.2	54.2#
87	0.0	15.8	23.6#
59	0.0	7.8	11.8#



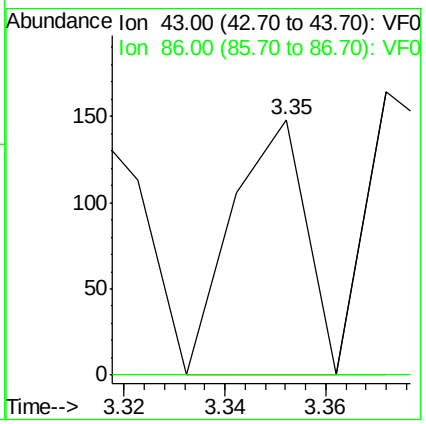


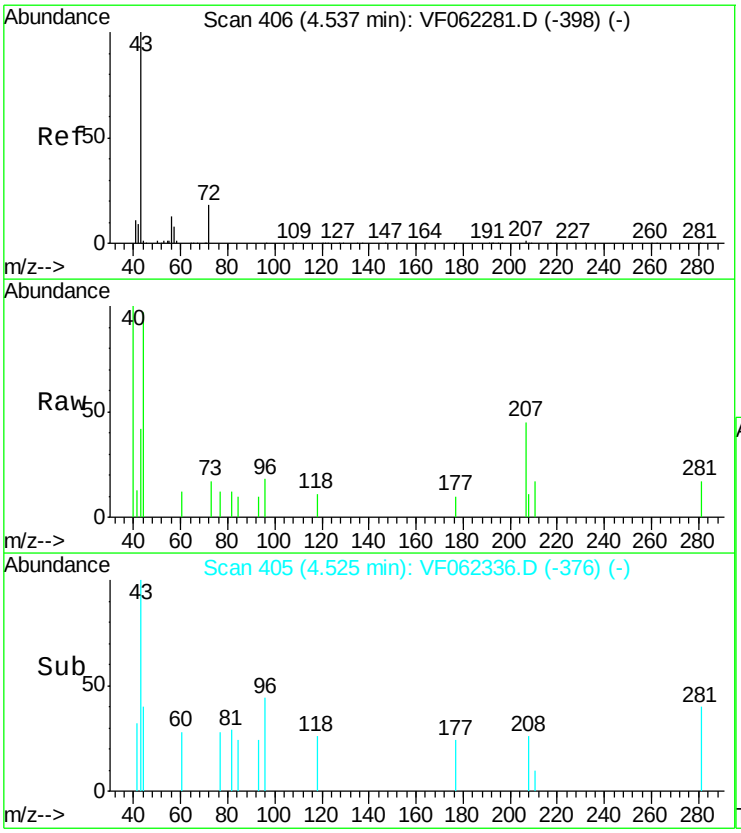
#23
Vinyl Acetate
Concen: 2.566 ug/l
RT: 3.35 min Scan# 286
Delta R.T. -0.00 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 43 Resp: 150

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.0	9.0#

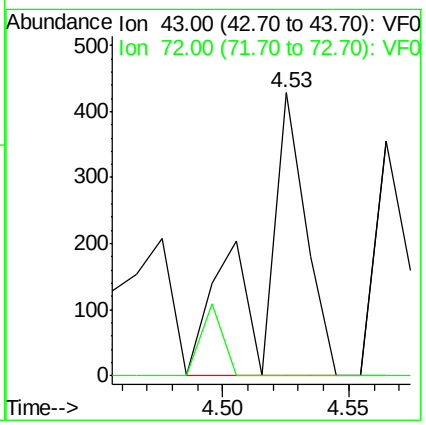


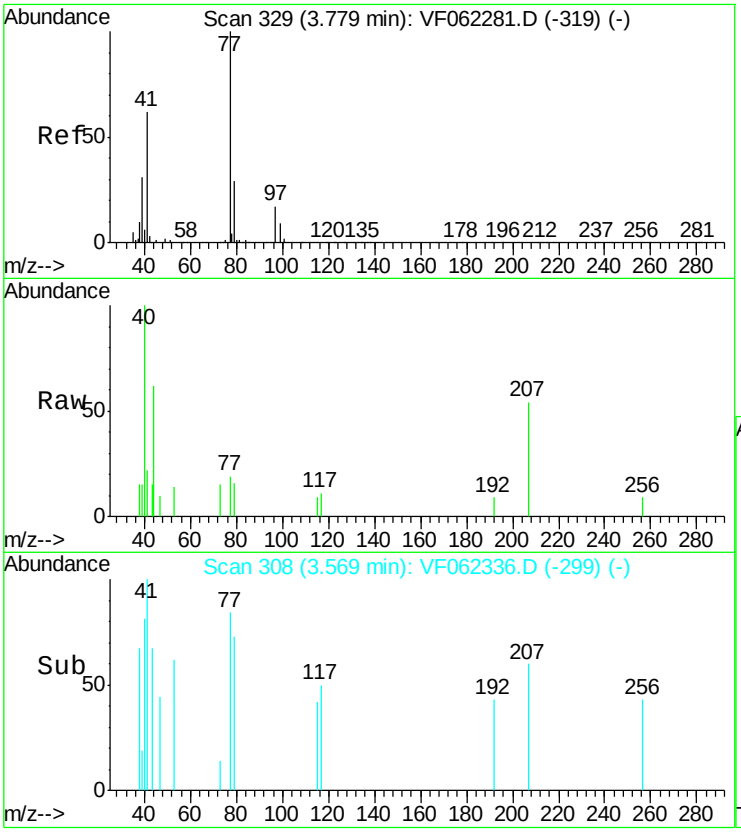


#25
2-Butanone
Concen: 36.711 ug/l
RT: 4.53 min Scan# 405
Delta R.T. -0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 43 Resp: 563

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.8	23.6#



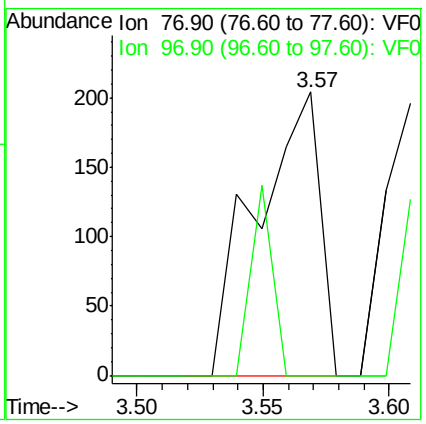


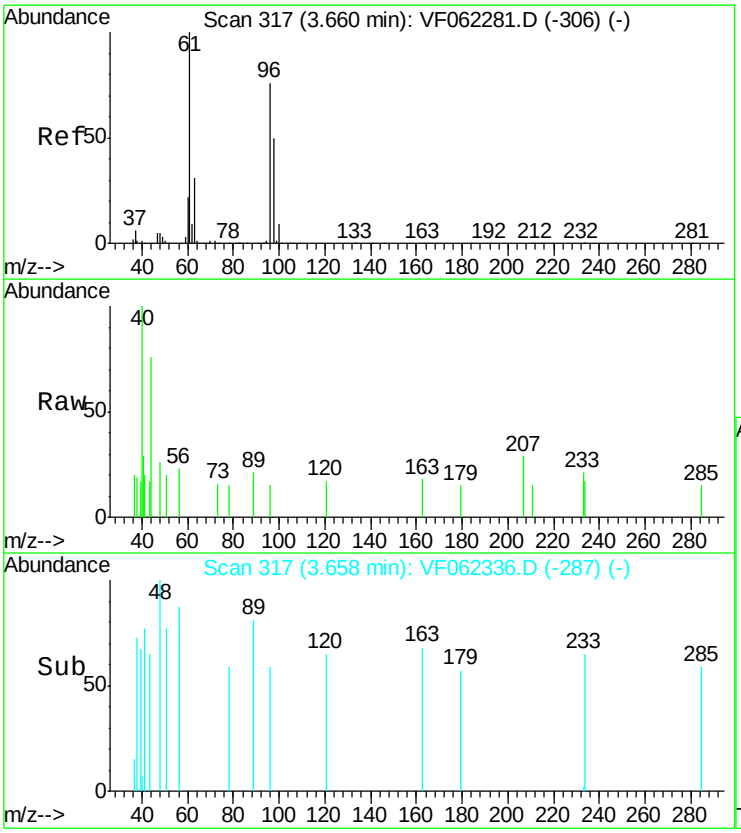
#26
2,2-Dichloropropane
Concen: 9.163 ug/l
RT: 3.57 min Scan# 308
Delta R.T. -0.21 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 77 Resp: 358

Ion	Ratio	Lower	Upper
77	100		
97	22.6	10.3	30.8

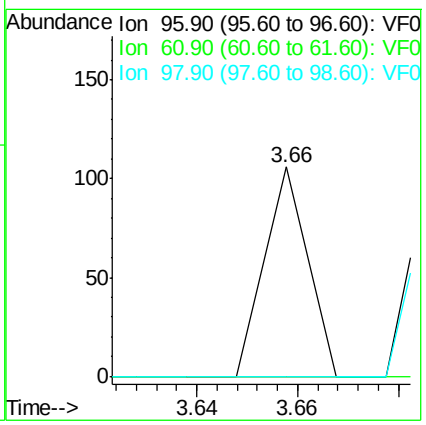


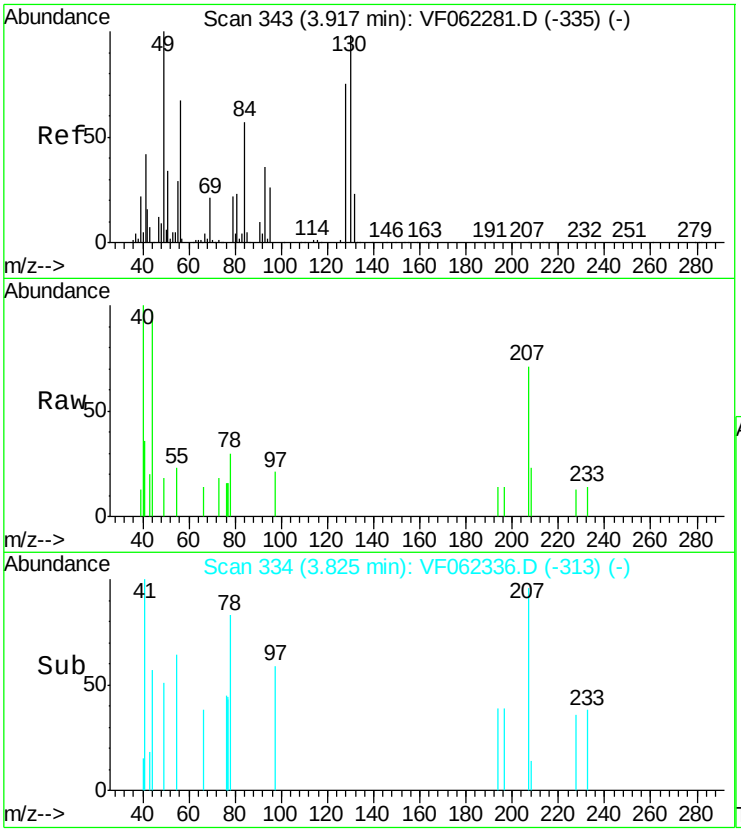


#27
cis-1,2-Dichloroethene
Concen: 1.119 ug/l
RT: 3.66 min Scan# 317
Delta R.T. -0.00 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 96 Resp: 63

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



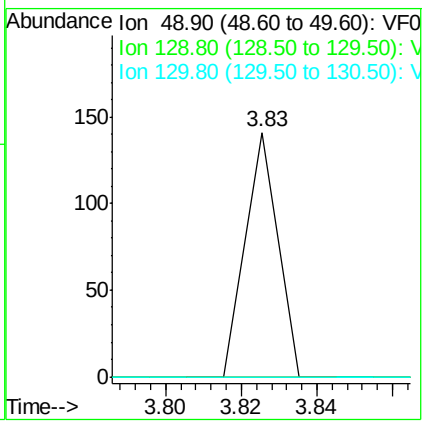


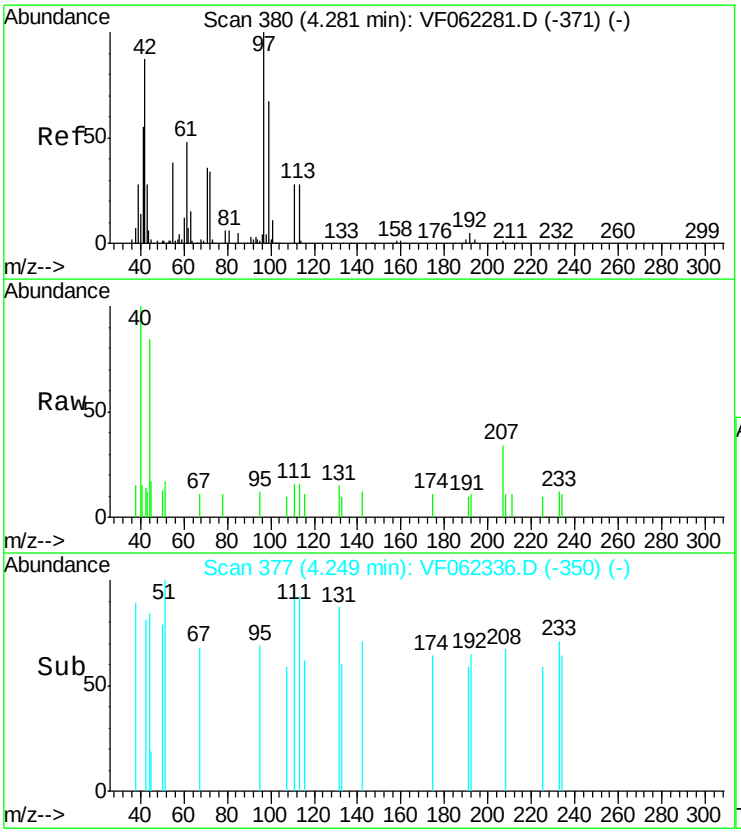
#28
Bromochloromethane
Concen: 2.618 ug/l
RT: 3.83 min Scan# 334
Delta R.T. -0.09 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion: 49 Resp: 83

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	0.0	77.0	115.4#

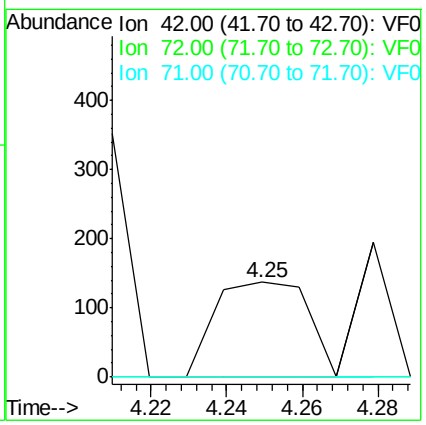


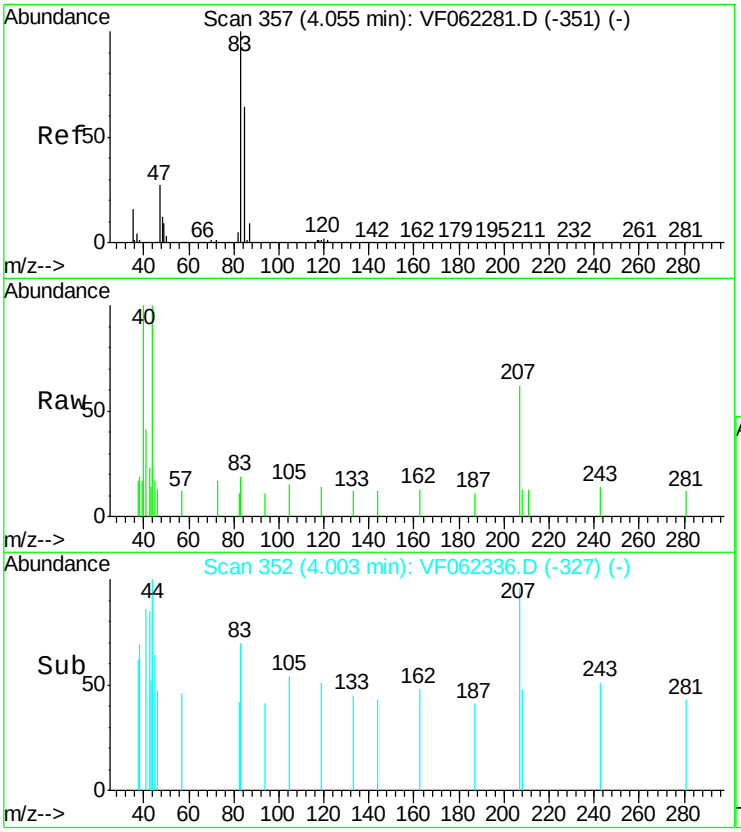


#29
Tetrahydrofuran
Concen: 34.577 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.03 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 42 Resp: 233

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



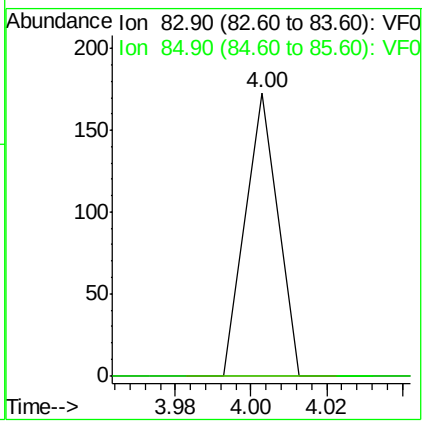


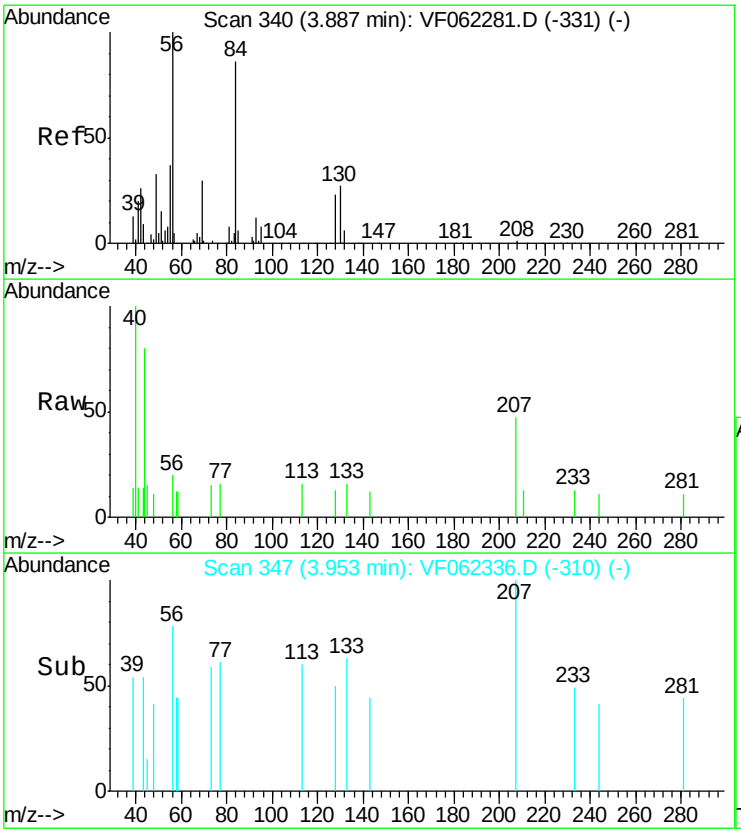
#30
Chloroform
Concen: 1.080 ug/l
RT: 4.00 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion: 83 Resp: 102

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.1	76.7#

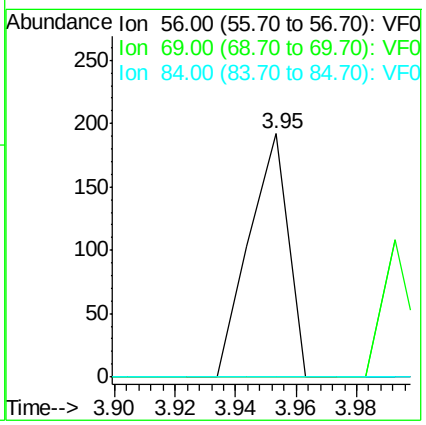


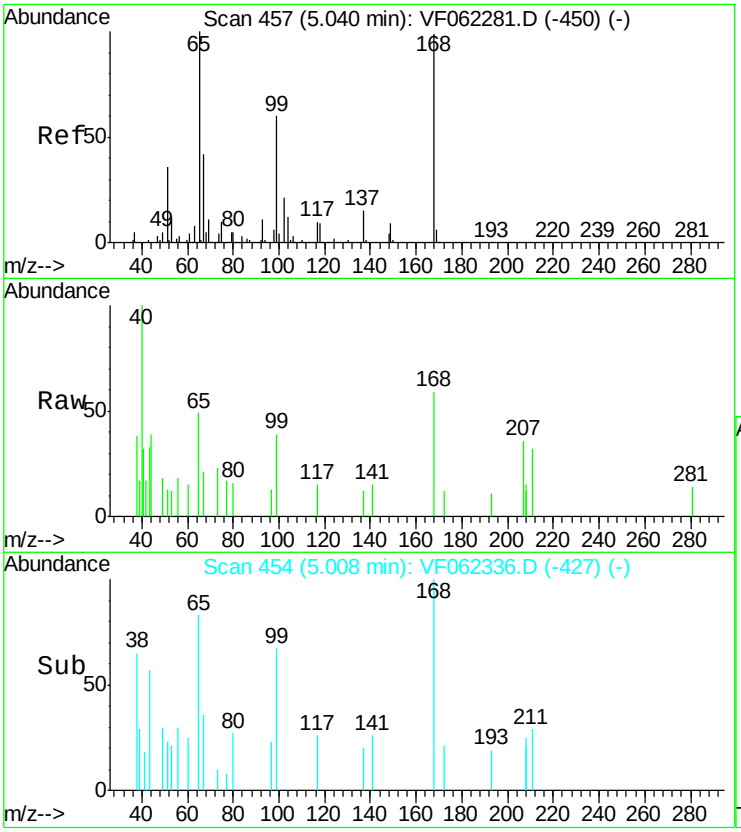


#31
Cyclohexane
Concen: 2.444 ug/l
RT: 3.95 min Scan# 347
Delta R.T. 0.07 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 56 Resp: 175

Ion	Ratio	Lower	Upper
56	100		
69	0.0	24.3	36.5#
84	0.0	68.5	102.7#



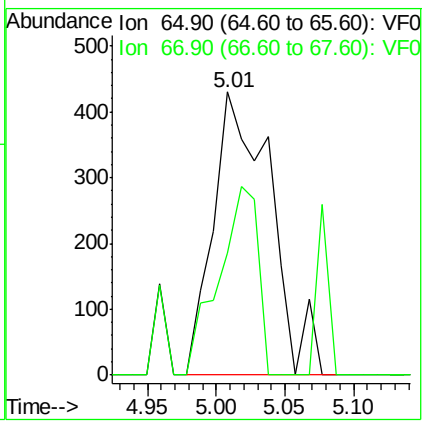


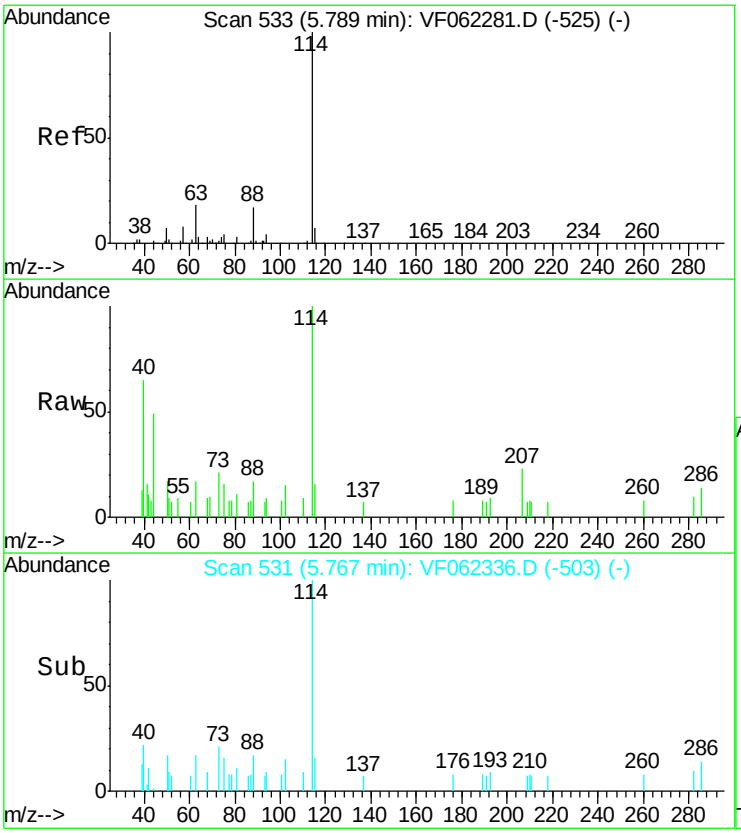
#33
1,2-Dichloroethane-d4
Concen: 28.821 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.03 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 65 Resp: 1245

Ion	Ratio	Lower	Upper
65	100		
67	45.8	0.0	98.8

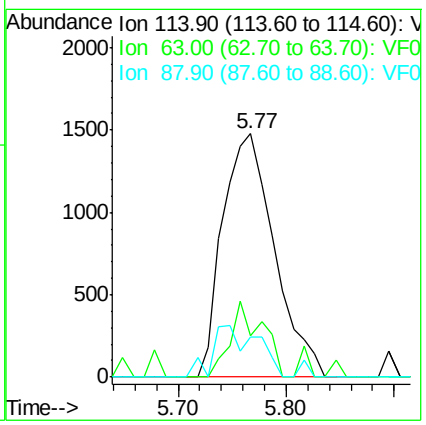


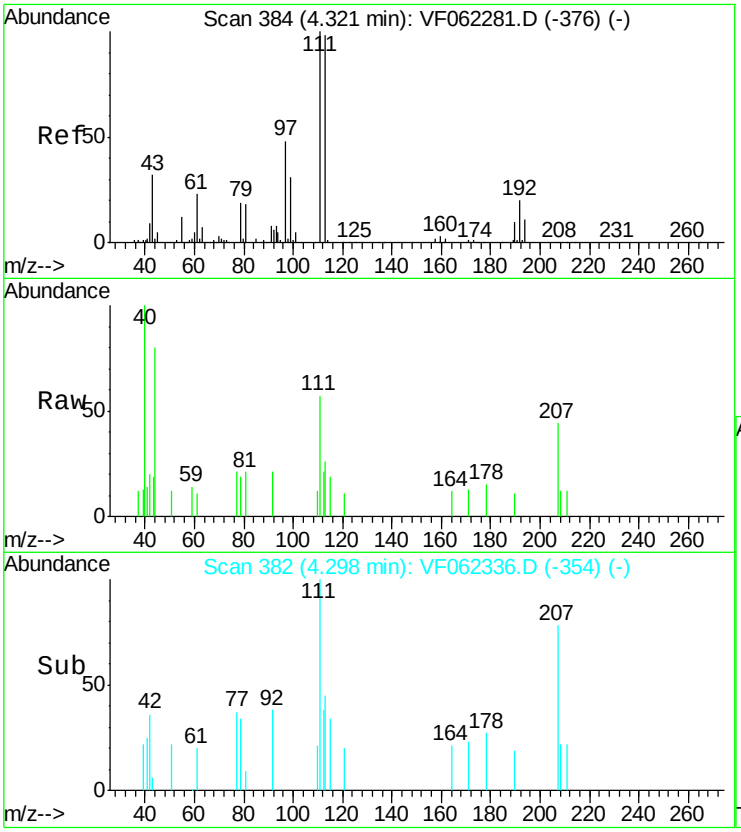


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion:114 Resp: 4910

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	35.6
88	16.6	0.0	34.6



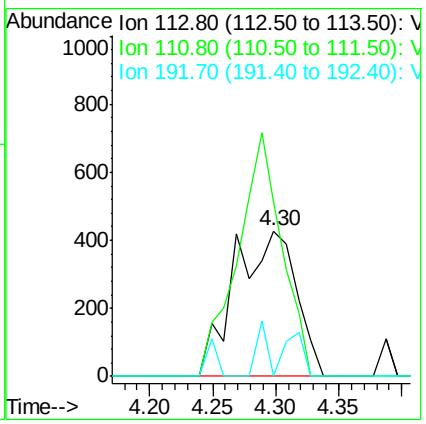


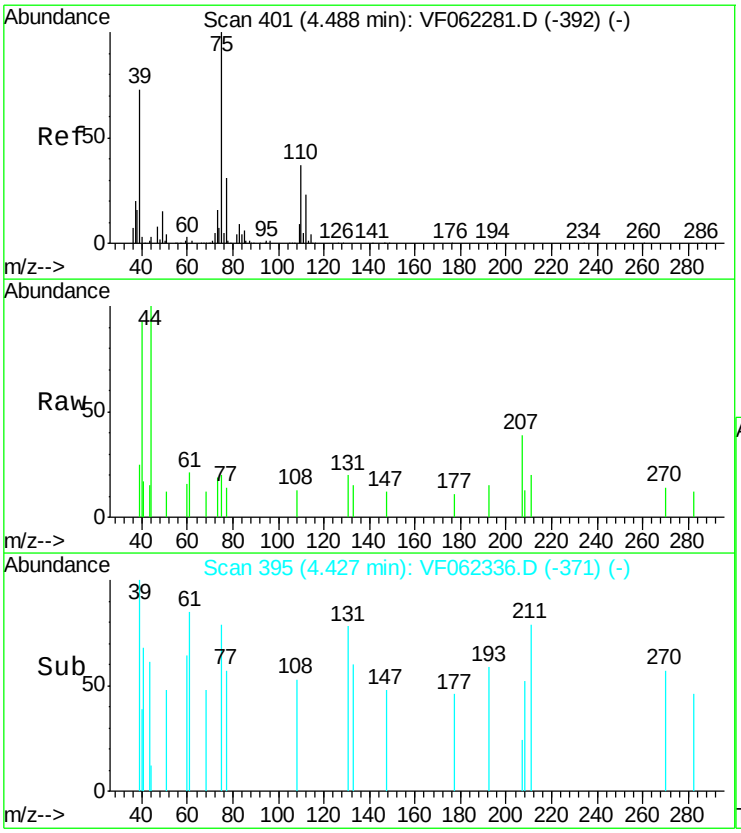
#35
Dibromofluoromethane
Concen: 39.884 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion:113 Resp: 1452

Ion	Ratio	Lower	Upper
113	100		
111	119.8	81.4	122.2
192	6.7	17.0	25.4#

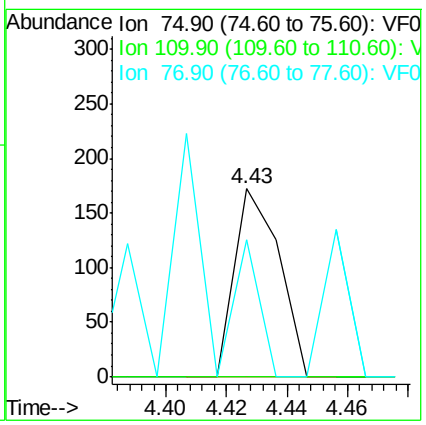


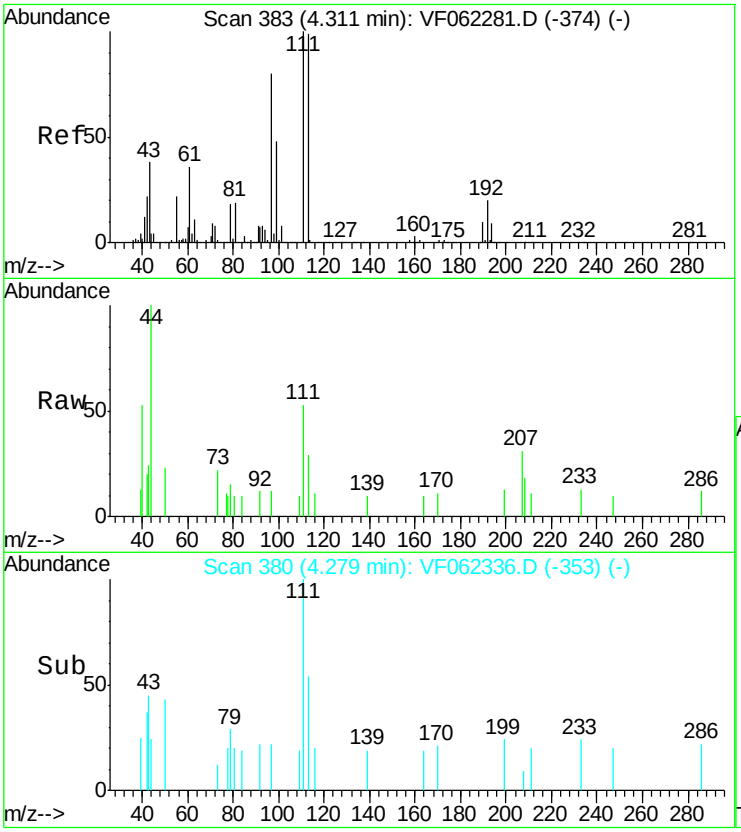


#36
1,1-Dichloropropene
Concen: 3.885 ug/l
RT: 4.43 min Scan# 395
Delta R.T. -0.06 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 75 Resp: 176

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.9	53.8#
77	158.0	24.6	36.8#



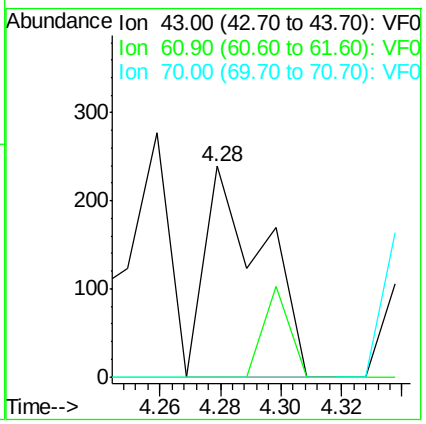


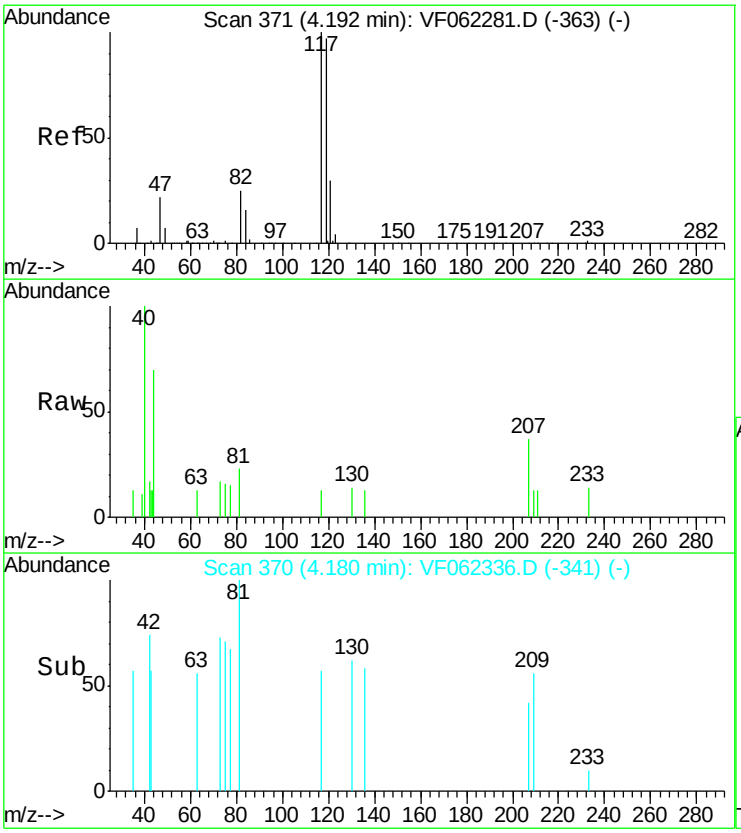
#37
Ethyl Acetate
Concen: 16.529 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.03 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion: 43 Resp: 315

Ion	Ratio	Lower	Upper
43	100		
61	19.0	85.8	128.6#
70	0.0	7.3	10.9#

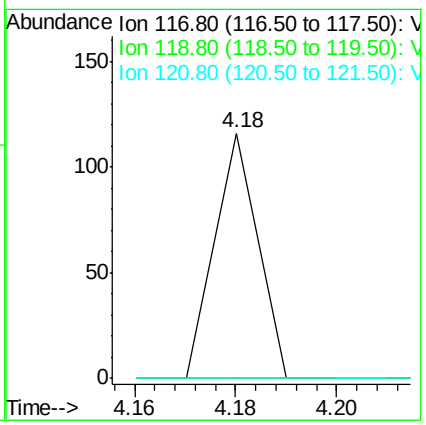


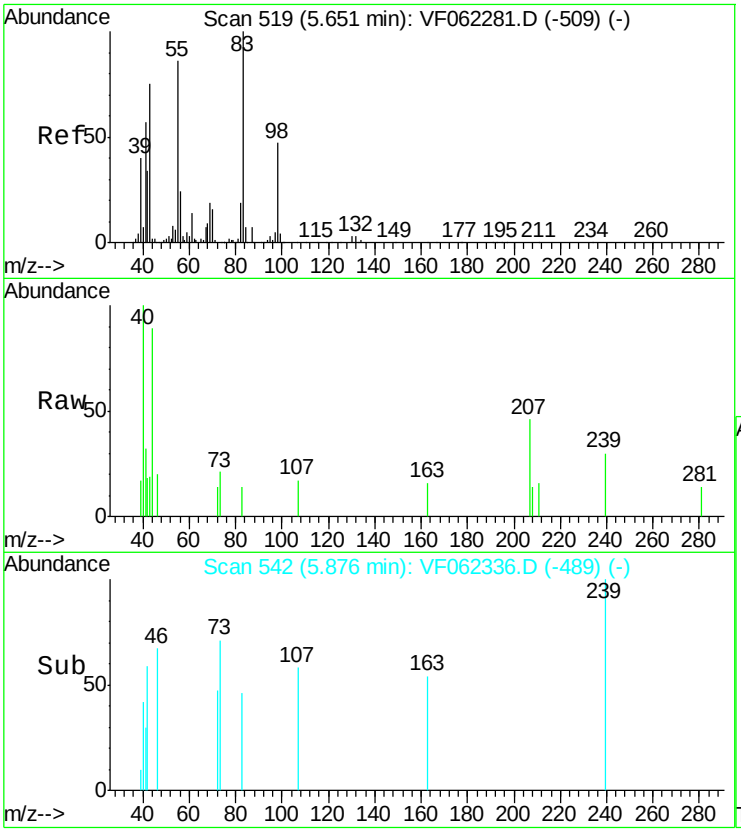


#38
Carbon Tetrachloride
Concen: 1.498 ug/l
RT: 4.18 min Scan# 370
Delta R.T. -0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion:117 Resp: 69

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.3	115.9#
121	0.0	24.3	36.5#



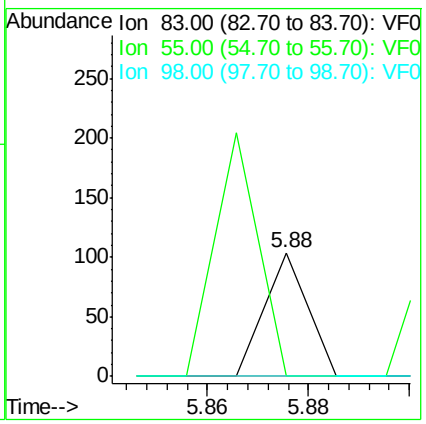


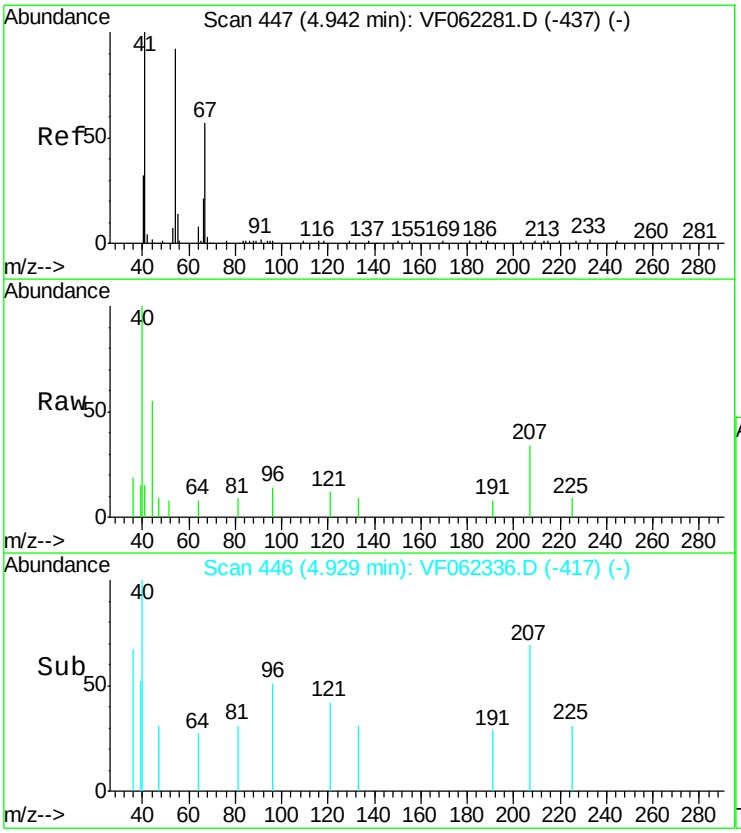
#39
Methylcyclohexane
Concen: 1.154 ug/l
RT: 5.88 min Scan# 542
Delta R.T. 0.22 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 83 Resp: 61

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.7	103.1#
98	0.0	37.4	56.2#

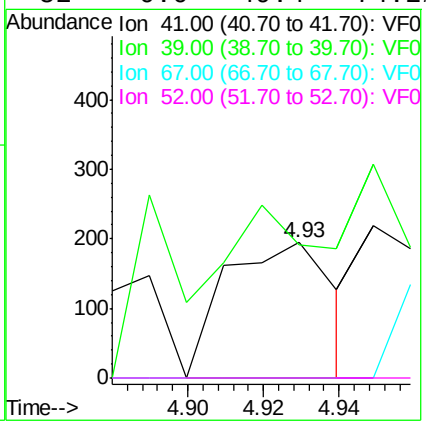


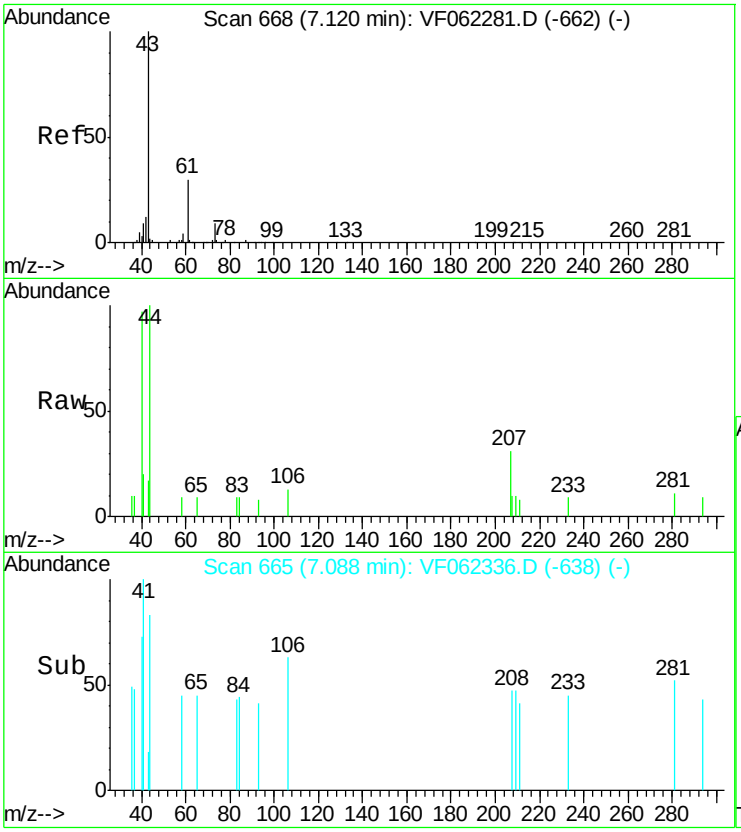


#41
Methacrylonitrile
Concen: 36.365 ug/l
RT: 4.93 min Scan# 446
Delta R.T. -0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 41 Resp: 385

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



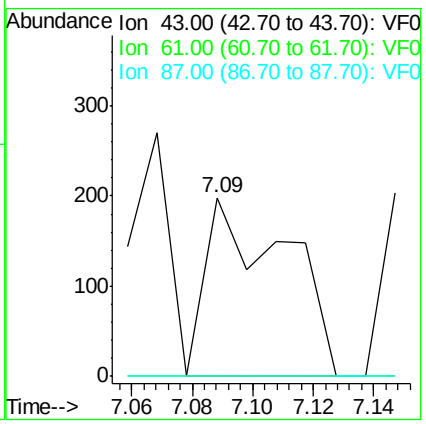


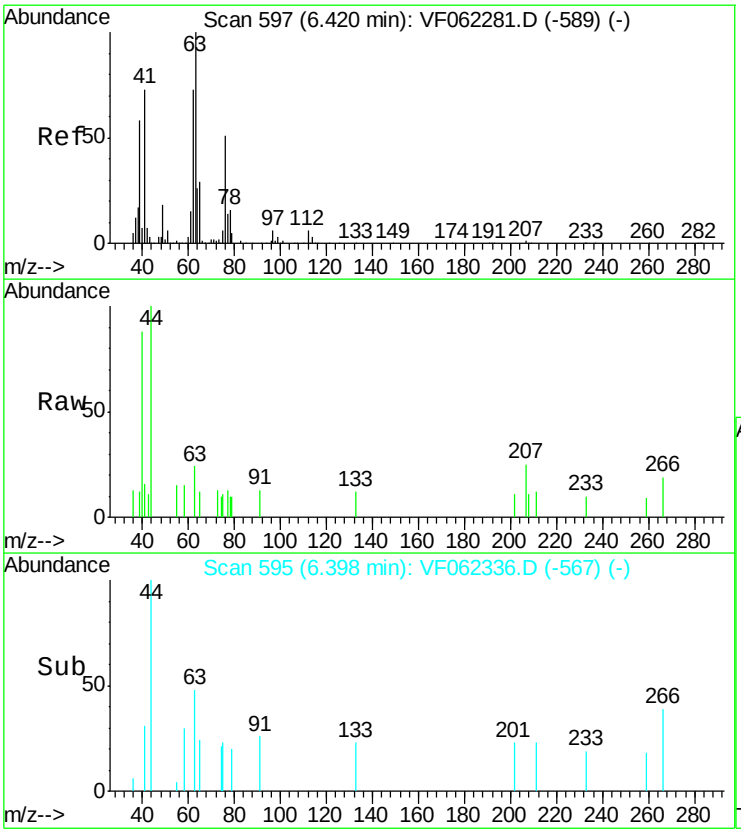
#43
Isopropyl Acetate
Concen: 18.506 ug/l
RT: 7.09 min Scan# 665
Delta R.T. -0.03 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion: 43 Resp: 364

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

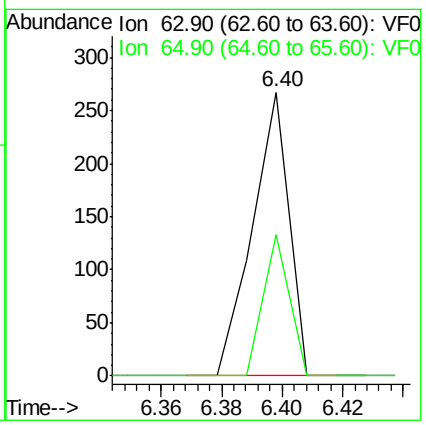


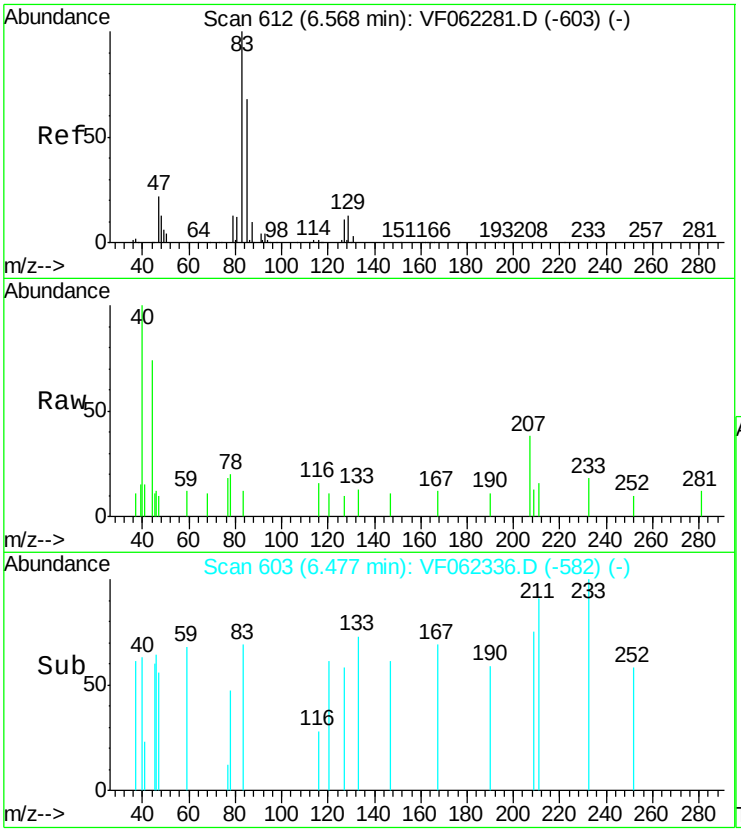


#45
1,2-Dichloropropane
Concen: 8.997 ug/l
RT: 6.40 min Scan# 595
Delta R.T. -0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 63 Resp: 222

Ion	Ratio	Lower	Upper
63	100		
65	49.8	23.5	35.3#



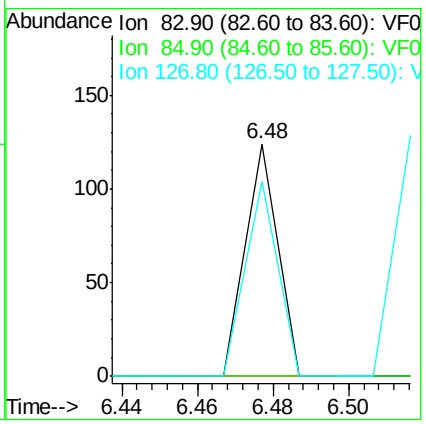


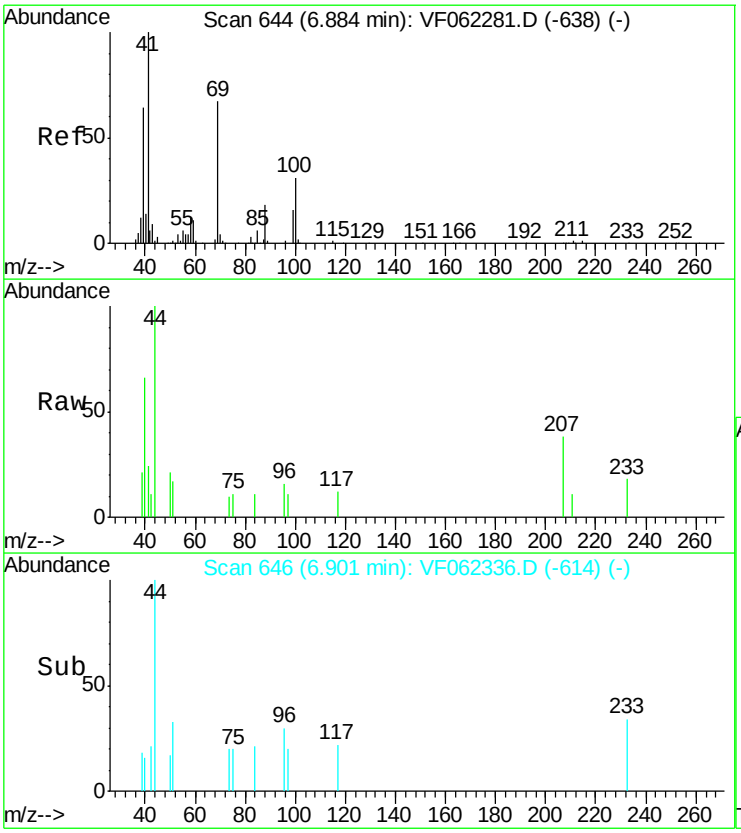
#47
Bromodichloromethane
Concen: 1.743 ug/l
RT: 6.48 min Scan# 603
Delta R.T. -0.09 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion: 83 Resp: 73

Ion	Ratio	Lower	Upper
83	100		
85	0.0	54.6	81.8#
127	83.9	8.7	13.1#

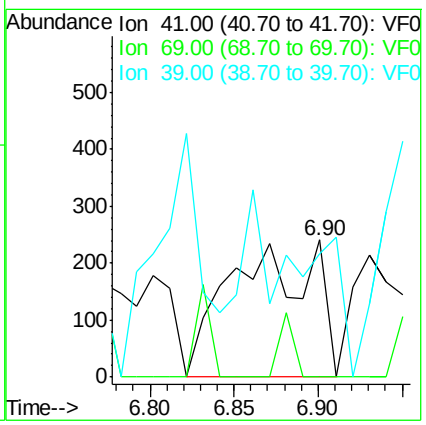


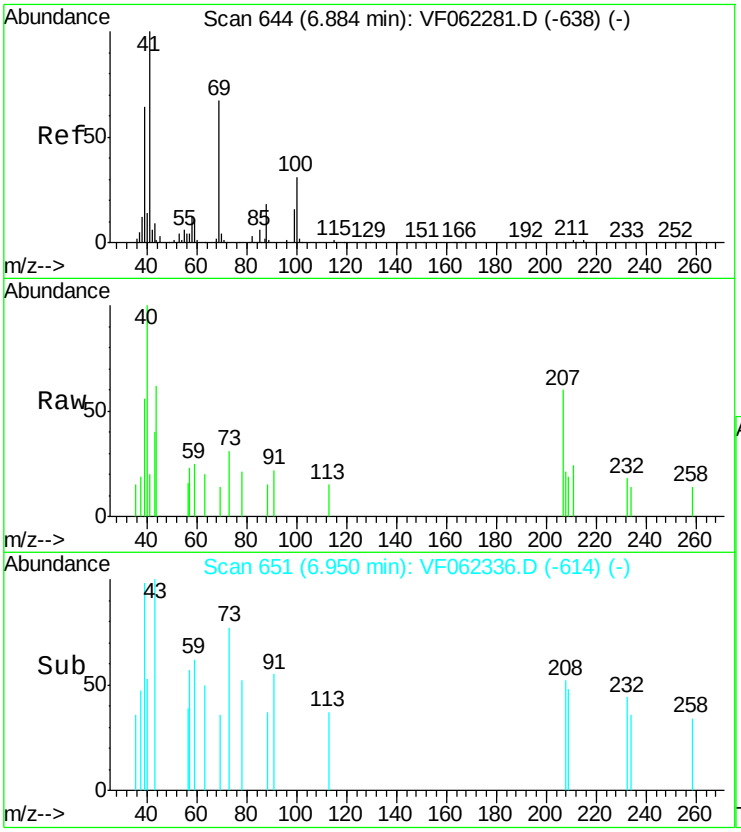


#48
Methyl methacrylate
Concen: 58.516 ug/l
RT: 6.90 min Scan# 646
Delta R.T. 0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 41 Resp: 817

Ion	Ratio	Lower	Upper
41	100		
69	8.2	53.4	80.2#
39	0.0	50.9	76.3#



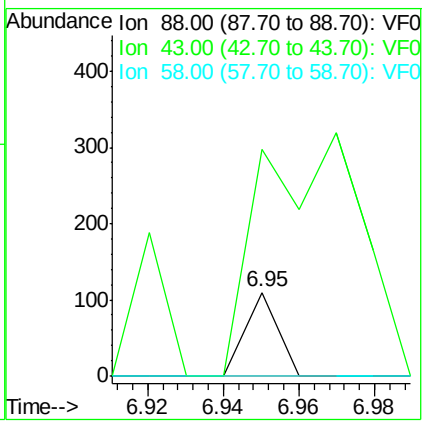


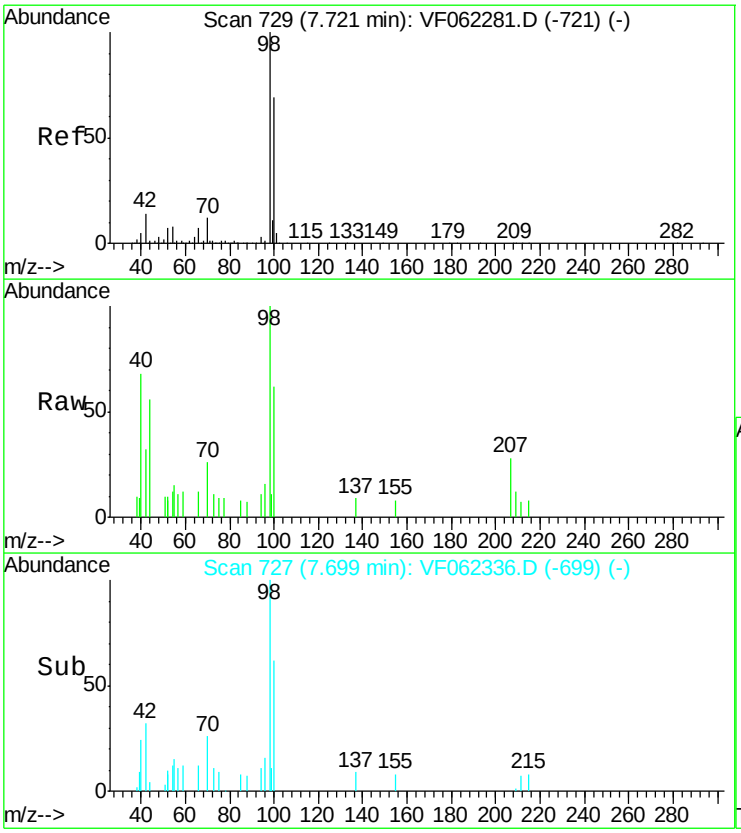
#49
1,4-Dioxane
Concen: 404.298 ug/l
RT: 6.95 min Scan# 651
Delta R.T. 0.07 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	909.2	34.2	51.4#
58	0.0	50.7	76.1#

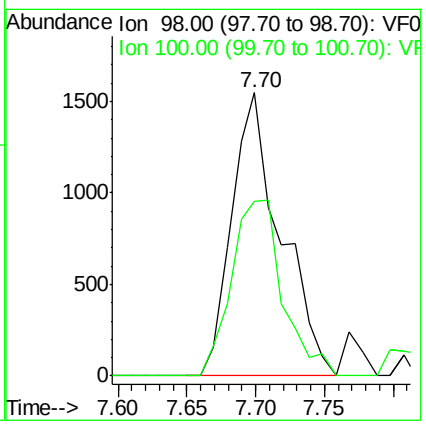


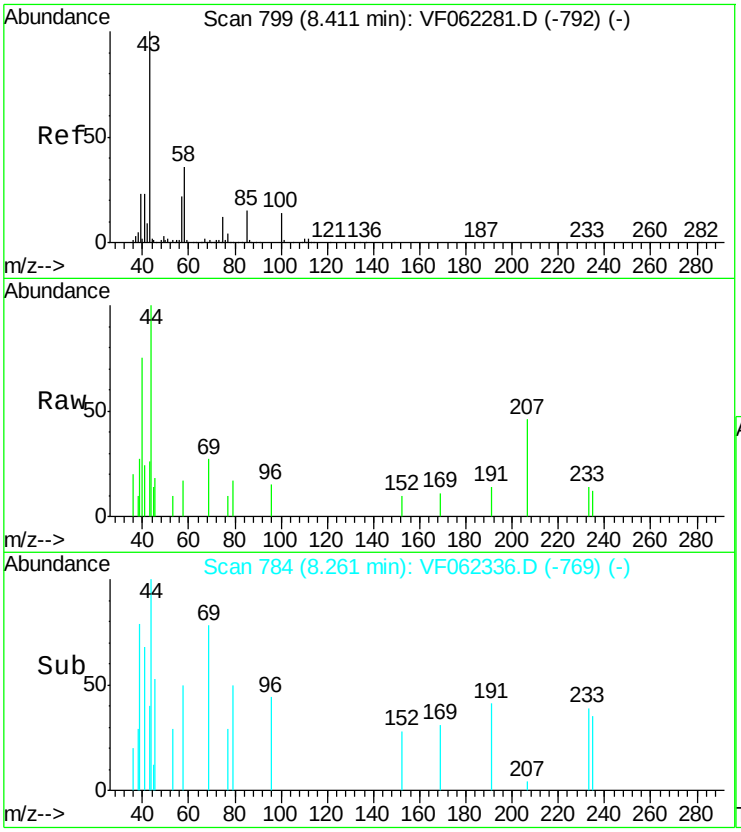


#50
Toluene-d8
Concen: 42.913 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 98 Resp: 3816

Ion	Ratio	Lower	Upper
98	100		
100	65.3	54.4	81.6



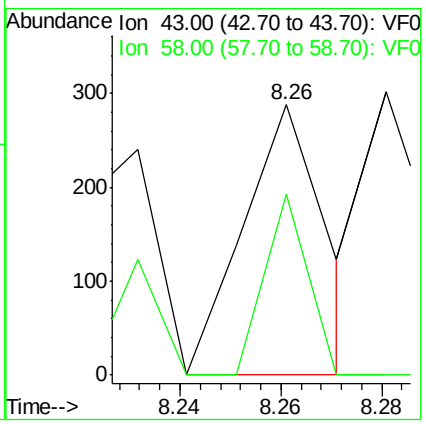


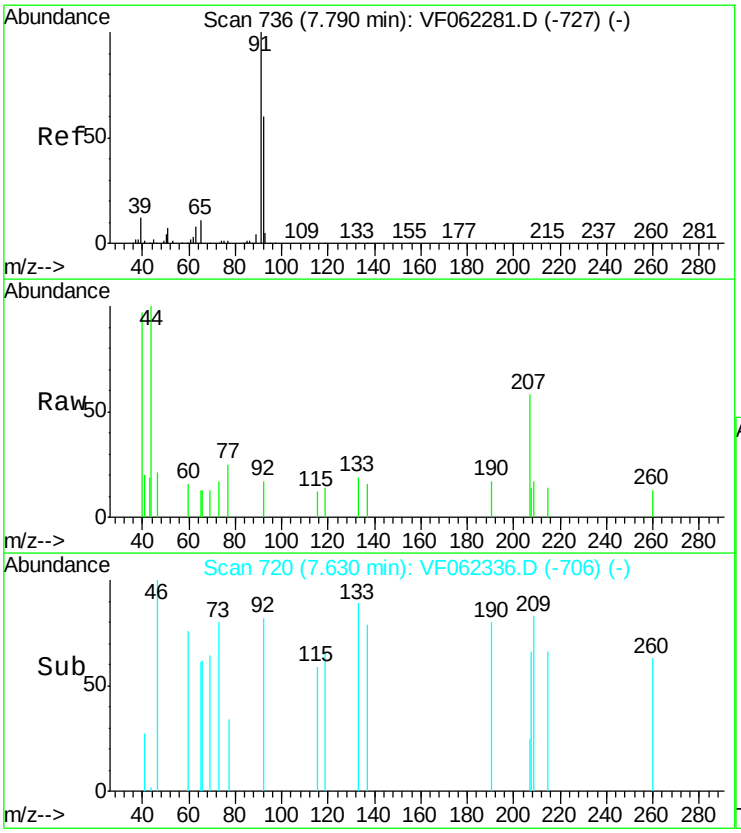
#51
4-Methyl-2-Pentanone
Concen: 21.644 ug/l
RT: 8.26 min Scan# 784
Delta R.T. -0.15 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion: 43 Resp: 325

Ion	Ratio	Lower	Upper
43	100		
58	35.1	29.1	43.7

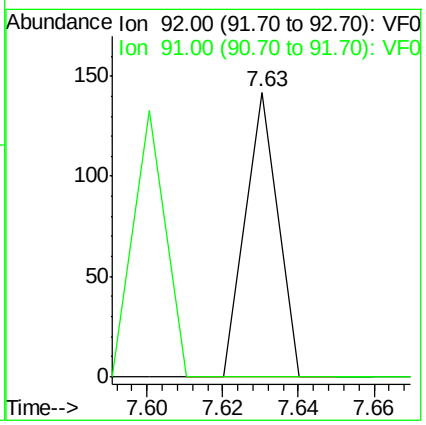


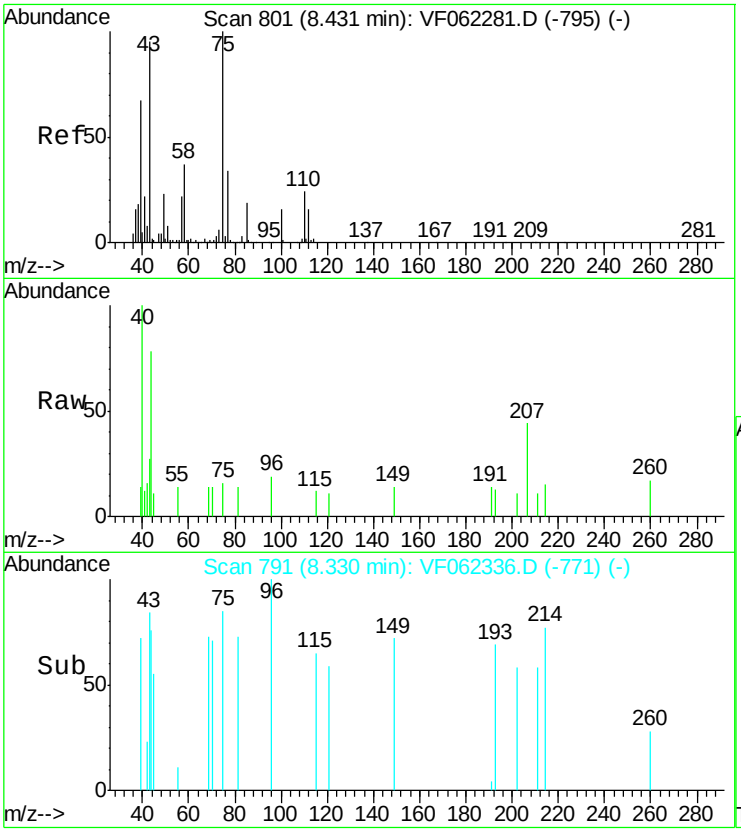


#52
Toluene
Concen: 1.330 ug/l
RT: 7.63 min Scan# 720
Delta R.T. -0.16 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 92 Resp: 84

Ion	Ratio	Lower	Upper
92	100		
91	0.0	132.5	198.7#



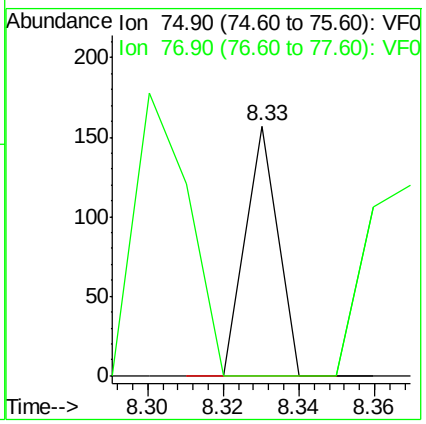


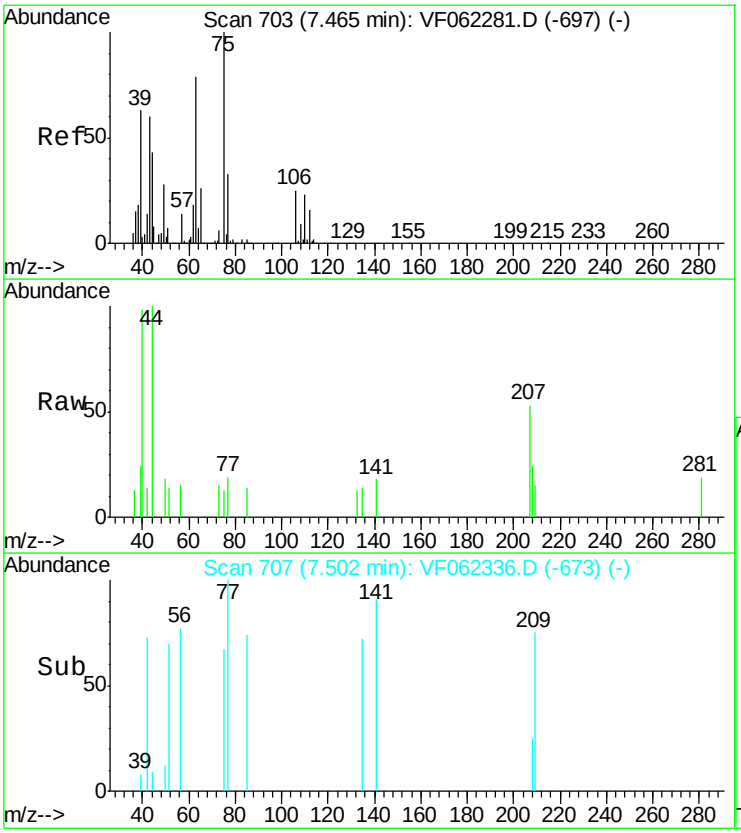
#53
t-1,3-Dichloropropene
Concen: 3.019 ug/l
RT: 8.33 min Scan# 791
Delta R.T. -0.10 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 75 Resp: 93

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.9	40.3#

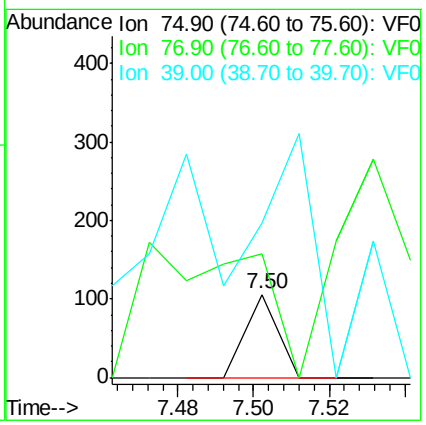


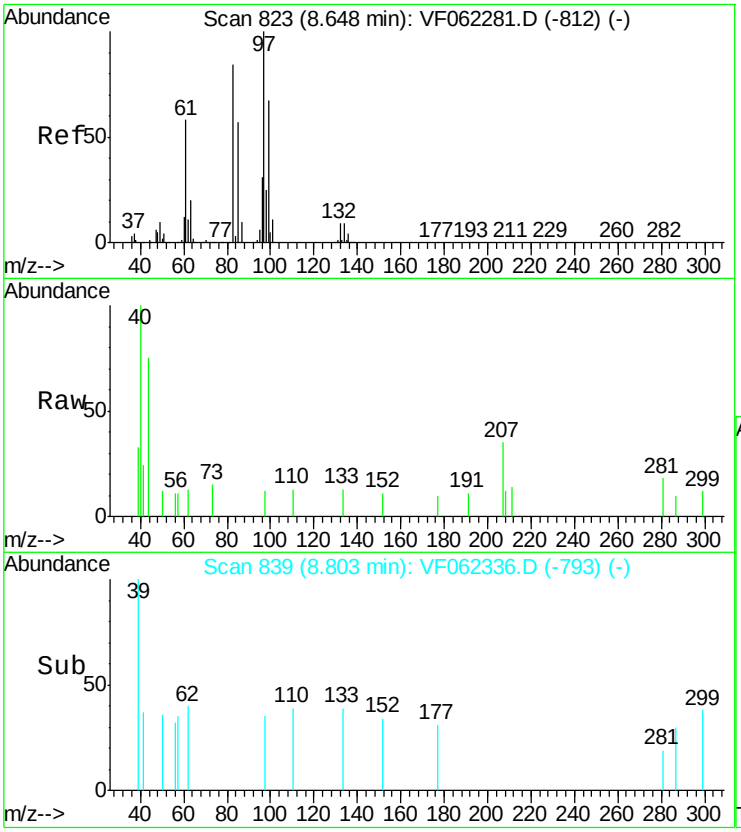


#54
cis-1,3-Dichloropropene
Concen: 1.597 ug/l
RT: 7.50 min Scan# 707
Delta R.T. 0.04 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 75 Resp: 63

Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.5	39.7
39	185.8	50.2	75.2#



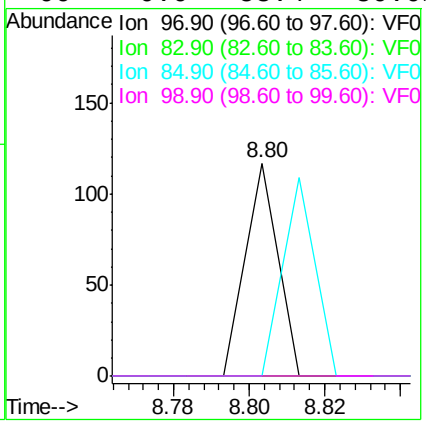


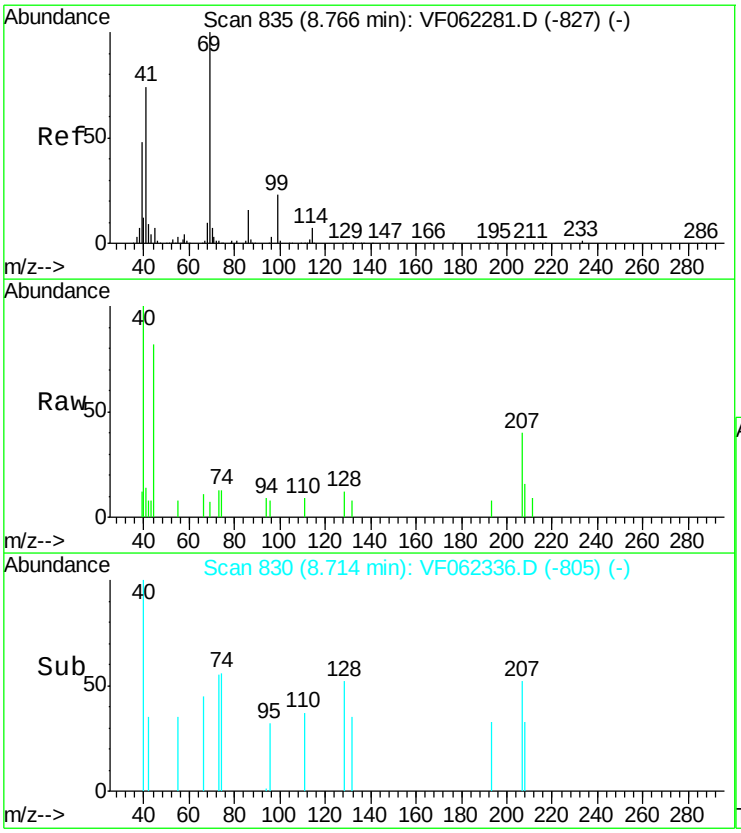
#55
1,1,2-Trichloroethane
Concen: 3.847 ug/l
RT: 8.80 min Scan# 839
Delta R.T. 0.16 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion: 97 Resp: 69

Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.5	101.3#
85	0.0	45.3	67.9#
99	0.0	53.4	80.0#

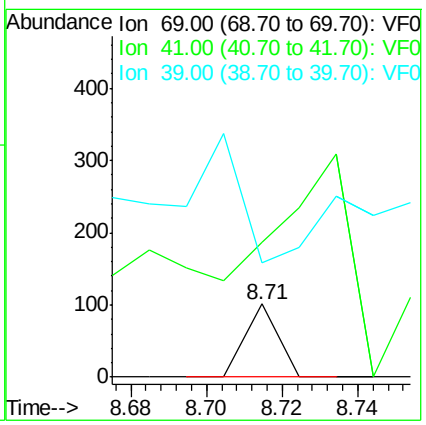


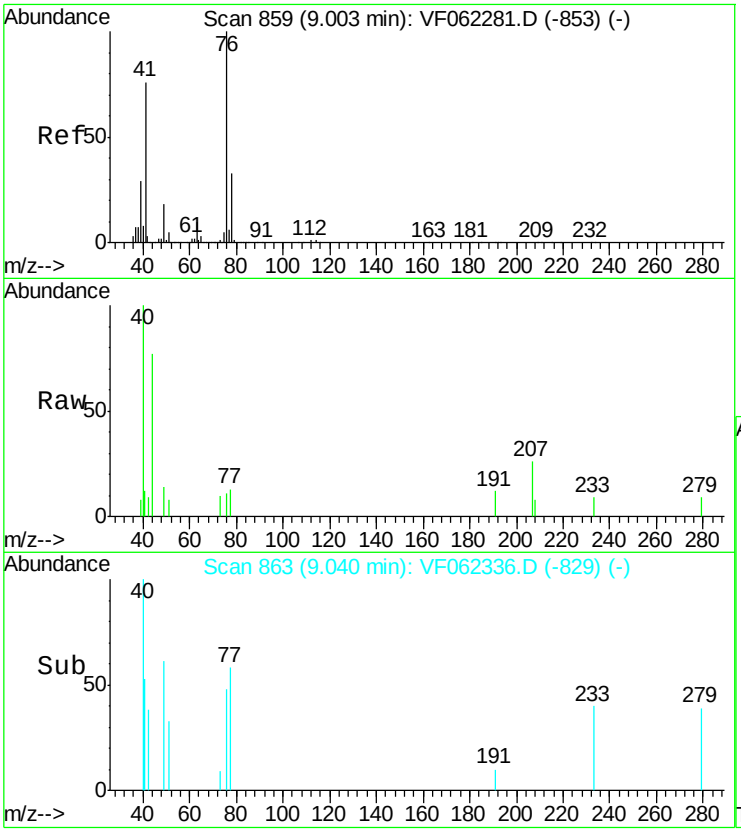


#56
Ethyl methacrylate
Concen: 3.045 ug/l
RT: 8.71 min Scan# 830
Delta R.T. -0.05 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 69 Resp: 60

Ion	Ratio	Lower	Upper
69	100		
41	0.0	61.5	92.3#
39	1513.3	37.9	56.9#



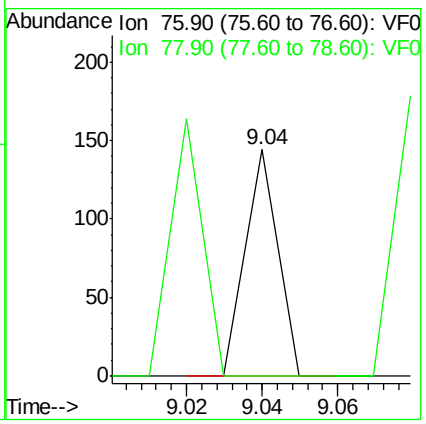


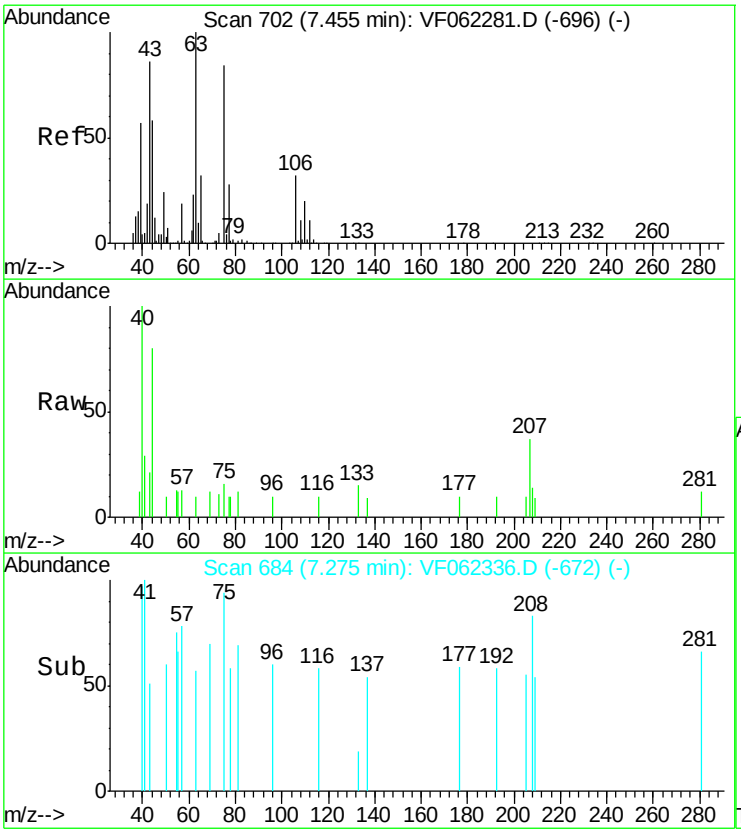
#57
1,3-Dichloropropane
Concen: 3.014 ug/l
RT: 9.04 min Scan# 863
Delta R.T. 0.04 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion: 76 Resp: 85

Ion	Ratio	Lower	Upper
76	100		
78	114.1	27.0	40.6#

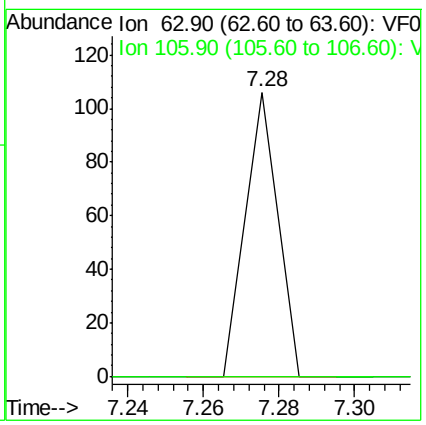


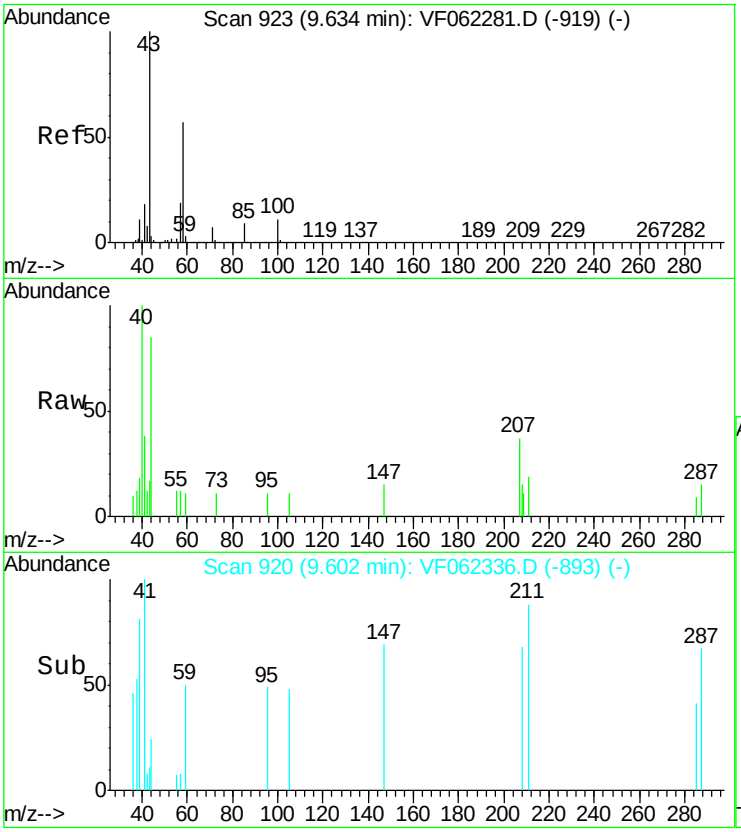


#58
2-Chloroethyl Vinyl ether
Concen: 10.507 ug/l
RT: 7.28 min Scan# 684
Delta R.T. -0.18 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 63 Resp: 63

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.7	37.1#



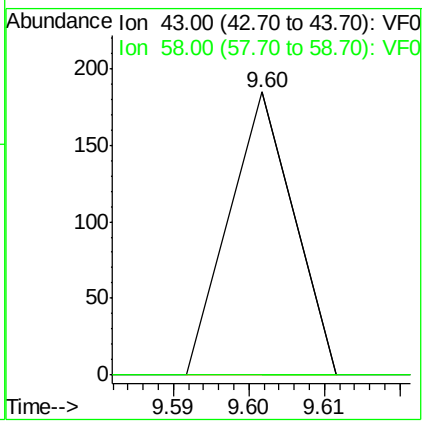


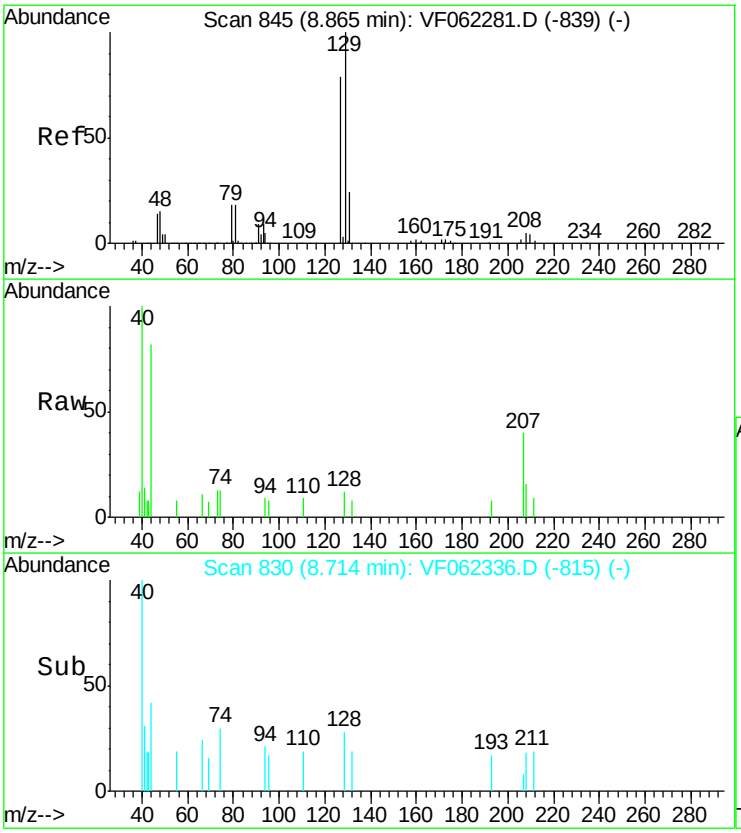
#59
2-Hexanone
Concen: Below Cal
RT: 9.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion: 43 Resp: 110

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.9	74.7#

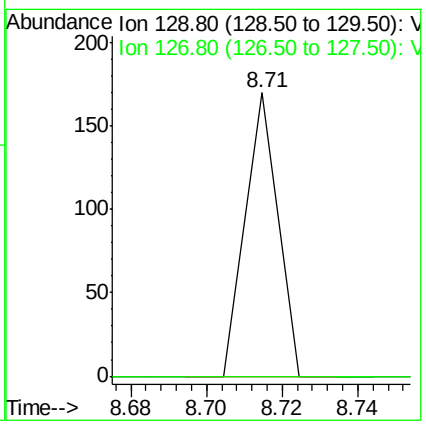


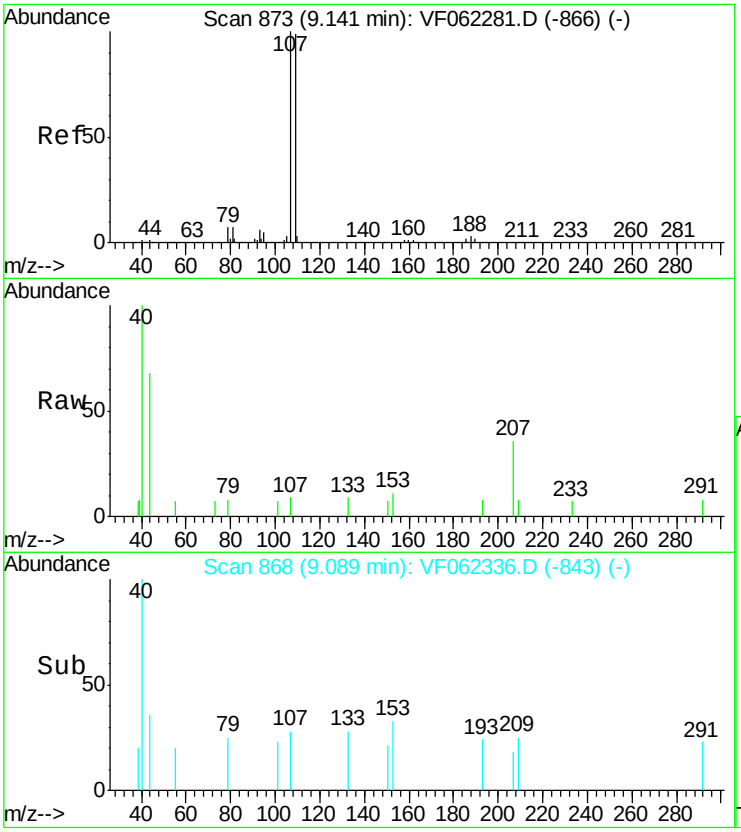


#60
Dibromochloromethane
Concen: 3.470 ug/l
RT: 8.71 min Scan# 830
Delta R.T. -0.15 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion:129 Resp: 101

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.8	116.4#



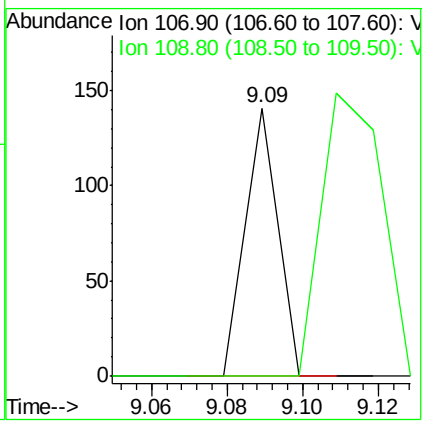


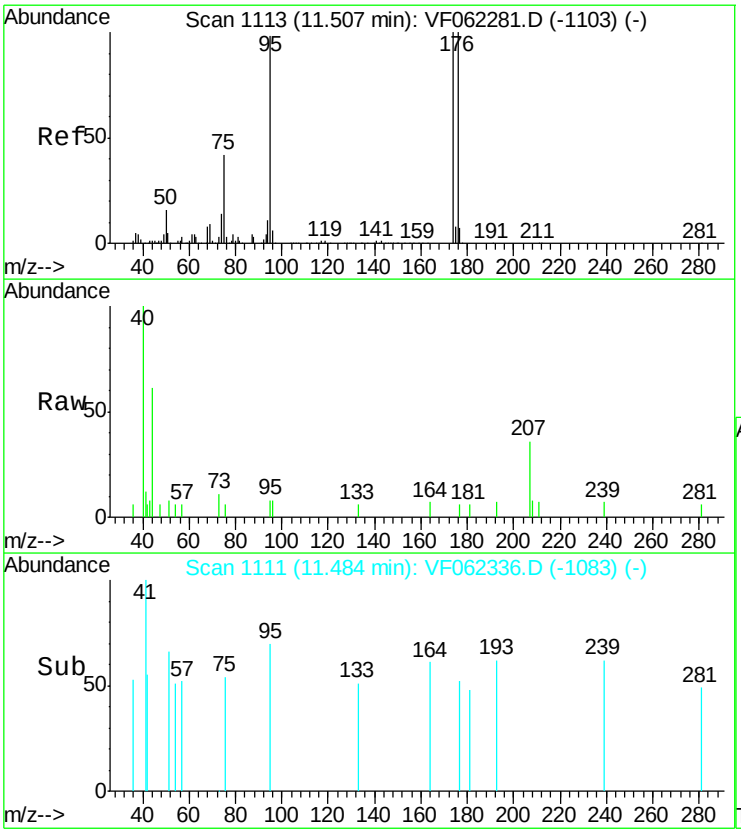
#61
1,2-Dibromoethane
Concen: 3.998 ug/l
RT: 9.09 min Scan# 868
Delta R.T. -0.05 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion:107 Resp: 83

Ion	Ratio	Lower	Upper
107	100		
109	197.6	78.7	118.1#

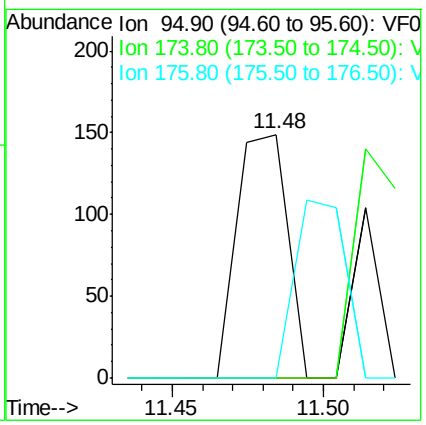


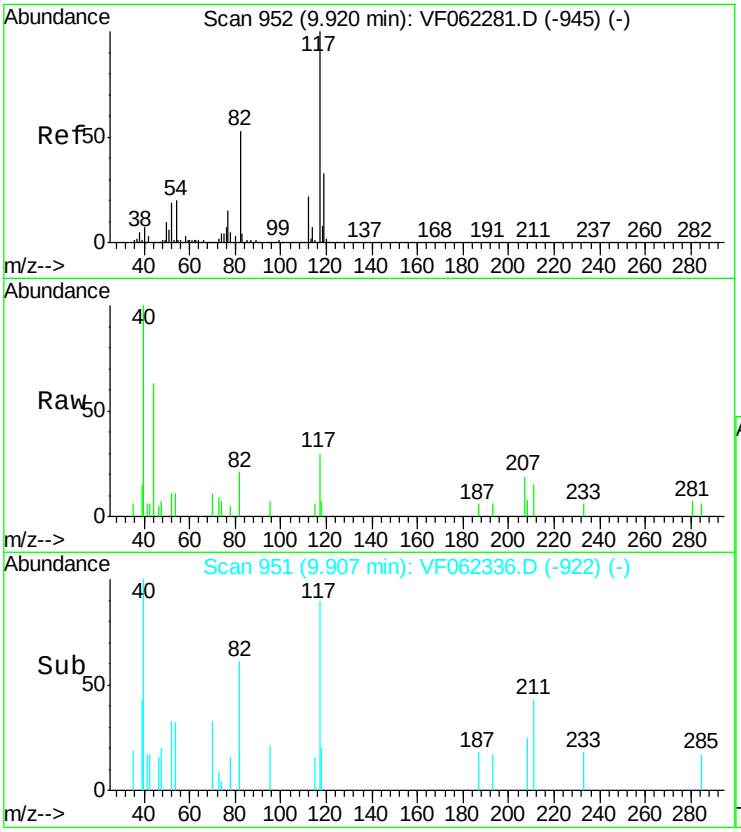


#62
4-Bromofluorobenzene
Concen: 4.720 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 95 Resp: 173

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	185.2
176	72.8	0.0	184.8



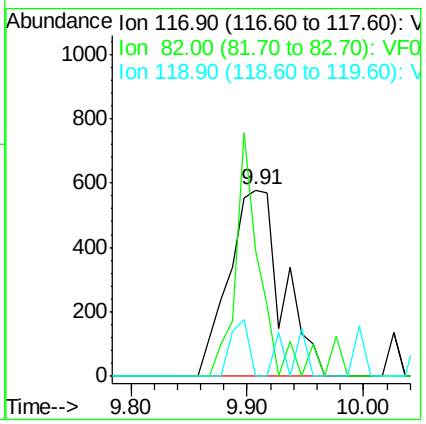


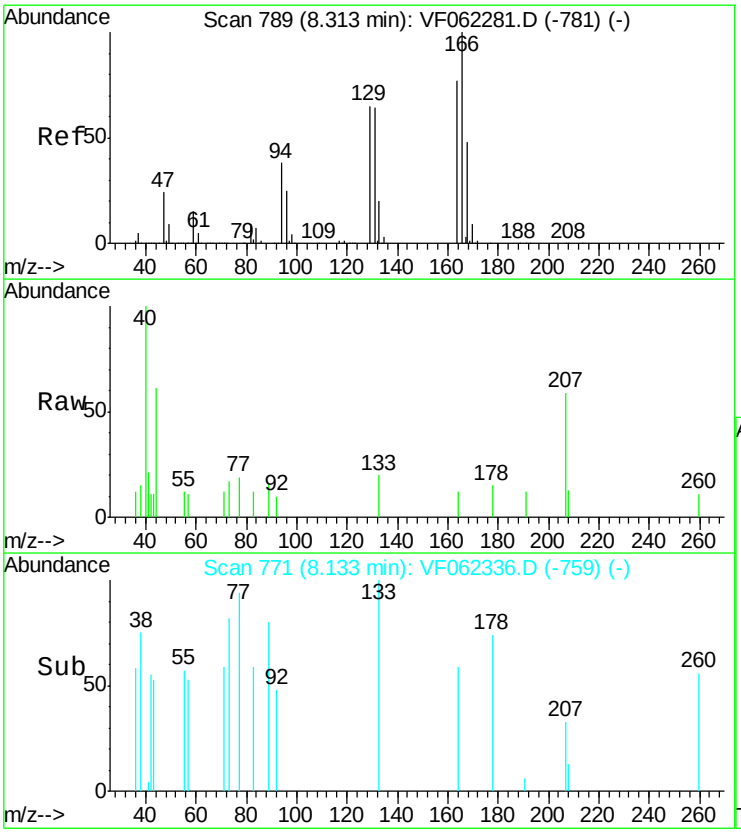
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion:117 Resp: 1847

Ion	Ratio	Lower	Upper
117	100		
82	67.5	42.6	64.0#
119	0.0	26.1	39.1#

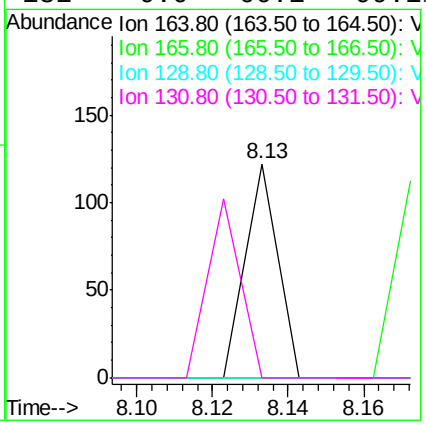


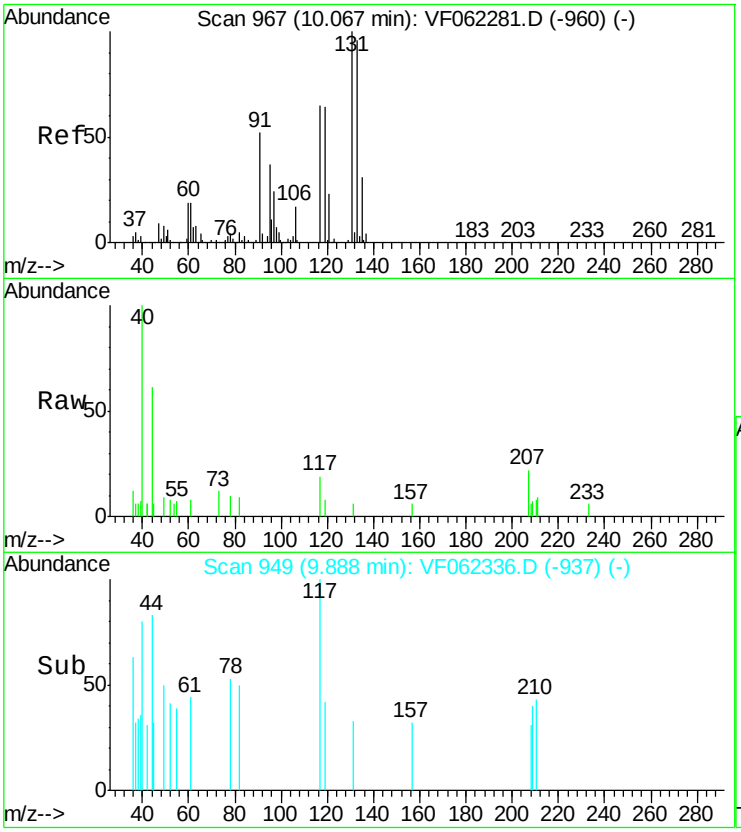


#64
Tetrachloroethene
Concen: 4.661 ug/l
RT: 8.13 min Scan# 771
Delta R.T. -0.18 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion:164 Resp: 72

Ion	Ratio	Lower	Upper
164	100		
166	0.0	103.5	155.3#
129	0.0	67.6	101.4#
131	0.0	66.1	99.1#



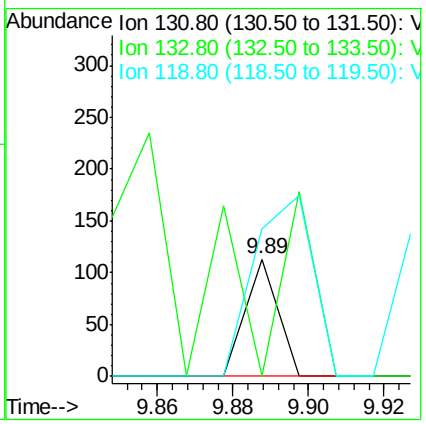


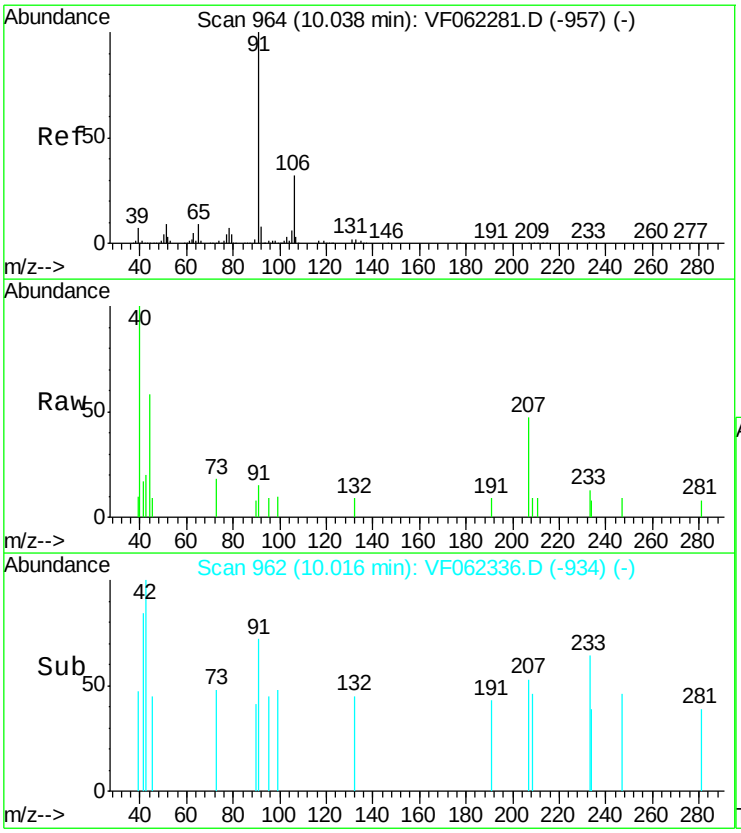
#66
1,1,1,2-Tetrachloroethane
Concen: 4.214 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.18 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion:131 Resp: 67

Ion	Ratio	Lower	Upper
131	100		
133	0.0	48.5	145.5#
119	279.1	32.9	98.7#

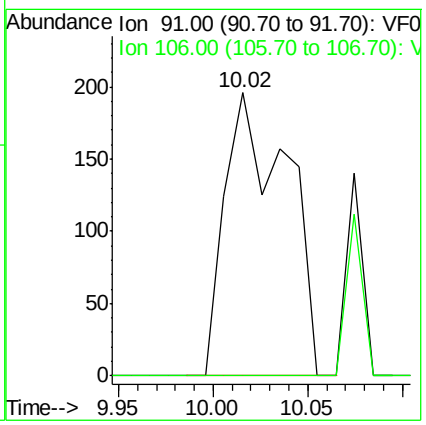


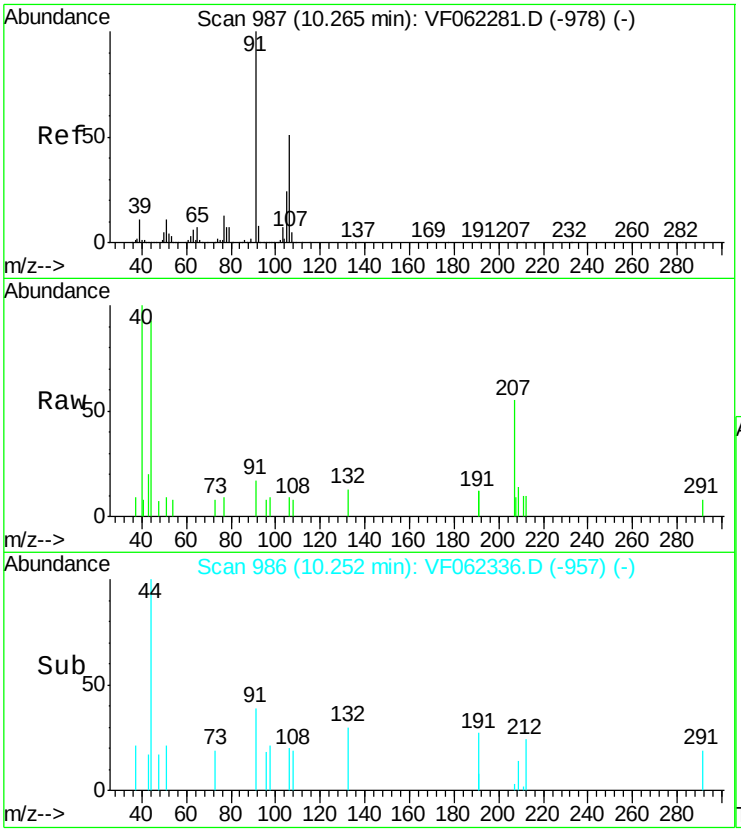


#67
Ethyl Benzene
Concen: 7.533 ug/l
RT: 10.02 min Scan# 962
Delta R.T. -0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 91 Resp: 442

Ion	Ratio	Lower	Upper
91	100		
106	0.0	25.6	38.4#



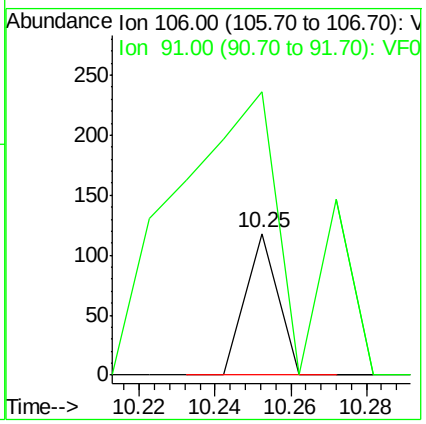


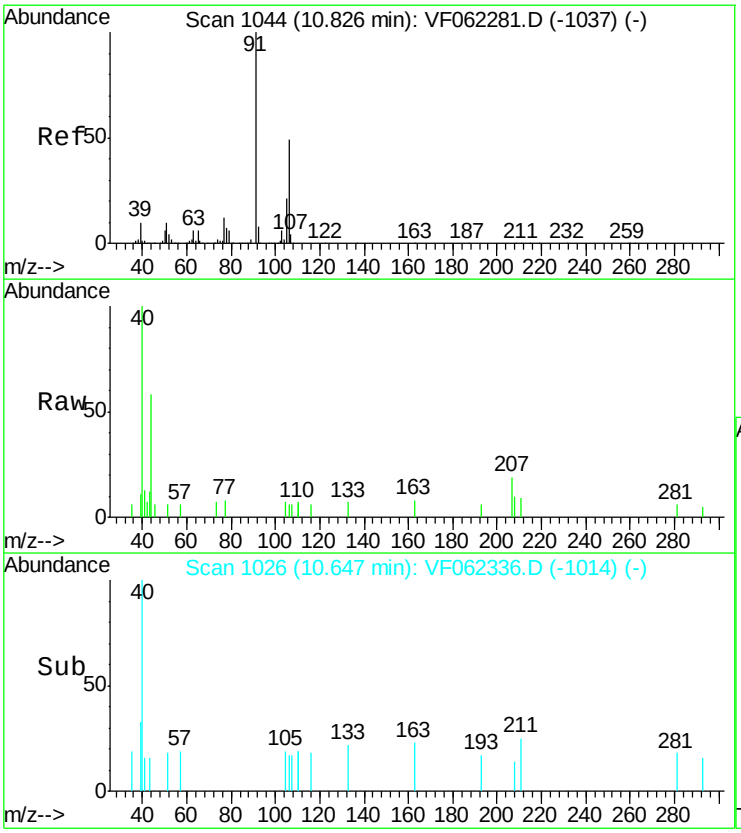
#68
m/p-Xylenes
Concen: 3.204 ug/l
RT: 10.25 min Scan# 986
Delta R.T. -0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion:106 Resp: 70

Ion	Ratio	Lower	Upper
106	100		
91	738.6	158.3	237.5#

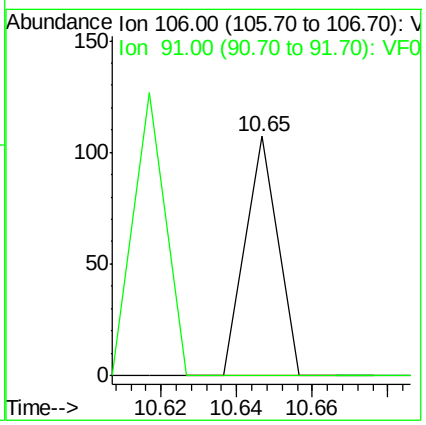


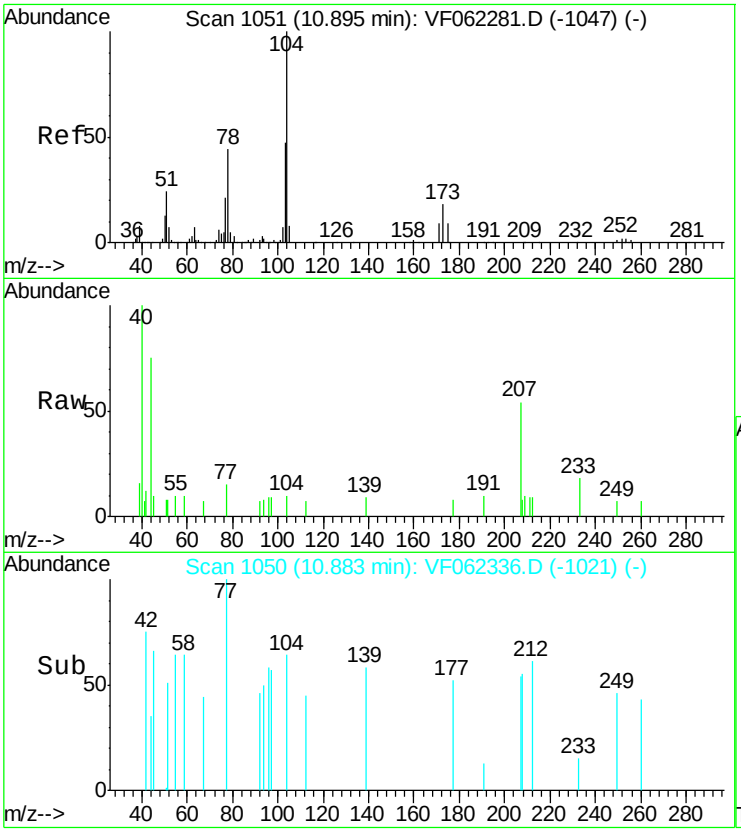


#69
o-Xylene
Concen: 2.581 ug/l
RT: 10.65 min Scan# 1026
Delta R.T. -0.18 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion:106 Resp: 63

Ion	Ratio	Lower	Upper
106	100		
91	0.0	110.0	330.0#



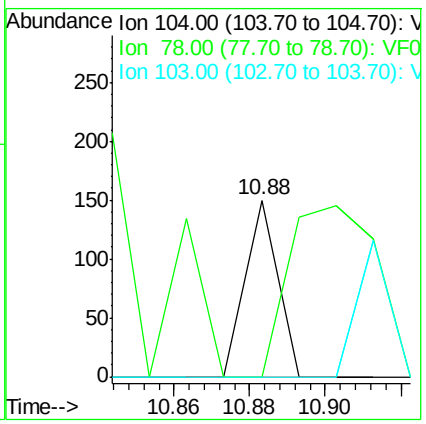


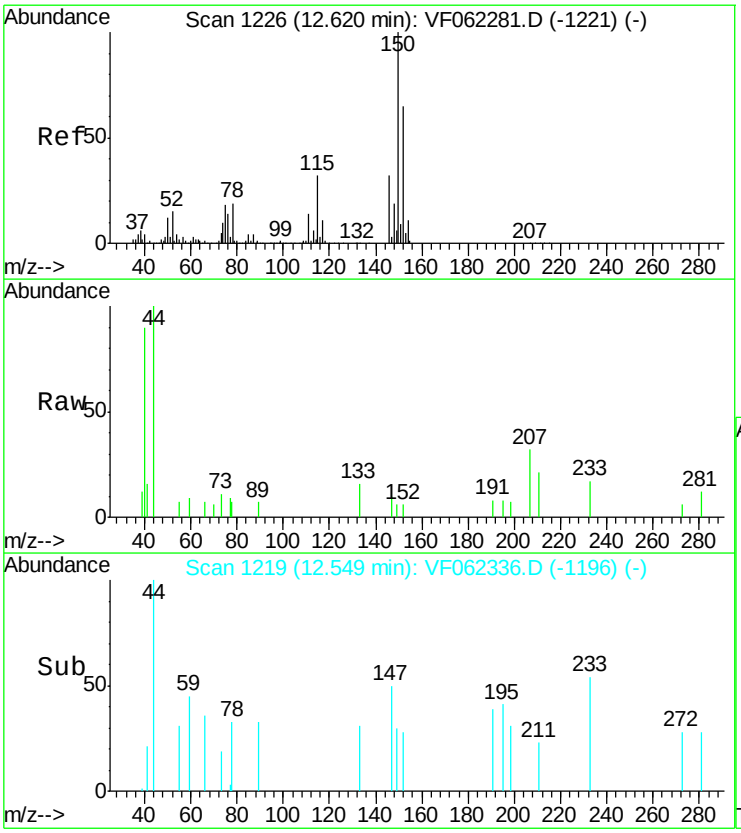
#70
Stvrene
Concen: 2.522 ug/l
RT: 10.88 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion:104 Resp: 89

Ion	Ratio	Lower	Upper
104	100		
78	0.0	35.9	53.9#
103	0.0	37.5	56.3#

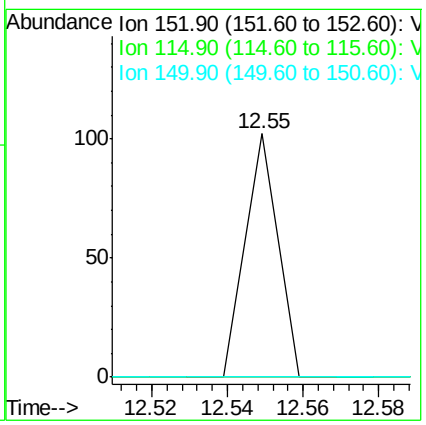


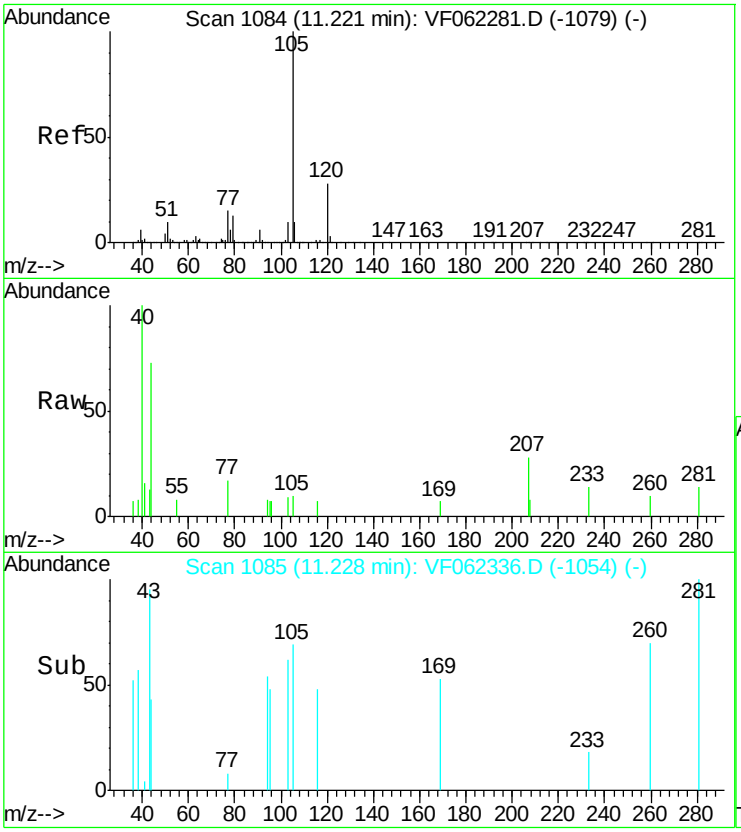


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1219
Delta R.T. -0.07 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion:152 Resp: 60

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



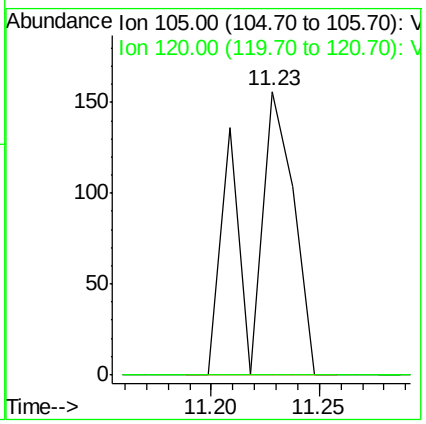


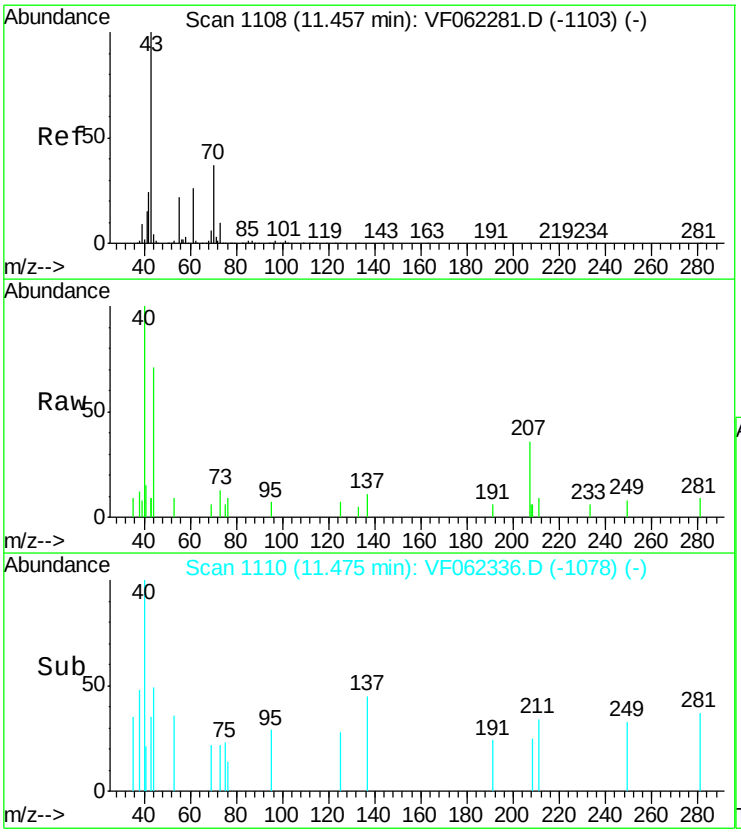
#73
Isopropylbenzene
Concen: 56.922 ug/l
RT: 11.23 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion:105 Resp: 234

Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.4	37.2#

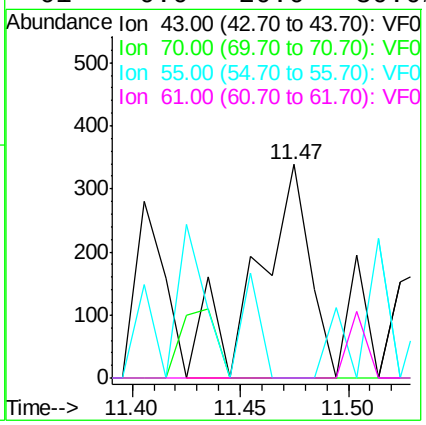


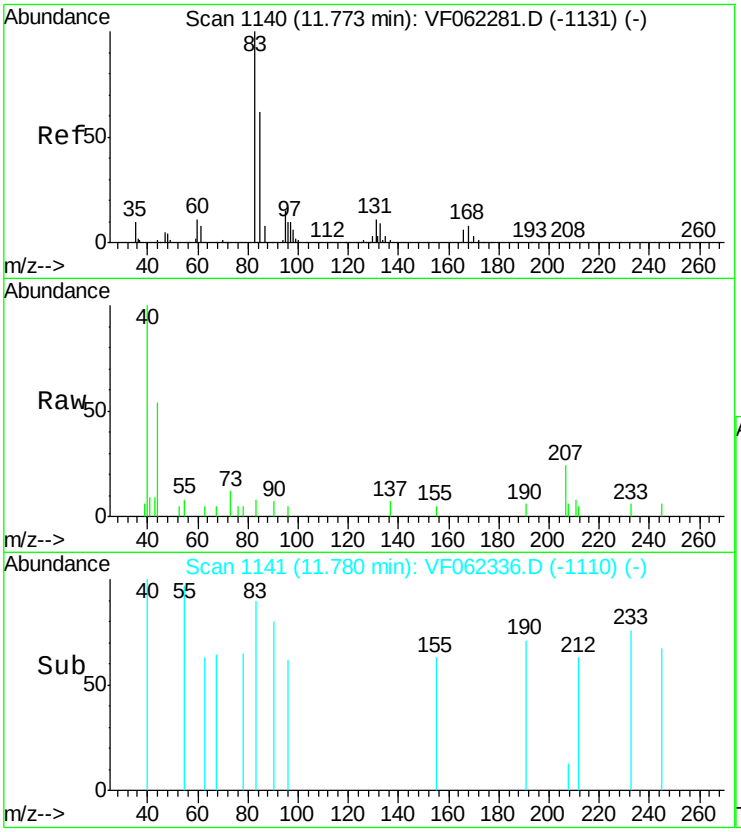


#74
N-amyl acetate
Concen: 621.840 ug/l
RT: 11.47 min Scan# 1110
Delta R.T. 0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 43 Resp: 589

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



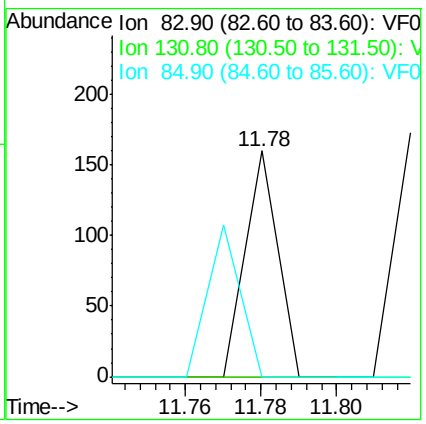


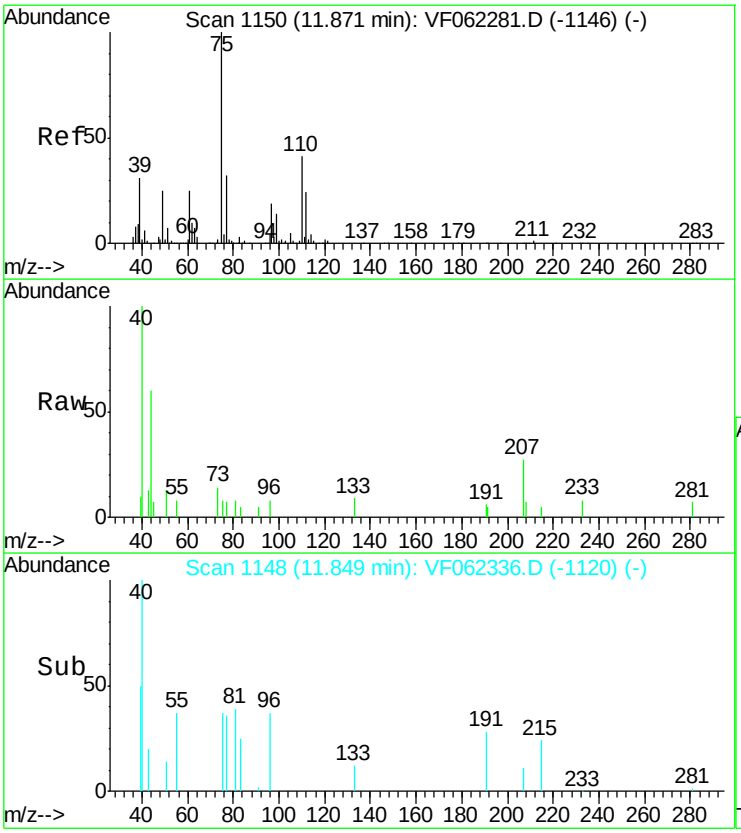
#75
1,1,2,2-Tetrachloroethane
Concen: 145.457 ug/l
RT: 11.78 min Scan# 1141
Delta R.T. 0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 83 Resp: 95

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.5#
85	67.4	34.5	103.6

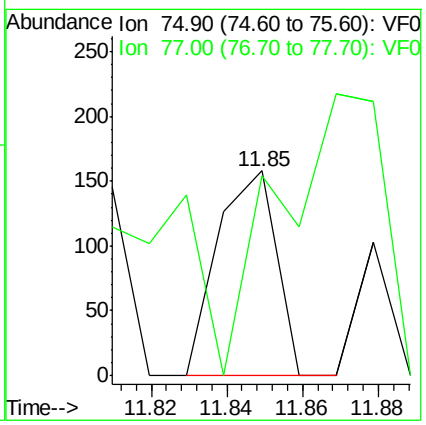


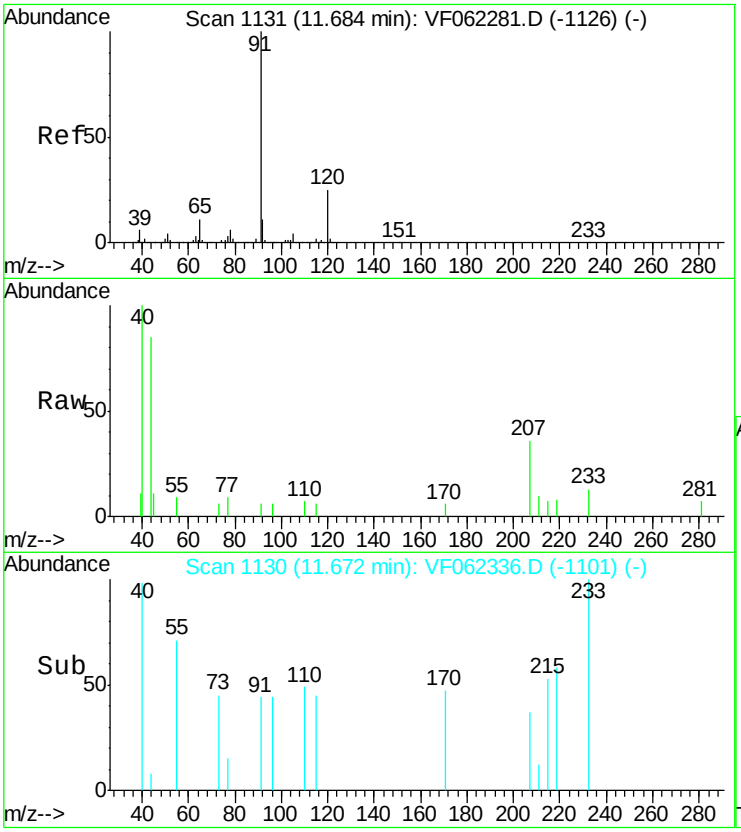


#76
1,2,3-Trichloropropane
Concen: 364.710 ug/l
RT: 11.85 min Scan# 1148
Delta R.T. -0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 75 Resp: 169

Ion	Ratio	Lower	Upper
75	100		
77	125.4	0.0	0.0#



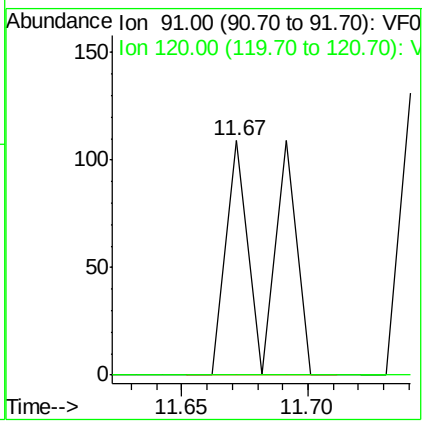


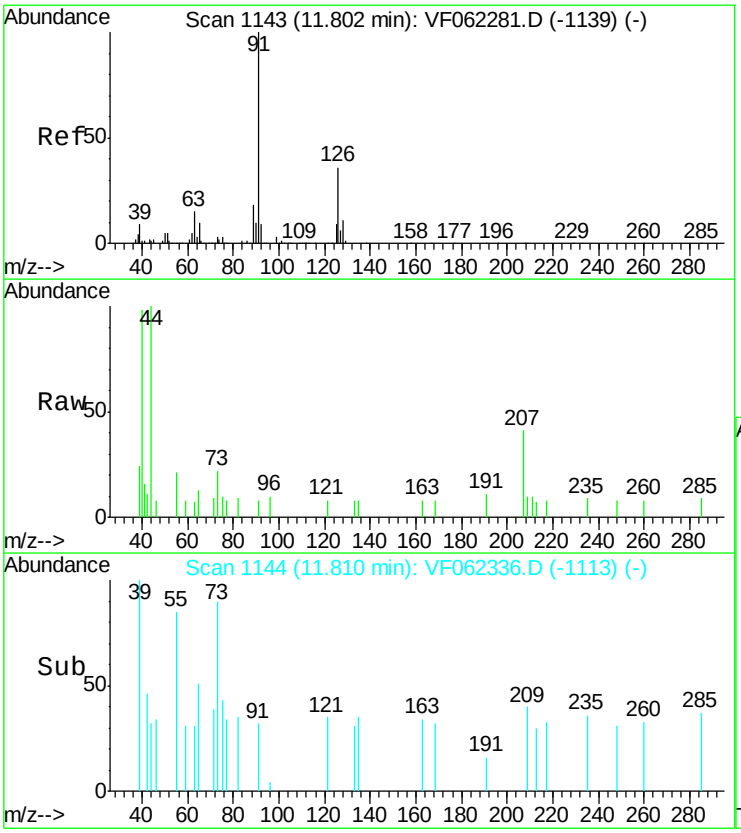
#78
n-propylbenzene
Concen: 29.823 ug/l
RT: 11.67 min Scan# 1130
Delta R.T. -0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 91 Resp: 129

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.8	35.4#

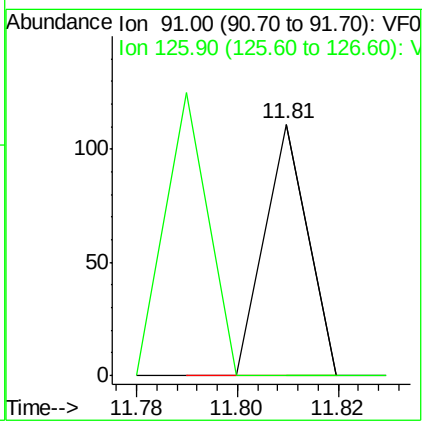


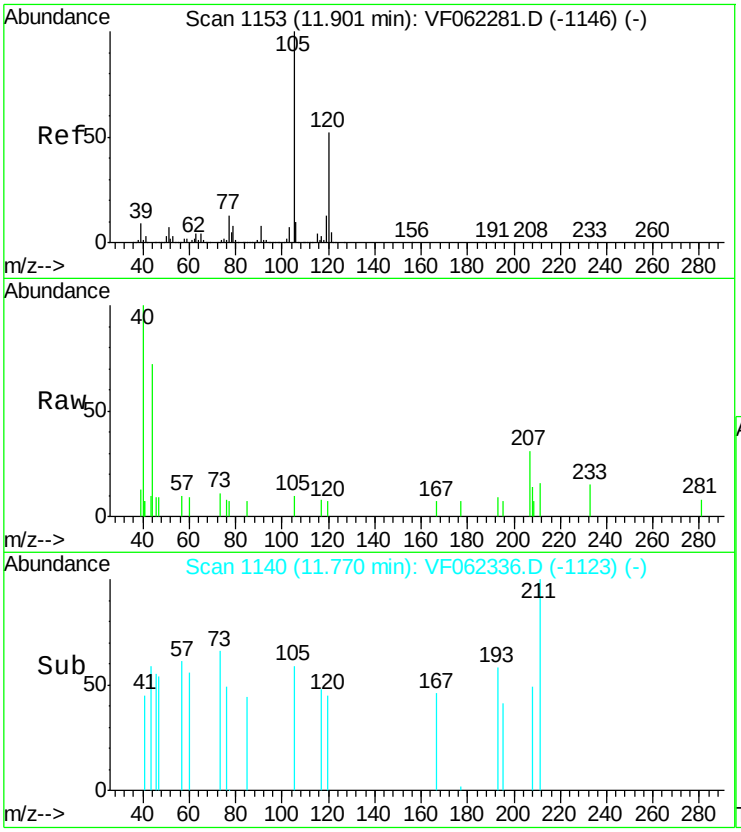


#79
2-Chlorotoluene
Concen: 25.331 ug/l
RT: 11.81 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 91 Resp: 66

Ion	Ratio	Lower	Upper
91	100		
126	112.1	17.9	53.8#



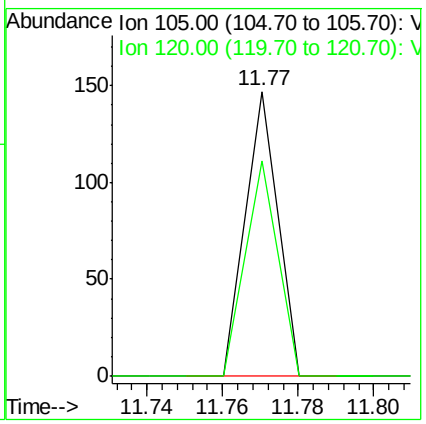


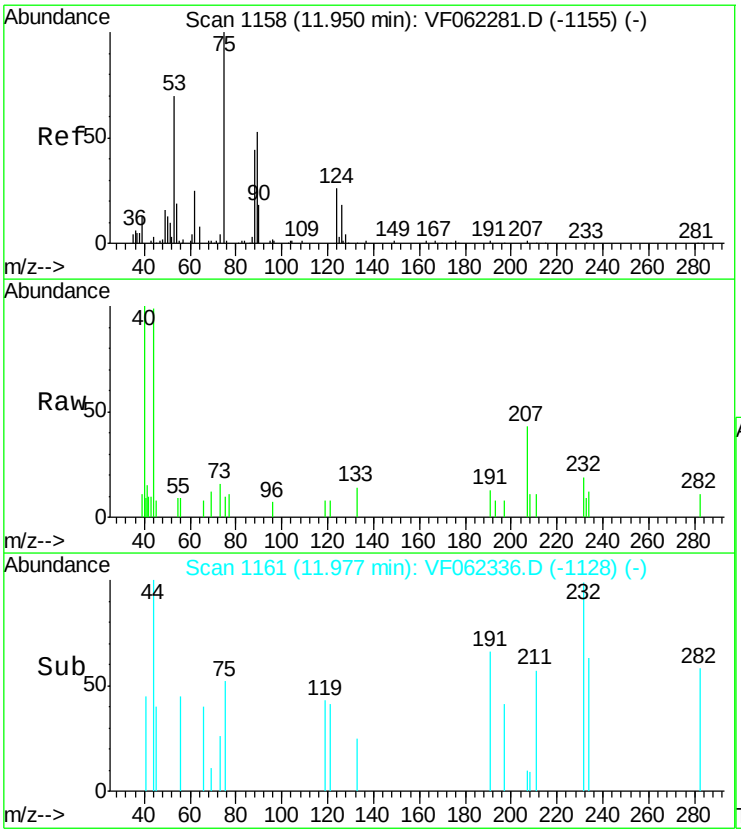
#80
1,3,5-Trimethylbenzene
Concen: 25.069 ug/l
RT: 11.77 min Scan# 1140
Delta R.T. -0.13 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion:105 Resp: 87

Ion	Ratio	Lower	Upper
105	100		
120	75.9	25.8	77.4

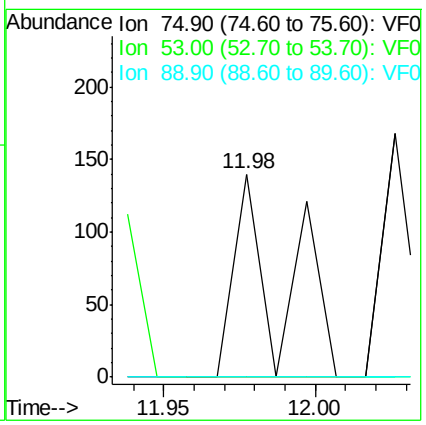


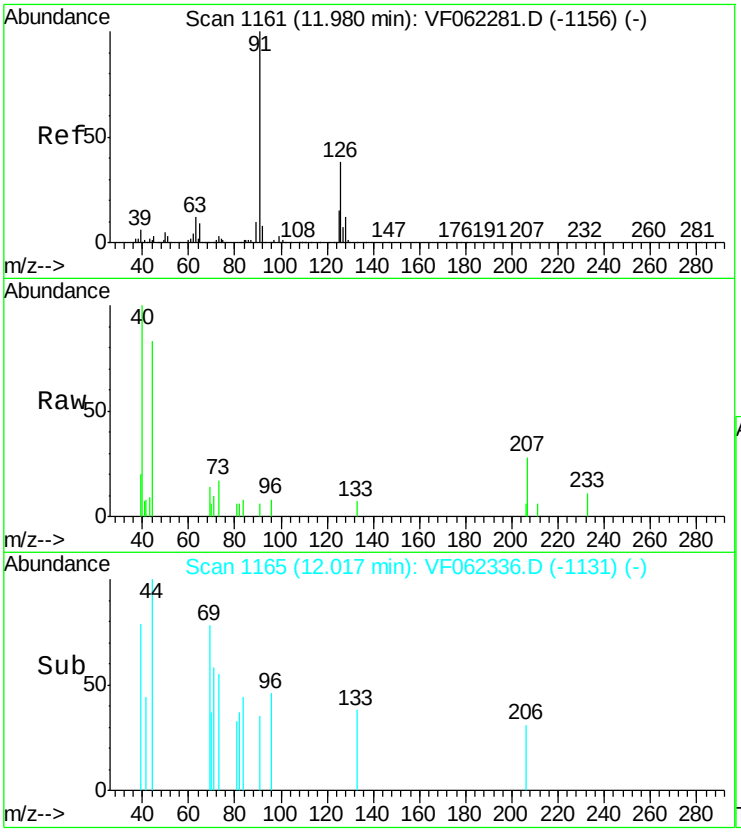


#81
trans-1,4-Dichloro-2-butene
Concen: 743.497 ug/l
RT: 11.98 min Scan# 1161
Delta R.T. 0.03 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 75 Resp: 154

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



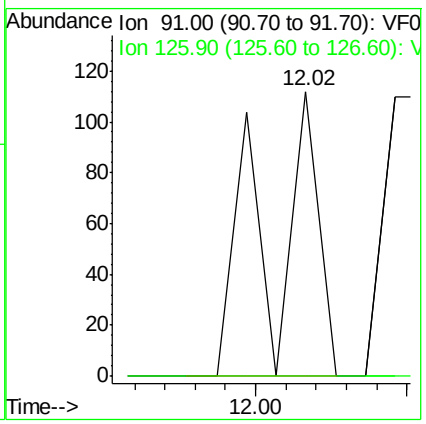


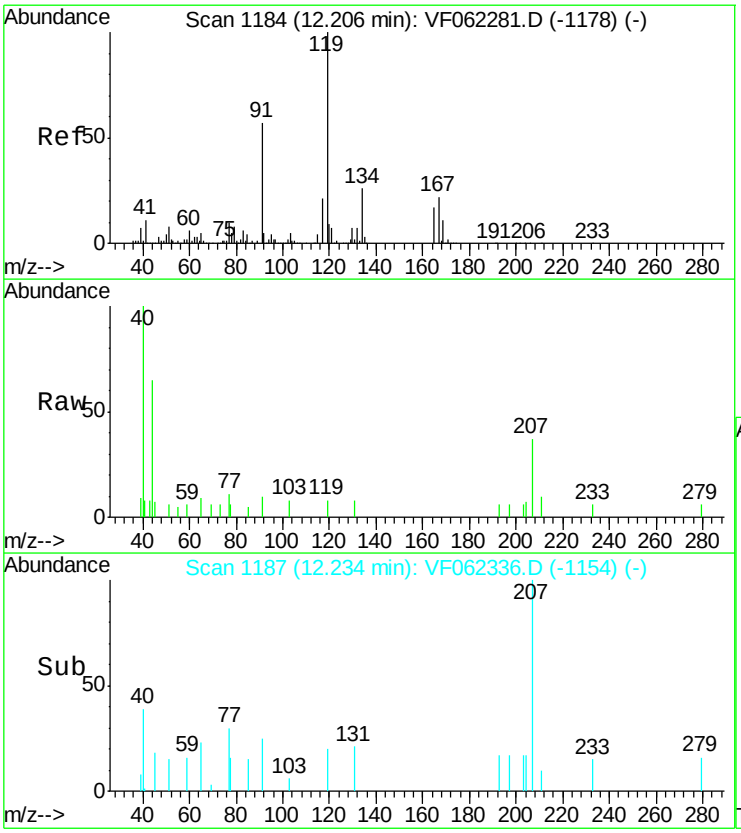
#82
4-Chlorotoluene
Concen: 49.649 ug/l
RT: 12.02 min Scan# 1165
Delta R.T. 0.04 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion: 91 Resp: 128

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.3	52.0#

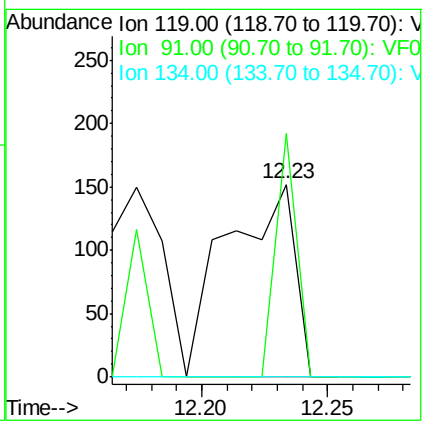


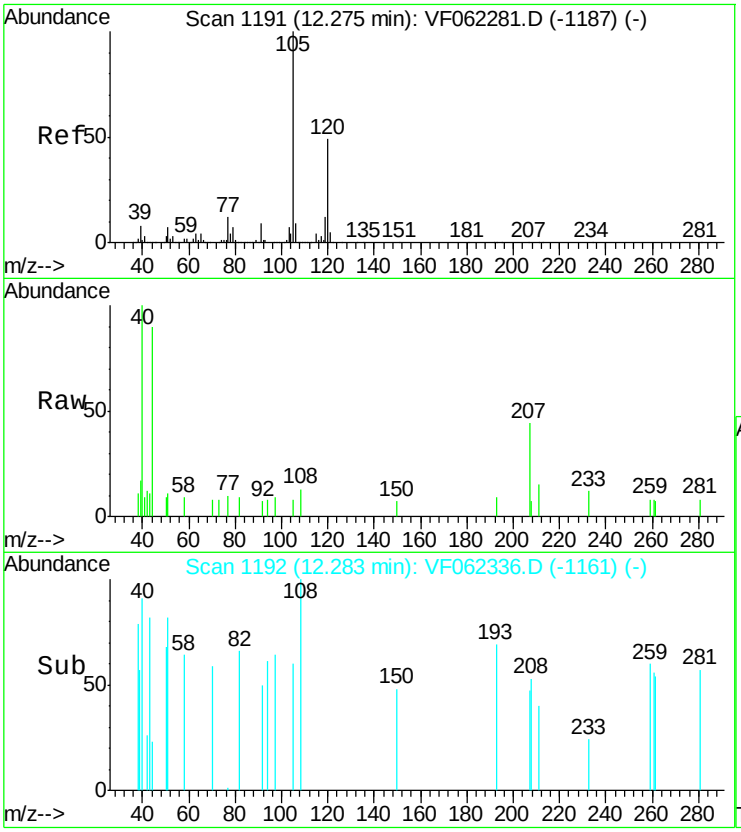


#83
tert-Butylbenzene
Concen: 80.302 ug/l
RT: 12.23 min Scan# 1187
Delta R.T. 0.03 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion:119 Resp: 286

Ion	Ratio	Lower	Upper
119	100		
91	39.9	29.4	88.2
134	0.0	11.9	35.7#



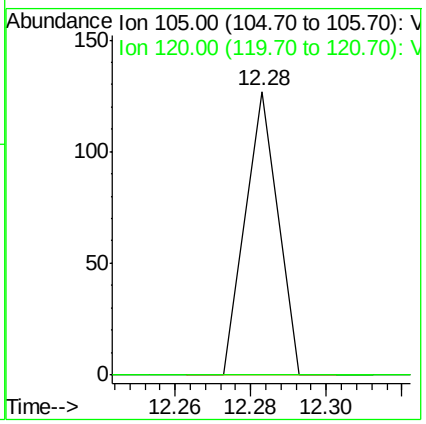


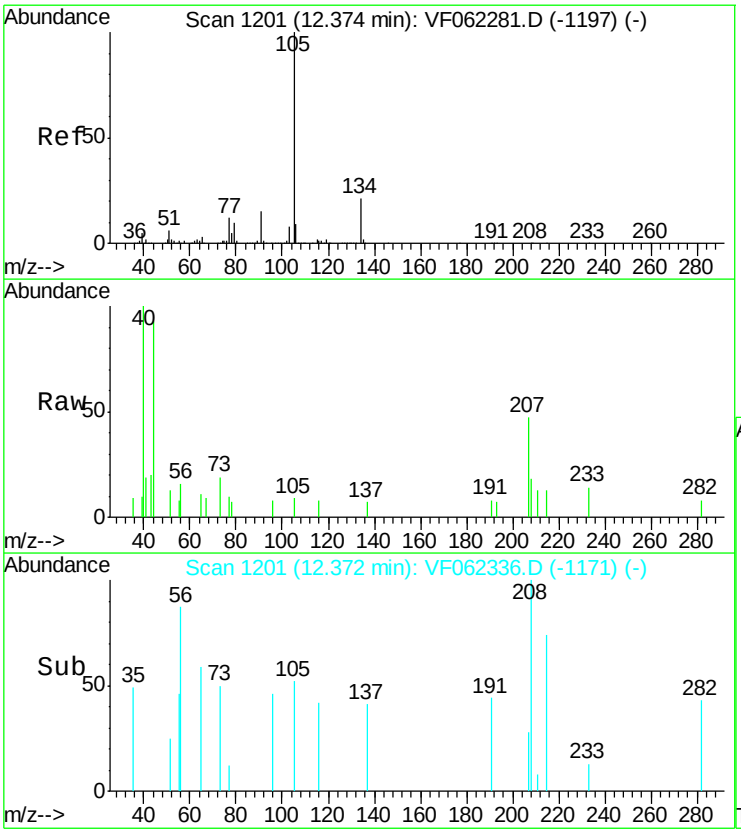
#84
1,2,4-Trimethylbenzene
Concen: 22.314 ug/l
RT: 12.28 min Scan# 1192
Delta R.T. 0.01 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion:105 Resp: 75

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.1	72.2#

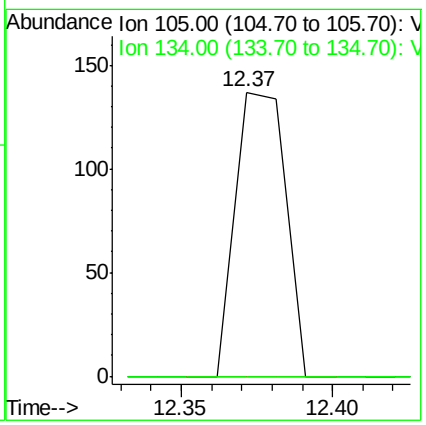


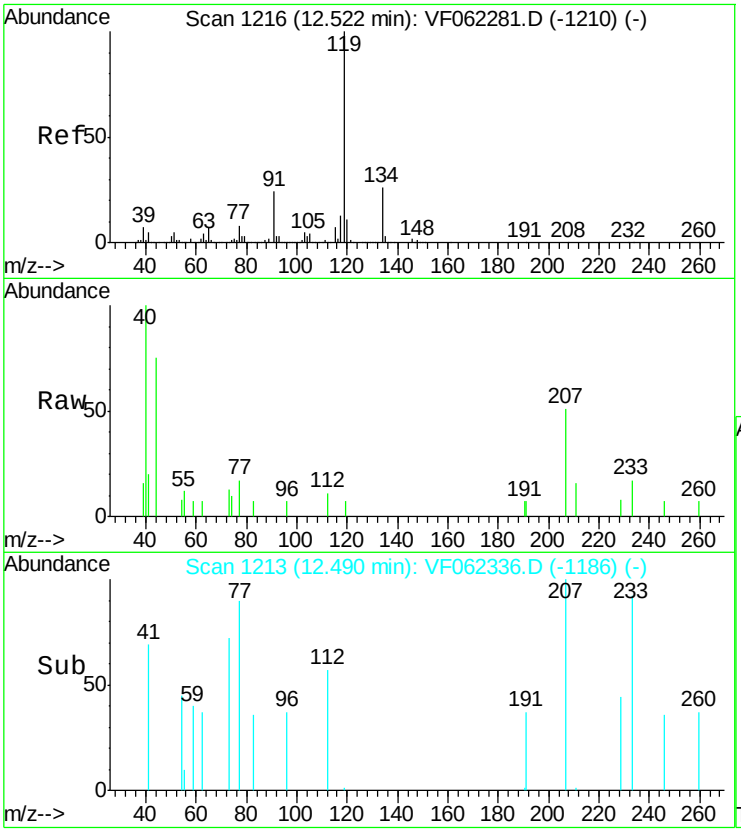


#85
sec-Butylbenzene
Concen: 36.069 ug/l
RT: 12.37 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion:105 Resp: 160

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.2	30.4#



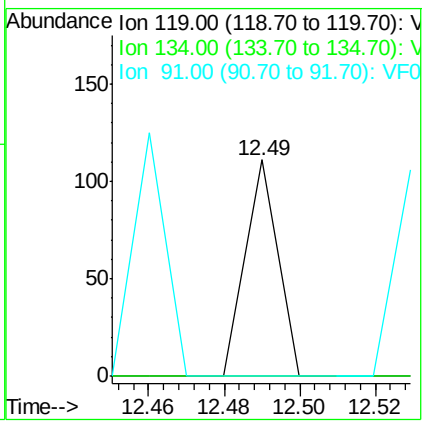


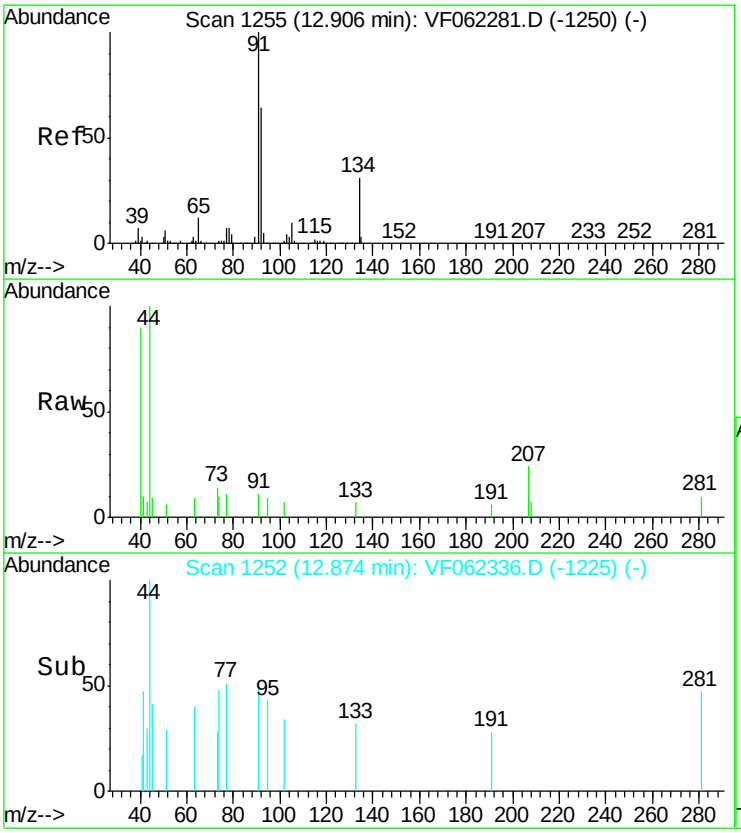
#86
p-Isopropyltoluene
Concen: 16.595 ug/l
RT: 12.49 min Scan# 1213
Delta R.T. -0.03 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion:119 Resp: 66

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.2	39.5#
91	0.0	11.6	34.7#

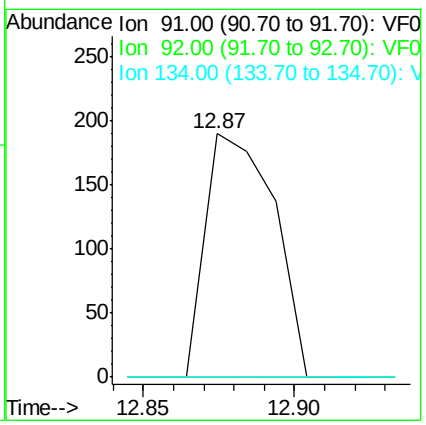


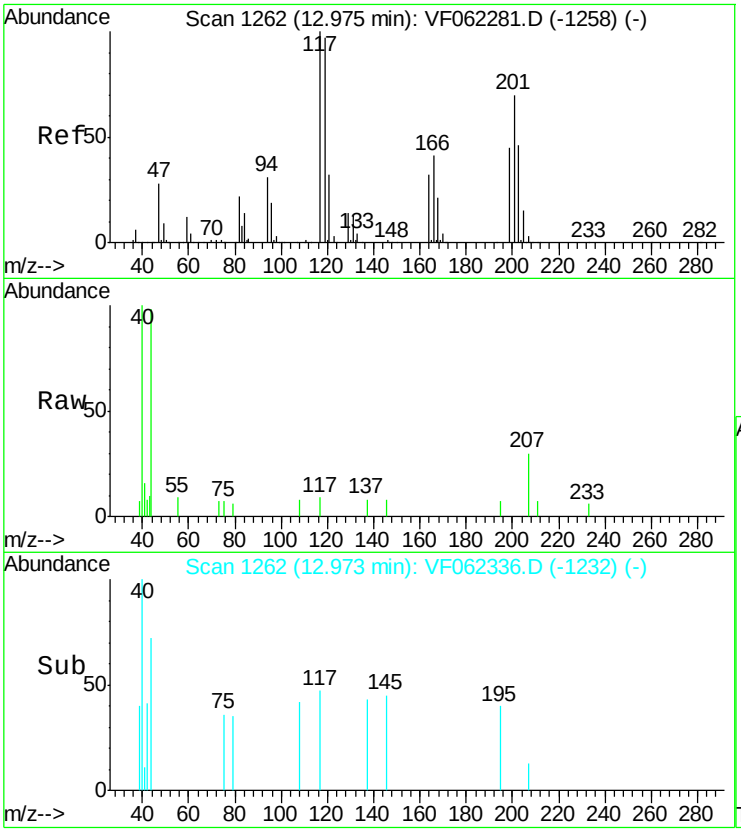


#89
n-Butylbenzene
Concen: 82.188 ug/l
RT: 12.87 min Scan# 1252
Delta R.T. -0.03 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 91 Resp: 297

Ion	Ratio	Lower	Upper
91	100		
92	0.0	31.1	93.3#
134	0.0	14.4	43.4#



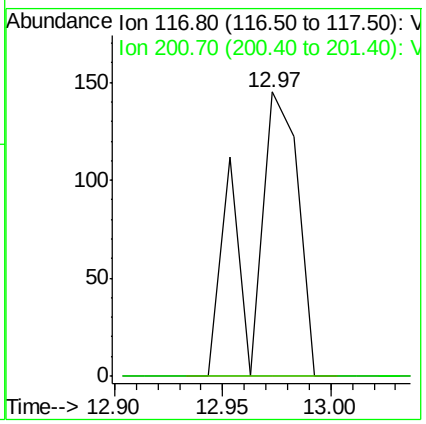


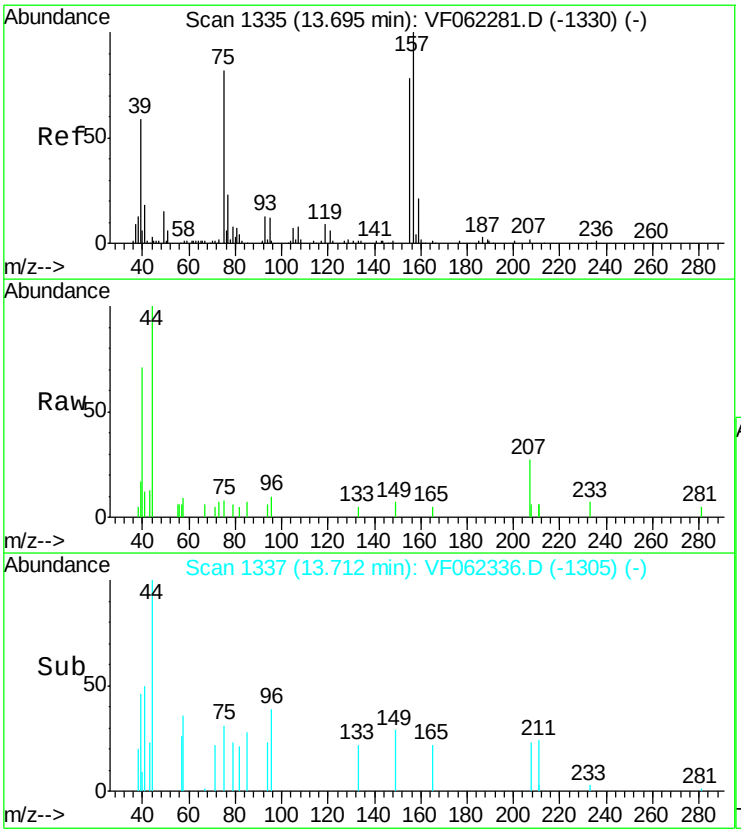
#90
Hexachloroethane
Concen: 224.690 ug/l
RT: 12.97 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-1

Tgt Ion:117 Resp: 224

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.9	128.5#

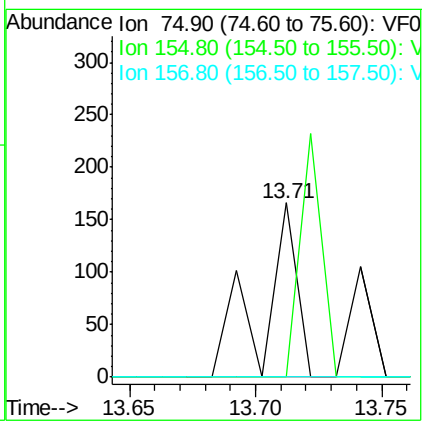


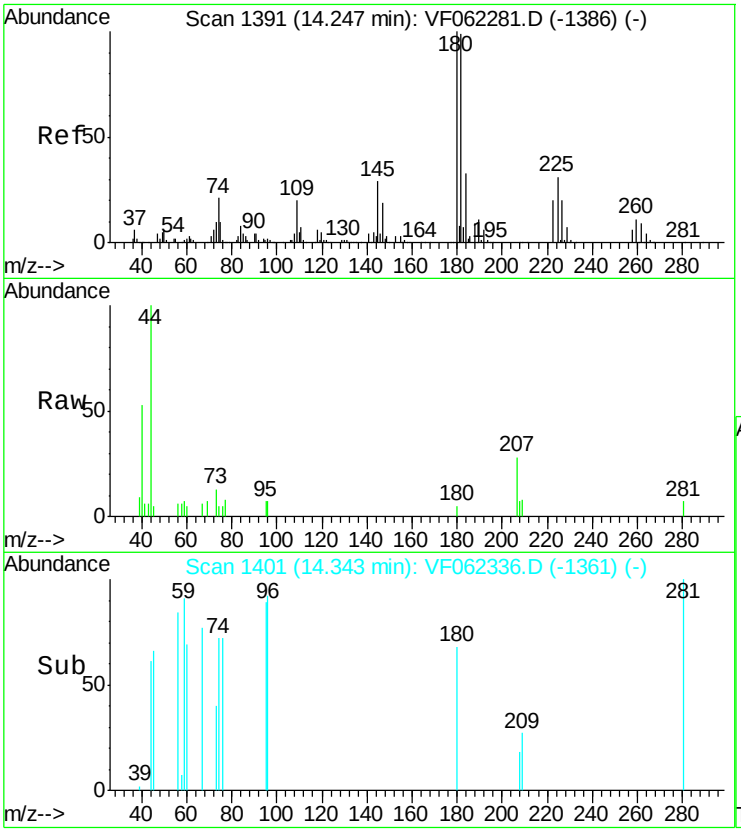


#92
1,2-Dibromo-3-Chloropropane
Concen: 1199.185 ug/l
RT: 13.71 min Scan# 1337
Delta R.T. 0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 75 Resp: 158

Ion	Ratio	Lower	Upper
75	100		
155	86.7	51.7	155.2
157	0.0	64.5	193.5#



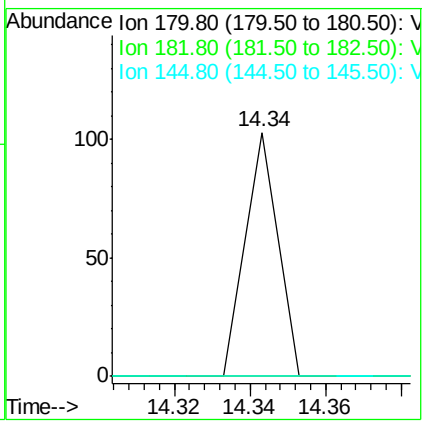


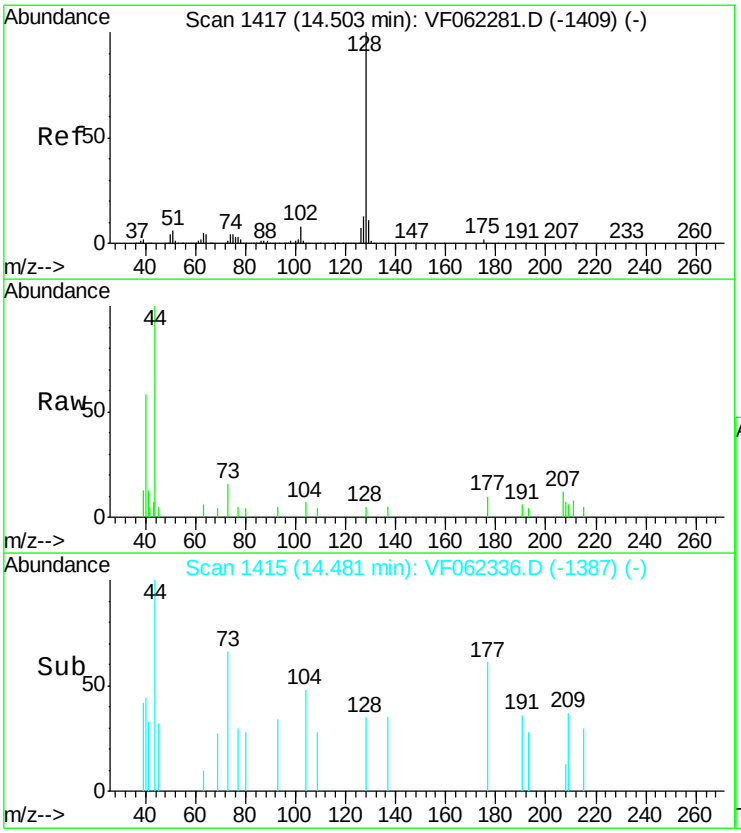
#93
1,2,4-Trichlorobenzene
Concen: 39.786 ug/l
RT: 14.34 min Scan# 1401
Delta R.T. 0.10 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Instrument : MSVOA_F
ClientSampleId : SP-1

Tgt Ion:180 Resp: 61

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.5	145.6#
145	0.0	16.7	50.1#





#95
Naphthalene
Concen: 34.522 ug/l
RT: 14.48 min Scan# 1415
Delta R.T. -0.02 min
Lab File: VF062336.D
Acq: 30 Apr 2019 16:27

Tgt Ion:128 Resp: 82

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	73.2	8.9	13.3#