Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050819\
Data File : VD062169.D
Acq On : 8 May 2019 12:58
Operator : FY/SY
Sample : K2672-15
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-08-1.5-2.0

Quant Time: May 09 01:23:53 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	7.02	168	15112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	28257	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	19732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	8064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	13543	96.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 192.86%			
35) Dibromofluoromethane	6.90	113	11265	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.10%			
50) Toluene-d8	10.38	98	21165	37.44	ug/l	-0.01
Spiked Amount 50.000			Recovery = 74.88%			
62) 4-Bromofluorobenzene	13.54	95	7324	32.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.52%			
Target Compounds						Qvalue
3) Chloromethane	1.73	50	190	1.819	ug/l #	43
5) Bromomethane	2.17	94	1141	47.443	ug/l #	12
10) Methyl Iodide	3.30	142	3692	16.183	ug/l #	82
16) Acetone	3.19	43	1136	38.572	ug/l #	50
20) Methylene Chloride	3.80	84	1464	11.905	ug/l #	50
36) 1,1-Dichloropropene	7.01	75	672	2.901	ug/l #	40
37) Ethyl Acetate	6.23	43	181	1.842	ug/l #	64
38) Carbon Tetrachloride	7.01	117	730	2.277	ug/l #	12
55) 1,1,2-Trichloroethane	11.18	97	202	1.677	ug/l #	16
70) Styrene	13.06	104	595	1.688	ug/l #	31
73) Isopropylbenzene	13.38	105	654	1.353	ug/l #	51
74) N-amyl acetate	12.93	43	178	1.405	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	13.69	83	190	2.076	ug/l #	25
78) n-propylbenzene	13.76	91	741	1.285	ug/l #	1
79) 2-Chlorotoluene	13.83	91	422	1.278	ug/l #	38
81) trans-1,4-Dichloro-2-buten	13.54	75	2928	108.226	ug/l #	16
82) 4-Chlorotoluene	13.93	91	745	1.917	ug/l #	51
85) sec-Butylbenzene	14.36	105	784	1.563	ug/l #	60
87) 1,3-Dichlorobenzene	14.44	146	558	2.257	ug/l #	25
88) 1,4-Dichlorobenzene	14.53	146	934	3.846	ug/l #	25
89) n-Butylbenzene	14.78	91	583	1.449	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.93	180	299	2.018	ug/l #	48
95) Naphthalene	16.11	128	1235	5.970	ug/l #	70
96) 1,2,3-Trichlorobenzene	16.26	180	490	5.260	ug/l #	67

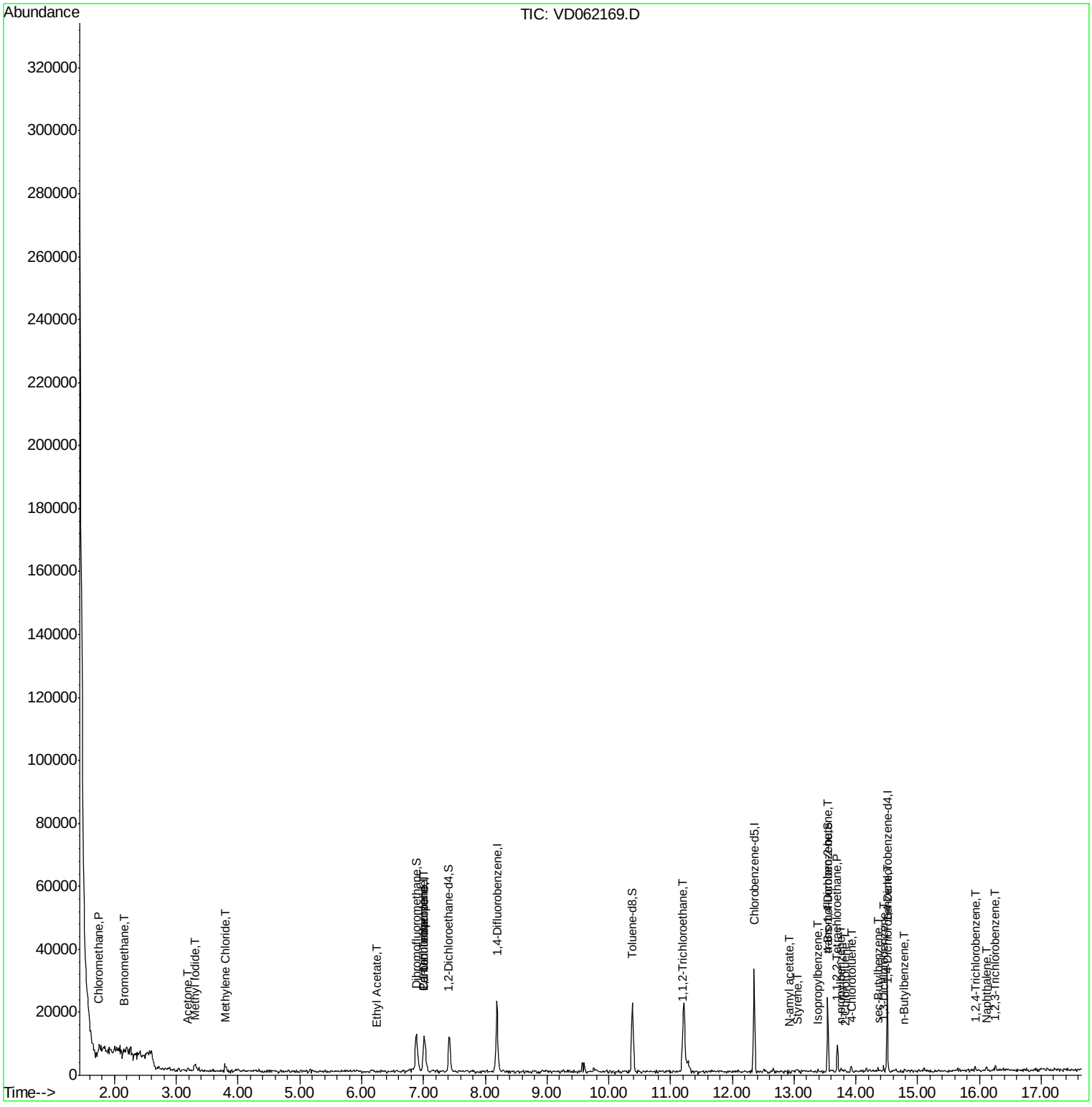
(#) = qualifier out of range (m) = manual integration (+) = signals summed

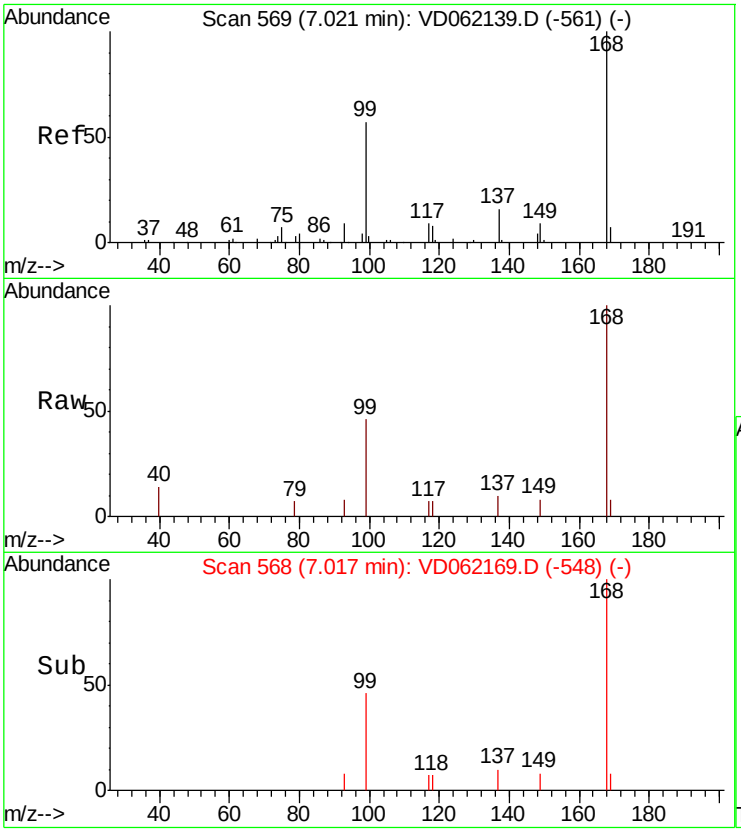
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050819\
Data File : VD062169.D
Acq On : 8 May 2019 12:58
Operator : FY/SY
Sample : K2672-15
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Quant Time: May 09 01:23:53 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



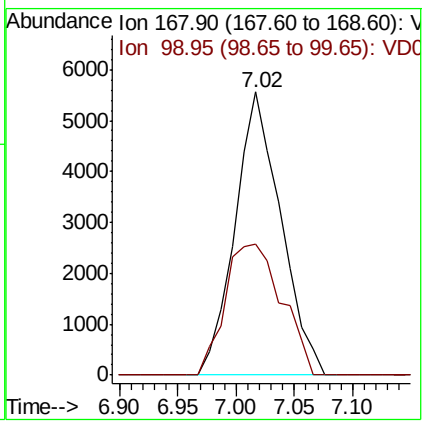


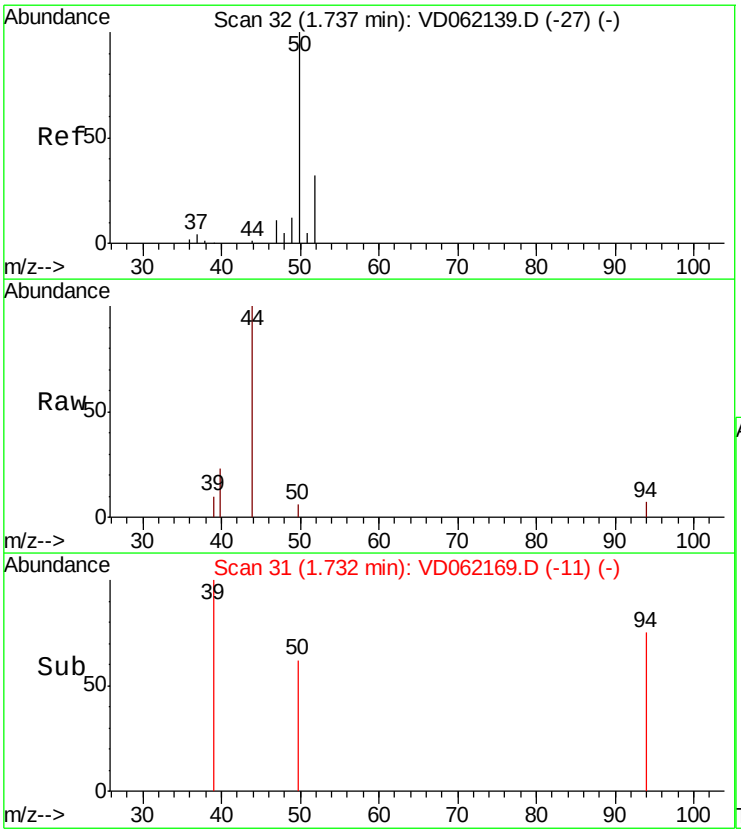
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion:168 Resp: 15112

Ion	Ratio	Lower	Upper
168	100		
99	46.5	46.5	69.7

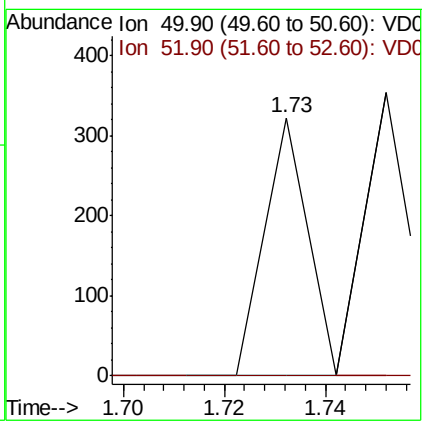


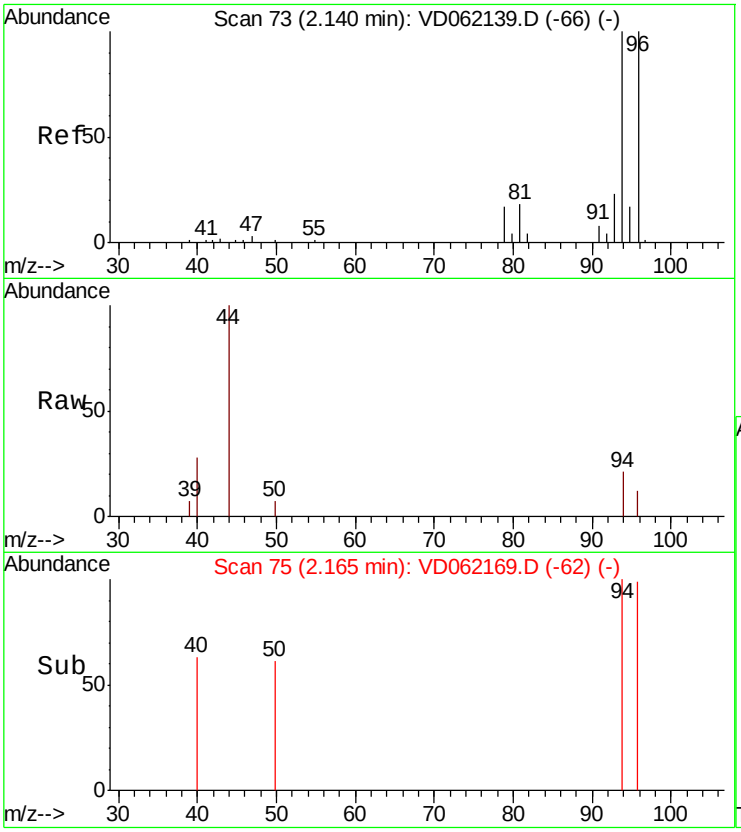


#3
Chloromethane
Concen: 1.819 ug/l
RT: 1.73 min Scan# 31
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion: 50 Resp: 190

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.2	37.8#



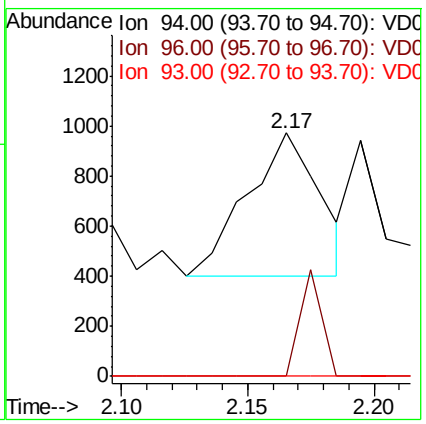


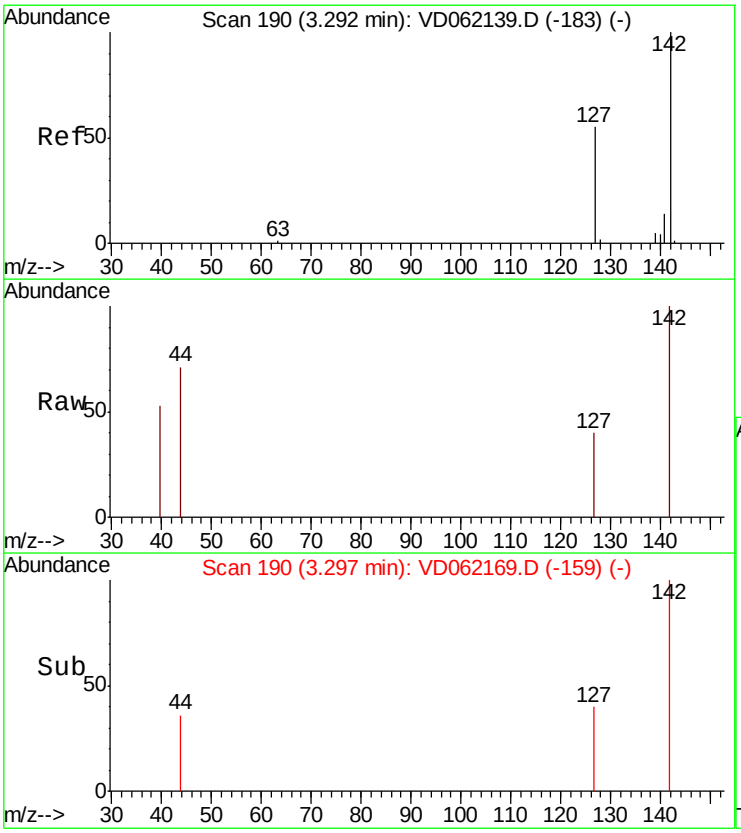
#5
Bromomethane
Concen: 47.443 ug/l
RT: 2.17 min Scan# 75
Delta R.T. 0.03 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion: 94 Resp: 1141

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

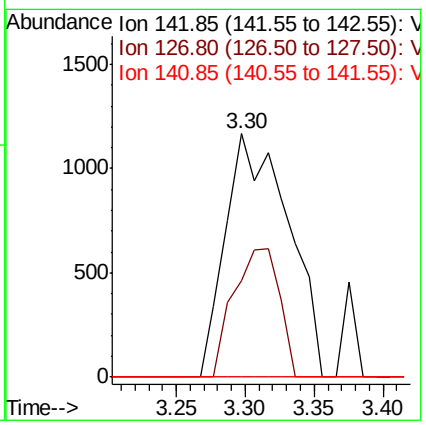


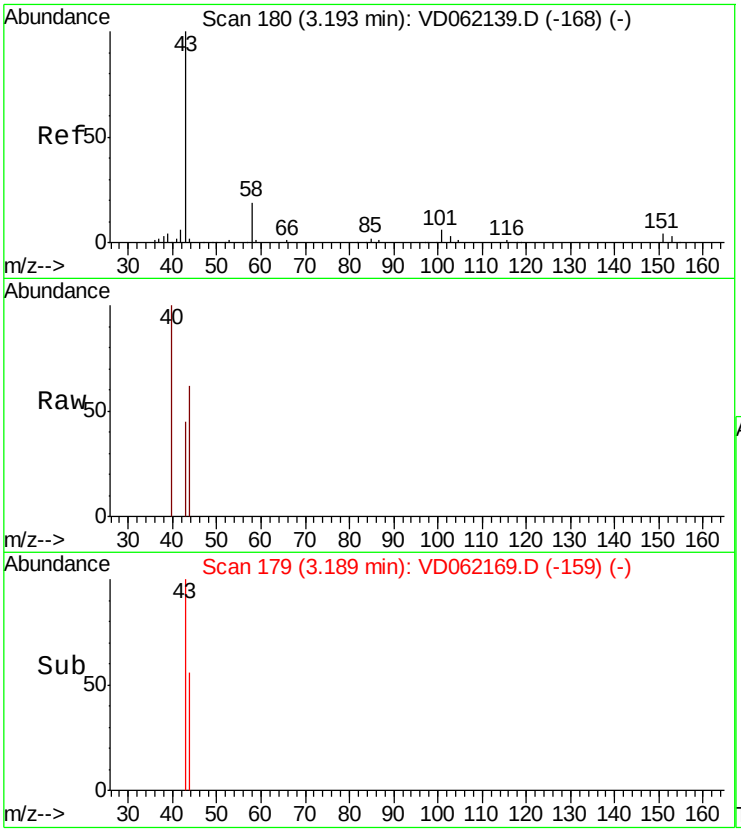


#10
Methyl Iodide
Concen: 16.183 ug/l
RT: 3.30 min Scan# 190
Delta R.T. 0.01 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion:142 Resp: 3692

Ion	Ratio	Lower	Upper
142	100		
127	39.8	38.8	58.2
141	0.0	11.4	17.0#



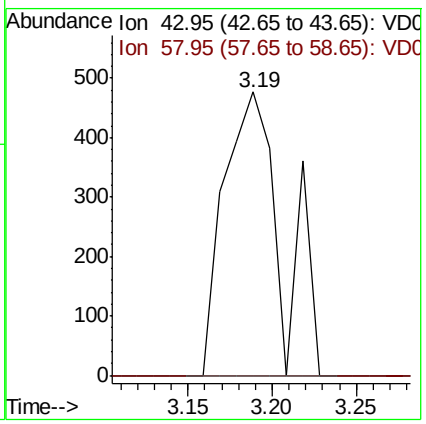


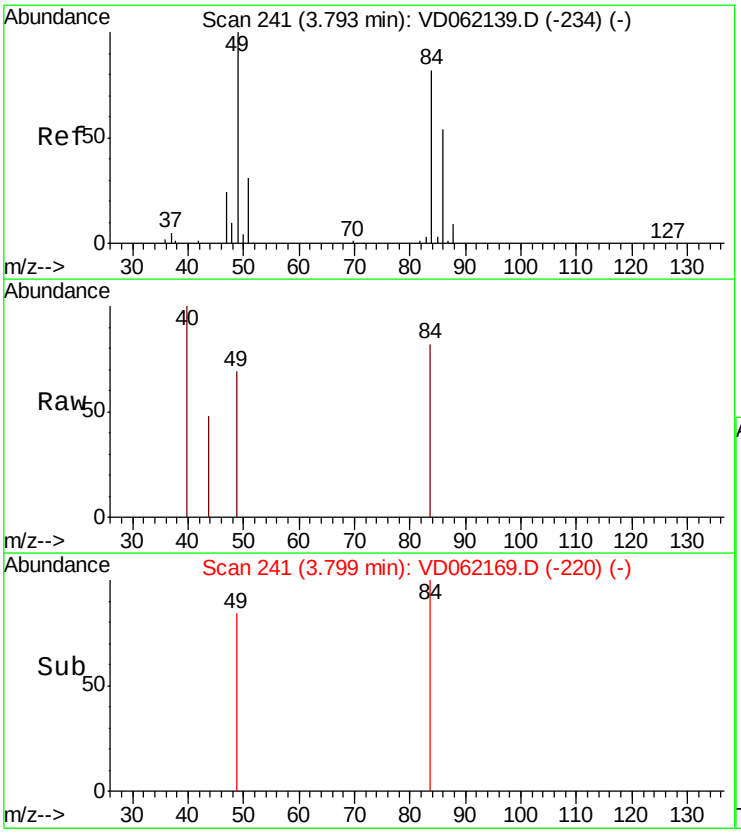
#16
Acetone
Concen: 38.572 ug/l
RT: 3.19 min Scan# 179
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion: 43 Resp: 1136

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#

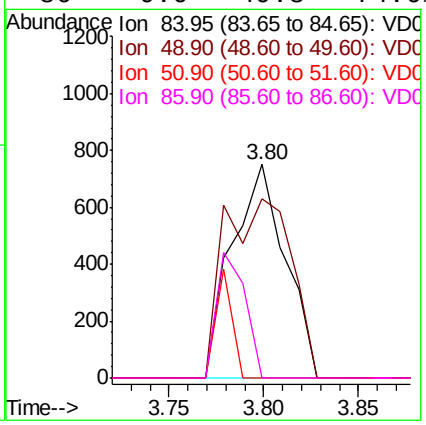


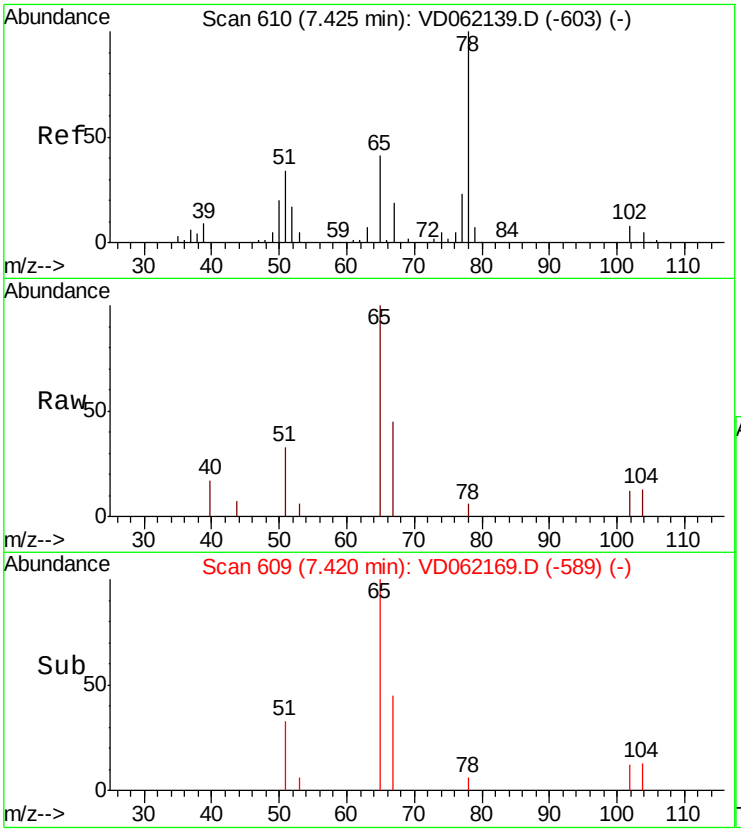


#20
Methylene Chloride
Concen: 11.905 ug/l
RT: 3.80 min Scan# 241
Delta R.T. 0.01 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion: 84 Resp: 1464

Ion	Ratio	Lower	Upper
84	100		
49	83.9	94.0	141.0#
51	0.0	29.0	43.4#
86	0.0	49.8	74.6#



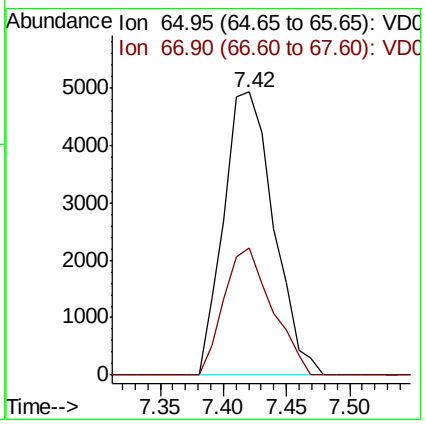


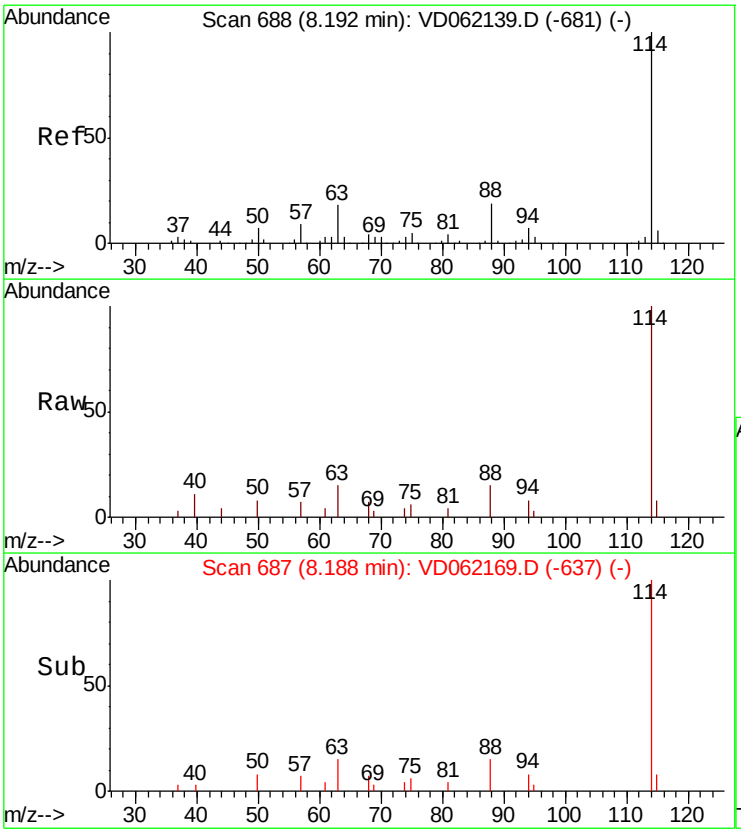
#33
1,2-Dichloroethane-d4
Concen: 96.434 ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion: 65 Resp: 13543

Ion	Ratio	Lower	Upper
65	100		
67	44.9	0.0	98.0

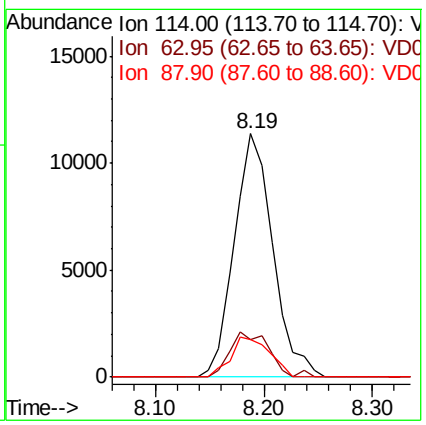


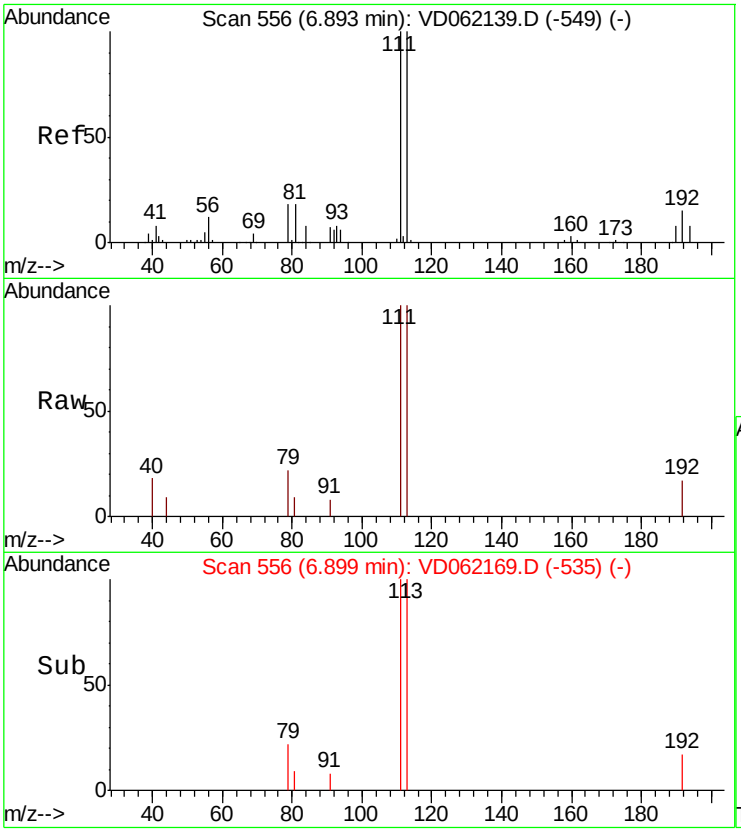


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.19 min Scan# 687
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion:114 Resp: 28257

Ion	Ratio	Lower	Upper
114	100		
63	15.2	0.0	32.4
88	15.4	0.0	33.6



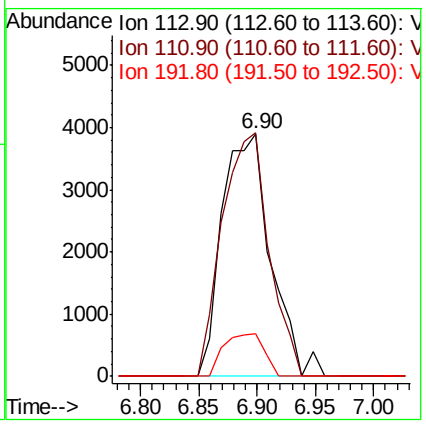


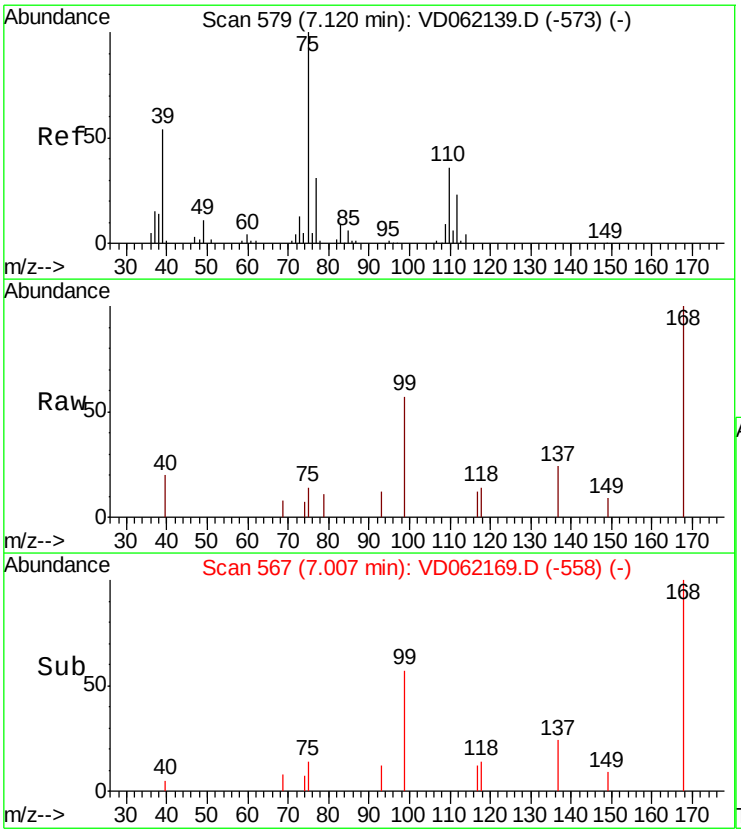
#35
Dibromofluoromethane
Concen: 48.048 ug/l
RT: 6.90 min Scan# 556
Delta R.T. 0.01 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion:113 Resp: 11265

Ion	Ratio	Lower	Upper
113	100		
111	100.3	78.5	117.7
192	17.5	13.0	19.4

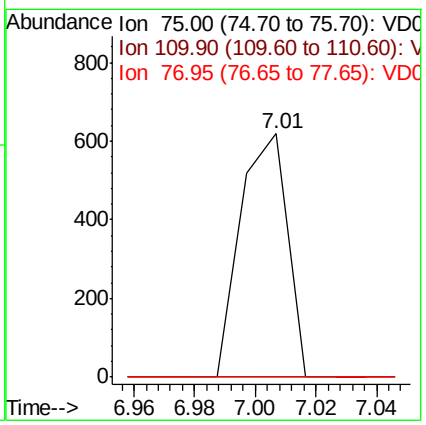


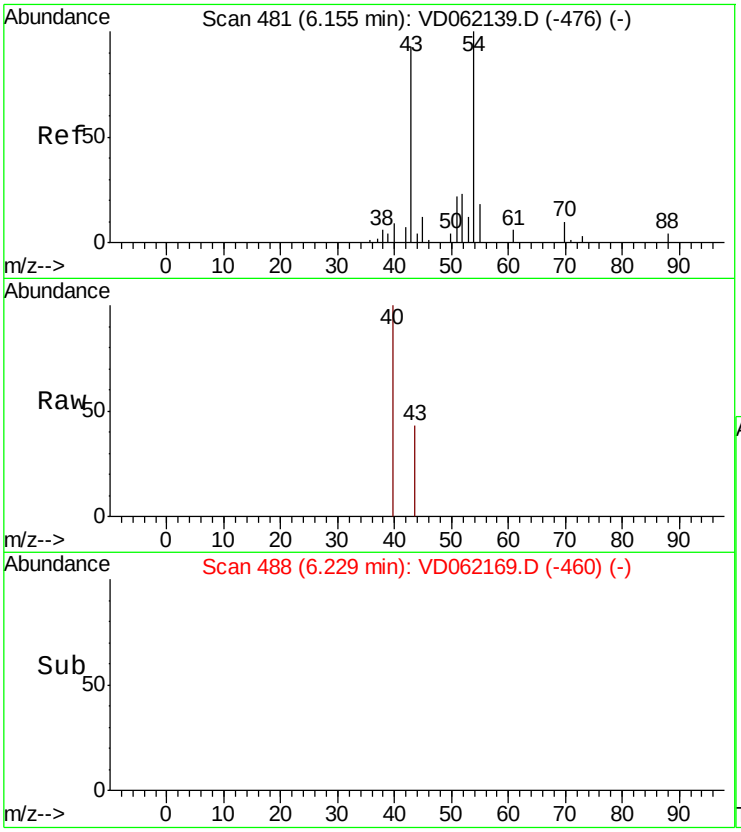


#36
1,1-Dichloropropene
Concen: 2.901 ug/l
RT: 7.01 min Scan# 567
Delta R.T. -0.11 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion: 75 Resp: 672

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



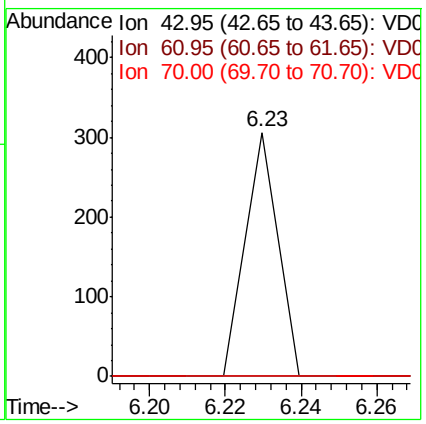


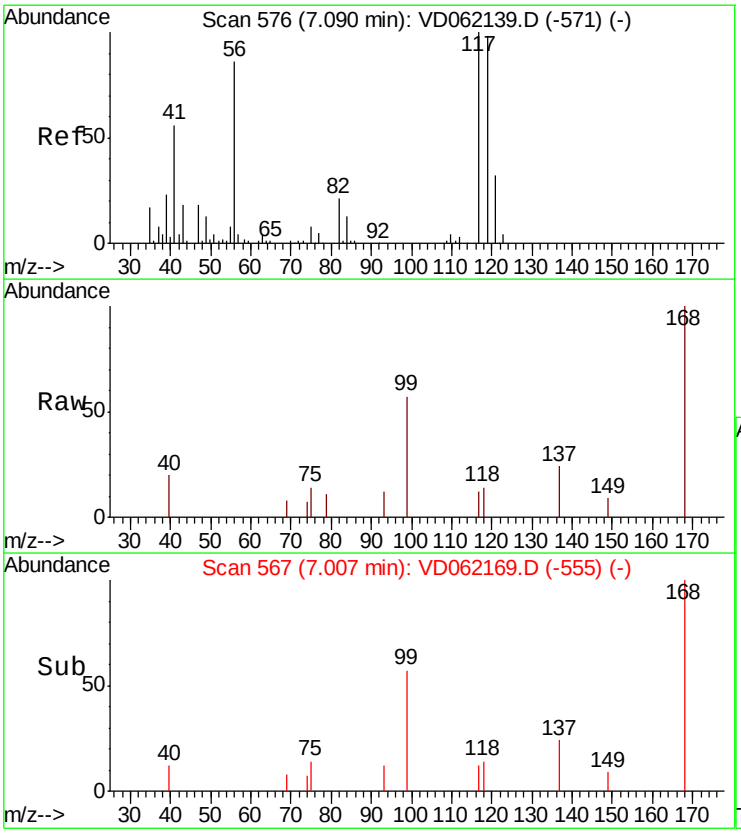
#37
Ethyl Acetate
Concen: 1.842 ug/l
RT: 6.23 min Scan# 488
Delta R.T. 0.07 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument : MSVOA_D
ClientSampleId : SB-08-1.5-2.0

Tgt Ion: 43 Resp: 181

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.7	22.1#
70	0.0	7.8	11.6#

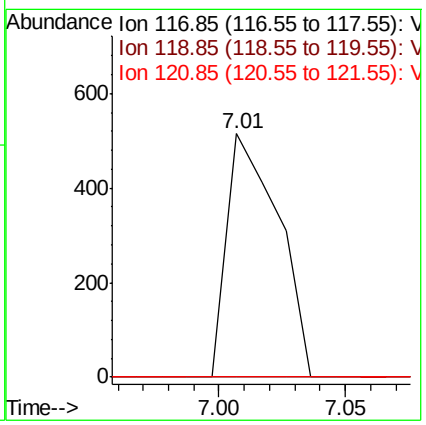


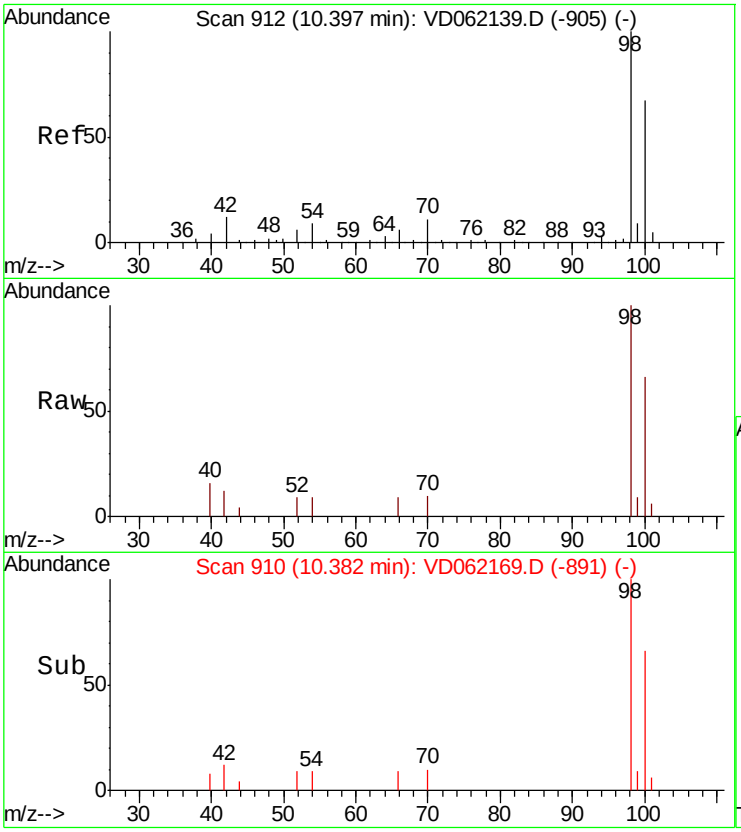


#38
Carbon Tetrachloride
Concen: 2.277 ug/l
RT: 7.01 min Scan# 567
Delta R.T. -0.08 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion:117 Resp: 730

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



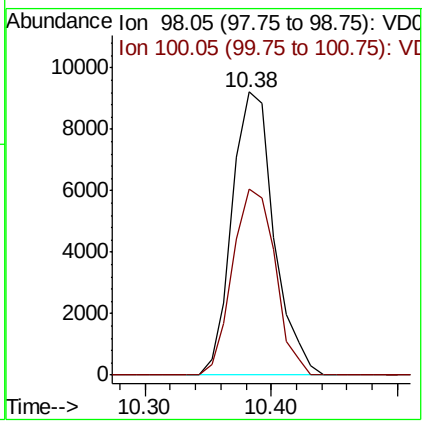


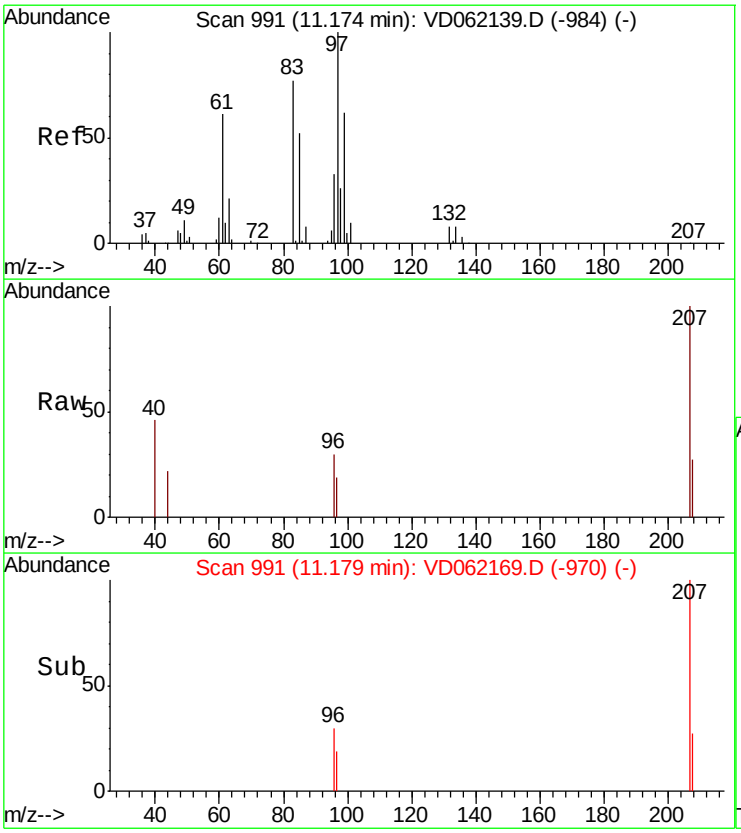
#50
Toluene-d8
Concen: 37.442 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.01 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion: 98 Resp: 21165

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.8	80.8

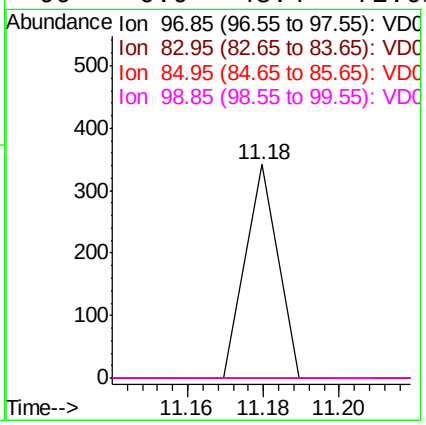


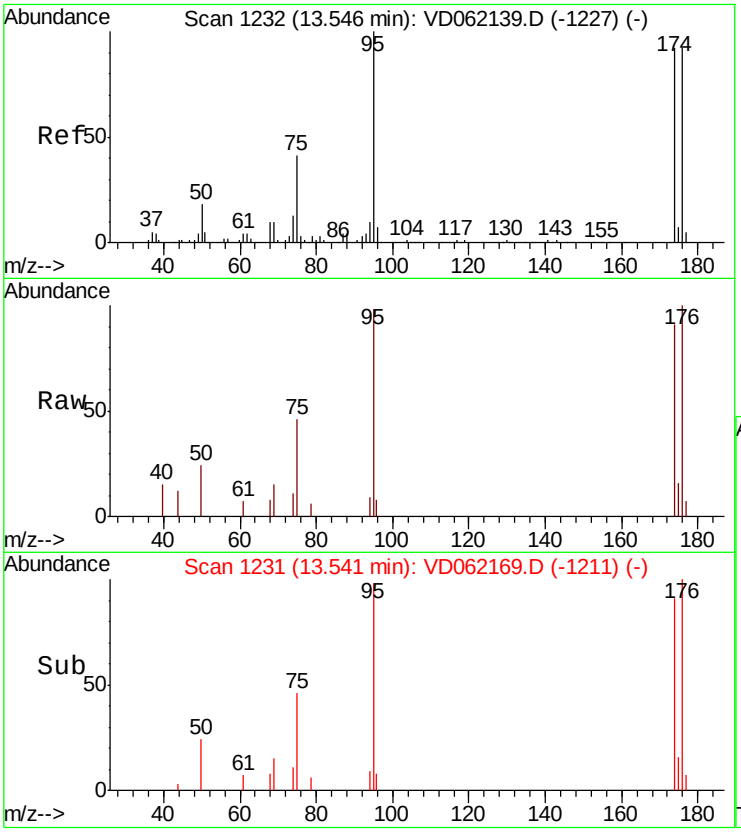


#55
1,1,2-Trichloroethane
Concen: 1.677 ug/l
RT: 11.18 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion: 97 Resp: 202

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#



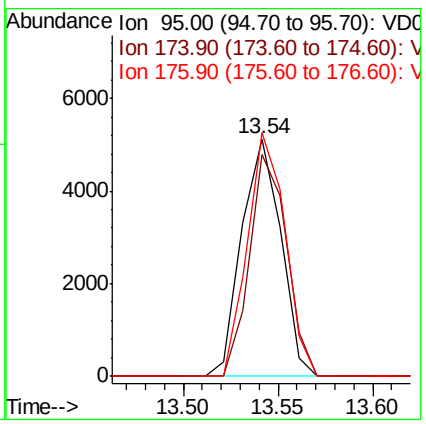


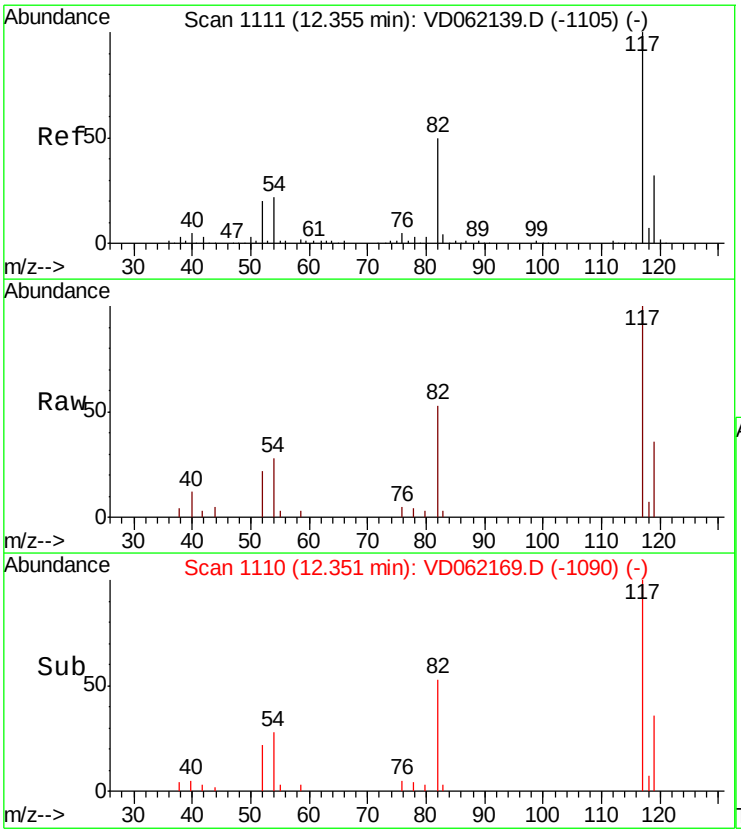
#62
4-Bromofluorobenzene
Concen: 32.265 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion: 95 Resp: 7324

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	181.8
176	102.5	0.0	174.4

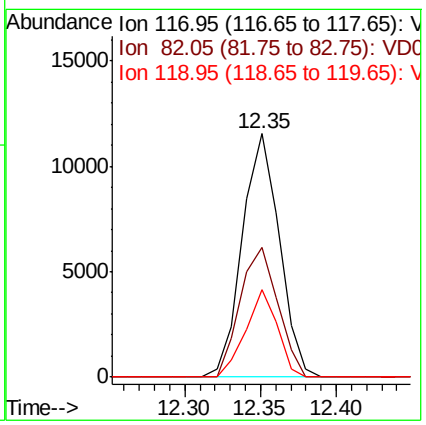


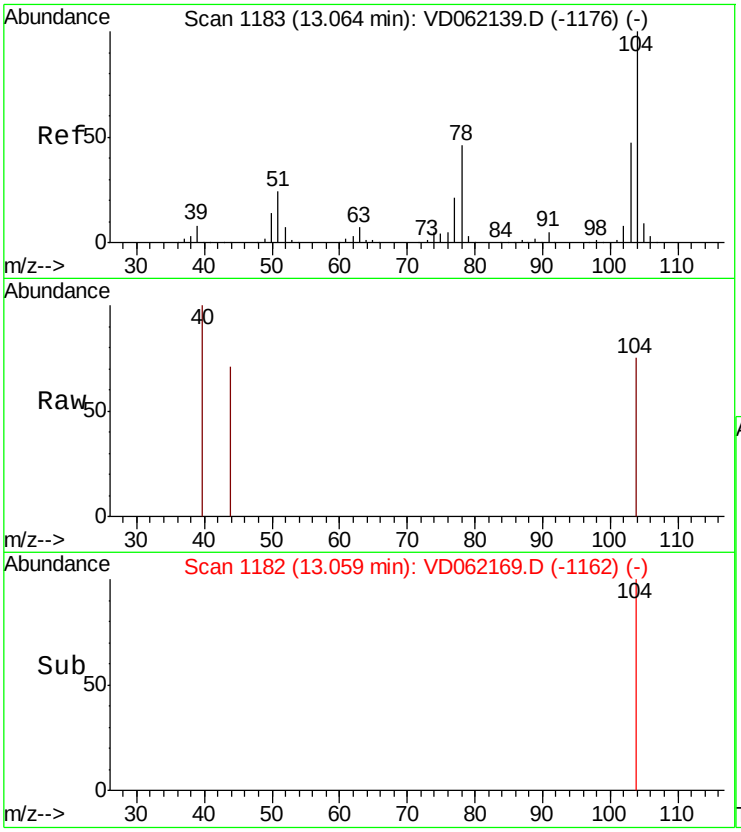


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion:117 Resp: 19732

Ion	Ratio	Lower	Upper
117	100		
82	53.1	36.2	54.2
119	36.0	26.2	39.4



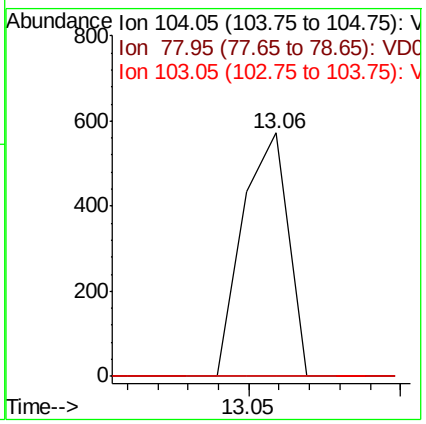


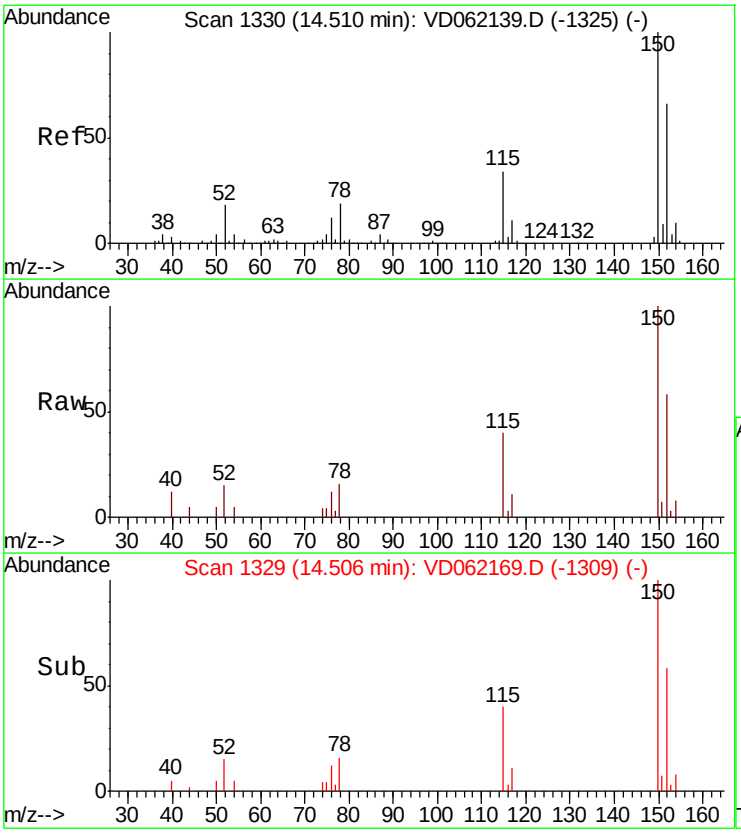
#70
Stvrene
Concen: 1.688 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion:104 Resp: 595

Ion	Ratio	Lower	Upper
104	100		
78	0.0	35.4	53.2#
103	0.0	37.5	56.3#

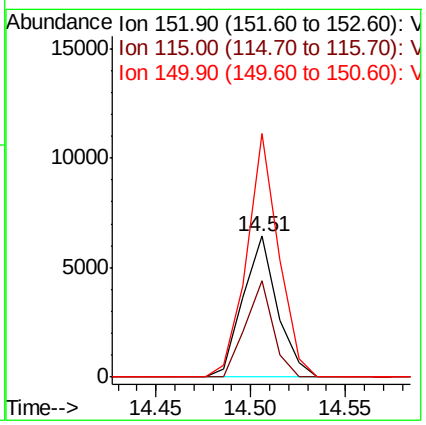


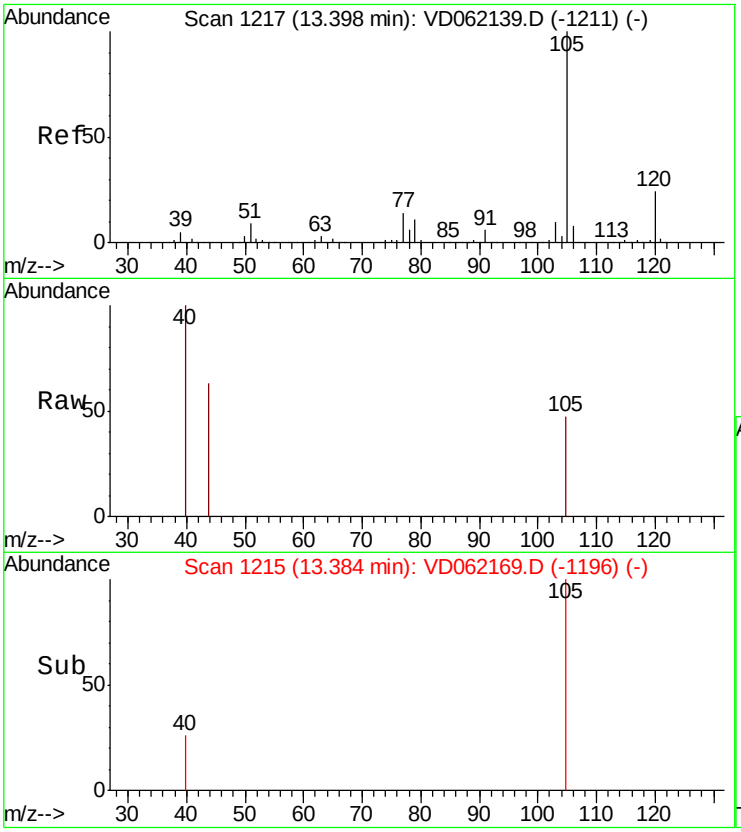


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion:152 Resp: 8064

Ion	Ratio	Lower	Upper
152	100		
115	68.5	30.9	92.7
150	173.1	0.0	314.8



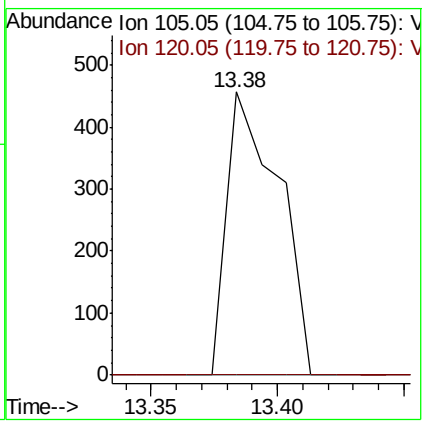


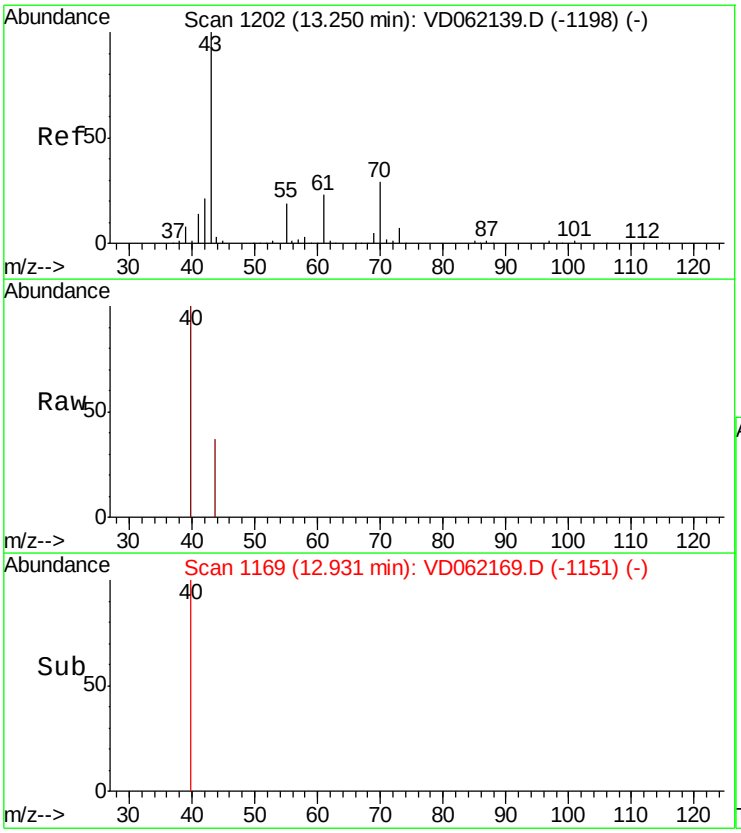
#73
Isopropylbenzene
Concen: 1.353 ug/l
RT: 13.38 min Scan# 1215
Delta R.T. -0.01 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion:105 Resp: 654

Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.0	36.1#

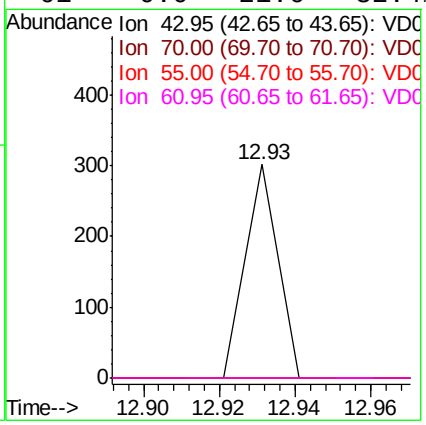


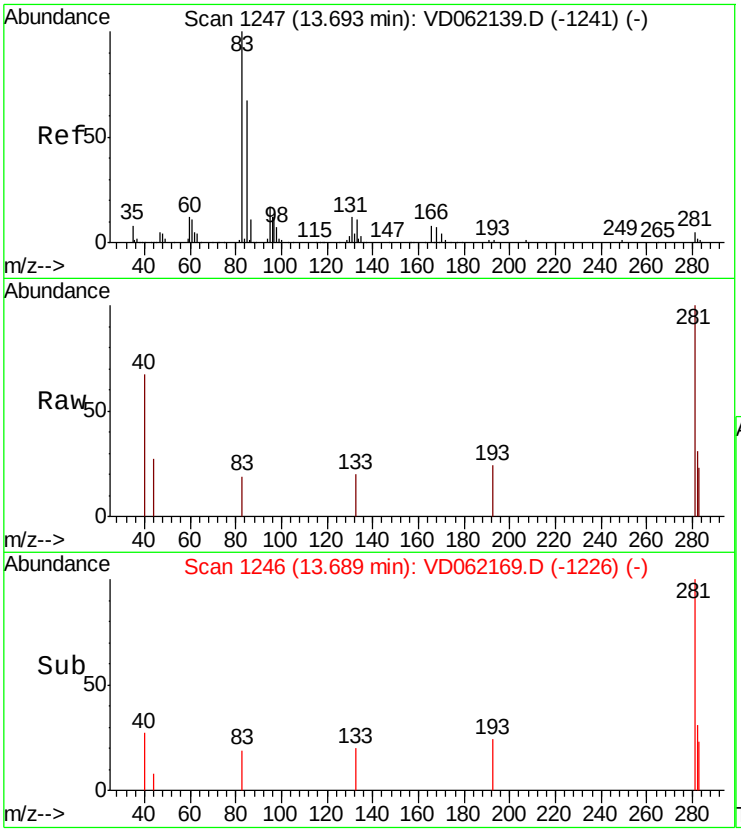


#74
N-amyl acetate
Concen: 1.405 ug/l
RT: 12.93 min Scan# 1169
Delta R.T. -0.32 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion: 43 Resp: 178

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#



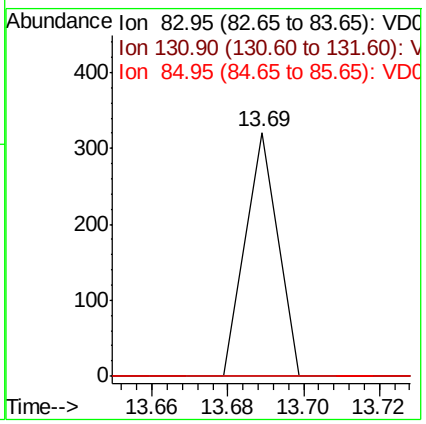


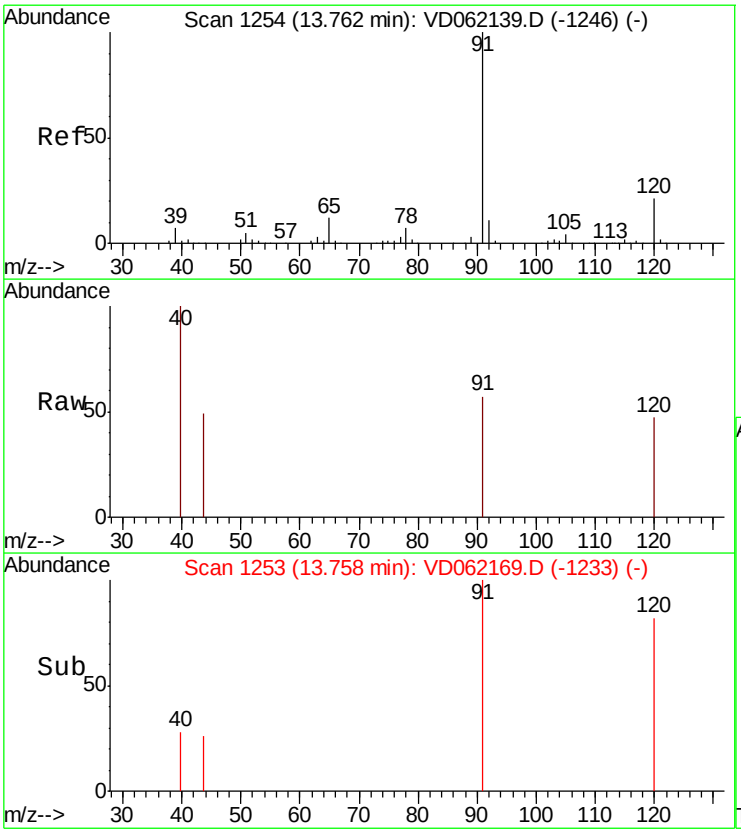
#75
1,1,2,2-Tetrachloroethane
Concen: 2.076 ug/l
RT: 13.69 min Scan# 1246
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion: 83 Resp: 190

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	0.0	32.6	97.7#

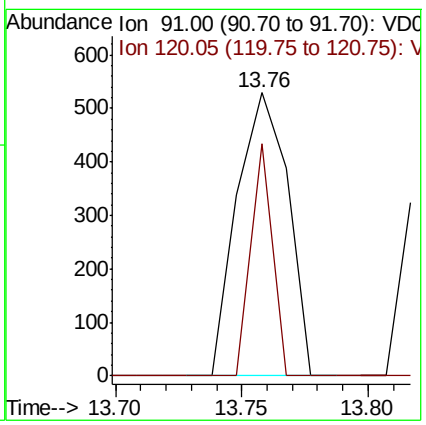


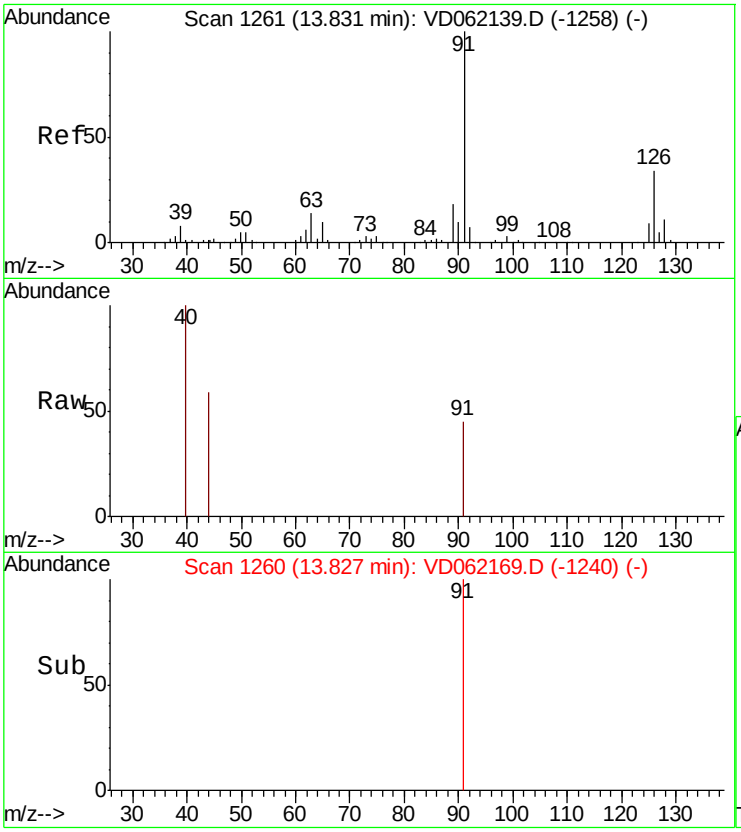


#78
n-propylbenzene
Concen: 1.285 ug/l
RT: 13.76 min Scan# 1253
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion: 91 Resp: 741

Ion	Ratio	Lower	Upper
91	100		
120	81.9	11.1	33.1#



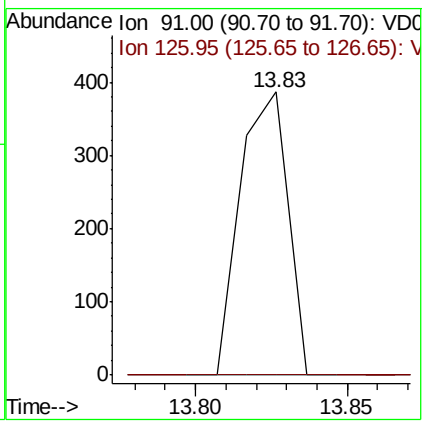


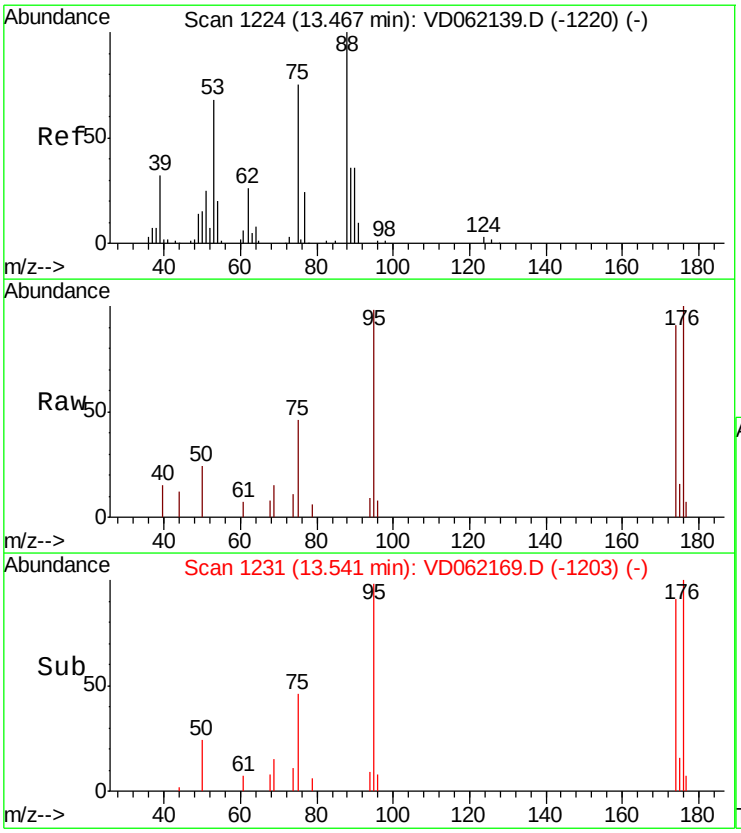
#79
2-Chlorotoluene
Concen: 1.278 ug/l
RT: 13.83 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion: 91 Resp: 422

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.6	55.8#

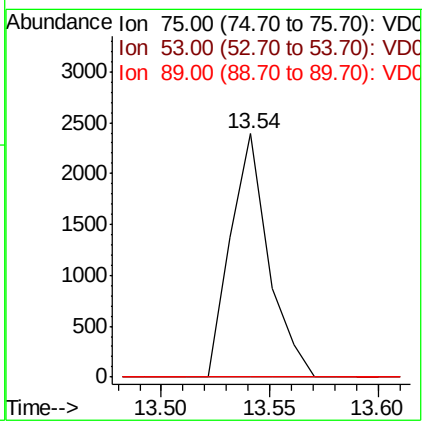


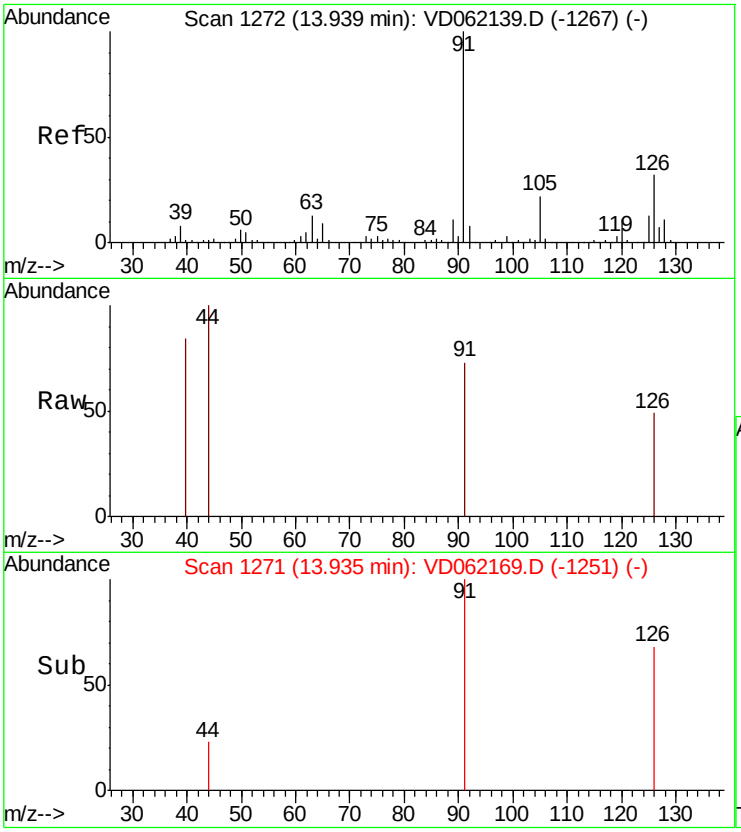


#81
trans-1,4-Dichloro-2-butene
Concen: 108.226 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.07 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion: 75 Resp: 2928

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



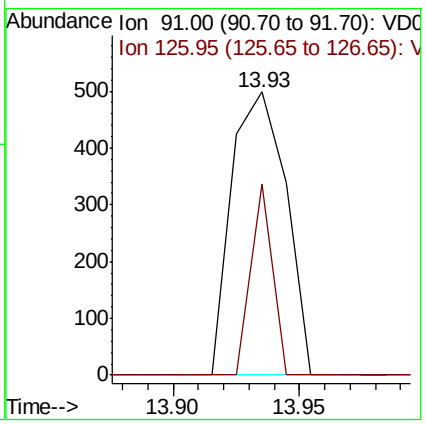


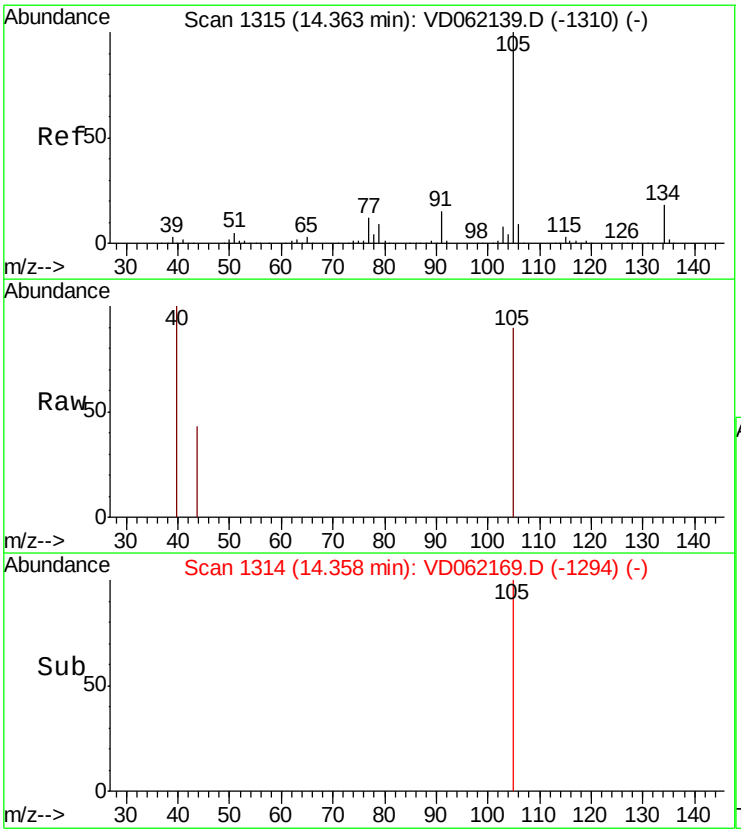
#82
4-Chlorotoluene
Concen: 1.917 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion: 91 Resp: 745

Ion	Ratio	Lower	Upper
91	100		
126	67.7	19.1	57.5#

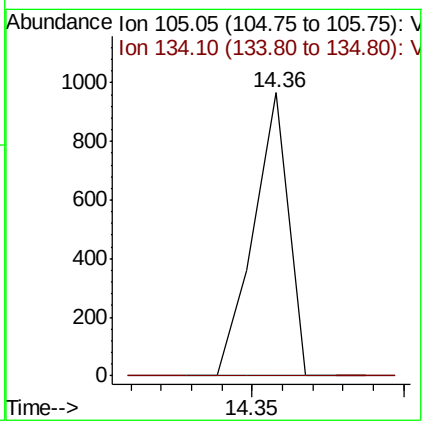


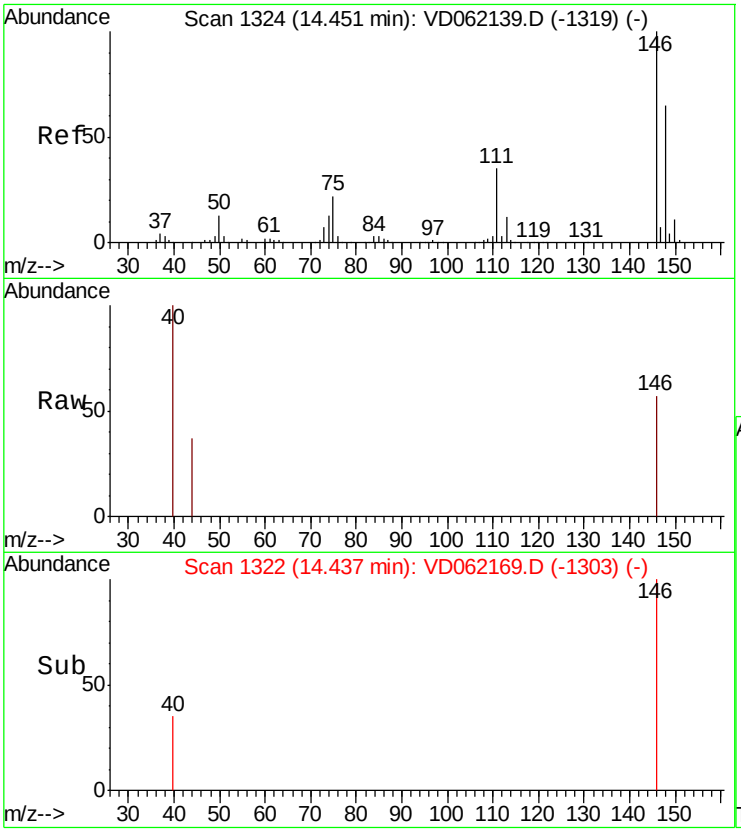


#85
sec-Butylbenzene
Concen: 1.563 ug/l
RT: 14.36 min Scan# 1314
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion:105 Resp: 784

Ion	Ratio	Lower	Upper
105	100		
134	0.0	8.9	26.7#



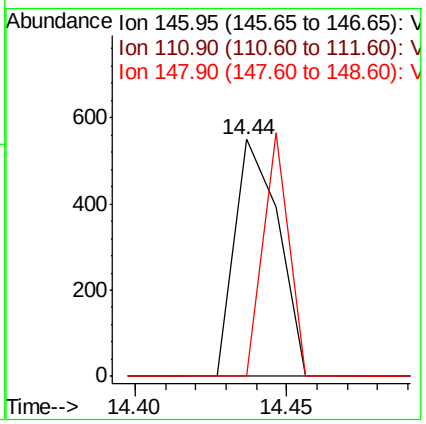


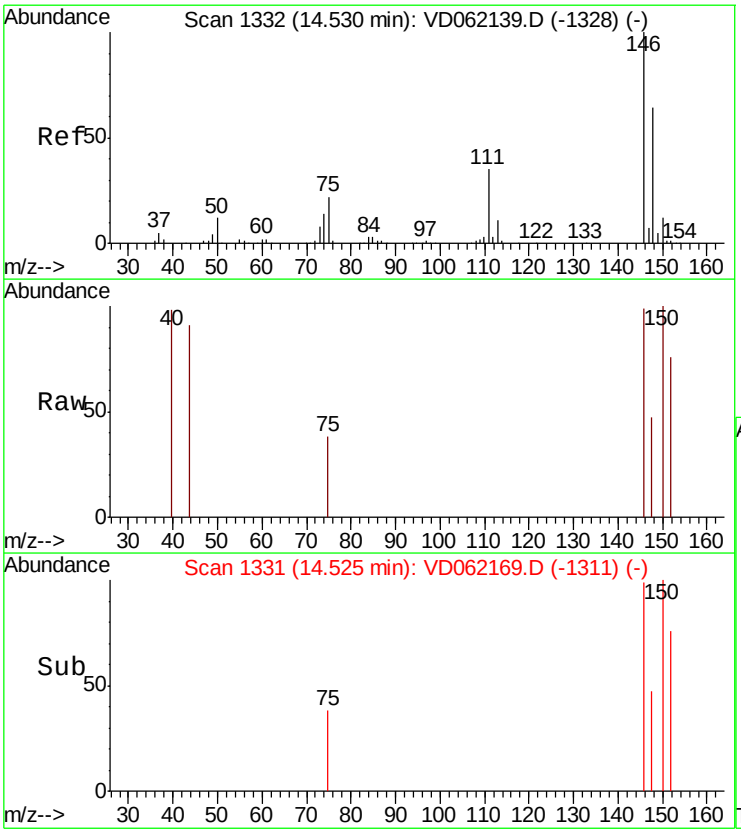
#87
1,3-Dichlorobenzene
Concen: 2.257 ug/l
RT: 14.44 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument : MSVOA_D
ClientSampleId : SB-08-1.5-2.0

Tgt Ion:146 Resp: 558

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.0	60.0#
148	0.0	31.8	95.4#

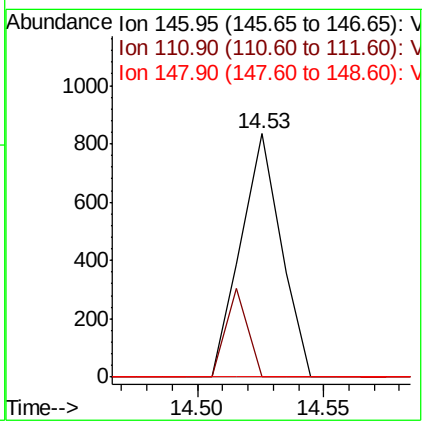


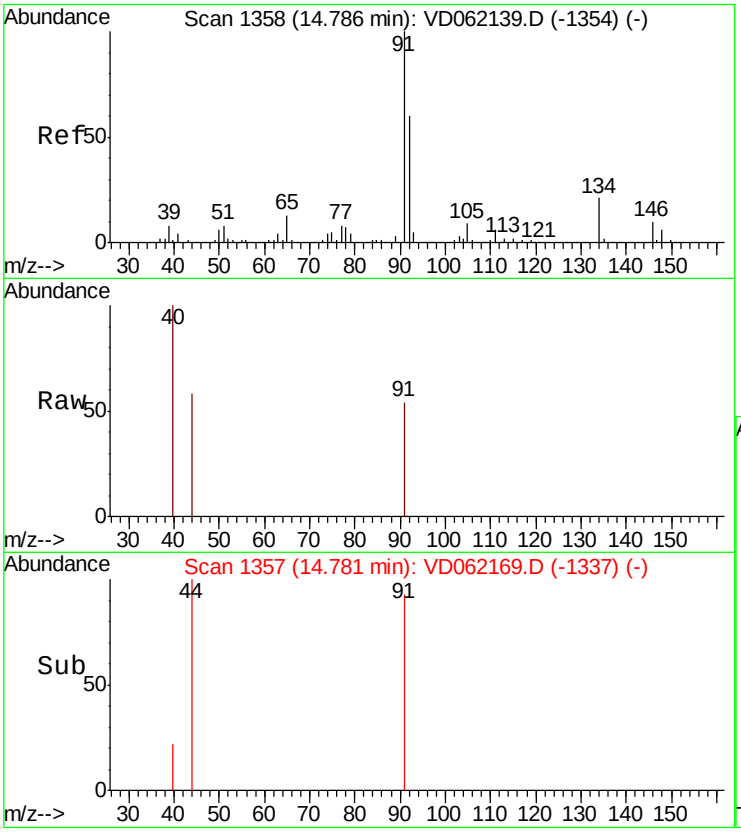


#88
1,4-Dichlorobenzene
Concen: 3.846 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion:146 Resp: 934

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.2	60.5#
148	0.0	32.0	96.2#



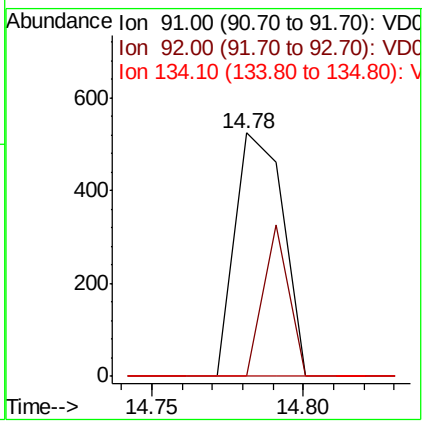


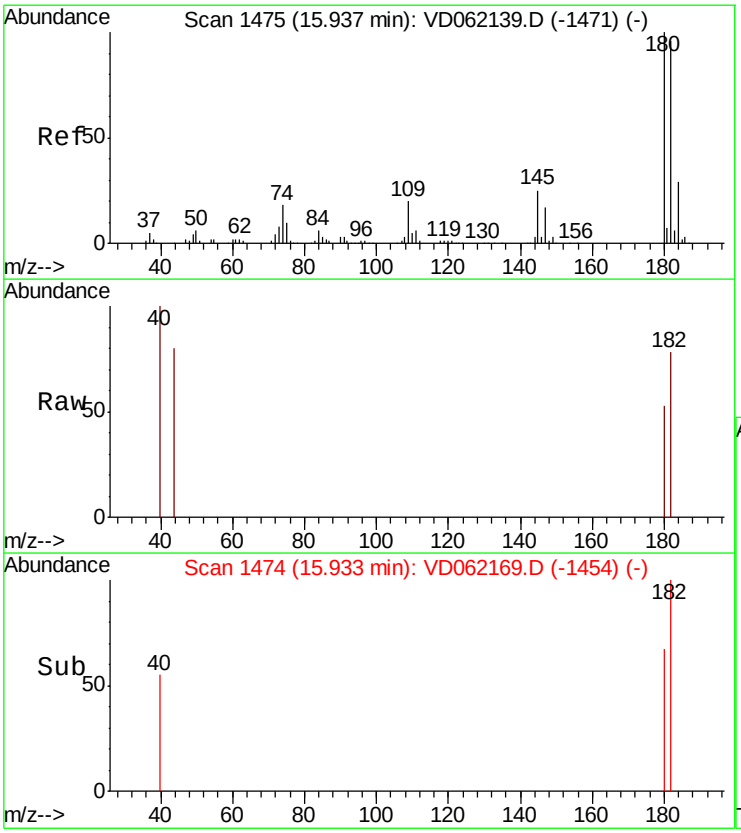
#89
n-Butylbenzene
Concen: 1.449 ug/l
RT: 14.78 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion: 91 Resp: 583

Ion	Ratio	Lower	Upper
91	100		
92	0.0	30.3	91.0#
134	0.0	14.5	43.6#

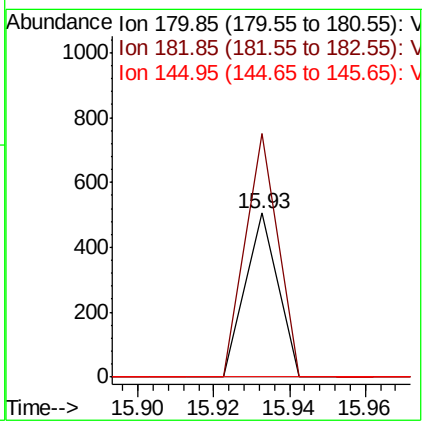


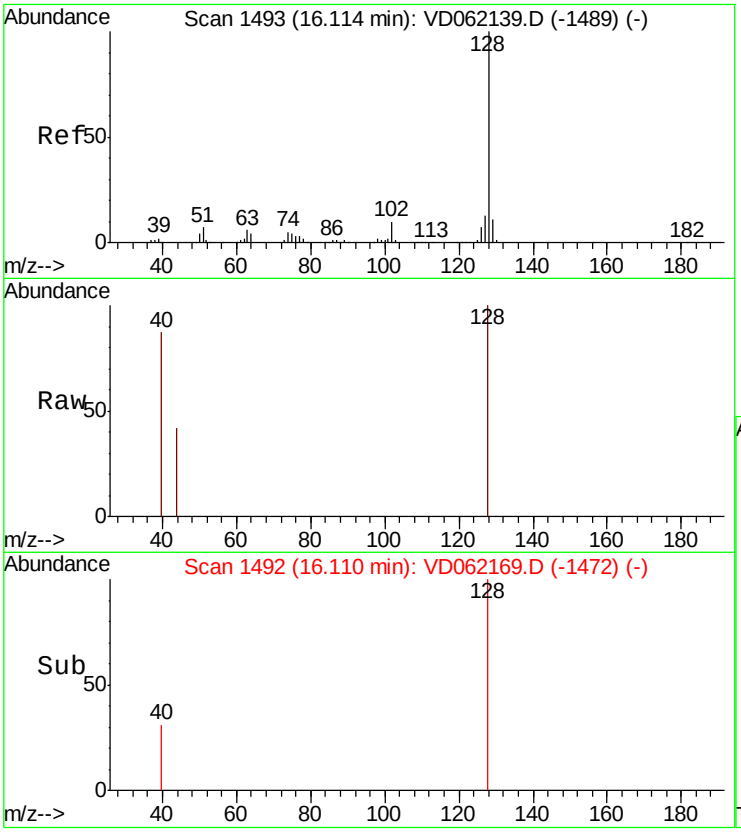


#93
1,2,4-Trichlorobenzene
Concen: 2.018 ug/l
RT: 15.93 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion:180 Resp: 299

Ion	Ratio	Lower	Upper
180	100		
182	148.4	49.3	147.8#
145	0.0	16.2	48.6#



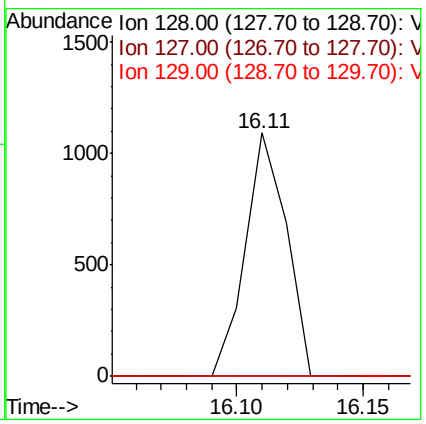


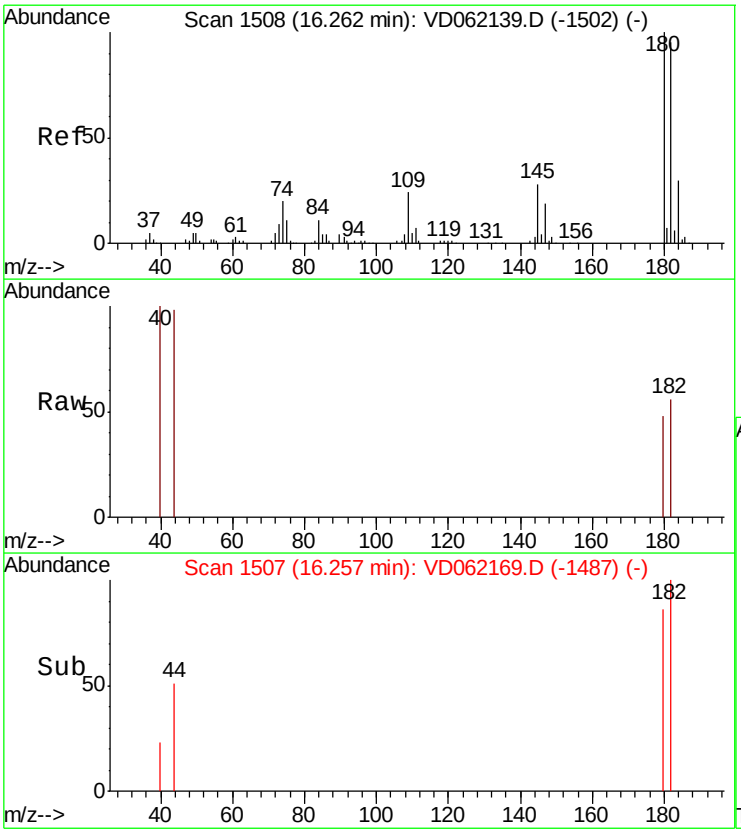
#95
Naphthalene
Concen: 5.970 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
SB-08-1.5-2.0

Tgt Ion:128 Resp: 1235

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





#96
1,2,3-Trichlorobenzene
Concen: 5.260 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VD062169.D
Acq: 8 May 2019 12:58

Tgt Ion:180 Resp: 490

Ion	Ratio	Lower	Upper
180	100		
182	116.9	47.0	141.0
145	0.0	17.0	51.0#