Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
Data File : VF056663.D
Acq On : 23 Feb 2018 18:45
Operator : JC/SY
Sample : J1672-03
Misc : 4.94g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 72-11982

Quant Time: Feb 24 00:49:03 2018
Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F022018S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 21 08:56:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.75	168	86	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.17	114	64	50.00	ug/l	-0.34
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.69
72) 1,4-Dichlorobenzene-d4	12.45	152	78	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.69	65	166	159.66	ug/l	-0.07
Spiked Amount 50.000			Recovery = 319.32%			
35) Dibromofluoromethane	3.84	113	61	126.73	ug/l	-0.18
Spiked Amount 50.000			Recovery = 253.46%			
50) Toluene-d8	7.04	98	61	42.28	ug/l	-0.43
Spiked Amount 50.000			Recovery = 84.56%			
62) 4-Bromofluorobenzene	10.71	95	63	95.99	ug/l	-0.62
Spiked Amount 50.000			Recovery = 191.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.76	85	64	73.79	ug/l #	45
3) Chloromethane	1.02	50	77	79.60	ug/l #	11
4) Vinyl Chloride	1.01	62	63	91.67	ug/l #	42
5) Bromomethane	1.18	94	66	171.73	ug/l #	1
6) Chloroethane	1.33	64	62	Below Cal	#	43
9) 1,1,2-Trichlorotrifluoroet	1.77	101	79	130.19	ug/l #	19
10) Methyl Iodide	1.72	142	69	61.00	ug/l #	33
11) Tert butyl alcohol	2.35	59	104	1482.02	ug/l #	67
12) 1,1-Dichloroethene	1.62	96	60	107.35	ug/l #	1
13) Acrolein	1.90	56	63	838.66	ug/l #	13
14) Allyl chloride	2.05	41	76	79.10	ug/l #	76
15) Acrylonitrile	2.87	53	69	390.19	ug/l #	15
16) Acetone	2.16	43	153	500.04	ug/l #	59
17) Carbon Disulfide	1.86	76	101	69.30	ug/l #	69
18) Methyl Acetate	2.26	43	215	378.97	ug/l #	64
19) Methyl tert-butyl Ether	2.35	73	106	64.13	ug/l #	55
20) Methylene Chloride	2.11	84	99	169.97	ug/l #	46
21) trans-1,2-Dichloroethene	2.31	96	78	132.45	ug/l #	1
22) Diisopropyl ether	2.72	45	209	97.04	ug/l #	43
23) Vinyl Acetate	3.11	43	394	224.83	ug/l #	77
24) 1,1-Dichloroethane	2.87	63	66	55.48	ug/l #	88
25) 2-Butanone	4.25	43	108	198.49	ug/l #	56
26) 2,2-Dichloropropane	3.53	77	62	94.16	ug/l #	57
27) cis-1,2-Dichloroethene	3.35	96	59	59.64	ug/l	34
28) Bromochloromethane	3.71	49	85	152.61	ug/l	90
29) Tetrahydrofuran	4.00	42	61	242.13	ug/l #	34
30) Chloroform	3.65	83	75	44.05	ug/l #	18
31) Cyclohexane	3.63	56	87	68.09	ug/l #	20
32) 1,1,1-Trichloroethane	3.91	97	66	63.98	ug/l #	22
36) 1,1-Dichloropropene	3.94	75	94	155.98	ug/l #	43
37) Ethyl Acetate	3.68	43	268	497.35	ug/l #	31
38) Carbon Tetrachloride	3.72	117	178	396.79	ug/l #	9
39) Methylcyclohexane	5.05	83	60	92.06	ug/l #	15
40) Benzene	4.30	78	80	52.35	ug/l #	52

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
Data File : VF056663.D
Acq On : 23 Feb 2018 18:45
Operator : JC/SY
Sample : J1672-03
Misc : 4.94g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 72-11982

Quant Time: Feb 24 00:49:03 2018
Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F022018S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 21 08:56:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.33	41	64	244.71 ug/l #	24
42) 1,2-Dichloroethane	4.61	62	122	205.37 ug/l	76
43) Isopropyl Acetate	6.47	43	373	564.64 ug/l #	42
44) Trichloroethene	5.12	130	94	209.61 ug/l	1
46) Dibromomethane	5.56	93	63	188.06 ug/l #	5
47) Bromodichloromethane	5.76	83	62	100.15 ug/l #	24
48) Methyl methacrylate	6.23	41	98	253.18 ug/l #	17
49) 1,4-Dioxane	5.96	88	98	24560.60 ug/l #	26
51) 4-Methyl-2-Pentanone	7.68	43	69	152.70 ug/l #	36
53) t-1,3-Dichloropropene	7.70	75	124	198.86 ug/l #	43
54) cis-1,3-Dichloropropene	6.77	75	96	132.31 ug/l #	29
56) Ethyl methacrylate	8.00	69	92	174.73 ug/l #	76
57) 1,3-Dichloropropane	8.32	76	68	96.99 ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.07	63	140	1955.75 ug/l	100
59) 2-Hexanone	8.80	43	92	250.85 ug/l #	25
61) 1,2-Dibromoethane	8.25	107	143	306.29 ug/l #	1
73) Isopropylbenzene	11.07	105	124	24.14 ug/l #	49
74) N-amyl acetate	11.31	43	115	50.04 ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.51	83	71	45.68 ug/l #	25
76) 1,2,3-Trichloropropane	11.74	75	79	66.24 ug/l #	43
78) n-propylbenzene	11.36	91	64	10.11 ug/l #	55
81) trans-1,4-Dichloro-2-buten	11.78	75	63	96.42 ug/l #	20
82) 4-Chlorotoluene	11.92	91	85	20.96 ug/l #	40
83) tert-Butylbenzene	12.16	119	62	15.04 ug/l #	30
86) p-Isopropyltoluene	12.36	119	66	14.48 ug/l #	49
87) 1,3-Dichlorobenzene	12.38	146	69	26.92 ug/l #	24
88) 1,4-Dichlorobenzene	12.38	146	69	28.04 ug/l #	23
89) n-Butylbenzene	12.80	91	62	9.05 ug/l #	28
91) 1,2-Dichlorobenzene	12.70	146	60	24.40 ug/l #	22
92) 1,2-Dibromo-3-Chloropropan	13.67	75	66	227.92 ug/l #	1
93) 1,2,4-Trichlorobenzene	14.23	180	80	47.92 ug/l #	11
95) Naphthalene	14.38	128	60	14.29 ug/l #	69

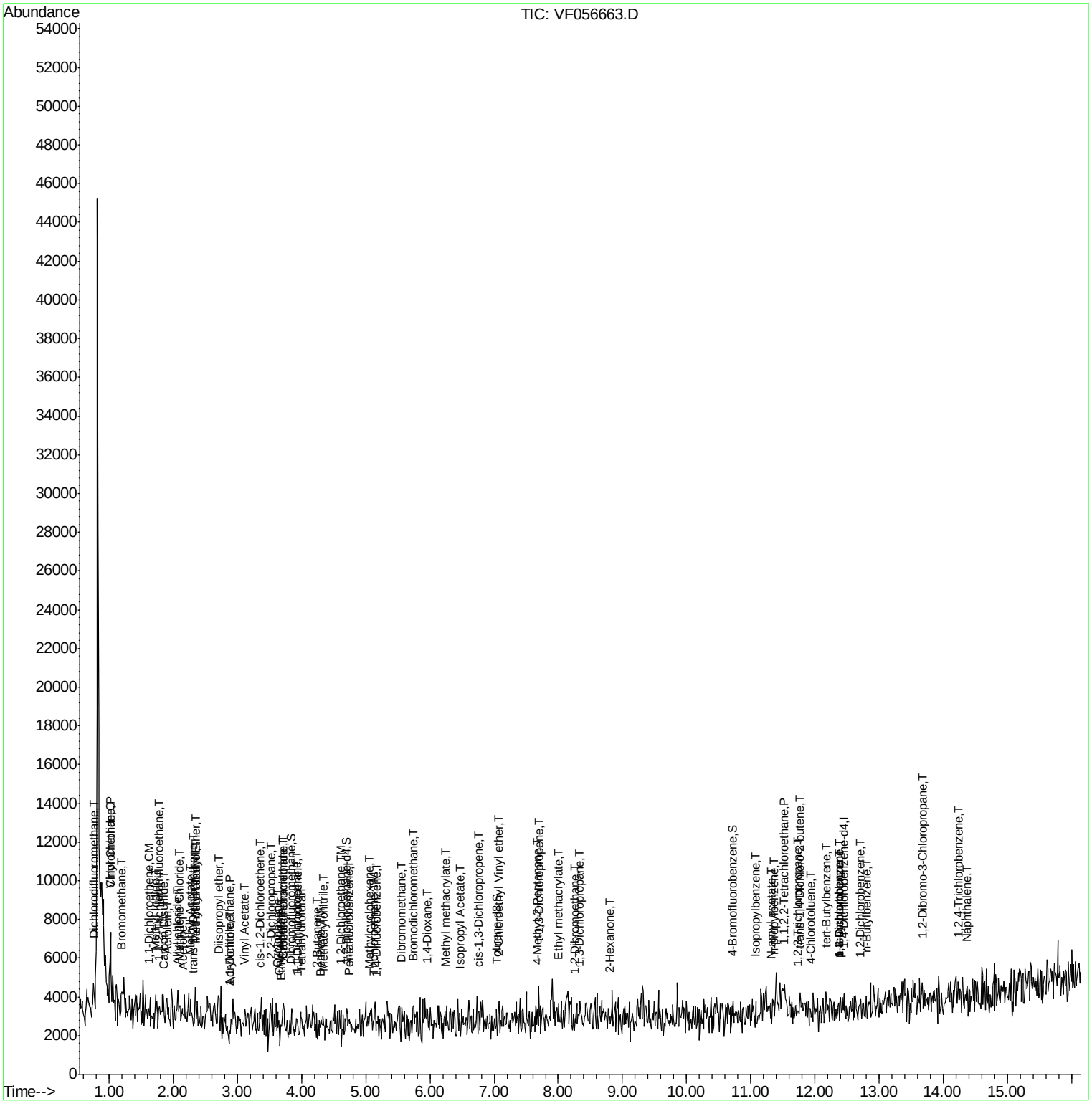
(#) = qualifier out of range (m) = manual integration (+) = signals summed

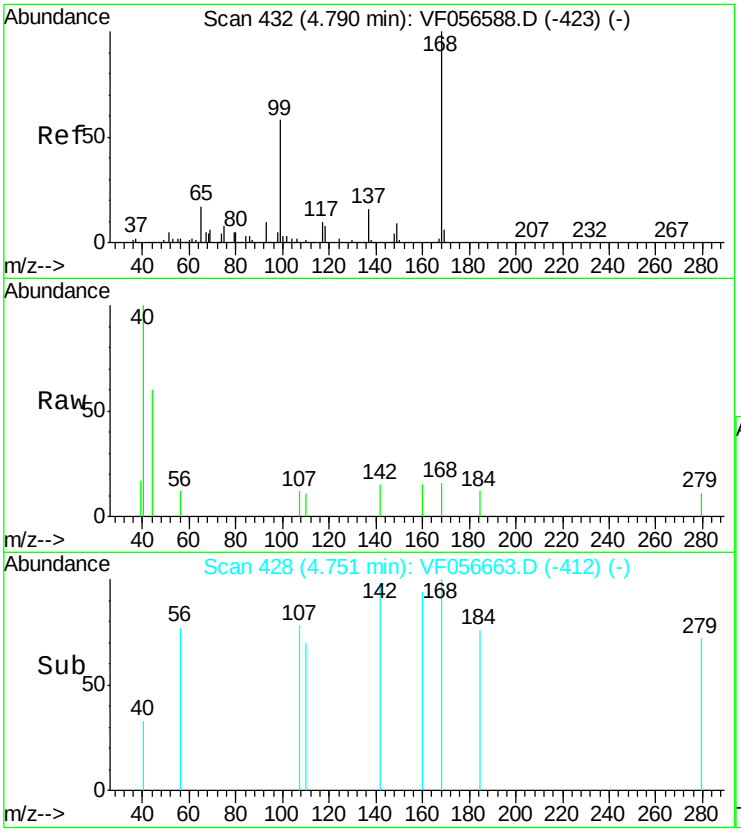
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
Data File : VF056663.D
Acq On : 23 Feb 2018 18:45
Operator : JC/SY
Sample : J1672-03
Misc : 4.94g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Quant Time: Feb 24 00:49:03 2018
Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F022018S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 21 08:56:21 2018
Response via : Initial Calibration



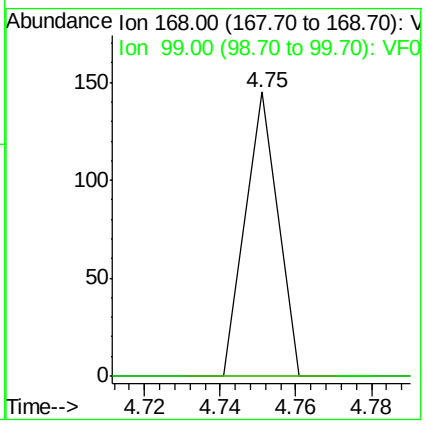


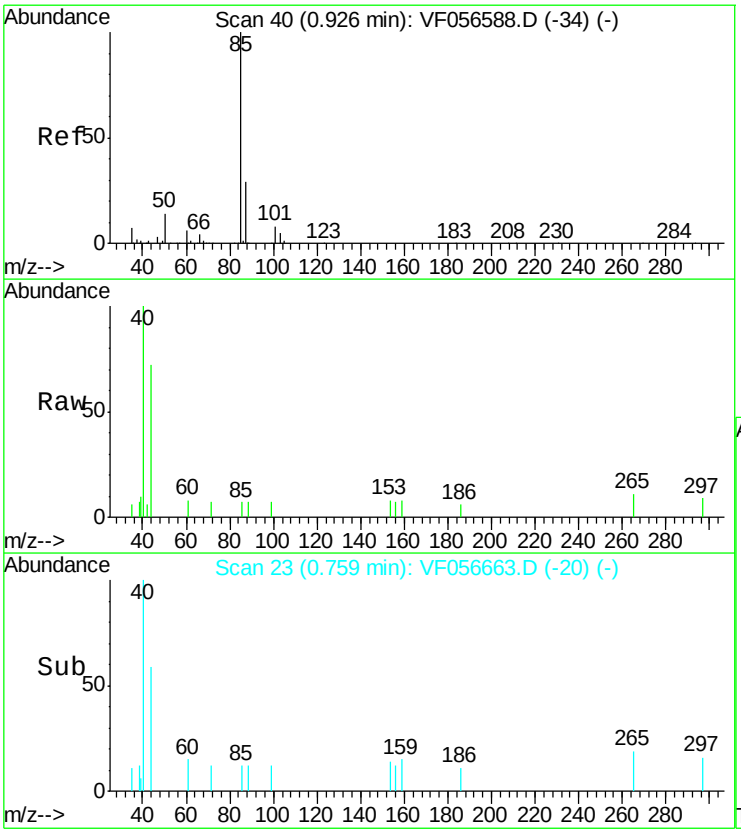
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.75 min Scan# 428
Delta R.T. -0.04 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion:168 Resp: 86

Ion	Ratio	Lower	Upper
168	100		
99	0.0	46.2	69.2#

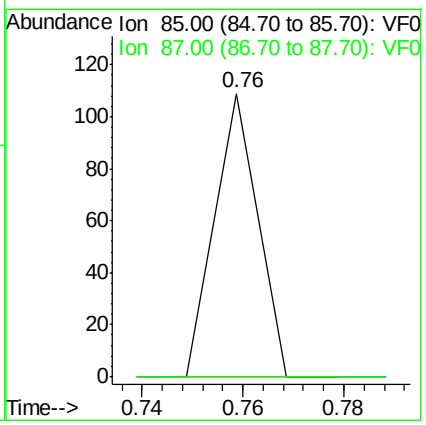


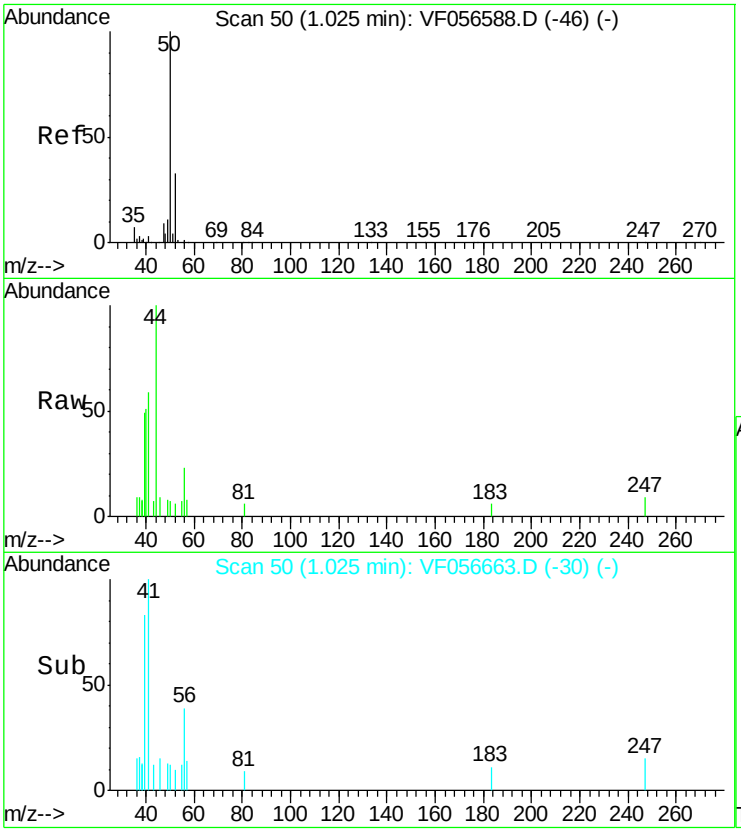


#2
Dichlorodifluoromethane
Concen: 73.79 ug/l
RT: 0.76 min Scan# 23
Delta R.T. -0.17 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 85 Resp: 64

Ion	Ratio	Lower	Upper
85	100		
87	0.0	14.7	44.1#



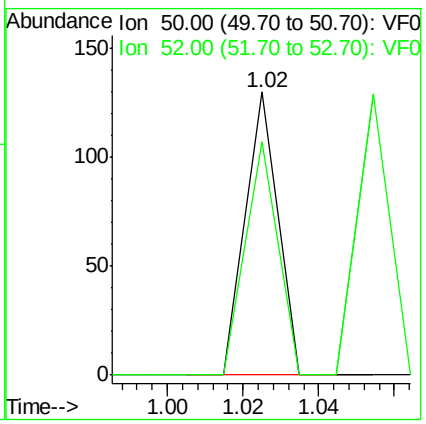


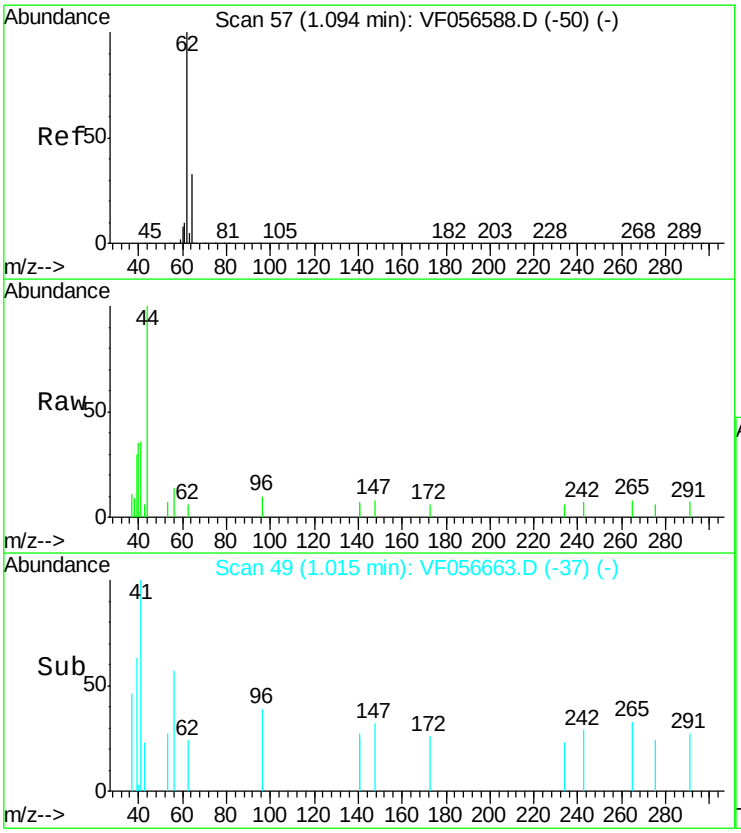
#3
Chloromethane
Concen: 79.60 ug/l
RT: 1.02 min Scan# 50
Delta R.T. 0.00 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion: 50 Resp: 77

Ion	Ratio	Lower	Upper
50	100		
52	82.3	25.8	38.8#

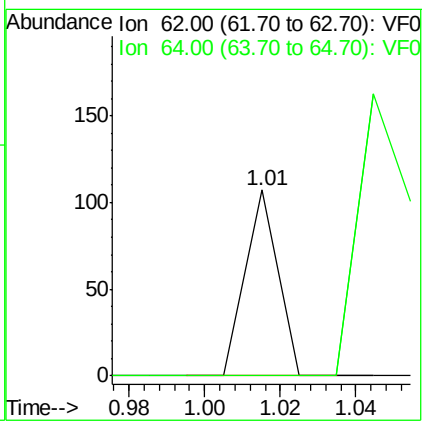


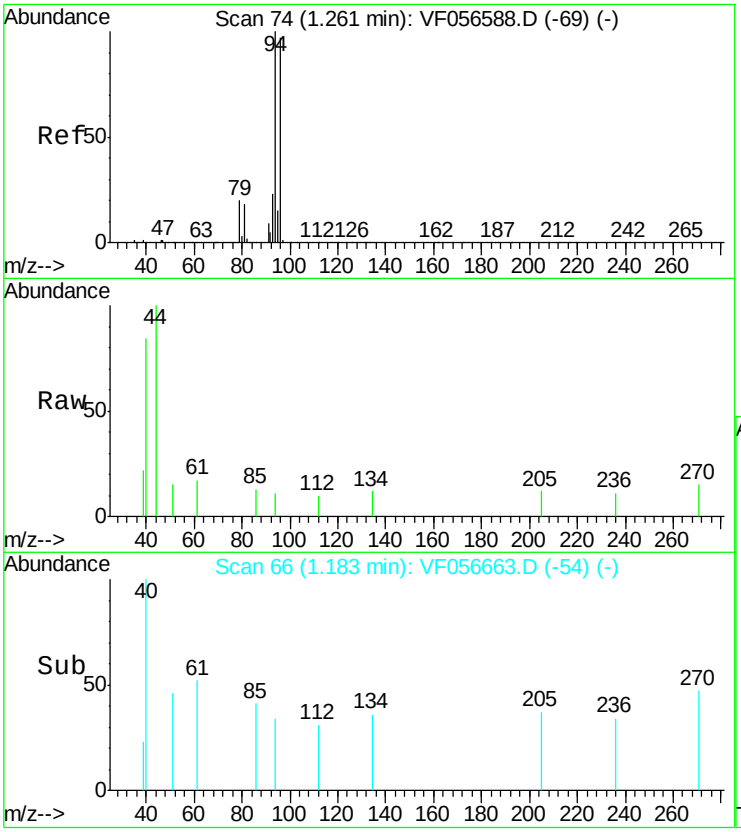


#4
Vinyl Chloride
Concen: 91.67 ug/l
RT: 1.01 min Scan# 49
Delta R.T. -0.08 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 62 Resp: 63

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.4	39.6#



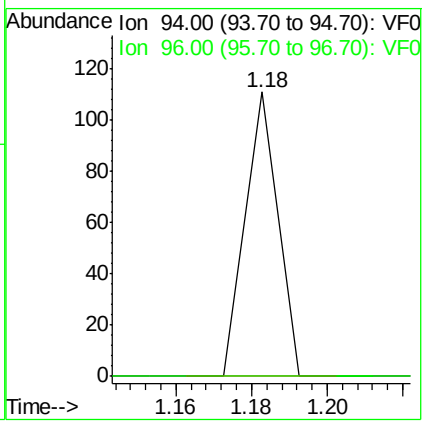


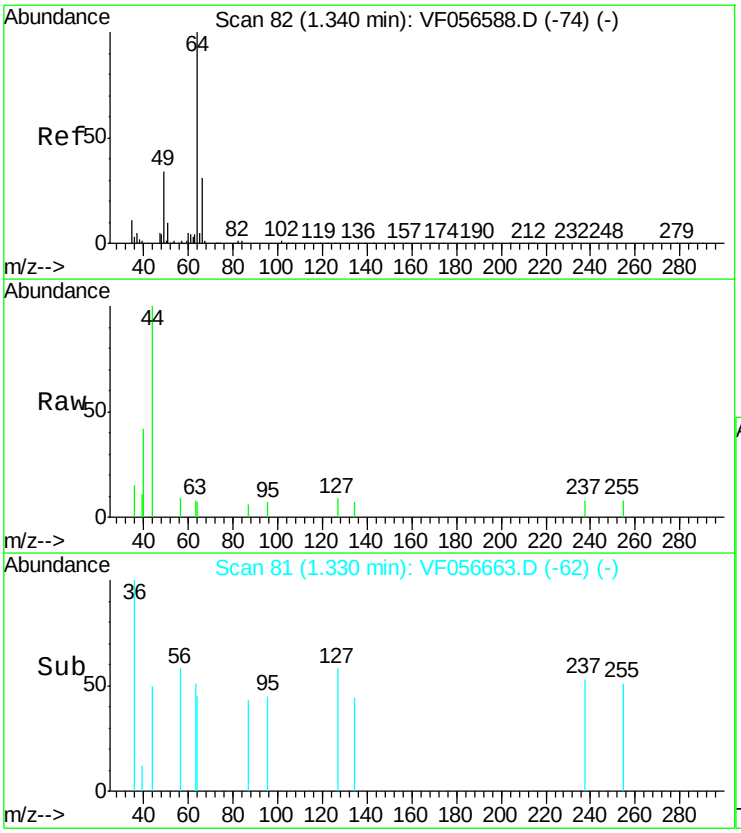
#5
Bromomethane
Concen: 171.73 ug/l
RT: 1.18 min Scan# 66
Delta R.T. -0.08 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 94 Resp: 66

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.4	116.0#

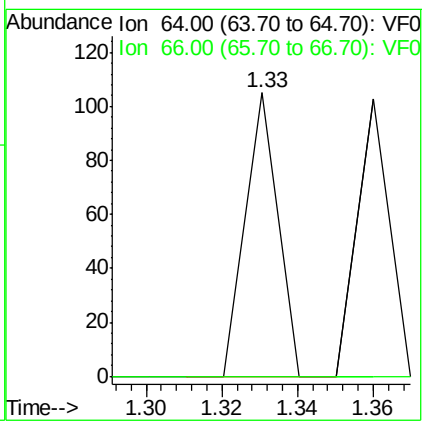


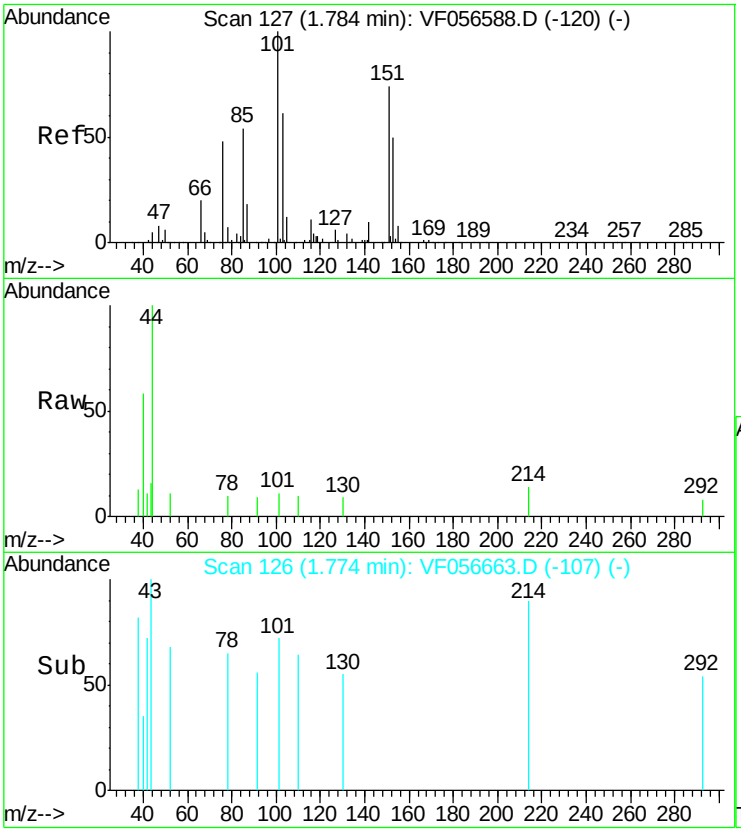


#6
Chloroethane
Concen: Below Cal
RT: 1.33 min Scan# 81
Delta R.T. -0.01 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 64 Resp: 62

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.2#



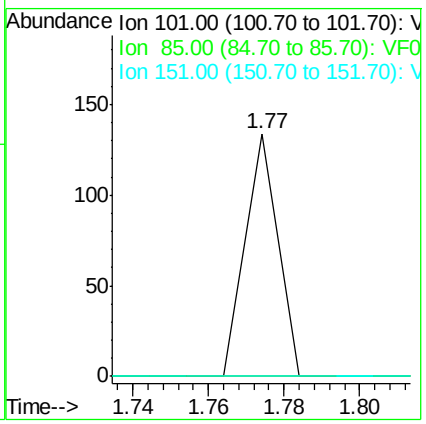


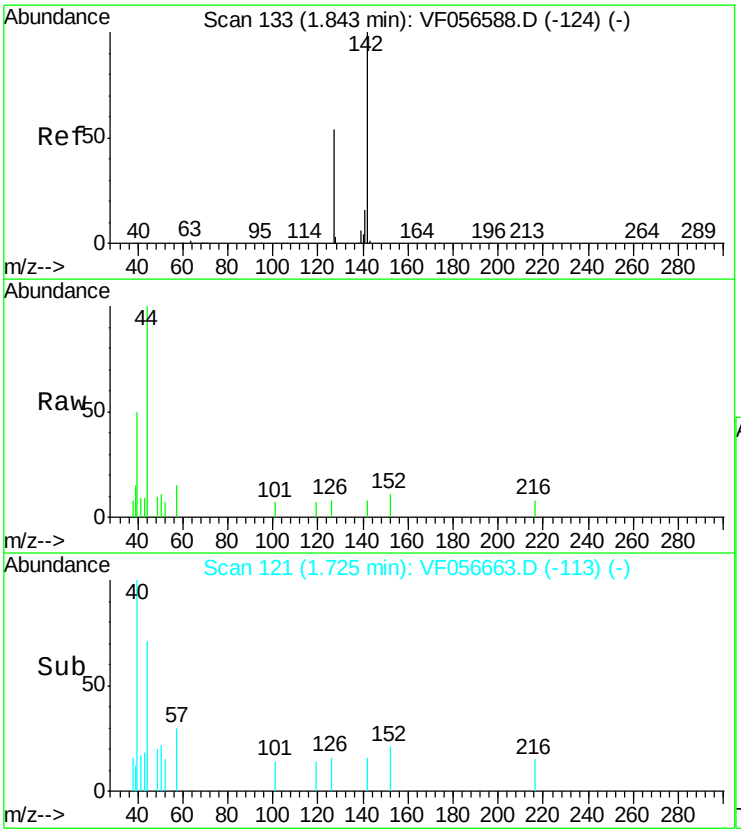
#9
1,1,2-Trichlorotrifluoroethane
Concen: 130.19 ug/l
RT: 1.77 min Scan# 126
Delta R.T. -0.01 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion:101 Resp: 79

Ion	Ratio	Lower	Upper
101	100		
85	0.0	41.7	62.5#
151	0.0	56.6	85.0#

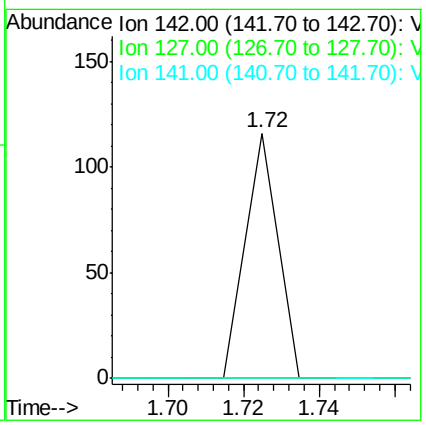


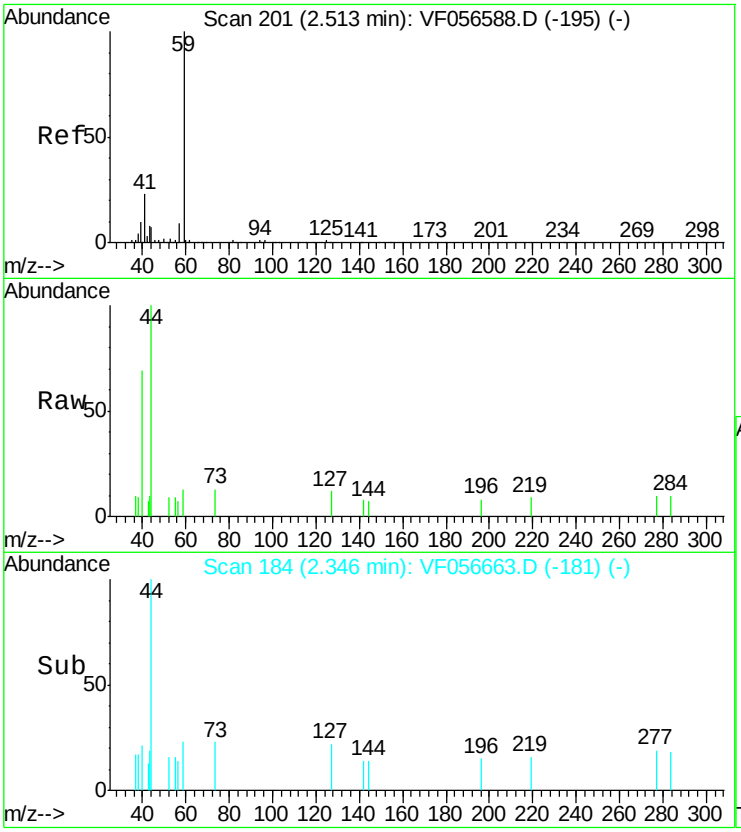


#10
Methyl Iodide
Concen: 61.00 ug/l
RT: 1.72 min Scan# 121
Delta R.T. -0.12 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion:142 Resp: 69

Ion	Ratio	Lower	Upper
142	100		
127	0.0	43.4	65.0#
141	0.0	13.0	19.4#



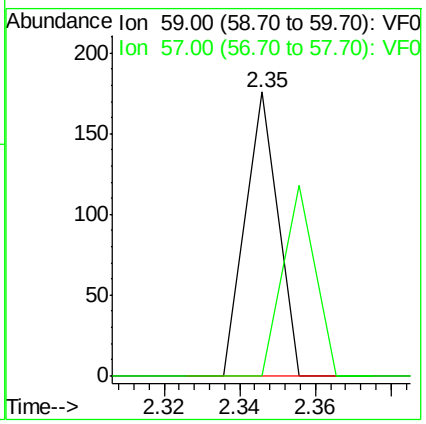


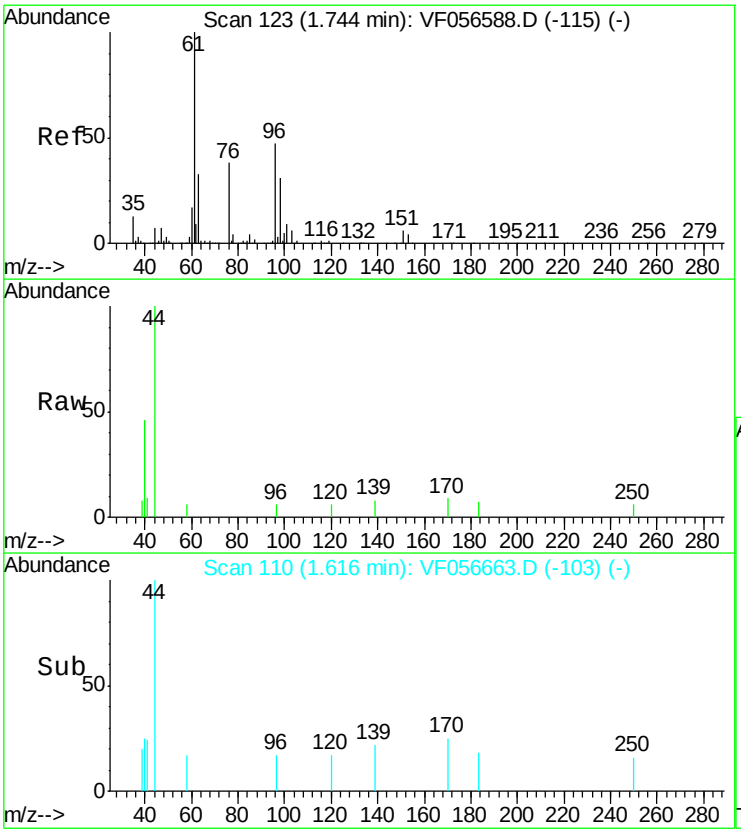
#11
Tert butyl alcohol
Concen: 1482.02 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.17 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion: 59 Resp: 104

Ion	Ratio	Lower	Upper
59	100		
57	0.0	10.3	15.5#

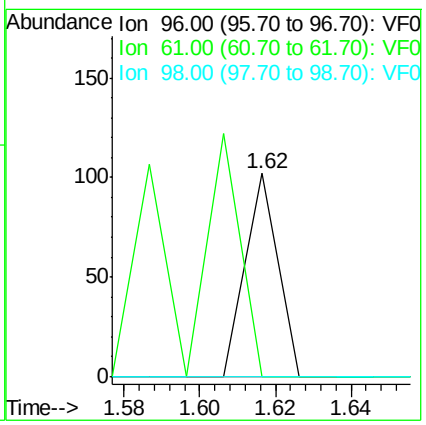


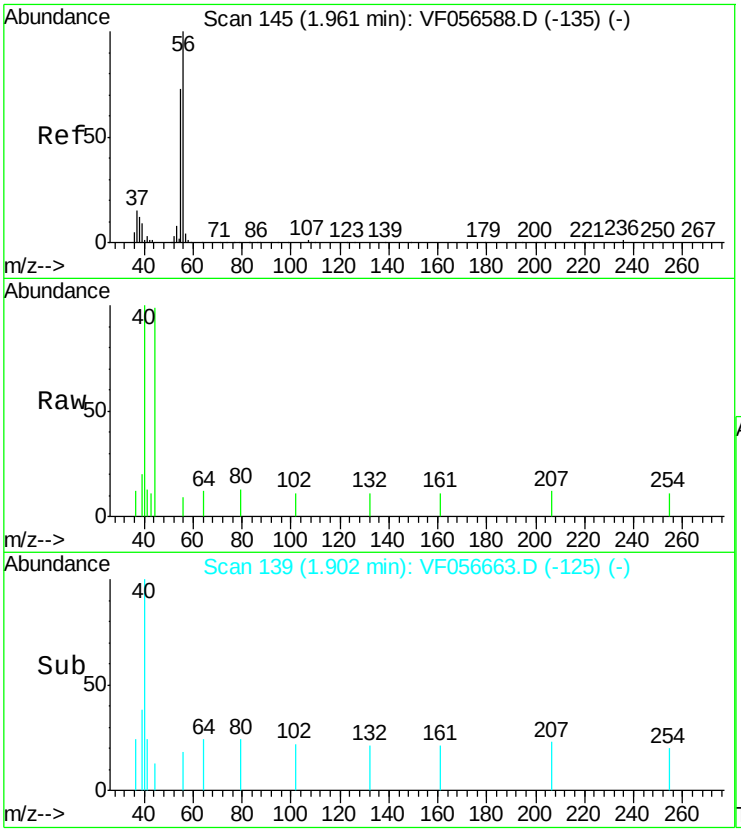


#12
1,1-Dichloroethene
Concen: 107.35 ug/l
RT: 1.62 min Scan# 110
Delta R.T. -0.13 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 96 Resp: 60

Ion	Ratio	Lower	Upper
96	100		
61	0.0	168.8	253.2#
98	0.0	52.2	78.4#



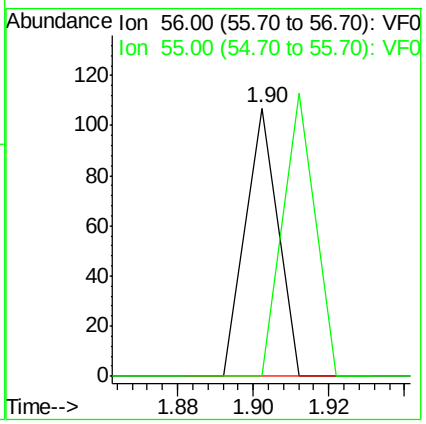


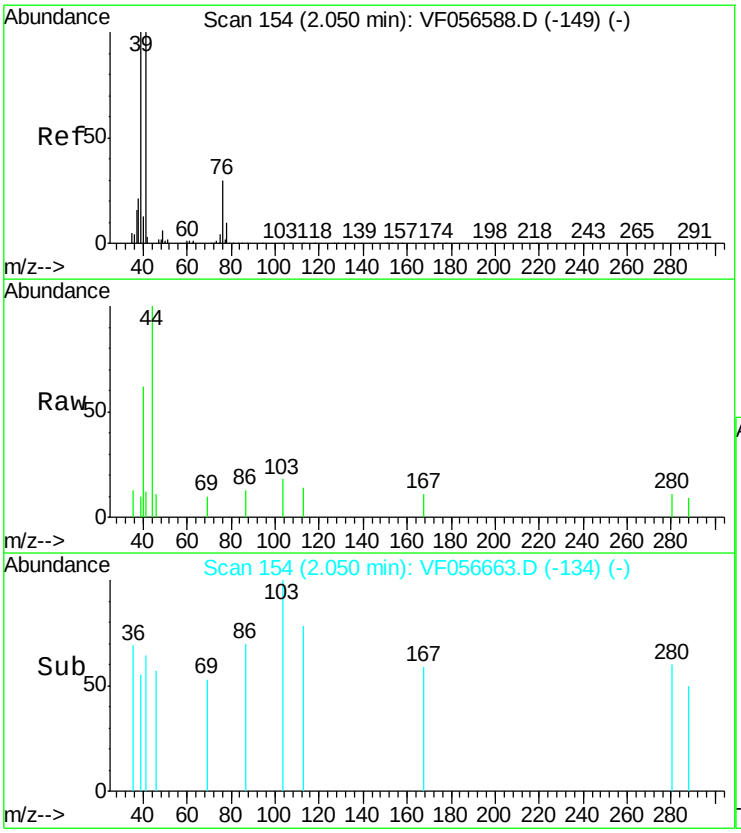
#13
Acrolein
Concen: 838.66 ug/l
RT: 1.90 min Scan# 139
Delta R.T. -0.06 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 56 Resp: 63

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.6	88.0#

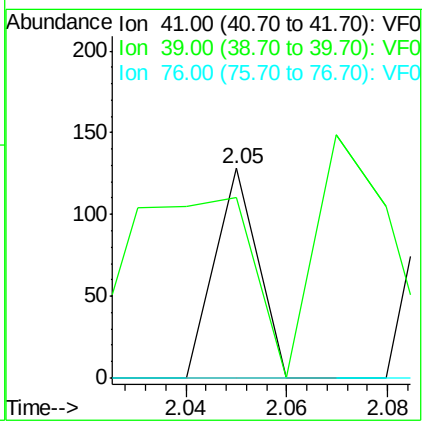


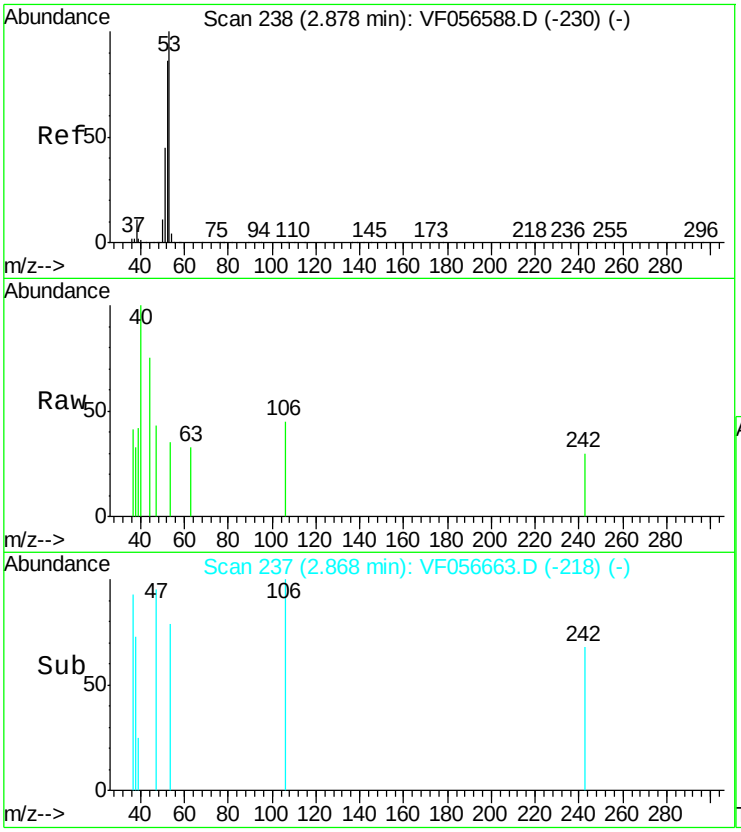


#14
Allyl chloride
Concen: 79.10 ug/l
RT: 2.05 min Scan# 154
Delta R.T. 0.00 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 41 Resp: 76

Ion	Ratio	Lower	Upper
41	100		
39	85.9	79.8	119.6
76	0.0	25.4	38.2#



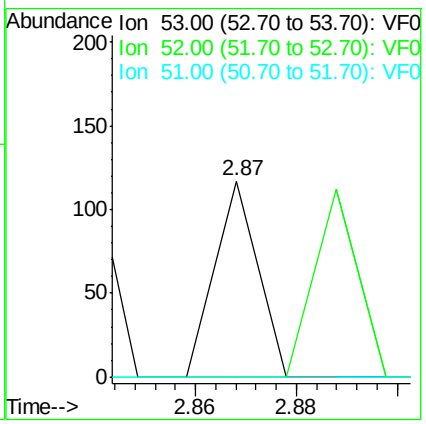


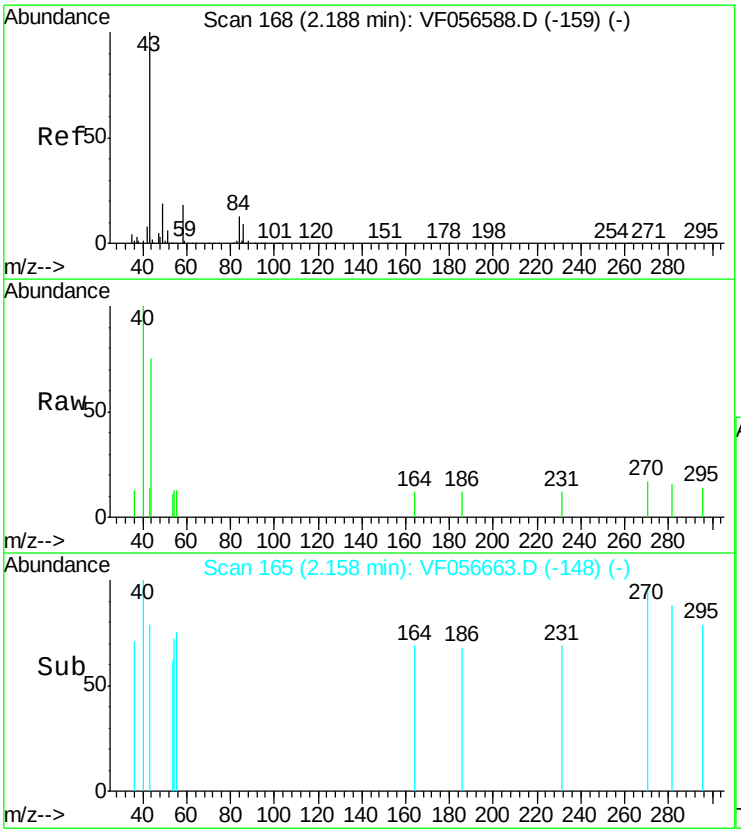
#15
Acrylonitrile
Concen: 390.19 ug/l
RT: 2.87 min Scan# 237
Delta R.T. -0.01 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 53 Resp: 69

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.4	102.6#
51	0.0	35.8	53.6#

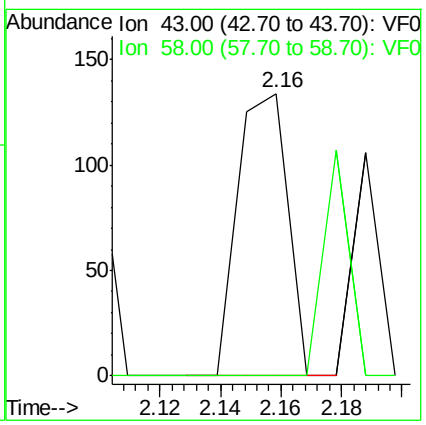


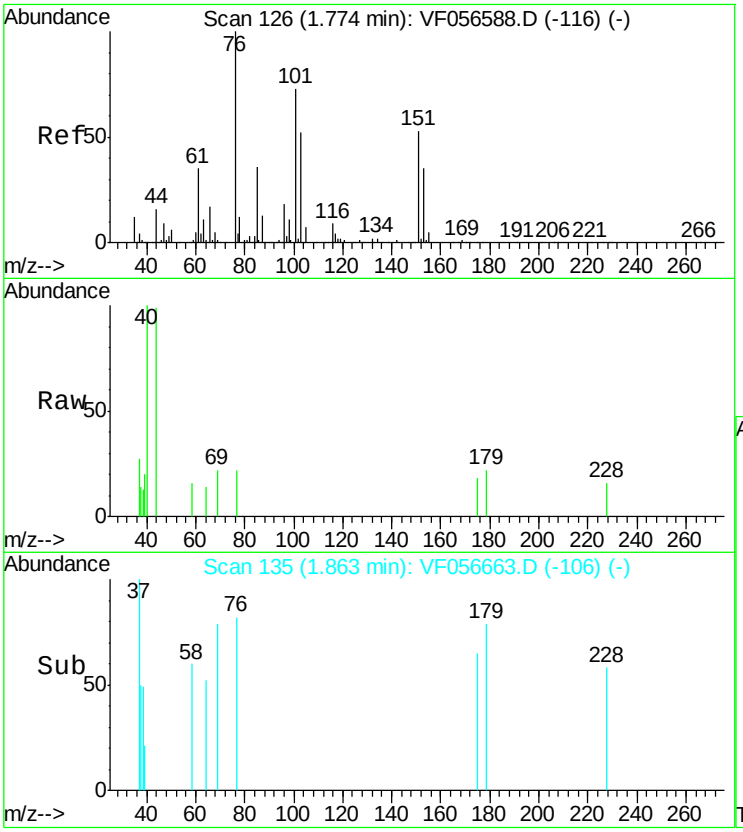


#16
Acetone
Concen: 500.04 ug/l
RT: 2.16 min Scan# 165
Delta R.T. -0.03 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 43 Resp: 153

Ion	Ratio	Lower	Upper
43	100		
58	0.0	14.7	22.1#



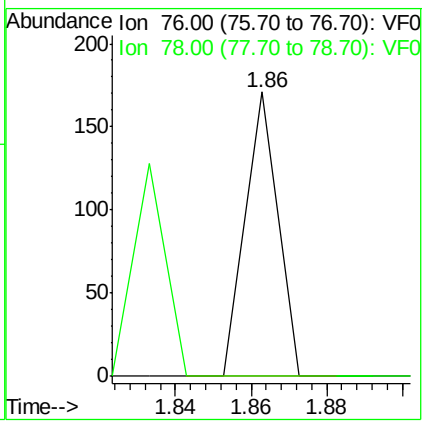


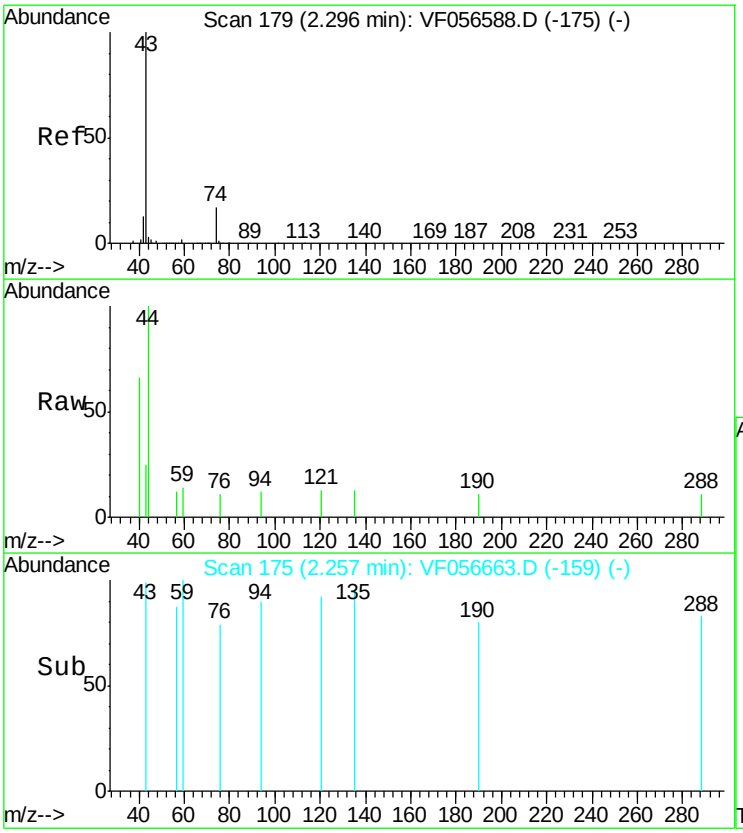
#17
Carbon Disulfide
Concen: 69.30 ug/l
RT: 1.86 min Scan# 135
Delta R.T. 0.09 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion: 76 Resp: 101

Ion	Ratio	Lower	Upper
76	100		
78	0.0	9.5	14.3#

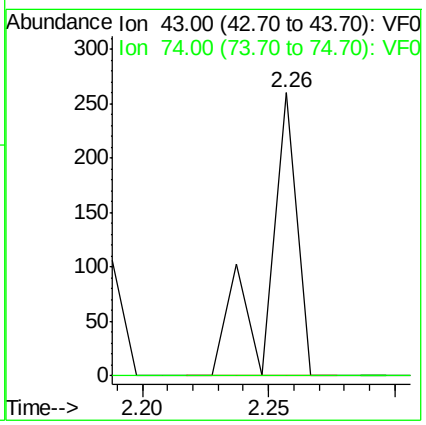


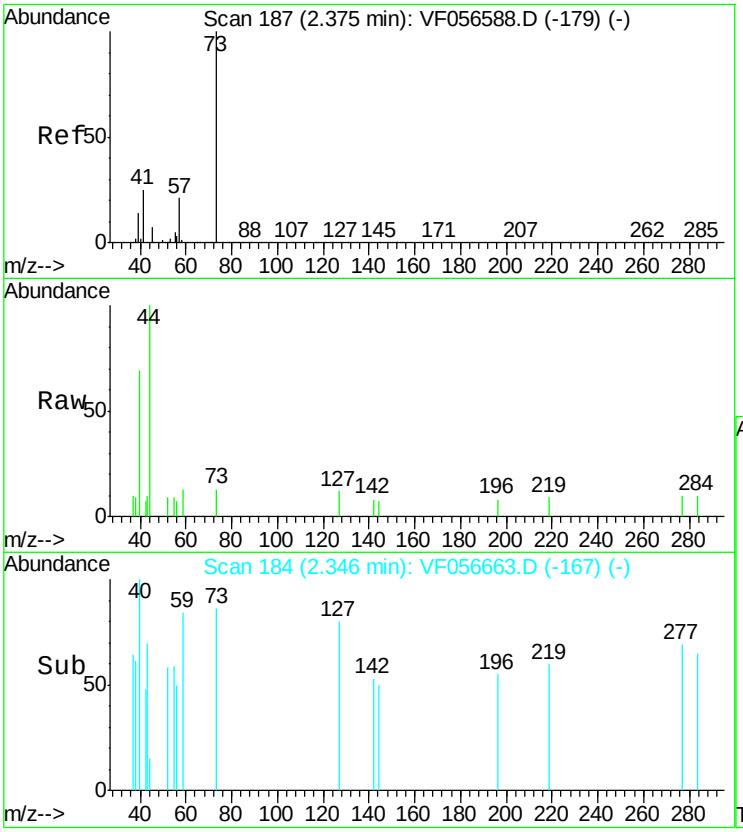


#18
Methyl Acetate
Concen: 378.97 ug/l
RT: 2.26 min Scan# 175
Delta R.T. -0.04 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 43 Resp: 215

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.0	18.0#



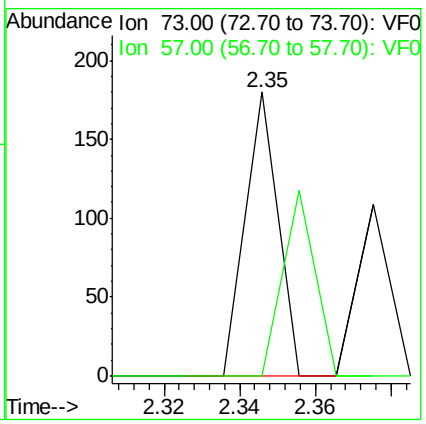


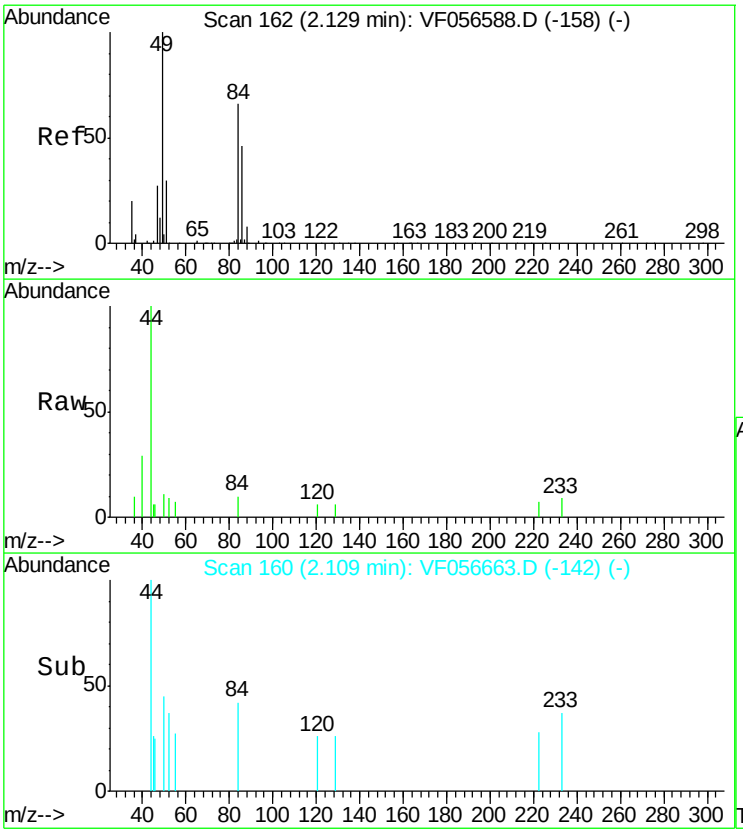
#19
Methyl tert-butyl Ether
Concen: 64.13 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.03 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 73 Resp: 106

Ion	Ratio	Lower	Upper
73	100		
57	0.0	16.7	25.1#

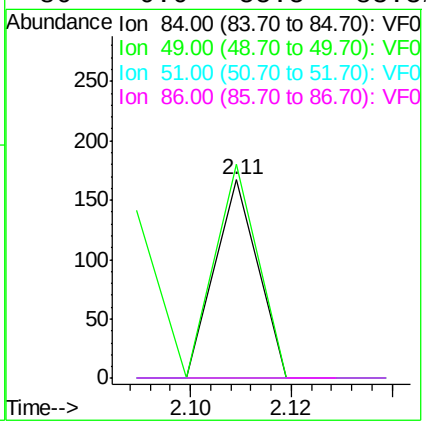


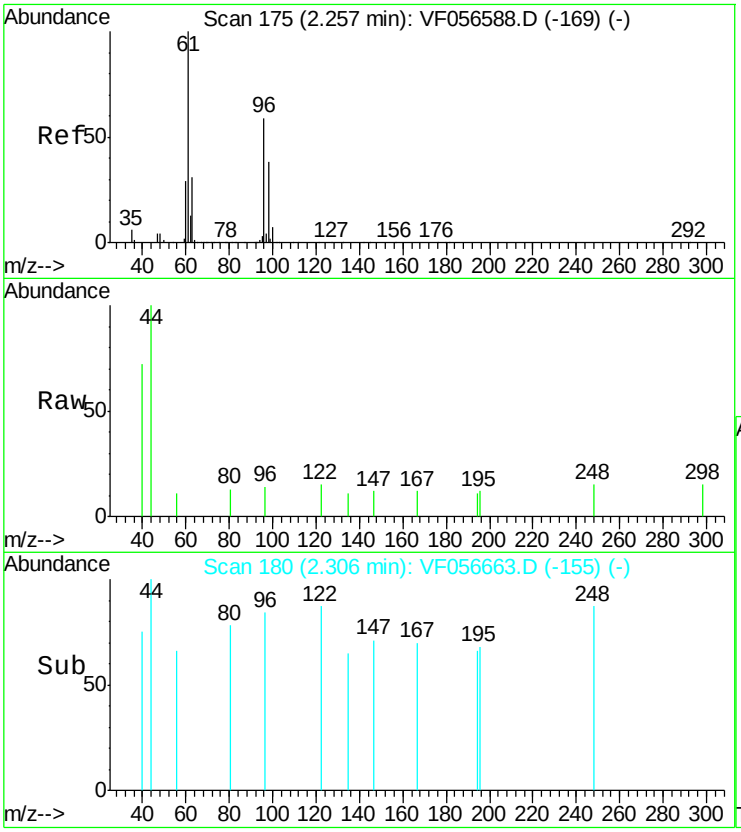


#20
Methylene Chloride
Concen: 169.97 ug/l
RT: 2.11 min Scan# 160
Delta R.T. -0.02 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 84 Resp: 99

Ion	Ratio	Lower	Upper
84	100		
49	107.8	121.4	182.0#
51	0.0	37.1	55.7#
86	0.0	55.5	83.3#



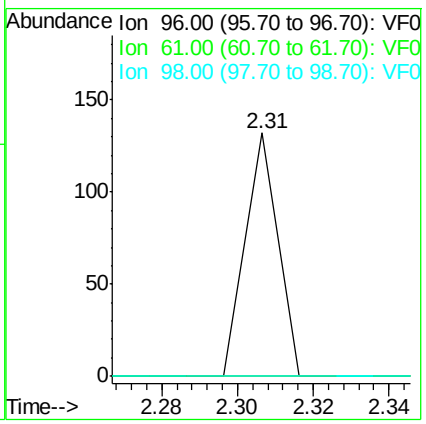


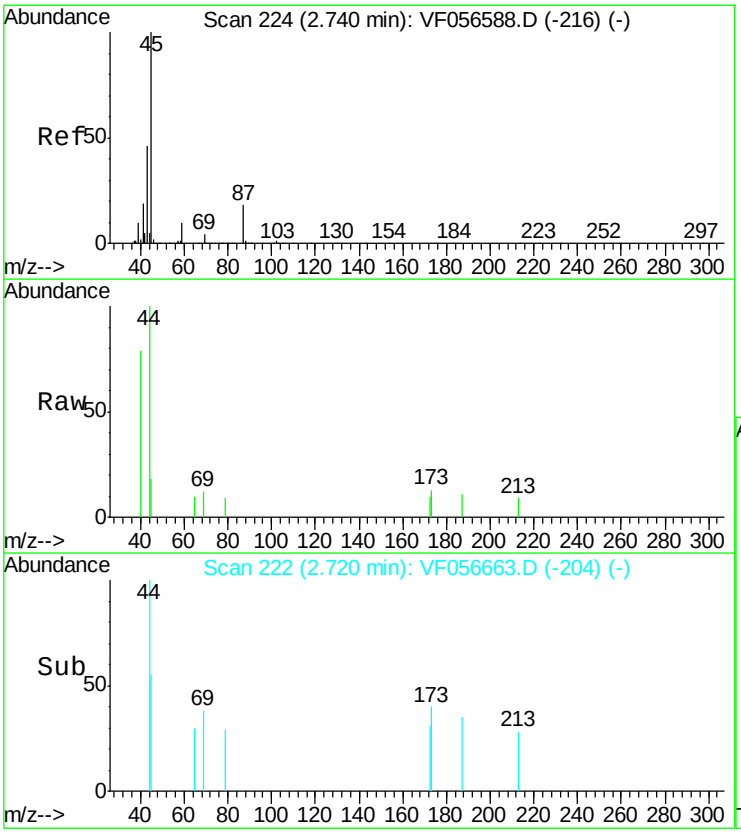
#21
trans-1,2-Dichloroethene
Concen: 132.45 ug/l
RT: 2.31 min Scan# 180
Delta R.T. 0.05 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion: 96 Resp: 78

Ion	Ratio	Lower	Upper
96	100		
61	0.0	136.4	204.6#
98	0.0	51.4	77.0#

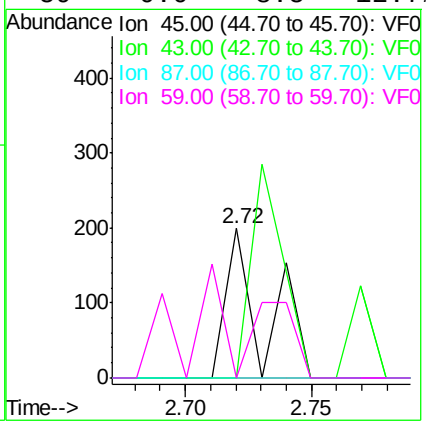


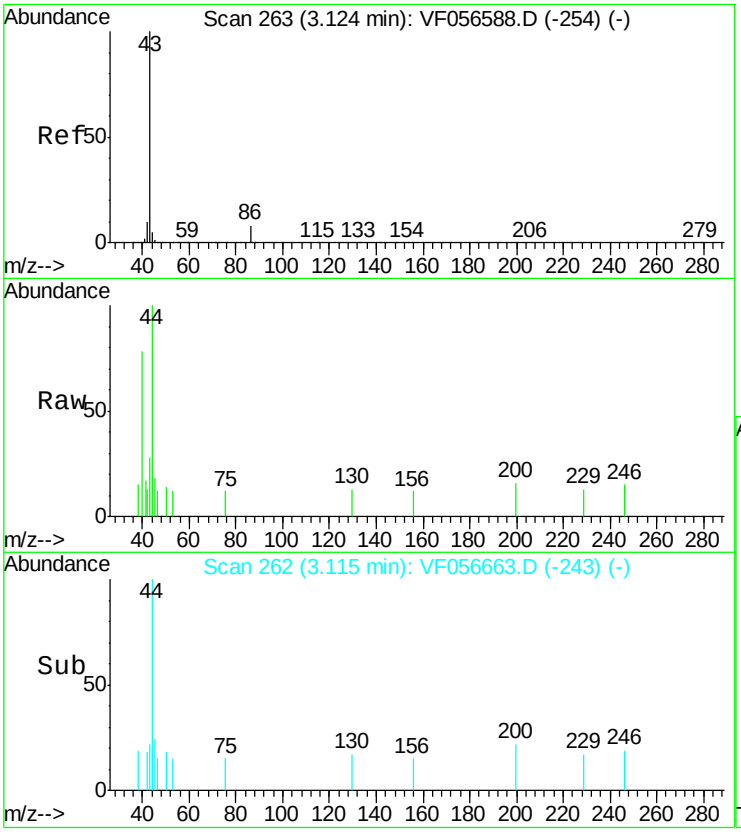


#22
Diisopropyl ether
Concen: 97.04 ug/l
RT: 2.72 min Scan# 222
Delta R.T. -0.02 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 45 Resp: 209

Ion	Ratio	Lower	Upper
45	100		
43	0.0	37.4	56.0#
87	0.0	14.6	22.0#
59	0.0	8.5	12.7#



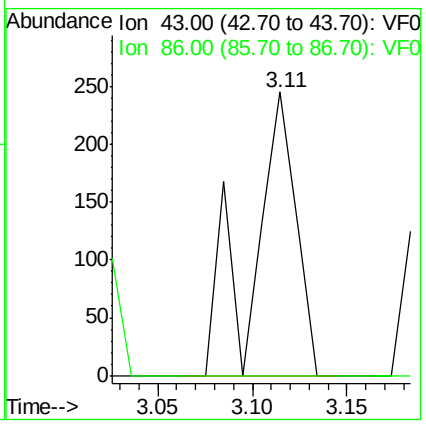


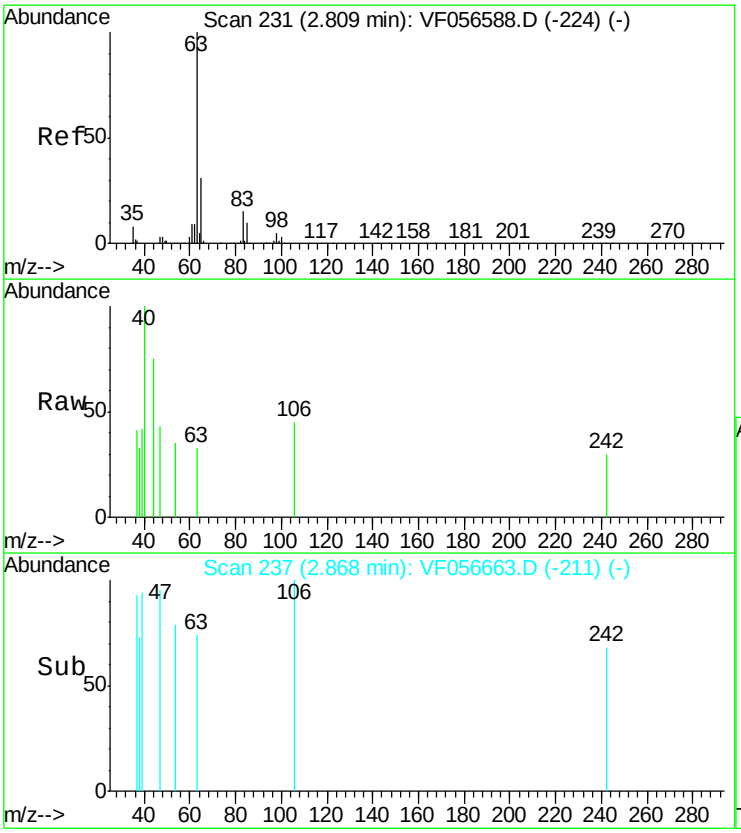
#23
Vinyl Acetate
Concen: 224.83 ug/l
RT: 3.11 min Scan# 262
Delta R.T. -0.01 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 43 Resp: 394

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.6	10.0#

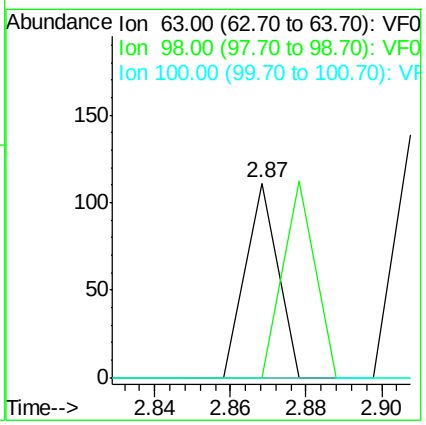


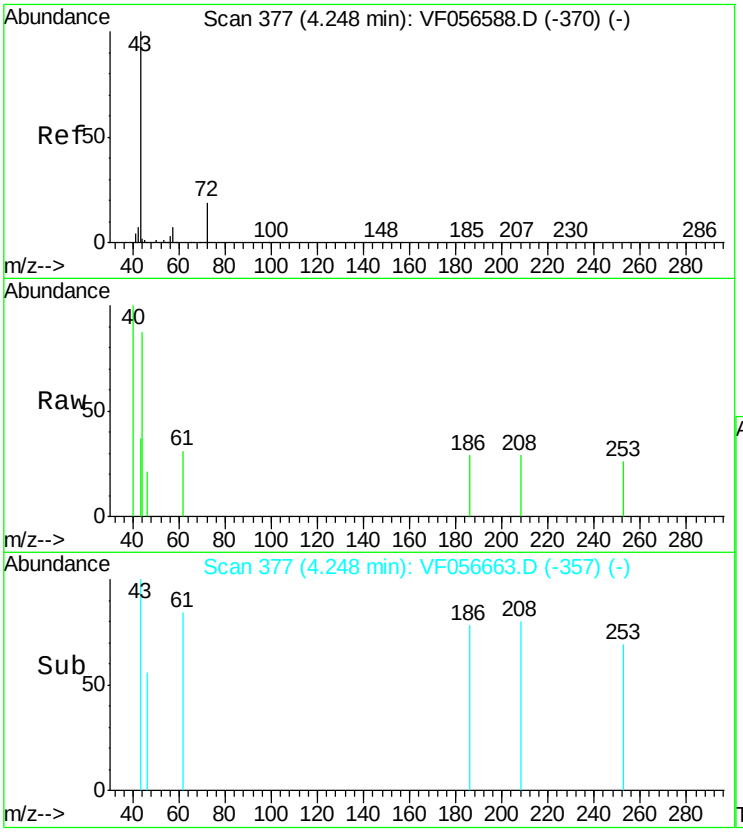


#24
1,1-Dichloroethane
Concen: 55.48 ug/l
RT: 2.87 min Scan# 237
Delta R.T. 0.06 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 63 Resp: 66

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.3	6.8#
100	0.0	1.6	4.7#



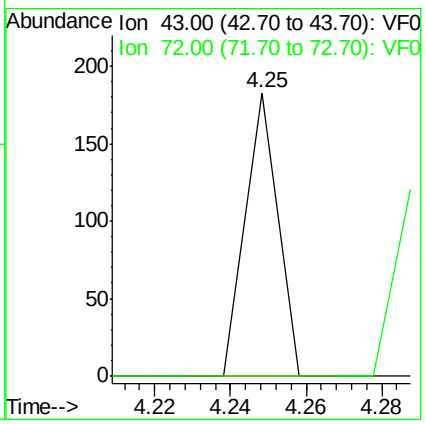


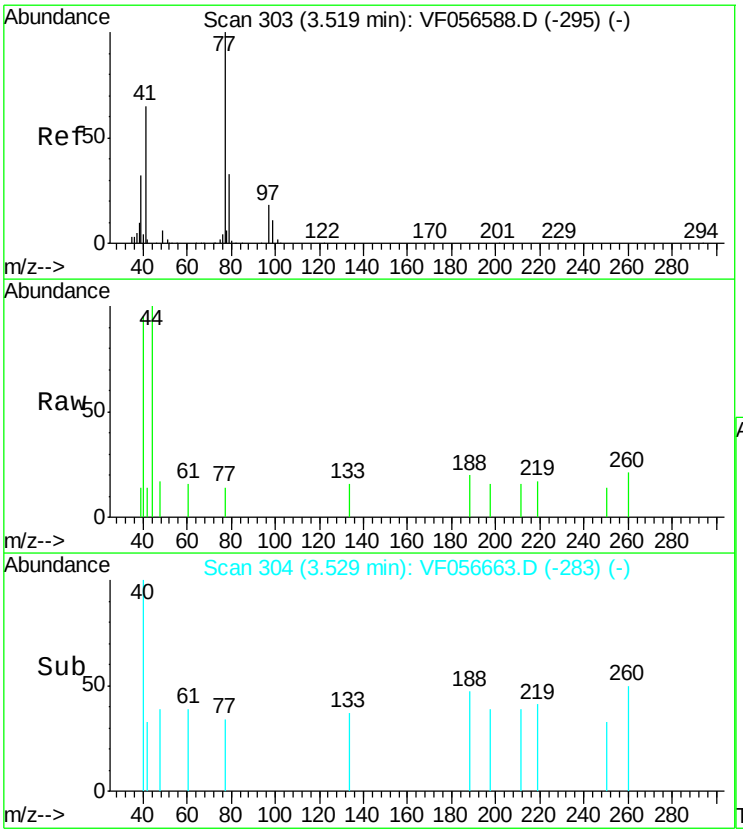
#25
2-Butanone
Concen: 198.49 ug/l
RT: 4.25 min Scan# 377
Delta R.T. 0.00 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion: 43 Resp: 108

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.5	24.7#

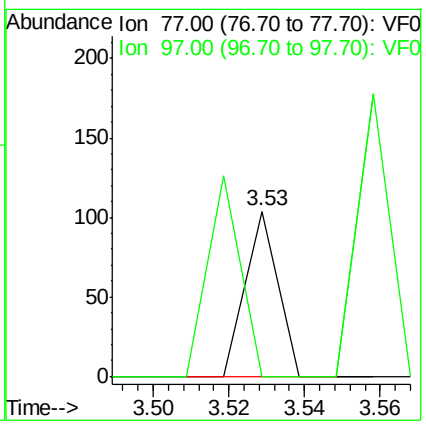


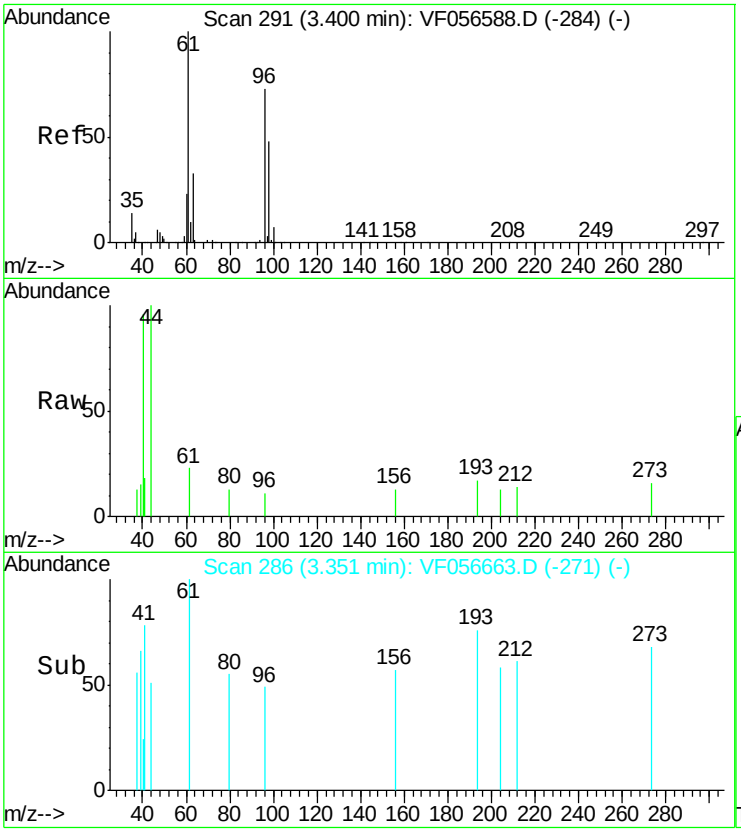


#26
2,2-Dichloropropane
Concen: 94.16 ug/l
RT: 3.53 min Scan# 304
Delta R.T. 0.01 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 77 Resp: 62

Ion	Ratio	Lower	Upper
77	100		
97	0.0	9.8	29.5#



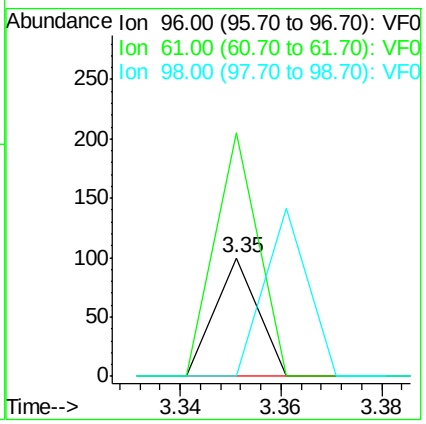


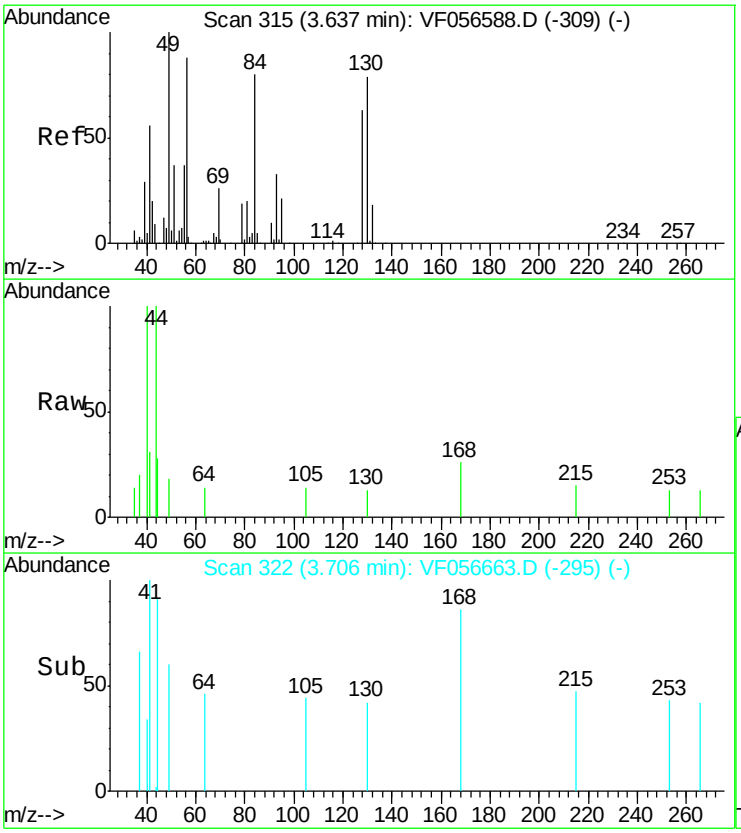
#27
cis-1,2-Dichloroethene
Concen: 59.64 ug/l
RT: 3.35 min Scan# 286
Delta R.T. -0.05 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion: 96 Resp: 59

Ion	Ratio	Lower	Upper
96	100		
61	205.0	0.0	272.6
98	0.0	0.0	131.6

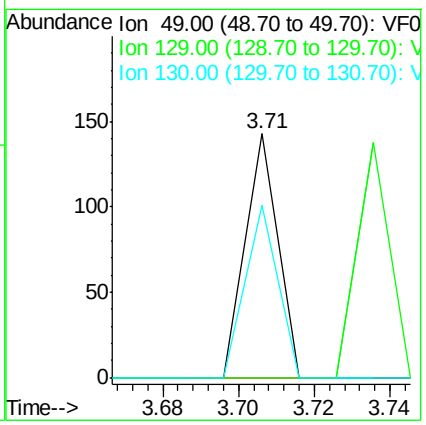


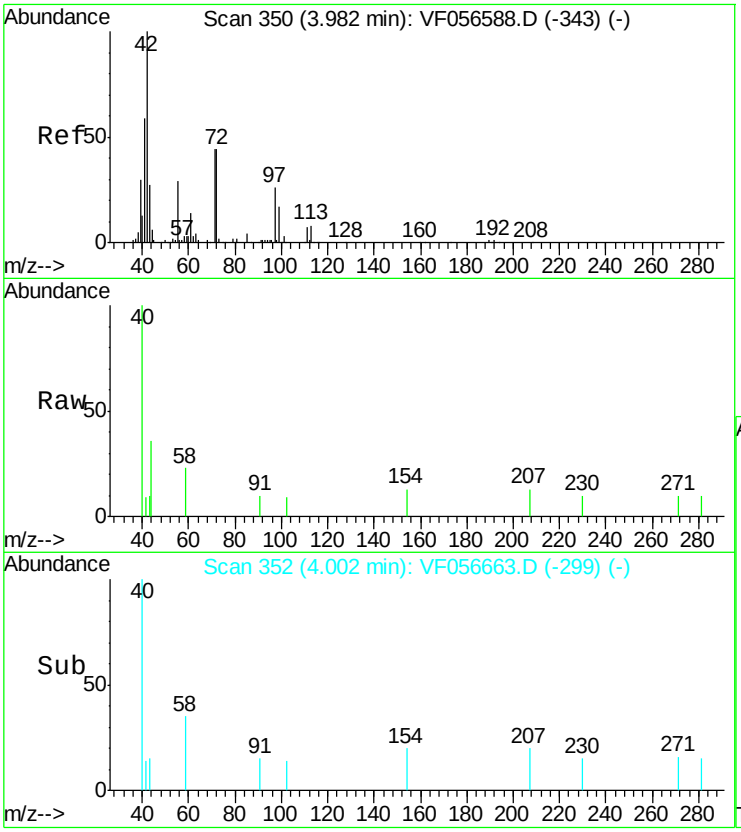


#28
Bromochloromethane
Concen: 152.61 ug/l
RT: 3.71 min Scan# 322
Delta R.T. 0.07 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 49 Resp: 85

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	70.6	63.4	95.0



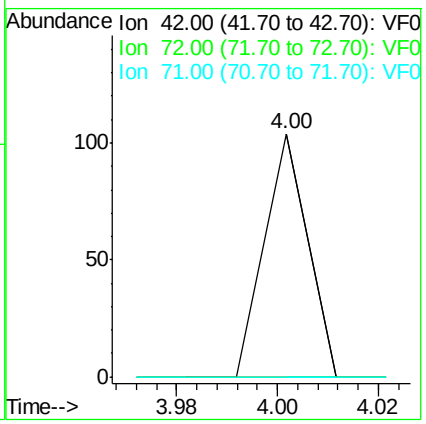


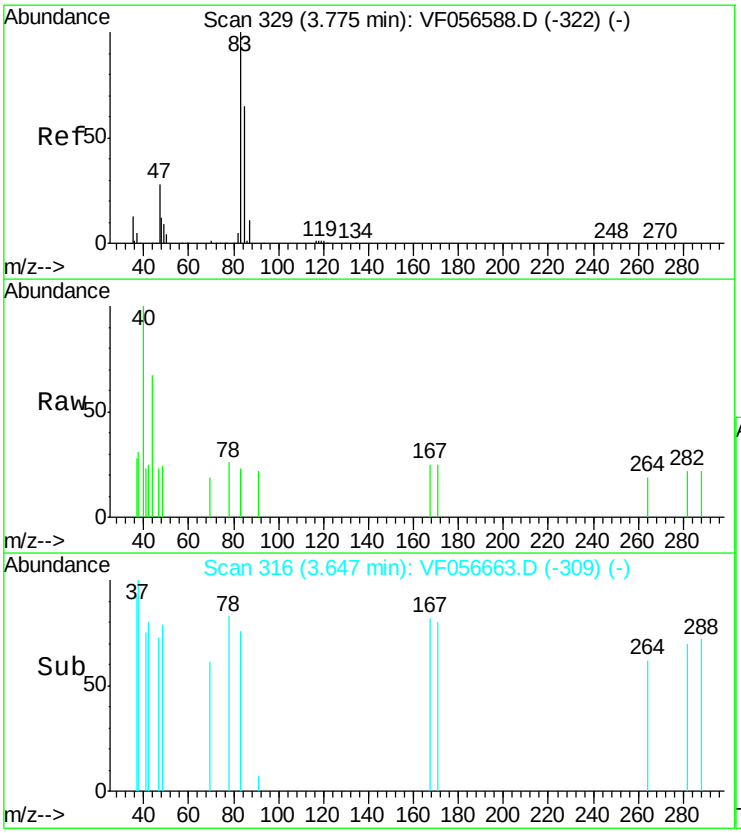
#29
Tetrahydrofuran
Concen: 242.13 ug/l
RT: 4.00 min Scan# 352
Delta R.T. 0.02 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion: 42 Resp: 61

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.1	51.1#
71	0.0	32.8	49.2#

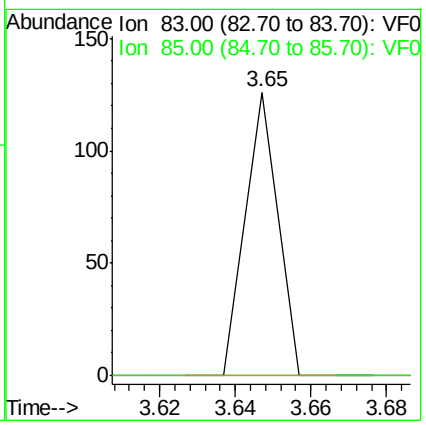


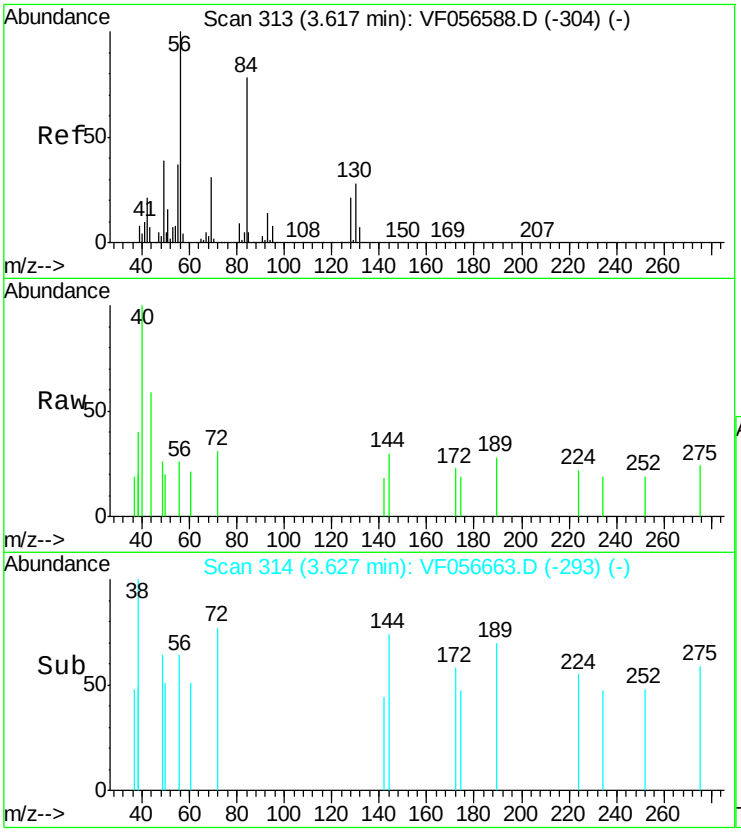


#30
Chloroform
Concen: 44.05 ug/l
RT: 3.65 min Scan# 316
Delta R.T. -0.13 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 83 Resp: 75

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.1	78.1#



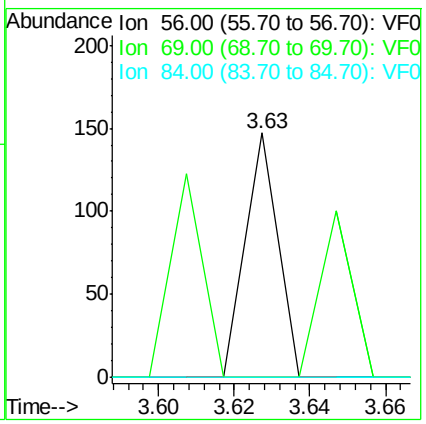


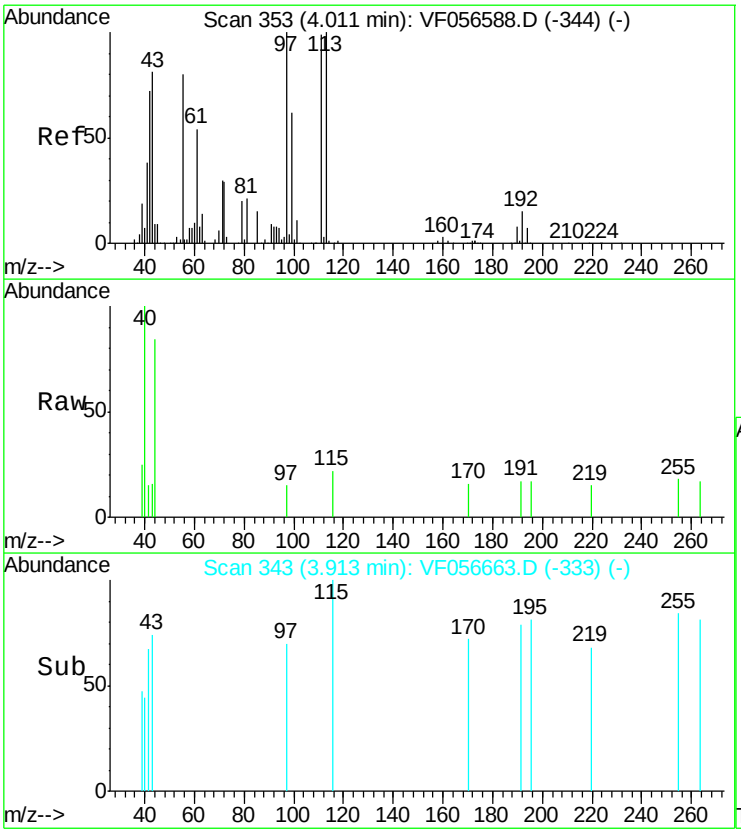
#31
Cyclohexane
Concen: 68.09 ug/l
RT: 3.63 min Scan# 314
Delta R.T. 0.01 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 56 Resp: 87

Ion	Ratio	Lower	Upper
56	100		
69	0.0	24.7	37.1#
84	0.0	62.9	94.3#

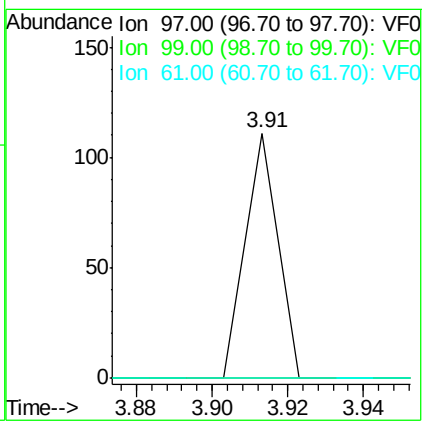


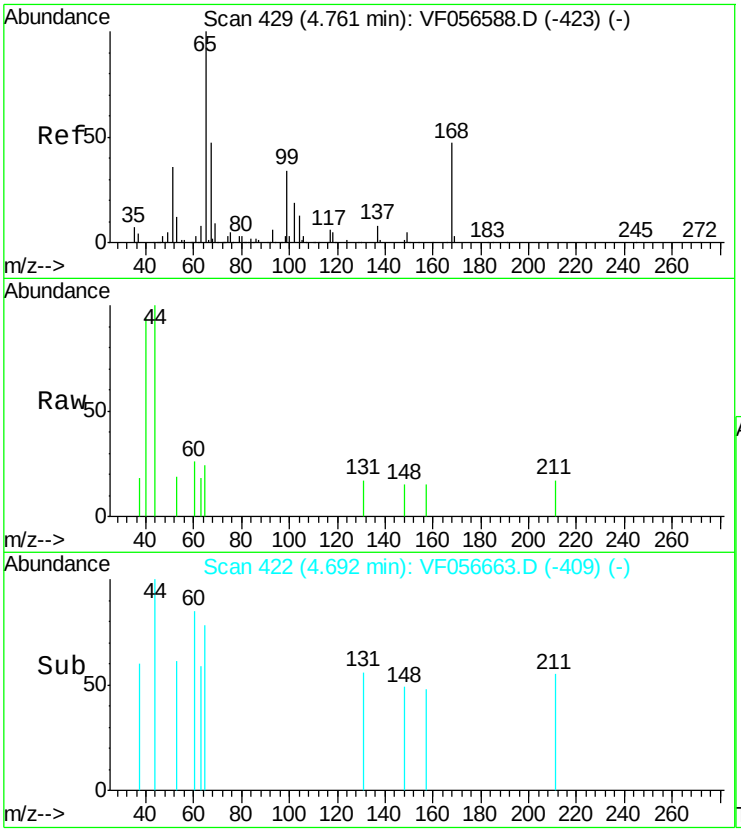


#32
1,1,1-Trichloroethane
Concen: 63.98 ug/l
RT: 3.91 min Scan# 343
Delta R.T. -0.10 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 97 Resp: 66

Ion	Ratio	Lower	Upper
97	100		
99	0.0	49.4	74.2#
61	0.0	43.9	65.9#



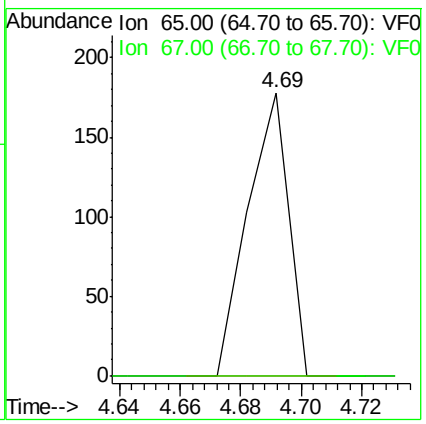


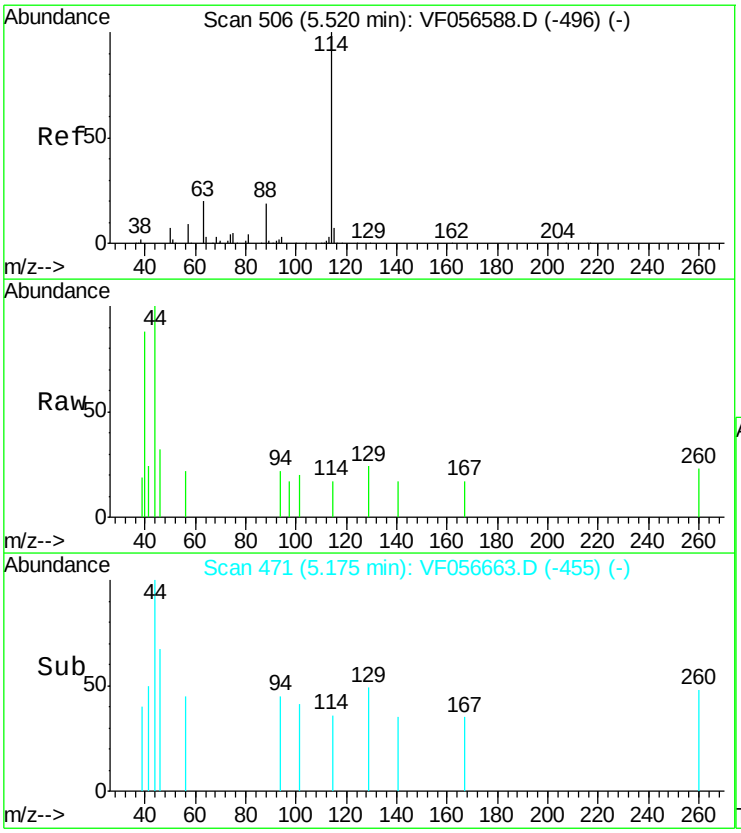
#33
1,2-Dichloroethane-d4
Concen: 159.66 ug/l
RT: 4.69 min Scan# 422
Delta R.T. -0.07 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 65 Resp: 166

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	103.0

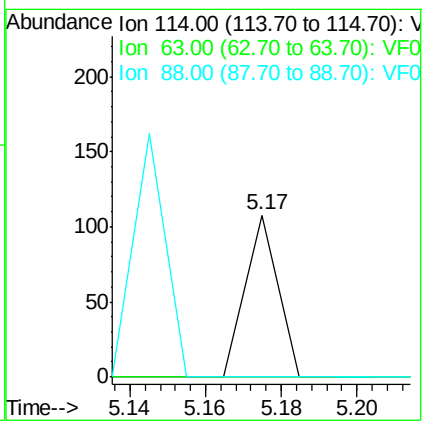


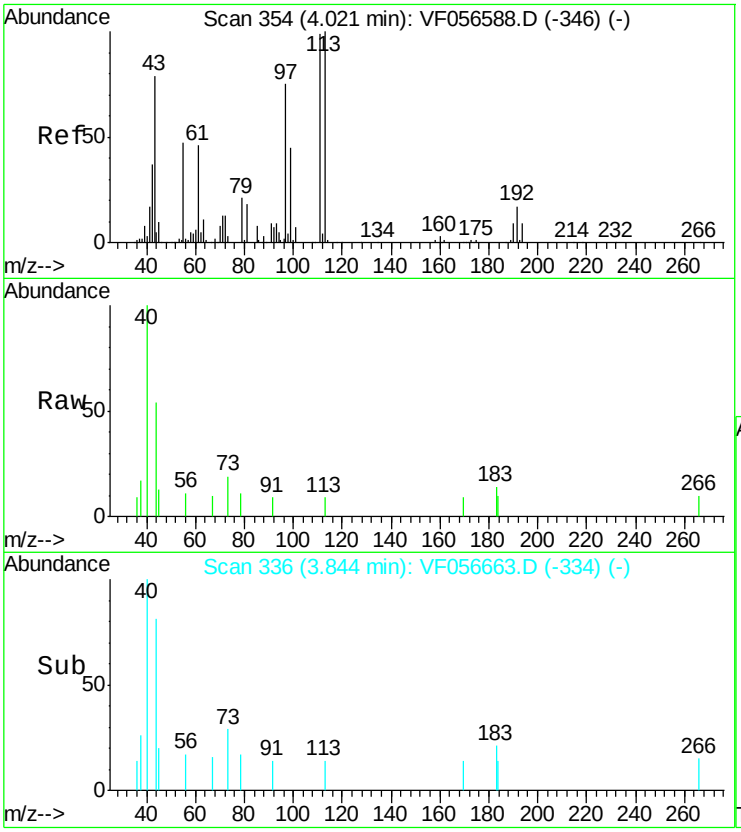


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.17 min Scan# 471
Delta R.T. -0.34 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion:114 Resp: 64

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	40.6
88	0.0	0.0	37.8



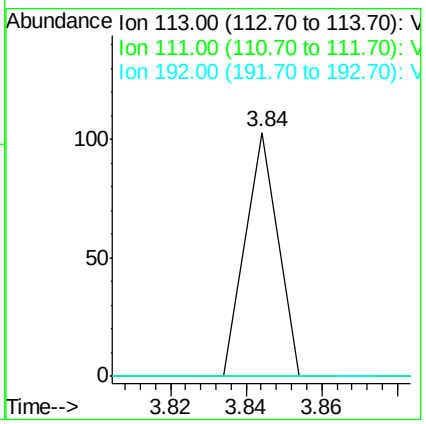


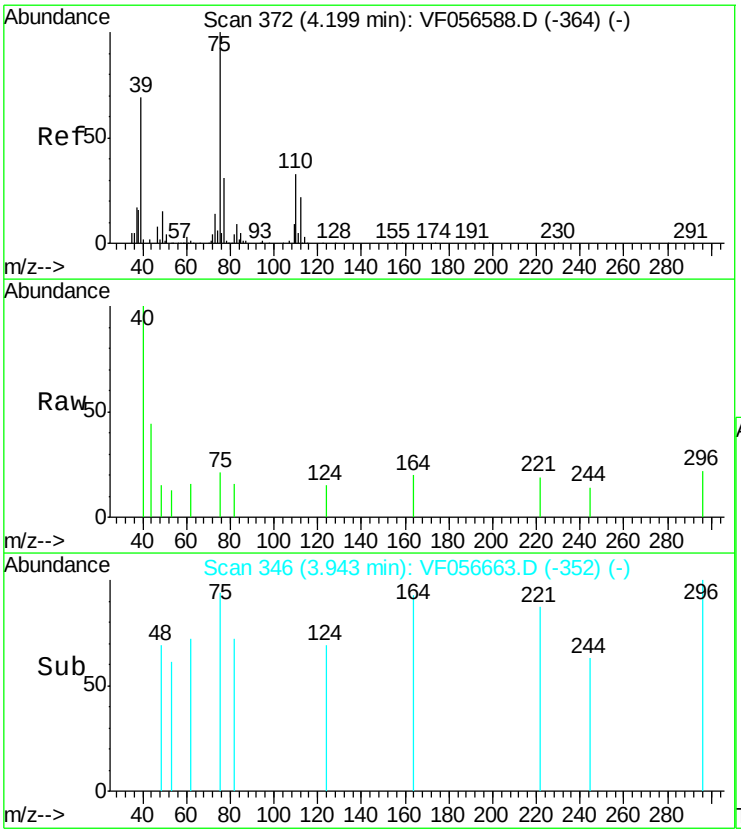
#35
Dibromofluoromethane
Concen: 126.73 ug/l
RT: 3.84 min Scan# 336
Delta R.T. -0.18 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion:113 Resp: 61

Ion	Ratio	Lower	Upper
113	100		
111	0.0	79.1	118.7#
192	0.0	13.9	20.9#

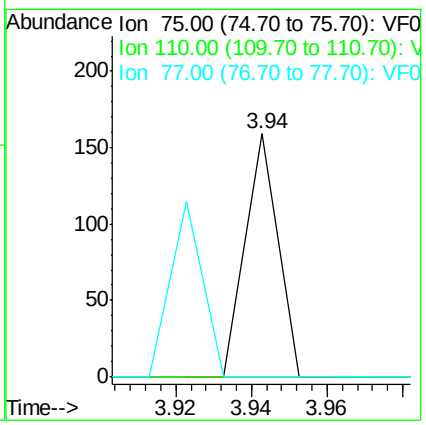


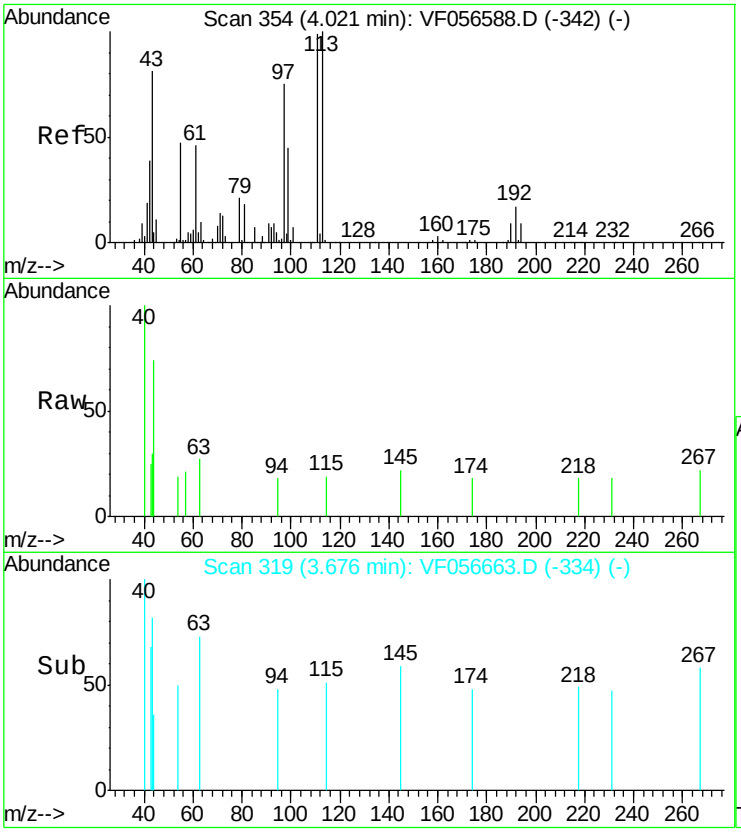


#36
1,1-Dichloropropene
Concen: 155.98 ug/l
RT: 3.94 min Scan# 346
Delta R.T. -0.26 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 75 Resp: 94

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.6	49.7#
77	0.0	24.5	36.7#



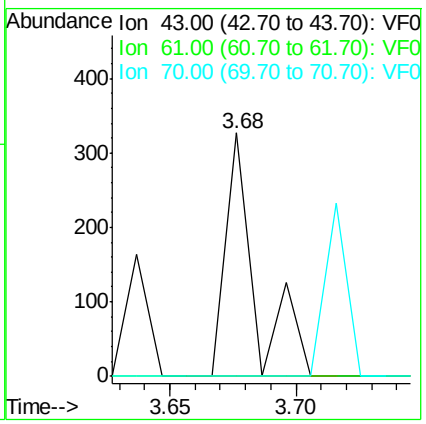


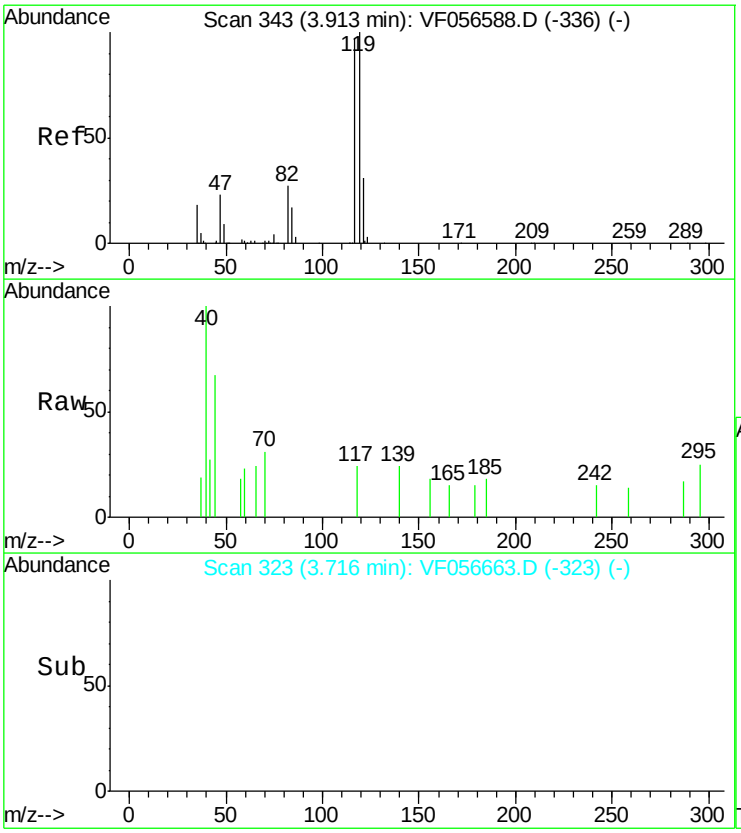
#37
Ethyl Acetate
Concen: 497.35 ug/l
RT: 3.68 min Scan# 319
Delta R.T. -0.34 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion: 43 Resp: 268

Ion	Ratio	Lower	Upper
43	100		
61	0.0	45.4	68.2#
70	0.0	8.8	13.2#

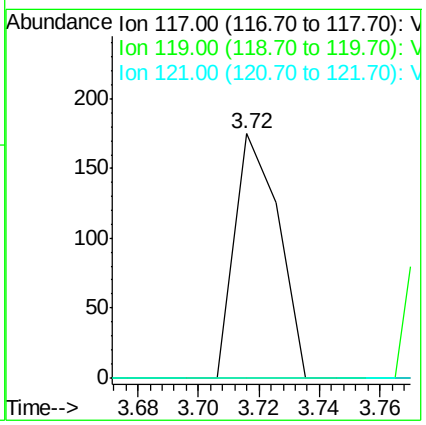


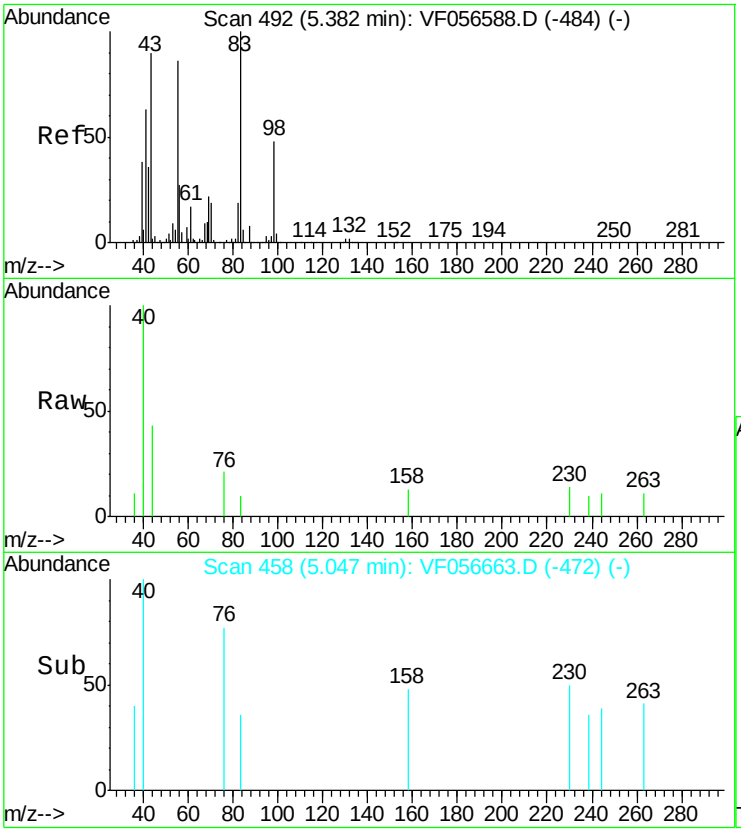


#38
Carbon Tetrachloride
Concen: 396.79 ug/l
RT: 3.72 min Scan# 323
Delta R.T. -0.20 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion:117 Resp: 178

Ion	Ratio	Lower	Upper
117	100		
119	0.0	82.2	123.4#
121	0.0	25.8	38.6#



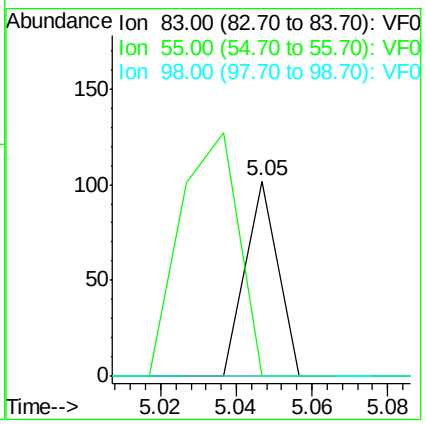


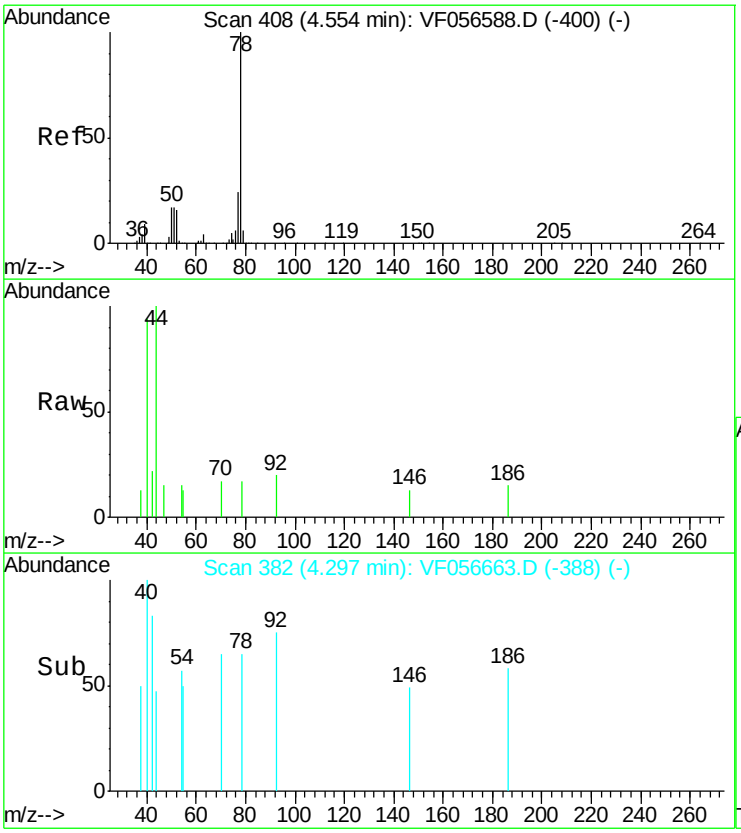
#39
Methylcyclohexane
Concen: 92.06 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.33 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 83 Resp: 60

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.7	103.1#
98	0.0	38.0	57.0#

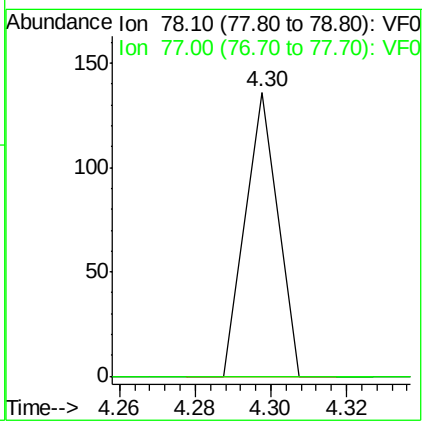


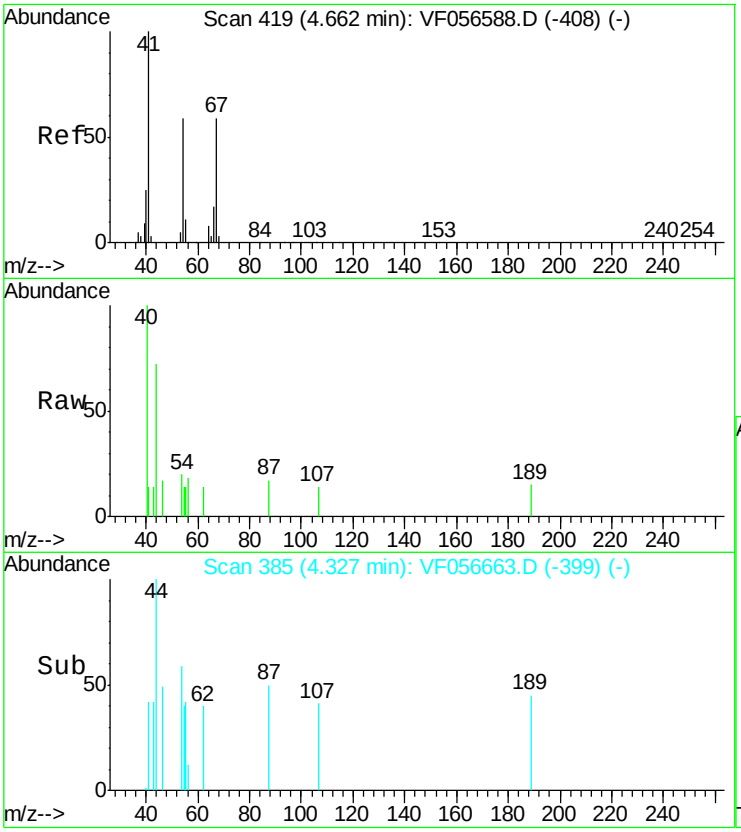


#40
Benzene
Concen: 52.35 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.26 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 78 Resp: 80

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.0	28.6#



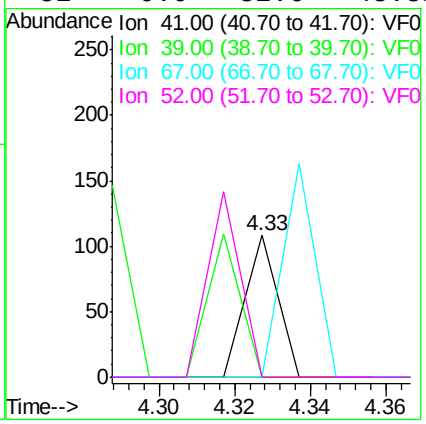


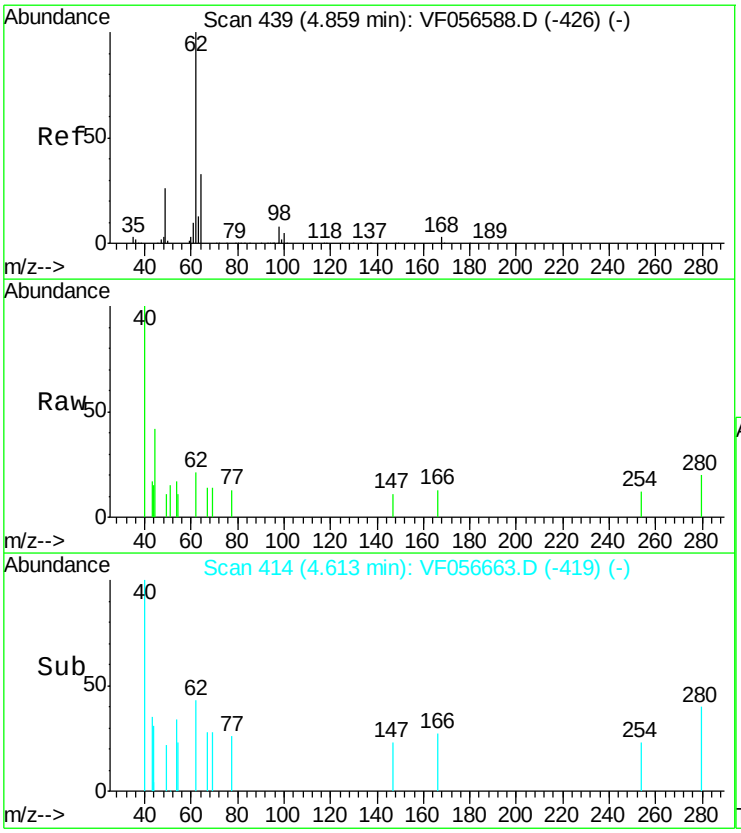
#41
Methacrylonitrile
Concen: 244.71 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.33 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 41 Resp: 64

Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.2	72.4#
67	0.0	46.9	70.3#
52	0.0	32.6	48.8#

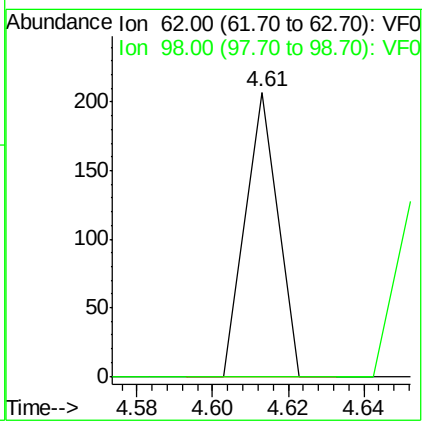


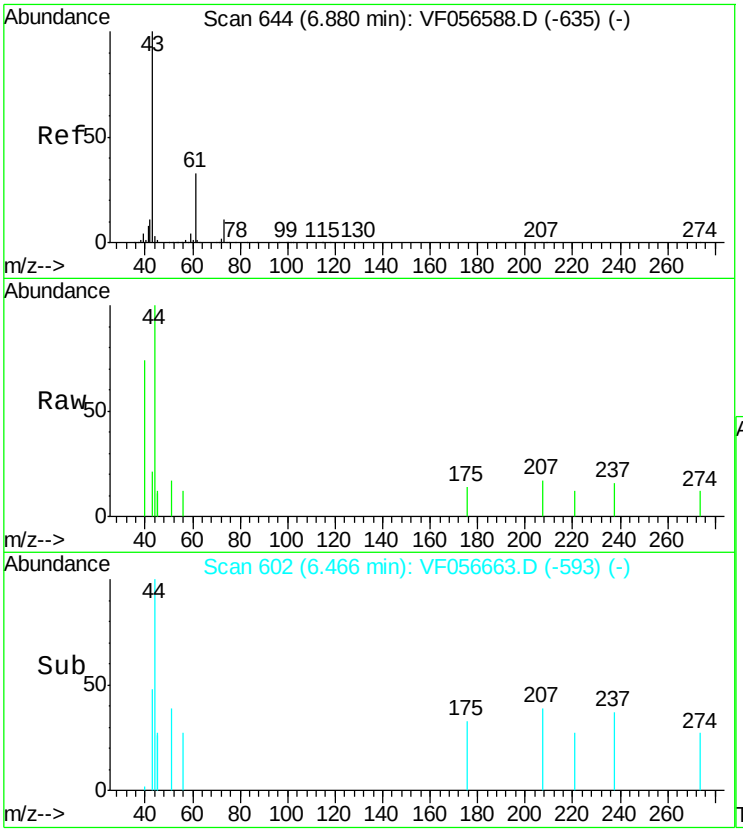


#42
1,2-Dichloroethane
Concen: 205.37 ug/l
RT: 4.61 min Scan# 414
Delta R.T. -0.25 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 62 Resp: 122

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0



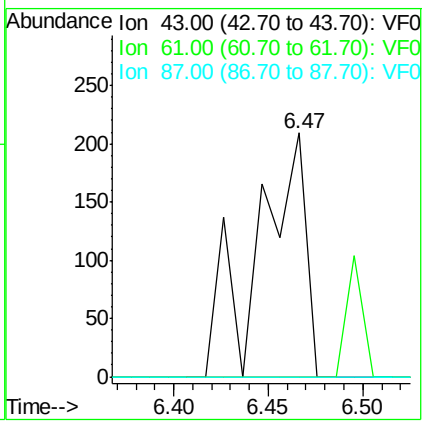


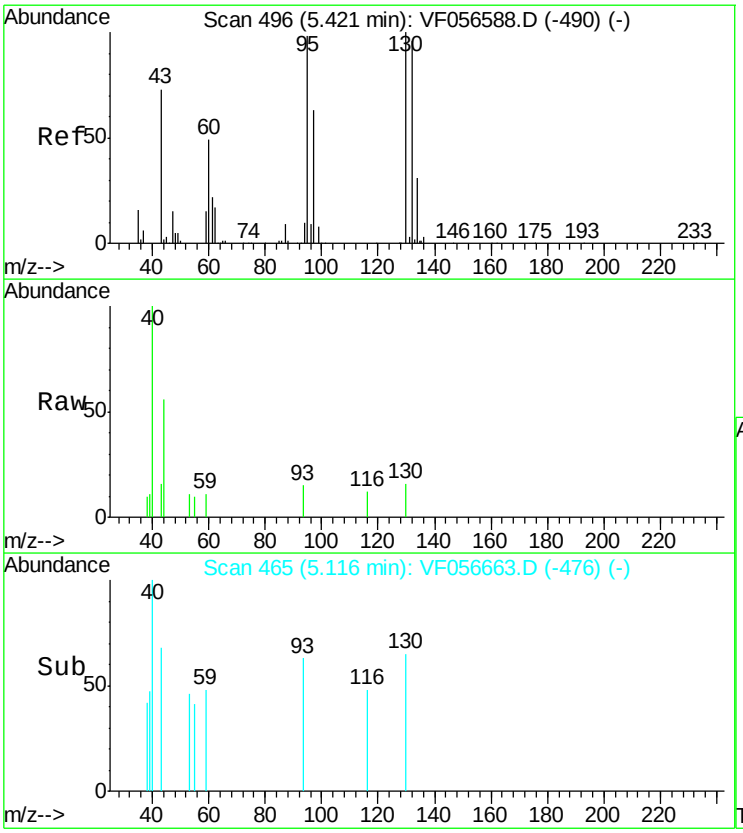
#43
Isopropyl Acetate
Concen: 564.64 ug/l
RT: 6.47 min Scan# 602
Delta R.T. -0.41 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 43 Resp: 373

Ion	Ratio	Lower	Upper
43	100		
61	0.0	26.5	39.7#
87	0.0	0.2	0.4#

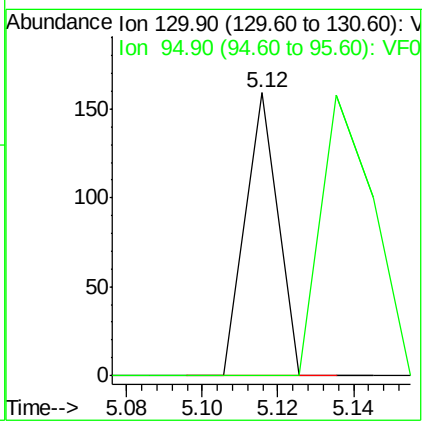


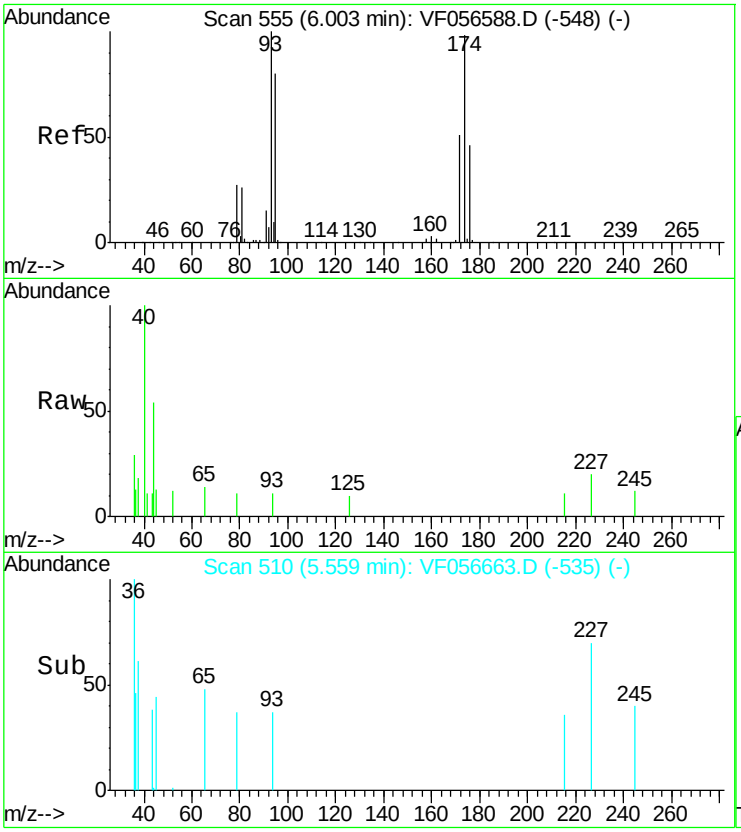


#44
Trichloroethene
Concen: 209.61 ug/l
RT: 5.12 min Scan# 465
Delta R.T. -0.31 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion:130 Resp: 94

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	195.8



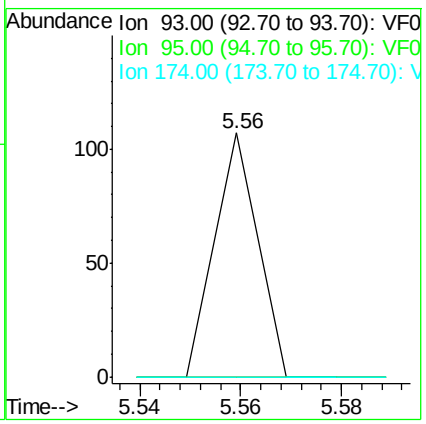


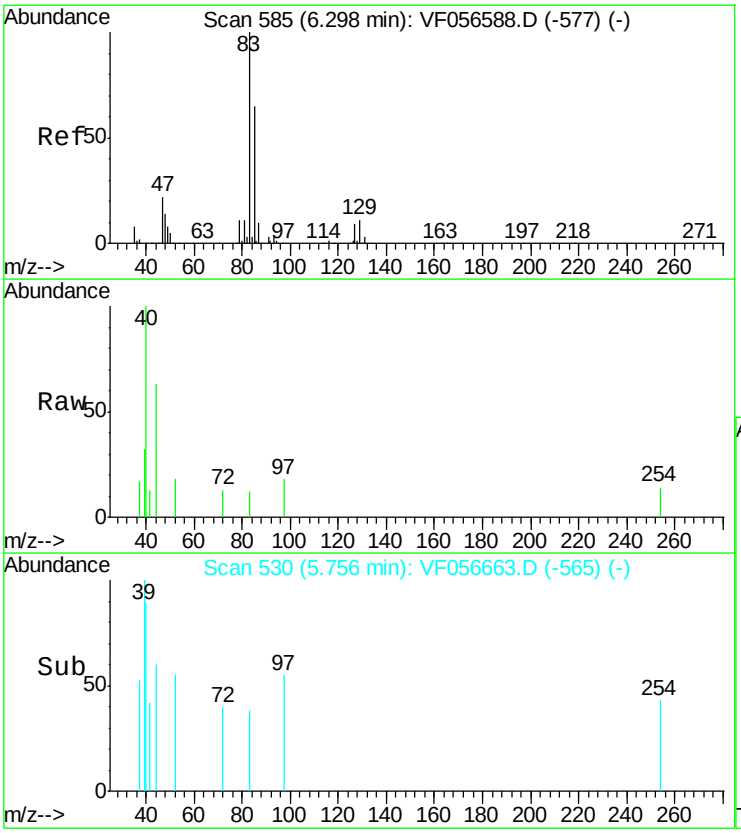
#46
Dibromomethane
Concen: 188.06 ug/l
RT: 5.56 min Scan# 510
Delta R.T. -0.44 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 93 Resp: 63

Ion	Ratio	Lower	Upper
93	100		
95	0.0	63.9	95.9#
174	0.0	78.6	118.0#

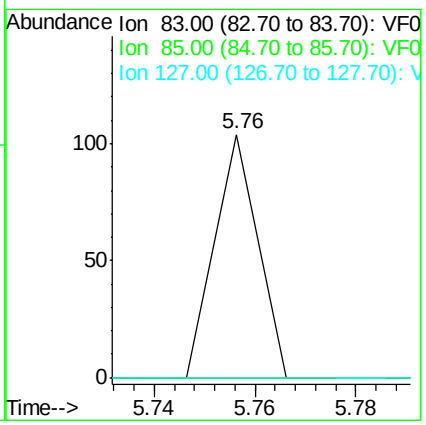


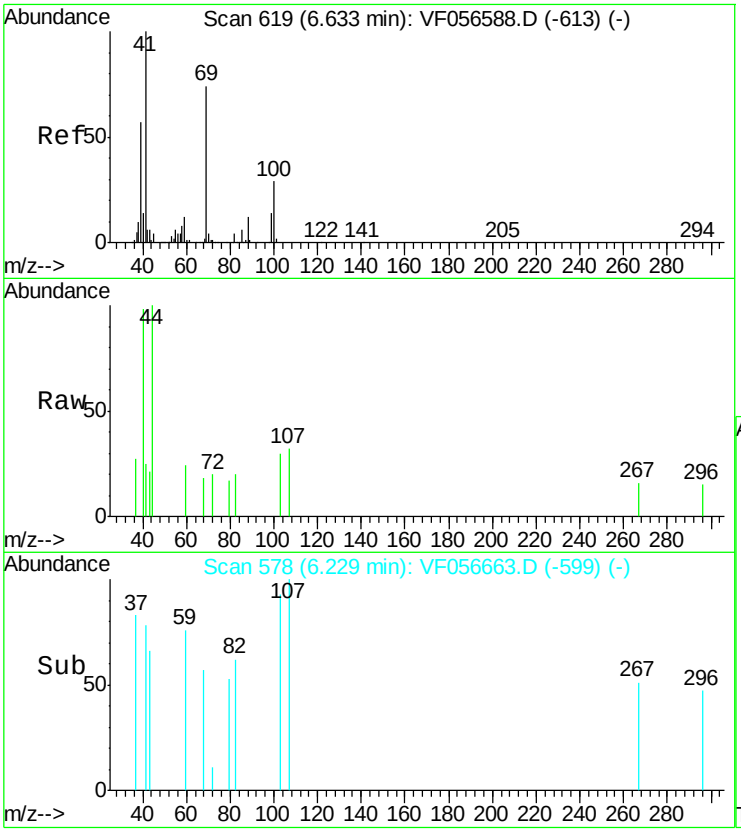


#47
Bromodichloromethane
Concen: 100.15 ug/l
RT: 5.76 min Scan# 530
Delta R.T. -0.54 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 83 Resp: 62

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.1	78.1#
127	0.0	7.0	10.4#



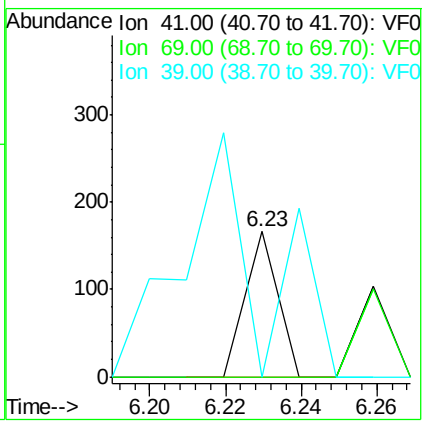


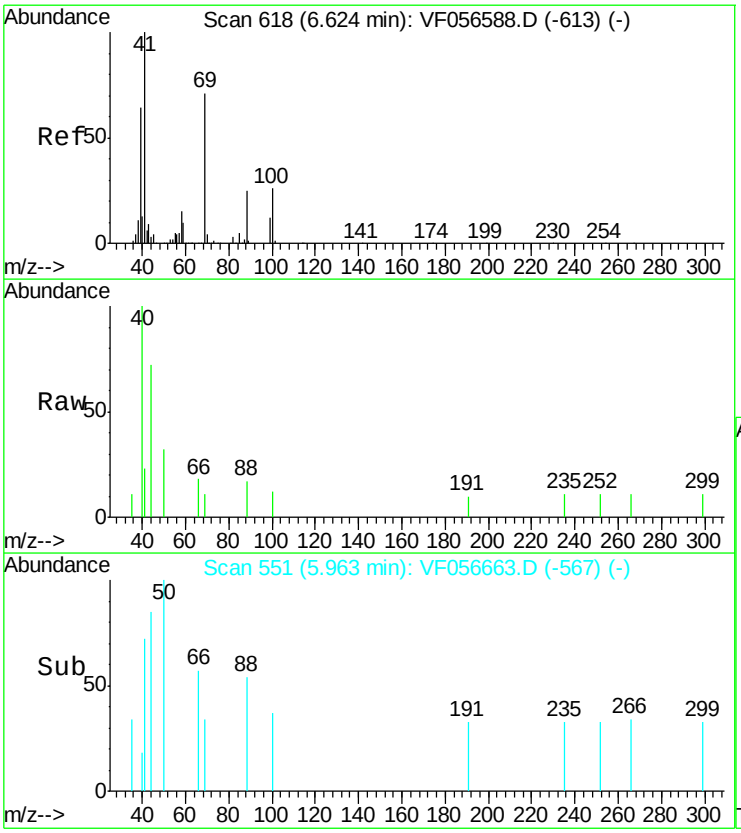
#48
Methyl methacrylate
Concen: 253.18 ug/l
RT: 6.23 min Scan# 578
Delta R.T. -0.40 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion: 41 Resp: 98

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.8	88.2#
39	0.0	46.1	69.1#

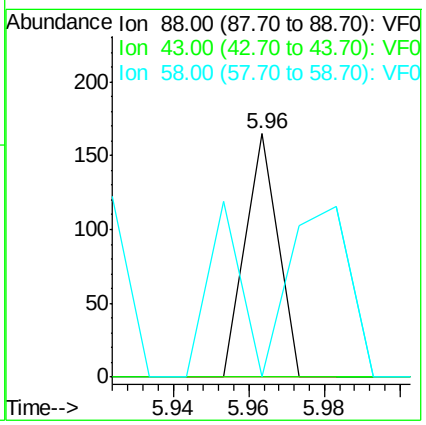


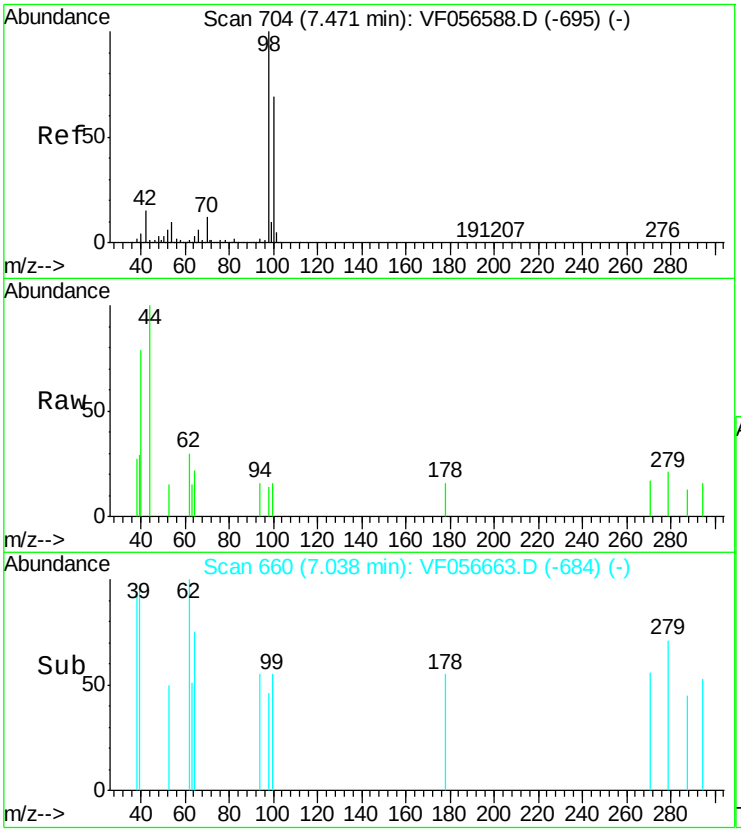


#49
1,4-Dioxane
Concen: 24560.60 ug/l
RT: 5.96 min Scan# 551
Delta R.T. -0.66 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 88 Resp: 98

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.8	46.2#
58	0.0	49.8	74.6#



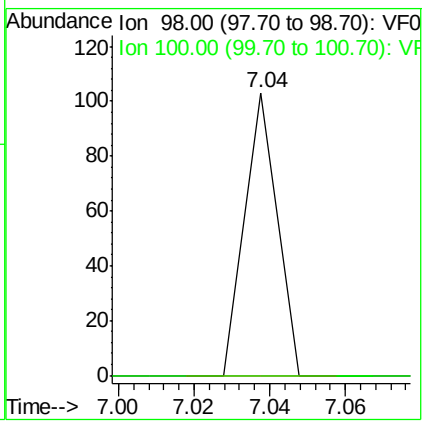


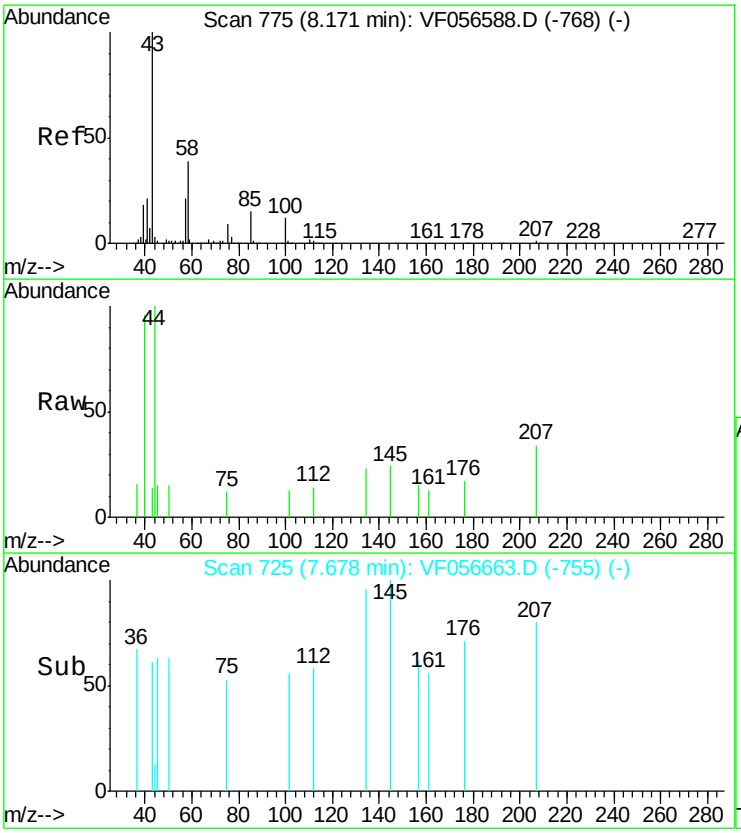
#50
Toluene-d8
Concen: 42.28 ug/l
RT: 7.04 min Scan# 660
Delta R.T. -0.43 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion: 98 Resp: 61

Ion	Ratio	Lower	Upper
98	100		
100	0.0	55.4	83.0#

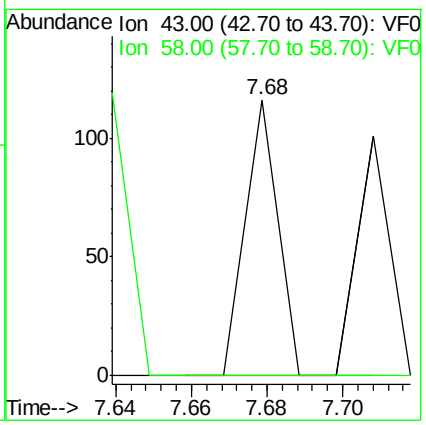


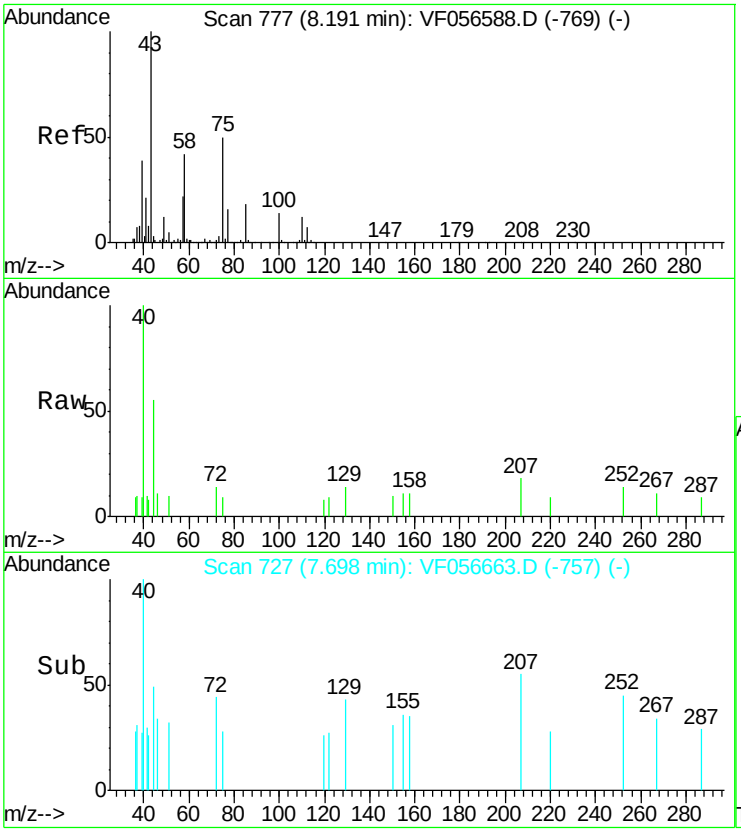


#51
4-Methyl-2-Pentanone
Concen: 152.70 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.49 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 43 Resp: 69

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.9	46.3#



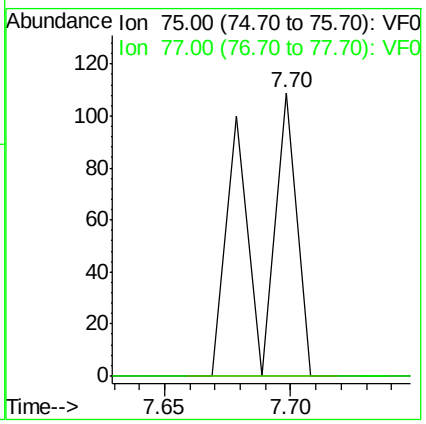


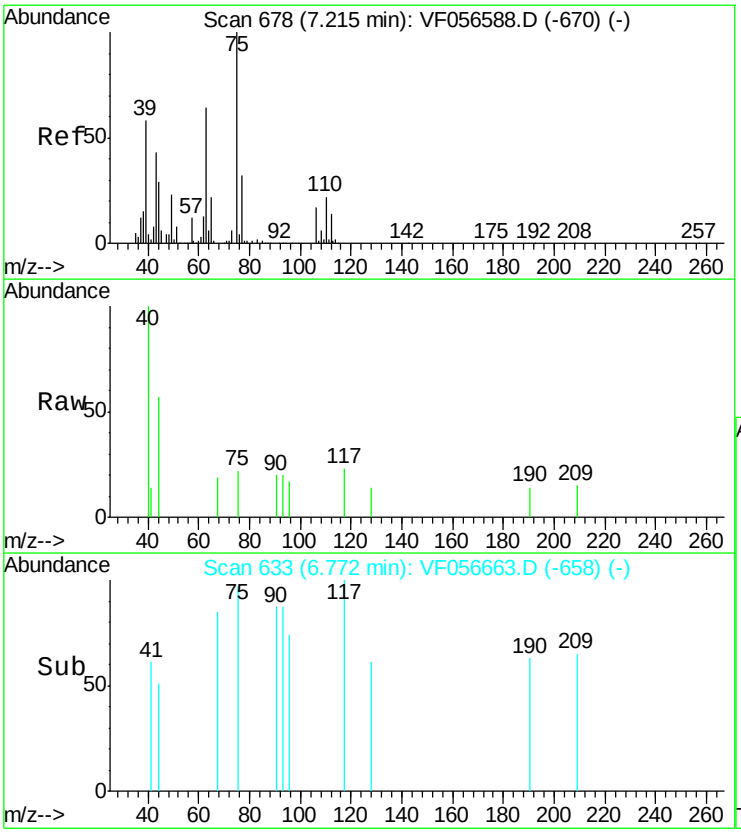
#53
t-1,3-Dichloropropene
Concen: 198.86 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.49 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 75 Resp: 124

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#

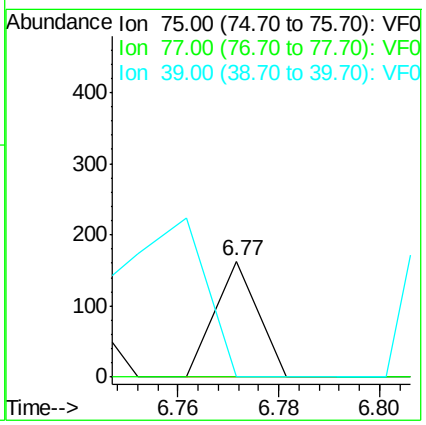


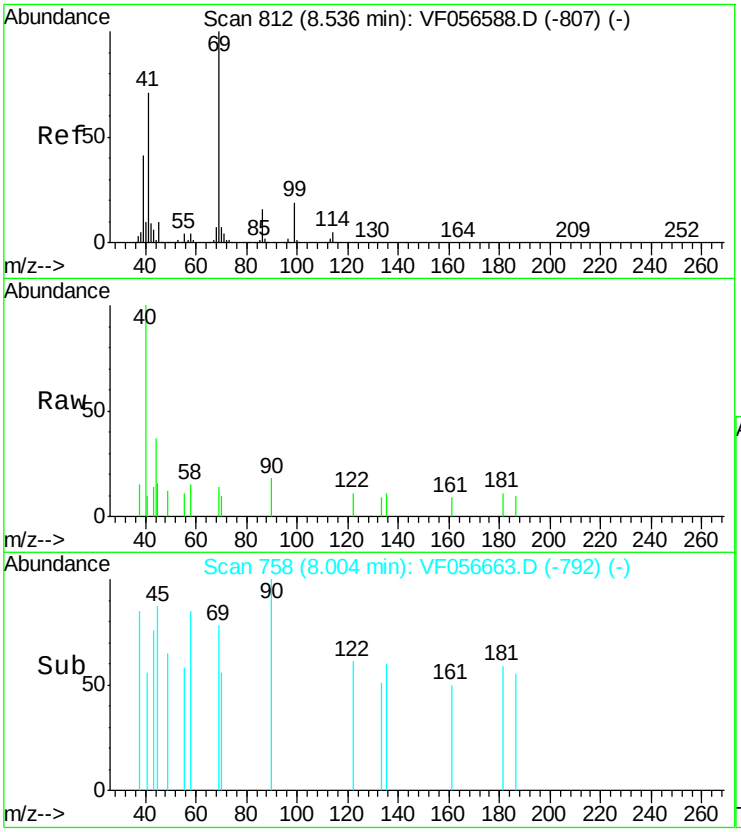


#54
cis-1,3-Dichloropropene
Concen: 132.31 ug/l
RT: 6.77 min Scan# 633
Delta R.T. -0.44 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 75 Resp: 96

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	0.0	47.0	70.6#



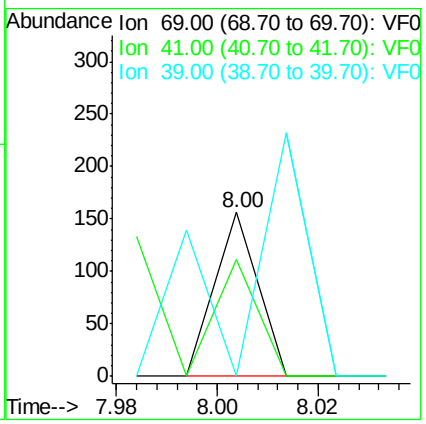


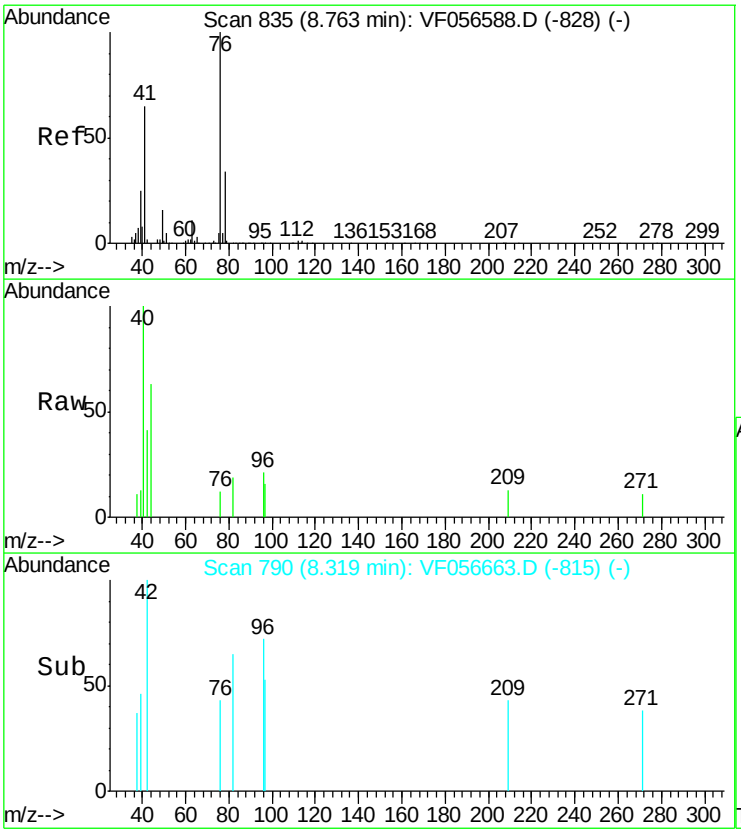
#56
Ethyl methacrylate
Concen: 174.73 ug/l
RT: 8.00 min Scan# 758
Delta R.T. -0.53 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 69 Resp: 92

Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.2	85.8
39	0.0	33.0	49.6#

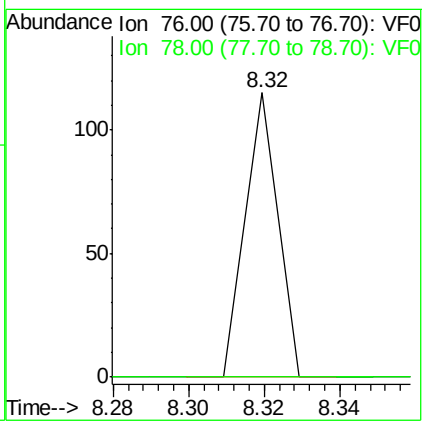


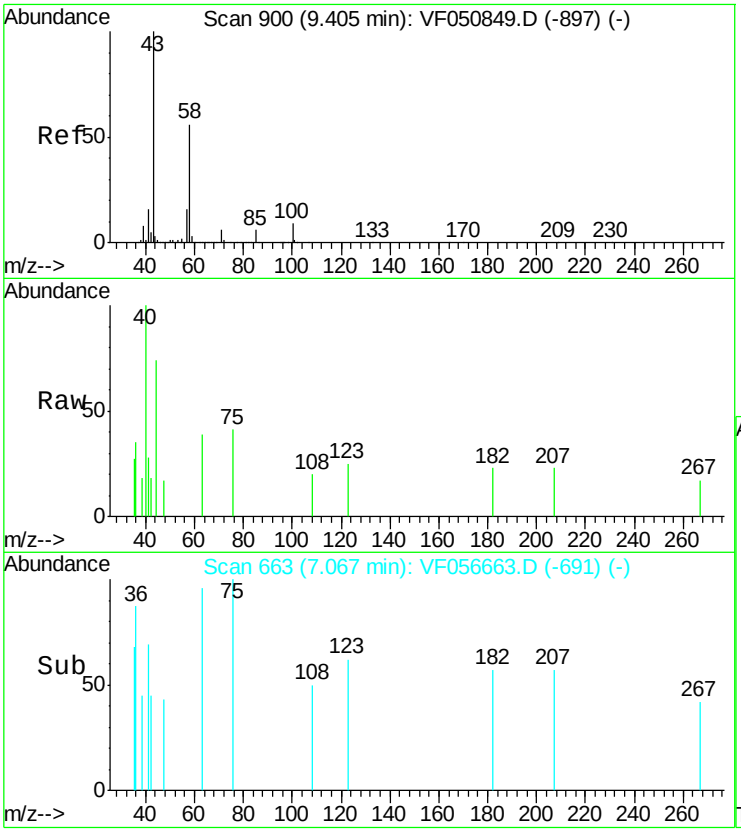


#57
1,3-Dichloropropane
Concen: 96.99 ug/l
RT: 8.32 min Scan# 790
Delta R.T. -0.44 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 76 Resp: 68

Ion	Ratio	Lower	Upper
76	100		
78	0.0	27.0	40.6#



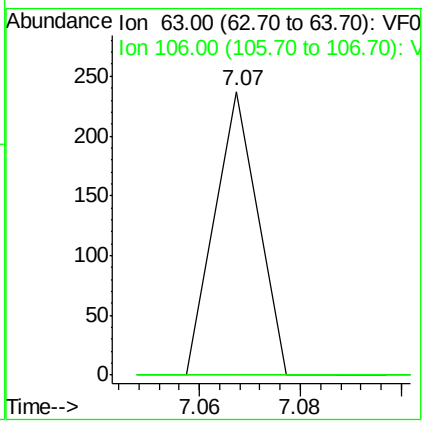


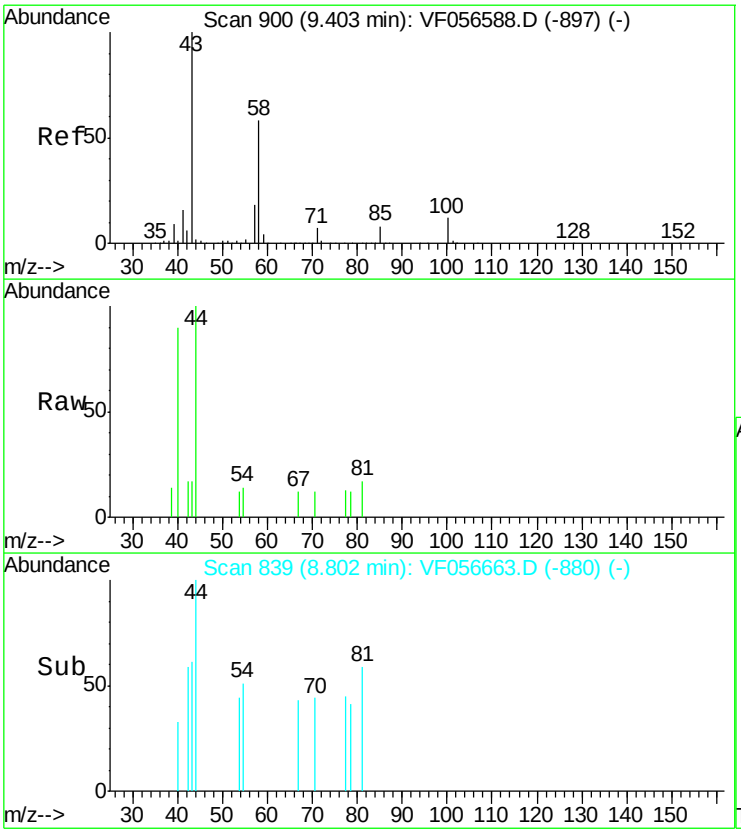
#58
2-Chloroethyl Vinyl ether
Concen: 1955.75 ug/l
RT: 7.07 min Scan# 663
Delta R.T. -0.47 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion: 63 Resp: 140

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

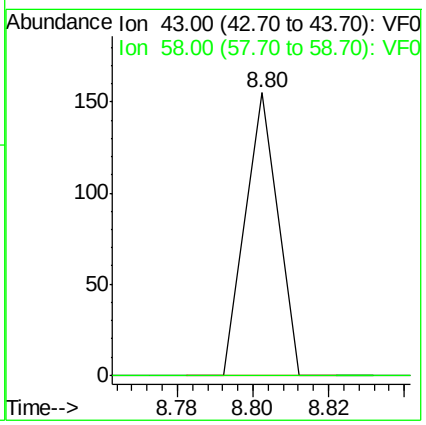


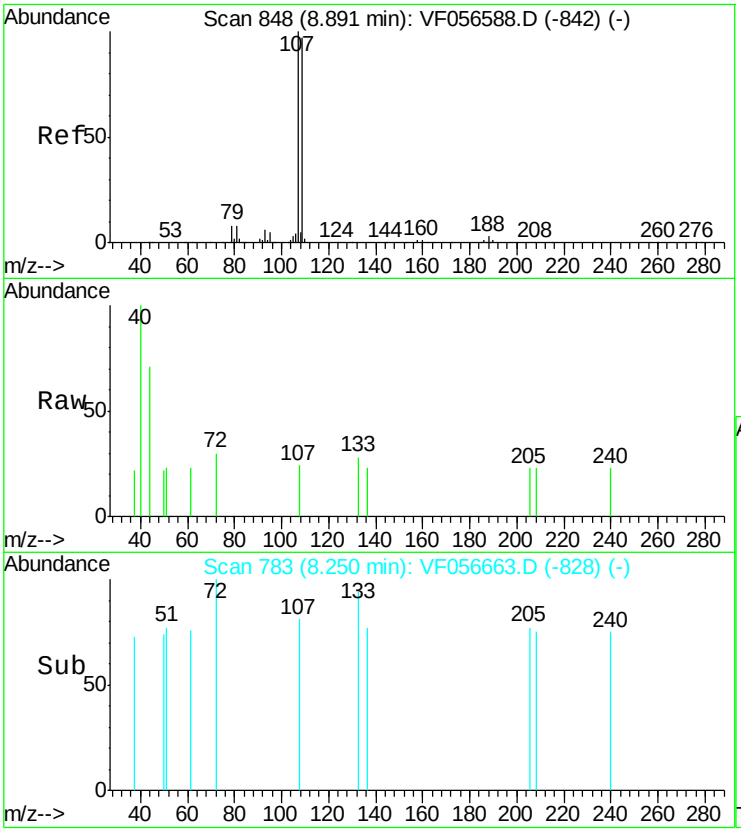


#59
2-Hexanone
Concen: 250.85 ug/l
RT: 8.80 min Scan# 839
Delta R.T. -0.60 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 43 Resp: 92

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.6	79.7#



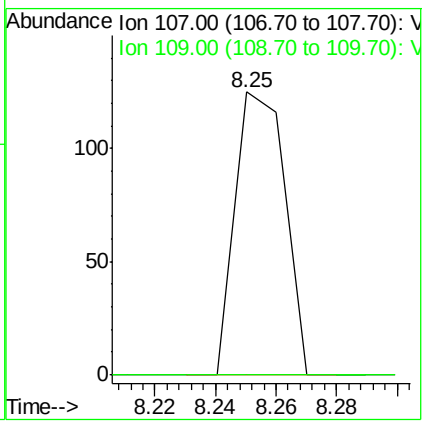


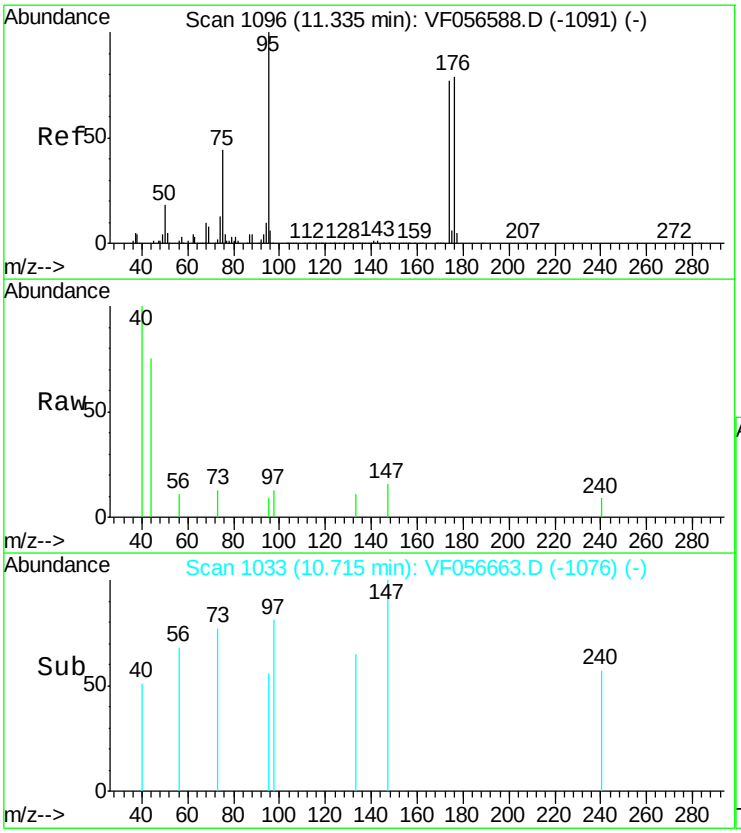
#61
1,2-Dibromoethane
Concen: 306.29 ug/l
RT: 8.25 min Scan# 783
Delta R.T. -0.64 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion:107 Resp: 143

Ion	Ratio	Lower	Upper
107	100		
109	0.0	77.4	116.0#

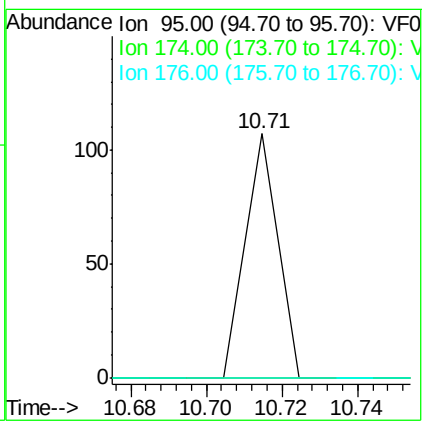


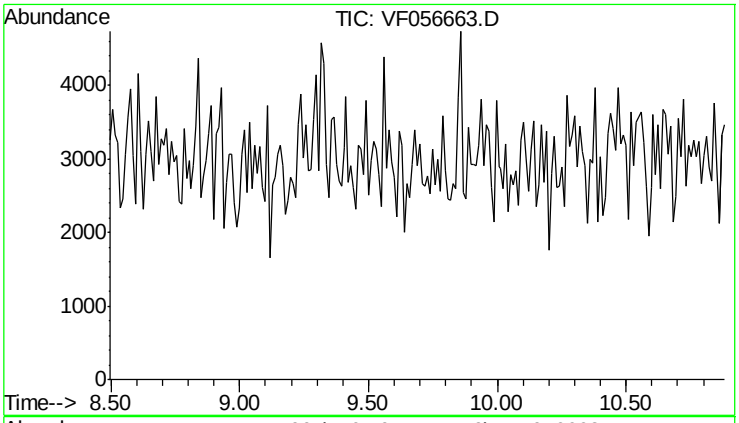


#62
4-Bromofluorobenzene
Concen: 95.99 ug/l
RT: 10.71 min Scan# 1033
Delta R.T. -0.62 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 95 Resp: 63

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	154.2
176	0.0	0.0	157.2





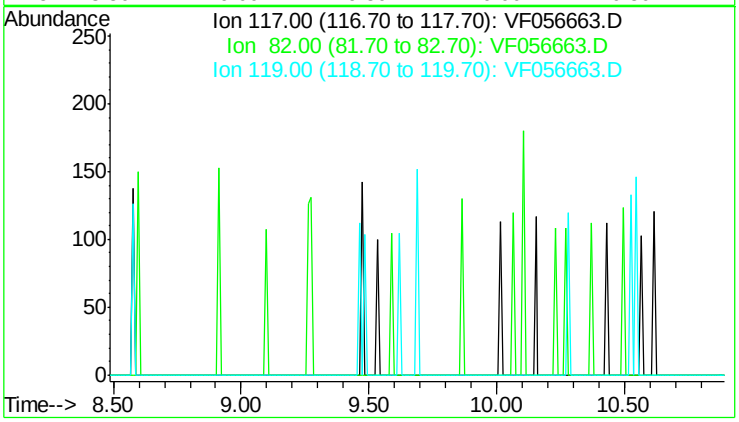
#63
Chlorobenzene-d5
Concen: 0.00 ug/l
Expected RT: 9.69 min

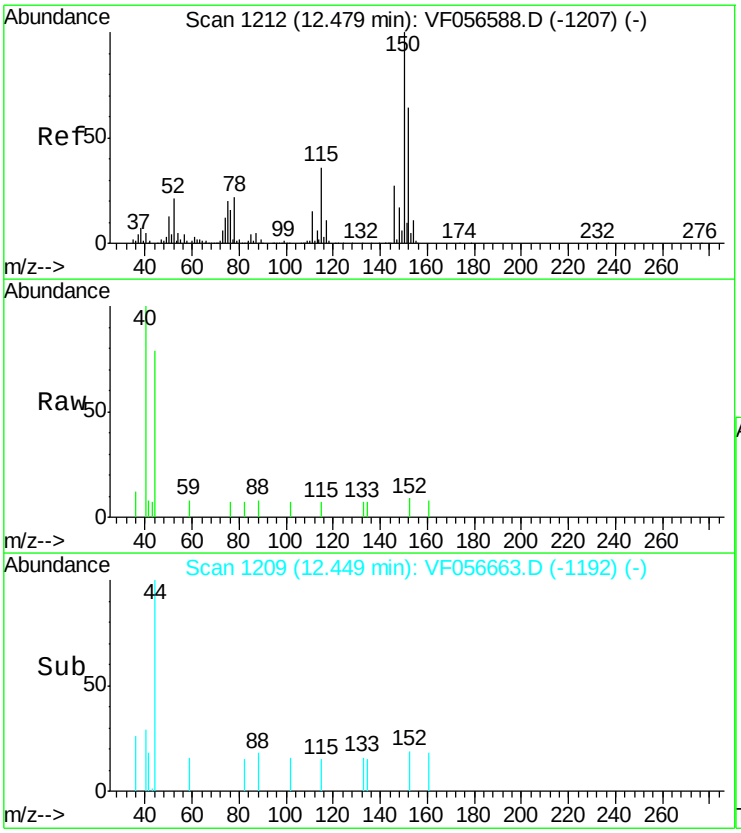
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	53.8
119	31.9

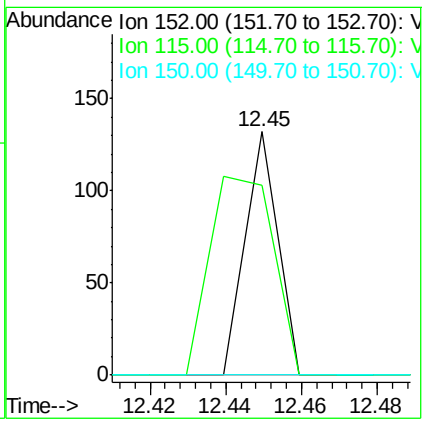


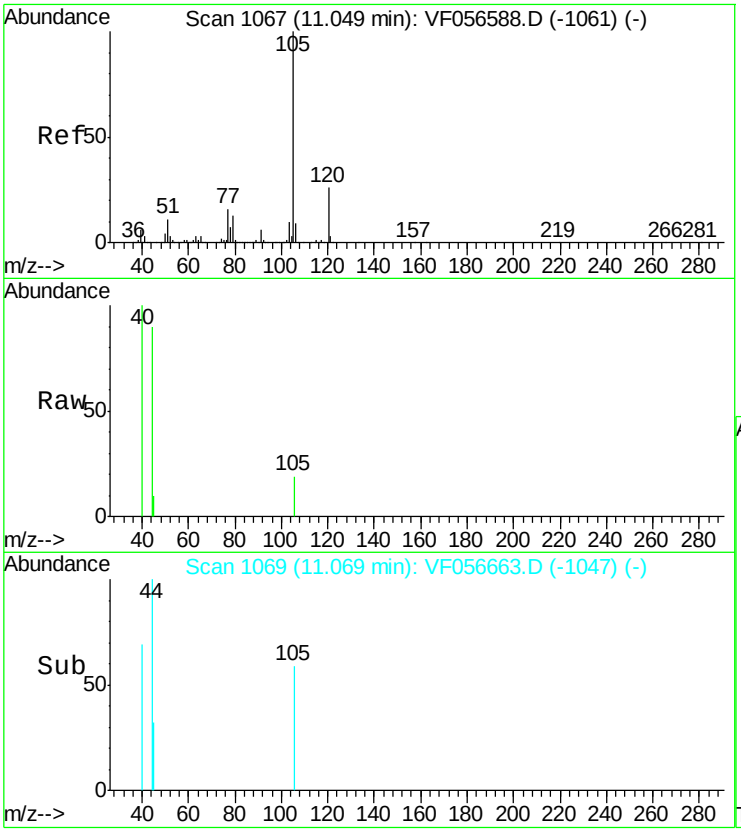


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.45 min Scan# 1209
Delta R.T. -0.03 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion:152 Resp: 78

Ion	Ratio	Lower	Upper
152	100		
115	78.0	28.1	84.3
150	0.0	0.0	315.6



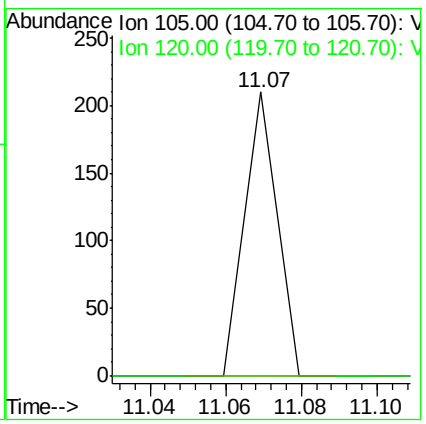


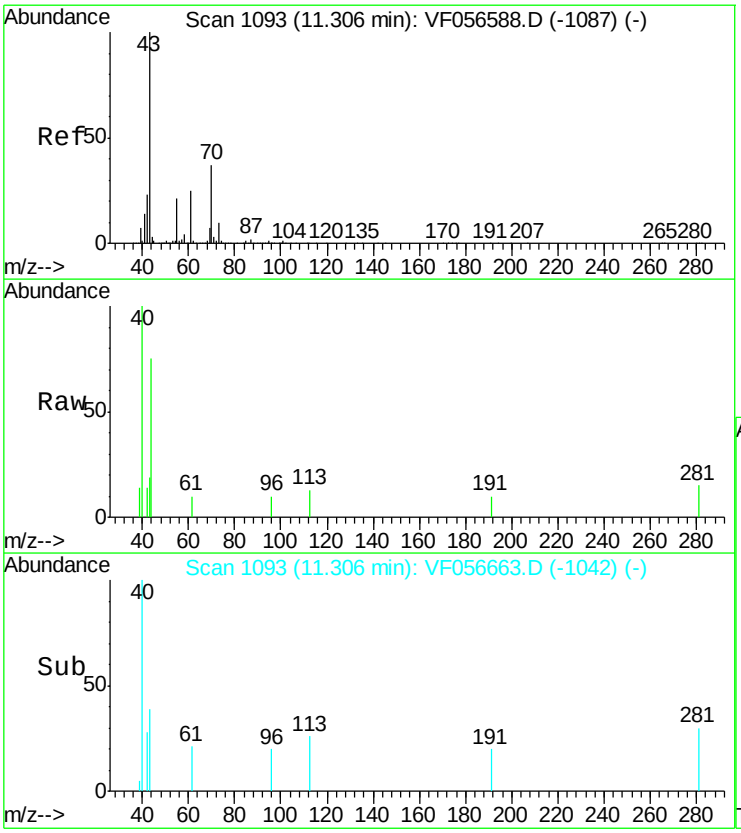
#73
Isopropylbenzene
Concen: 24.14 ug/l
RT: 11.07 min Scan# 1069
Delta R.T. 0.02 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion:105 Resp: 124

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.2	39.6#

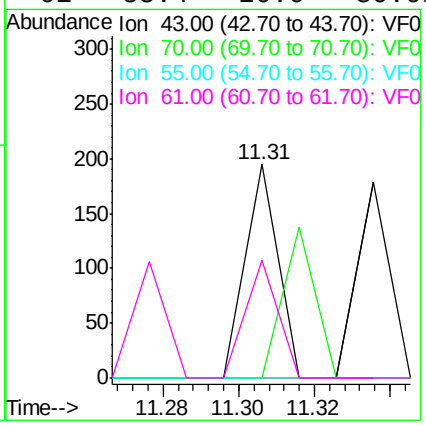


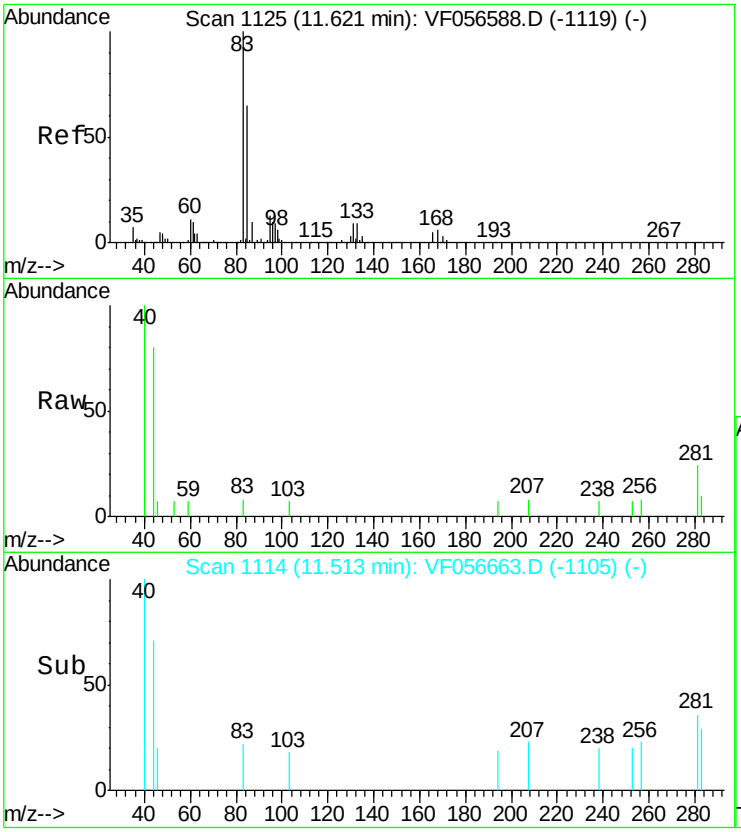


#74
N-amyl acetate
Concen: 50.04 ug/l
RT: 11.31 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 43 Resp: 115

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.5	44.3#
55	0.0	17.0	25.4#
61	55.4	20.0	30.0#



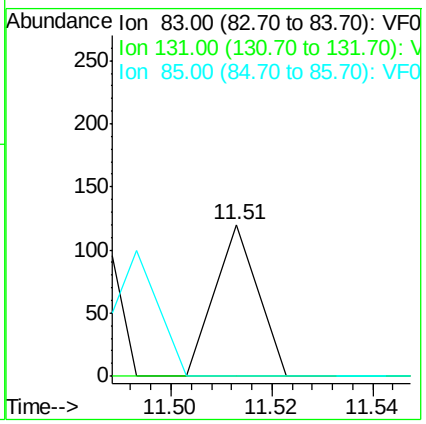


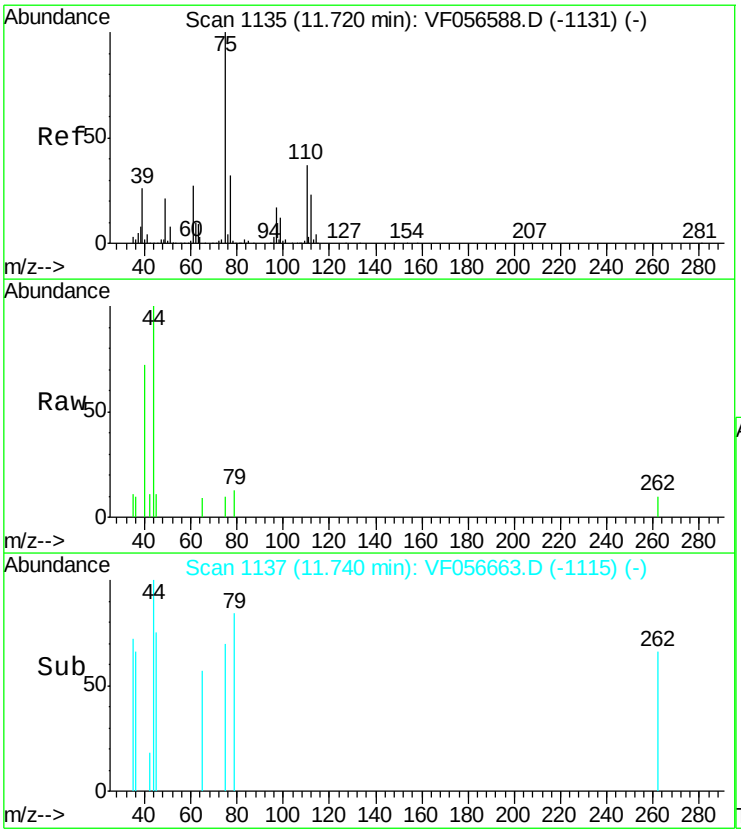
#75
1,1,2,2-Tetrachloroethane
Concen: 45.68 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.11 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 83 Resp: 71

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.4#
85	0.0	32.4	97.2#

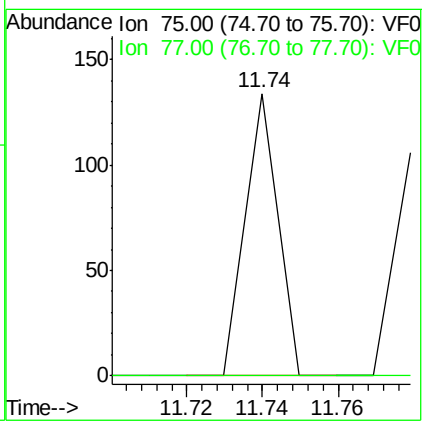


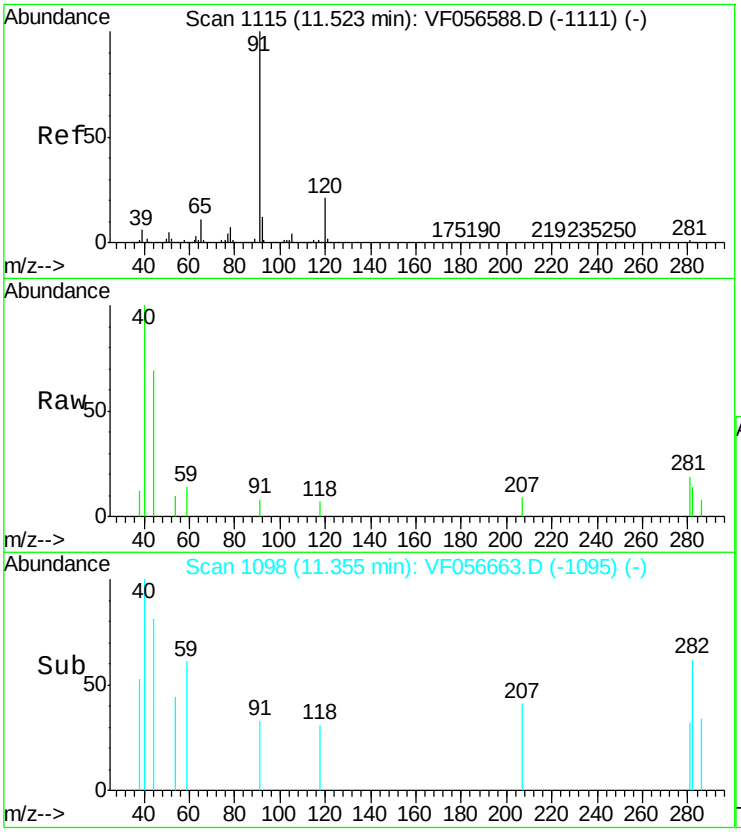


#76
1,2,3-Trichloropropane
Concen: 66.24 ug/l
RT: 11.74 min Scan# 1137
Delta R.T. 0.02 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 75 Resp: 79

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.0	48.0#



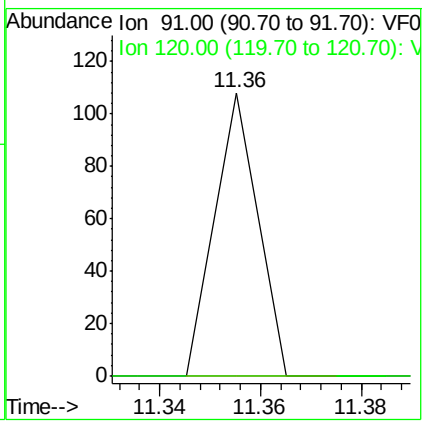


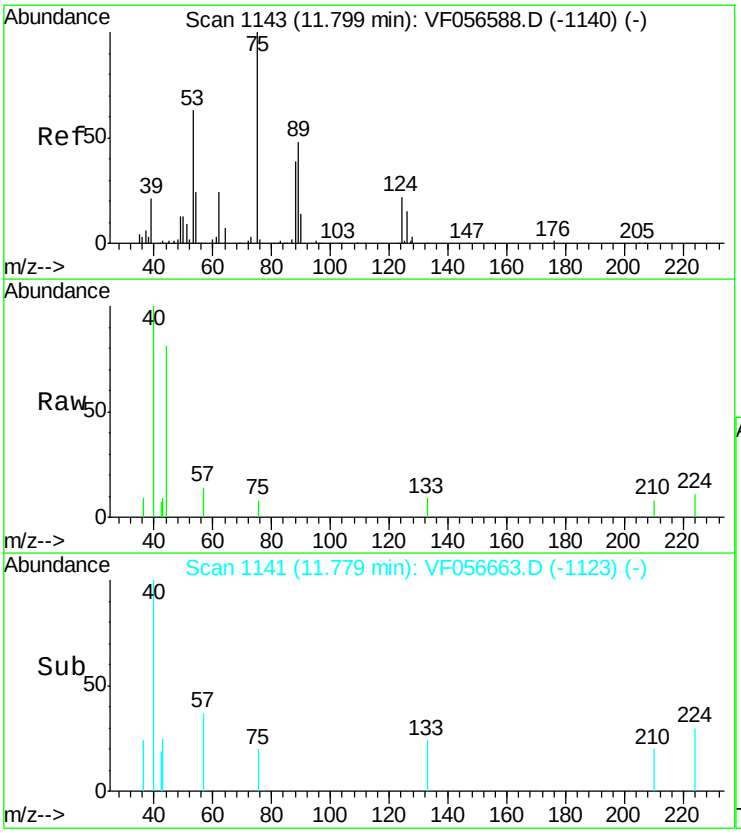
#78
n-propylbenzene
Concen: 10.11 ug/l
RT: 11.36 min Scan# 1098
Delta R.T. -0.17 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 91 Resp: 64

Ion	Ratio	Lower	Upper
91	100		
120	0.0	10.7	31.9#

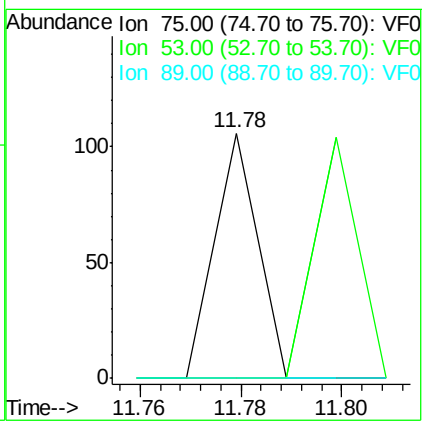


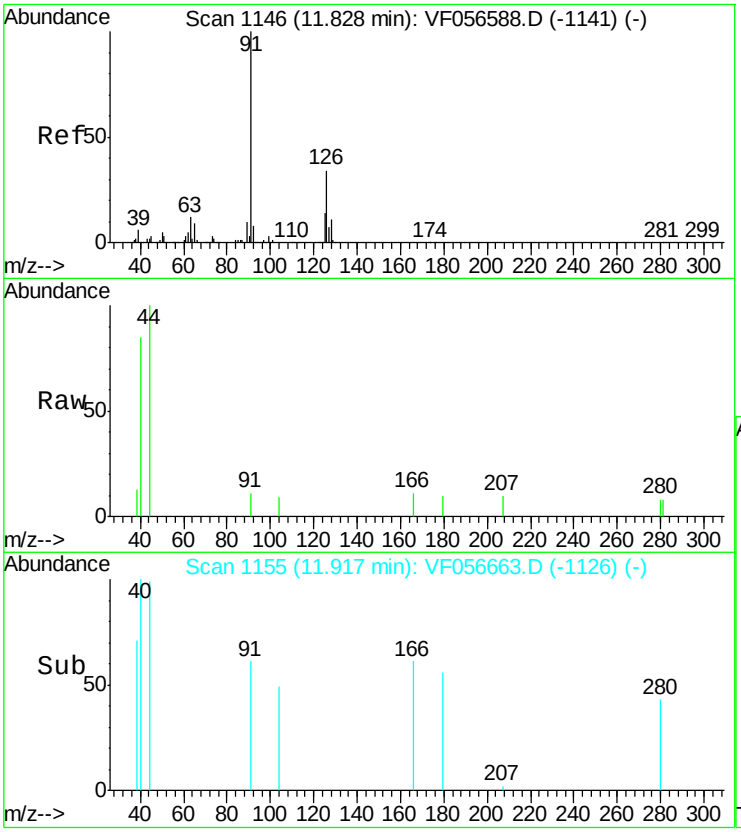


#81
trans-1,4-Dichloro-2-butene
Concen: 96.42 ug/l
RT: 11.78 min Scan# 1141
Delta R.T. -0.02 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 75 Resp: 63

Ion	Ratio	Lower	Upper
75	100		
53	0.0	55.4	83.0#
89	0.0	40.4	60.6#



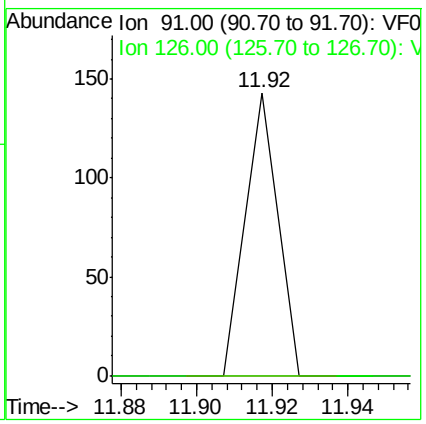


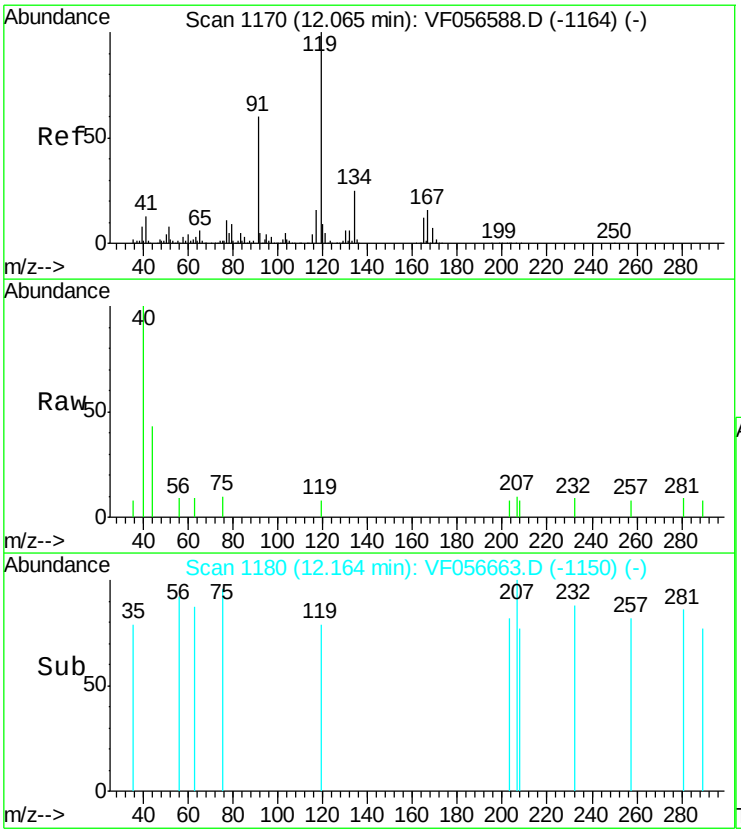
#82
4-Chlorotoluene
Concen: 20.96 ug/l
RT: 11.92 min Scan# 1155
Delta R.T. 0.09 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion: 91 Resp: 85

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.1	51.3#

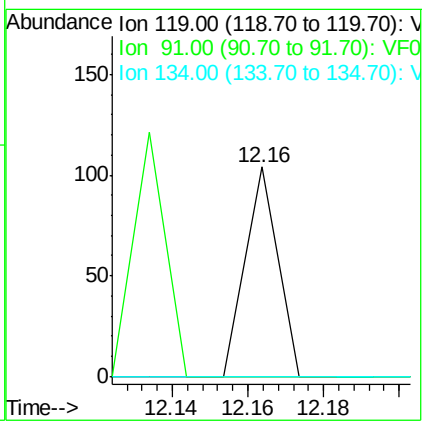


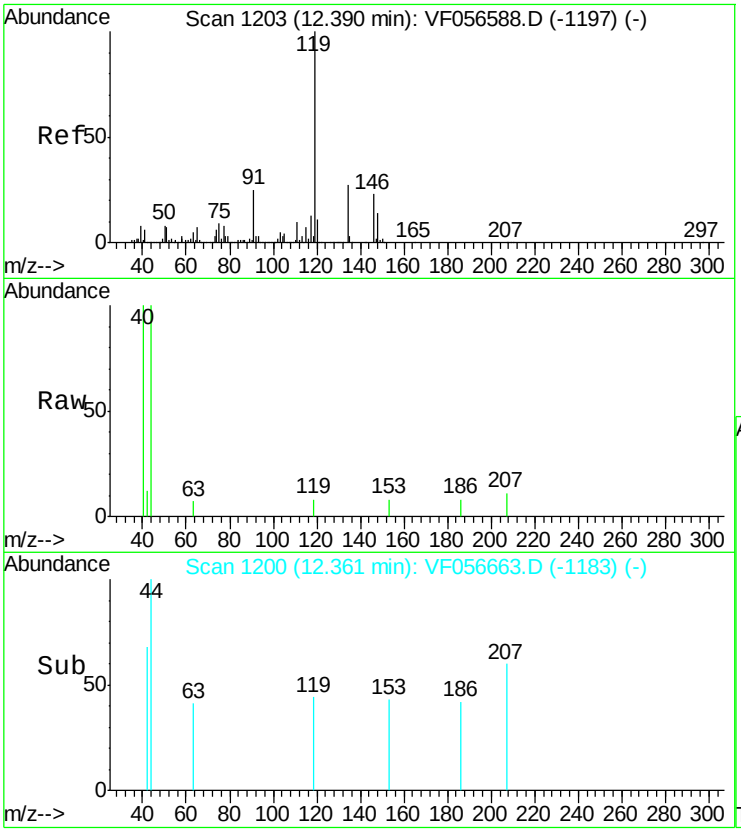


#83
tert-Butylbenzene
Concen: 15.04 ug/l
RT: 12.16 min Scan# 1180
Delta R.T. 0.10 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion:119 Resp: 62

Ion	Ratio	Lower	Upper
119	100		
91	0.0	29.8	89.4#
134	0.0	12.4	37.4#



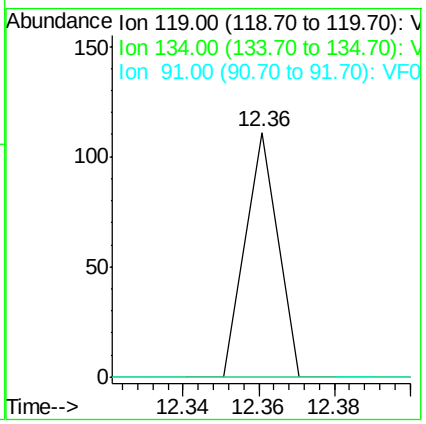


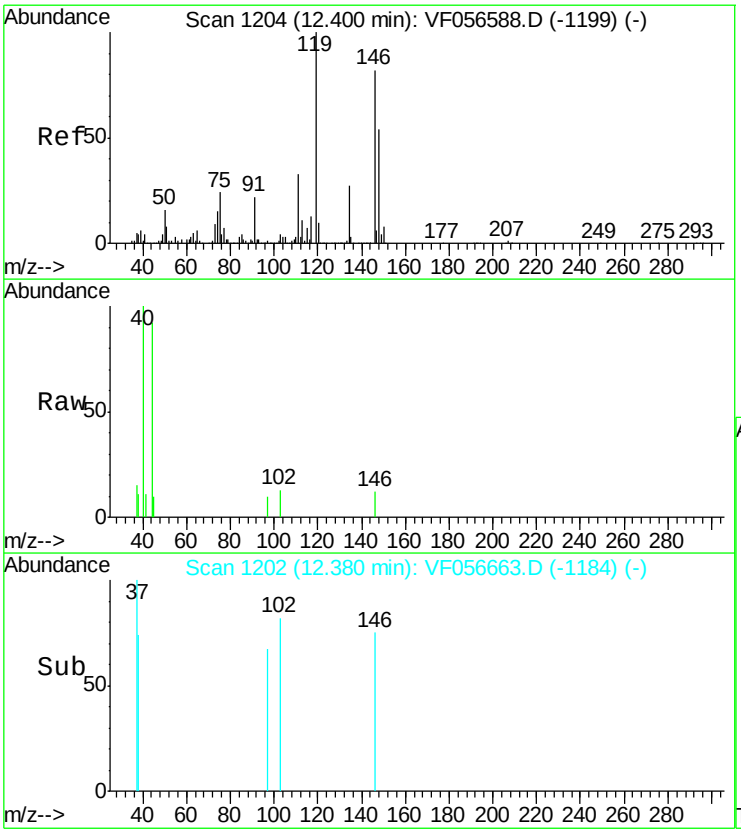
#86
p-Isopropyltoluene
Concen: 14.48 ug/l
RT: 12.36 min Scan# 1200
Delta R.T. -0.03 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion:119 Resp: 66

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.4	40.2#
91	0.0	12.7	38.0#

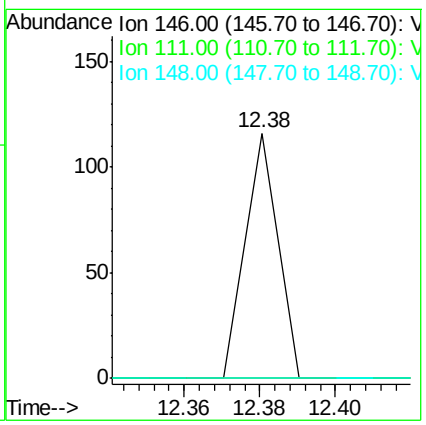


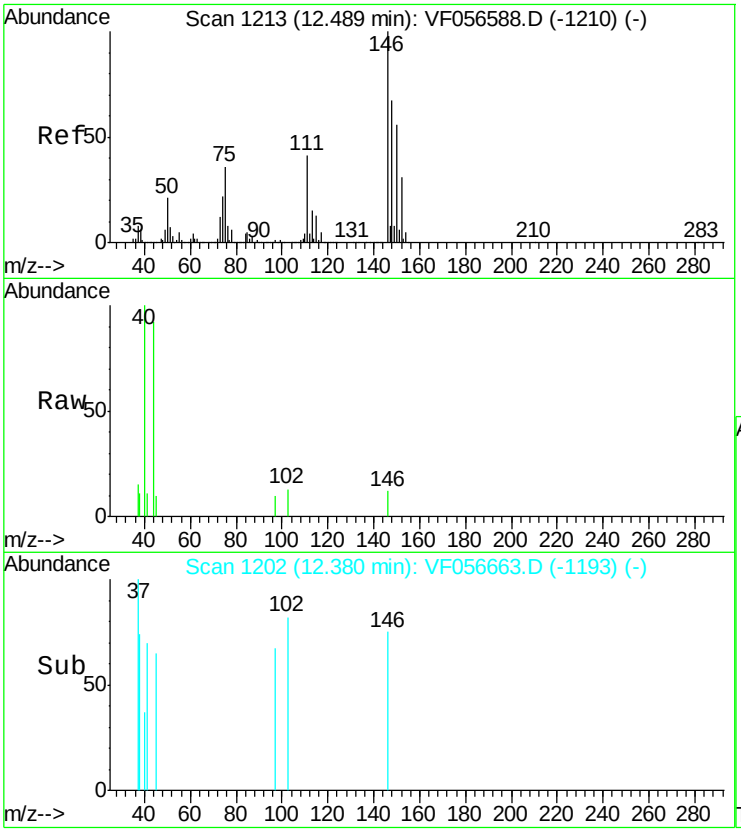


#87
1,3-Dichlorobenzene
Concen: 26.92 ug/l
RT: 12.38 min Scan# 1202
Delta R.T. -0.02 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion:146 Resp: 69

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.0	60.0#
148	0.0	32.6	97.7#



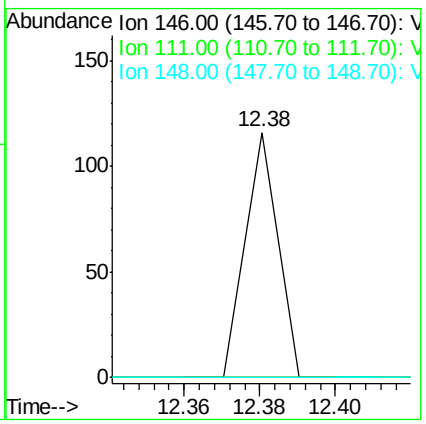


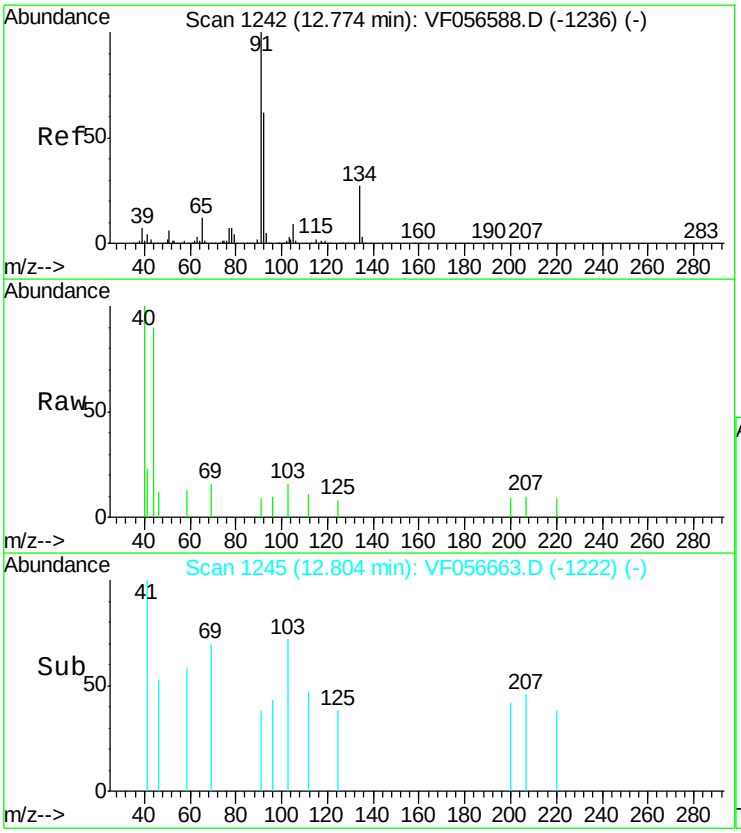
#88
1,4-Dichlorobenzene
Concen: 28.04 ug/l
RT: 12.38 min Scan# 1202
Delta R.T. -0.11 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument : MSVOA_F
ClientSampleId : 72-11982

Tgt Ion:146 Resp: 69

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.6	61.9#
148	0.0	33.4	100.2#

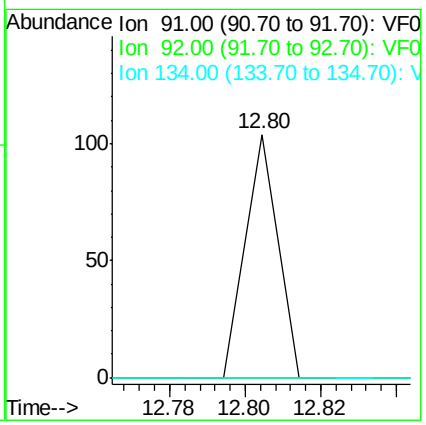


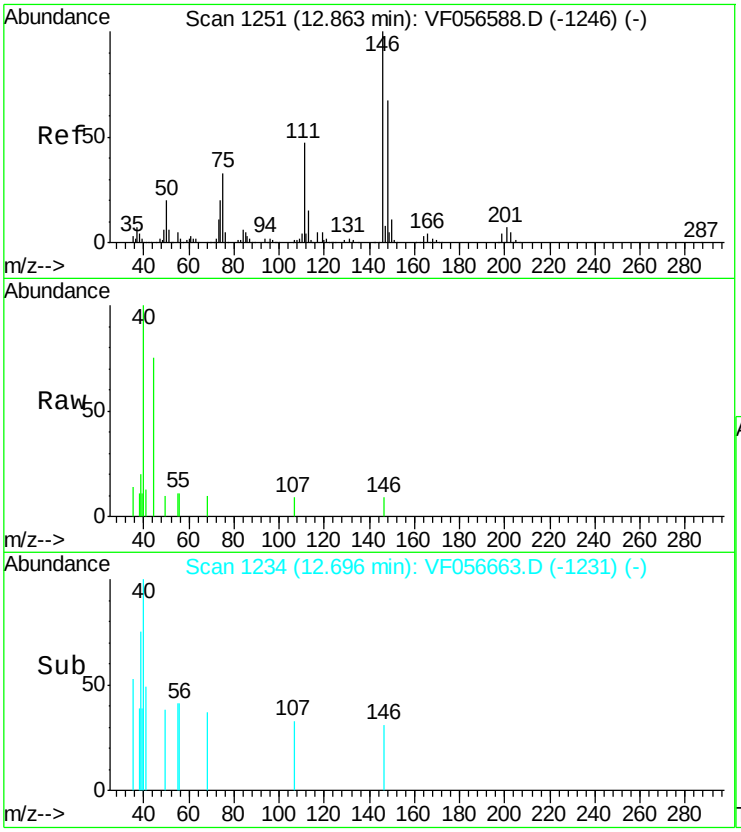


#89
n-Butylbenzene
Concen: 9.05 ug/l
RT: 12.80 min Scan# 1245
Delta R.T. 0.03 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 91 Resp: 62

Ion	Ratio	Lower	Upper
91	100		
92	0.0	30.9	92.7#
134	0.0	13.7	41.0#



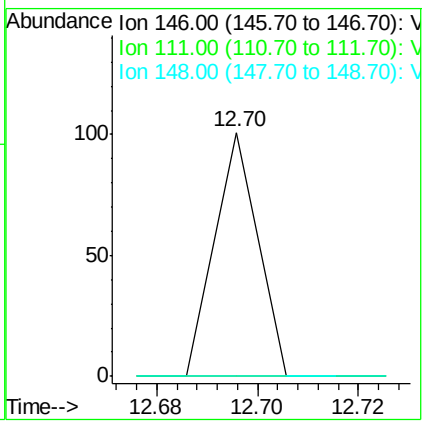


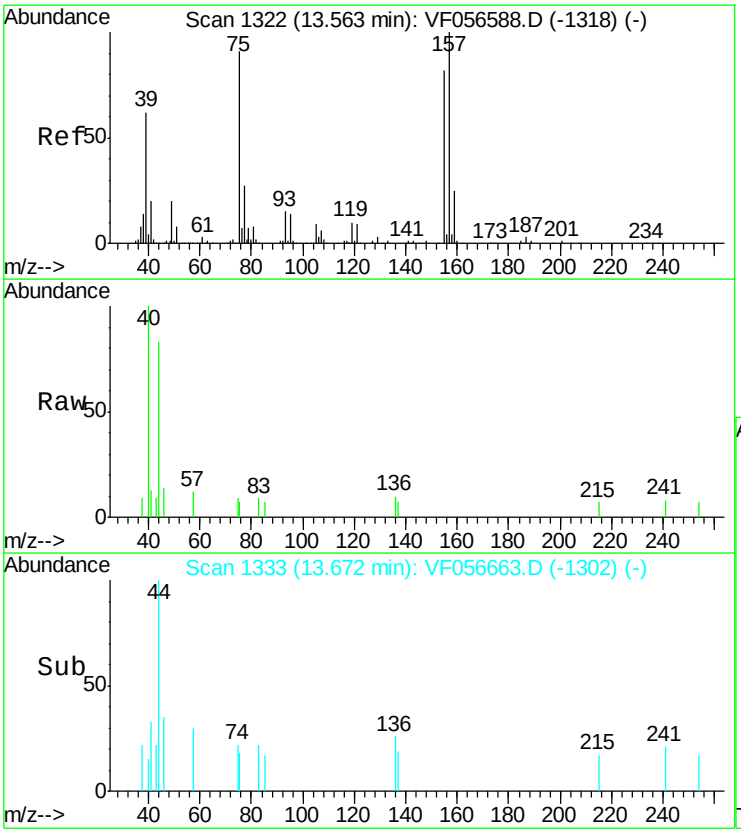
#91
1,2-Dichlorobenzene
Concen: 24.40 ug/l
RT: 12.70 min Scan# 1234
Delta R.T. -0.17 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion:146 Resp: 60

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.4	70.3#
148	0.0	33.6	100.6#

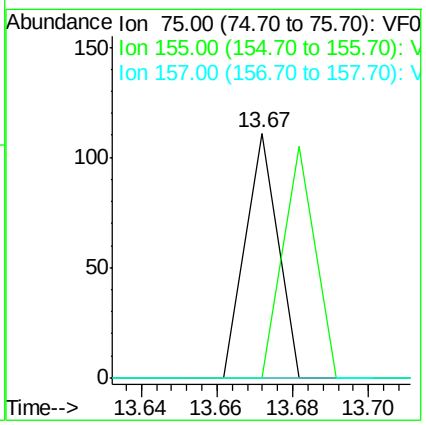


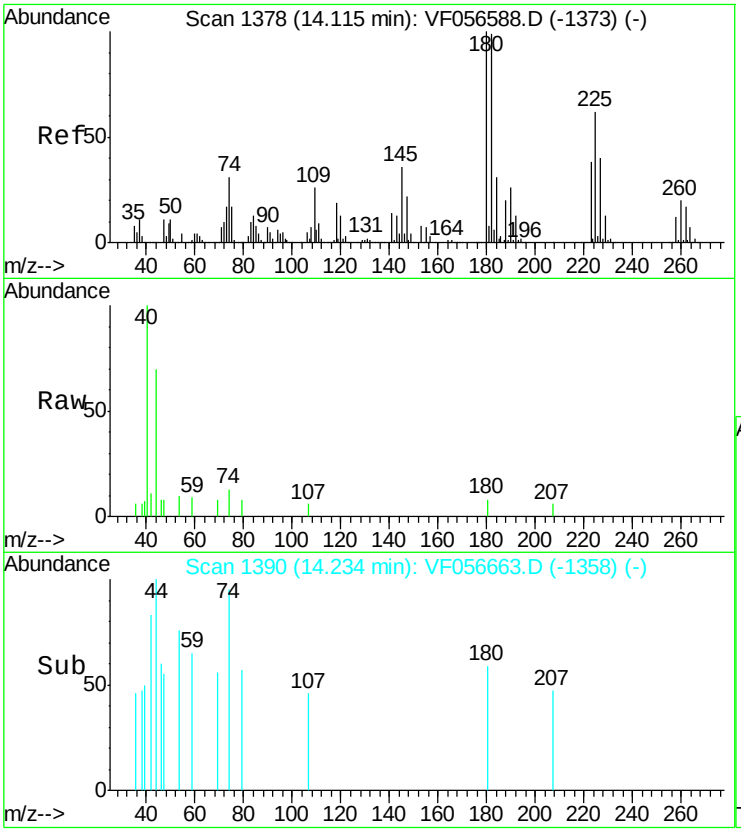


#92
1,2-Dibromo-3-Chloropropane
Concen: 227.92 ug/l
RT: 13.67 min Scan# 1333
Delta R.T. 0.11 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion: 75 Resp: 66

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.1	135.3#
157	0.0	54.9	164.8#



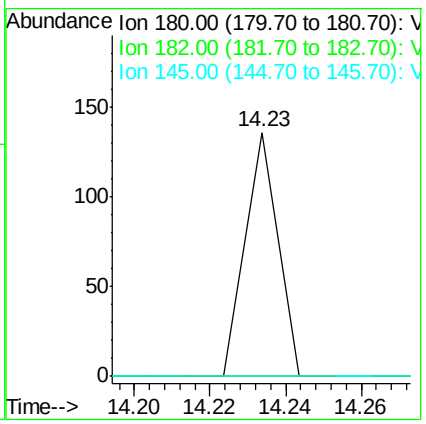


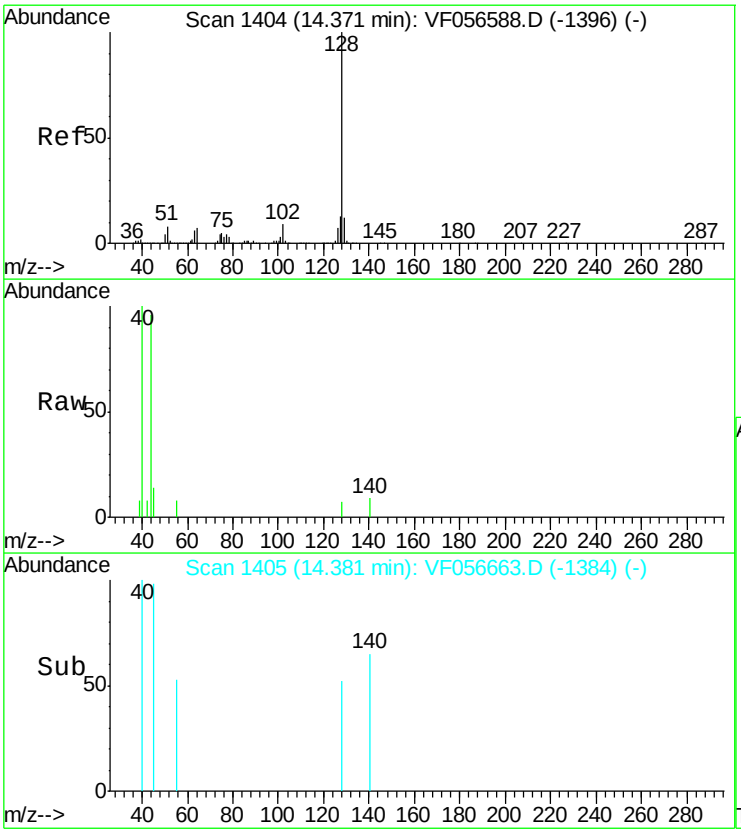
#93
1,2,4-Trichlorobenzene
Concen: 47.92 ug/l
RT: 14.23 min Scan# 1390
Delta R.T. 0.12 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
72-11982

Tgt Ion:180 Resp: 80

Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.5	148.5#
145	0.0	17.8	53.5#





#95
Naphthalene
Concen: 14.29 ug/l
RT: 14.38 min Scan# 1405
Delta R.T. 0.01 min
Lab File: VF056663.D
Acq: 23 Feb 2018 18:45

Tgt Ion:128 Resp: 60

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	9.4	14.0#