Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF071918\
Data File : VF059580.D
Acq On : 20 Jul 2018 2:53
Operator : VA/AP
Sample : J4062-07
Misc : 1.86g/5mL/MSVOA_F/SOIL
ALS Vial : 72 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jul 20 07:10:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.16	168	68	50.00	ug/l	0.11
34) 1,4-Difluorobenzene	6.21	114	80	50.00	ug/l	0.42
63) Chlorobenzene-d5	10.81	117	144	50.00	ug/l	0.88
72) 1,4-Dichlorobenzene-d4	12.59	152	63	50.00	ug/l	-0.06
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
35) Dibromofluoromethane	4.45	113	90	129.90	ug/l	0.15
Spiked Amount 50.000			Recovery =	259.80%		
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
3) Chloromethane	1.08	50	182	397.014	ug/l #	44
4) Vinyl Chloride	1.21	62	73	157.823	ug/l #	1
6) Chloroethane	1.37	64	69	295.837	ug/l #	46
8) Diethyl Ether	1.57	74	69	316.752	ug/l #	1
10) Methyl Iodide	1.93	142	64	76.472	ug/l #	23
11) Tert butyl alcohol	2.74	59	73	1717.860	ug/l #	74
12) 1,1-Dichloroethene	1.92	96	92	180.959	ug/l #	1
13) Acrolein	2.12	56	80	5320.715	ug/l #	70
14) Allyl chloride	2.25	41	88	138.699	ug/l #	57
15) Acrylonitrile	3.17	53	71	800.181	ug/l #	63
16) Acetone	2.36	43	377	2651.449	ug/l #	64
18) Methyl Acetate	2.46	43	263	863.316	ug/l #	67
19) Methyl tert-butyl Ether	2.69	73	76	47.653	ug/l #	59
20) Methylene Chloride	2.37	84	135	306.451	ug/l #	3
21) trans-1,2-Dichloroethene	2.53	96	67	142.533	ug/l #	1
22) Diisopropyl ether	3.00	45	231	129.547	ug/l #	37
23) Vinyl Acetate	3.39	43	186	178.504	ug/l #	84
24) 1,1-Dichloroethane	2.99	63	66	59.935	ug/l #	91
25) 2-Butanone	4.60	43	87	354.327	ug/l #	60
26) 2,2-Dichloropropane	3.75	77	77	105.692	ug/l #	62
27) cis-1,2-Dichloroethene	3.77	96	66	120.642	ug/l	1
28) Bromochloromethane	4.09	49	86	177.423	ug/l #	6
29) Tetrahydrofuran	4.30	42	62	655.166	ug/l #	38
30) Chloroform	4.09	83	62	38.974	ug/l #	17
31) Cyclohexane	3.92	56	73	127.983	ug/l #	15
32) 1,1,1-Trichloroethane	4.36	97	78	75.451	ug/l #	21
36) 1,1-Dichloropropene	4.75	75	60	74.931	ug/l #	45
37) Ethyl Acetate	4.60	43	87	221.386	ug/l #	41
38) Carbon Tetrachloride	4.32	117	63	68.655	ug/l #	12
40) Benzene	5.21	78	62	39.911	ug/l #	51
41) Methacrylonitrile	5.29	41	150	653.219	ug/l #	27
42) 1,2-Dichloroethane	5.52	62	70	68.601	ug/l	85
43) Isopropyl Acetate	7.64	43	78	135.559	ug/l #	51
44) Trichloroethene	5.98	130	82	142.603	ug/l	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059580.D
Acq On : 20 Jul 2018 2:53
Operator : VA/AP
Sample : J4062-07
Misc : 1.86g/5mL/MSVOA F/SOIL
ALS Vial : 72 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jul 20 07:10:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) Methyl methacrylate	7.45	41	101	245.778 ug/l #	13
49) 1,4-Dioxane	7.79	88	61	Below Cal #	15
51) 4-Methyl-2-Pentanone	9.06	43	131	321.182 ug/l #	40
53) t-1,3-Dichloropropene	9.12	75	108	116.161 ug/l #	38
55) 1,1,2-Trichloroethane	9.23	97	59	135.156 ug/l #	15
56) Ethyl methacrylate	9.41	69	77	142.235 ug/l #	1
57) 1,3-Dichloropropane	9.59	76	106	137.324 ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.51	63	154	3222.128 ug/l	100
59) 2-Hexanone	10.34	43	64	207.622 ug/l #	30
61) 1,2-Dibromoethane	9.82	107	61	112.618 ug/l #	2
67) Ethyl Benzene	10.06	91	62	12.897 ug/l #	45
68) m/p-Xylenes	10.33	106	99	58.350 ug/l #	1
69) o-Xylene	10.70	106	60	33.210 ug/l	47
70) Styrene	10.93	104	79	28.448 ug/l #	26
74) N-amyl acetate	11.50	43	147	115.458 ug/l #	48
76) 1,2,3-Trichloropropane	11.97	75	70	98.863 ug/l #	38
80) 1,3,5-Trimethylbenzene	11.89	105	144	43.229 ug/l #	29
81) trans-1,4-Dichloro-2-buten	11.97	75	70	216.421 ug/l #	6
83) tert-Butylbenzene	12.37	119	62	19.393 ug/l #	26
86) p-Isopropyltoluene	12.56	119	65	18.374 ug/l #	50
87) 1,3-Dichlorobenzene	12.71	146	63	32.956 ug/l #	23
88) 1,4-Dichlorobenzene	12.71	146	63	33.445 ug/l #	25
89) n-Butylbenzene	13.02	91	60	18.123 ug/l #	30
90) Hexachloroethane	12.94	117	76	94.577 ug/l #	17
91) 1,2-Dichlorobenzene	12.93	146	66	36.099 ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.60	75	81	412.346 ug/l #	8
93) 1,2,4-Trichlorobenzene	14.22	180	68	61.210 ug/l #	12
95) Naphthalene	14.51	128	72	31.198 ug/l #	69

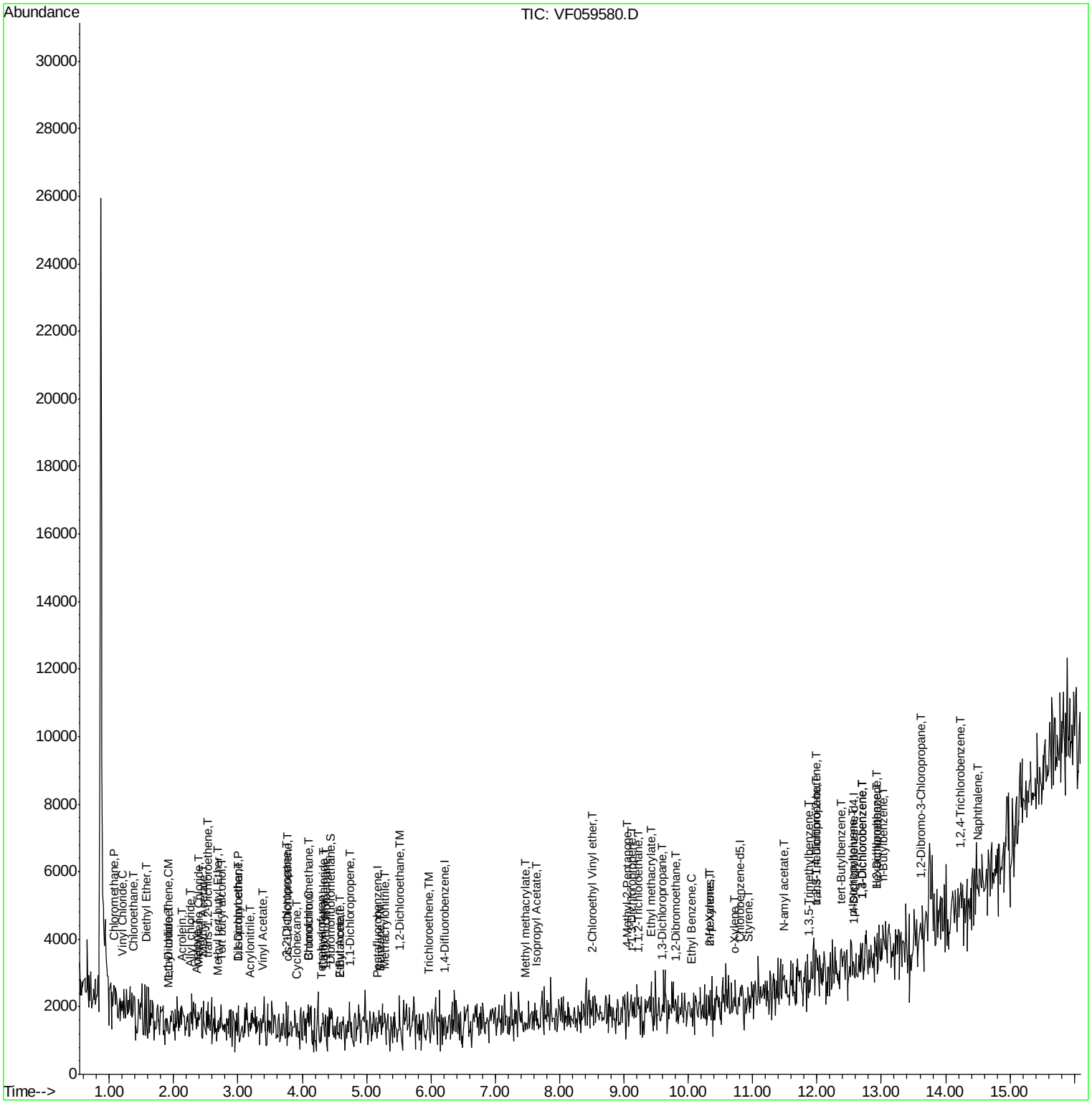
(#) = qualifier out of range (m) = manual integration (+) = signals summed

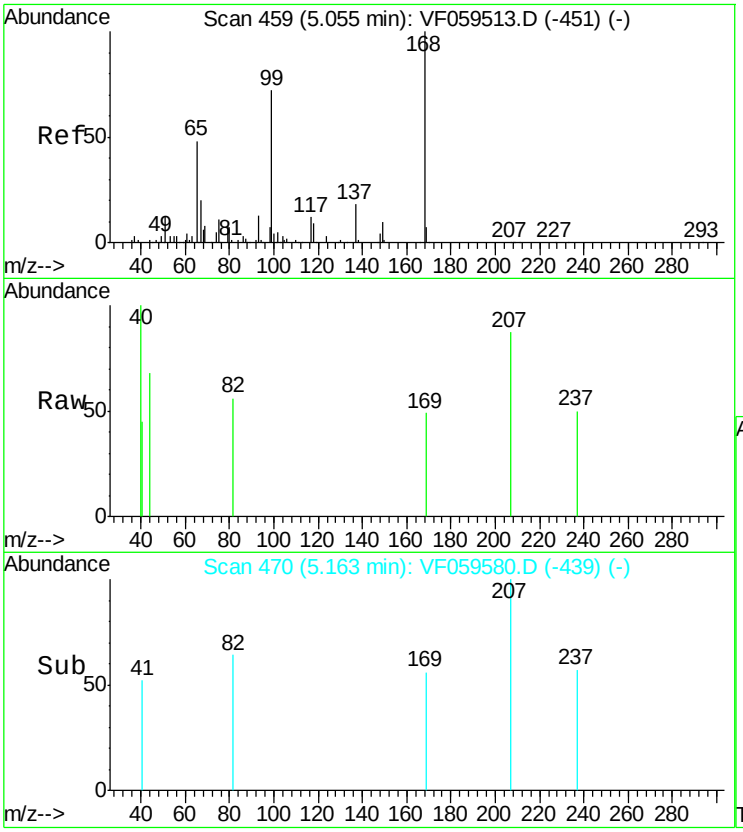
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059580.D
Acq On : 20 Jul 2018 2:53
Operator : VA/AP
Sample : J4062-07
Misc : 1.86g/5mL/MSVOA F/SOIL
ALS Vial : 72 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jul 20 07:10:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration



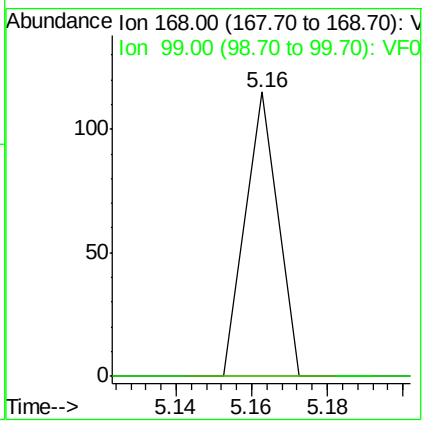


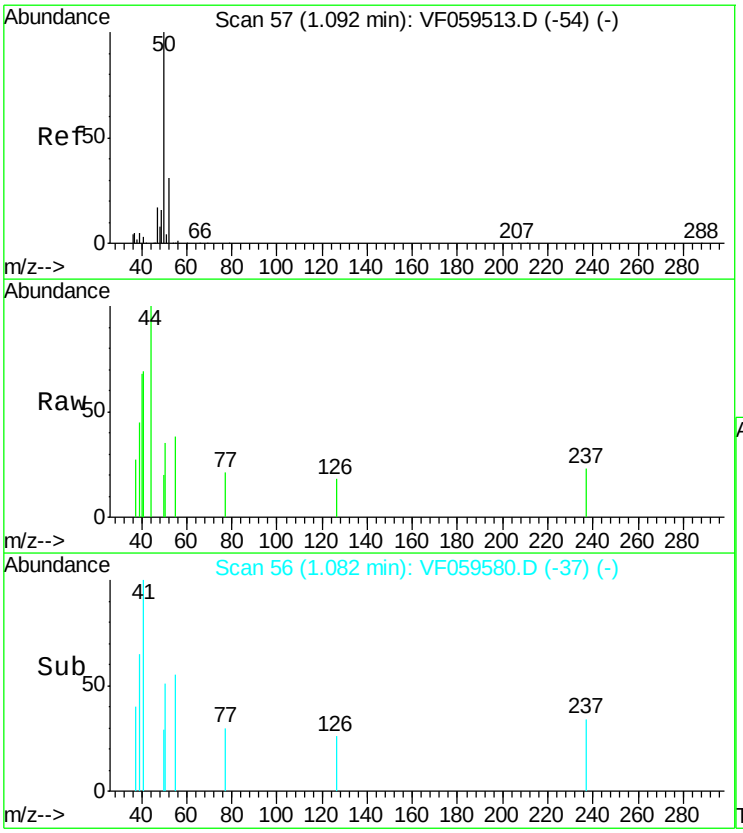
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.16 min Scan# 470
Delta R.T. 0.11 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 68

Ion	Ratio	Lower	Upper
168	100		
99	0.0	57.6	86.4#

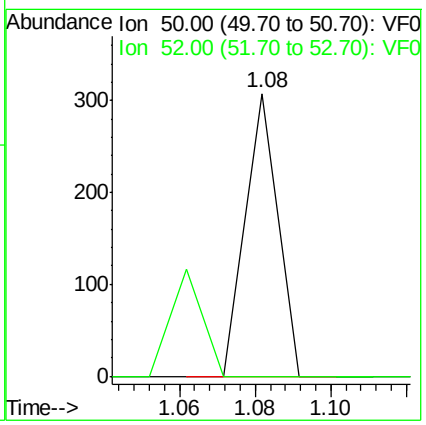


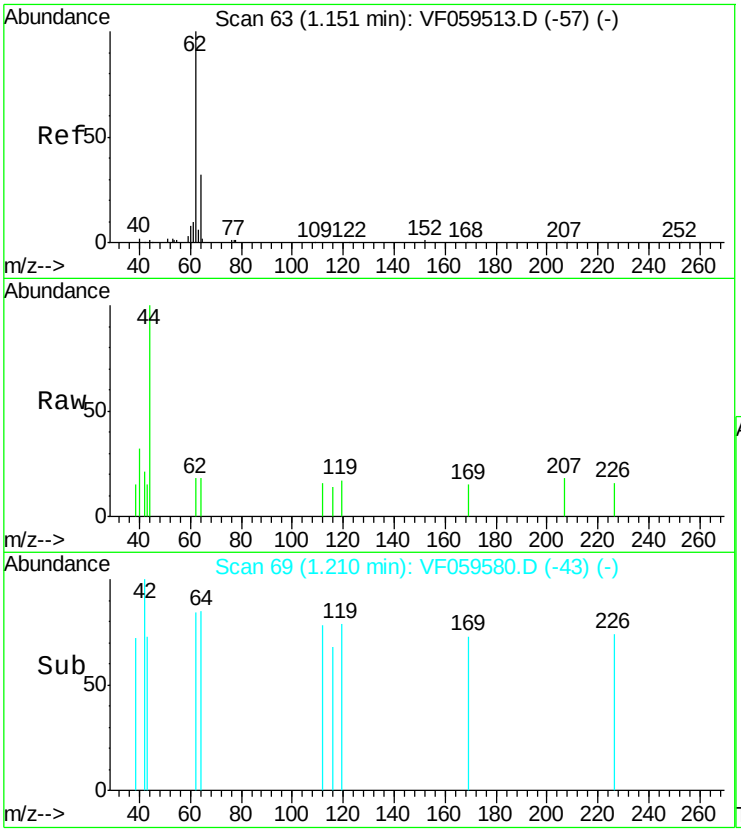


#3
Chloromethane
Concen: 397.014 ug/l
RT: 1.08 min Scan# 56
Delta R.T. -0.01 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 50 Resp: 182

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.6	37.0#



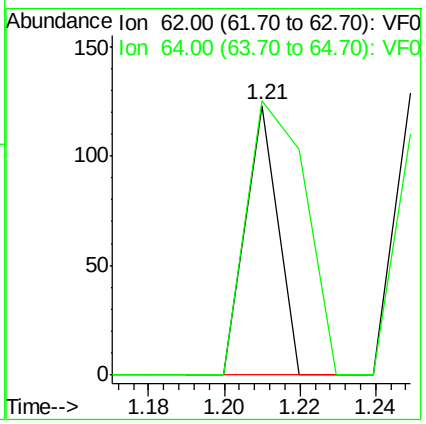


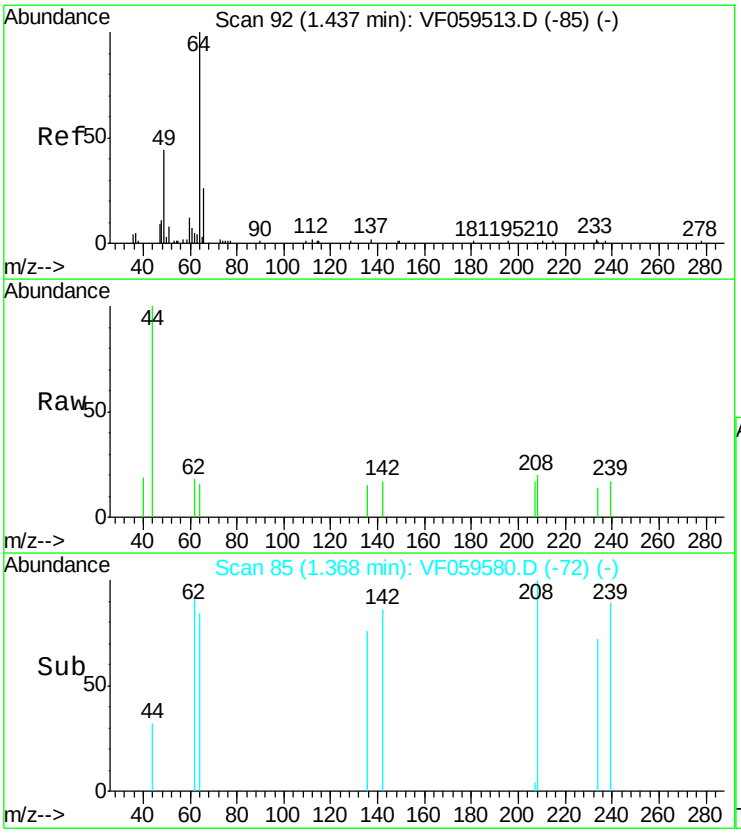
#4
Vinyl Chloride
Concen: 157.823 ug/l
RT: 1.21 min Scan# 69
Delta R.T. 0.06 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 62 Resp: 73

Ion	Ratio	Lower	Upper
62	100		
64	101.6	25.7	38.5#

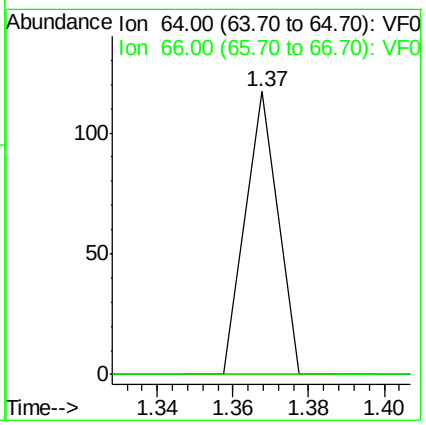


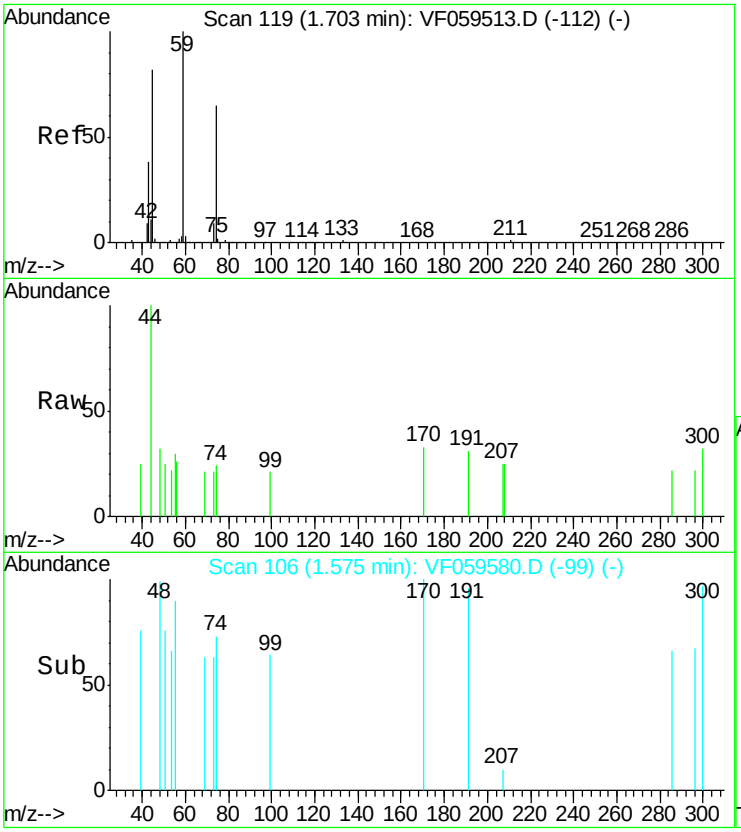


#6
Chloroethane
Concen: 295.837 ug/l
RT: 1.37 min Scan# 85
Delta R.T. -0.07 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 64 Resp: 69

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.9	34.3#



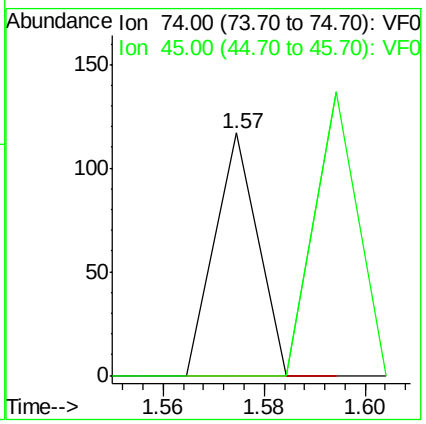


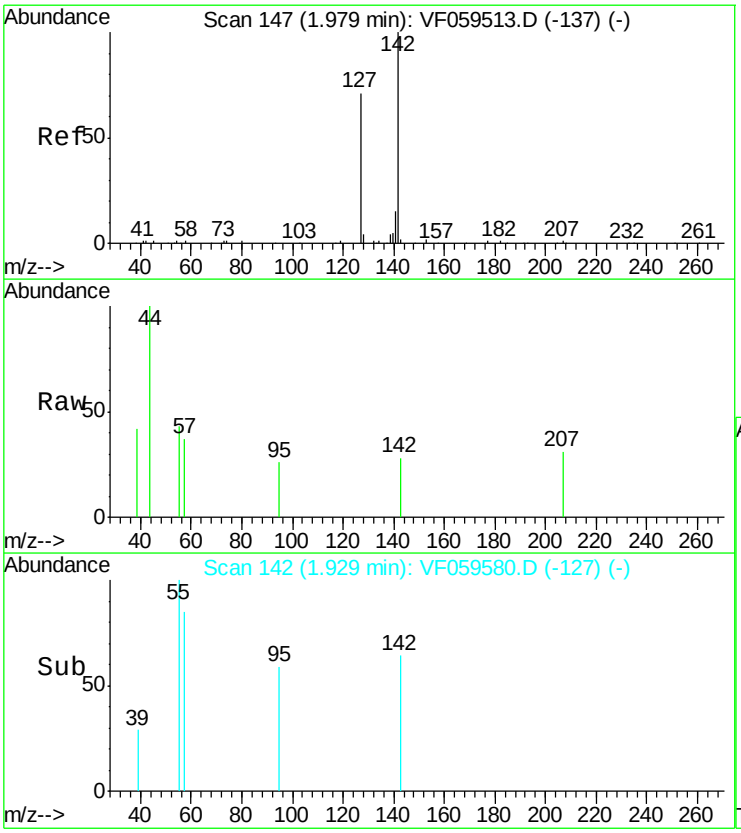
#8
Diethyl Ether
Concen: 316.752 ug/l
RT: 1.57 min Scan# 106
Delta R.T. -0.13 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 74 Resp: 69

Ion	Ratio	Lower	Upper
74	100		
45	0.0	63.6	190.9#

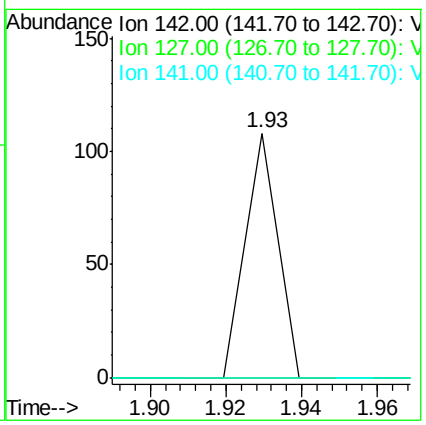


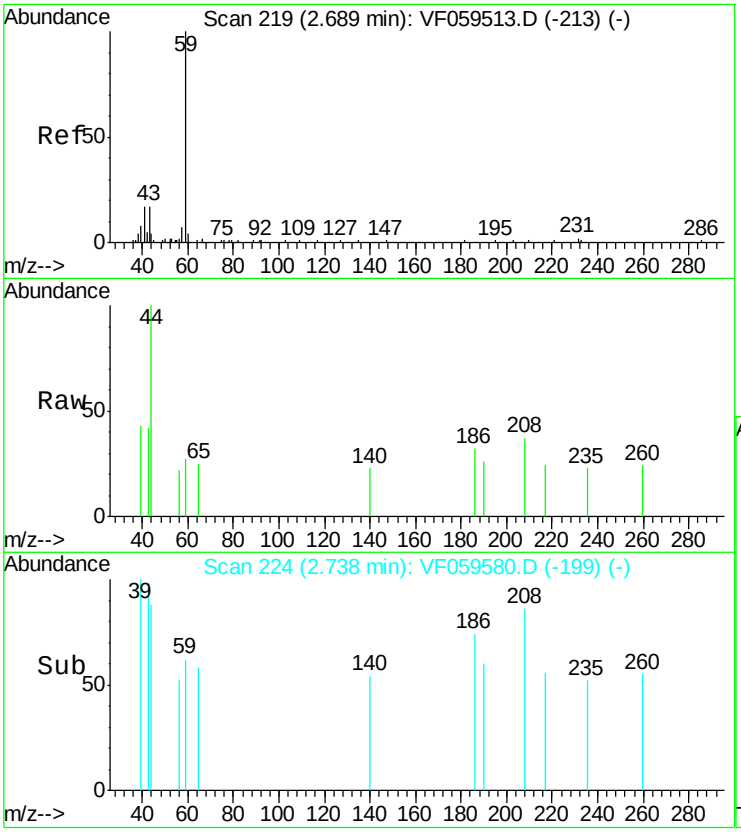


#10
Methyl Iodide
Concen: 76.472 ug/l
RT: 1.93 min Scan# 142
Delta R.T. -0.05 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion:142 Resp: 64

Ion	Ratio	Lower	Upper
142	100		
127	0.0	56.4	84.6#
141	0.0	12.0	18.0#



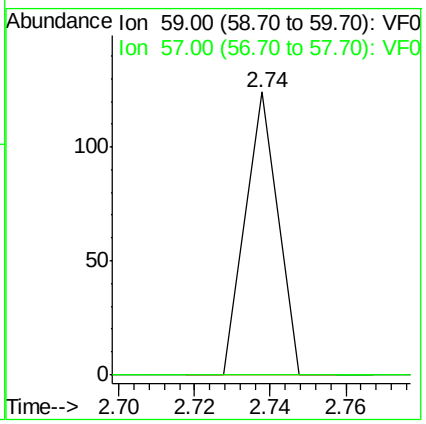


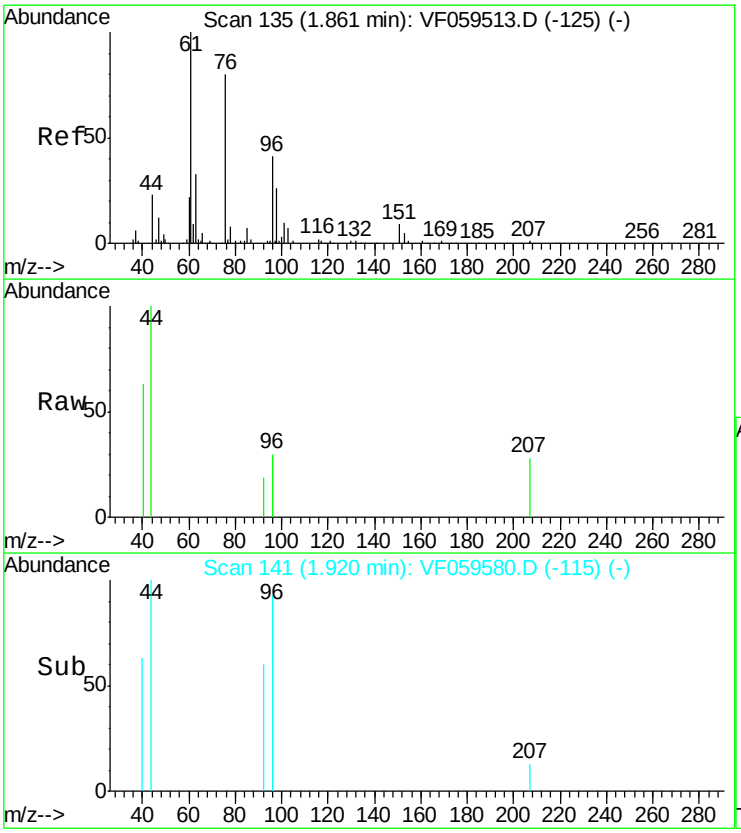
#11
Tert butyl alcohol
Concen: 1717.860 ug/l
RT: 2.74 min Scan# 224
Delta R.T. 0.05 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 73

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

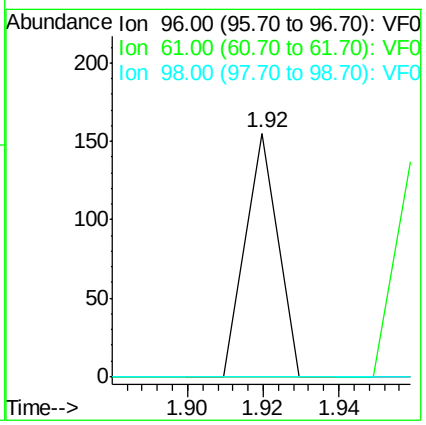


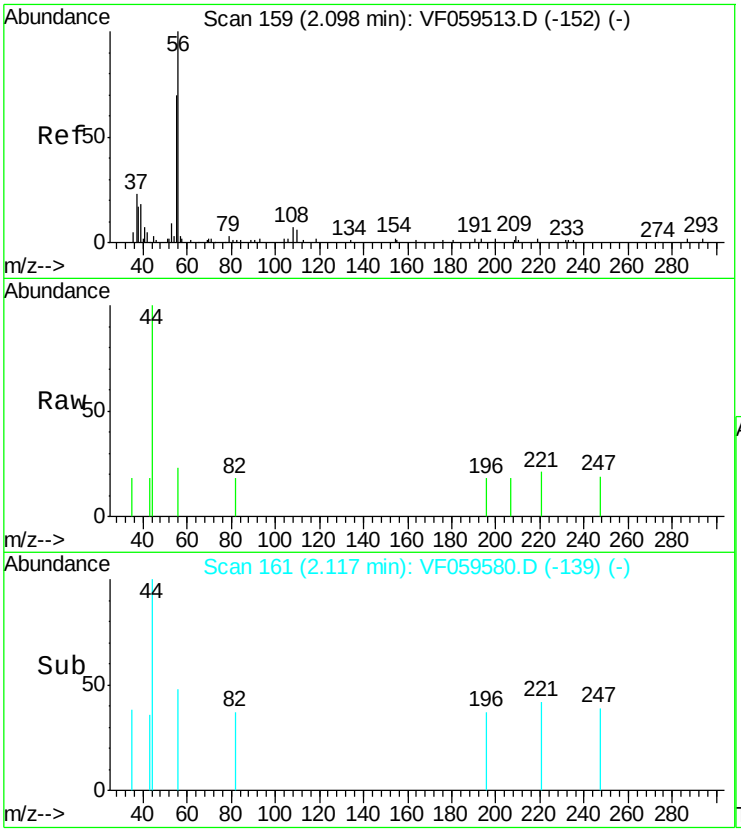


#12
1,1-Dichloroethene
Concen: 180.959 ug/l
RT: 1.92 min Scan# 141
Delta R.T. 0.06 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 96 Resp: 92

Ion	Ratio	Lower	Upper
96	100		
61	0.0	194.3	291.5#
98	0.0	50.3	75.5#



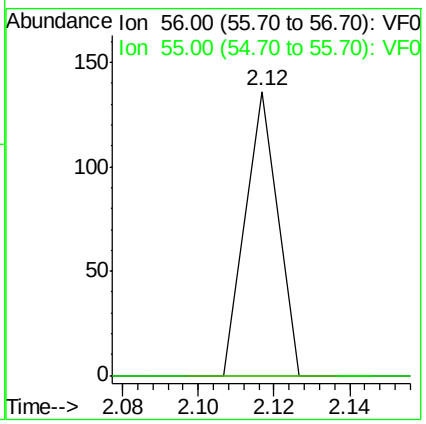


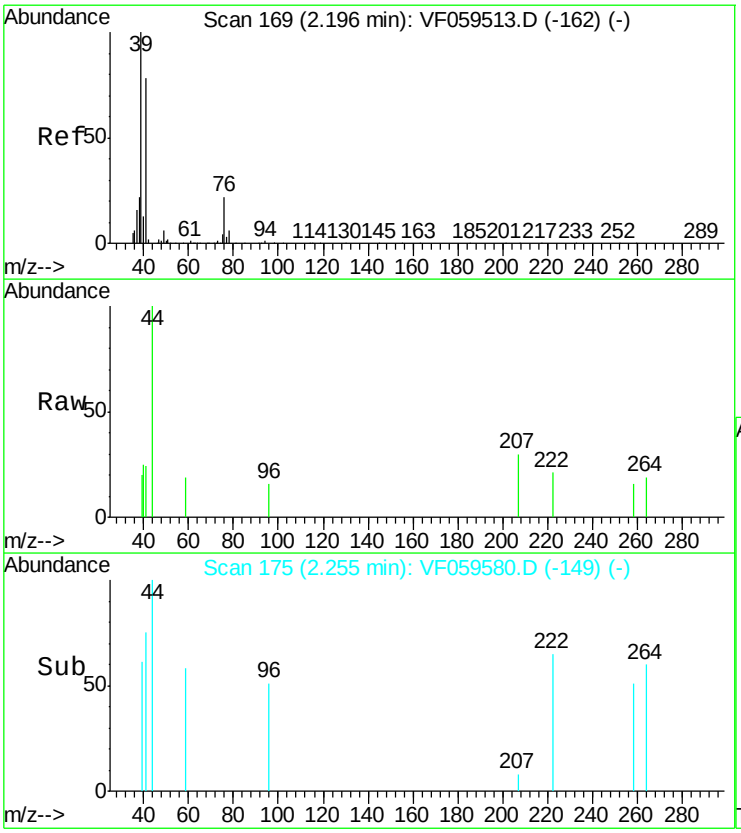
#13
Acrolein
Concen: 5320.715 ug/l
RT: 2.12 min Scan# 161
Delta R.T. 0.02 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 80

Ion	Ratio	Lower	Upper
56	100		
55	100.0	59.4	89.2#

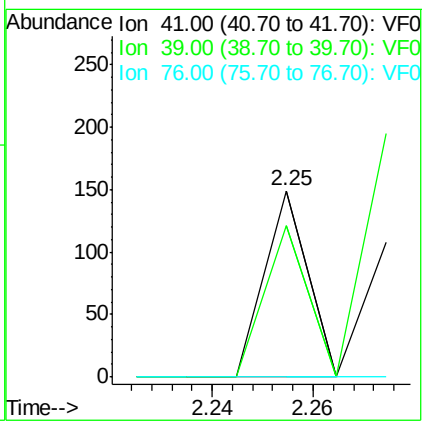


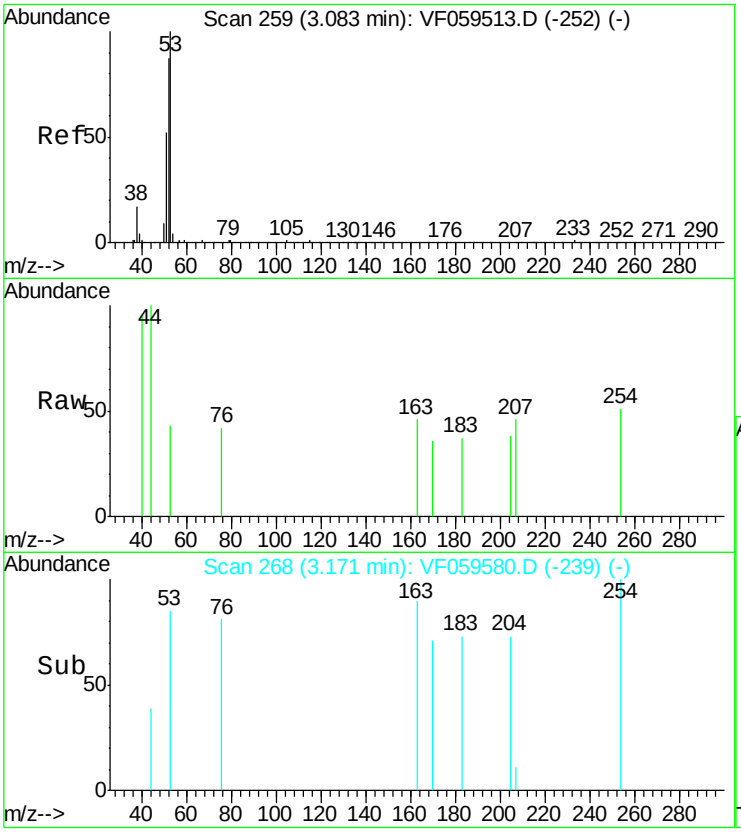


#14
Allyl chloride
Concen: 138.699 ug/l
RT: 2.25 min Scan# 175
Delta R.T. 0.06 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 41 Resp: 88

Ion	Ratio	Lower	Upper
41	100		
39	81.2	103.0	154.4#
76	0.0	22.6	34.0#



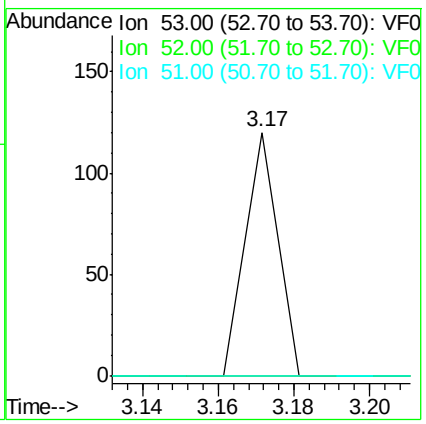


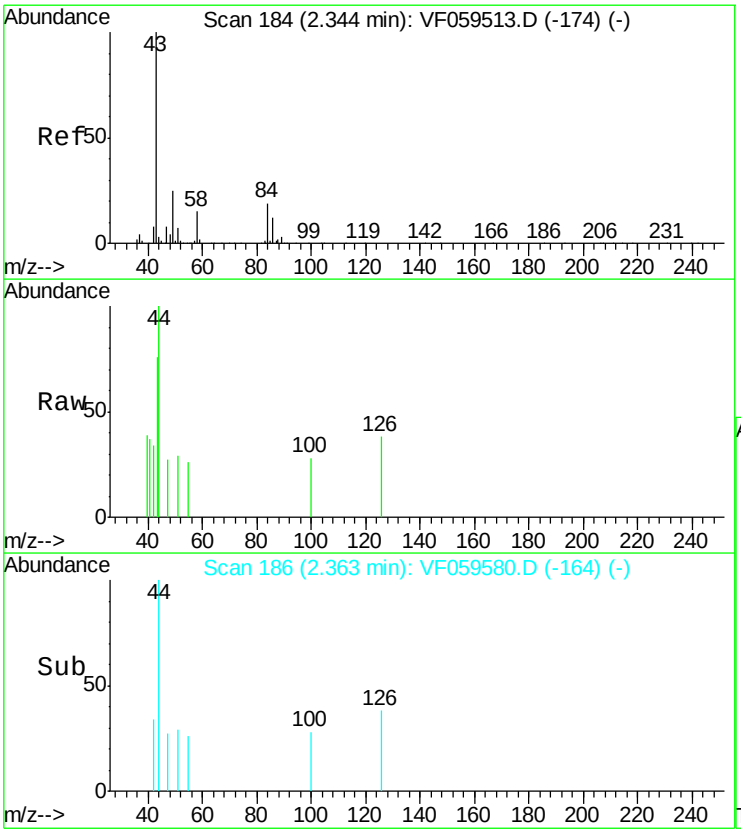
#15
Acrylonitrile
Concen: 800.181 ug/l
RT: 3.17 min Scan# 268
Delta R.T. 0.09 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 71

Ion	Ratio	Lower	Upper
53	100		
52	100.0	70.1	105.1
51	0.0	42.5	63.7#

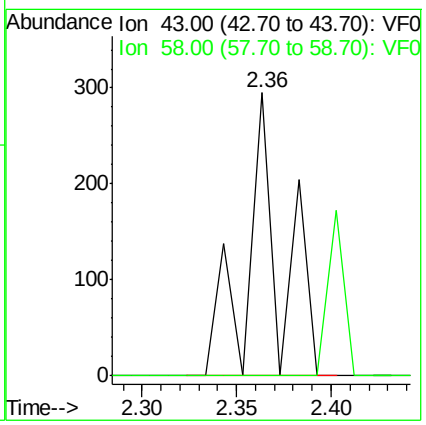


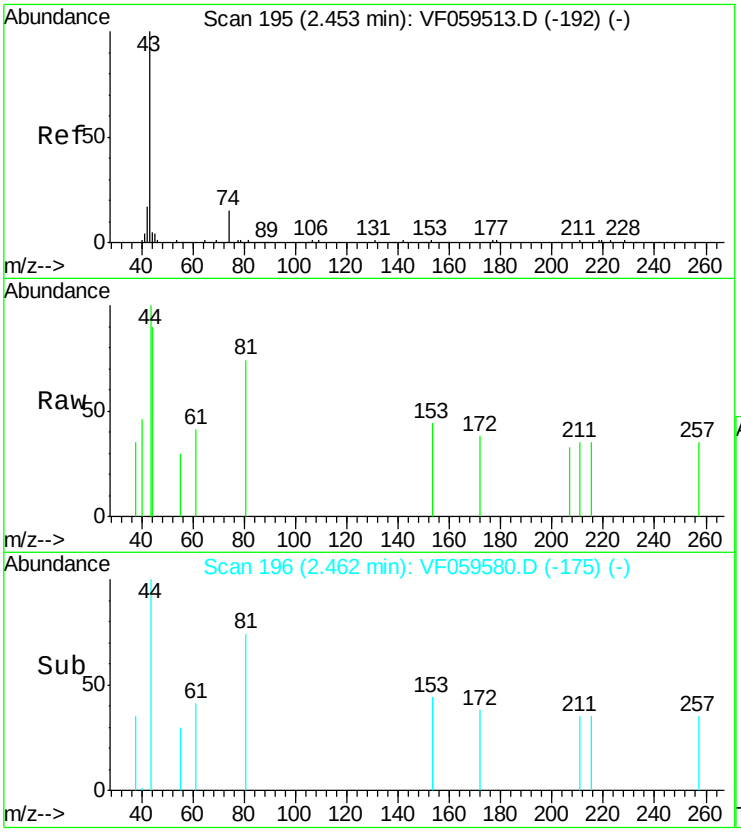


#16
Acetone
Concen: 2651.449 ug/l
RT: 2.36 min Scan# 186
Delta R.T. 0.02 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 43 Resp: 377

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.8	17.6#



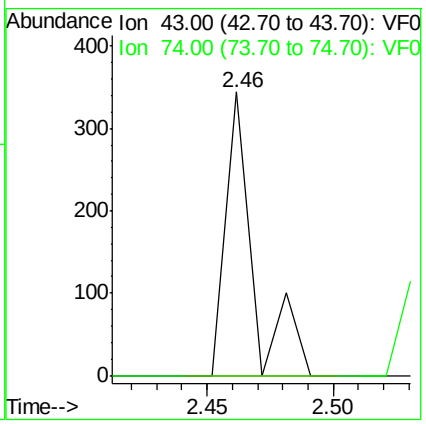


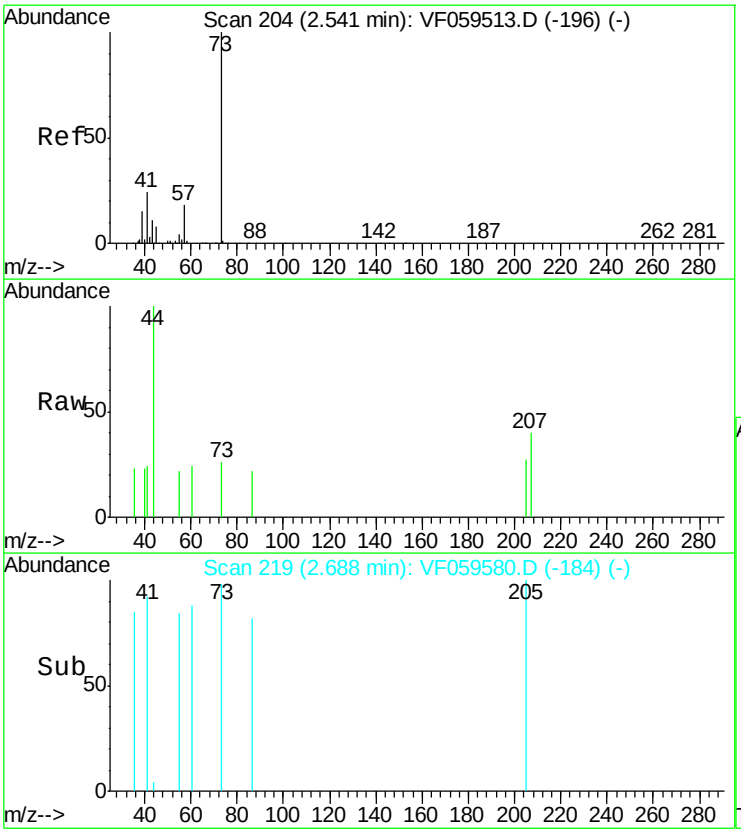
#18
Methyl Acetate
Concen: 863.316 ug/l
RT: 2.46 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 263

Ion	Ratio	Lower	Upper
43	100		
74	0.0	10.6	15.8#

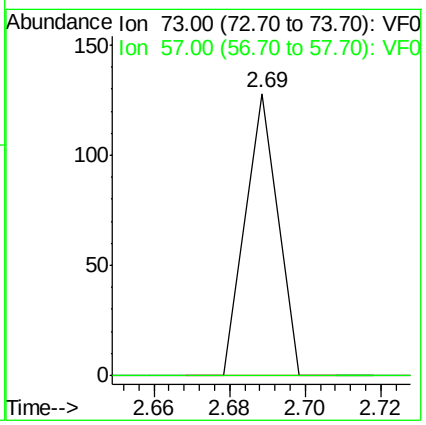


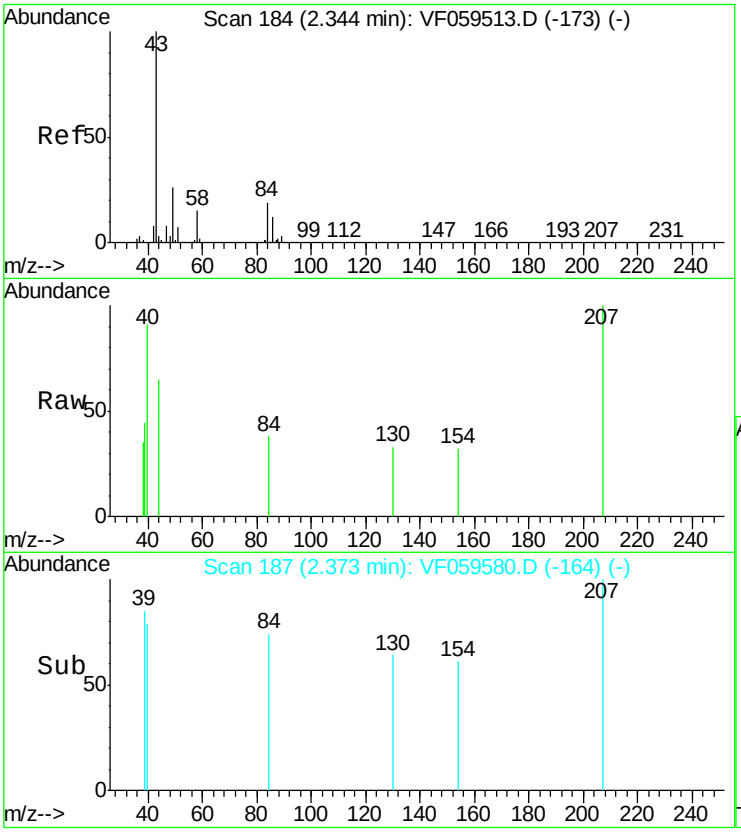


#19
Methyl tert-butyl Ether
Concen: 47.653 ug/l
RT: 2.69 min Scan# 219
Delta R.T. 0.15 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 73 Resp: 76

Ion	Ratio	Lower	Upper
73	100		
57	0.0	14.3	21.5#



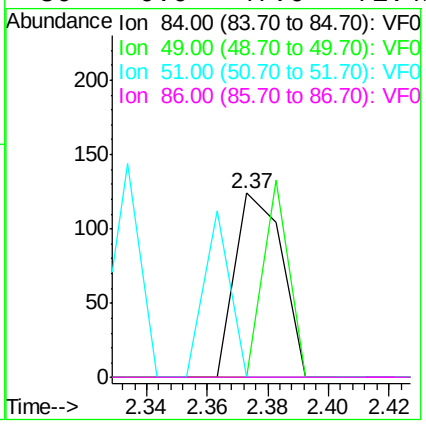


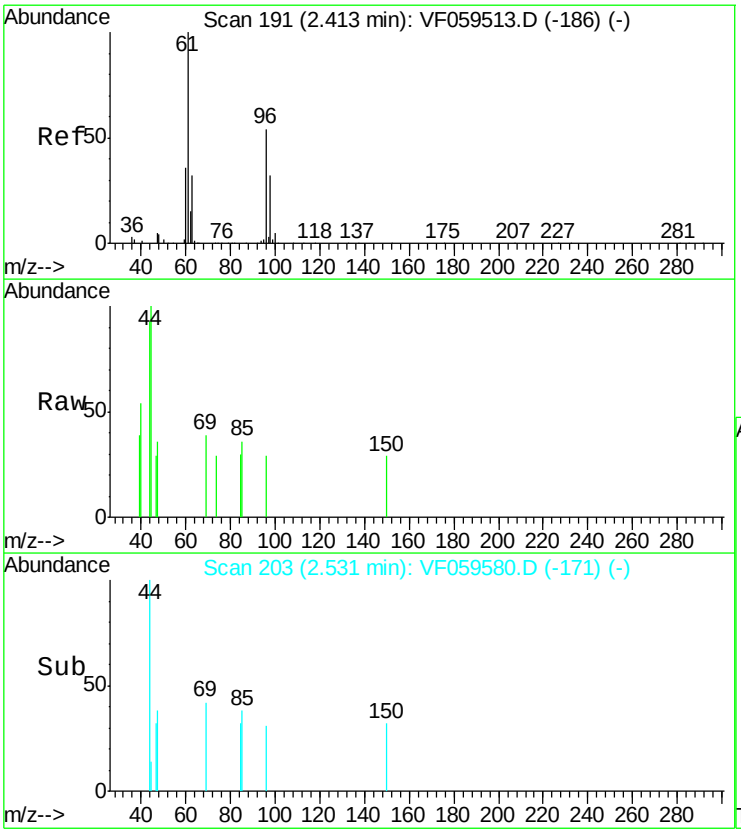
#20
Methylene Chloride
Concen: 306.451 ug/l
RT: 2.37 min Scan# 187
Delta R.T. 0.03 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 135

Ion	Ratio	Lower	Upper
84	100		
49	0.0	109.4	164.2#
51	0.0	30.5	45.7#
86	0.0	47.6	71.4#

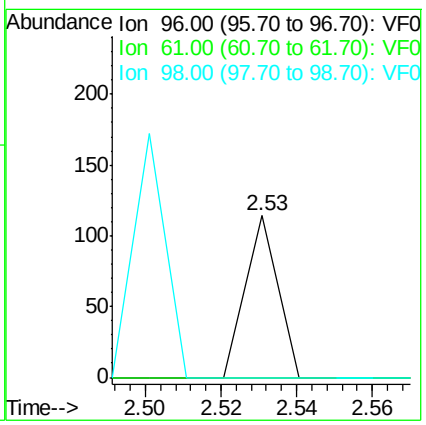


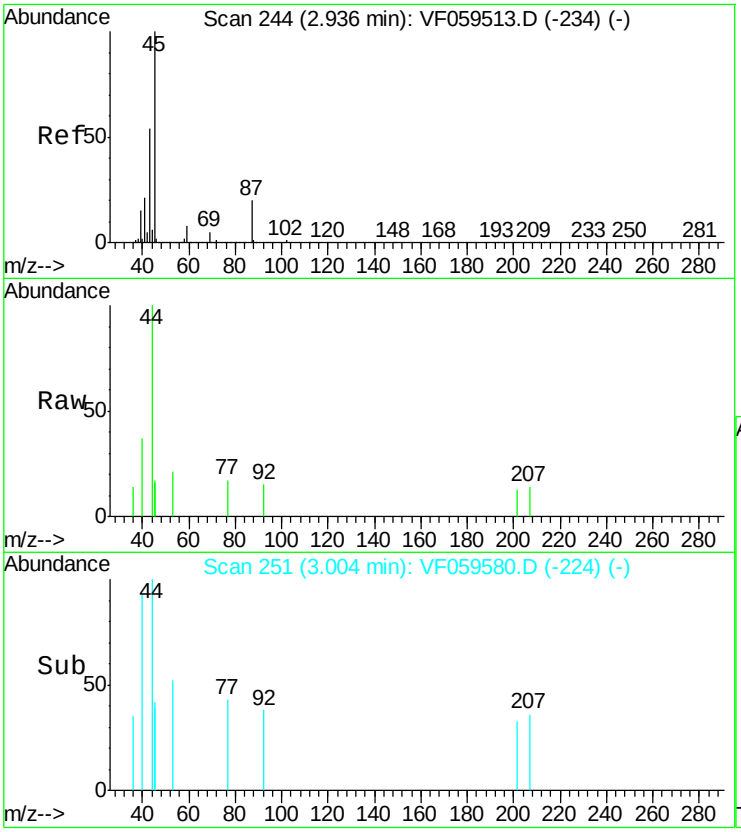


#21
trans-1,2-Dichloroethene
Concen: 142.533 ug/l
RT: 2.53 min Scan# 203
Delta R.T. 0.12 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 96 Resp: 67

Ion	Ratio	Lower	Upper
96	100		
61	0.0	149.8	224.8#
98	0.0	47.8	71.8#



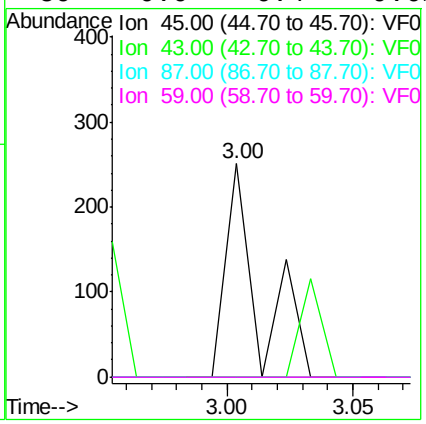


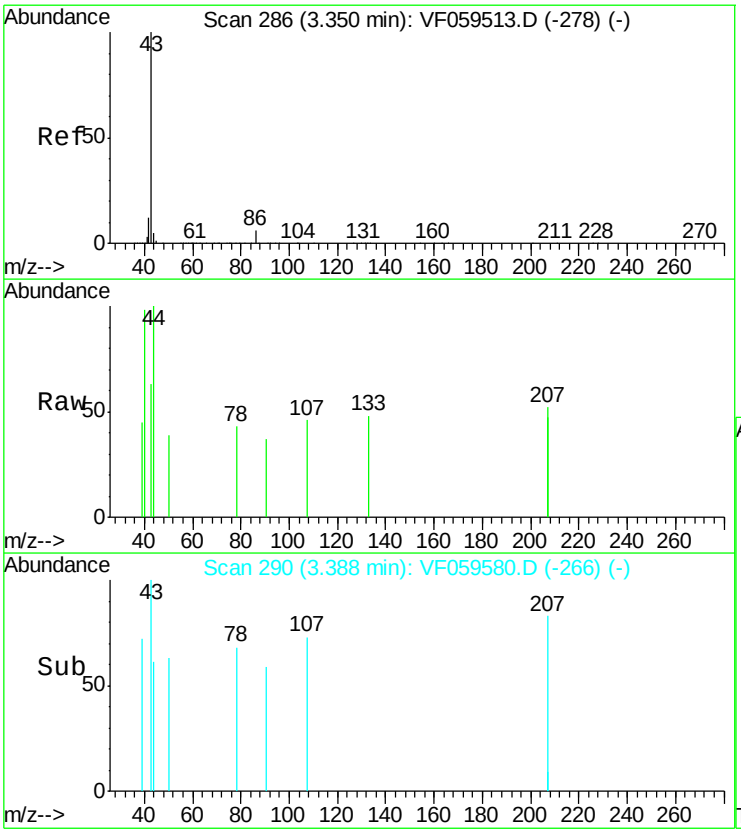
#22
Diisopropyl ether
Concen: 129.547 ug/l
RT: 3.00 min Scan# 251
Delta R.T. 0.07 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 45 Resp: 231

Ion	Ratio	Lower	Upper
45	100		
43	0.0	43.6	65.4#
87	0.0	15.6	23.4#
59	0.0	6.4	9.6#

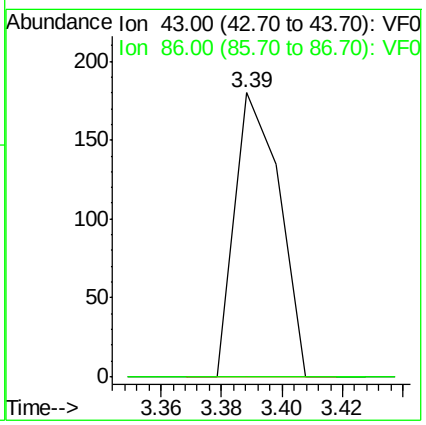


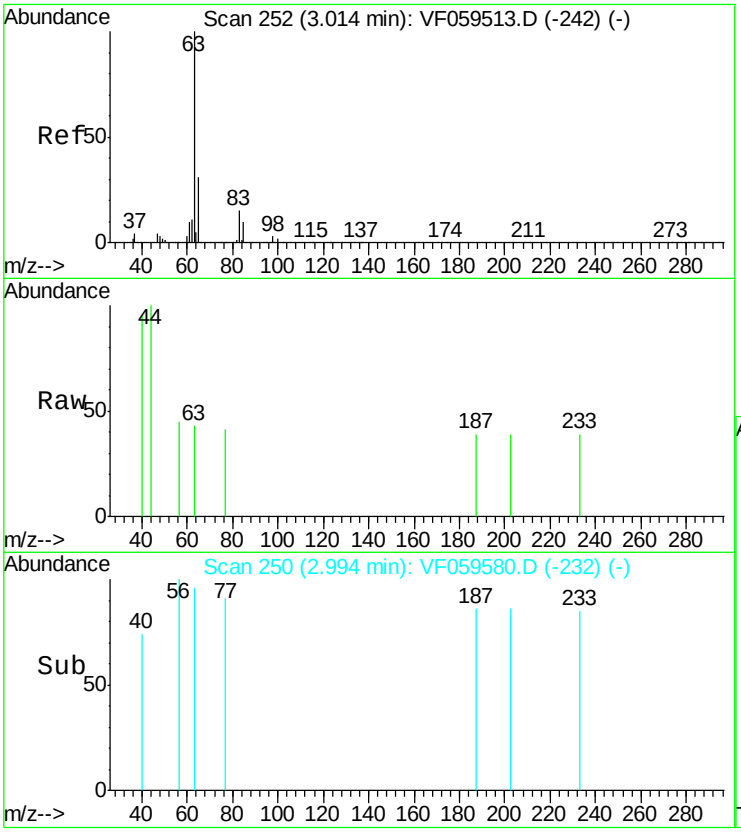


#23
Vinyl Acetate
Concen: 178.504 ug/l
RT: 3.39 min Scan# 290
Delta R.T. 0.04 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 43 Resp: 186

Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.4	6.6#



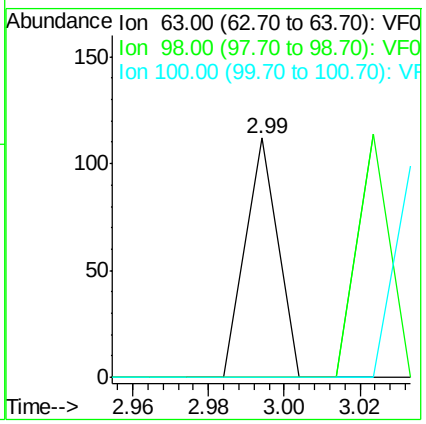


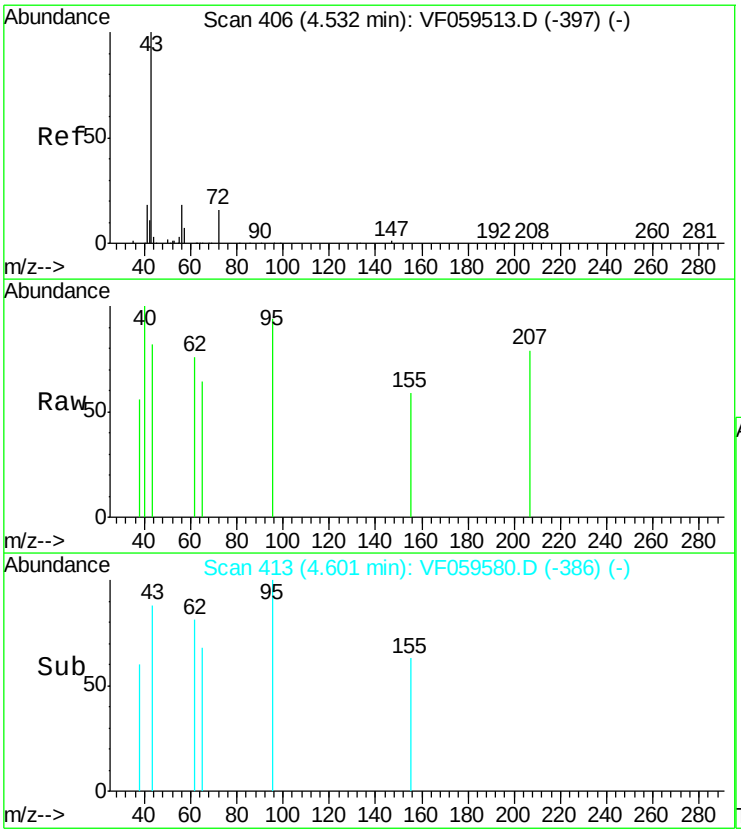
#24
1,1-Dichloroethane
Concen: 59.935 ug/l
RT: 2.99 min Scan# 250
Delta R.T. -0.02 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 66

Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.4#
100	0.0	1.3	3.8#

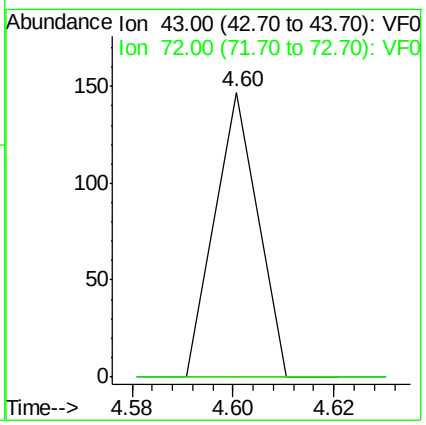


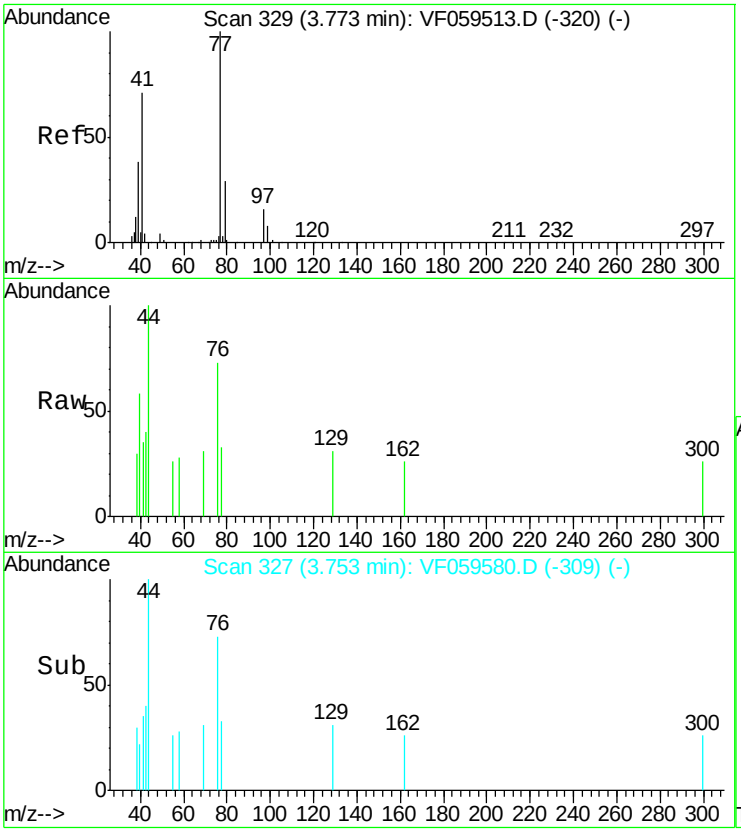


#25
2-Butanone
Concen: 354.327 ug/l
RT: 4.60 min Scan# 413
Delta R.T. 0.07 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 43 Resp: 87

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



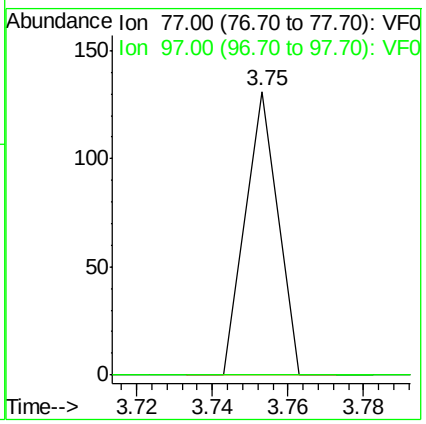


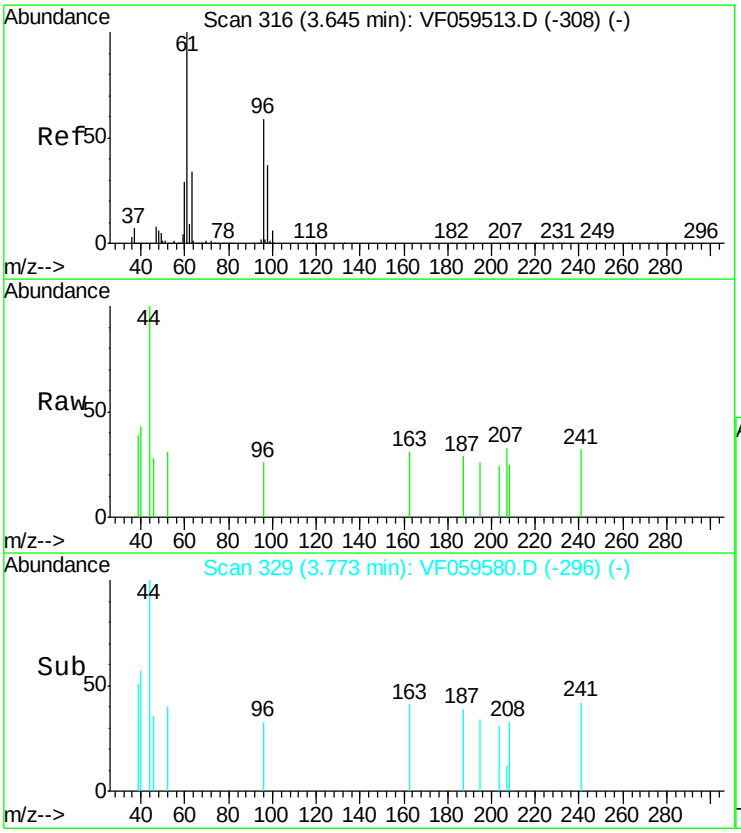
#26
2,2-Dichloropropane
Concen: 105.692 ug/l
RT: 3.75 min Scan# 327
Delta R.T. -0.02 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 77 Resp: 77

Ion	Ratio	Lower	Upper
77	100		
97	0.0	8.1	24.3#

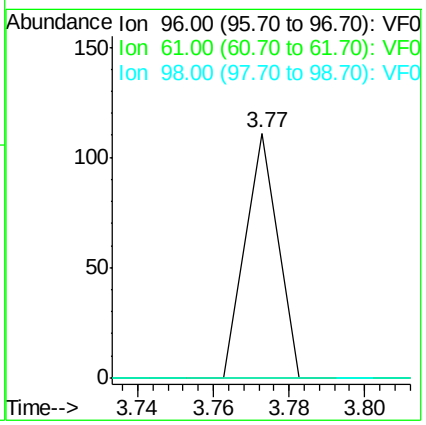


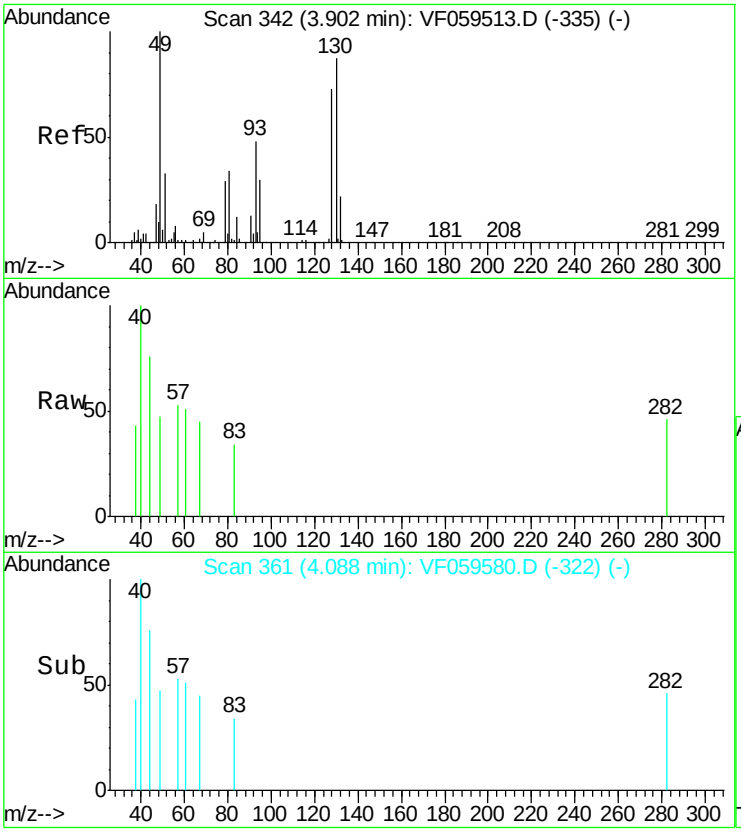


#27
cis-1,2-Dichloroethene
Concen: 120.642 ug/l
RT: 3.77 min Scan# 329
Delta R.T. 0.13 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 96 Resp: 66

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	339.0
98	0.0	0.0	125.4



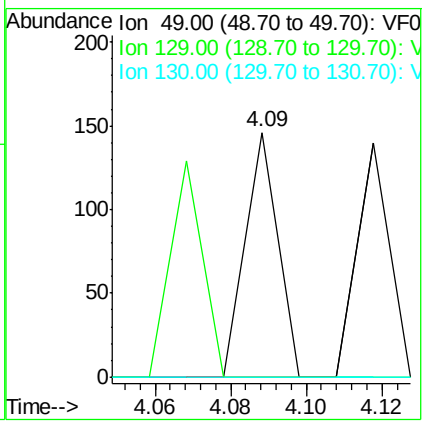


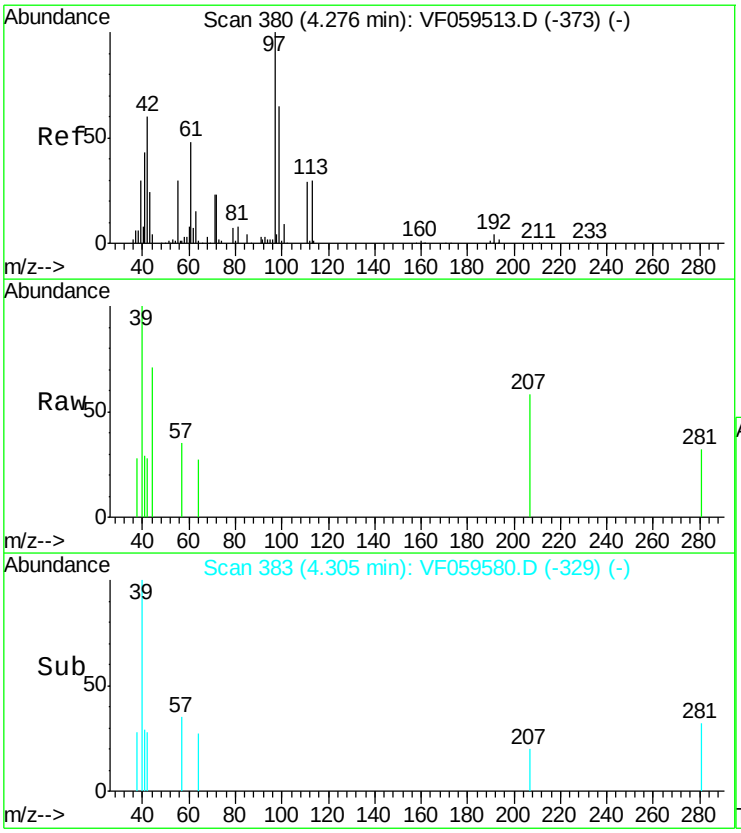
#28
Bromochloromethane
Concen: 177.423 ug/l
RT: 4.09 min Scan# 361
Delta R.T. 0.19 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 49 Resp: 86

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	0.0	69.8	104.6#

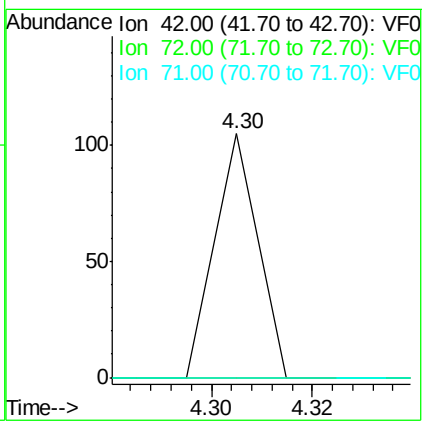


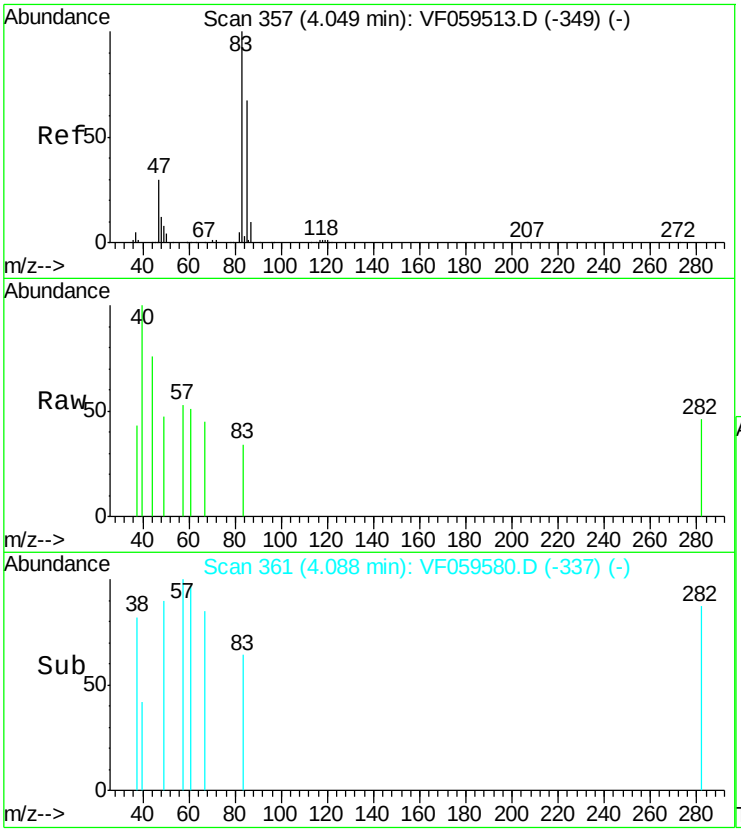


#29
Tetrahydrofuran
Concen: 655.166 ug/l
RT: 4.30 min Scan# 383
Delta R.T. 0.03 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 42 Resp: 62

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.7	43.1#
71	0.0	30.8	46.2#



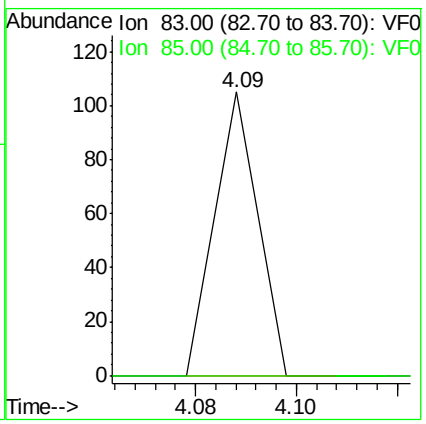


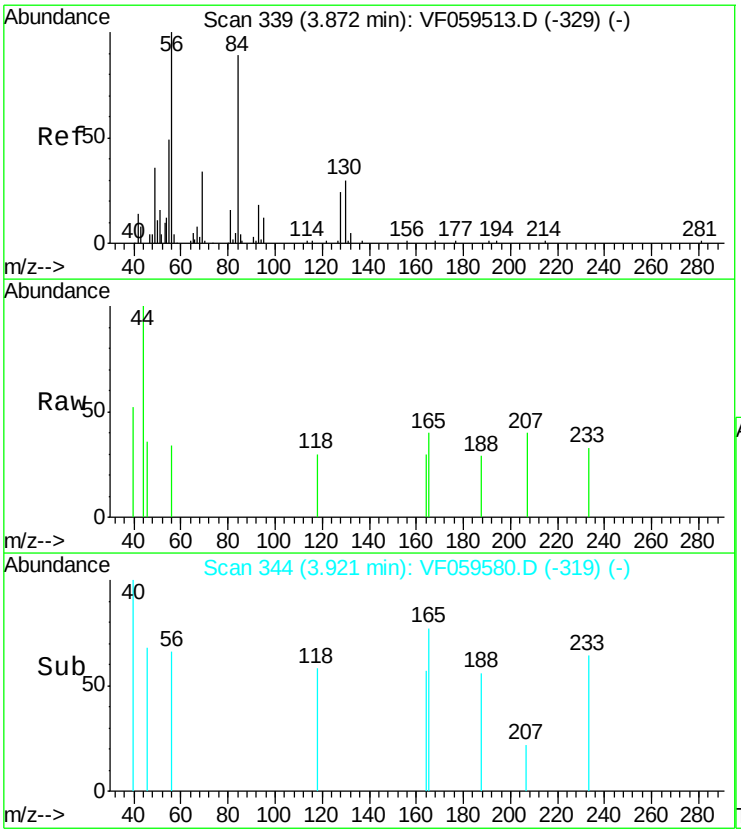
#30
Chloroform
Concen: 38.974 ug/l
RT: 4.09 min Scan# 361
Delta R.T. 0.04 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 62

Ion	Ratio	Lower	Upper
83	100		
85	0.0	53.2	79.8#

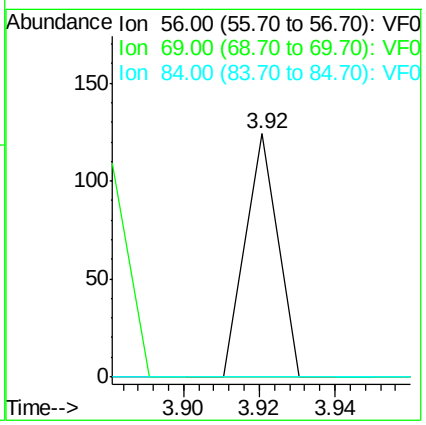


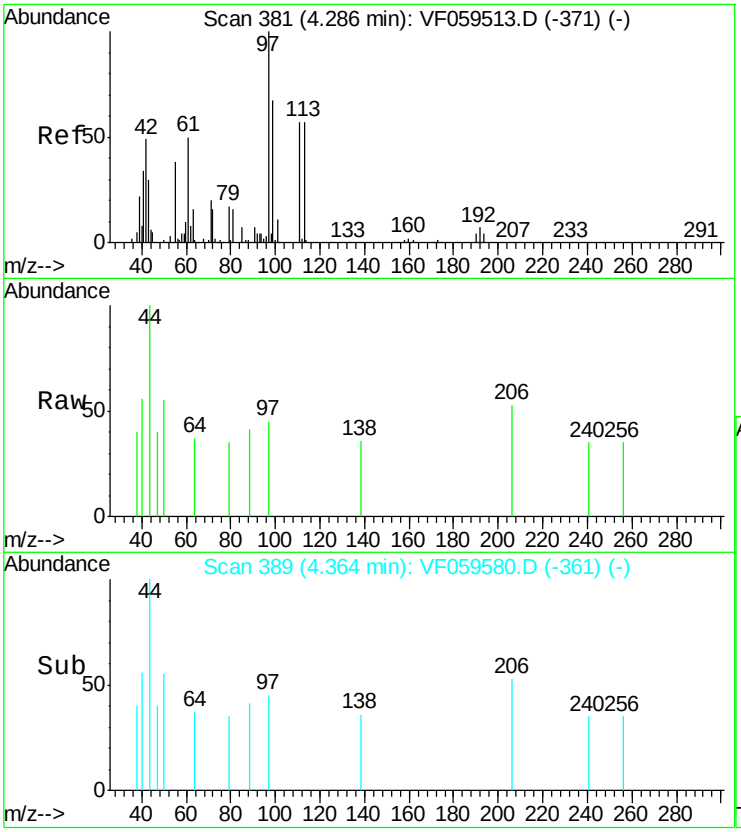


#31
Cyclohexane
Concen: 127.983 ug/l
RT: 3.92 min Scan# 344
Delta R.T. 0.05 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 56 Resp: 73

Ion	Ratio	Lower	Upper
56	100		
69	0.0	27.6	41.4#
84	0.0	71.4	107.2#



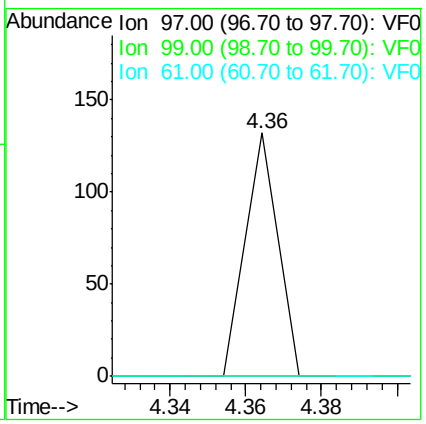


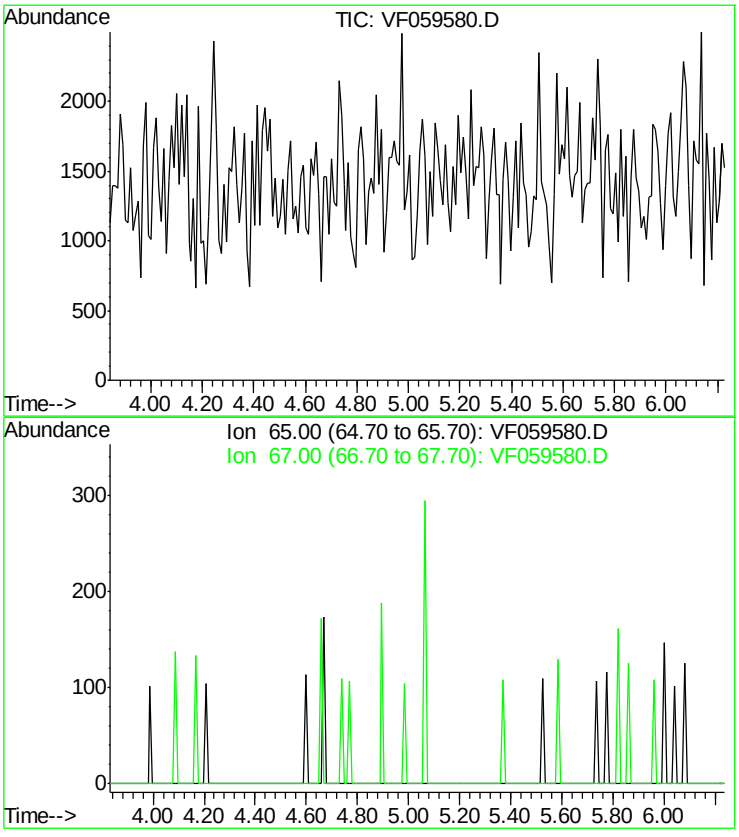
#32
1,1,1-Trichloroethane
Concen: 75.451 ug/l
RT: 4.36 min Scan# 389
Delta R.T. 0.08 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 97 Resp: 78

Ion	Ratio	Lower	Upper
97	100		
99	0.0	53.5	80.3#
61	0.0	39.7	59.5#



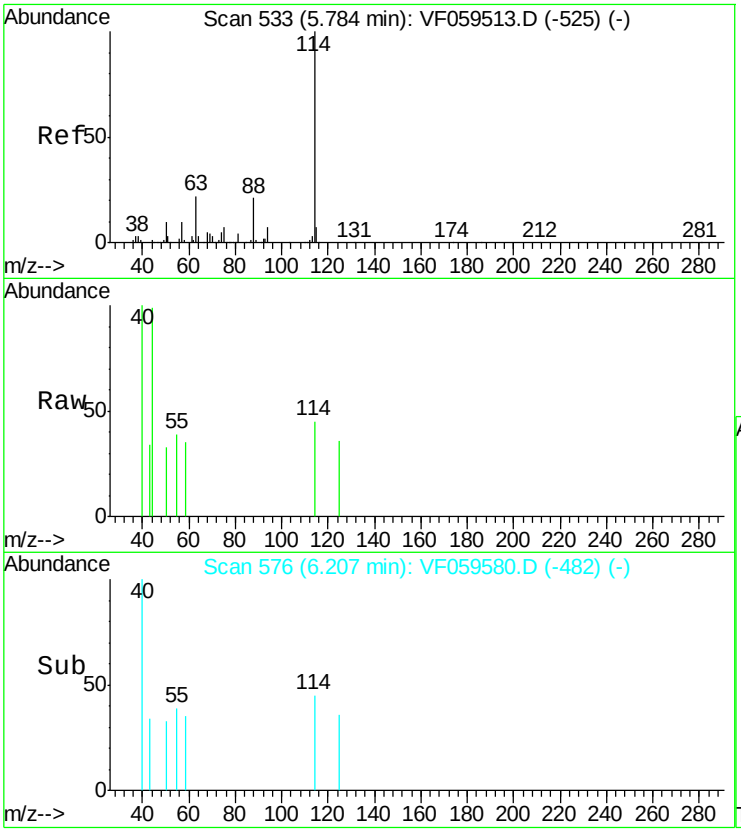


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.04 min

Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	45.6

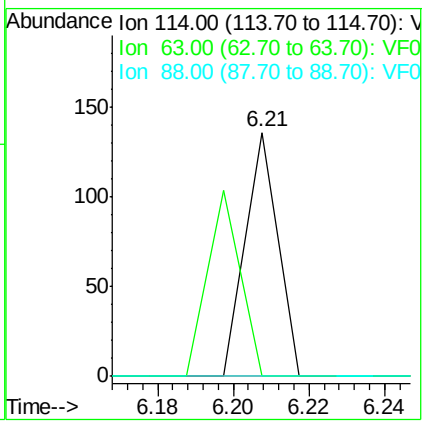


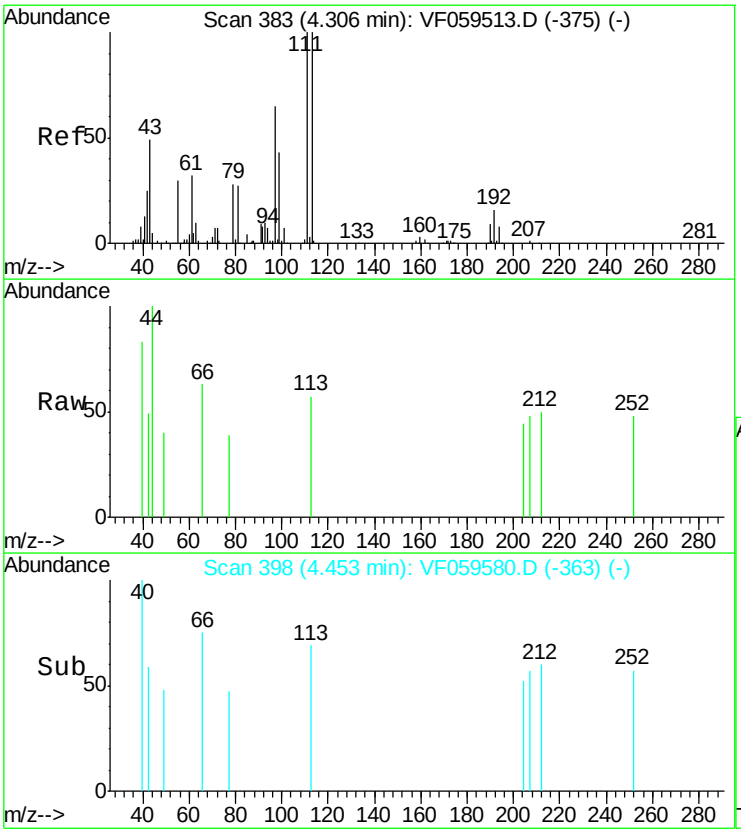
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.21 min Scan# 576
Delta R.T. 0.42 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 80

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	44.8
88	0.0	0.0	42.6

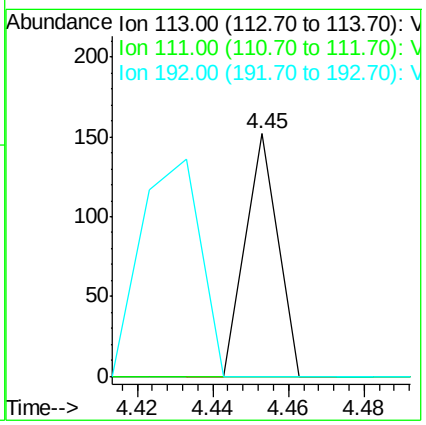


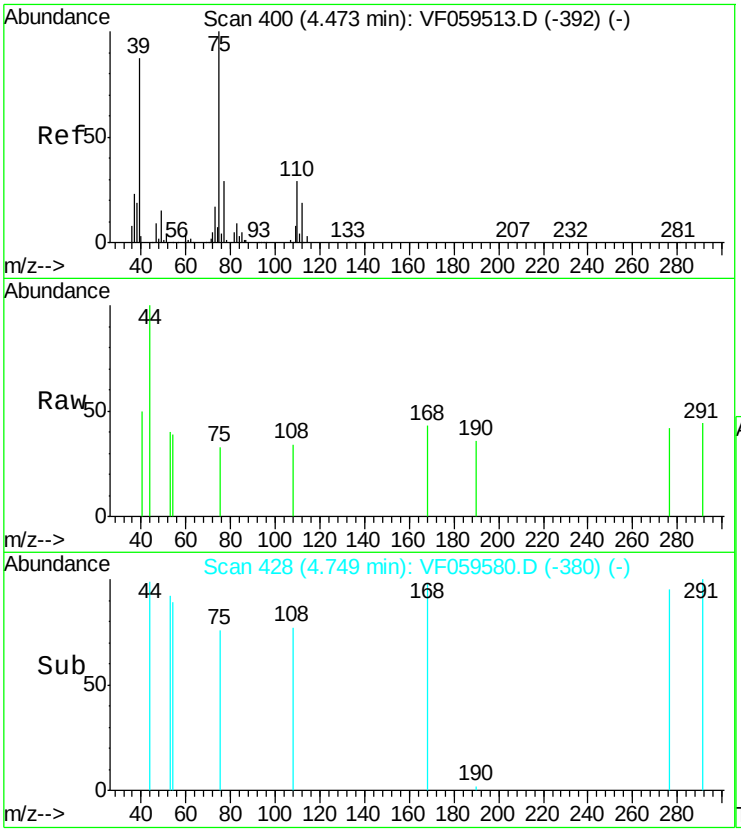


#35
Dibromofluoromethane
Concen: 129.896 ug/l
RT: 4.45 min Scan# 398
Delta R.T. 0.15 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion:113 Resp: 90

Ion	Ratio	Lower	Upper
113	100		
111	0.0	80.3	120.5#
192	0.0	13.1	19.7#



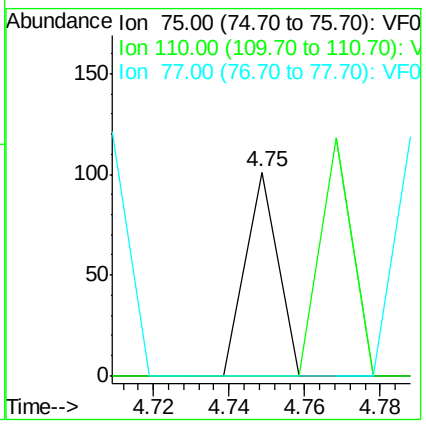


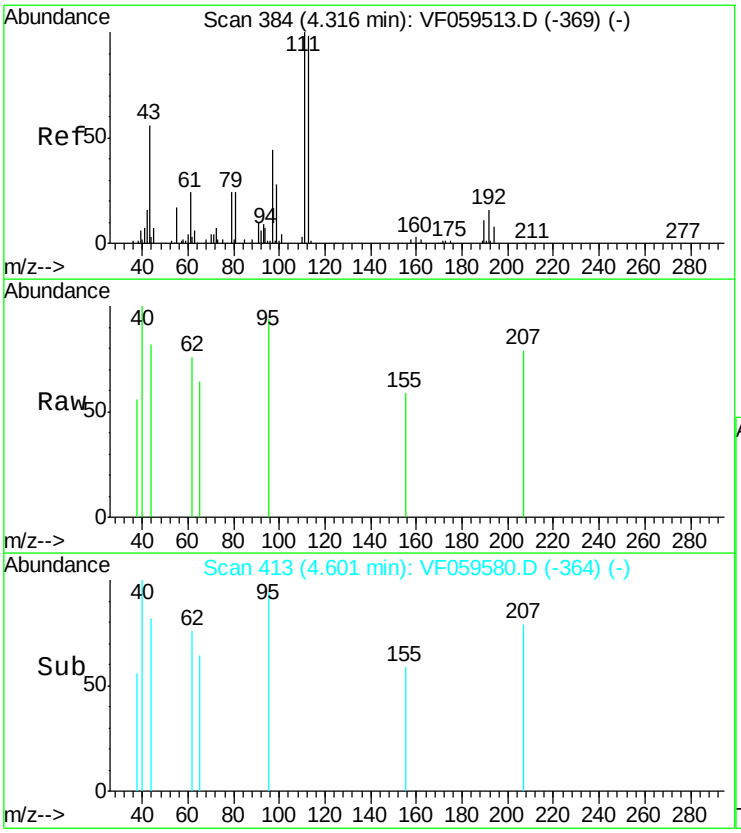
#36
1,1-Dichloropropene
Concen: 74.931 ug/l
RT: 4.75 min Scan# 428
Delta R.T. 0.28 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 60

Ion	Ratio	Lower	Upper
75	100		
110	0.0	14.6	43.8#
77	0.0	23.7	35.5#

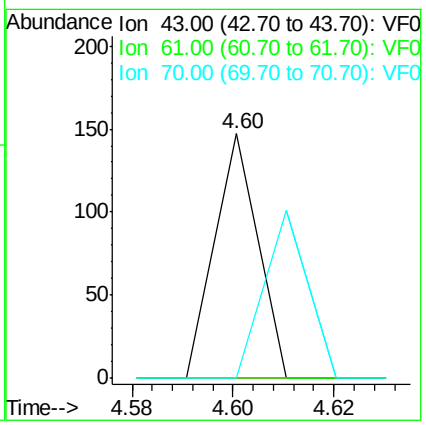


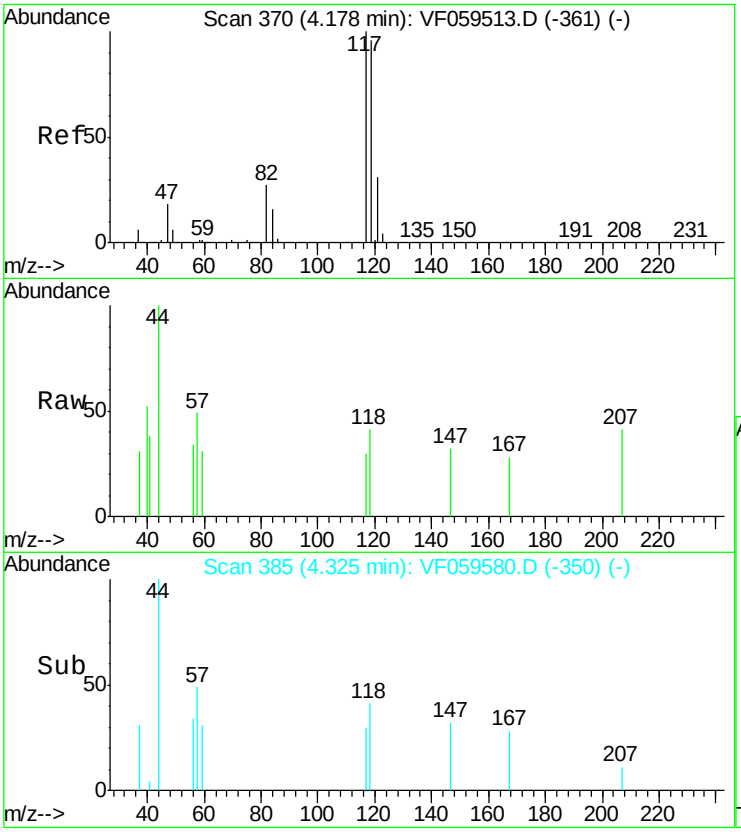


#37
Ethyl Acetate
Concen: 221.386 ug/l
RT: 4.60 min Scan# 413
Delta R.T. 0.29 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 43 Resp: 87

Ion	Ratio	Lower	Upper
43	100		
61	0.0	33.7	50.5#
70	0.0	7.4	11.0#



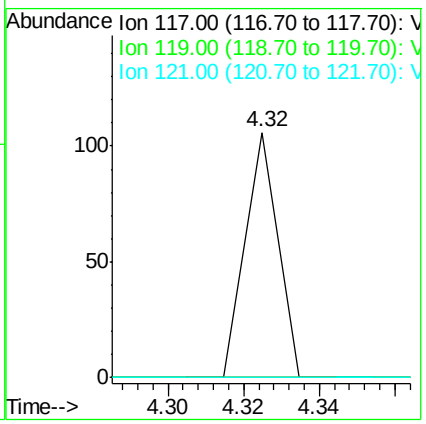


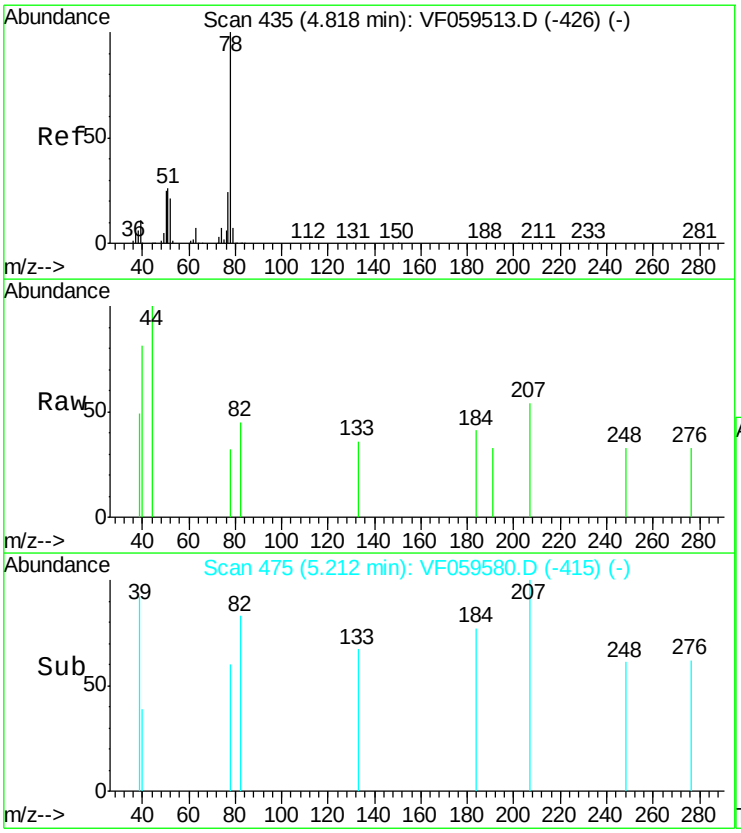
#38
Carbon Tetrachloride
Concen: 68.655 ug/l
RT: 4.32 min Scan# 385
Delta R.T. 0.15 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 63

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.6	116.4#
121	0.0	24.9	37.3#

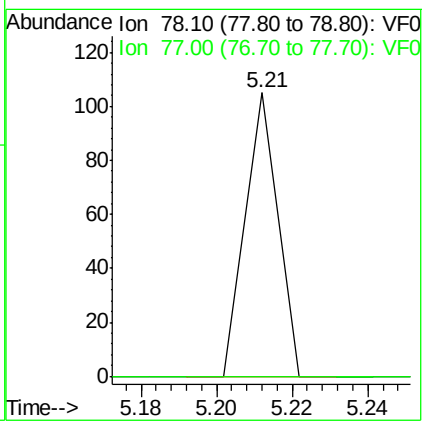


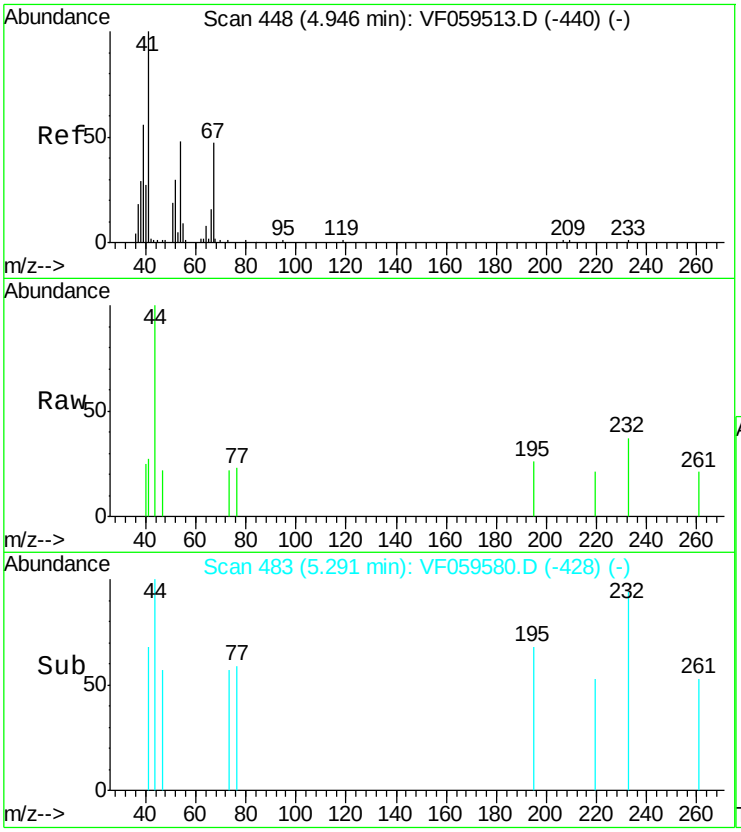


#40
Benzene
Concen: 39.911 ug/l
RT: 5.21 min Scan# 475
Delta R.T. 0.39 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 78 Resp: 62

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.4	29.0#



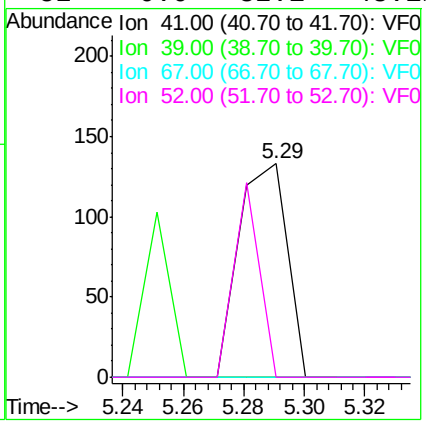


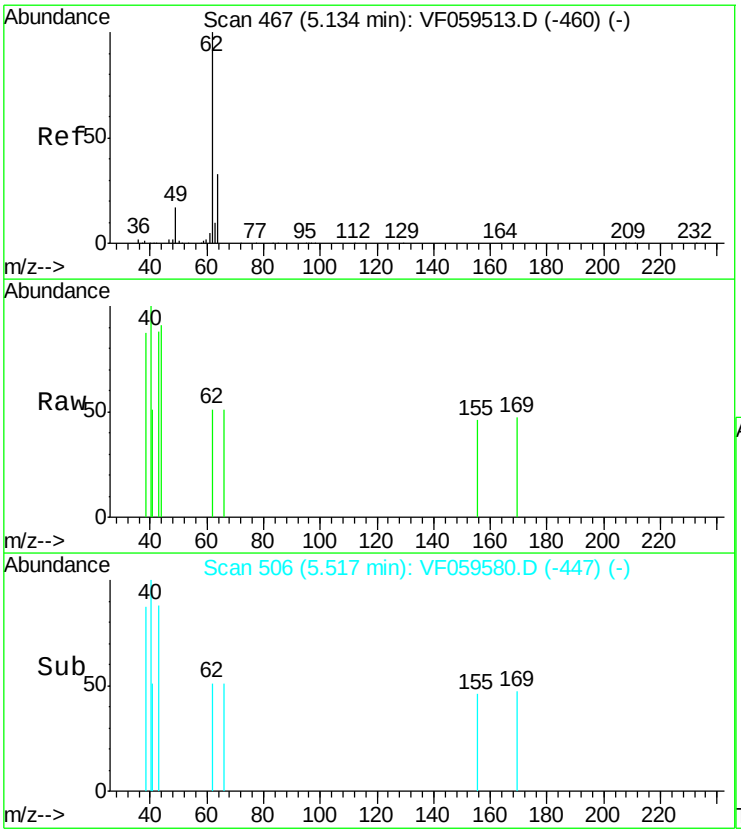
#41
Methacrylonitrile
Concen: 653.219 ug/l
RT: 5.29 min Scan# 483
Delta R.T. 0.34 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 150

Ion	Ratio	Lower	Upper
41	100		
39	0.0	49.4	74.0#
67	0.0	37.4	56.2#
52	0.0	32.1	48.1#

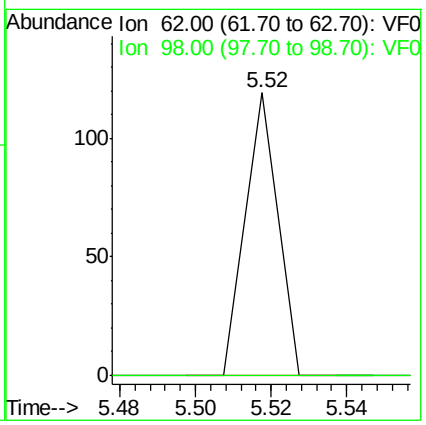


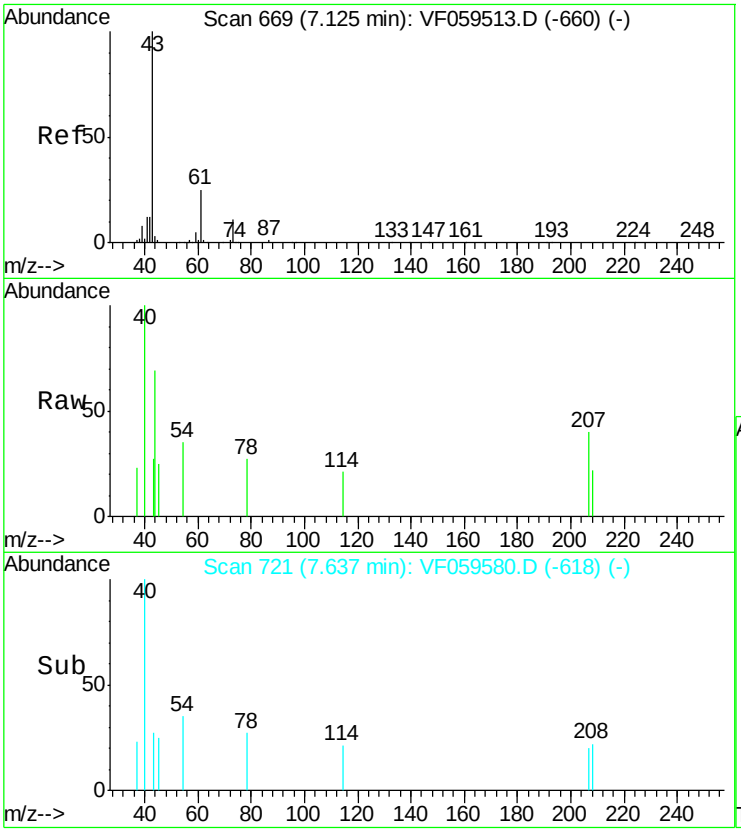


#42
1,2-Dichloroethane
Concen: 68.601 ug/l
RT: 5.52 min Scan# 506
Delta R.T. 0.38 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 62 Resp: 70

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	9.6



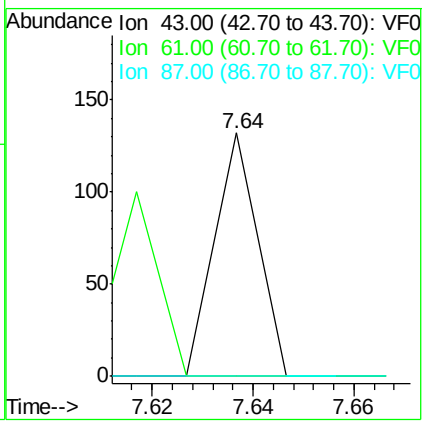


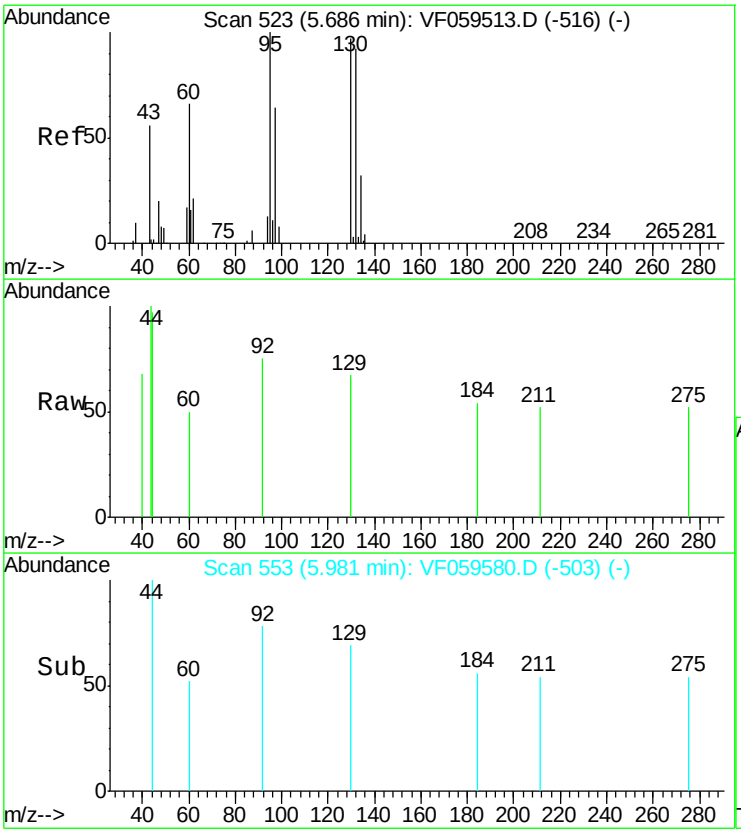
#43
Isopropyl Acetate
Concen: 135.559 ug/l
RT: 7.64 min Scan# 721
Delta R.T. 0.51 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 78

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.3	30.5#
87	0.0	0.4	0.6#

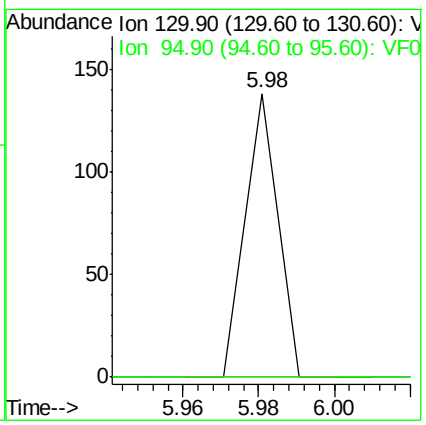


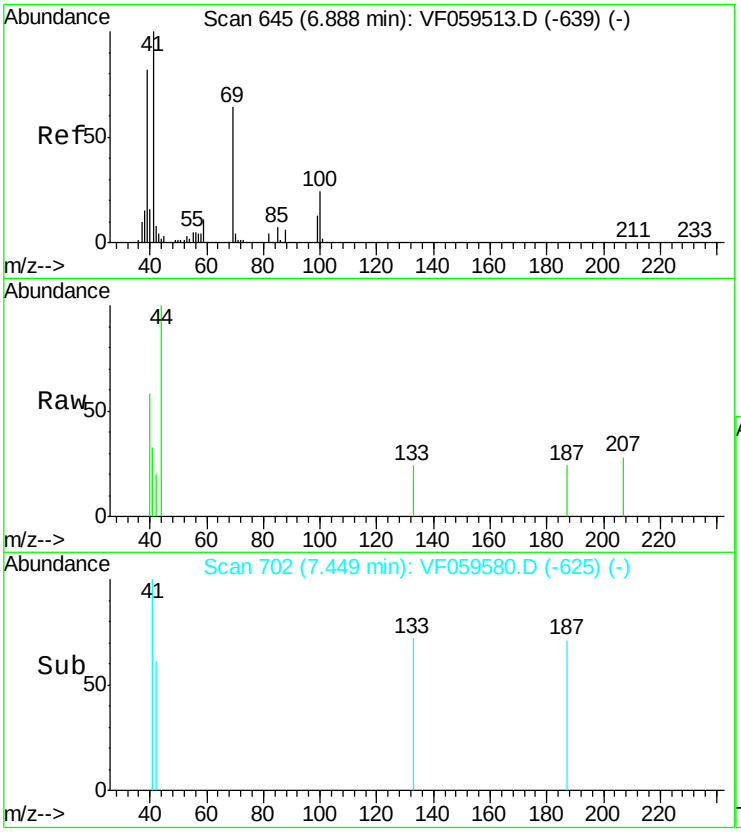


#44
Trichloroethene
Concen: 142.603 ug/l
RT: 5.98 min Scan# 553
Delta R.T. 0.29 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion:130 Resp: 82

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	206.6



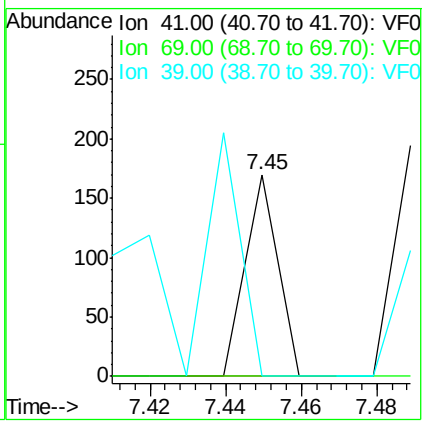


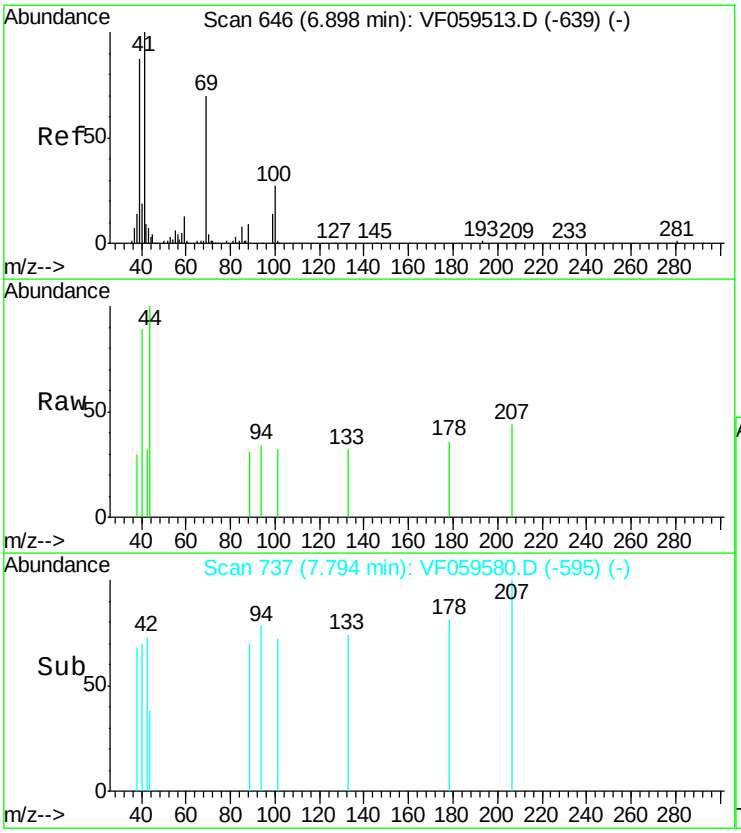
#48
Methyl methacrylate
Concen: 245.778 ug/l
RT: 7.45 min Scan# 702
Delta R.T. 0.56 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 101

Ion	Ratio	Lower	Upper
41	100		
69	0.0	51.3	76.9#
39	0.0	65.3	97.9#

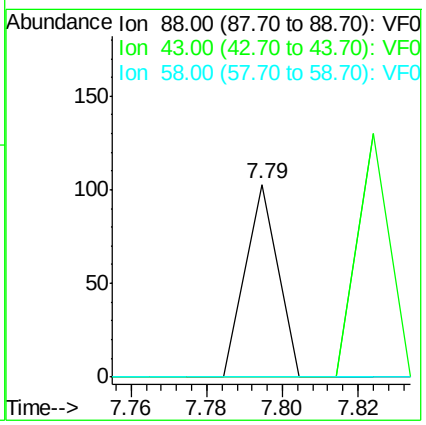


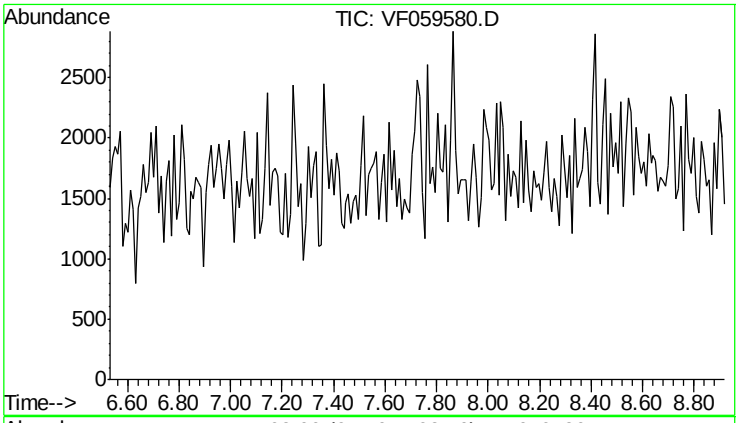


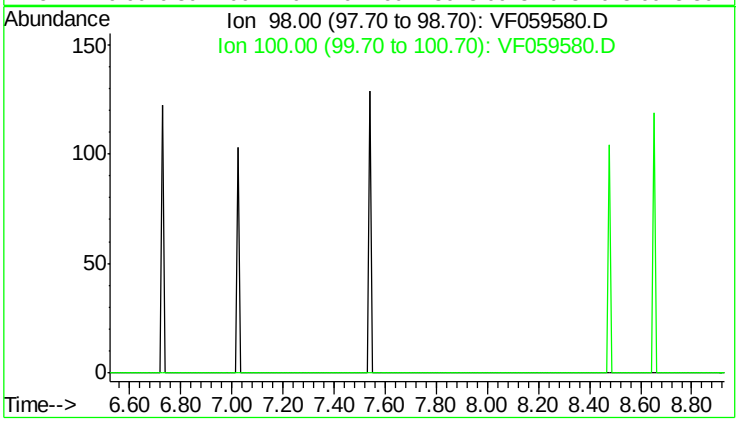
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.79 min Scan# 737
Delta R.T. 0.90 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	0.0	64.8	97.2#
58	0.0	44.1	66.1#







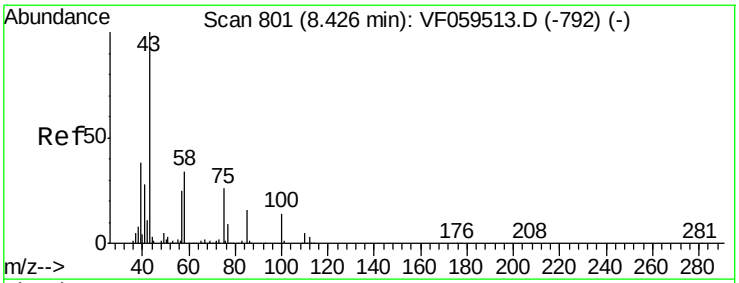
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.73 min

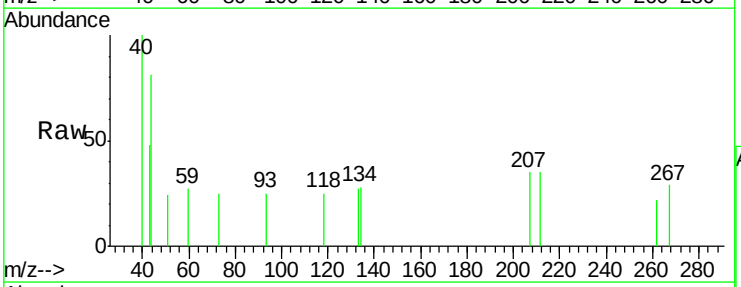
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

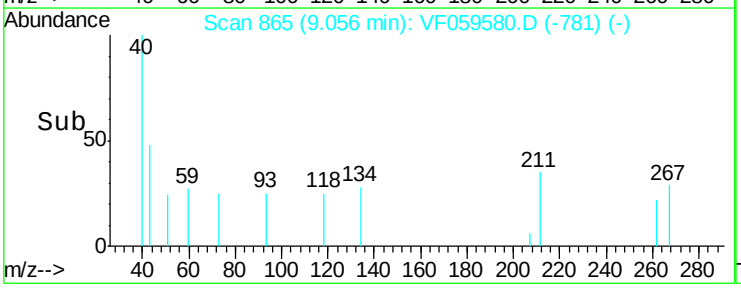
Tgt Ion: 98

Sig	Exp Ratio
98	100
100	63.6

Instrument :
MSVOA_F
ClientSampleId :



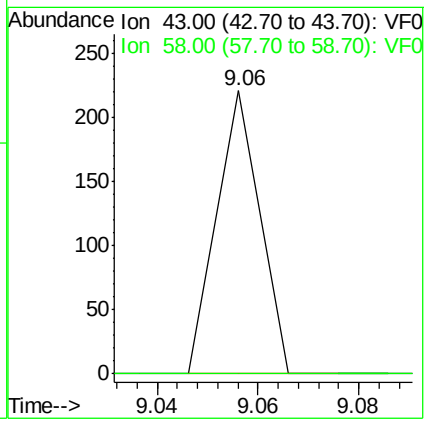


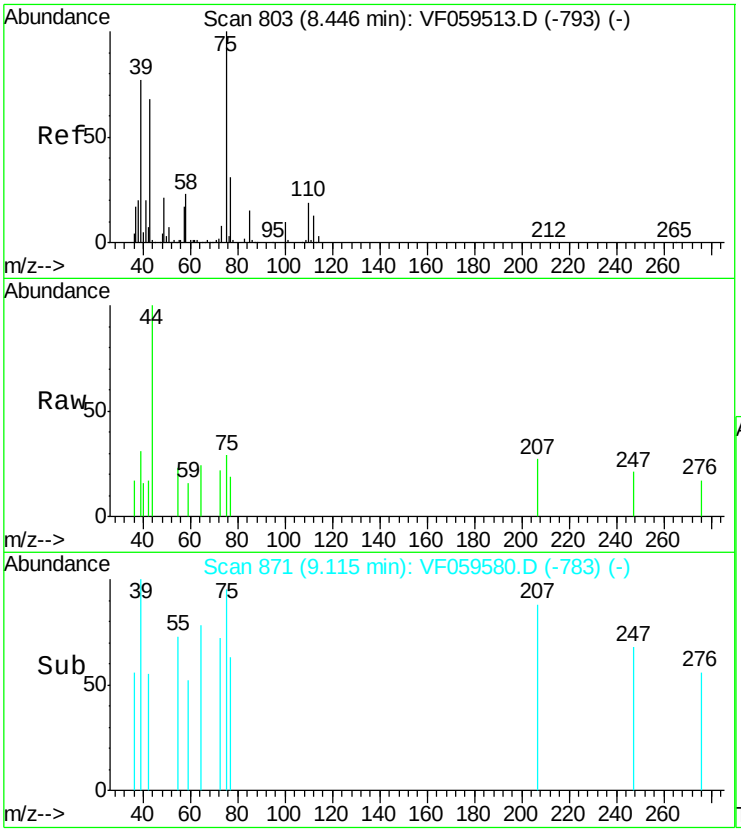


#51
4-Methyl-2-Pentanone
Concen: 321.182 ug/l
RT: 9.06 min Scan# 865
Delta R.T. 0.63 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 43 Resp: 131

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.4	41.2#



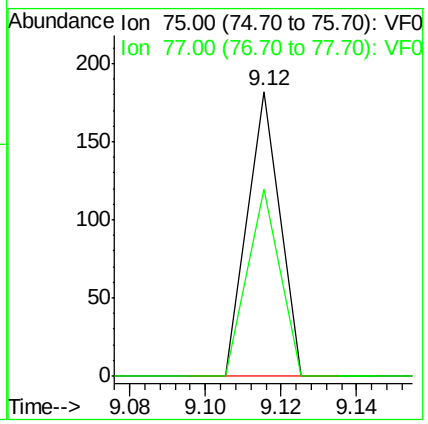


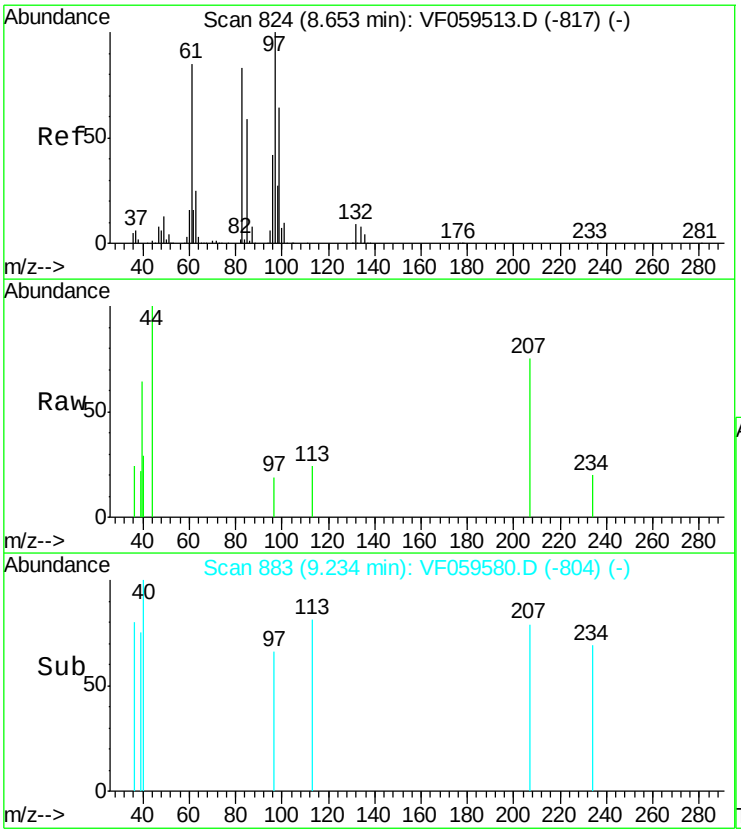
#53
t-1,3-Dichloropropene
Concen: 116.161 ug/l
RT: 9.12 min Scan# 871
Delta R.T. 0.67 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 108

Ion	Ratio	Lower	Upper
75	100		
77	65.9	25.3	37.9#

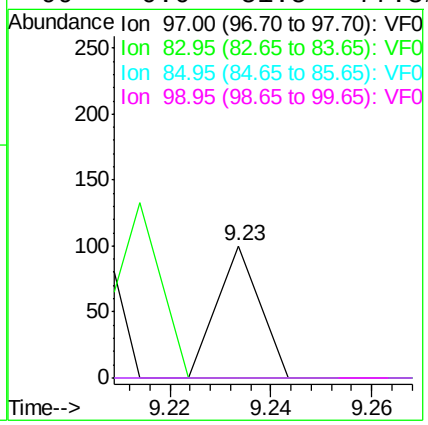


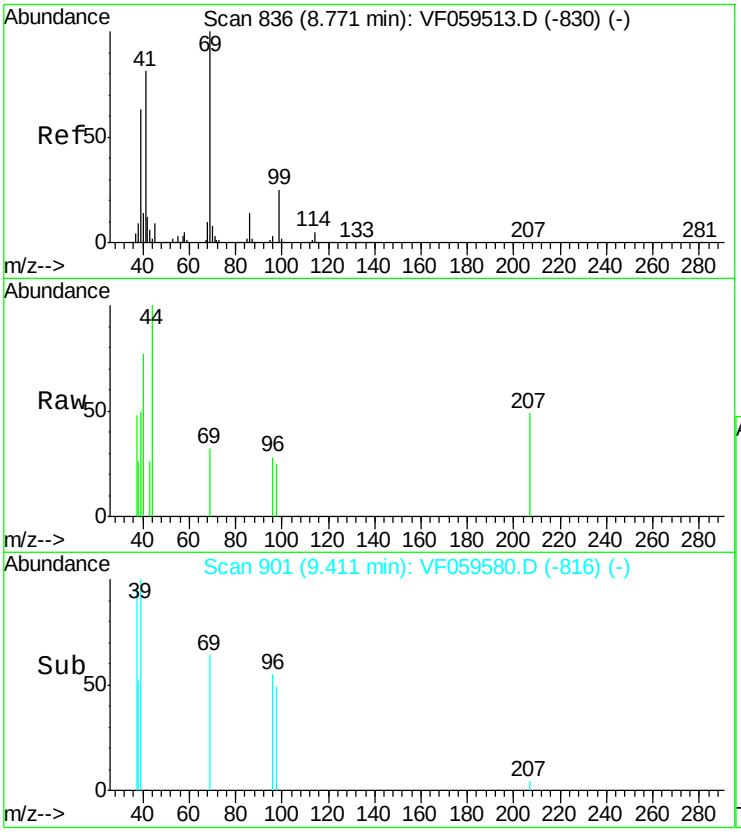


#55
1,1,2-Trichloroethane
Concen: 135.156 ug/l
RT: 9.23 min Scan# 883
Delta R.T. 0.58 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 97 Resp: 59

Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.9	100.3#
85	0.0	46.9	70.3#
99	0.0	51.5	77.3#



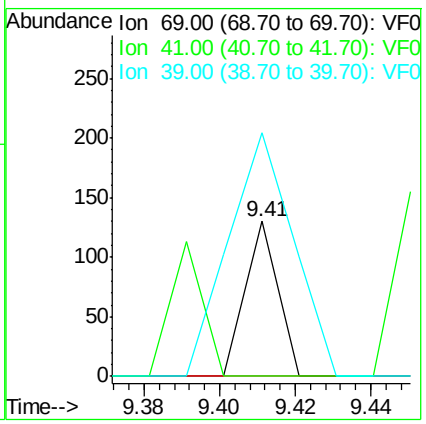


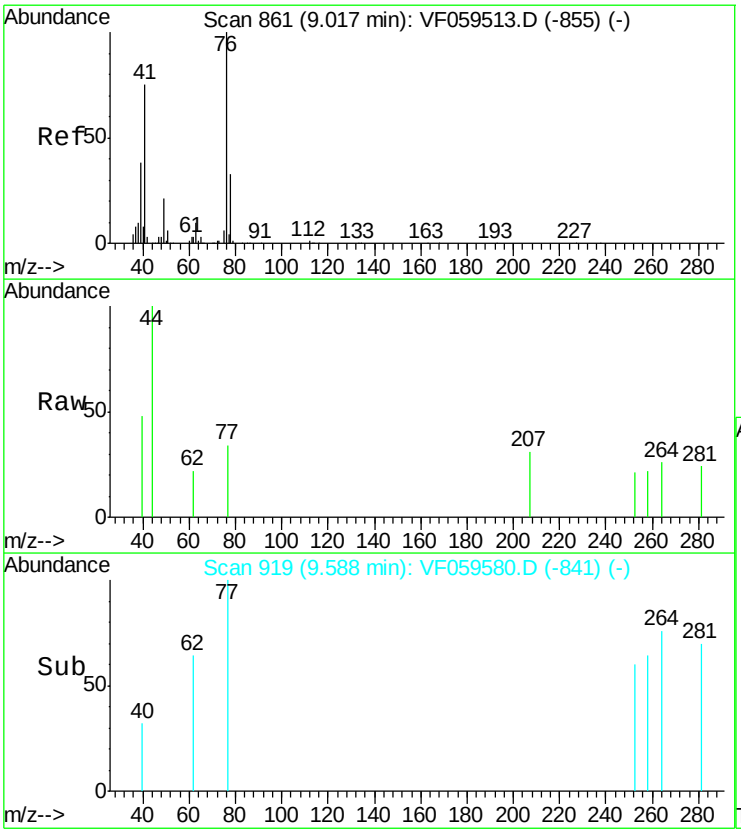
#56
Ethyl methacrylate
Concen: 142.235 ug/l
RT: 9.41 min Scan# 901
Delta R.T. 0.64 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 69 Resp: 77

Ion	Ratio	Lower	Upper
69	100		
41	0.0	65.4	98.2#
39	156.9	51.0	76.4#

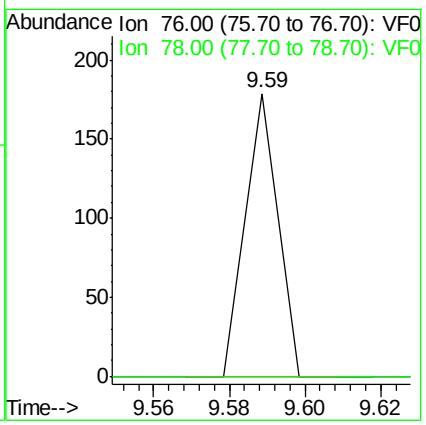


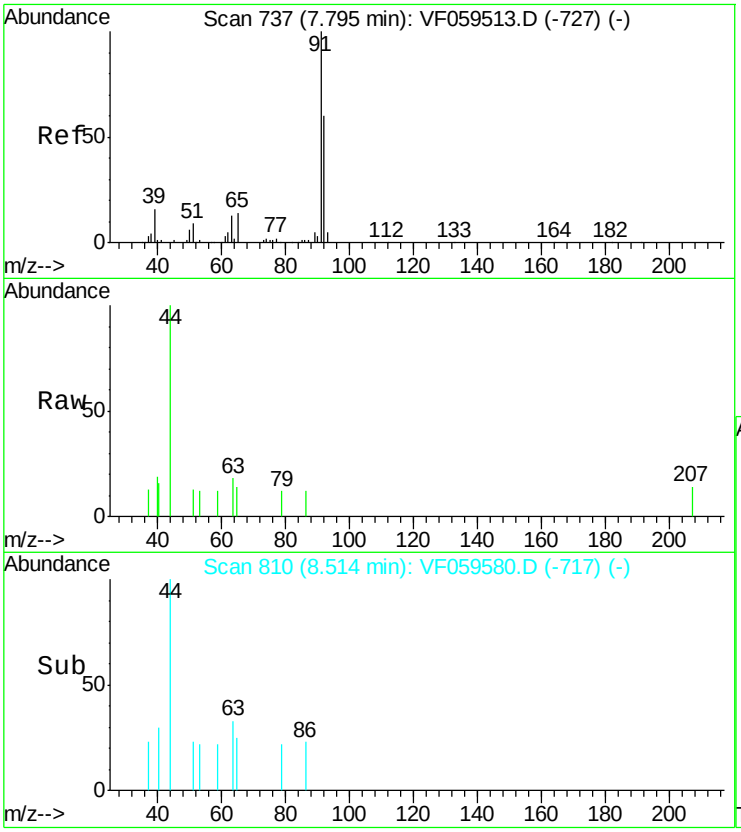


#57
1,3-Dichloropropane
Concen: 137.324 ug/l
RT: 9.59 min Scan# 919
Delta R.T. 0.57 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 76 Resp: 106

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.4	39.6#



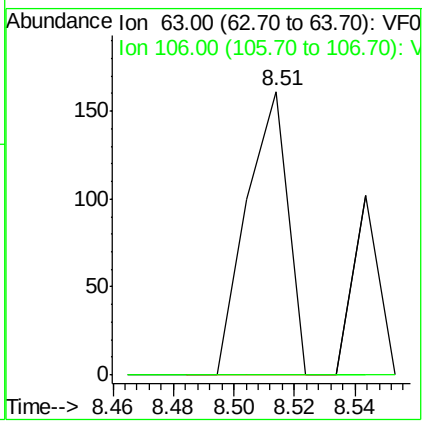


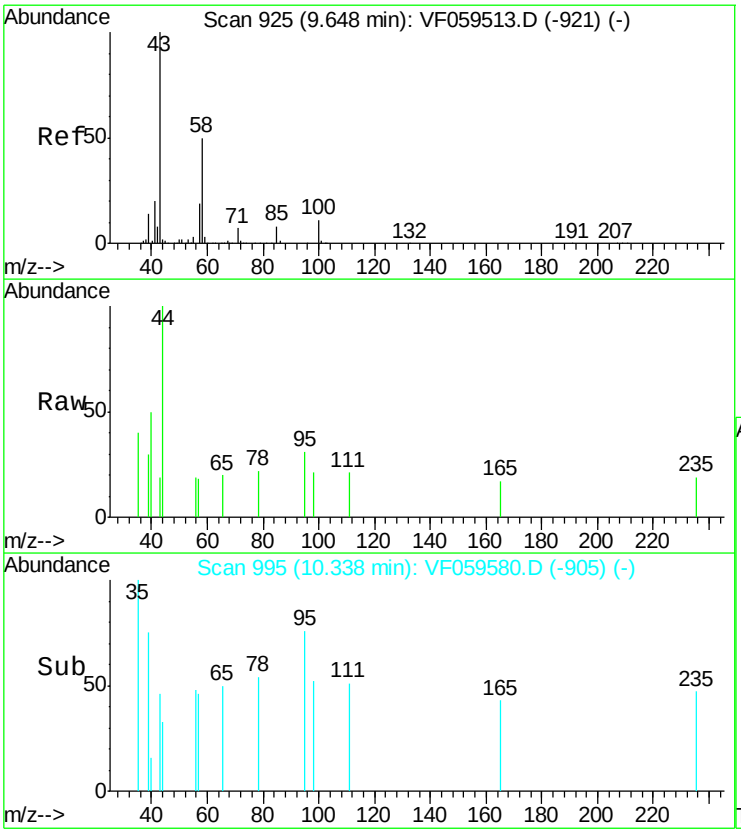
#58
2-Chloroethyl Vinyl ether
Concen: 3222.128 ug/l
RT: 8.51 min Scan# 810
Delta R.T. 0.72 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 154

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

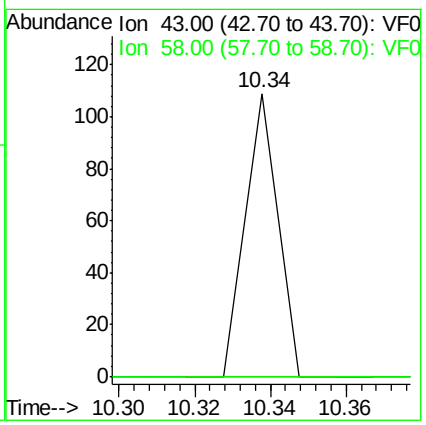


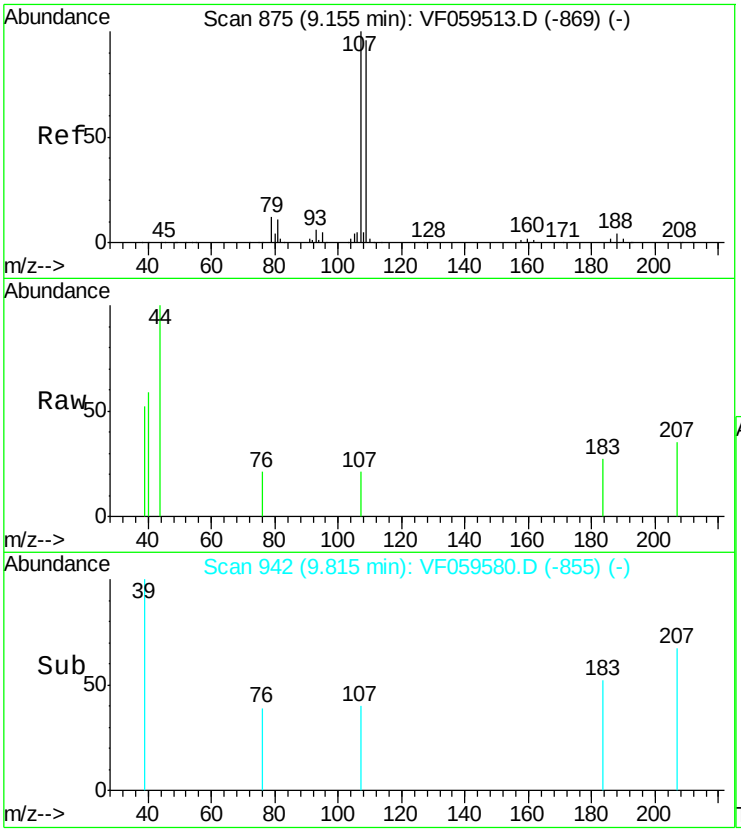


#59
2-Hexanone
Concen: 207.622 ug/l
RT: 10.34 min Scan# 995
Delta R.T. 0.69 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 43 Resp: 64

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.9#



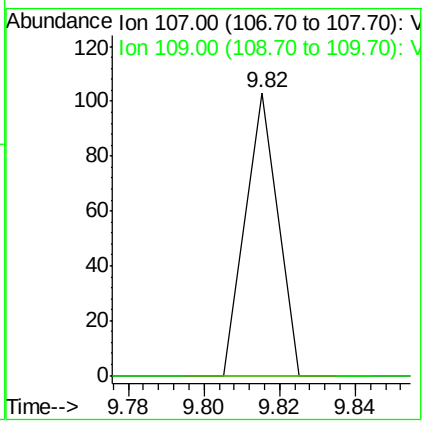


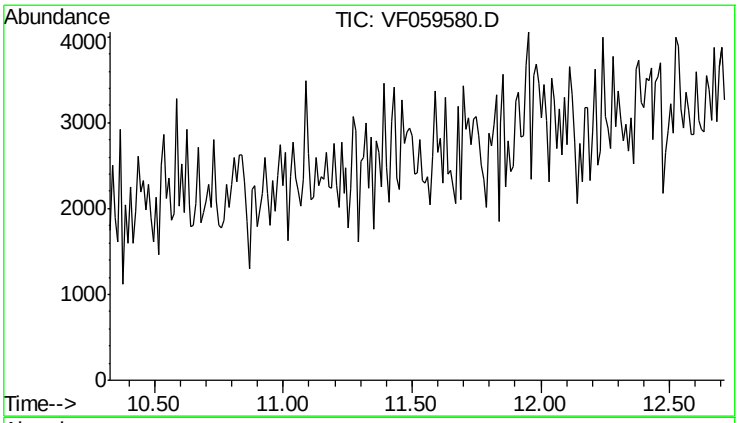
#61
1,2-Dibromoethane
Concen: 112.618 ug/l
RT: 9.82 min Scan# 942
Delta R.T. 0.66 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:107 Resp: 61

Ion	Ratio	Lower	Upper
107	100		
109	0.0	76.5	114.7#



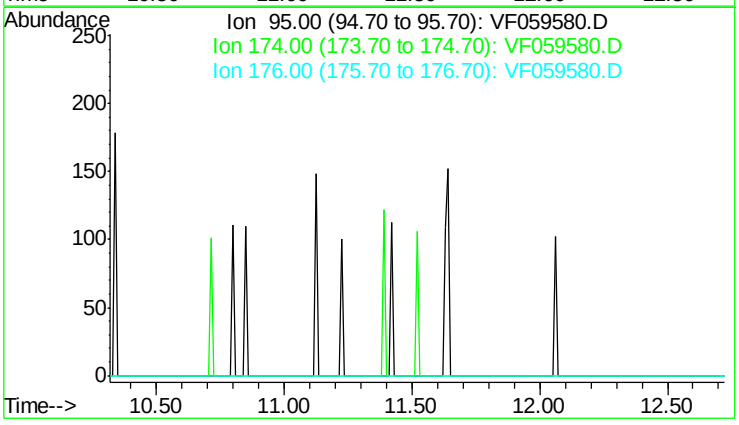


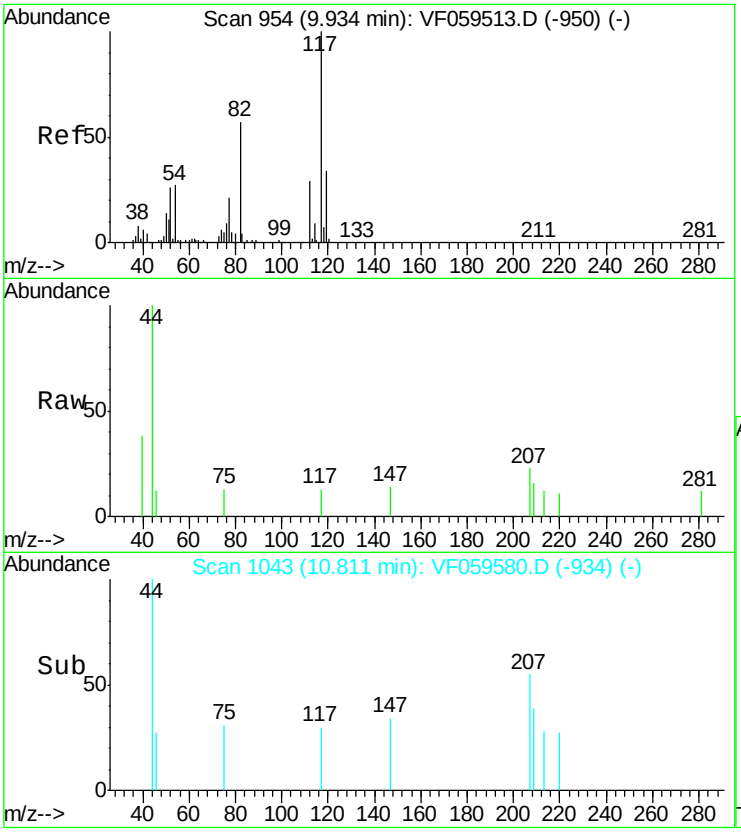
#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.52 min

Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	87.2
176	84.7



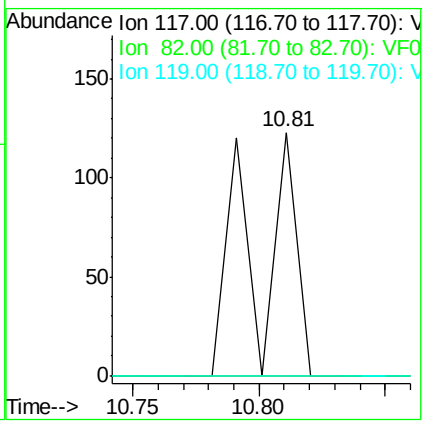


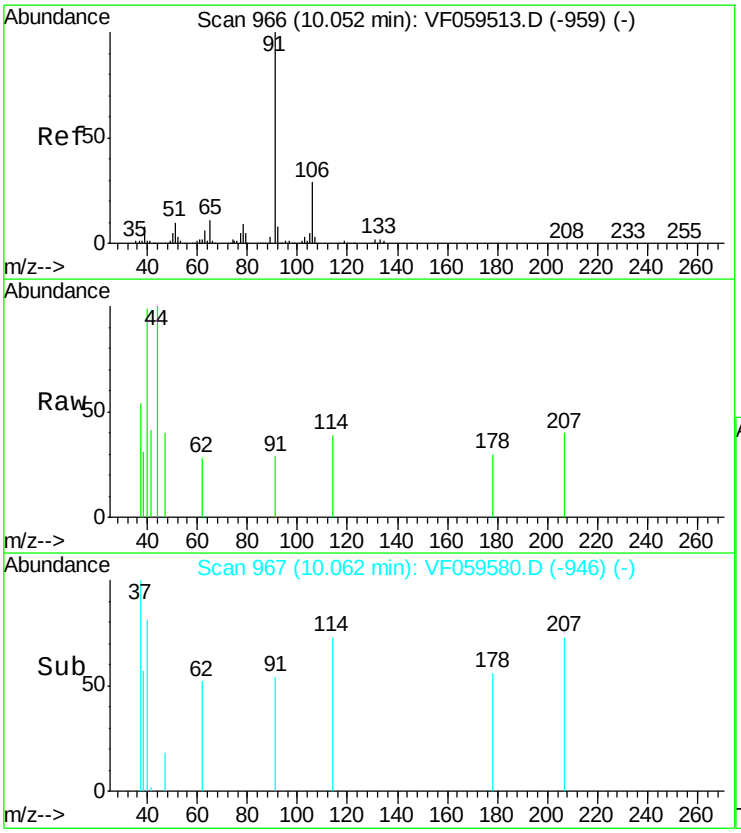
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.81 min Scan# 1043
Delta R.T. 0.88 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 144

Ion	Ratio	Lower	Upper
117	100		
82	0.0	46.1	69.1#
119	0.0	27.2	40.8#

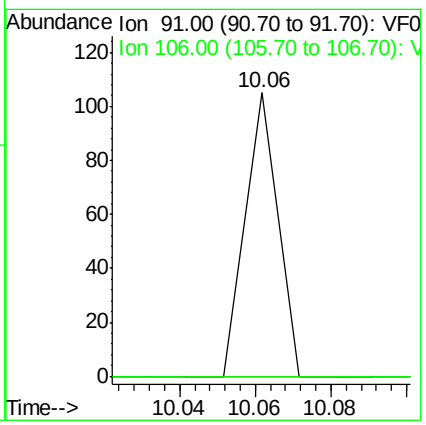


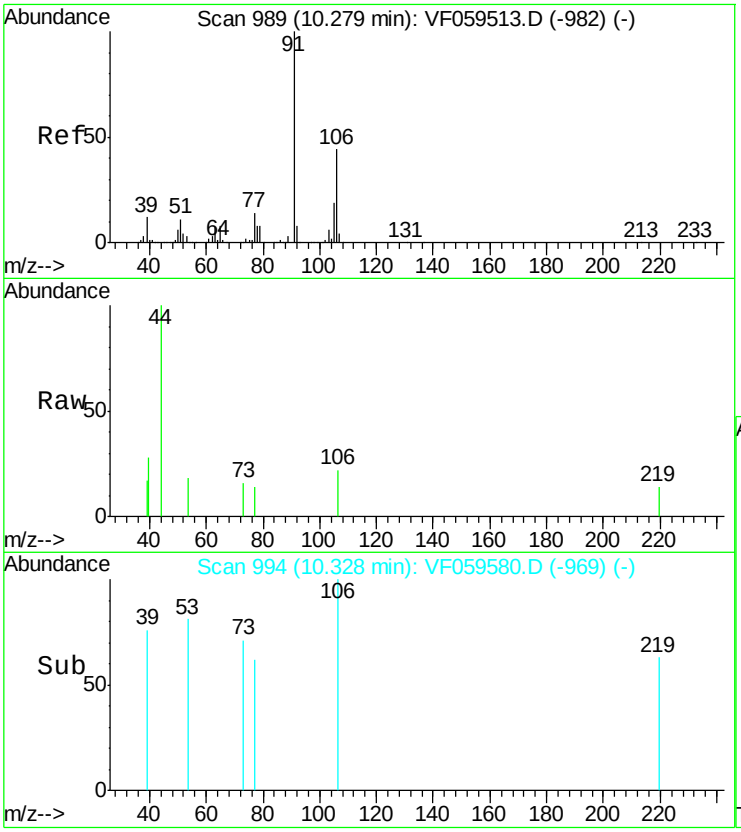


#67
Ethyl Benzene
Concen: 12.897 ug/l
RT: 10.06 min Scan# 967
Delta R.T. 0.01 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 91 Resp: 62

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.4	35.2#



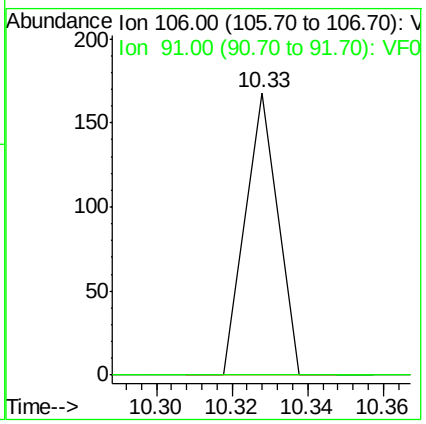


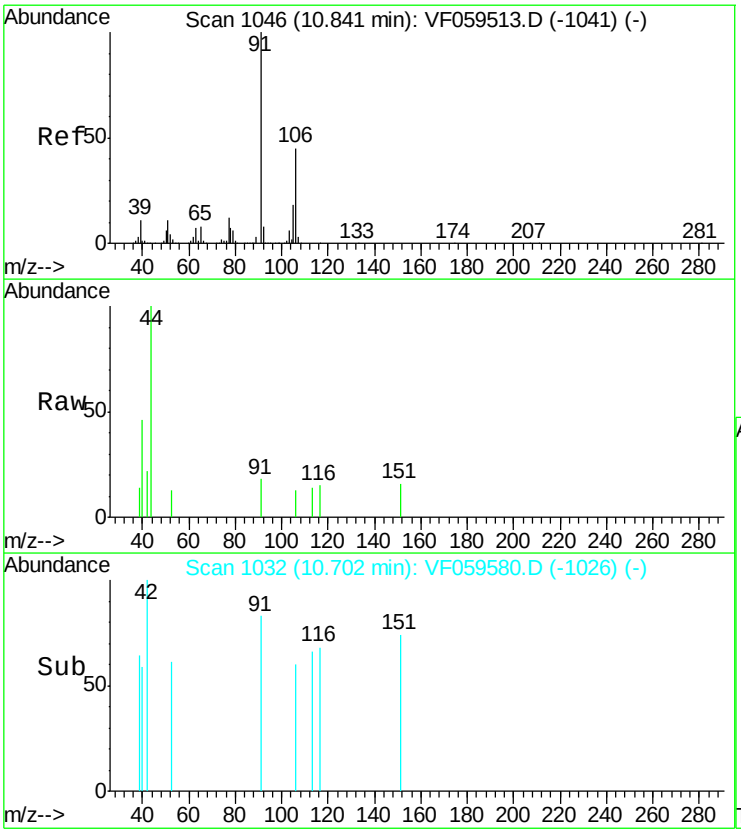
#68
m/p-Xylenes
Concen: 58.350 ug/l
RT: 10.33 min Scan# 994
Delta R.T. 0.05 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 99

Ion	Ratio	Lower	Upper
106	100		
91	0.0	181.0	271.4#

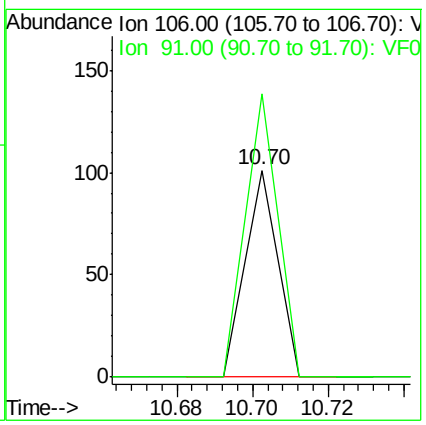


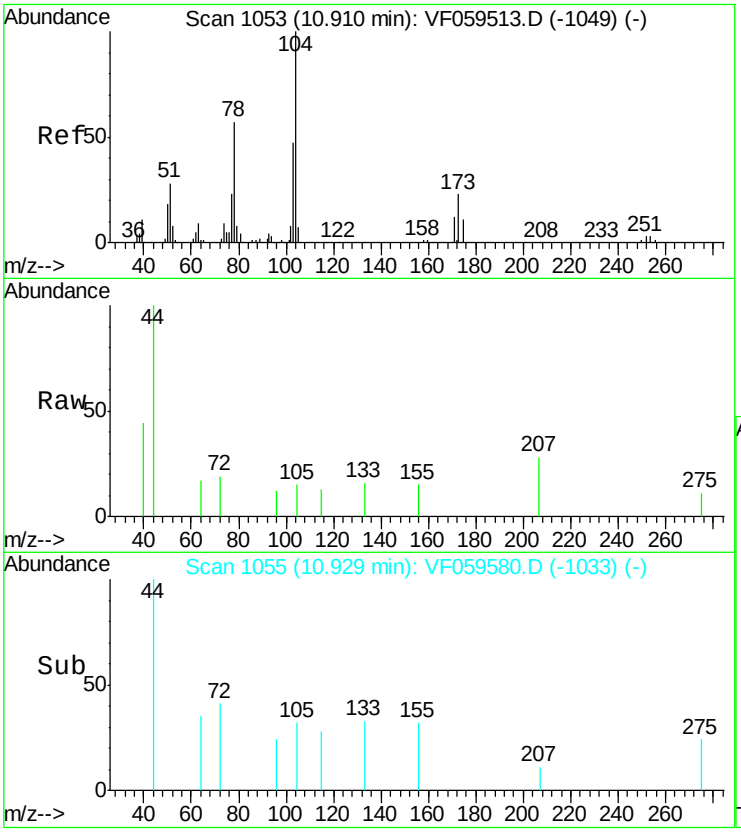


#69
o-Xylene
Concen: 33.210 ug/l
RT: 10.70 min Scan# 1032
Delta R.T. -0.14 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion:106 Resp: 60

Ion	Ratio	Lower	Upper
106	100		
91	137.6	112.3	336.9



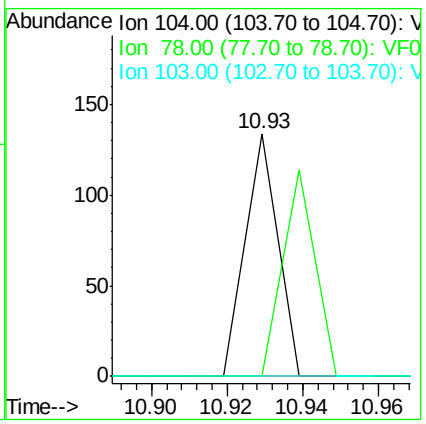


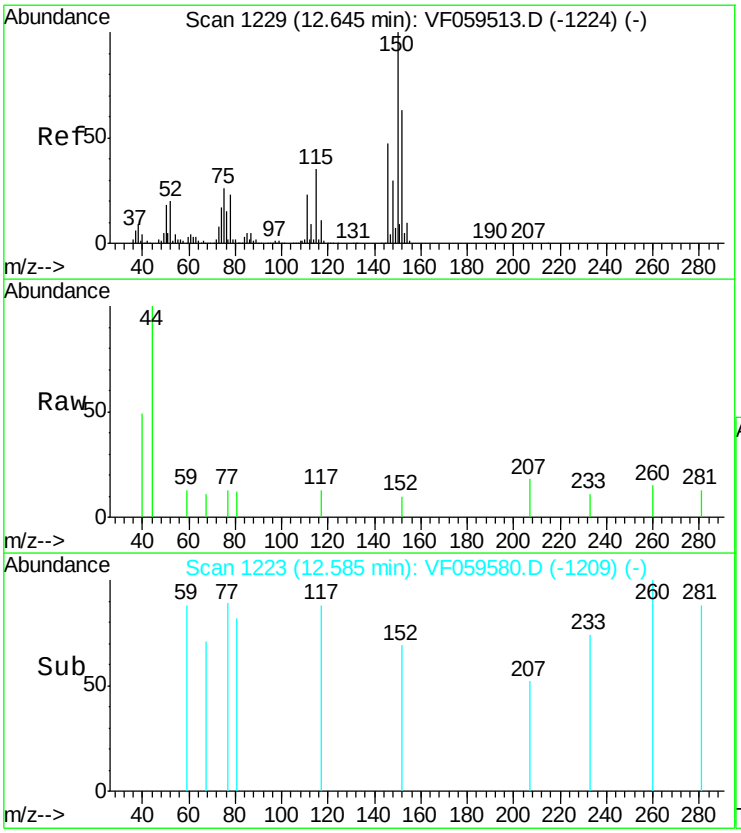
#70
Stvrene
Concen: 28.448 ug/l
RT: 10.93 min Scan# 1055
Delta R.T. 0.02 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:104 Resp: 79

Ion	Ratio	Lower	Upper
104	100		
78	0.0	45.7	68.5#
103	0.0	38.1	57.1#

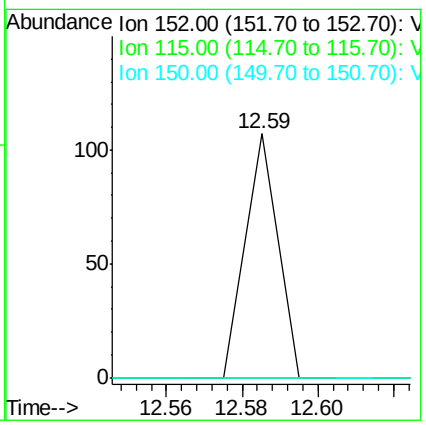


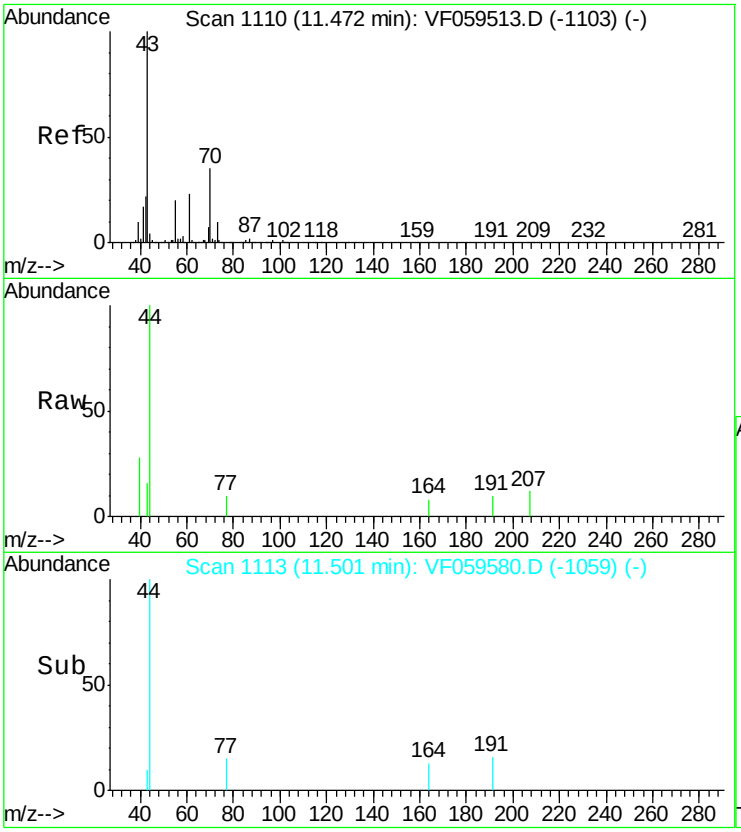


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.59 min Scan# 1223
Delta R.T. -0.06 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion:152 Resp: 63

Ion	Ratio	Lower	Upper
152	100		
115	0.0	27.8	83.3#
150	0.0	0.0	318.4



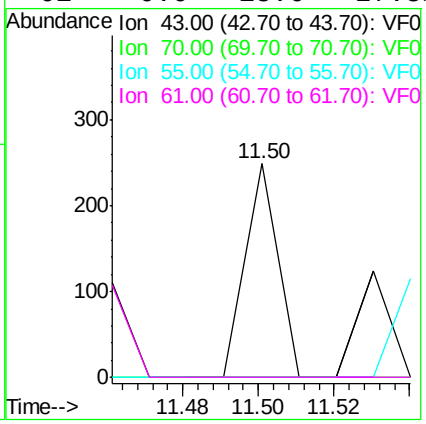


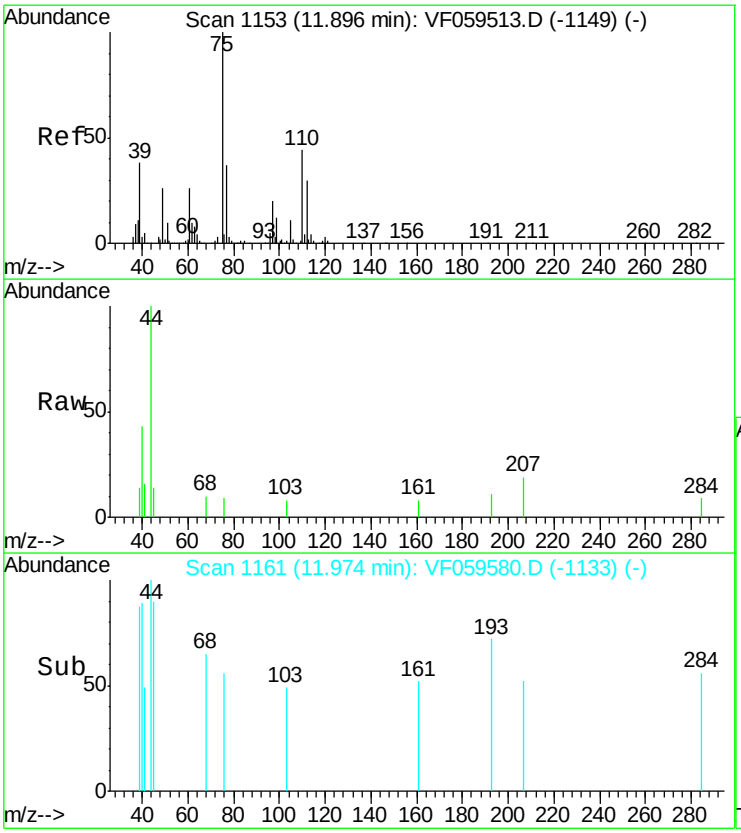
#74
N-amyl acetate
Concen: 115.458 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 147

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.9	41.9#
55	0.0	16.2	24.2#
61	0.0	18.6	27.8#

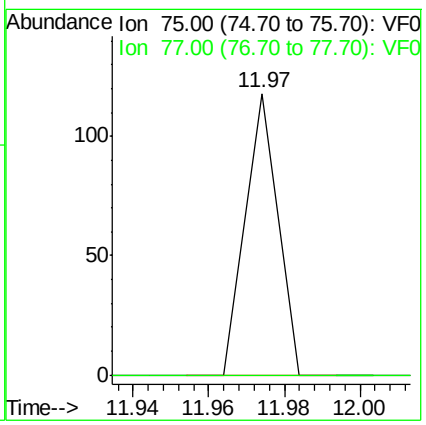


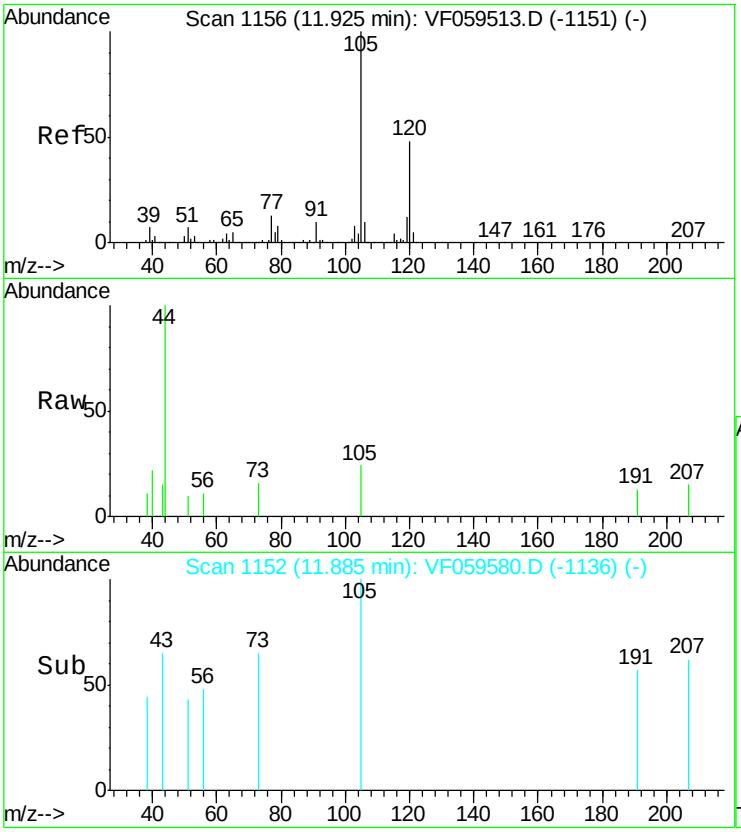


#76
1,2,3-Trichloropropane
Concen: 98.863 ug/l
RT: 11.97 min Scan# 1161
Delta R.T. 0.08 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 75 Resp: 70

Ion	Ratio	Lower	Upper
75	100		
77	0.0	18.7	56.1#



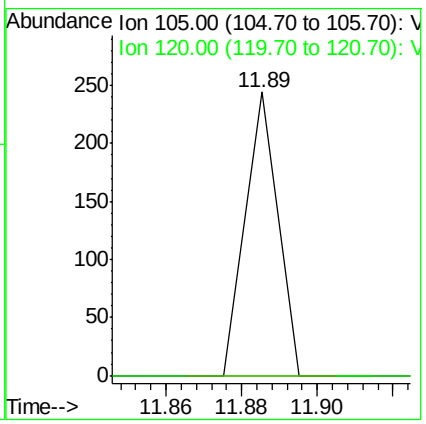


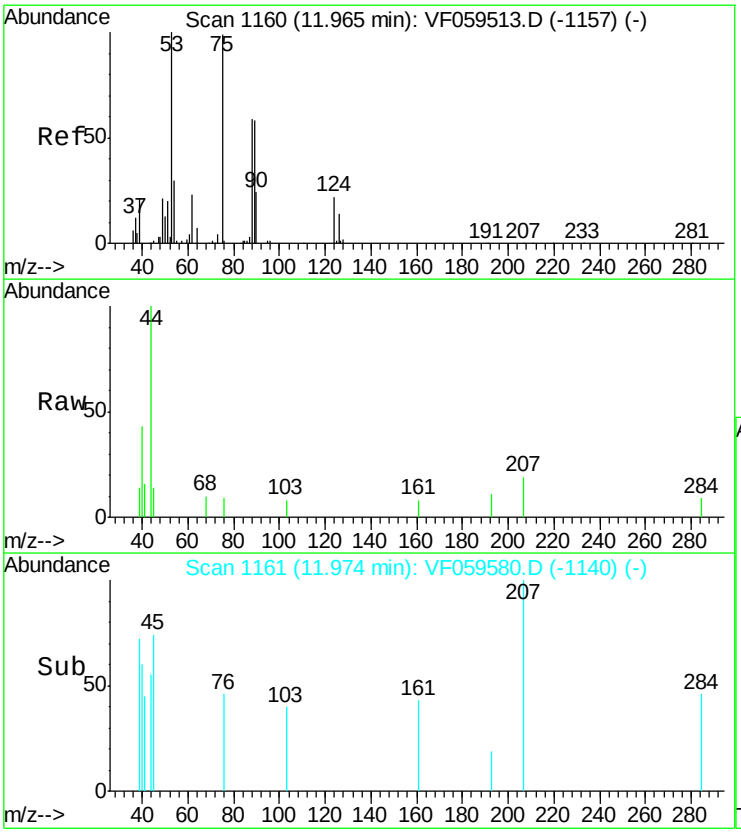
#80
1,3,5-Trimethylbenzene
Concen: 43.229 ug/l
RT: 11.89 min Scan# 1152
Delta R.T. -0.04 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 144

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.1	72.4#

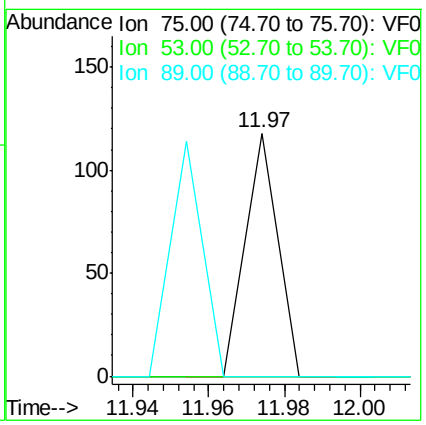


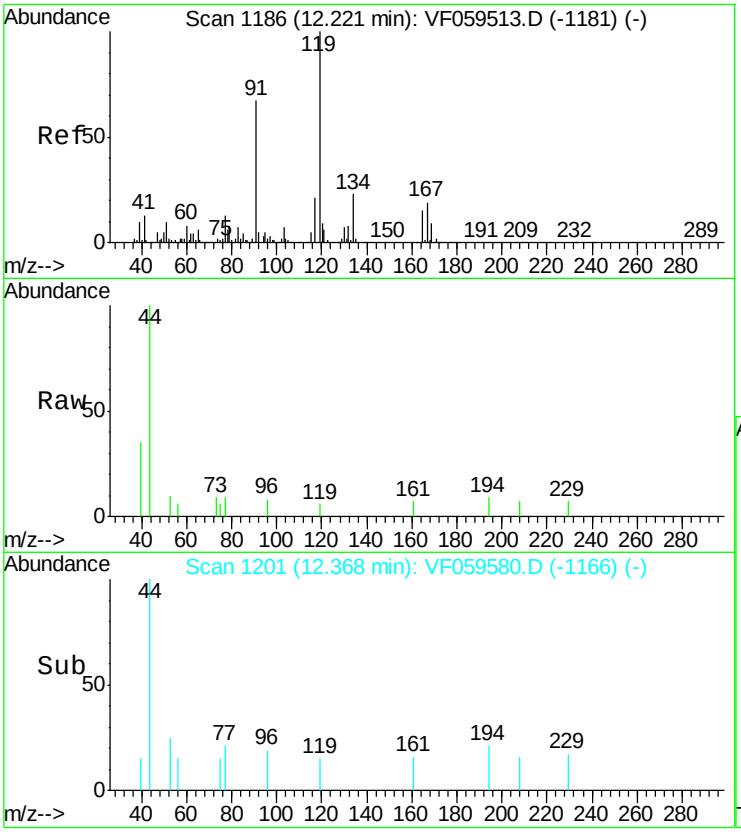


#81
trans-1,4-Dichloro-2-butene
Concen: 216.421 ug/l
RT: 11.97 min Scan# 1161
Delta R.T. 0.01 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 75 Resp: 70

Ion	Ratio	Lower	Upper
75	100		
53	0.0	84.6	127.0#
89	0.0	48.2	72.4#



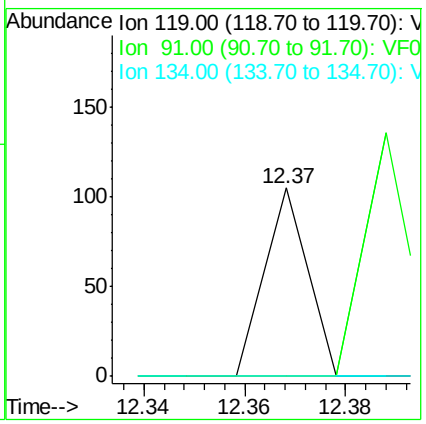


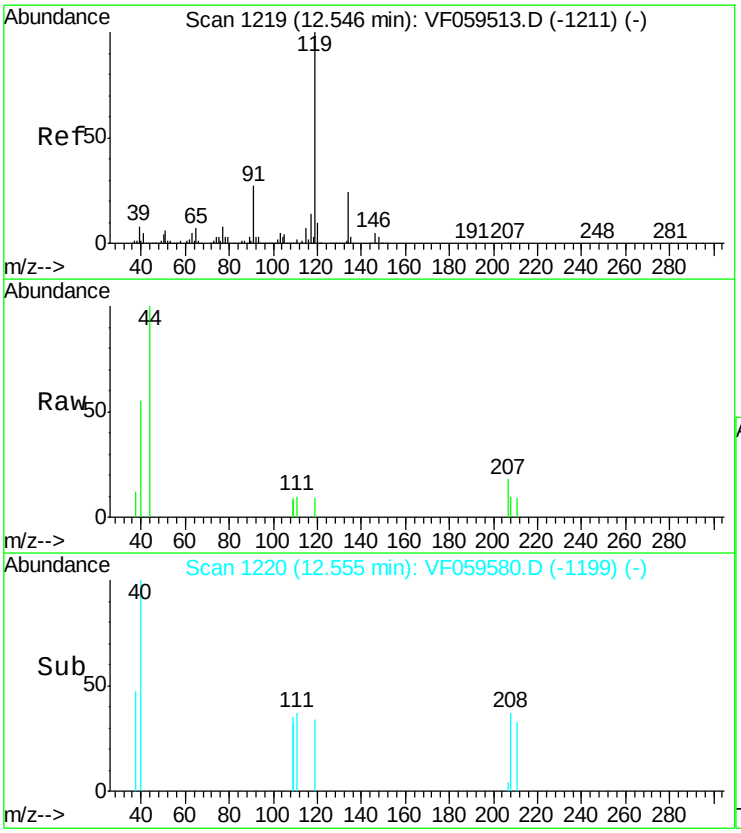
#83
tert-Butylbenzene
Concen: 19.393 ug/l
RT: 12.37 min Scan# 1201
Delta R.T. 0.15 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 62

Ion	Ratio	Lower	Upper
119	100		
91	0.0	33.5	100.5#
134	0.0	11.3	33.8#

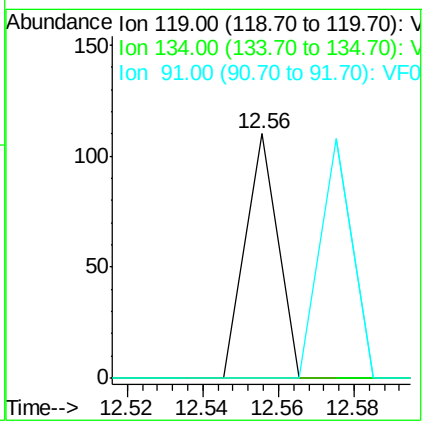


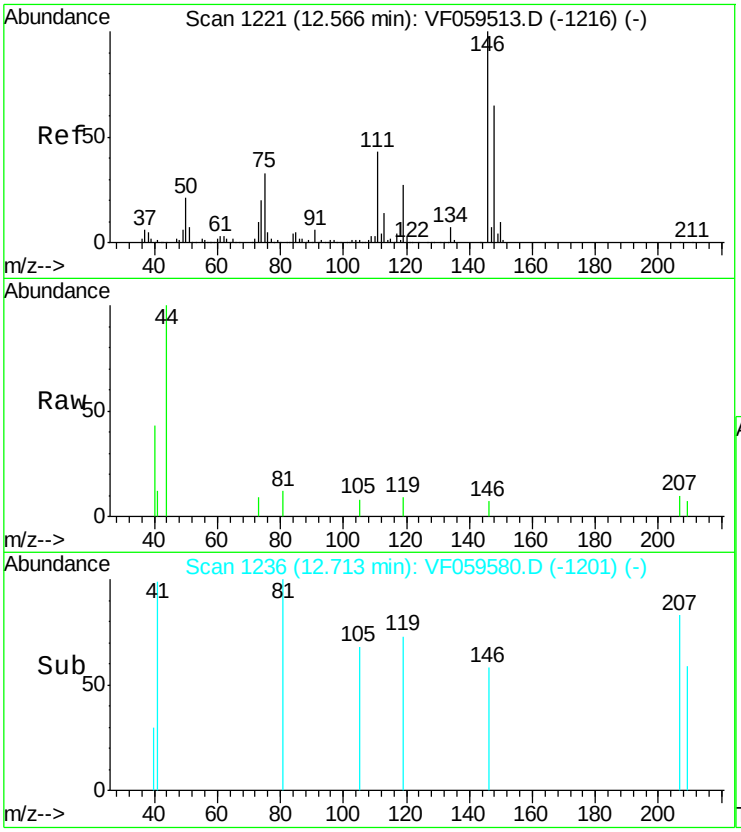


#86
p-Isopropyltoluene
Concen: 18.374 ug/l
RT: 12.56 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion:119 Resp: 65

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.0	36.0#
91	0.0	13.5	40.4#



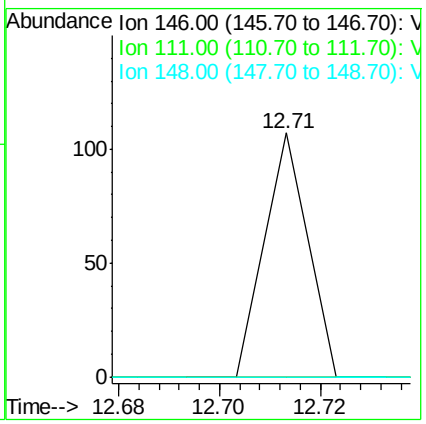


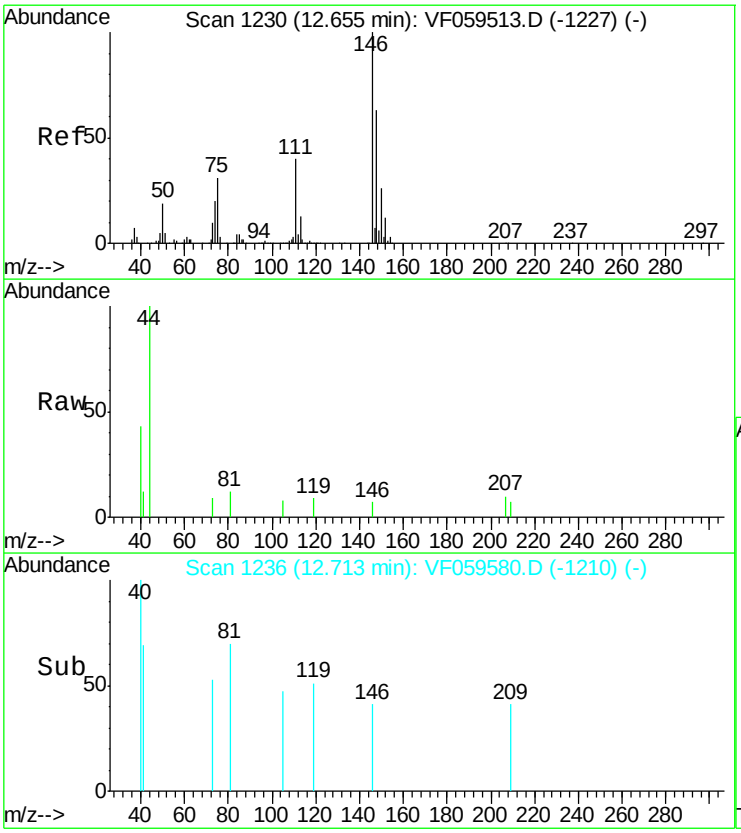
#87
1,3-Dichlorobenzene
Concen: 32.956 ug/l
RT: 12.71 min Scan# 1236
Delta R.T. 0.15 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 63

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.4	64.3#
148	0.0	32.7	98.1#

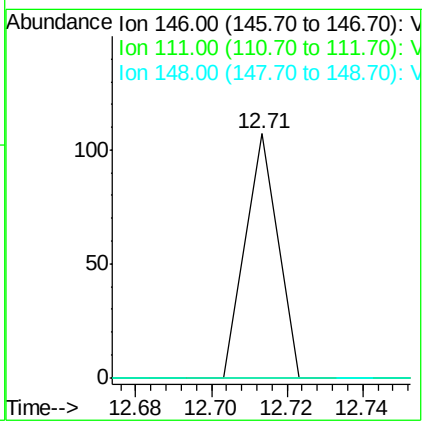


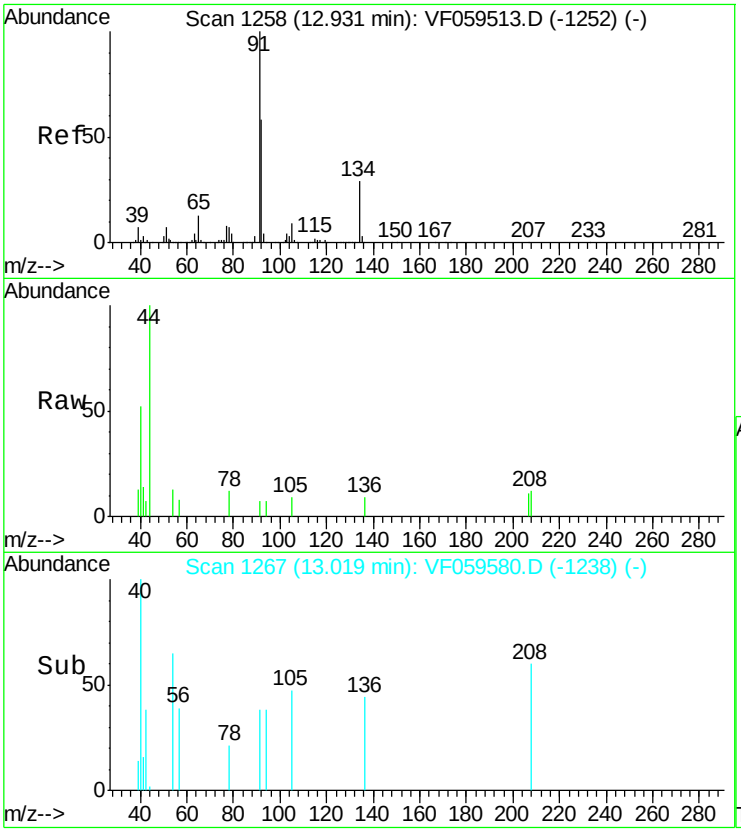


#88
1,4-Dichlorobenzene
Concen: 33.445 ug/l
RT: 12.71 min Scan# 1236
Delta R.T. 0.06 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion:146 Resp: 63

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.0	59.9#
148	0.0	31.5	94.5#



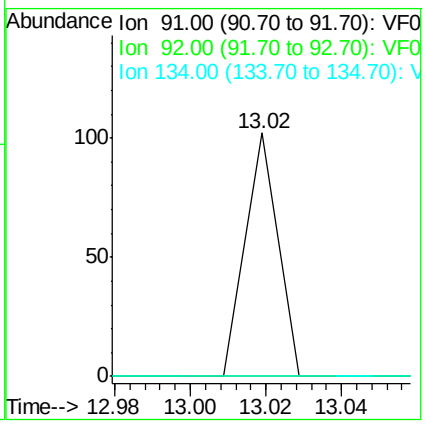


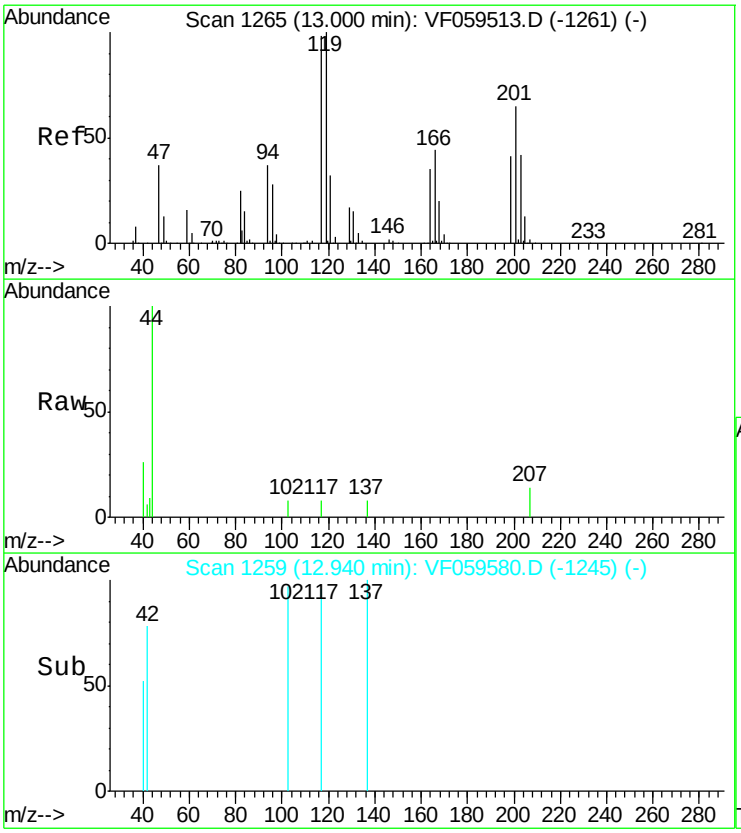
#89
n-Butylbenzene
Concen: 18.123 ug/l
RT: 13.02 min Scan# 1267
Delta R.T. 0.09 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 60

Ion	Ratio	Lower	Upper
91	100		
92	0.0	29.1	87.3#
134	0.0	14.3	42.9#

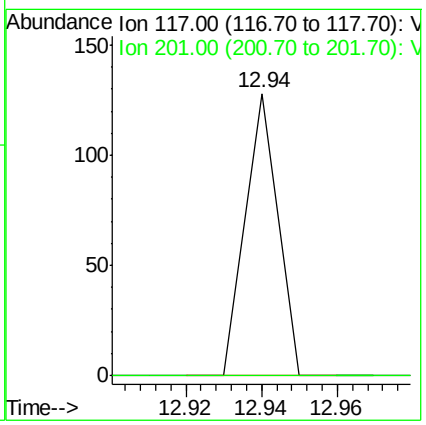


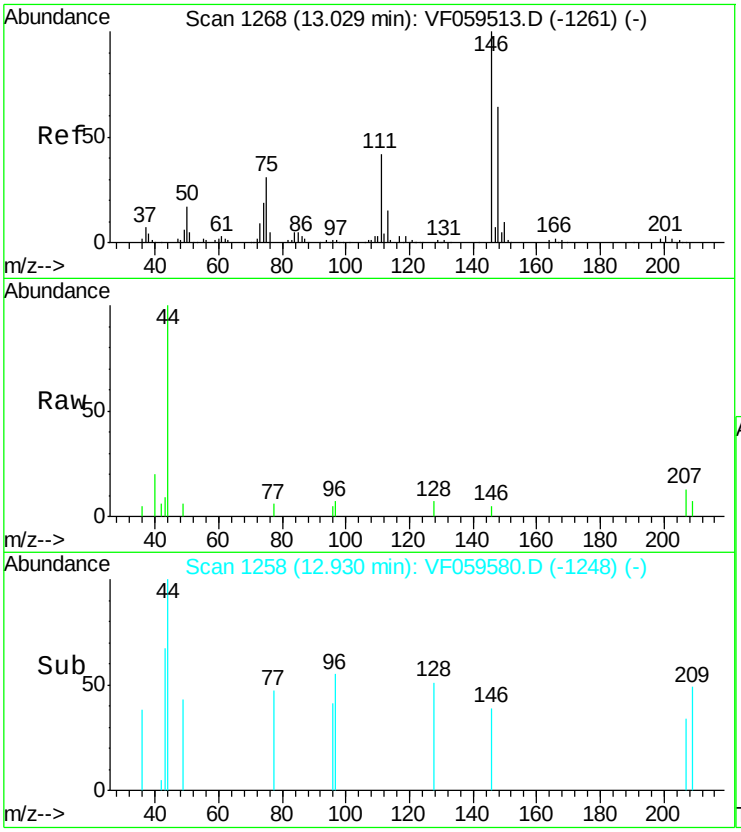


#90
Hexachloroethane
Concen: 94.577 ug/l
RT: 12.94 min Scan# 1259
Delta R.T. -0.06 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion:117 Resp: 76

Ion	Ratio	Lower	Upper
117	100		
201	0.0	32.6	98.0#



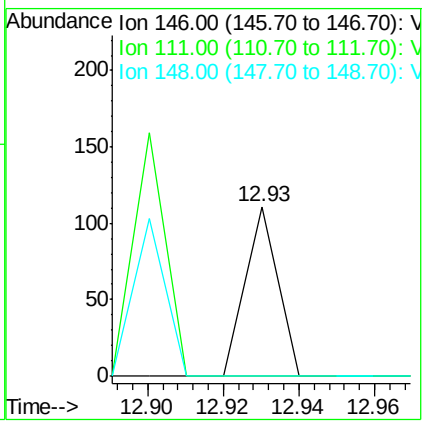


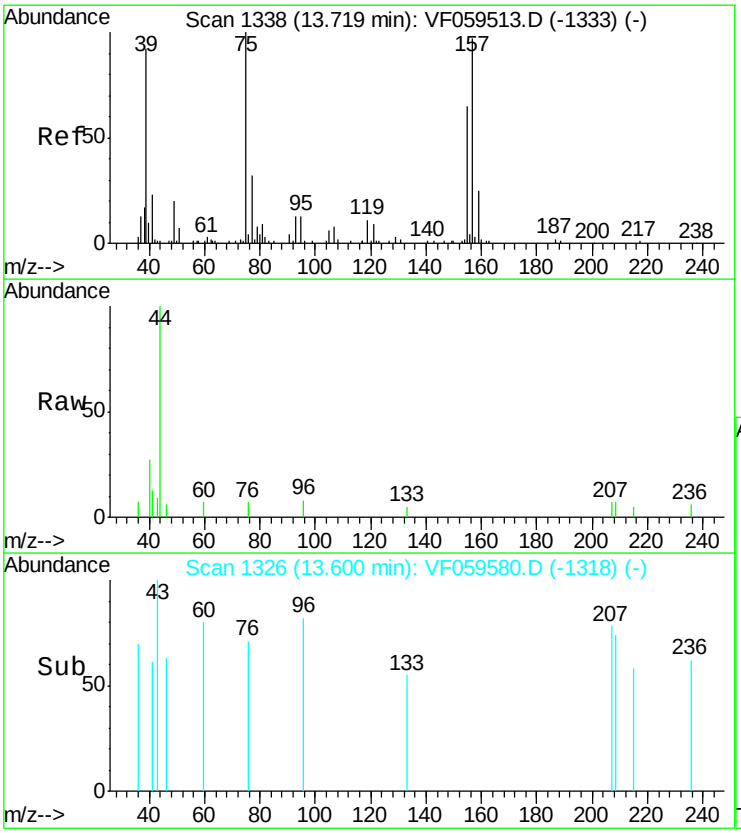
#91
1,2-Dichlorobenzene
Concen: 36.099 ug/l
RT: 12.93 min Scan# 1258
Delta R.T. -0.10 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 66

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.1	63.1#
148	0.0	32.3	96.8#

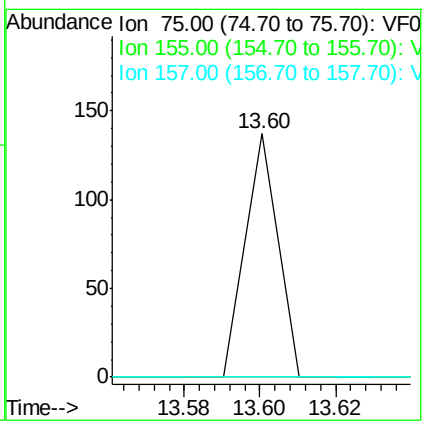


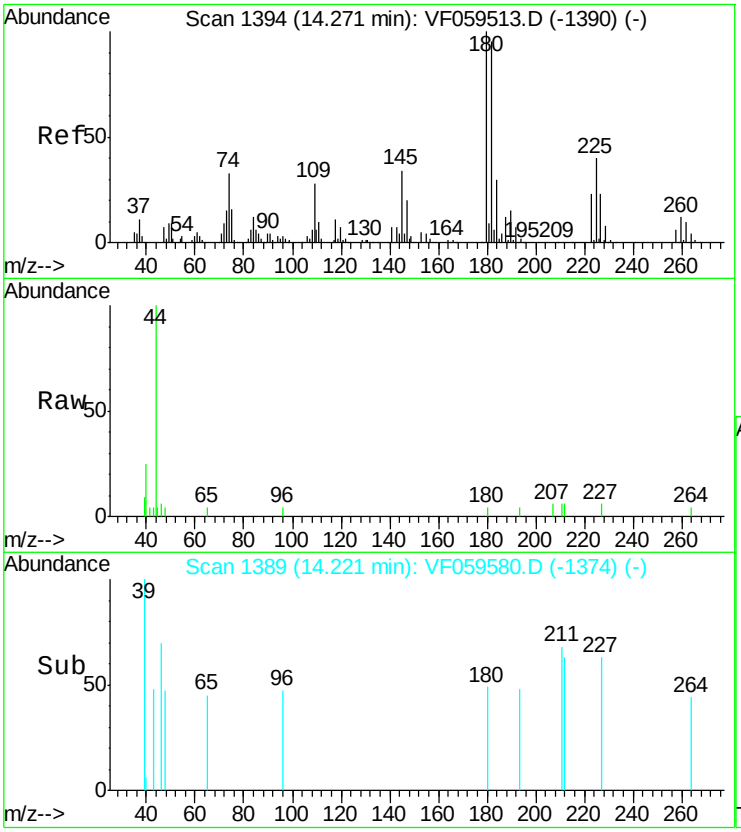


#92
1,2-Dibromo-3-Chloropropane
Concen: 412.346 ug/l
RT: 13.60 min Scan# 1326
Delta R.T. -0.12 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion: 75 Resp: 81

Ion	Ratio	Lower	Upper
75	100		
155	0.0	32.8	98.3#
157	0.0	48.5	145.5#



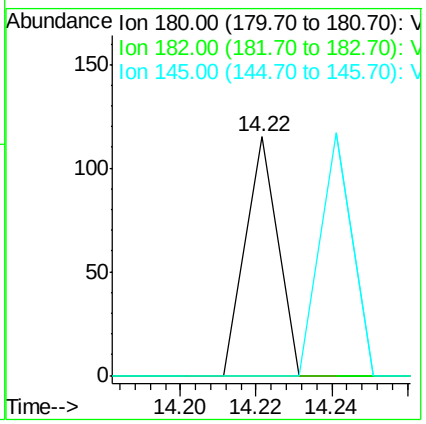


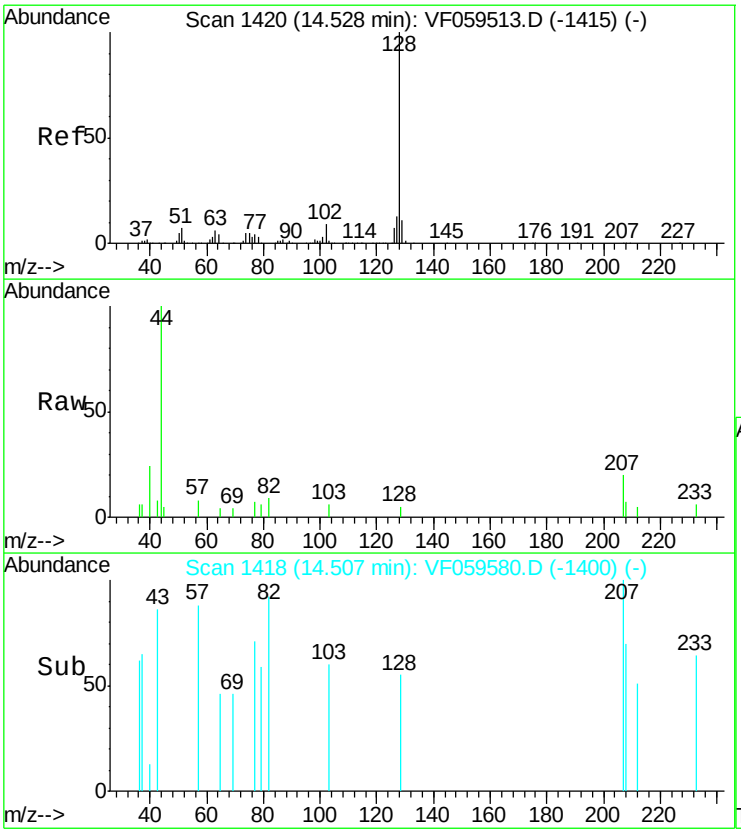
#93
1,2,4-Trichlorobenzene
Concen: 61.210 ug/l
RT: 14.22 min Scan# 1389
Delta R.T. -0.05 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:180 Resp: 68

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.5	142.5#
145	0.0	17.3	51.7#





#95
Naphthalene
Concen: 31.198 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.02 min
Lab File: VF059580.D
Acq: 20 Jul 2018 2:53

Tgt Ion:128 Resp: 72

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	9.0	13.4#