Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072220\
Data File : VD066004.D
Acq On : 22 Jul 2020 16:21
Operator : VA/SY
Sample : L3354-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BACK-YARD

Quant Time: Jul 23 01:05:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	280240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	416594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	374494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	159434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	108576	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.24%			
35) Dibromofluoromethane	7.92	113	116493	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.20%			
50) Toluene-d8	10.34	98	399552	42.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.90%			
62) 4-Bromofluorobenzene	12.64	95	126032	38.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.24%			
Target Compounds						Qvalue
5) Bromomethane	2.79	94	120	Below Cal	#	4
10) Methyl Iodide	4.33	142	65	8.834	ug/l #	42
11) Tert butyl alcohol	5.22	59	429	Below Cal	#	83
16) Acetone	4.17	43	2923	6.333	ug/l #	69
20) Methylene Chloride	4.97	84	11873	1.793	ug/l	92
31) Cyclohexane	7.98	56	5208	1.270	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	18878	5.310	ug/l #	47
38) Carbon Tetrachloride	7.98	117	26854	6.961	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.96	63	1050	1.028	ug/l	90
76) 1,2,3-Trichloropropane	12.64	75	61630	51.339	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	61630	117.805	ug/l #	11
95) Naphthalene	15.41	128	1594	3.840	ug/l #	73

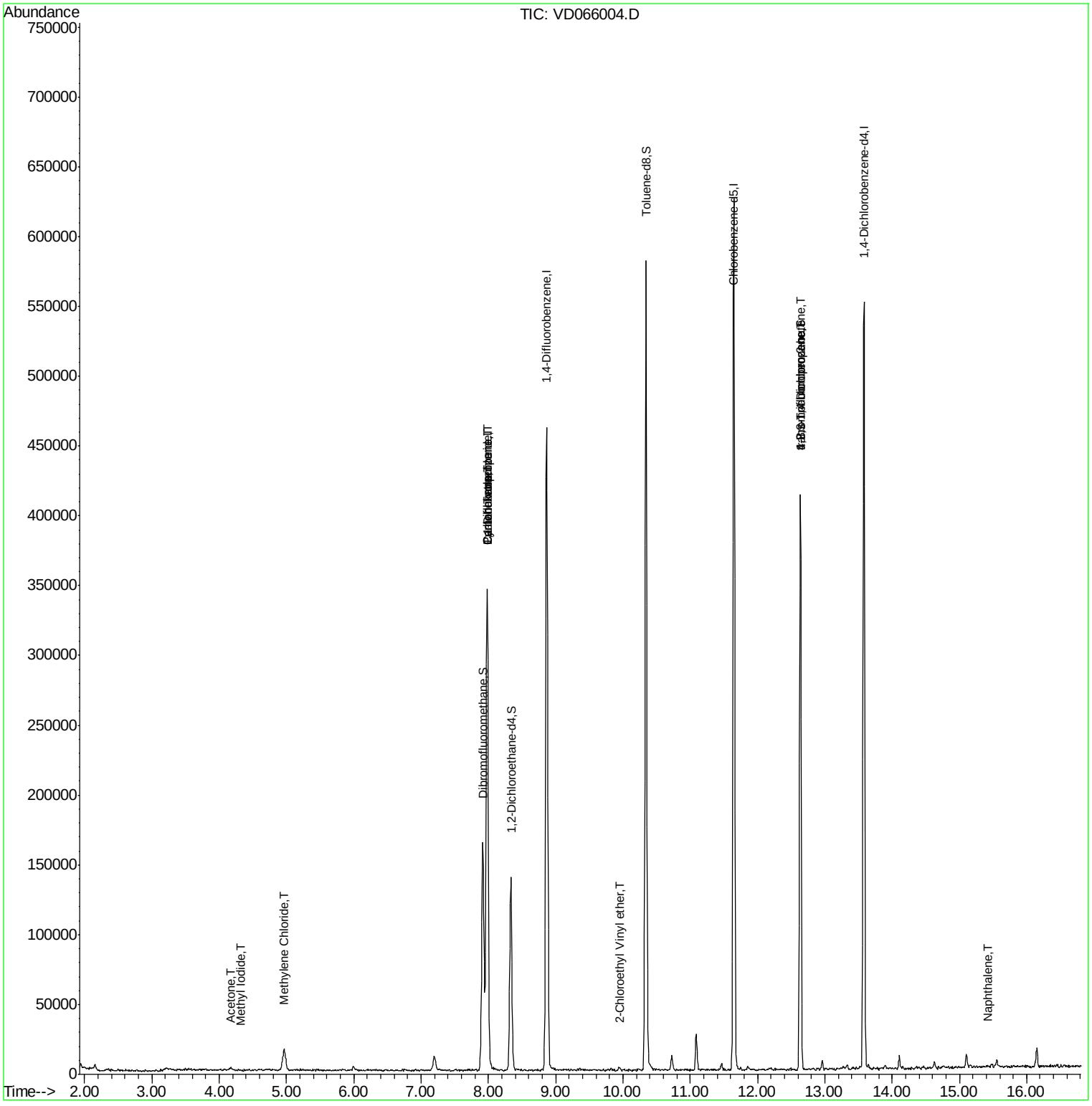
(#) = qualifier out of range (m) = manual integration (+) = signals summed

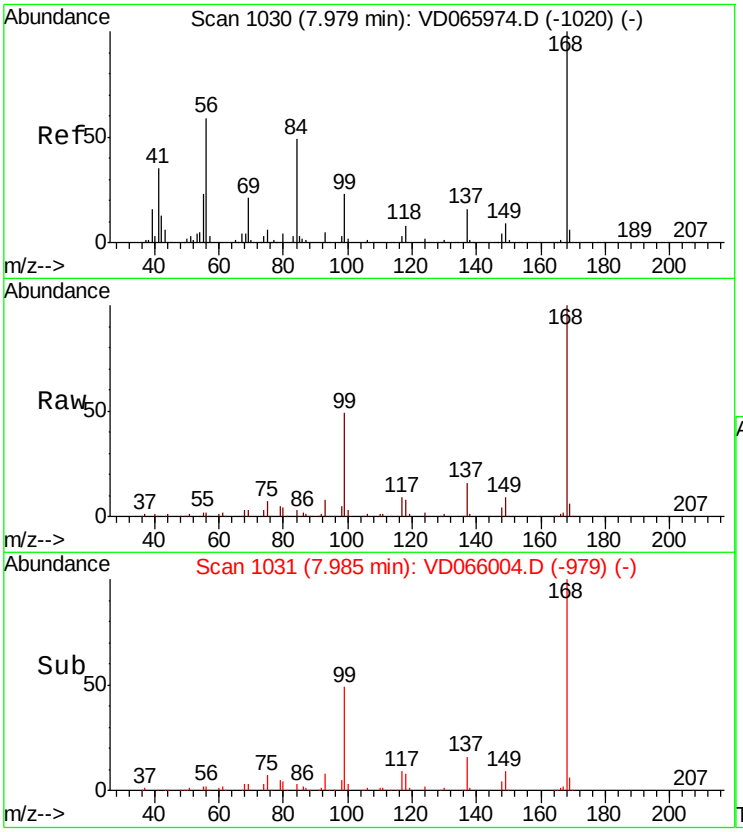
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
Data File : VD066004.D
Acq On : 22 Jul 2020 16:21
Operator : VA/SY
Sample : L3354-01
Misc : 5.01G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BACK-YARD

Quant Time: Jul 23 01:05:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration



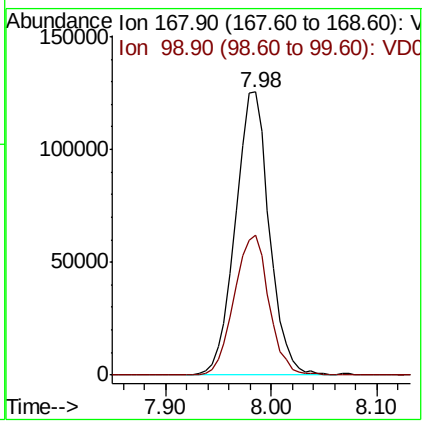


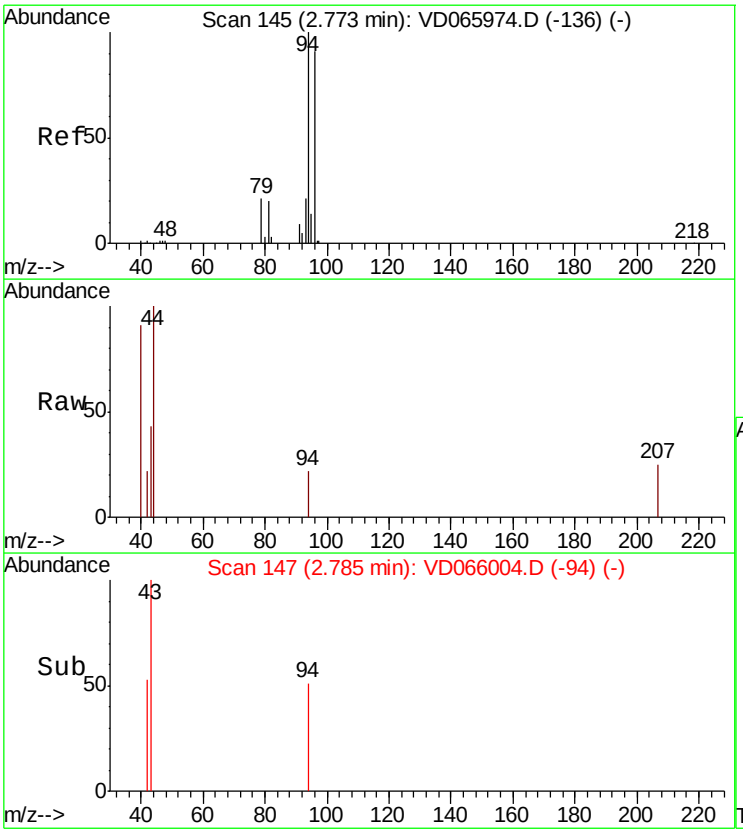
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Instrument :
MSVOA_D
ClientSampleId :
BACK-YARD

Tgt Ion:168 Resp: 280240

Ion	Ratio	Lower	Upper
168	100		
99	49.3	40.8	61.2

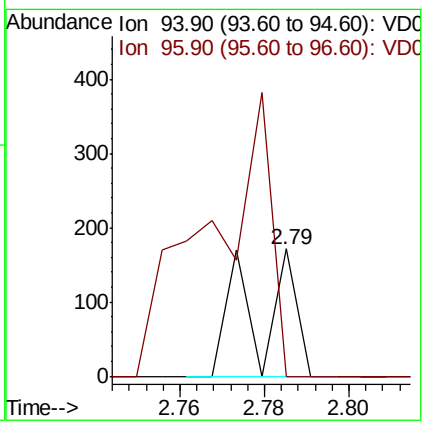


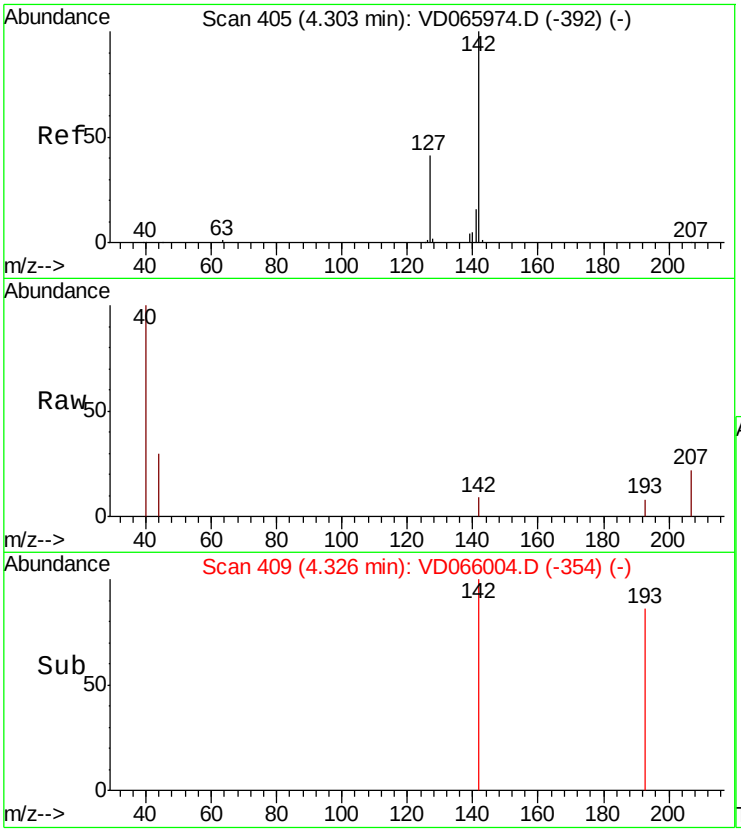


#5
Bromomethane
Concen: Below Cal
RT: 2.79 min Scan# 147
Delta R.T. 0.01 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Tgt Ion: 94 Resp: 120

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.0	109.4#



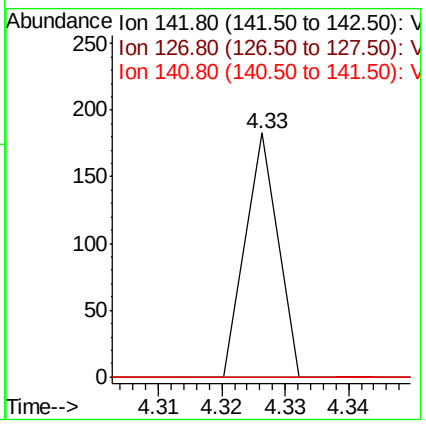


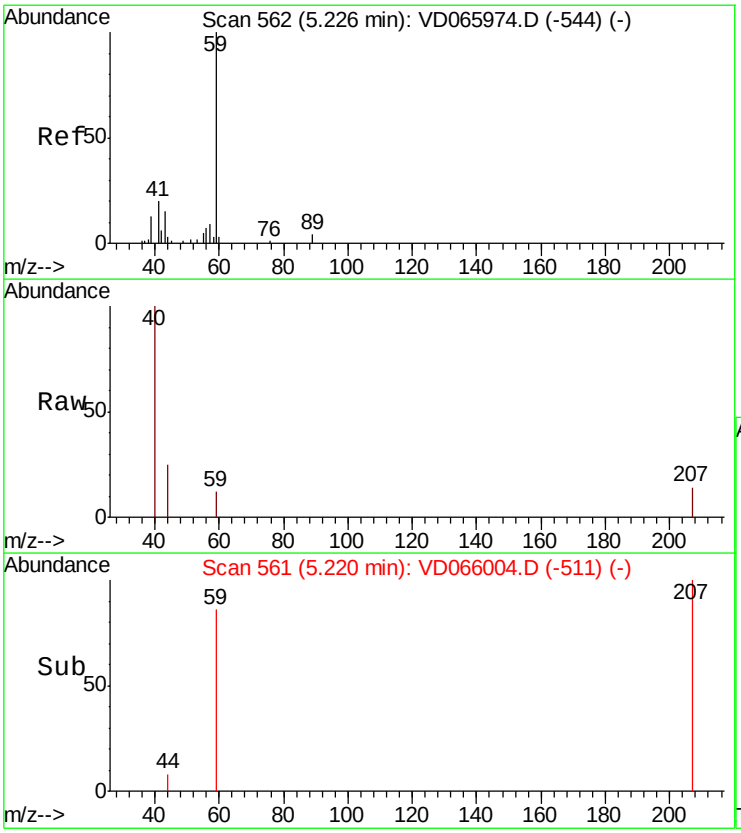
#10
Methyl Iodide
Concen: 8.834 ug/l
RT: 4.33 min Scan# 409
Delta R.T. 0.02 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Instrument : MSVOA_D
ClientSampleId : BACK-YARD

Tgt Ion:142 Resp: 65

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.9	49.3#
141	0.0	11.8	17.6#

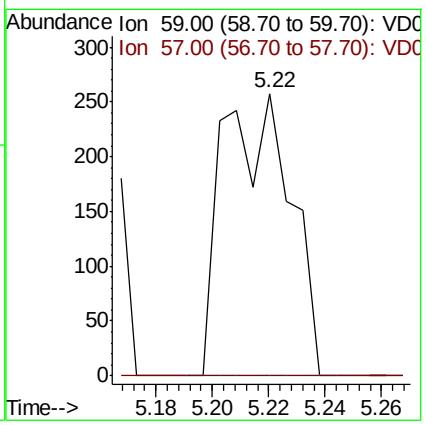


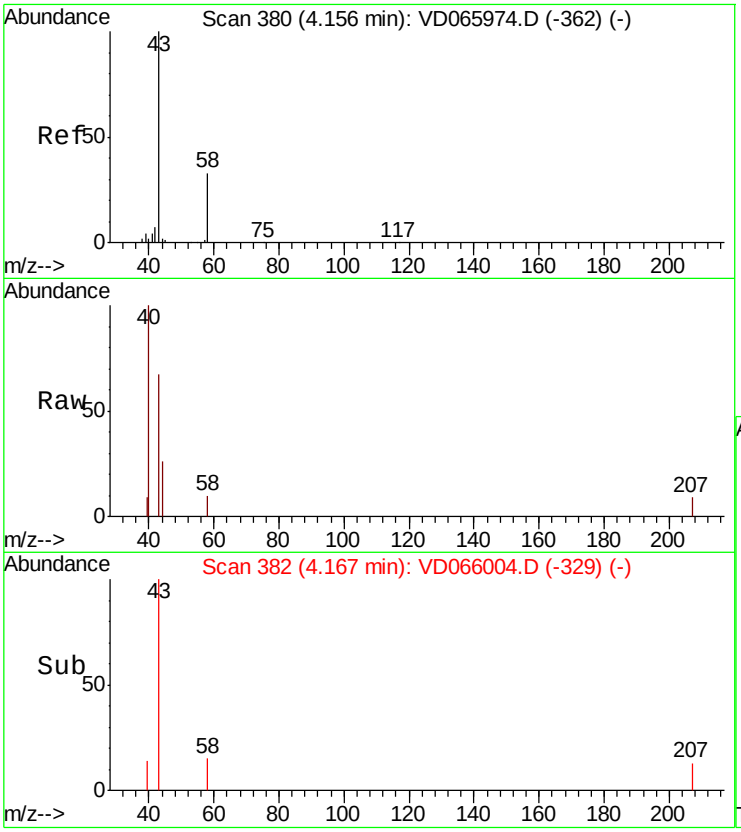


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Tgt Ion: 59 Resp: 429

Ion	Ratio	Lower	Upper
59	100		
57	0.0	4.5	6.7#



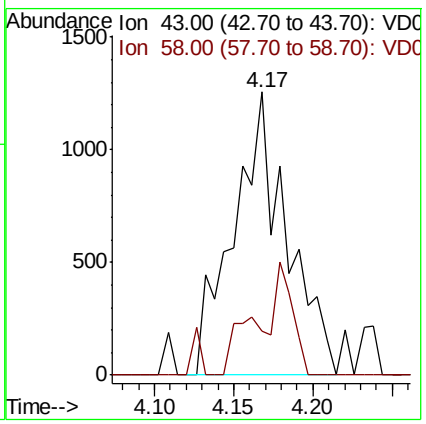


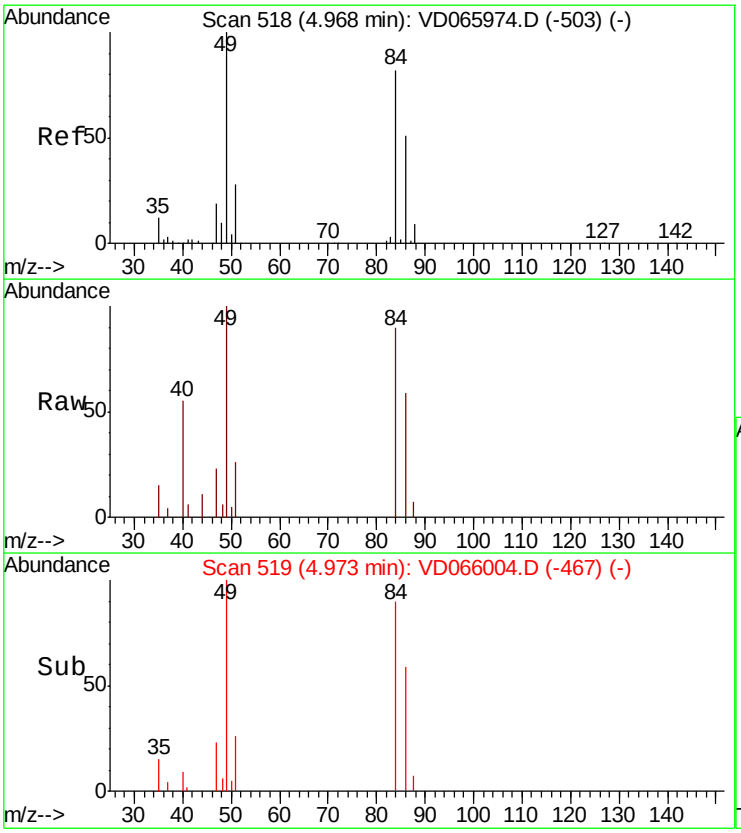
#16
Acetone
Concen: 6.333 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Instrument : MSVOA_D
ClientSampleId : BACK-YARD

Tgt Ion: 43 Resp: 2923

Ion	Ratio	Lower	Upper
43	100		
58	15.4	26.3	39.5#

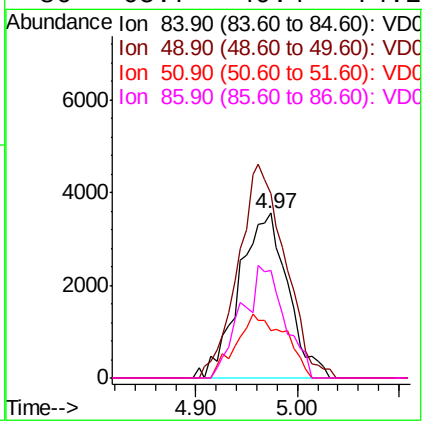


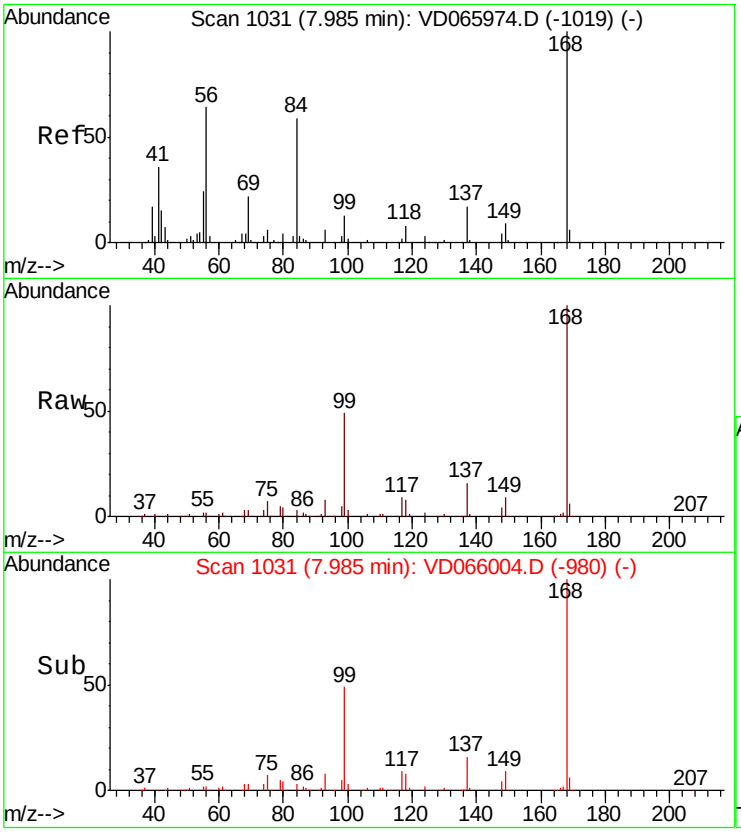


#20
Methylene Chloride
Concen: 1.793 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Tgt Ion: 84 Resp: 11873

Ion	Ratio	Lower	Upper
84	100		
49	111.6	97.7	146.5
51	28.6	27.4	41.2
86	65.7	49.4	74.2



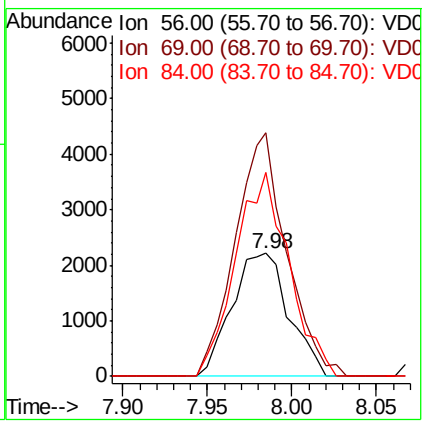


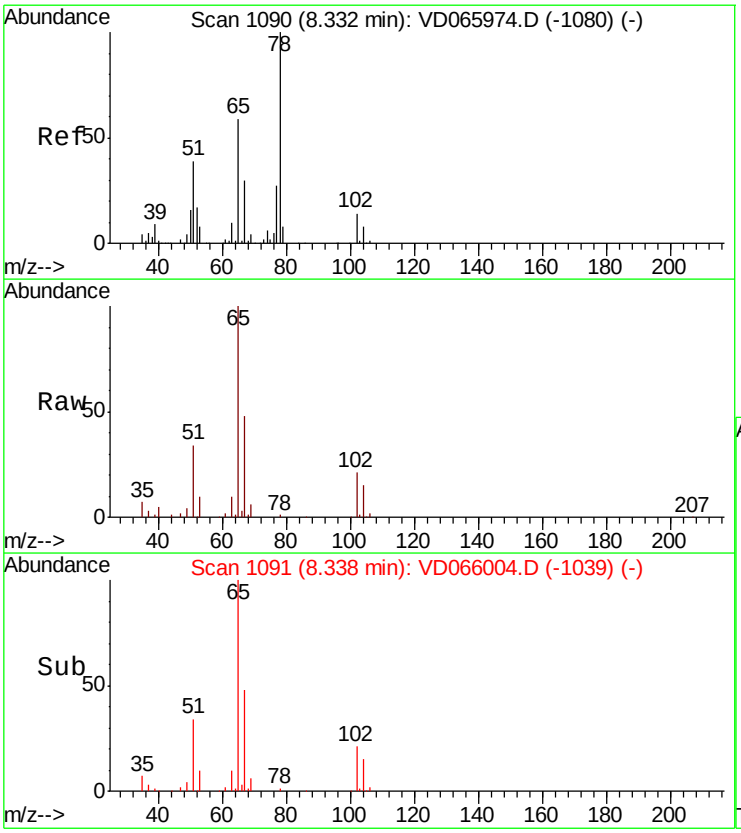
#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Instrument :
MSVOA_D
ClientSampleId :
BACK-YARD

Tgt Ion: 56 Resp: 5208

Ion	Ratio	Lower	Upper
56	100		
69	198.1	28.0	42.0#
84	166.0	72.6	109.0#

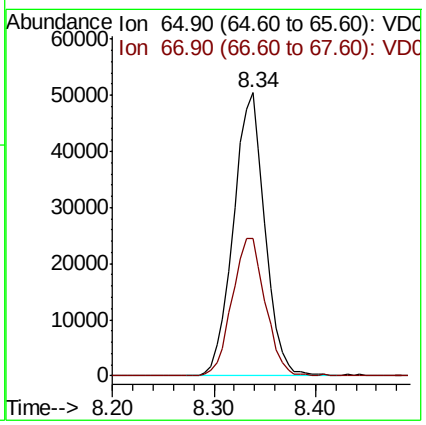


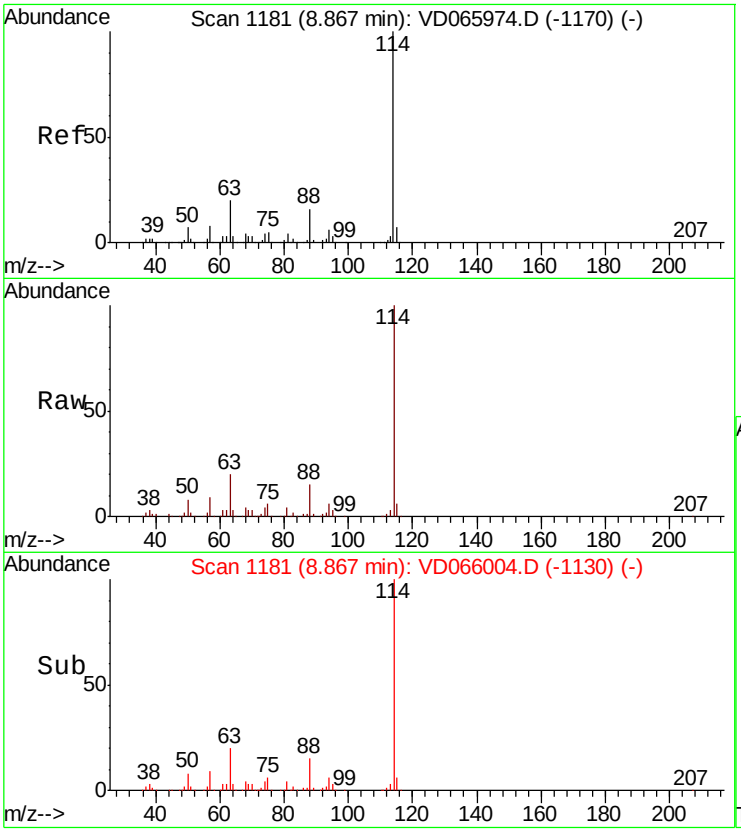


#33
1,2-Dichloroethane-d4
Concen: 47.615 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Tgt Ion: 65 Resp: 108576

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	105.0



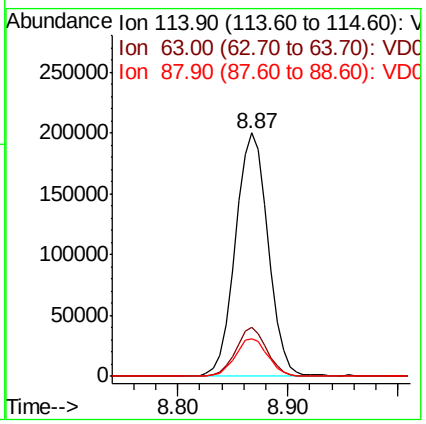


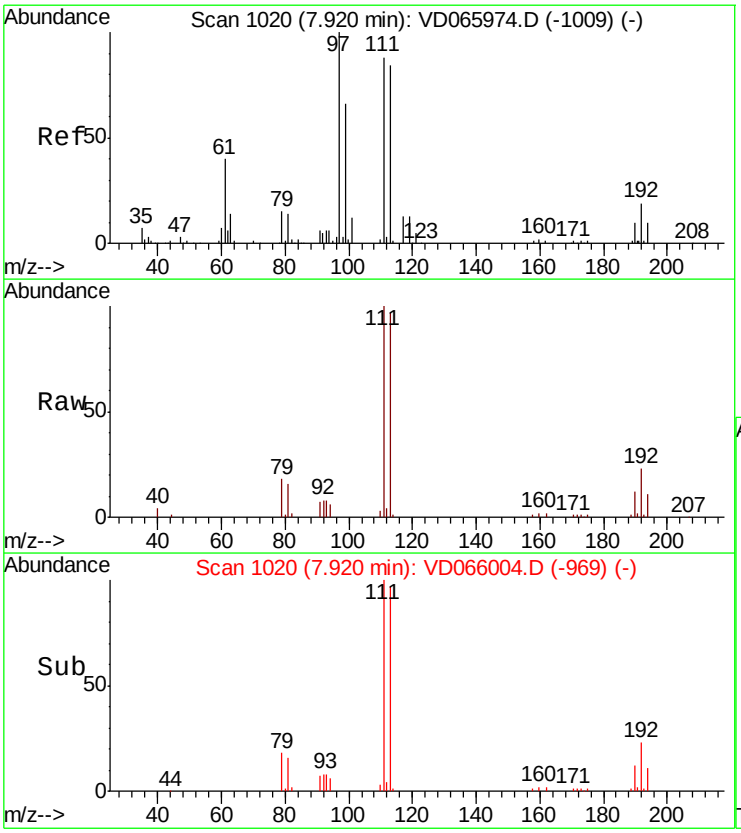
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Instrument :
MSVOA_D
ClientSampleId :
BACK-YARD

Tgt Ion:114 Resp: 416594

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	15.3	0.0	31.2

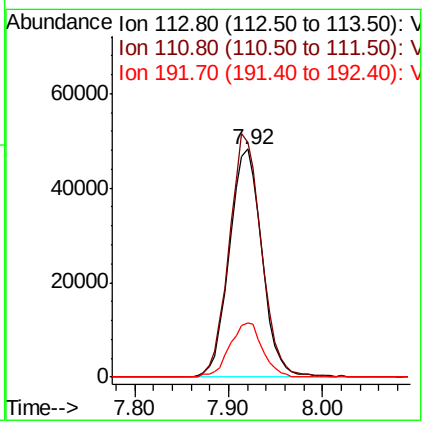


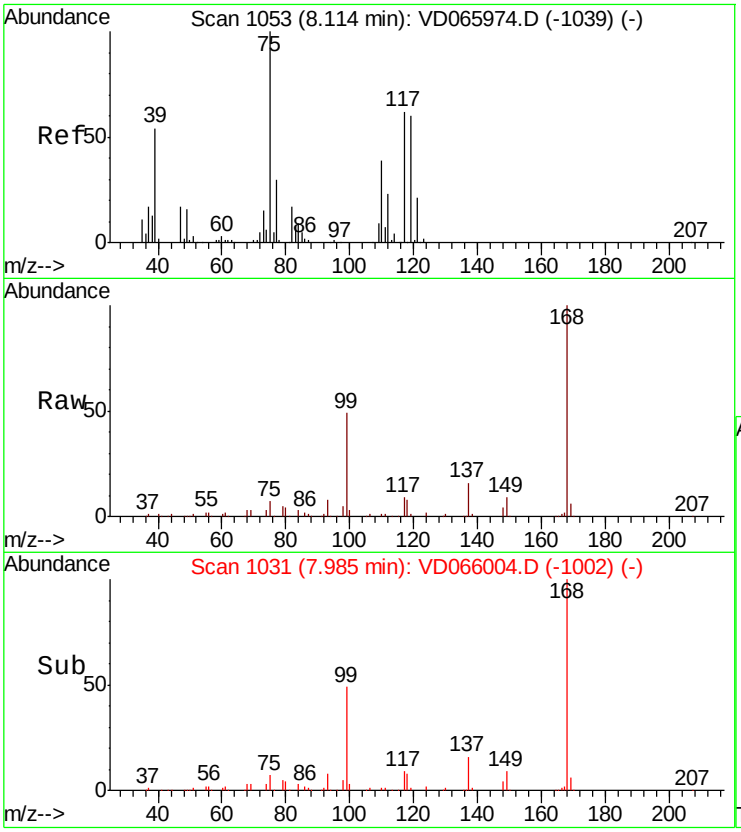


#35
Dibromofluoromethane
Concen: 46.103 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Tgt Ion:113 Resp: 116493

Ion	Ratio	Lower	Upper
113	100		
111	105.2	83.2	124.8
192	23.8	18.7	28.1



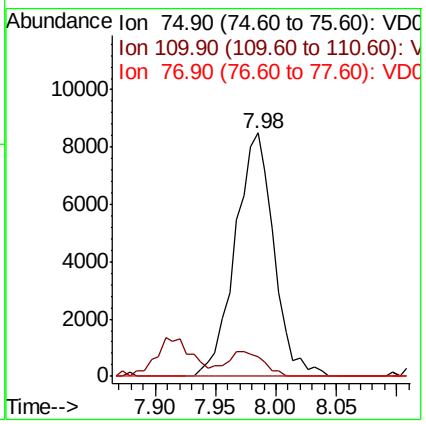


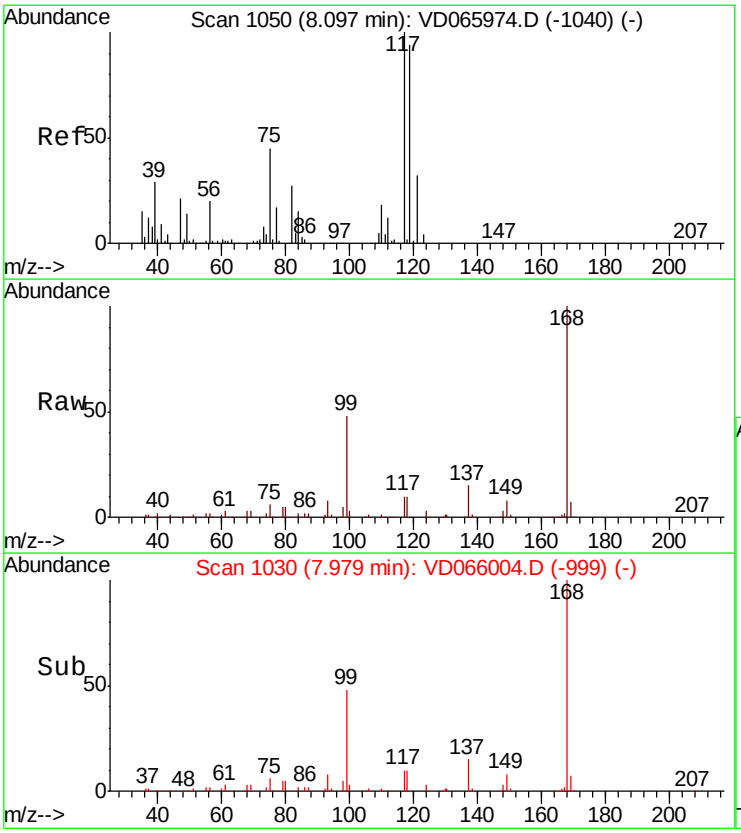
#36
1,1-Dichloropropene
Concen: 5.310 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Instrument :
MSVOA_D
ClientSampleId :
BACK-YARD

Tgt Ion: 75 Resp: 18878

Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.5	58.5#
77	0.0	24.7	37.1#

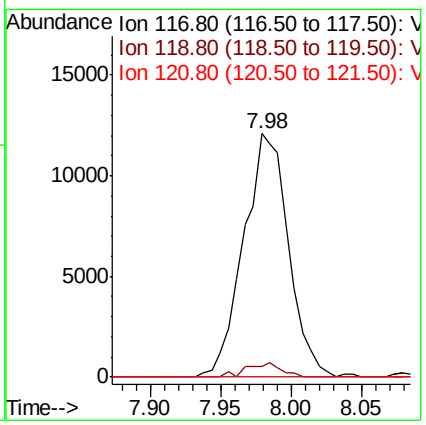


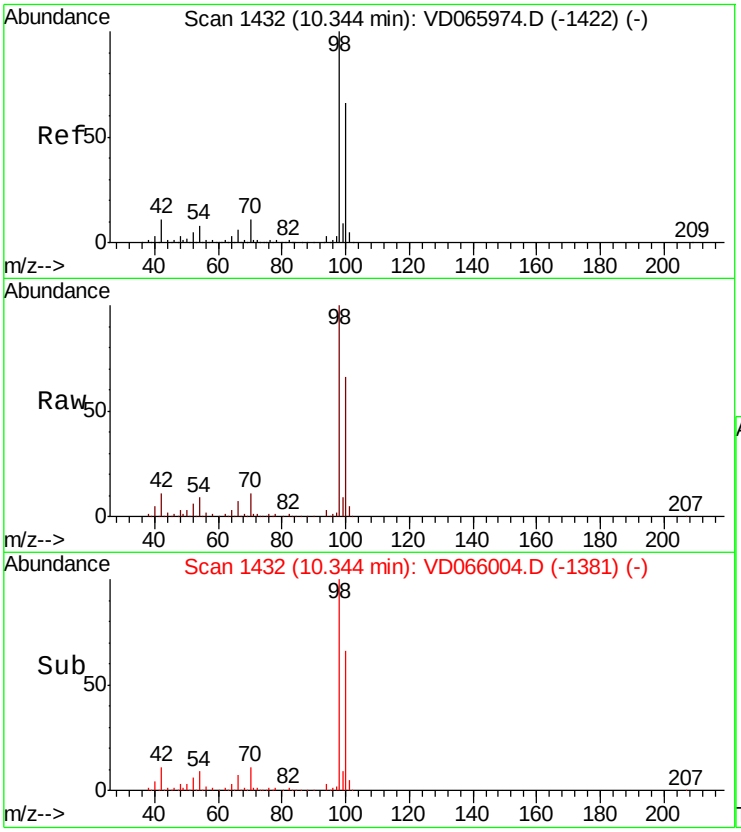


#38
Carbon Tetrachloride
Concen: 6.961 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Tgt Ion:117 Resp: 26854

Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.0	112.6#
121	0.0	25.5	38.3#



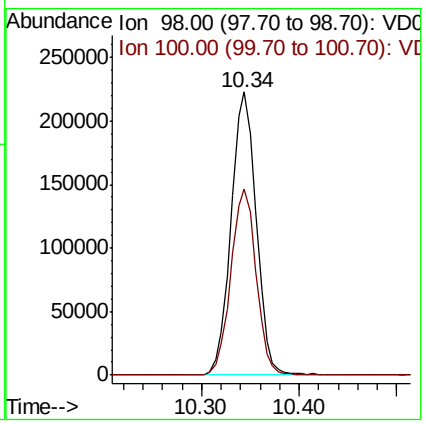


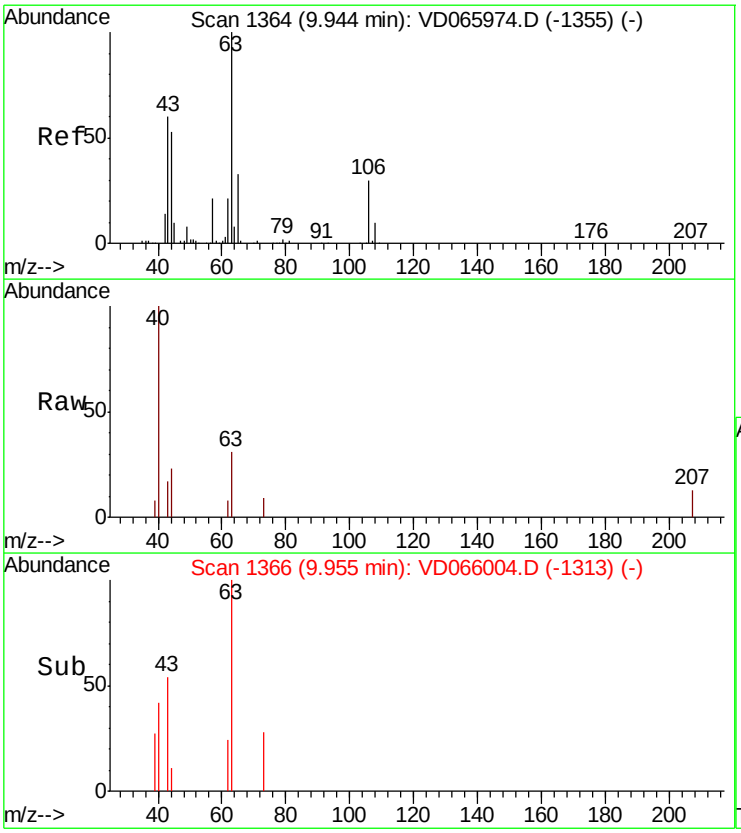
#50
Toluene-d8
Concen: 42.447 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Instrument :
MSVOA_D
ClientSampleId :
BACK-YARD

Tgt Ion: 98 Resp: 399552

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.7	79.1

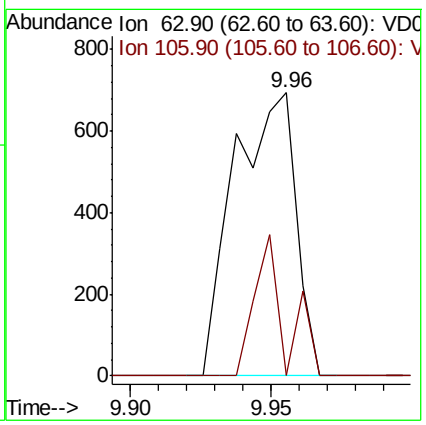


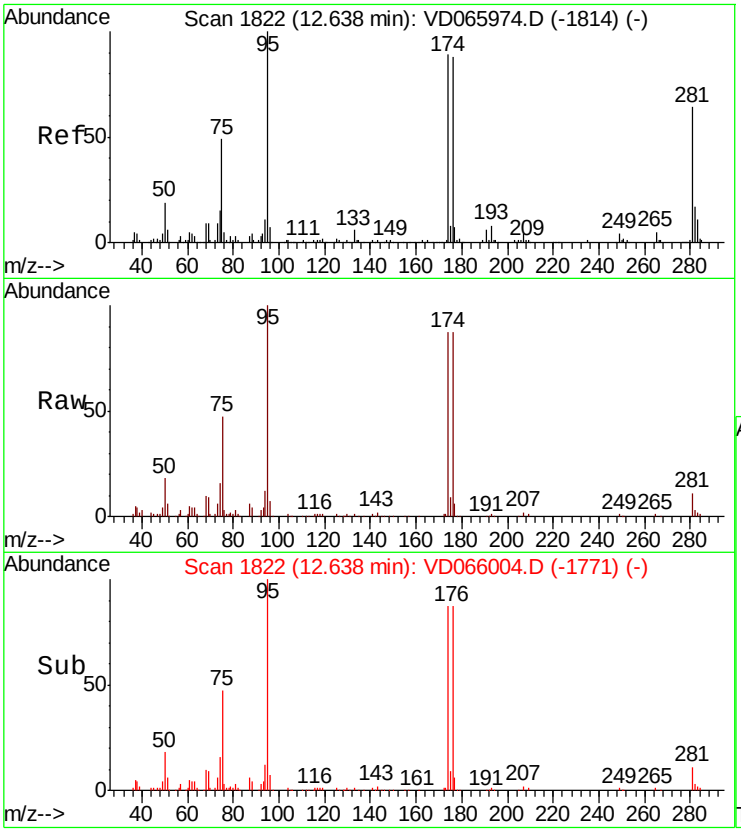


#58
2-Chloroethyl Vinyl ether
Concen: 1.028 ug/l
RT: 9.96 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Tgt Ion: 63 Resp: 1050

Ion	Ratio	Lower	Upper
63	100		
106	24.9	24.4	36.6



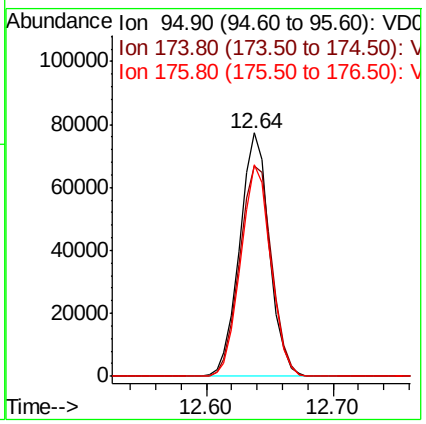


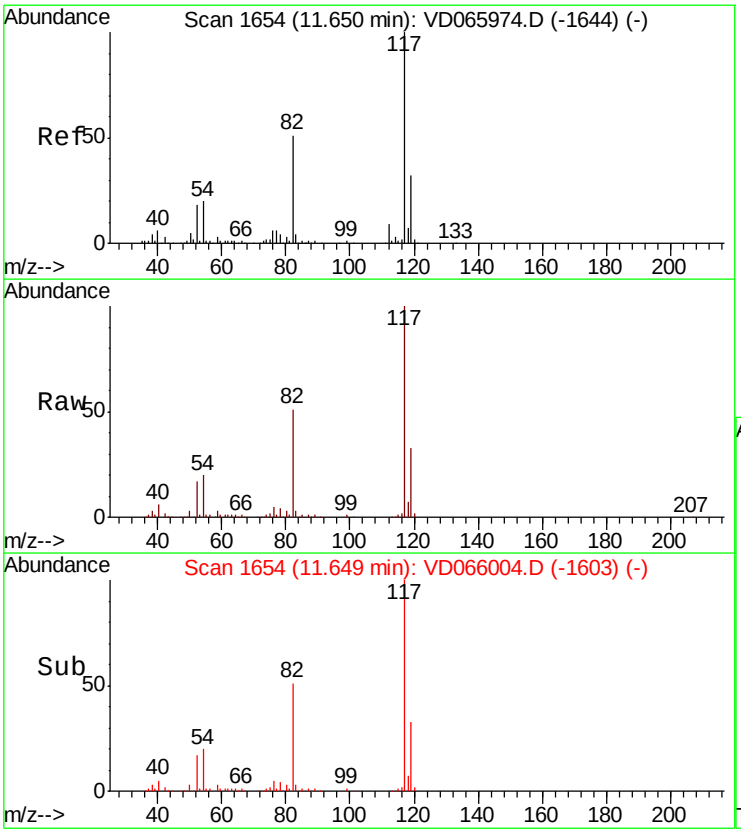
#62
4-Bromofluorobenzene
Concen: 38.615 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Instrument :
MSVOA_D
ClientSampleId :
BACK-YARD

Tgt Ion: 95 Resp: 126032

Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	178.8
176	87.8	0.0	172.6

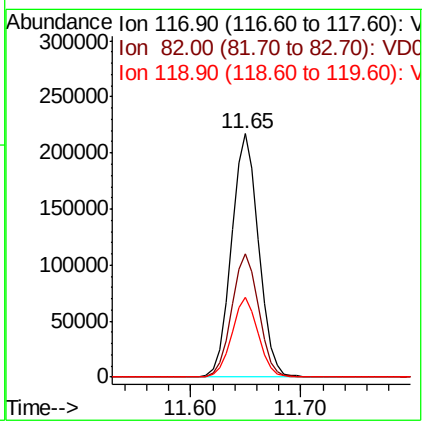


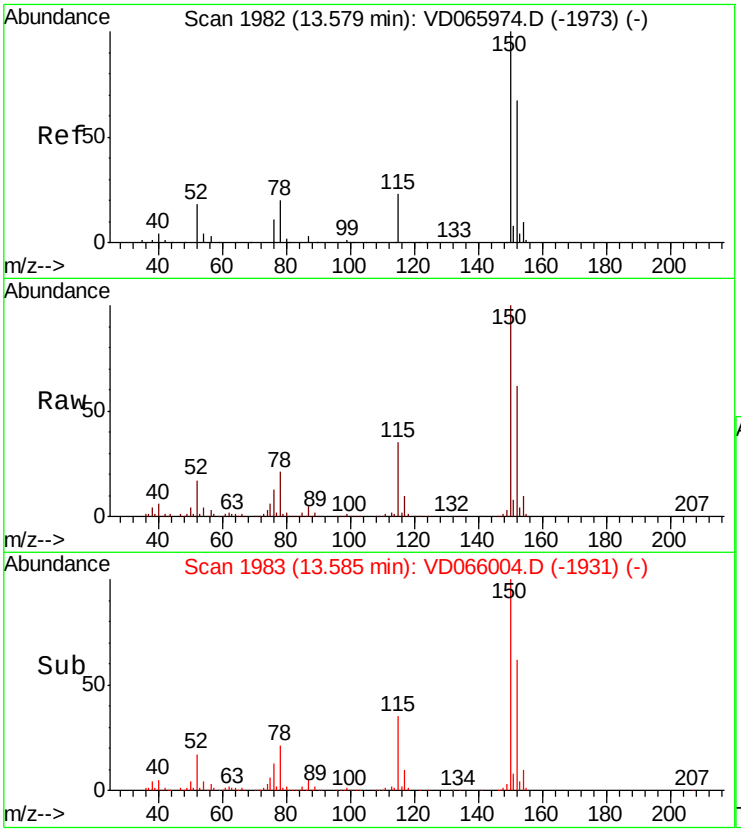


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Tgt Ion:117 Resp: 374494

Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.1	61.7
119	32.9	25.9	38.9



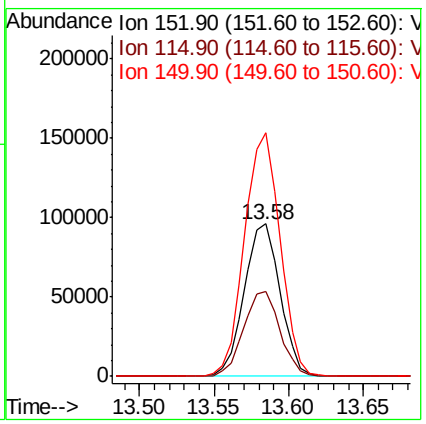


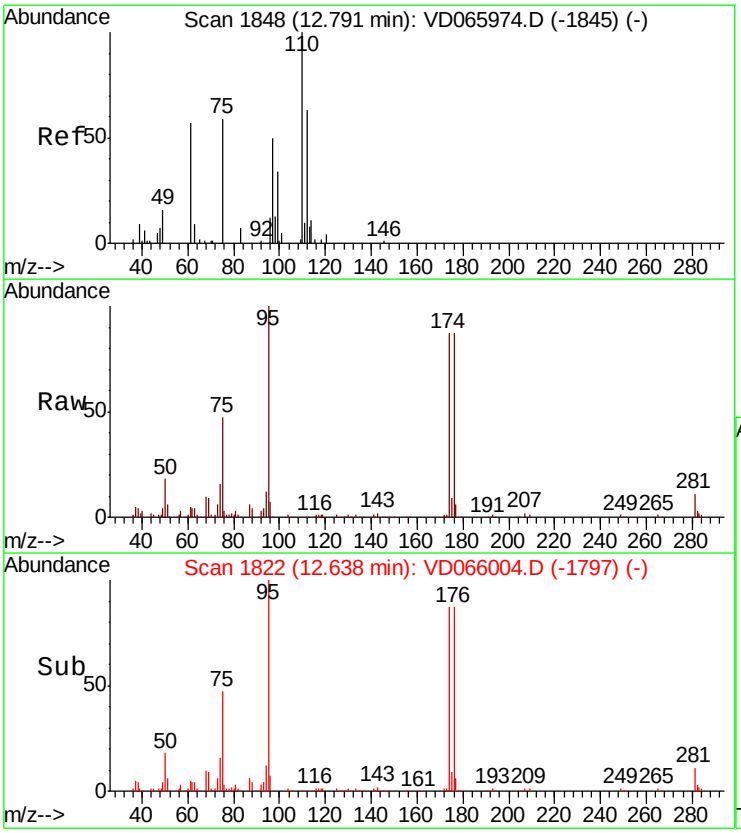
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Instrument :
MSVOA_D
ClientSampleId :
BACK-YARD

Tgt Ion:152 Resp: 159434

Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.9	83.7
150	158.4	0.0	348.2

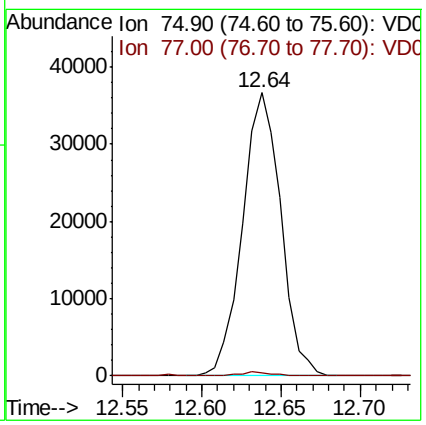


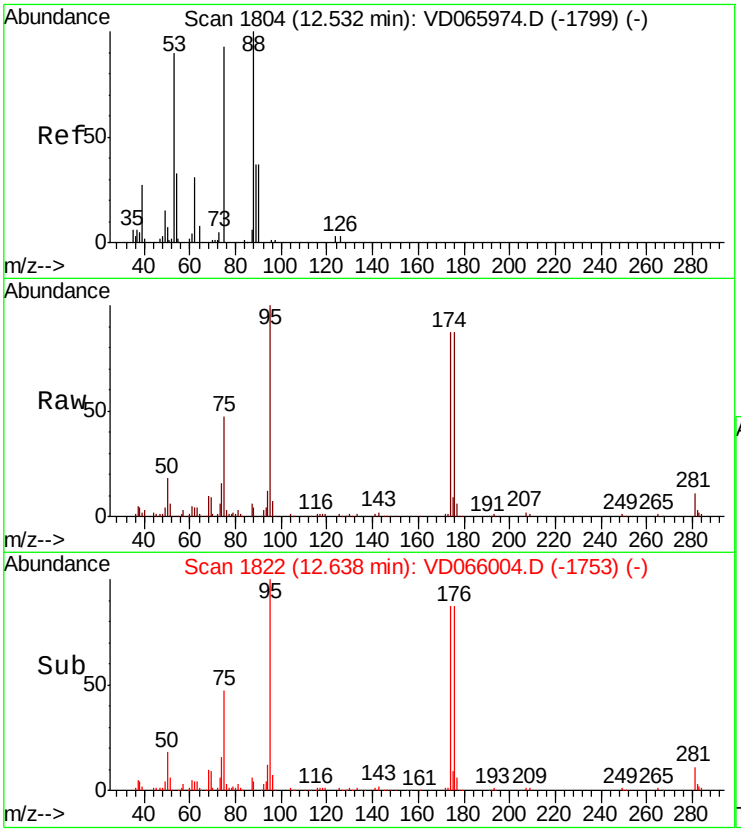


#76
1,2,3-Trichloropropane
Concen: 51.339 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Tgt Ion: 75 Resp: 61630

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



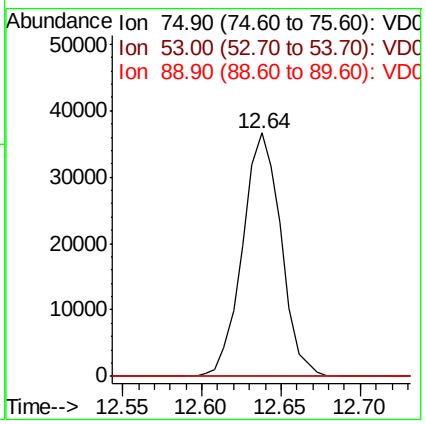


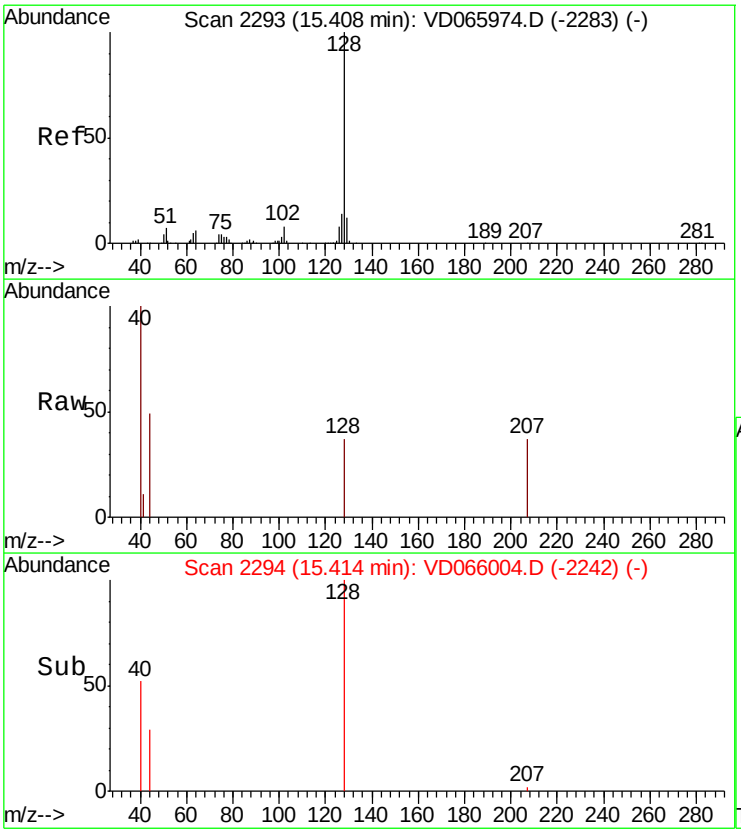
#81
trans-1,4-Dichloro-2-butene
Concen: 117.805 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Instrument :
MSVOA_D
ClientSampleId :
BACK-YARD

Tgt Ion: 75 Resp: 61630

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.8	115.2#
89	0.0	37.0	55.4#





#95
Naphthalene
Concen: 3.840 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD066004.D
Acq: 22 Jul 2020 16:21

Tgt Ion:128 Resp: 1594

Ion	Ratio	Lower	Upper
128	100		
127	3.5	10.8	16.2#
129	0.0	8.9	13.3#