Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060743.D
Acq On : 15 Nov 2018 13:29
Operator : VA/AP
Sample : J5925-05
Misc : 17.98g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Quant Time: Nov 15 13:58:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.83	168	5778	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.56	114	6559	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.74	117	2478	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.55	152	1847	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	1035	15.70	ug/l	-0.04
Spiked Amount 50.000			Recovery = 31.40%			
35) Dibromofluoromethane	4.07	113	2033	41.23	ug/l	-0.06
Spiked Amount 50.000			Recovery = 82.46%			
50) Toluene-d8	7.53	98	5541	43.30	ug/l	-0.05
Spiked Amount 50.000			Recovery = 86.60%			
62) 4-Bromofluorobenzene	11.23	95	4508	79.66	ug/l	-0.18
Spiked Amount 50.000			Recovery = 159.32%			
Target Compounds						Qvalue
5) Bromomethane	1.28	94	126	3.46	ug/l #	73
6) Chloroethane	1.35	64	66	2.94	ug/l #	44
12) 1,1-Dichloroethene	1.73	96	66	1.40	ug/l #	1
13) Acrolein	2.00	56	199	72.56	ug/l #	14
14) Allyl chloride	2.05	41	296	3.58	ug/l #	88
15) Acrylonitrile	2.79	53	83	12.99	ug/l #	15
16) Acetone	2.23	43	332	23.57	ug/l #	65
18) Methyl Acetate	2.36	43	600	25.94	ug/l #	64
20) Methylene Chloride	2.15	84	859	16.43	ug/l #	29
21) trans-1,2-Dichloroethene	2.18	96	67	1.36	ug/l #	1
22) Diisopropyl ether	2.75	45	214	1.34	ug/l #	4
23) Vinyl Acetate	3.19	43	745	9.92	ug/l #	77
25) 2-Butanone	4.28	43	199	8.59	ug/l #	56
28) Bromochloromethane	3.76	49	82	1.63	ug/l #	12
29) Tetrahydrofuran	4.08	42	86	9.00	ug/l #	1
31) Cyclohexane	3.68	56	1883	16.07	ug/l #	56
37) Ethyl Acetate	4.08	43	1113	39.36	ug/l #	1
39) Methylcyclohexane	5.42	83	14802	167.73	ug/l	88
41) Methacrylonitrile	4.74	41	884	59.45	ug/l #	26
42) 1,2-Dichloroethane	4.87	62	63	1.08	ug/l	77
43) Isopropyl Acetate	7.00	43	3092	82.46	ug/l #	79
45) 1,2-Dichloropropane	6.31	63	68	1.54	ug/l #	44
46) Dibromomethane	6.10	93	60	2.06	ug/l #	4
47) Bromodichloromethane	6.29	83	160	2.15	ug/l #	24
48) Methyl methacrylate	6.63	41	2724	109.77	ug/l #	72
49) 1,4-Dioxane	6.62	88	90	387.78	ug/l #	1
51) 4-Methyl-2-Pentanone	8.25	43	25221	930.00	ug/l #	47
54) cis-1,3-Dichloropropene	7.26	75	83	1.07	ug/l #	1
55) 1,1,2-Trichloroethane	8.48	97	229	7.05	ug/l #	10
56) Ethyl methacrylate	8.59	69	38436	1042.41	ug/l #	78
57) 1,3-Dichloropropane	8.85	76	60	1.07	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.55	63	188	55.82	ug/l	100
59) 2-Hexanone	9.39	43	3361	176.35	ug/l #	28
65) Chlorobenzene	9.73	112	235	4.70	ug/l #	42

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060743.D
Acq On : 15 Nov 2018 13:29
Operator : VA/AP
Sample : J5925-05
Misc : 17.98g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Quant Time: Nov 15 13:58:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
66) 1,1,1,2-Tetrachloroethane	9.79	131	65	2.98	ug/l	#	8
67) Ethyl Benzene	9.90	91	218	2.31	ug/l	#	45
68) m/p-Xylenes	10.17	106	178	5.28	ug/l		82
69) o-Xylene	10.68	106	67	1.77	ug/l		98
70) Styrene	10.67	104	65	1.26	ug/l	#	1
73) Isopropylbenzene	11.11	105	16615	111.76	ug/l		100
74) N-amyl acetate	11.37	43	6133	181.21	ug/l	#	46
75) 1,1,2,2-Tetrachloroethane	11.75	83	1720	69.98	ug/l	#	68
76) 1,2,3-Trichloropropane	11.85	75	72	3.94	ug/l	#	1
78) n-propylbenzene	11.58	91	24865	143.40	ug/l		96
79) 2-Chlorotoluene	11.74	91	1023	10.15	ug/l		84
81) trans-1,4-Dichloro-2-buten	11.90	75	62	6.91	ug/l	#	1
82) 4-Chlorotoluene	11.92	91	1371	13.28	ug/l		99
83) tert-Butylbenzene	12.11	119	2040	16.28	ug/l		72
84) 1,2,4-Trimethylbenzene	12.29	105	41050	336.28	ug/l	#	28
85) sec-Butylbenzene	12.29	105	41045	241.44	ug/l		96
87) 1,3-Dichlorobenzene	12.49	146	72	1.17	ug/l	#	1
88) 1,4-Dichlorobenzene	12.49	146	72	1.22	ug/l	#	1
89) n-Butylbenzene	12.83	91	6965	48.07	ug/l		89
90) Hexachloroethane	12.91	117	537	15.46	ug/l	#	21
91) 1,2-Dichlorobenzene	12.83	146	555	9.57	ug/l	#	1
92) 1,2-Dibromo-3-Chloropropan	13.59	75	190	41.13	ug/l	#	7
93) 1,2,4-Trichlorobenzene	14.22	180	397	9.53	ug/l	#	71
94) Hexachlorobutadiene	14.20	225	147	5.40	ug/l	#	40
95) Naphthalene	14.51	128	921	12.11	ug/l	#	69
96) 1,2,3-Trichlorobenzene	14.71	180	227	5.89	ug/l		76

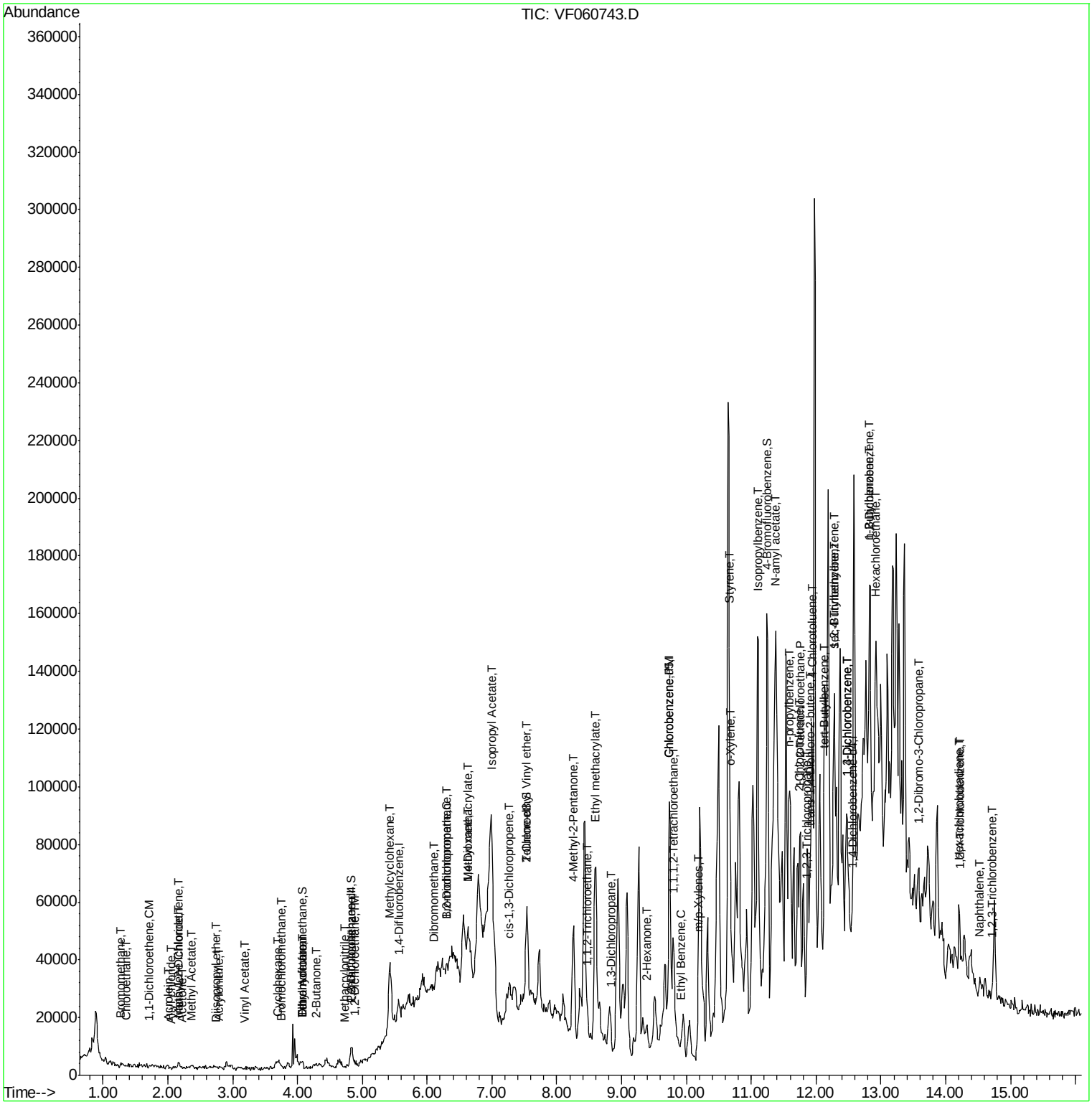
(#) = qualifier out of range (m) = manual integration (+) = signals summed

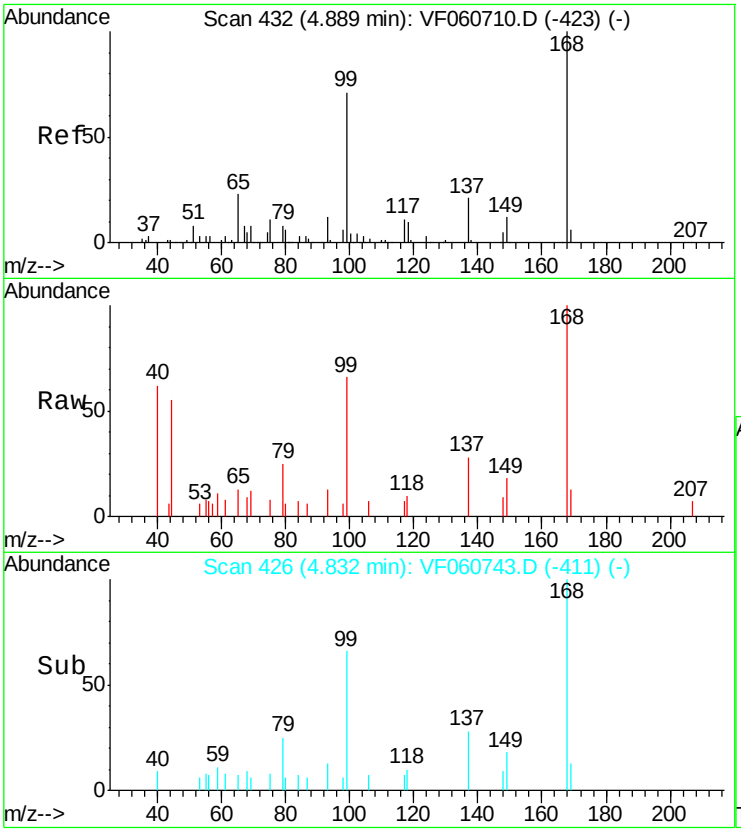
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060743.D
Acq On : 15 Nov 2018 13:29
Operator : VA/AP
Sample : J5925-05
Misc : 17.98g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Quant Time: Nov 15 13:58:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration



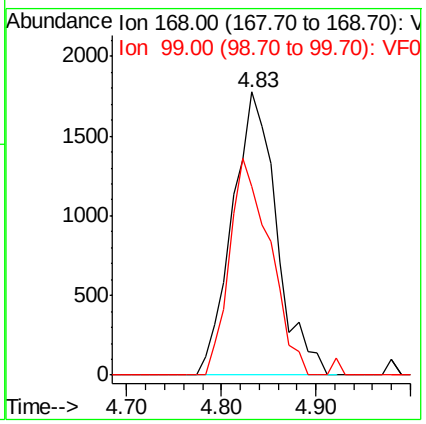


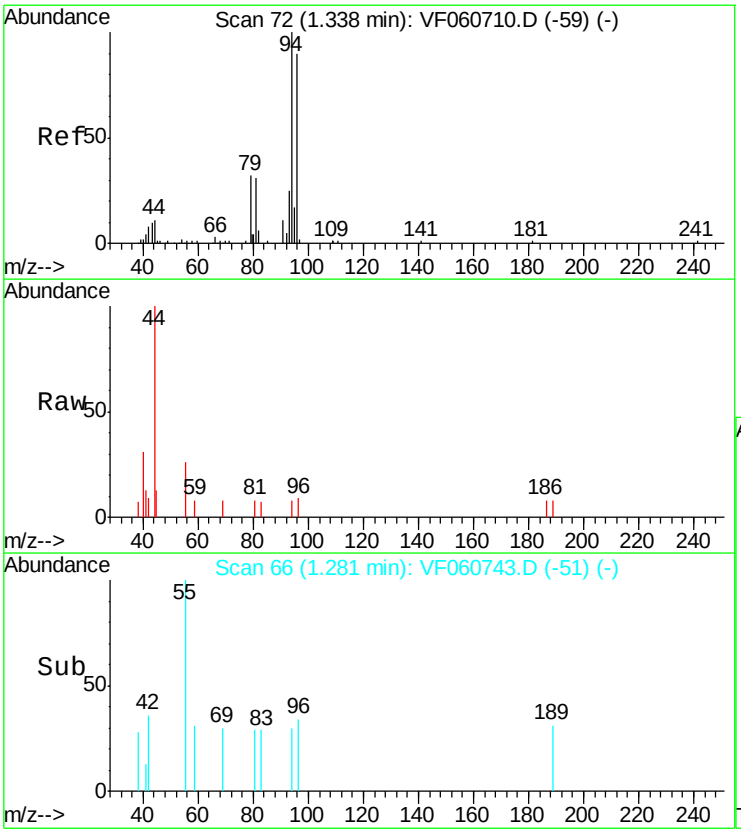
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.06 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion:168 Resp: 5778

Ion	Ratio	Lower	Upper
168	100		
99	66.5	57.2	85.8

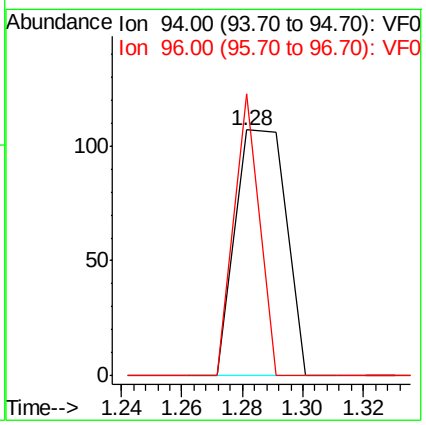


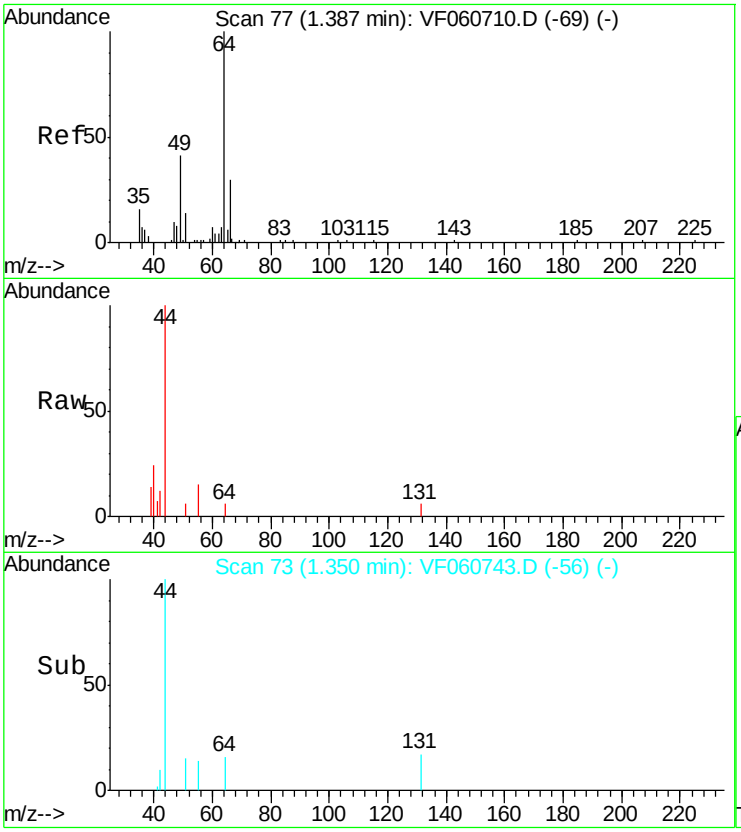


#5
Bromomethane
Concen: 3.46 ug/l
RT: 1.28 min Scan# 66
Delta R.T. -0.06 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 94 Resp: 126

Ion	Ratio	Lower	Upper
94	100		
96	115.0	71.9	107.9#



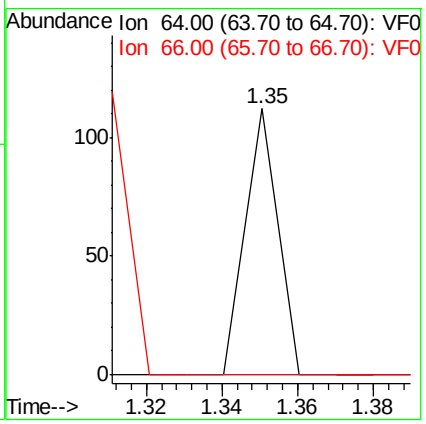


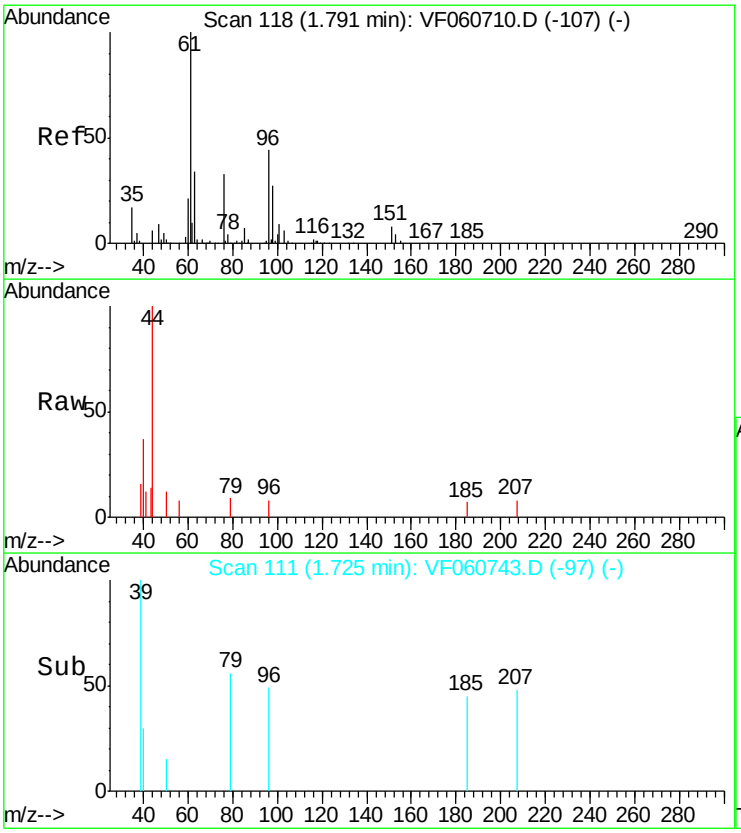
#6
Chloroethane
Concen: 2.94 ug/l
RT: 1.35 min Scan# 73
Delta R.T. -0.04 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 64 Resp: 66

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#

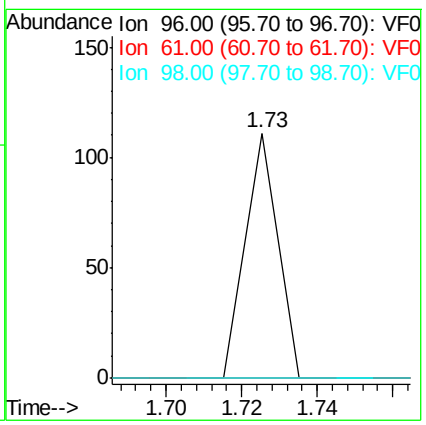


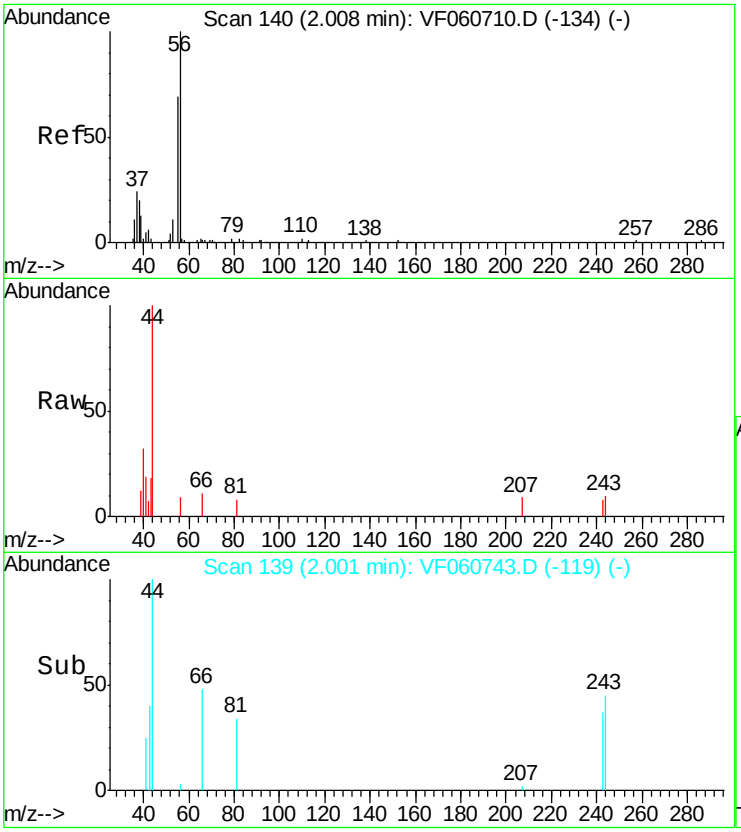


#12
1,1-Dichloroethene
Concen: 1.40 ug/l
RT: 1.73 min Scan# 111
Delta R.T. -0.07 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 96 Resp: 66

Ion	Ratio	Lower	Upper
96	100		
61	0.0	182.2	273.2#
98	0.0	49.2	73.8#



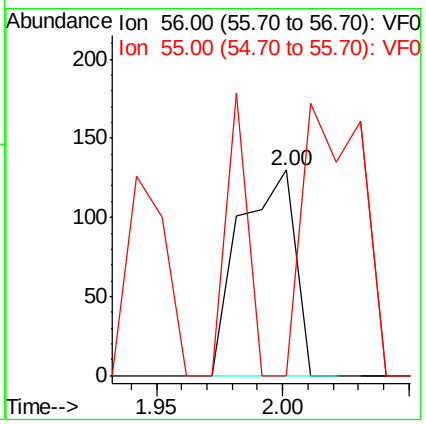


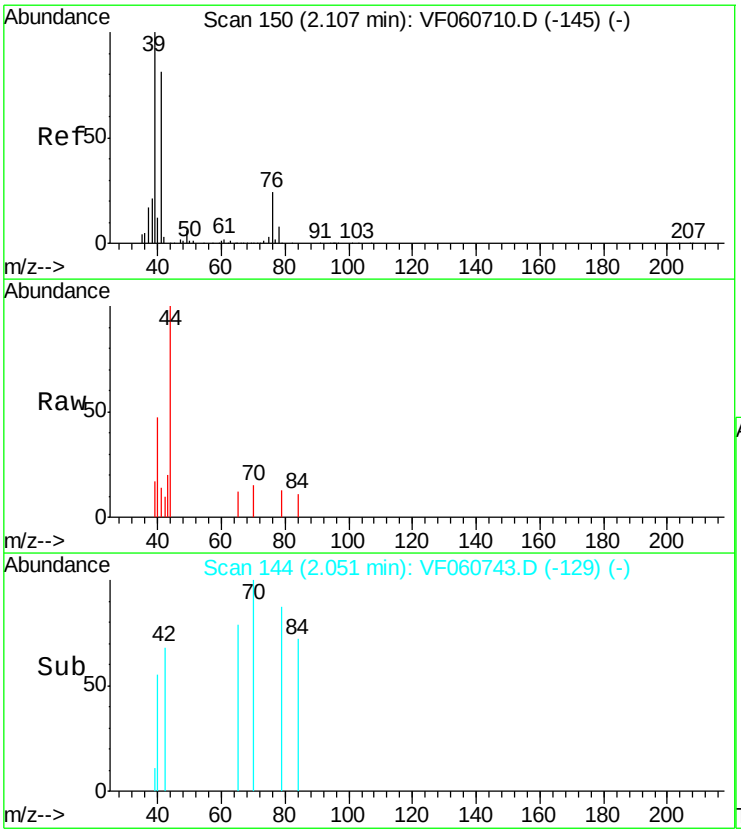
#13
Acrolein
Concen: 72.56 ug/l
RT: 2.00 min Scan# 139
Delta R.T. -0.01 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 56 Resp: 199

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	85.0#

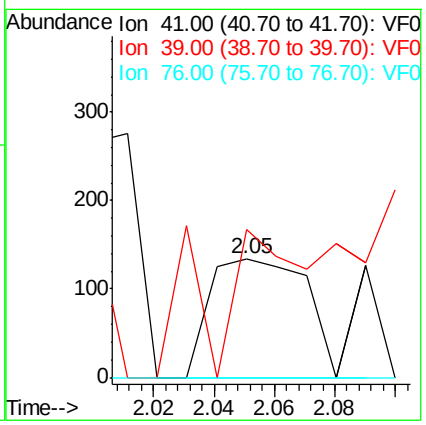


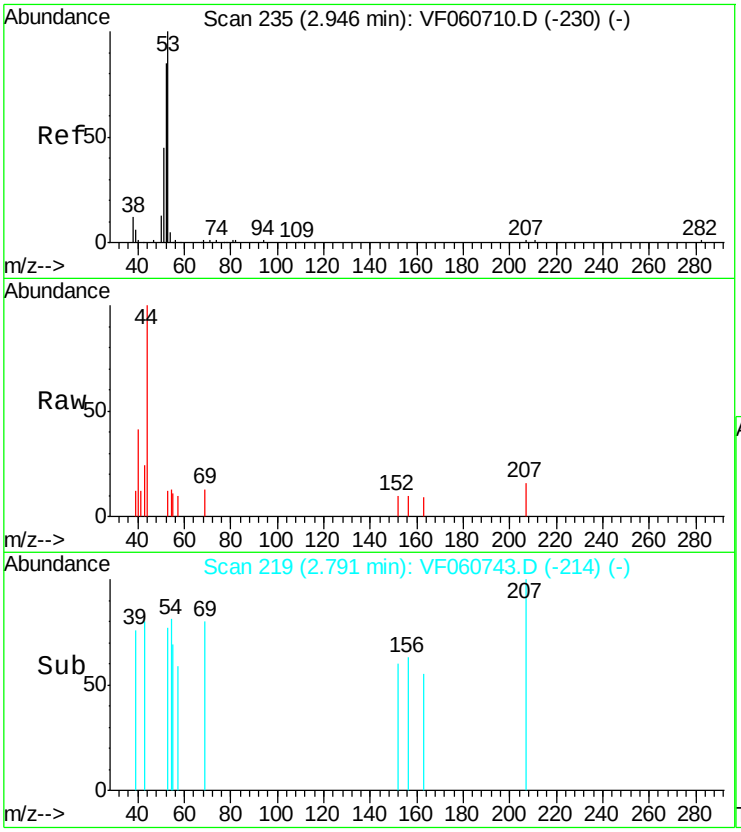


#14
Allyl chloride
Concen: 3.58 ug/l
RT: 2.05 min Scan# 144
Delta R.T. -0.06 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 41 Resp: 296

Ion	Ratio	Lower	Upper
41	100		
39	124.6	98.5	147.7
76	0.0	24.5	36.7#



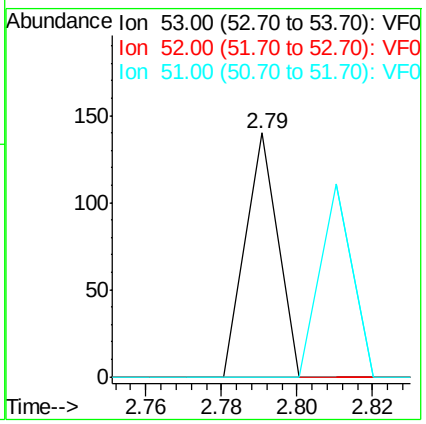


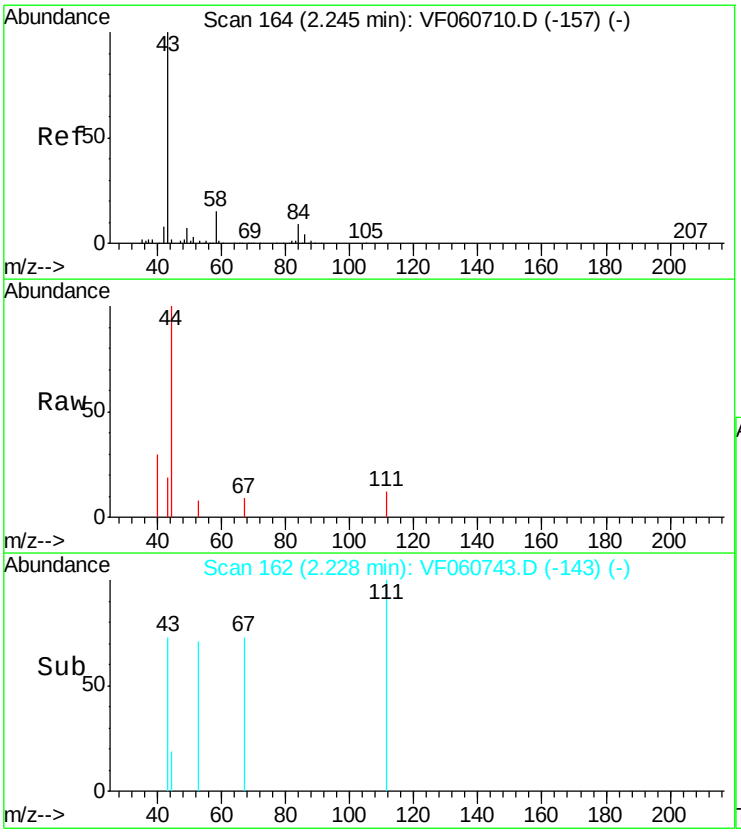
#15
Acrylonitrile
Concen: 12.99 ug/l
RT: 2.79 min Scan# 219
Delta R.T. -0.15 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 53 Resp: 83

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.8	103.2#
51	0.0	36.7	55.1#

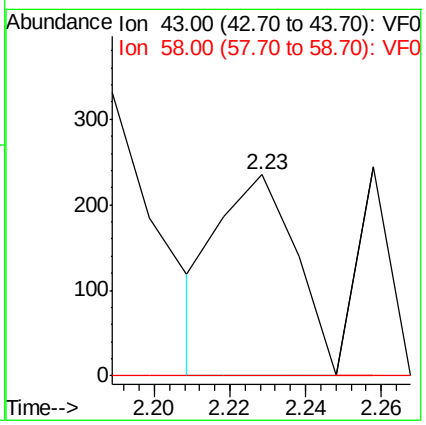


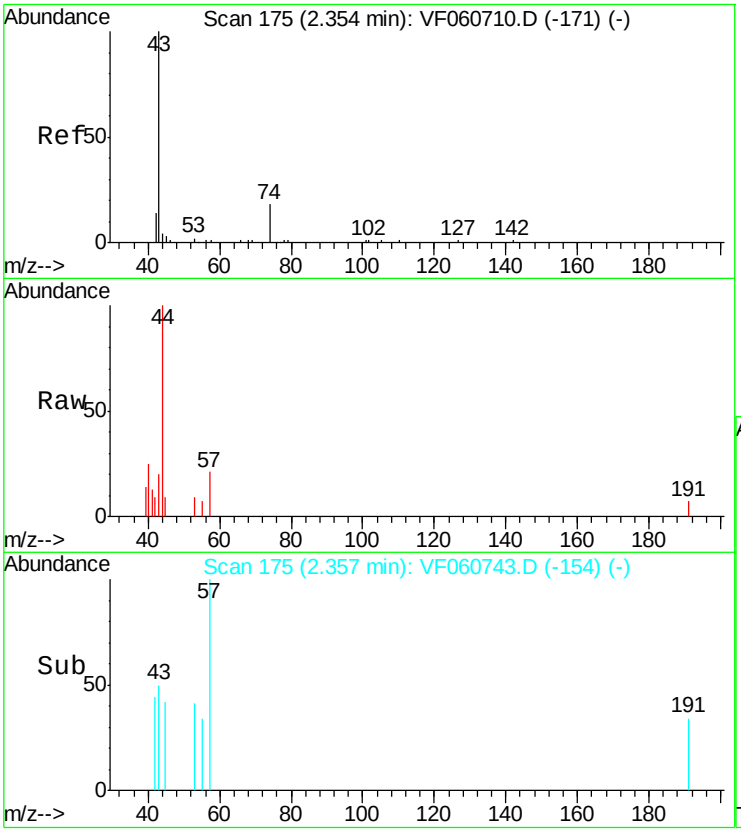


#16
Acetone
Concen: 23.57 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.02 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 43 Resp: 332

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.6	17.4#



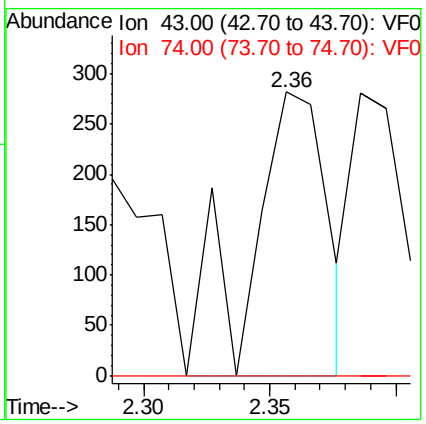


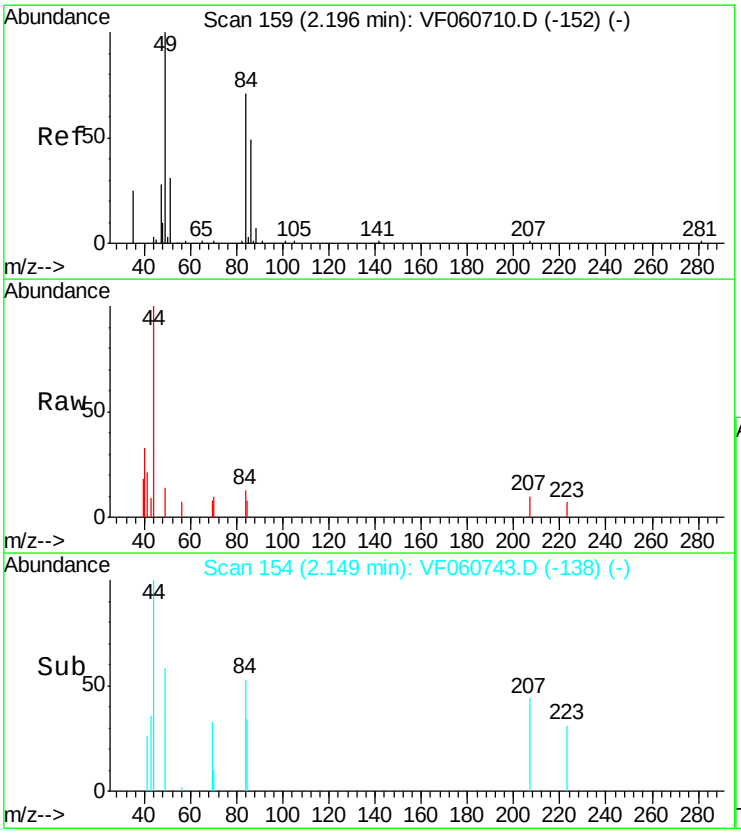
#18
Methyl Acetate
Concen: 25.94 ug/l
RT: 2.36 min Scan# 175
Delta R.T. 0.00 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 43 Resp: 600

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.8	17.8#

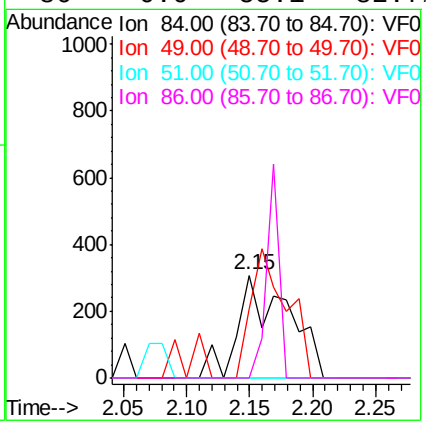


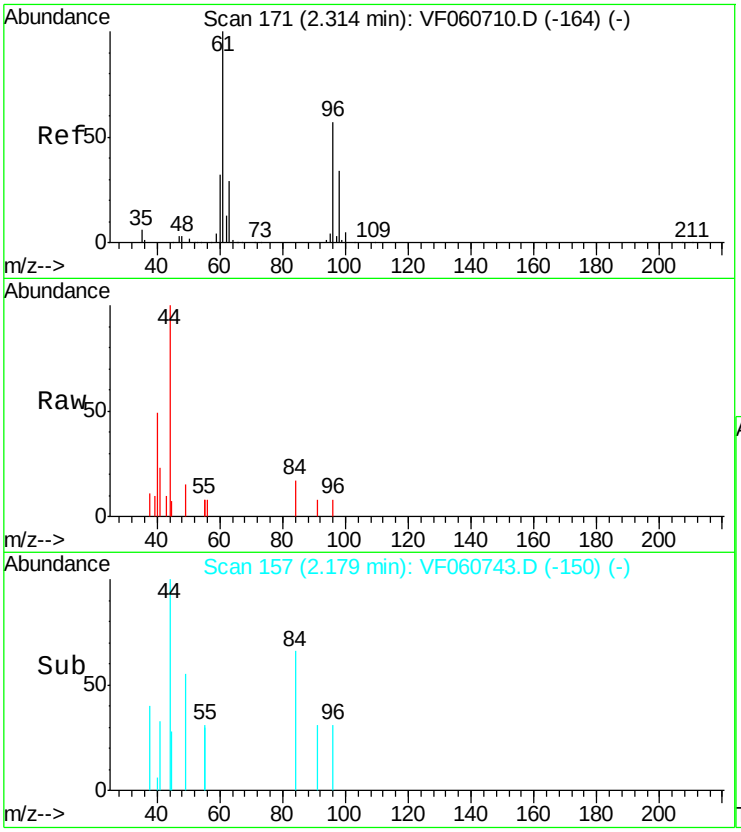


#20
Methylene Chloride
Concen: 16.43 ug/l
RT: 2.15 min Scan# 154
Delta R.T. -0.05 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 84 Resp: 859

Ion	Ratio	Lower	Upper
84	100		
49	67.2	120.2	180.4#
51	0.0	37.2	55.8#
86	0.0	55.1	82.7#



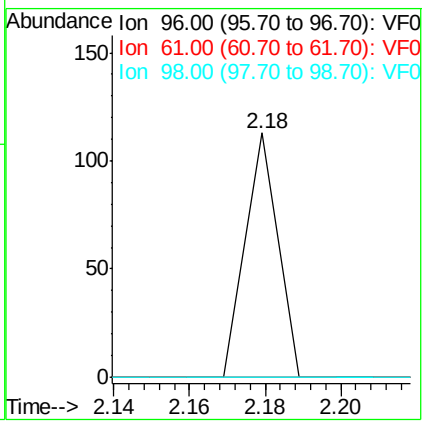


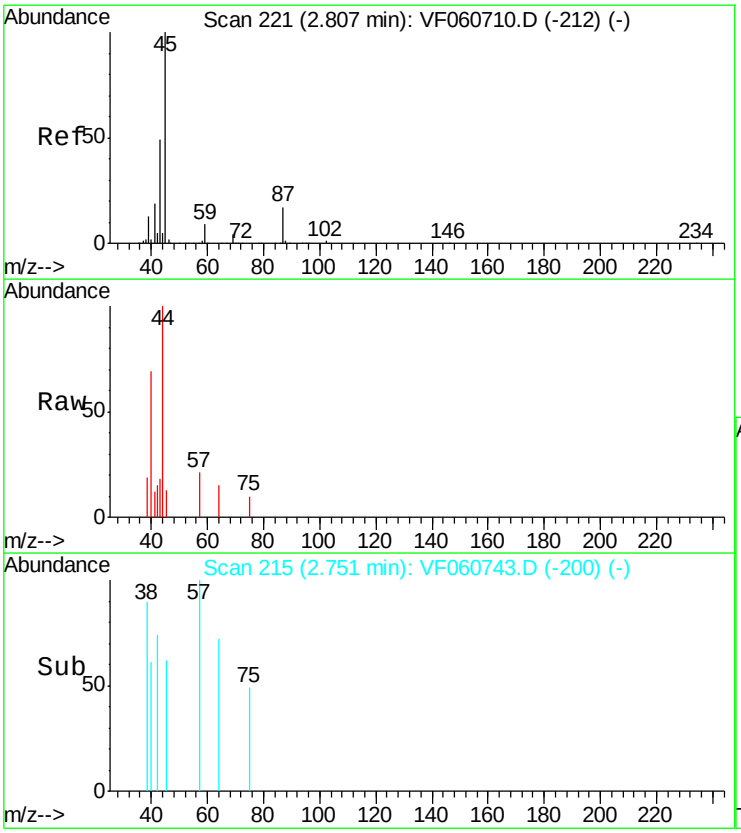
#21
trans-1,2-Dichloroethene
Concen: 1.36 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.14 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion: 96 Resp: 67

Ion	Ratio	Lower	Upper
96	100		
61	0.0	141.6	212.4#
98	0.0	47.4	71.0#

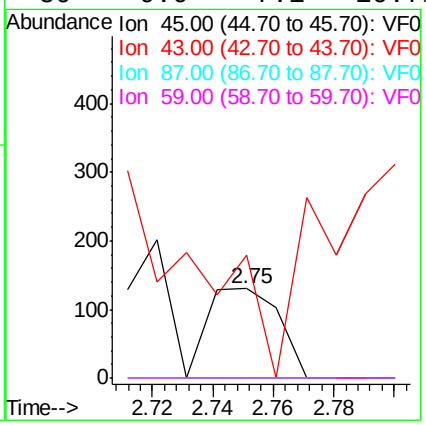


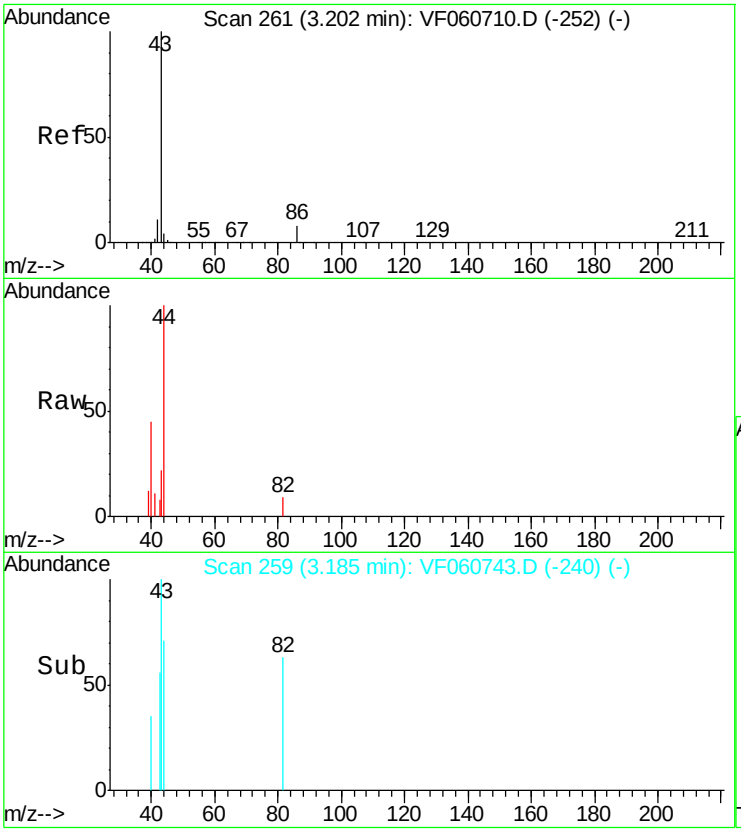


#22
Diisopropyl ether
Concen: 1.34 ug/l
RT: 2.75 min Scan# 215
Delta R.T. -0.06 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 45 Resp: 214

Ion	Ratio	Lower	Upper
45	100		
43	137.7	39.9	59.9#
87	0.0	13.9	20.9#
59	0.0	7.1	10.7#



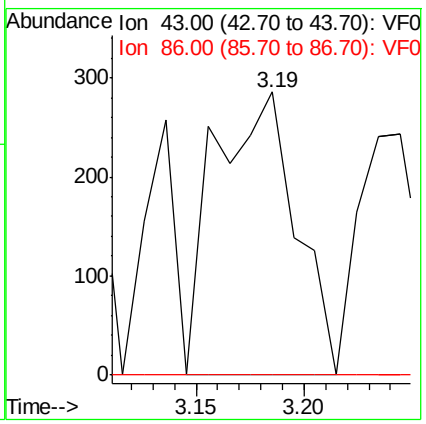


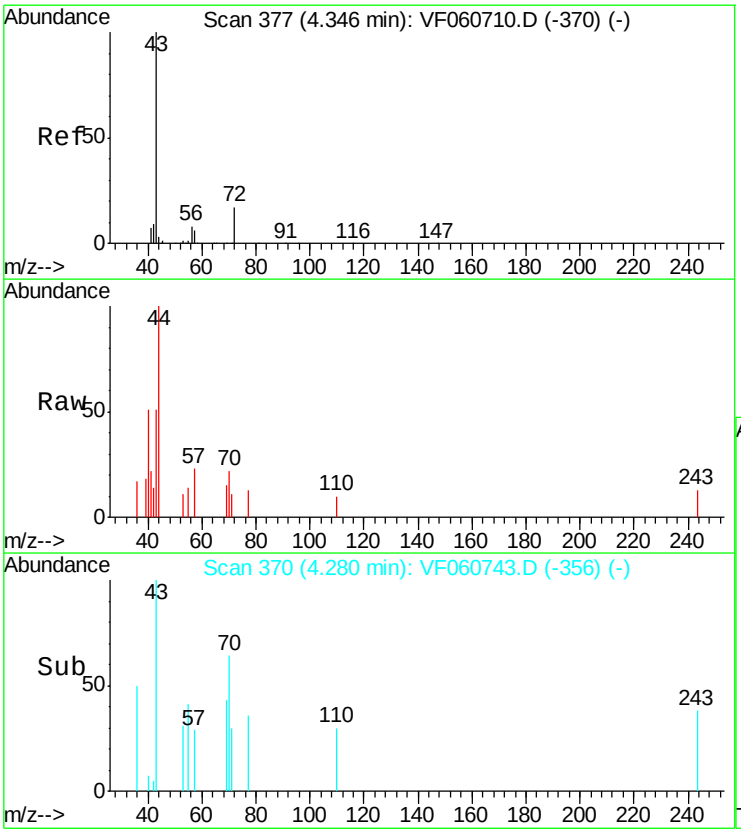
#23
Vinyl Acetate
Concen: 9.92 ug/l
RT: 3.19 min Scan# 259
Delta R.T. -0.02 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 43 Resp: 745

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.4	9.6#

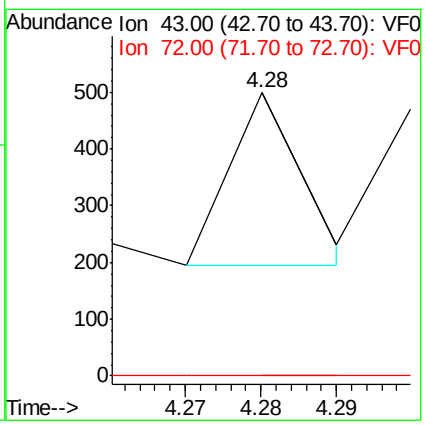


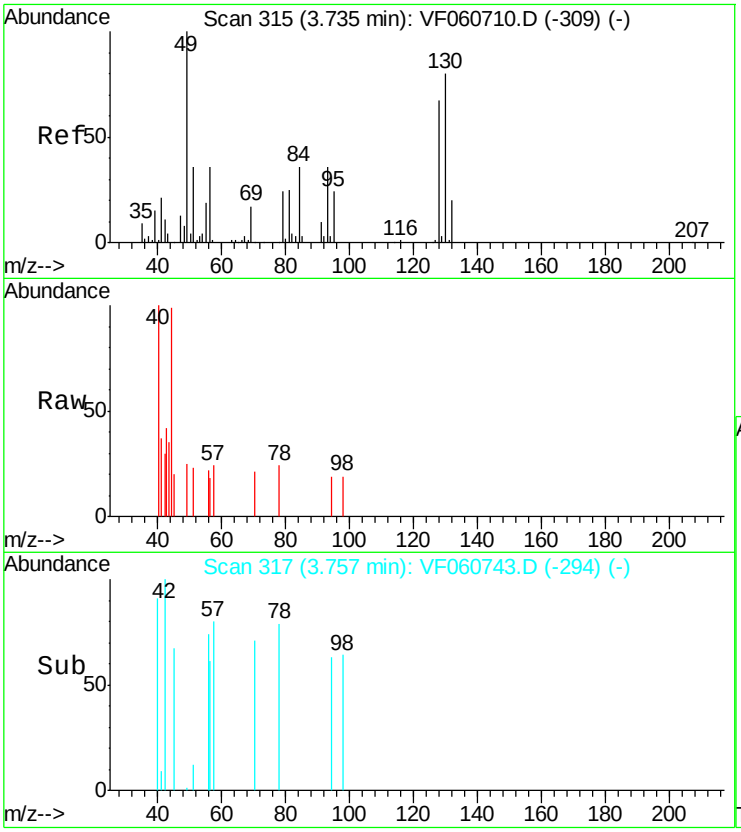


#25
2-Butanone
Concen: 8.59 ug/l
RT: 4.28 min Scan# 370
Delta R.T. -0.07 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 43 Resp: 199

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.1	24.1#



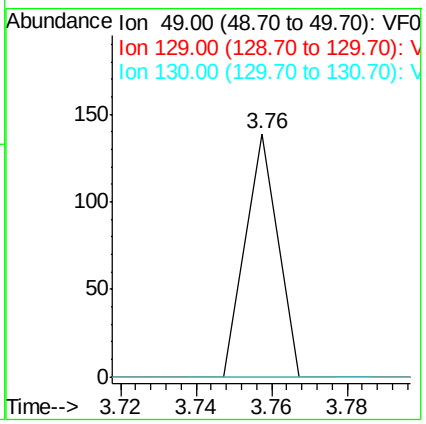


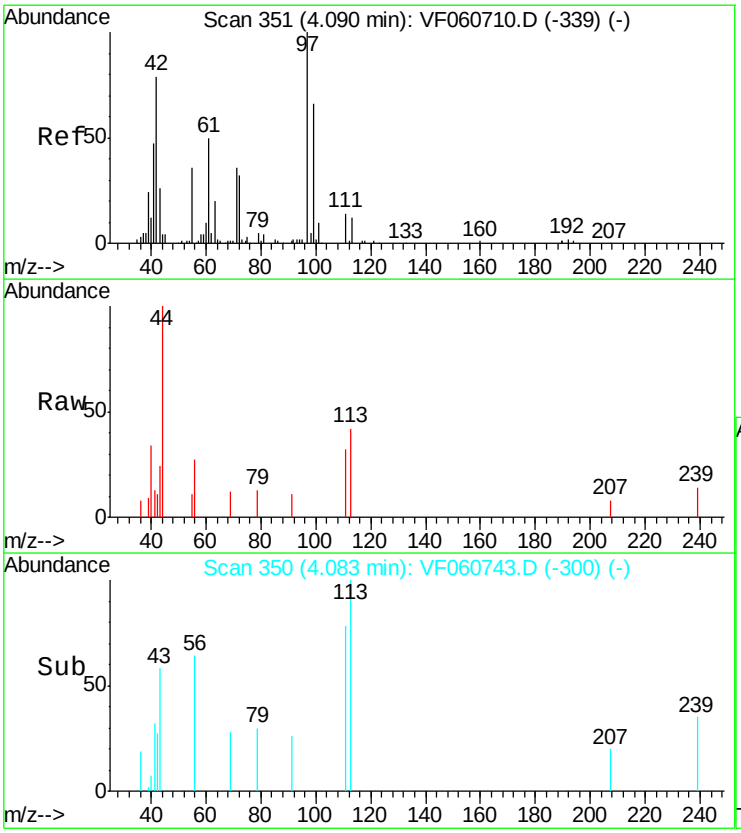
#28
Bromochloromethane
Concen: 1.63 ug/l
RT: 3.76 min Scan# 317
Delta R.T. 0.02 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 49 Resp: 82

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.2
130	0.0	63.9	95.9#

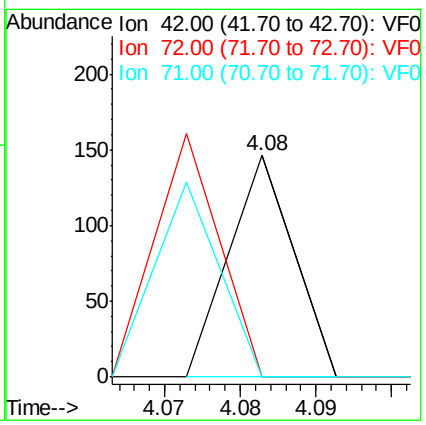


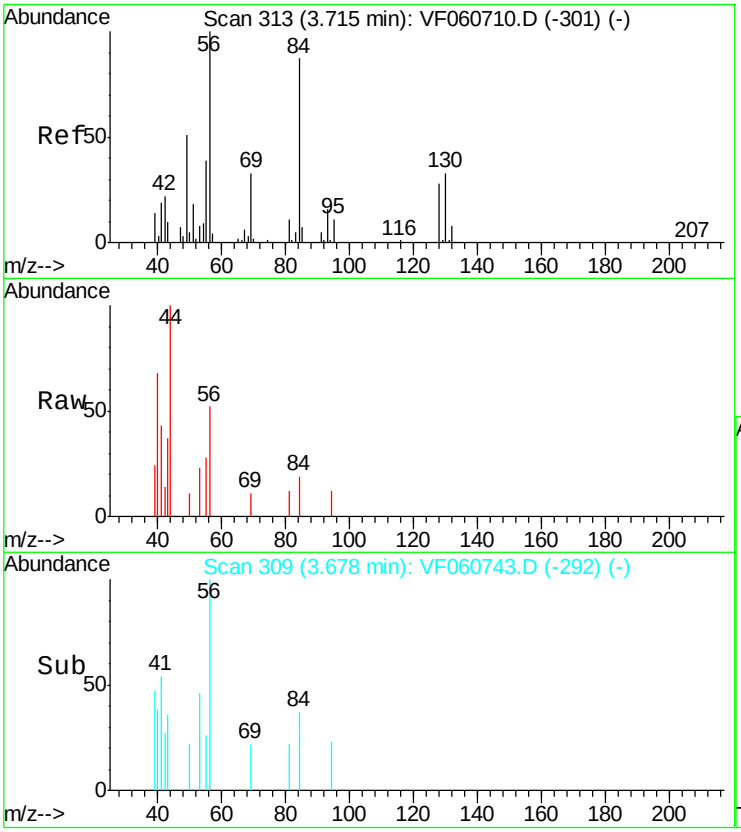


#29
Tetrahydrofuran
Concen: 9.00 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.01 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 42 Resp: 86

Ion	Ratio	Lower	Upper
42	100		
72	110.5	30.3	45.5#
71	88.4	32.2	48.2#



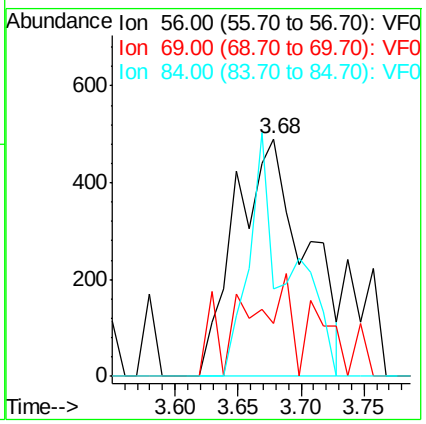


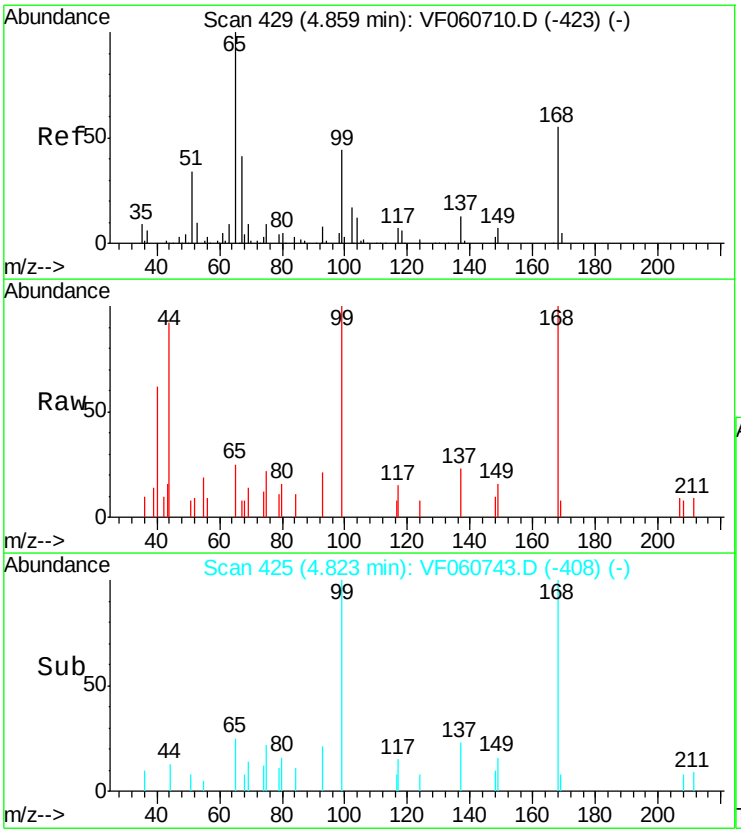
#31
Cyclohexane
Concen: 16.07 ug/l
RT: 3.68 min Scan# 309
Delta R.T. -0.04 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion: 56 Resp: 1883

Ion	Ratio	Lower	Upper
56	100		
69	22.2	26.0	39.0#
84	36.7	69.4	104.2#

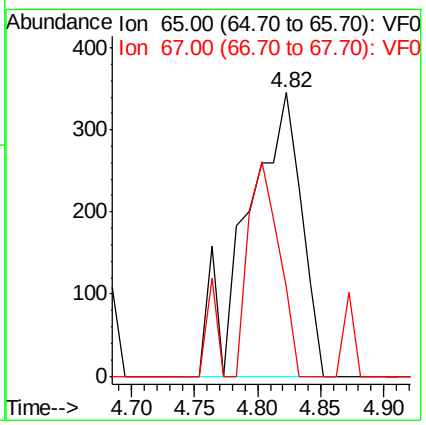


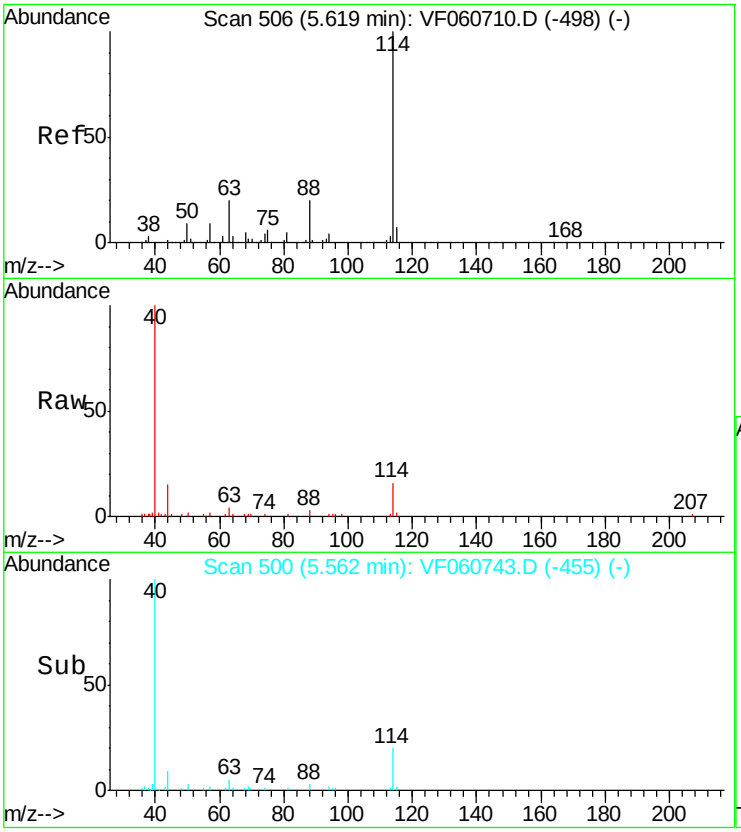


#33
1,2-Dichloroethane-d4
Concen: 15.70 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 65 Resp: 1035

Ion	Ratio	Lower	Upper
65	100		
67	31.3	0.0	90.2



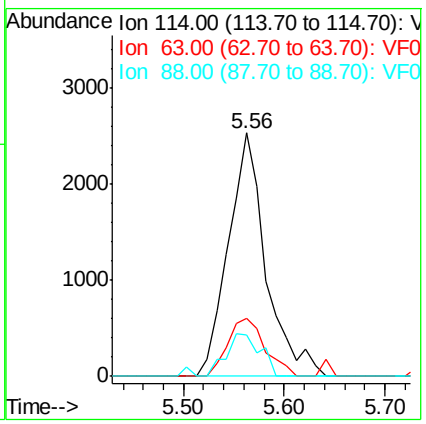


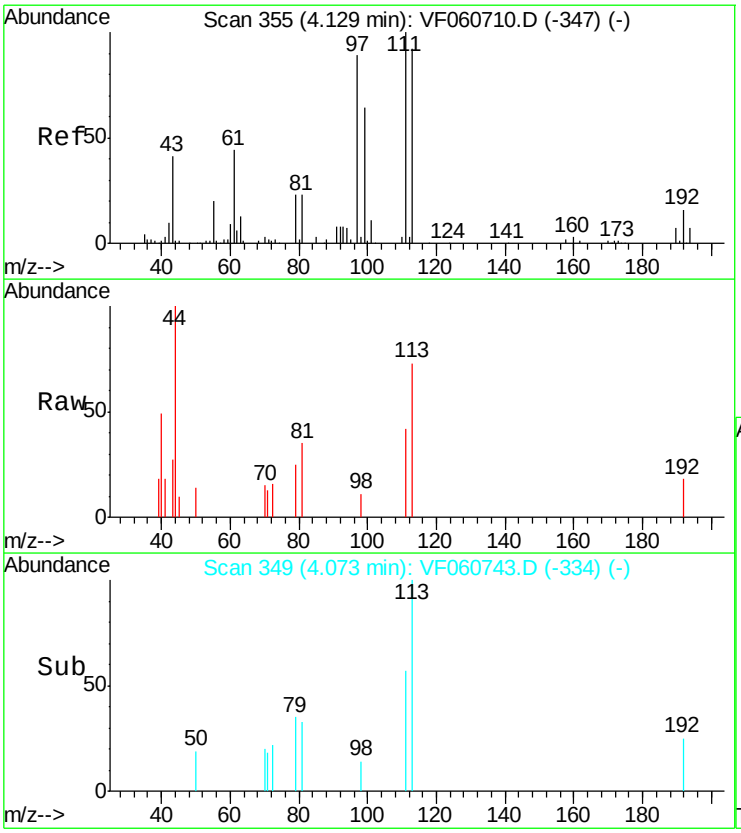
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.56 min Scan# 500
Delta R.T. -0.06 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion:114 Resp: 6559

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	40.8
88	16.8	0.0	39.6

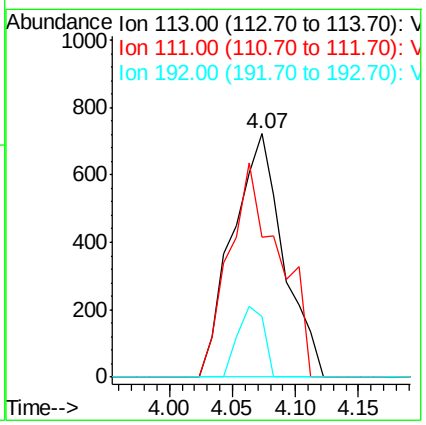


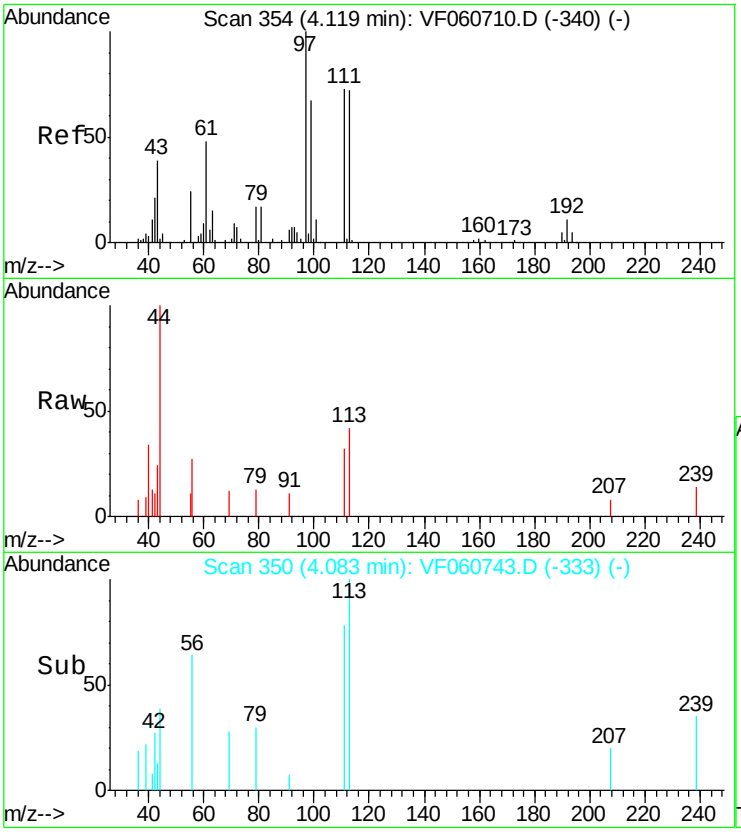


#35
Dibromofluoromethane
Concen: 41.23 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.06 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion:113 Resp: 2033

Ion	Ratio	Lower	Upper
113	100		
111	57.4	87.1	130.7#
192	24.9	13.8	20.6#



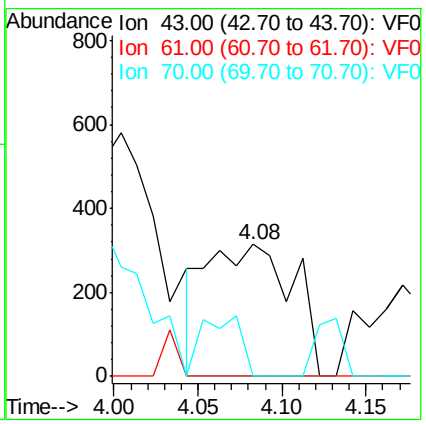


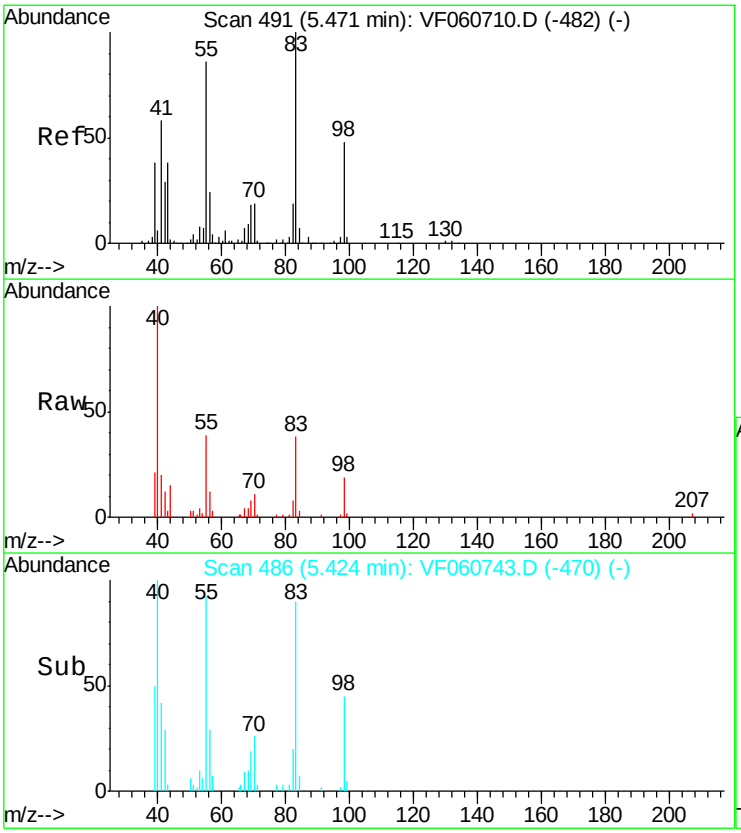
#37
Ethyl Acetate
Concen: 39.36 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.04 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 43 Resp: 1113

Ion	Ratio	Lower	Upper
43	100		
61	0.0	98.5	147.7#
70	0.0	7.4	11.0#

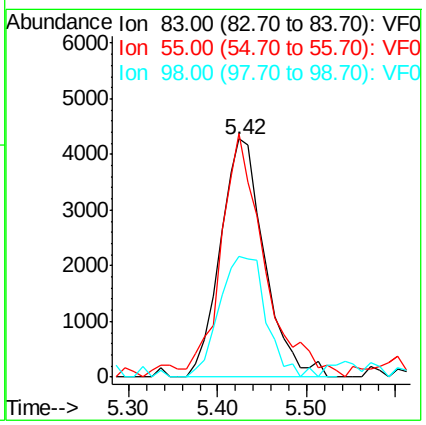


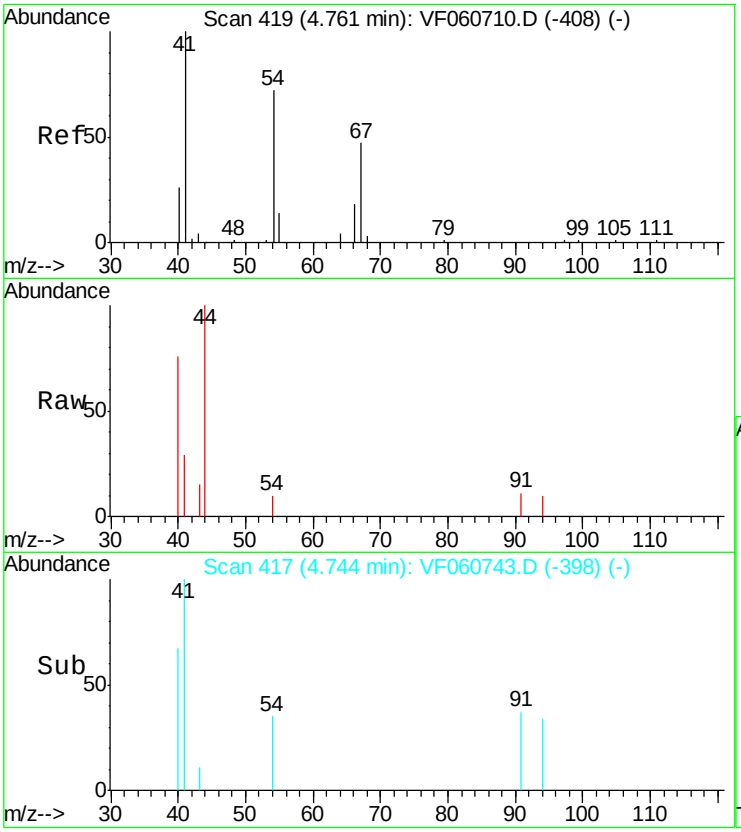


#39
Methylcyclohexane
Concen: 167.73 ug/l
RT: 5.42 min Scan# 486
Delta R.T. -0.05 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 83 Resp: 14802

Ion	Ratio	Lower	Upper
83	100		
55	102.2	69.0	103.4
98	50.5	38.5	57.7



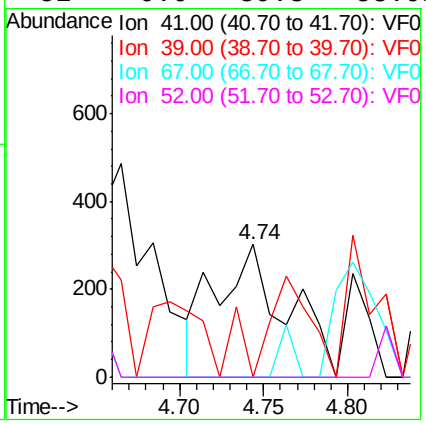


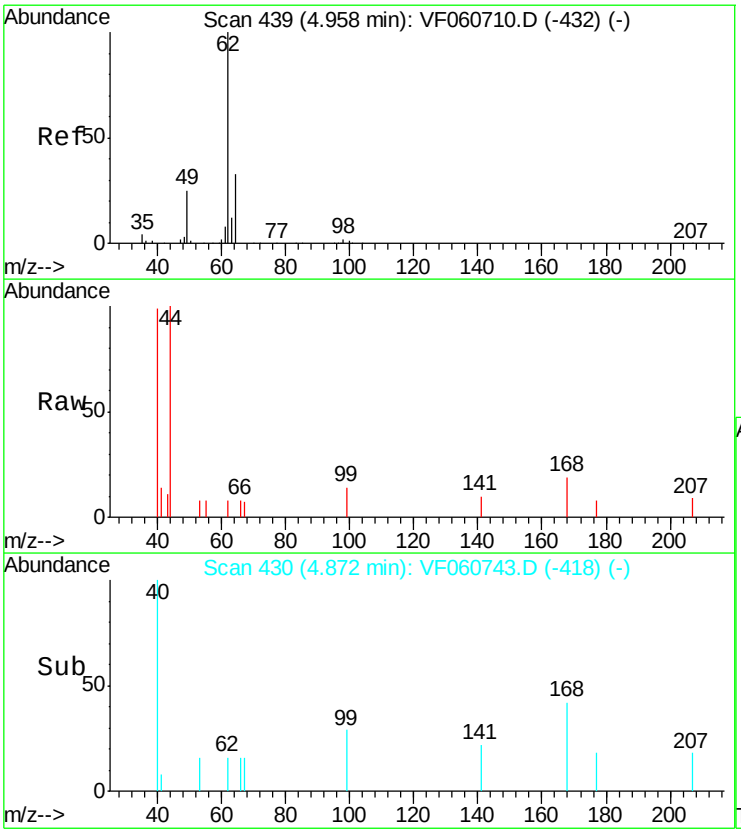
#41
Methacrylonitrile
Concen: 59.45 ug/l
RT: 4.74 min Scan# 417
Delta R.T. -0.02 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 41 Resp: 884

Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.1	70.7#
67	0.0	37.1	55.7#
52	0.0	39.3	58.9#

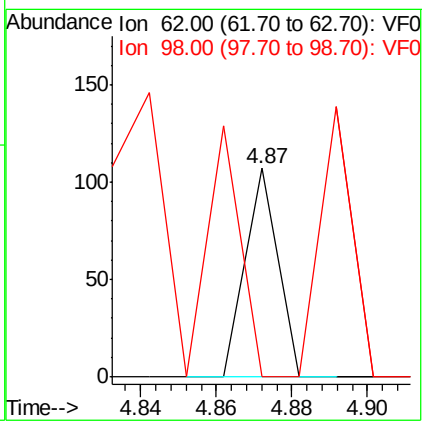


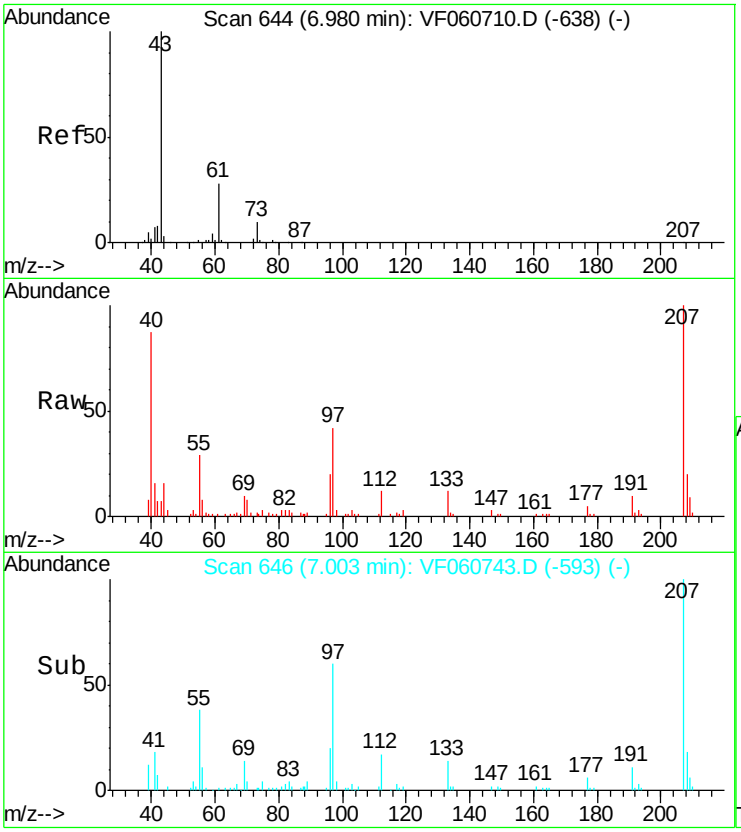


#42
1,2-Dichloroethane
Concen: 1.08 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.09 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 62 Resp: 63

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.6



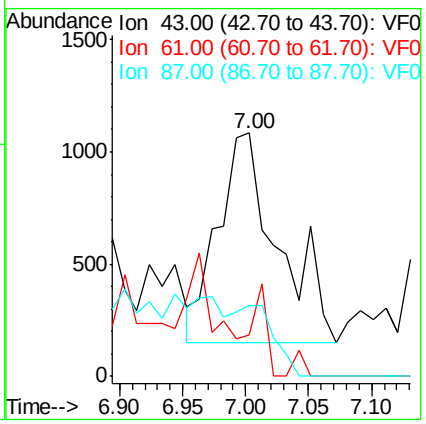


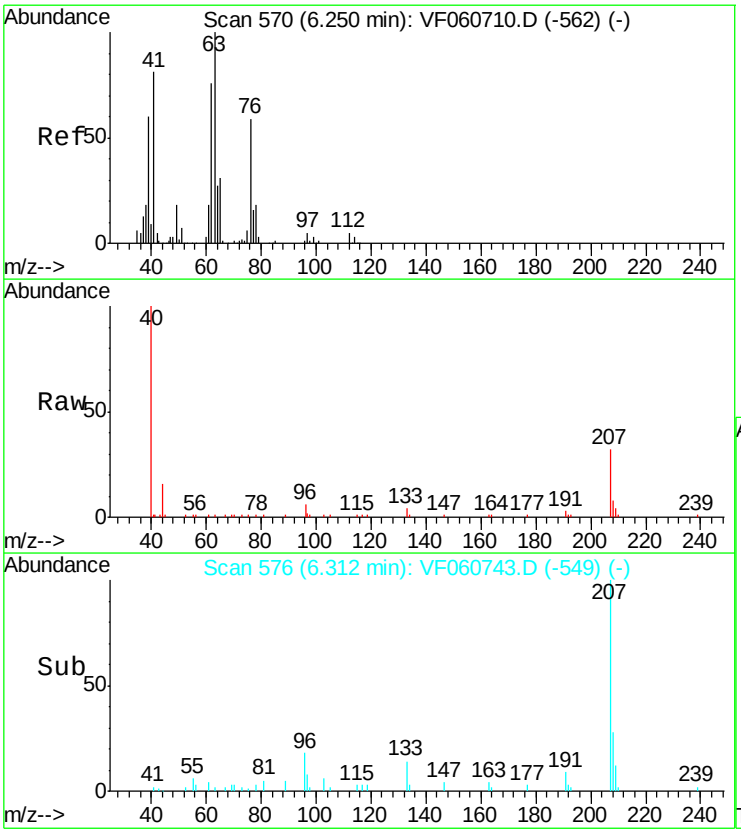
#43
Isopropyl Acetate
Concen: 82.46 ug/l
RT: 7.00 min Scan# 646
Delta R.T. 0.02 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion: 43 Resp: 3092

Ion	Ratio	Lower	Upper
43	100		
61	16.9	22.2	33.4#
87	29.1	0.4	0.6#

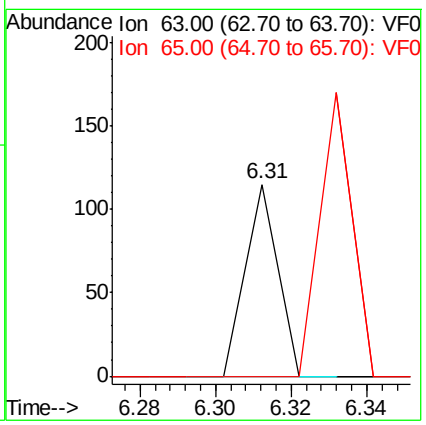


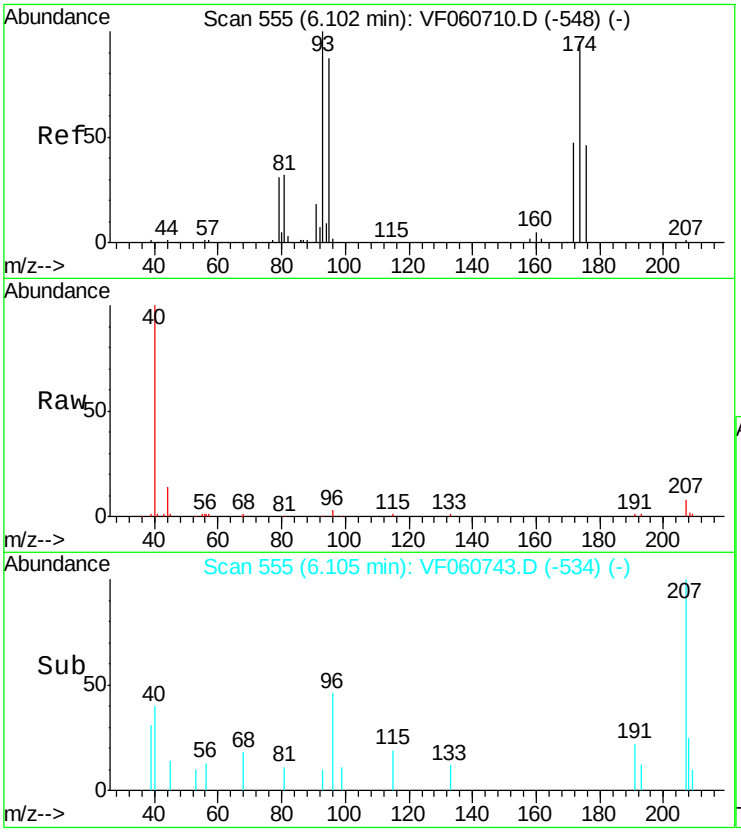


#45
1,2-Dichloropropane
Concen: 1.54 ug/l
RT: 6.31 min Scan# 576
Delta R.T. 0.06 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 63 Resp: 68

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	36.8#



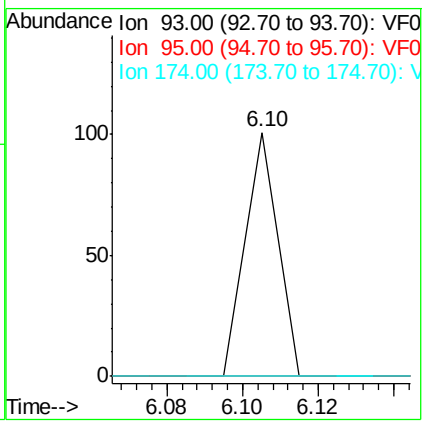


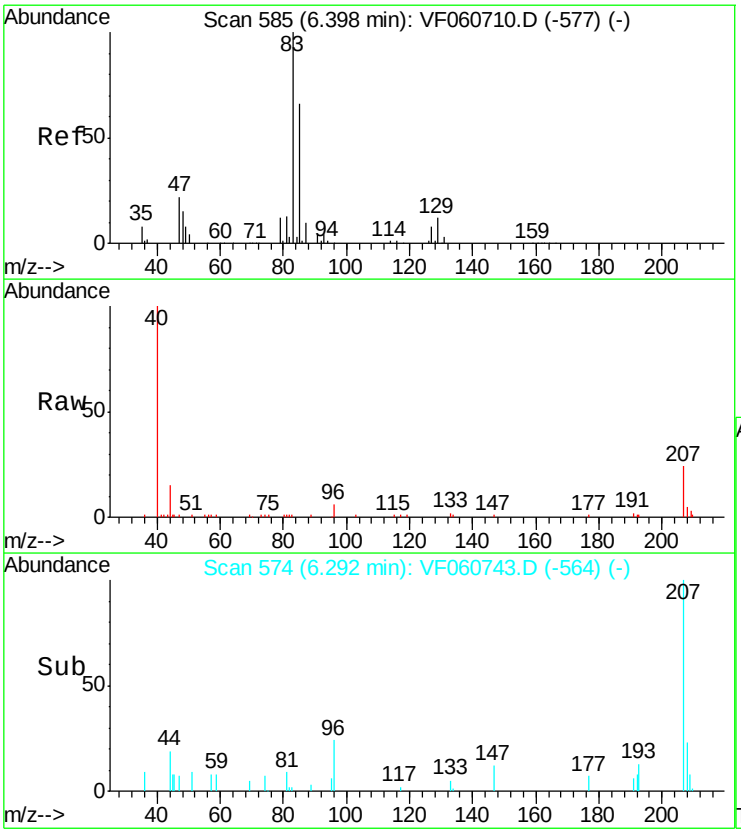
#46
Dibromomethane
Concen: 2.06 ug/l
RT: 6.10 min Scan# 555
Delta R.T. 0.00 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 93 Resp: 60

Ion	Ratio	Lower	Upper
93	100		
95	0.0	69.5	104.3#
174	0.0	76.2	114.2#

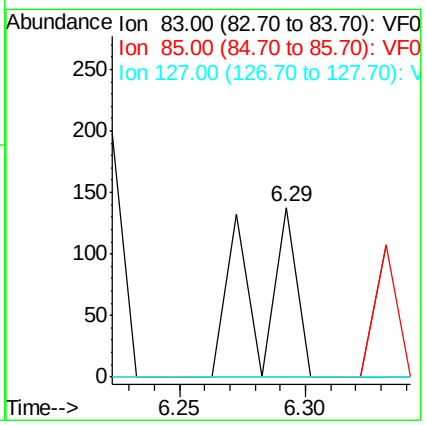


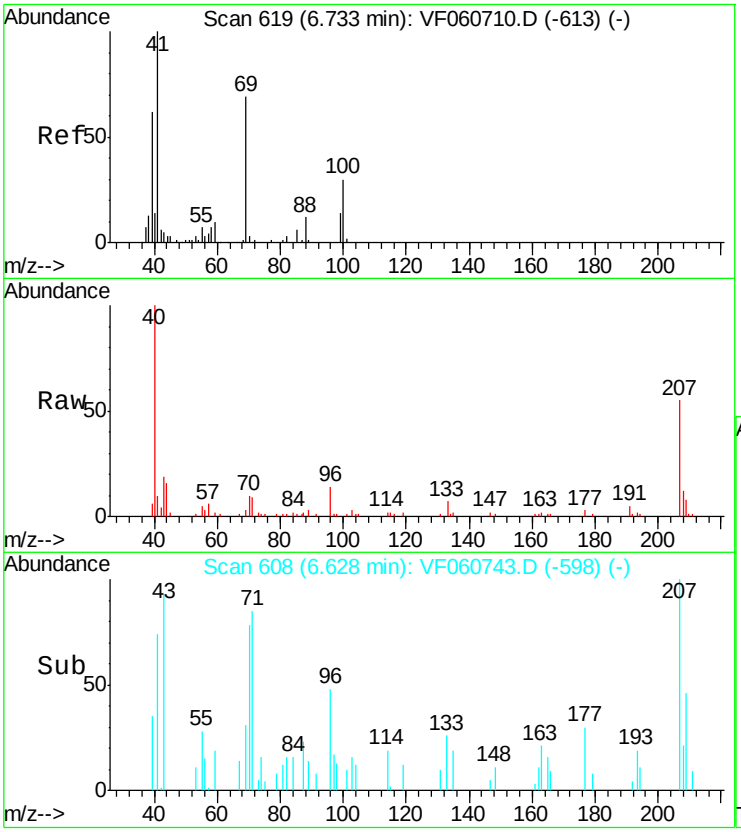


#47
Bromodichloromethane
Concen: 2.15 ug/l
RT: 6.29 min Scan# 574
Delta R.T. -0.11 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 83 Resp: 160

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.4	78.6#
127	0.0	6.8	10.2#



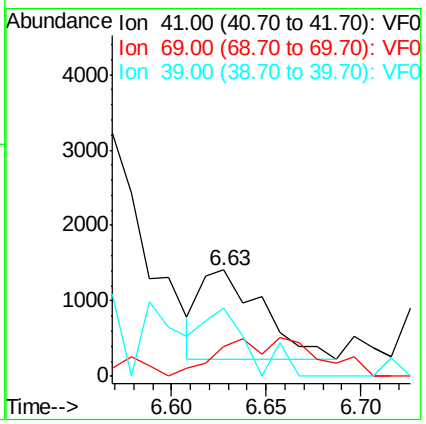


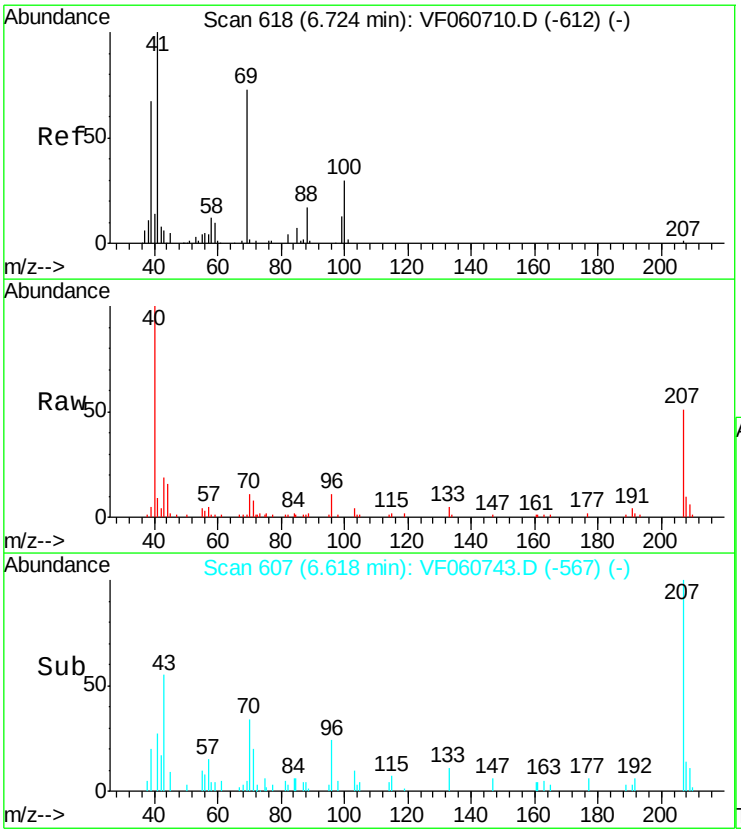
#48
Methyl methacrylate
Concen: 109.77 ug/l
RT: 6.63 min Scan# 608
Delta R.T. -0.11 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 41 Resp: 2724

Ion	Ratio	Lower	Upper
41	100		
69	27.9	54.9	82.3#
39	63.9	49.6	74.4

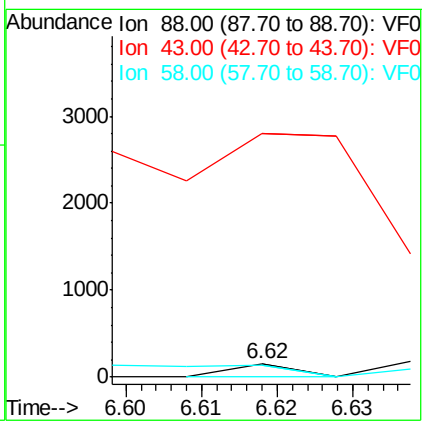


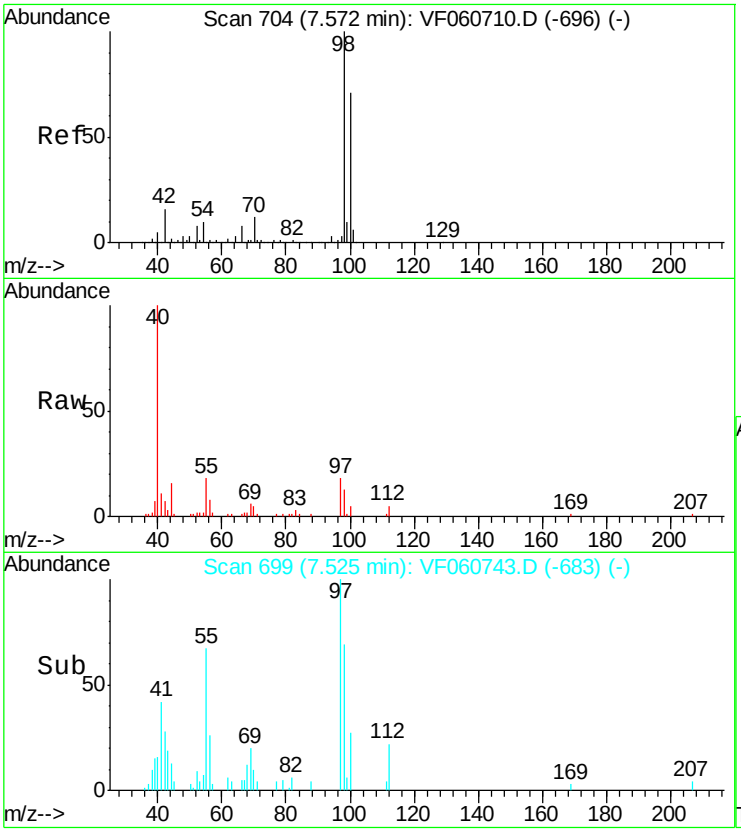


#49
1,4-Dioxane
Concen: 387.78 ug/l
RT: 6.62 min Scan# 607
Delta R.T. -0.11 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 88 Resp: 90

Ion	Ratio	Lower	Upper
88	100		
43	1830.7	44.6	66.8#
58	91.5	54.5	81.7#



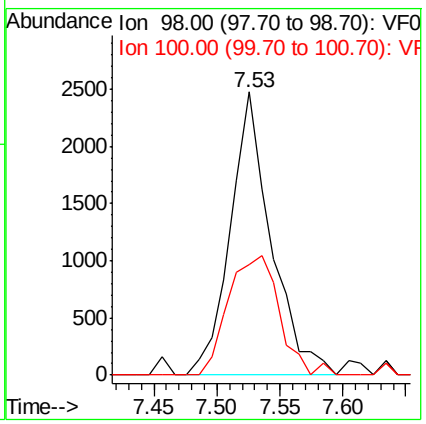


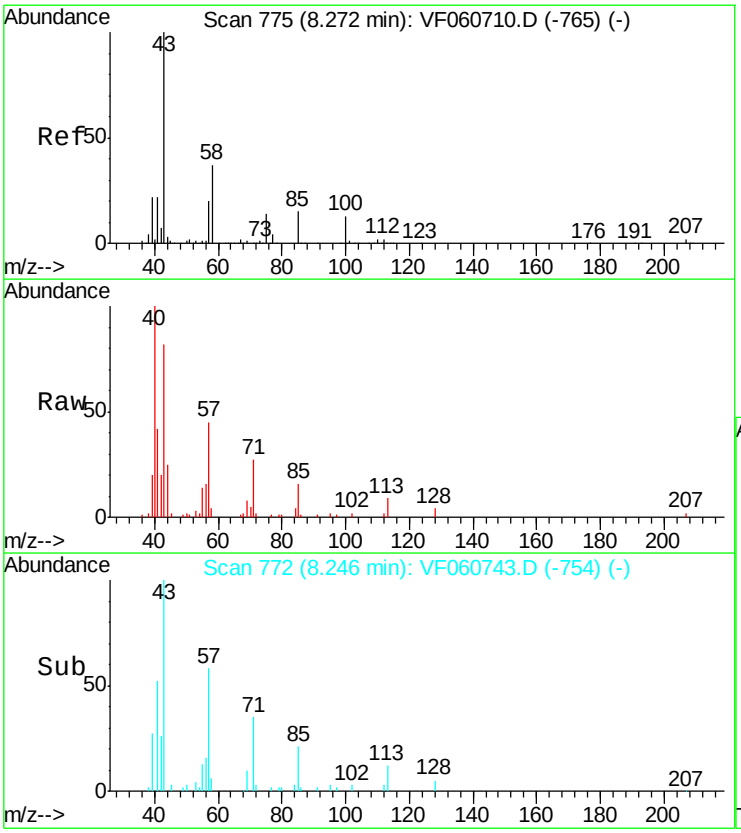
#50
Toluene-d8
Concen: 43.30 ug/l
RT: 7.53 min Scan# 699
Delta R.T. -0.05 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion: 98 Resp: 5541

Ion	Ratio	Lower	Upper
98	100		
100	39.2	56.5	84.7#

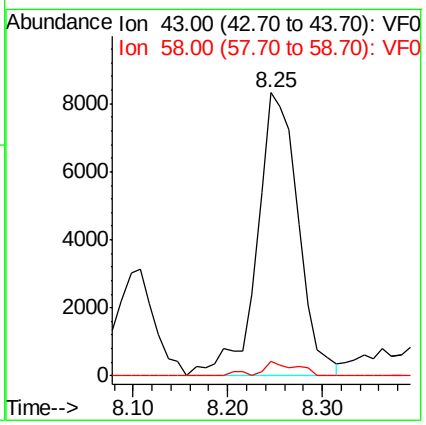


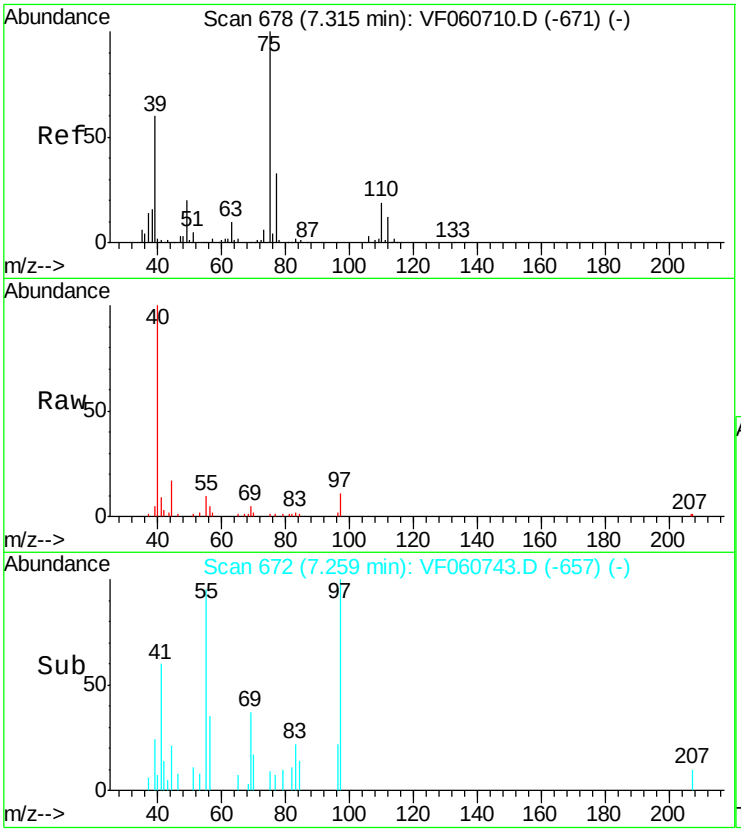


#51
4-Methyl-2-Pentanone
Concen: 930.00 ug/l
RT: 8.25 min Scan# 772
Delta R.T. -0.03 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 43 Resp: 25221

Ion	Ratio	Lower	Upper
43	100		
58	5.1	29.2	43.8#



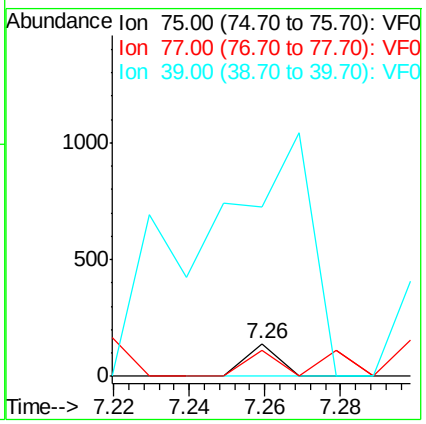


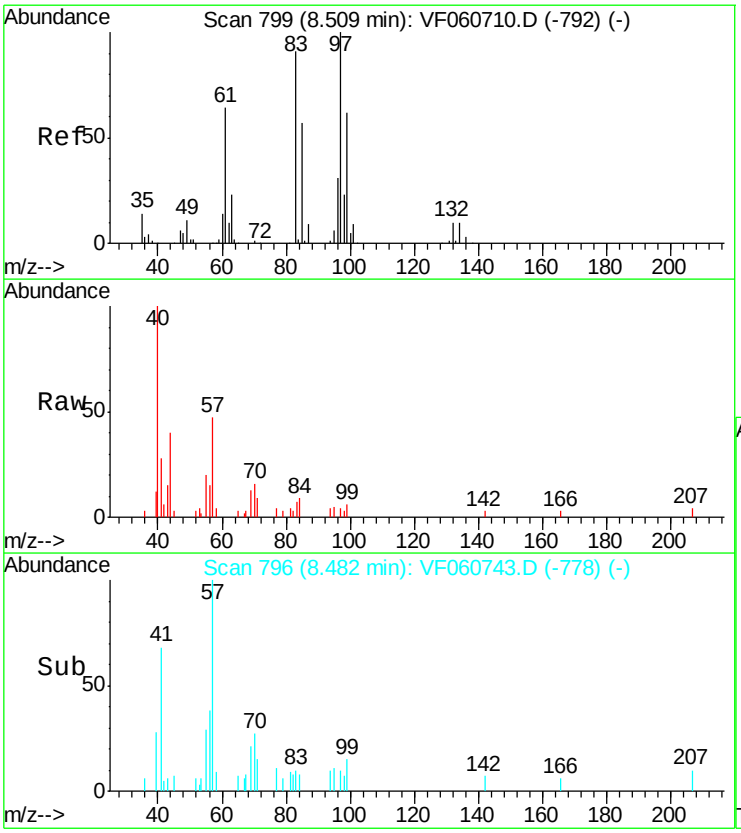
#54
cis-1,3-Dichloropropene
Concen: 1.07 ug/l
RT: 7.26 min Scan# 672
Delta R.T. -0.06 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 75 Resp: 83

Ion	Ratio	Lower	Upper
75	100		
77	79.4	26.5	39.7#
39	515.6	48.5	72.7#

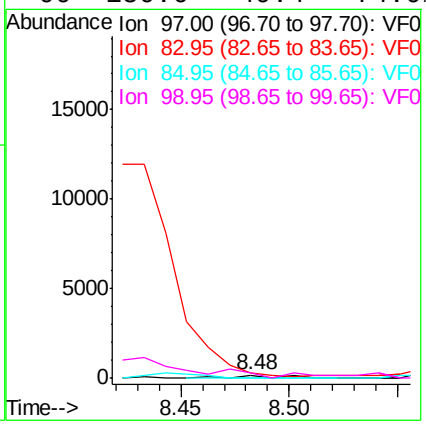


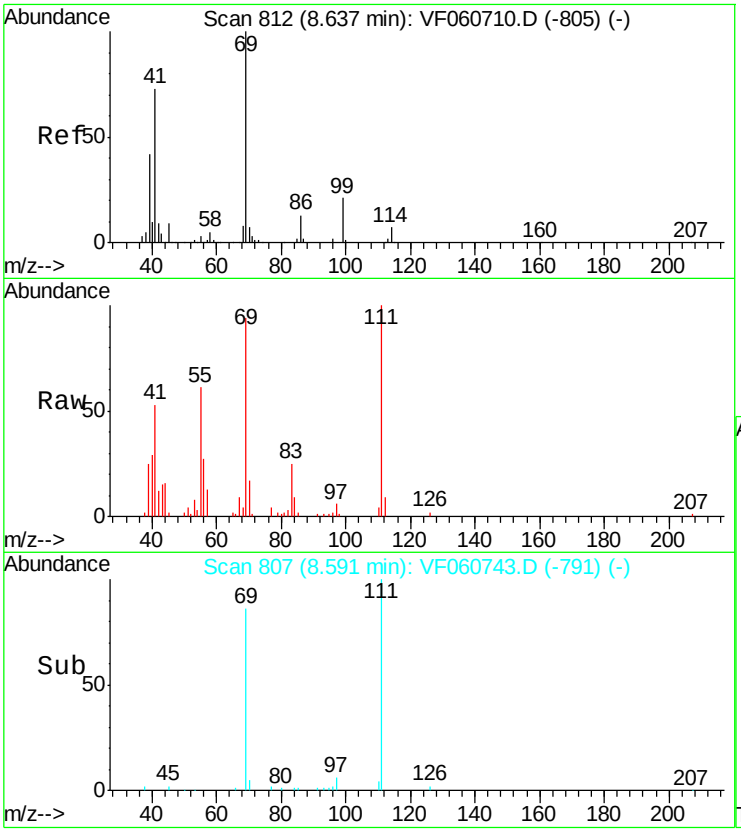


#55
1,1,2-Trichloroethane
Concen: 7.05 ug/l
RT: 8.48 min Scan# 796
Delta R.T. -0.03 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 97 Resp: 229

Ion	Ratio	Lower	Upper
97	100		
83	167.3	72.8	109.2#
85	0.0	45.8	68.6#
99	150.6	49.4	74.0#



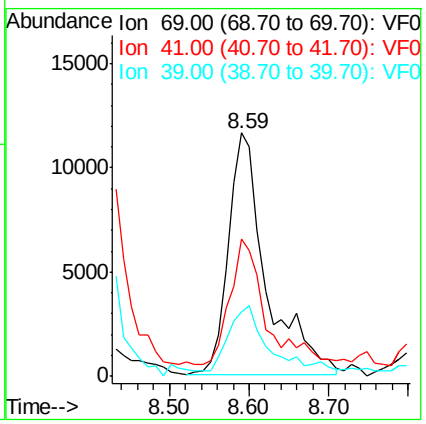


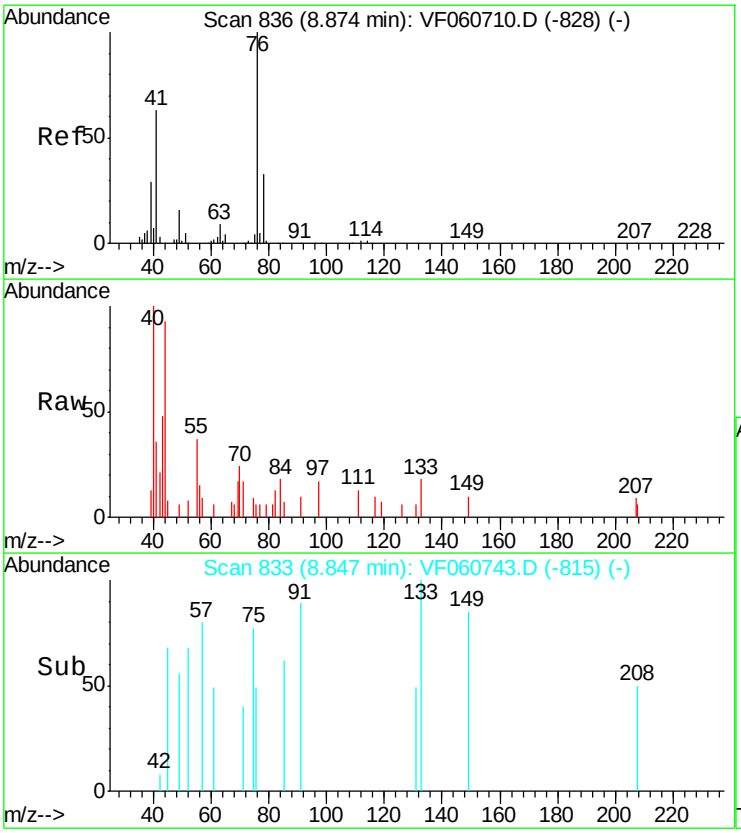
#56
Ethyl methacrylate
Concen: 1042.41 ug/l
RT: 8.59 min Scan# 807
Delta R.T. -0.05 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion: 69 Resp: 38436

Ion	Ratio	Lower	Upper
69	100		
41	56.5	59.0	88.6#
39	26.6	34.0	51.0#

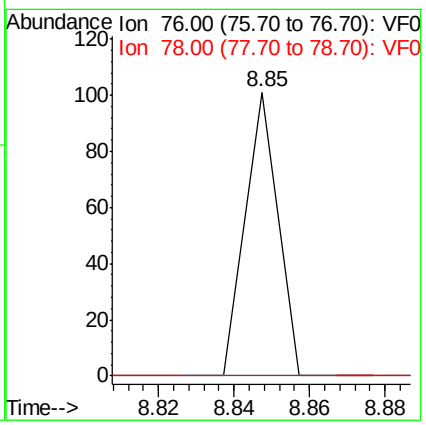


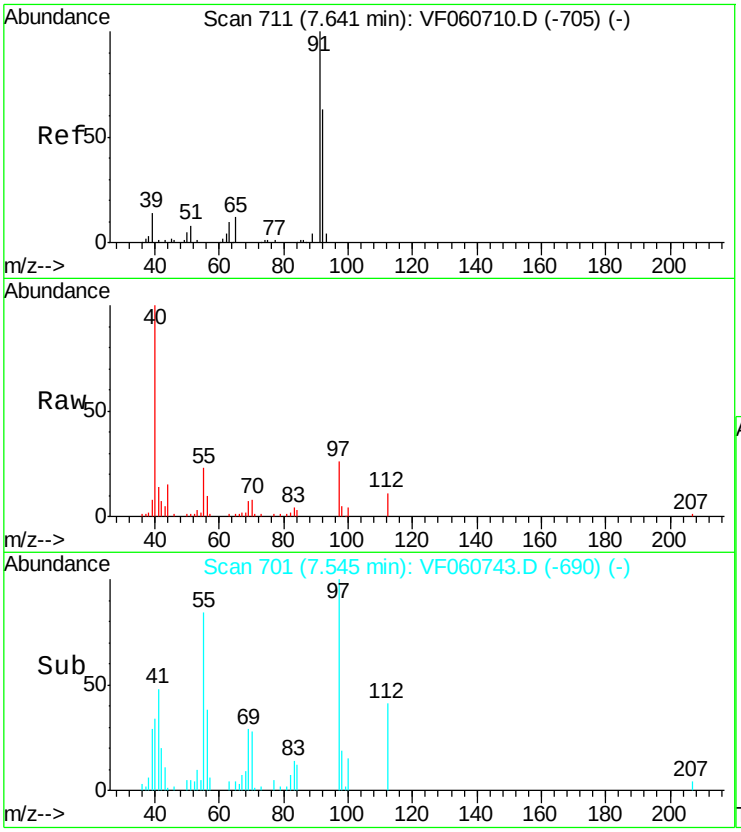


#57
1,3-Dichloropropane
Concen: 1.07 ug/l
RT: 8.85 min Scan# 833
Delta R.T. -0.03 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 76 Resp: 60

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.6	39.8#



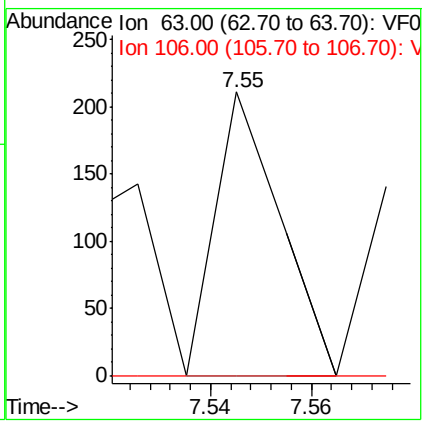


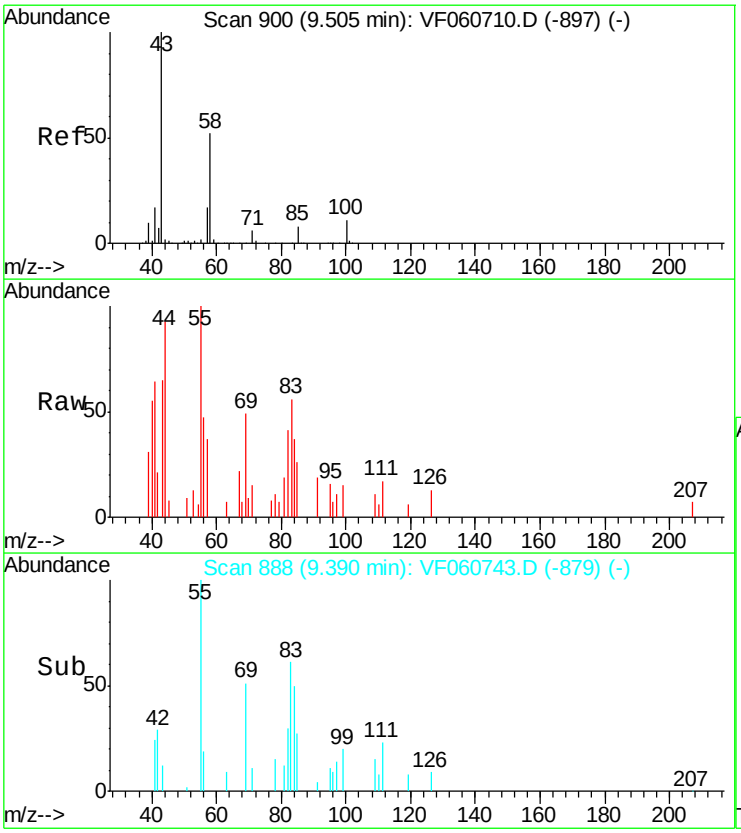
#58
2-Chloroethyl Vinyl ether
Concen: 55.82 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.10 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 63 Resp: 188

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

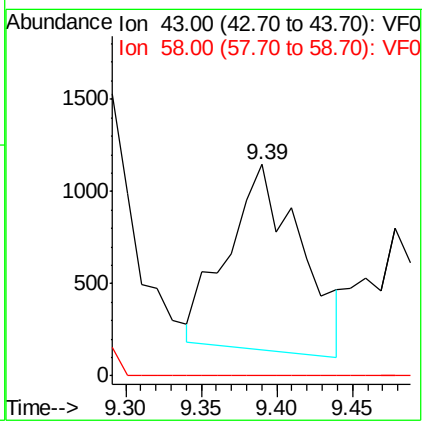


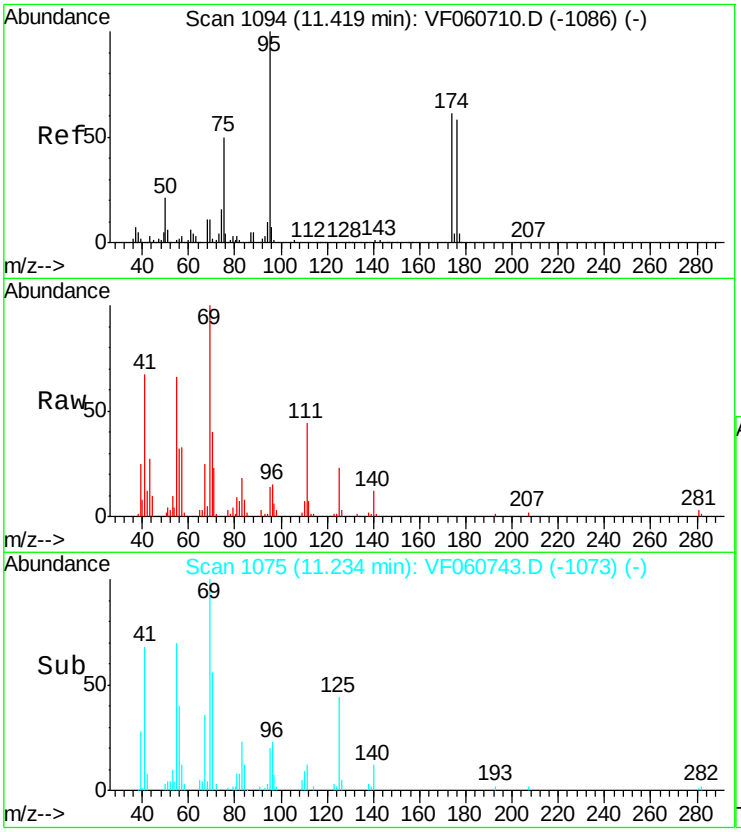


#59
2-Hexanone
Concen: 176.35 ug/l
RT: 9.39 min Scan# 888
Delta R.T. -0.12 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 43 Resp: 3361

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.9	74.7#



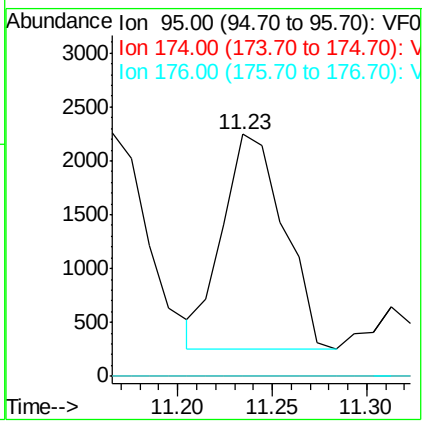


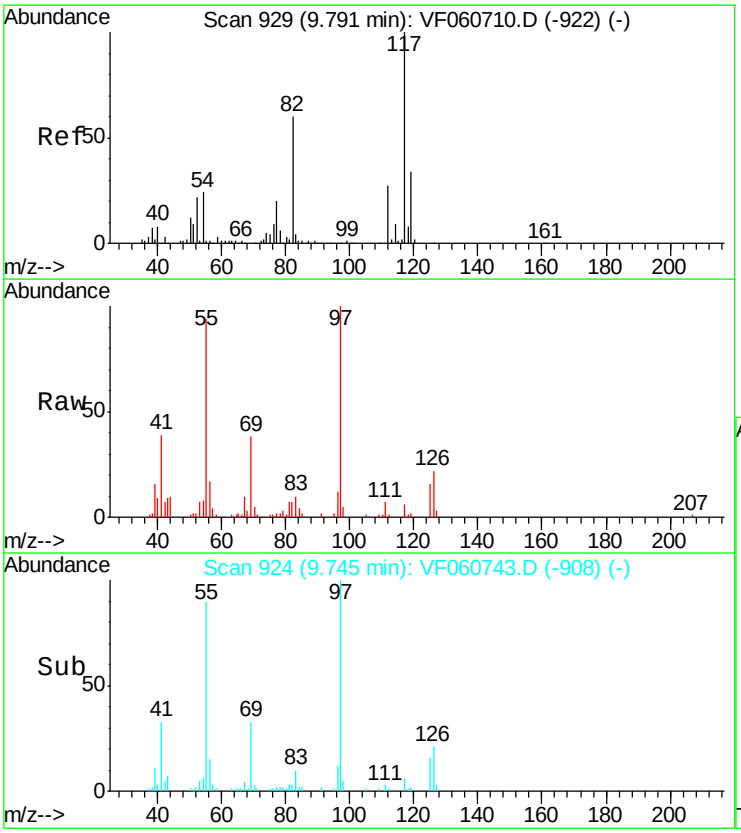
#62
4-Bromofluorobenzene
Concen: 79.66 ug/l
RT: 11.23 min Scan# 1075
Delta R.T. -0.18 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion: 95 Resp: 4508

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	121.6
176	0.0	0.0	115.2

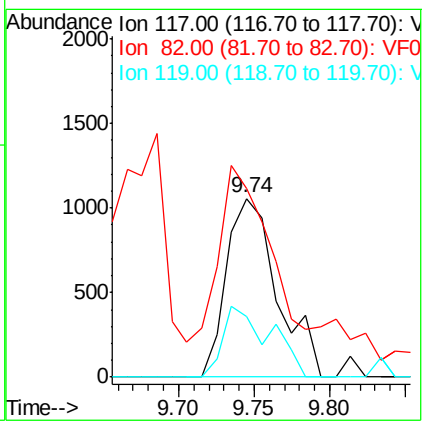


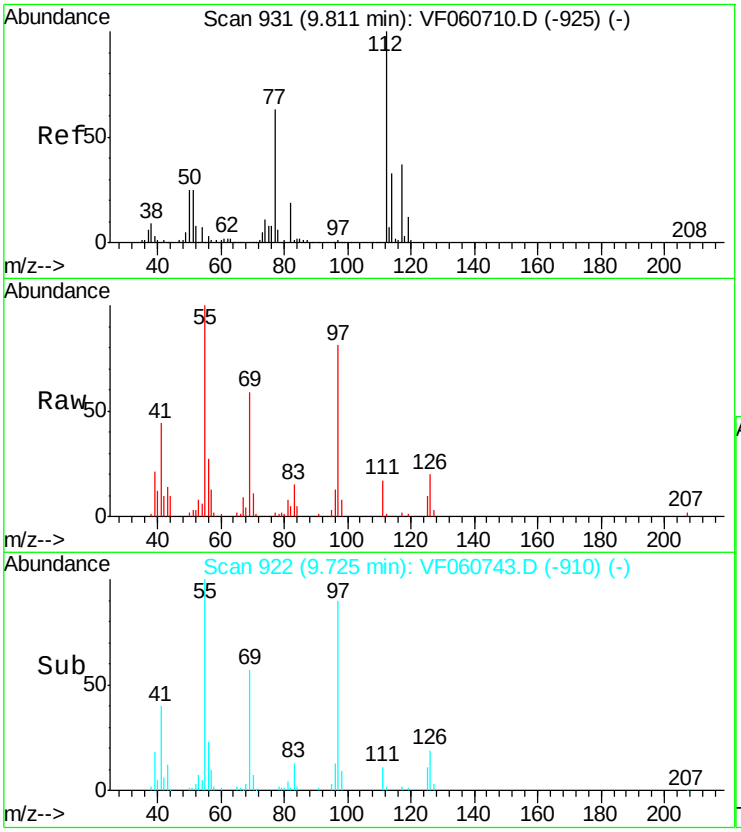


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.74 min Scan# 924
Delta R.T. -0.05 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion:117 Resp: 2478

Ion	Ratio	Lower	Upper
117	100		
82	105.5	47.9	71.9#
119	34.0	26.8	40.2



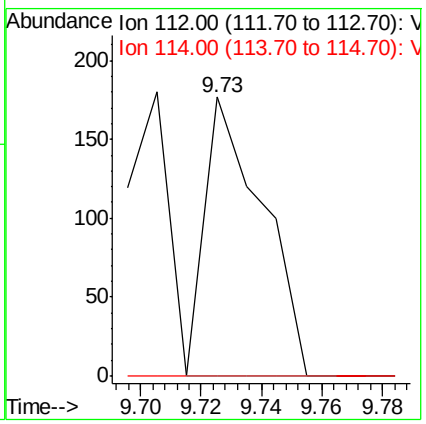


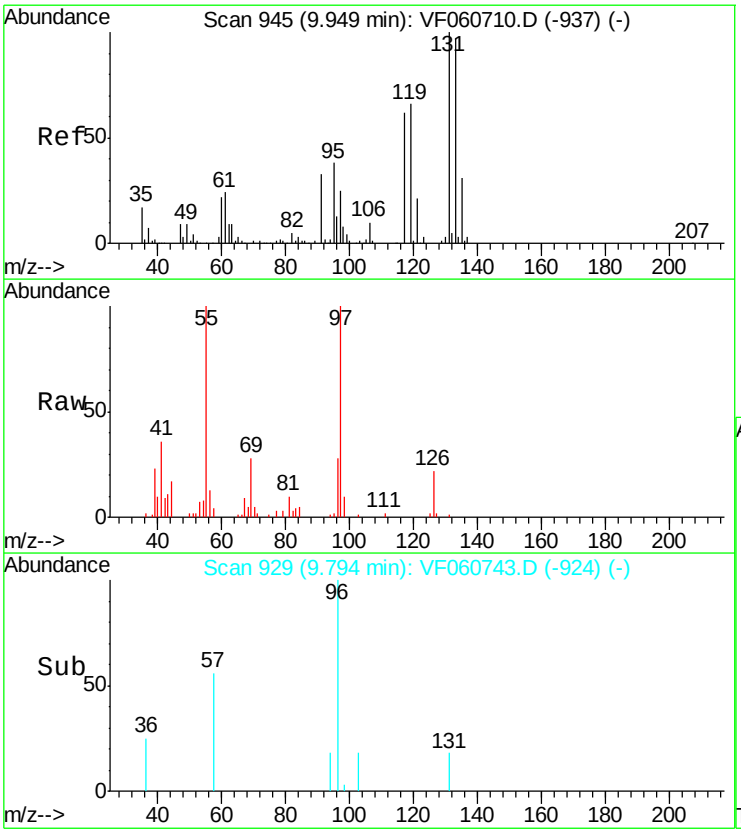
#65
Chlorobenzene
Concen: 4.70 ug/l
RT: 9.73 min Scan# 922
Delta R.T. -0.09 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion:112 Resp: 235

Ion	Ratio	Lower	Upper
112	100		
114	0.0	26.1	39.1#

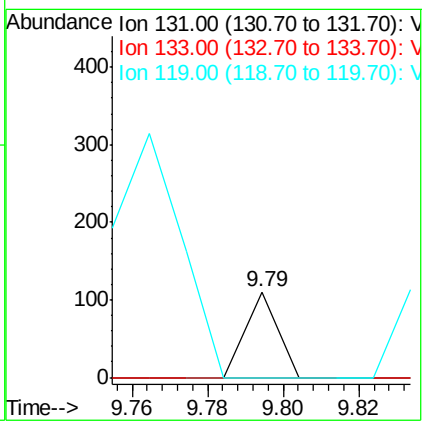


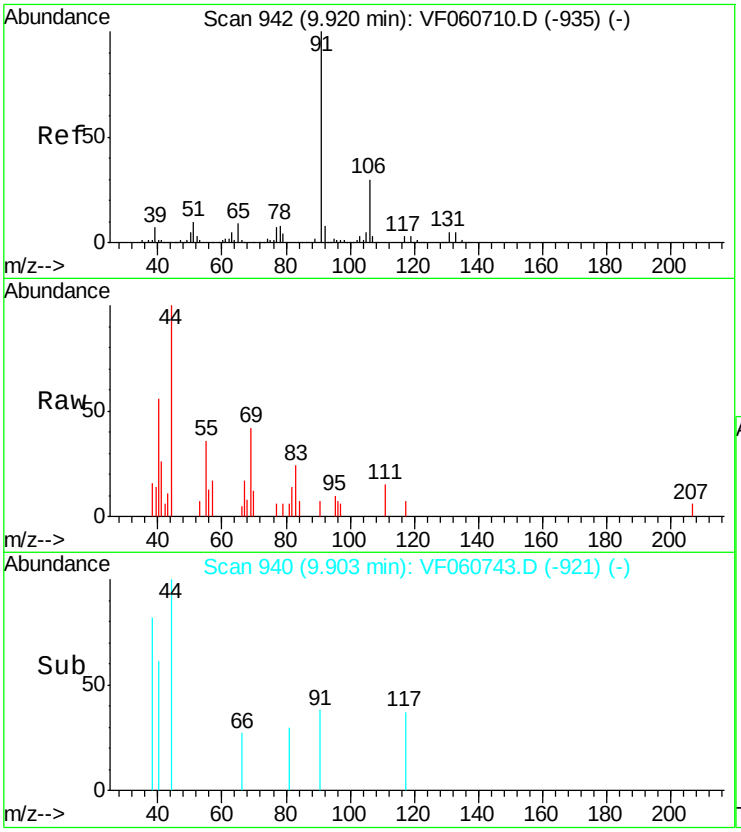


#66
1,1,1,2-Tetrachloroethane
Concen: 2.98 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.15 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion:131 Resp: 65

Ion	Ratio	Lower	Upper
131	100		
133	0.0	48.3	144.8#
119	0.0	33.2	99.6#



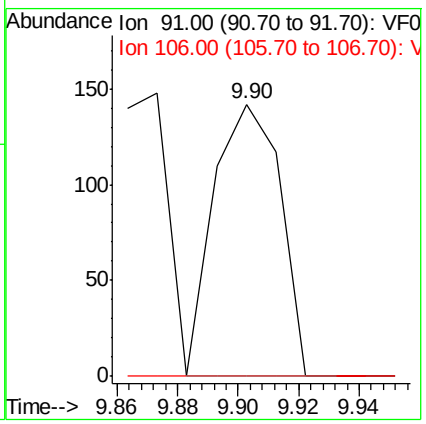


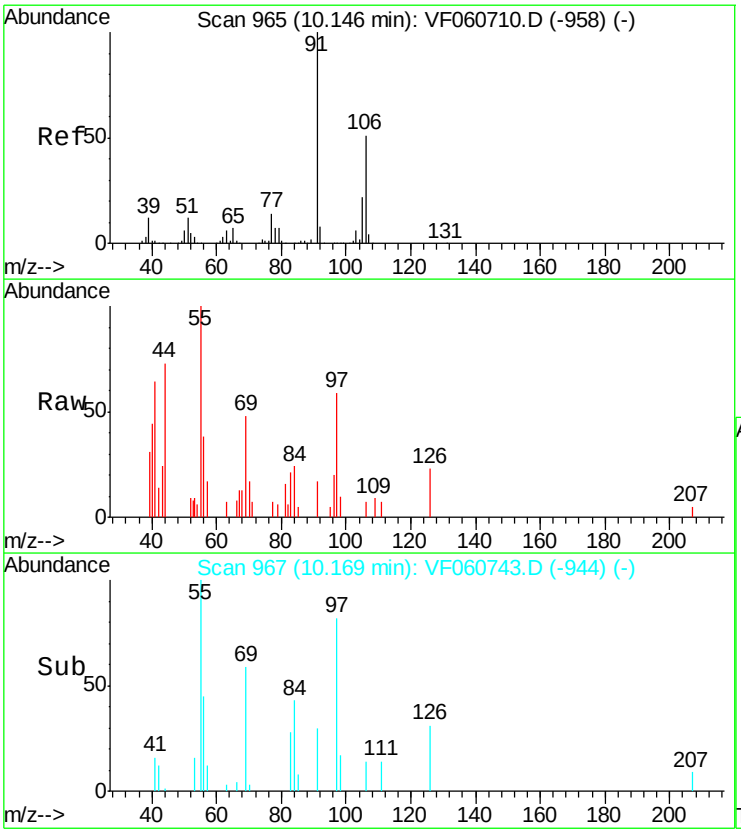
#67
Ethyl Benzene
Concen: 2.31 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion: 91 Resp: 218

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.9	35.9#

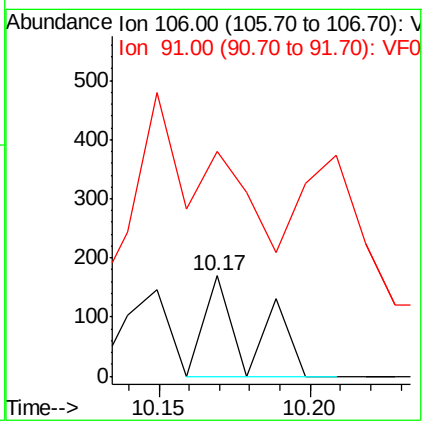


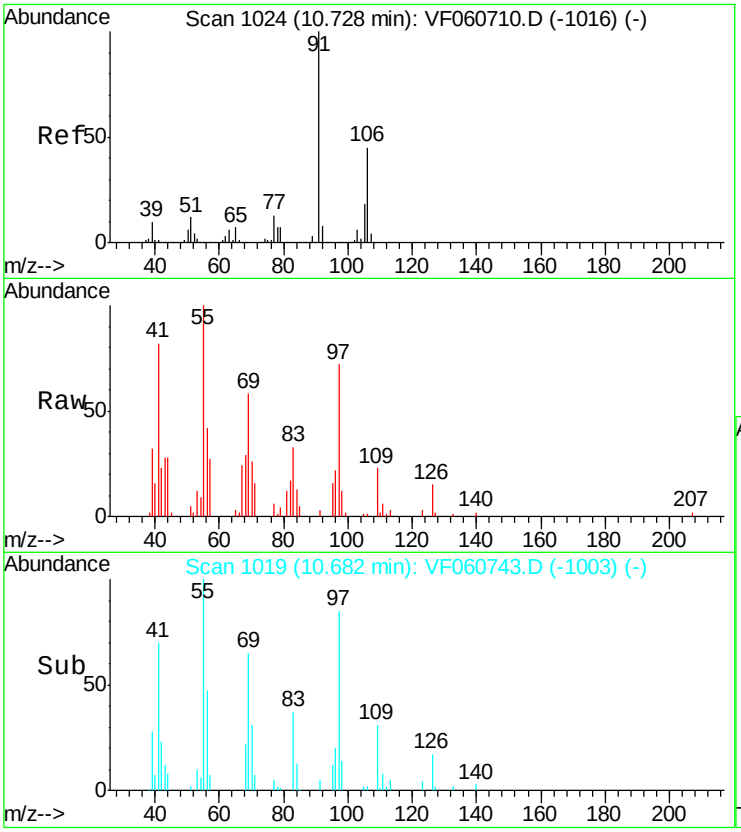


#68
m/p-Xylenes
Concen: 5.28 ug/l
RT: 10.17 min Scan# 967
Delta R.T. 0.02 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion:106 Resp: 178

Ion	Ratio	Lower	Upper
106	100		
91	224.1	158.2	237.2



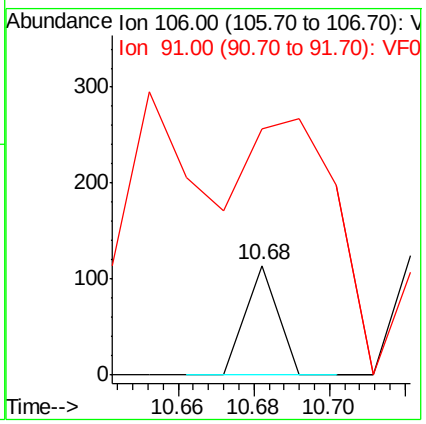


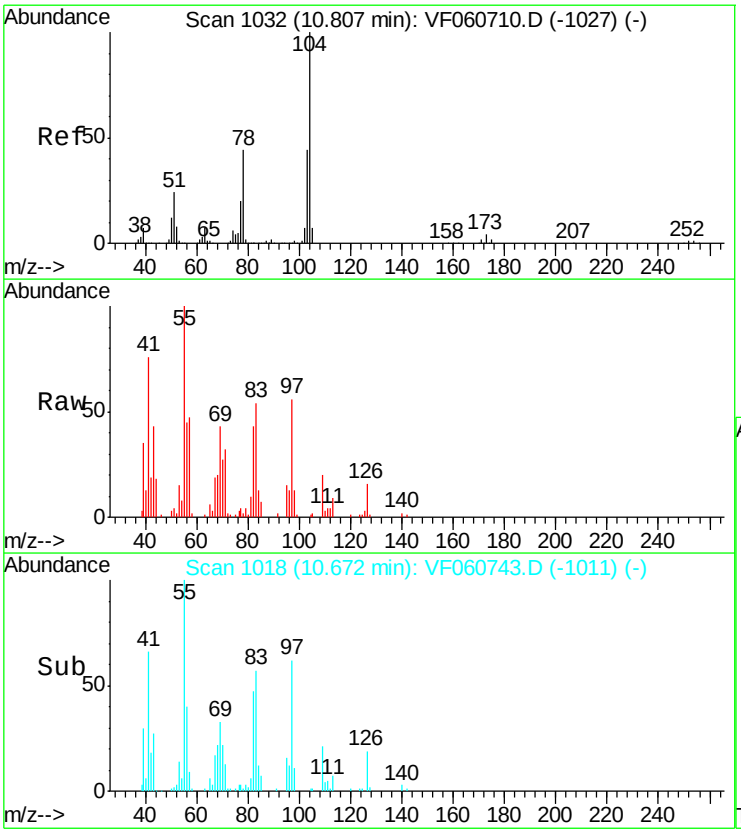
#69
o-Xylene
Concen: 1.77 ug/l
RT: 10.68 min Scan# 1019
Delta R.T. -0.05 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion:106 Resp: 67

Ion	Ratio	Lower	Upper
106	100		
91	224.6	110.3	330.9

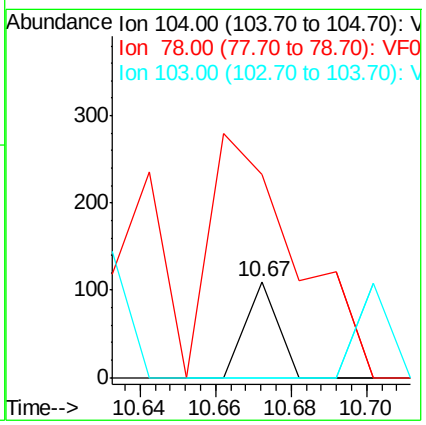


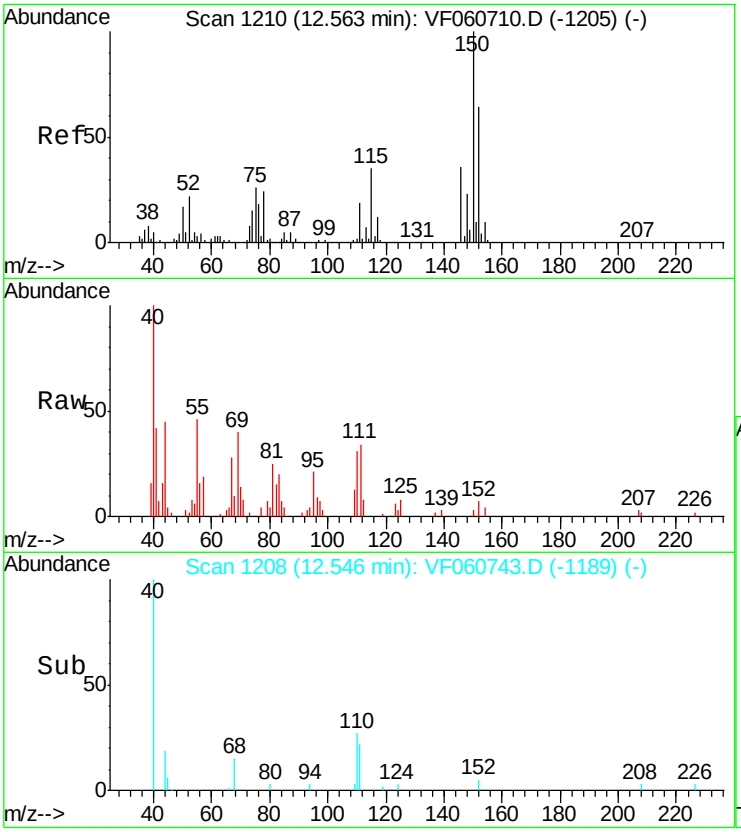


#70
Styrene
Concen: 1.26 ug/l
RT: 10.67 min Scan# 1018
Delta R.T. -0.14 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion:104 Resp: 65

Ion	Ratio	Lower	Upper
104	100		
78	211.8	35.4	53.2#
103	0.0	35.8	53.6#



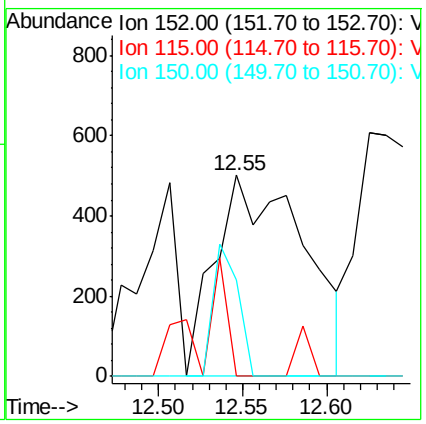


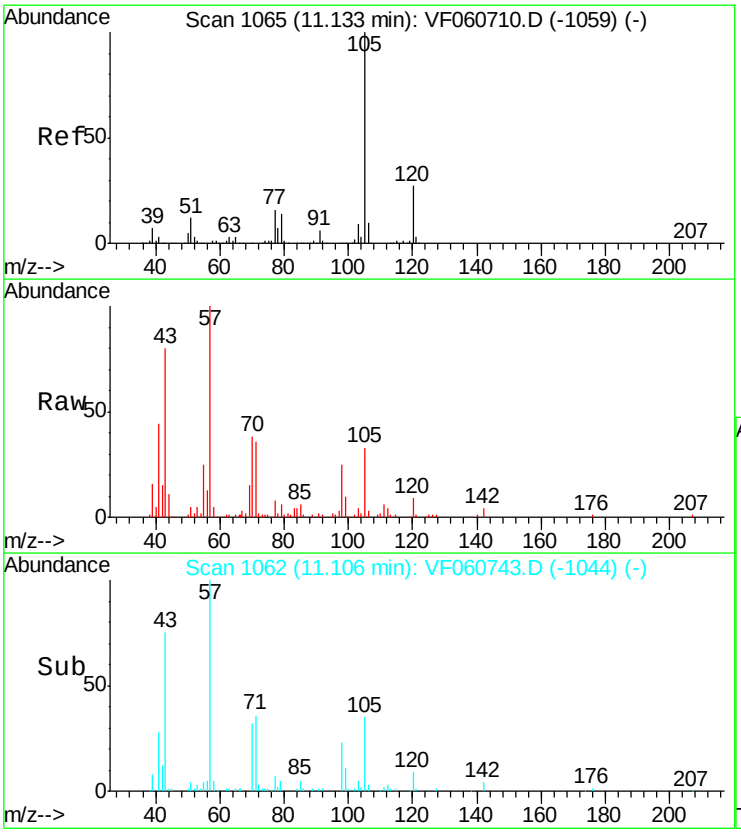
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion:152 Resp: 1847

Ion	Ratio	Lower	Upper
152	100		
115	0.0	27.9	83.7#
150	47.9	0.0	316.4

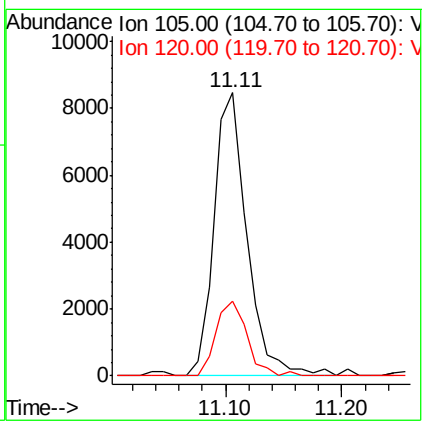


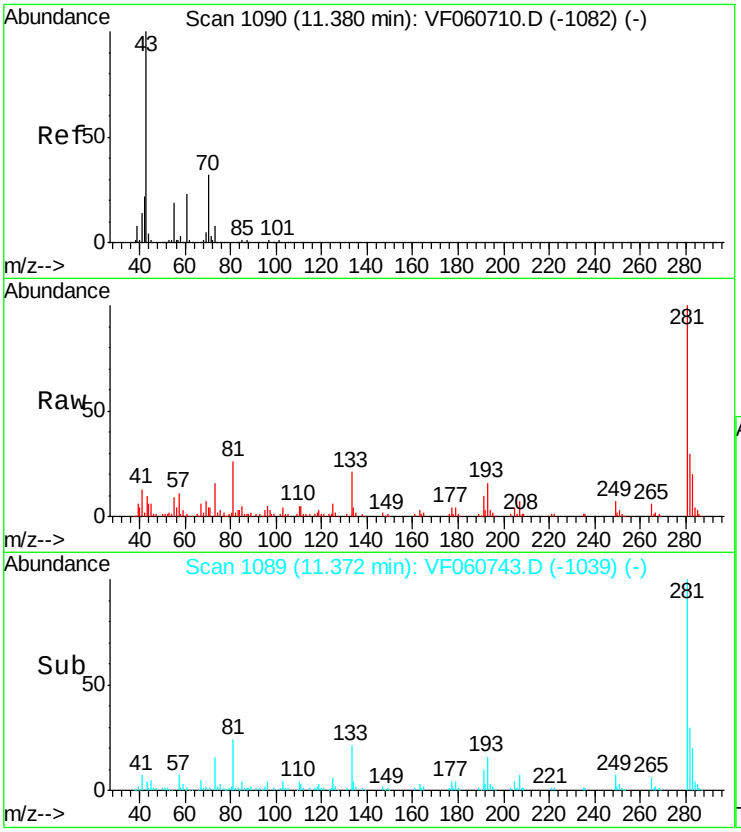


#73
Isopropylbenzene
Concen: 111.76 ug/l
RT: 11.11 min Scan# 1062
Delta R.T. -0.03 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion:105 Resp: 16615

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.4	40.1



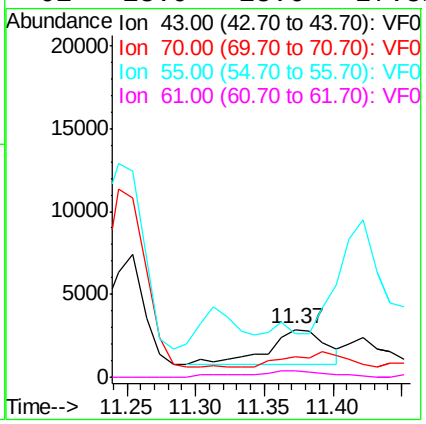


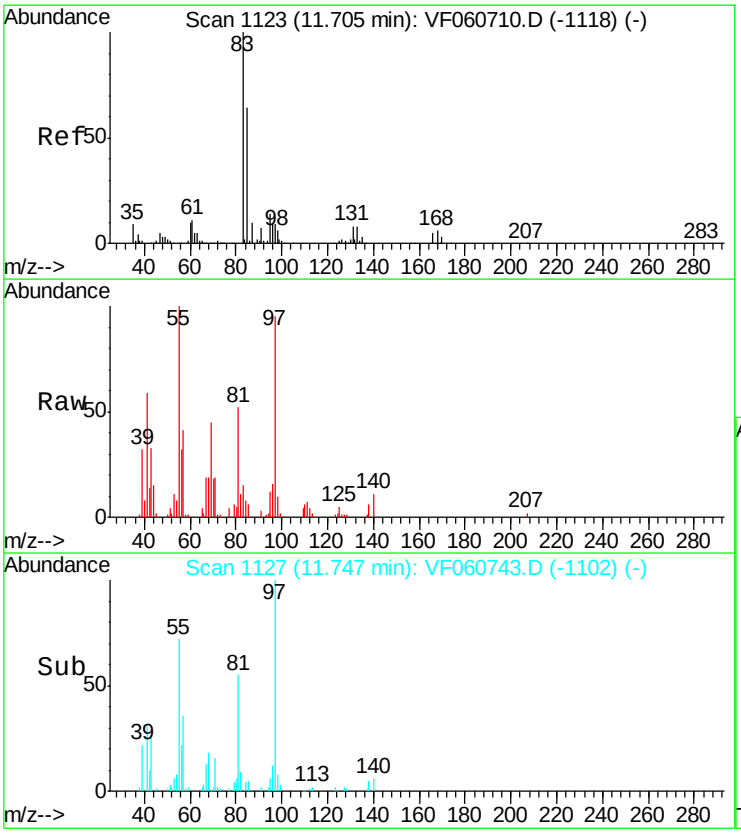
#74
N-amyl acetate
Concen: 181.21 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 43 Resp: 6133

Ion	Ratio	Lower	Upper
43	100		
70	42.2	25.5	38.3#
55	90.0	14.9	22.3#
61	13.9	18.6	27.8#

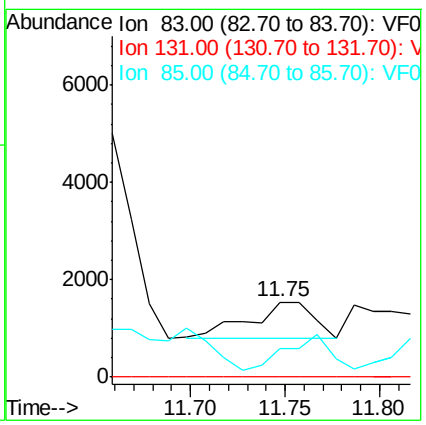


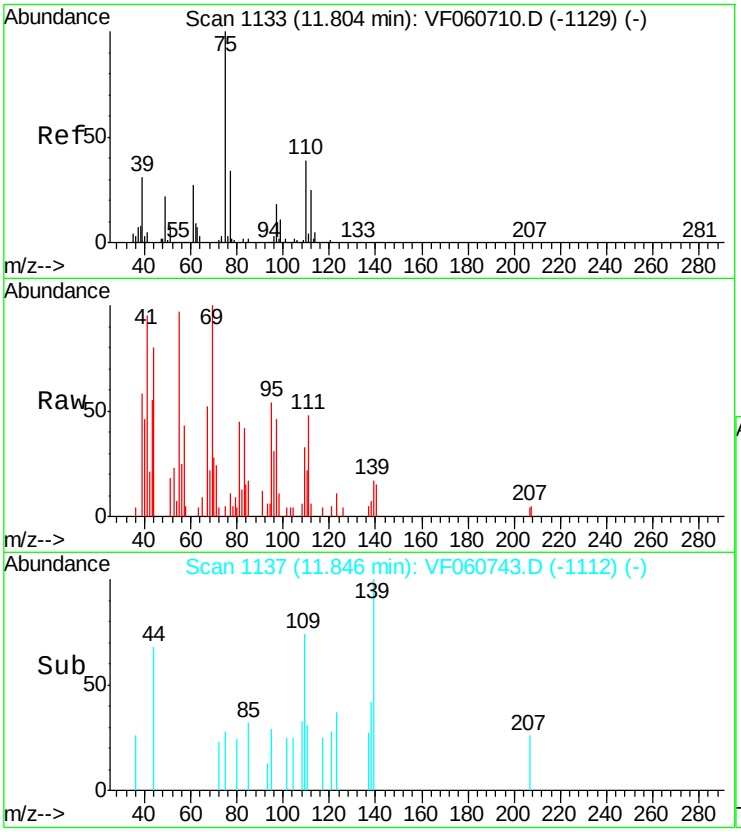


#75
1,1,2,2-Tetrachloroethane
Concen: 69.98 ug/l
RT: 11.75 min Scan# 1127
Delta R.T. 0.04 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 83 Resp: 1720

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.2	12.4#
85	38.5	32.0	96.2



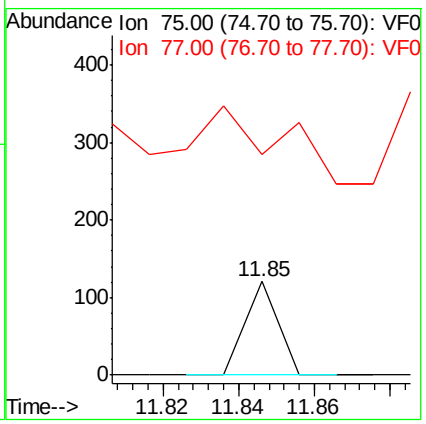


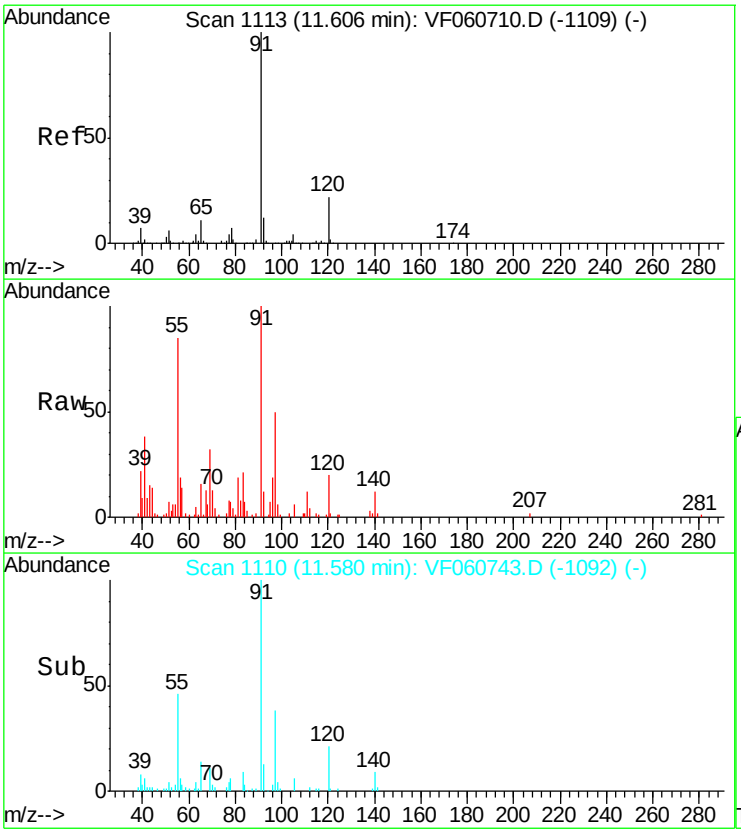
#76
1,2,3-Trichloropropane
Concen: 3.94 ug/l
RT: 11.85 min Scan# 1137
Delta R.T. 0.04 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion: 75 Resp: 72

Ion	Ratio	Lower	Upper
75	100		
77	234.7	17.0	51.0#

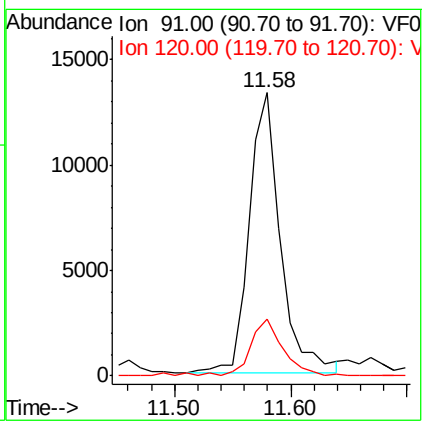


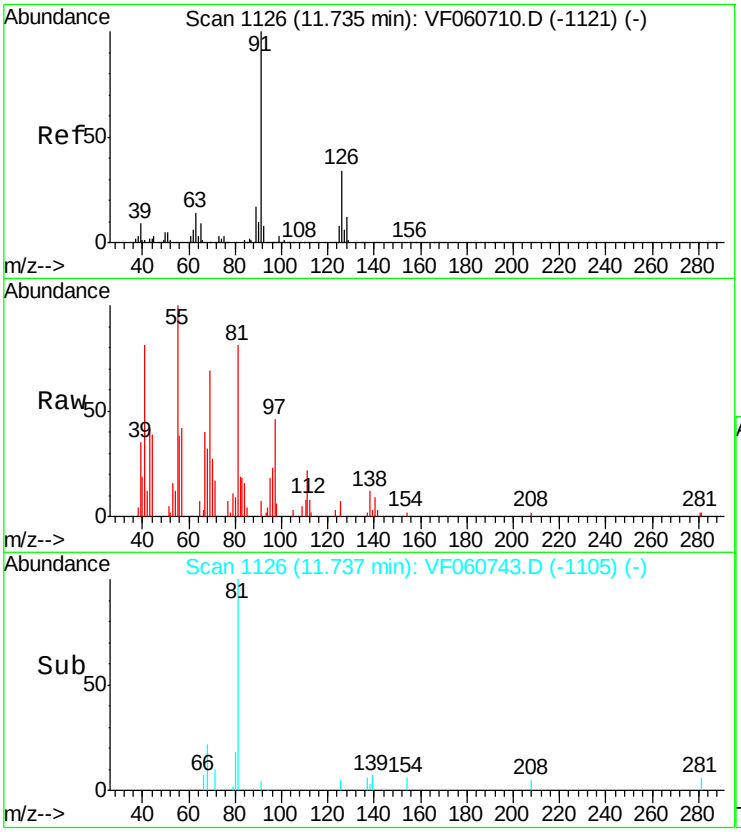


#78
n-propylbenzene
Concen: 143.40 ug/l
RT: 11.58 min Scan# 1110
Delta R.T. -0.03 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 91 Resp: 24865

Ion	Ratio	Lower	Upper
91	100		
120	20.3	11.2	33.5



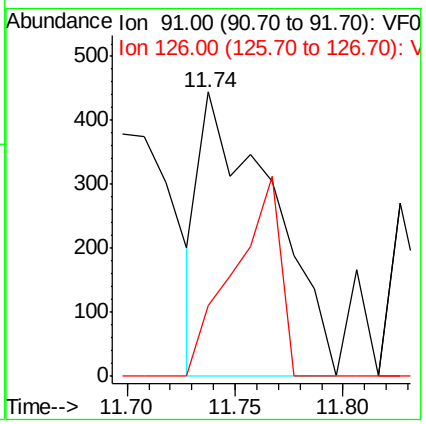


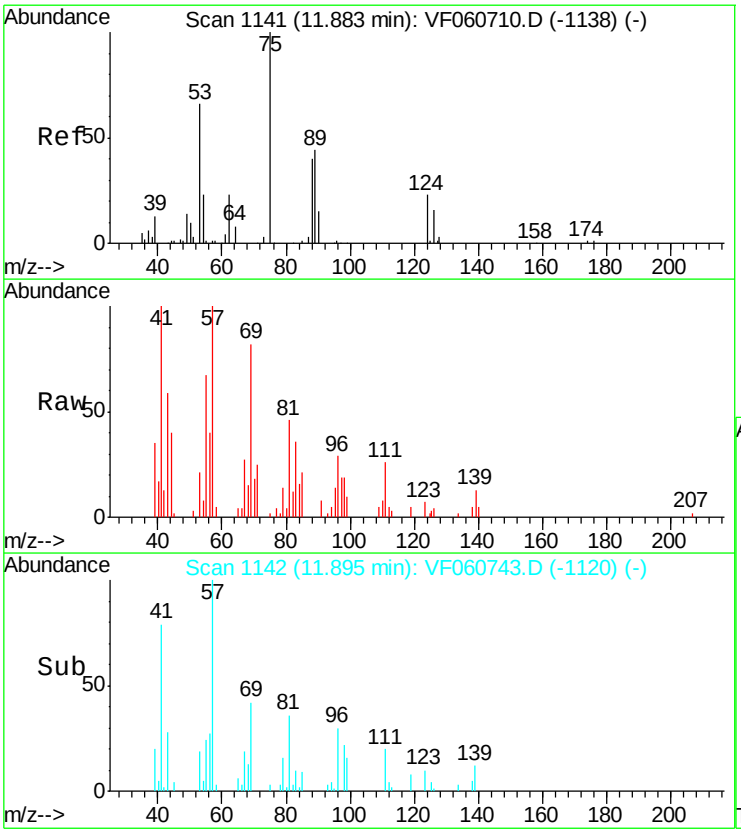
#79
2-Chlorotoluene
Concen: 10.15 ug/l
RT: 11.74 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 91 Resp: 1023

Ion	Ratio	Lower	Upper
91	100		
126	24.5	16.8	50.4

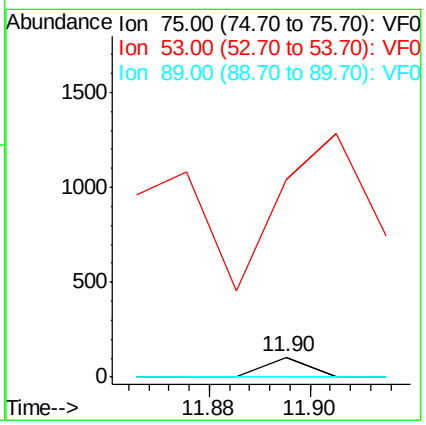


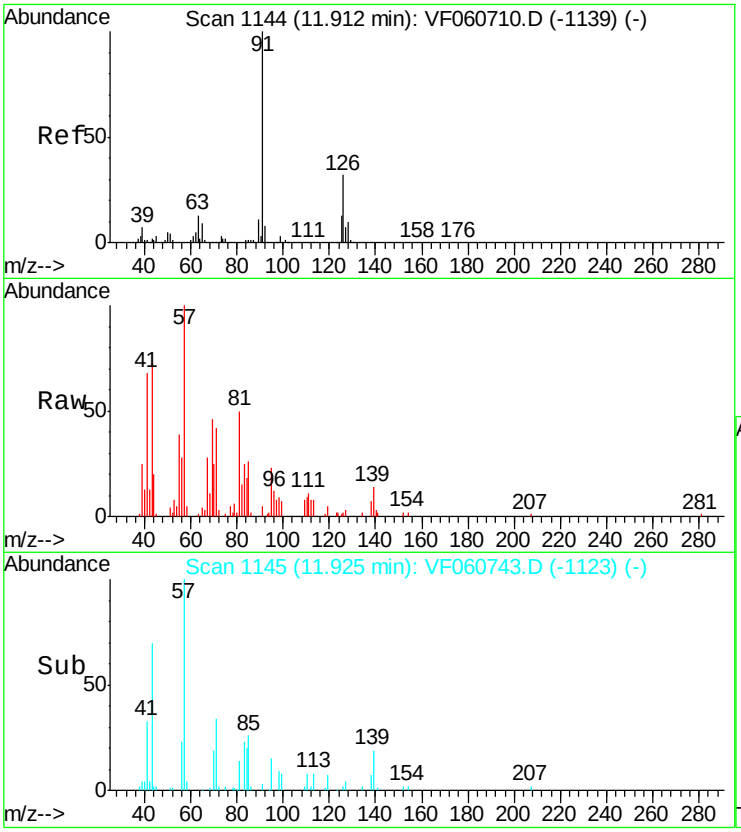


#81
trans-1,4-Dichloro-2-butene
Concen: 6.91 ug/l
RT: 11.90 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 75 Resp: 62

Ion	Ratio	Lower	Upper
75	100		
53	1002.9	57.0	85.4#
89	0.0	37.8	56.8#



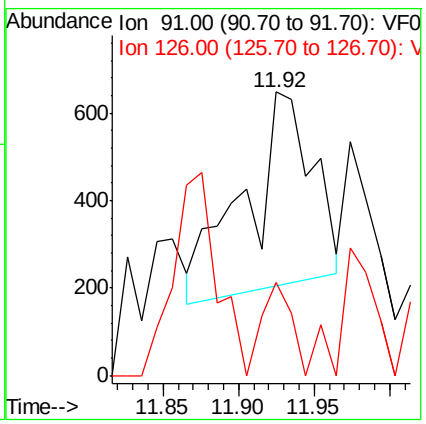


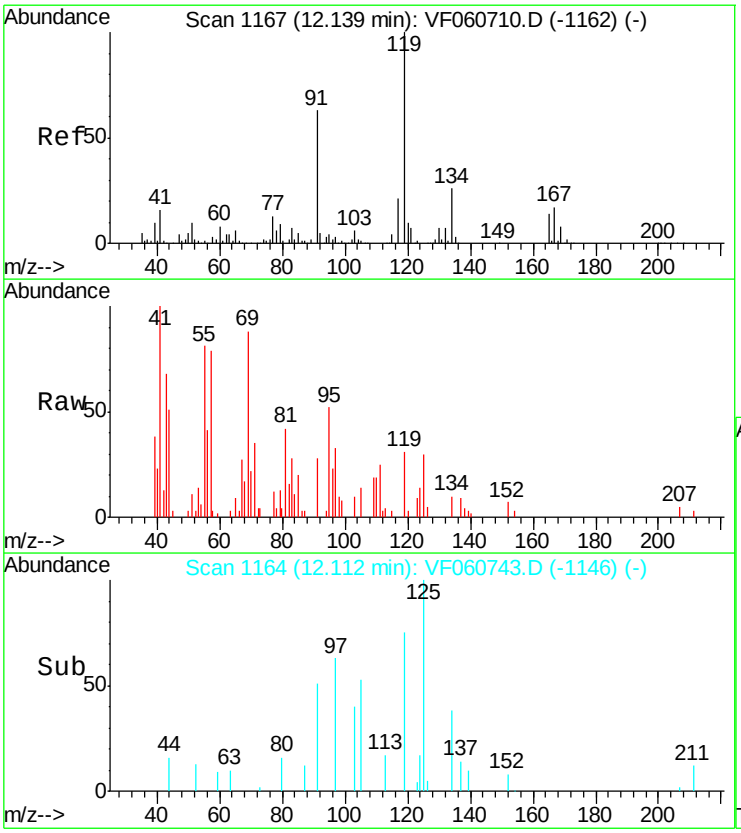
#82
4-Chlorotoluene
Concen: 13.28 ug/l
RT: 11.92 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion: 91 Resp: 1371

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.0	47.9

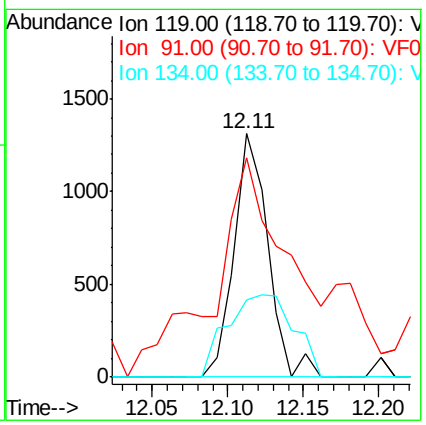


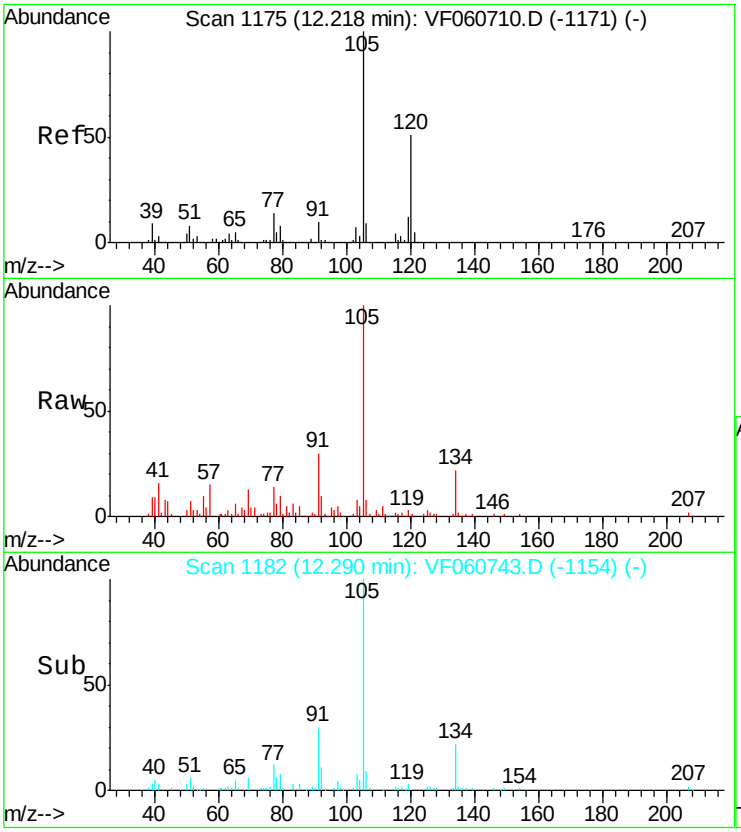


#83
tert-Butylbenzene
Concen: 16.28 ug/l
RT: 12.11 min Scan# 1164
Delta R.T. -0.03 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion:119 Resp: 2040

Ion	Ratio	Lower	Upper
119	100		
91	90.1	31.4	94.3
134	31.6	12.8	38.4



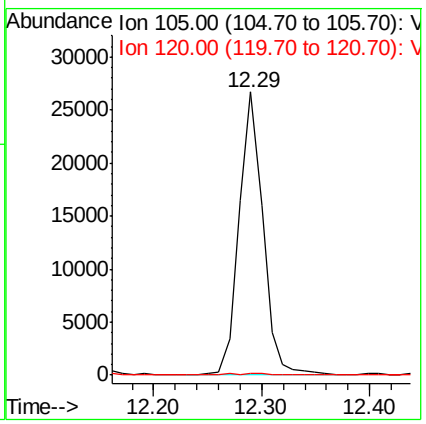


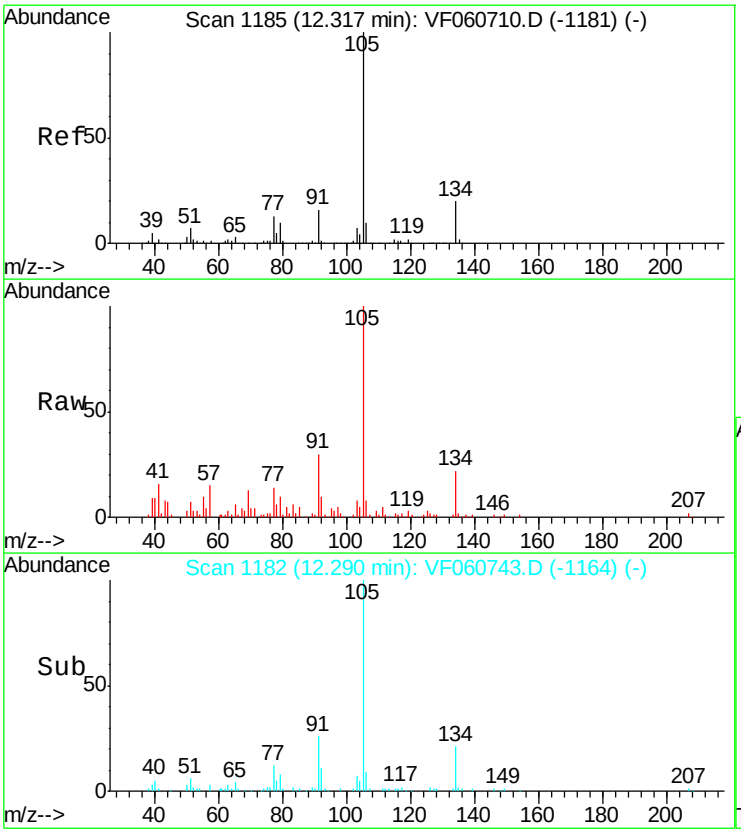
#84
1,2,4-Trimethylbenzene
Concen: 336.28 ug/l
RT: 12.29 min Scan# 1182
Delta R.T. 0.07 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion:105 Resp: 41050

Ion	Ratio	Lower	Upper
105	100		
120	0.7	25.5	76.5#

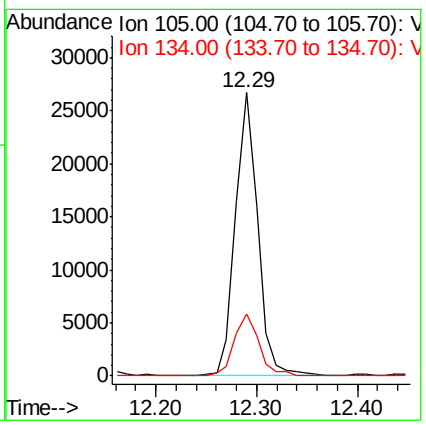


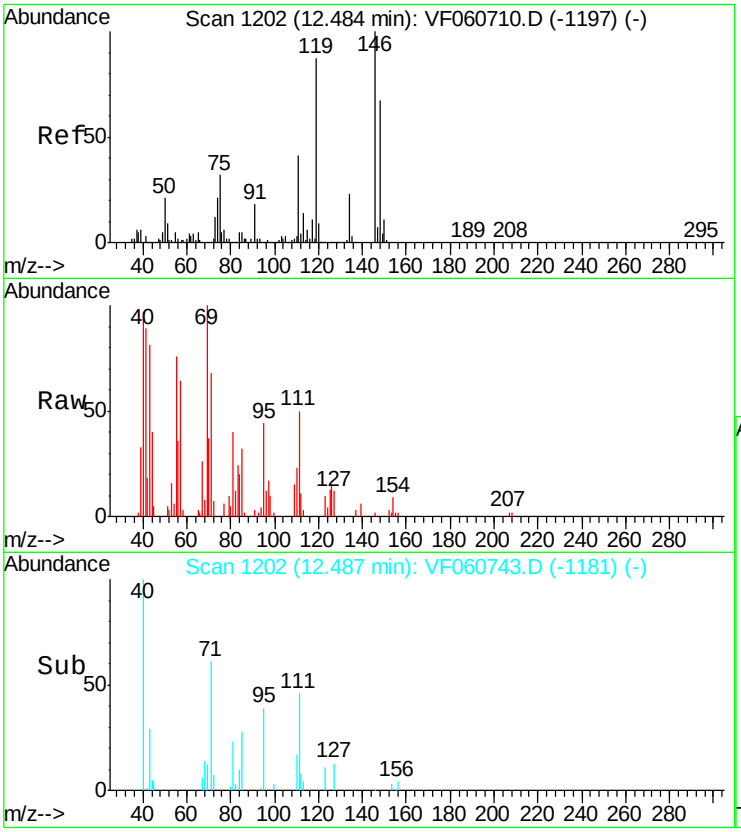


#85
sec-Butylbenzene
Concen: 241.44 ug/l
RT: 12.29 min Scan# 1182
Delta R.T. -0.03 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion:105 Resp: 41045

Ion	Ratio	Lower	Upper
105	100		
134	21.9	10.1	30.3



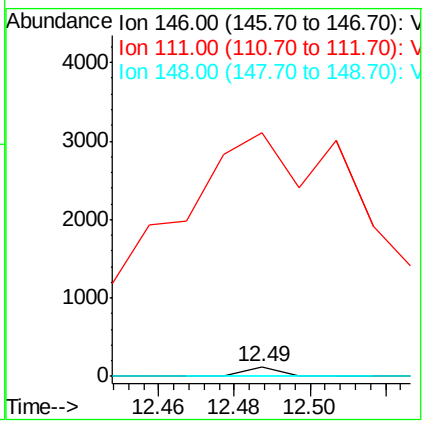


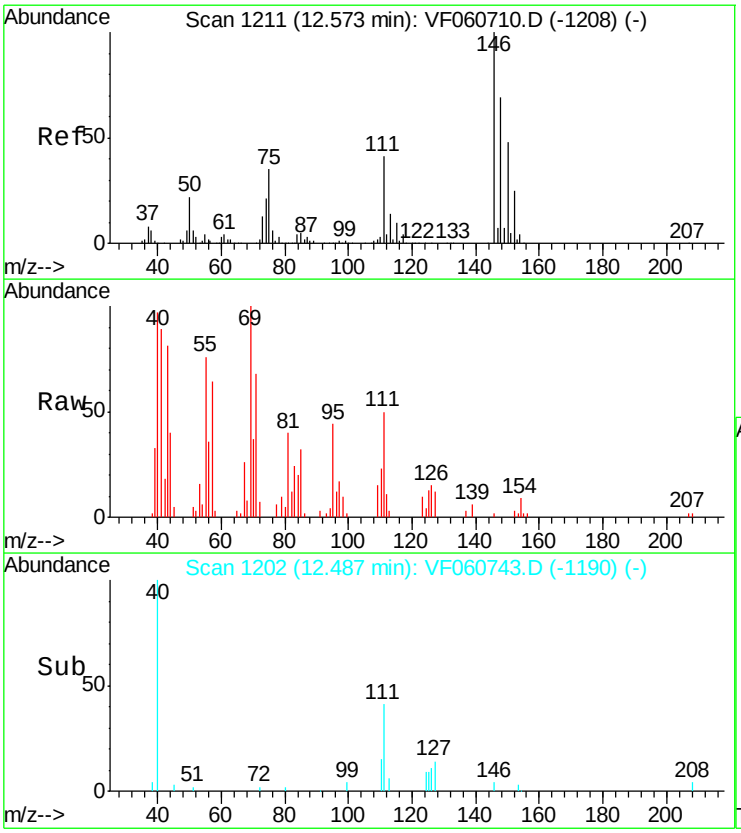
#87
1,3-Dichlorobenzene
Concen: 1.17 ug/l
RT: 12.49 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion:146 Resp: 72

Ion	Ratio	Lower	Upper
146	100		
111	2565.3	20.3	60.8#
148	0.0	33.3	99.9#

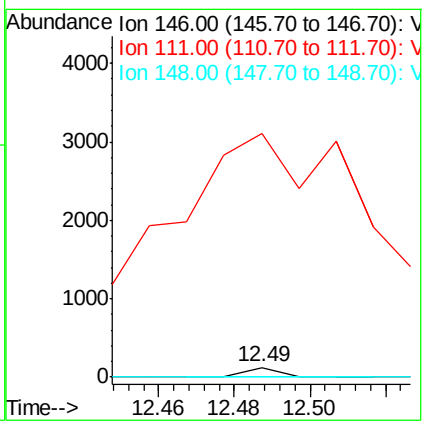


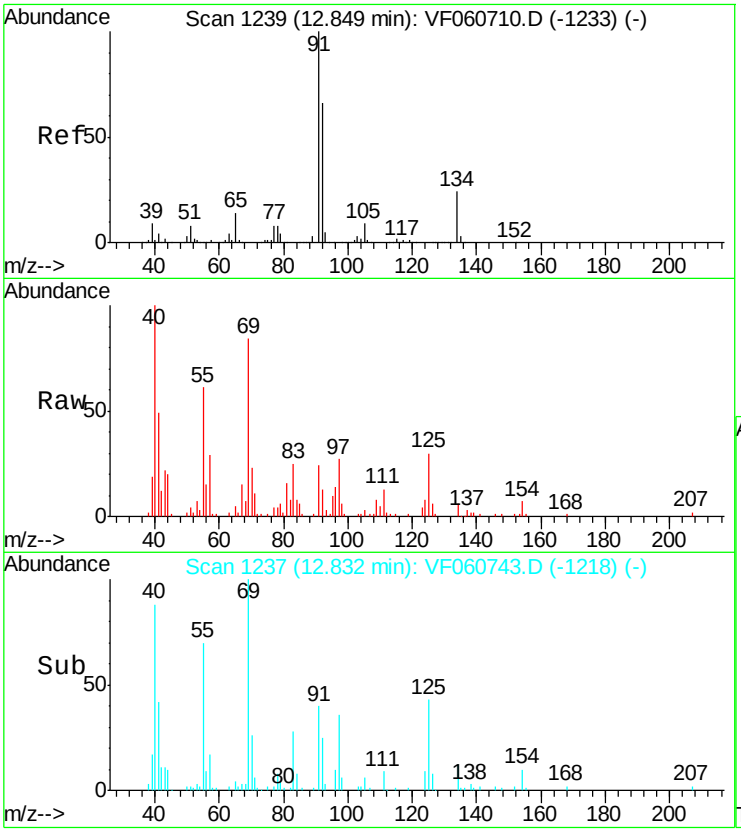


#88
1,4-Dichlorobenzene
Concen: 1.22 ug/l
RT: 12.49 min Scan# 1202
Delta R.T. -0.09 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion:146 Resp: 72

Ion	Ratio	Lower	Upper
146	100		
111	2565.3	20.6	61.9#
148	0.0	34.7	104.1#



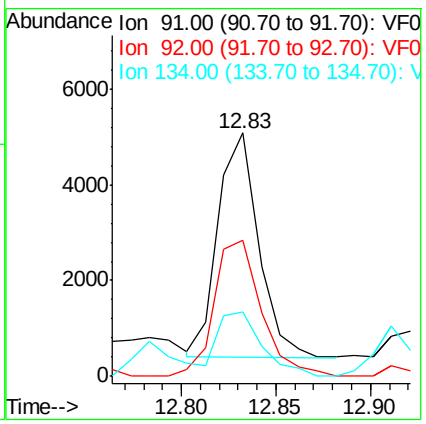


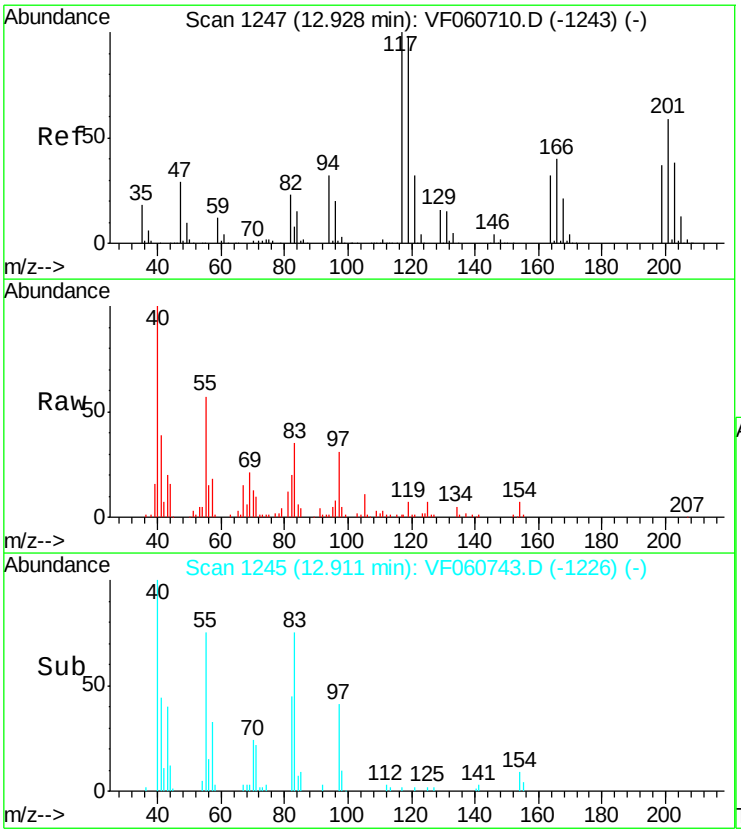
#89
n-Butylbenzene
Concen: 48.07 ug/l
RT: 12.83 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion: 91 Resp: 6965

Ion	Ratio	Lower	Upper
91	100		
92	56.0	33.1	99.2
134	26.6	11.9	35.9

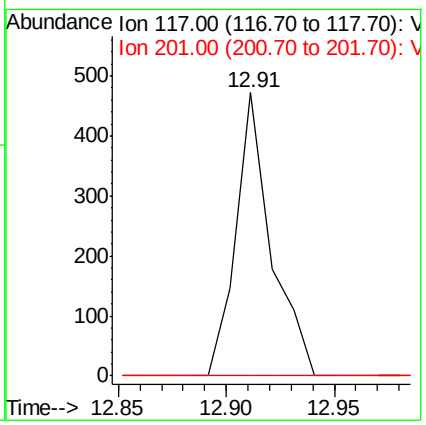


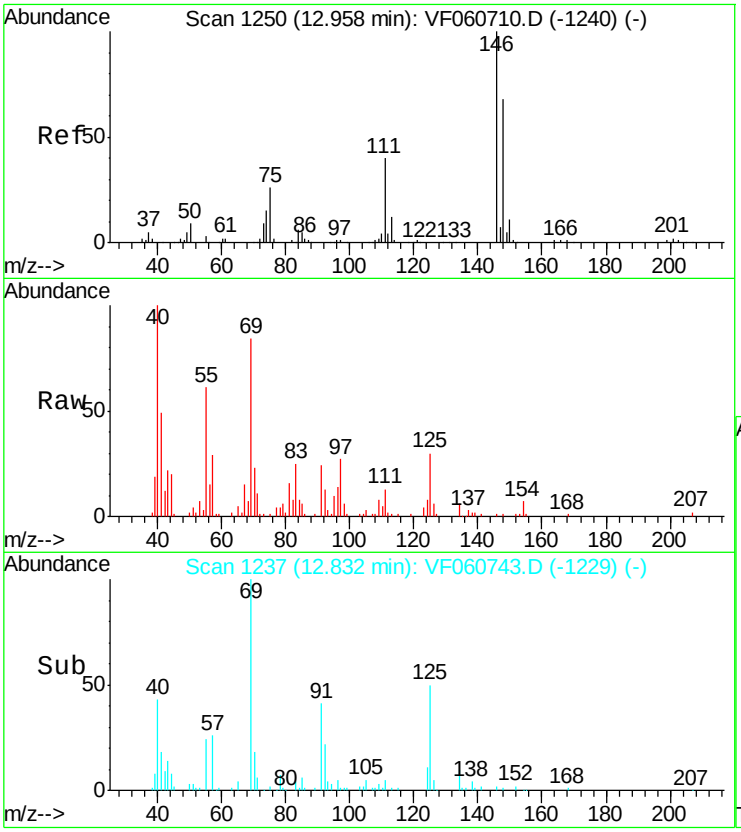


#90
Hexachloroethane
Concen: 15.46 ug/l
RT: 12.91 min Scan# 1245
Delta R.T. -0.02 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion:117 Resp: 537

Ion	Ratio	Lower	Upper
117	100		
201	0.0	29.4	88.3#



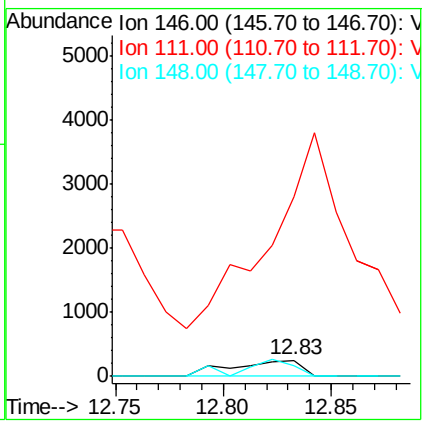


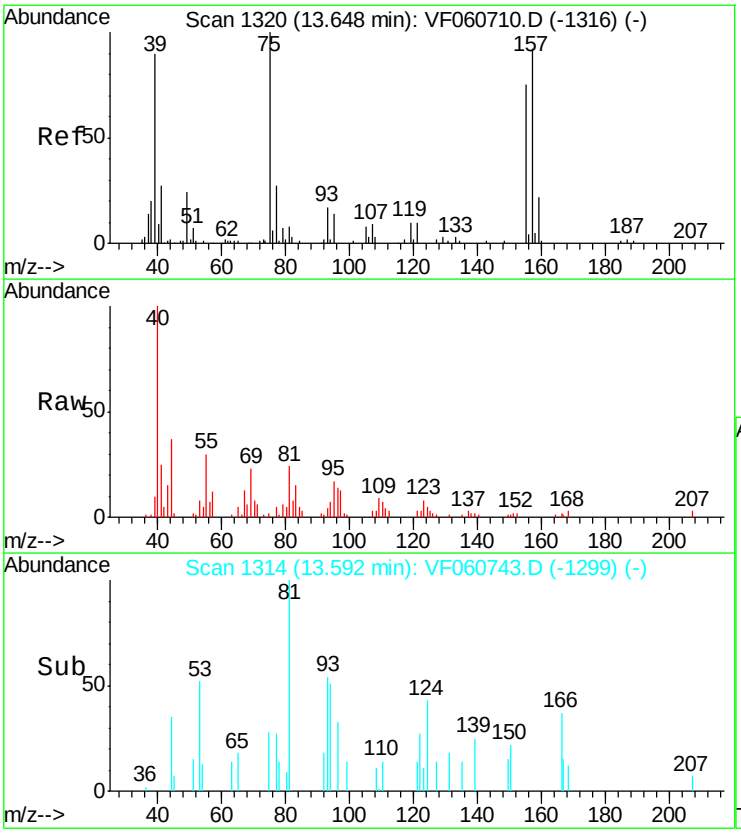
#91
1,2-Dichlorobenzene
Concen: 9.57 ug/l
RT: 12.83 min Scan# 1237
Delta R.T. -0.13 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion:146 Resp: 555

Ion	Ratio	Lower	Upper
146	100		
111	1105.5	20.3	60.8#
148	65.0	34.1	102.3

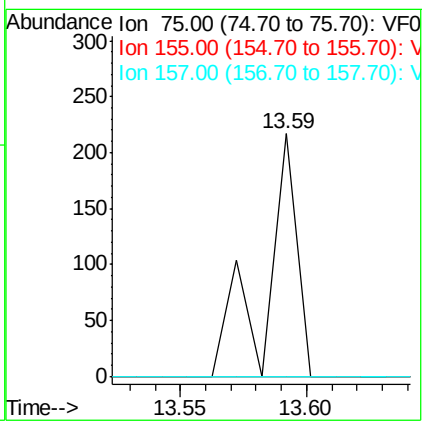


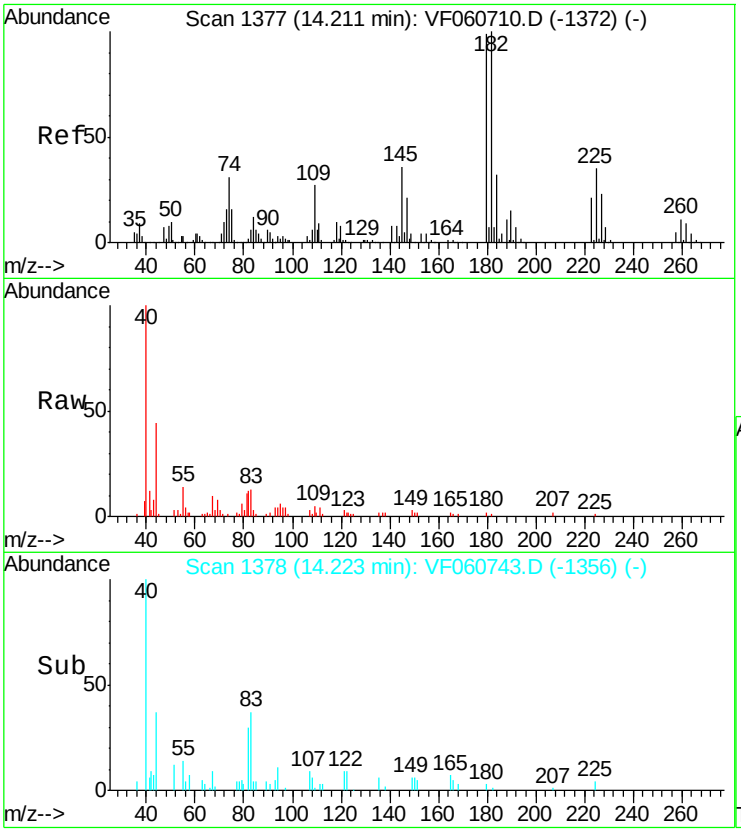


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.13 ug/l
RT: 13.59 min Scan# 1314
Delta R.T. -0.06 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 75 Resp: 190

Ion	Ratio	Lower	Upper
75	100		
155	0.0	37.4	112.2#
157	0.0	46.0	138.0#



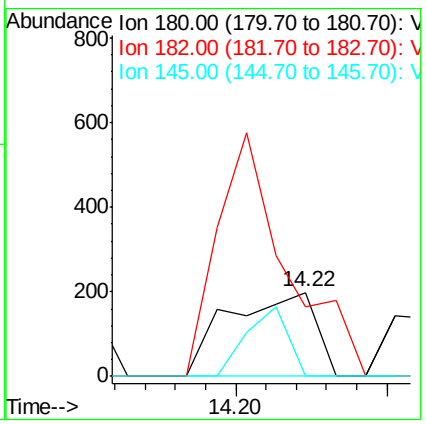


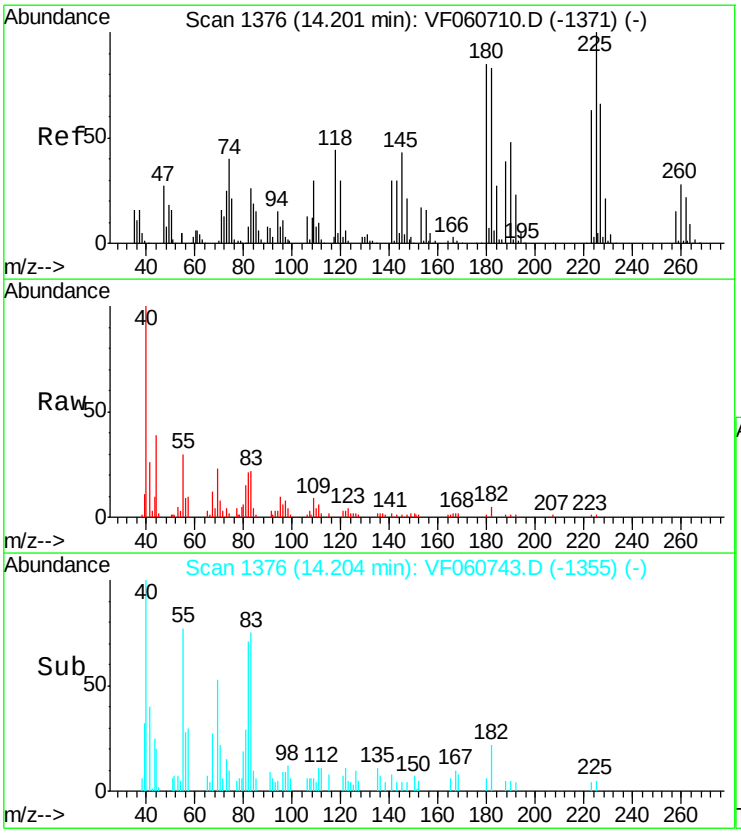
#93
1,2,4-Trichlorobenzene
Concen: 9.53 ug/l
RT: 14.22 min Scan# 1378
Delta R.T. 0.01 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion:180 Resp: 397

Ion	Ratio	Lower	Upper
180	100		
182	83.3	50.3	151.0
145	0.0	18.3	54.9#

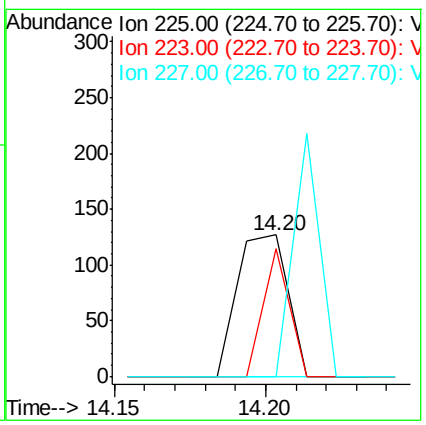


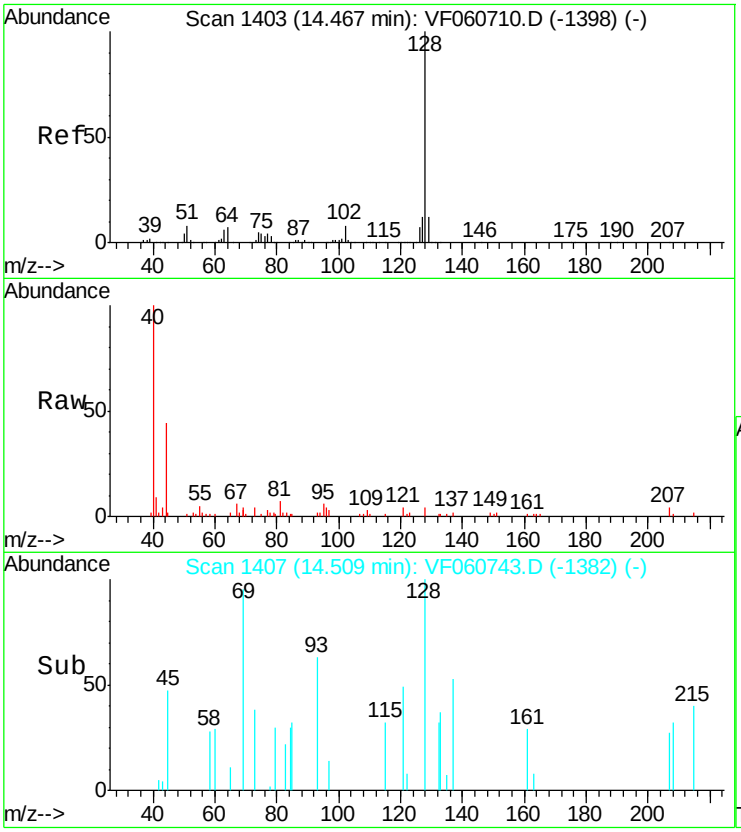


#94
Hexachlorobutadiene
Concen: 5.40 ug/l
RT: 14.20 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion:225 Resp: 147

Ion	Ratio	Lower	Upper
225	100		
223	90.6	31.5	94.5
227	0.0	33.0	99.0#



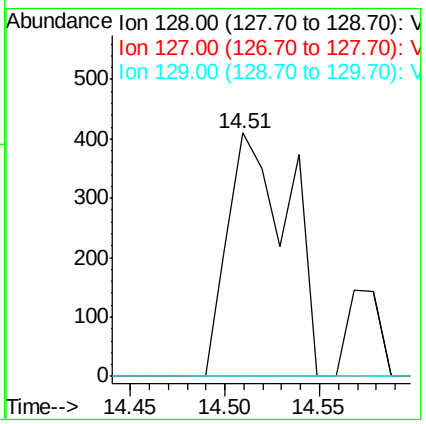


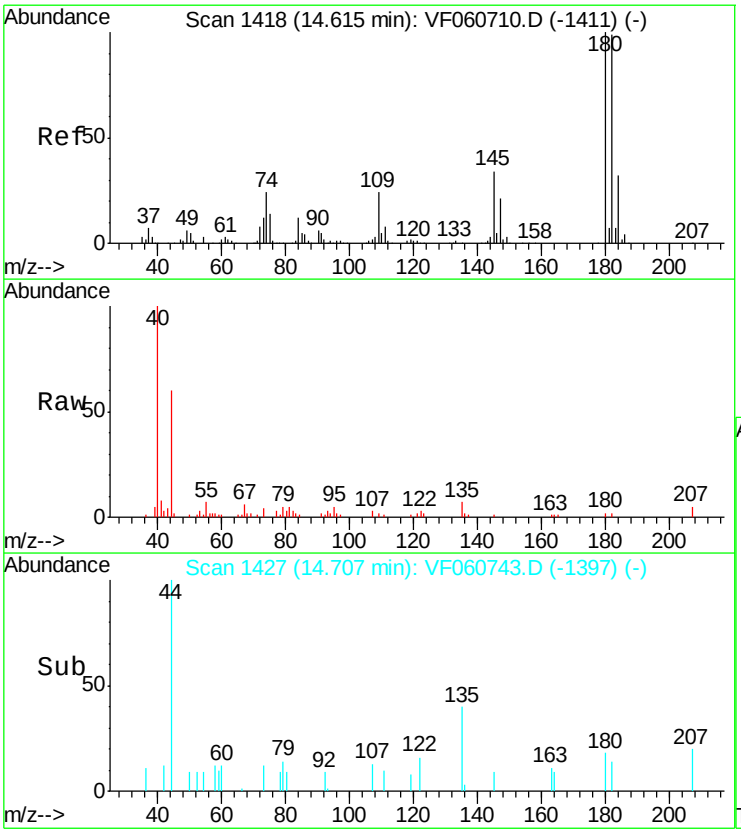
#95
Naphthalene
Concen: 12.11 ug/l
RT: 14.51 min Scan# 1407
Delta R.T. 0.04 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument : MSVOA_F
ClientSampleId : TP-1D1

Tgt Ion:128 Resp: 921

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
129	0.0	9.3	13.9#





#96
1,2,3-Trichlorobenzene
Concen: 5.89 ug/l
RT: 14.71 min Scan# 1427
Delta R.T. 0.09 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion:180 Resp: 227

Ion	Ratio	Lower	Upper
180	100		
182	77.8	49.6	149.0
145	50.7	16.9	50.7