Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050119\
Data File : VD062097.D
Acq On : 1 May 2019 12:25
Operator : FY/SY
Sample : VD0501SBL01
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0501SBL01

Quant Time: May 02 00:54:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 08:37:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	591259	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.18	114	890626	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.35	117	714002	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	390678	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	254113	54.91	ug/l	-0.04
Spiked Amount 50.000			Recovery = 109.82%			
35) Dibromofluoromethane	6.89	113	357365	58.02	ug/l	-0.04
Spiked Amount 50.000			Recovery = 116.04%			
50) Toluene-d8	10.38	98	808120	55.14	ug/l	-0.04
Spiked Amount 50.000			Recovery = 110.28%			
62) 4-Bromofluorobenzene	13.54	95	342664	58.29	ug/l	-0.02
Spiked Amount 50.000			Recovery = 116.58%			
Target Compounds						Qvalue
10) Methyl Iodide	3.30	142	1532	5.587	ug/l #	37
15) Acrylonitrile	4.17	53	2103	2.598	ug/l #	75
16) Acetone	3.19	43	4121	3.730	ug/l #	50
18) Methyl Acetate	3.62	43	1350	Below Cal	#	53
20) Methylene Chloride	3.78	84	9352	Below Cal		95
25) 2-Butanone	6.05	43	2523	1.883	ug/l #	56
29) Tetrahydrofuran	6.43	42	990	1.500	ug/l #	62
36) 1,1-Dichloropropene	7.01	75	45611	6.573	ug/l #	46
38) Carbon Tetrachloride	7.01	117	61415	6.985	ug/l #	16
51) 4-Methyl-2-Pentanone	10.28	43	4954	1.875	ug/l #	79
59) 2-Hexanone	11.51	43	4123	2.080	ug/l	91
81) trans-1,4-Dichloro-2-buten	13.54	75	130491	86.798	ug/l #	16
92) 1,2-Dibromo-3-Chloropropan	15.37	75	226	2.921	ug/l	65
95) Naphthalene	16.11	128	9605	1.021	ug/l	96
96) 1,2,3-Trichlorobenzene	16.26	180	3543	1.072	ug/l	96

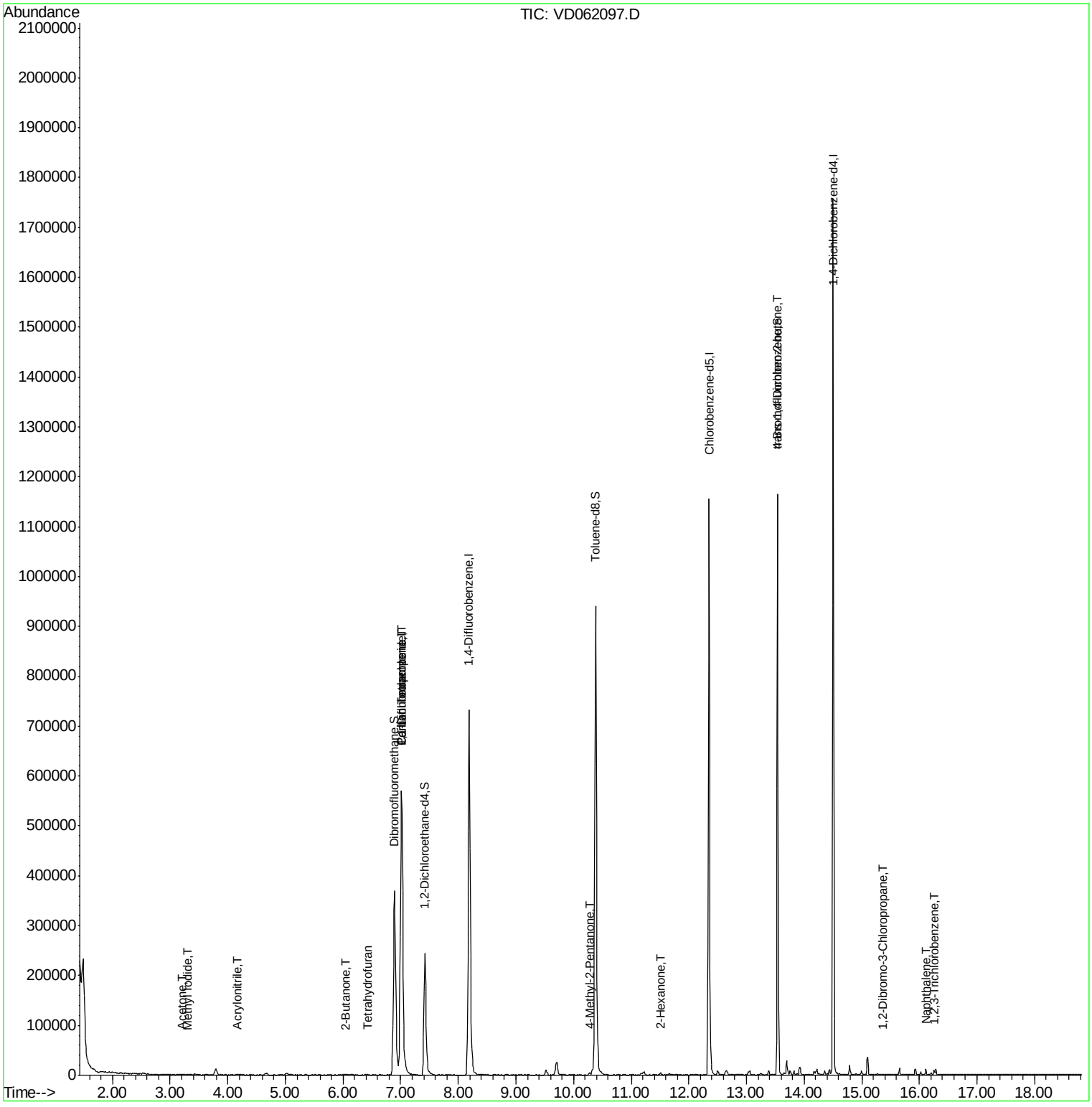
(#) = qualifier out of range (m) = manual integration (+) = signals summed

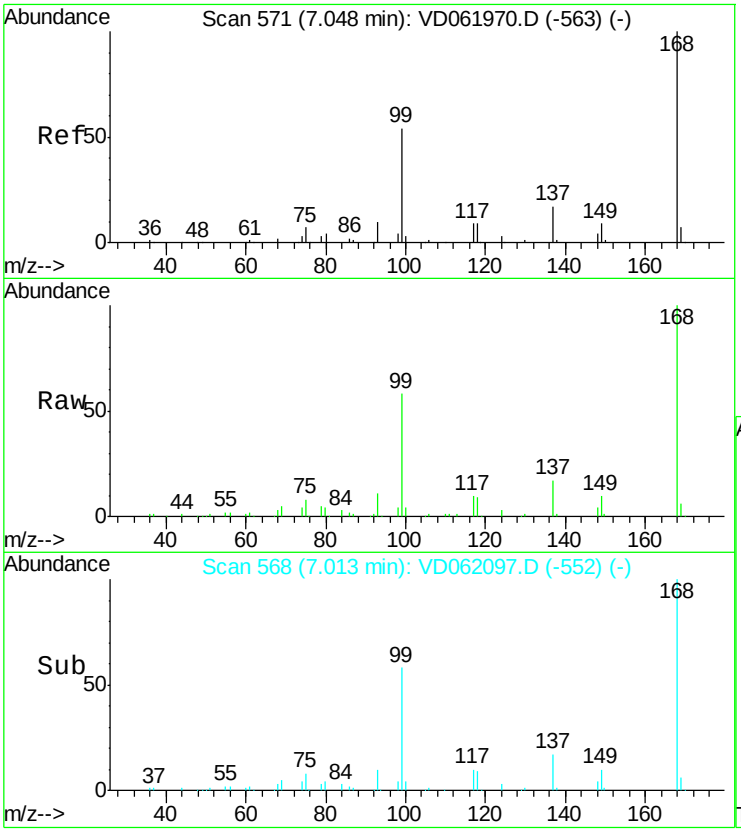
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050119\
Data File : VD062097.D
Acq On : 1 May 2019 12:25
Operator : FY/SY
Sample : VD0501SBL01
Misc : 5.00g/5mL/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBL01

Quant Time: May 02 00:54:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 08:37:17 2019
Response via : Initial Calibration



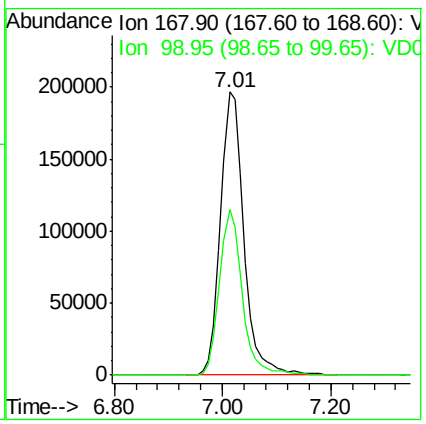


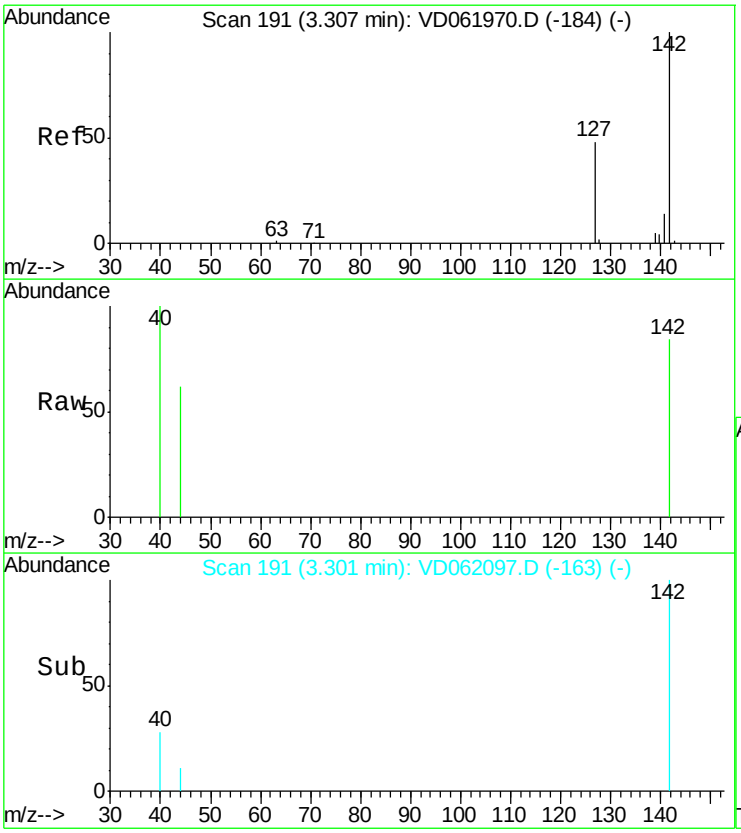
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.01 min Scan# 568
Delta R.T. -0.04 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBL01

Tgt Ion:168 Resp: 591259

Ion	Ratio	Lower	Upper
168	100		
99	58.3	46.5	69.7

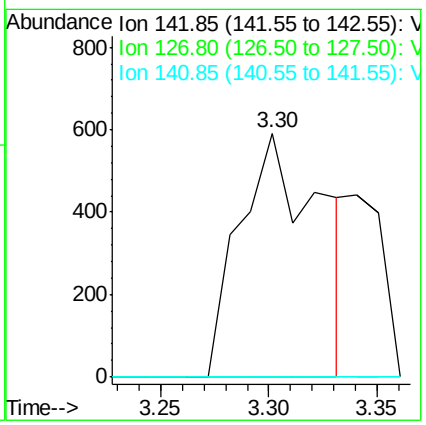


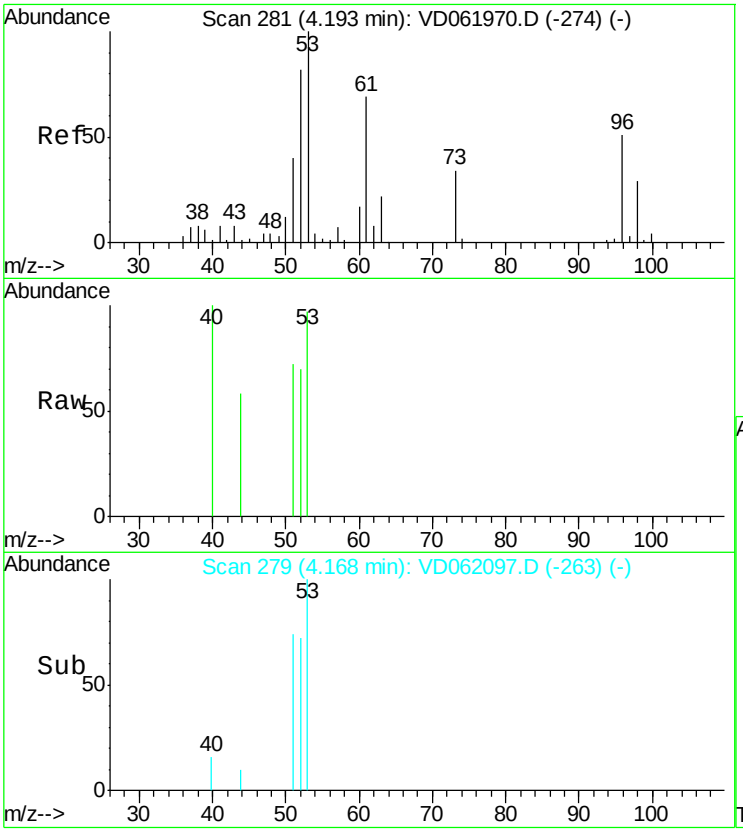


#10
Methyl Iodide
Concen: 5.587 ug/l
RT: 3.30 min Scan# 191
Delta R.T. -0.02 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Tgt Ion:142 Resp: 1532

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.8	58.2#
141	0.0	11.4	17.0#



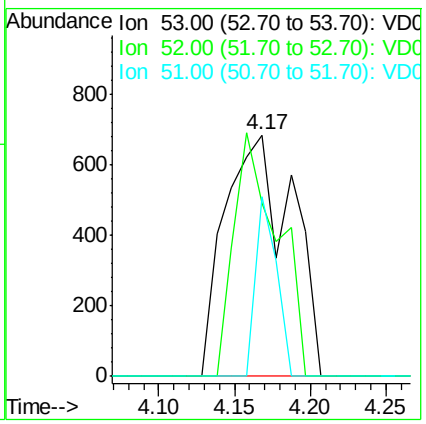


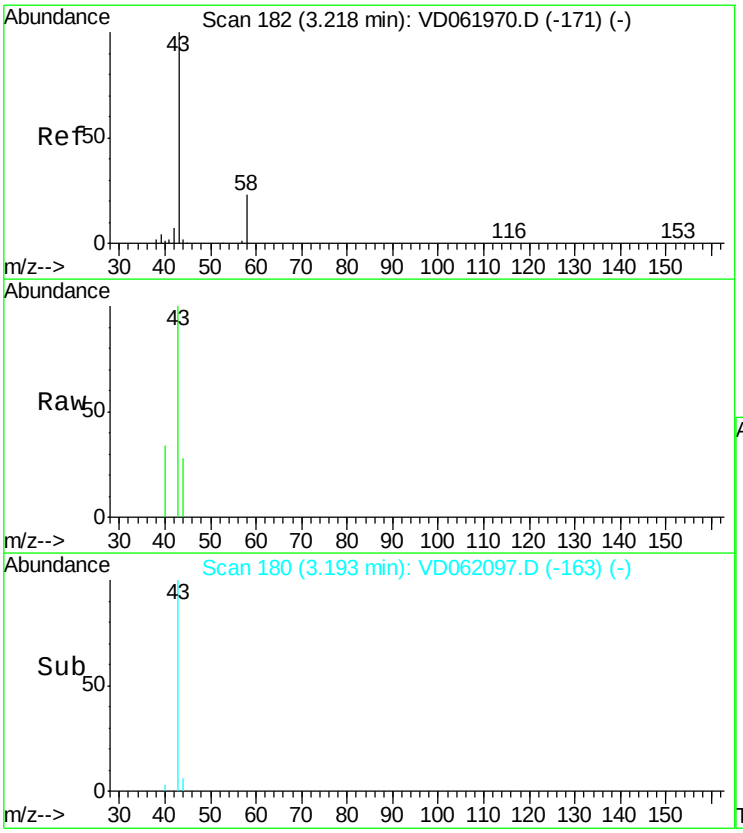
#15
Acrylonitrile
Concen: 2.598 ug/l
RT: 4.17 min Scan# 279
Delta R.T. -0.04 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Instrument : MSVOA_D
ClientSampleId : VD0501SBL01

Tgt Ion: 53 Resp: 2103

Ion	Ratio	Lower	Upper
53	100		
52	71.8	65.0	97.4
51	74.3	32.6	48.8#

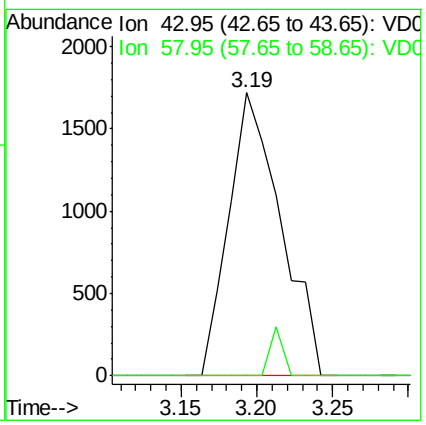


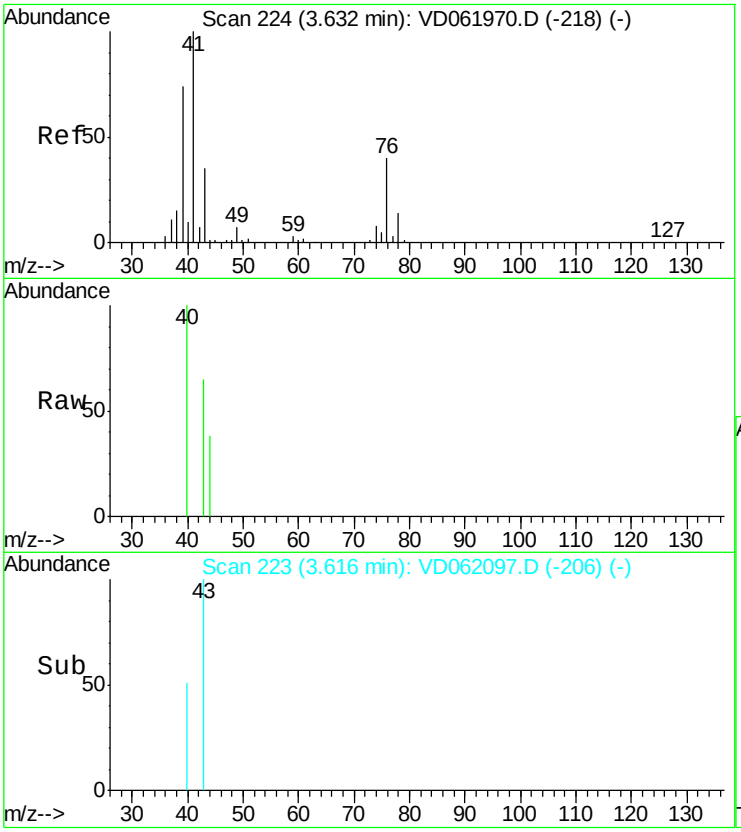


#16
Acetone
Concen: 3.730 ug/l
RT: 3.19 min Scan# 180
Delta R.T. -0.03 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Tgt Ion: 43 Resp: 4121

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#



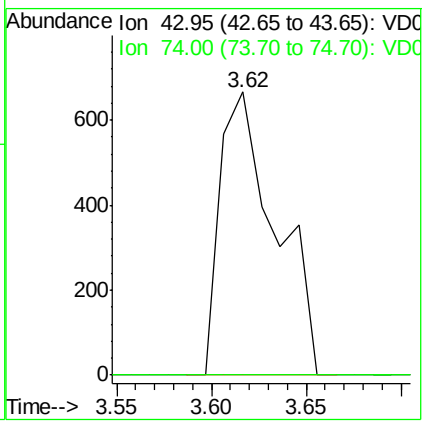


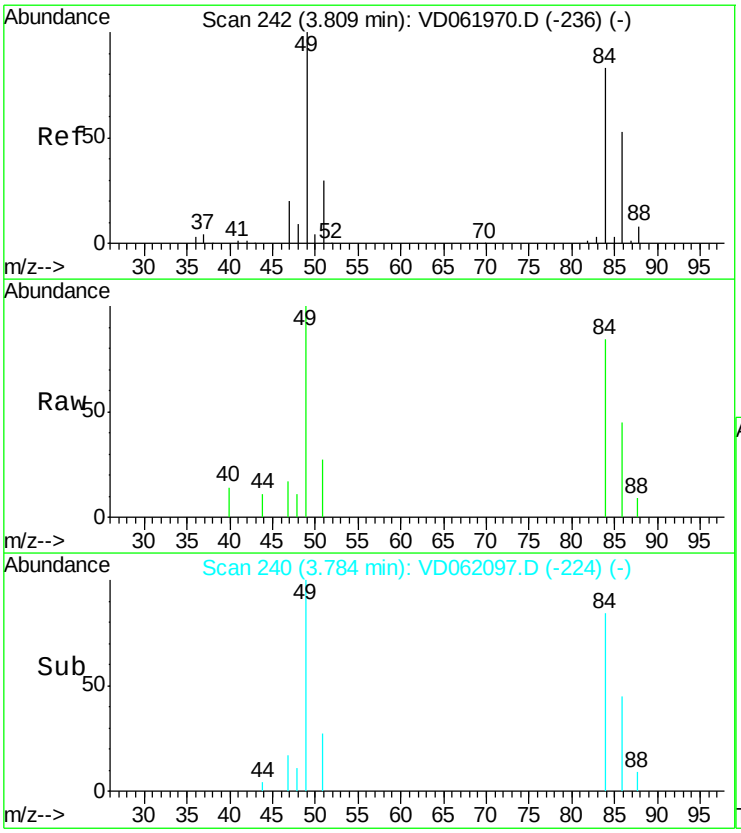
#18
Methyl Acetate
Concen: Below Cal
RT: 3.62 min Scan# 223
Delta R.T. -0.03 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Instrument : MSVOA_D
ClientSampleId : VD0501SBL01

Tgt Ion: 43 Resp: 1350

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#

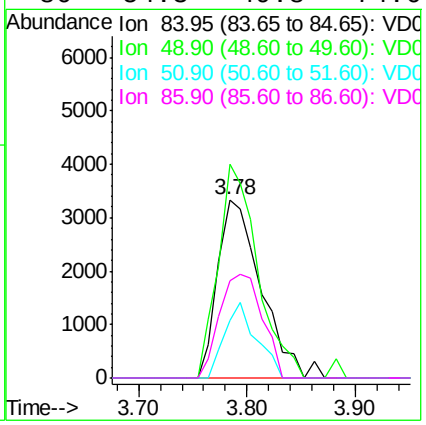


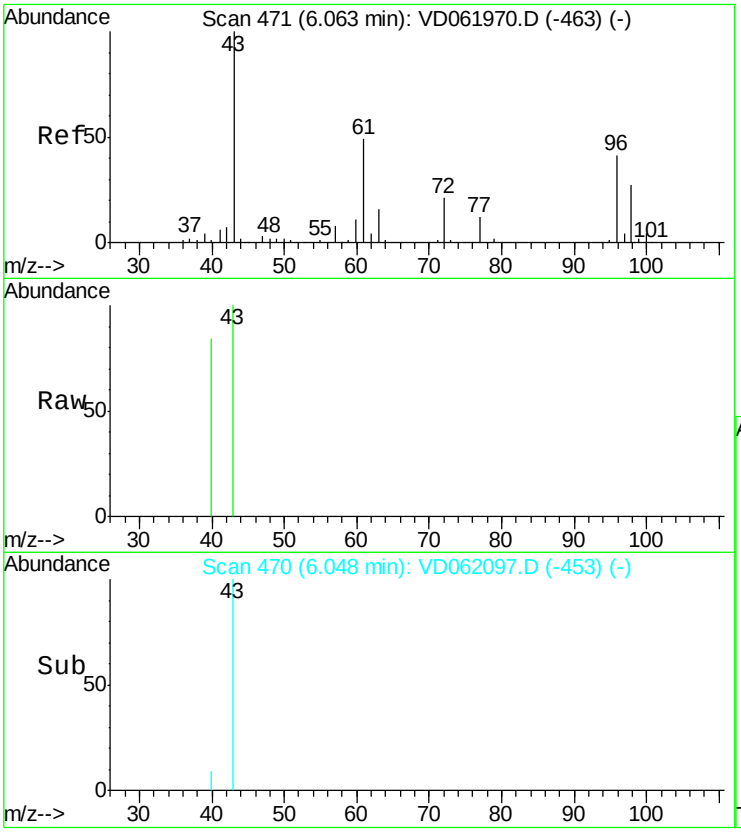


#20
Methylene Chloride
Concen: Below Cal
RT: 3.78 min Scan# 240
Delta R.T. -0.04 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Tgt Ion: 84 Resp: 9352

Ion	Ratio	Lower	Upper
84	100		
49	119.6	94.0	141.0
51	32.5	29.0	43.4
86	54.3	49.8	74.6



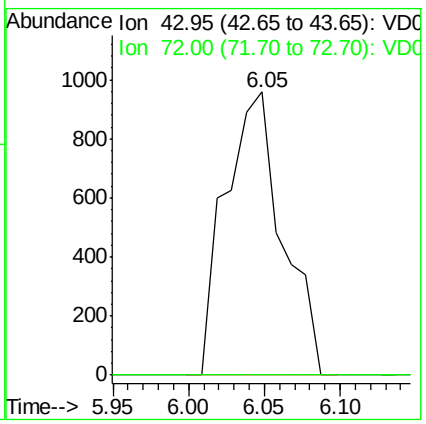


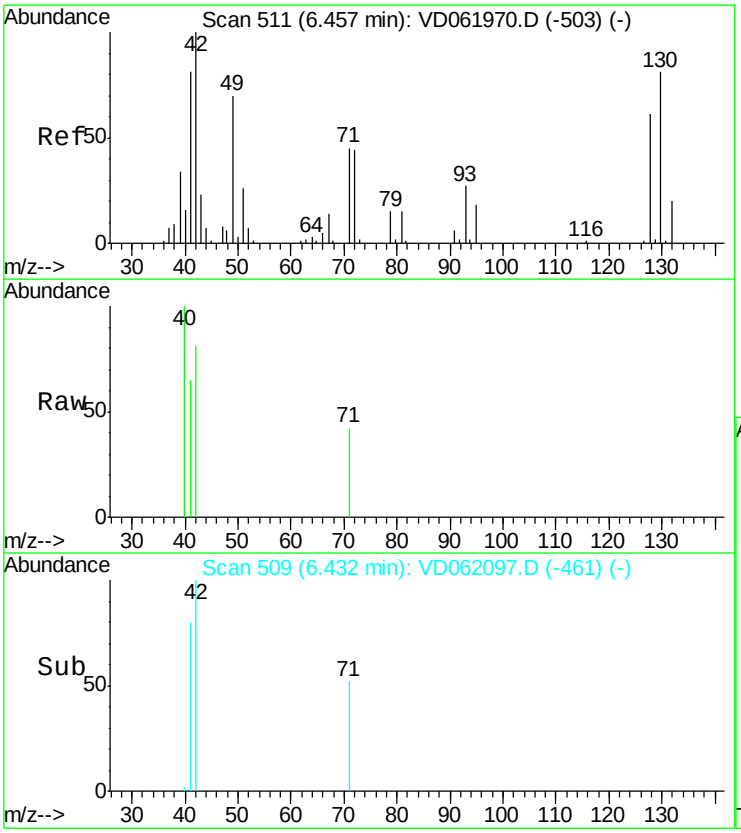
#25
2-Butanone
Concen: 1.883 ug/l
RT: 6.05 min Scan# 470
Delta R.T. -0.03 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Instrument : MSVOA_D
ClientSampleId : VD0501SBL01

Tgt Ion: 43 Resp: 2523

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#

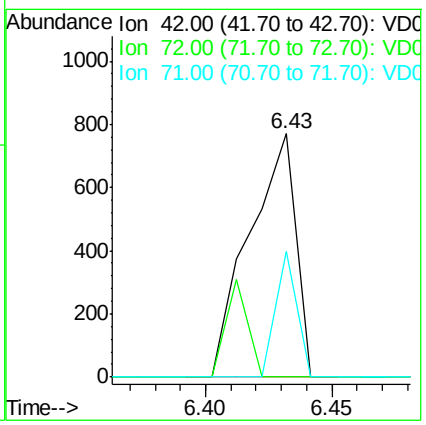


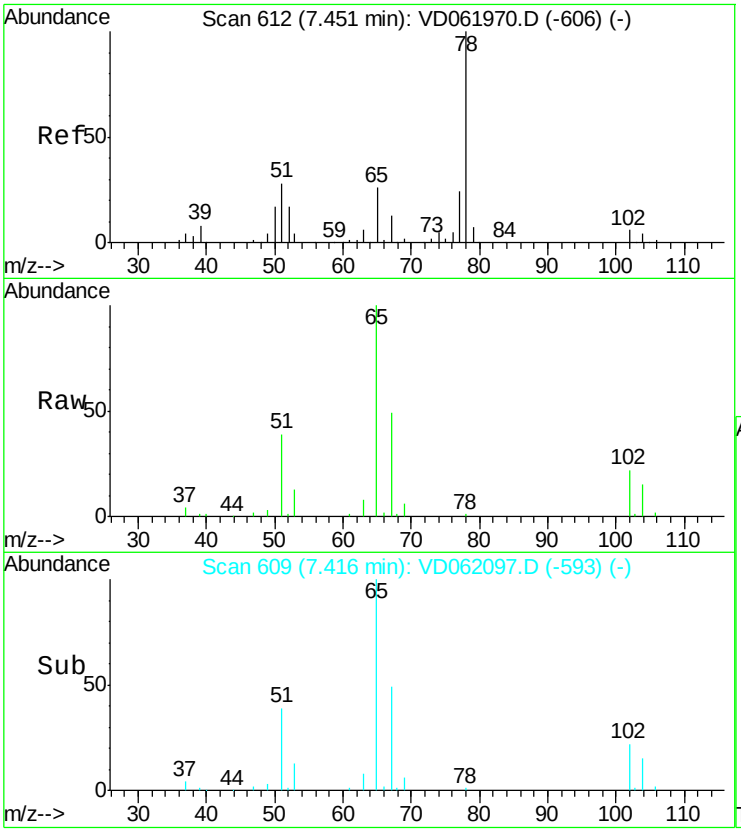


#29
Tetrahydrofuran
Concen: 1.500 ug/l
RT: 6.43 min Scan# 509
Delta R.T. -0.03 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Tgt Ion: 42 Resp: 990

Ion	Ratio	Lower	Upper
42	100		
72	18.4	37.8	56.6#
71	23.8	36.7	55.1#



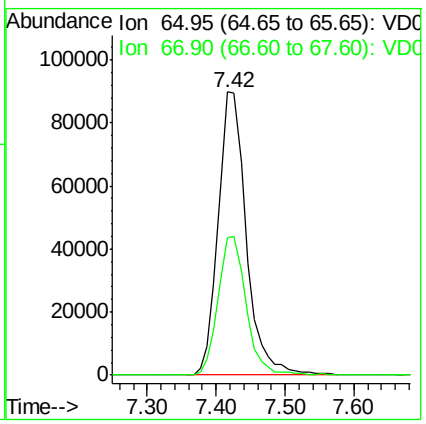


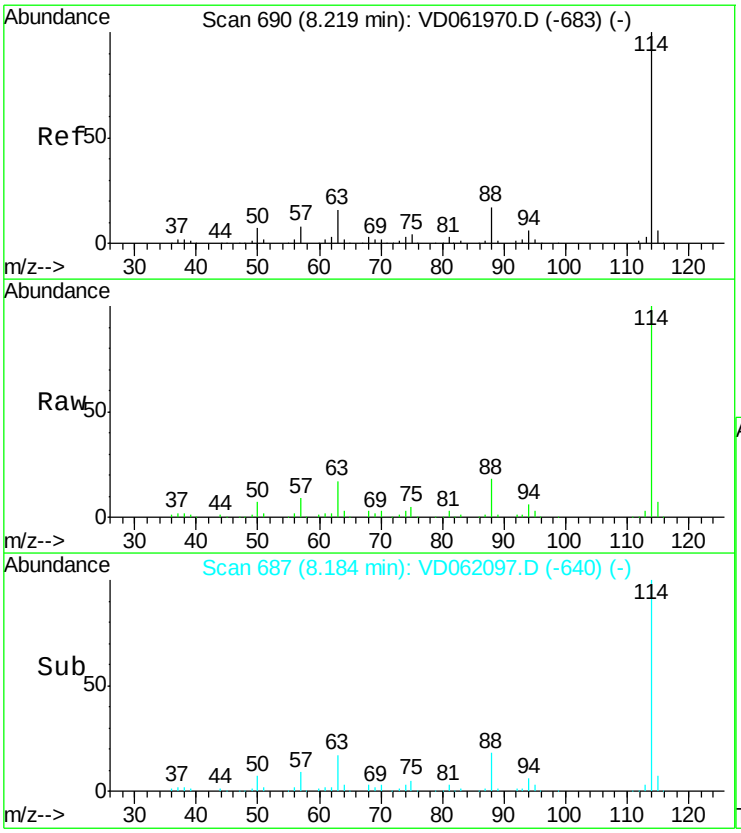
#33
1,2-Dichloroethane-d4
Concen: 54.913 ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.04 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBL01

Tgt Ion: 65 Resp: 254113

Ion	Ratio	Lower	Upper
65	100		
67	48.6	0.0	98.0

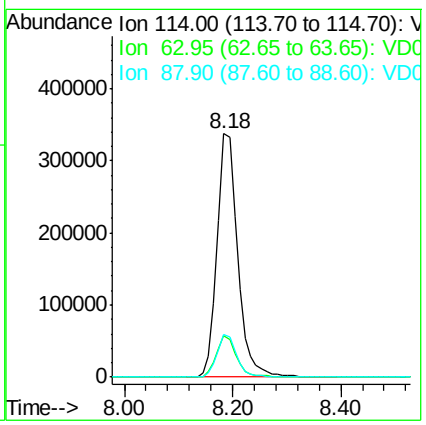


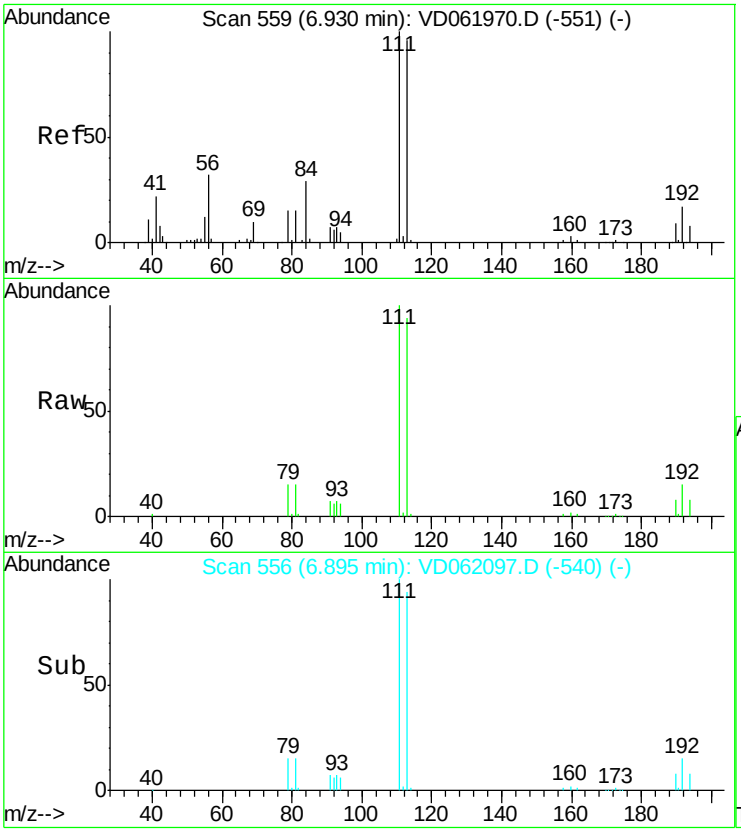


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.18 min Scan# 687
Delta R.T. -0.04 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Tgt Ion:114 Resp: 890626

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	32.4
88	17.6	0.0	33.6



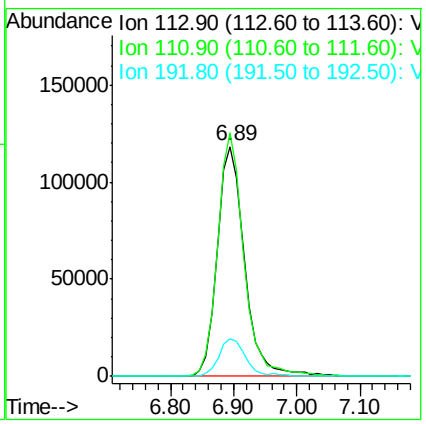


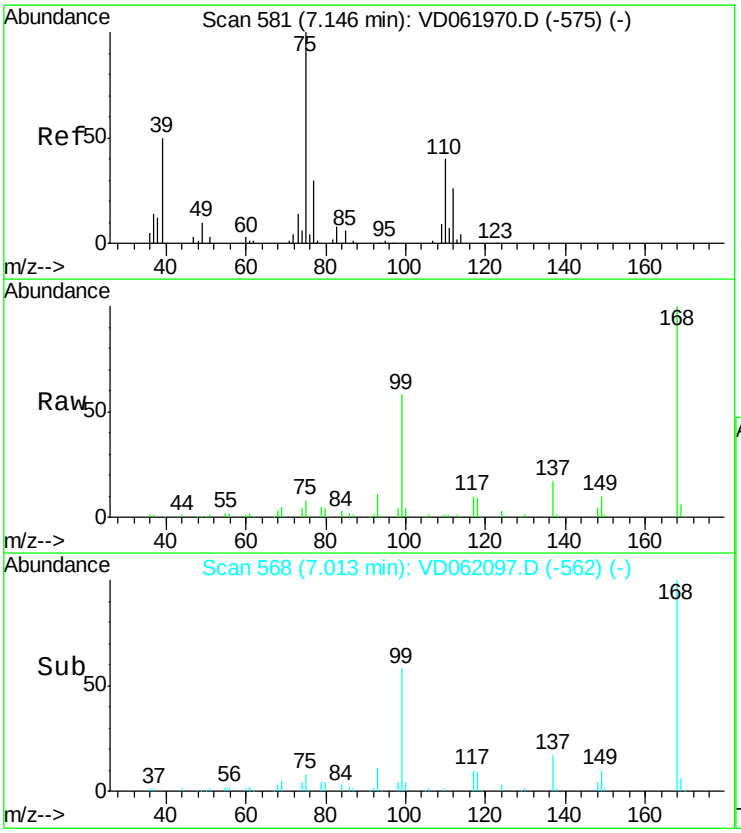
#35
Dibromofluoromethane
Concen: 58.018 ug/l
RT: 6.89 min Scan# 556
Delta R.T. -0.04 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBL01

Tgt Ion:113 Resp: 357365

Ion	Ratio	Lower	Upper
113	100		
111	105.9	78.5	117.7
192	16.1	13.0	19.4

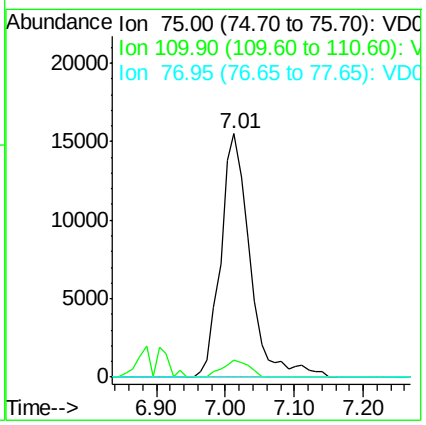


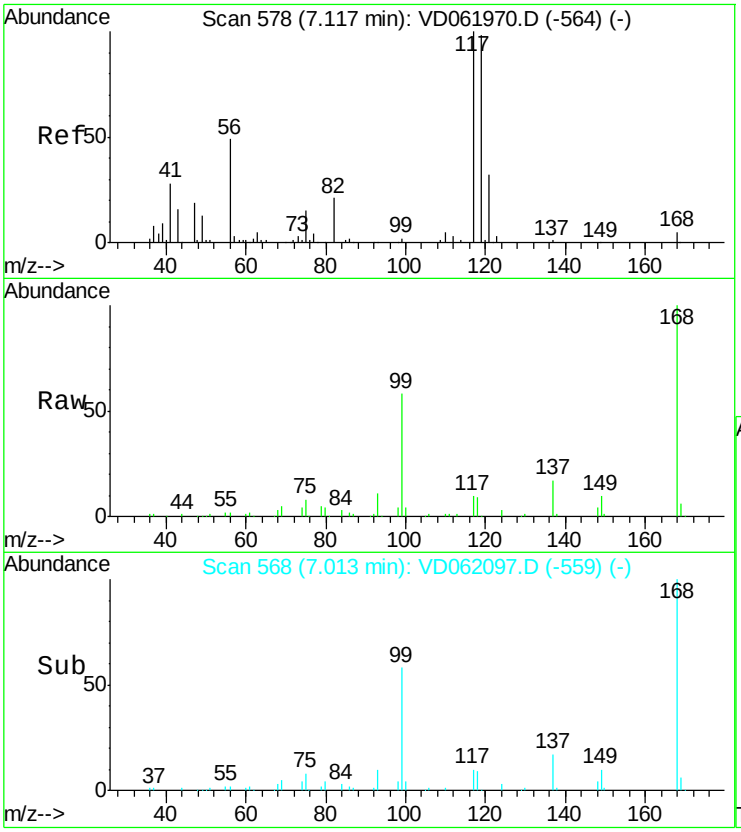


#36
1,1-Dichloropropene
Concen: 6.573 ug/l
RT: 7.01 min Scan# 568
Delta R.T. -0.14 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Tgt Ion: 75 Resp: 45611

Ion	Ratio	Lower	Upper
75	100		
110	6.9	19.1	57.1#
77	0.0	25.6	38.4#



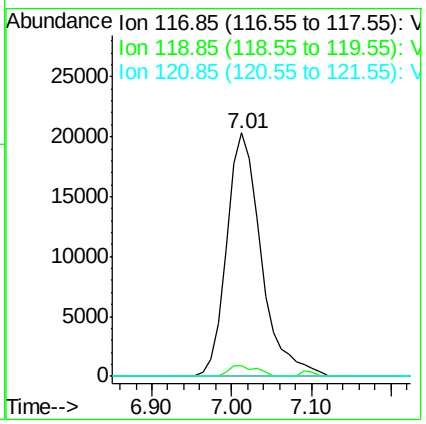


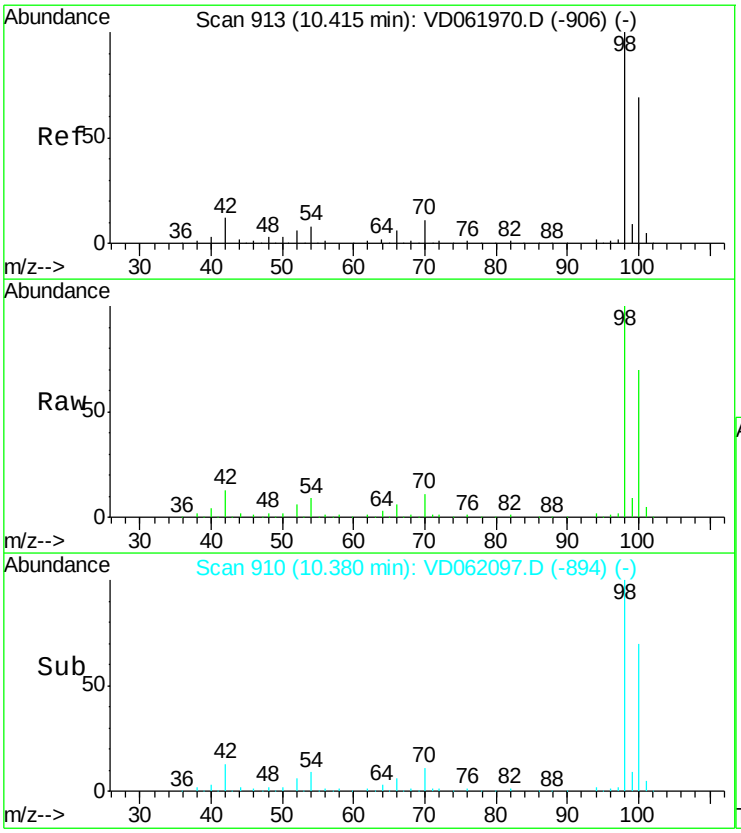
#38
Carbon Tetrachloride
Concen: 6.985 ug/l
RT: 7.01 min Scan# 568
Delta R.T. -0.11 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBL01

Tgt Ion:117 Resp: 61415

Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.8	113.8#
121	0.0	25.9	38.9#

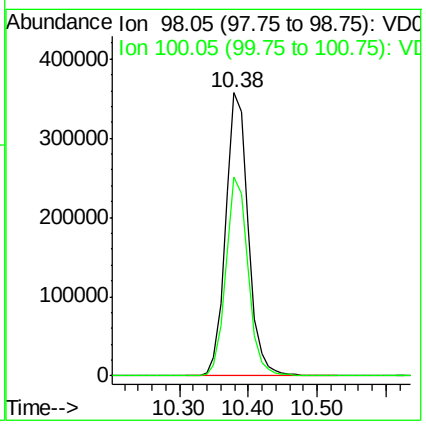


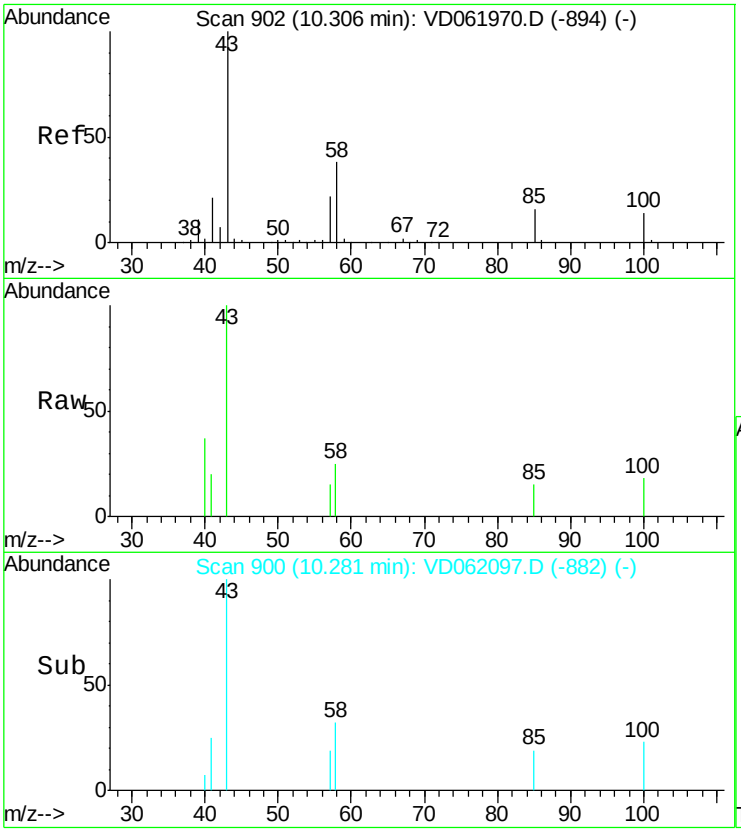


#50
Toluene-d8
Concen: 55.137 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.04 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Tgt Ion: 98 Resp: 808120

Ion	Ratio	Lower	Upper
98	100		
100	70.2	53.8	80.8



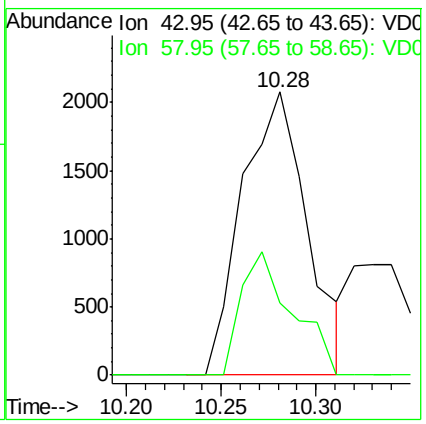


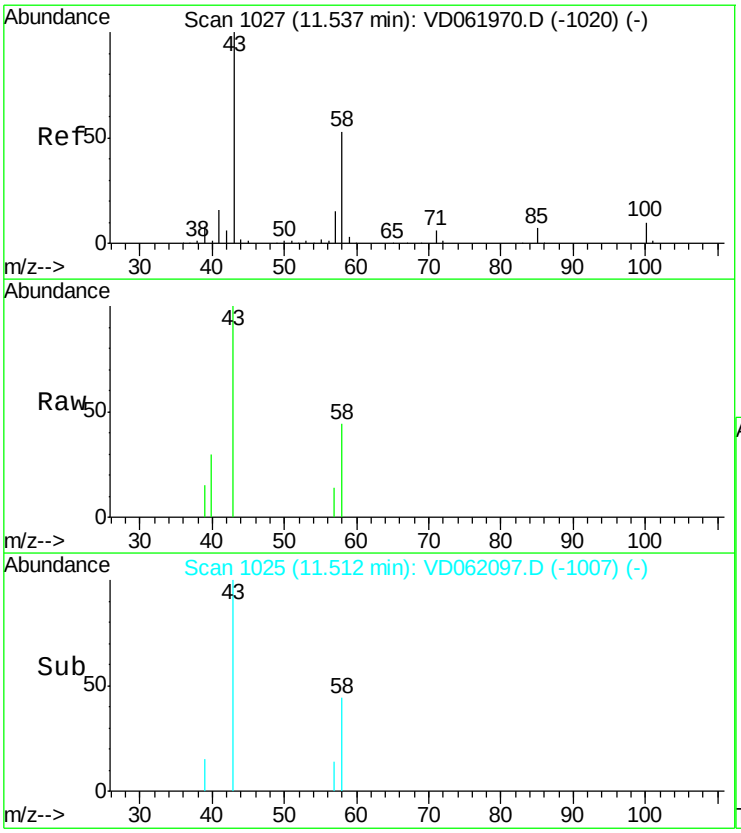
#51
4-Methyl-2-Pentanone
Concen: 1.875 ug/l
RT: 10.28 min Scan# 900
Delta R.T. -0.02 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBL01

Tgt Ion: 43 Resp: 4954

Ion	Ratio	Lower	Upper
43	100		
58	25.3	30.4	45.6#

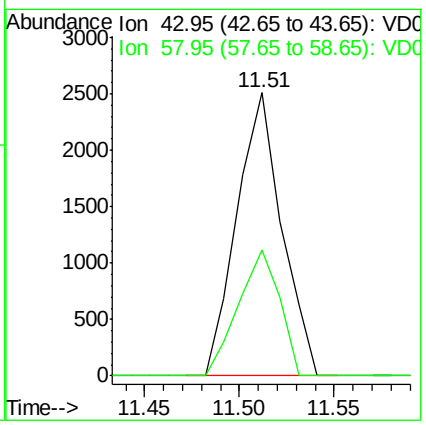


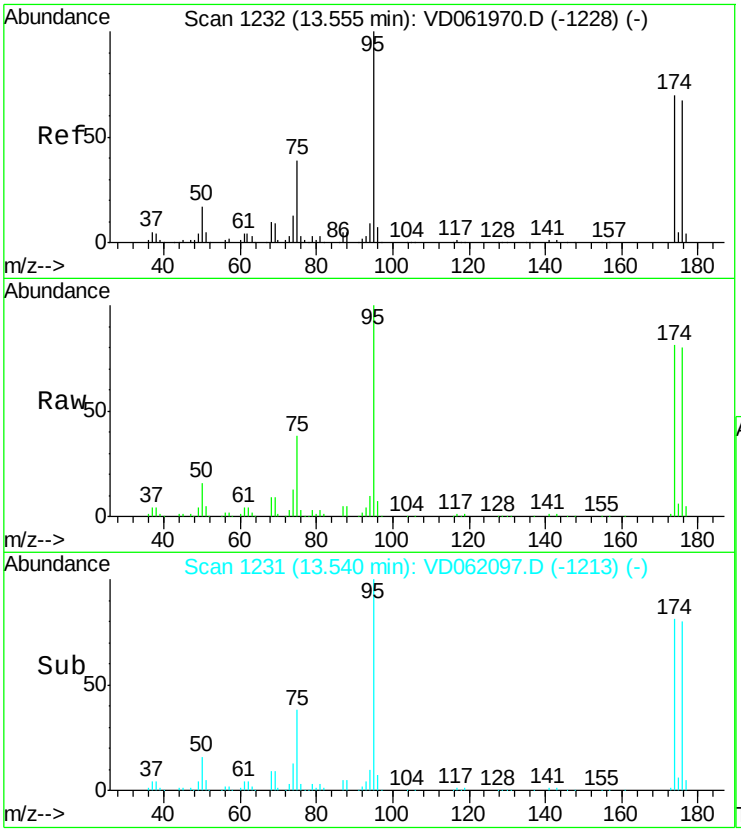


#59
2-Hexanone
Concen: 2.080 ug/l
RT: 11.51 min Scan# 1025
Delta R.T. -0.02 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Tgt Ion: 43 Resp: 4123

Ion	Ratio	Lower	Upper
43	100		
58	44.3	25.4	76.4



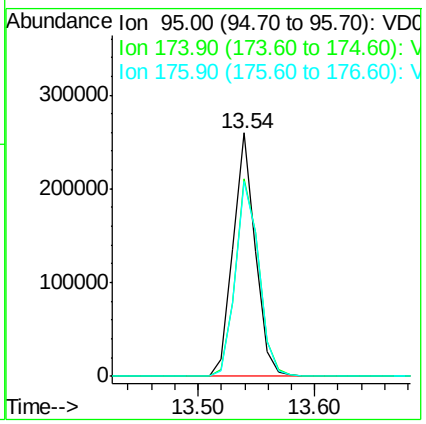


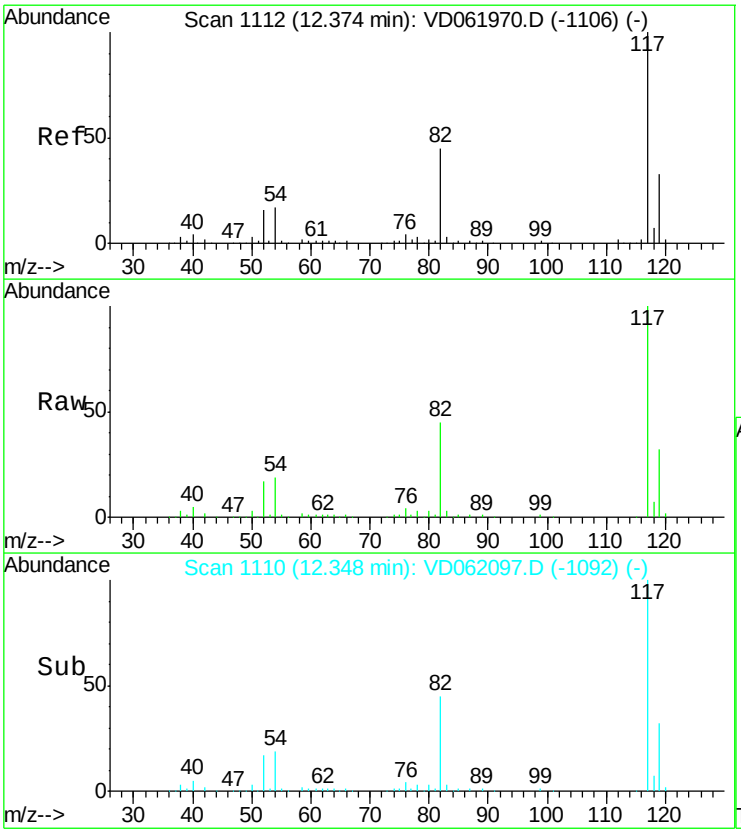
#62
4-Bromofluorobenzene
Concen: 58.289 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Instrument : MSVOA_D
ClientSampleId : VD0501SBL01

Tgt Ion: 95 Resp: 342664

Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	181.8
176	79.9	0.0	174.4

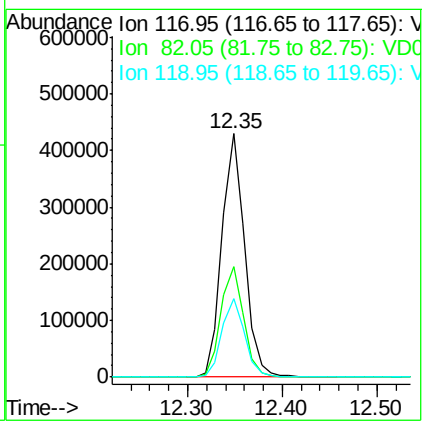


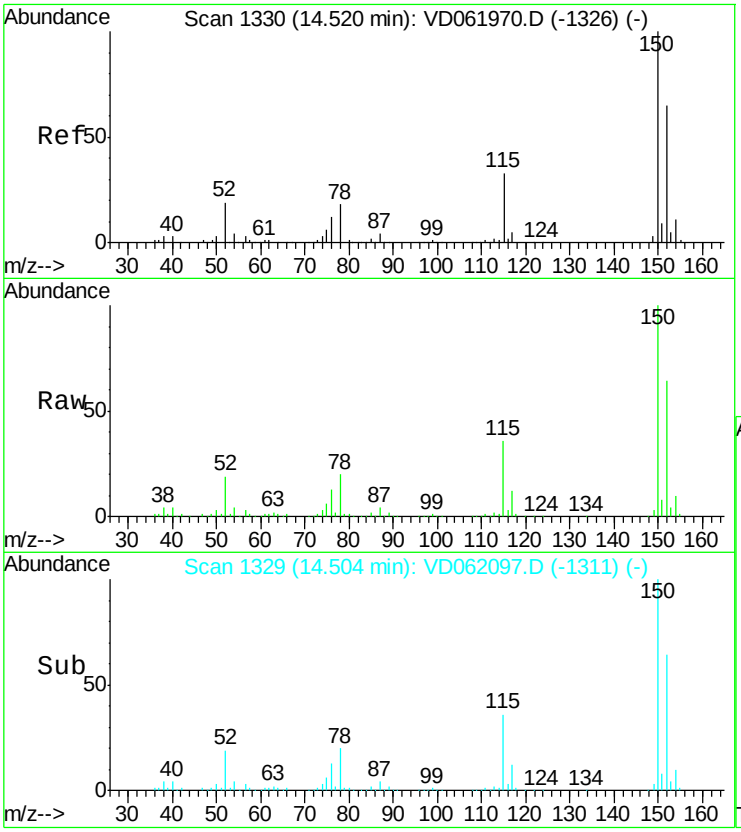


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Tgt Ion:117 Resp: 714002

Ion	Ratio	Lower	Upper
117	100		
82	45.4	36.2	54.2
119	32.2	26.2	39.4



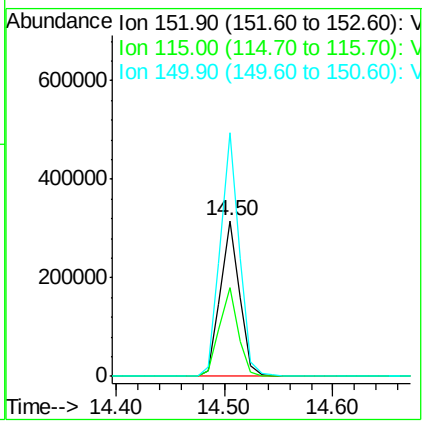


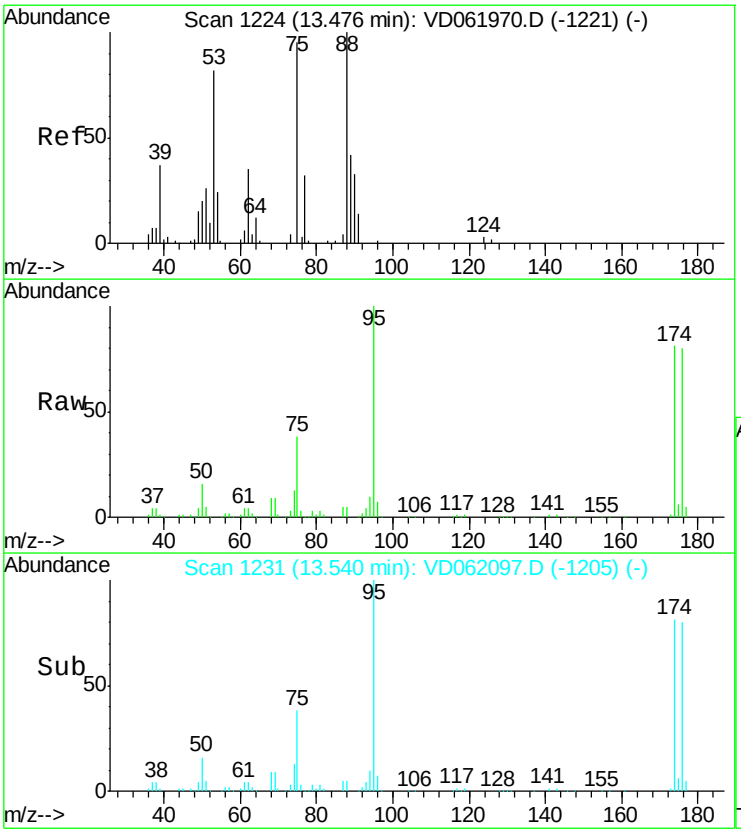
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBL01

Tgt Ion:152 Resp: 390678

Ion	Ratio	Lower	Upper
152	100		
115	56.7	30.9	92.7
150	156.2	0.0	314.8

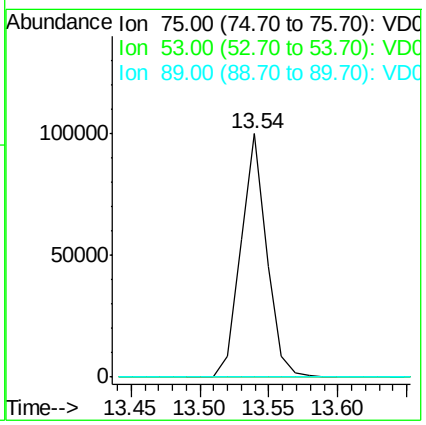


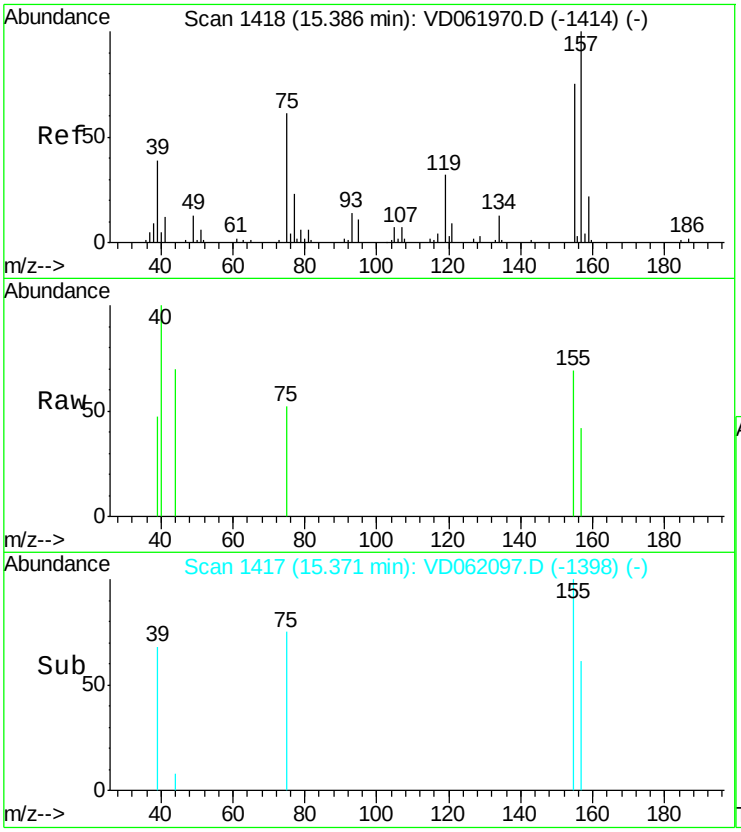


#81
trans-1,4-Dichloro-2-butene
Concen: 86.798 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.06 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Tgt Ion: 75 Resp: 130491

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.8	98.8#
89	0.0	35.0	52.6#



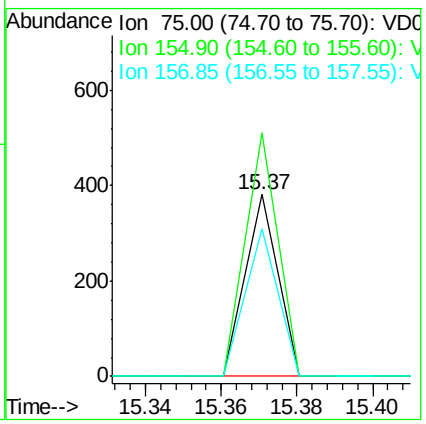


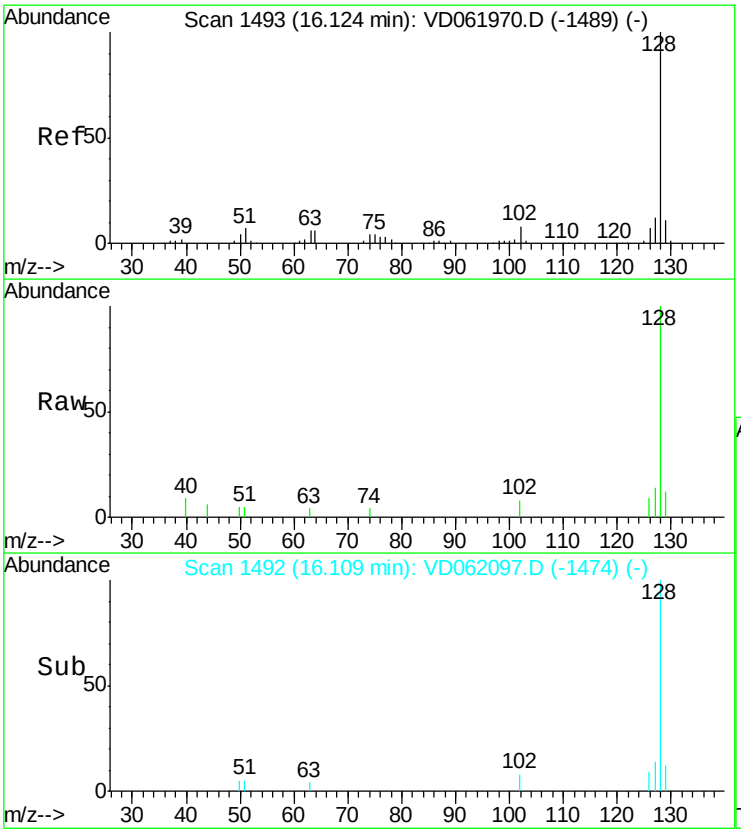
#92
1,2-Dibromo-3-Chloropropane
Concen: 2.921 ug/l
RT: 15.37 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBL01

Tgt Ion: 75 Resp: 226

Ion	Ratio	Lower	Upper
75	100		
155	133.8	55.3	165.8
157	81.4	67.8	203.2

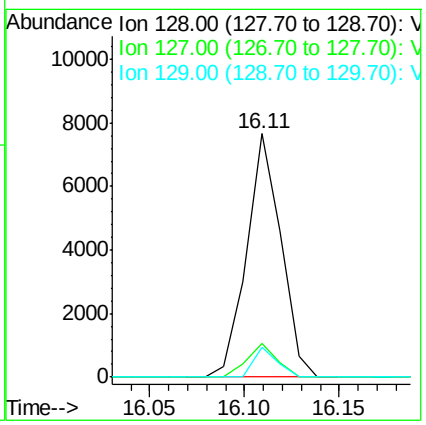


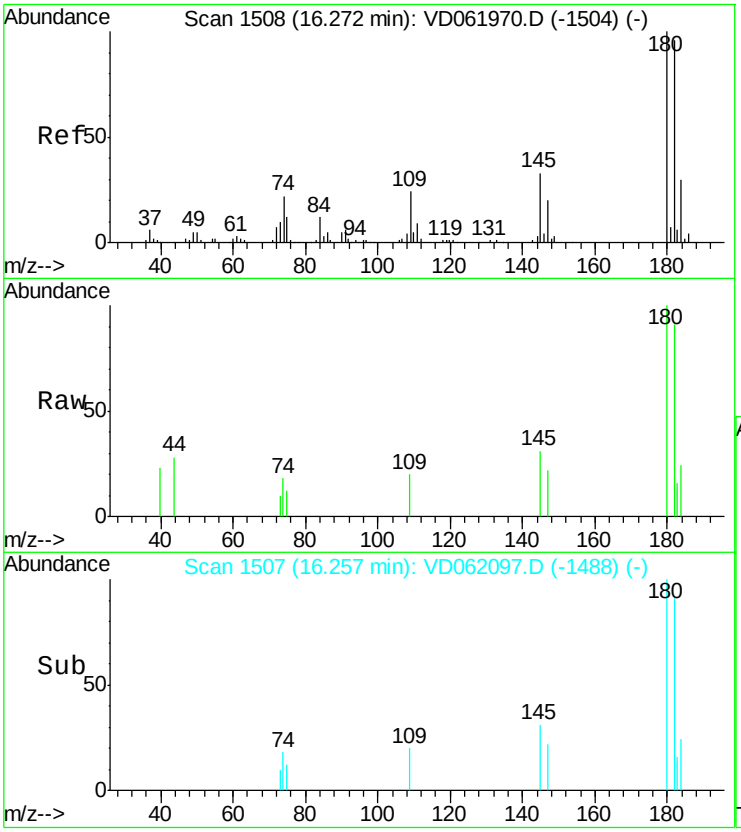


#95
Naphthalene
Concen: 1.021 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.02 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Tgt Ion:128 Resp: 9605

Ion	Ratio	Lower	Upper
128	100		
127	13.7	9.8	14.8
129	12.4	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 1.072 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.01 min
Lab File: VD062097.D
Acq: 1 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :
VD0501SBL01

Tgt Ion:180 Resp: 3543

Ion	Ratio	Lower	Upper
180	100		
182	91.0	47.0	141.0
145	31.0	17.0	51.0