Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
Data File : VF060554.D
Acq On : 30 Oct 2018 19:40
Operator : VA/AP
Sample : J5696-04
Misc : 4.91/5mL/MSVOA_F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Quant Time: Oct 31 04:55:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 30 05:31:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	1315	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.13	114	179	50.00	ug/l	0.36
63) Chlorobenzene-d5	10.42	117	96	50.00	ug/l	0.48
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.11	65	70	3.45	ug/l	0.07
Spiked Amount 50.000			Recovery = 6.90%			
35) Dibromofluoromethane	4.43	113	82	47.74	ug/l	0.13
Spiked Amount 50.000			Recovery = 95.48%			
50) Toluene-d8	8.22	98	60	14.30	ug/l	0.49
Spiked Amount 50.000			Recovery = 28.60%			
62) 4-Bromofluorobenzene	12.05	95	61	31.56	ug/l	0.53
Spiked Amount 50.000			Recovery = 63.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.83	85	72	Below Cal	#	41
3) Chloromethane	1.11	50	116	6.069	ug/l #	46
4) Vinyl Chloride	1.19	62	76	4.821	ug/l #	43
5) Bromomethane	1.42	94	78	6.295	ug/l #	4
6) Chloroethane	1.35	64	235	28.628	ug/l #	41
7) Trichlorofluoromethane	1.47	101	159	4.186	ug/l #	18
8) Diethyl Ether	1.81	74	129	27.079	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.84	101	92	4.484	ug/l #	22
10) Methyl Iodide	1.87	142	73	2.541	ug/l #	1
11) Tert butyl alcohol	2.70	59	110	137.065	ug/l #	71
12) 1,1-Dichloroethene	1.81	96	85	5.752	ug/l #	11
13) Acrolein	2.04	56	64	85.000	ug/l #	12
14) Allyl chloride	2.19	41	200	8.511	ug/l #	55
15) Acrylonitrile	3.06	53	87	42.895	ug/l #	13
16) Acetone	2.35	43	63	6.791	ug/l #	62
17) Carbon Disulfide	1.86	76	83	1.998	ug/l #	73
18) Methyl Acetate	2.43	43	145	24.872	ug/l #	61
19) Methyl tert-butyl Ether	2.62	73	105	3.171	ug/l #	12
20) Methylene Chloride	2.31	84	260	18.821	ug/l #	1
21) trans-1,2-Dichloroethene	2.33	96	102	6.748	ug/l #	1
22) Diisopropyl ether	2.92	45	334	7.825	ug/l #	40
23) Vinyl Acetate	3.35	43	176	11.116	ug/l #	78
24) 1,1-Dichloroethane	2.99	63	136	4.416	ug/l #	90
25) 2-Butanone	4.47	43	69	Below Cal	#	54
26) 2,2-Dichloropropane	3.78	77	128	6.687	ug/l #	61
27) cis-1,2-Dichloroethene	3.65	96	72	3.951	ug/l	1
28) Bromochloromethane	3.90	49	67	6.039	ug/l #	10
29) Tetrahydrofuran	4.28	42	84	37.855	ug/l #	11
30) Chloroform	3.95	83	84	2.159	ug/l #	15
31) Cyclohexane	3.87	56	71	3.229	ug/l #	14
32) 1,1,1-Trichloroethane	4.29	97	66	2.052	ug/l #	13
36) 1,1-Dichloropropene	4.70	75	69	30.938	ug/l #	44
37) Ethyl Acetate	4.58	43	161	222.987	ug/l #	1
38) Carbon Tetrachloride	4.32	117	60	22.469	ug/l #	12

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
Data File : VF060554.D
Acq On : 30 Oct 2018 19:40
Operator : VA/AP
Sample : J5696-04
Misc : 4.91/5mL/MSVOA_F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Quant Time: Oct 31 04:55:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 30 05:31:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	5.82	83	73	32.412 ug/l #	15
40) Benzene	5.06	78	172	38.884 ug/l #	52
41) Methacrylonitrile	5.21	41	411	995.844 ug/l #	28
42) 1,2-Dichloroethane	5.44	62	89	43.331 ug/l	78
43) Isopropyl Acetate	7.56	43	132	151.040 ug/l #	43
44) Trichloroethene	6.19	130	92	64.341 ug/l	1
45) 1,2-Dichloropropane	6.82	63	63	57.073 ug/l #	42
46) Dibromomethane	6.76	93	73	84.217 ug/l #	9
47) Bromodichloromethane	6.89	83	90	40.464 ug/l #	24
48) Methyl methacrylate	7.32	41	151	250.497 ug/l #	42
49) 1,4-Dioxane	7.04	88	76	13553.127 ug/l #	12
51) 4-Methyl-2-Pentanone	8.91	43	148	233.790 ug/l #	35
52) Toluene	8.27	92	69	24.028 ug/l #	1
53) t-1,3-Dichloropropene	9.01	75	80	46.044 ug/l #	44
54) cis-1,3-Dichloropropene	8.01	75	59	28.653 ug/l #	26
55) 1,1,2-Trichloroethane	9.14	97	106	123.197 ug/l #	15
56) Ethyl methacrylate	9.40	69	82	84.935 ug/l #	22
57) 1,3-Dichloropropane	9.61	76	89	61.124 ug/l #	41
58) 2-Chloroethyl Vinyl ether	8.28	63	64	643.201 ug/l	100
59) 2-Hexanone	10.25	43	118	253.439 ug/l #	29
61) 1,2-Dibromoethane	9.84	107	62	62.237 ug/l #	4
64) Tetrachloroethene	8.32	164	72	88.725 ug/l #	1
65) Chlorobenzene	9.94	112	73	37.795 ug/l #	43
66) 1,1,1,2-Tetrachloroethane	10.14	131	77	87.488 ug/l #	10
70) Styrene	10.81	104	66	32.981 ug/l #	27
71) Bromoform	10.93	173	69	151.996 ug/l #	34

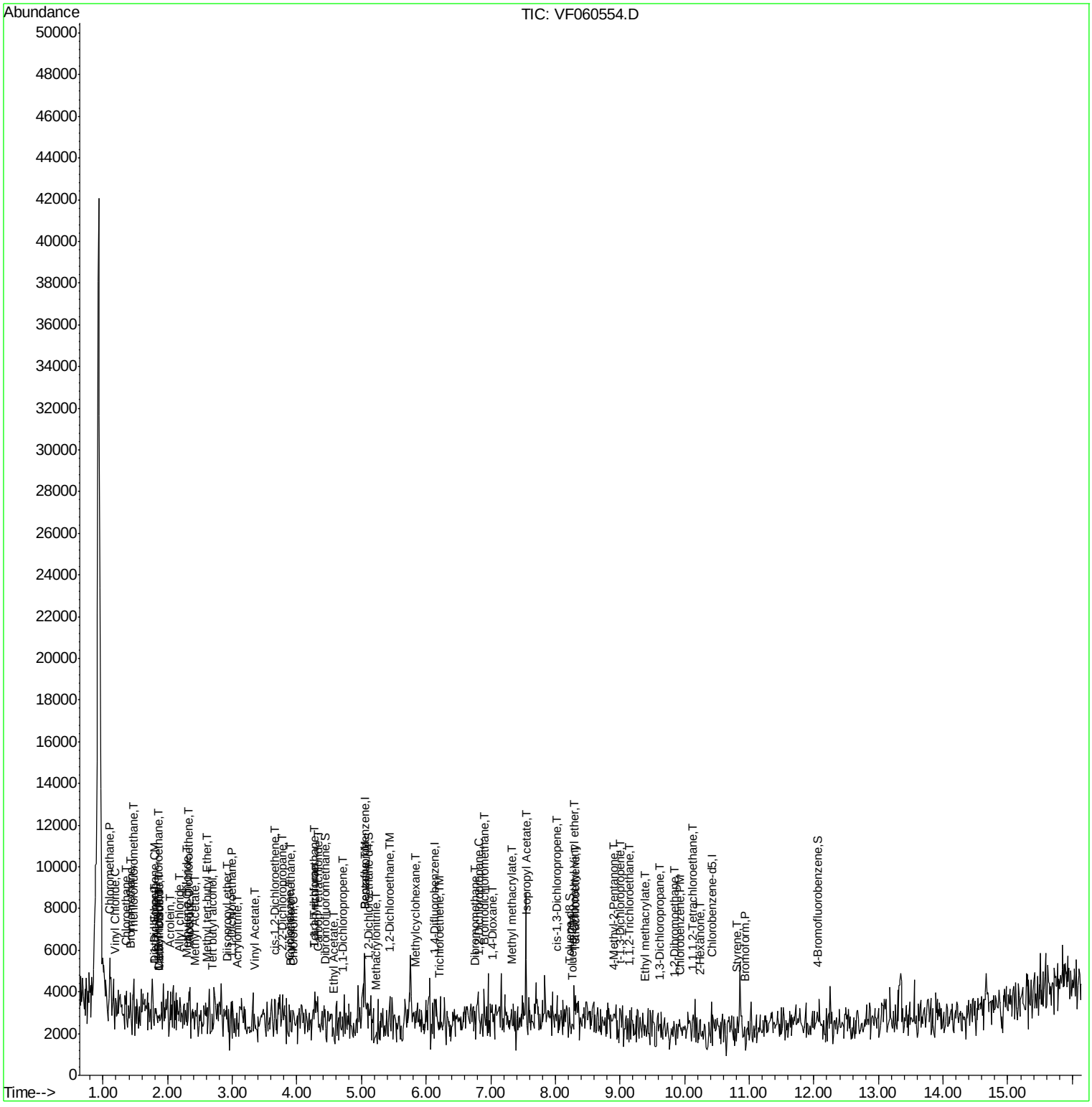
(#) = qualifier out of range (m) = manual integration (+) = signals summed

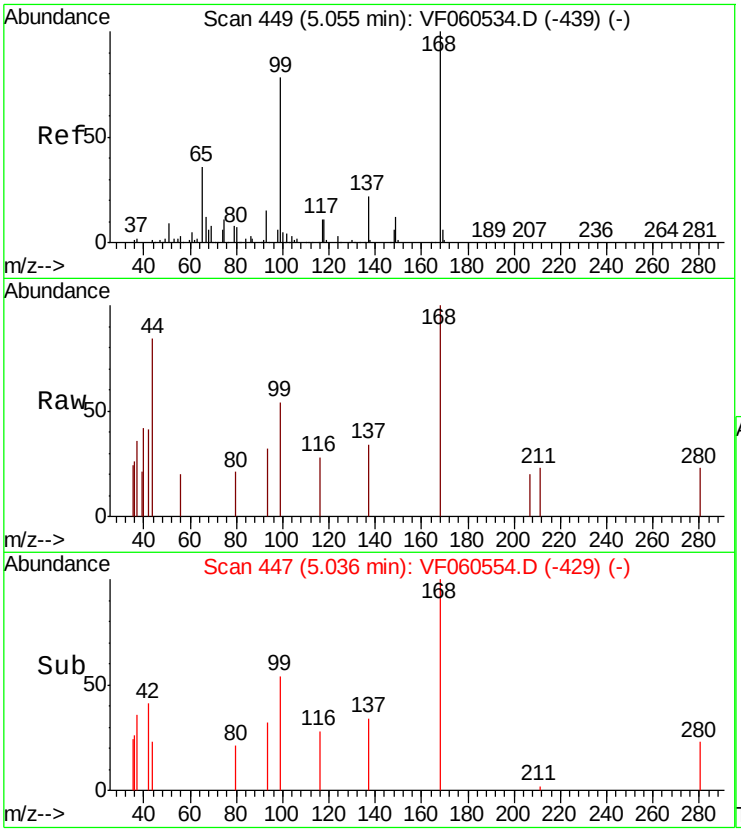
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF103018\
Data File : VF060554.D
Acq On : 30 Oct 2018 19:40
Operator : VA/AP
Sample : J5696-04
Misc : 4.91/5mL/MSVOA F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Quant Time: Oct 31 04:55:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 30 05:31:58 2018
Response via : Initial Calibration



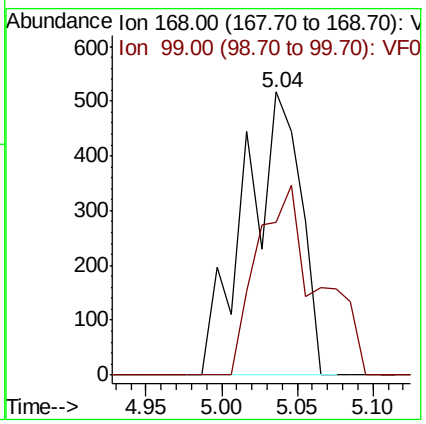


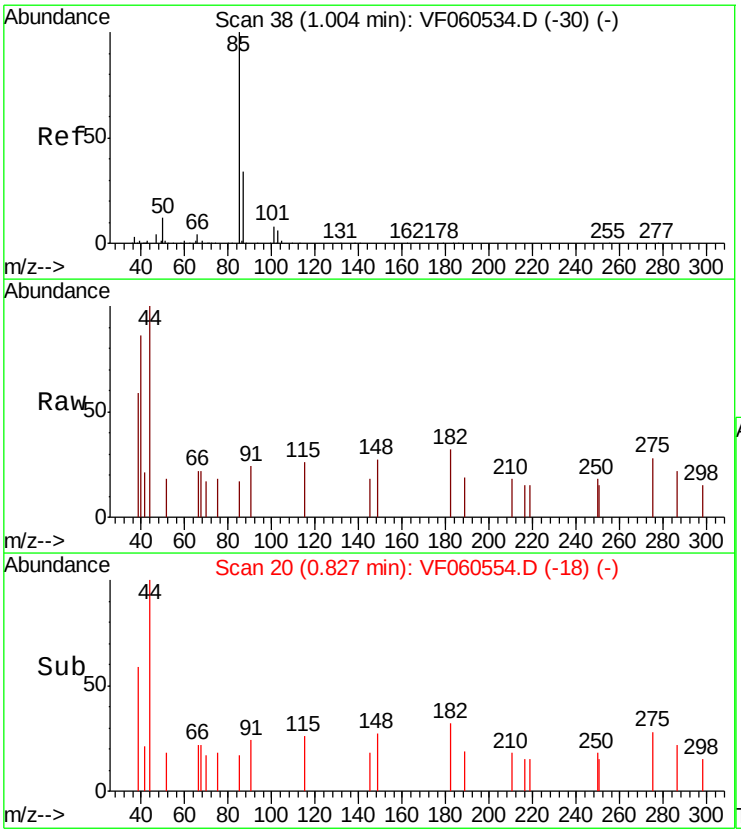
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 447
Delta R.T. -0.02 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tgt Ion:168 Resp: 1315

Ion	Ratio	Lower	Upper
168	100		
99	54.0	62.6	93.8#

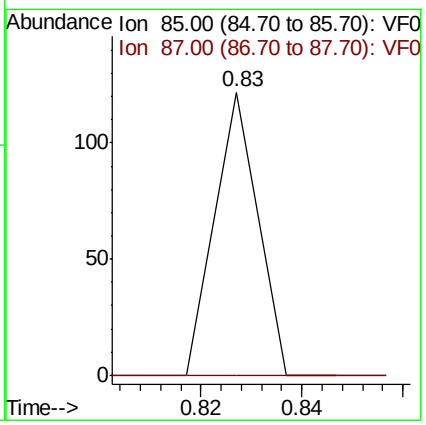


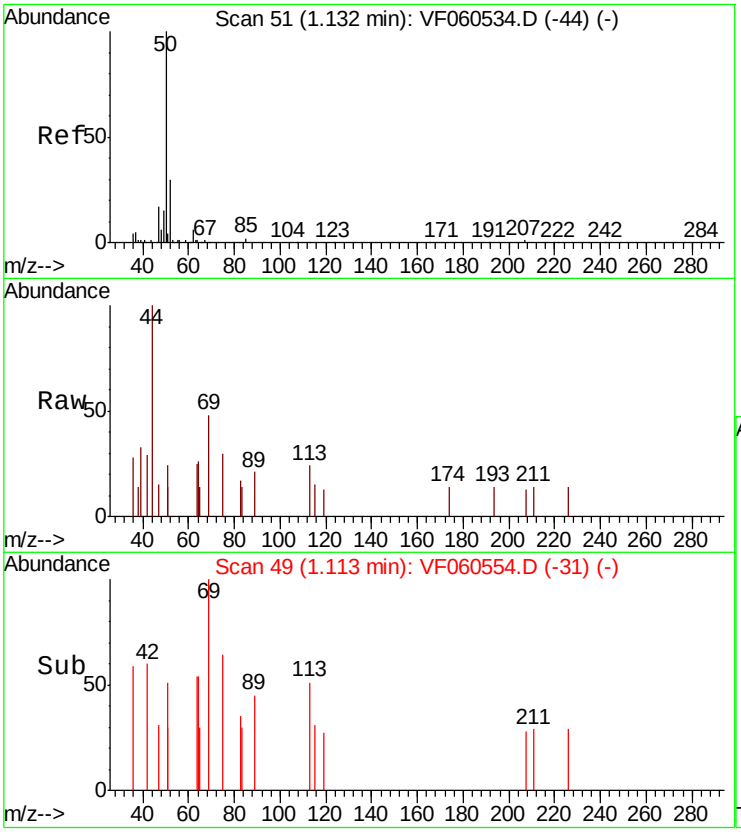


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.83 min Scan# 20
Delta R.T. -0.18 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 85 Resp: 72

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



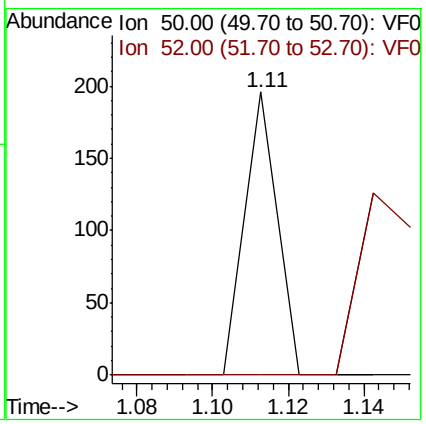


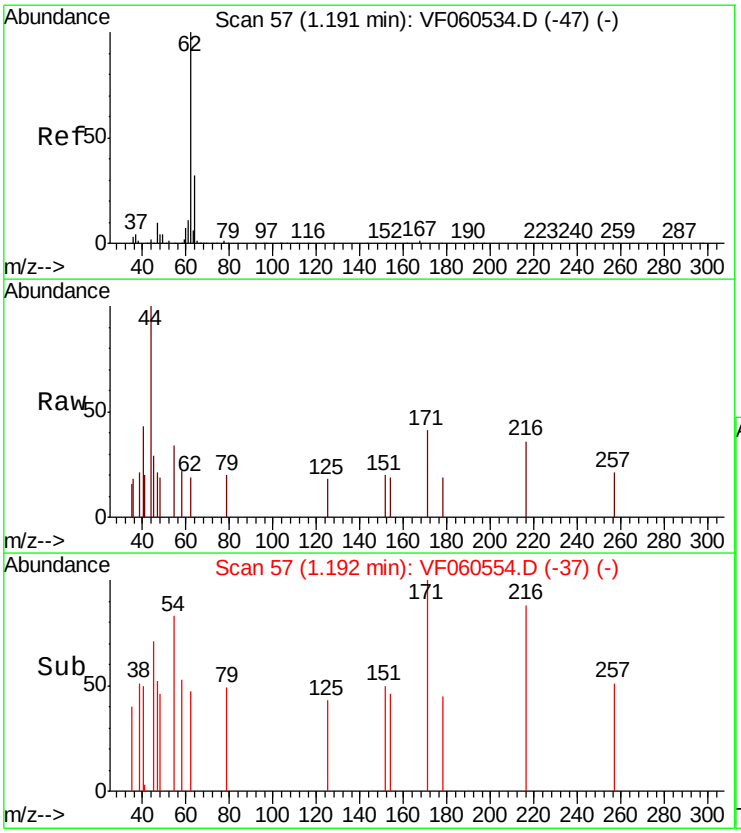
#3
Chloromethane
Concen: 6.069 ug/l
RT: 1.11 min Scan# 49
Delta R.T. -0.02 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 50 Resp: 116

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.8	34.2#

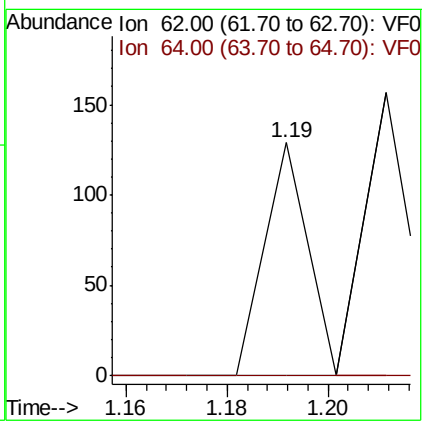


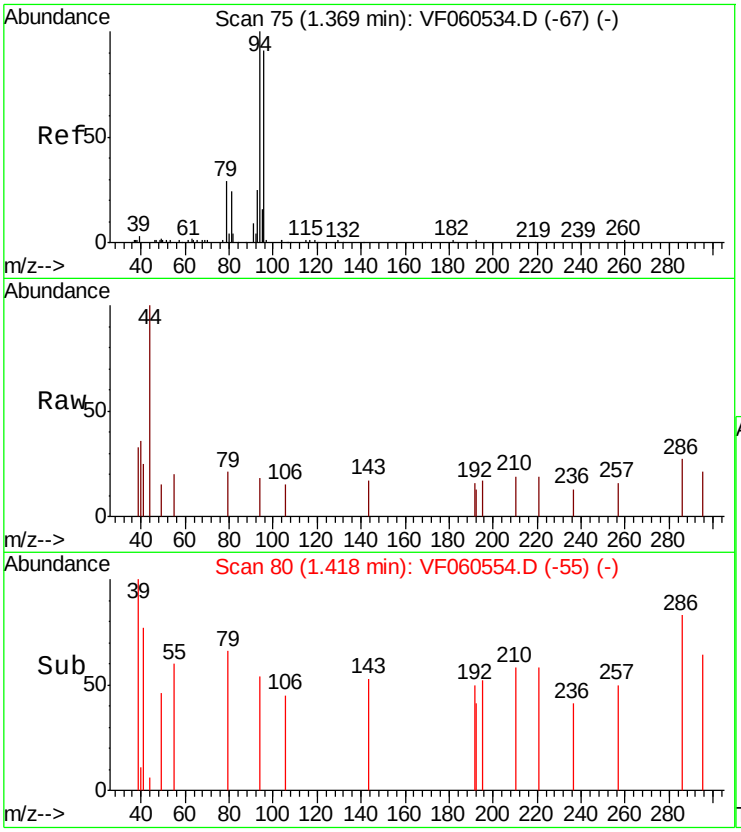


#4
Vinyl Chloride
Concen: 4.821 ug/l
RT: 1.19 min Scan# 57
Delta R.T. 0.00 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 62 Resp: 76

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.3	37.9#



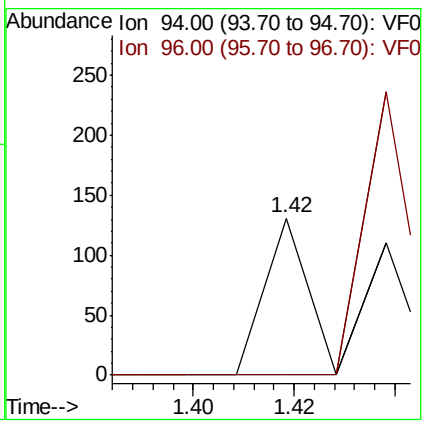


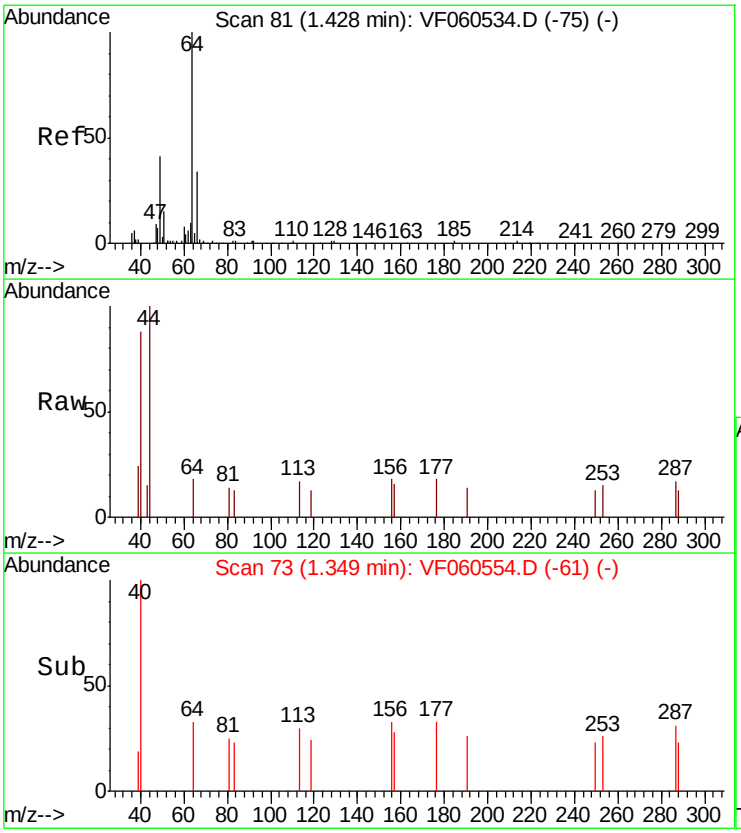
#5
Bromomethane
Concen: 6.295 ug/l
RT: 1.42 min Scan# 80
Delta R.T. 0.05 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tgt Ion: 94 Resp: 78

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.2	109.8#

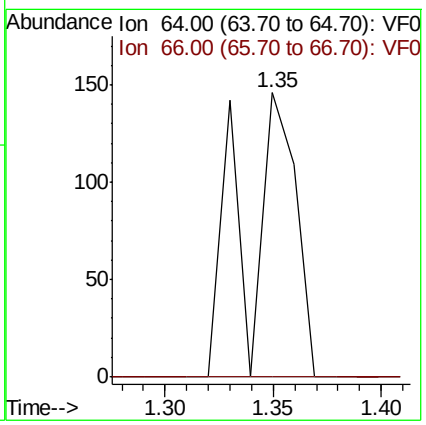


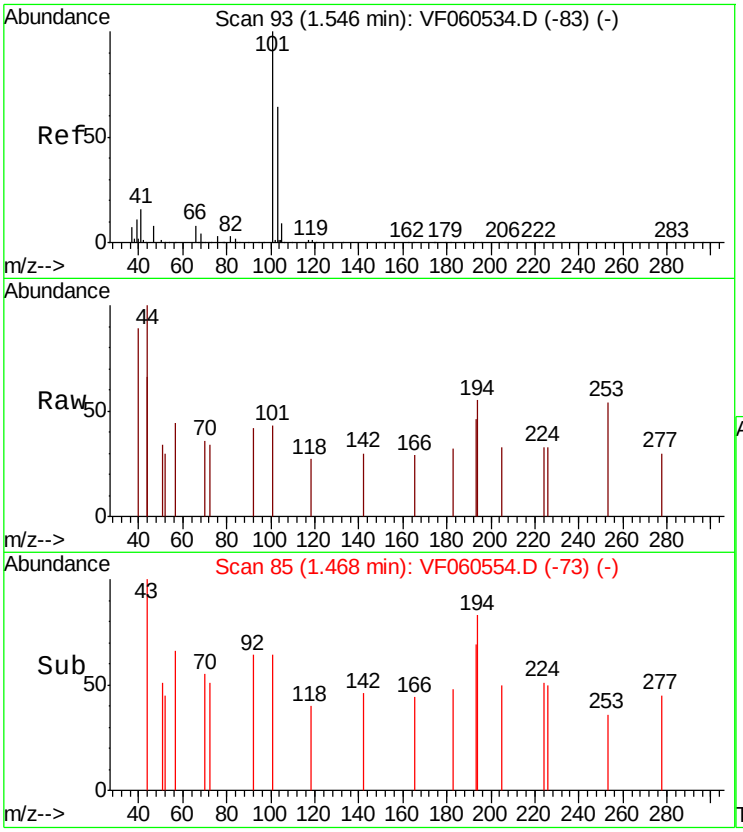


#6
Chloroethane
Concen: 28.628 ug/l
RT: 1.35 min Scan# 73
Delta R.T. -0.08 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 64 Resp: 235

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.1	40.7#



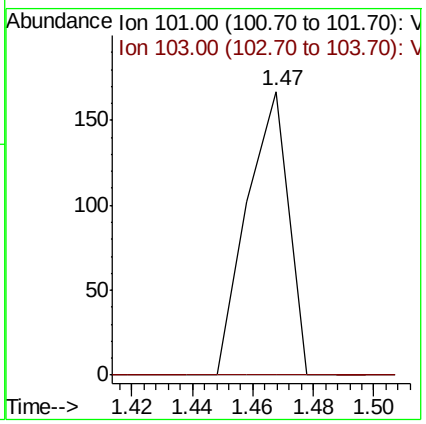


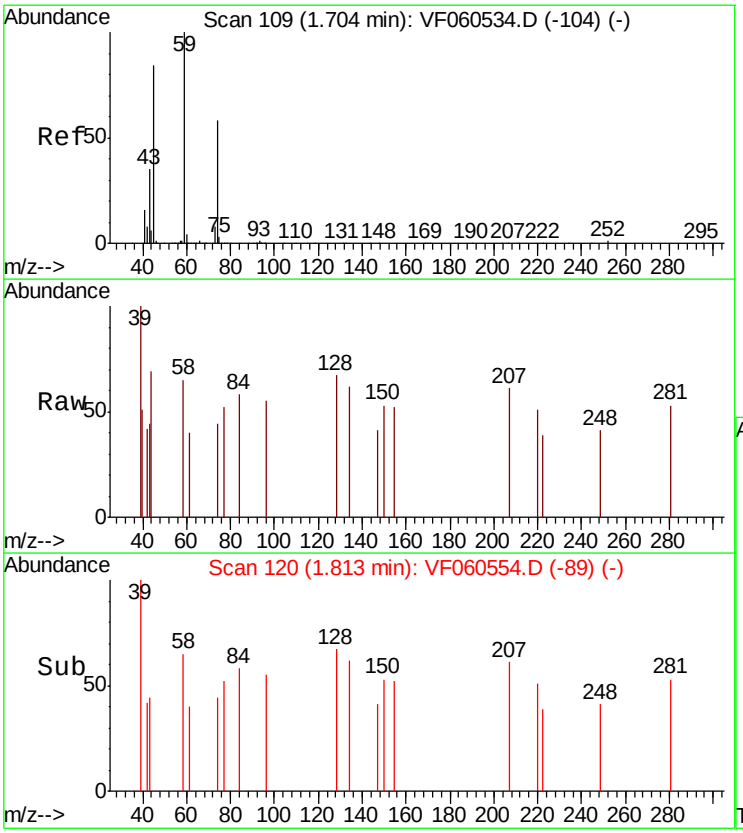
#7
Trichlorofluoromethane
Concen: 4.186 ug/l
RT: 1.47 min Scan# 85
Delta R.T. -0.08 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tgt Ion:101 Resp: 159

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.6	77.4#

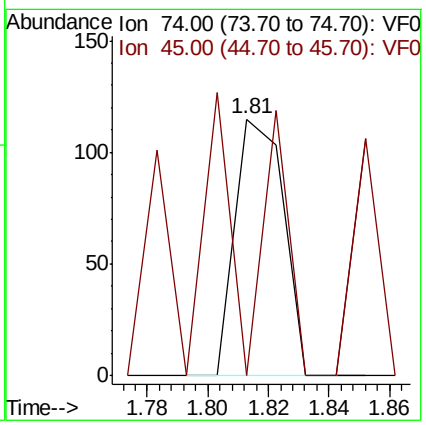


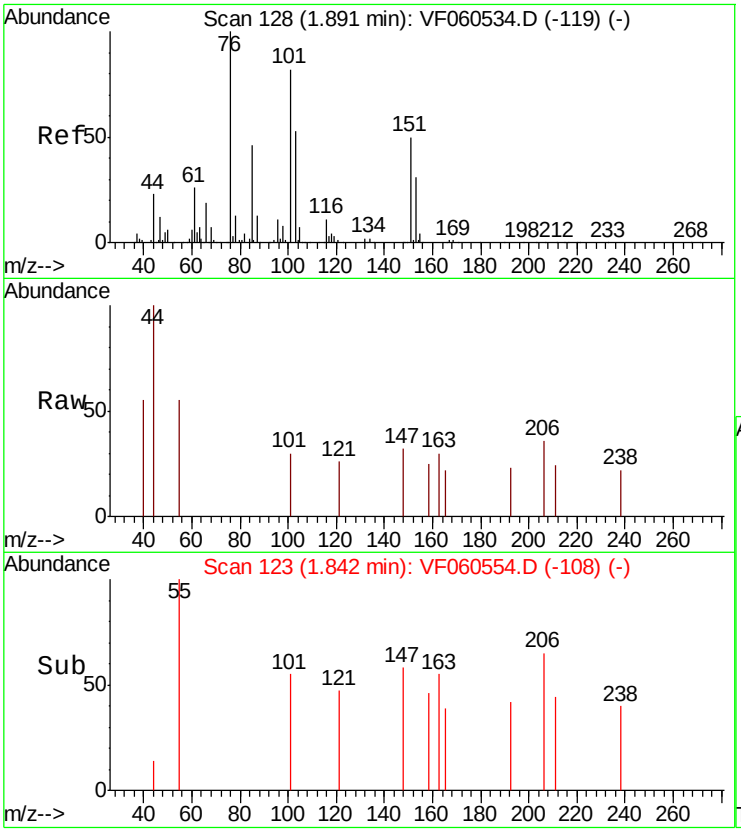


#8
Diethyl Ether
Concen: 27.079 ug/l
RT: 1.81 min Scan# 120
Delta R.T. 0.11 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 74 Resp: 129

Ion	Ratio	Lower	Upper
74	100		
45	0.0	72.9	218.6#



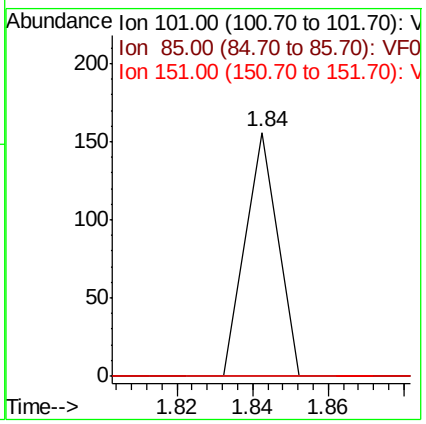


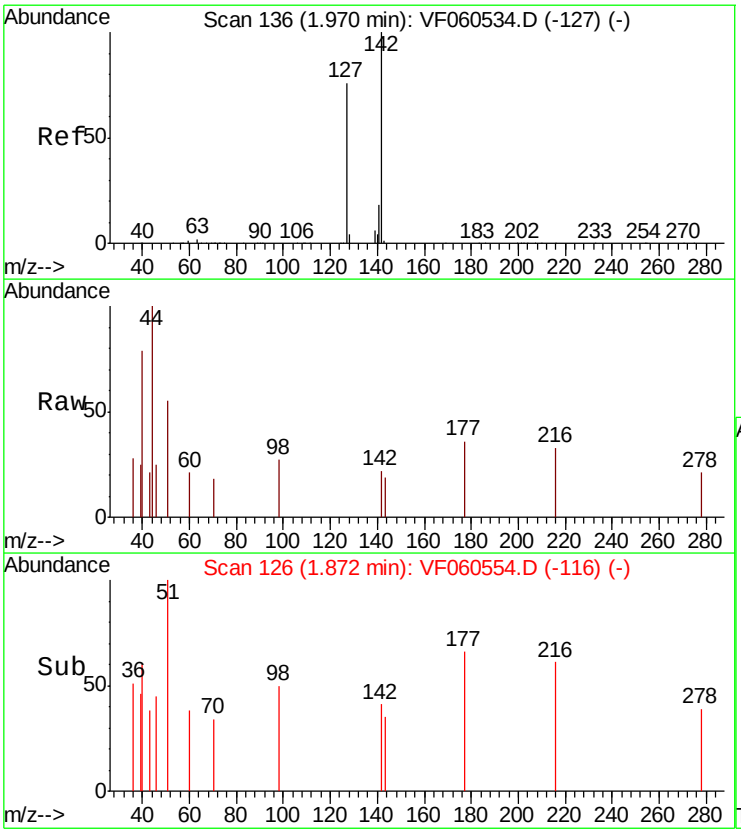
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.484 ug/l
RT: 1.84 min Scan# 123
Delta R.T. -0.05 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tgt Ion:101 Resp: 92

Ion	Ratio	Lower	Upper
101	100		
85	0.0	44.6	67.0#
151	0.0	48.4	72.6#

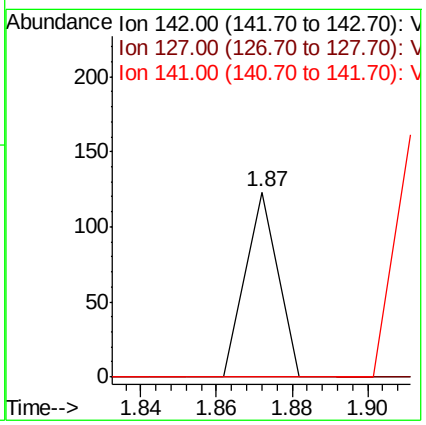


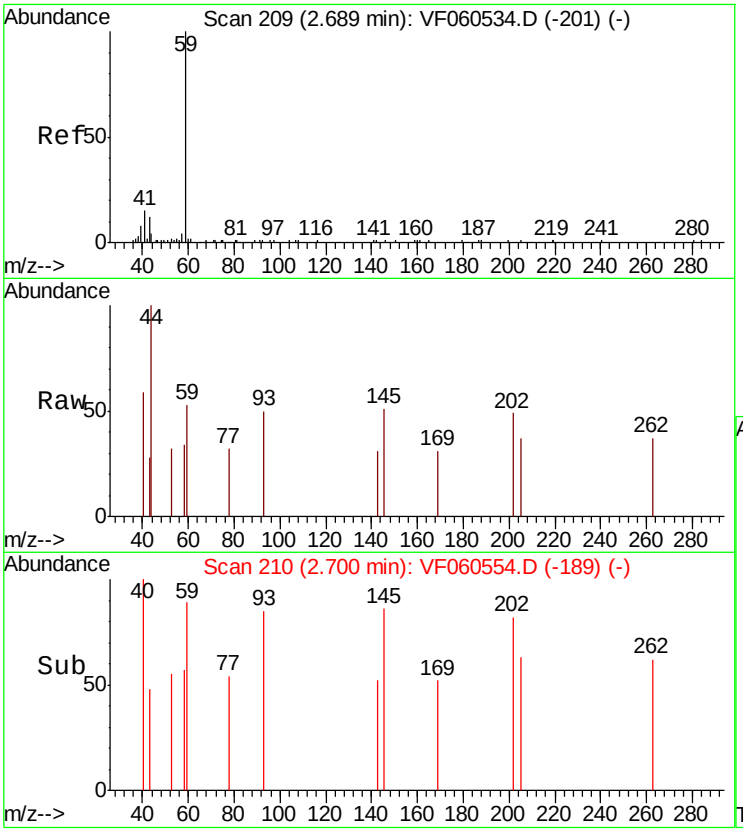


#10
Methyl Iodide
Concen: 2.541 ug/l
RT: 1.87 min Scan# 126
Delta R.T. -0.10 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion:142 Resp: 73

Ion	Ratio	Lower	Upper
142	100		
127	0.0	61.2	91.8#
141	100.0	14.0	21.0#



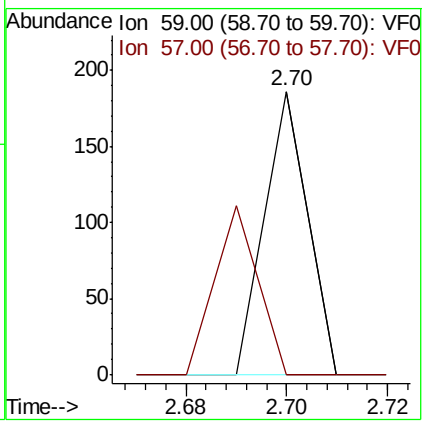


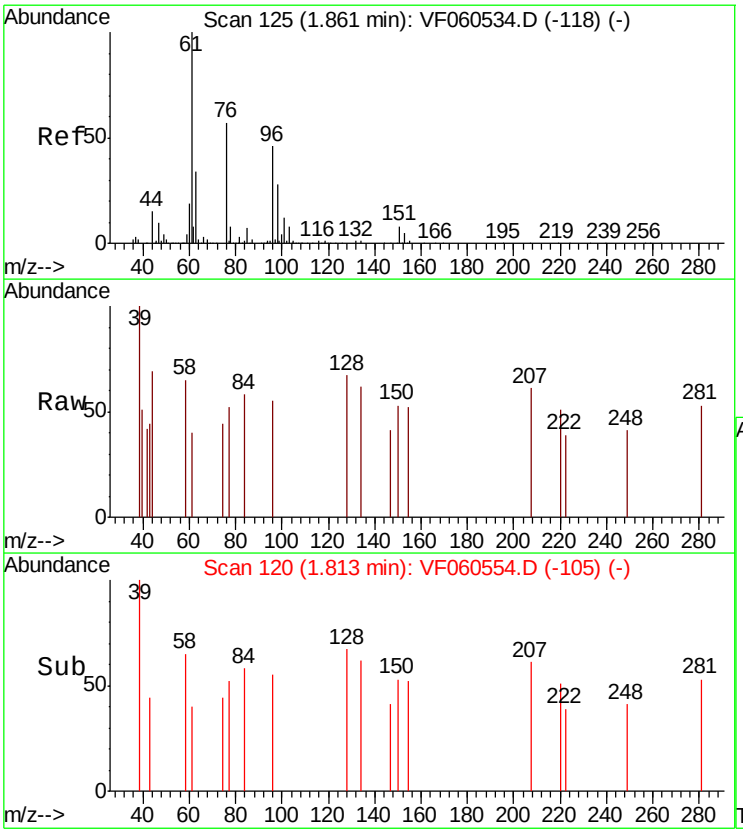
#11
Tert butyl alcohol
Concen: 137.065 ug/l
RT: 2.70 min Scan# 210
Delta R.T. 0.01 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 59 Resp: 110

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.9	13.3#

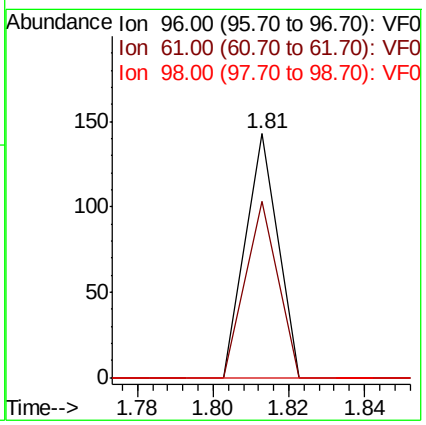


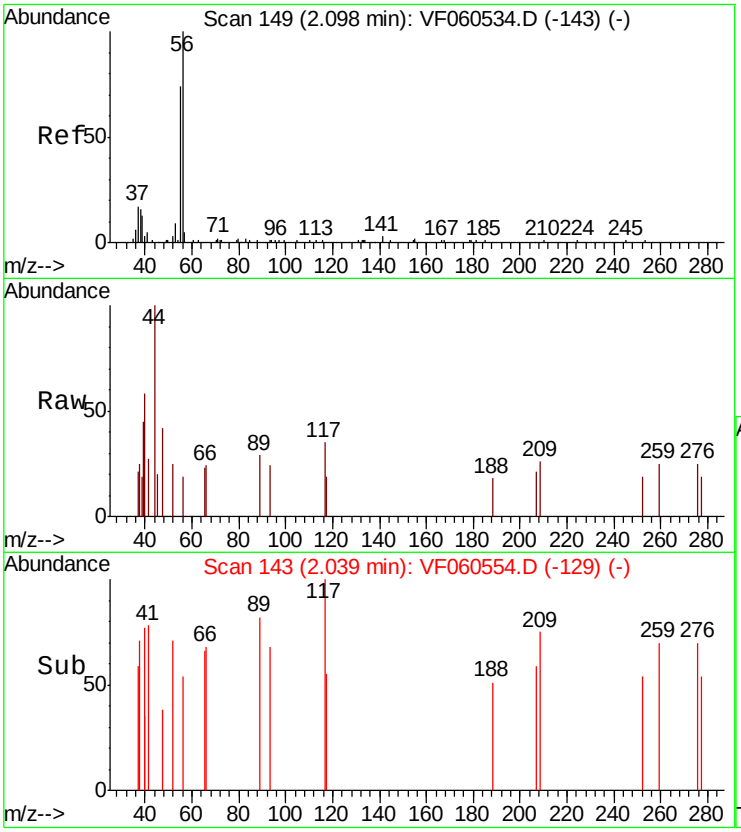


#12
1,1-Dichloroethene
Concen: 5.752 ug/l
RT: 1.81 min Scan# 120
Delta R.T. -0.05 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 96 Resp: 85

Ion	Ratio	Lower	Upper
96	100		
61	72.0	175.4	263.2#
98	0.0	48.9	73.3#



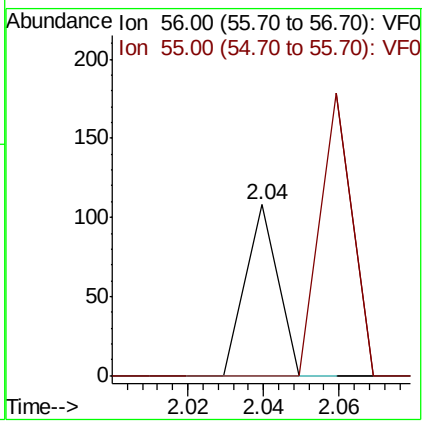


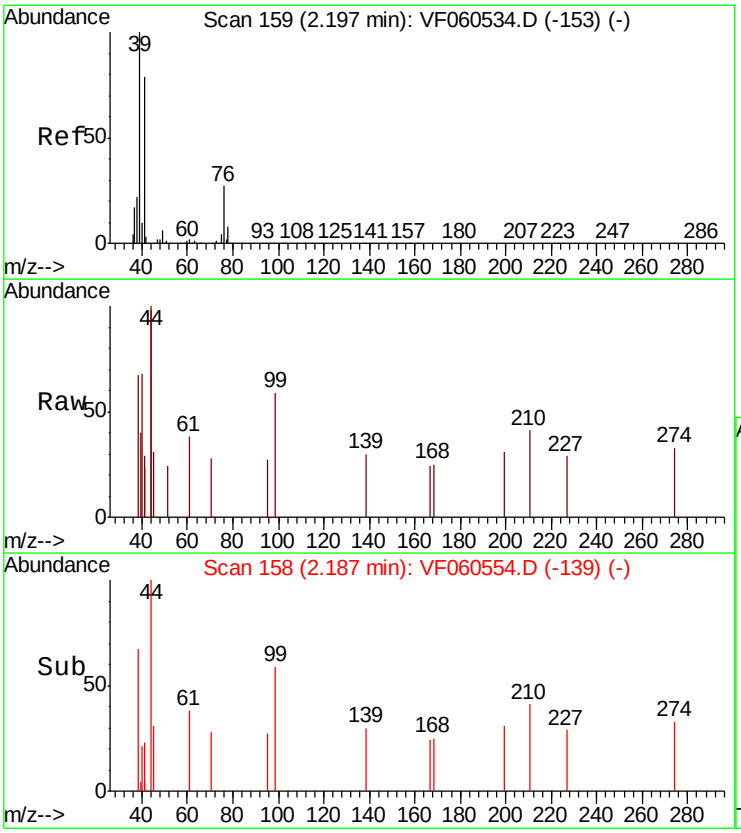
#13
Acrolein
Concen: 85.000 ug/l
RT: 2.04 min Scan# 143
Delta R.T. -0.06 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 56 Resp: 64

Ion	Ratio	Lower	Upper
56	100		
55	0.0	60.4	90.6#

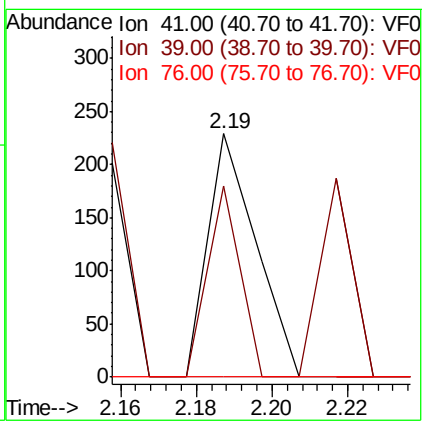


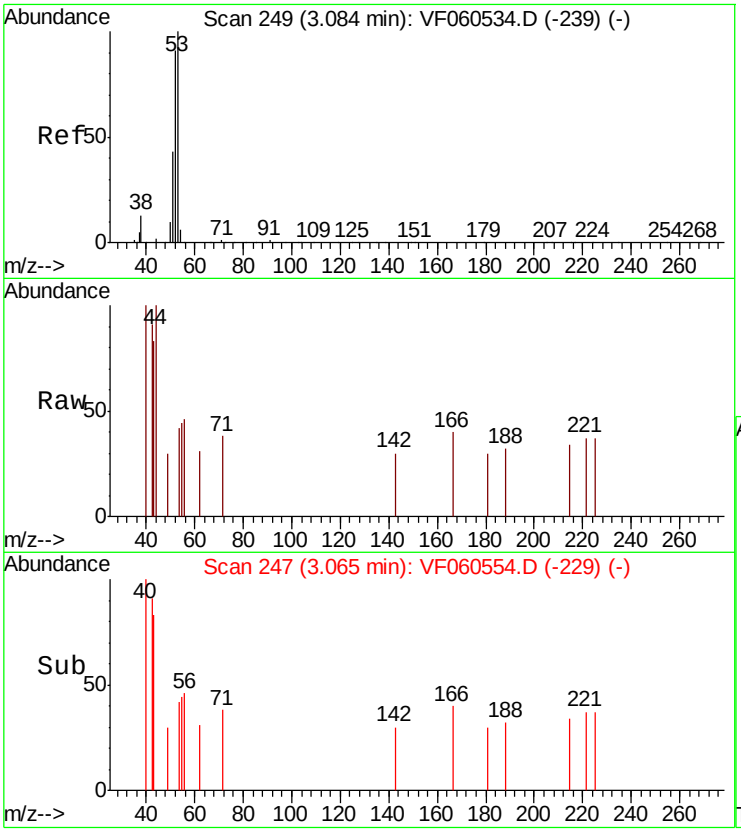


#14
Allyl chloride
Concen: 8.511 ug/l
RT: 2.19 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 41 Resp: 200

Ion	Ratio	Lower	Upper
41	100		
39	78.6	100.6	151.0#
76	0.0	27.6	41.4#



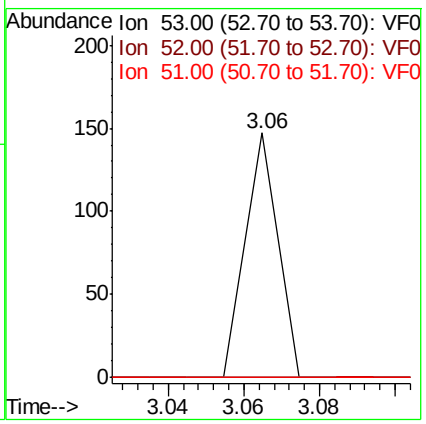


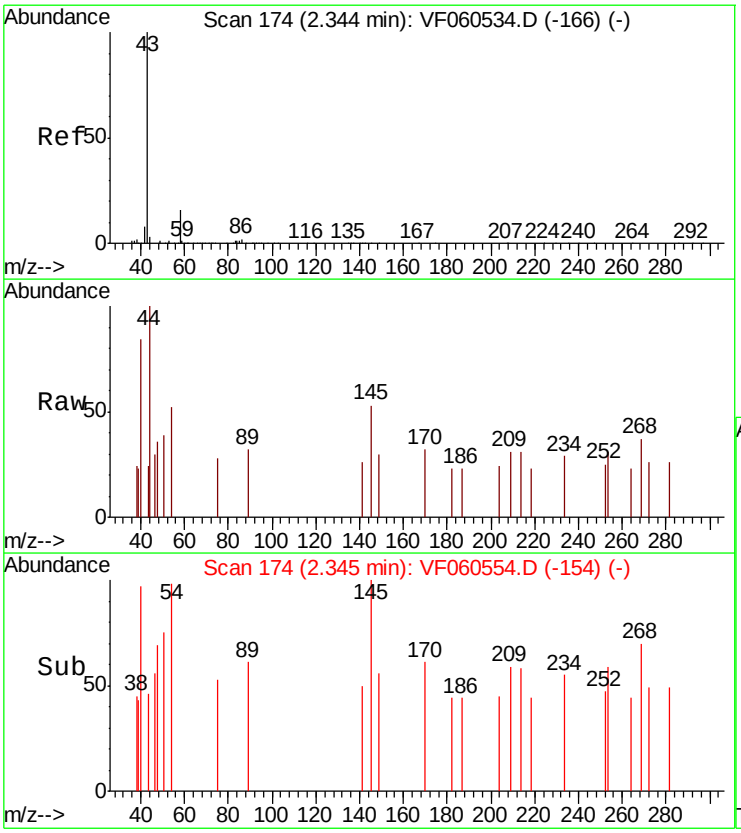
#15
Acrylonitrile
Concen: 42.895 ug/l
RT: 3.06 min Scan# 247
Delta R.T. -0.02 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 53 Resp: 87

Ion	Ratio	Lower	Upper
53	100		
52	0.0	73.2	109.8#
51	0.0	35.0	52.4#

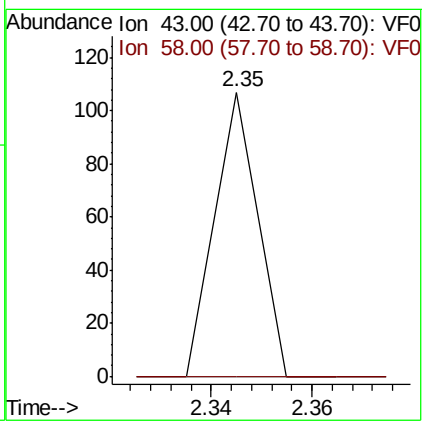


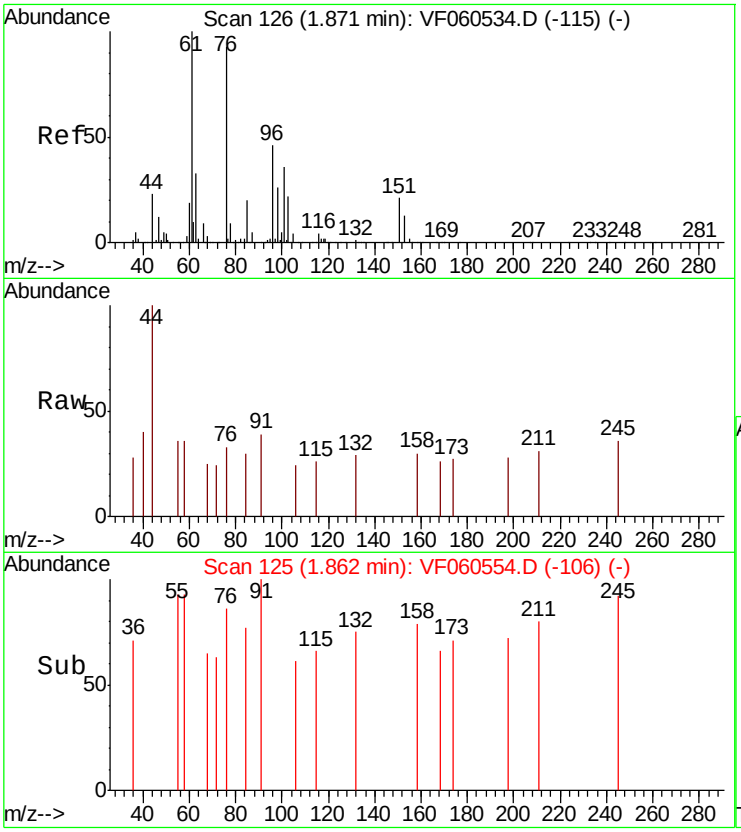


#16
Acetone
Concen: 6.791 ug/l
RT: 2.35 min Scan# 174
Delta R.T. 0.00 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 43 Resp: 63

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.8	19.2#



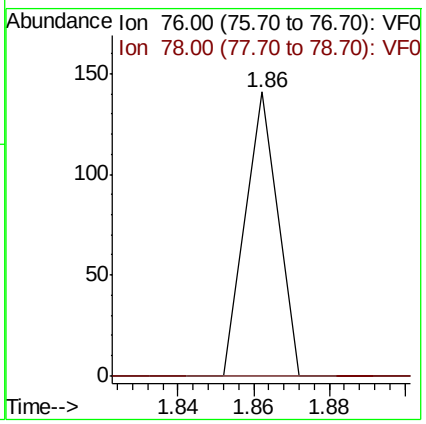


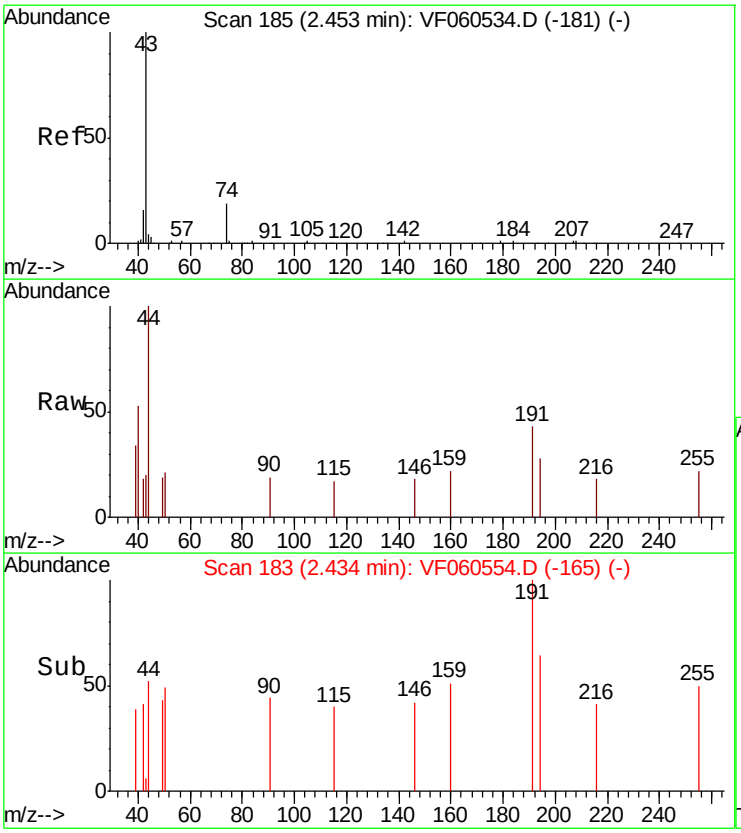
#17
Carbon Disulfide
Concen: 1.998 ug/l
RT: 1.86 min Scan# 125
Delta R.T. -0.01 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tgt Ion: 76 Resp: 83

Ion	Ratio	Lower	Upper
76	100		
78	0.0	8.0	12.0#

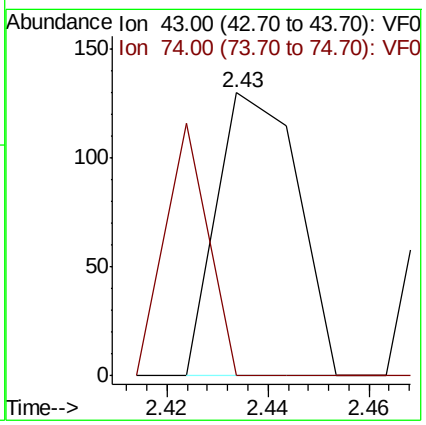


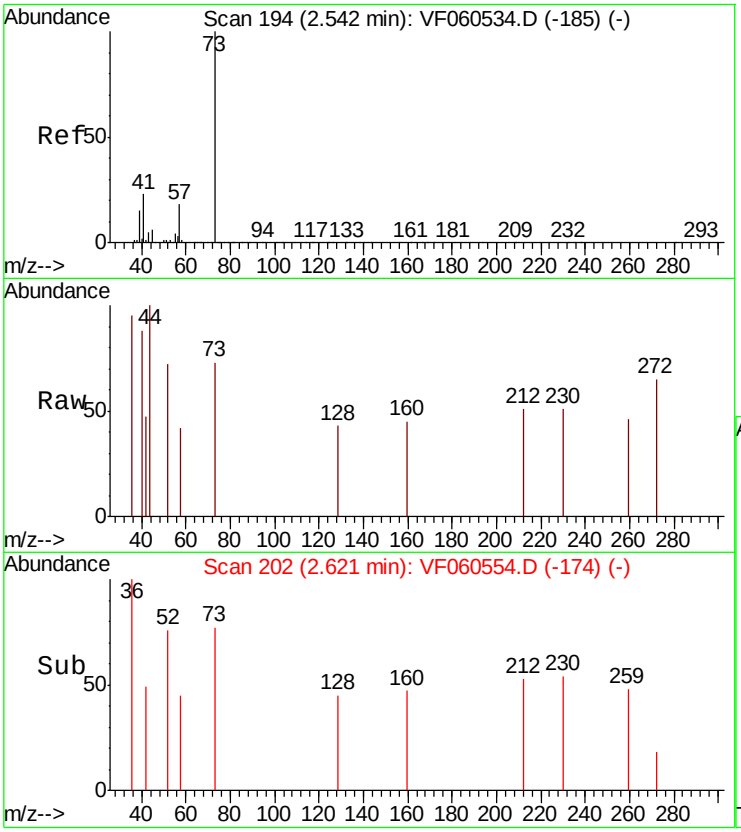


#18
Methyl Acetate
Concen: 24.872 ug/l
RT: 2.43 min Scan# 183
Delta R.T. -0.02 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 43 Resp: 145

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.5	20.3#



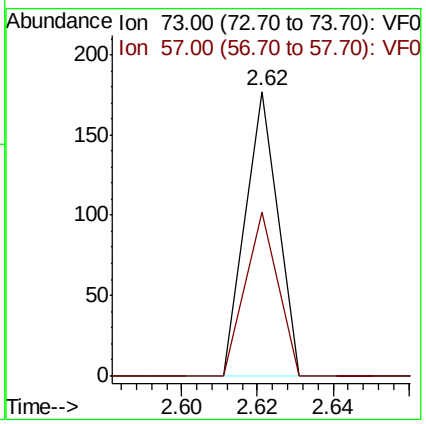


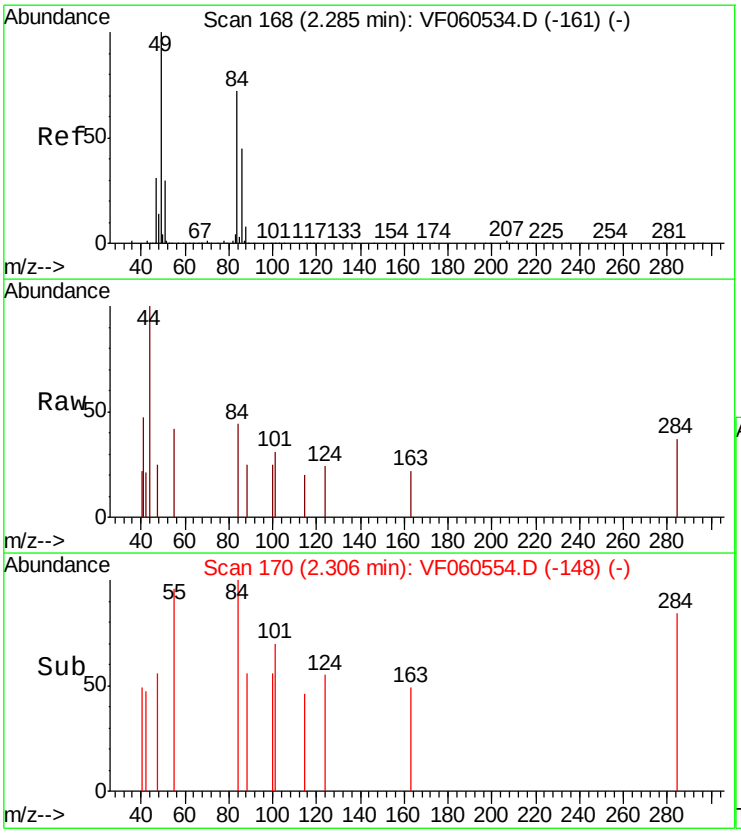
#19
Methyl tert-butyl Ether
Concen: 3.171 ug/l
RT: 2.62 min Scan# 202
Delta R.T. 0.08 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tgt Ion: 73 Resp: 105

Ion	Ratio	Lower	Upper
73	100		
57	57.6	14.7	22.1#

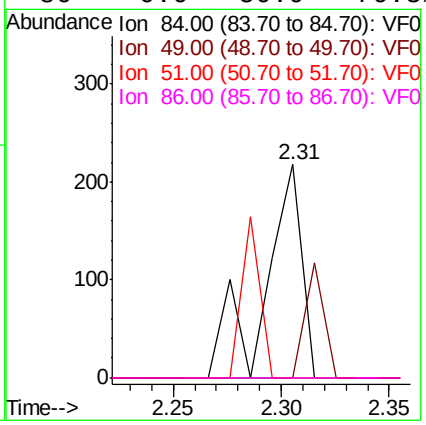


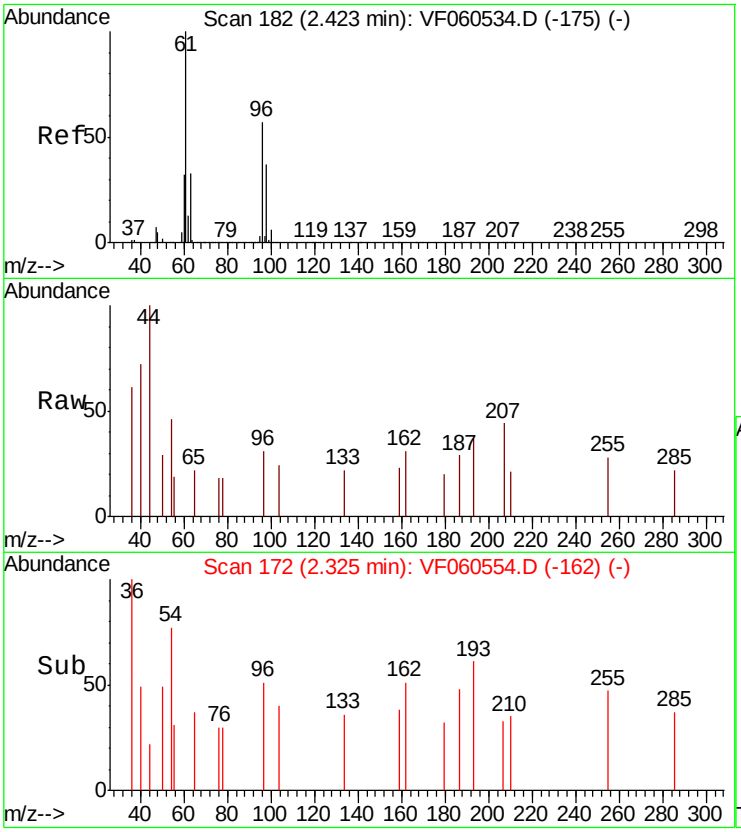


#20
Methylene Chloride
Concen: 18.821 ug/l
RT: 2.31 min Scan# 170
Delta R.T. 0.02 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 84 Resp: 260

Ion	Ratio	Lower	Upper
84	100		
49	0.0	115.4	173.0#
51	0.0	35.4	53.2#
86	0.0	50.9	76.3#



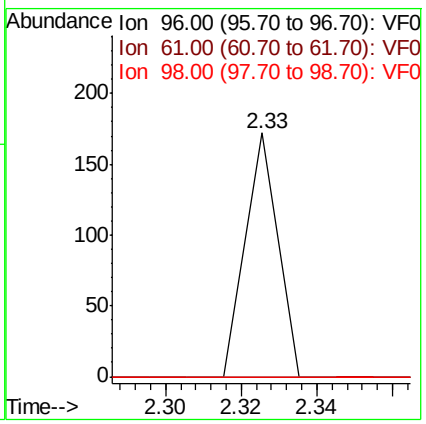


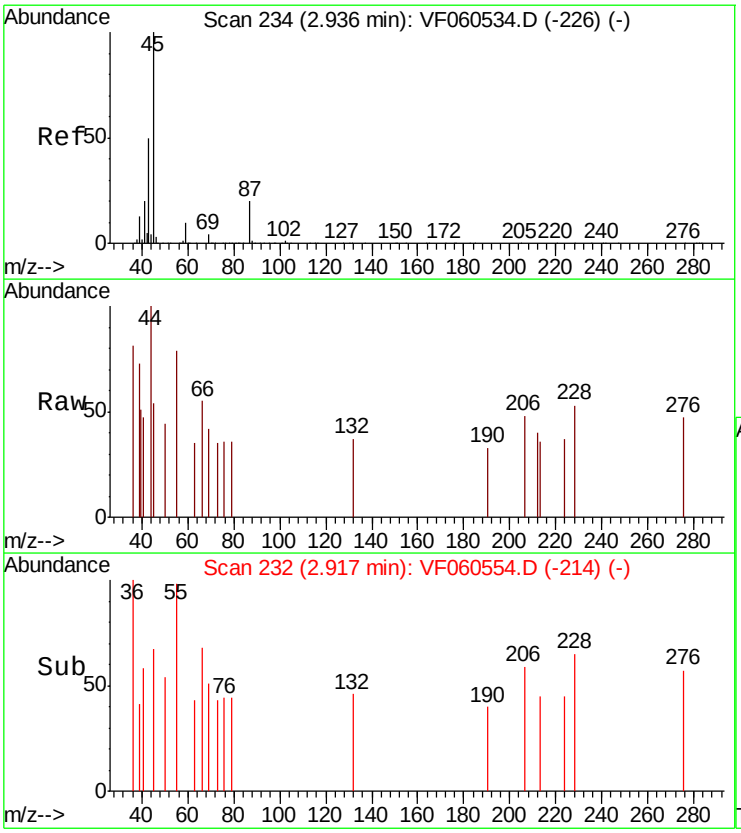
#21
trans-1,2-Dichloroethene
Concen: 6.748 ug/l
RT: 2.33 min Scan# 172
Delta R.T. -0.10 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tgt Ion: 96 Resp: 102

Ion	Ratio	Lower	Upper
96	100		
61	0.0	139.8	209.6#
98	0.0	52.2	78.4#

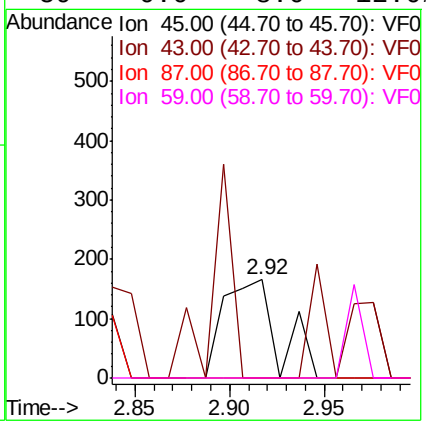


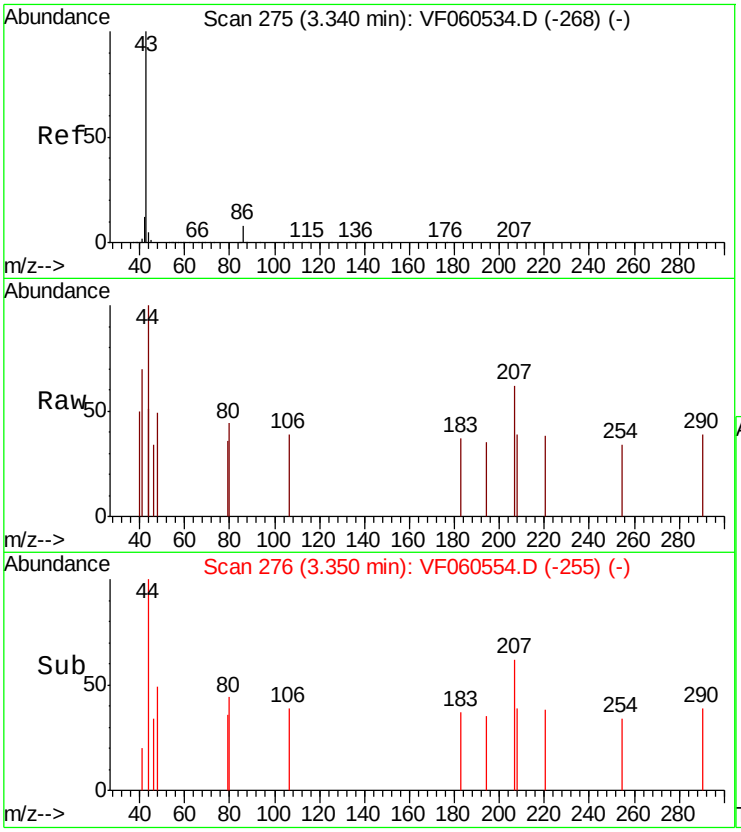


#22
Diisopropyl ether
Concen: 7.825 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.02 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 45 Resp: 334

Ion	Ratio	Lower	Upper
45	100		
43	0.0	40.6	60.8#
87	0.0	15.9	23.9#
59	0.0	8.0	12.0#



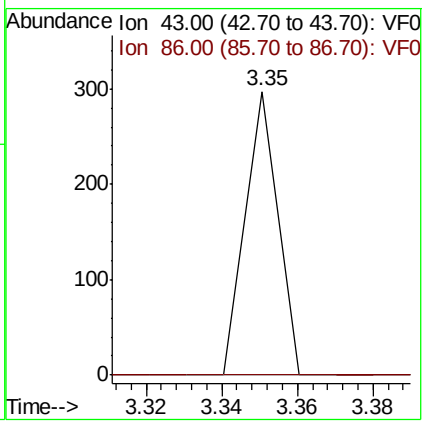


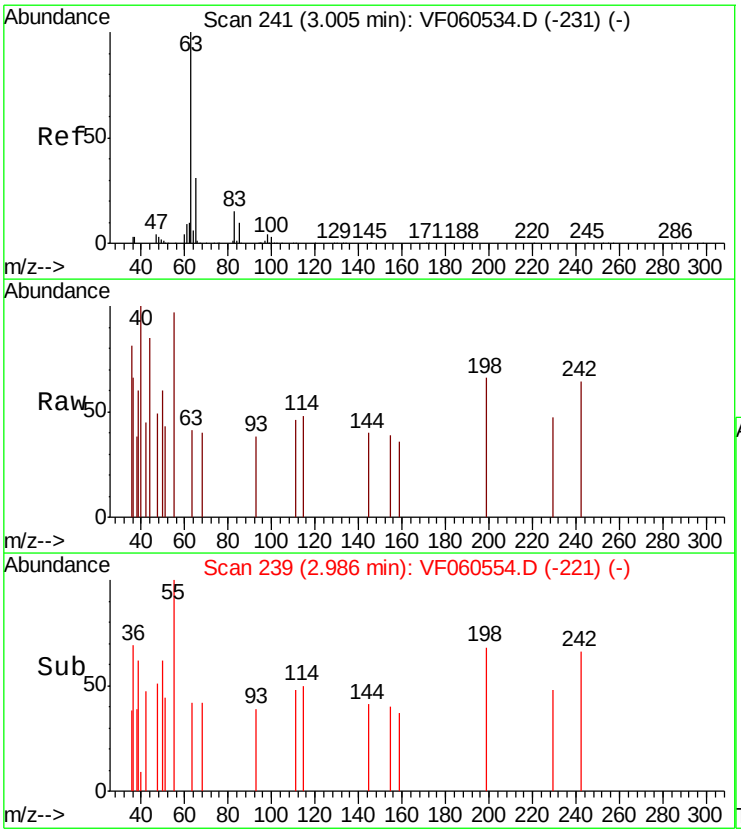
#23
Vinyl Acetate
Concen: 11.116 ug/l
RT: 3.35 min Scan# 276
Delta R.T. 0.01 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 43 Resp: 176

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.2#

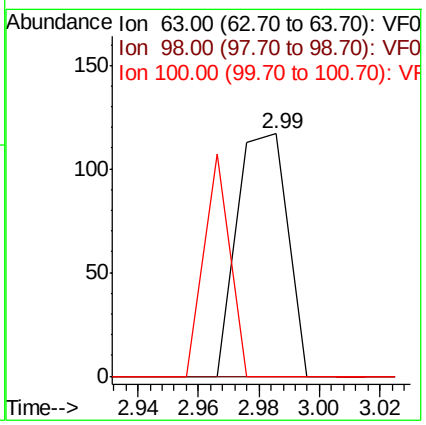


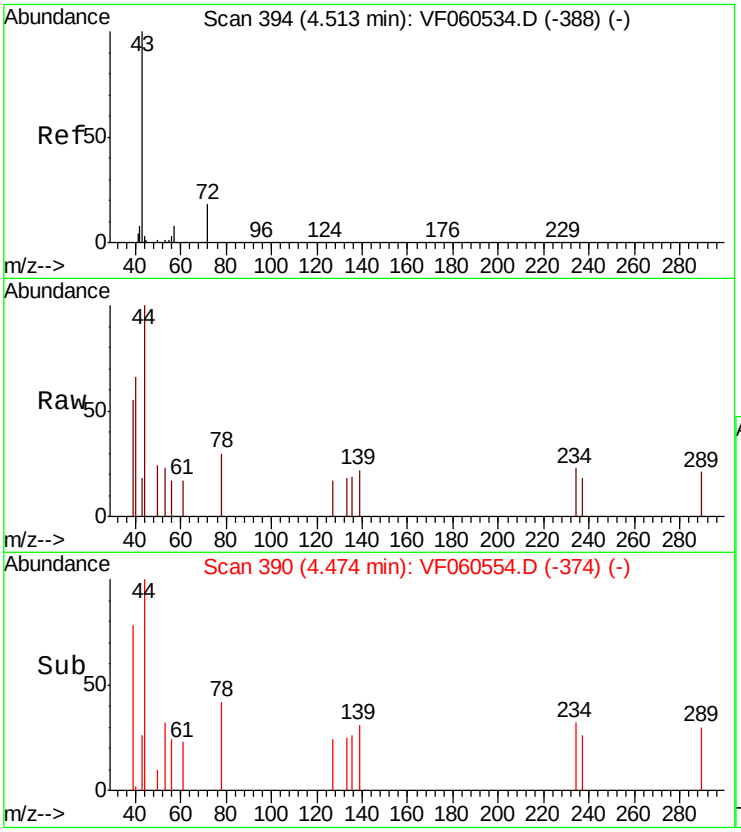


#24
1,1-Dichloroethane
Concen: 4.416 ug/l
RT: 2.99 min Scan# 239
Delta R.T. -0.02 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 63 Resp: 136

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.0	6.0#
100	0.0	1.4	4.0#



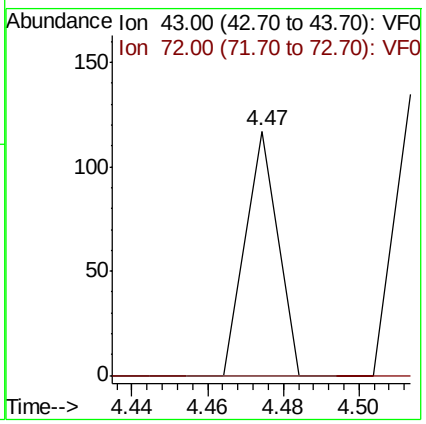


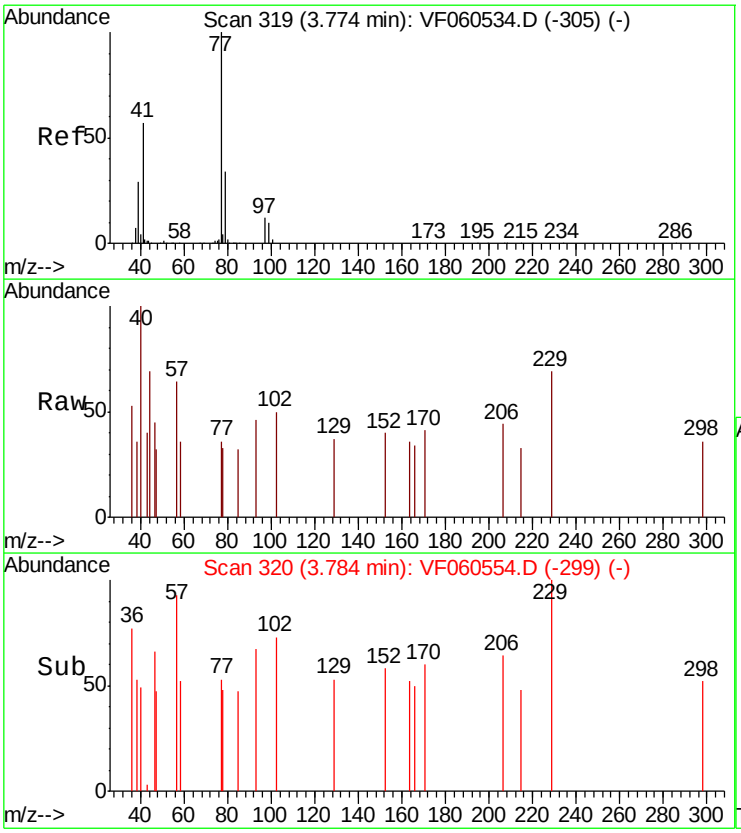
#25
2-Butanone
Concen: Below Cal
RT: 4.47 min Scan# 390
Delta R.T. -0.04 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tgt Ion: 43 Resp: 69

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.4	26.0#

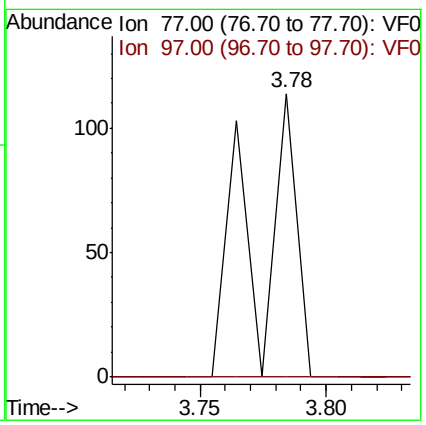


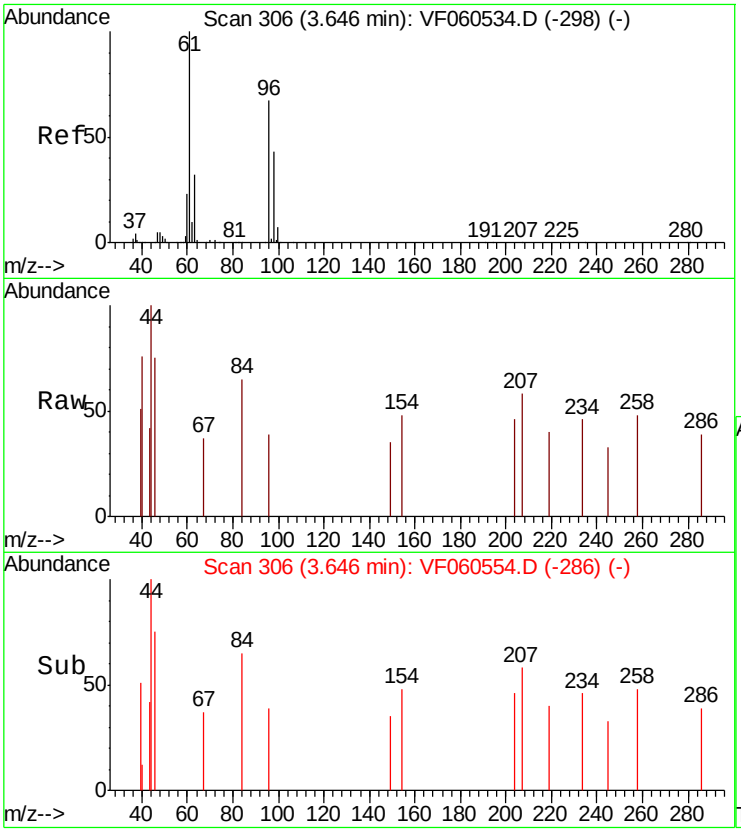


#26
2,2-Dichloropropane
Concen: 6.687 ug/l
RT: 3.78 min Scan# 320
Delta R.T. 0.01 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 77 Resp: 128

Ion	Ratio	Lower	Upper
77	100		
97	0.0	8.5	25.5#



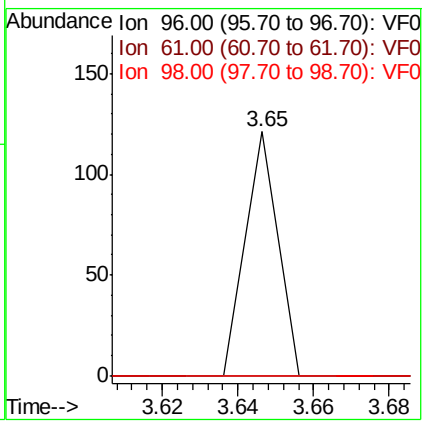


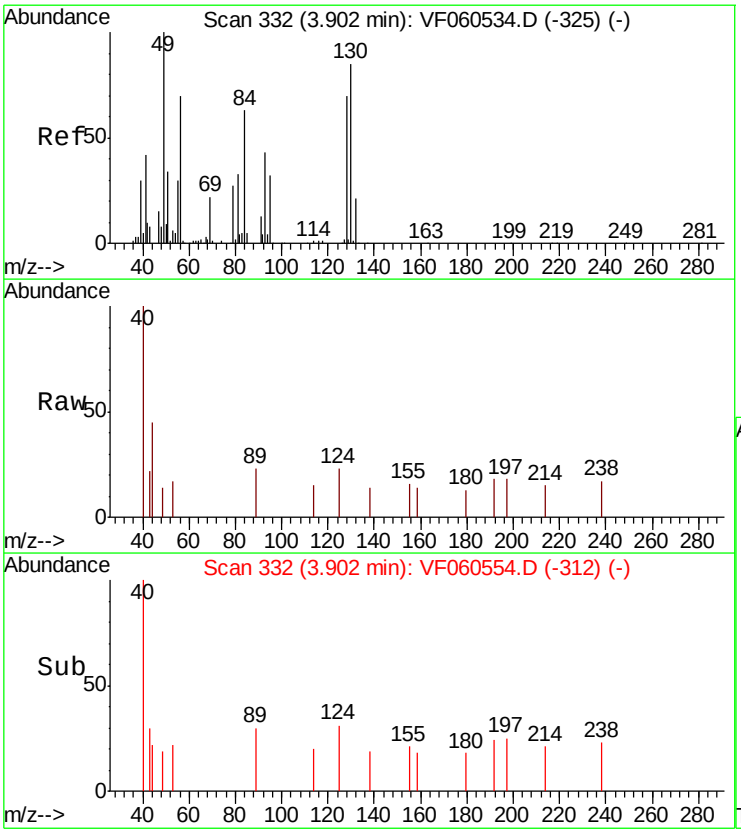
#27
cis-1,2-Dichloroethene
Concen: 3.951 ug/l
RT: 3.65 min Scan# 306
Delta R.T. 0.00 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tgt Ion: 96 Resp: 72

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	300.8
98	0.0	0.0	128.4

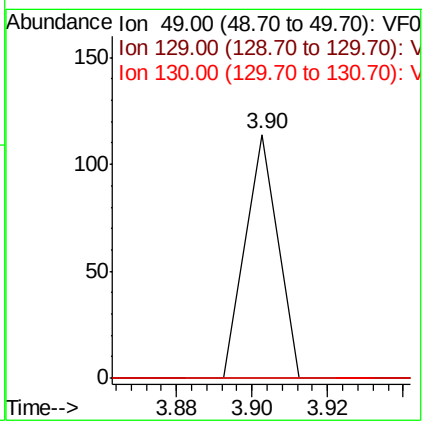


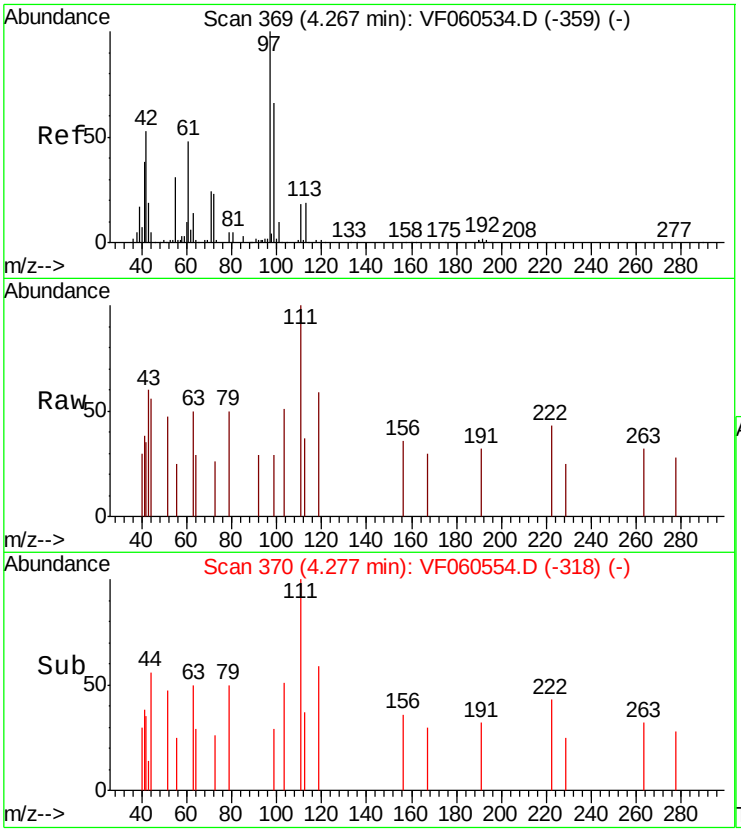


#28
Bromochloromethane
Concen: 6.039 ug/l
RT: 3.90 min Scan# 332
Delta R.T. 0.00 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 49 Resp: 67

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	0.0	67.5	101.3#



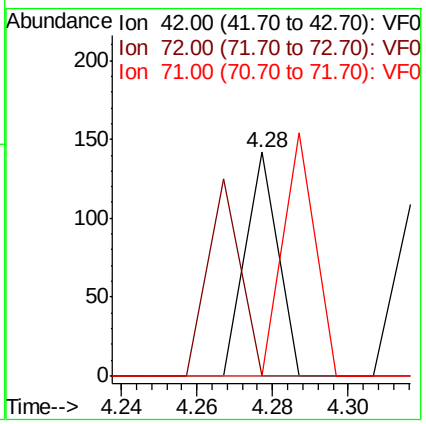


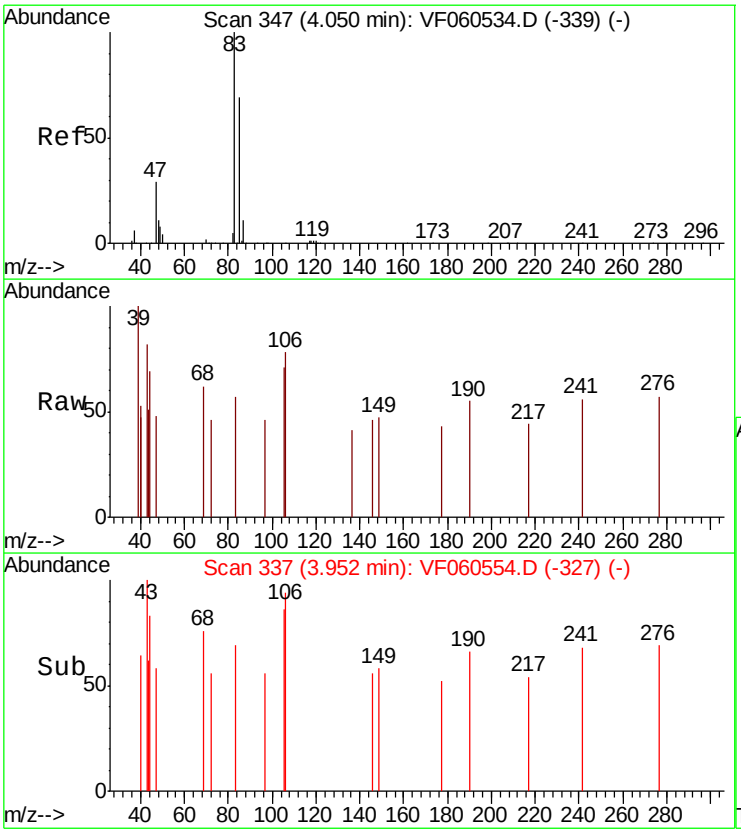
#29
Tetrahydrofuran
Concen: 37.855 ug/l
RT: 4.28 min Scan# 370
Delta R.T. 0.01 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tgt Ion: 42 Resp: 84

Ion	Ratio	Lower	Upper
42	100		
72	88.1	32.5	48.7#
71	108.3	34.5	51.7#

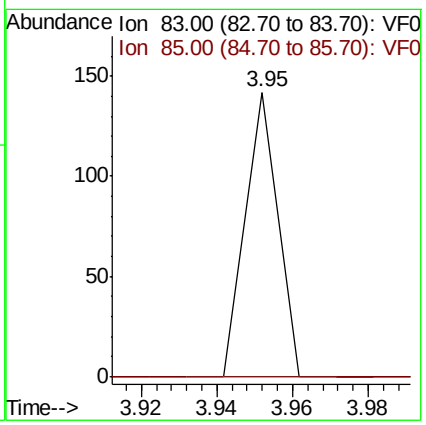


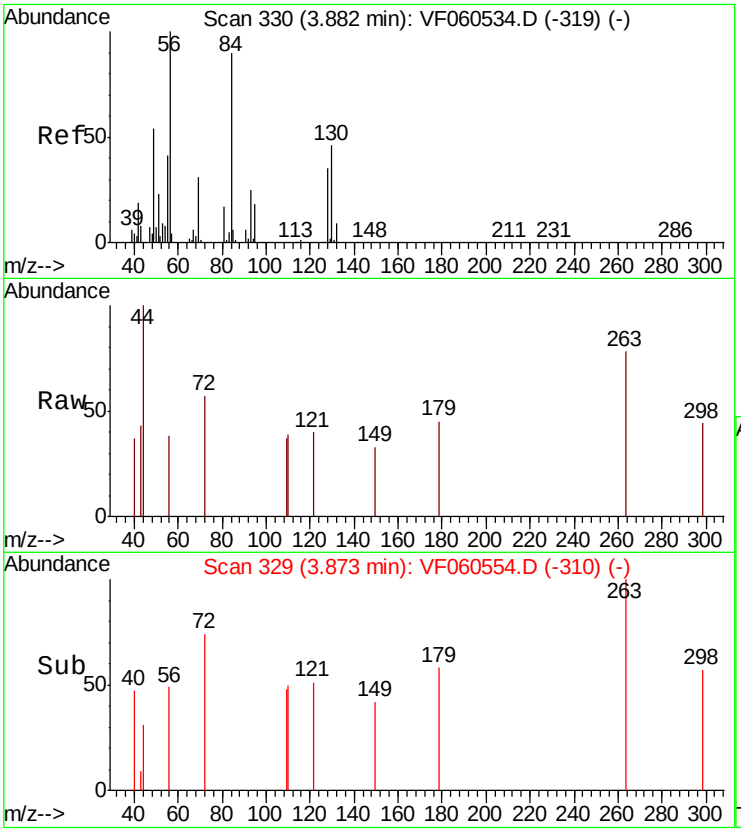


#30
Chloroform
Concen: 2.159 ug/l
RT: 3.95 min Scan# 337
Delta R.T. -0.10 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 83 Resp: 84

Ion	Ratio	Lower	Upper
83	100		
85	0.0	55.0	82.4#



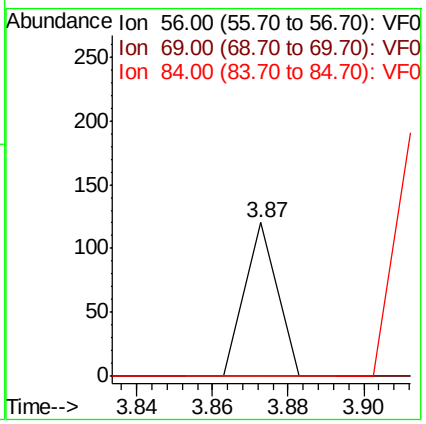


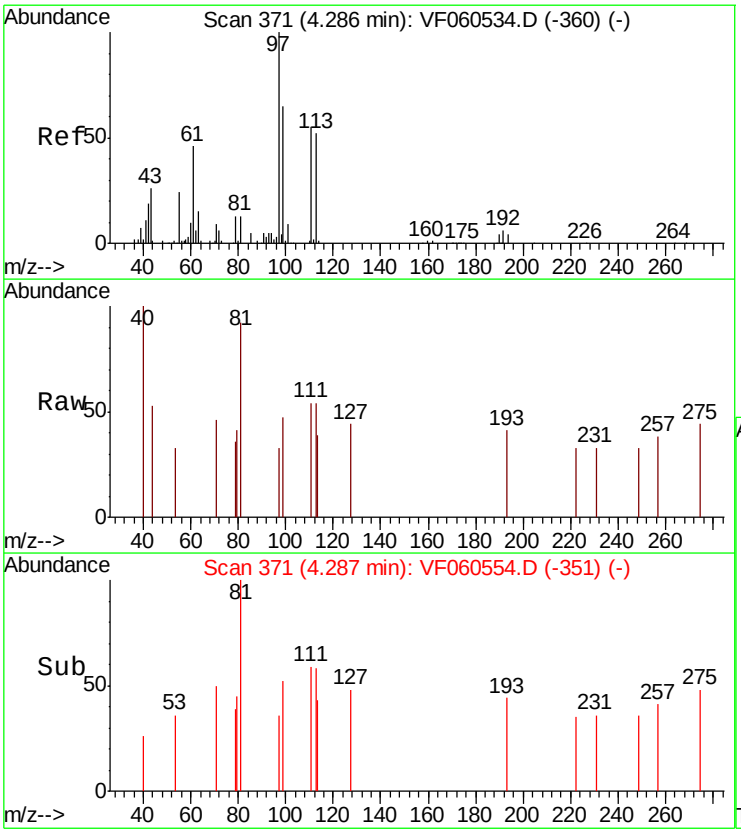
#31
Cyclohexane
Concen: 3.229 ug/l
RT: 3.87 min Scan# 329
Delta R.T. -0.01 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 56 Resp: 71

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.0	37.6#
84	0.0	72.1	108.1#

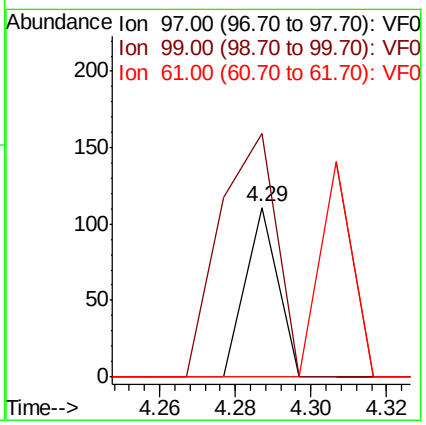


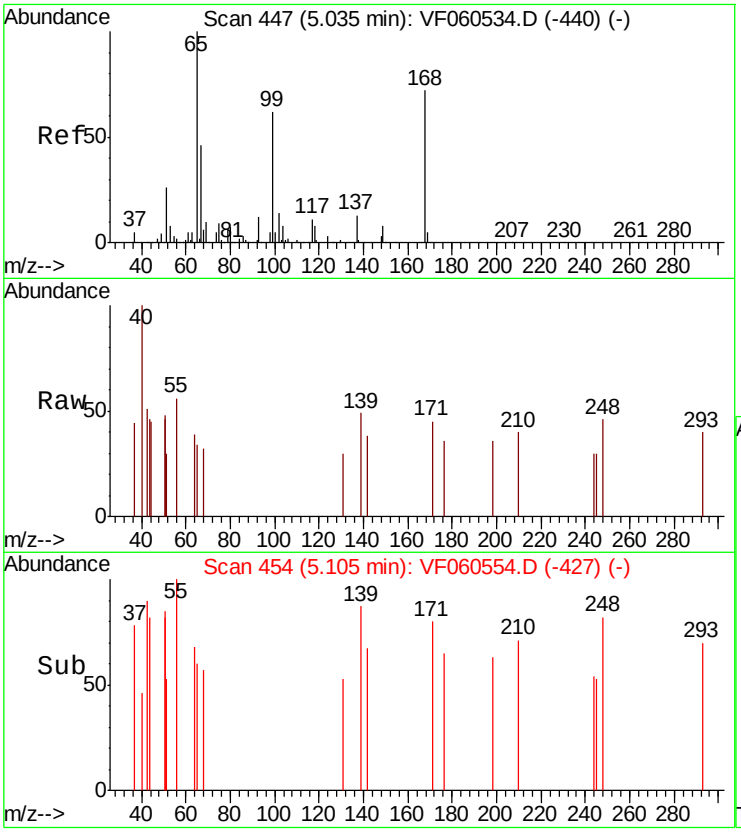


#32
1,1,1-Trichloroethane
Concen: 2.052 ug/l
RT: 4.29 min Scan# 371
Delta R.T. 0.00 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 97 Resp: 66

Ion	Ratio	Lower	Upper
97	100		
99	143.2	51.7	77.5#
61	0.0	36.8	55.2#



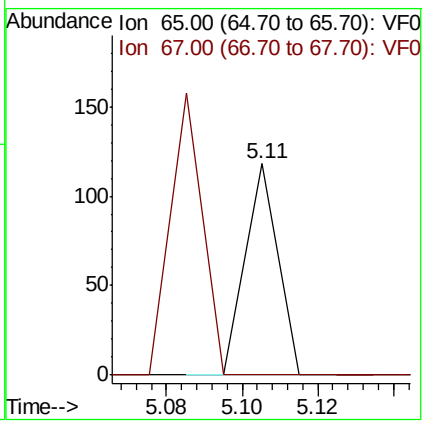


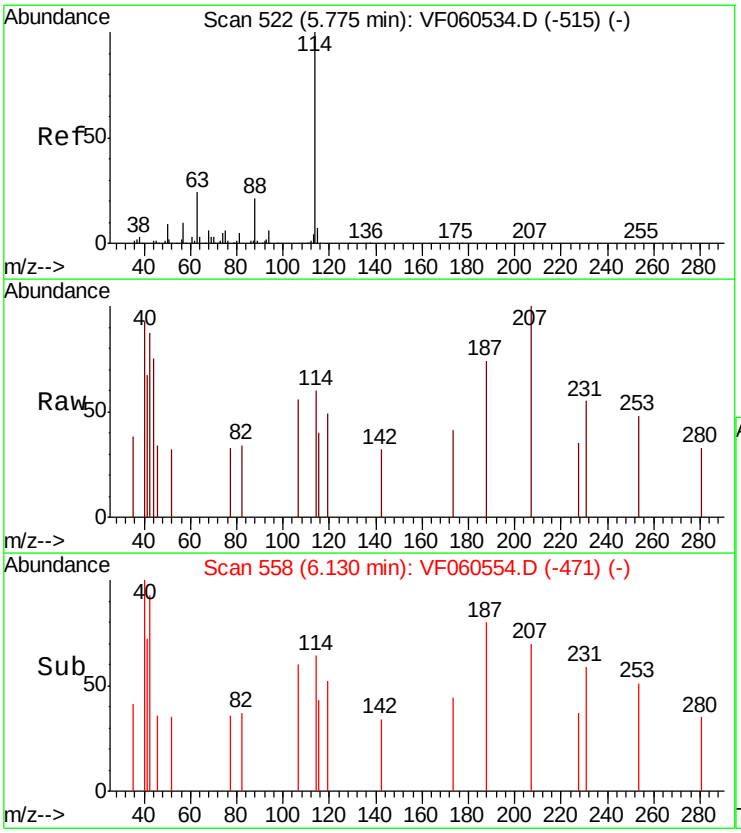
#33
1,2-Dichloroethane-d4
Concen: 3.451 ug/l
RT: 5.11 min Scan# 454
Delta R.T. 0.07 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tgt Ion: 65 Resp: 70

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	94.4

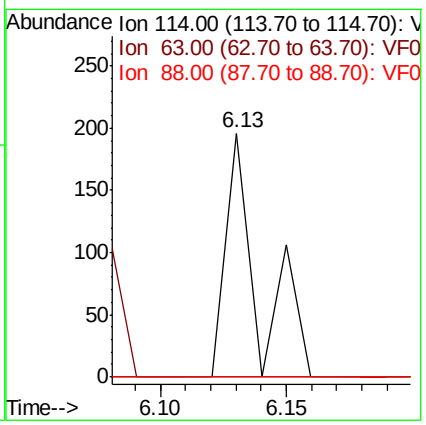


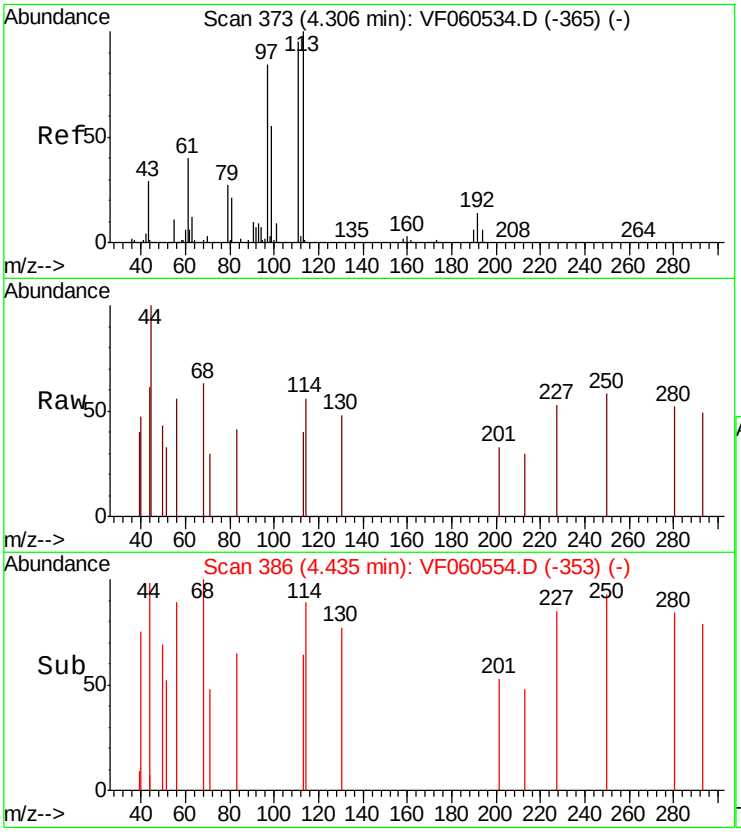


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.13 min Scan# 558
Delta R.T. 0.36 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion:114 Resp: 179

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	48.0
88	0.0	0.0	42.0



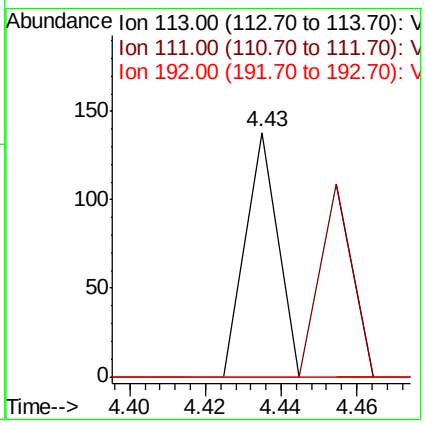


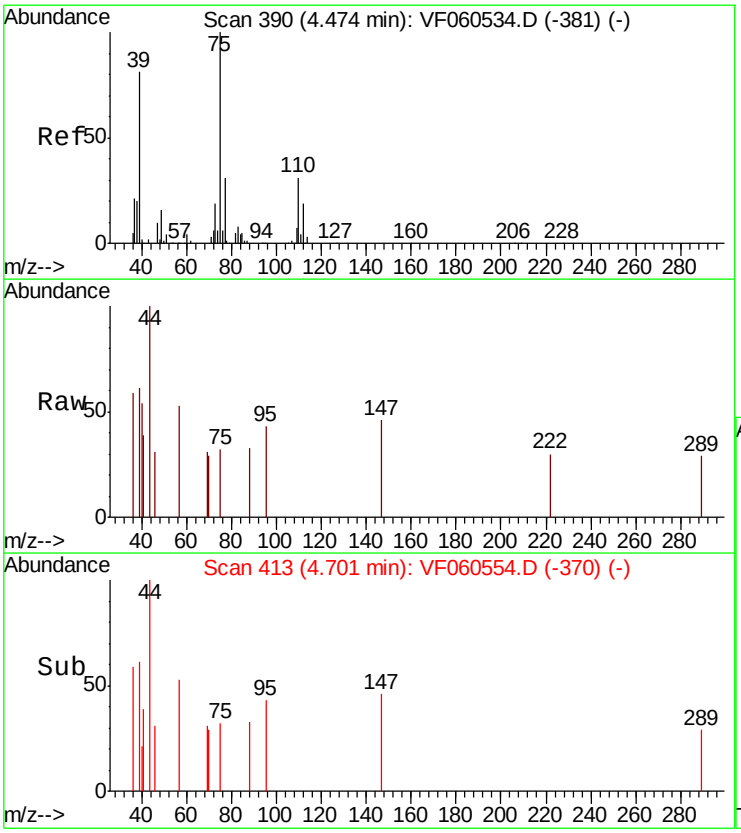
#35
Dibromofluoromethane
Concen: 47.740 ug/l
RT: 4.43 min Scan# 386
Delta R.T. 0.13 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion:113 Resp: 82

Ion	Ratio	Lower	Upper
113	100		
111	0.0	75.9	113.9#
192	0.0	11.2	16.8#

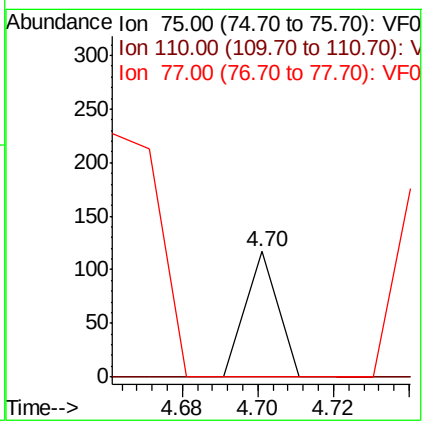


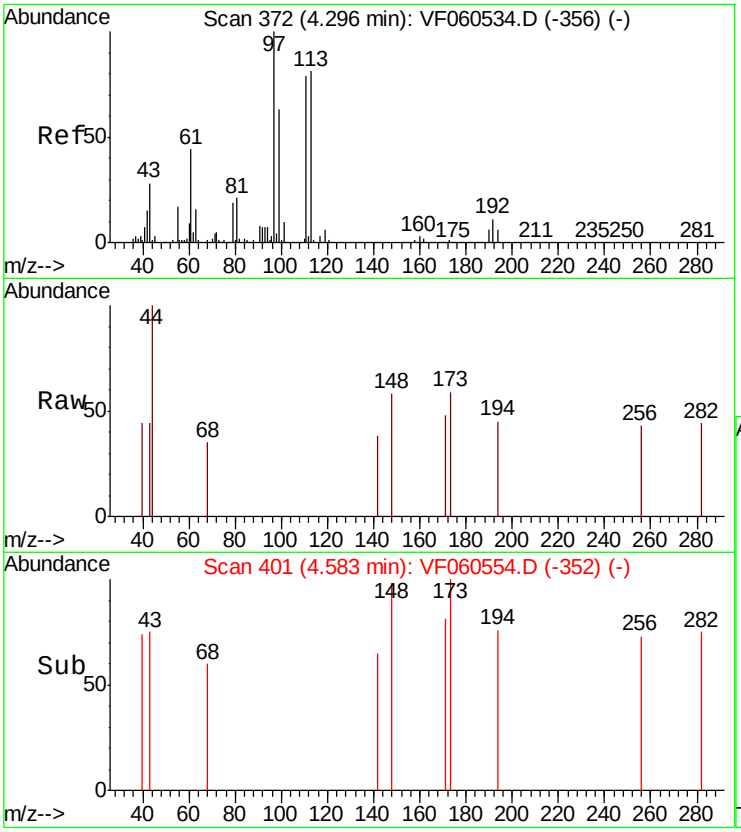


#36
1,1-Dichloropropene
Concen: 30.938 ug/l
RT: 4.70 min Scan# 413
Delta R.T. 0.23 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 75 Resp: 69

Ion	Ratio	Lower	Upper
75	100		
110	0.0	15.3	45.8#
77	0.0	24.8	37.2#



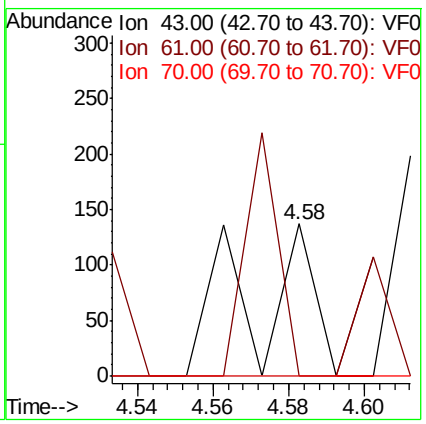


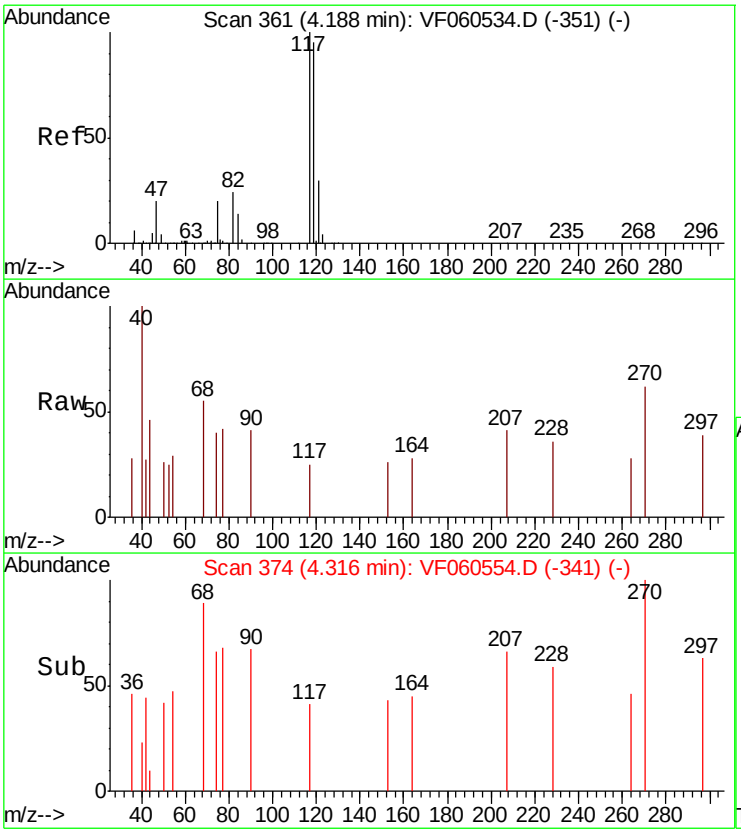
#37
Ethyl Acetate
Concen: 222.987 ug/l
RT: 4.58 min Scan# 401
Delta R.T. 0.29 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 43 Resp: 161

Ion	Ratio	Lower	Upper
43	100		
61	0.0	123.9	185.9#
70	0.0	7.3	10.9#

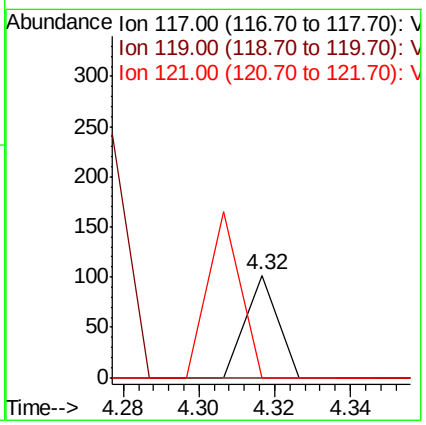


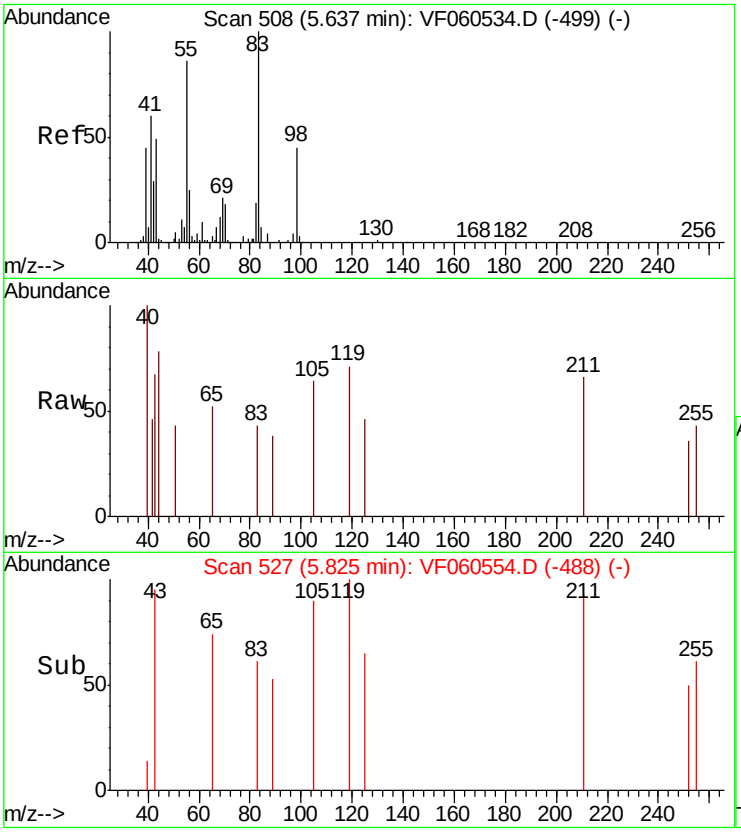


#38
Carbon Tetrachloride
Concen: 22.469 ug/l
RT: 4.32 min Scan# 374
Delta R.T. 0.13 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion:117 Resp: 60

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.5	114.7#
121	0.0	24.3	36.5#



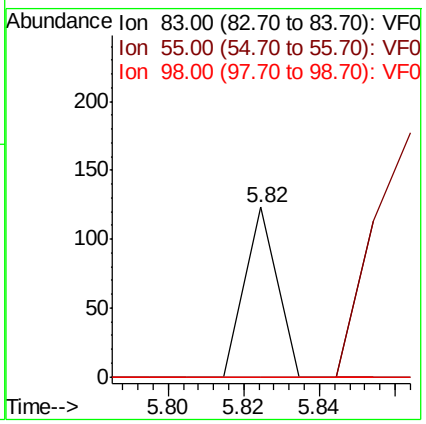


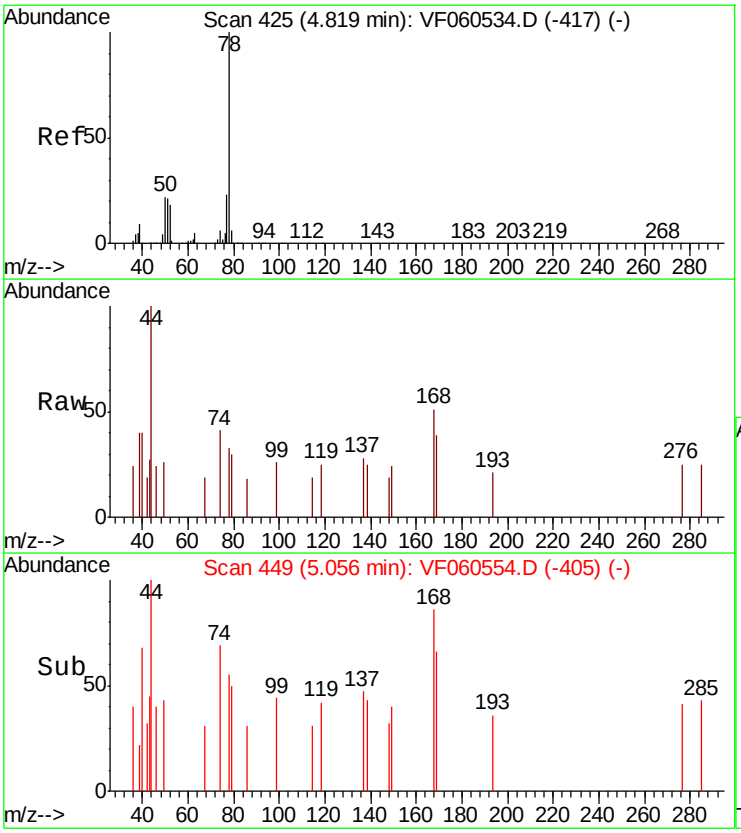
#39
Methylcyclohexane
Concen: 32.412 ug/l
RT: 5.82 min Scan# 527
Delta R.T. 0.19 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tgt Ion: 83 Resp: 73

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.0	103.4#
98	0.0	36.1	54.1#

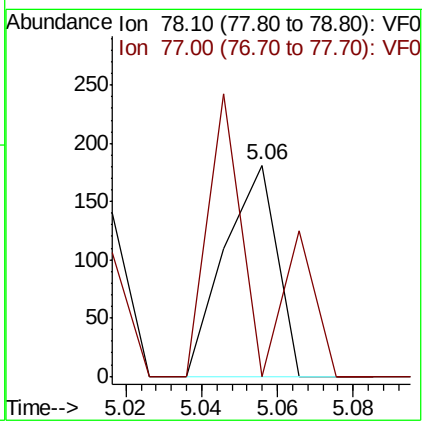


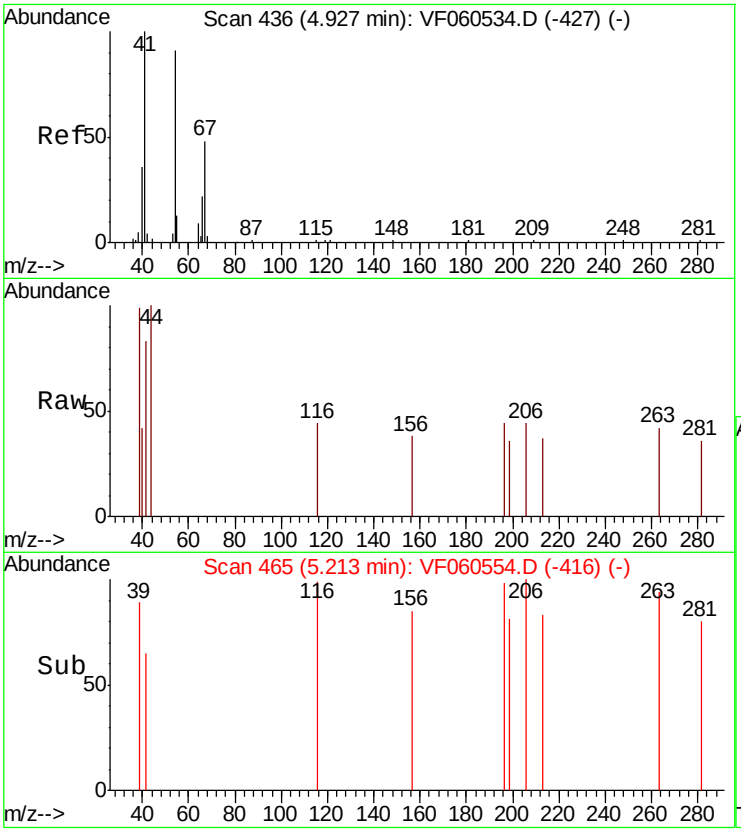


#40
Benzene
Concen: 38.884 ug/l
RT: 5.06 min Scan# 449
Delta R.T. 0.24 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 78 Resp: 172

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.5	27.7#



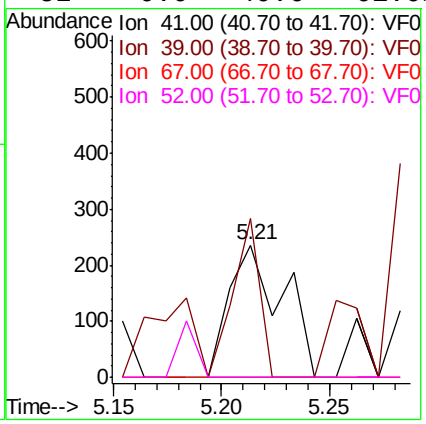


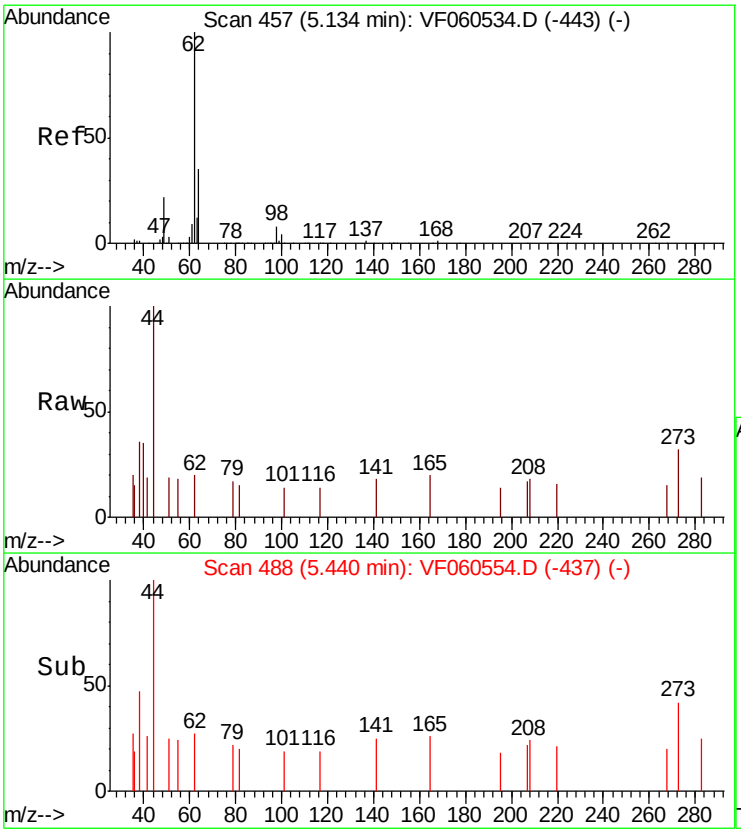
#41
Methacrylonitrile
Concen: 995.844 ug/l
RT: 5.21 min Scan# 465
Delta R.T. 0.29 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 41 Resp: 411

Ion	Ratio	Lower	Upper
41	100		
39	119.9	51.0	76.6#
67	0.0	38.0	57.0#
52	0.0	40.6	61.0#

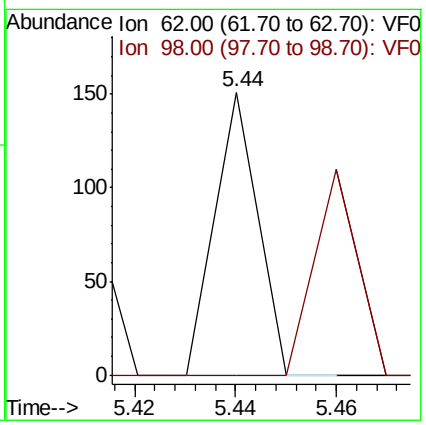


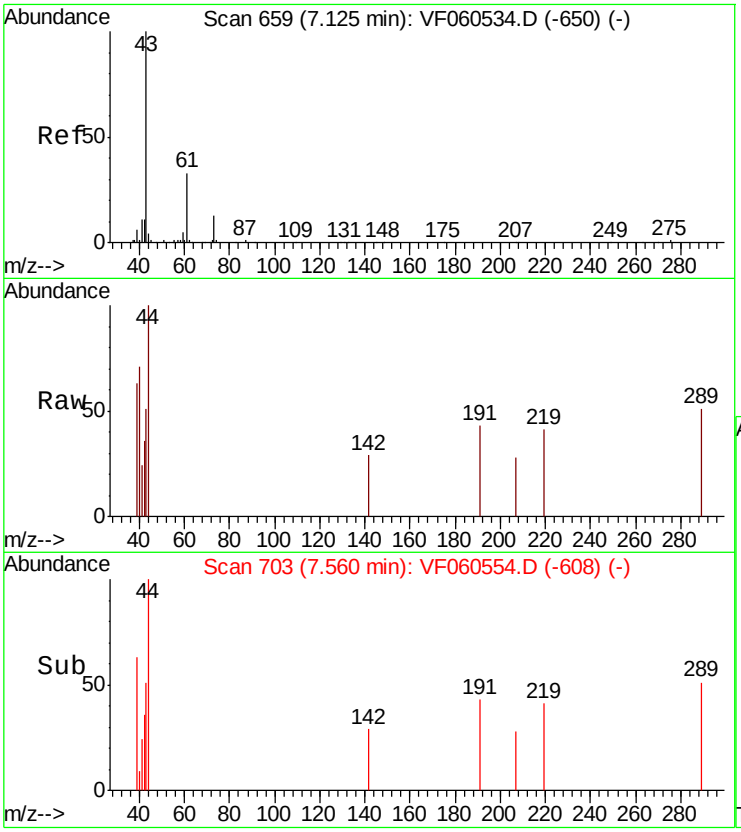


#42
1,2-Dichloroethane
Concen: 43.331 ug/l
RT: 5.44 min Scan# 488
Delta R.T. 0.31 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 62 Resp: 89

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8



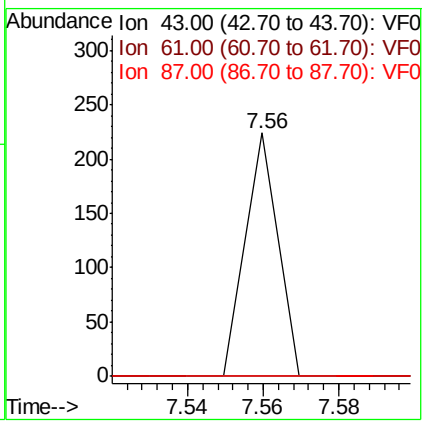


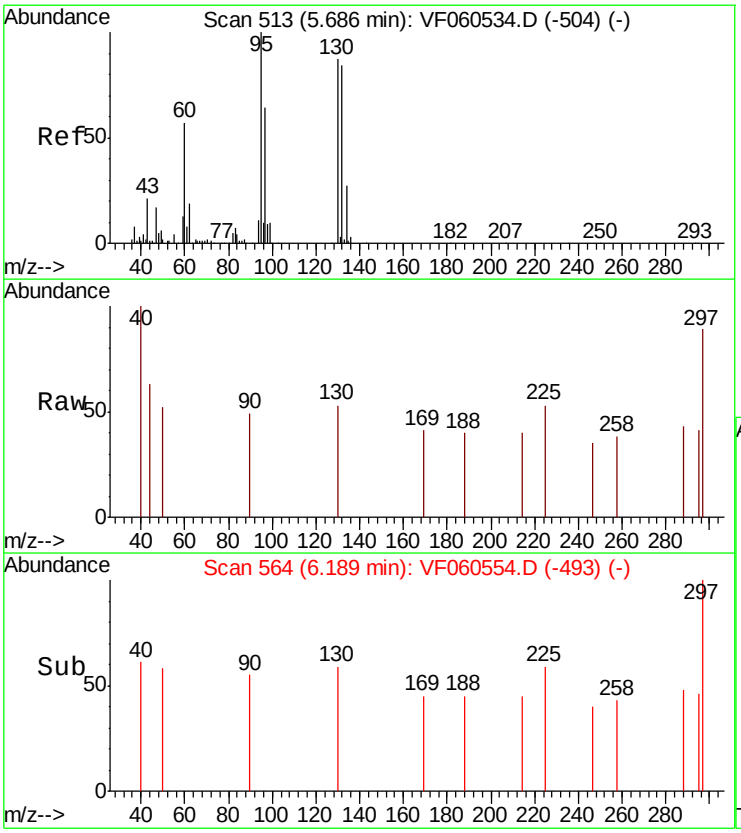
#43
Isopropyl Acetate
Concen: 151.040 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.43 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 43 Resp: 132

Ion	Ratio	Lower	Upper
43	100		
61	0.0	26.6	40.0#
87	0.0	0.6	1.0#

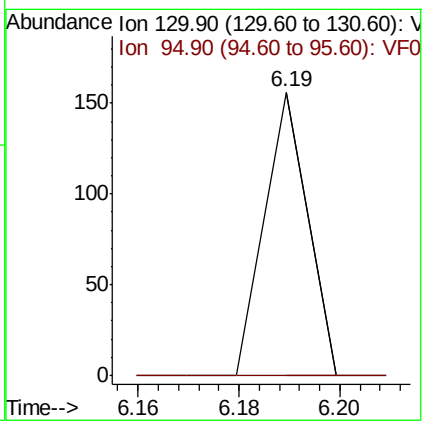


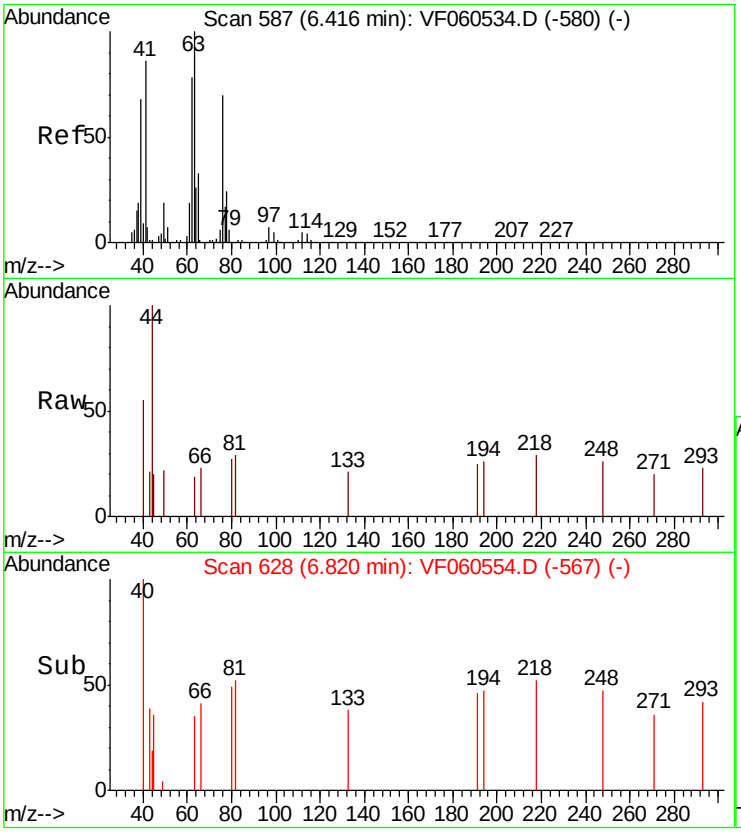


#44
Trichloroethene
Concen: 64.341 ug/l
RT: 6.19 min Scan# 564
Delta R.T. 0.50 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion:130 Resp: 92

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	229.4



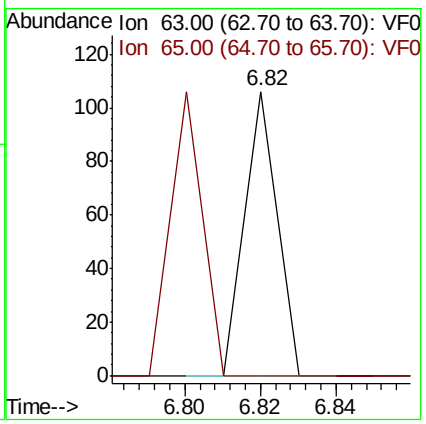


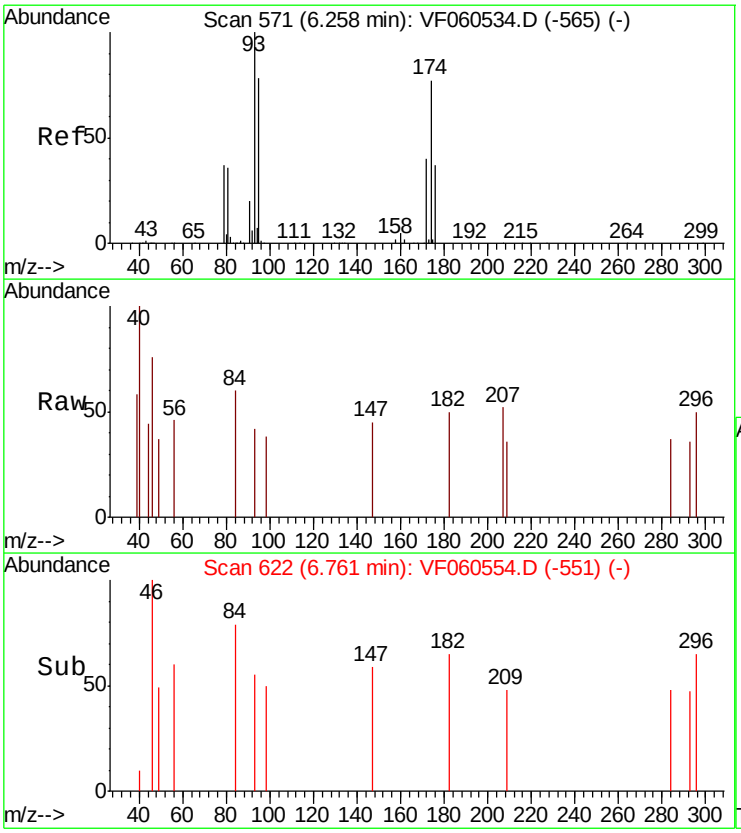
#45
1,2-Dichloropropane
Concen: 57.073 ug/l
RT: 6.82 min Scan# 628
Delta R.T. 0.40 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 63 Resp: 63

Ion	Ratio	Lower	Upper
63	100		
65	0.0	26.5	39.7#

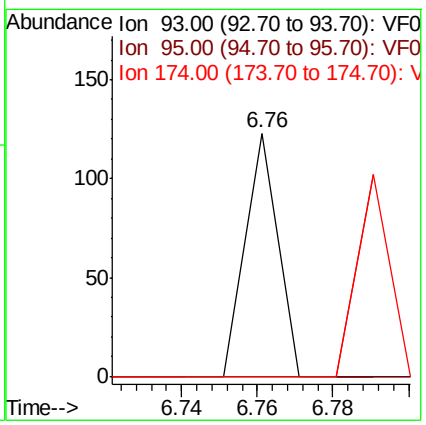


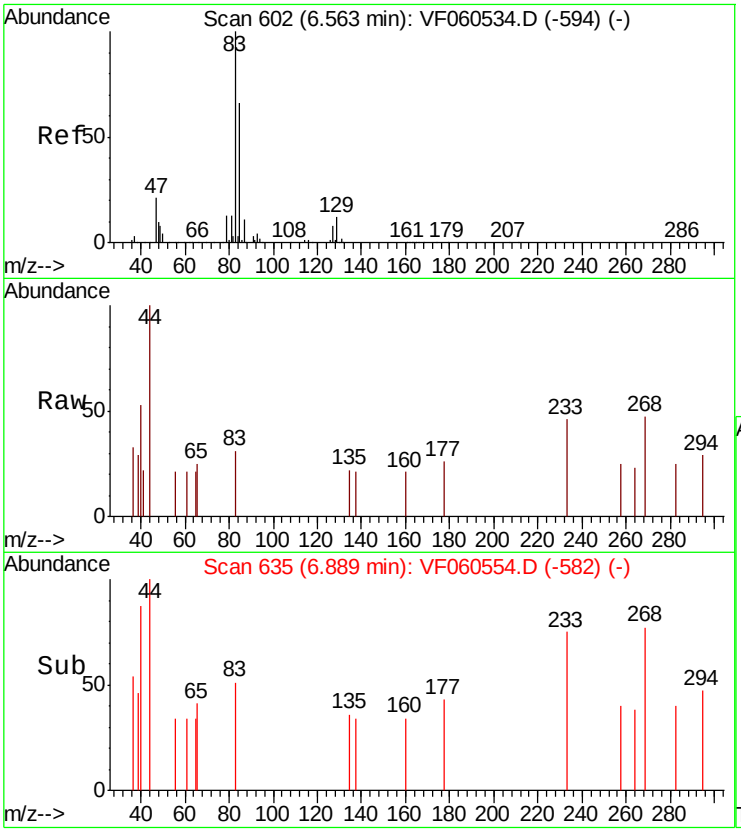


#46
Dibromomethane
Concen: 84.217 ug/l
RT: 6.76 min Scan# 622
Delta R.T. 0.50 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 93 Resp: 73

Ion	Ratio	Lower	Upper
93	100		
95	0.0	64.3	96.5#
174	0.0	63.3	94.9#



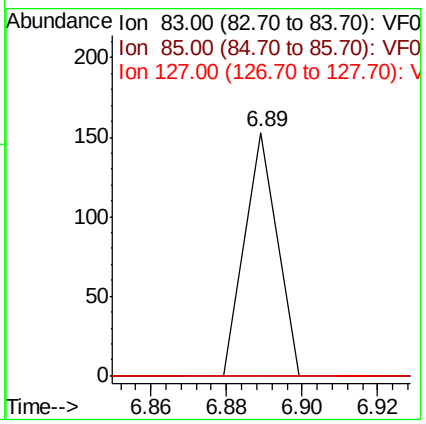


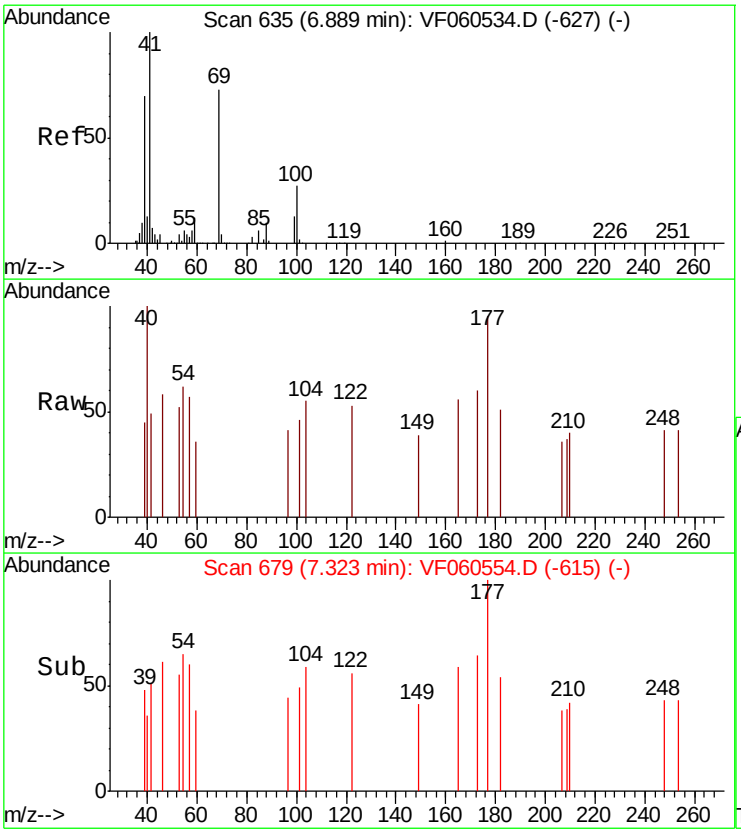
#47
Bromodichloromethane
Concen: 40.464 ug/l
RT: 6.89 min Scan# 635
Delta R.T. 0.33 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 83 Resp: 90

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.7	79.1#
127	0.0	6.4	9.6#

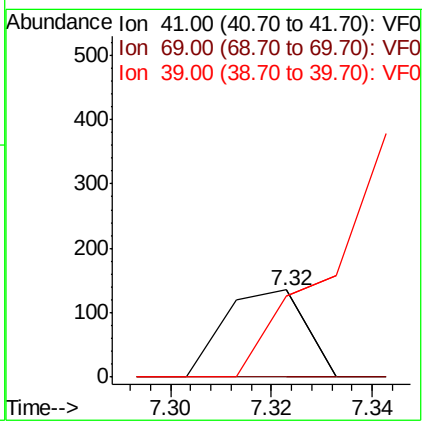


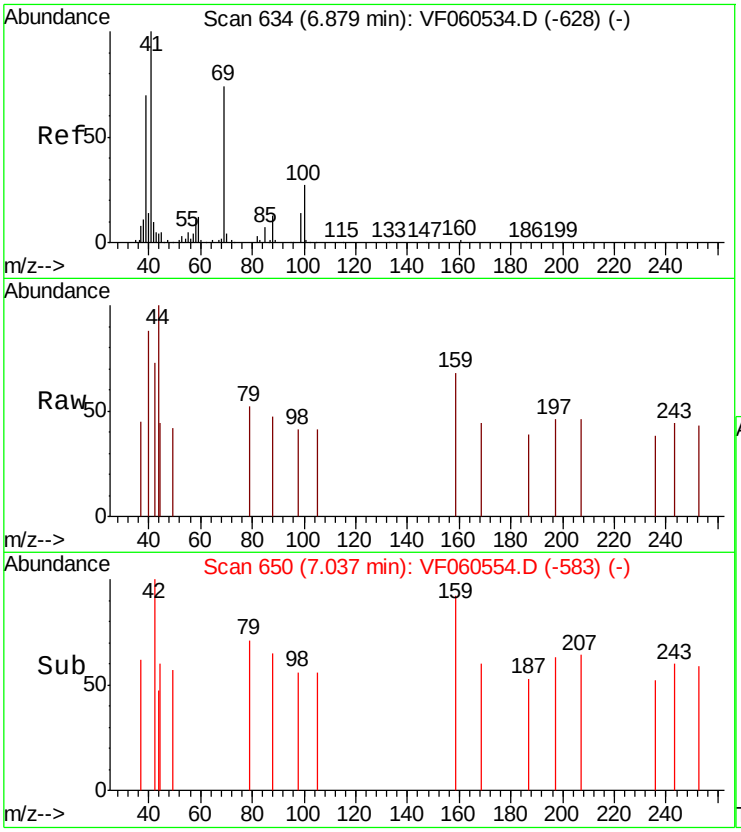


#48
Methyl methacrylate
Concen: 250.497 ug/l
RT: 7.32 min Scan# 679
Delta R.T. 0.43 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 41 Resp: 151

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.4	87.6#
39	93.3	56.4	84.6#



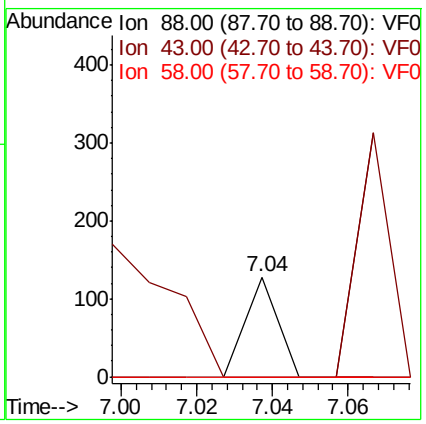


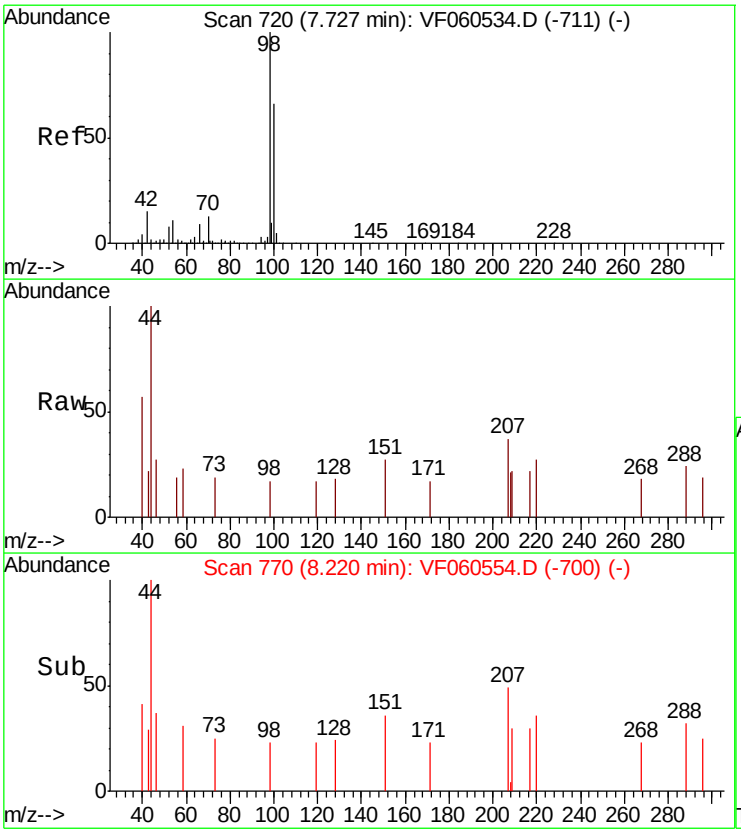
#49
1,4-Dioxane
Concen: 13553.127 ug/l
RT: 7.04 min Scan# 650
Delta R.T. 0.16 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 88 Resp: 76

Ion	Ratio	Lower	Upper
88	100		
43	0.0	49.7	74.5#
58	0.0	67.7	101.5#

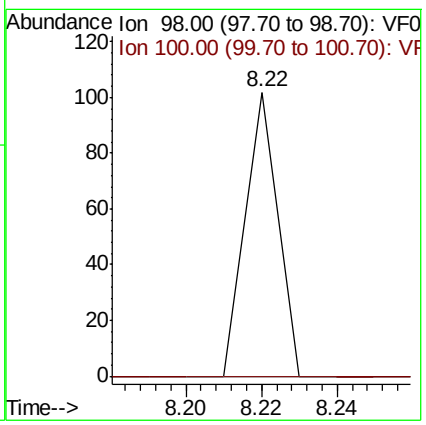


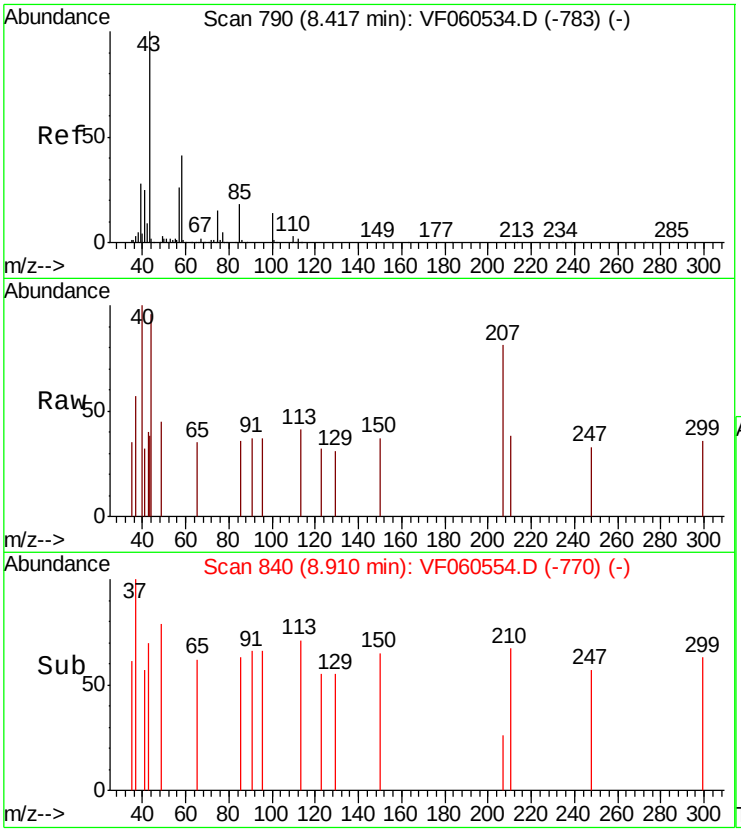


#50
Toluene-d8
Concen: 14.303 ug/l
RT: 8.22 min Scan# 770
Delta R.T. 0.49 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 98 Resp: 60

Ion	Ratio	Lower	Upper
98	100		
100	0.0	53.0	79.6#



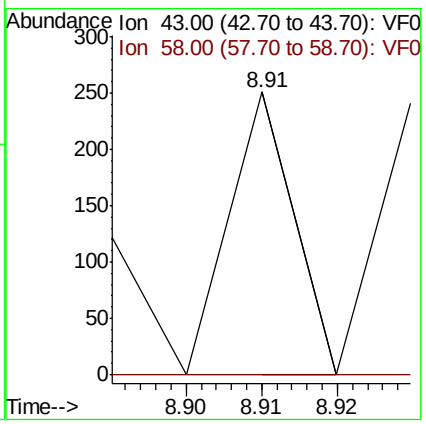


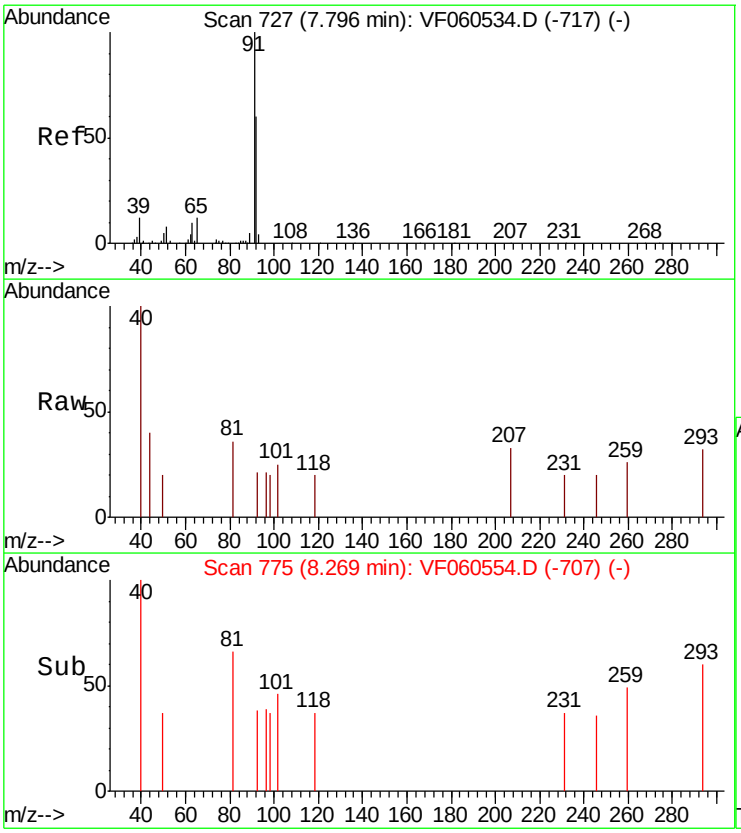
#51
4-Methyl-2-Pentanone
Concen: 233.790 ug/l
RT: 8.91 min Scan# 840
Delta R.T. 0.49 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 43 Resp: 148

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.6	49.0#

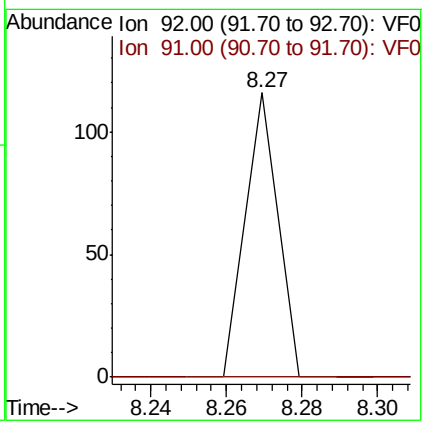


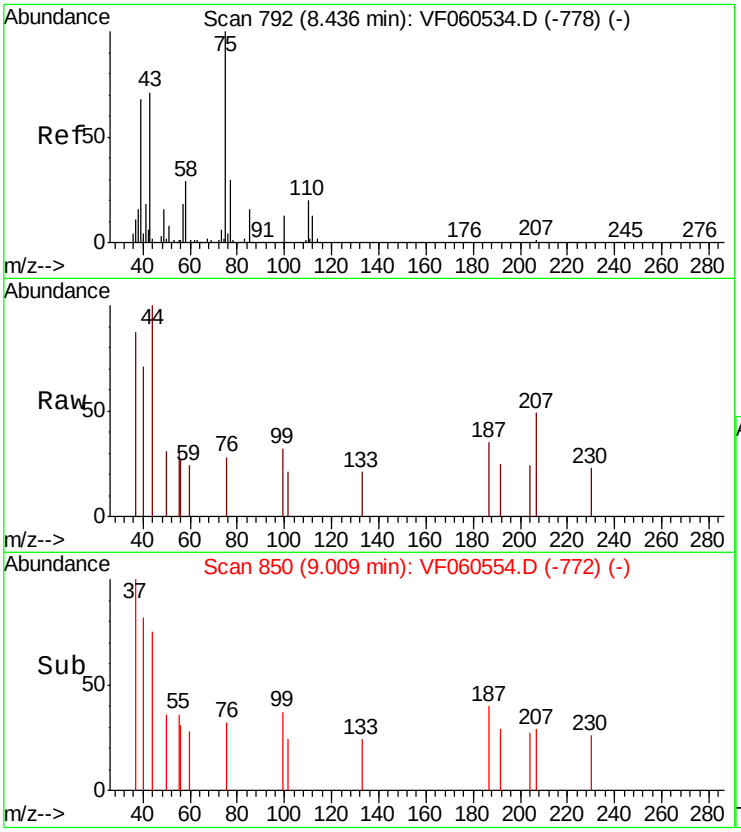


#52
Toluene
Concen: 24.028 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.47 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 92 Resp: 69

Ion	Ratio	Lower	Upper
92	100		
91	0.0	134.1	201.1#



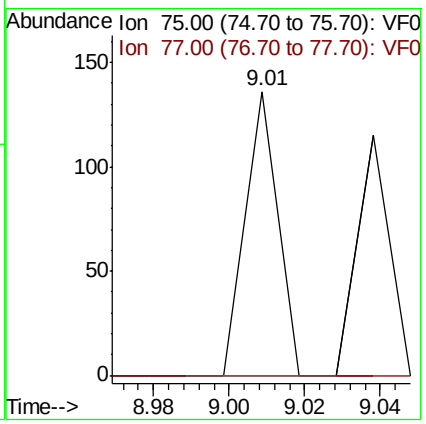


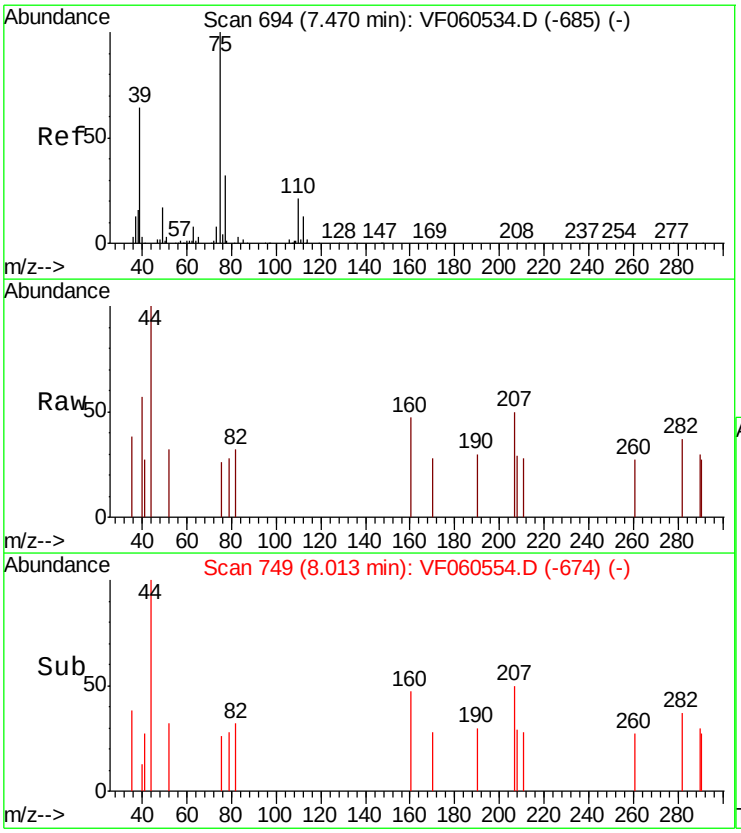
#53
t-1,3-Dichloropropene
Concen: 46.044 ug/l
RT: 9.01 min Scan# 850
Delta R.T. 0.57 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 75 Resp: 80

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.2	36.4#

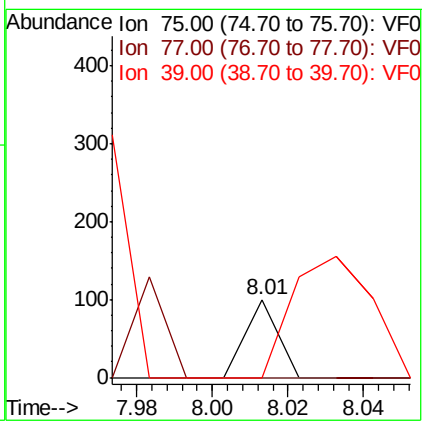


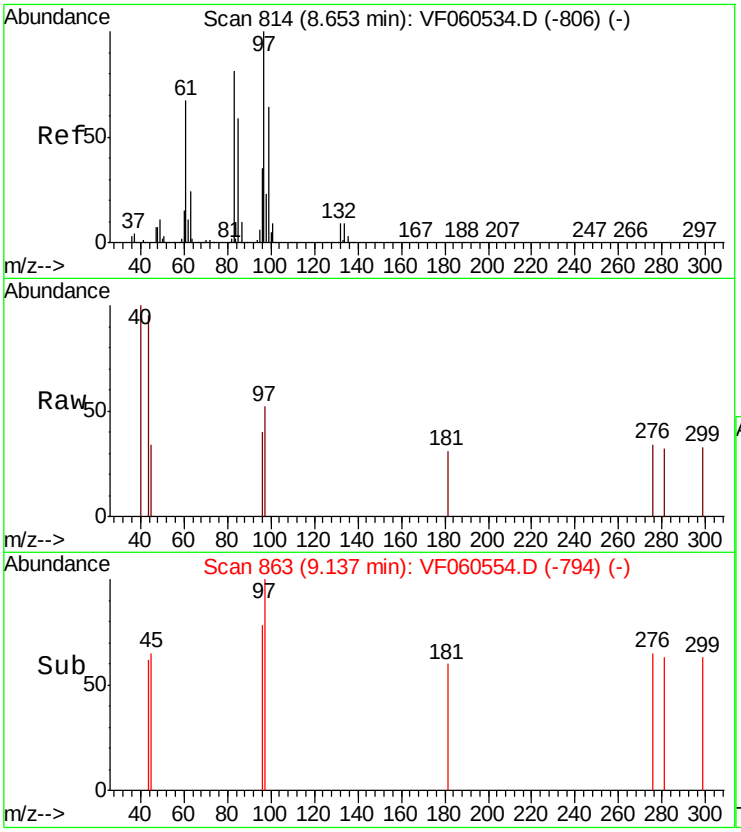


#54
cis-1,3-Dichloropropene
Concen: 28.653 ug/l
RT: 8.01 min Scan# 749
Delta R.T. 0.54 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 75 Resp: 59

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	0.0	51.5	77.3#



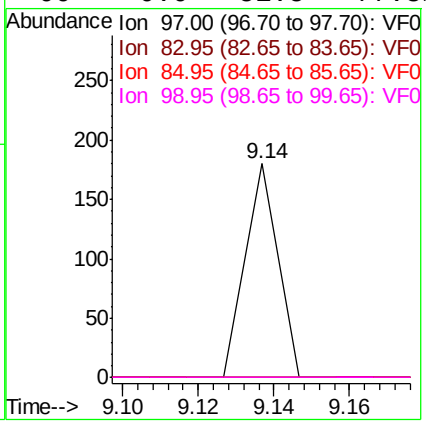


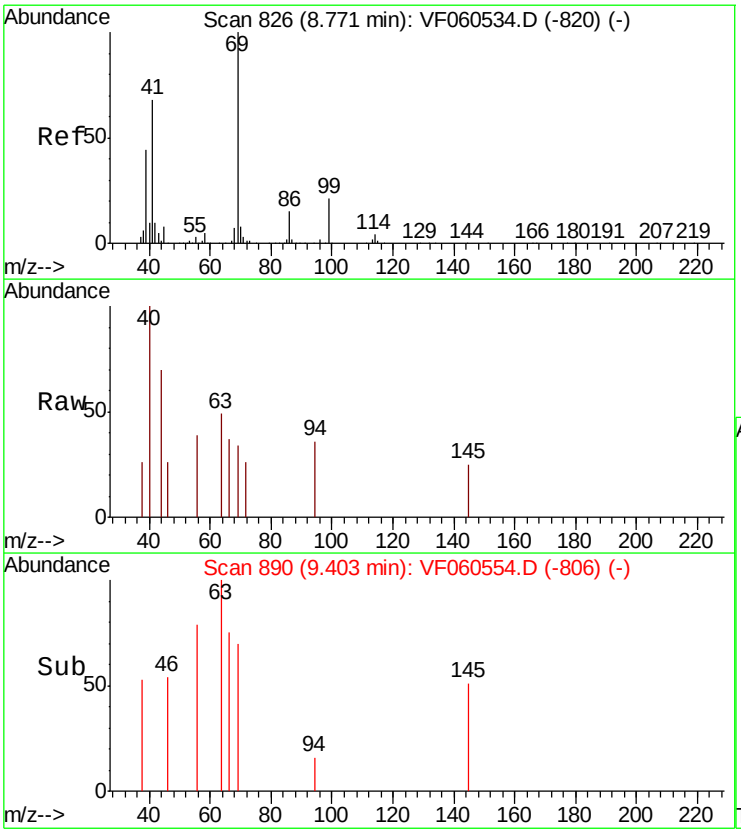
#55
1,1,2-Trichloroethane
Concen: 123.197 ug/l
RT: 9.14 min Scan# 863
Delta R.T. 0.48 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 97 Resp: 106

Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.3	97.9#
85	0.0	47.6	71.4#
99	0.0	51.5	77.3#

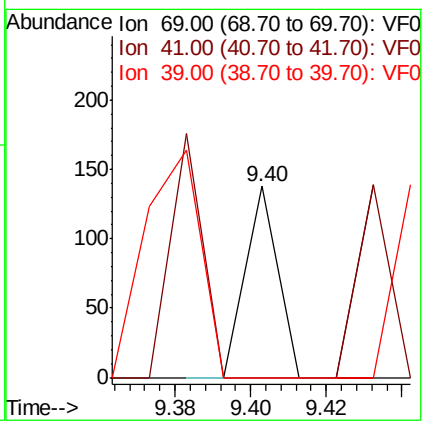


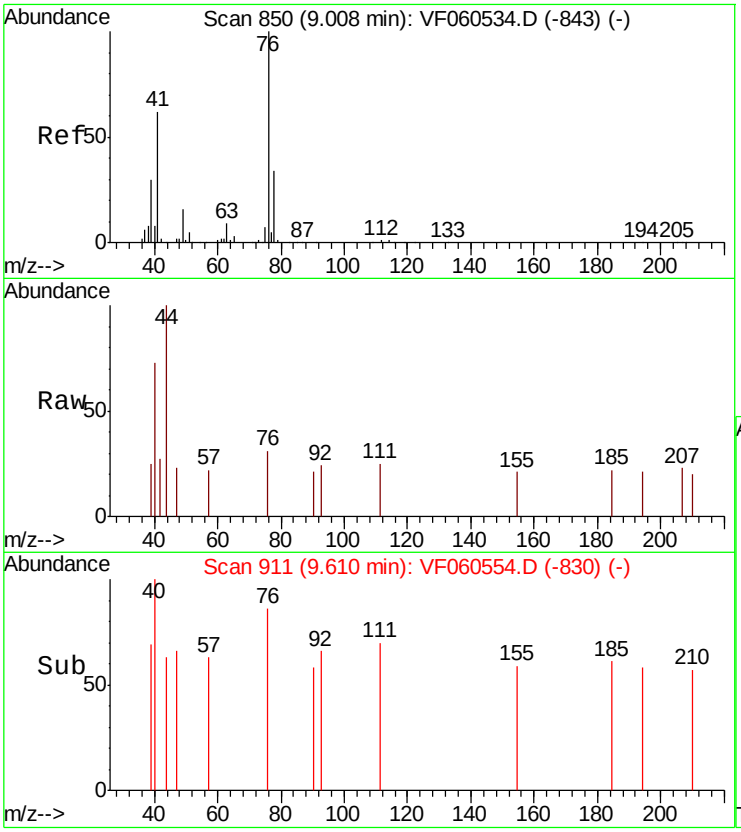


#56
Ethyl methacrylate
Concen: 84.935 ug/l
RT: 9.40 min Scan# 890
Delta R.T. 0.63 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 69 Resp: 82

Ion	Ratio	Lower	Upper
69	100		
41	0.0	55.0	82.6#
39	0.0	35.1	52.7#



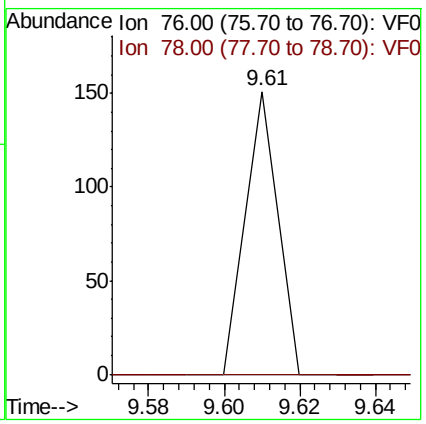


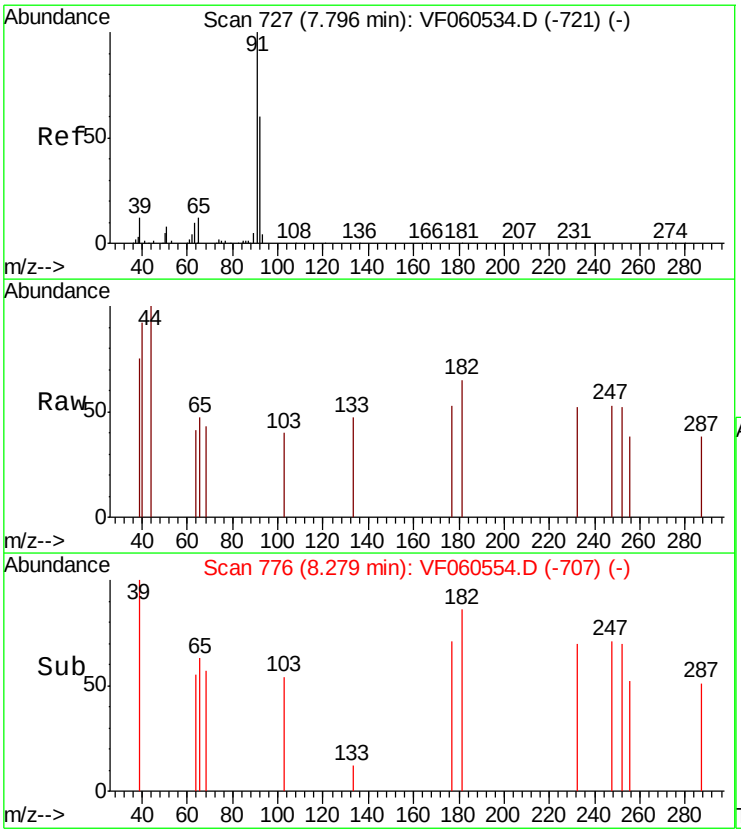
#57
1,3-Dichloropropane
Concen: 61.124 ug/l
RT: 9.61 min Scan# 911
Delta R.T. 0.60 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 76 Resp: 89

Ion	Ratio	Lower	Upper
76	100		
78	0.0	27.3	40.9#

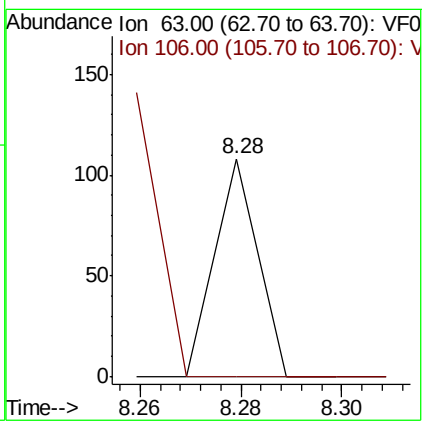


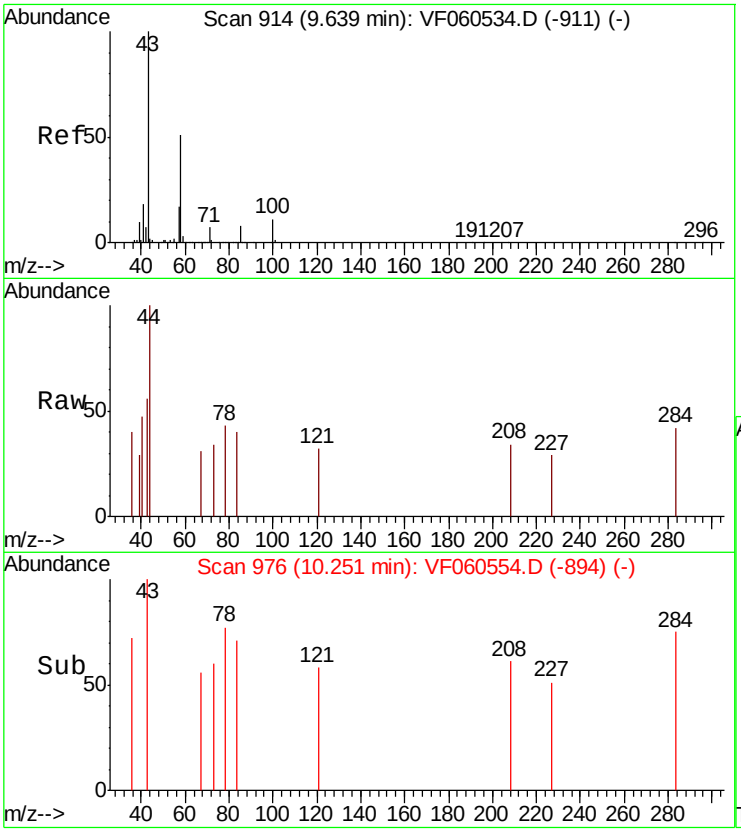


#58
2-Chloroethyl Vinyl ether
Concen: 643.201 ug/l
RT: 8.28 min Scan# 776
Delta R.T. 0.48 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 63 Resp: 64

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



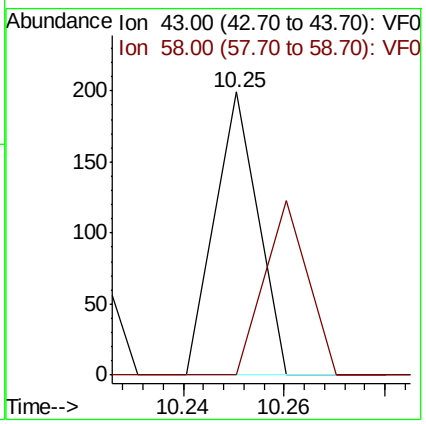


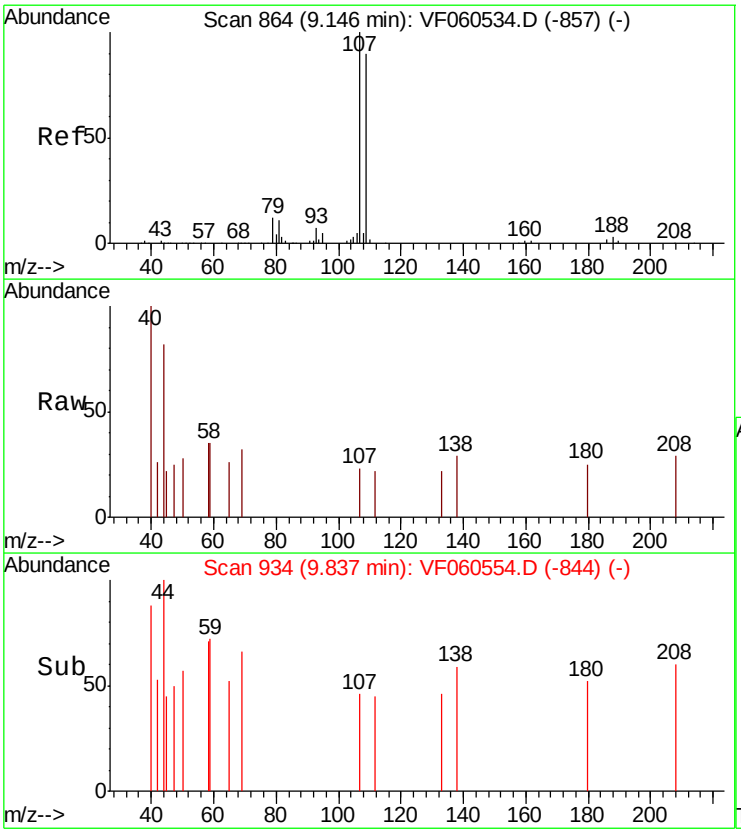
#59
2-Hexanone
Concen: 253.439 ug/l
RT: 10.25 min Scan# 976
Delta R.T. 0.61 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 43 Resp: 118

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.1	72.3#

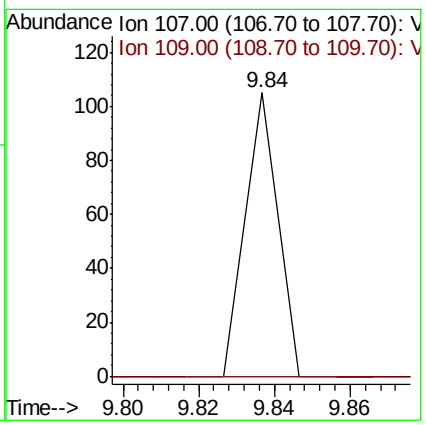


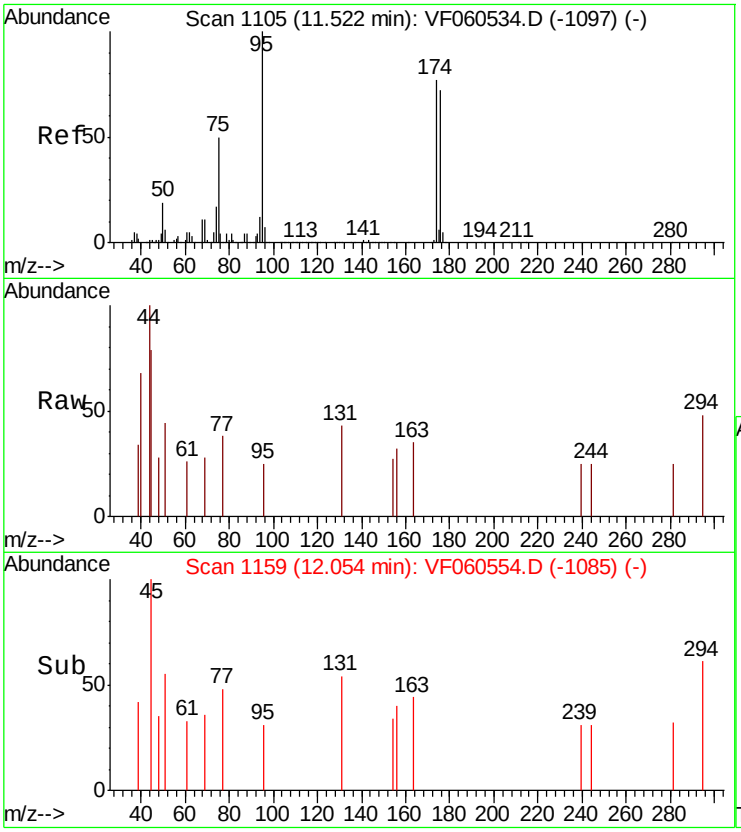


#61
1,2-Dibromoethane
Concen: 62.237 ug/l
RT: 9.84 min Scan# 934
Delta R.T. 0.69 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion:107 Resp: 62

Ion	Ratio	Lower	Upper
107	100		
109	0.0	72.2	108.2#



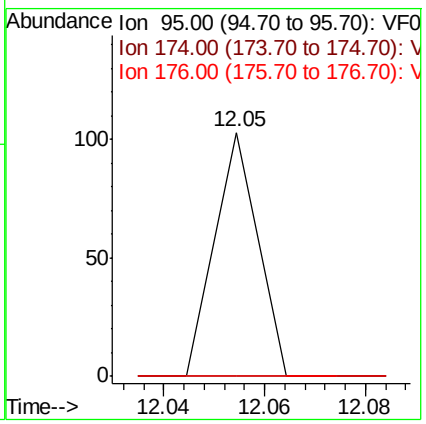


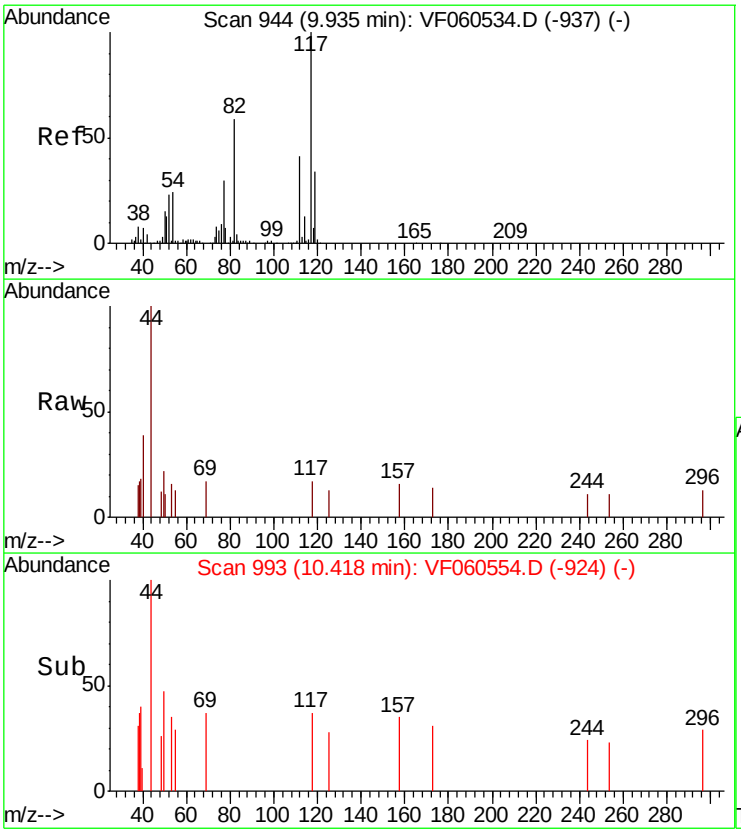
#62
4-Bromofluorobenzene
Concen: 31.560 ug/l
RT: 12.05 min Scan# 1159
Delta R.T. 0.53 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion: 95 Resp: 61

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	153.8
176	0.0	0.0	143.6

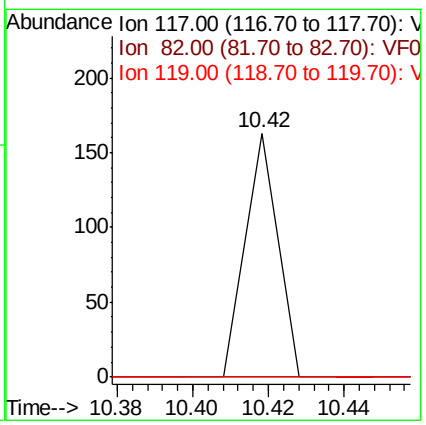


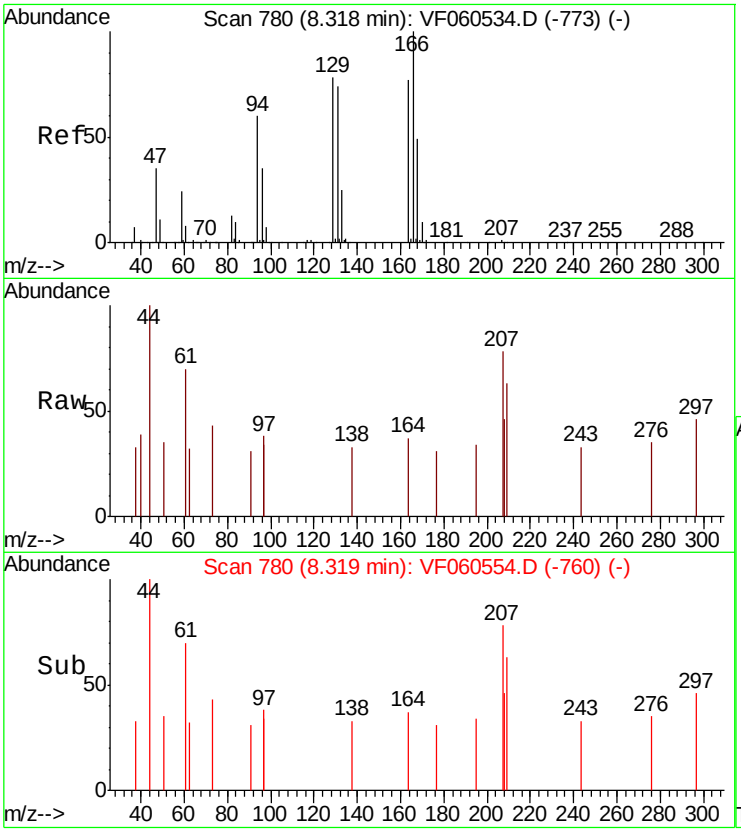


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.42 min Scan# 993
Delta R.T. 0.48 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion:117 Resp: 96

Ion	Ratio	Lower	Upper
117	100		
82	0.0	47.6	71.4#
119	0.0	27.3	40.9#



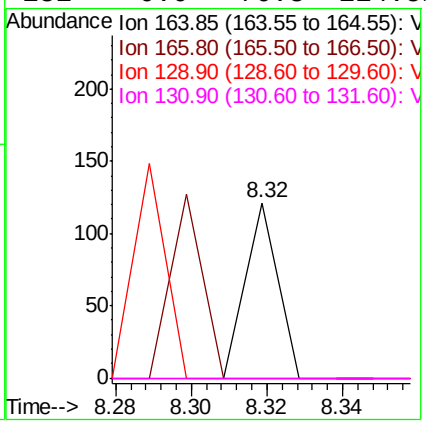


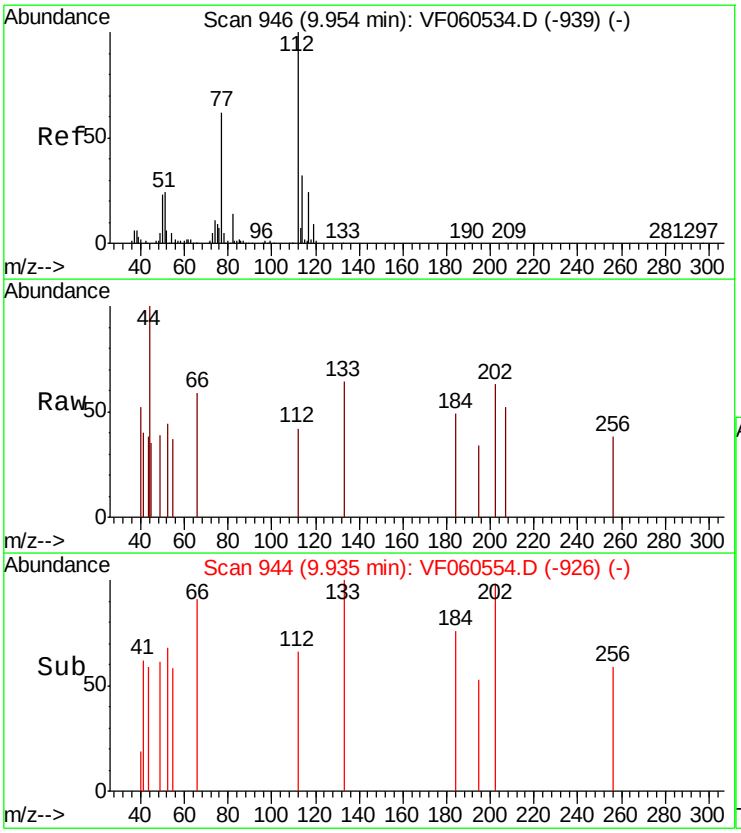
#64
Tetrachloroethene
Concen: 88.725 ug/l
RT: 8.32 min Scan# 780
Delta R.T. 0.00 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion:164 Resp: 72

Ion	Ratio	Lower	Upper
164	100		
166	0.0	103.4	155.2#
129	0.0	80.7	121.1#
131	0.0	76.3	114.5#

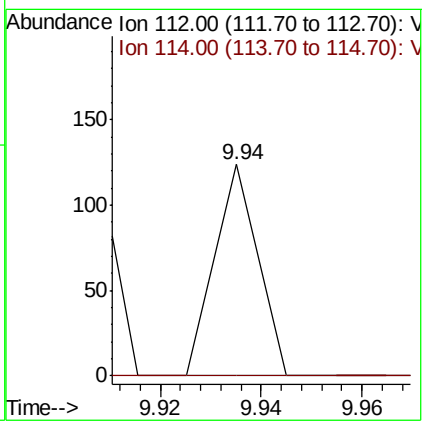


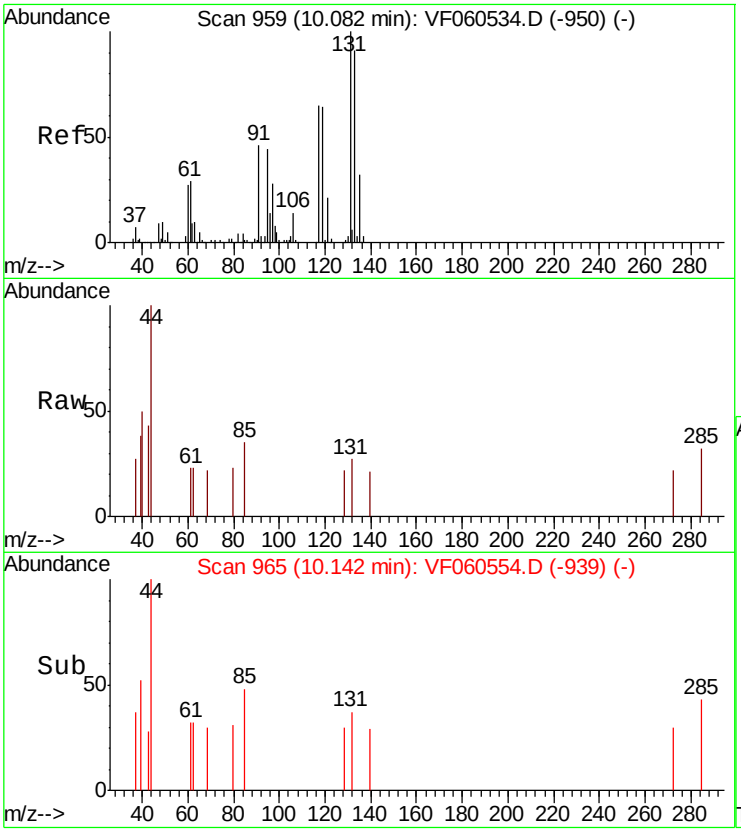


#65
Chlorobenzene
Concen: 37.795 ug/l
RT: 9.94 min Scan# 944
Delta R.T. -0.02 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion:112 Resp: 73

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.5	38.3#



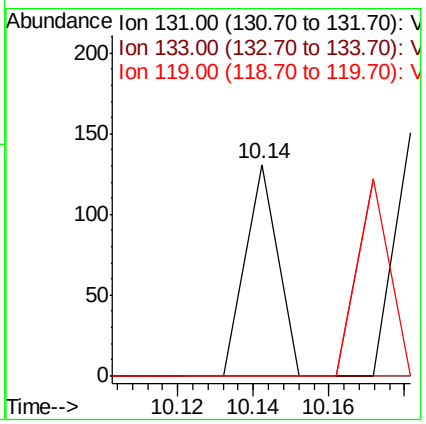


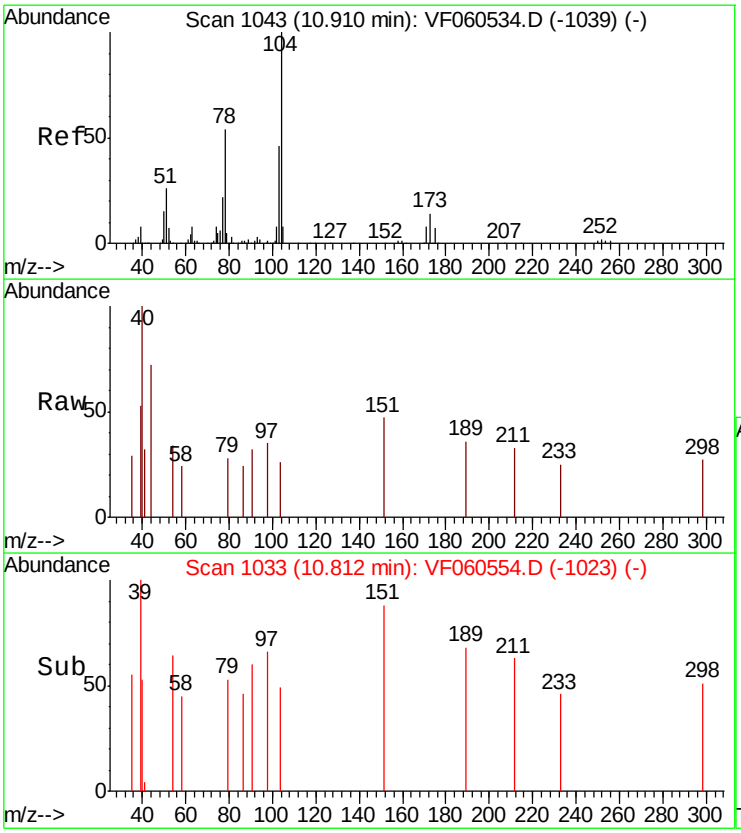
#66
1,1,1,2-Tetrachloroethane
Concen: 87.488 ug/l
RT: 10.14 min Scan# 965
Delta R.T. 0.06 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tgt Ion:131 Resp: 77

Ion	Ratio	Lower	Upper
131	100		
133	0.0	45.8	137.3#
119	0.0	32.4	97.0#

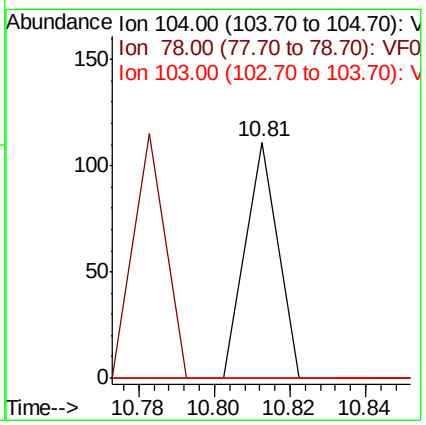


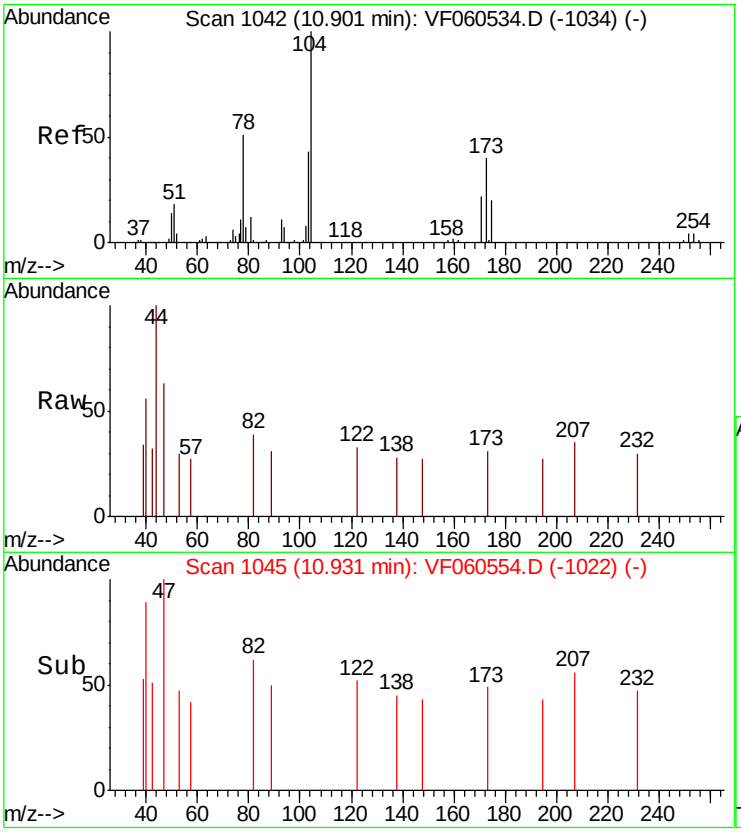


#70
Styrene
Concen: 32.981 ug/l
RT: 10.81 min Scan# 1033
Delta R.T. -0.10 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion:104 Resp: 66

Ion	Ratio	Lower	Upper
104	100		
78	0.0	43.4	65.2#
103	0.0	36.9	55.3#



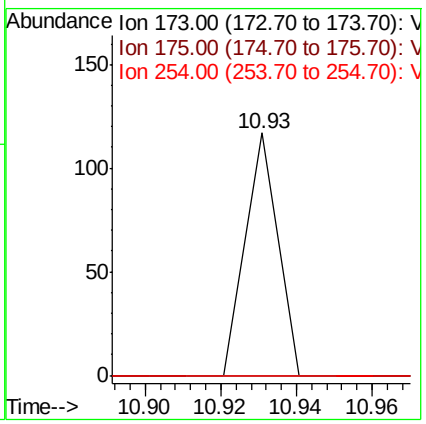


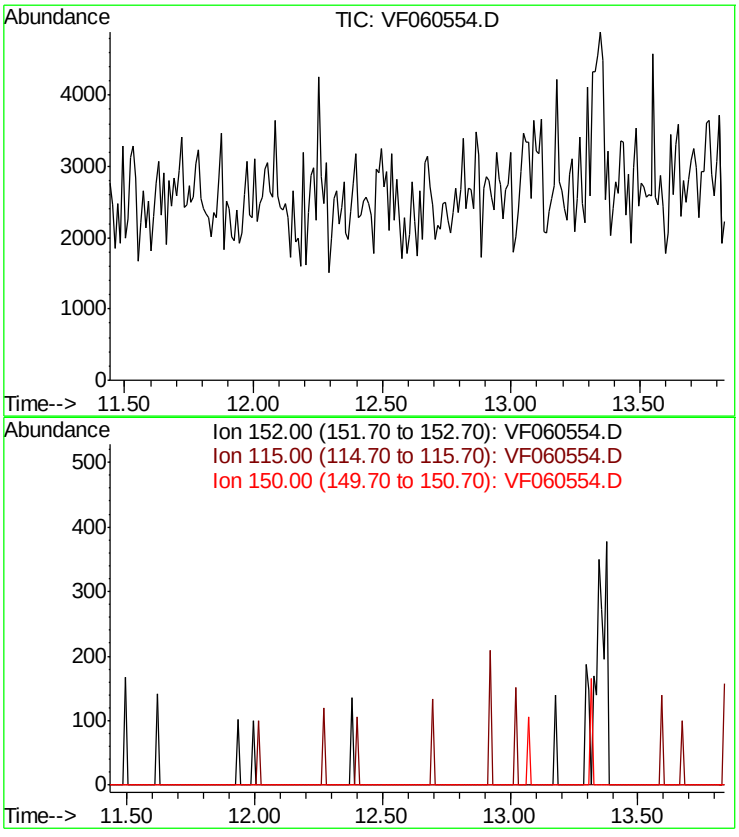
#71
Bromoform
Concen: 151.996 ug/l
RT: 10.93 min Scan# 1045
Delta R.T. 0.03 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument : MSVOA_F
ClientSampleId : DL-SED-02

Tgt Ion:173 Resp: 69

Ion	Ratio	Lower	Upper
173	100		
175	0.0	25.7	77.0#
254	0.0	7.8	11.6#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.64 min

Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	69.4
150	159.2