Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052419\
Data File : VF062751.D
Acq On : 24 May 2019 17:19
Operator : FY/SY
Sample : K3041-10
Misc : 4.85g/5mL/MSVOA_F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Quant Time: May 24 23:06:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	36394	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	42903	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	16427	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	2712	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	4603	17.90	ug/l	-0.01
Spiked Amount 50.000			Recovery = 35.80%			
35) Dibromofluoromethane	4.32	113	10227	31.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 62.30%			
50) Toluene-d8	7.72	98	28105	35.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.72%			
62) 4-Bromofluorobenzene	11.49	95	4015	13.51	ug/l	-0.01
Spiked Amount 50.000			Recovery = 27.02%			
Target Compounds						Qvalue
3) Chloromethane	1.12	50	1416	3.105	ug/l #	40
4) Vinyl Chloride	1.18	62	583	1.389	ug/l	89
5) Bromomethane	1.34	94	503	2.190	ug/l #	77
6) Chloroethane	1.44	64	649	4.210	ug/l #	76
8) Diethyl Ether	1.71	74	542	4.854	ug/l	81
11) Tert butyl alcohol	2.69	59	431	25.384	ug/l #	1
12) 1,1-Dichloroethene	1.88	96	687	2.101	ug/l #	2
13) Acrolein	2.11	56	982	55.406	ug/l	93
14) Allyl chloride	2.19	41	1822	6.158	ug/l #	51
15) Acrylonitrile	3.08	53	162	3.382	ug/l #	30
16) Acetone	2.34	43	5093	76.334	ug/l	91
17) Carbon Disulfide	1.86	76	6574	6.784	ug/l #	64
18) Methyl Acetate	2.45	43	430	4.101	ug/l #	52
20) Methylene Chloride	2.30	84	2350	7.027	ug/l #	64
21) trans-1,2-Dichloroethene	2.45	96	468	1.465	ug/l #	77
22) Diisopropyl ether	2.92	45	1464	2.006	ug/l #	84
23) Vinyl Acetate	3.33	43	909	1.846	ug/l #	73
24) 1,1-Dichloroethane	2.99	63	578	1.080	ug/l #	27
25) 2-Butanone	4.59	43	675	4.735	ug/l	91
26) 2,2-Dichloropropane	3.69	77	623	2.034	ug/l	95
29) Tetrahydrofuran	4.22	42	2320	40.219	ug/l #	49
37) Ethyl Acetate	4.30	43	224	1.248	ug/l #	4
41) Methacrylonitrile	4.90	41	283	3.007	ug/l #	46
42) 1,2-Dichloroethane	5.18	62	420	1.759	ug/l	71
43) Isopropyl Acetate	7.14	43	482	2.073	ug/l #	96
45) 1,2-Dichloropropane	6.40	63	486	1.608	ug/l #	42
46) Dibromomethane	6.18	93	313	1.791	ug/l	85
48) Methyl methacrylate	6.89	41	816	6.713	ug/l #	41
49) 1,4-Dioxane	6.88	88	366	235.100	ug/l #	43
51) 4-Methyl-2-Pentanone	8.39	43	700	4.404	ug/l #	32
53) t-1,3-Dichloropropene	8.40	75	549	1.850	ug/l #	32
55) 1,1,2-Trichloroethane	8.61	97	1094	5.883	ug/l #	46
56) Ethyl methacrylate	8.74	69	486	2.194	ug/l #	9
57) 1,3-Dichloropropane	9.00	76	322	1.017	ug/l #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052419\
Data File : VF062751.D
Acq On : 24 May 2019 17:19
Operator : FY/SY
Sample : K3041-10
Misc : 4.85g/5mL/MSVOA F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Quant Time: May 24 23:06:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	7.42	63	315	4.368 ug/l #	3
59) 2-Hexanone	9.55	43	760	Below Cal	99
61) 1,2-Dibromoethane	9.13	107	325	1.645 ug/l	88
64) Tetrachloroethene	8.36	164	247	1.898 ug/l #	1
67) Ethyl Benzene	10.02	91	752	1.342 ug/l #	42
70) Styrene	10.91	104	350	1.061 ug/l #	52
71) Bromoform	10.92	173	87	1.341 ug/l #	27
73) Isopropylbenzene	11.21	105	673	3.462 ug/l	95
74) N-amyl acetate	11.47	43	1140	19.790 ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.75	83	178	4.481 ug/l #	94
76) 1,2,3-Trichloropropane	11.90	75	283	10.843 ug/l #	61
77) Bromobenzene	11.53	156	91	1.883 ug/l #	33
78) n-propylbenzene	11.68	91	738	3.208 ug/l #	18
79) 2-Chlorotoluene	11.80	91	305	2.353 ug/l #	39
80) 1,3,5-Trimethylbenzene	11.90	105	162	1.039 ug/l	73
81) trans-1,4-Dichloro-2-buten	11.96	75	642	55.336 ug/l #	54
82) 4-Chlorotoluene	11.96	91	329	2.573 ug/l	80
83) tert-Butylbenzene	12.19	119	703	4.446 ug/l #	42
84) 1,2,4-Trimethylbenzene	12.19	105	180	1.193 ug/l	82
85) sec-Butylbenzene	12.35	105	474	2.234 ug/l #	54
86) p-Isopropyltoluene	12.51	119	189	1.057 ug/l #	4
87) 1,3-Dichlorobenzene	12.54	146	102	1.167 ug/l #	45
88) 1,4-Dichlorobenzene	12.60	146	108	1.317 ug/l #	1
89) n-Butylbenzene	12.92	91	219	1.242 ug/l #	25
90) Hexachloroethane	12.93	117	170	3.963 ug/l #	20
91) 1,2-Dichlorobenzene	12.99	146	106	1.360 ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.66	75	274	57.821 ug/l #	1
93) 1,2,4-Trichlorobenzene	14.24	180	90	1.614 ug/l #	11
94) Hexachlorobutadiene	14.17	225	223	5.729 ug/l #	16
95) Naphthalene	14.50	128	115	1.135 ug/l #	69
96) 1,2,3-Trichlorobenzene	14.65	180	156	2.953 ug/l #	11

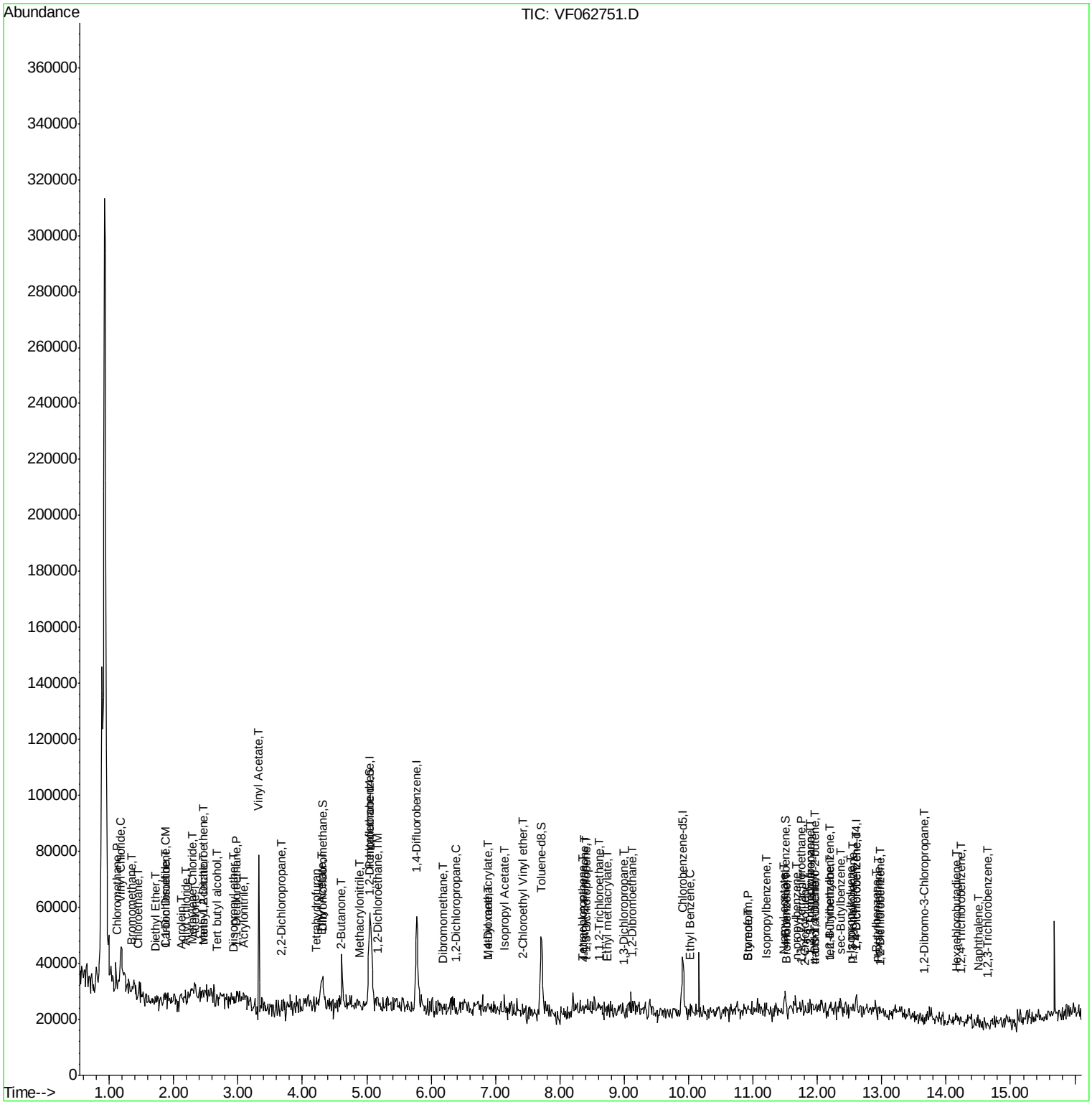
(#) = qualifier out of range (m) = manual integration (+) = signals summed

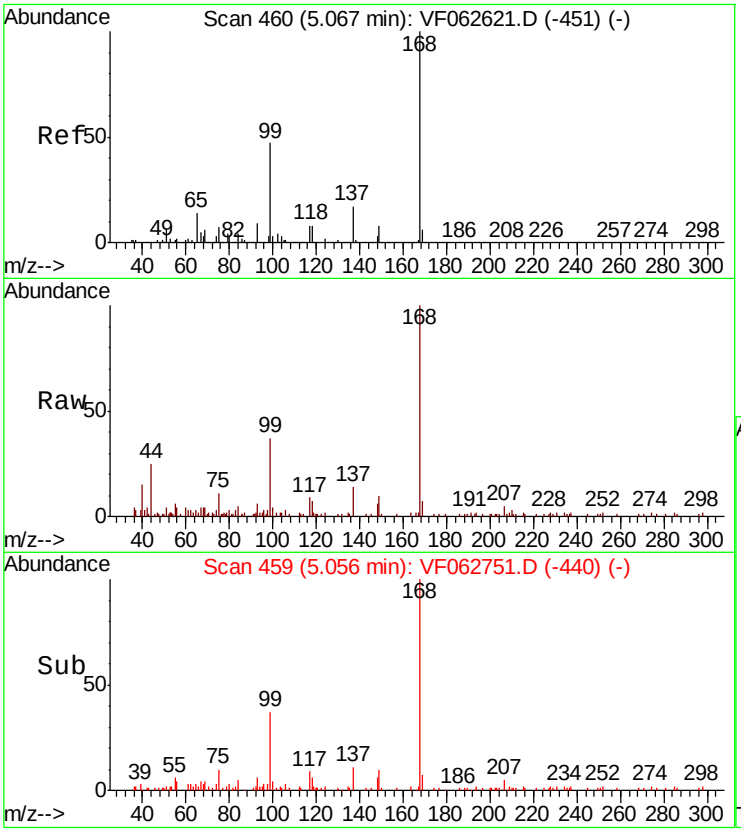
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052419\
Data File : VF062751.D
Acq On : 24 May 2019 17:19
Operator : FY/SY
Sample : K3041-10
Misc : 4.85g/5mL/MSVOA_F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Quant Time: May 24 23:06:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration



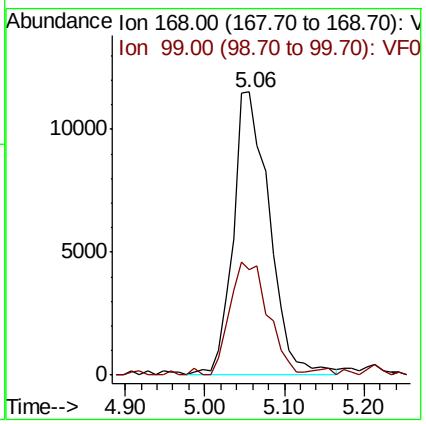


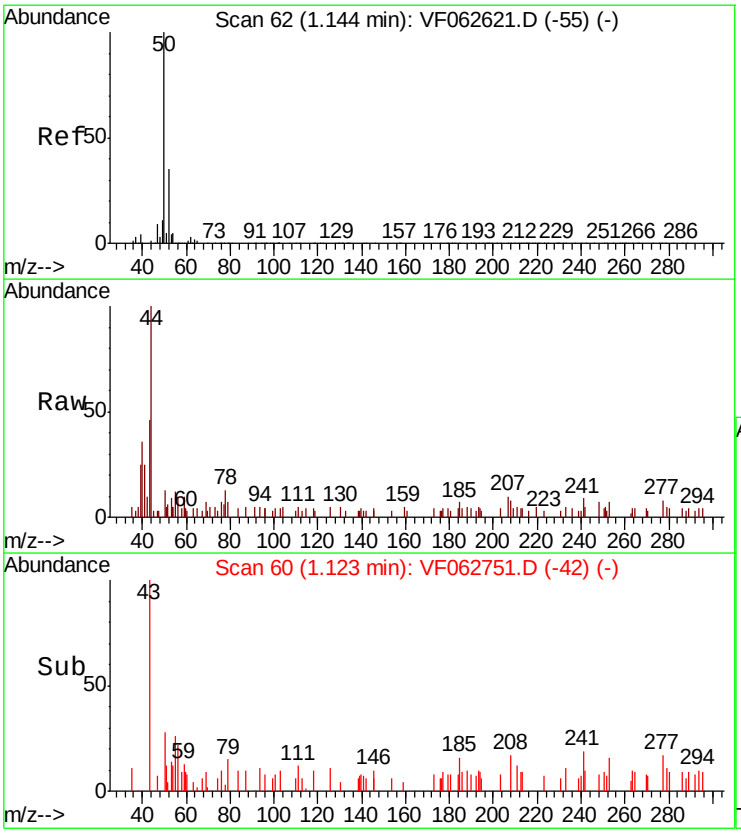
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion:168 Resp: 36394

Ion	Ratio	Lower	Upper
168	100		
99	37.0	37.8	56.8#

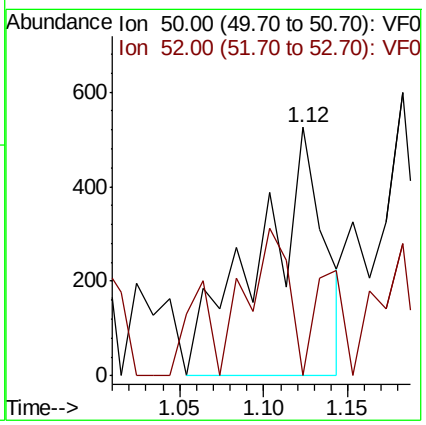


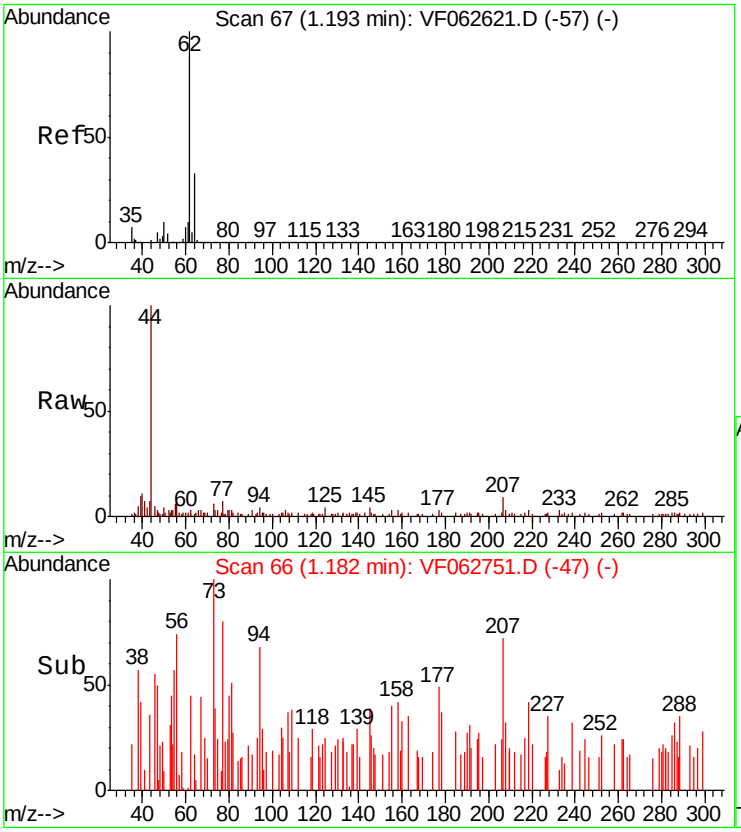


#3
Chloromethane
Concen: 3.105 ug/l
RT: 1.12 min Scan# 60
Delta R.T. -0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 50 Resp: 1416

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.5	41.3#



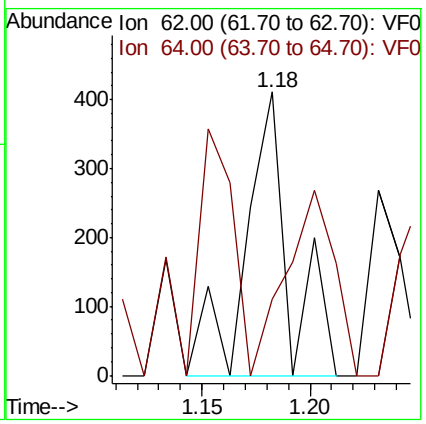


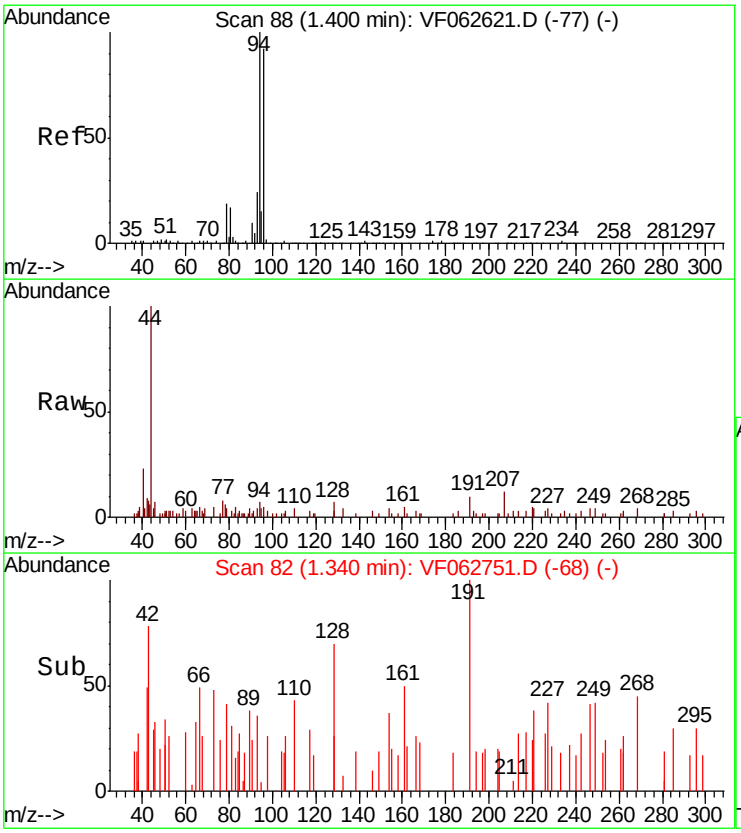
#4
Vinyl Chloride
Concen: 1.389 ug/l
RT: 1.18 min Scan# 66
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 62 Resp: 583

Ion	Ratio	Lower	Upper
62	100		
64	27.0	26.7	40.1

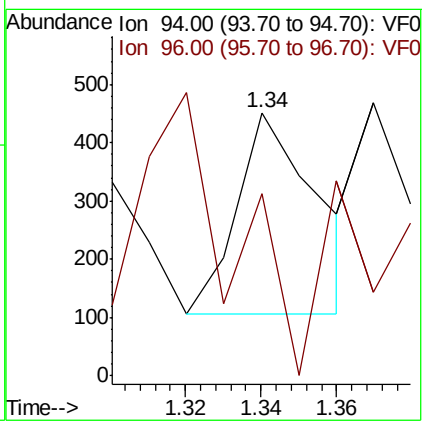


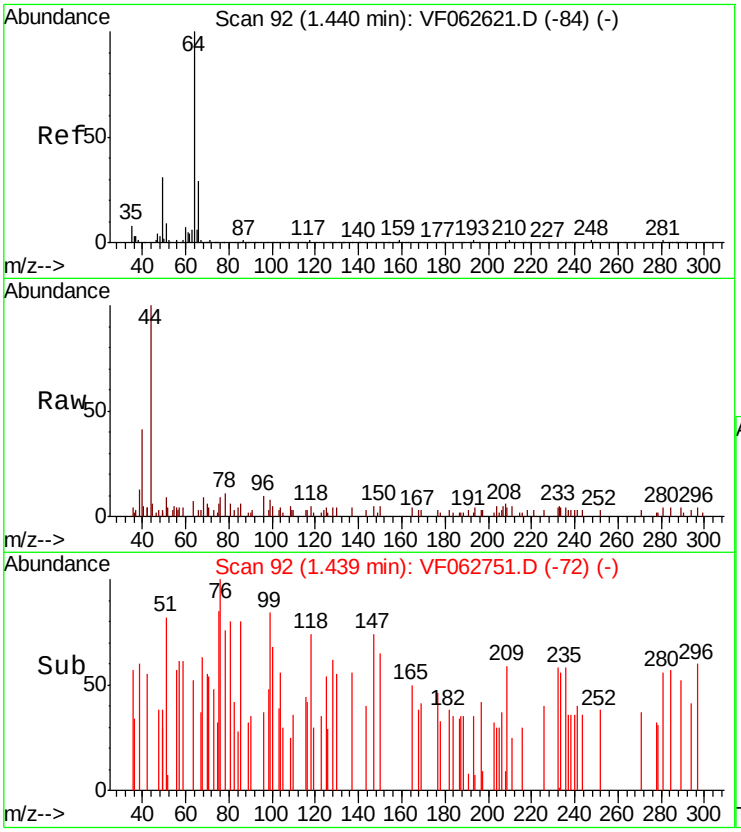


#5
Bromomethane
Concen: 2.190 ug/l
RT: 1.34 min Scan# 82
Delta R.T. -0.06 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 94 Resp: 503

Ion	Ratio	Lower	Upper
94	100		
96	69.2	73.2	109.8#



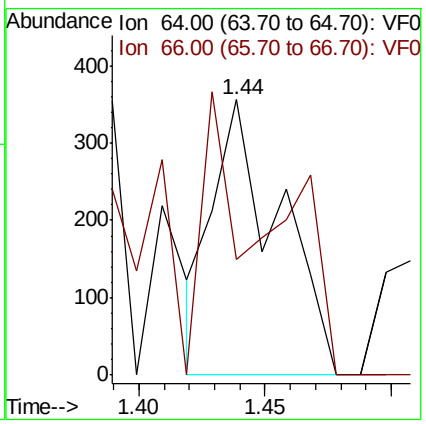


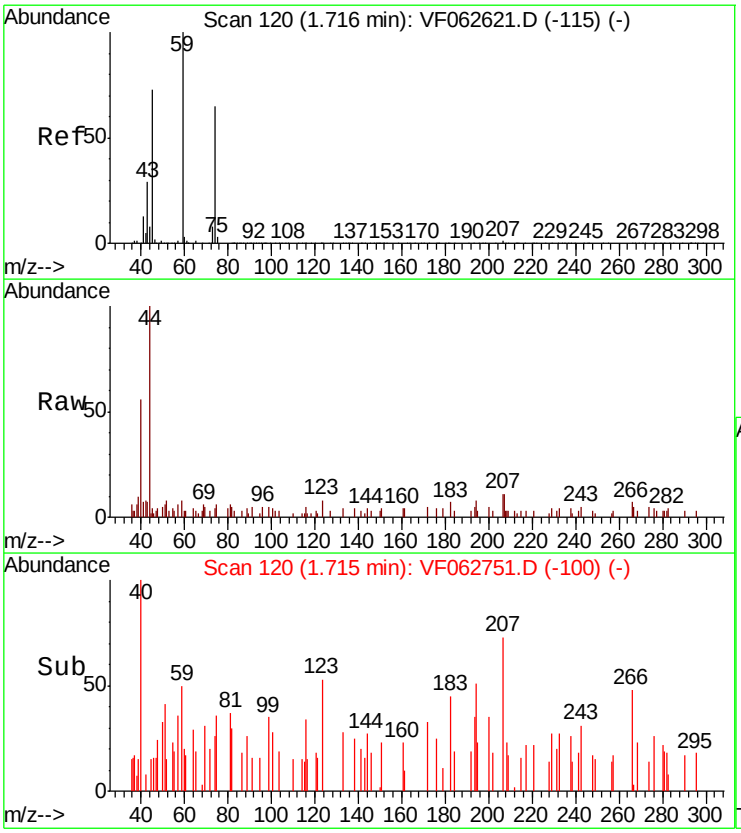
#6
Chloroethane
Concen: 4.210 ug/l
RT: 1.44 min Scan# 92
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 64 Resp: 649

Ion	Ratio	Lower	Upper
64	100		
66	42.1	23.4	35.2#

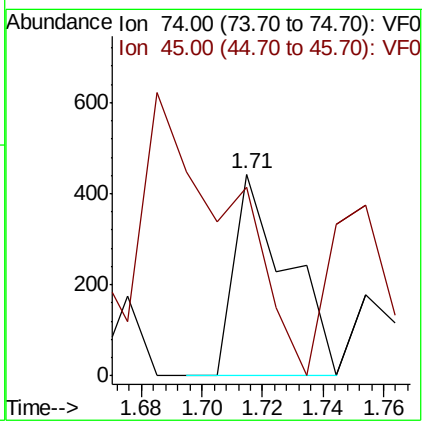


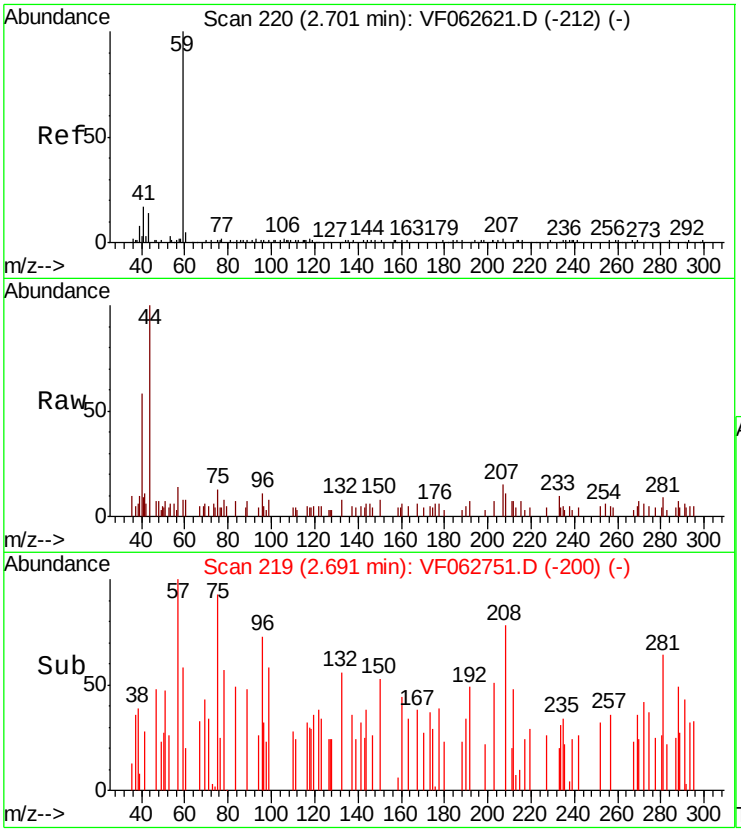


#8
Diethyl Ether
Concen: 4.854 ug/l
RT: 1.71 min Scan# 120
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 74 Resp: 542

Ion	Ratio	Lower	Upper
74	100		
45	93.5	57.0	170.8



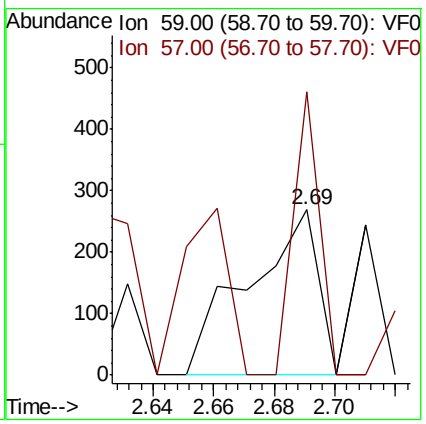


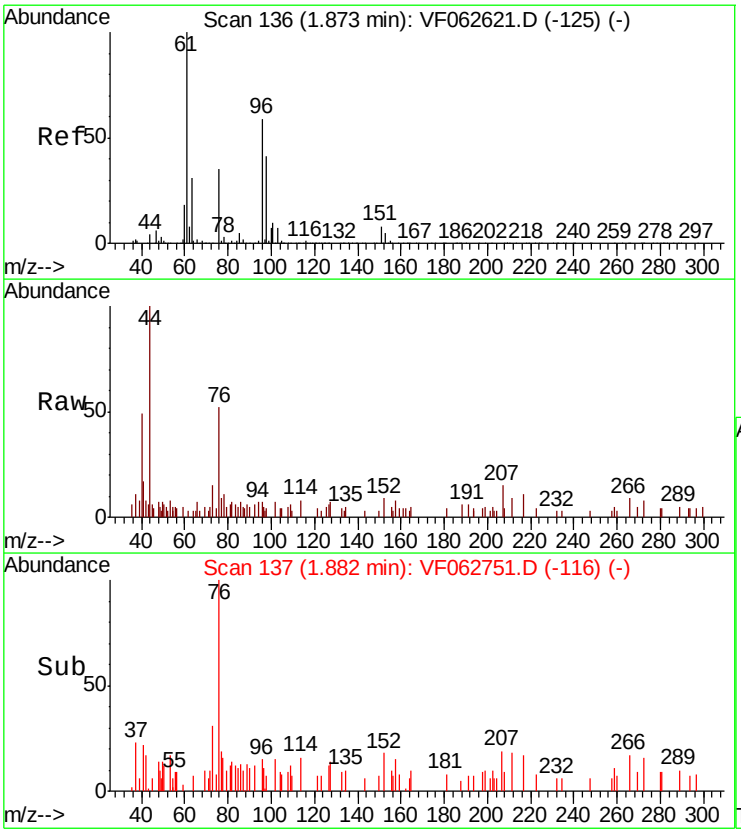
#11
Tert butyl alcohol
Concen: 25.384 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion: 59 Resp: 431

Ion	Ratio	Lower	Upper
59	100		
57	171.4	9.3	13.9#

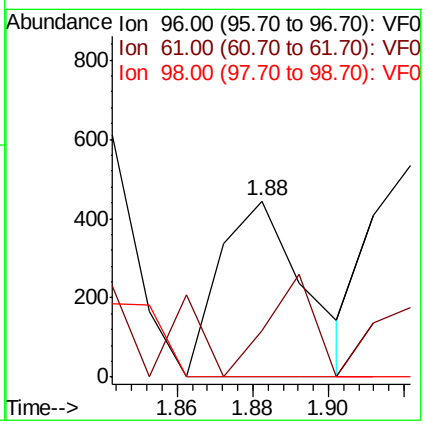


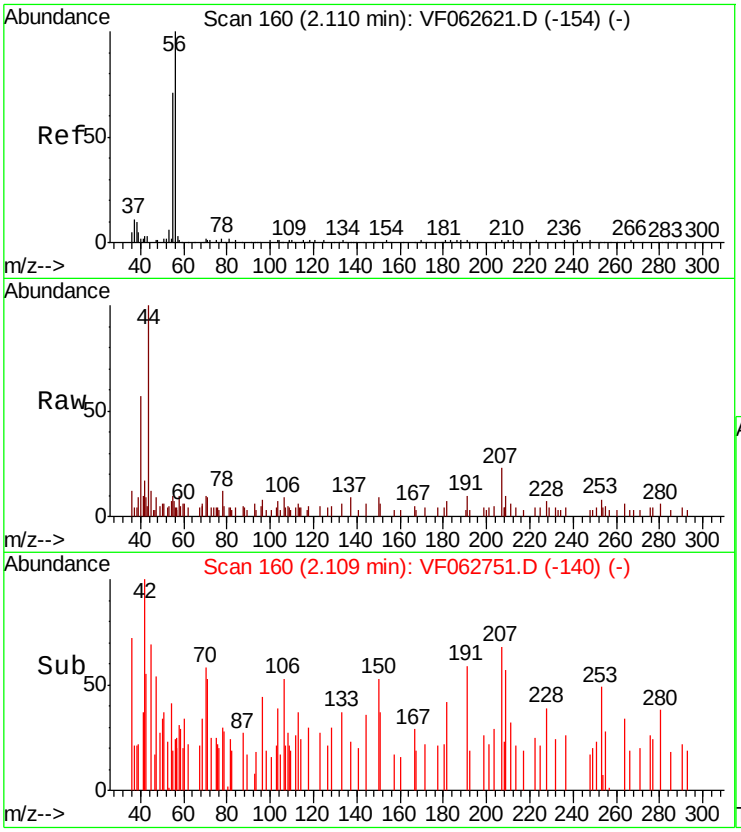


#12
1,1-Dichloroethene
Concen: 2.101 ug/l
RT: 1.88 min Scan# 137
Delta R.T. 0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 96 Resp: 687

Ion	Ratio	Lower	Upper
96	100		
61	26.3	134.3	201.5#
98	0.0	55.0	82.6#



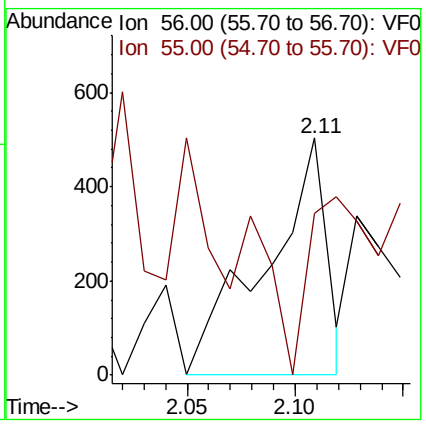


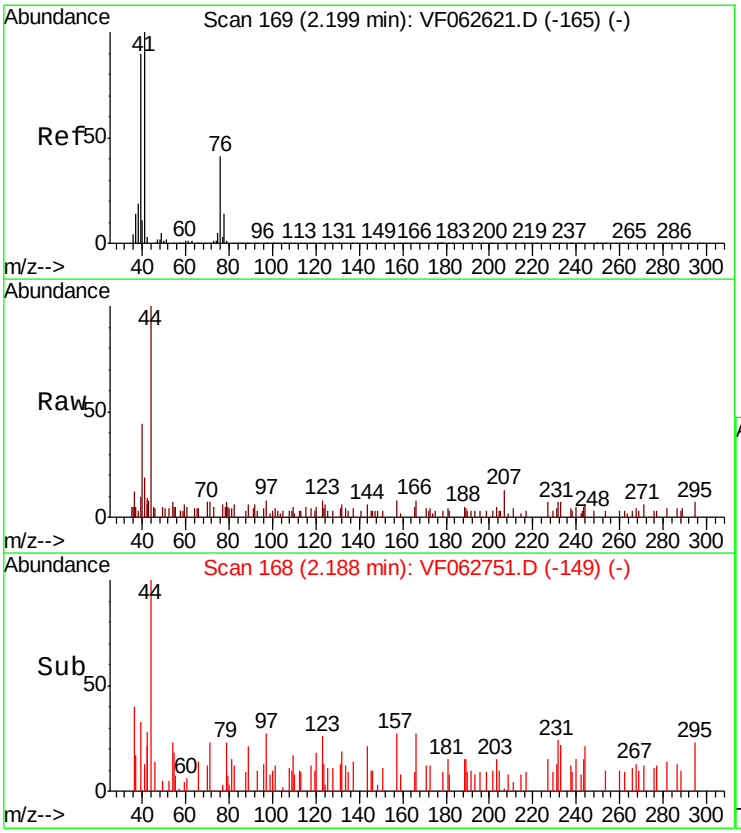
#13
Acrolein
Concen: 55.406 ug/l
RT: 2.11 min Scan# 160
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 56 Resp: 982

Ion	Ratio	Lower	Upper
56	100		
55	68.4	59.4	89.0

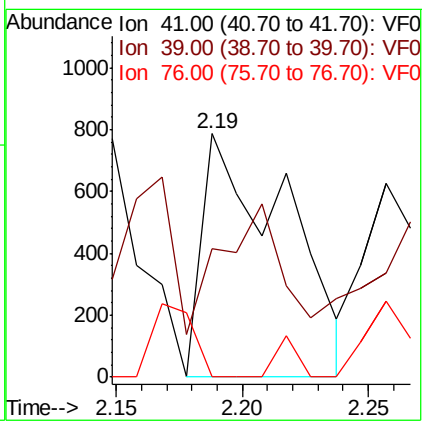


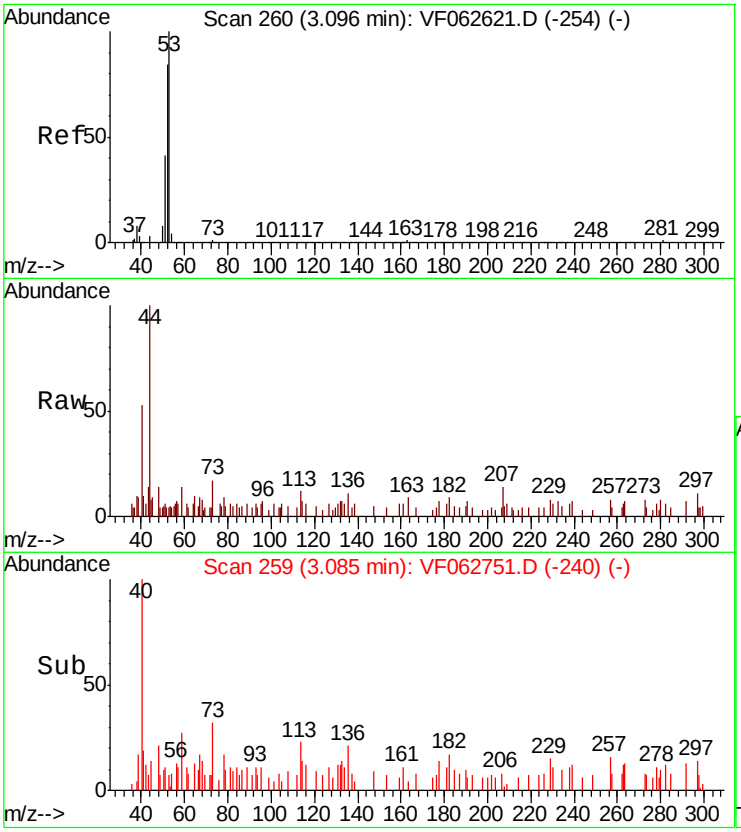


#14
Allyl chloride
Concen: 6.158 ug/l
RT: 2.19 min Scan# 168
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 41 Resp: 1822

Ion	Ratio	Lower	Upper
41	100		
39	52.6	72.0	108.0#
76	0.0	34.8	52.2#



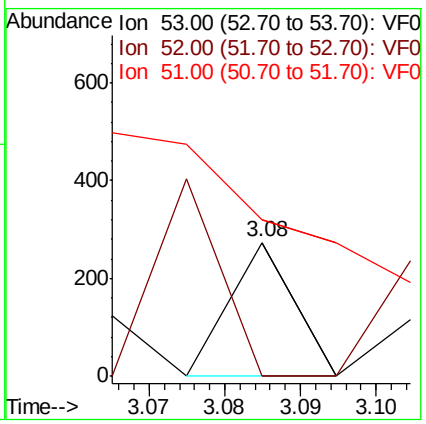


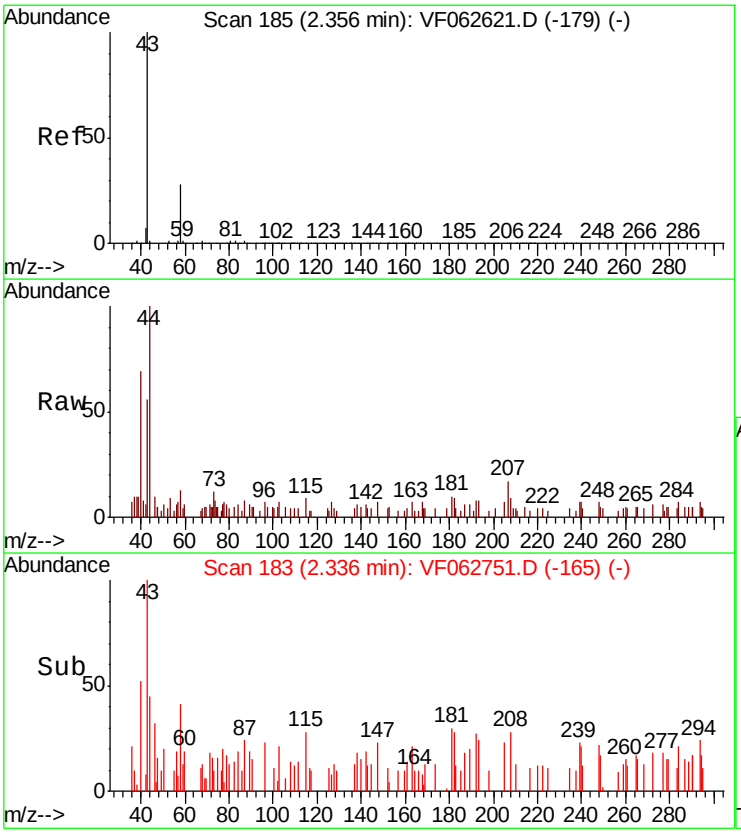
#15
Acrylonitrile
Concen: 3.382 ug/l
RT: 3.08 min Scan# 259
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion: 53 Resp: 162

Ion	Ratio	Lower	Upper
53	100		
52	42.7	67.3	100.9#
51	117.2	33.0	49.6#

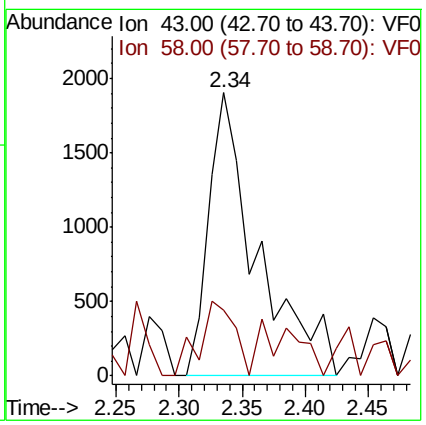


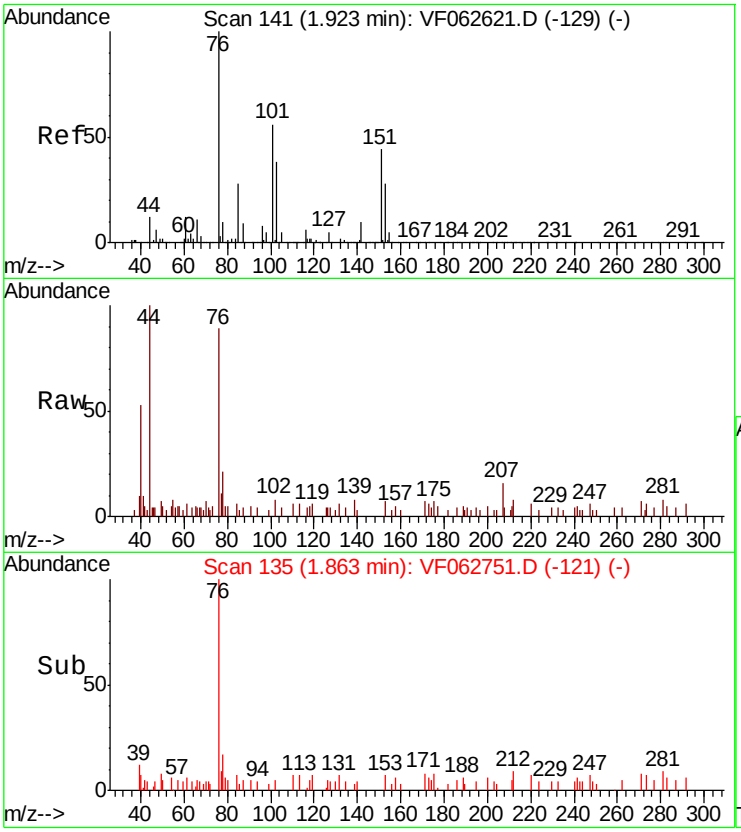


#16
Acetone
Concen: 76.334 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 43 Resp: 5093

Ion	Ratio	Lower	Upper
43	100		
58	23.3	22.6	33.8



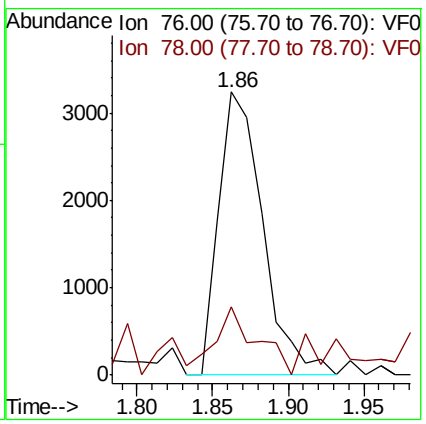


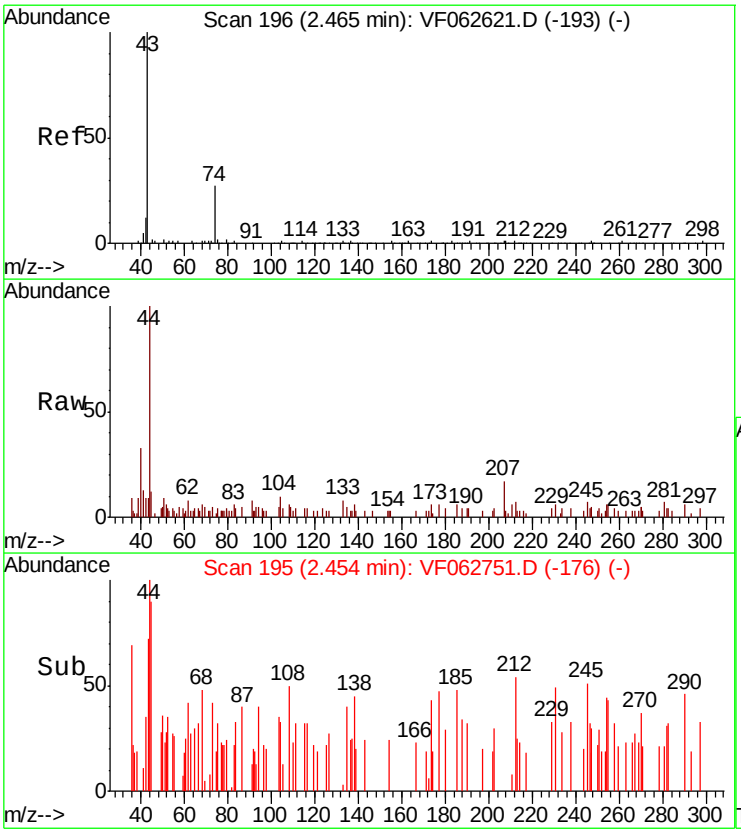
#17
Carbon Disulfide
Concen: 6.784 ug/l
RT: 1.86 min Scan# 135
Delta R.T. -0.06 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 76 Resp: 6574

Ion	Ratio	Lower	Upper
76	100		
78	24.1	8.4	12.6#

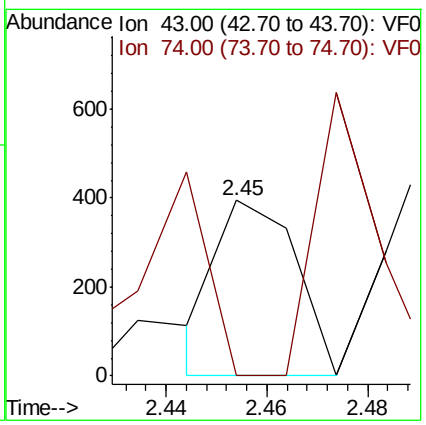


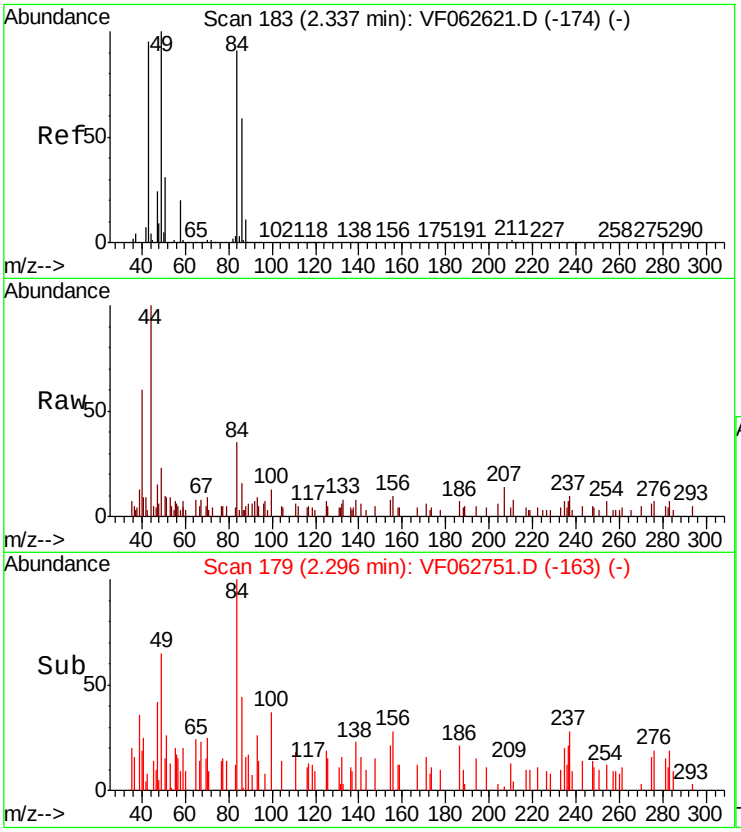


#18
Methyl Acetate
Concen: 4.101 ug/l
RT: 2.45 min Scan# 195
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 43 Resp: 430

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.9	28.3#



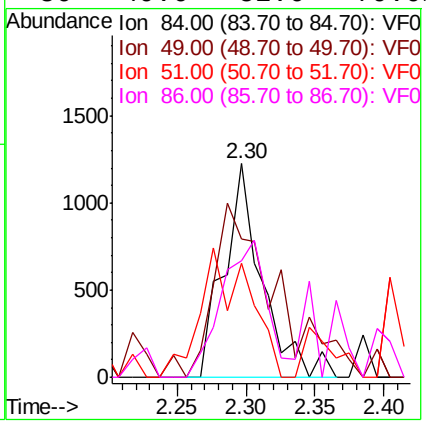


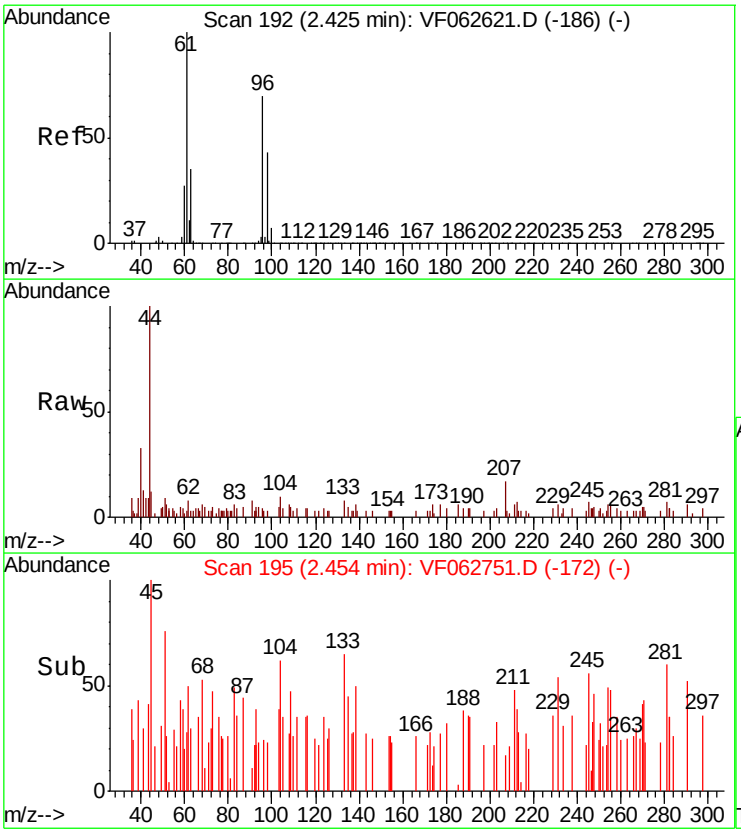
#20
Methylene Chloride
Concen: 7.027 ug/l
RT: 2.30 min Scan# 179
Delta R.T. -0.04 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion: 84 Resp: 2350

Ion	Ratio	Lower	Upper
84	100		
49	58.9	89.8	134.8#
51	48.9	28.4	42.6#
86	49.6	52.6	79.0#

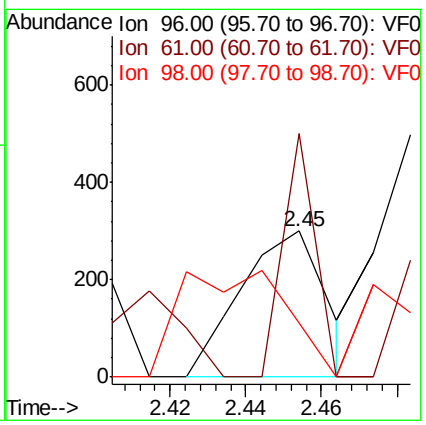


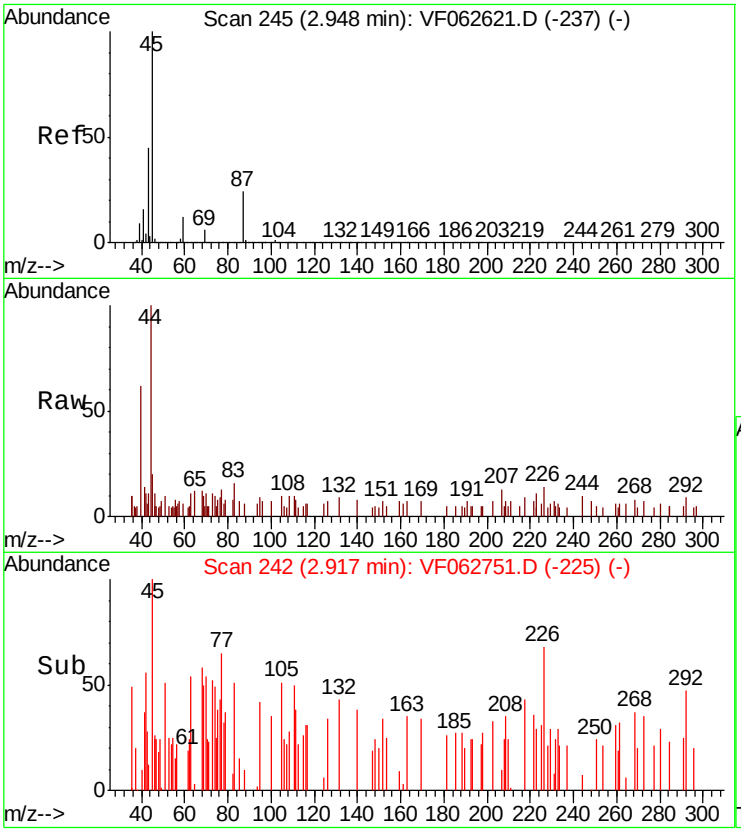


#21
trans-1,2-Dichloroethene
Concen: 1.465 ug/l
RT: 2.45 min Scan# 195
Delta R.T. 0.03 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 96 Resp: 468

Ion	Ratio	Lower	Upper
96	100		
61	166.7	114.6	171.8
98	37.3	49.5	74.3#



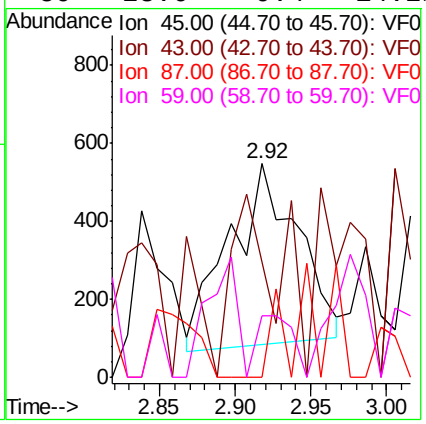


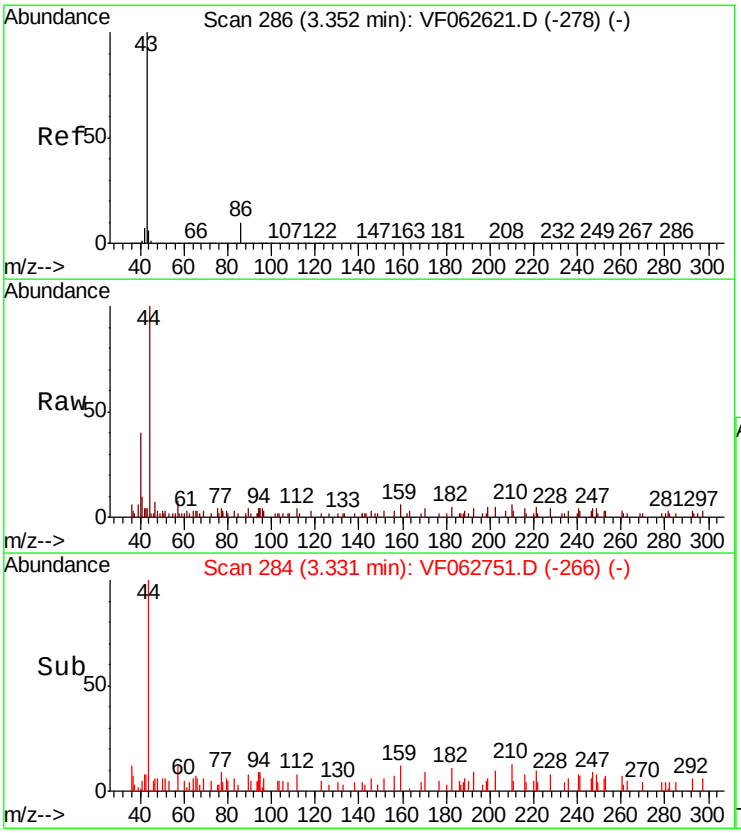
#22
Diisopropyl ether
Concen: 2.006 ug/l
RT: 2.92 min Scan# 242
Delta R.T. -0.03 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion: 45 Resp: 1464

Ion	Ratio	Lower	Upper
45	100		
43	54.2	36.4	54.6
87	28.5	19.3	28.9
59	28.6	9.4	14.2#

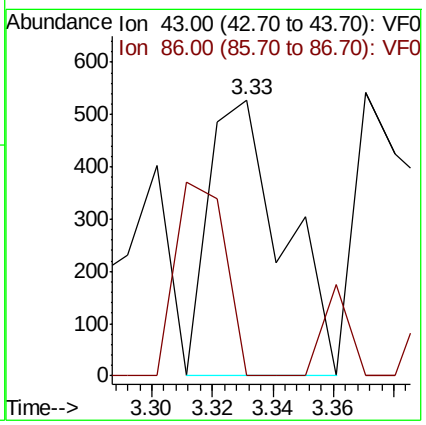


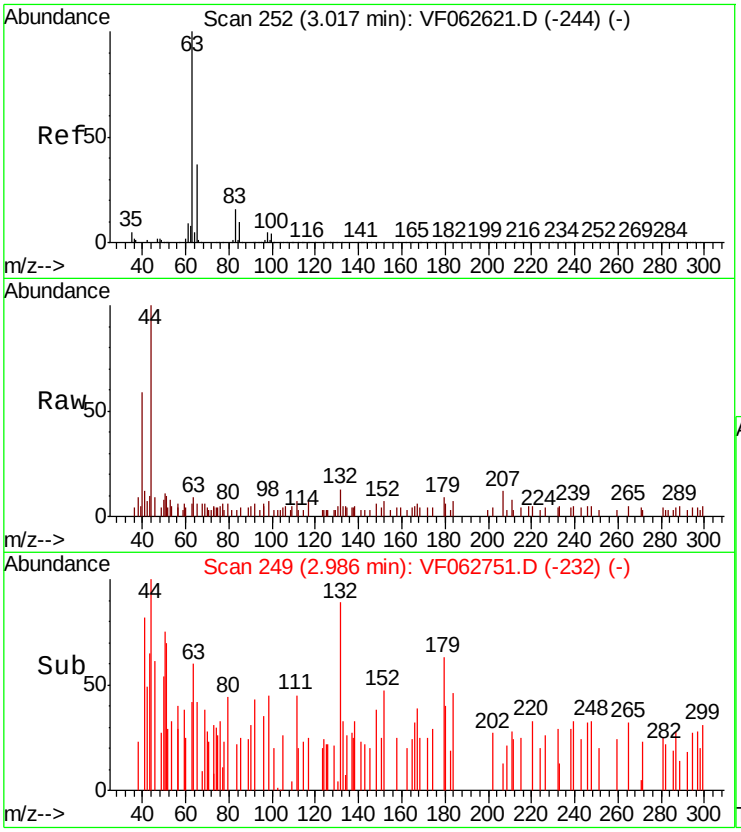


#23
Vinyl Acetate
Concen: 1.846 ug/l
RT: 3.33 min Scan# 284
Delta R.T. -0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 43 Resp: 909

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.2#



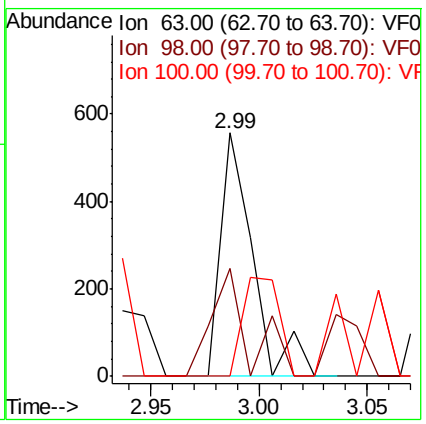


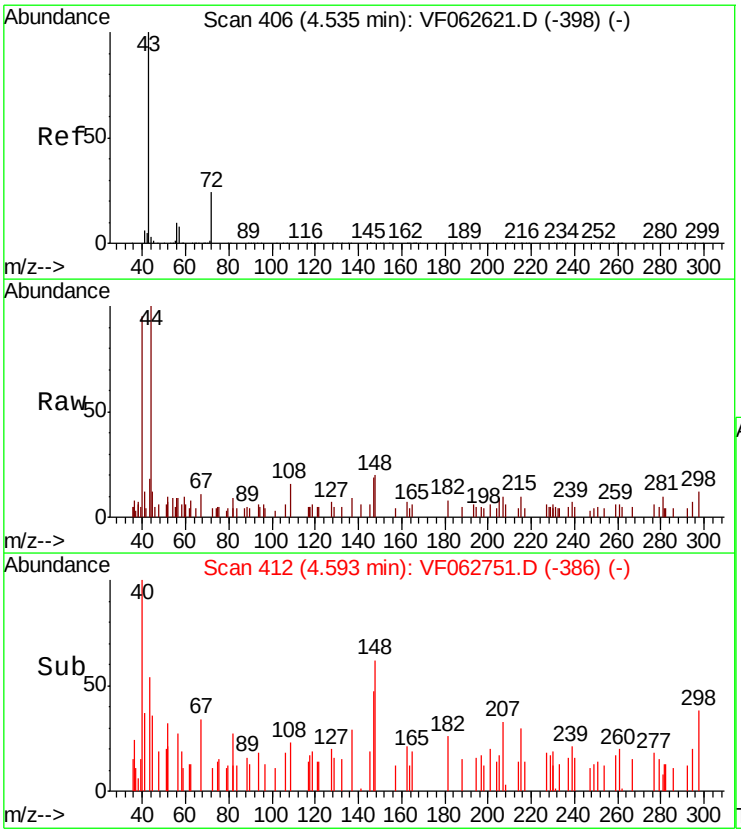
#24
1,1-Dichloroethane
Concen: 1.080 ug/l
RT: 2.99 min Scan# 249
Delta R.T. -0.03 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion: 63 Resp: 578

Ion	Ratio	Lower	Upper
63	100		
98	44.3	2.8	8.3#
100	0.0	1.9	5.7#

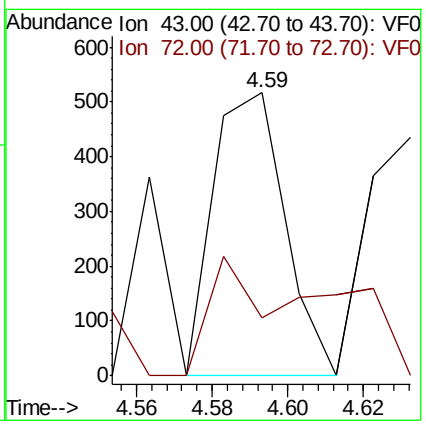


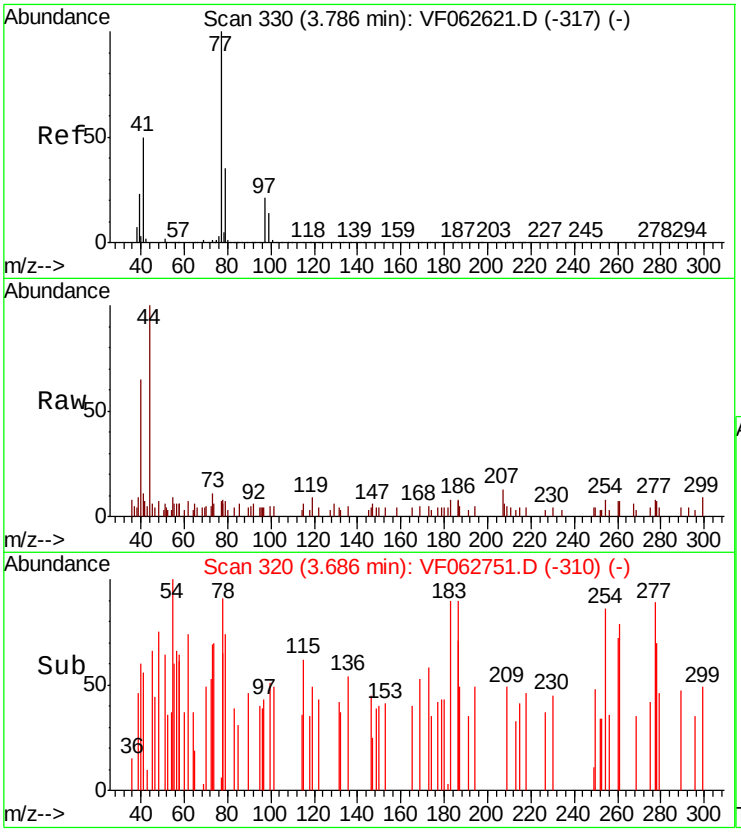


#25
2-Butanone
Concen: 4.735 ug/l
RT: 4.59 min Scan# 412
Delta R.T. 0.06 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 43 Resp: 675

Ion	Ratio	Lower	Upper
43	100		
72	20.5	20.1	30.1



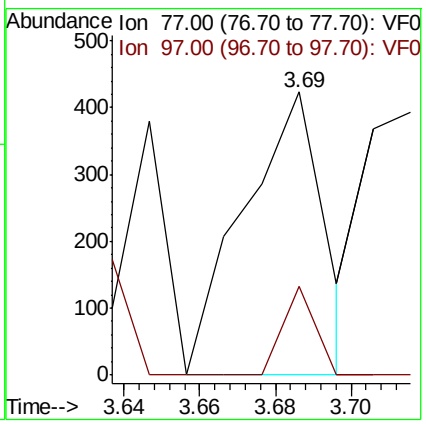


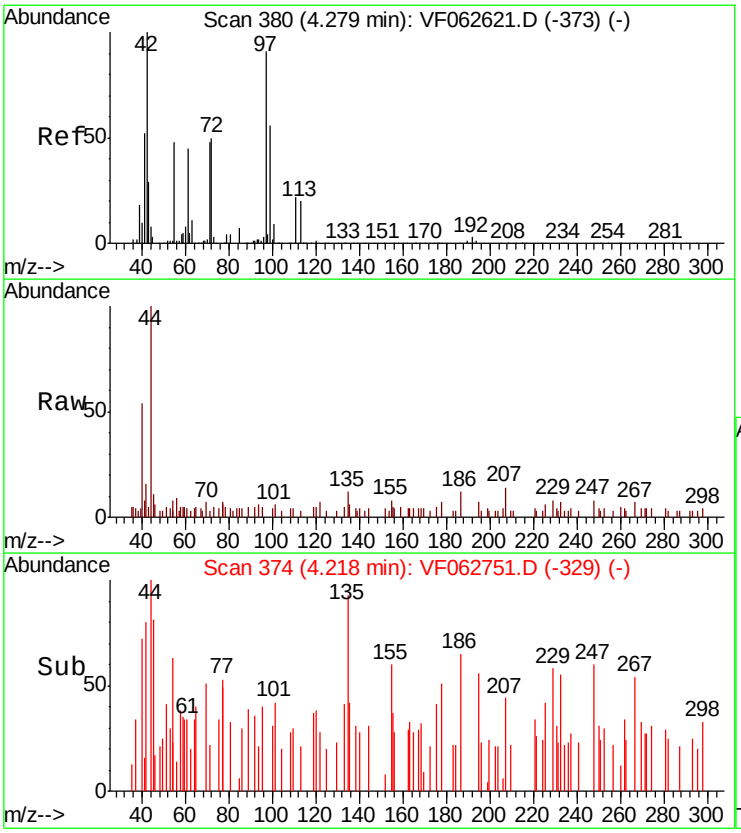
#26
2,2-Dichloropropane
Concen: 2.034 ug/l
RT: 3.69 min Scan# 320
Delta R.T. -0.10 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 77 Resp: 623

Ion	Ratio	Lower	Upper
77	100		
97	31.2	14.1	42.4

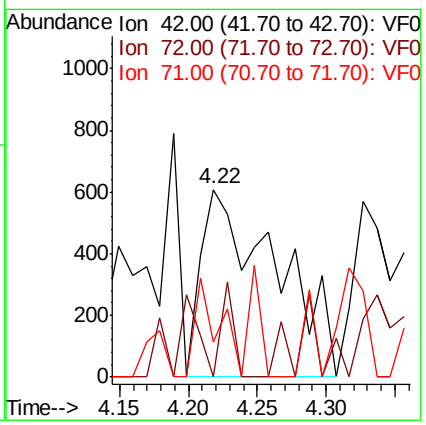


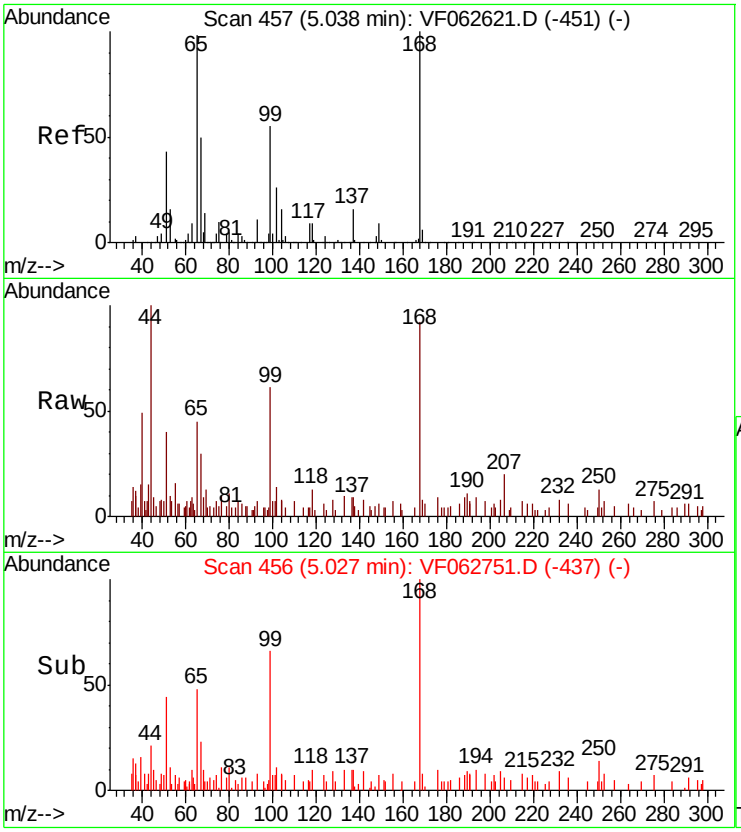


#29
Tetrahydrofuran
Concen: 40.219 ug/l
RT: 4.22 min Scan# 374
Delta R.T. -0.06 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 42 Resp: 2320

Ion	Ratio	Lower	Upper
42	100		
72	7.8	38.2	57.2#
71	16.8	35.8	53.6#



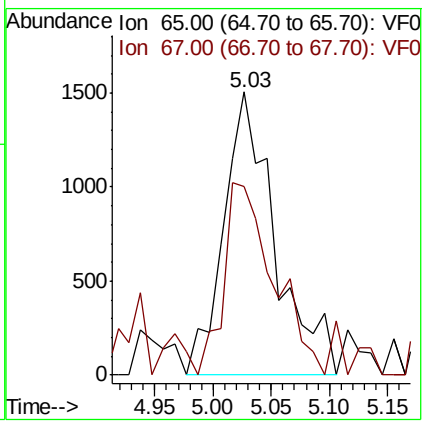


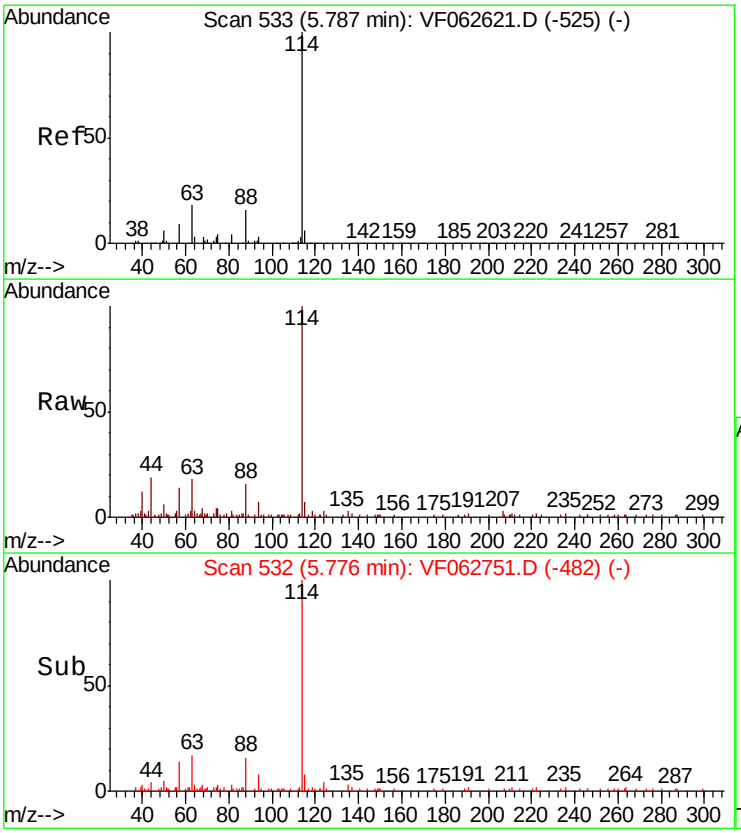
#33
1,2-Dichloroethane-d4
Concen: 17.898 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 65 Resp: 4603

Ion	Ratio	Lower	Upper
65	100		
67	66.5	0.0	117.6

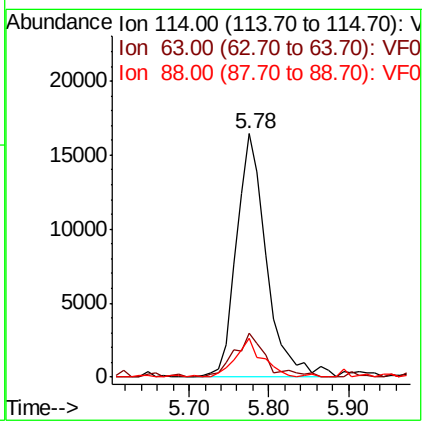


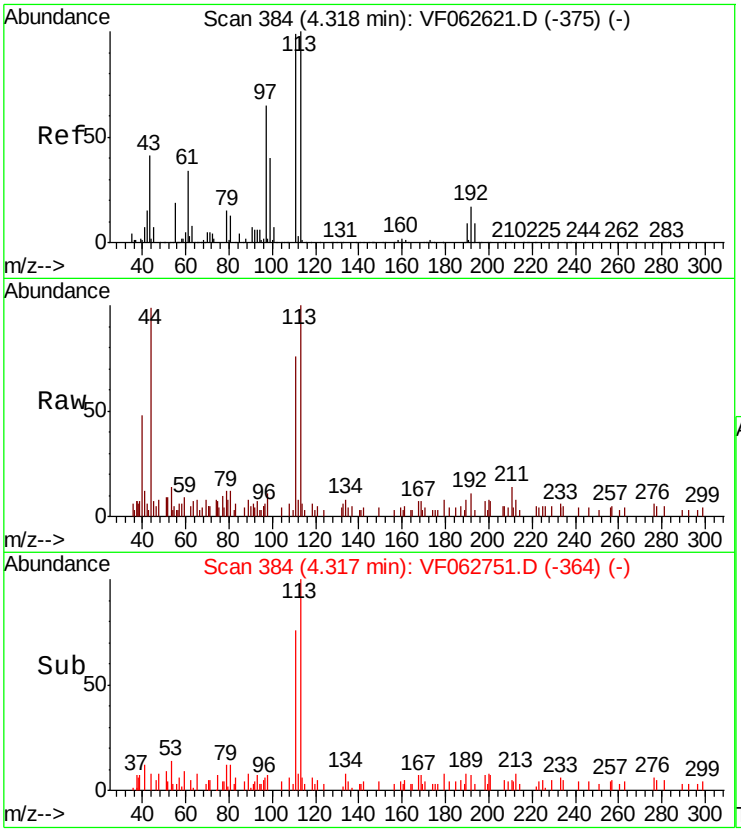


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion:114 Resp: 42903

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.4
88	15.7	0.0	32.4



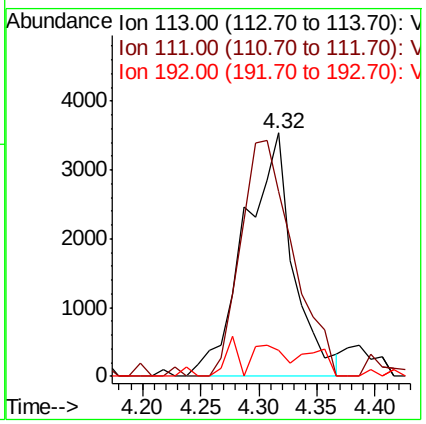


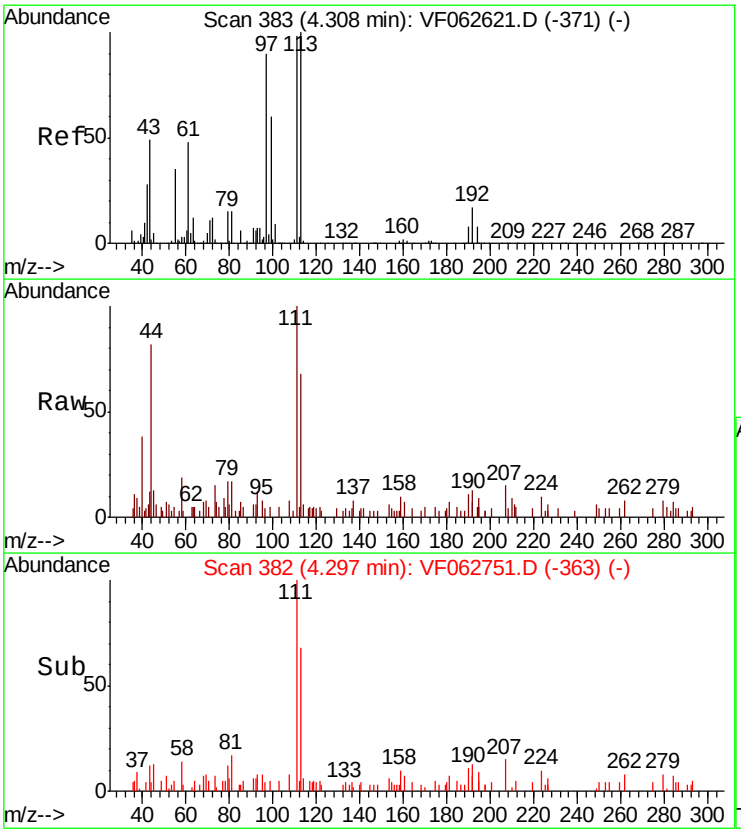
#35
Dibromofluoromethane
Concen: 31.152 ug/l
RT: 4.32 min Scan# 384
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion:113 Resp: 10227

Ion	Ratio	Lower	Upper
113	100		
111	75.6	79.4	119.2#
192	10.7	13.4	20.2#

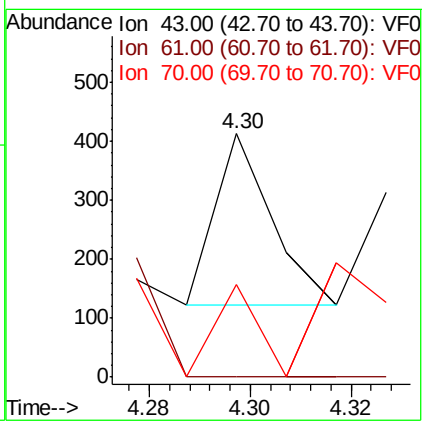


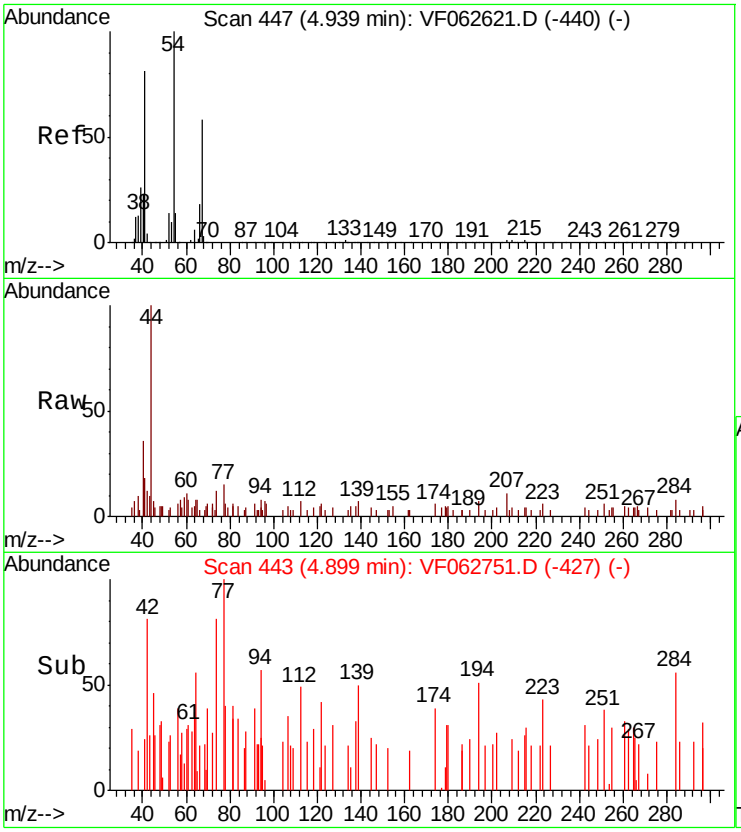


#37
Ethyl Acetate
Concen: 1.248 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 43 Resp: 224

Ion	Ratio	Lower	Upper
43	100		
61	0.0	76.9	115.3#
70	38.3	8.8	13.2#



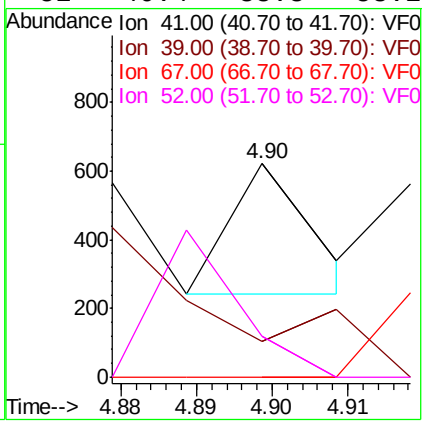


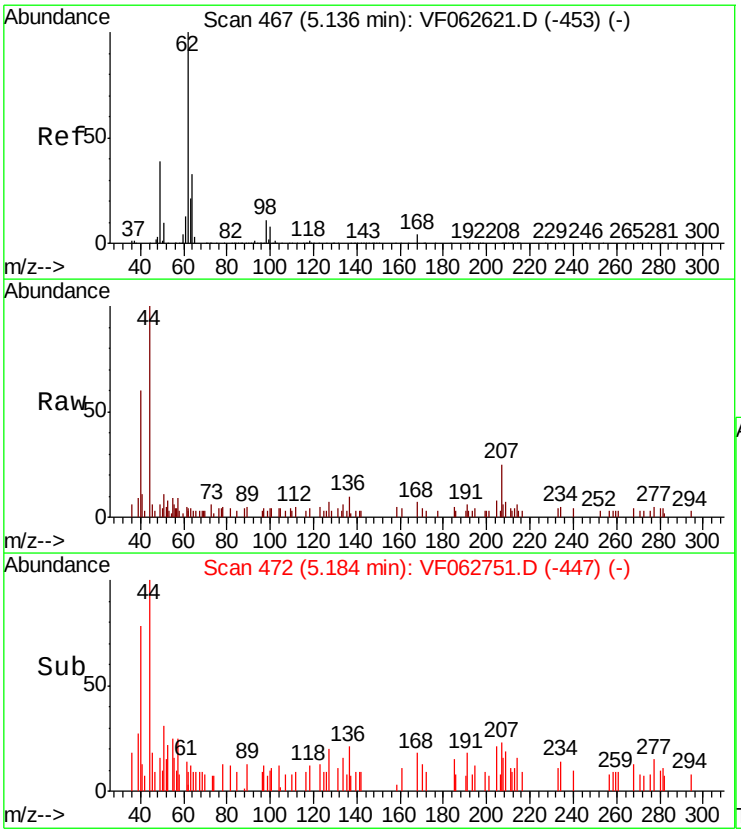
#41
Methacrylonitrile
Concen: 3.007 ug/l
RT: 4.90 min Scan# 443
Delta R.T. -0.04 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion: 41 Resp: 283

Ion	Ratio	Lower	Upper
41	100		
39	17.0	42.2	63.2#
67	0.0	56.4	84.6#
52	40.4	38.8	58.2

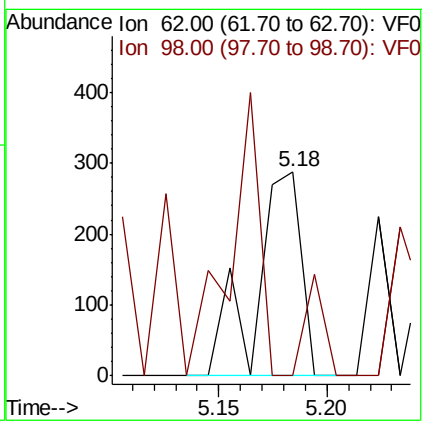


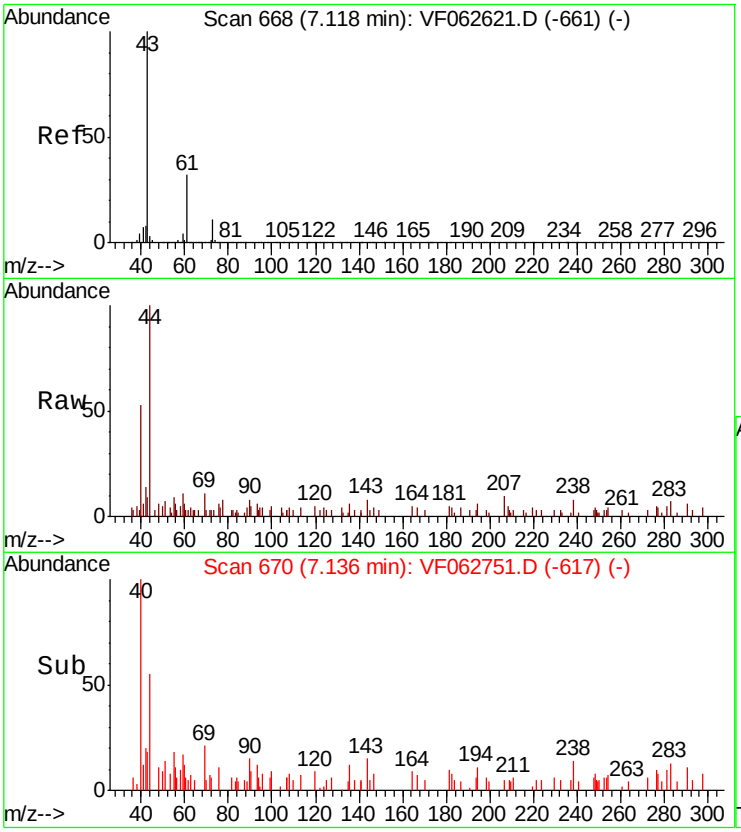


#42
1,2-Dichloroethane
Concen: 1.759 ug/l
RT: 5.18 min Scan# 472
Delta R.T. 0.05 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 62 Resp: 420

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	21.6



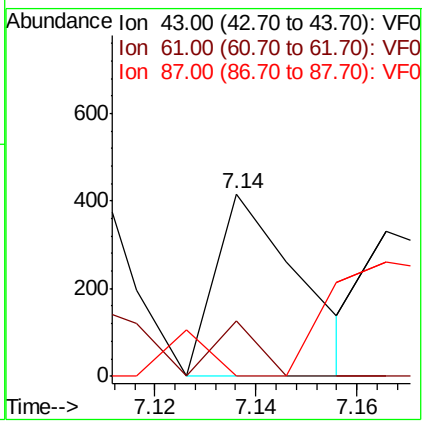


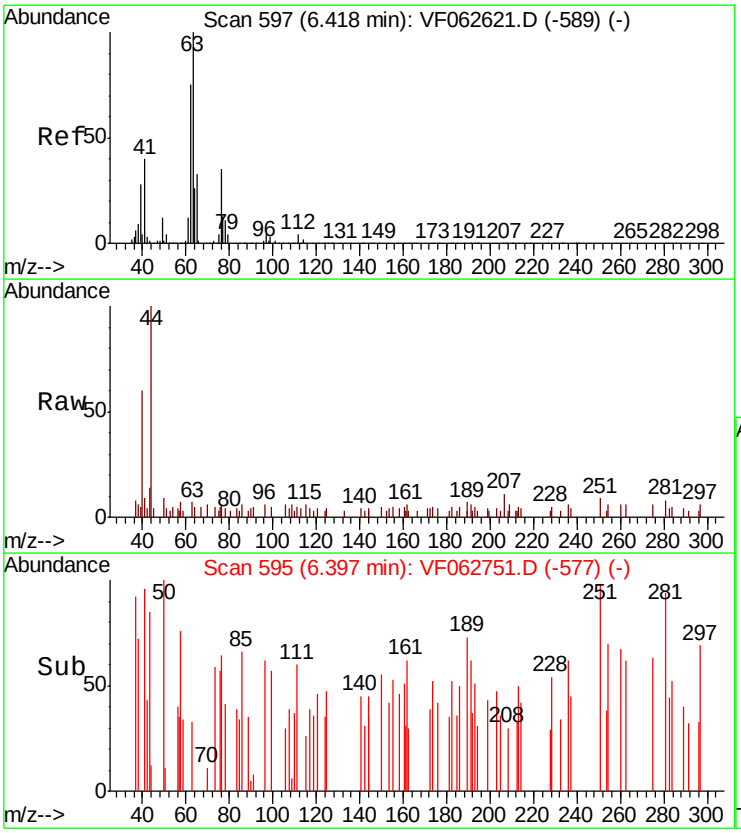
#43
Isopropyl Acetate
Concen: 2.073 ug/l
RT: 7.14 min Scan# 670
Delta R.T. 0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion: 43 Resp: 482

Ion	Ratio	Lower	Upper
43	100		
61	30.2	25.8	38.8
87	26.4	0.4	0.6#

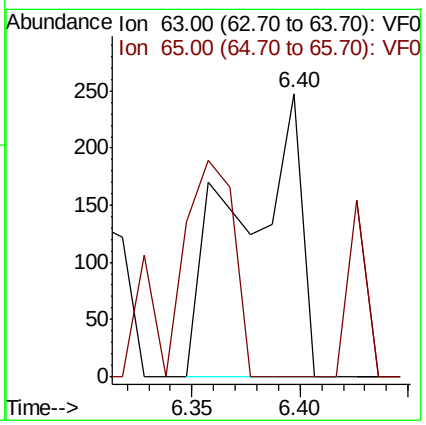


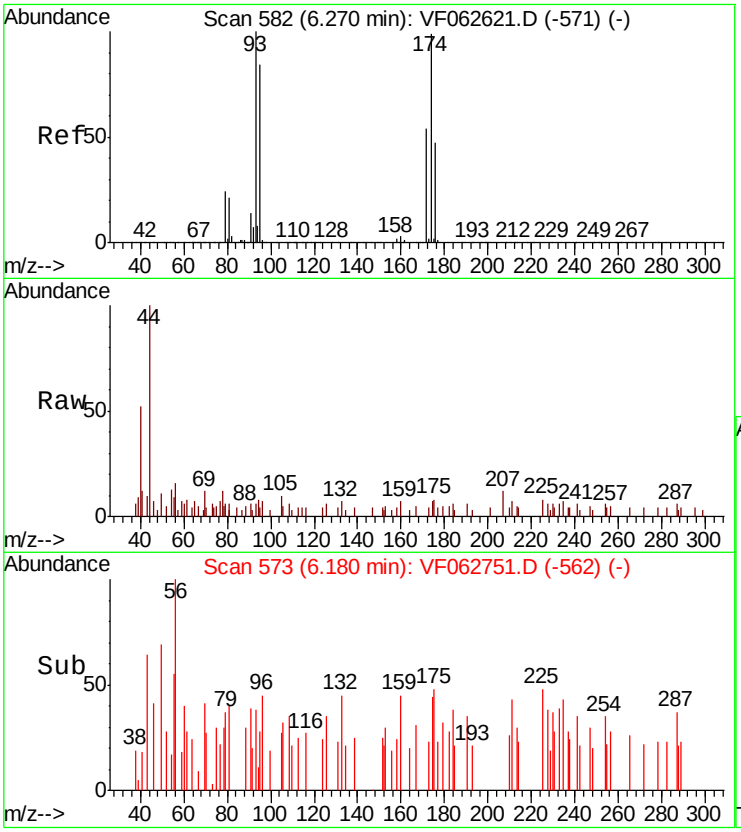


#45
1,2-Dichloropropane
Concen: 1.608 ug/l
RT: 6.40 min Scan# 595
Delta R.T. -0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 63 Resp: 486

Ion	Ratio	Lower	Upper
63	100		
65	0.0	26.3	39.5#



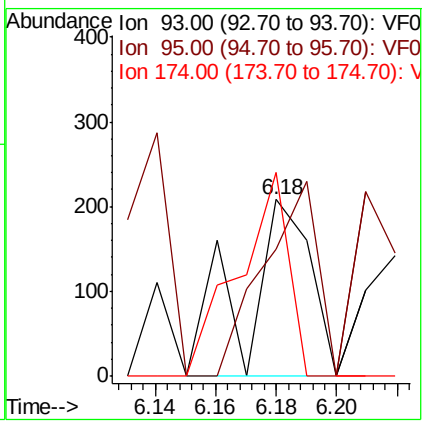


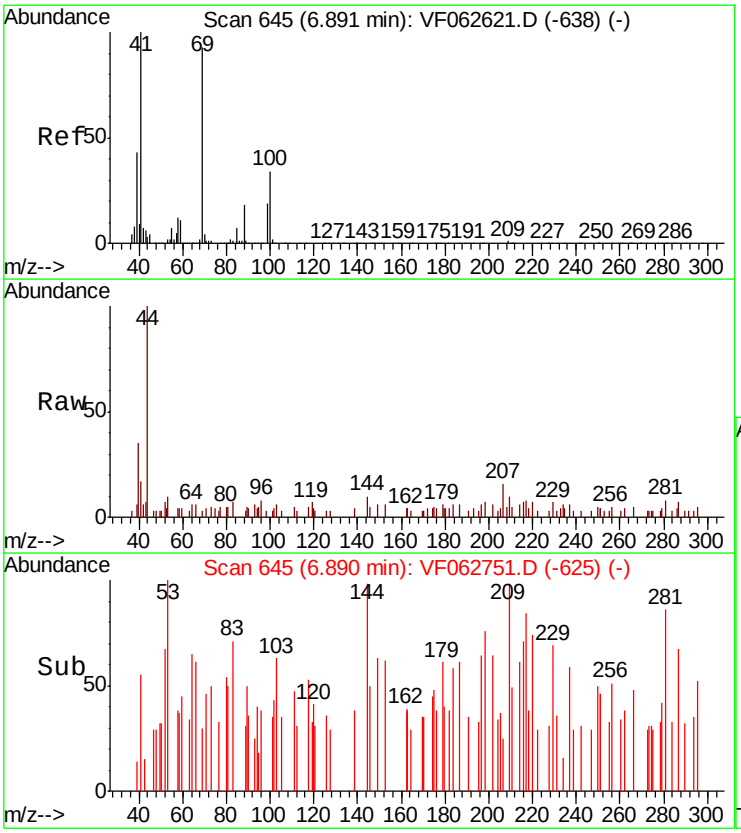
#46
Dibromomethane
Concen: 1.791 ug/l
RT: 6.18 min Scan# 573
Delta R.T. -0.09 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 93 Resp: 313

Ion	Ratio	Lower	Upper
93	100		
95	72.1	67.4	101.2
174	115.4	79.4	119.2

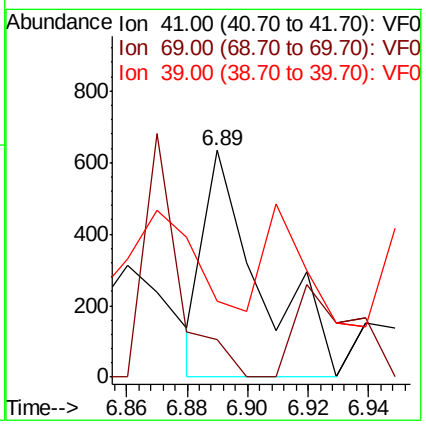


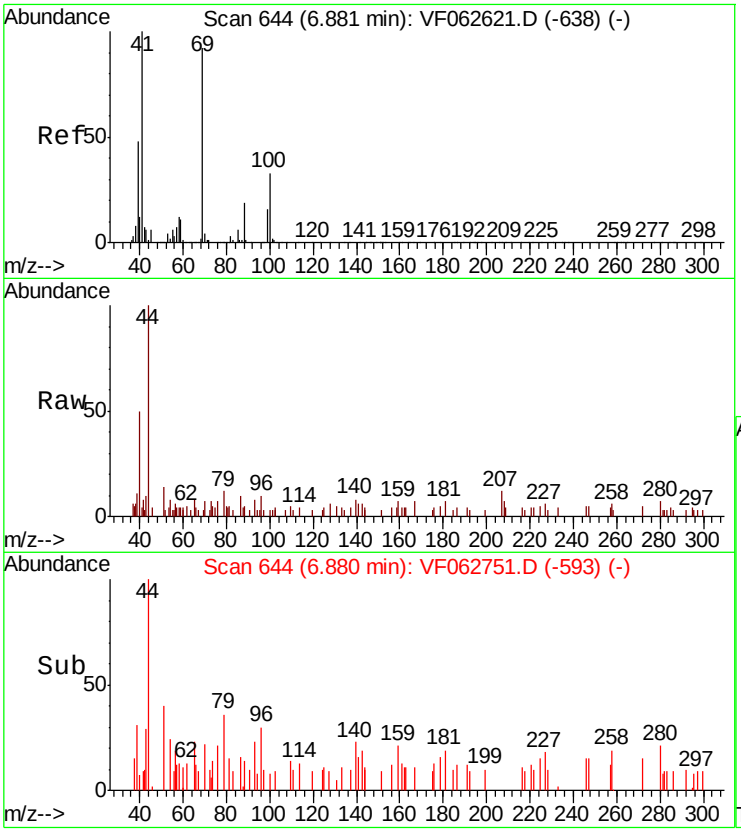


#48
Methyl methacrylate
Concen: 6.713 ug/l
RT: 6.89 min Scan# 645
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 41 Resp: 816

Ion	Ratio	Lower	Upper
41	100		
69	16.7	74.2	111.2#
39	33.6	34.2	51.4#



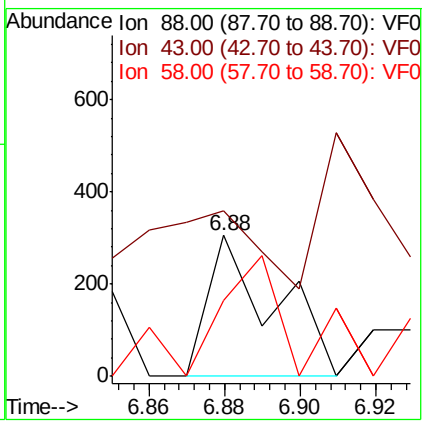


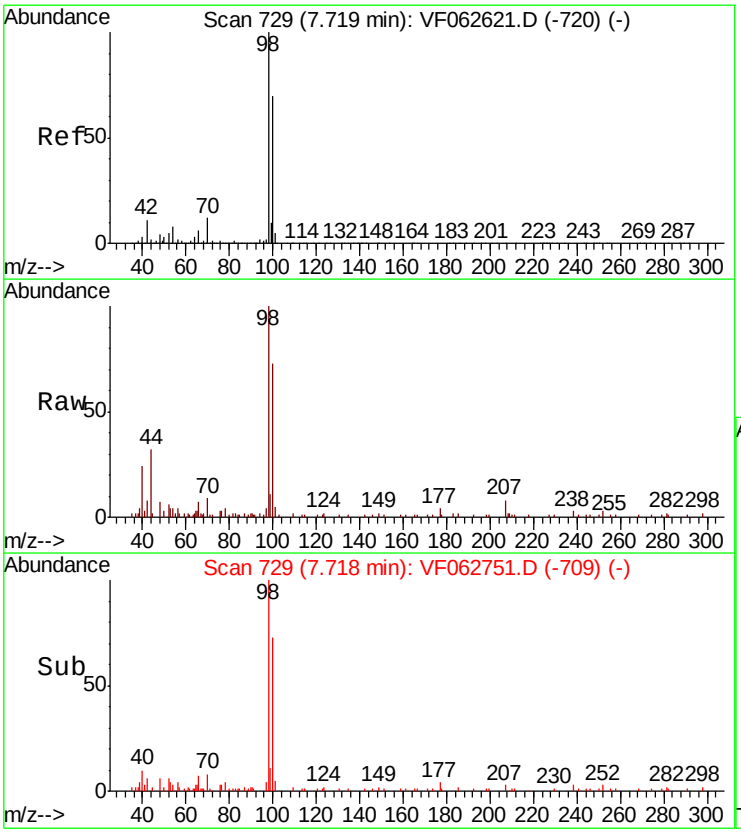
#49
1,4-Dioxane
Concen: 235.100 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 88 Resp: 366

Ion	Ratio	Lower	Upper
88	100		
43	117.4	30.0	45.0#
58	53.8	51.1	76.7

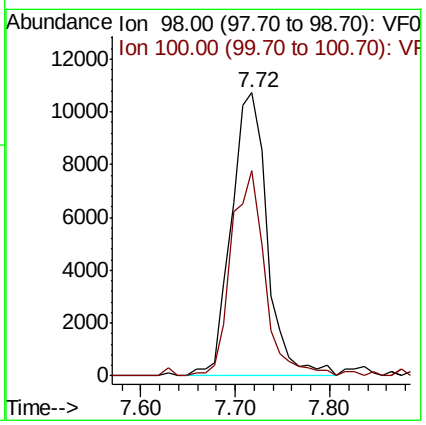


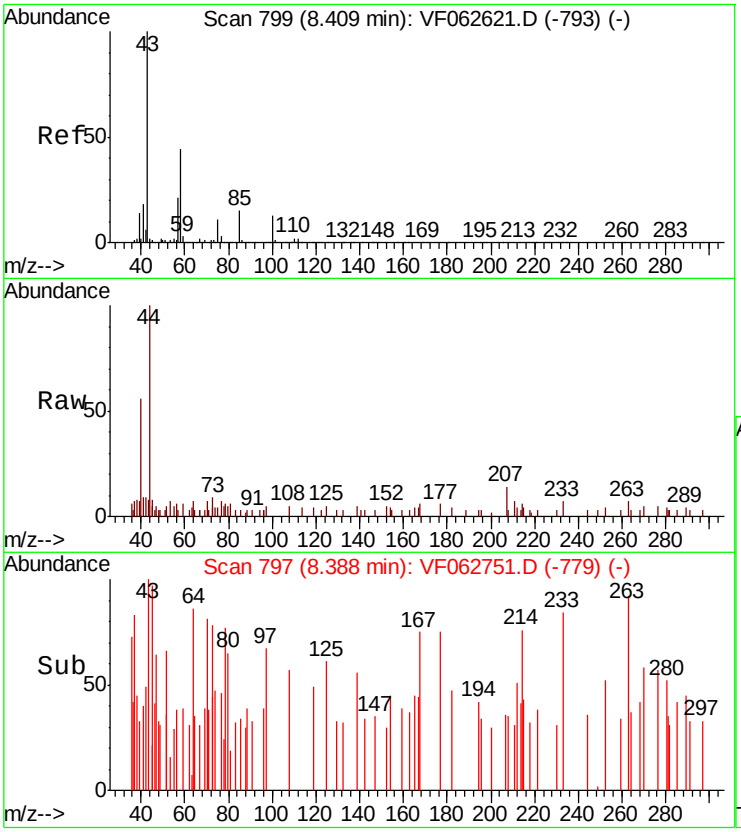


#50
Toluene-d8
Concen: 35.855 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 98 Resp: 28105

Ion	Ratio	Lower	Upper
98	100		
100	72.6	56.2	84.2



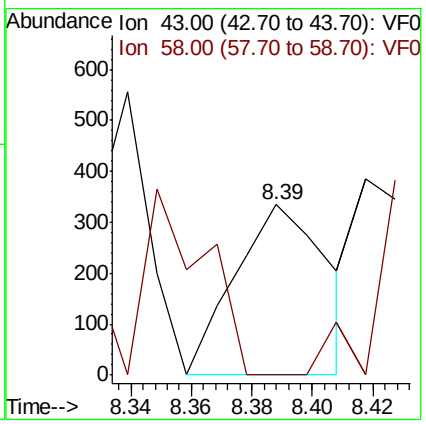


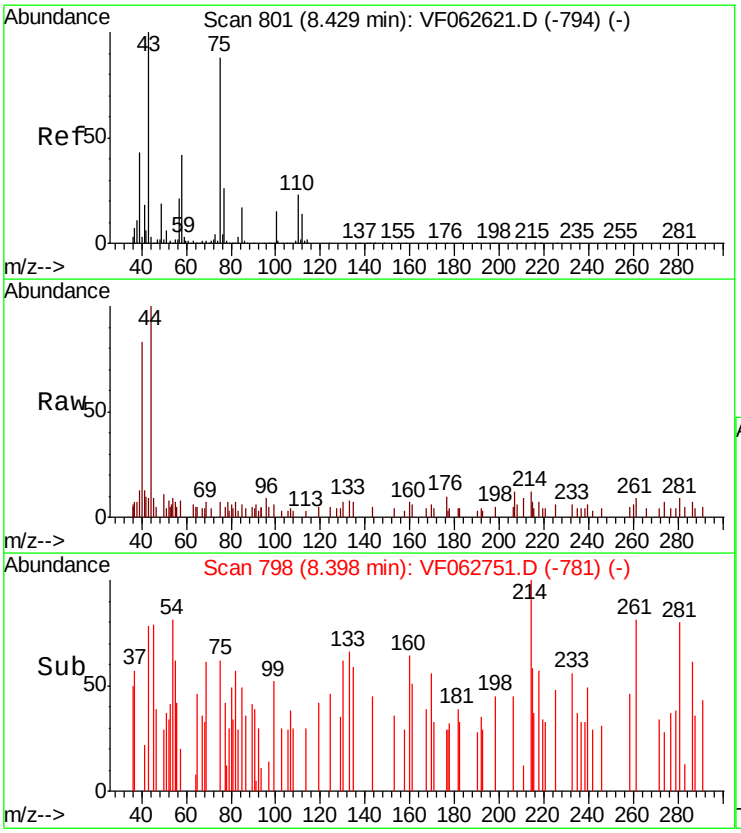
#51
4-Methyl-2-Pentanone
Concen: 4.404 ug/l
RT: 8.39 min Scan# 797
Delta R.T. -0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion: 43 Resp: 700

Ion	Ratio	Lower	Upper
43	100		
58	0.0	34.9	52.3#

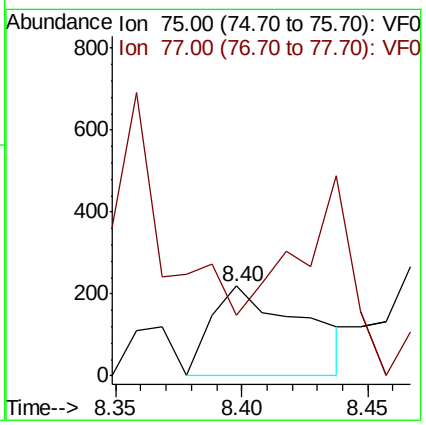


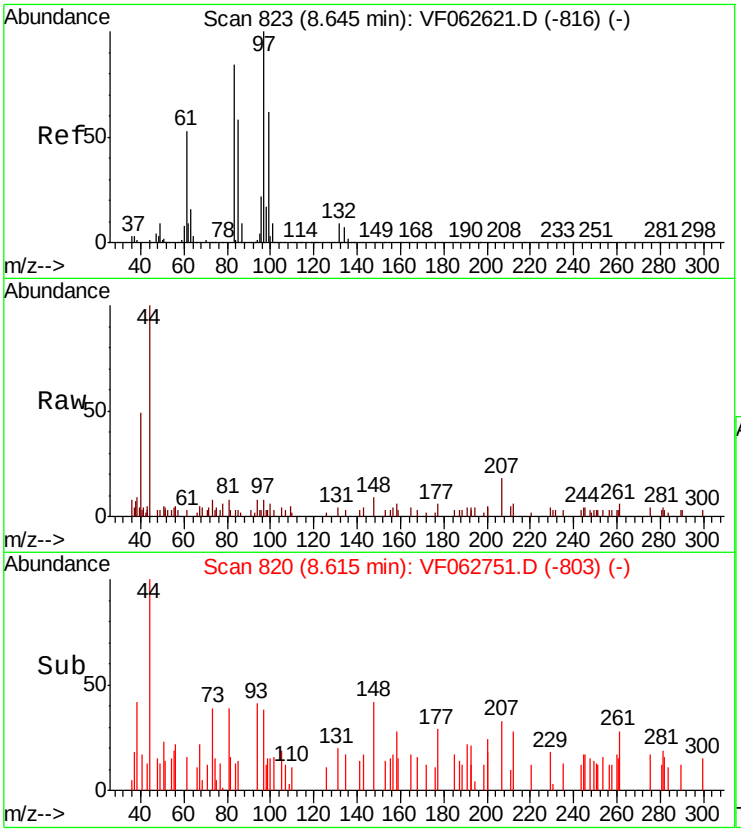


#53
t-1,3-Dichloropropene
Concen: 1.850 ug/l
RT: 8.40 min Scan# 798
Delta R.T. -0.03 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 75 Resp: 549

Ion	Ratio	Lower	Upper
75	100		
77	67.1	24.2	36.4#



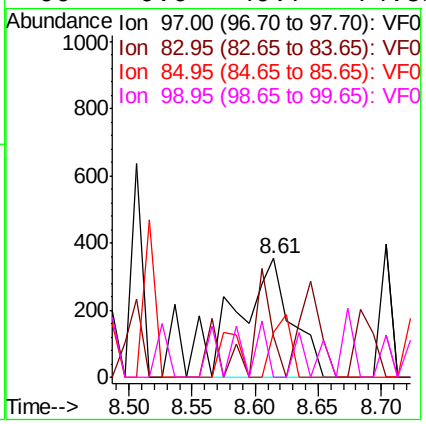


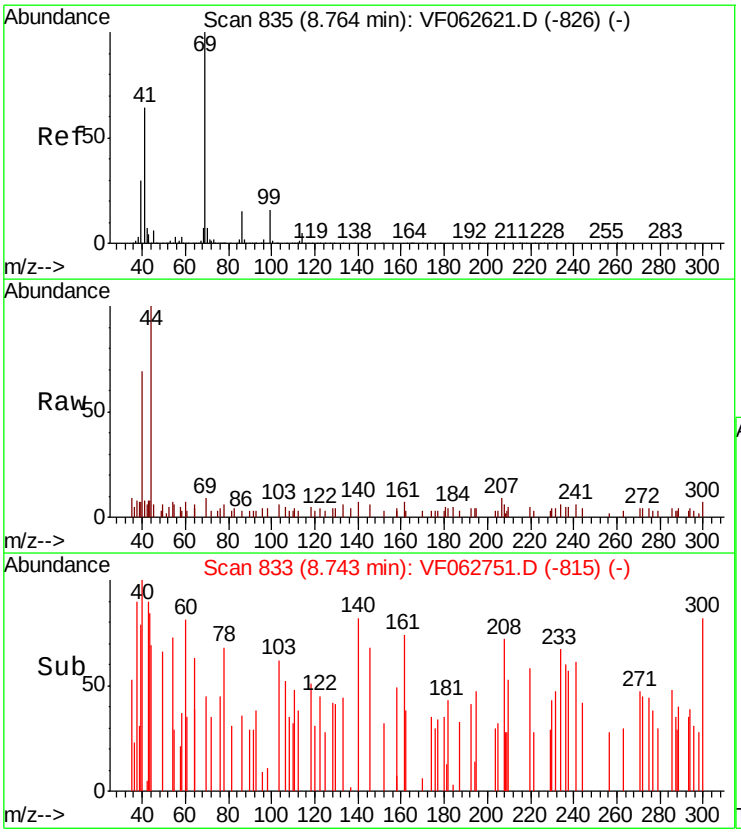
#55
1,1,2-Trichloroethane
Concen: 5.883 ug/l
RT: 8.61 min Scan# 820
Delta R.T. -0.03 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 97 Resp: 1094

Ion	Ratio	Lower	Upper
97	100		
83	34.8	67.3	100.9#
85	38.2	46.6	69.8#
99	0.0	49.7	74.5#

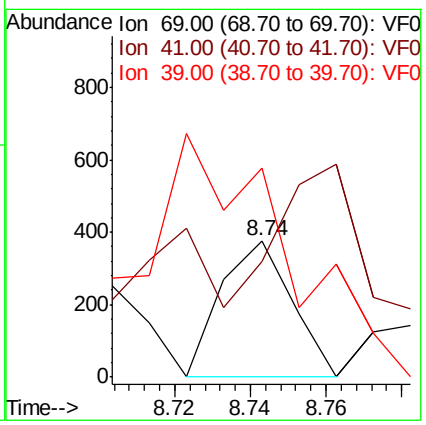


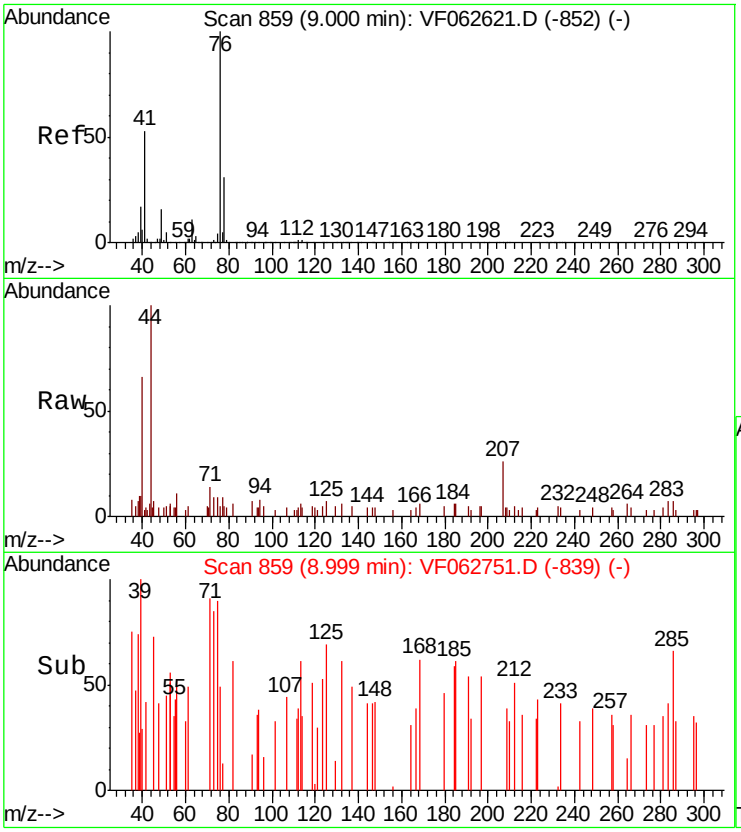


#56
Ethyl methacrylate
Concen: 2.194 ug/l
RT: 8.74 min Scan# 833
Delta R.T. -0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 69 Resp: 486

Ion	Ratio	Lower	Upper
69	100		
41	85.4	51.4	77.2#
39	153.7	23.6	35.4#



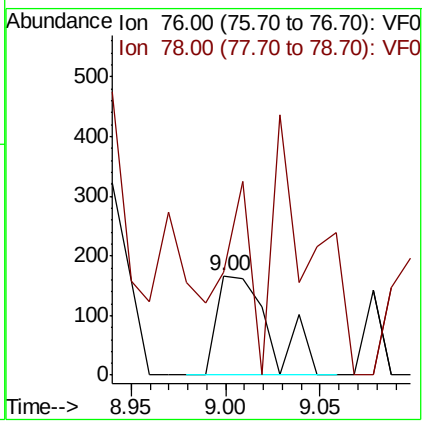


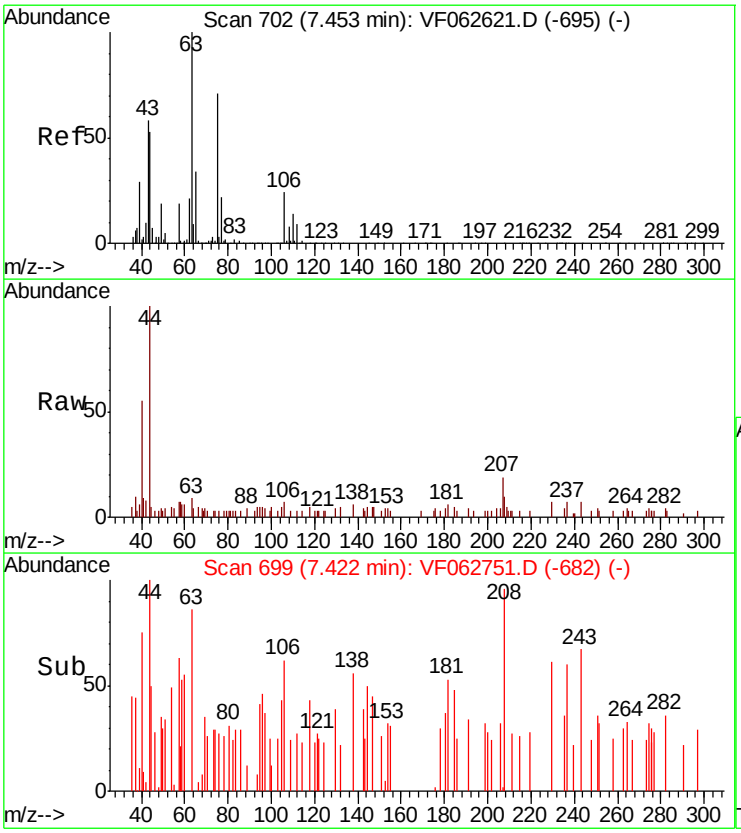
#57
1,3-Dichloropropane
Concen: 1.017 ug/l
RT: 9.00 min Scan# 859
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 76 Resp: 322

Ion	Ratio	Lower	Upper
76	100		
78	103.0	25.4	38.0#

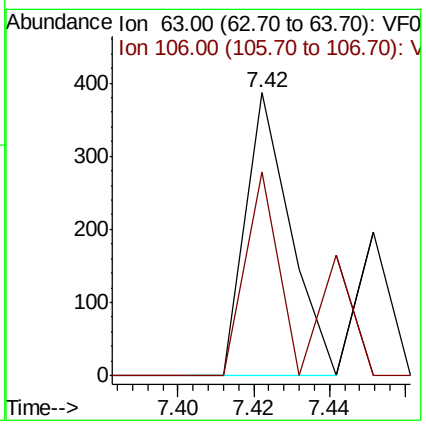


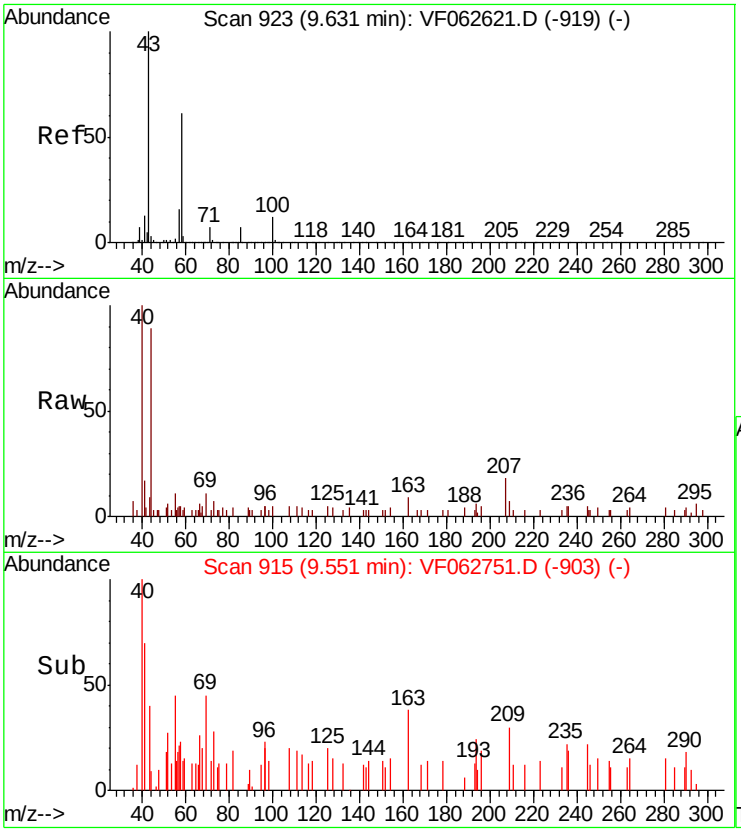


#58
2-Chloroethyl Vinyl ether
Concen: 4.368 ug/l
RT: 7.42 min Scan# 699
Delta R.T. -0.03 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 63 Resp: 315

Ion	Ratio	Lower	Upper
63	100		
106	71.8	19.1	28.7#



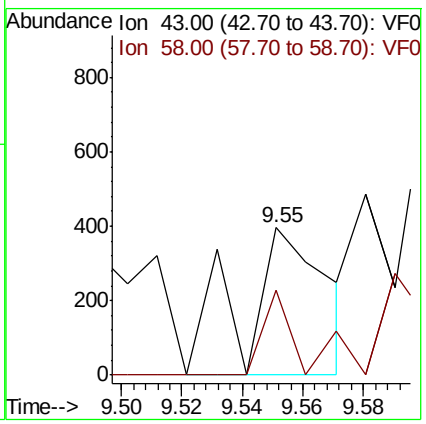


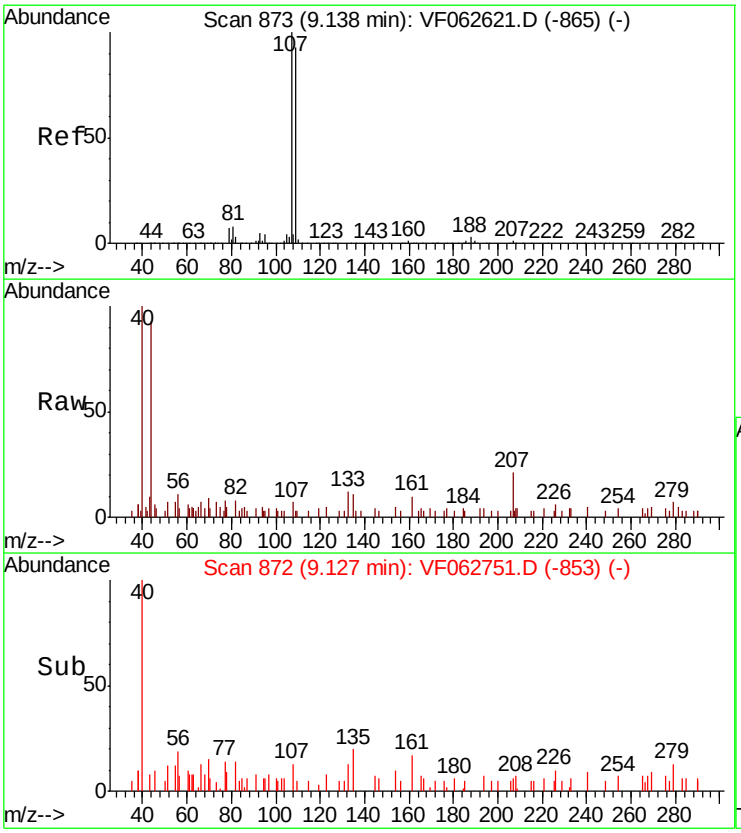
#59
2-Hexanone
Concen: Below Cal
RT: 9.55 min Scan# 915
Delta R.T. -0.08 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 43 Resp: 760

Ion	Ratio	Lower	Upper
43	100		
58	57.3	28.1	84.4

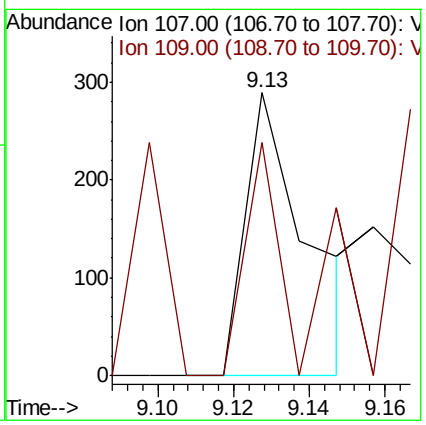


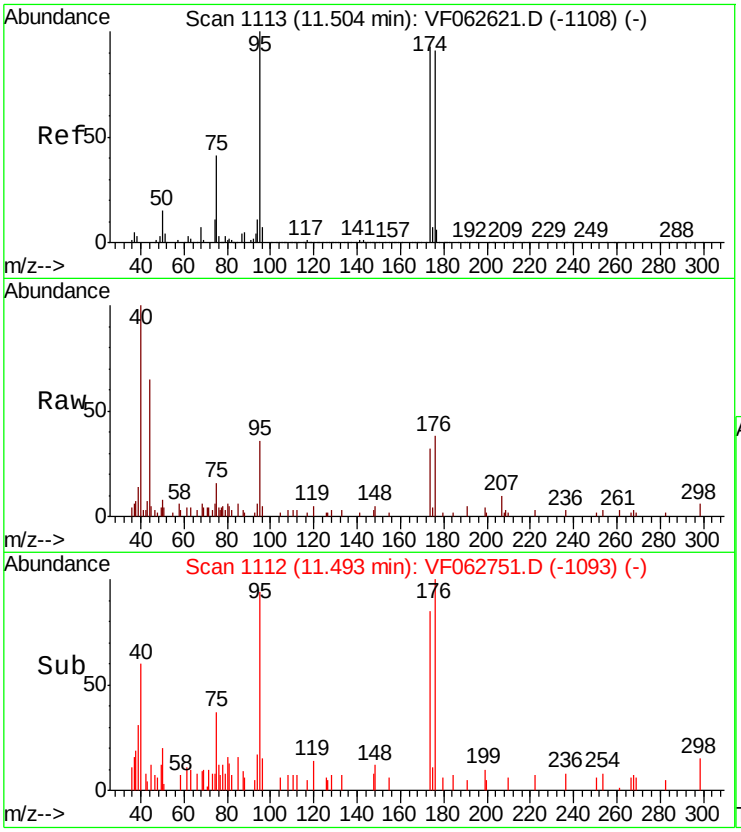


#61
1,2-Dibromoethane
Concen: 1.645 ug/l
RT: 9.13 min Scan# 872
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion:107 Resp: 325

Ion	Ratio	Lower	Upper
107	100		
109	82.4	74.8	112.2



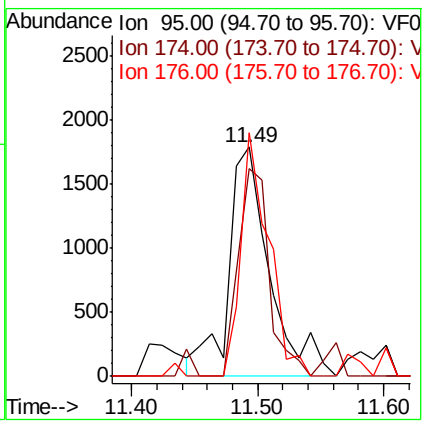


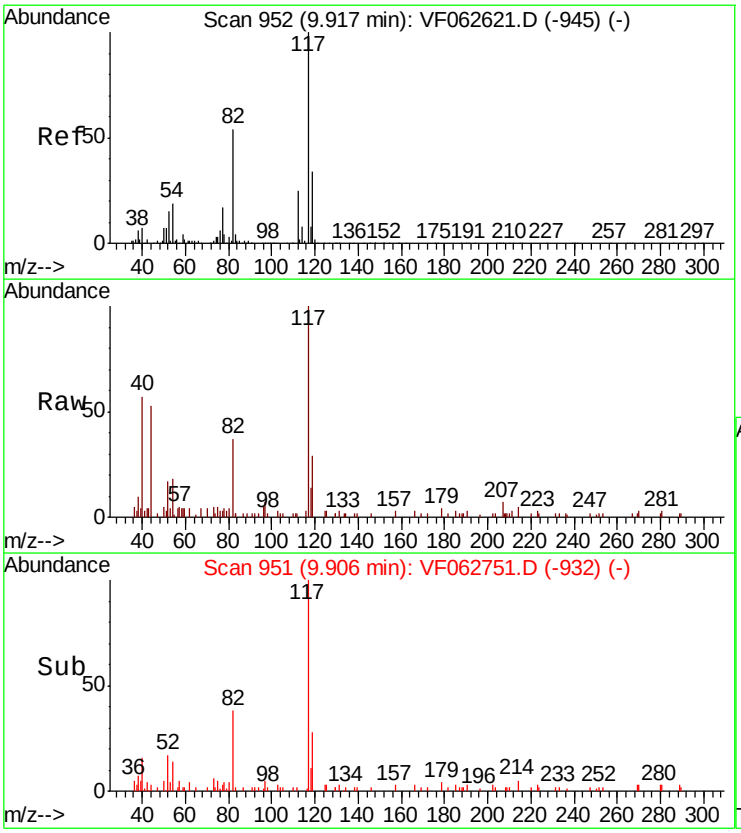
#62
4-Bromofluorobenzene
Concen: 13.505 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 95 Resp: 4015

Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	185.6
176	106.3	0.0	182.4

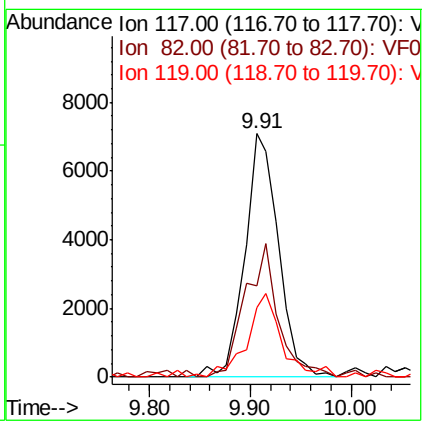


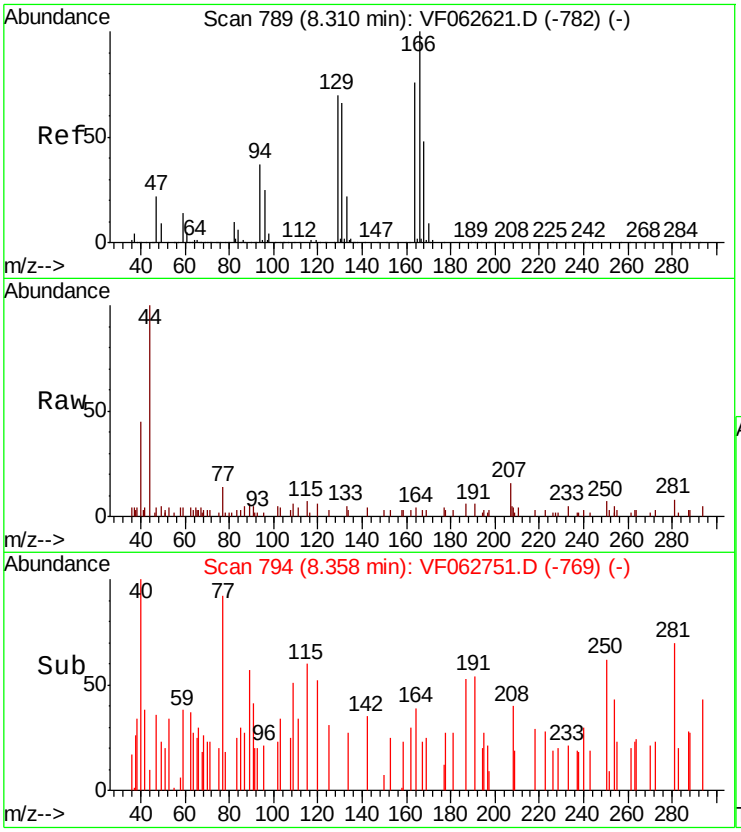


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion:117 Resp: 16427

Ion	Ratio	Lower	Upper
117	100		
82	37.4	43.3	64.9#
119	28.8	27.4	41.0



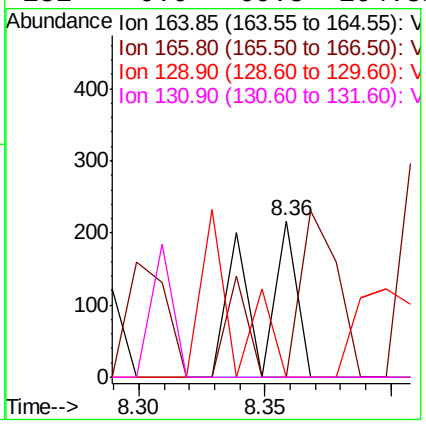


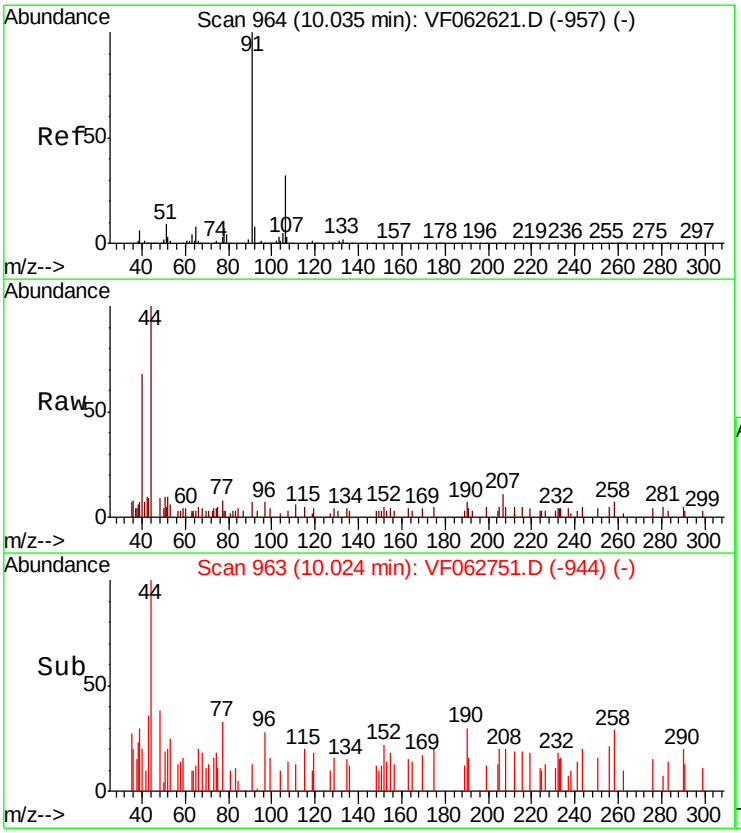
#64
Tetrachloroethene
Concen: 1.898 ug/l
RT: 8.36 min Scan# 794
Delta R.T. 0.05 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion:164 Resp: 247

Ion	Ratio	Lower	Upper
164	100		
166	0.0	105.5	158.3#
129	0.0	73.8	110.6#
131	0.0	69.5	104.3#

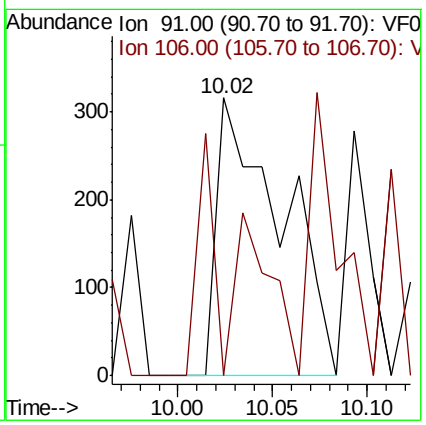


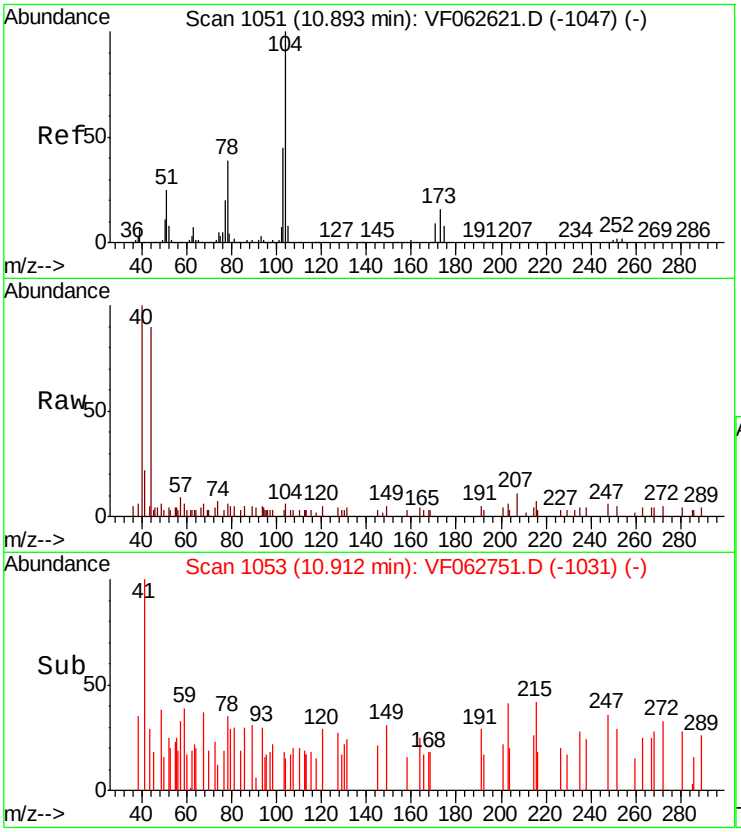


#67
Ethyl Benzene
Concen: 1.342 ug/l
RT: 10.02 min Scan# 963
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 91 Resp: 752

Ion	Ratio	Lower	Upper
91	100		
106	0.0	25.8	38.8#



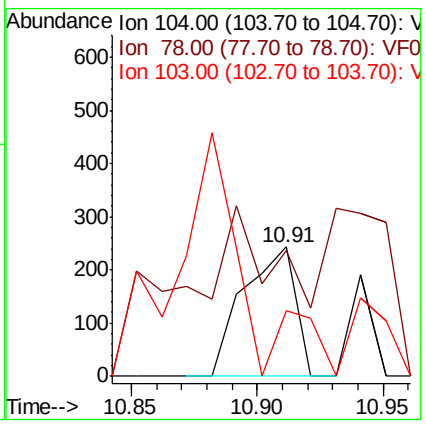


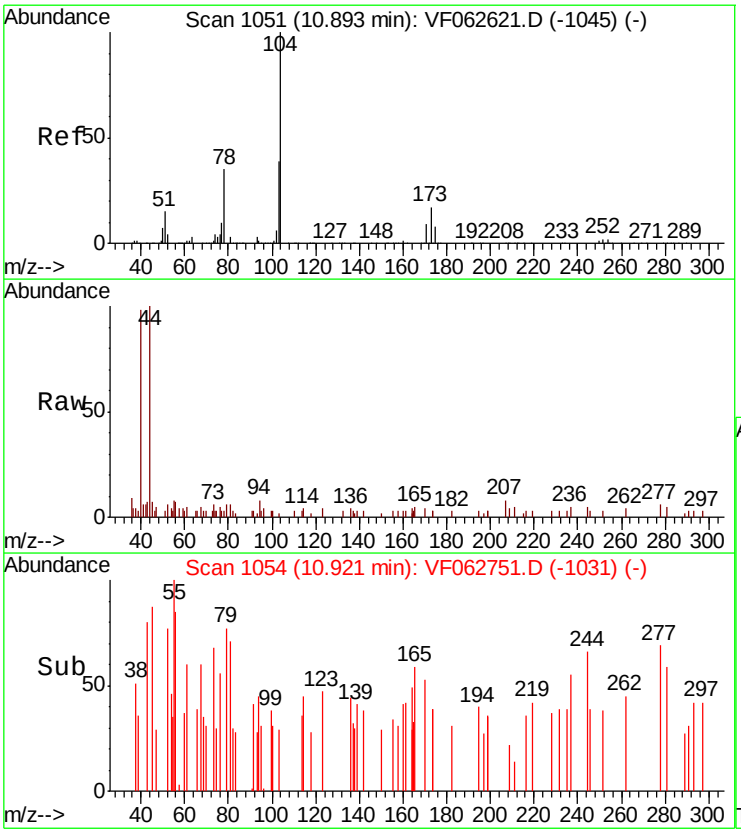
#70
Stvrene
Concen: 1.061 ug/l
RT: 10.91 min Scan# 1053
Delta R.T. 0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion:104 Resp: 350

Ion	Ratio	Lower	Upper
104	100		
78	97.1	31.9	47.9#
103	51.0	36.1	54.1

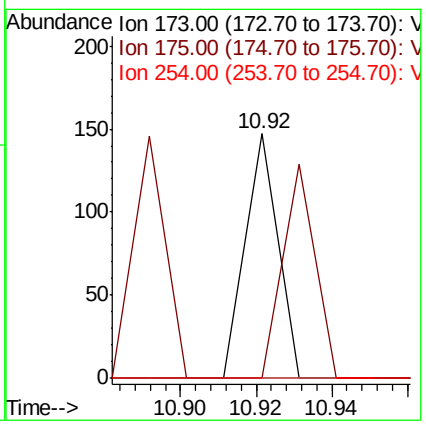


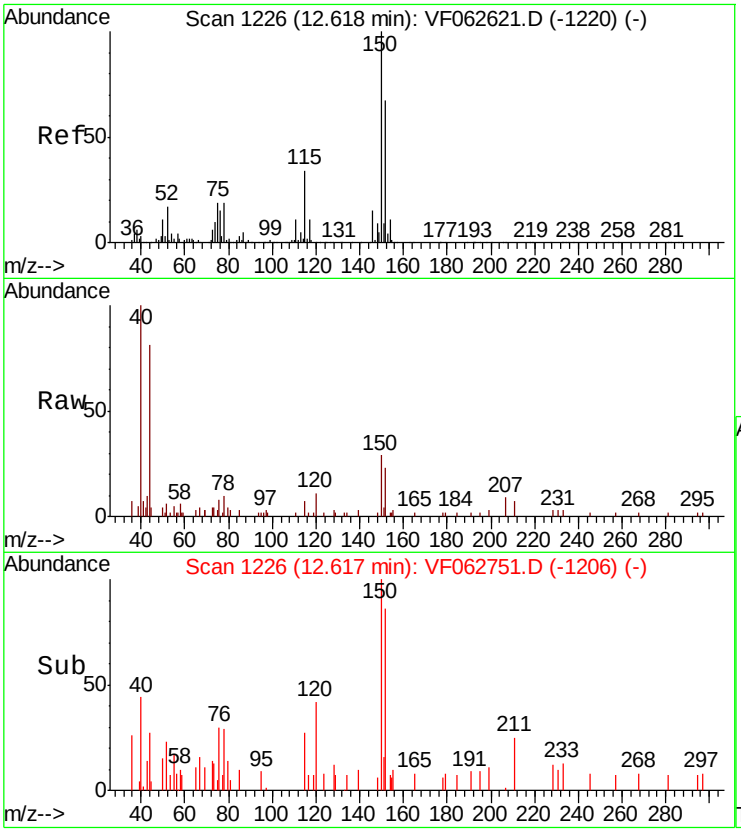


#71
Bromoform
Concen: 1.341 ug/l
RT: 10.92 min Scan# 1054
Delta R.T. 0.03 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion:173 Resp: 87

Ion	Ratio	Lower	Upper
173	100		
175	0.0	25.3	75.9#
254	0.0	0.2	0.2#



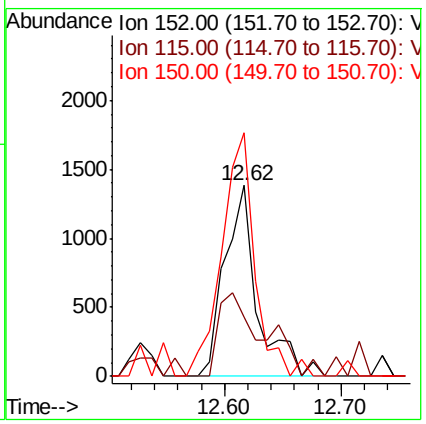


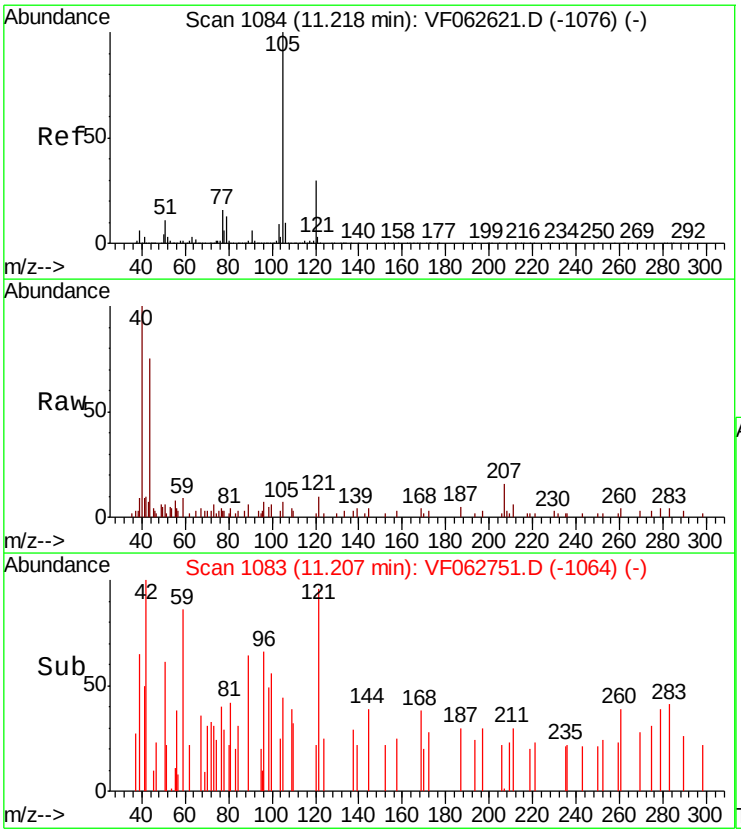
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion:152 Resp: 2712

Ion	Ratio	Lower	Upper
152	100		
115	31.1	25.2	75.6
150	127.5	0.0	306.2

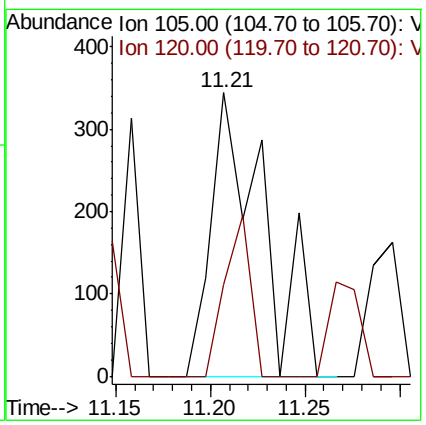


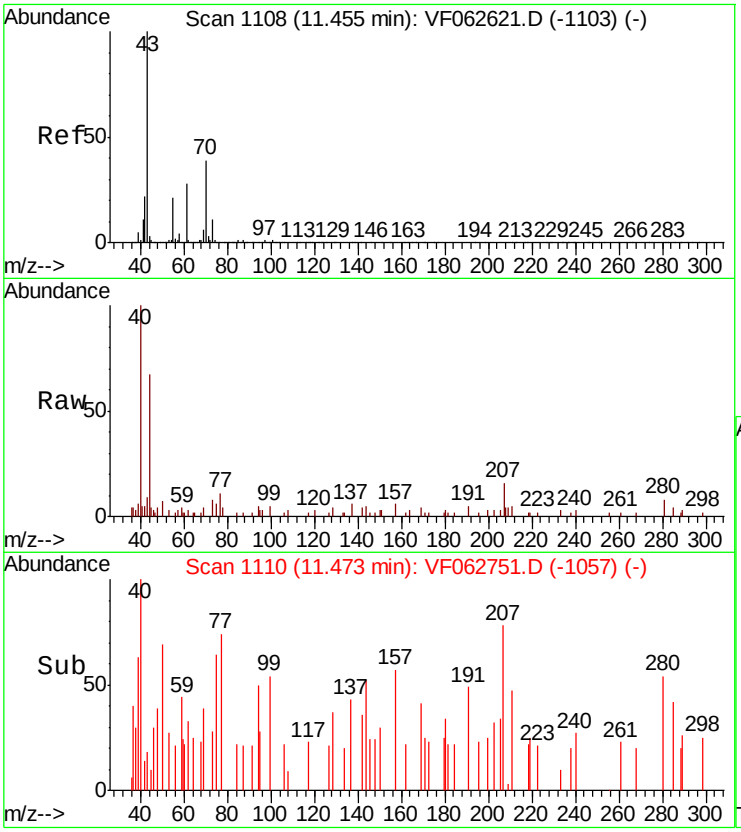


#73
Isopropylbenzene
Concen: 3.462 ug/l
RT: 11.21 min Scan# 1083
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion:105 Resp: 673

Ion	Ratio	Lower	Upper
105	100		
120	32.3	14.8	44.4



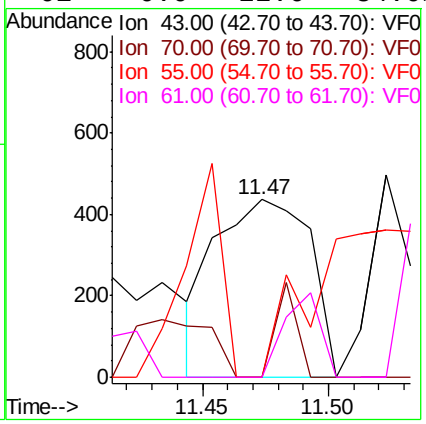


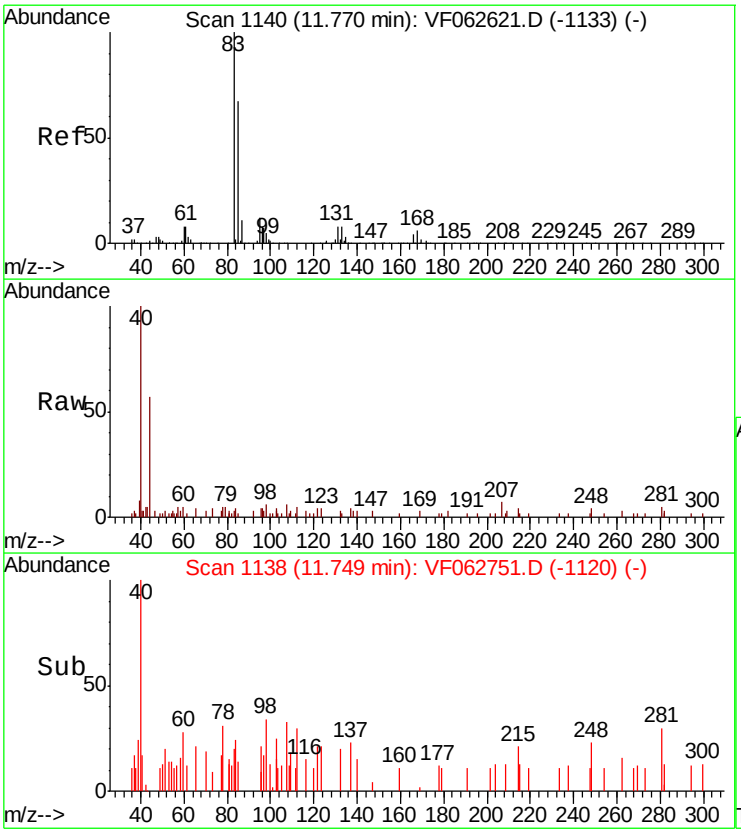
#74
N-amyl acetate
Concen: 19.790 ug/l
RT: 11.47 min Scan# 1110
Delta R.T. 0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion: 43 Resp: 1140

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.9	46.3#
55	0.0	17.0	25.4#
61	0.0	22.6	34.0#

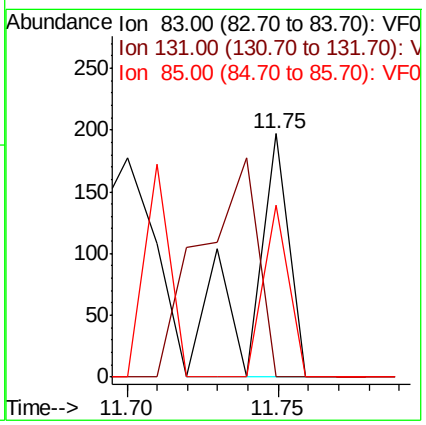


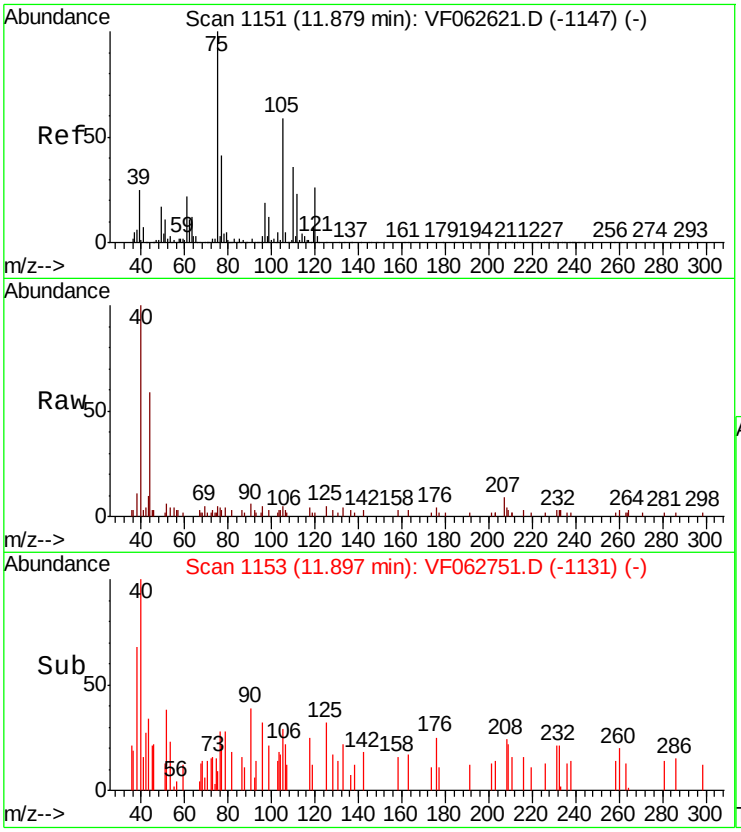


#75
1,1,2,2-Tetrachloroethane
Concen: 4.481 ug/l
RT: 11.75 min Scan# 1138
Delta R.T. -0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 83 Resp: 178

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.0	12.0#
85	70.6	33.5	100.5



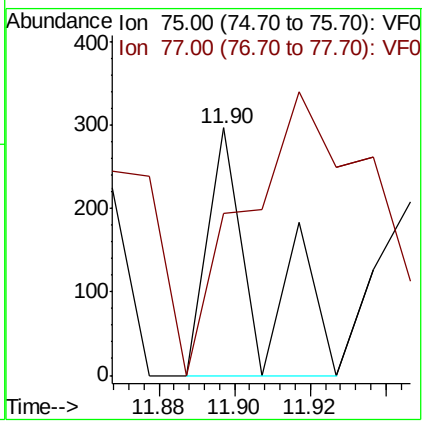


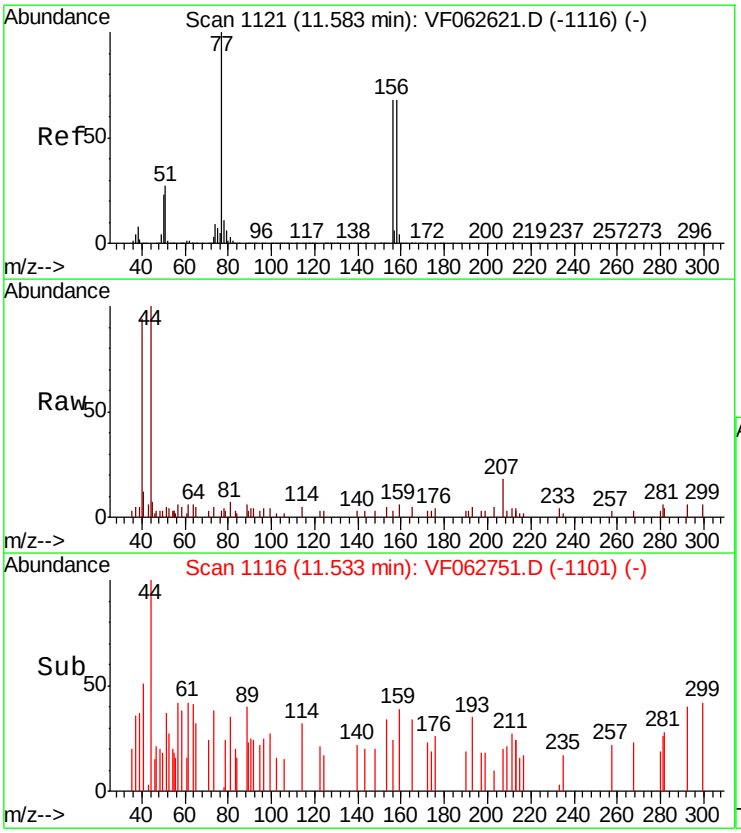
#76
1,2,3-Trichloropropane
Concen: 10.843 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. 0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 75 Resp: 283

Ion	Ratio	Lower	Upper
75	100		
77	65.5	20.6	61.8#

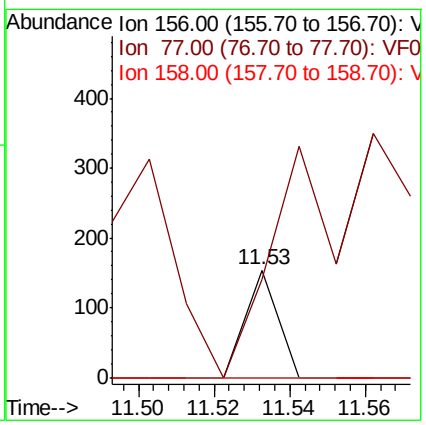


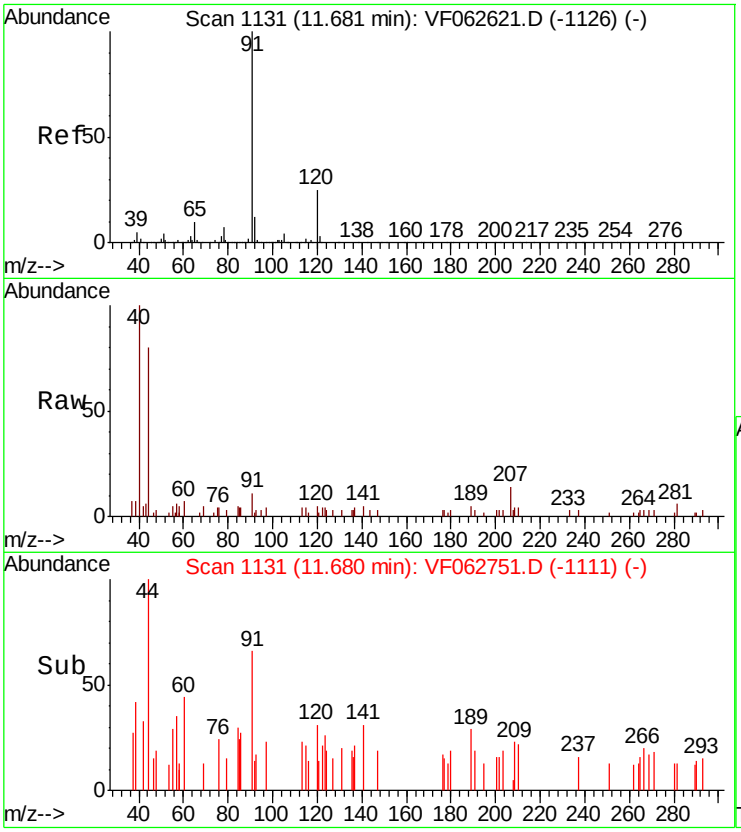


#77
Bromobenzene
Concen: 1.883 ug/l
RT: 11.53 min Scan# 1116
Delta R.T. -0.05 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion:156 Resp: 91

Ion	Ratio	Lower	Upper
156	100		
77	91.6	73.6	220.8
158	0.0	49.6	148.8#



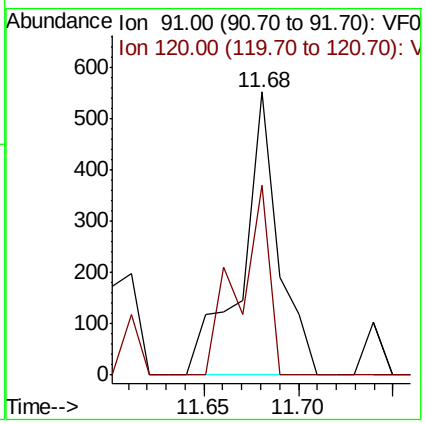


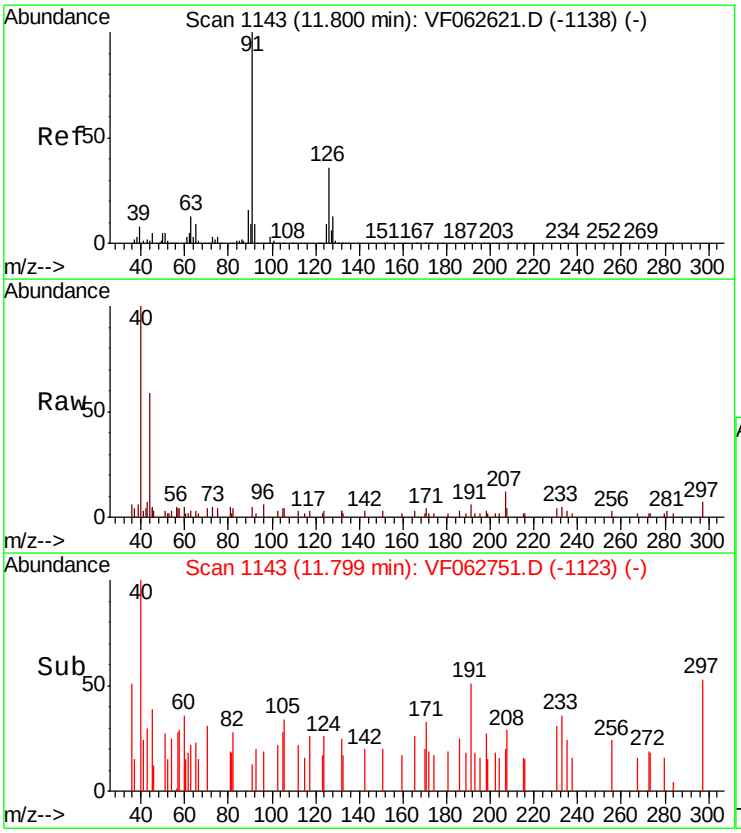
#78
n-propylbenzene
Concen: 3.208 ug/l
RT: 11.68 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion: 91 Resp: 738

Ion	Ratio	Lower	Upper
91	100		
120	67.0	12.7	38.1#

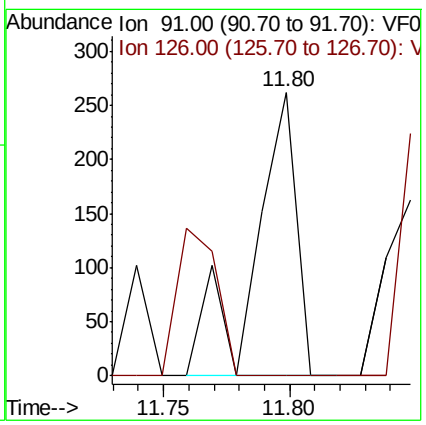


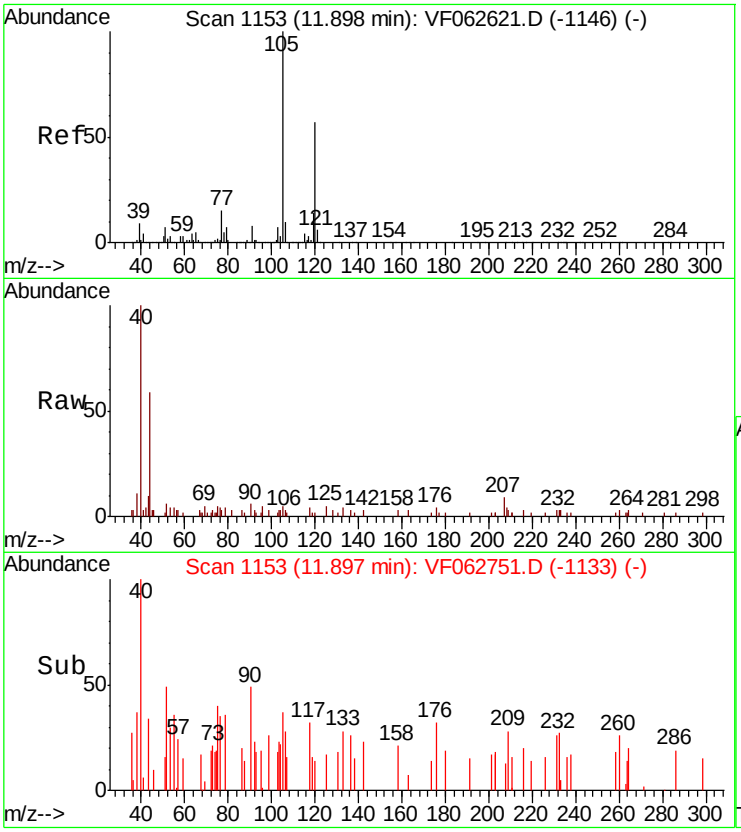


#79
2-Chlorotoluene
Concen: 2.353 ug/l
RT: 11.80 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 91 Resp: 305

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.1	54.4#



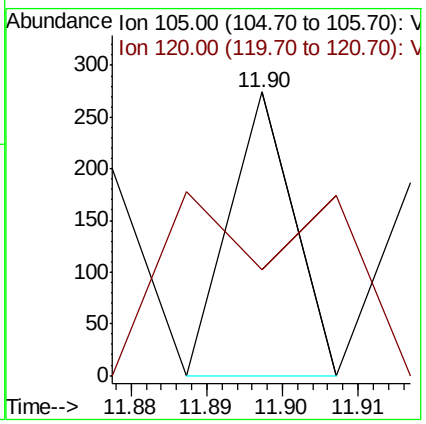


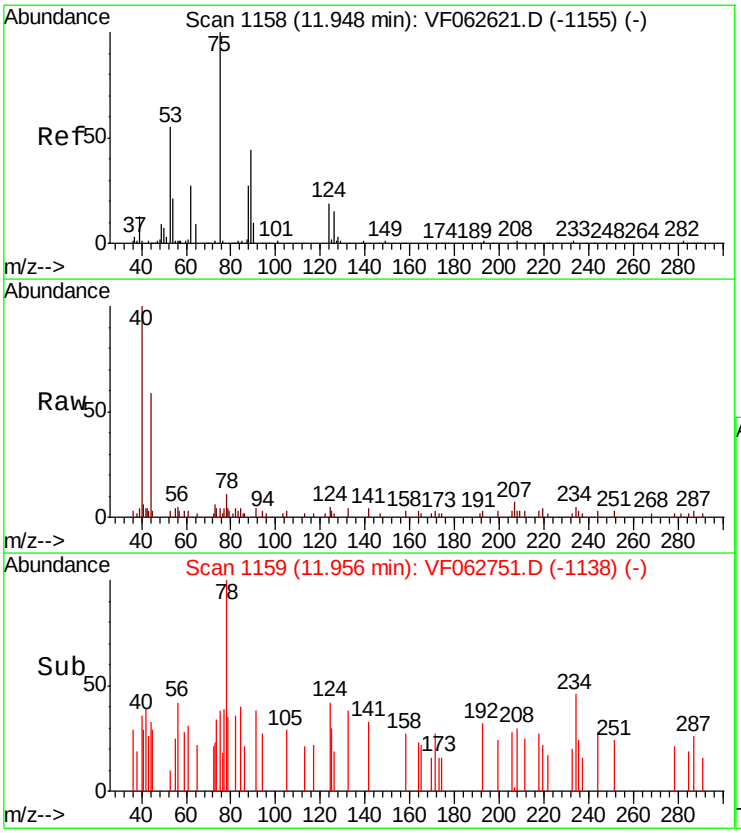
#80
1,3,5-Trimethylbenzene
Concen: 1.039 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion:105 Resp: 162

Ion	Ratio	Lower	Upper
105	100		
120	37.2	28.7	86.3

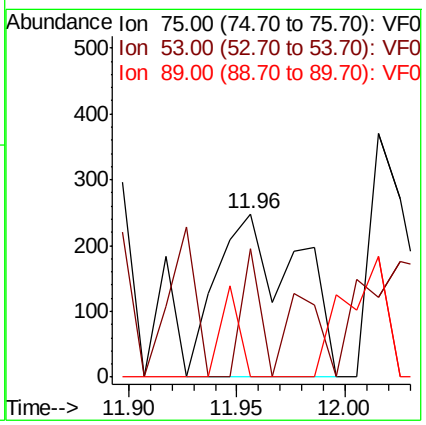


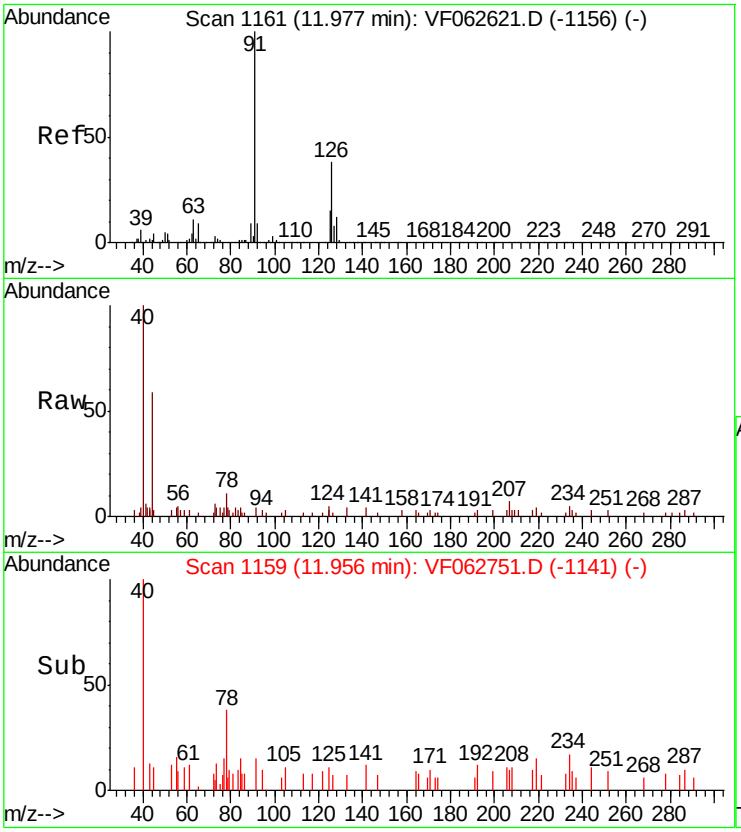


#81
trans-1,4-Dichloro-2-butene
Concen: 55.336 ug/l
RT: 11.96 min Scan# 1159
Delta R.T. 0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 75 Resp: 642

Ion	Ratio	Lower	Upper
75	100		
53	79.0	46.9	70.3#
89	0.0	36.4	54.6#



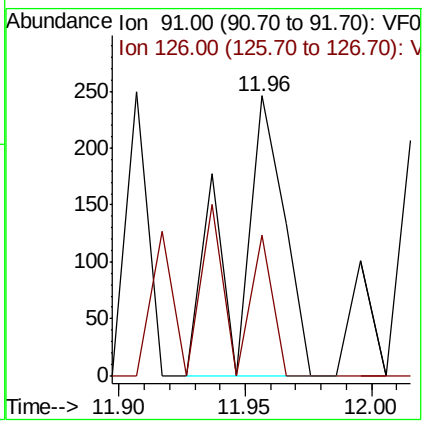


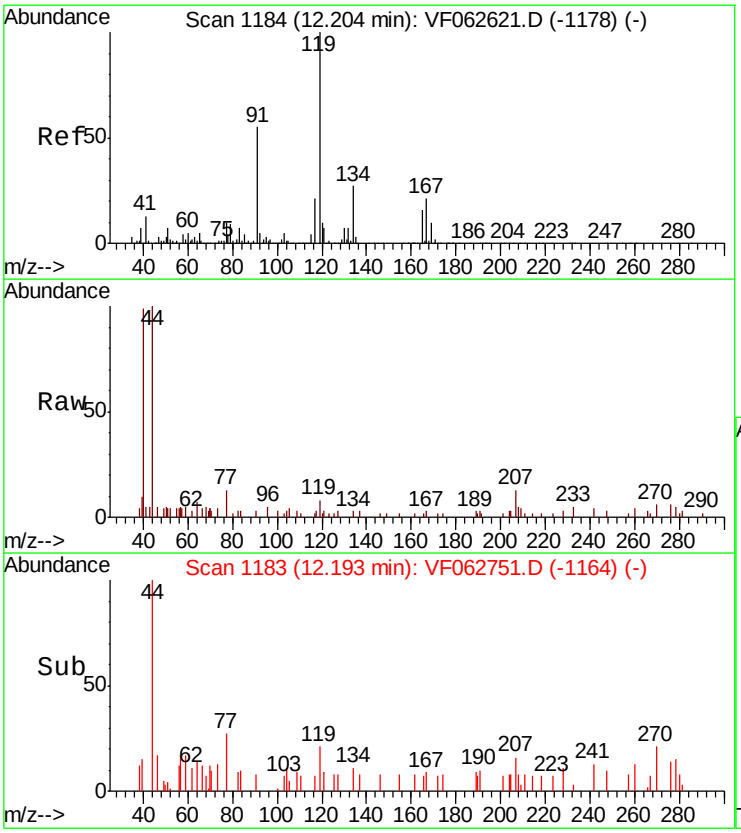
#82
4-Chlorotoluene
Concen: 2.573 ug/l
RT: 11.96 min Scan# 1159
Delta R.T. -0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion: 91 Resp: 329

Ion	Ratio	Lower	Upper
91	100		
126	50.4	19.1	57.1

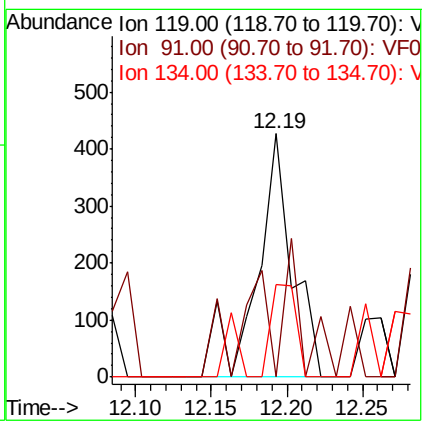


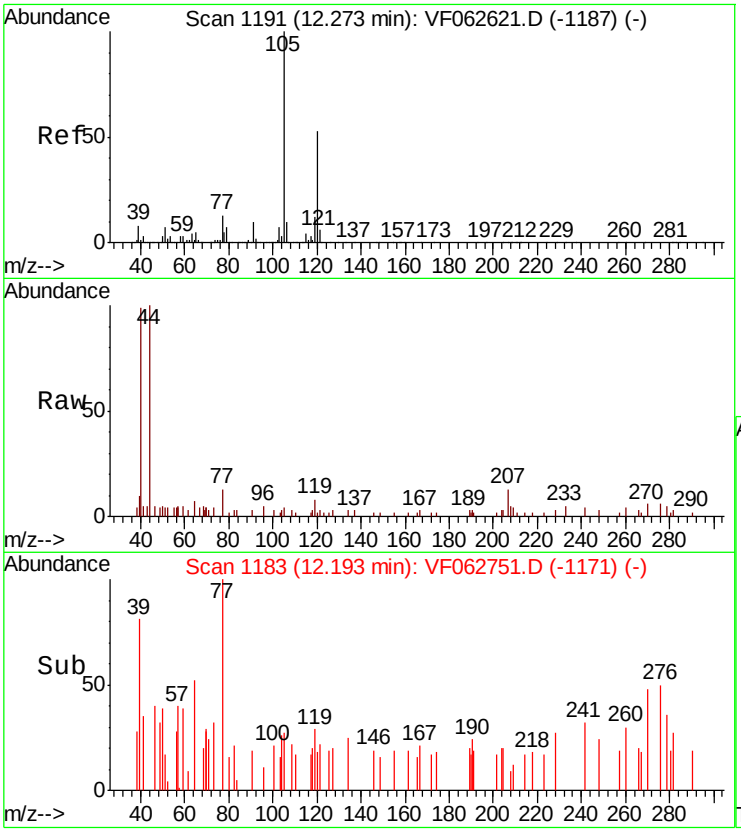


#83
tert-Butylbenzene
Concen: 4.446 ug/l
RT: 12.19 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion:119 Resp: 703

Ion	Ratio	Lower	Upper
119	100		
91	0.0	27.3	81.9#
134	38.2	13.6	40.7



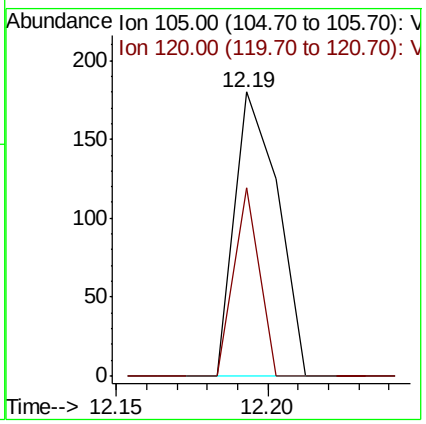


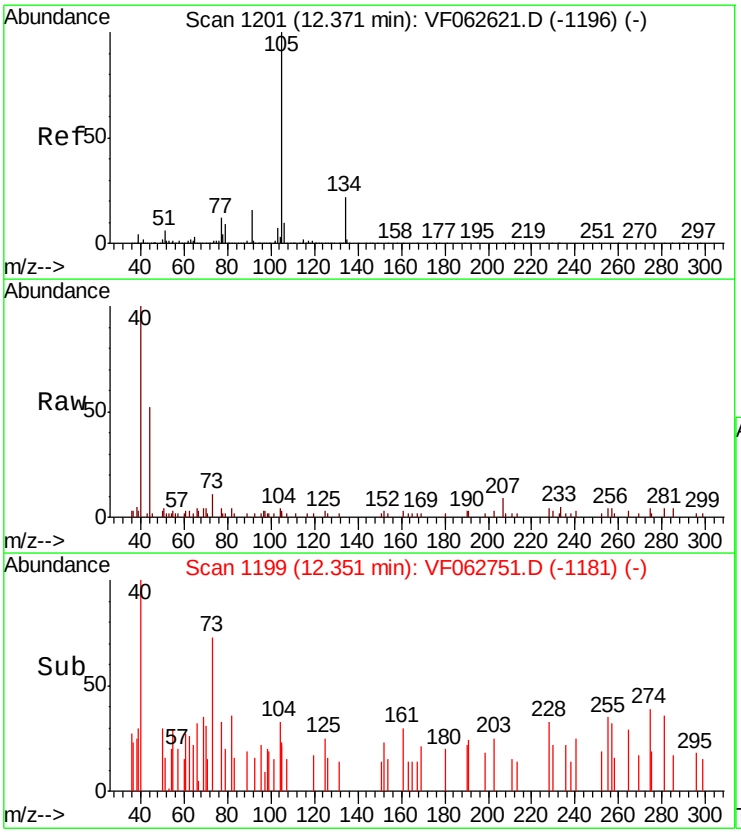
#84
1,2,4-Trimethylbenzene
Concen: 1.193 ug/l
RT: 12.19 min Scan# 1183
Delta R.T. -0.08 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion:105 Resp: 180

Ion	Ratio	Lower	Upper
105	100		
120	66.1	26.7	80.1

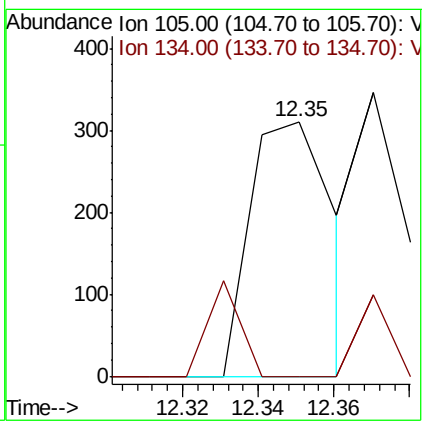


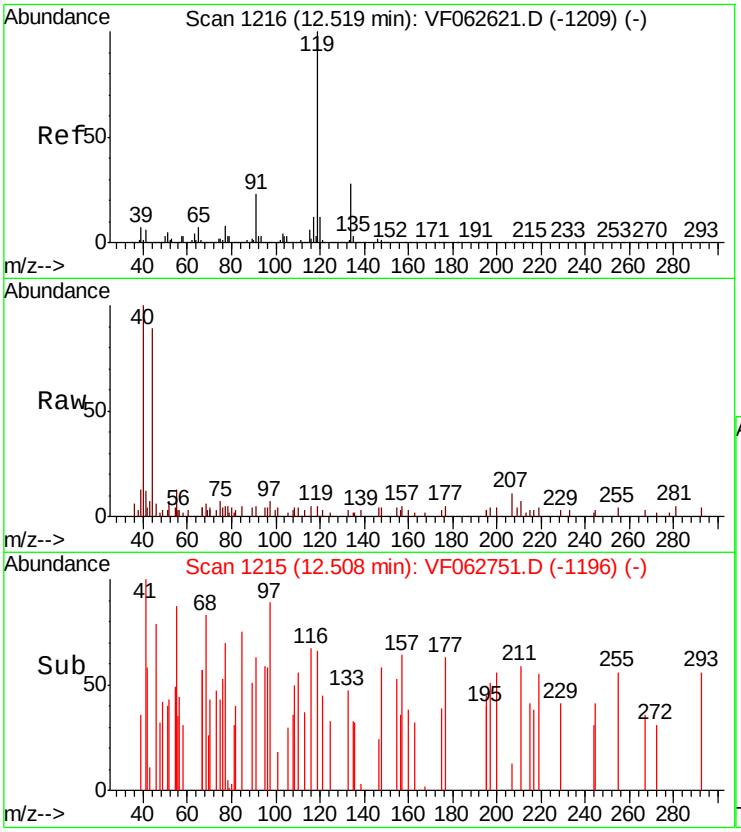


#85
sec-Butylbenzene
Concen: 2.234 ug/l
RT: 12.35 min Scan# 1199
Delta R.T. -0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion:105 Resp: 474

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.8	32.4#



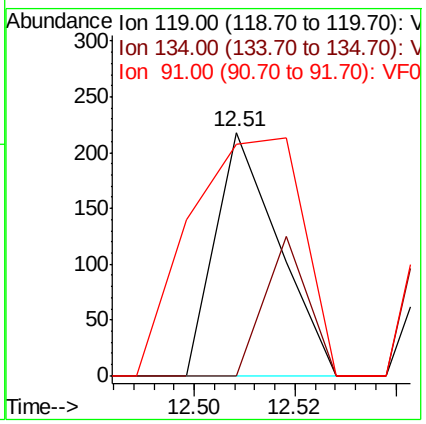


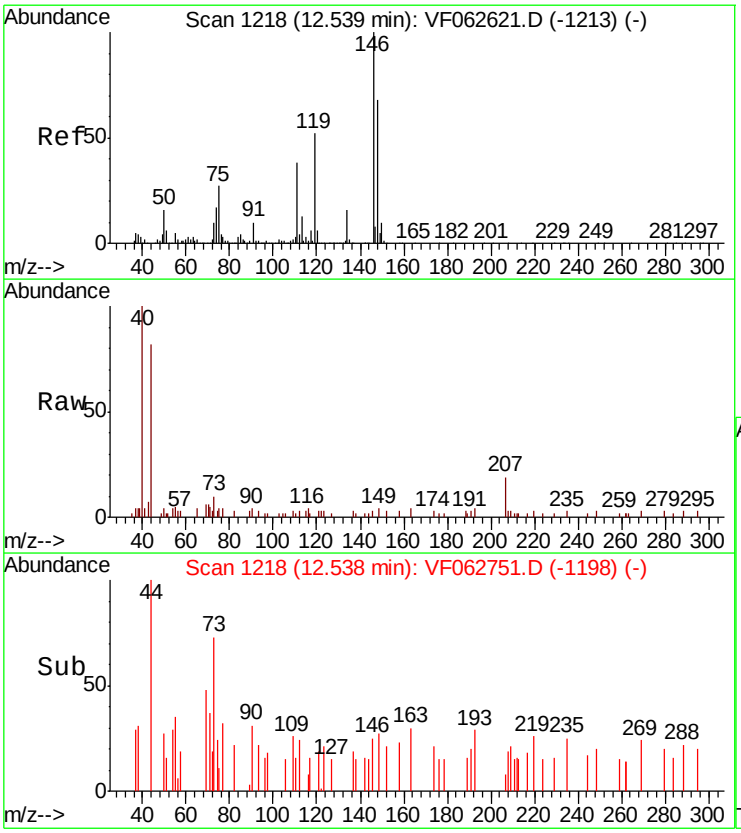
#86
p-Isopropyltoluene
Concen: 1.057 ug/l
RT: 12.51 min Scan# 1215
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion:119 Resp: 189

Ion	Ratio	Lower	Upper
119	100		
134	0.0	14.1	42.3#
91	95.0	11.4	34.2#

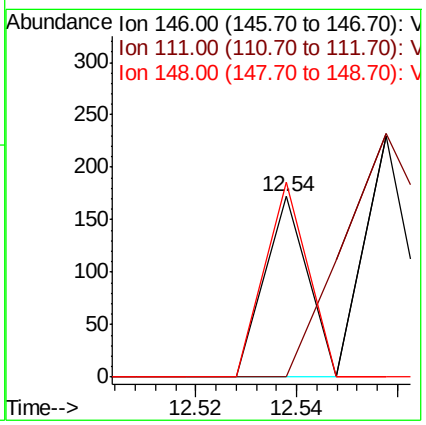


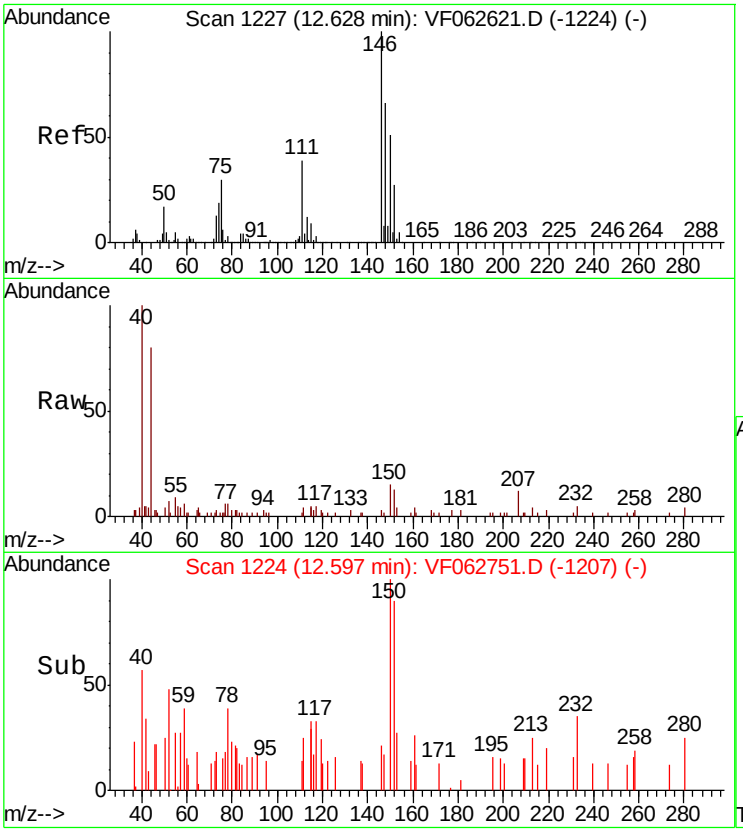


#87
1,3-Dichlorobenzene
Concen: 1.167 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion:146 Resp: 102

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.9	56.9#
148	108.1	34.0	101.8#



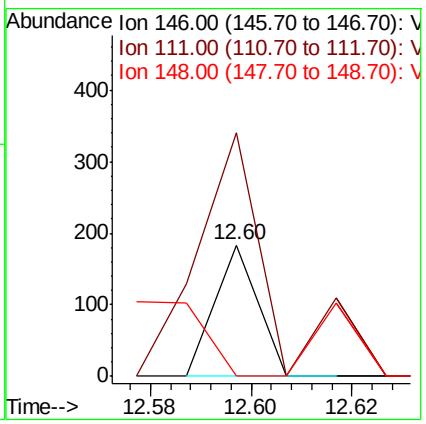


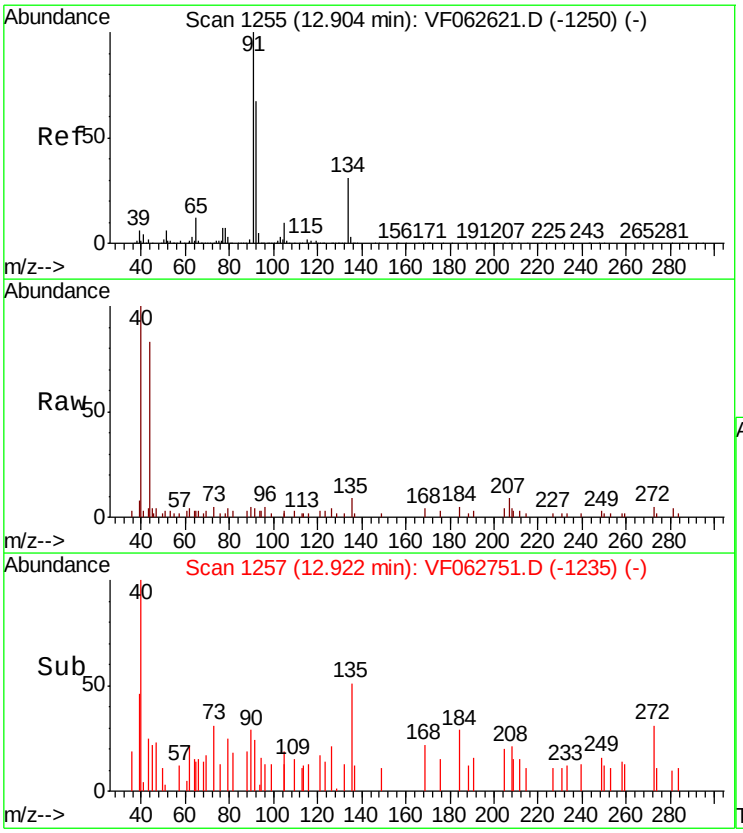
#88
1,4-Dichlorobenzene
Concen: 1.317 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion:146 Resp: 108

Ion	Ratio	Lower	Upper
146	100		
111	185.8	19.4	58.2#
148	0.0	33.2	99.6#

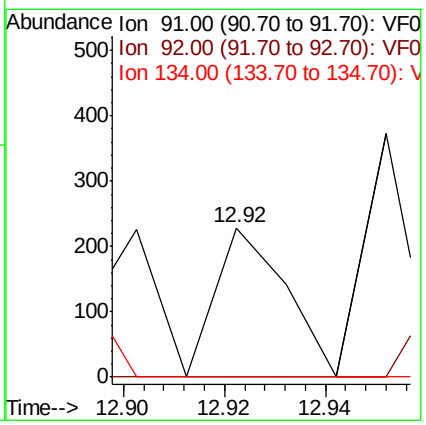


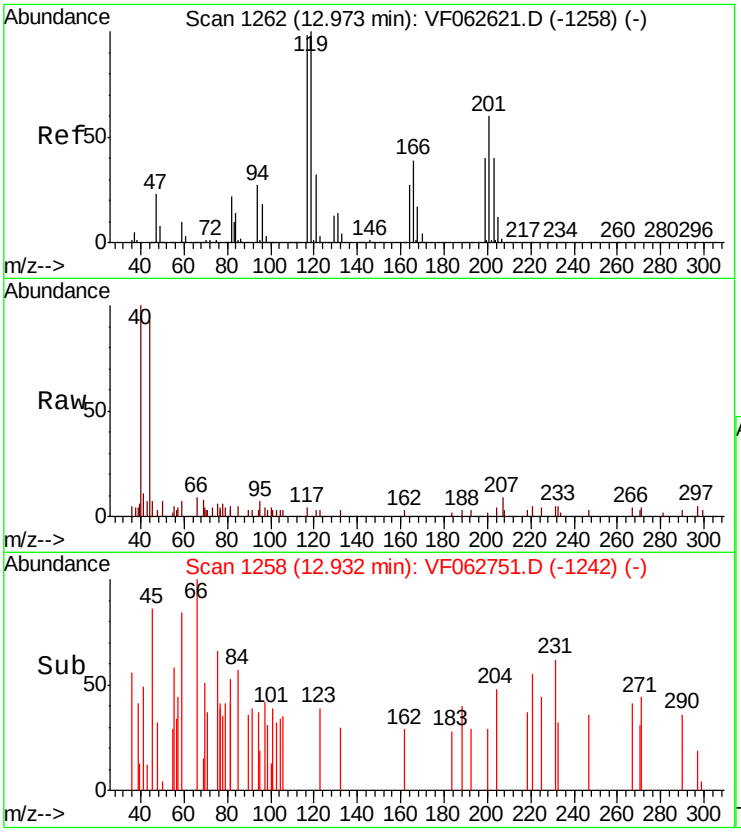


#89
n-Butylbenzene
Concen: 1.242 ug/l
RT: 12.92 min Scan# 1257
Delta R.T. 0.02 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion: 91 Resp: 219

Ion	Ratio	Lower	Upper
91	100		
92	0.0	33.3	99.8#
134	0.0	15.4	46.4#



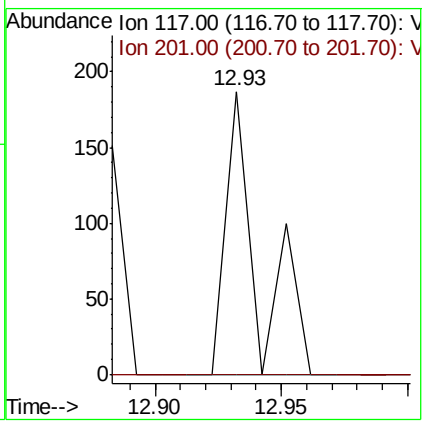


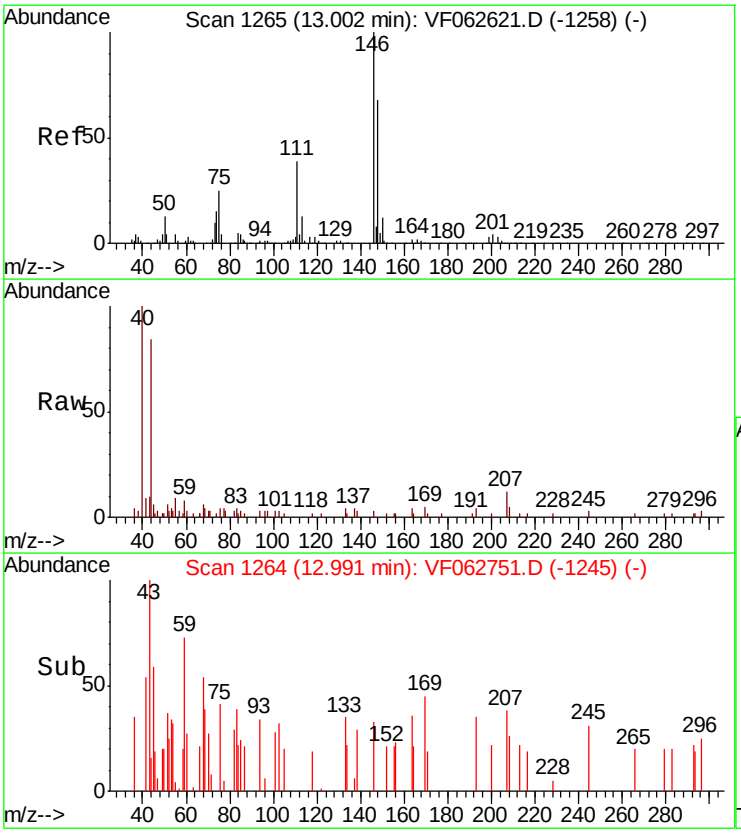
#90
Hexachloroethane
Concen: 3.963 ug/l
RT: 12.93 min Scan# 1258
Delta R.T. -0.04 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument : MSVOA_F
ClientSampleId : TP-2-D2

Tgt Ion:117 Resp: 170

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.7	92.1#

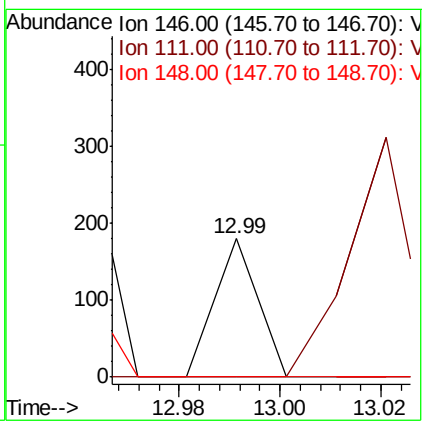


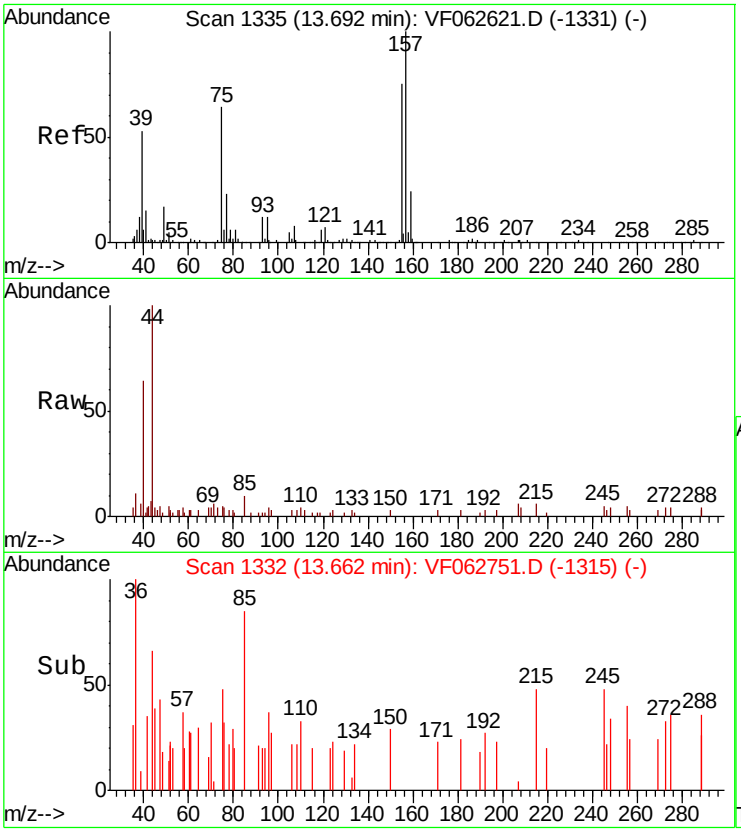


#91
1,2-Dichlorobenzene
Concen: 1.360 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion:146 Resp: 106

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.8	59.3#
148	0.0	34.1	102.2#



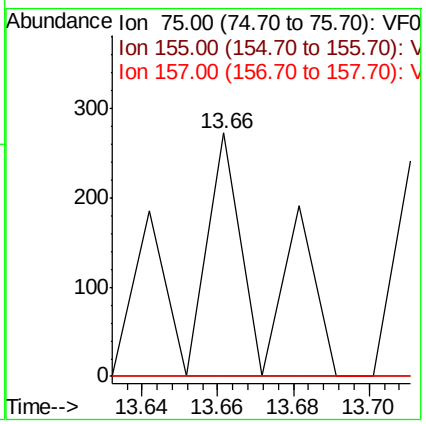


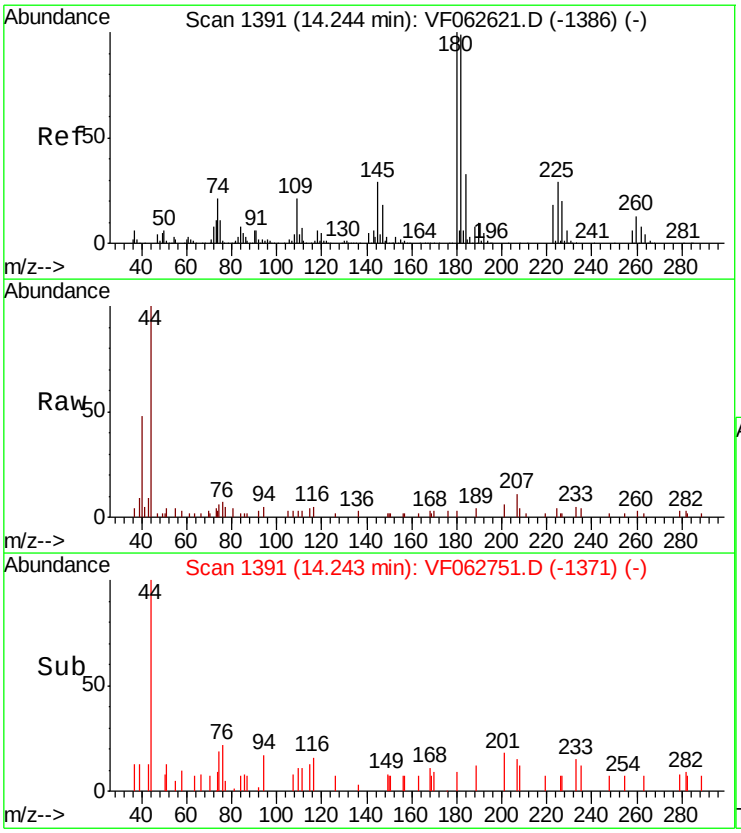
#92
1,2-Dibromo-3-Chloropropane
Concen: 57.821 ug/l
RT: 13.66 min Scan# 1332
Delta R.T. -0.03 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 75 Resp: 274

Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.1	174.3#
157	0.0	77.8	233.4#

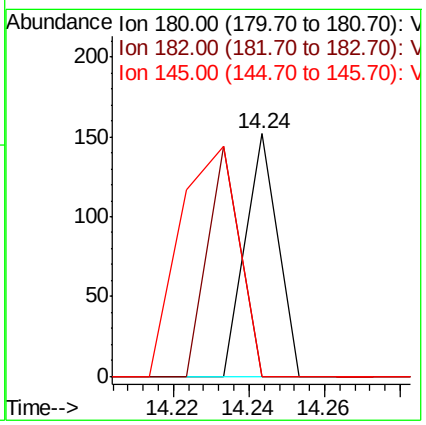


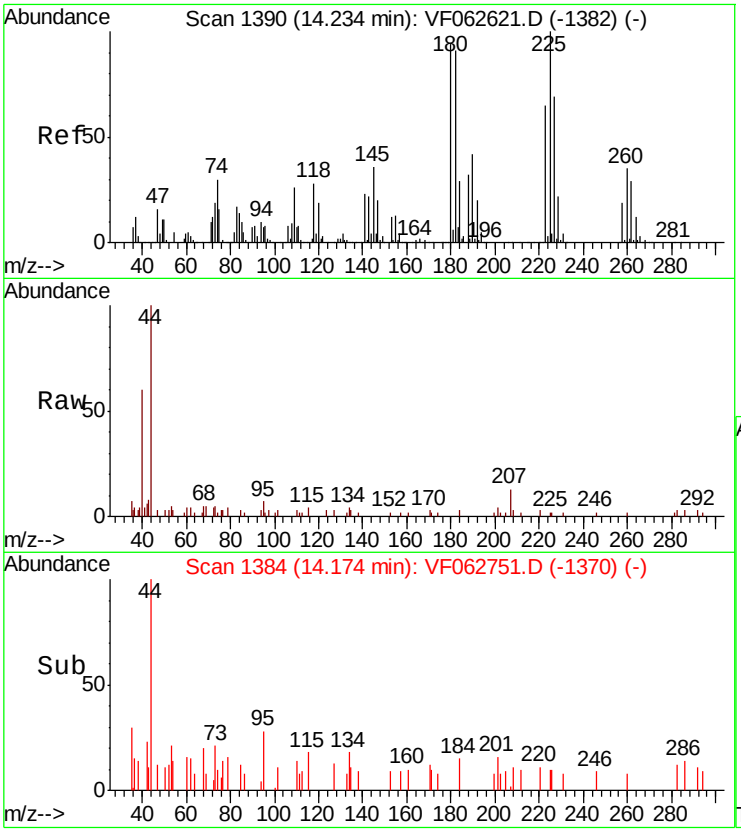


#93
1,2,4-Trichlorobenzene
Concen: 1.614 ug/l
RT: 14.24 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion:180 Resp: 90

Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.7	149.1#
145	0.0	14.6	44.0#



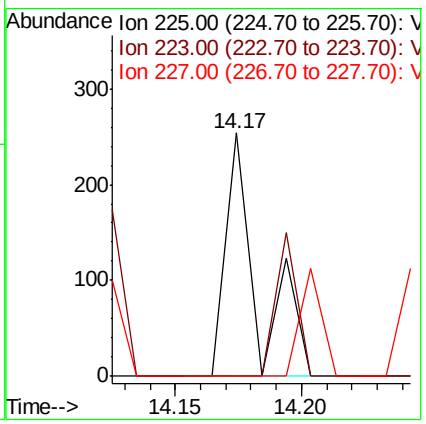


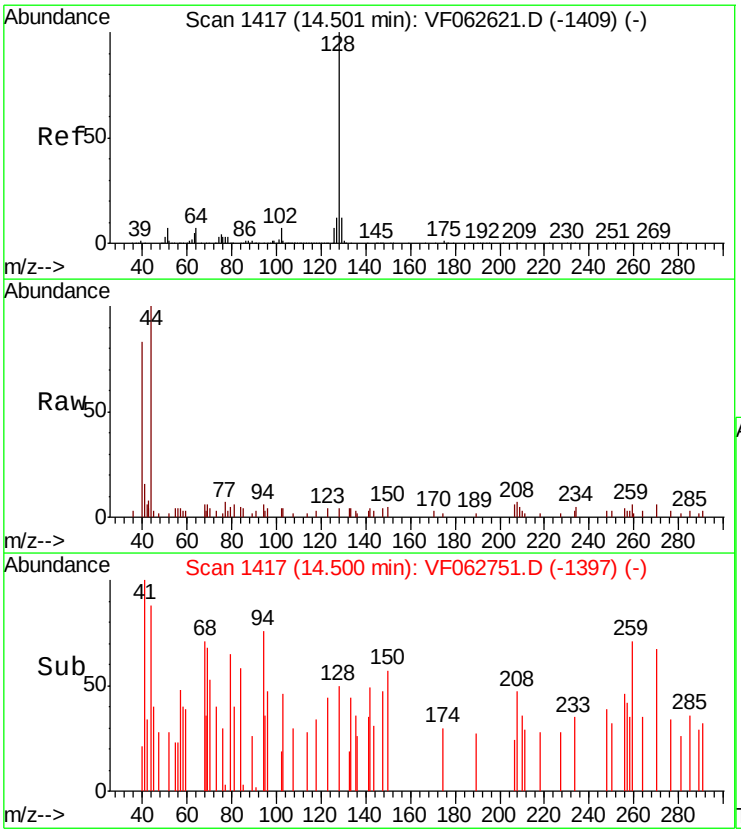
#94
Hexachlorobutadiene
Concen: 5.729 ug/l
RT: 14.17 min Scan# 1384
Delta R.T. -0.06 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion:225 Resp: 223

Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.5	97.4#
227	0.0	34.5	103.5#

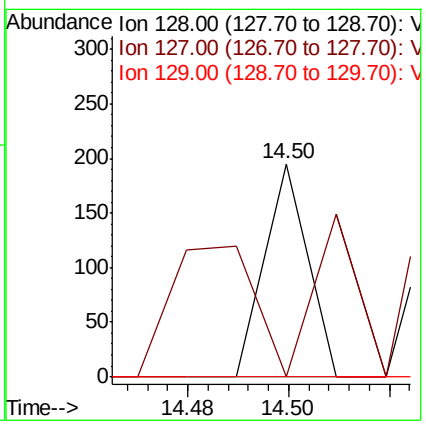


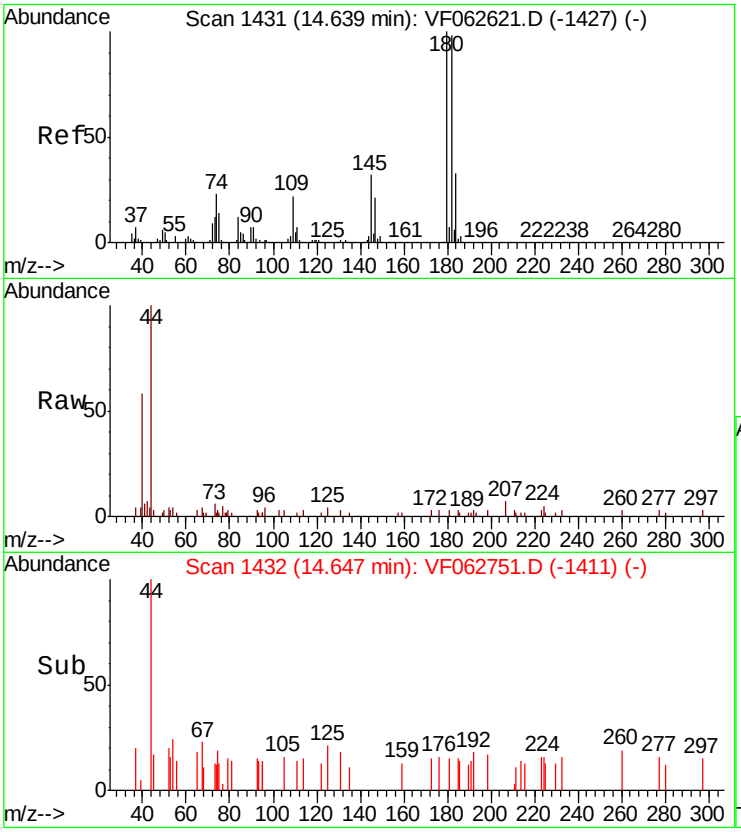


#95
Naphthalene
Concen: 1.135 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Tgt Ion:128 Resp: 115

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.7	14.5#
129	0.0	9.3	13.9#





#96
1,2,3-Trichlorobenzene
Concen: 2.953 ug/l
RT: 14.65 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VF062751.D
Acq: 24 May 2019 17:19

Instrument :
MSVOA_F
ClientSampleId :
TP-2-D2

Tgt Ion:180 Resp: 156

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.9	146.7#
145	0.0	16.1	48.2#