Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051719\
Data File : VD062444.D
Acq On : 17 May 2019 17:36
Operator : FY/SY
Sample : K2896-02
Misc : 5.92g/5mL/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-18-S2

Quant Time: May 18 00:05:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	18292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	26943	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	21172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	9058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	11741	69.07	ug/l	0.02
Spiked Amount 50.000			Recovery = 138.14%			
35) Dibromofluoromethane	6.91	113	10884	48.69	ug/l	0.02
Spiked Amount 50.000			Recovery = 97.38%			
50) Toluene-d8	10.41	98	19228	35.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.34%			
62) 4-Bromofluorobenzene	13.55	95	7388	34.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.26%			
Target Compounds						Qvalue
5) Bromomethane	2.18	94	1616	55.513	ug/l #	12
10) Methyl Iodide	3.29	142	468	1.695	ug/l #	37
16) Acetone	3.20	43	8646	242.533	ug/l #	87
18) Methyl Acetate	3.63	43	207	2.961	ug/l #	53
23) Vinyl Acetate	4.88	43	420	1.845	ug/l #	77
36) 1,1-Dichloropropene	7.04	75	1000	4.527	ug/l #	40
38) Carbon Tetrachloride	7.03	117	2160	7.064	ug/l #	12
55) 1,1,2-Trichloroethane	11.23	97	195	1.698	ug/l #	16
74) N-amyl acetate	12.90	43	228	1.602	ug/l #	49
76) 1,2,3-Trichloropropane	13.55	75	2684	24.933	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.55	75	3357	110.466	ug/l #	16
85) sec-Butylbenzene	14.36	105	684	1.214	ug/l #	60
90) Hexachloroethane	15.09	117	521	3.806	ug/l #	20
93) 1,2,4-Trichlorobenzene	15.95	180	255	1.532	ug/l #	1
95) Naphthalene	16.13	128	1769	7.613	ug/l #	70

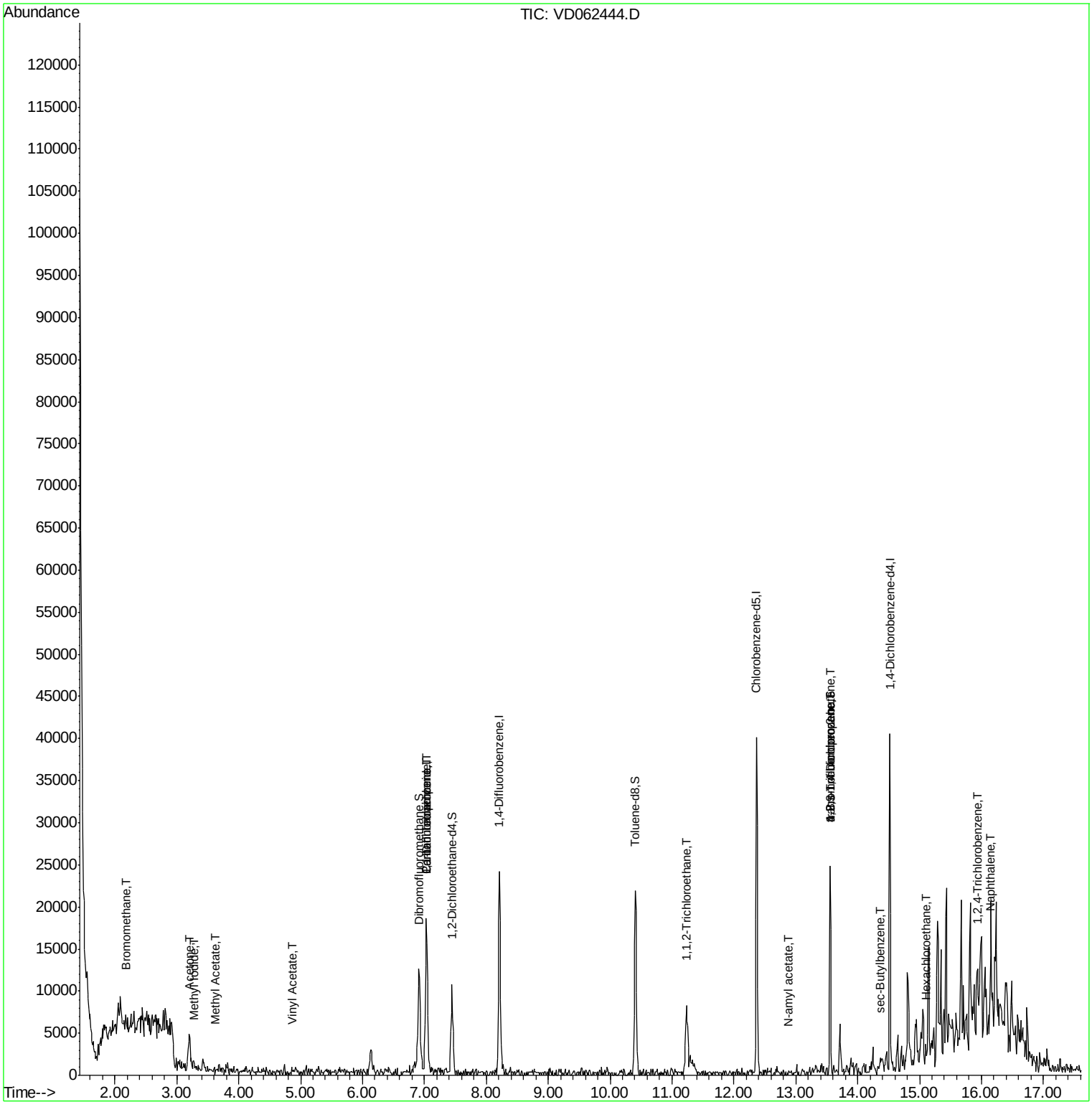
(#) = qualifier out of range (m) = manual integration (+) = signals summed

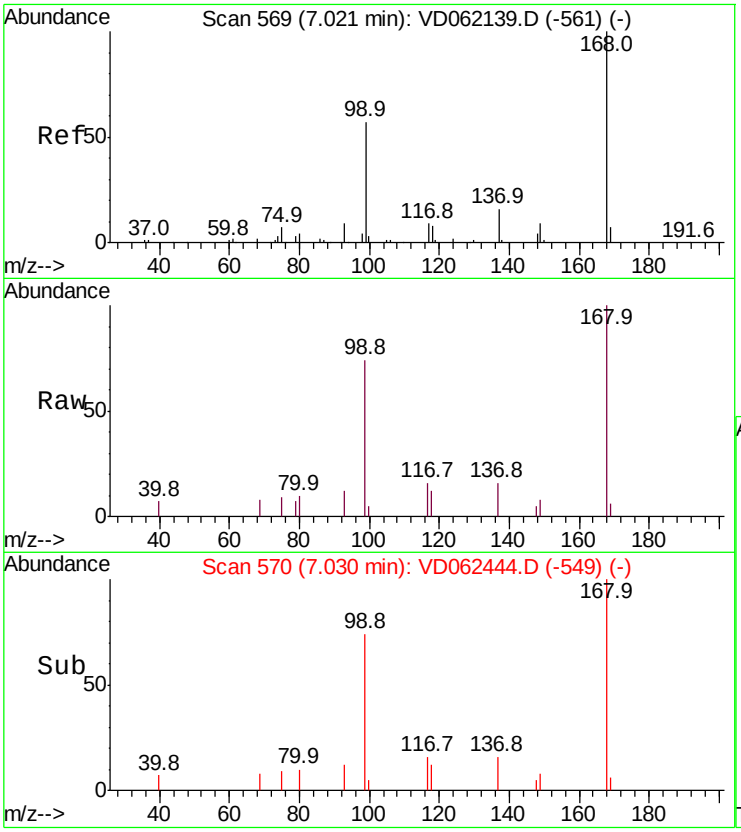
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
Data File : VD062444.D
Acq On : 17 May 2019 17:36
Operator : FY/SY
Sample : K2896-02
Misc : 5.92g/5mL/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-18-S2

Quant Time: May 18 00:05:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration



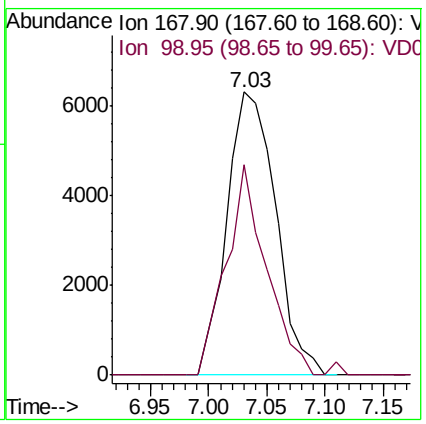


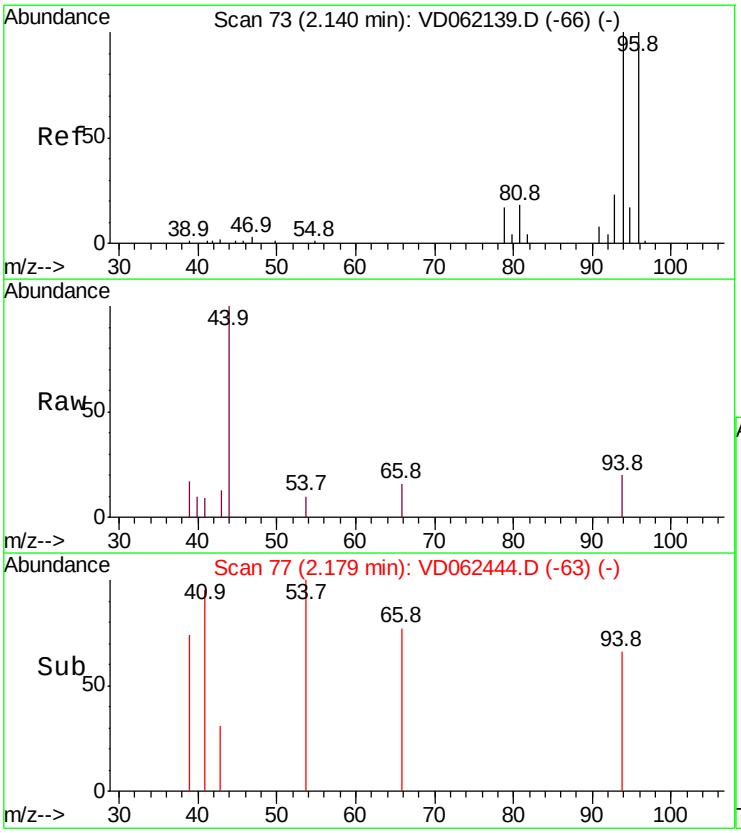
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.01 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP-18-S2

Tgt Ion:168 Resp: 18292

Ion	Ratio	Lower	Upper
168	100		
99	74.5	46.5	69.7#

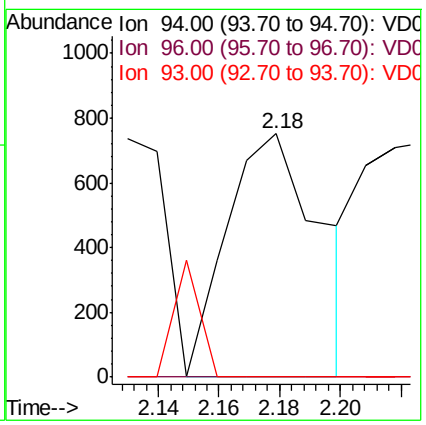


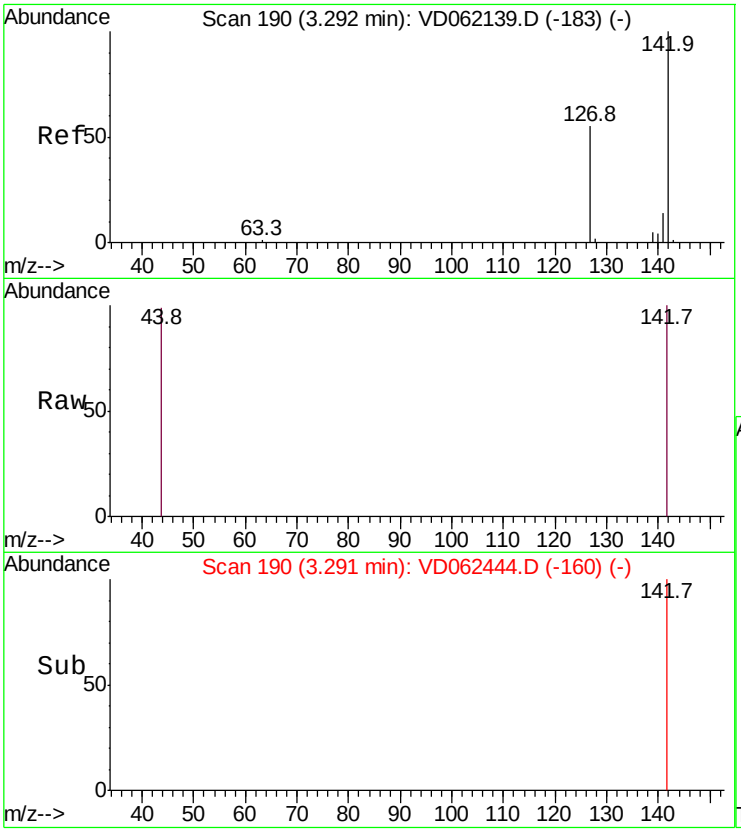


#5
Bromomethane
Concen: 55.513 ug/l
RT: 2.18 min Scan# 77
Delta R.T. 0.04 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Tgt Ion: 94 Resp: 1616

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	115.0#
93	0.0	18.5	27.7#



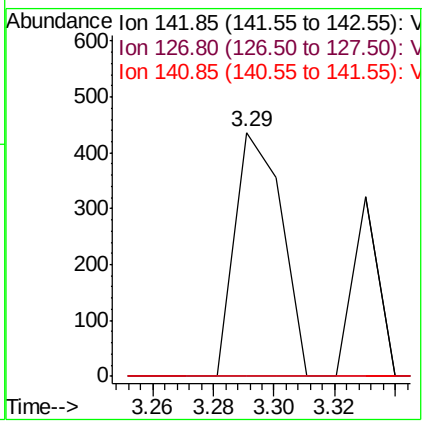


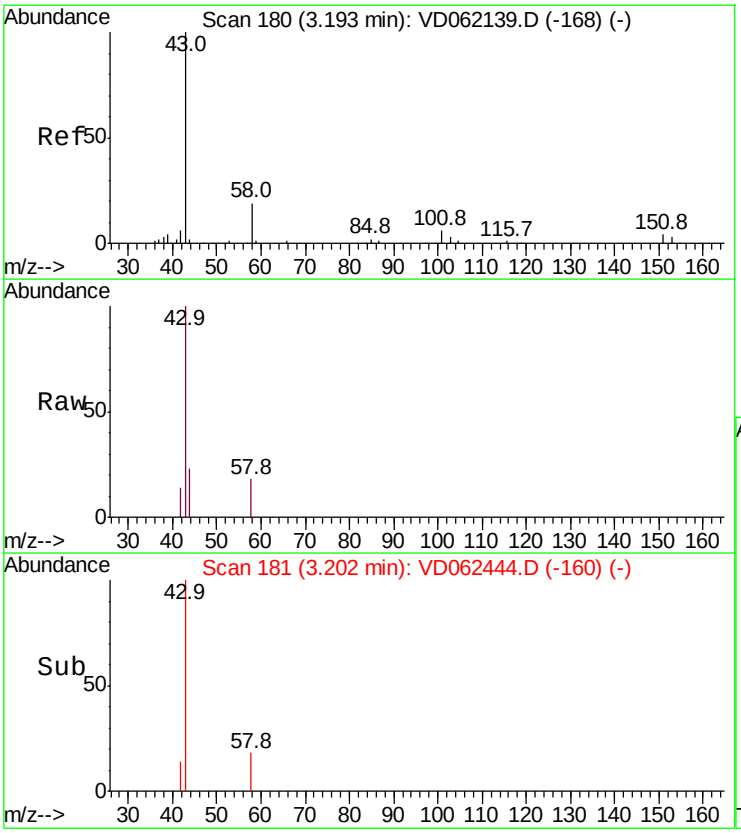
#10
Methyl Iodide
Concen: 1.695 ug/l
RT: 3.29 min Scan# 190
Delta R.T. -0.00 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP-18-S2

Tgt Ion:142 Resp: 468

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

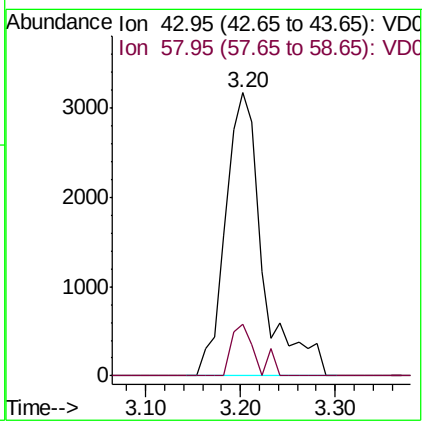


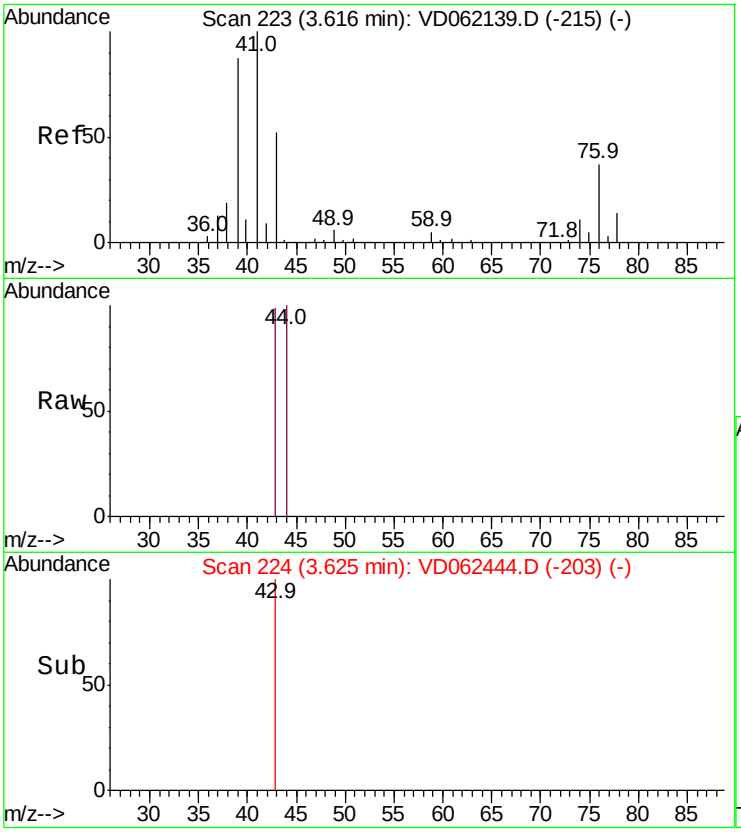


#16
Acetone
Concen: 242.533 ug/l
RT: 3.20 min Scan# 181
Delta R.T. 0.01 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Tgt Ion: 43 Resp: 8646

Ion	Ratio	Lower	Upper
43	100		
58	18.2	19.9	29.9#



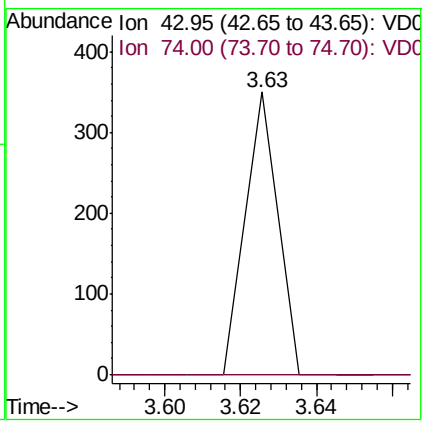


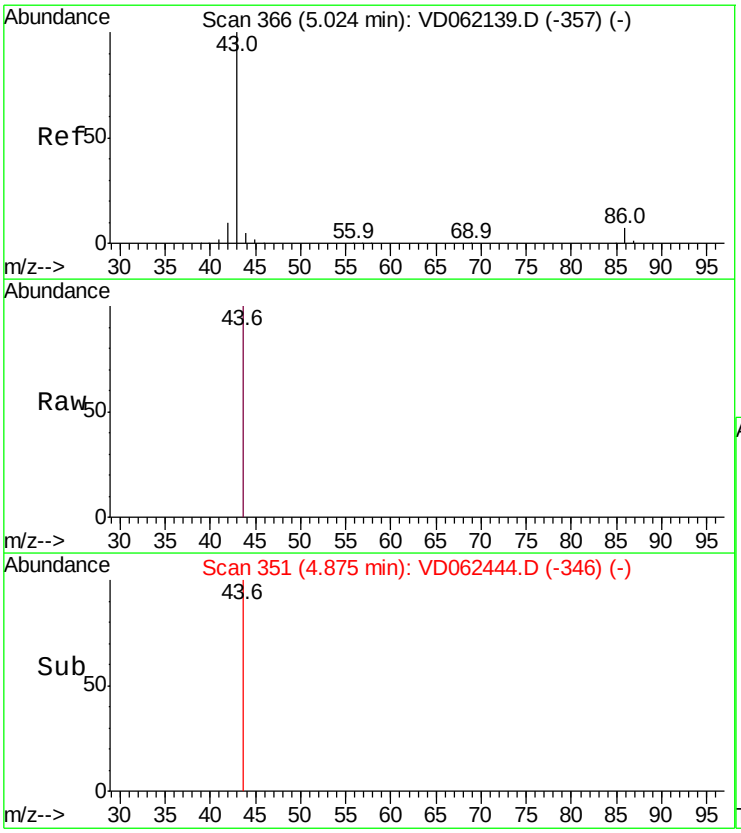
#18
Methyl Acetate
Concen: 2.961 ug/l
RT: 3.63 min Scan# 224
Delta R.T. 0.01 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Instrument : MSVOA_D
ClientSampleId : TP-18-S2

Tgt Ion: 43 Resp: 207

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#

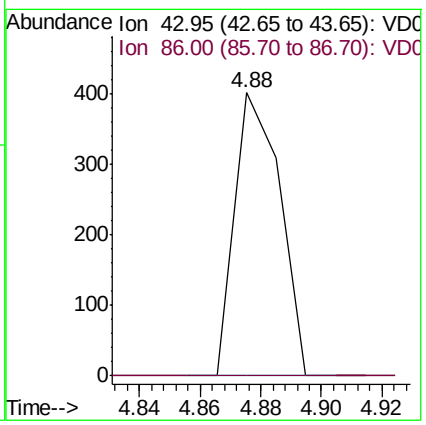


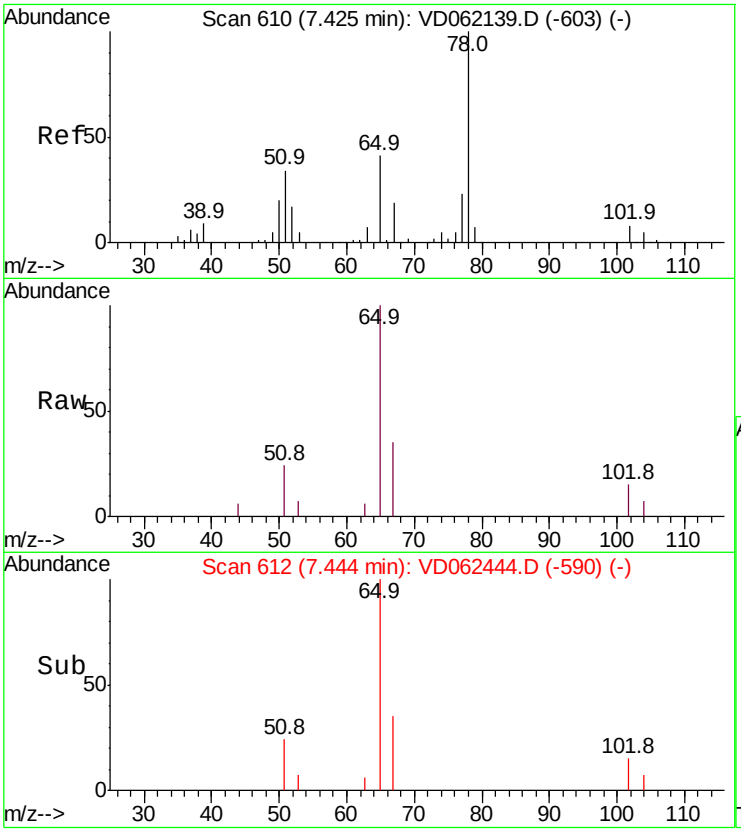


#23
Vinyl Acetate
Concen: 1.845 ug/l
RT: 4.88 min Scan# 351
Delta R.T. -0.15 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Tgt Ion: 43 Resp: 420

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.4	9.6#



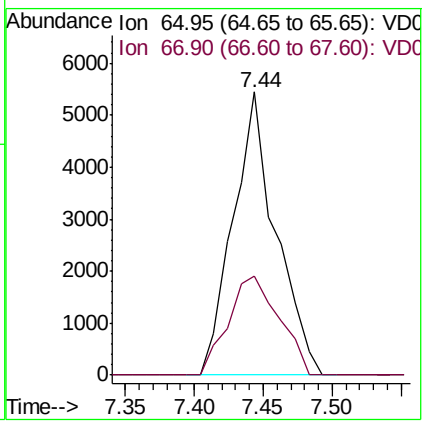


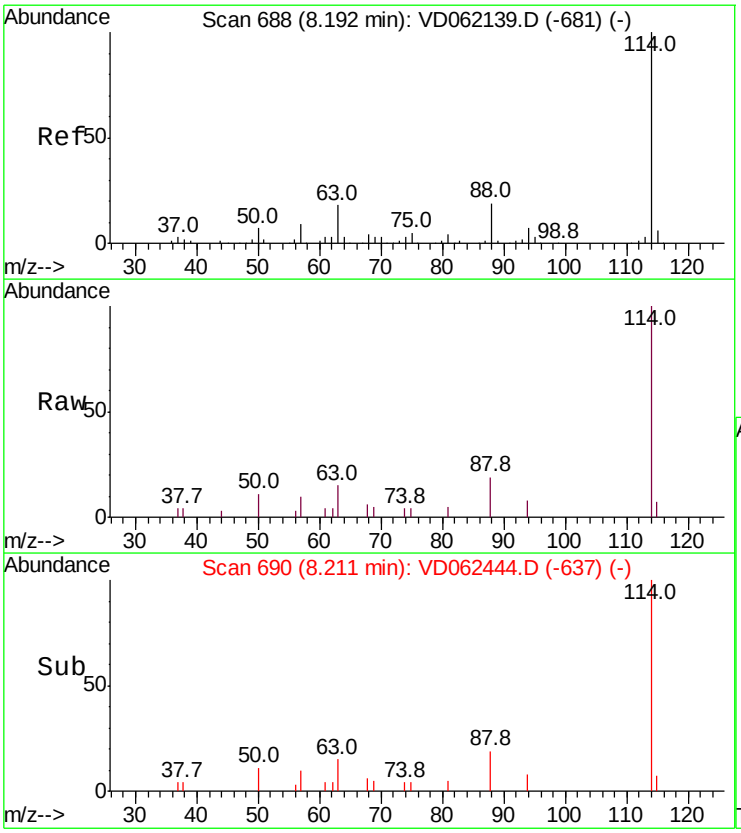
#33
1,2-Dichloroethane-d4
Concen: 69.069 ug/l
RT: 7.44 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP-18-S2

Tgt Ion: 65 Resp: 11741

Ion	Ratio	Lower	Upper
65	100		
67	34.9	0.0	98.0

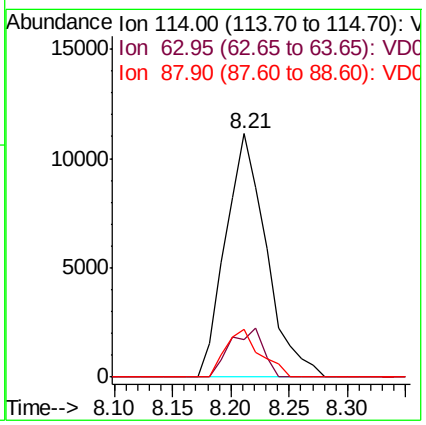


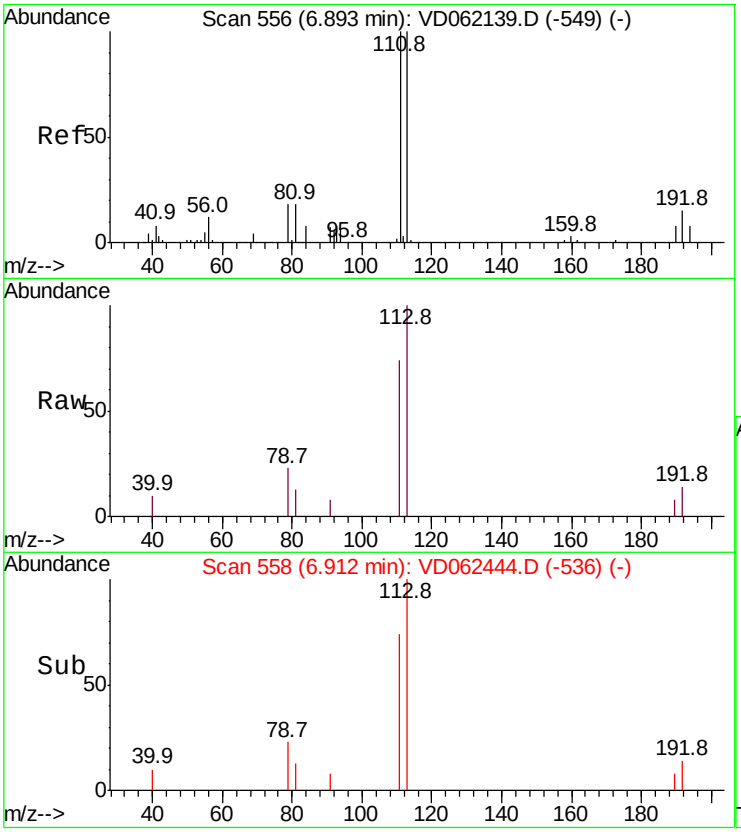


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 690
Delta R.T. 0.02 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Tgt Ion:114 Resp: 26943

Ion	Ratio	Lower	Upper
114	100		
63	15.3	0.0	32.4
88	19.4	0.0	33.6



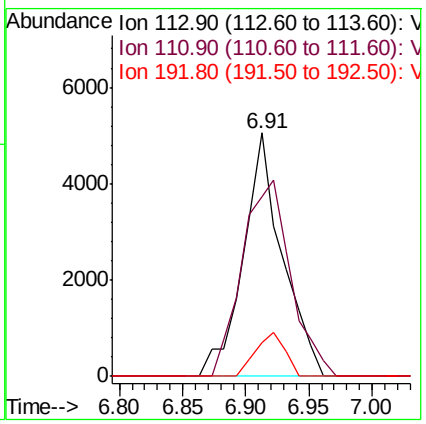


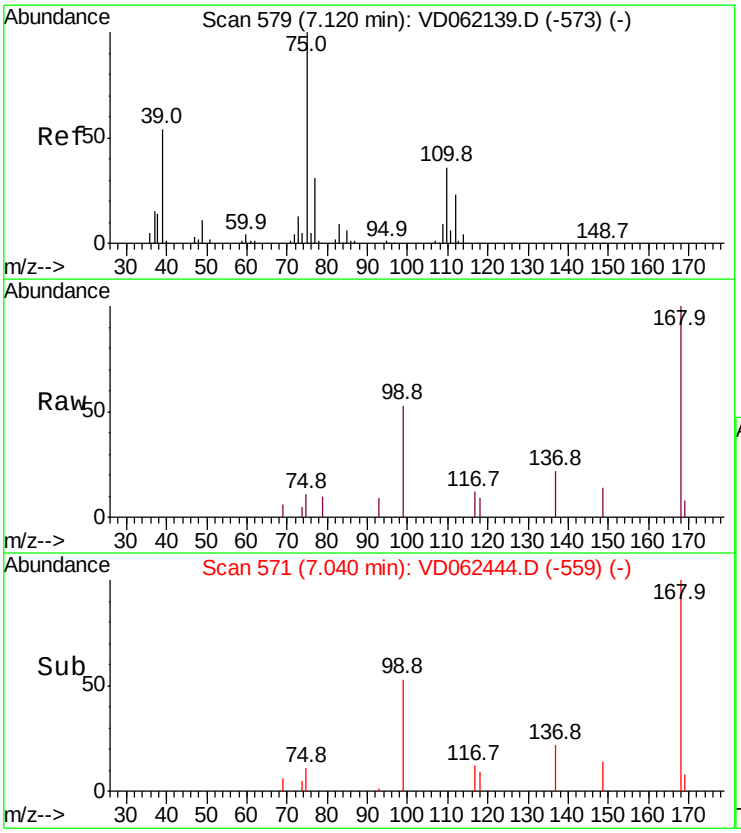
#35
Dibromofluoromethane
Concen: 48.687 ug/l
RT: 6.91 min Scan# 558
Delta R.T. 0.02 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP-18-S2

Tgt Ion:113 Resp: 10884

Ion	Ratio	Lower	Upper
113	100		
111	74.0	78.5	117.7#
192	13.9	13.0	19.4

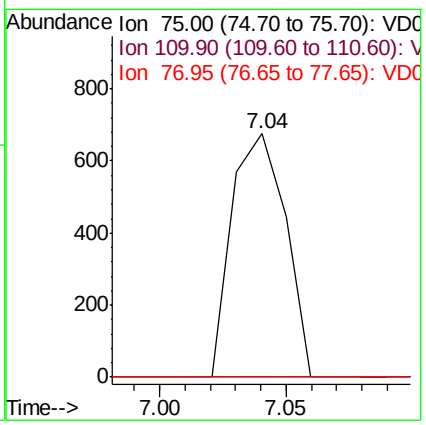


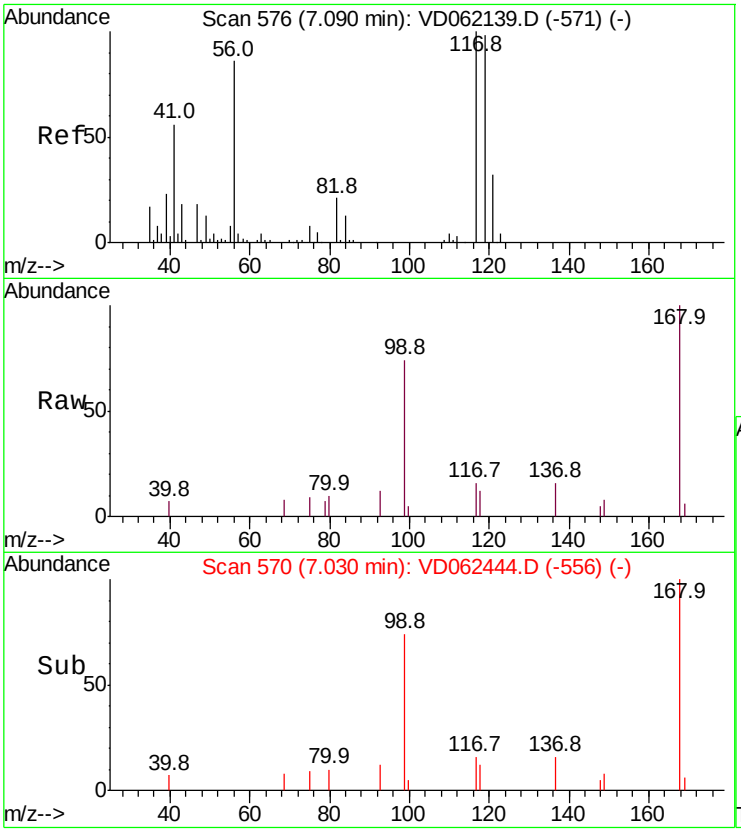


#36
1,1-Dichloropropene
Concen: 4.527 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Tgt Ion: 75 Resp: 1000

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



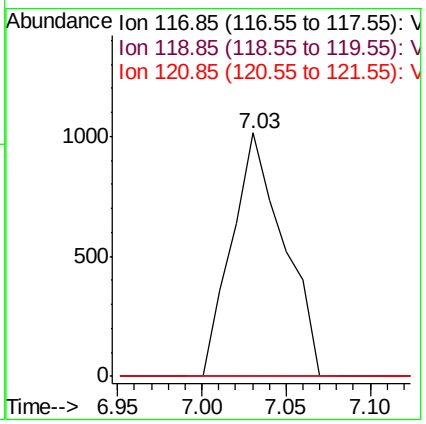


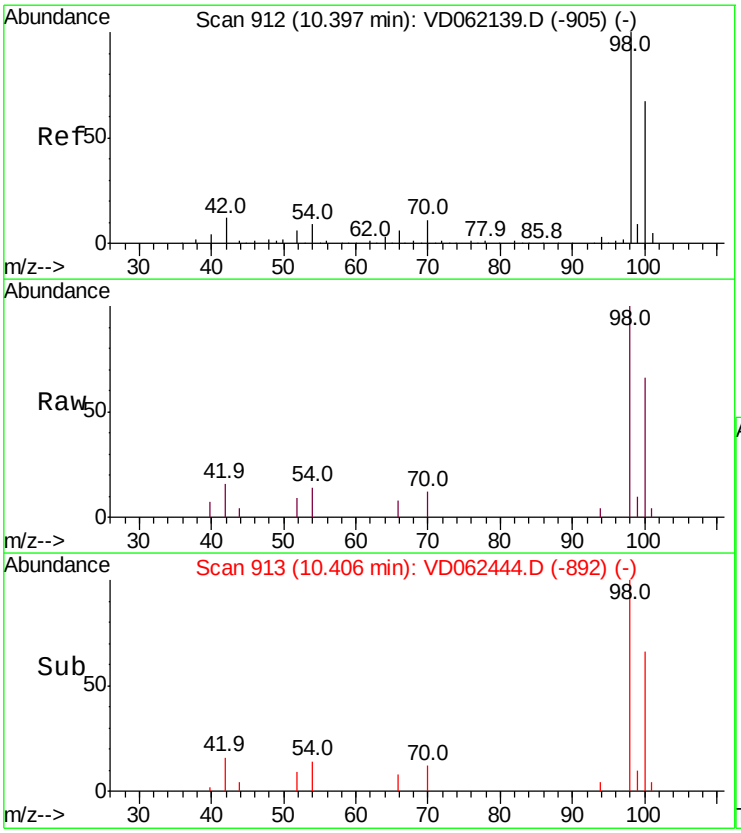
#38
Carbon Tetrachloride
Concen: 7.064 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.06 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Instrument : MSVOA_D
ClientSampleId : TP-18-S2

Tgt Ion:117 Resp: 2160

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

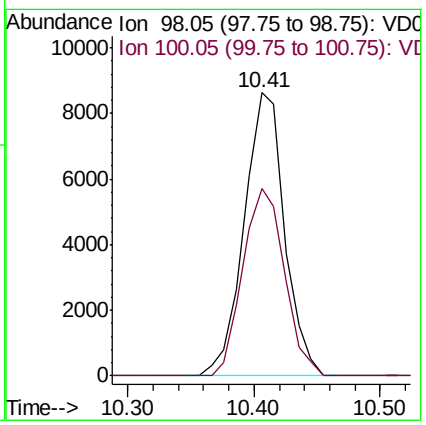


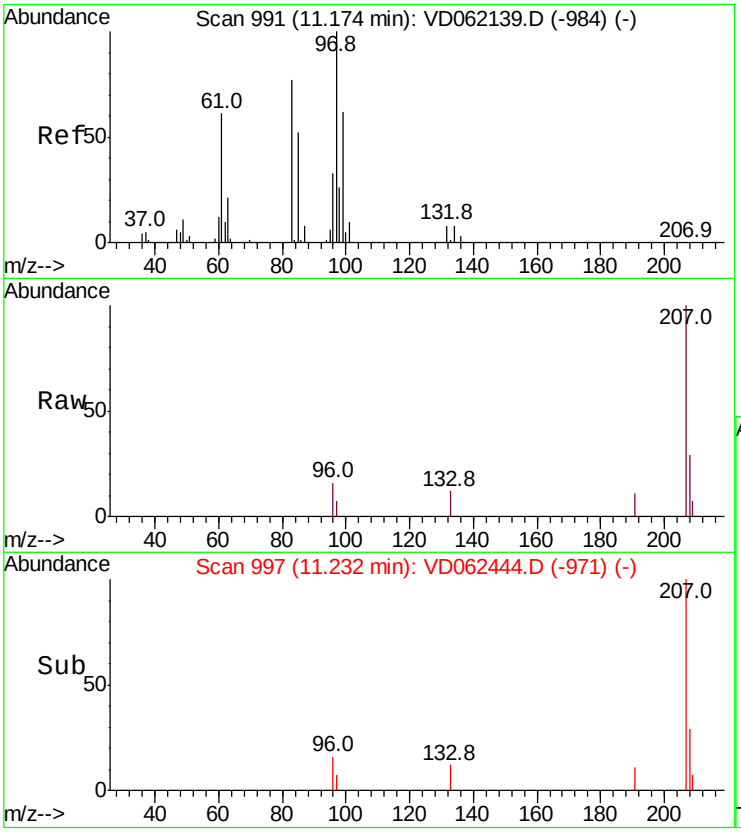


#50
Toluene-d8
Concen: 35.674 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Tgt Ion: 98 Resp: 19228

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.8	80.8



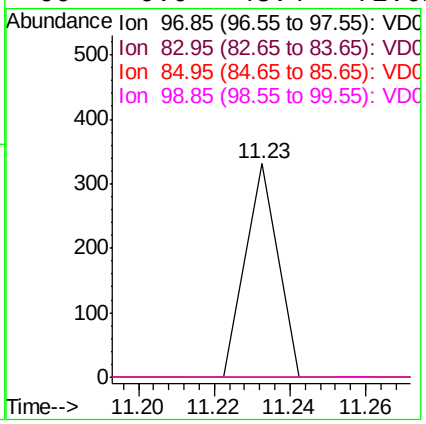


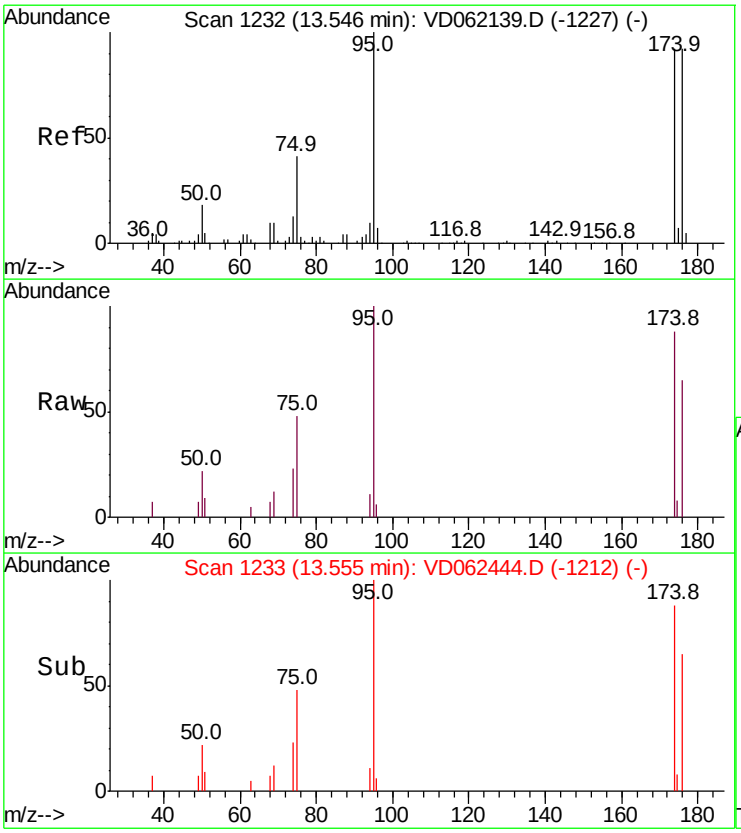
#55
1,1,2-Trichloroethane
Concen: 1.698 ug/l
RT: 11.23 min Scan# 997
Delta R.T. 0.06 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Instrument : MSVOA_D
ClientSampleId : TP-18-S2

Tgt Ion: 97 Resp: 195

Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.7	98.5#
85	0.0	45.6	68.4#
99	0.0	48.4	72.6#

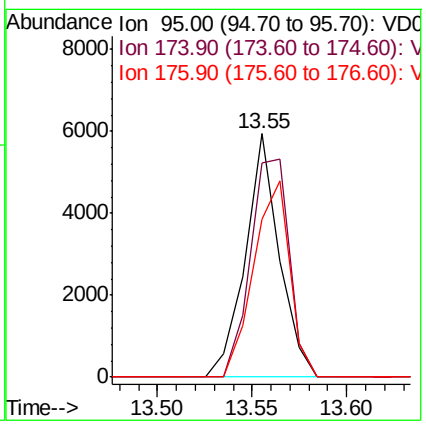


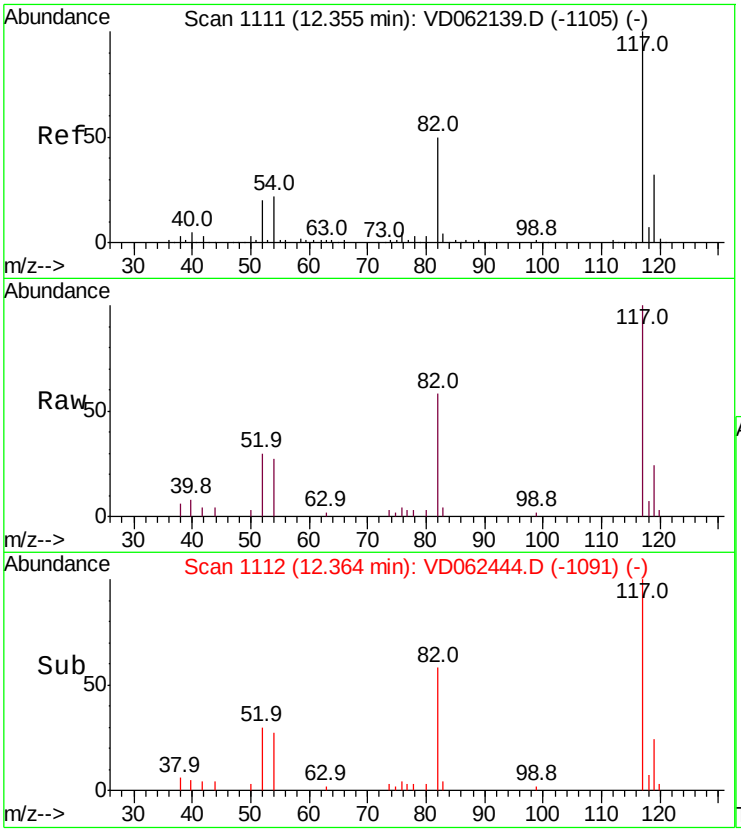


#62
4-Bromofluorobenzene
Concen: 34.134 ug/l
RT: 13.55 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Tgt Ion: 95 Resp: 7388

Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	181.8
176	65.0	0.0	174.4



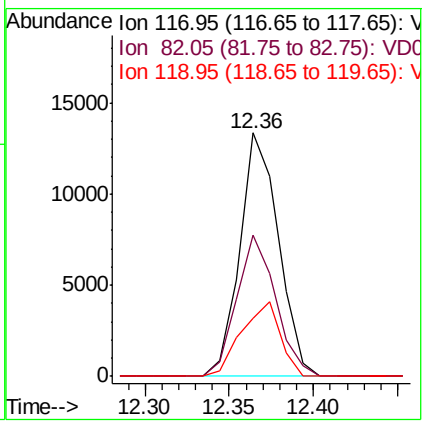


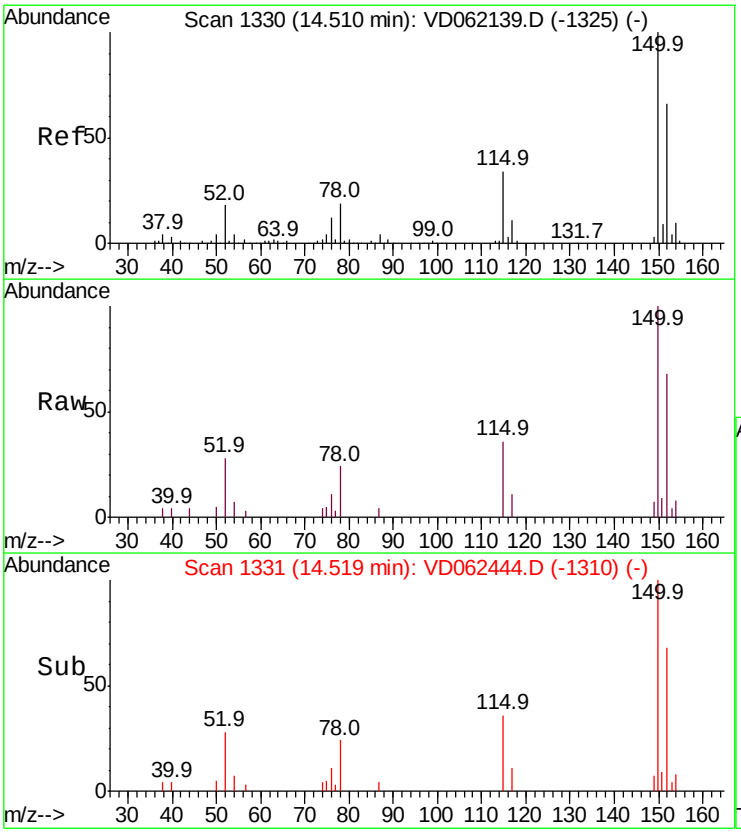
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Instrument : MSVOA_D
ClientSampleId : TP-18-S2

Tgt Ion:117 Resp: 21172

Ion	Ratio	Lower	Upper
117	100		
82	61.5	36.2	54.2#
119	23.8	26.2	39.4#

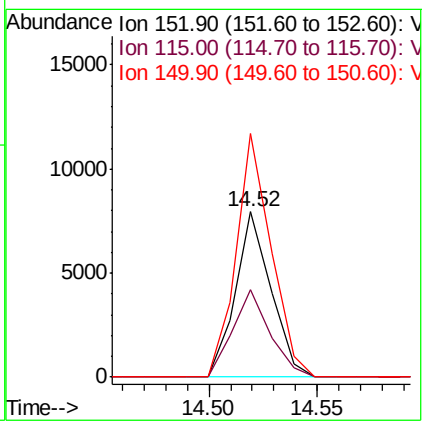


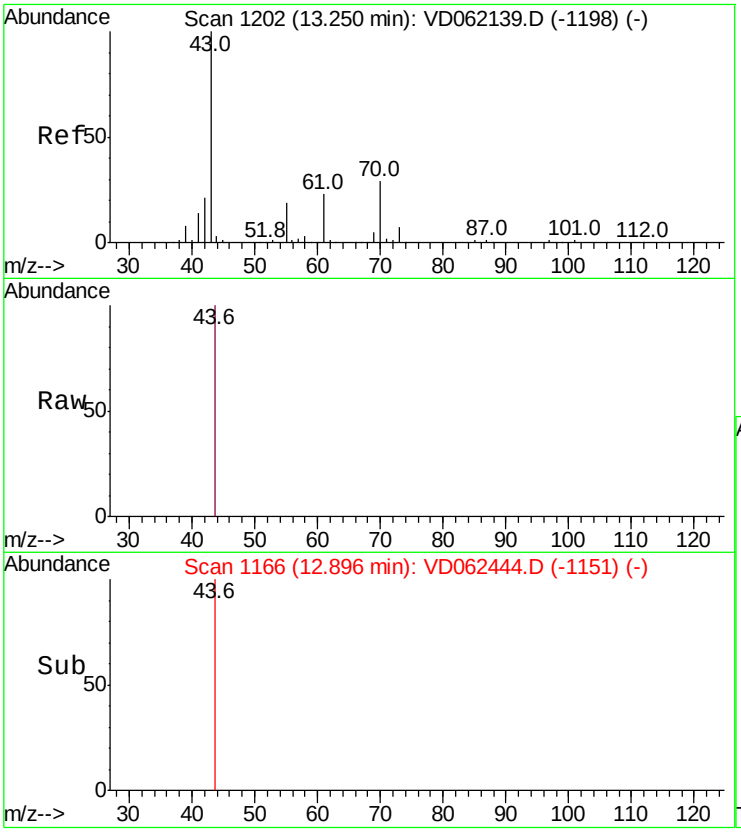


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Tgt Ion:152 Resp: 9058

Ion	Ratio	Lower	Upper
152	100		
115	52.8	30.9	92.7
150	147.1	0.0	314.8



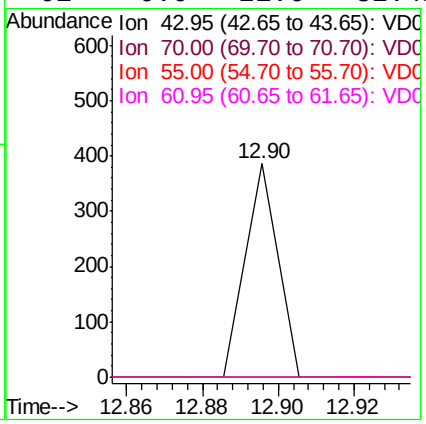


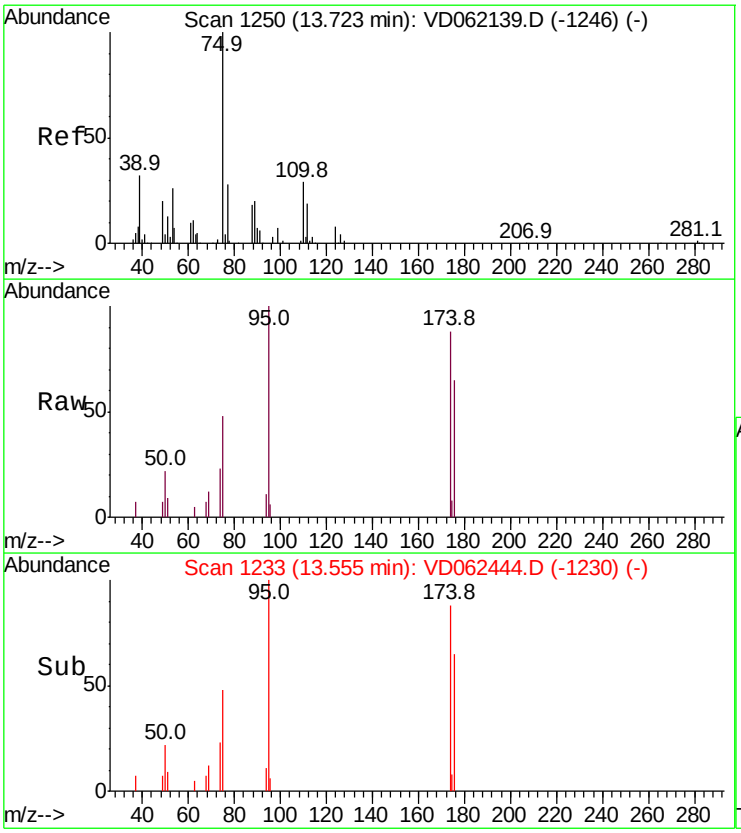
#74
N-amyl acetate
Concen: 1.602 ug/l
RT: 12.90 min Scan# 1166
Delta R.T. -0.35 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Instrument : MSVOA_D
ClientSampleId : TP-18-S2

Tgt Ion: 43 Resp: 228

Ion	Ratio	Lower	Upper
43	100		
70	0.0	24.2	36.4#
55	0.0	16.0	24.0#
61	0.0	21.6	32.4#

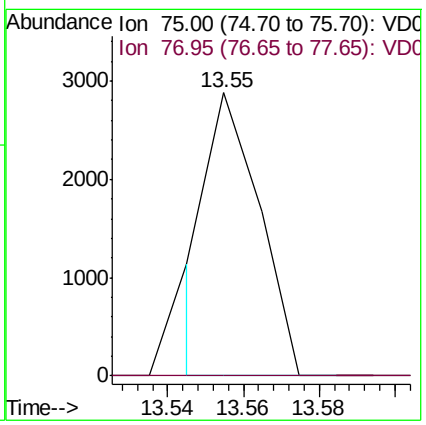


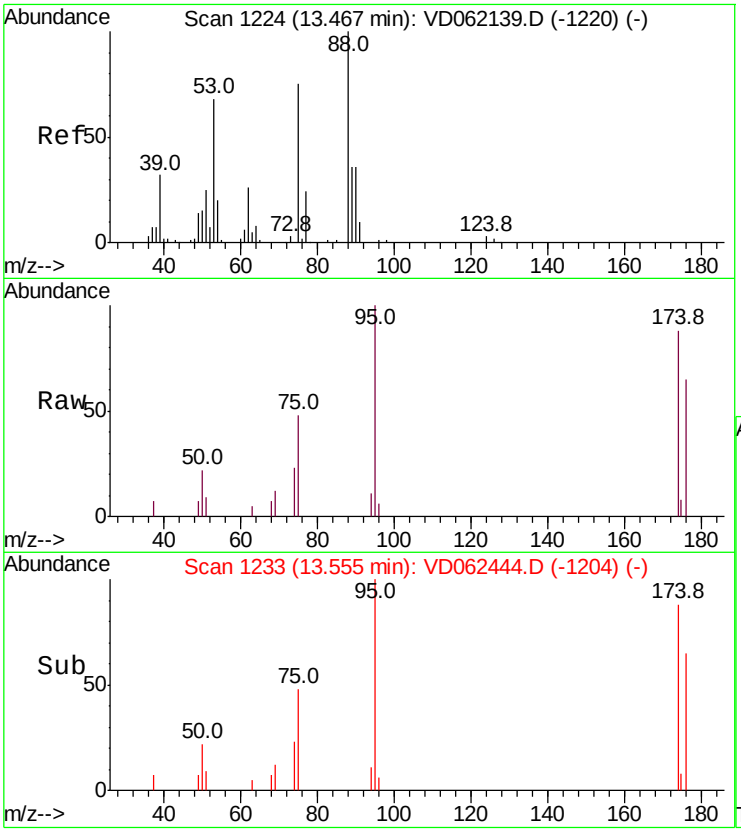


#76
1,2,3-Trichloropropane
Concen: 24.933 ug/l
RT: 13.55 min Scan# 1233
Delta R.T. -0.17 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Tgt Ion: 75 Resp: 2684

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.4	49.4#



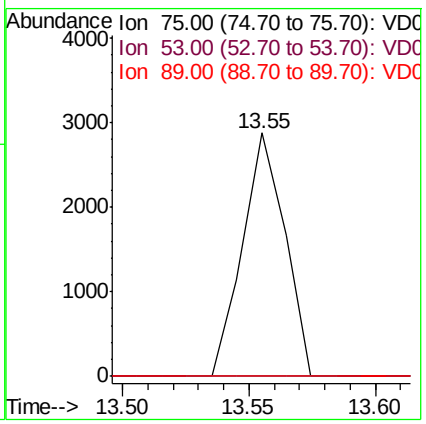


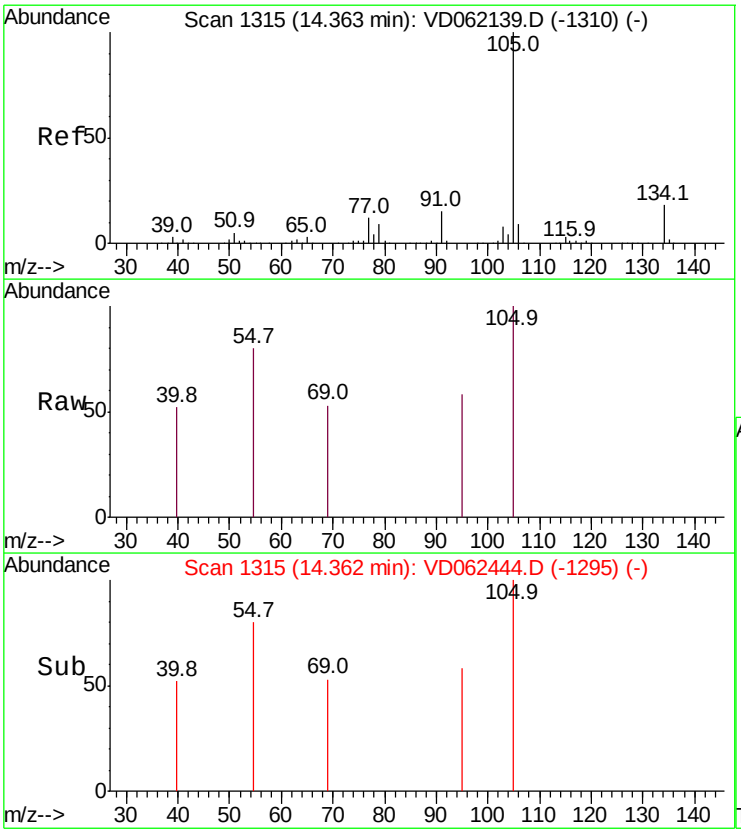
#81
trans-1,4-Dichloro-2-butene
Concen: 110.466 ug/l
RT: 13.55 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Instrument : MSVOA_D
ClientSampleId : TP-18-S2

Tgt Ion: 75 Resp: 3357

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

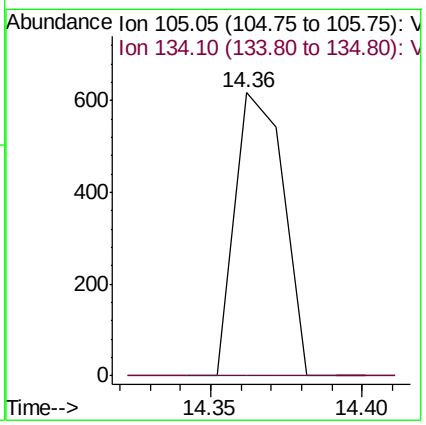


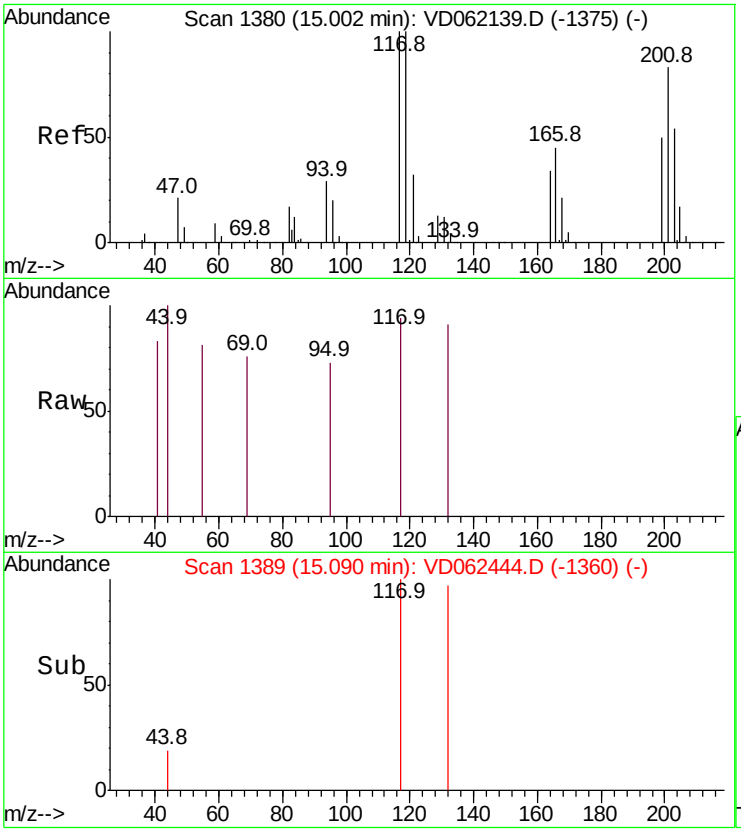


#85
sec-Butylbenzene
Concen: 1.214 ug/l
RT: 14.36 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Tgt Ion:105 Resp: 684

Ion	Ratio	Lower	Upper
105	100		
134	0.0	8.9	26.7#



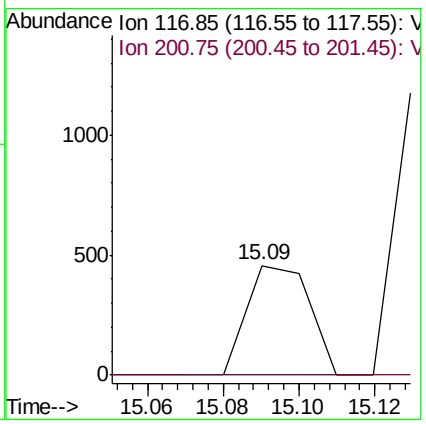


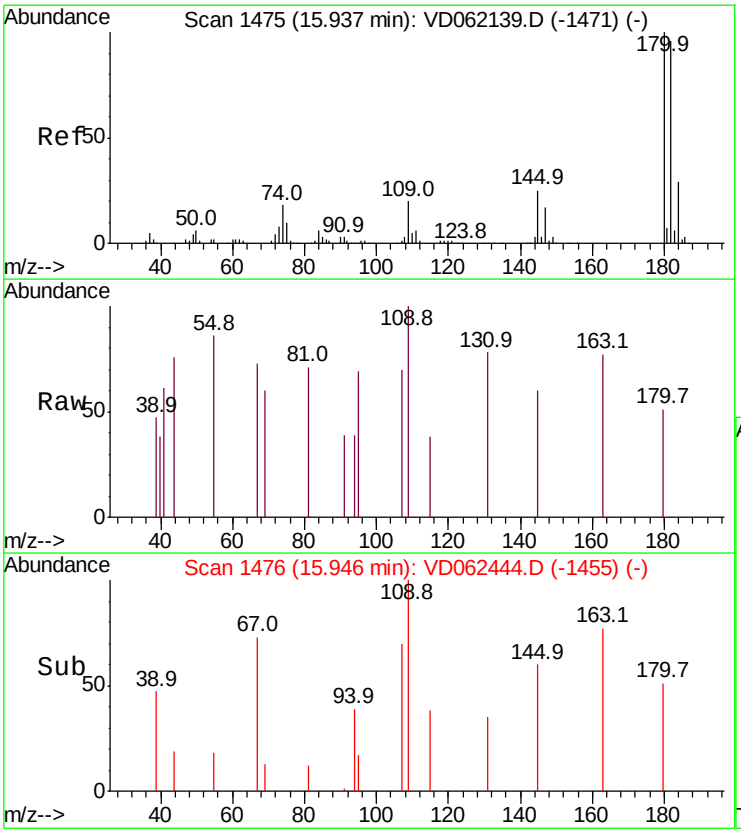
#90
Hexachloroethane
Concen: 3.806 ug/l
RT: 15.09 min Scan# 1389
Delta R.T. 0.09 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP-18-S2

Tgt Ion:117 Resp: 521

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.2	90.6#

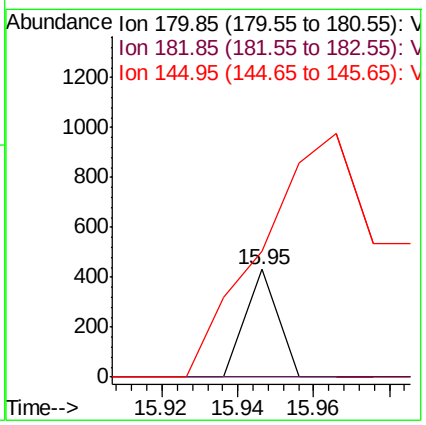


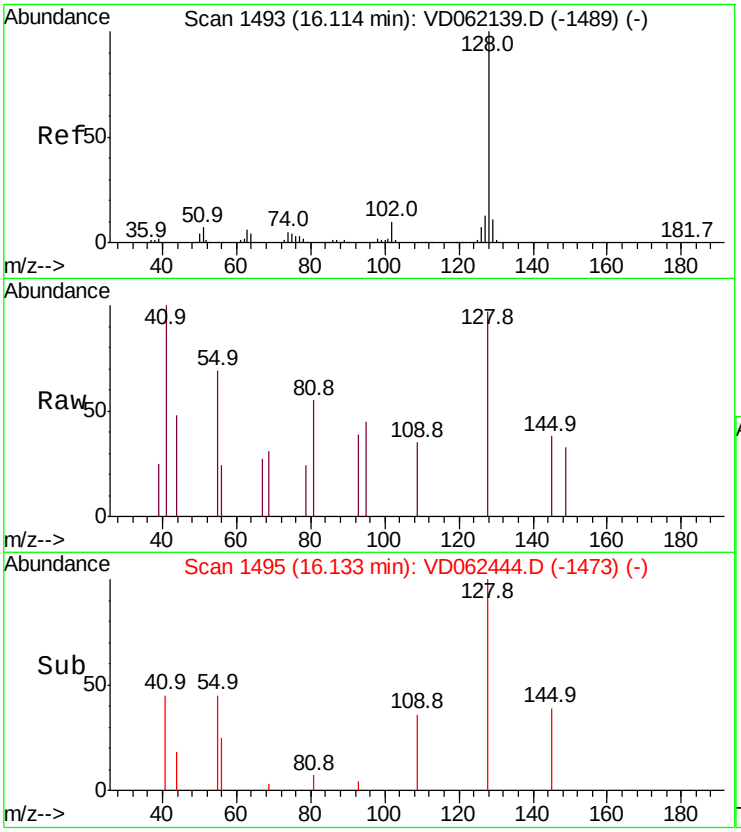


#93
1,2,4-Trichlorobenzene
Concen: 1.532 ug/l
RT: 15.95 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Tgt Ion:180 Resp: 255

Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.3	147.8#
145	116.5	16.2	48.6#





#95
Naphthalene
Concen: 7.613 ug/l
RT: 16.13 min Scan# 1495
Delta R.T. 0.02 min
Lab File: VD062444.D
Acq: 17 May 2019 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP-18-S2

Tgt Ion:128 Resp: 1769

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.8#
129	0.0	8.8	13.2#