Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF071018\
Data File : VF059495.D
Acq On : 10 Jul 2018 20:15
Operator : VA/AP
Sample : J3880-04RE
Misc : 4.69g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jul 11 00:57:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 06:35:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	2047	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.74	114	2119	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.89	117	1374	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	522	14.66	ug/l	0.01
Spiked Amount 50.000			Recovery = 29.32%			
35) Dibromofluoromethane	4.29	113	530	26.07	ug/l	0.03
Spiked Amount 50.000			Recovery = 52.14%			
50) Toluene-d8	7.70	98	1524	31.86	ug/l	0.02
Spiked Amount 50.000			Recovery = 63.72%			
62) 4-Bromofluorobenzene	11.49	95	493	18.48	ug/l	0.01
Spiked Amount 50.000			Recovery = 36.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.85	85	73	2.532	ug/l #	43
3) Chloromethane	1.09	50	285	20.041	ug/l #	42
4) Vinyl Chloride	1.08	62	112	7.540	ug/l #	41
5) Bromomethane	1.49	94	62	5.441	ug/l #	4
6) Chloroethane	1.52	64	72	9.194	ug/l #	1
7) Trichlorofluoromethane	1.34	101	82	2.600	ug/l #	18
8) Diethyl Ether	1.67	74	72	10.889	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	2.02	101	60	3.511	ug/l #	20
10) Methyl Iodide	1.95	142	80	2.515	ug/l #	22
11) Tert butyl alcohol	2.72	59	66	40.692	ug/l #	73
12) 1,1-Dichloroethene	1.94	96	79	5.107	ug/l #	1
13) Acrolein	2.07	56	99	78.773	ug/l #	11
14) Allyl chloride	2.17	41	154	5.733	ug/l #	54
15) Acrylonitrile	3.04	53	88	29.713	ug/l #	10
16) Acetone	2.32	43	123	23.097	ug/l #	67
17) Carbon Disulfide	1.72	76	68	1.671	ug/l #	73
18) Methyl Acetate	2.43	43	63	5.095	ug/l #	66
19) Methyl tert-butyl Ether	2.54	73	148	2.936	ug/l #	61
20) Methylene Chloride	2.29	84	59	Below Cal	#	47
21) trans-1,2-Dichloroethene	2.40	96	131	7.957	ug/l #	1
22) Diisopropyl ether	2.91	45	163	2.929	ug/l #	37
23) Vinyl Acetate	3.32	43	69	2.136	ug/l #	81
25) 2-Butanone	4.41	43	119	16.400	ug/l #	60
26) 2,2-Dichloropropane	3.70	77	99	4.615	ug/l #	63
27) cis-1,2-Dichloroethene	3.51	96	164	8.105	ug/l	1
28) Bromochloromethane	3.83	49	68	4.403	ug/l #	8
29) Tetrahydrofuran	4.17	42	131	38.514	ug/l #	38
31) Cyclohexane	3.83	56	76	3.522	ug/l #	74
32) 1,1,1-Trichloroethane	4.36	97	82	2.025	ug/l #	25
36) 1,1-Dichloropropene	4.30	75	74	3.306	ug/l #	44
37) Ethyl Acetate	4.28	43	250	19.035	ug/l #	23
38) Carbon Tetrachloride	4.26	117	84	2.626	ug/l #	12
40) Benzene	4.77	78	75	1.710	ug/l #	49
41) Methacrylonitrile	4.91	41	63	10.442	ug/l #	19

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
Data File : VF059495.D
Acq On : 10 Jul 2018 20:15
Operator : VA/AP
Sample : J3880-04RE
Misc : 4.69g/5mL/MSVOA F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jul 11 00:57:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 06:35:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Isopropyl Acetate	7.11	43	294	19.554 ug/l	#	50
44) Trichloroethene	5.71	130	76	4.698 ug/l		1
45) 1,2-Dichloropropane	6.26	63	73	5.797 ug/l	#	1
47) Bromodichloromethane	6.40	83	83	2.826 ug/l	#	22
48) Methyl methacrylate	6.83	41	76	7.084 ug/l	#	11
49) 1,4-Dioxane	7.15	88	61	1252.699 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.42	43	204	18.209 ug/l	#	40
53) t-1,3-Dichloropropene	8.45	75	60	2.359 ug/l	#	42
54) cis-1,3-Dichloropropene	7.30	75	76	2.994 ug/l	#	17
55) 1,1,2-Trichloroethane	8.66	97	61	4.773 ug/l	#	16
56) Ethyl methacrylate	8.75	69	110	7.609 ug/l	#	39
58) 2-Chloroethyl Vinyl ether	7.71	63	69	49.837 ug/l		100
59) 2-Hexanone	9.66	43	138	16.573 ug/l	#	31
61) 1,2-Dibromoethane	9.25	107	61	3.885 ug/l	#	2
64) Tetrachloroethene	8.39	164	61	5.301 ug/l	#	1
67) Ethyl Benzene	10.04	91	64	1.375 ug/l	#	46
69) o-Xylene	10.68	106	62	3.511 ug/l	#	1
70) Styrene	10.76	104	60	2.180 ug/l	#	26
73) Isopropylbenzene	11.20	105	60	4.348 ug/l	#	50
74) N-amyl acetate	11.43	43	94	22.317 ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	11.74	83	128	40.813 ug/l	#	24
76) 1,2,3-Trichloropropane	11.87	75	64	25.064 ug/l	#	41
81) trans-1,4-Dichloro-2-buten	11.87	75	64	48.315 ug/l	#	9
82) 4-Chlorotoluene	12.06	91	72	6.627 ug/l	#	45
84) 1,2,4-Trimethylbenzene	12.27	105	75	5.833 ug/l	#	32
85) sec-Butylbenzene	12.27	105	75	4.673 ug/l	#	58
86) p-Isopropyltoluene	12.58	119	61	4.444 ug/l	#	50
90) Hexachloroethane	13.00	117	61	17.104 ug/l	#	9
91) 1,2-Dichlorobenzene	12.94	146	113	15.756 ug/l	#	23
92) 1,2-Dibromo-3-Chloropropan	13.56	75	76	96.778 ug/l	#	1
96) 1,2,3-Trichlorobenzene	14.66	180	61	11.803 ug/l	#	12

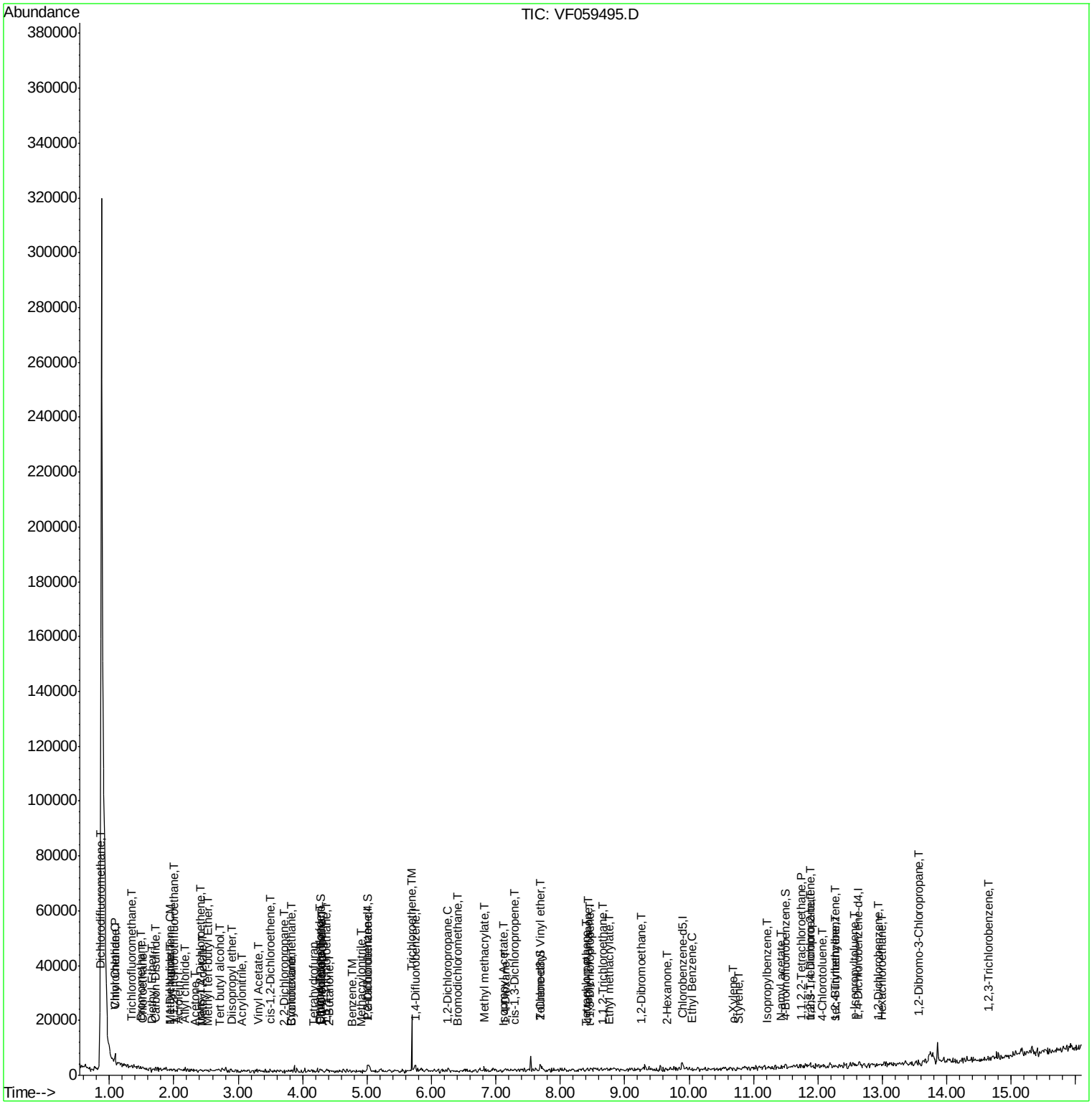
(#) = qualifier out of range (m) = manual integration (+) = signals summed

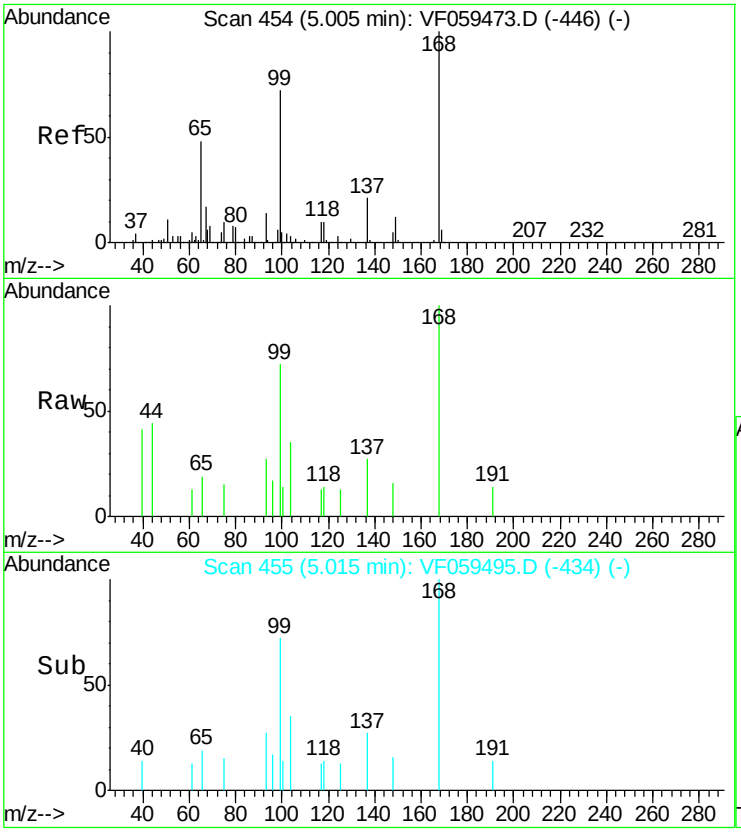
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
Data File : VF059495.D
Acq On : 10 Jul 2018 20:15
Operator : VA/AP
Sample : J3880-04RE
Misc : 4.69g/5mL/MSVOA F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jul 11 00:57:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 06:35:36 2018
Response via : Initial Calibration



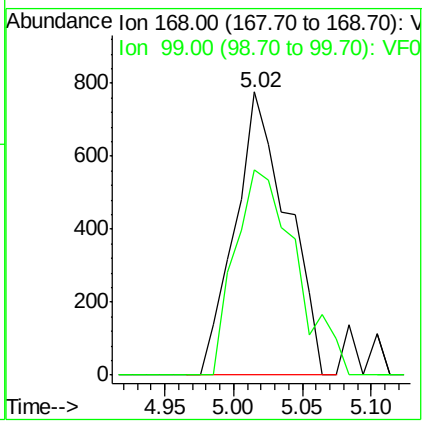


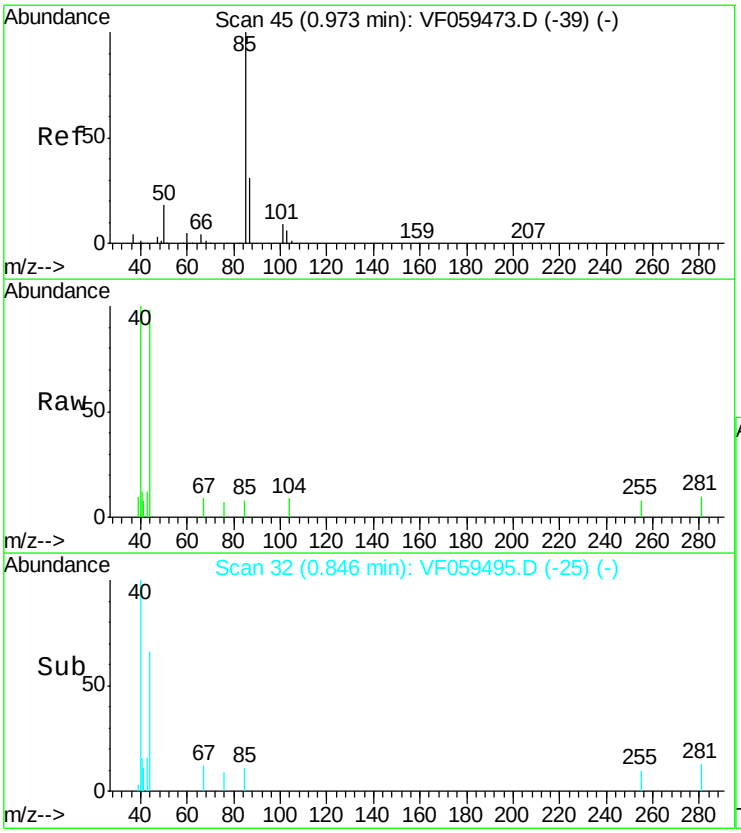
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 2047

Ion	Ratio	Lower	Upper
168	100		
99	72.4	57.7	86.5

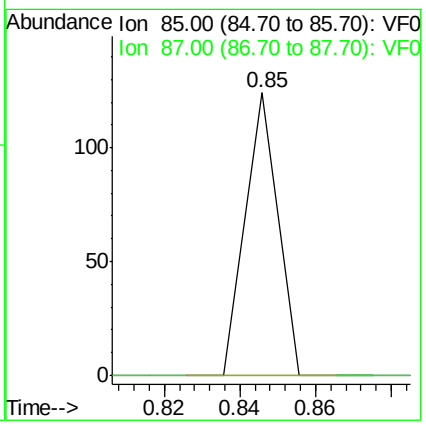


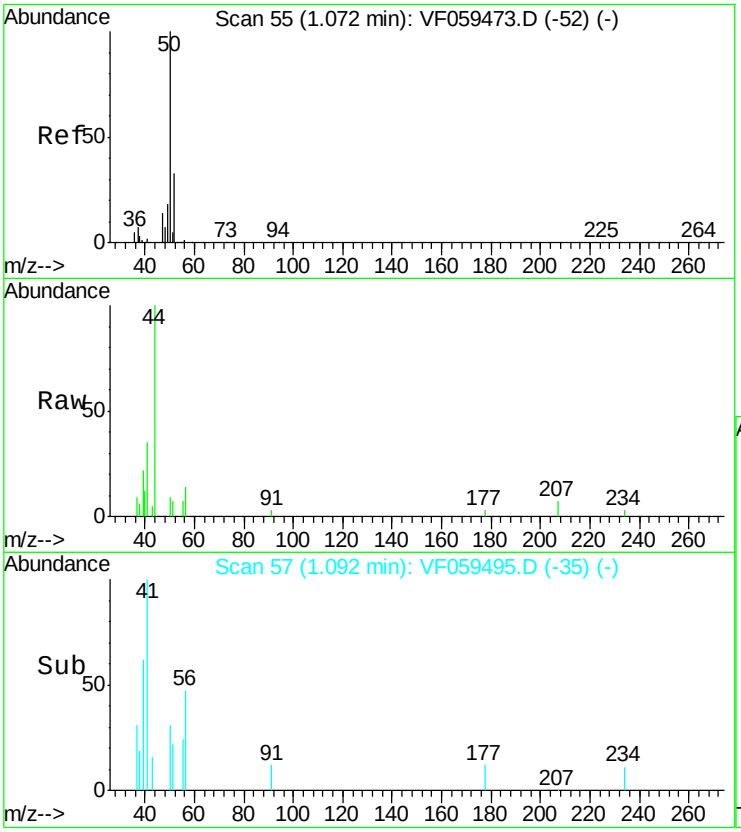


#2
Dichlorodifluoromethane
Concen: 2.532 ug/l
RT: 0.85 min Scan# 32
Delta R.T. -0.13 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 85 Resp: 73

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.7	47.0#



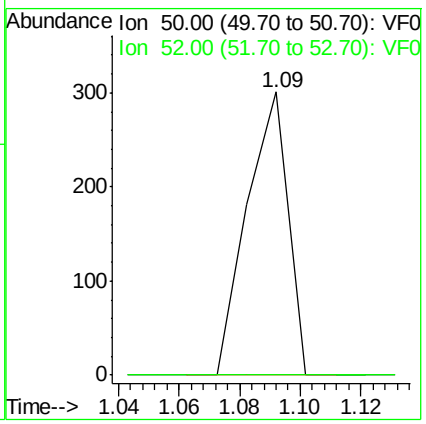


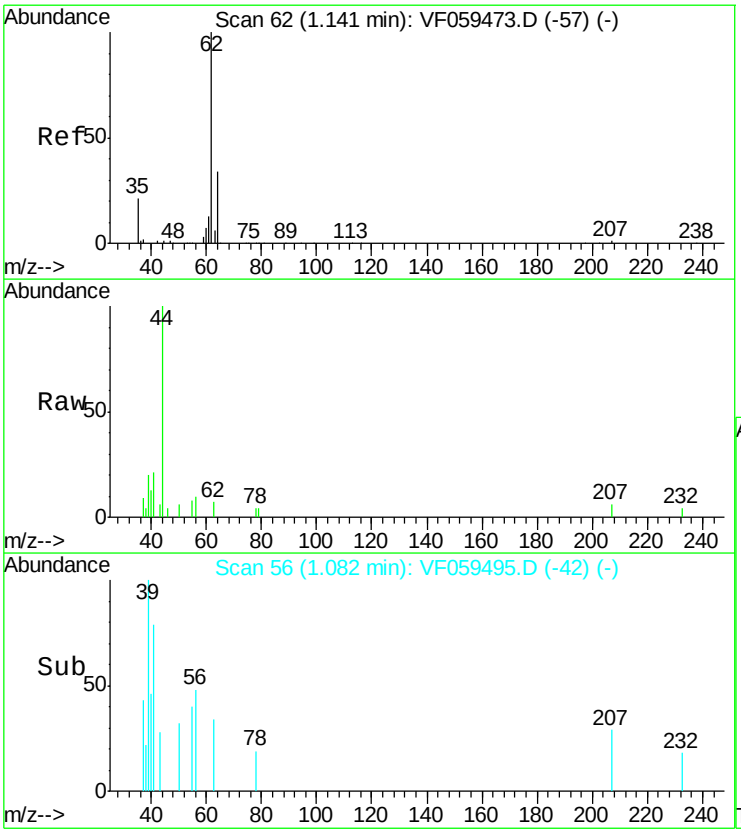
#3
Chloromethane
Concen: 20.041 ug/l
RT: 1.09 min Scan# 57
Delta R.T. 0.02 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 50 Resp: 285

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.9	38.9#

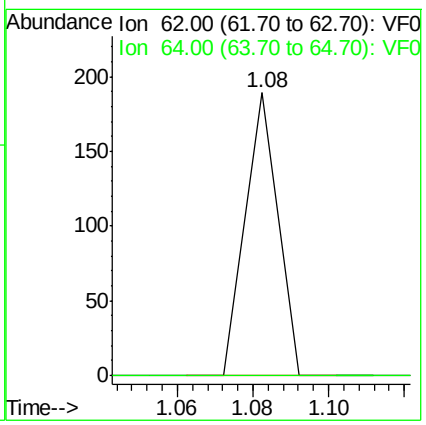


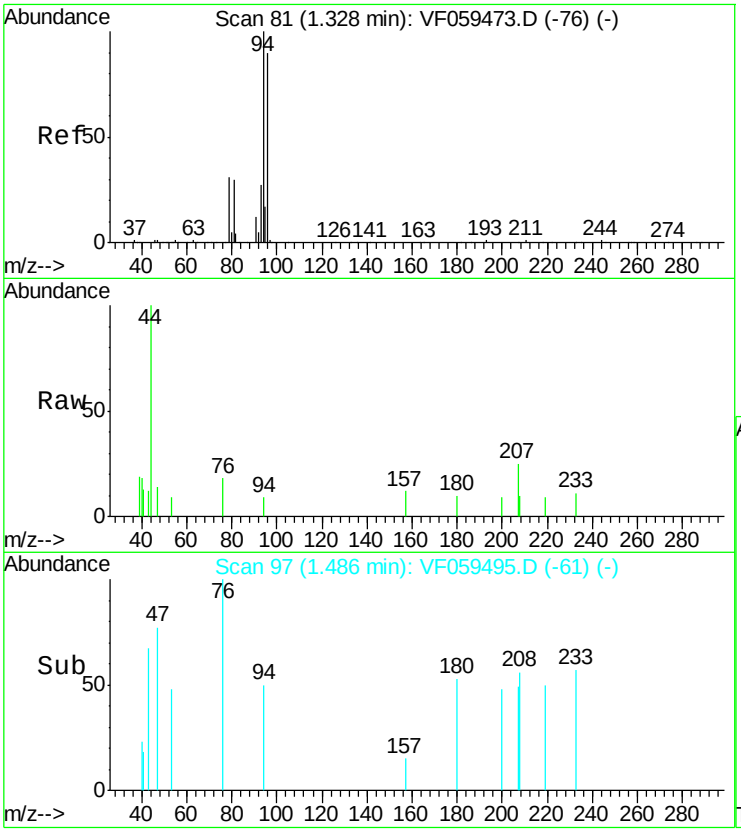


#4
Vinyl Chloride
Concen: 7.540 ug/l
RT: 1.08 min Scan# 56
Delta R.T. -0.06 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 62 Resp: 112

Ion	Ratio	Lower	Upper
62	100		
64	0.0	27.3	40.9#



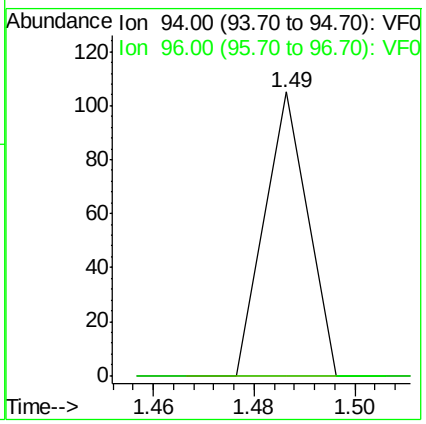


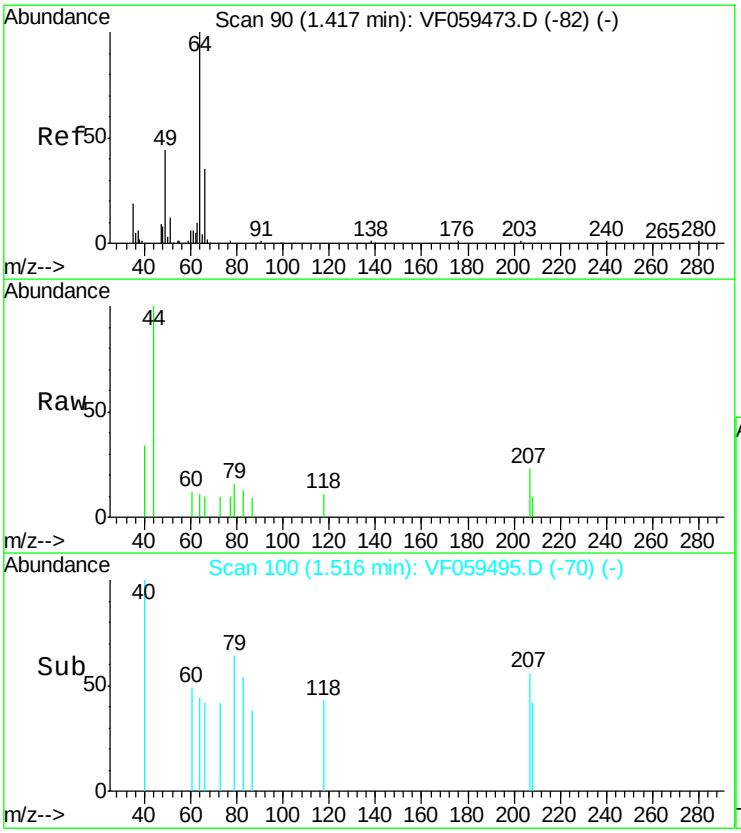
#5
Bromomethane
Concen: 5.441 ug/l
RT: 1.49 min Scan# 97
Delta R.T. 0.16 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 94 Resp: 62

Ion	Ratio	Lower	Upper
94	100		
96	0.0	72.0	108.0#

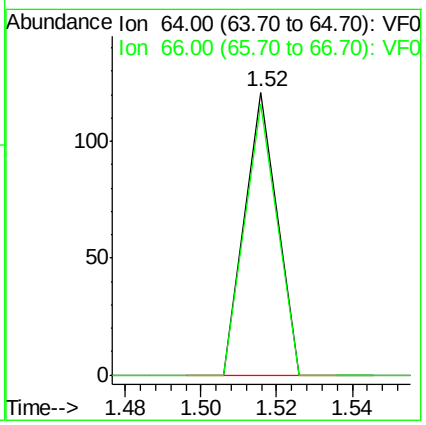


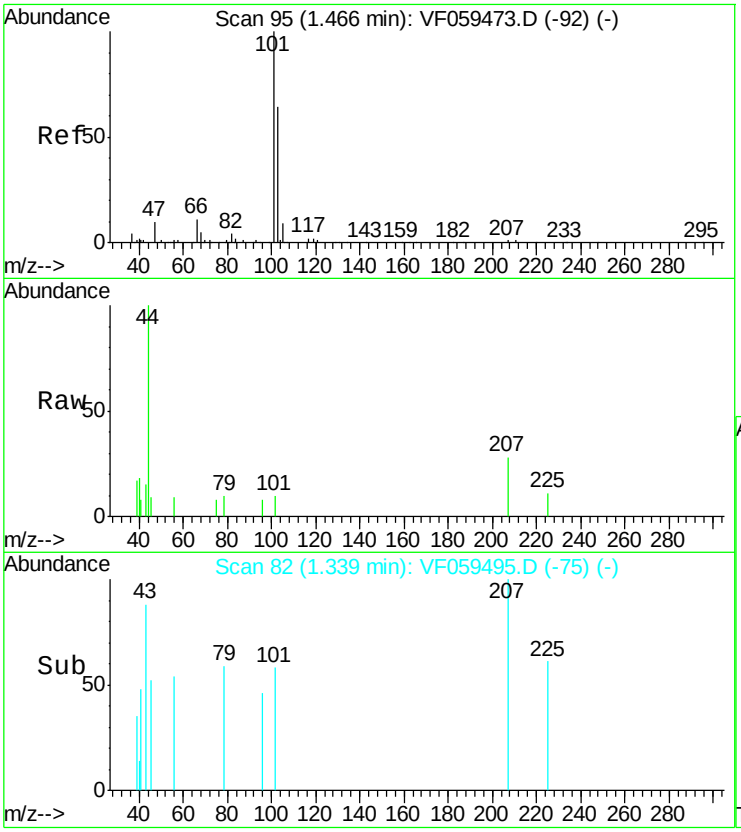


#6
Chloroethane
Concen: 9.194 ug/l
RT: 1.52 min Scan# 100
Delta R.T. 0.10 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 64 Resp: 72

Ion	Ratio	Lower	Upper
64	100		
66	95.9	28.1	42.1#



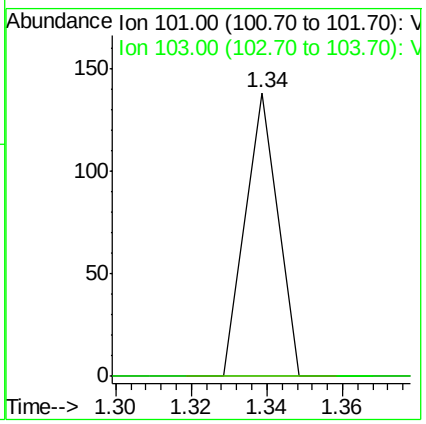


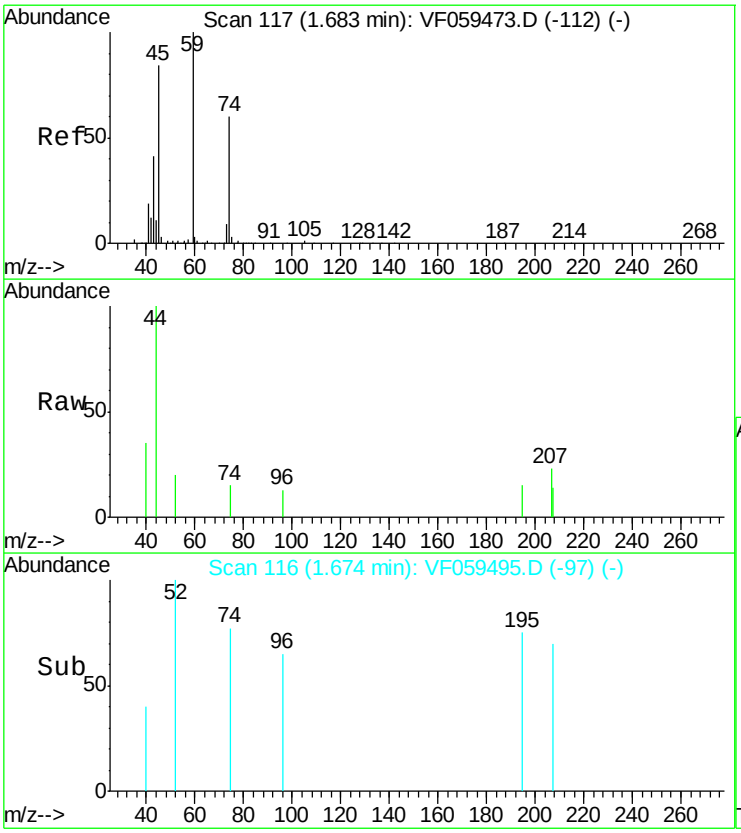
#7
Trichlorofluoromethane
Concen: 2.600 ug/l
RT: 1.34 min Scan# 82
Delta R.T. -0.13 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:101 Resp: 82

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.2	76.8#

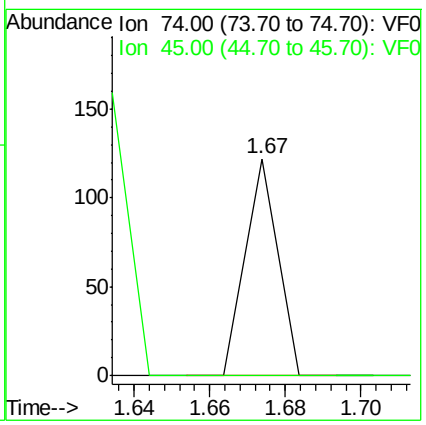


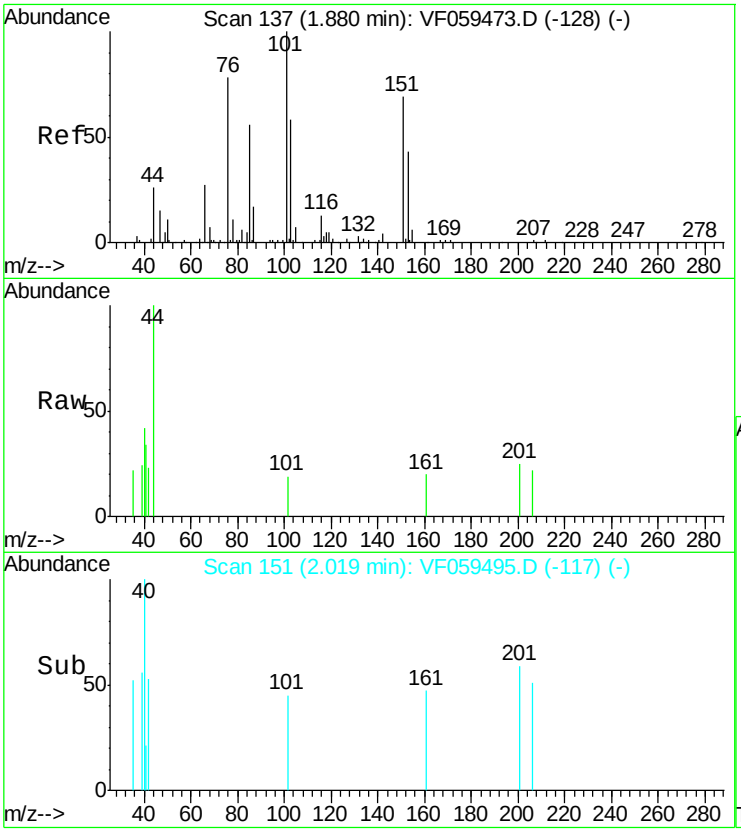


#8
Diethyl Ether
Concen: 10.889 ug/l
RT: 1.67 min Scan# 116
Delta R.T. -0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 74 Resp: 72

Ion	Ratio	Lower	Upper
74	100		
45	0.0	71.1	213.3#



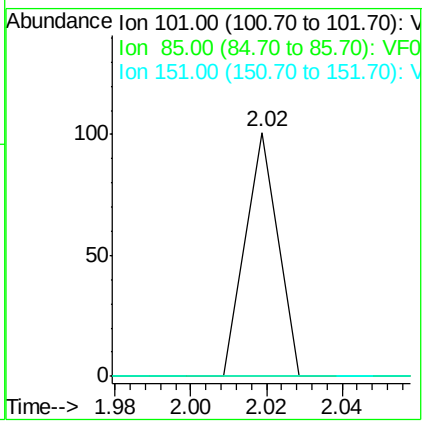


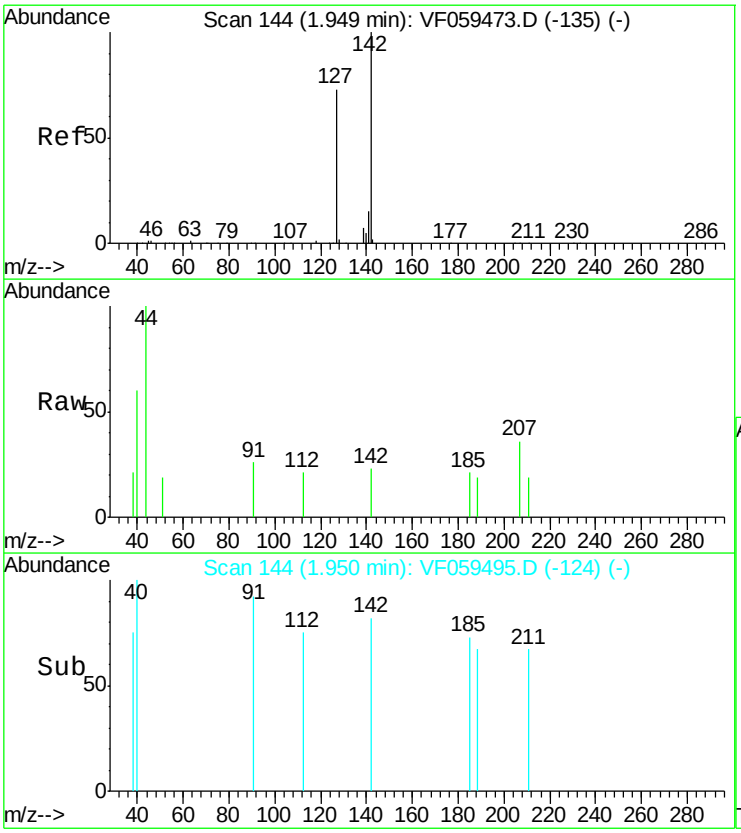
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.511 ug/l
RT: 2.02 min Scan# 151
Delta R.T. 0.14 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:101 Resp: 60

Ion	Ratio	Lower	Upper
101	100		
85	0.0	43.8	65.8#
151	0.0	54.2	81.4#

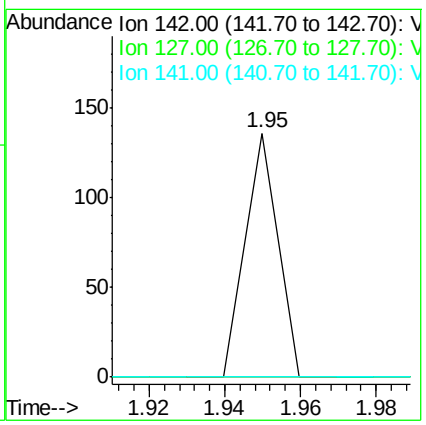


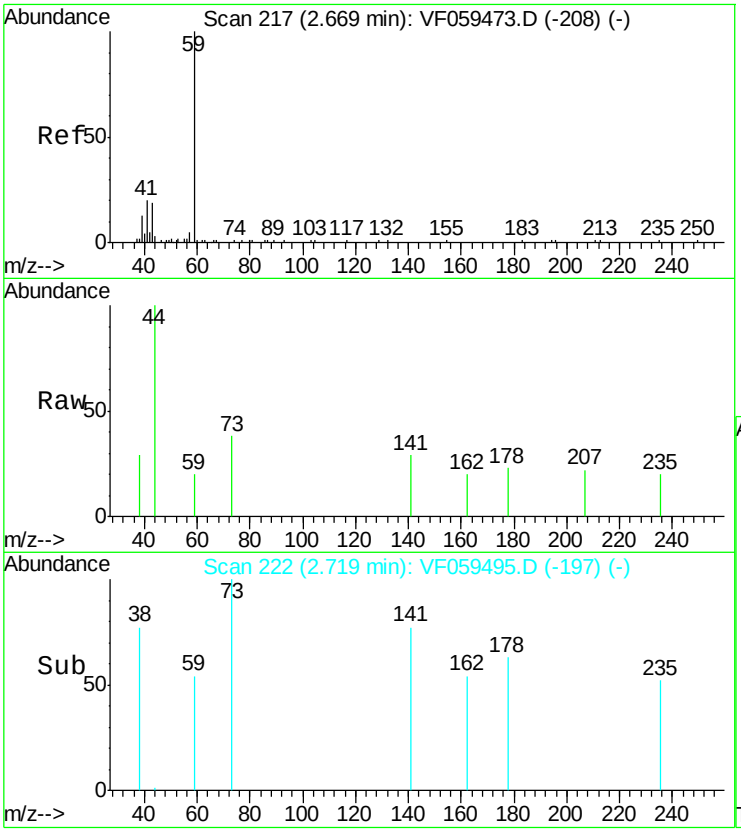


#10
Methyl Iodide
Concen: 2.515 ug/l
RT: 1.95 min Scan# 144
Delta R.T. 0.00 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion:142 Resp: 80

Ion	Ratio	Lower	Upper
142	100		
127	0.0	58.2	87.2#
141	0.0	11.7	17.5#



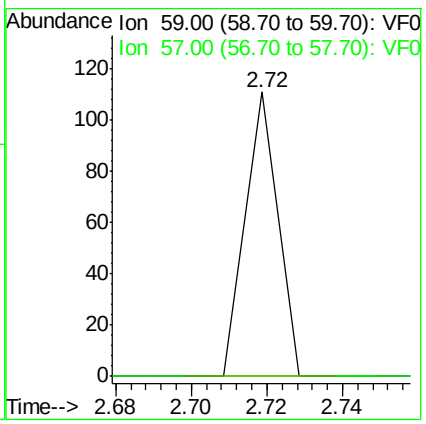


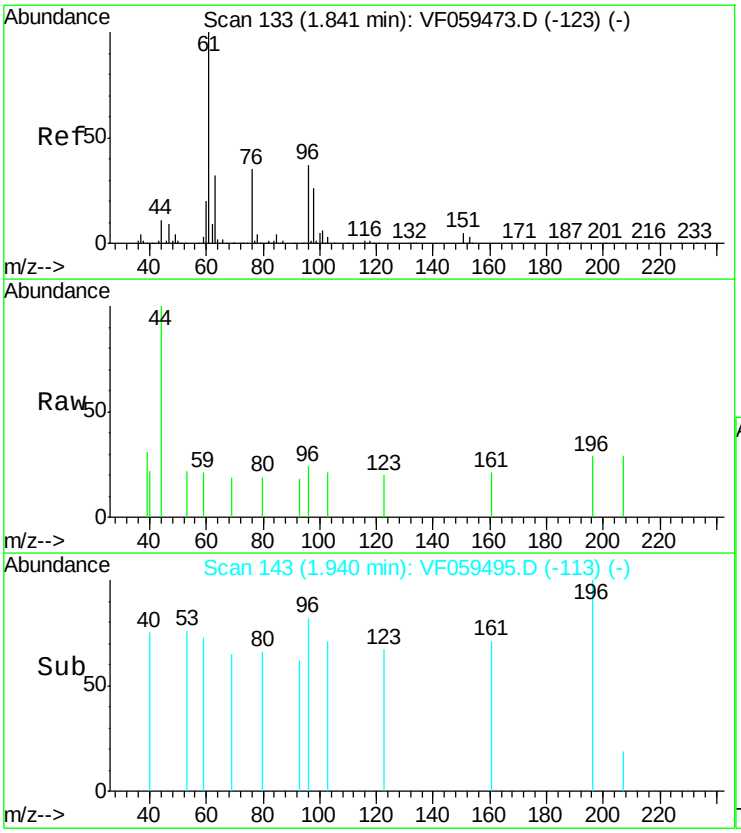
#11
Tert butyl alcohol
Concen: 40.692 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.05 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 66

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

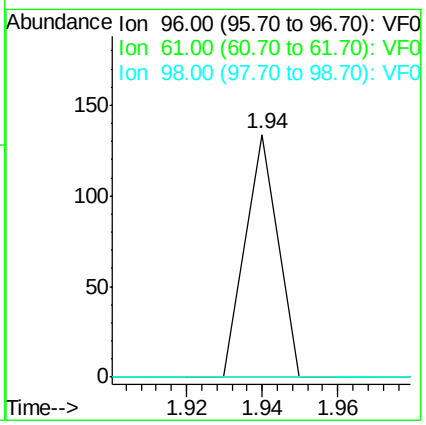


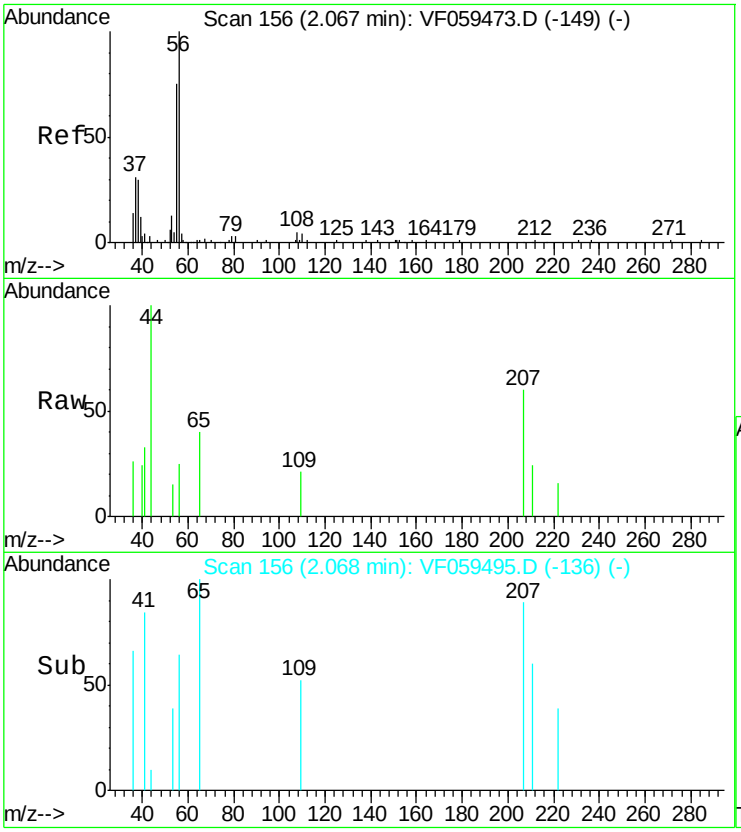


#12
1,1-Dichloroethene
Concen: 5.107 ug/l
RT: 1.94 min Scan# 143
Delta R.T. 0.10 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 96 Resp: 79

Ion	Ratio	Lower	Upper
96	100		
61	0.0	214.4	321.6#
98	0.0	55.6	83.4#



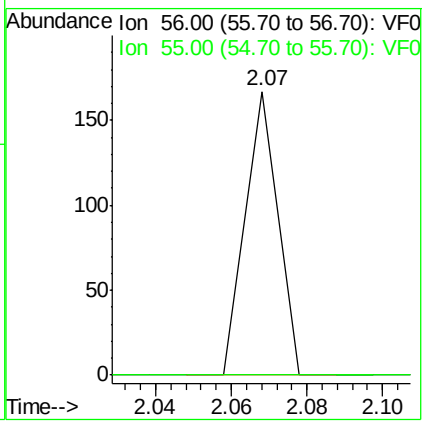


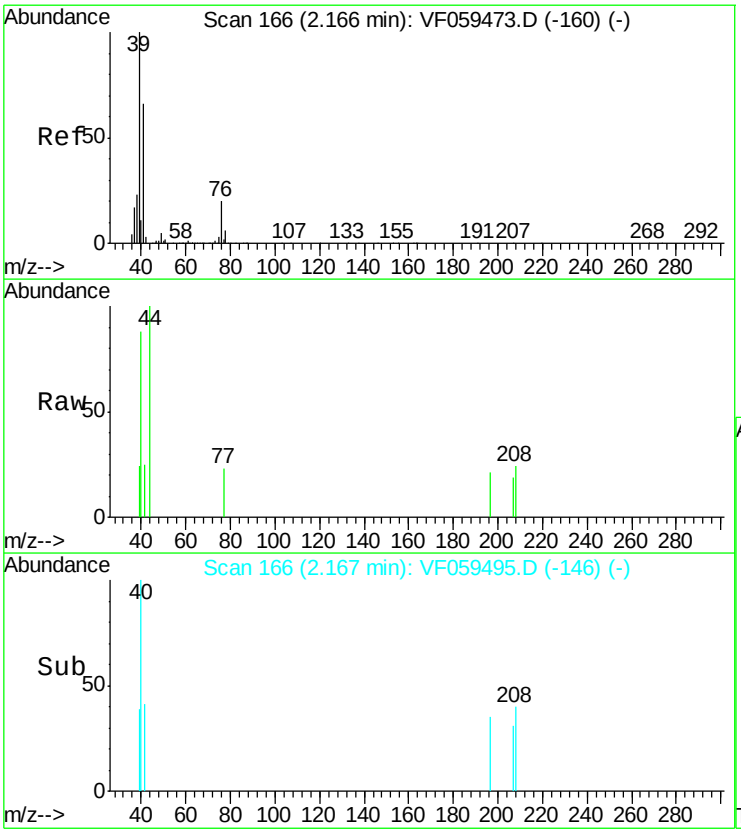
#13
Acrolein
Concen: 78.773 ug/l
RT: 2.07 min Scan# 156
Delta R.T. 0.00 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 99

Ion	Ratio	Lower	Upper
56	100		
55	0.0	61.2	91.8#

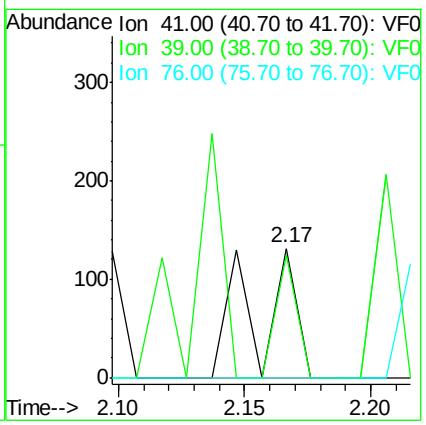


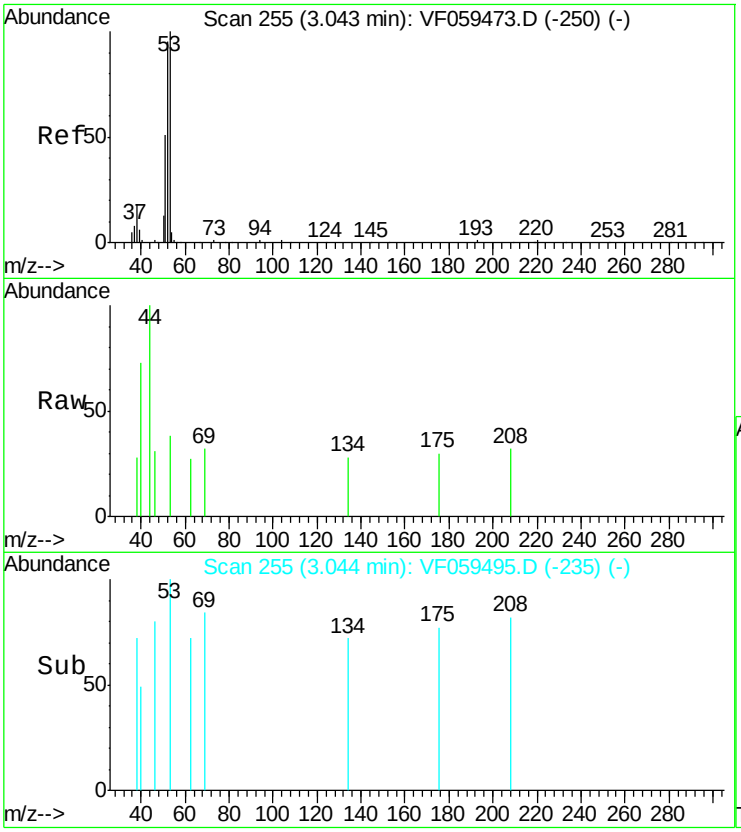


#14
Allyl chloride
Concen: 5.733 ug/l
RT: 2.17 min Scan# 166
Delta R.T. 0.00 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 41 Resp: 154

Ion	Ratio	Lower	Upper
41	100		
39	95.4	120.7	181.1#
76	0.0	24.0	36.0#



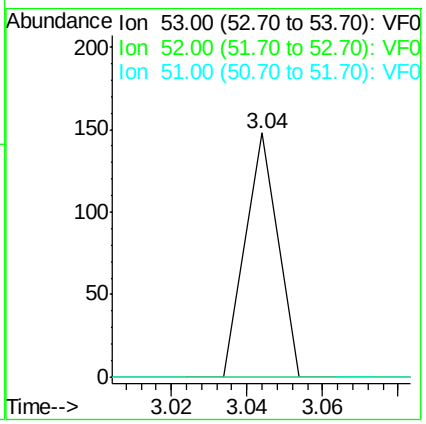


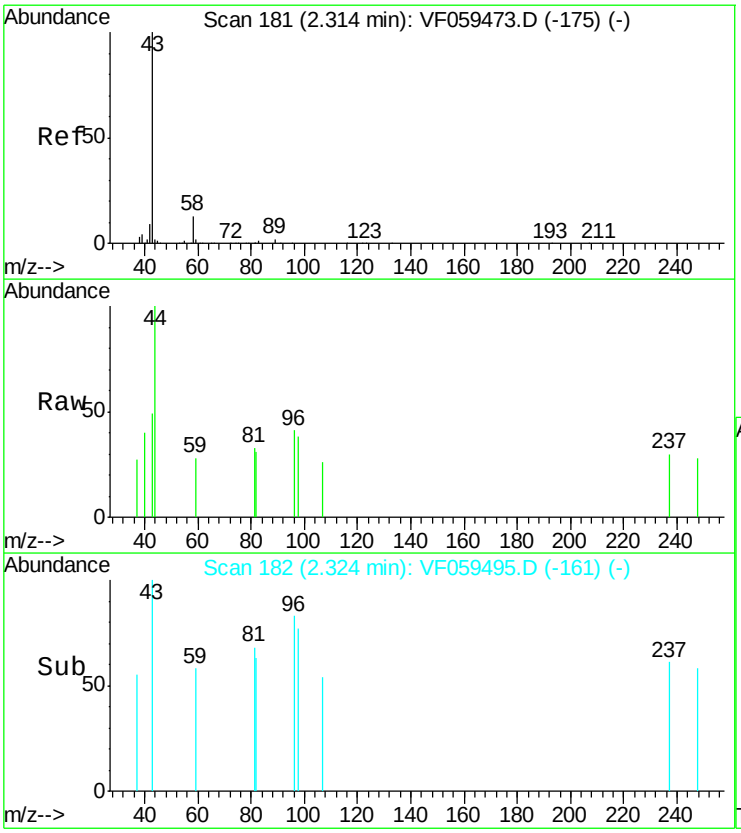
#15
Acrylonitrile
Concen: 29.713 ug/l
RT: 3.04 min Scan# 255
Delta R.T. 0.00 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 88

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.8	115.2#
51	0.0	41.8	62.8#

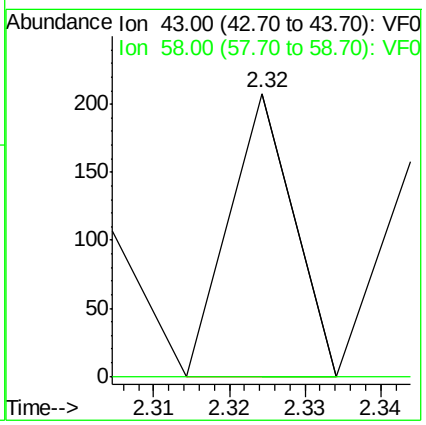


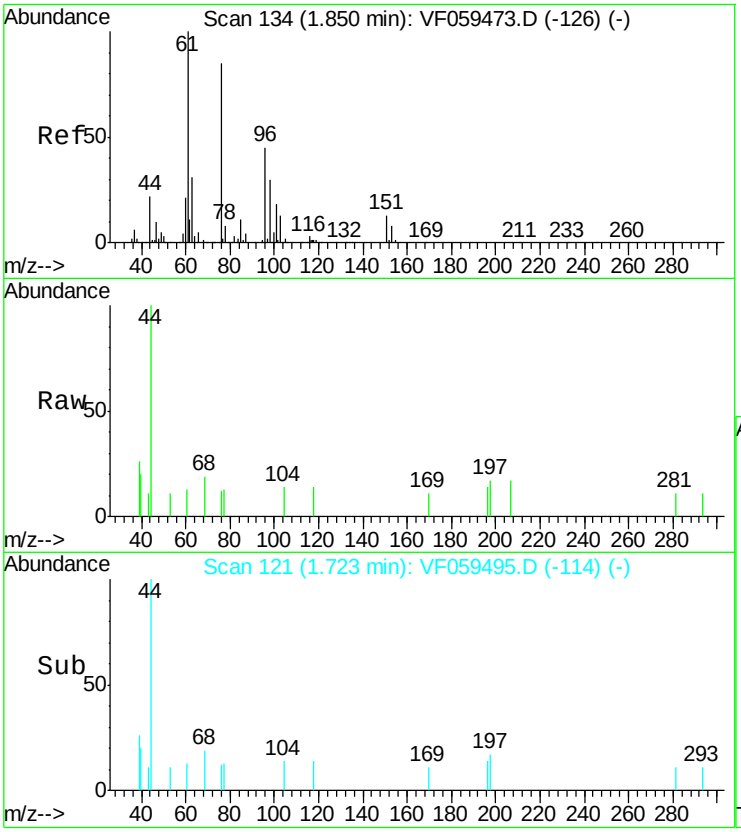


#16
Acetone
Concen: 23.097 ug/l
RT: 2.32 min Scan# 182
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 43 Resp: 123

Ion	Ratio	Lower	Upper
43	100		
58	0.0	10.5	15.7#



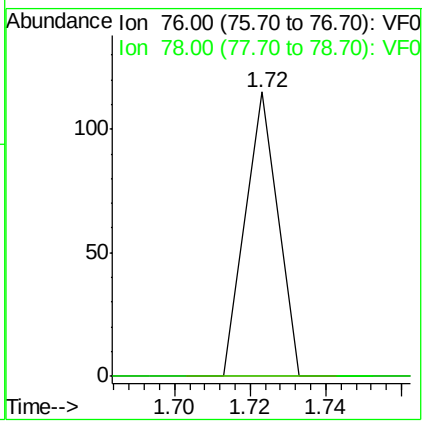


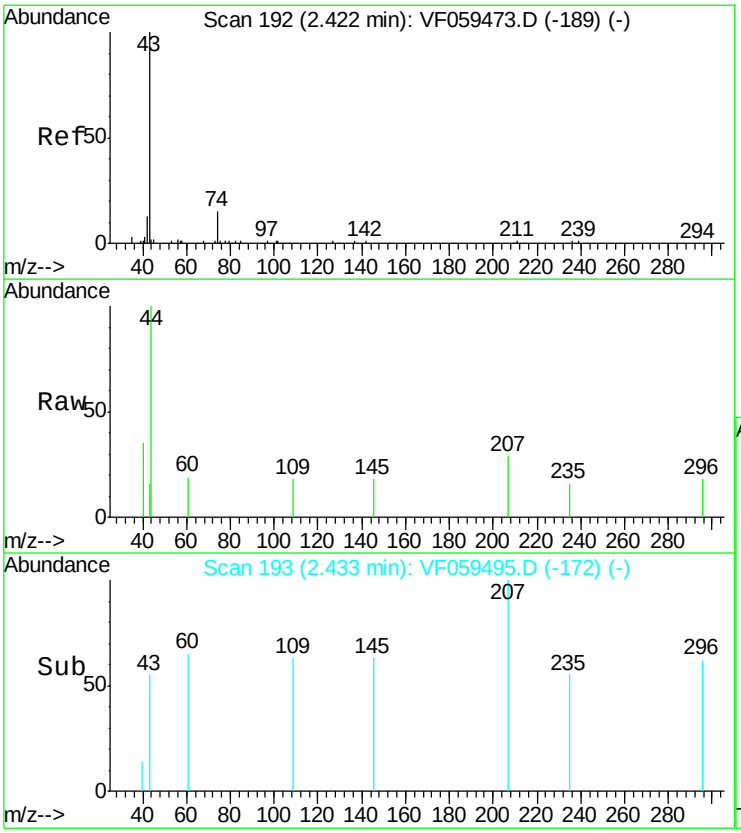
#17
Carbon Disulfide
Concen: 1.671 ug/l
RT: 1.72 min Scan# 121
Delta R.T. -0.13 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 76 Resp: 68

Ion	Ratio	Lower	Upper
76	100		
78	0.0	8.0	12.0#

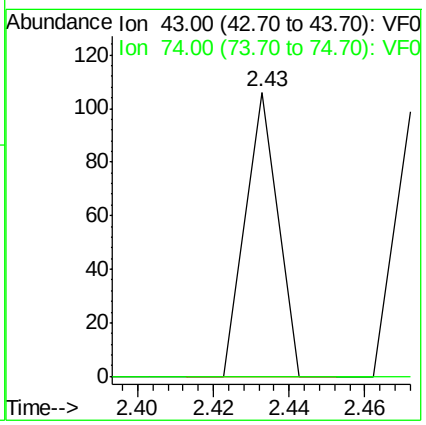


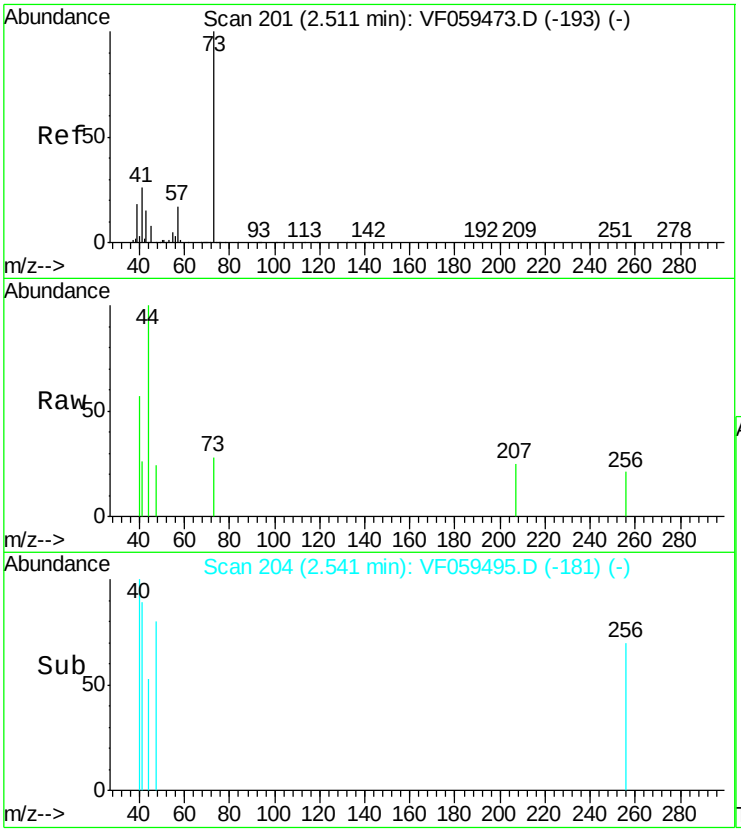


#18
Methyl Acetate
Concen: 5.095 ug/l
RT: 2.43 min Scan# 193
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 43 Resp: 63

Ion	Ratio	Lower	Upper
43	100		
74	0.0	10.8	16.2#



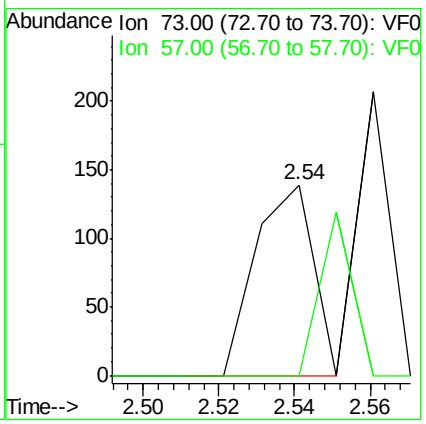


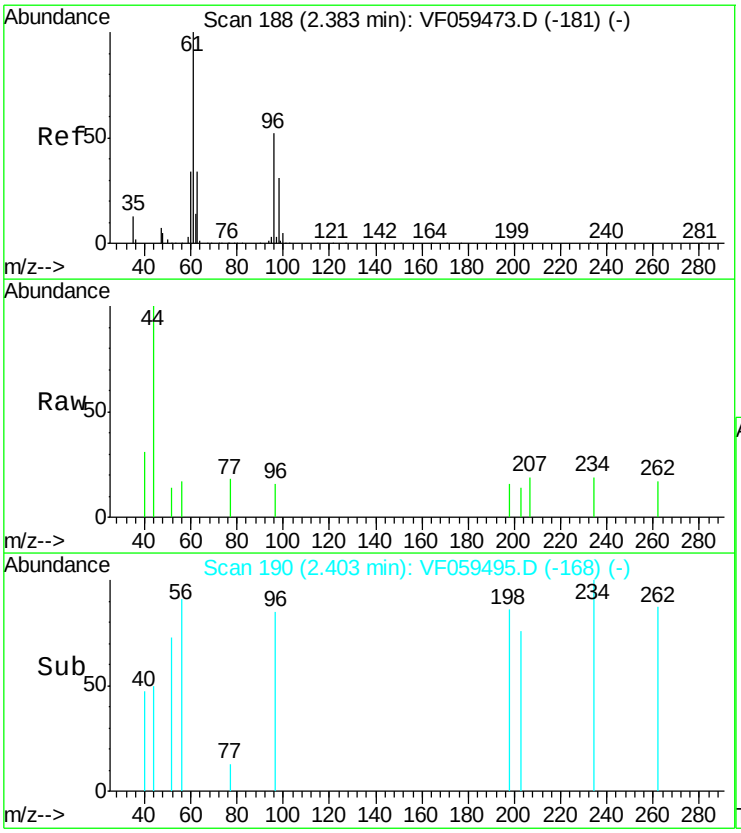
#19
Methyl tert-butyl Ether
Concen: 2.936 ug/l
RT: 2.54 min Scan# 204
Delta R.T. 0.03 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 73 Resp: 148

Ion	Ratio	Lower	Upper
73	100		
57	0.0	13.7	20.5#

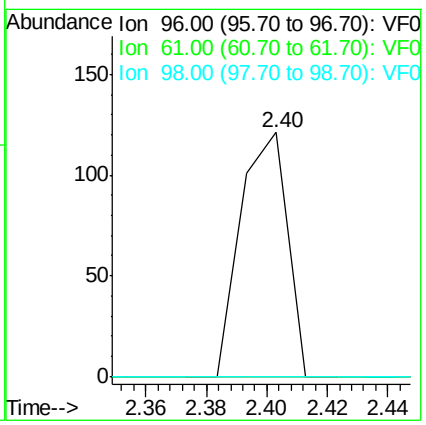


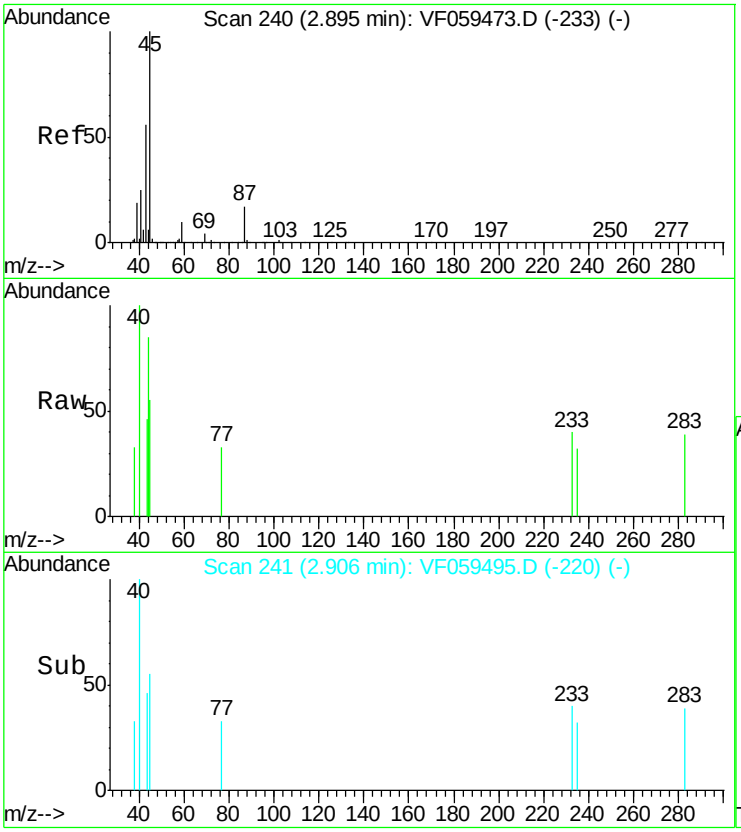


#21
trans-1,2-Dichloroethene
Concen: 7.957 ug/l
RT: 2.40 min Scan# 190
Delta R.T. 0.02 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 96 Resp: 131

Ion	Ratio	Lower	Upper
96	100		
61	0.0	154.3	231.5#
98	0.0	48.2	72.4#



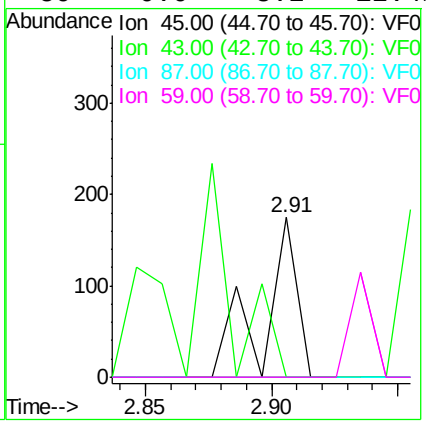


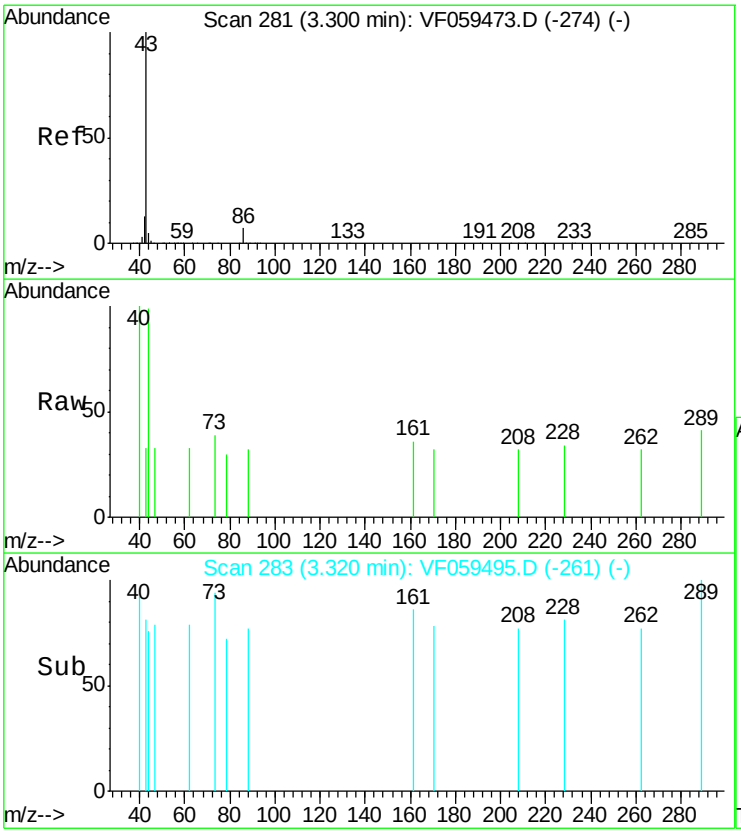
#22
Diisopropyl ether
Concen: 2.929 ug/l
RT: 2.91 min Scan# 241
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 45 Resp: 163

Ion	Ratio	Lower	Upper
45	100		
43	0.0	45.4	68.2#
87	0.0	13.5	20.3#
59	0.0	8.2	12.4#

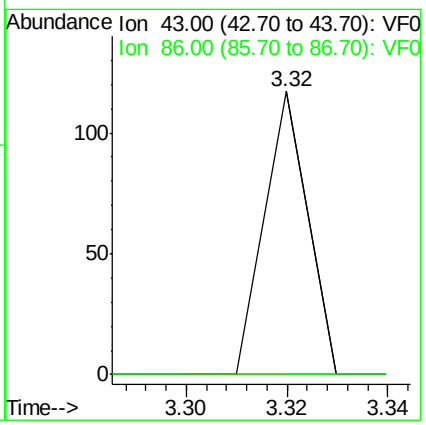


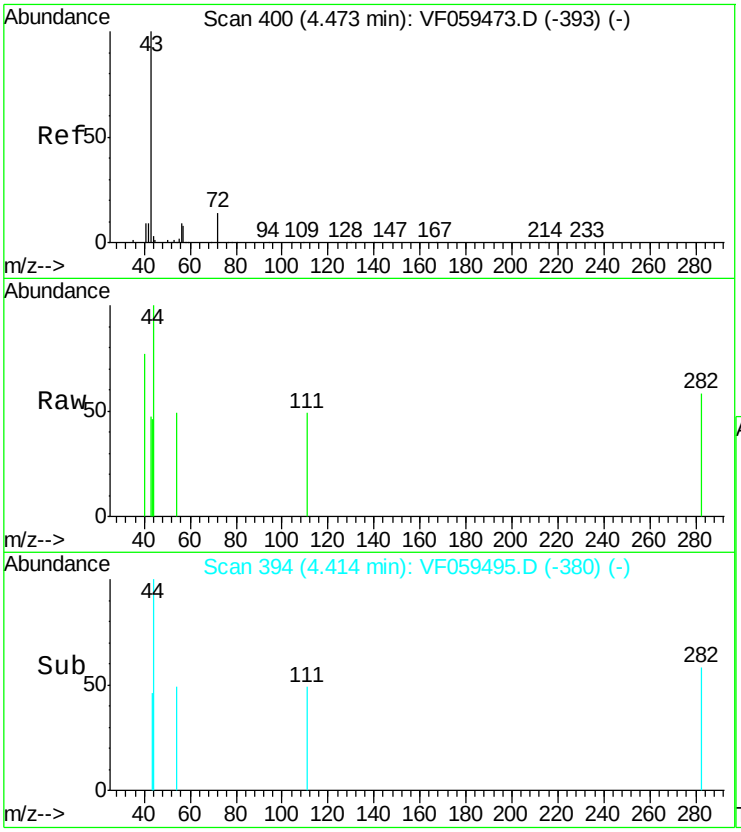


#23
Vinyl Acetate
Concen: 2.136 ug/l
RT: 3.32 min Scan# 283
Delta R.T. 0.02 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 43 Resp: 69

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.3	7.9#



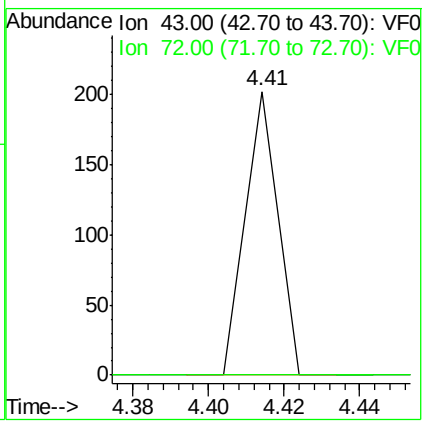


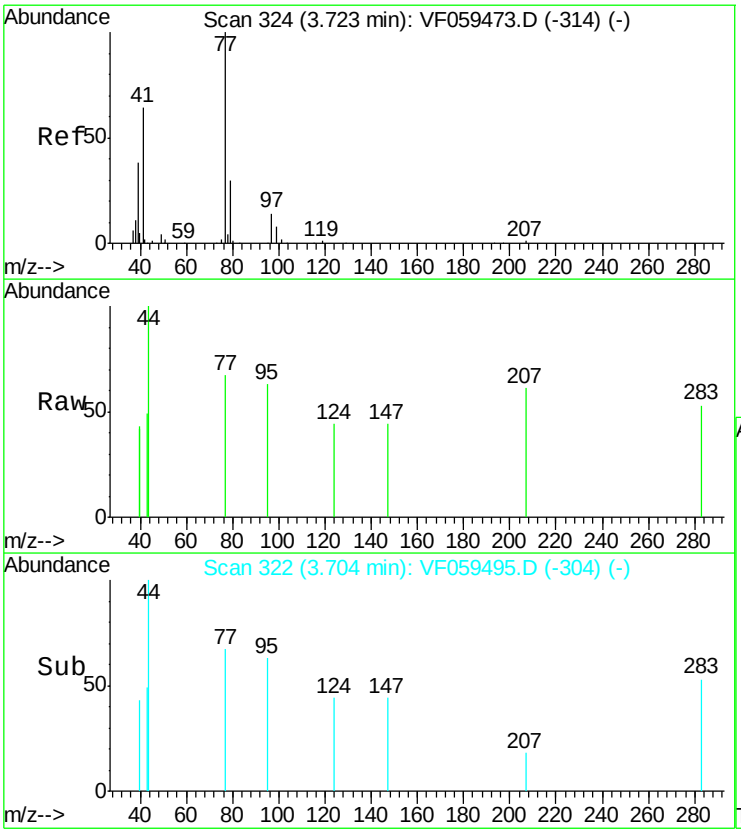
#25
2-Butanone
Concen: 16.400 ug/l
RT: 4.41 min Scan# 394
Delta R.T. -0.06 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 119

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.8	20.8#

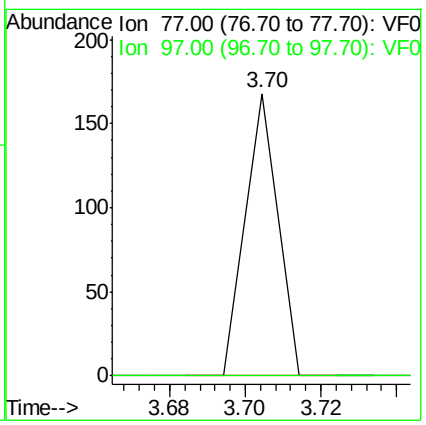


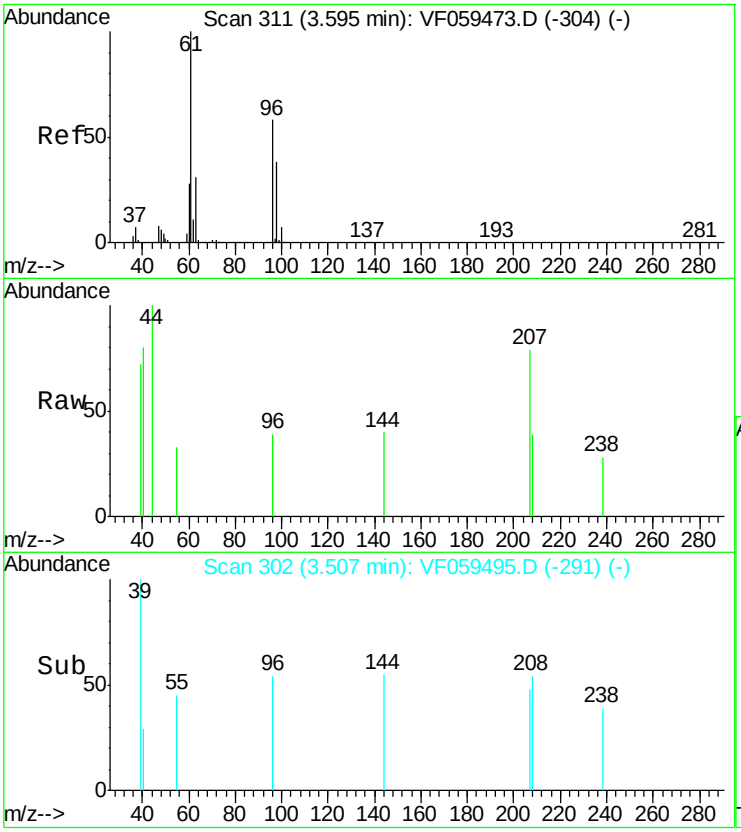


#26
2,2-Dichloropropane
Concen: 4.615 ug/l
RT: 3.70 min Scan# 322
Delta R.T. -0.02 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 77 Resp: 99

Ion	Ratio	Lower	Upper
77	100		
97	0.0	7.7	23.1#



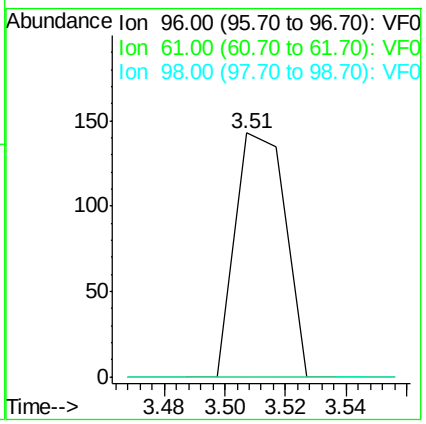


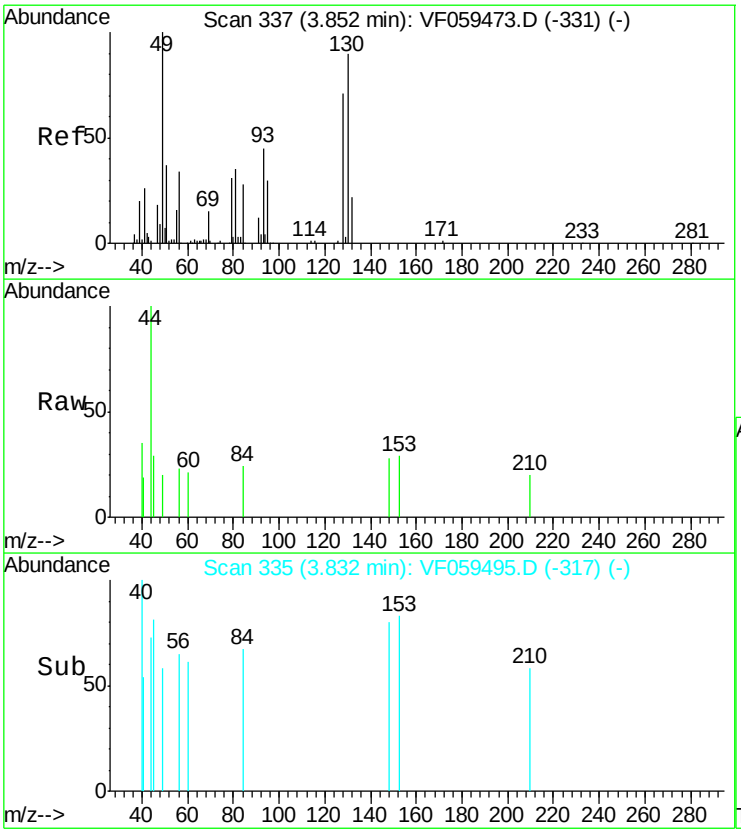
#27
cis-1,2-Dichloroethene
Concen: 8.105 ug/l
RT: 3.51 min Scan# 302
Delta R.T. -0.09 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 96 Resp: 164

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	342.0
98	0.0	0.0	130.0

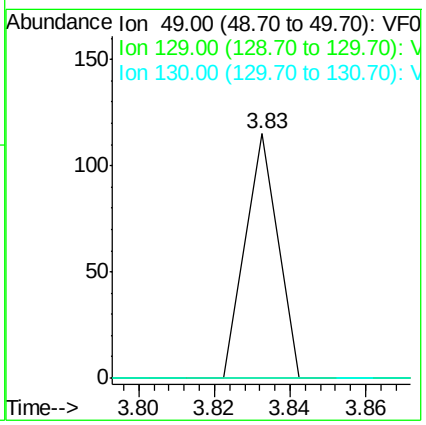


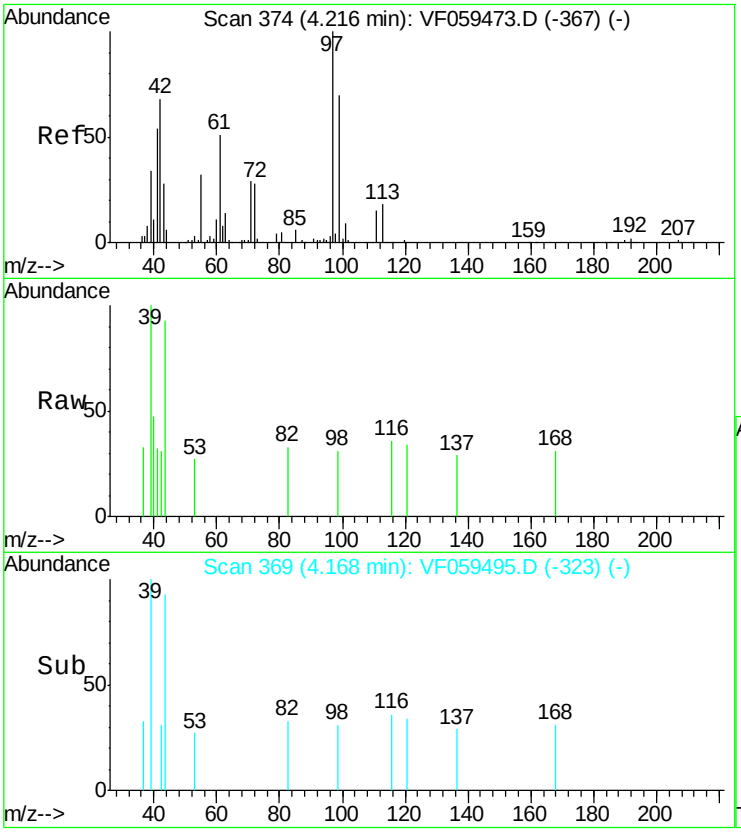


#28
Bromochloromethane
Concen: 4.403 ug/l
RT: 3.83 min Scan# 335
Delta R.T. -0.02 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 49 Resp: 68

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.2
130	0.0	71.4	107.0#



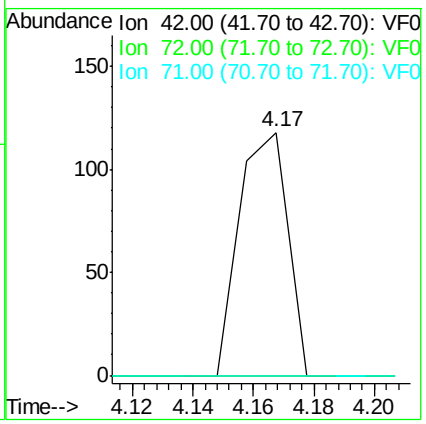


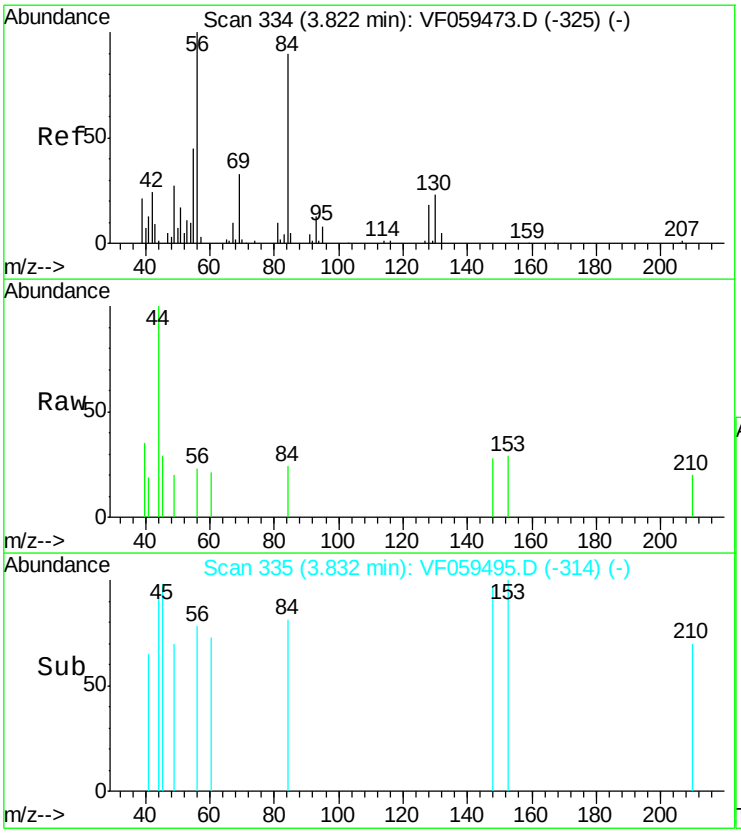
#29
Tetrahydrofuran
Concen: 38.514 ug/l
RT: 4.17 min Scan# 369
Delta R.T. -0.05 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 131

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.2	43.8#
71	0.0	30.1	45.1#

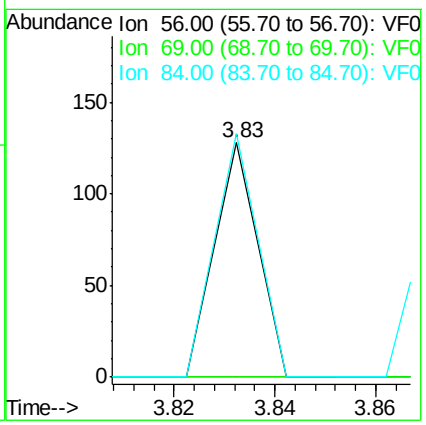


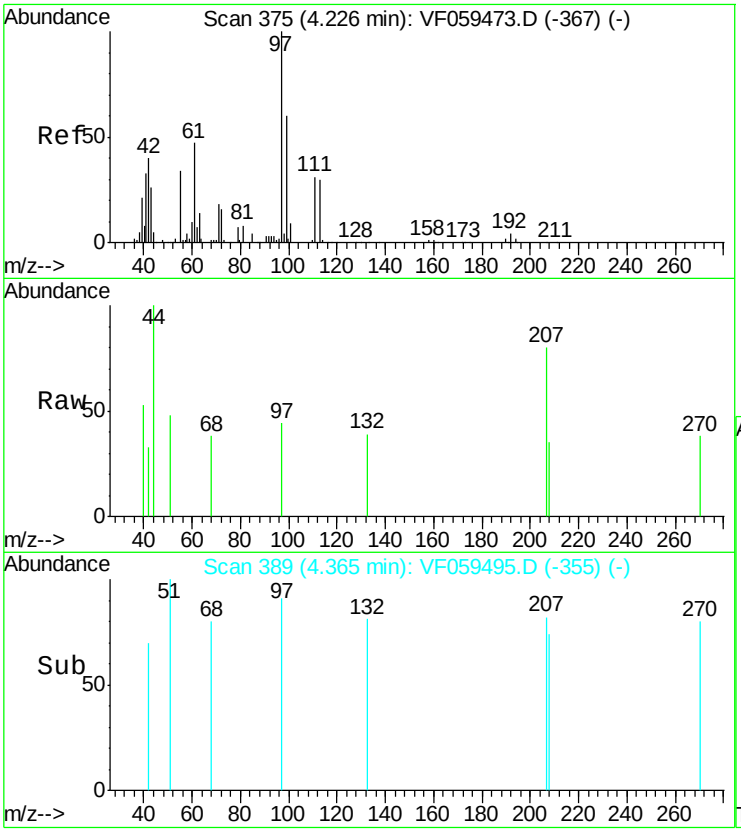


#31
Cyclohexane
Concen: 3.522 ug/l
RT: 3.83 min Scan# 335
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 56 Resp: 76

Ion	Ratio	Lower	Upper
56	100		
69	0.0	26.2	39.2#
84	103.9	72.3	108.5



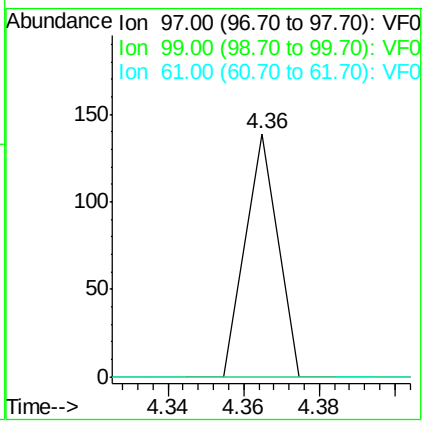


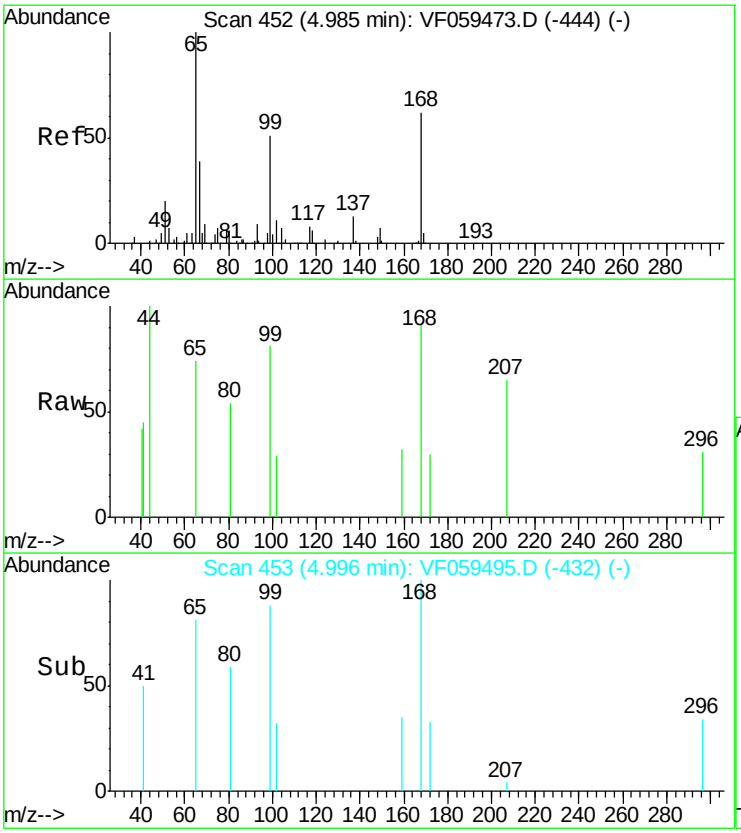
#32
1,1,1-Trichloroethane
Concen: 2.025 ug/l
RT: 4.36 min Scan# 389
Delta R.T. 0.14 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 97 Resp: 82

Ion	Ratio	Lower	Upper
97	100		
99	0.0	47.8	71.6#
61	0.0	37.9	56.9#

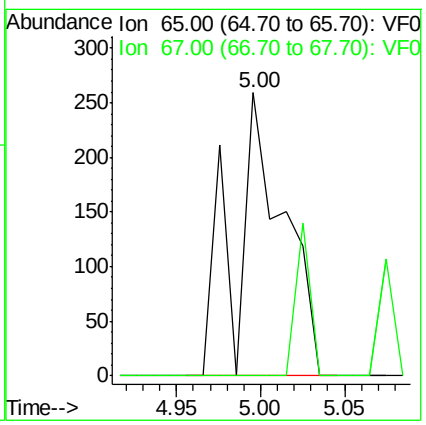


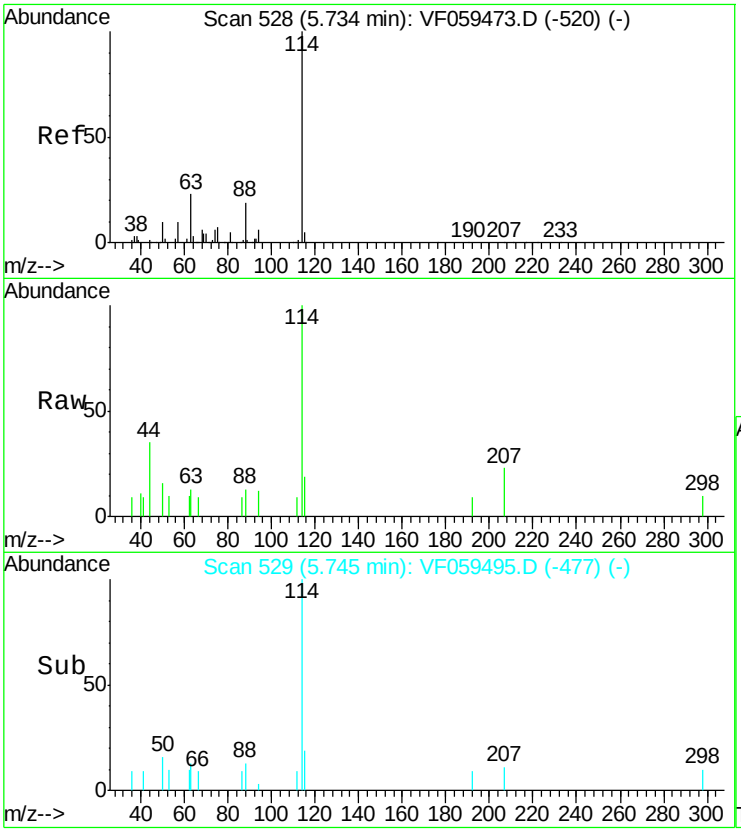


#33
1,2-Dichloroethane-d4
Concen: 14.661 ug/l
RT: 5.00 min Scan# 453
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 65 Resp: 522

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	88.6



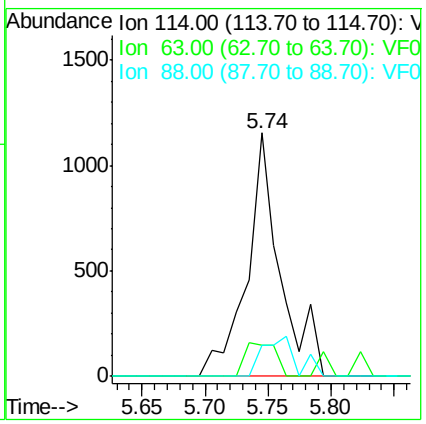


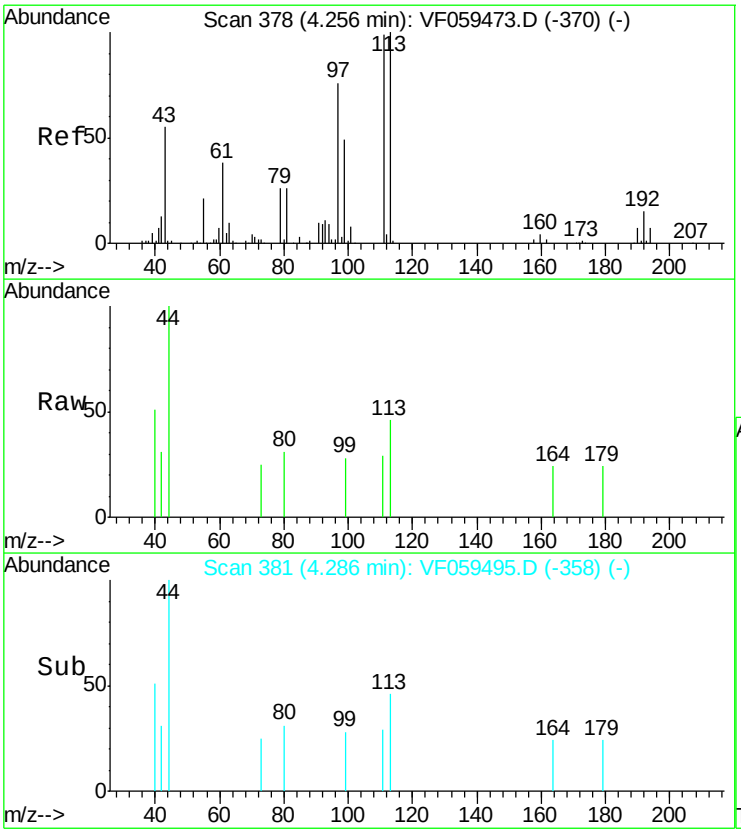
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.74 min Scan# 529
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 2119

Ion	Ratio	Lower	Upper
114	100		
63	12.6	0.0	47.2
88	13.0	0.0	38.0

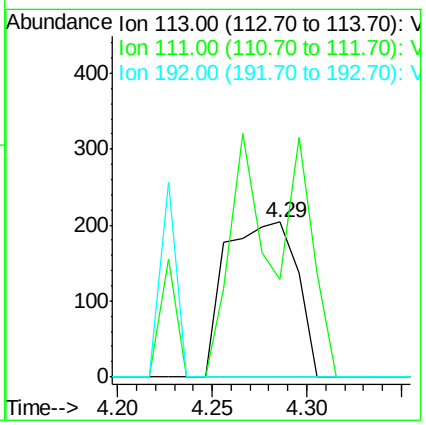


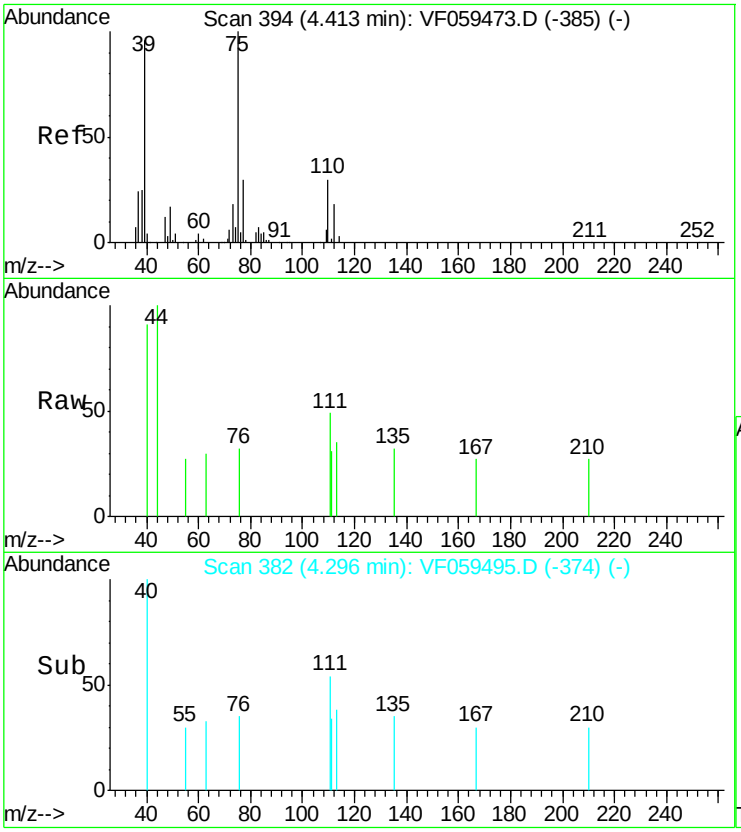


#35
Dibromofluoromethane
Concen: 26.067 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.03 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion:113 Resp: 530

Ion	Ratio	Lower	Upper
113	100		
111	62.7	79.3	118.9#
192	0.0	12.0	18.0#



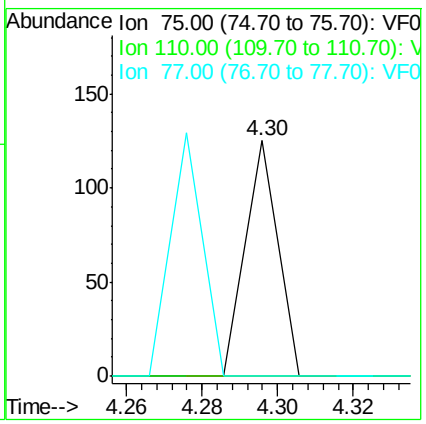


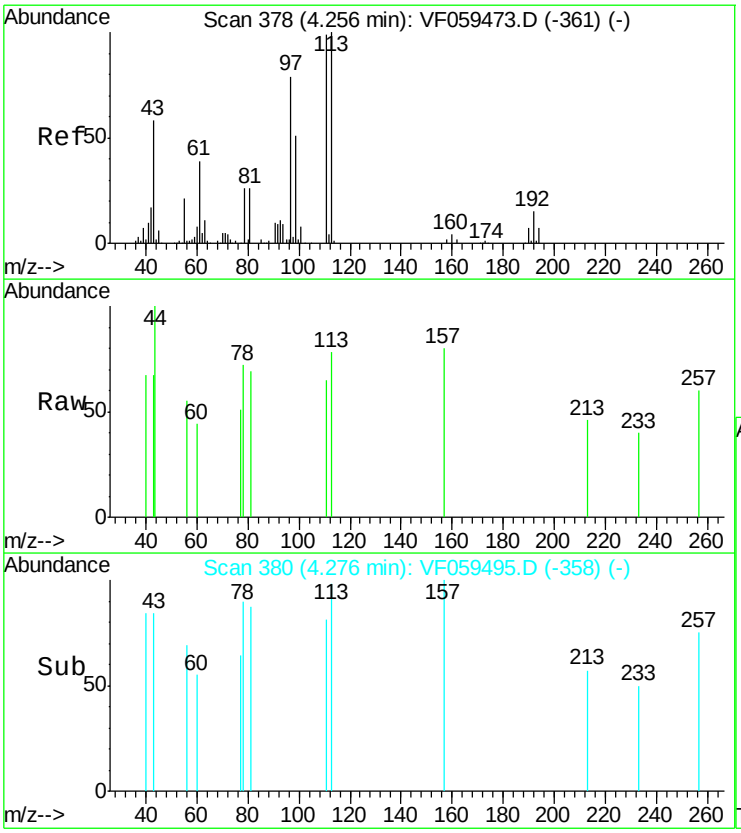
#36
1,1-Dichloropropene
Concen: 3.306 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.12 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 74

Ion	Ratio	Lower	Upper
75	100		
110	0.0	15.2	45.5#
77	0.0	24.2	36.2#

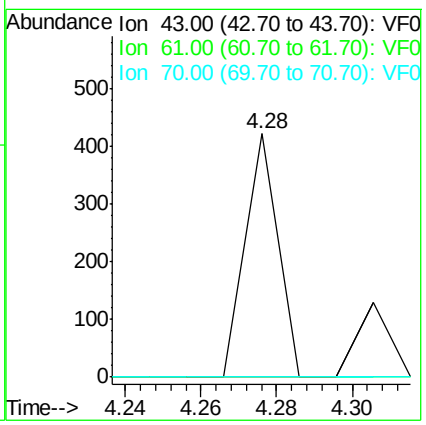


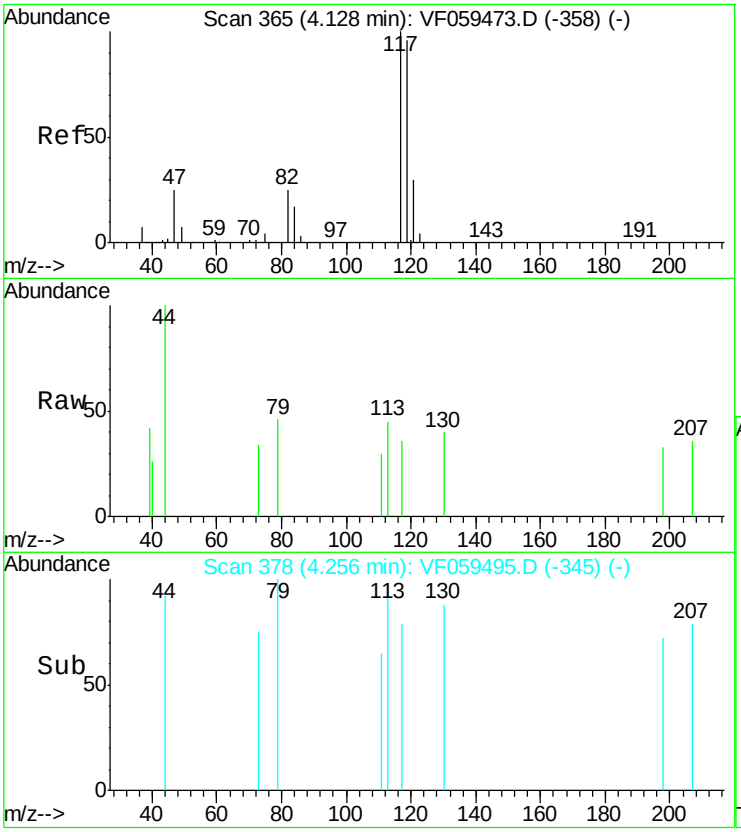


#37
Ethyl Acetate
Concen: 19.035 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.02 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 43 Resp: 250

Ion	Ratio	Lower	Upper
43	100		
61	0.0	54.2	81.4#
70	0.0	7.0	10.6#



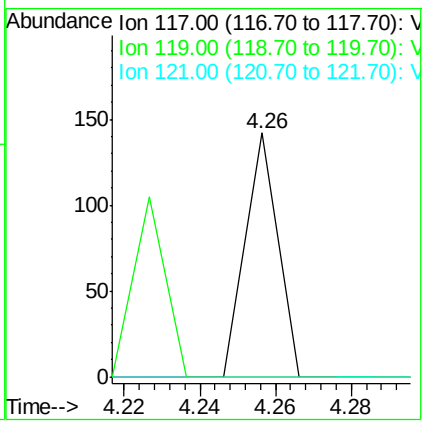


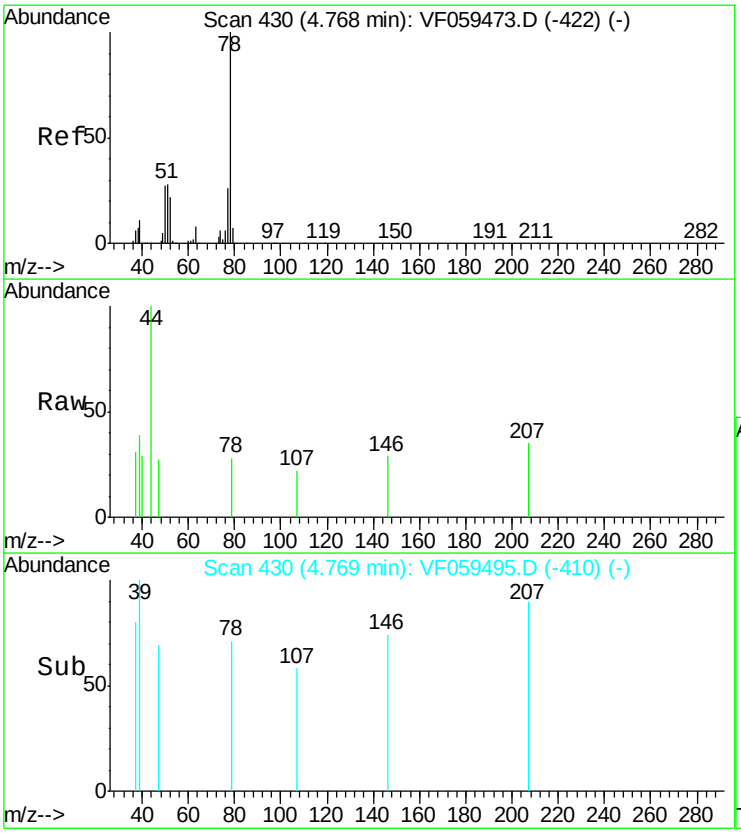
#38
Carbon Tetrachloride
Concen: 2.626 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.13 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 84

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.5	114.7#
121	0.0	23.6	35.4#

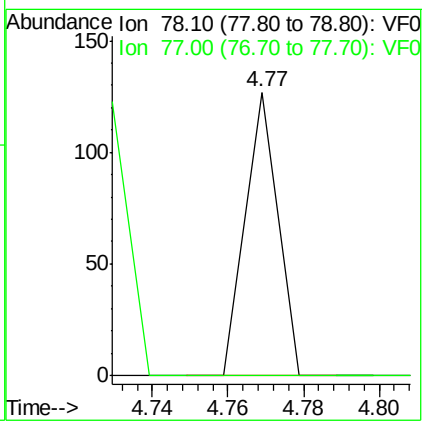


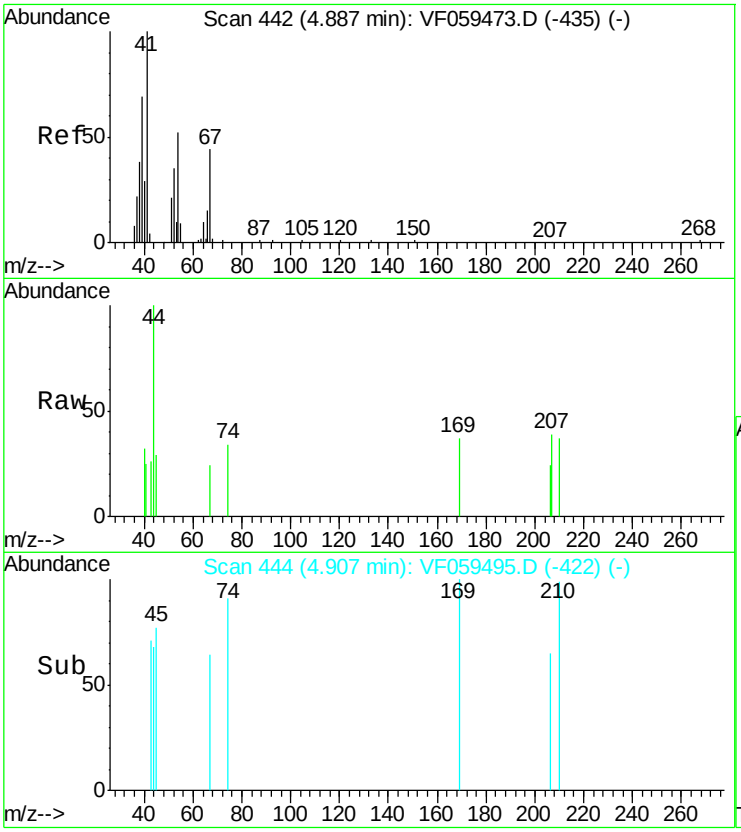


#40
Benzene
Concen: 1.710 ug/l
RT: 4.77 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 78 Resp: 75

Ion	Ratio	Lower	Upper
78	100		
77	0.0	20.8	31.2#



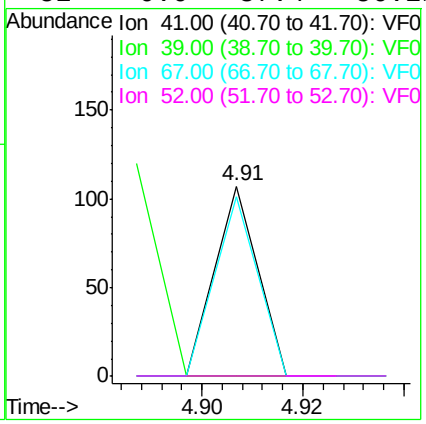


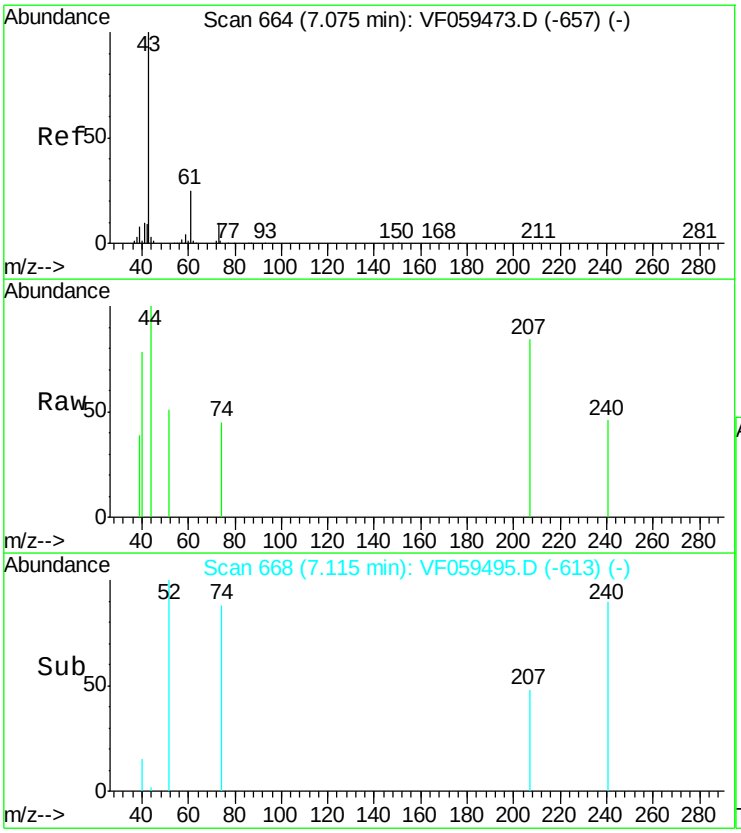
#41
Methacrylonitrile
Concen: 10.442 ug/l
RT: 4.91 min Scan# 444
Delta R.T. 0.02 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 63

Ion	Ratio	Lower	Upper
41	100		
39	0.0	61.7	92.5#
67	94.4	35.4	53.2#
52	0.0	37.4	56.2#

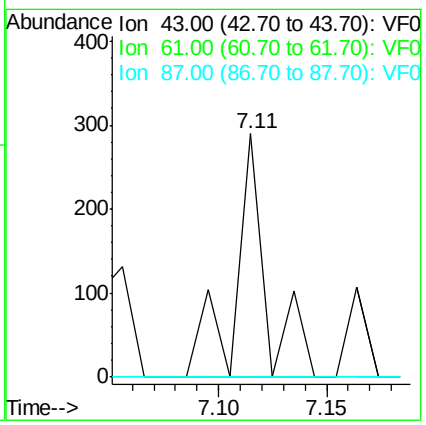


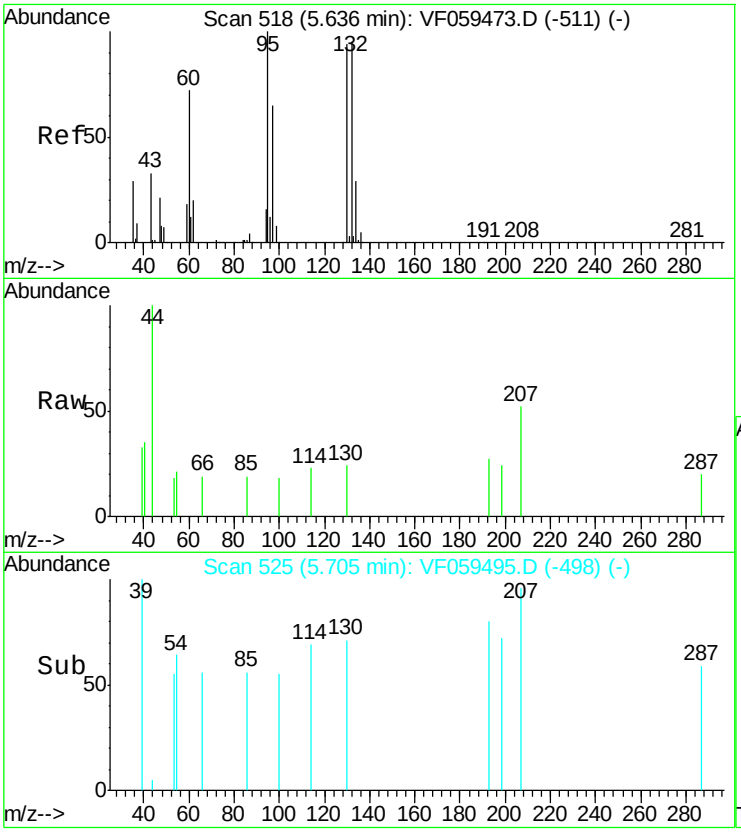


#43
Isopropyl Acetate
Concen: 19.554 ug/l
RT: 7.11 min Scan# 668
Delta R.T. 0.04 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 43 Resp: 294

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.3	30.5#
87	0.0	0.3	0.5#



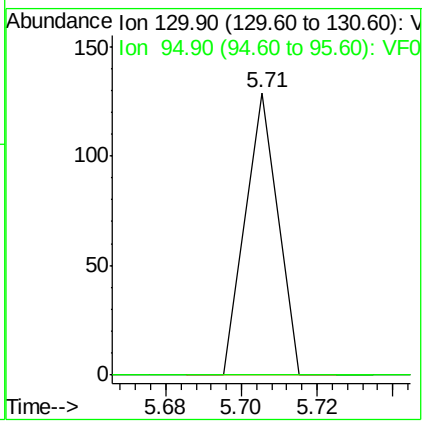


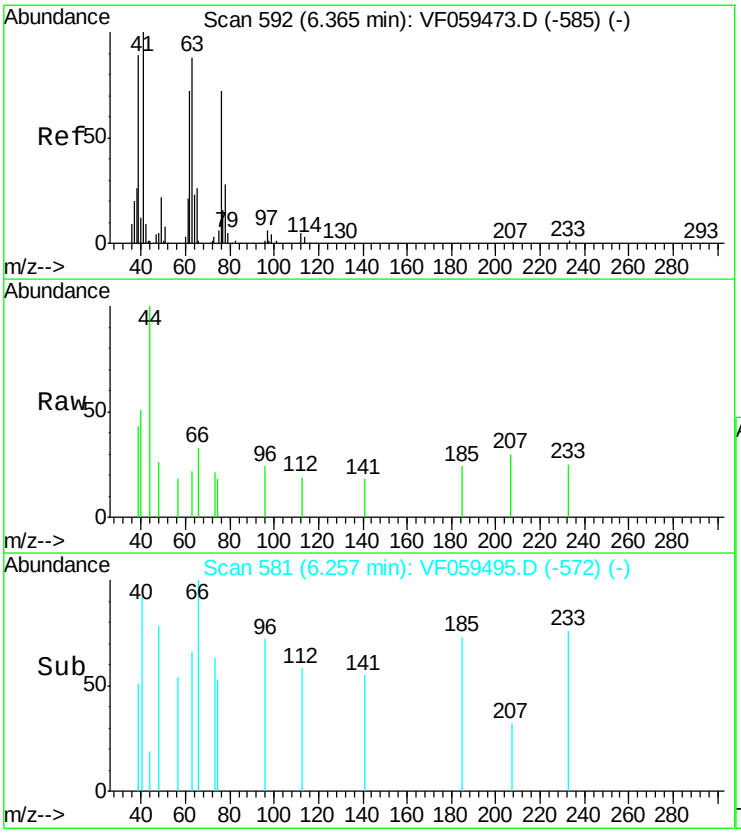
#44
Trichloroethene
Concen: 4.698 ug/l
RT: 5.71 min Scan# 525
Delta R.T. 0.07 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:130 Resp: 76

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	214.6

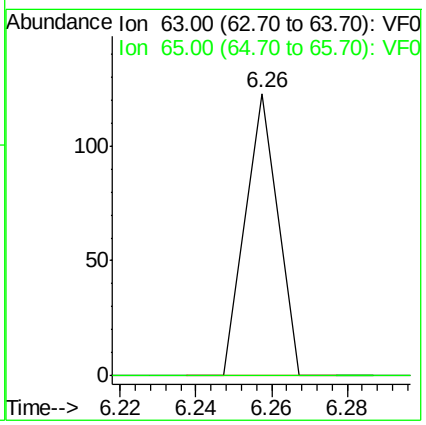


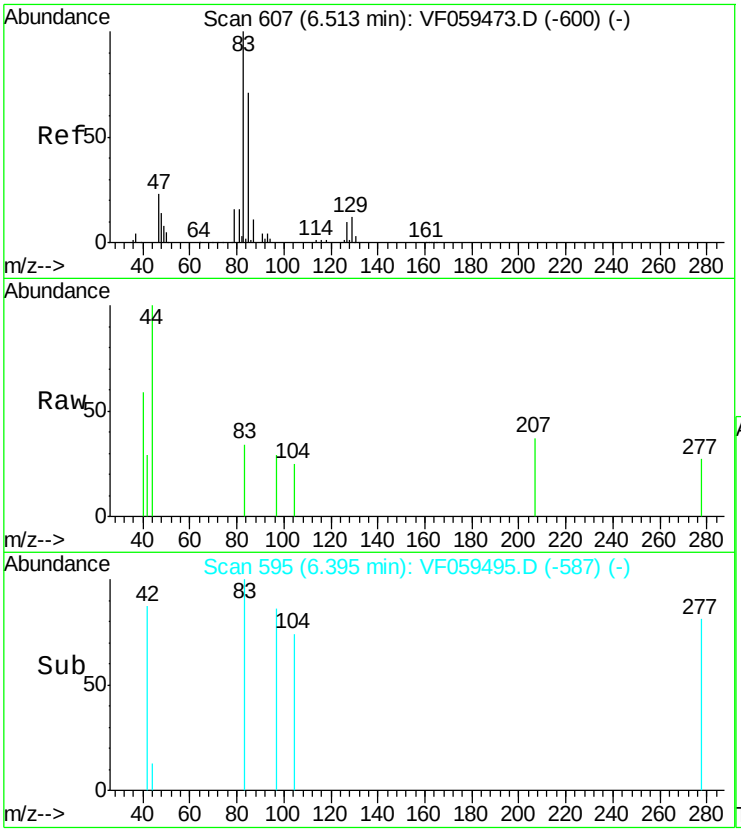


#45
1,2-Dichloropropane
Concen: 5.797 ug/l
RT: 6.26 min Scan# 581
Delta R.T. -0.11 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 63 Resp: 73

Ion	Ratio	Lower	Upper
63	100		
65	152.0	23.5	35.3#



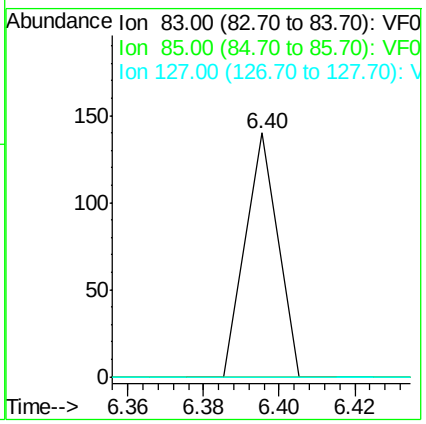


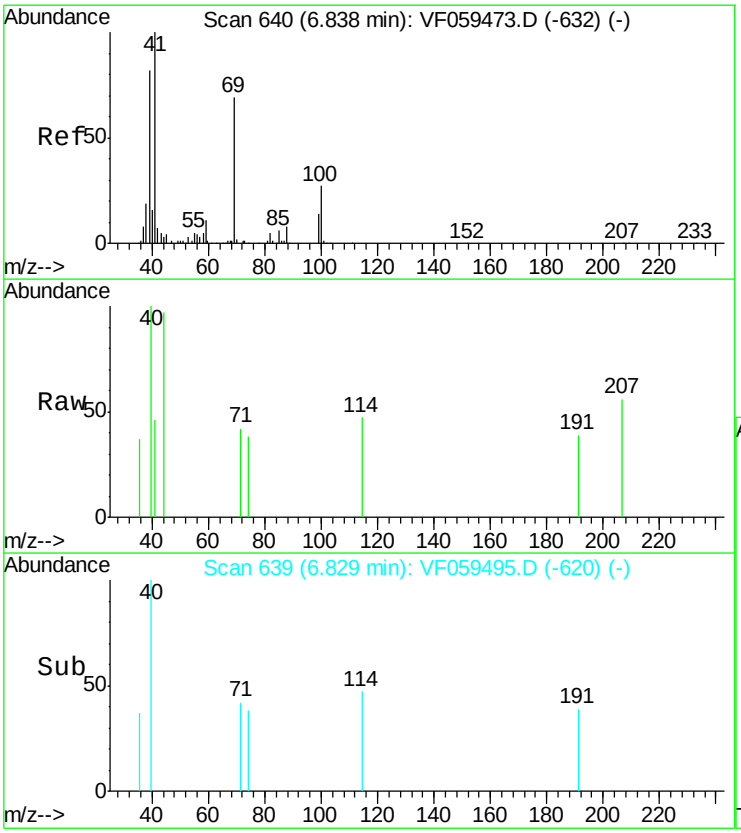
#47
Bromodichloromethane
Concen: 2.826 ug/l
RT: 6.40 min Scan# 595
Delta R.T. -0.12 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 83

Ion	Ratio	Lower	Upper
83	100		
85	0.0	56.6	84.8#
127	0.0	8.1	12.1#

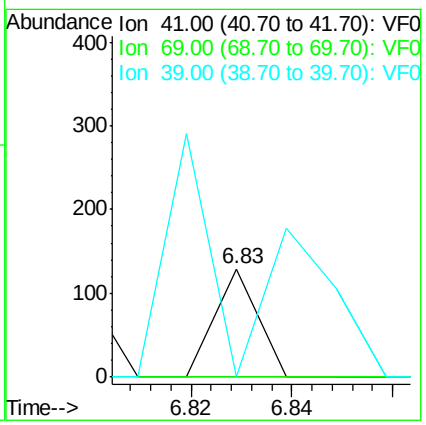


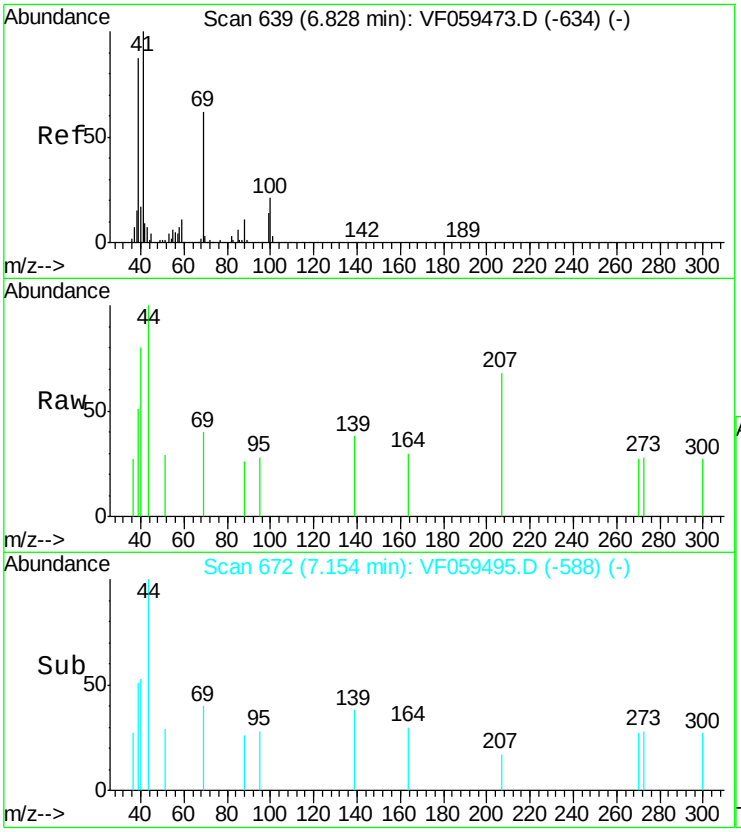


#48
Methyl methacrylate
Concen: 7.084 ug/l
RT: 6.83 min Scan# 639
Delta R.T. -0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 41 Resp: 76

Ion	Ratio	Lower	Upper
41	100		
69	0.0	55.6	83.4#
39	0.0	66.0	99.0#



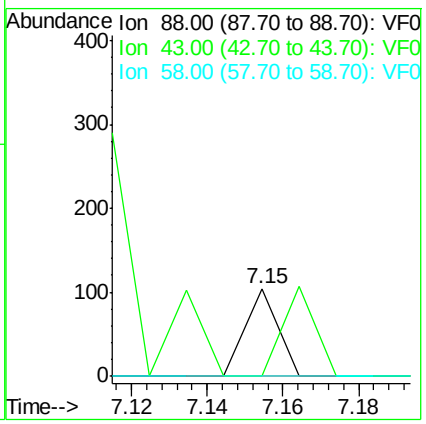


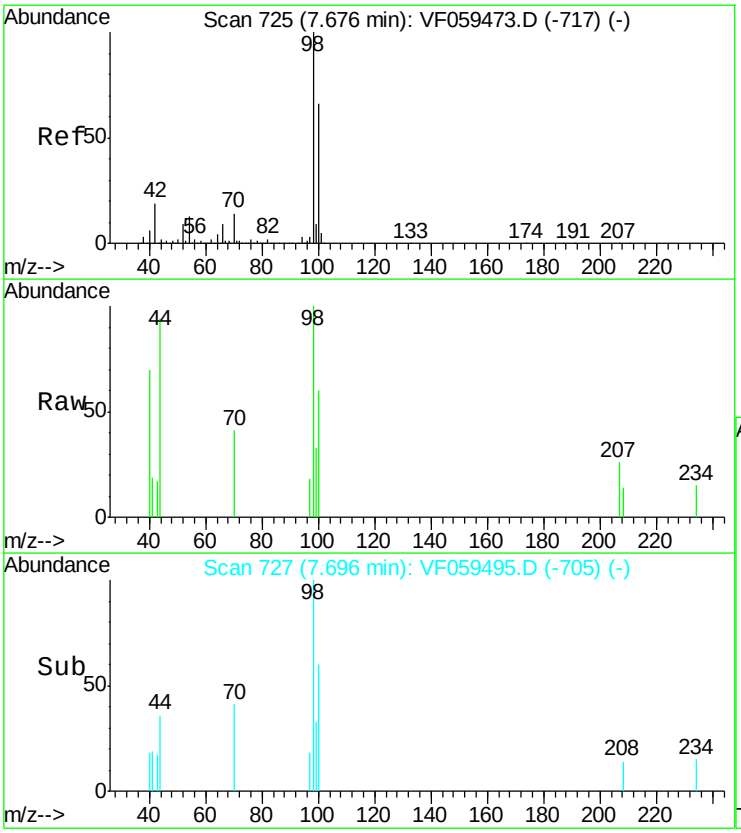
#49
1,4-Dioxane
Concen: 1252.699 ug/l
RT: 7.15 min Scan# 672
Delta R.T. 0.33 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	0.0	57.3	85.9#
58	0.0	54.6	81.8#

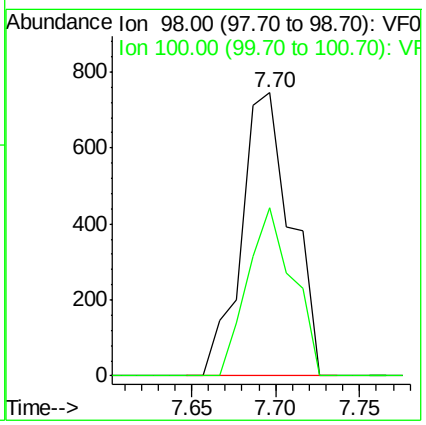


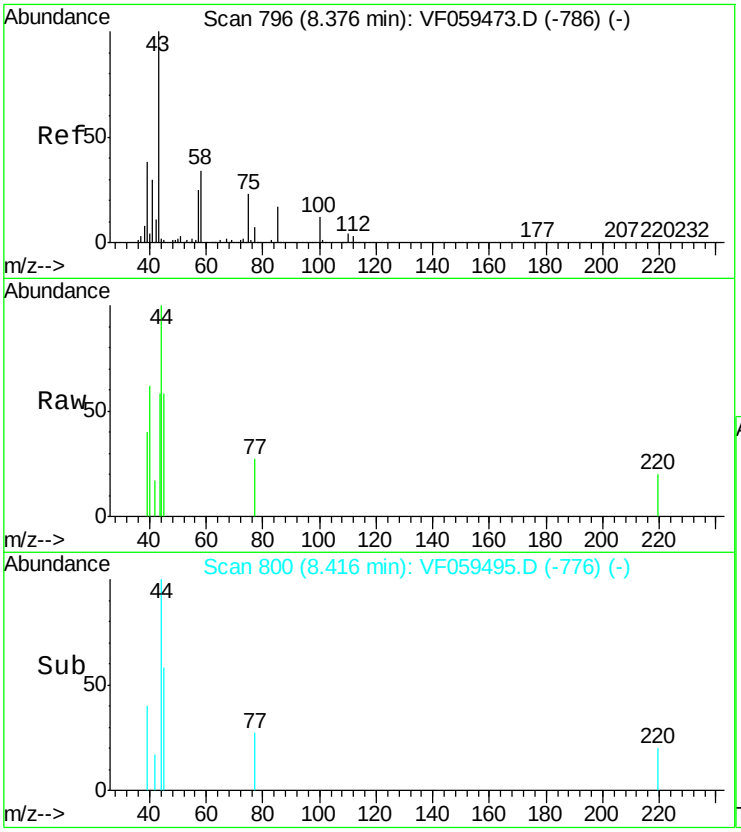


#50
Toluene-d8
Concen: 31.863 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.02 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 98 Resp: 1524

Ion	Ratio	Lower	Upper
98	100		
100	59.6	52.6	78.8



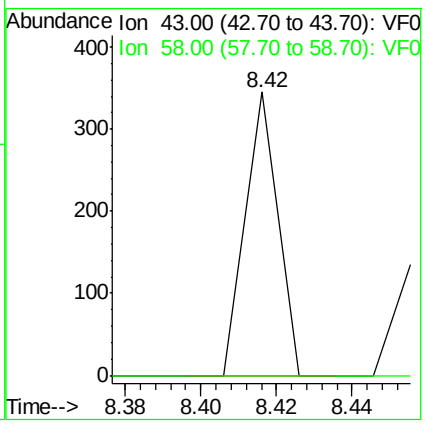


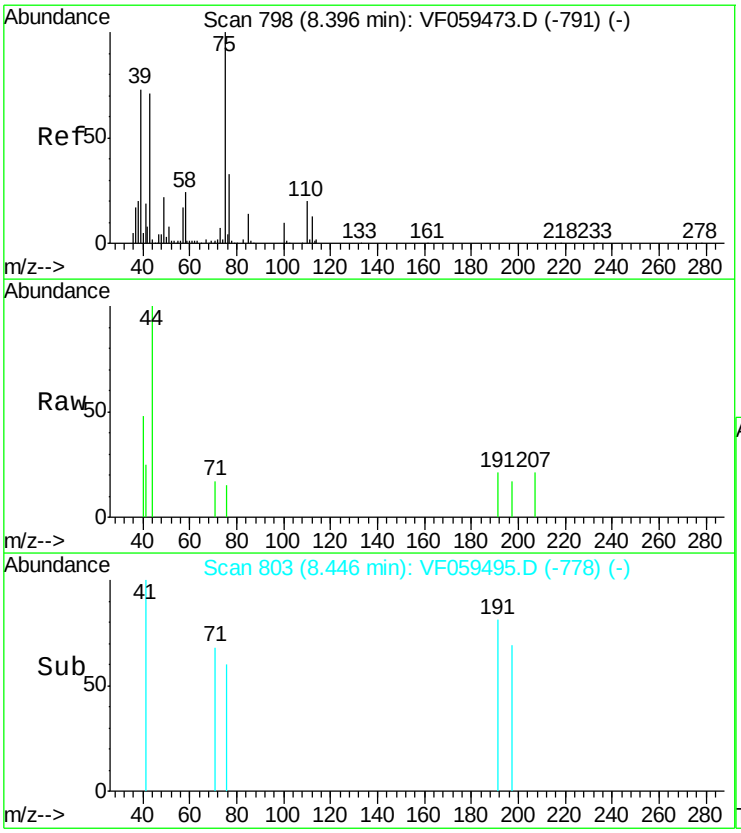
#51
4-Methyl-2-Pentanone
Concen: 18.209 ug/l
RT: 8.42 min Scan# 800
Delta R.T. 0.04 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 204

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.4	41.2#

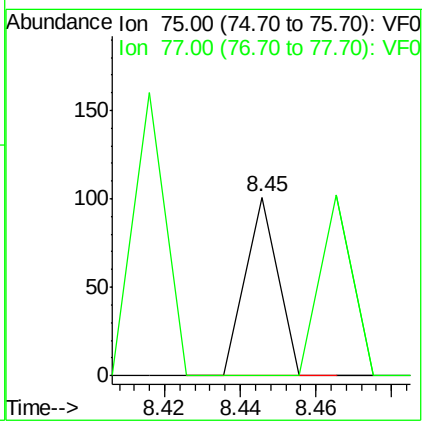


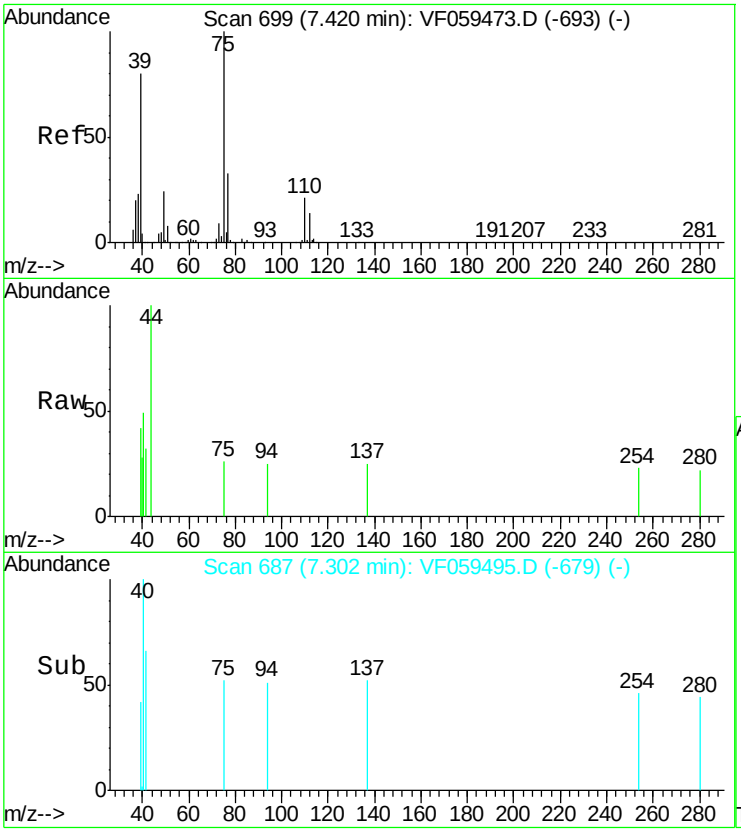


#53
t-1,3-Dichloropropene
Concen: 2.359 ug/l
RT: 8.45 min Scan# 803
Delta R.T. 0.05 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 75 Resp: 60

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.4	39.6#



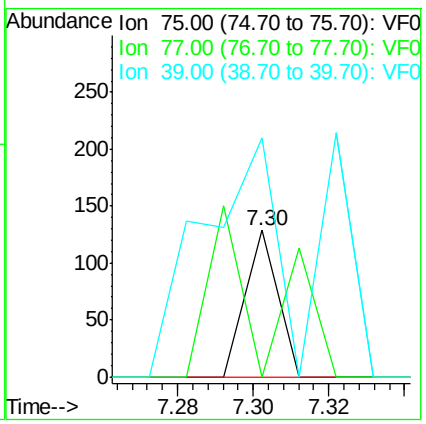


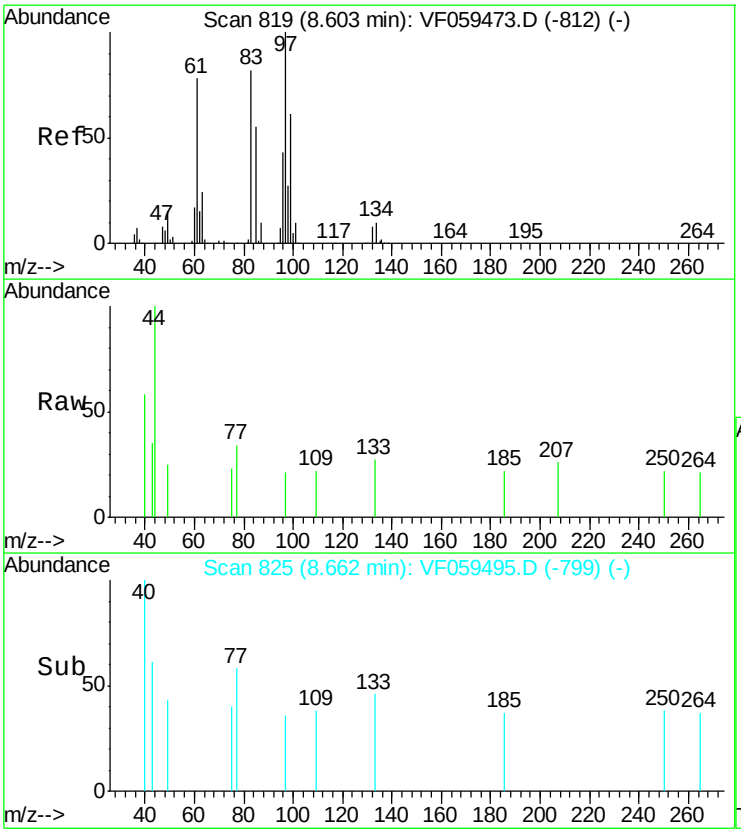
#54
cis-1,3-Dichloropropene
Concen: 2.994 ug/l
RT: 7.30 min Scan# 687
Delta R.T. -0.12 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 76

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.4#
39	162.8	64.5	96.7#

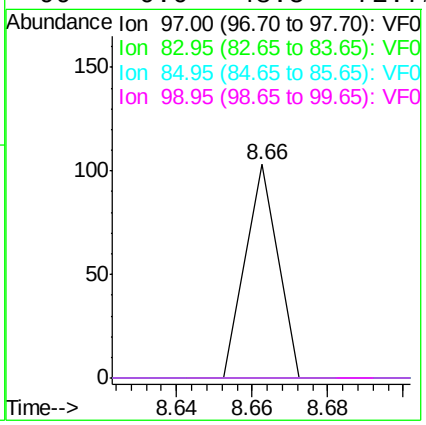


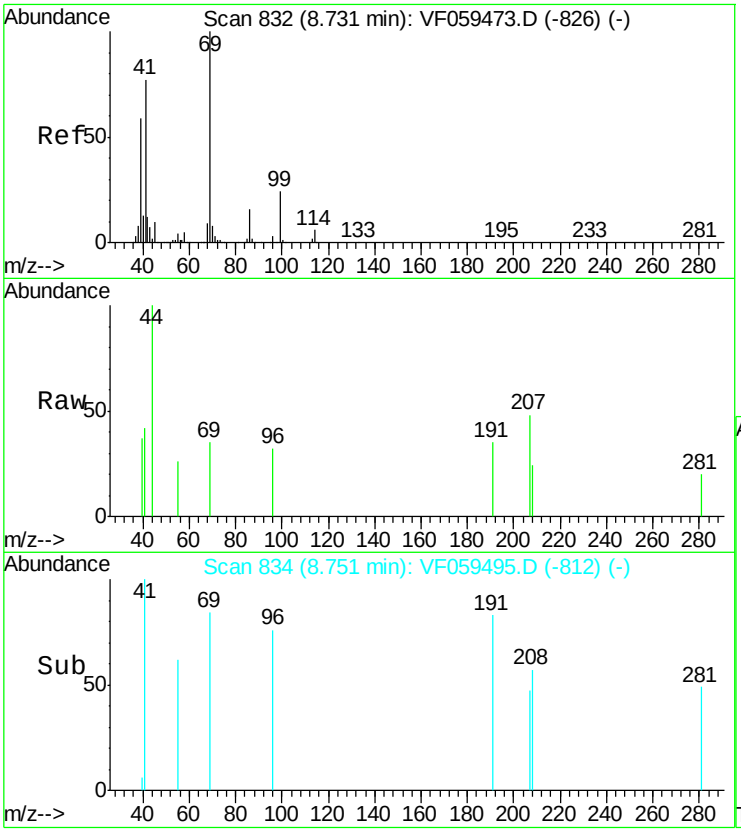


#55
1,1,2-Trichloroethane
Concen: 4.773 ug/l
RT: 8.66 min Scan# 825
Delta R.T. 0.06 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 97 Resp: 61

Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.7	98.5#
85	0.0	43.8	65.6#
99	0.0	48.5	72.7#



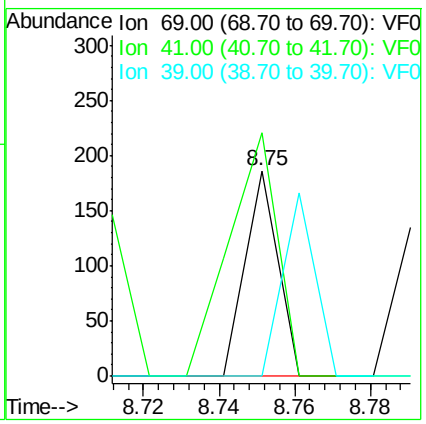


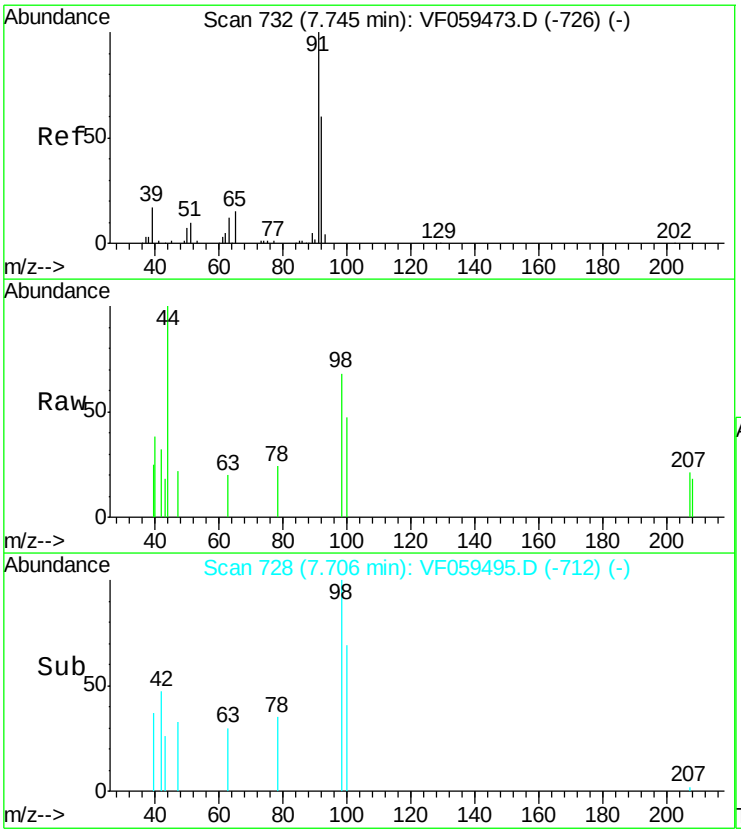
#56
Ethyl methacrylate
Concen: 7.609 ug/l
RT: 8.75 min Scan# 834
Delta R.T. 0.02 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 69 Resp: 110

Ion	Ratio	Lower	Upper
69	100		
41	118.8	62.2	93.4#
39	0.0	47.7	71.5#

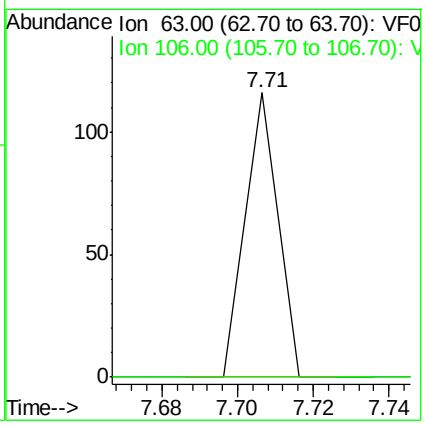


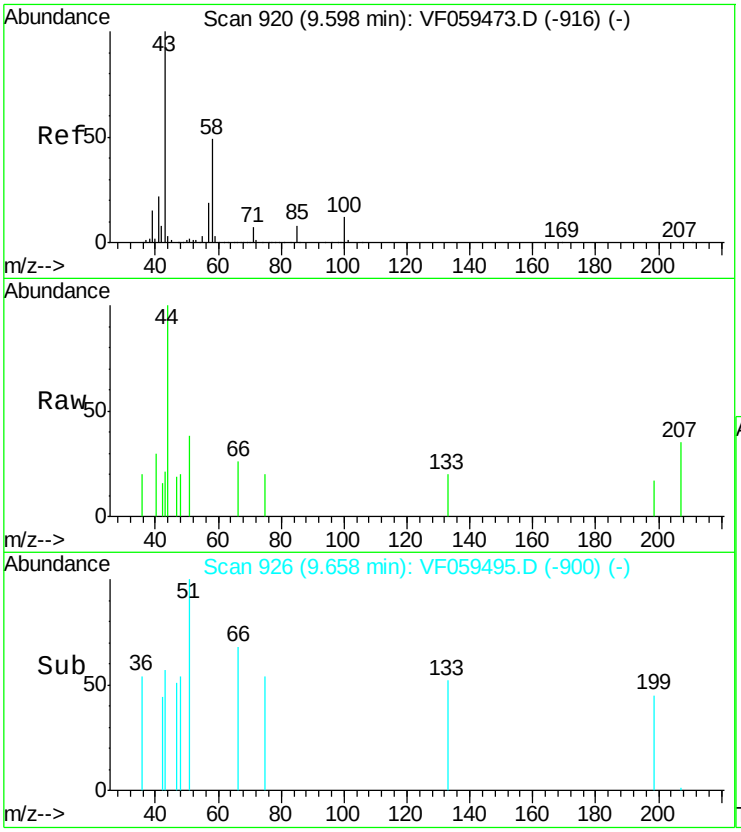


#58
2-Chloroethyl Vinyl ether
Concen: 49.837 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.04 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 63 Resp: 69

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



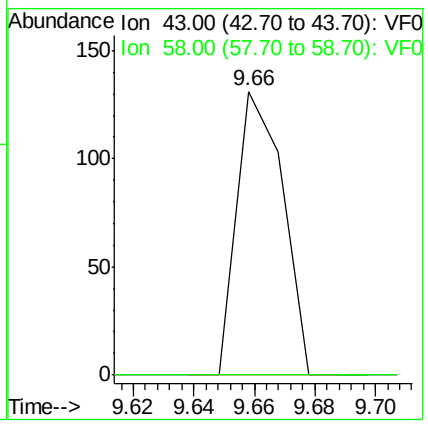


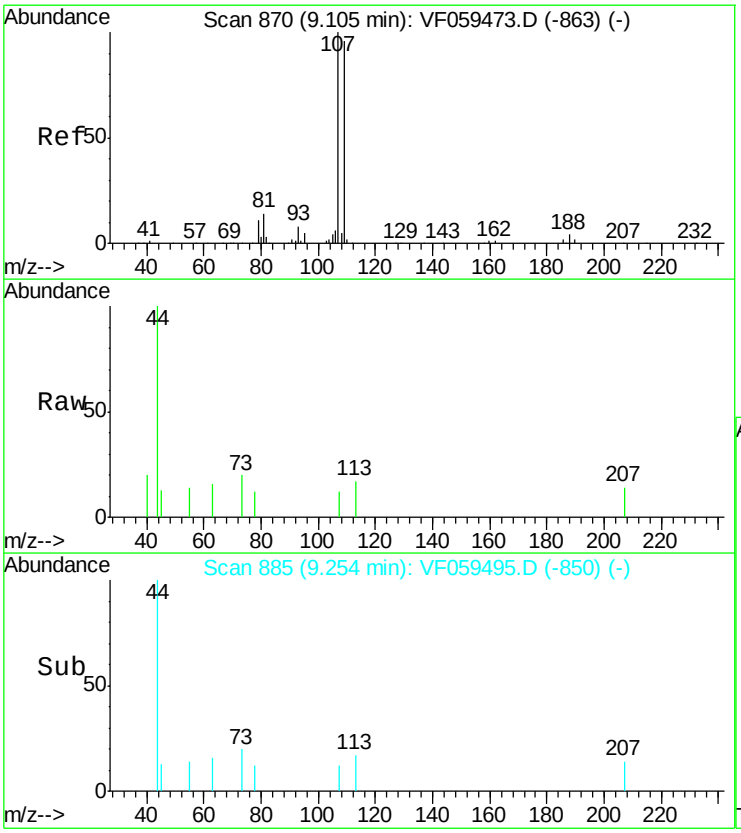
#59
2-Hexanone
Concen: 16.573 ug/l
RT: 9.66 min Scan# 926
Delta R.T. 0.06 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 138

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.4	67.2#

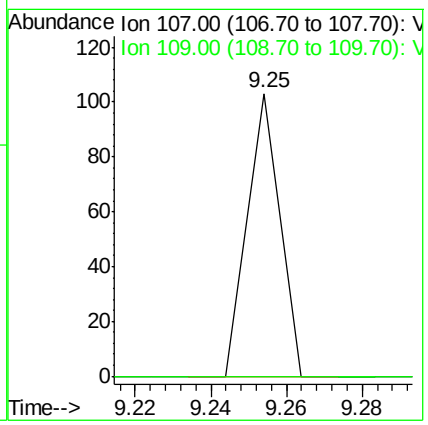


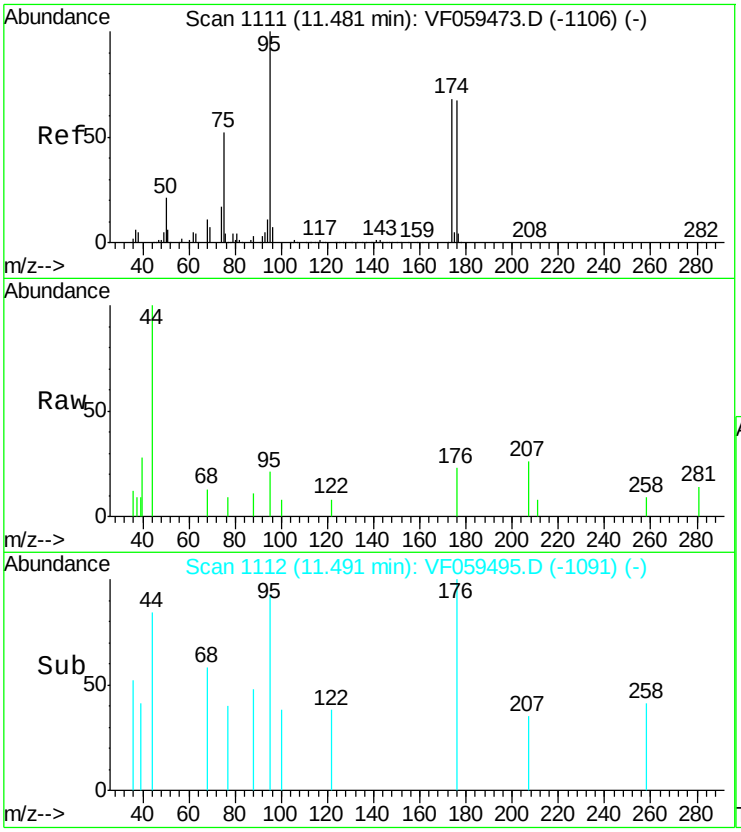


#61
1,2-Dibromoethane
Concen: 3.885 ug/l
RT: 9.25 min Scan# 885
Delta R.T. 0.15 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion:107 Resp: 61

Ion	Ratio	Lower	Upper
107	100		
109	0.0	76.7	115.1#



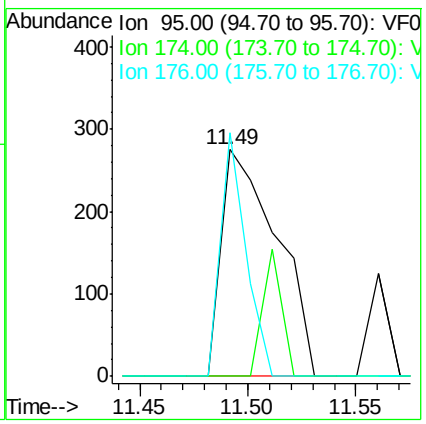


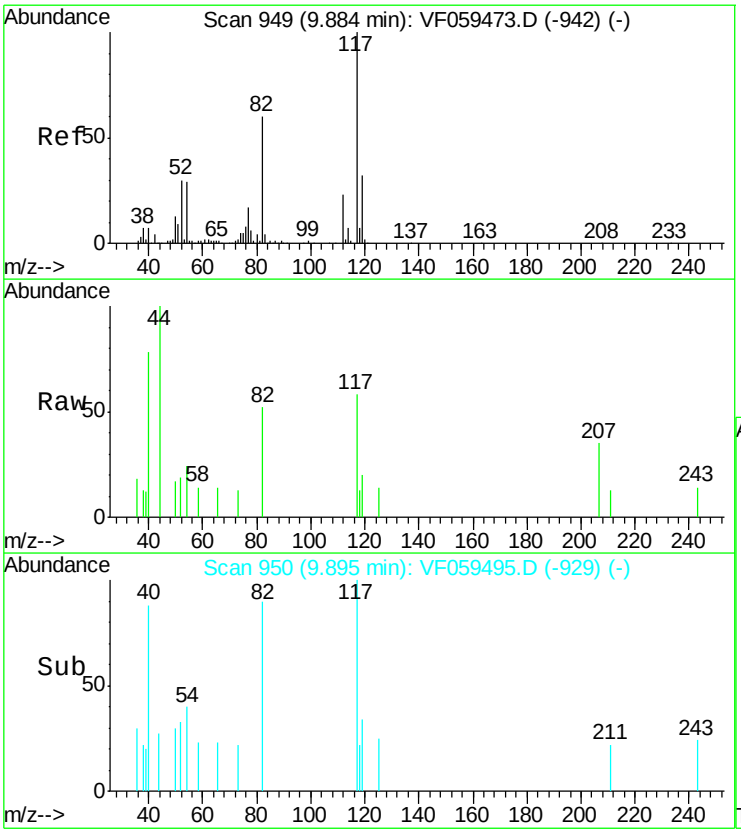
#62
4-Bromofluorobenzene
Concen: 18.477 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 493

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	137.0
176	107.6	0.0	133.8

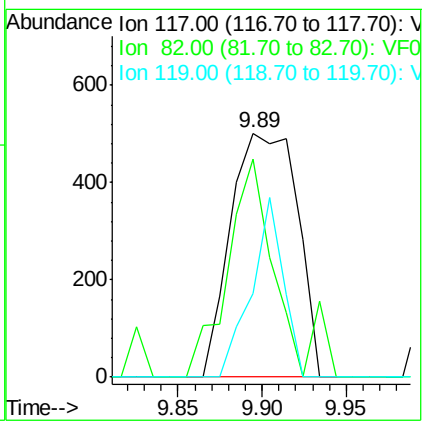


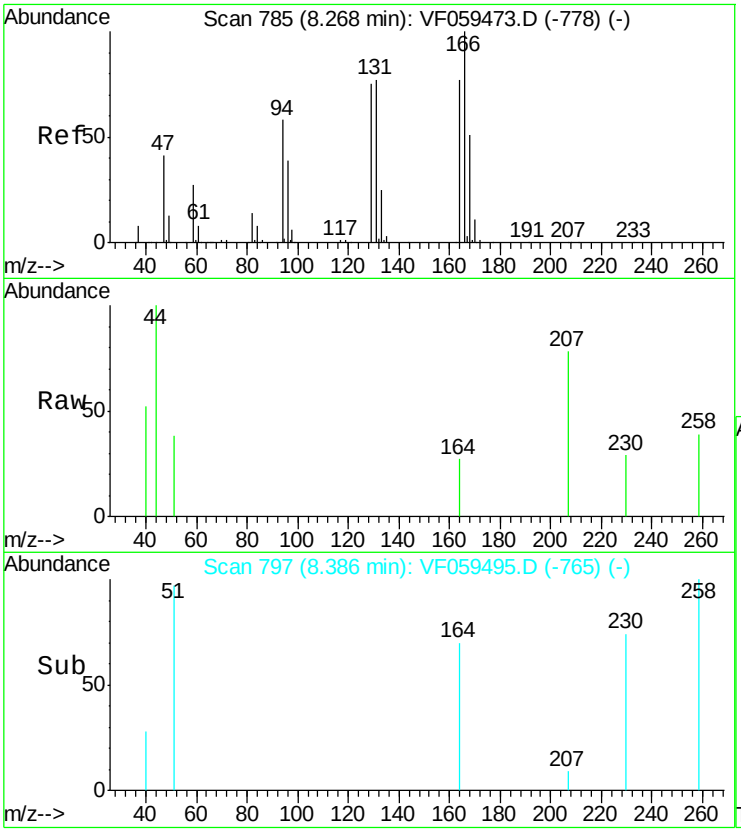


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion:117 Resp: 1374

Ion	Ratio	Lower	Upper
117	100		
82	89.6	48.2	72.4#
119	34.1	25.7	38.5



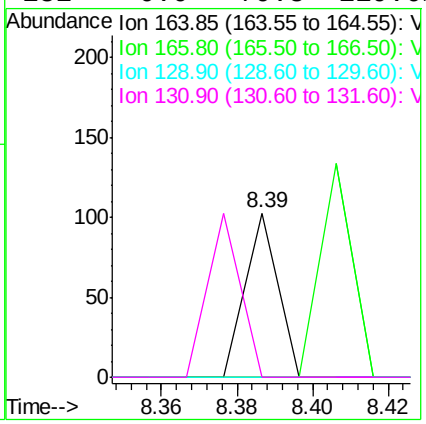


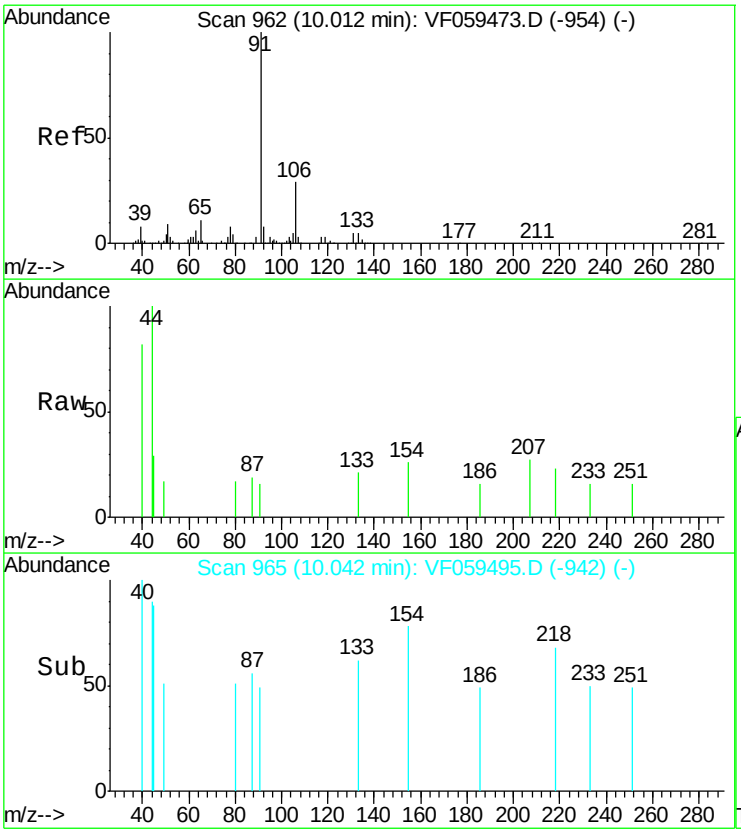
#64
Tetrachloroethene
Concen: 5.301 ug/l
RT: 8.39 min Scan# 797
Delta R.T. 0.12 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:164 Resp: 61

Ion	Ratio	Lower	Upper
164	100		
166	0.0	103.5	155.3#
129	0.0	77.6	116.4#
131	0.0	79.8	119.6#

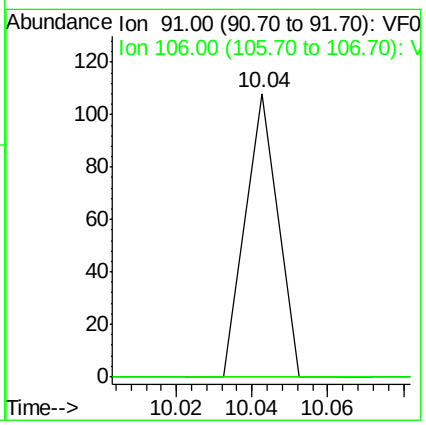


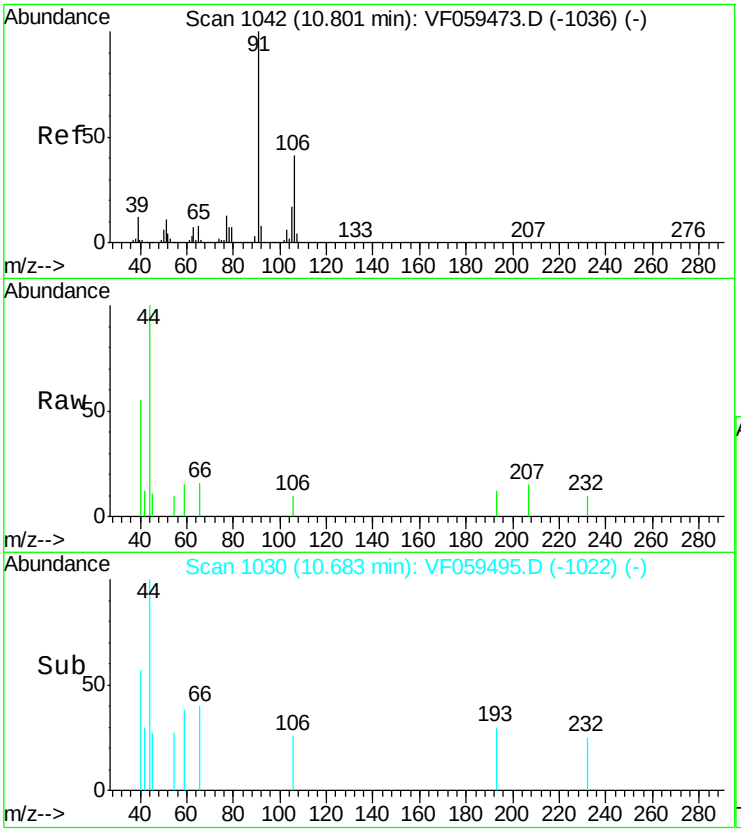


#67
Ethyl Benzene
Concen: 1.375 ug/l
RT: 10.04 min Scan# 965
Delta R.T. 0.03 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 91 Resp: 64

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.0	34.6#



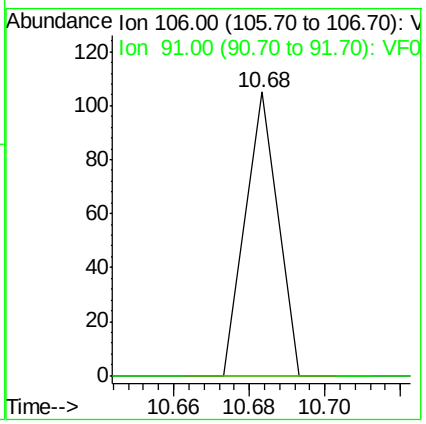


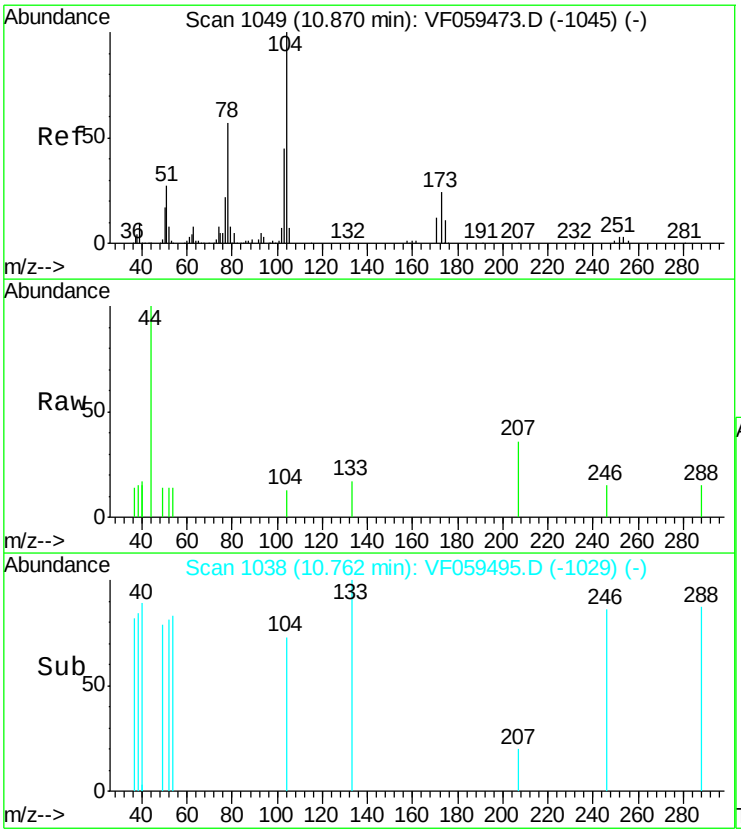
#69
o-Xylene
Concen: 3.511 ug/l
RT: 10.68 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 62

Ion	Ratio	Lower	Upper
106	100		
91	0.0	121.8	365.3#

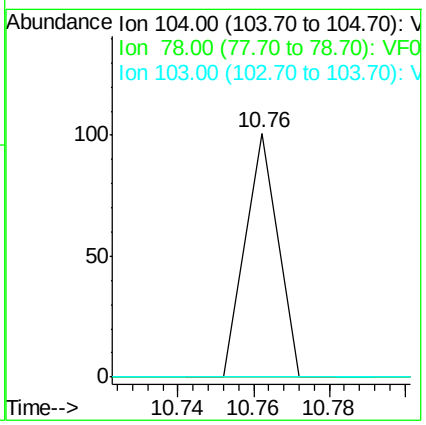


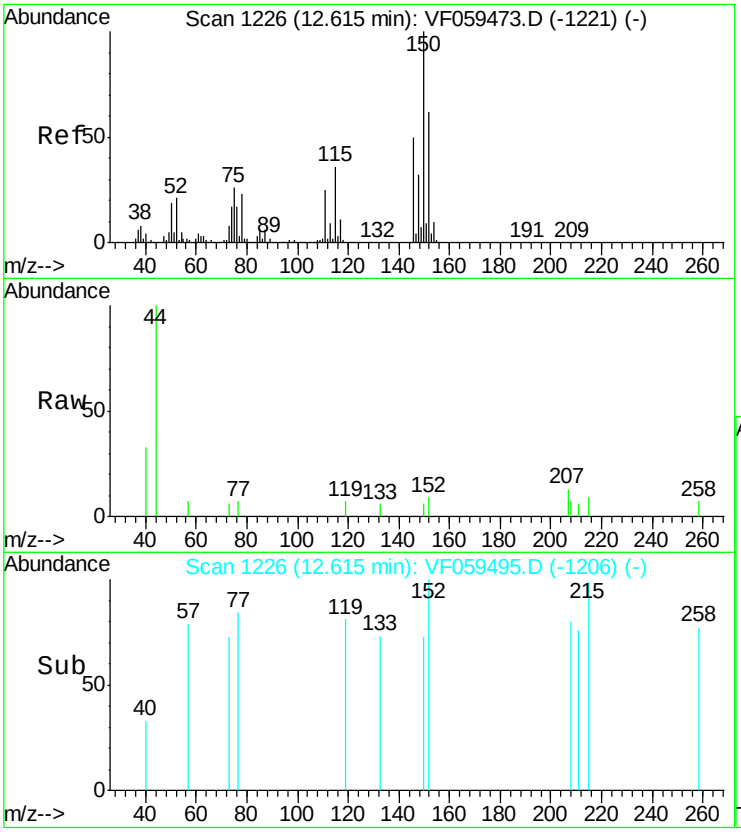


#70
Styrene
Concen: 2.180 ug/l
RT: 10.76 min Scan# 1038
Delta R.T. -0.11 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion:104 Resp: 60

Ion	Ratio	Lower	Upper
104	100		
78	0.0	46.2	69.2#
103	0.0	36.8	55.2#



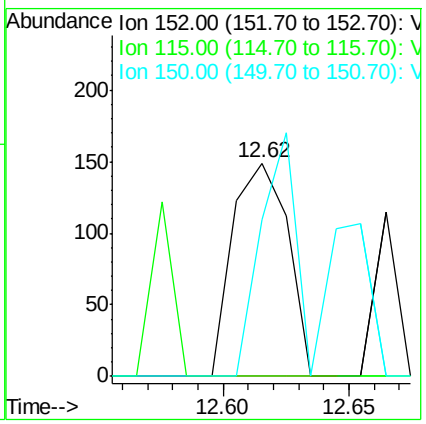


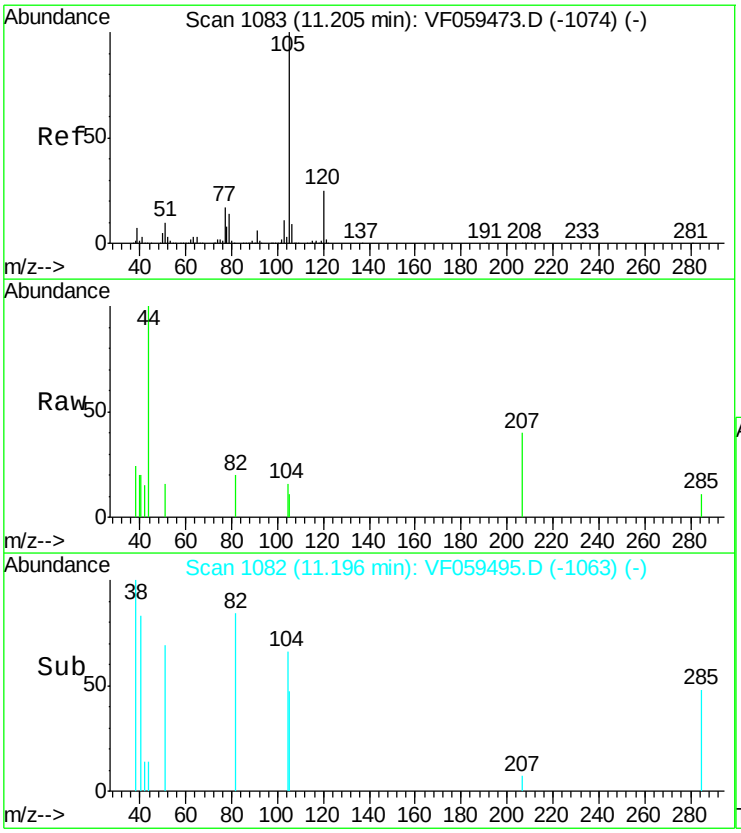
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 227

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.7	86.3#
150	73.2	0.0	323.8

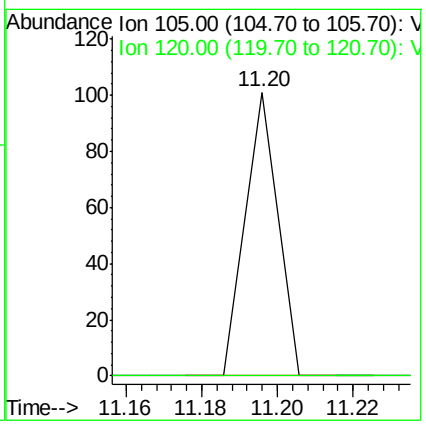


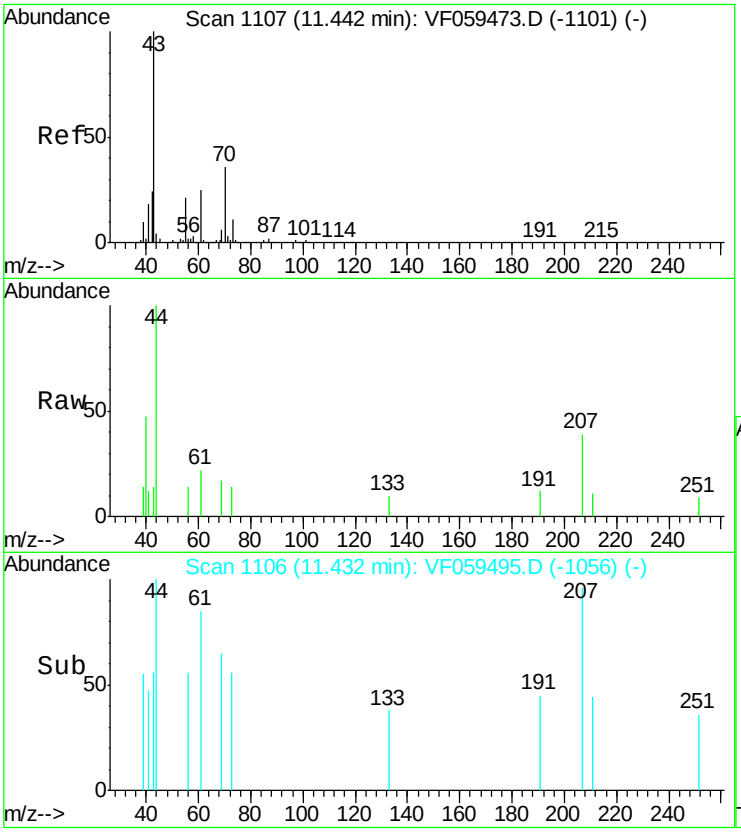


#73
Isopropylbenzene
Concen: 4.348 ug/l
RT: 11.20 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion:105 Resp: 60

Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.4	37.2#



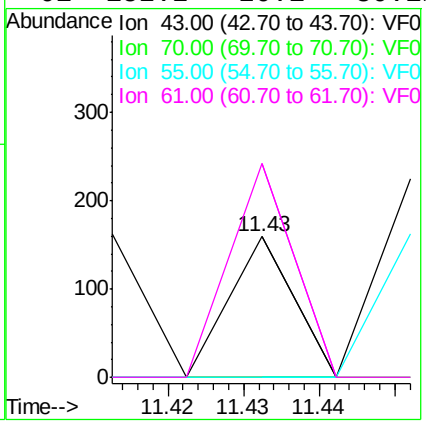


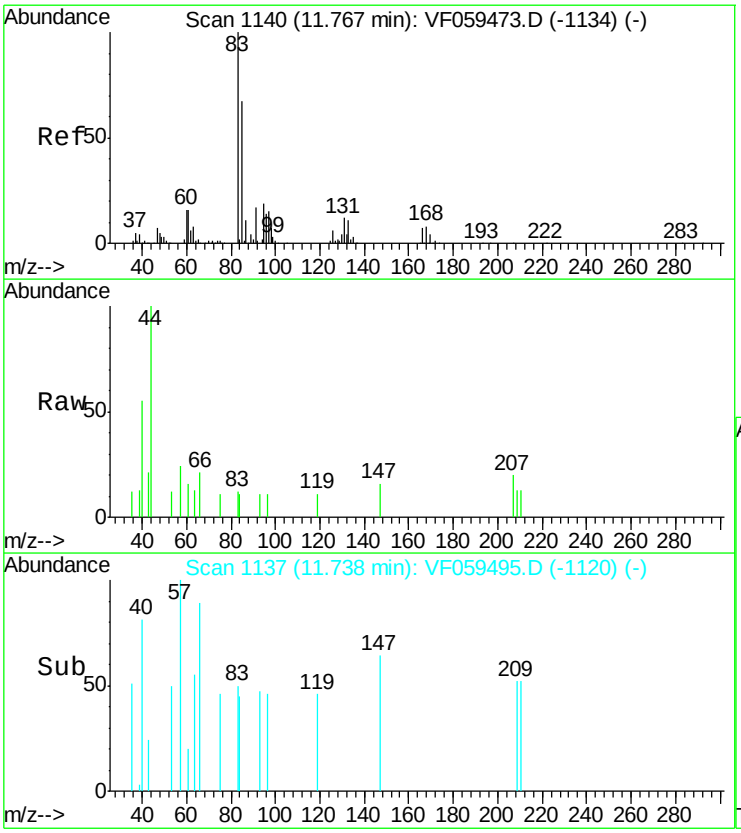
#74
N-amyl acetate
Concen: 22.317 ug/l
RT: 11.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 94

Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.7	43.1#
55	0.0	16.6	24.8#
61	152.2	20.1	30.1#

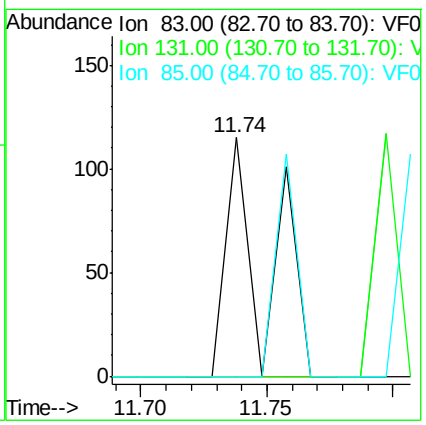


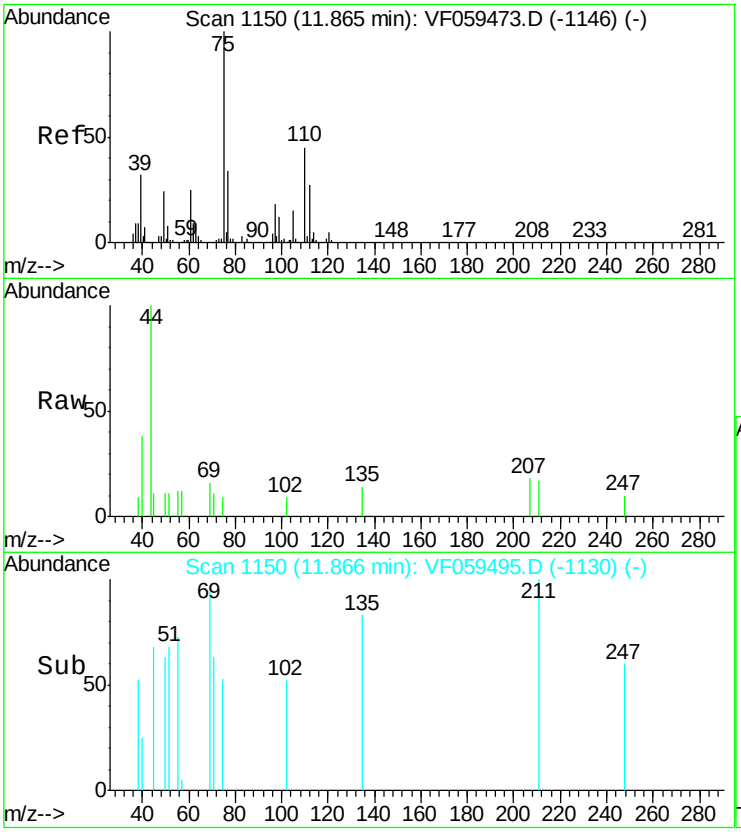


#75
1,1,2,2-Tetrachloroethane
Concen: 40.813 ug/l
RT: 11.74 min Scan# 1137
Delta R.T. -0.03 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 83 Resp: 128

Ion	Ratio	Lower	Upper
83	100		
131	0.0	6.0	18.0#
85	0.0	33.7	101.1#



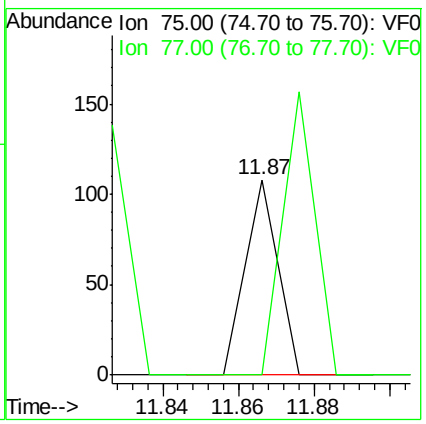


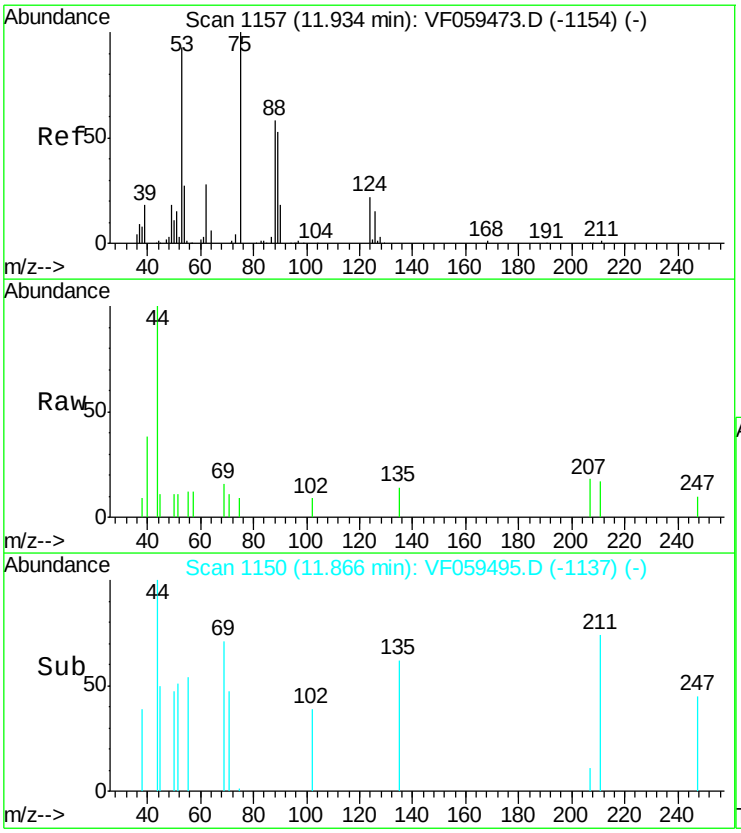
#76
1,2,3-Trichloropropane
Concen: 25.064 ug/l
RT: 11.87 min Scan# 1150
Delta R.T. 0.00 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 64

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.9	50.6#

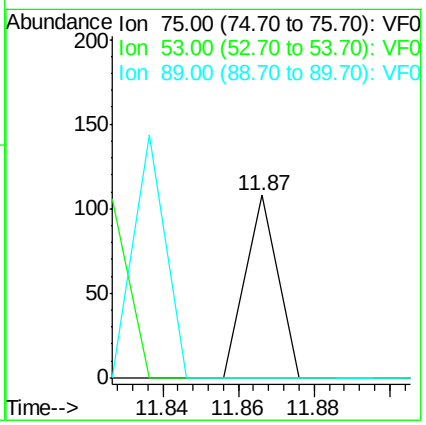


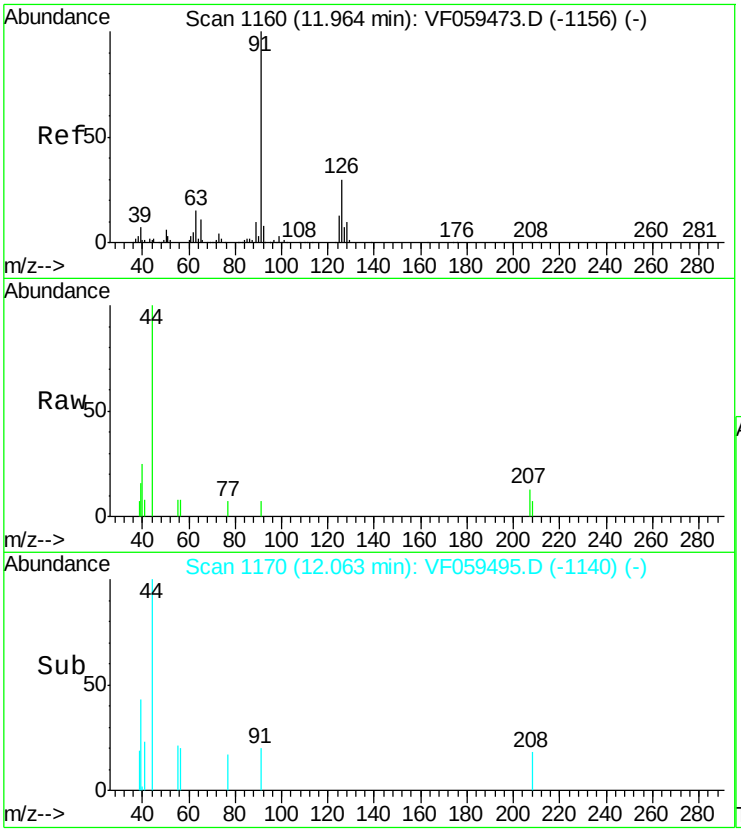


#81
trans-1,4-Dichloro-2-butene
Concen: 48.315 ug/l
RT: 11.87 min Scan# 1150
Delta R.T. -0.07 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 75 Resp: 64

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.0	118.6#
89	0.0	45.9	68.9#



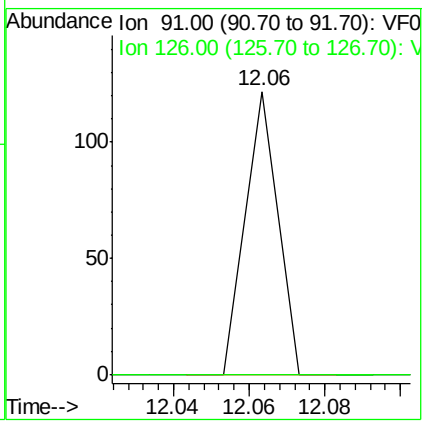


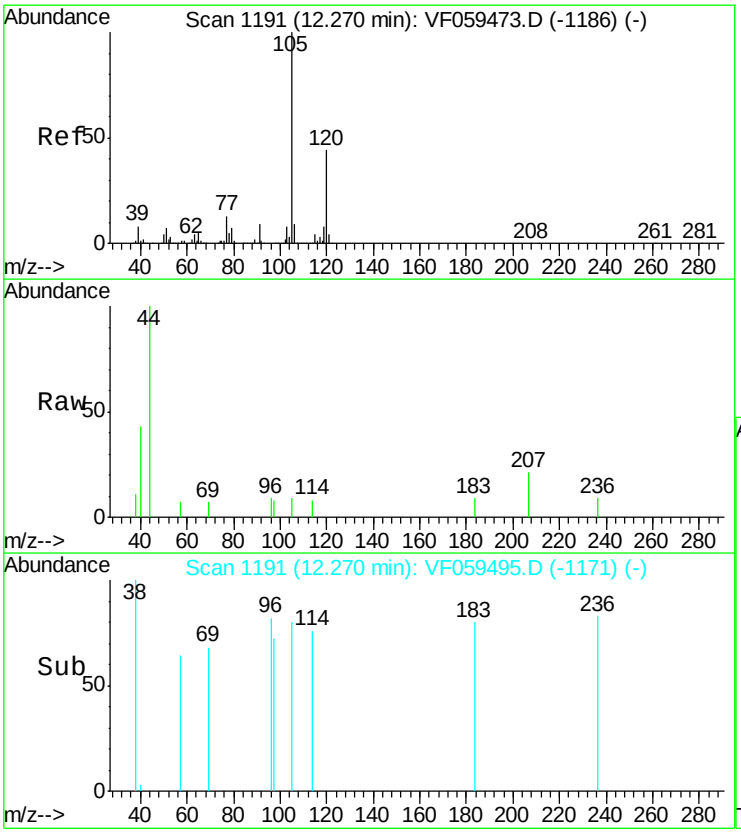
#82
4-Chlorotoluene
Concen: 6.627 ug/l
RT: 12.06 min Scan# 1170
Delta R.T. 0.10 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 72

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.9	44.5#

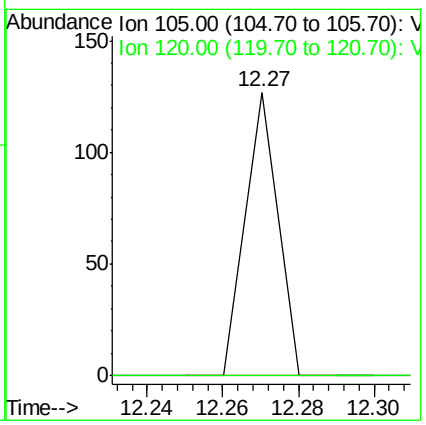


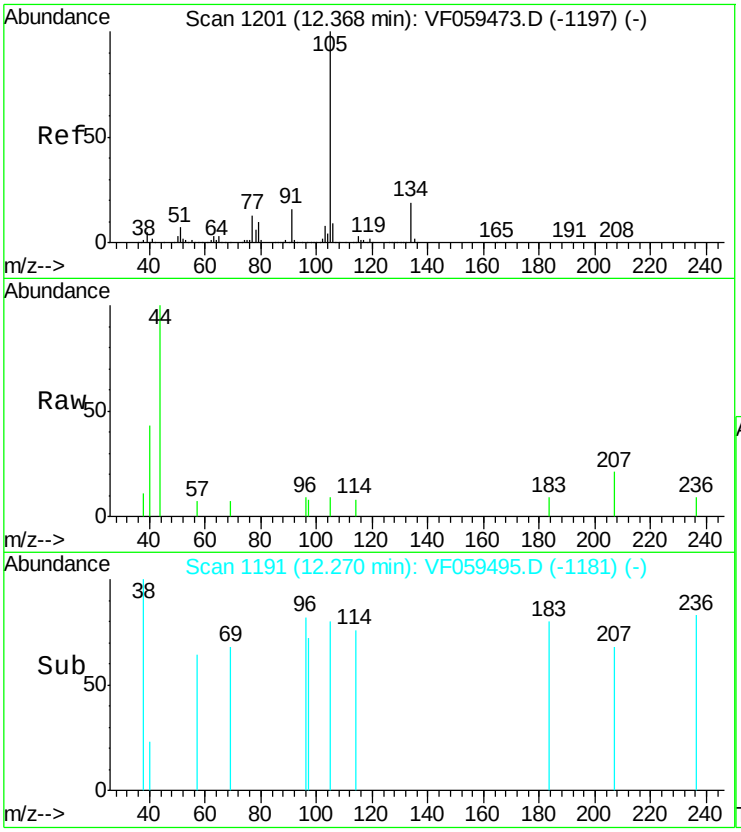


#84
1,2,4-Trimethylbenzene
Concen: 5.833 ug/l
RT: 12.27 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion:105 Resp: 75

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.1	66.1#



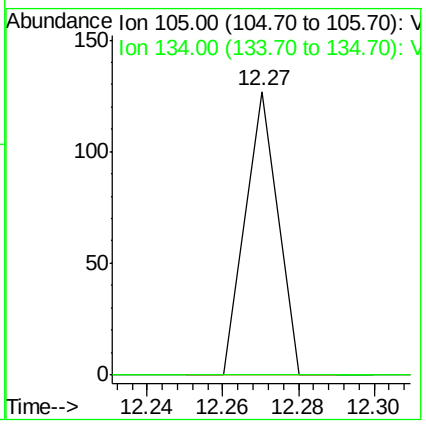


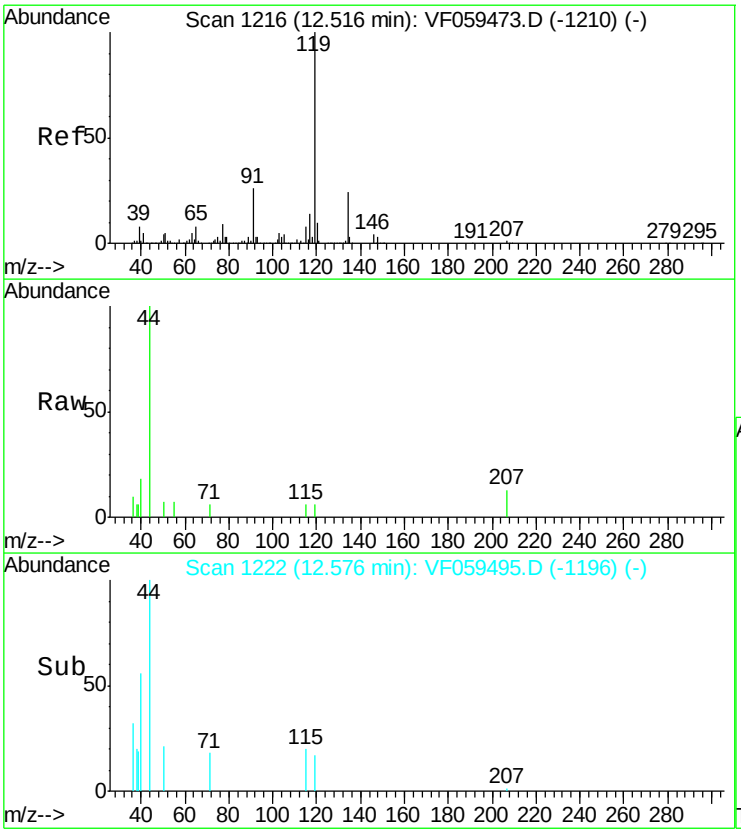
#85
sec-Butylbenzene
Concen: 4.673 ug/l
RT: 12.27 min Scan# 1191
Delta R.T. -0.10 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 75

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.6	28.6#

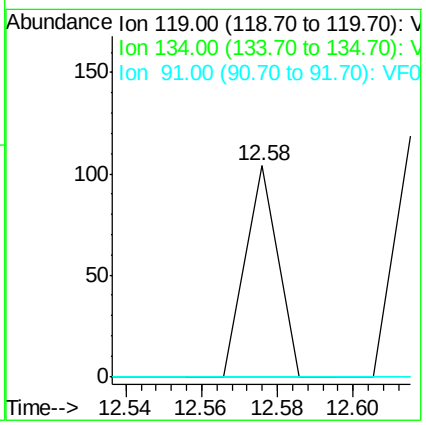


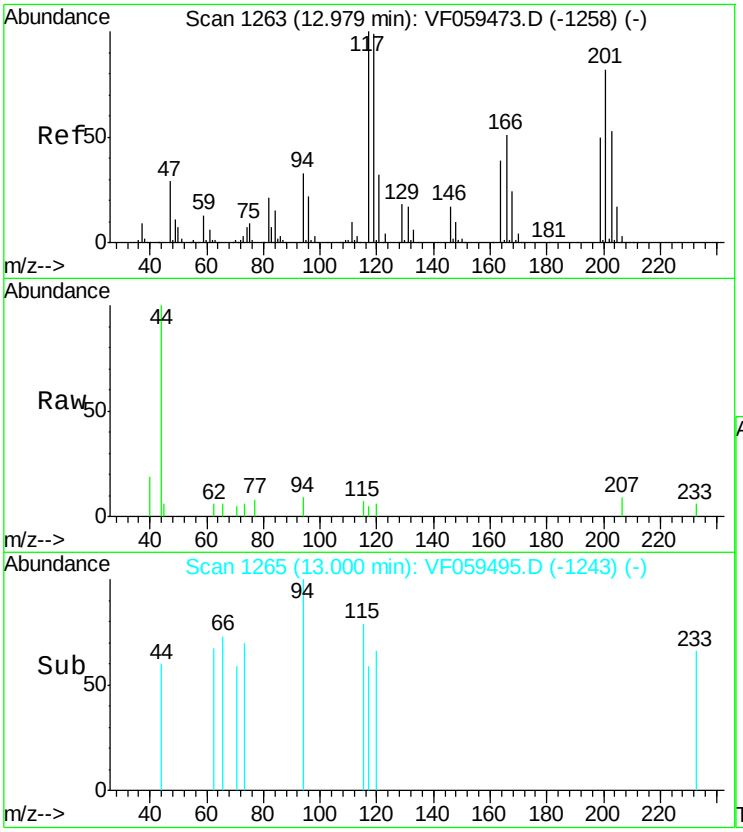


#86
p-Isopropyltoluene
Concen: 4.444 ug/l
RT: 12.58 min Scan# 1222
Delta R.T. 0.06 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion:119 Resp: 61

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.2	36.4#
91	0.0	13.1	39.3#



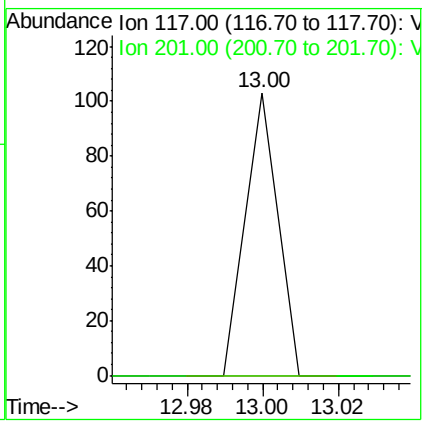


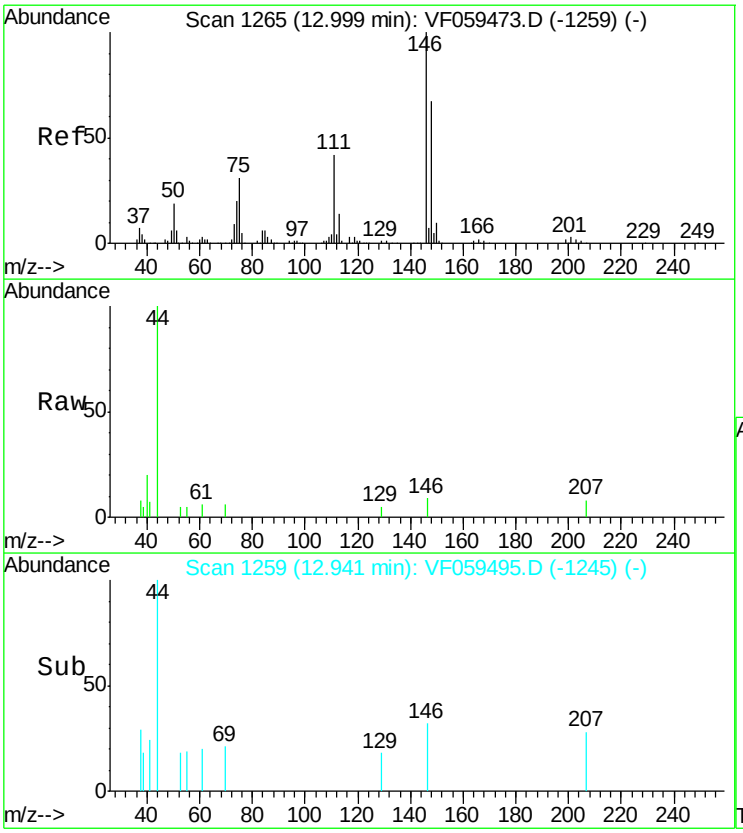
#90
Hexachloroethane
Concen: 17.104 ug/l
RT: 13.00 min Scan# 1265
Delta R.T. 0.02 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 61

Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.6	121.8#

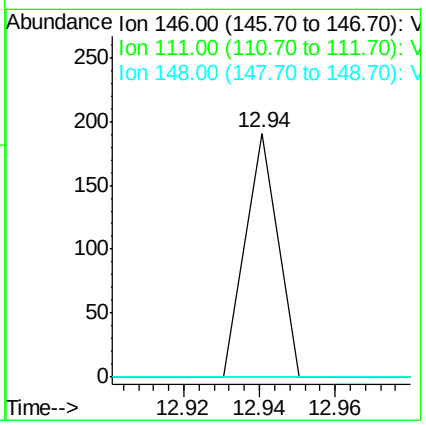


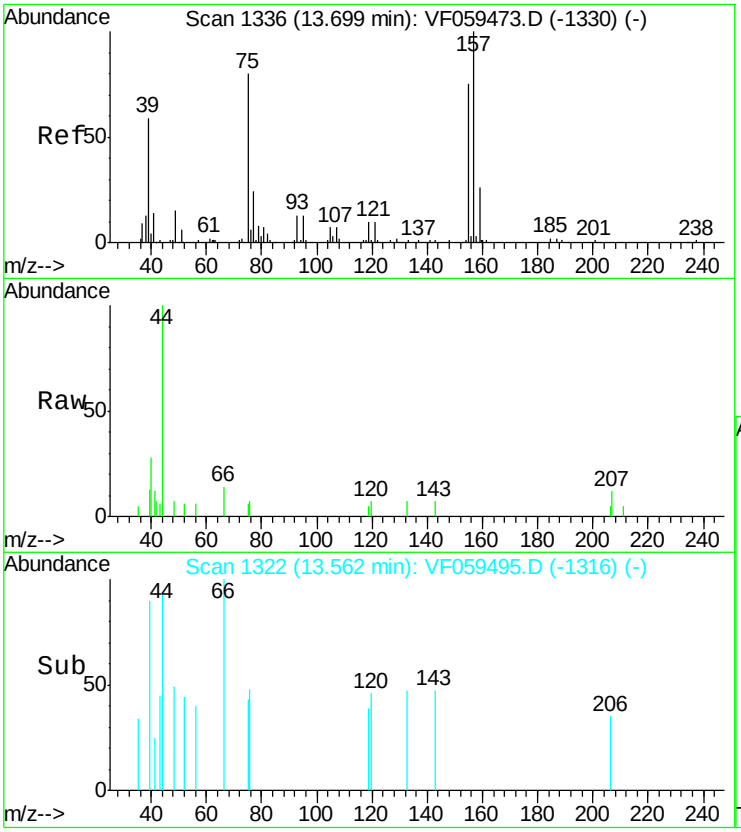


#91
1,2-Dichlorobenzene
Concen: 15.756 ug/l
RT: 12.94 min Scan# 1259
Delta R.T. -0.06 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion:146 Resp: 113

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.2	63.6#
148	0.0	33.3	99.9#



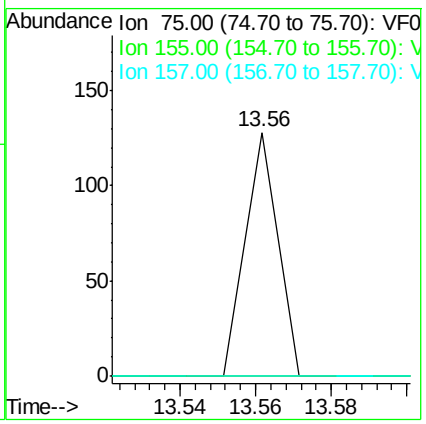


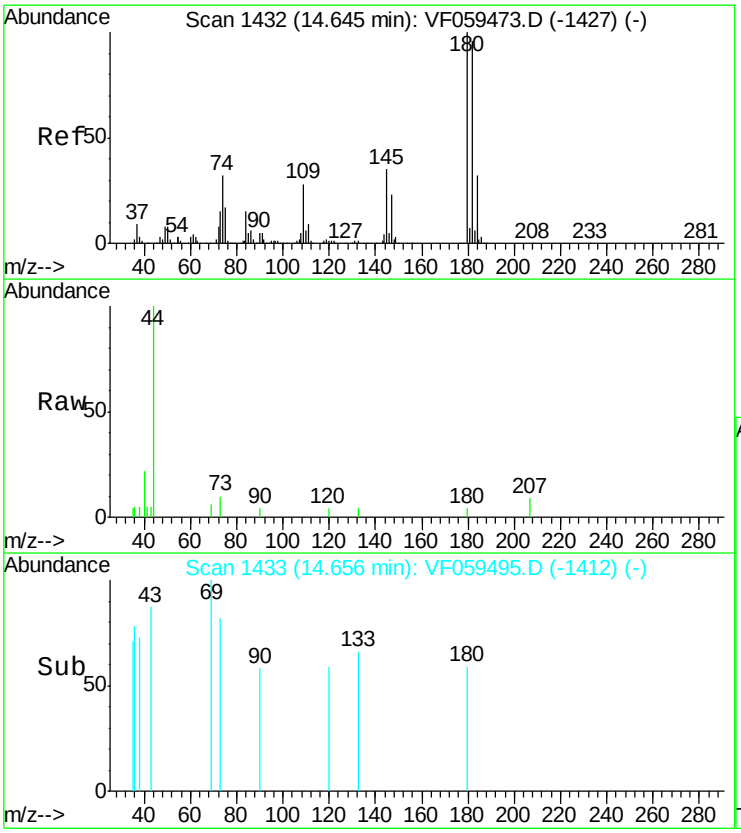
#92
1,2-Dibromo-3-Chloropropane
Concen: 96.778 ug/l
RT: 13.56 min Scan# 1322
Delta R.T. -0.14 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 76

Ion	Ratio	Lower	Upper
75	100		
155	0.0	47.3	141.8#
157	0.0	62.6	187.8#





#96
1,2,3-Trichlorobenzene
Concen: 11.803 ug/l
RT: 14.66 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion:180 Resp: 61

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.7#
145	0.0	17.5	52.5#