Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
Data File : VD062351.D
Acq On : 14 May 2019 17:25
Operator : FY/SY
Sample : K2757-04RE
Misc : 6.16g/5mL/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P021-SS009-0206-01RE

Quant Time: May 15 02:01:00 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	7.06	168	12563	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	19252	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	14286	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	6602	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	9891	84.72	ug/l	0.04
Spiked Amount 50.000			Recovery = 169.44%			
35) Dibromofluoromethane	6.95	113	7806	48.87	ug/l	0.05
Spiked Amount 50.000			Recovery = 97.74%			
50) Toluene-d8	10.42	98	15324	39.79	ug/l	0.03
Spiked Amount 50.000			Recovery = 79.58%			
62) 4-Bromofluorobenzene	13.57	95	5849	37.82	ug/l	0.03
Spiked Amount 50.000			Recovery = 75.64%			
Target Compounds						Qvalue
5) Bromomethane	2.15	94	1364	68.223	ug/l #	12
10) Methyl Iodide	3.35	142	892	4.703	ug/l #	37
16) Acetone	3.23	43	1550	63.308	ug/l #	50
25) 2-Butanone	6.04	43	190	7.115	ug/l #	56
36) 1,1-Dichloropropene	7.09	75	665	4.213	ug/l #	40
37) Ethyl Acetate	6.10	43	201	3.003	ug/l #	64
38) Carbon Tetrachloride	7.08	117	419	1.918	ug/l #	12
43) Isopropyl Acetate	9.54	43	411	4.329	ug/l #	43
55) 1,1,2-Trichloroethane	11.22	97	266	3.242	ug/l #	16
64) Tetrachloroethene	11.25	164	178	1.593	ug/l #	1
74) N-amyl acetate	12.95	43	222	2.140	ug/l #	49
76) 1,2,3-Trichloropropane	13.56	75	2940	37.472	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	2941	132.779	ug/l #	16
87) 1,3-Dichlorobenzene	14.55	146	210	1.038	ug/l #	25
88) 1,4-Dichlorobenzene	14.55	146	210	1.056	ug/l #	25
95) Naphthalene	16.13	128	1849	10.917	ug/l #	73

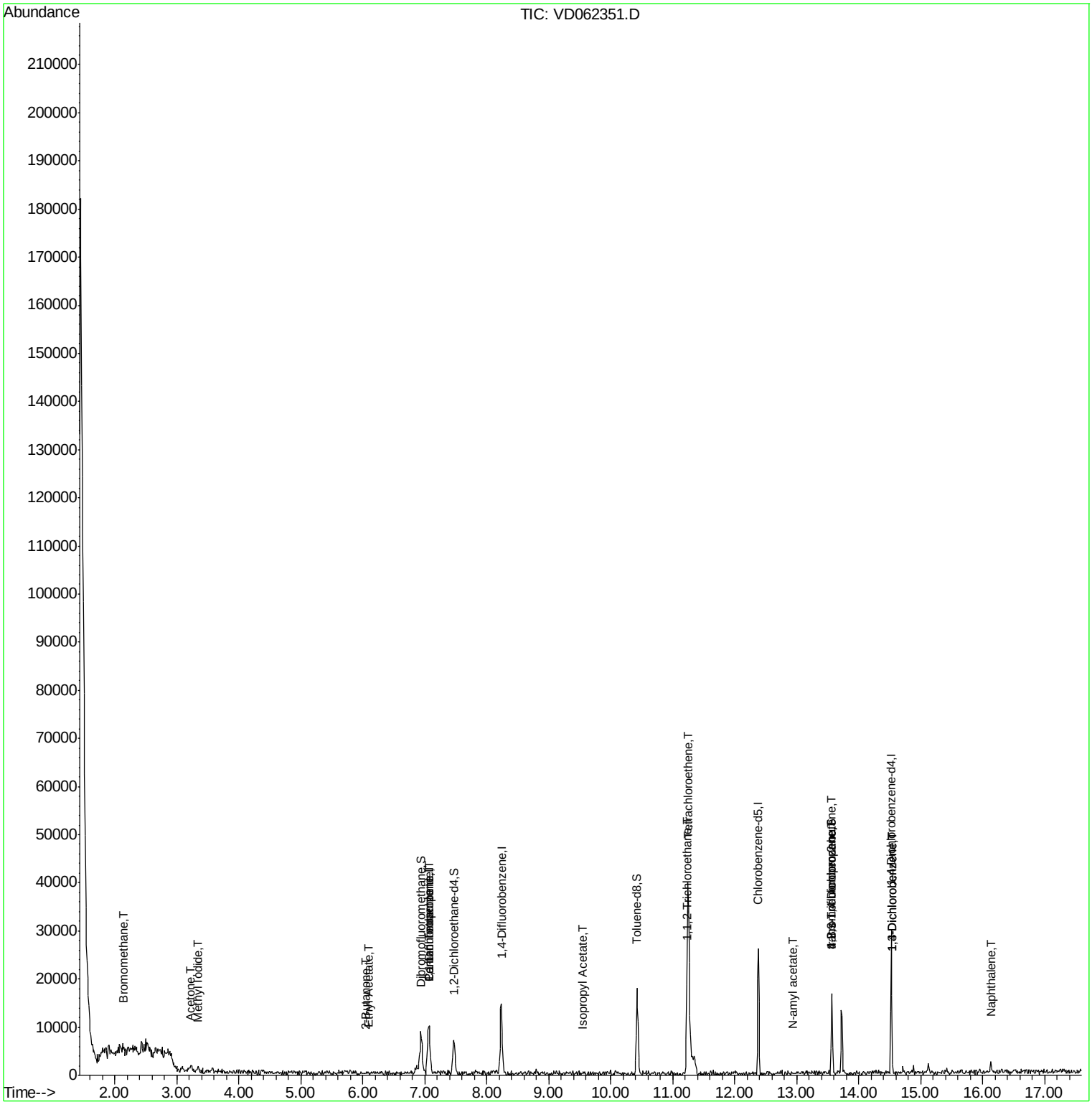
(#) = qualifier out of range (m) = manual integration (+) = signals summed

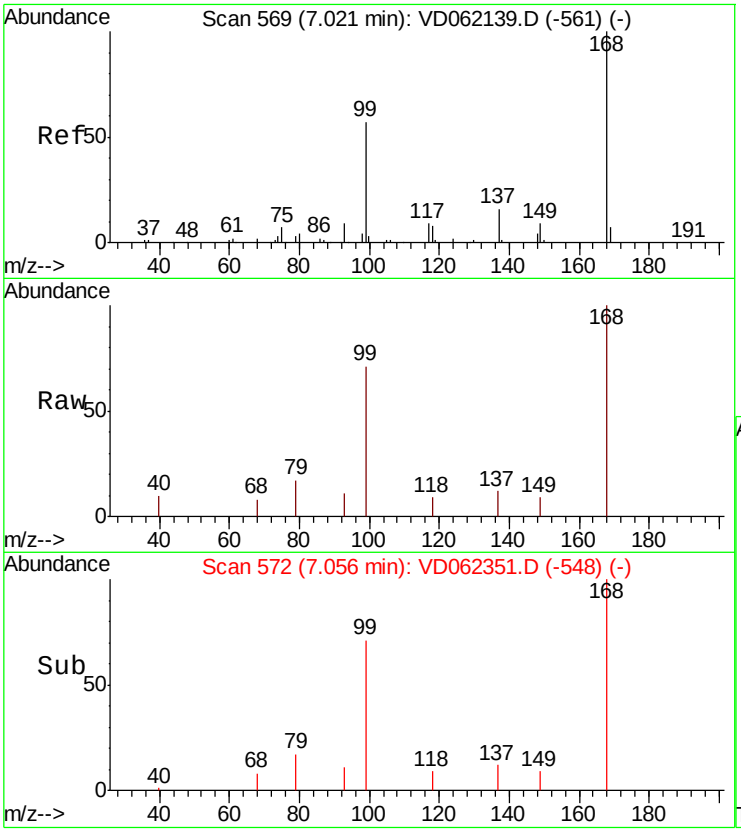
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
Data File : VD062351.D
Acq On : 14 May 2019 17:25
Operator : FY/SY
Sample : K2757-04RE
Misc : 6.16g/5mL/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P021-SS009-0206-01RE

Quant Time: May 15 02:01:00 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



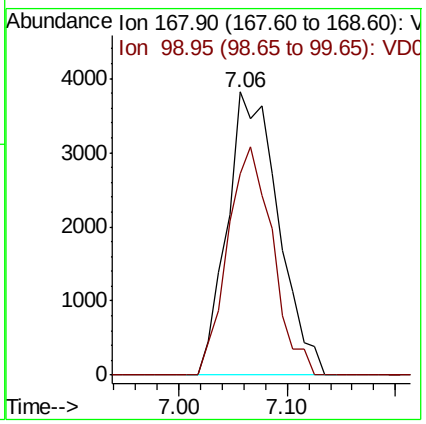


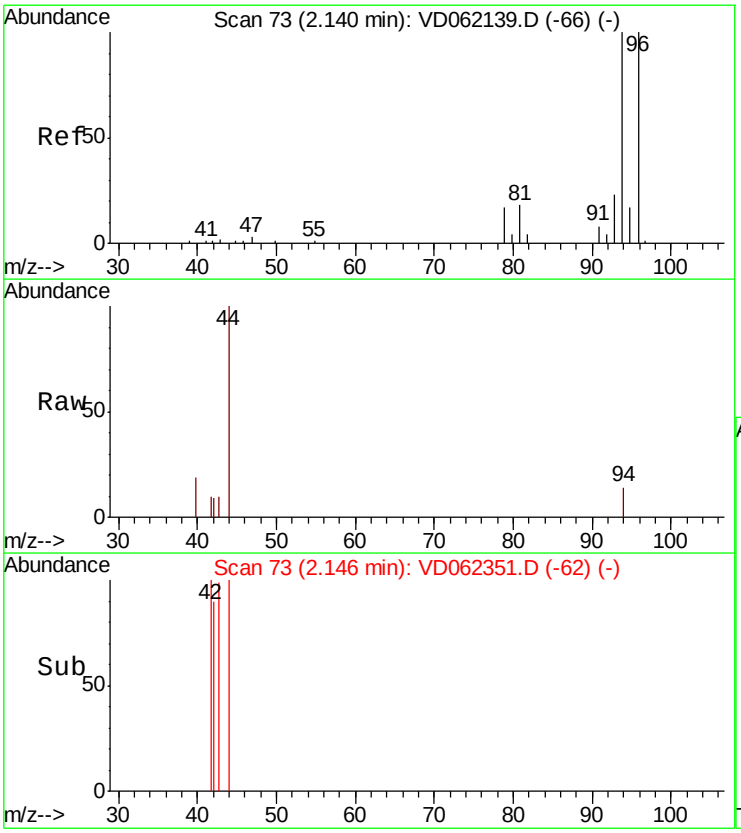
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.04 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
P021-SS009-0206-01RE

Tgt Ion:168 Resp: 12563

Ion	Ratio	Lower	Upper
168	100		
99	71.3	46.5	69.7#

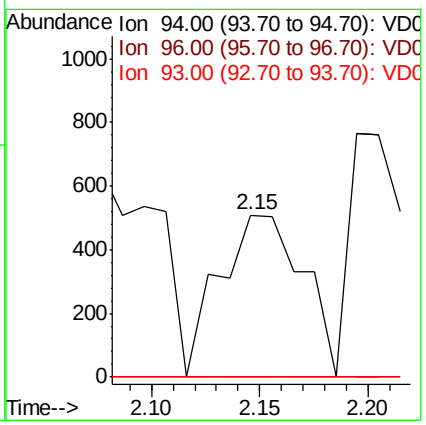


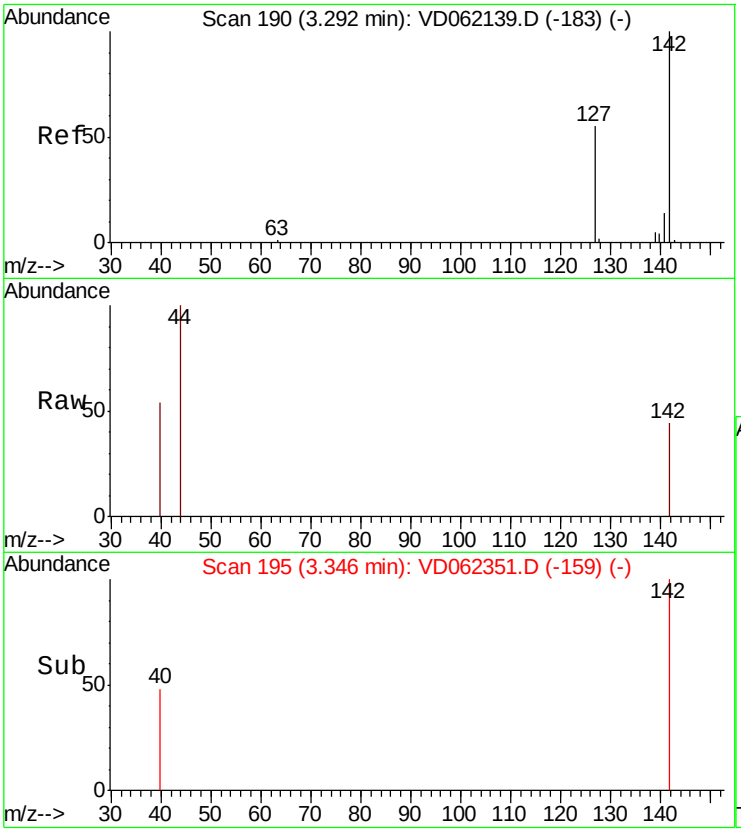


#5
Bromomethane
Concen: 68.223 ug/l
RT: 2.15 min Scan# 73
Delta R.T. 0.01 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Tgt Ion: 94 Resp: 1364

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



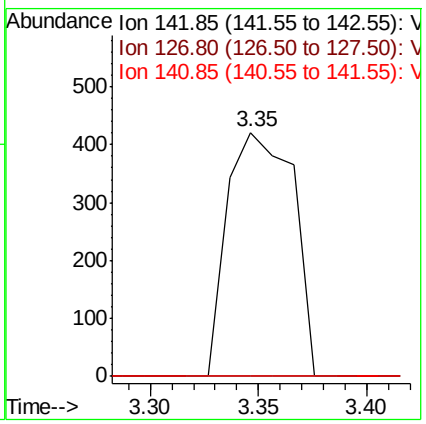


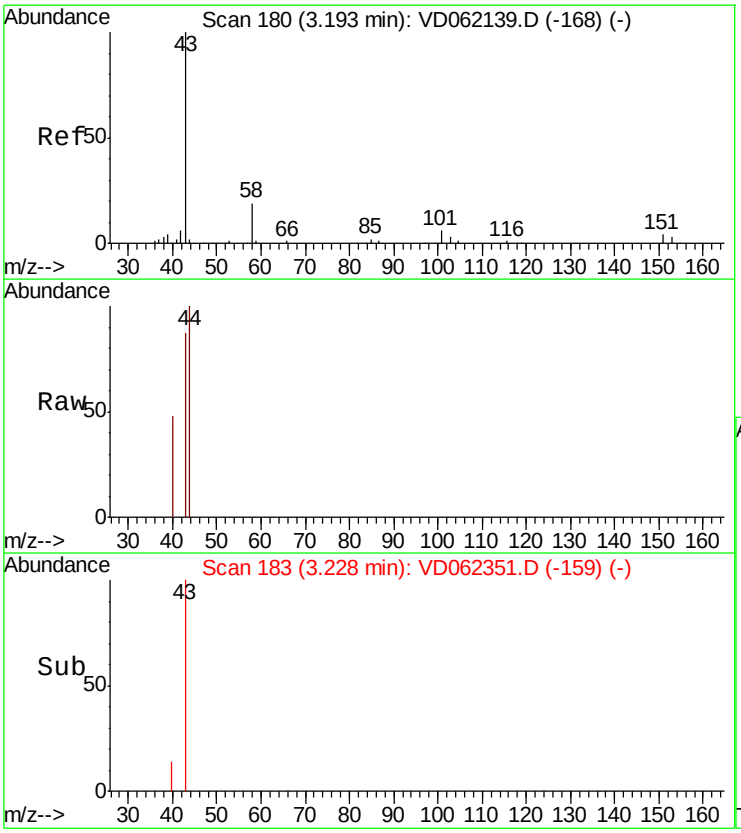
#10
Methyl Iodide
Concen: 4.703 ug/l
RT: 3.35 min Scan# 195
Delta R.T. 0.05 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
P021-SS009-0206-01RE

Tgt Ion:142 Resp: 892

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

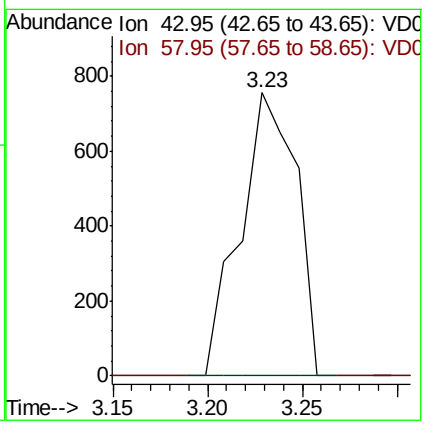


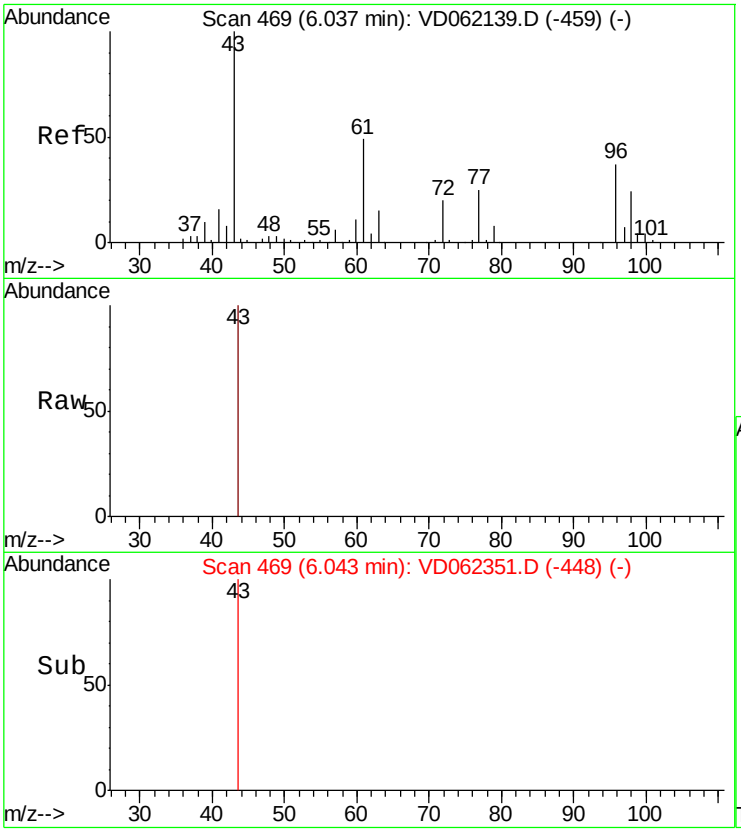


#16
Acetone
Concen: 63.308 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.04 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Tgt Ion: 43 Resp: 1550

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#



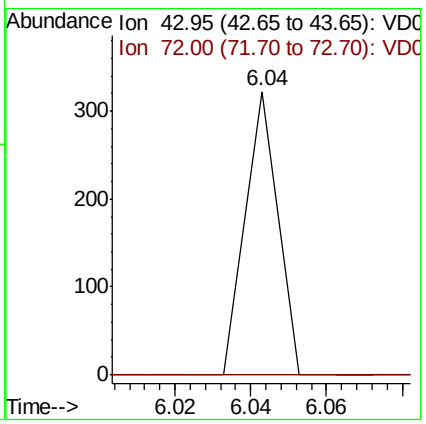


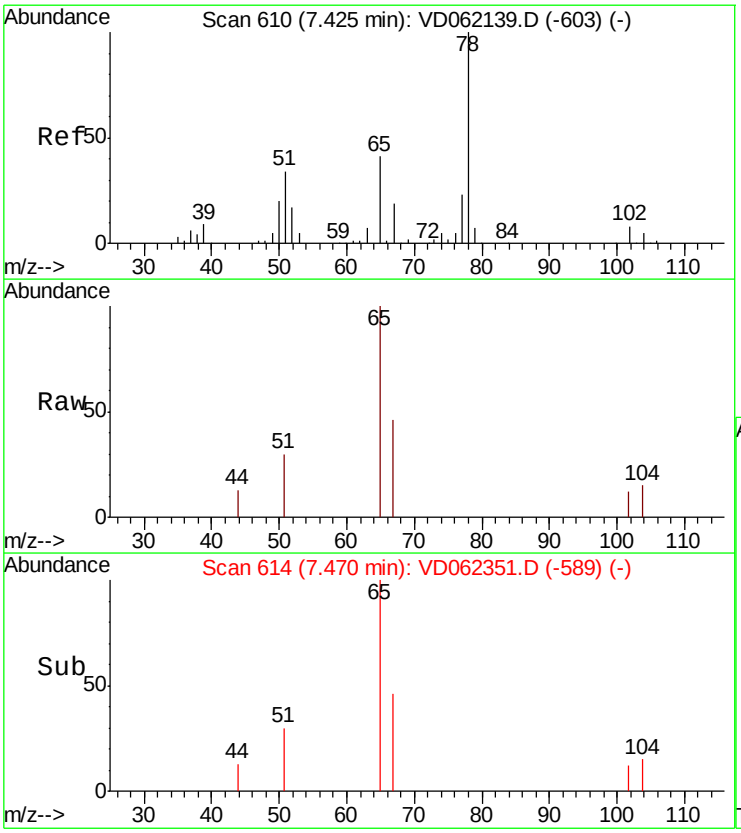
#25
2-Butanone
Concen: 7.115 ug/l
RT: 6.04 min Scan# 469
Delta R.T. 0.01 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
P021-SS009-0206-01RE

Tgt Ion: 43 Resp: 190

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#

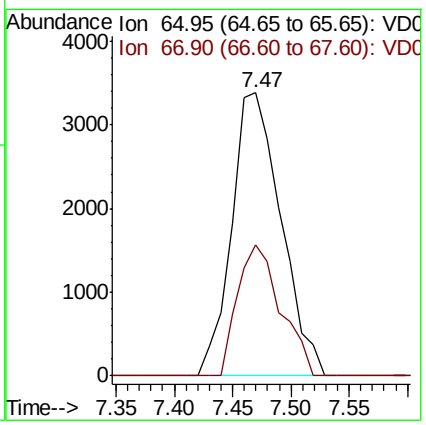


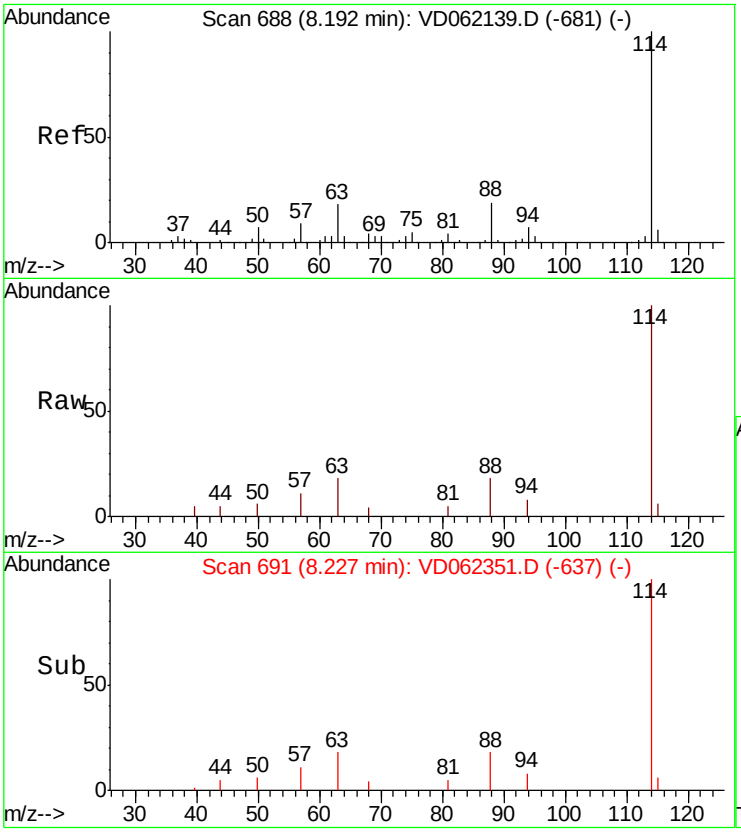


#33
1,2-Dichloroethane-d4
Concen: 84.720 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Tgt Ion: 65 Resp: 9891

Ion	Ratio	Lower	Upper
65	100		
67	46.5	0.0	98.0



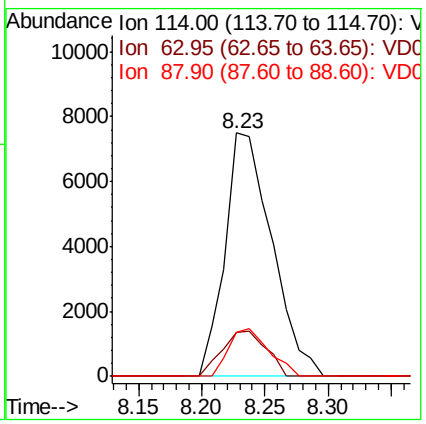


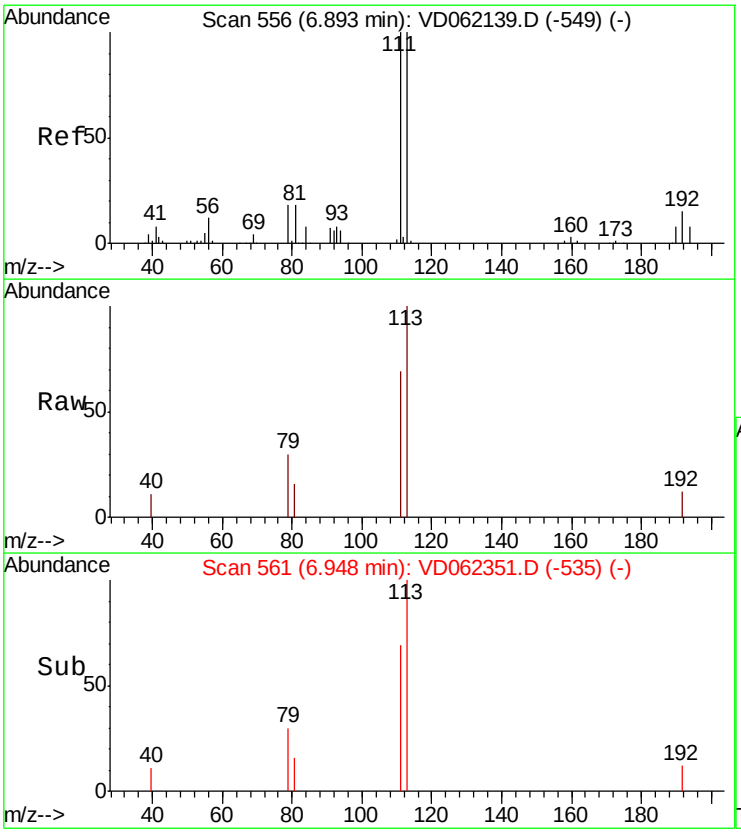
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.04 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
P021-SS009-0206-01RE

Tgt Ion:114 Resp: 19252

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	32.4
88	18.3	0.0	33.6

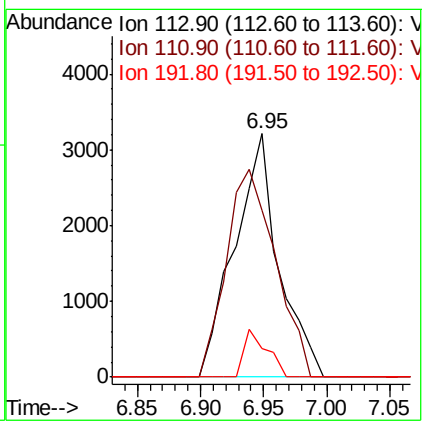


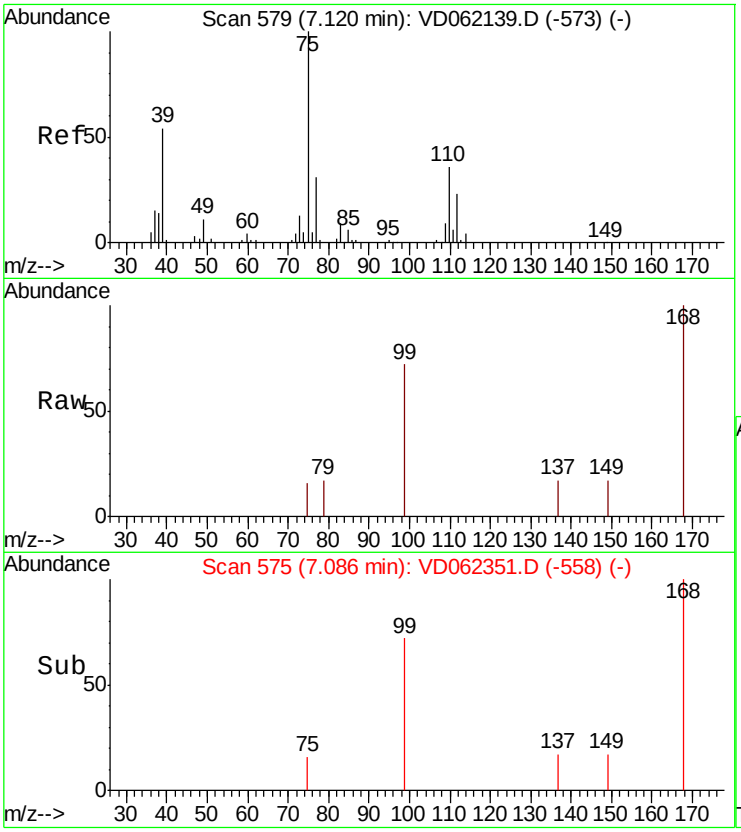


#35
Dibromofluoromethane
Concen: 48.868 ug/l
RT: 6.95 min Scan# 561
Delta R.T. 0.05 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Tgt Ion:113 Resp: 7806

Ion	Ratio	Lower	Upper
113	100		
111	68.5	78.5	117.7#
192	11.8	13.0	19.4#



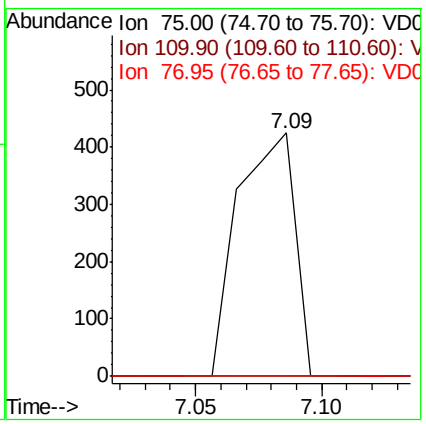


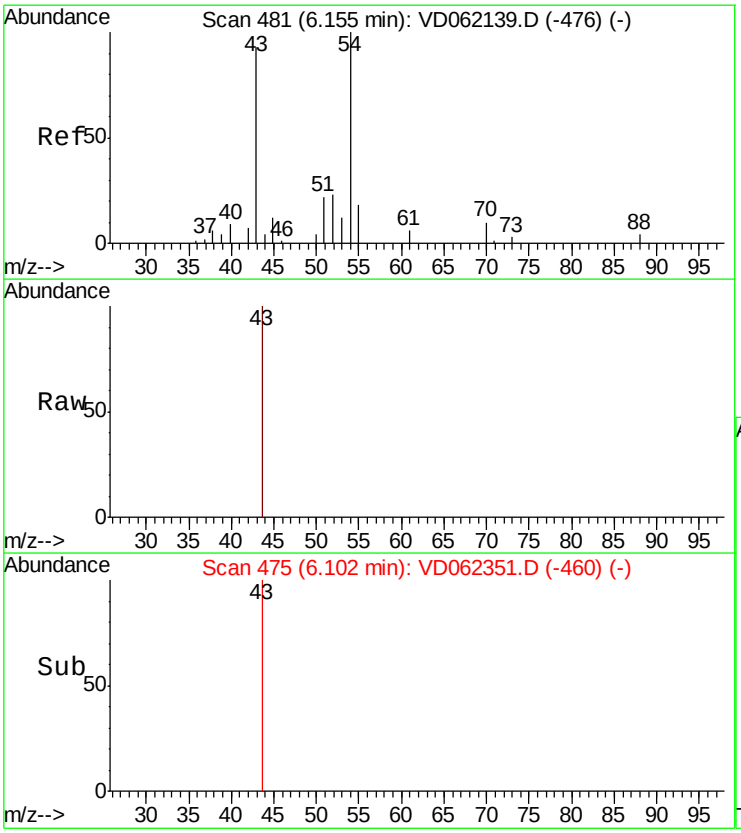
#36
1,1-Dichloropropene
Concen: 4.213 ug/l
RT: 7.09 min Scan# 575
Delta R.T. -0.03 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
P021-SS009-0206-01RE

Tgt Ion: 75 Resp: 665

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

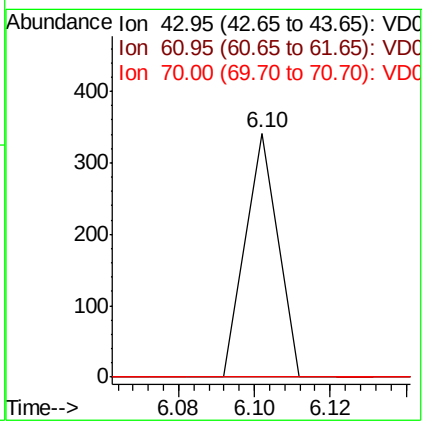


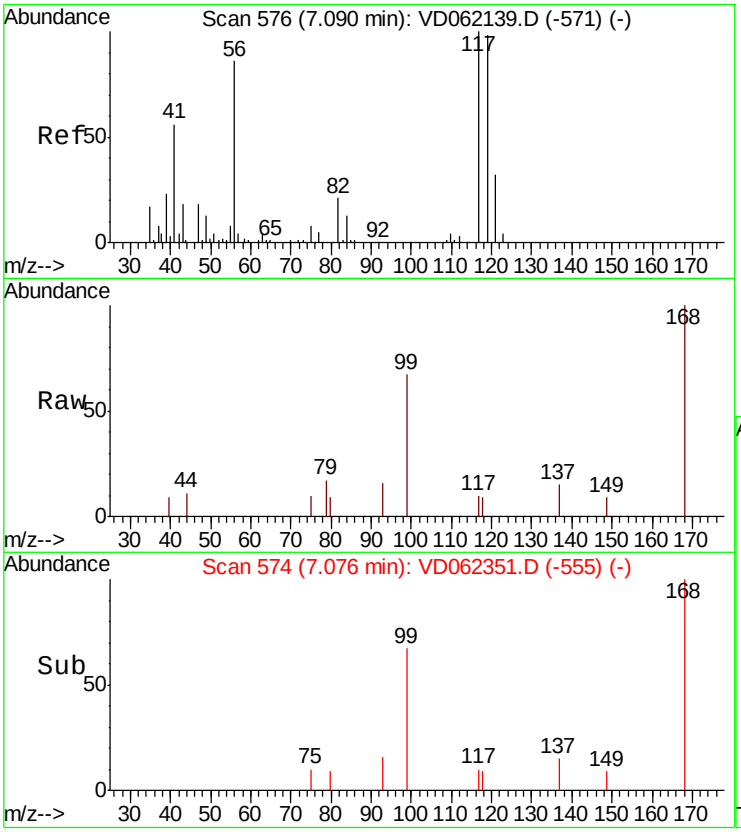


#37
Ethyl Acetate
Concen: 3.003 ug/l
RT: 6.10 min Scan# 475
Delta R.T. -0.05 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Tgt Ion: 43 Resp: 201

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



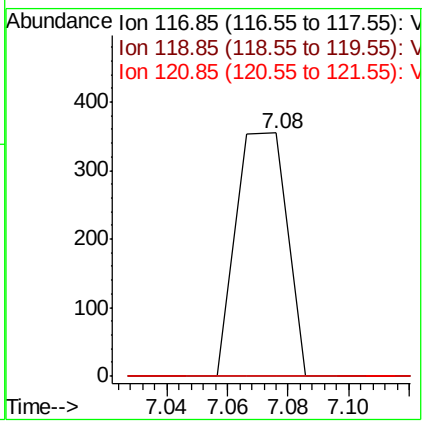


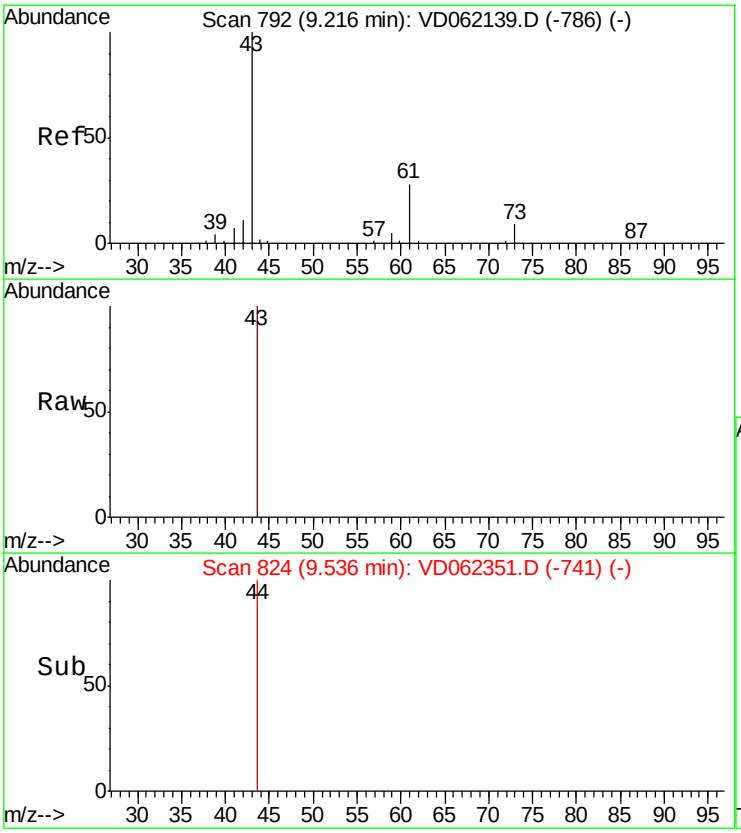
#38
Carbon Tetrachloride
Concen: 1.918 ug/l
RT: 7.08 min Scan# 574
Delta R.T. -0.01 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
P021-SS009-0206-01RE

Tgt Ion:117 Resp: 419

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

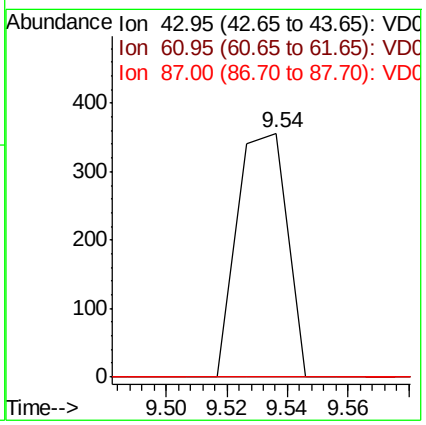


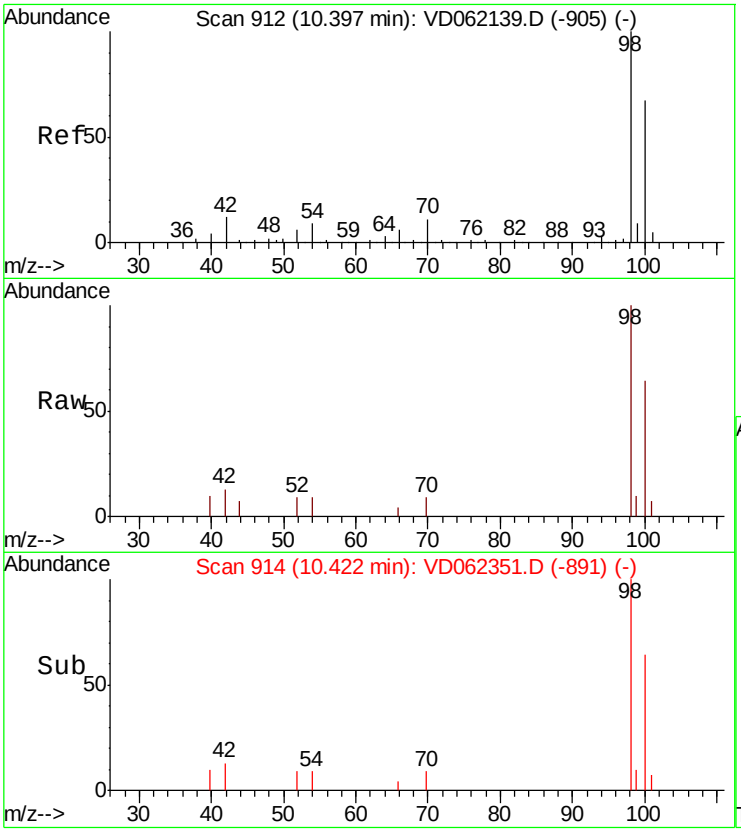


#43
Isopropyl Acetate
Concen: 4.329 ug/l
RT: 9.54 min Scan# 824
Delta R.T. 0.32 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Tgt Ion: 43 Resp: 411

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.1	37.7#
87	0.0	0.0	0.0



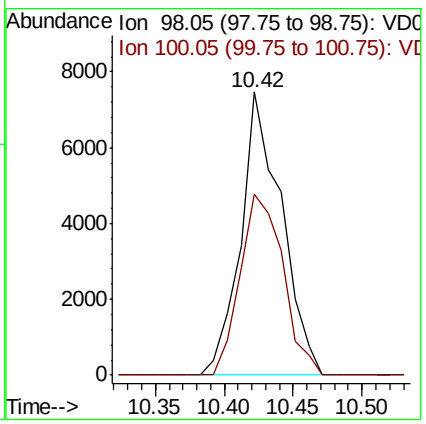


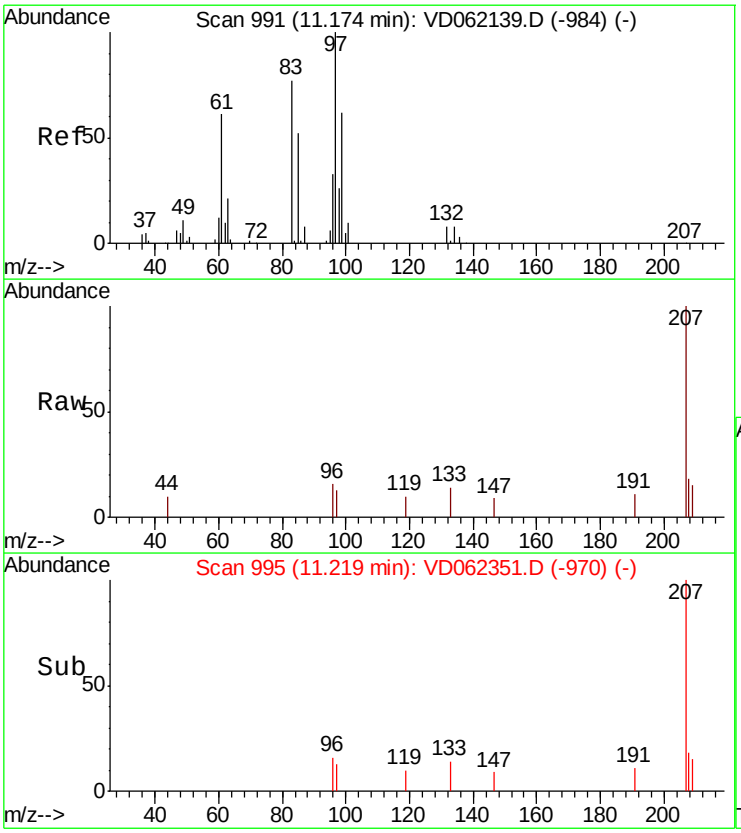
#50
Toluene-d8
Concen: 39.789 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
P021-SS009-0206-01RE

Tgt Ion: 98 Resp: 15324

Ion	Ratio	Lower	Upper
98	100		
100	64.0	53.8	80.8

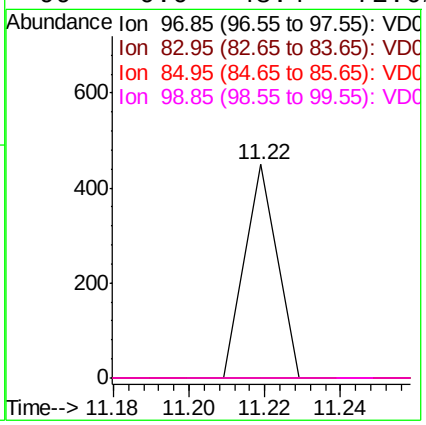


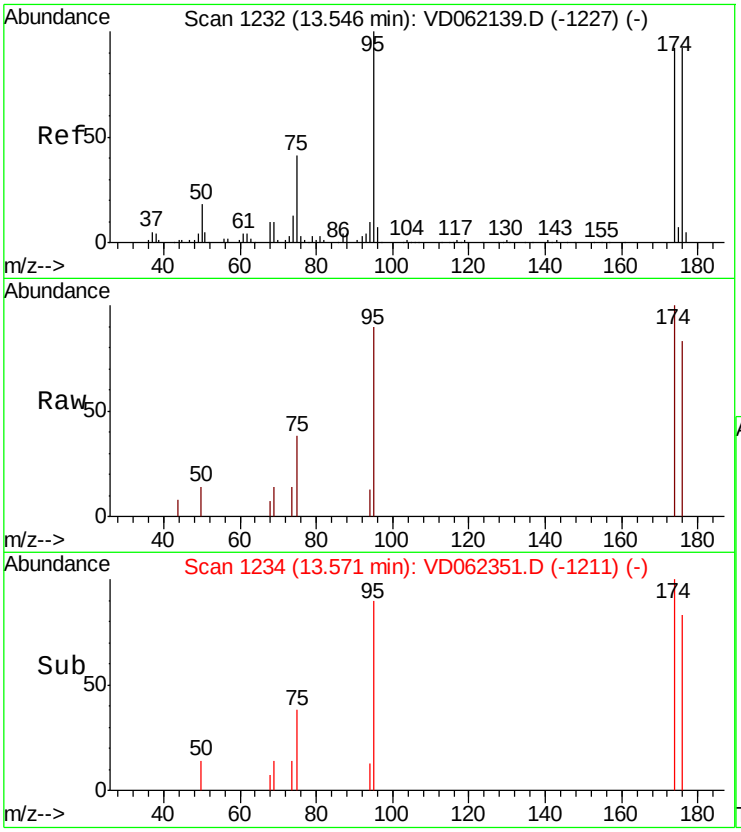


#55
1,1,2-Trichloroethane
Concen: 3.242 ug/l
RT: 11.22 min Scan# 995
Delta R.T. 0.04 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Tgt Ion: 97 Resp: 266

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#



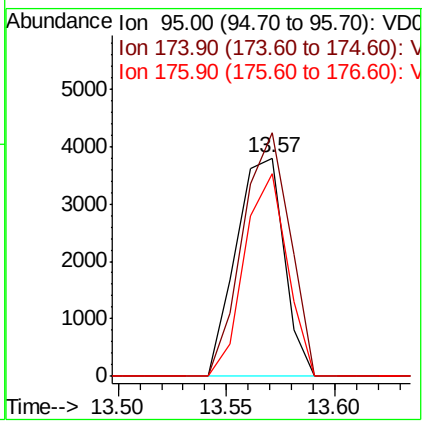


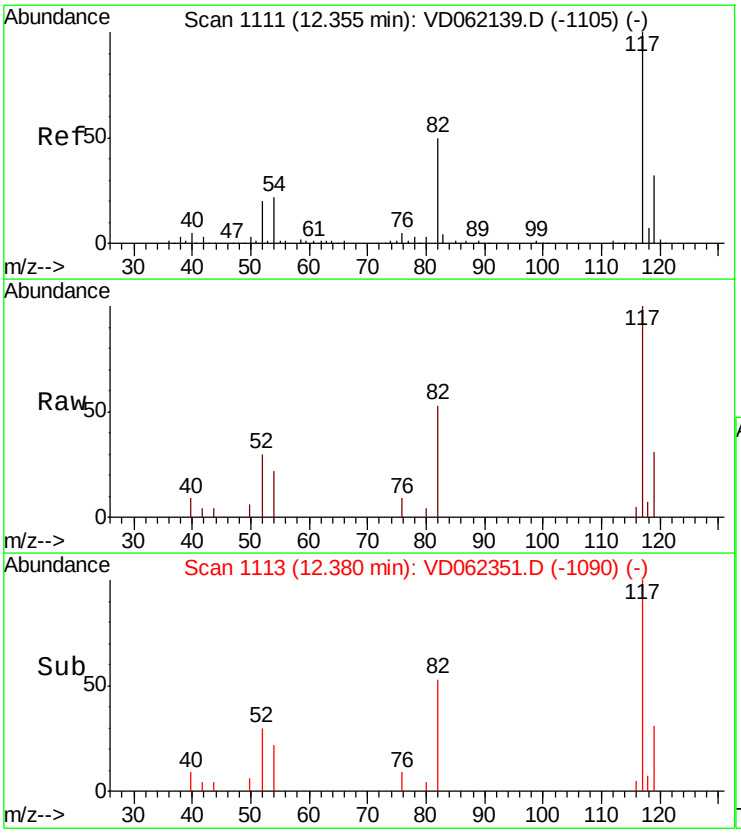
#62
4-Bromofluorobenzene
Concen: 37.819 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.03 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
P021-SS009-0206-01RE

Tgt Ion: 95 Resp: 5849

Ion	Ratio	Lower	Upper
95	100		
174	111.6	0.0	181.8
176	93.0	0.0	174.4

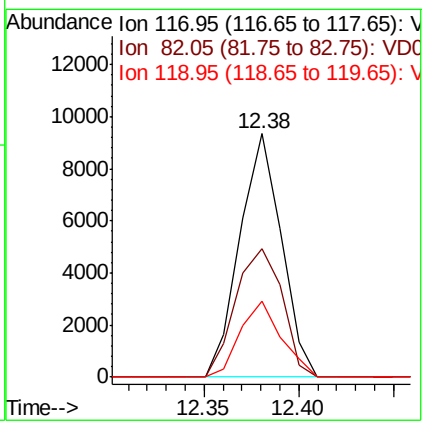


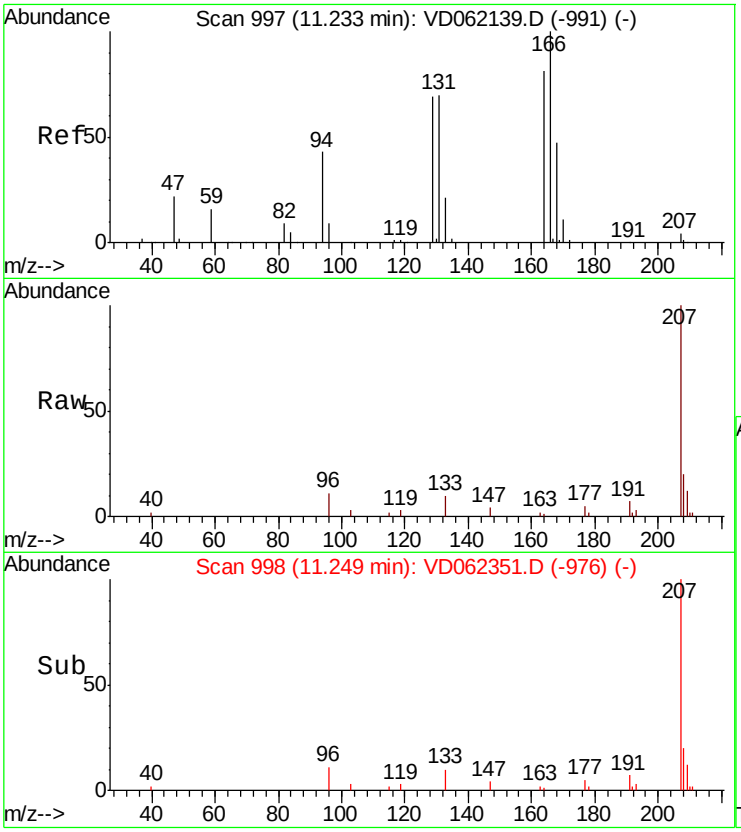


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Tgt Ion:117 Resp: 14286

Ion	Ratio	Lower	Upper
117	100		
82	52.9	36.2	54.2
119	31.0	26.2	39.4



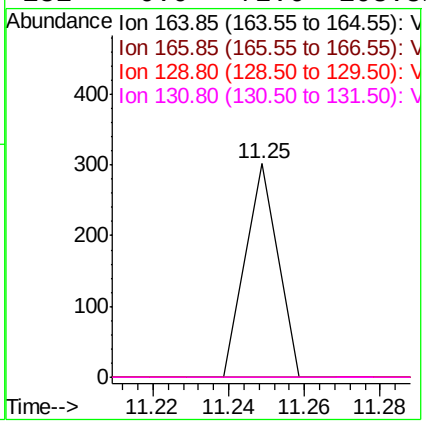


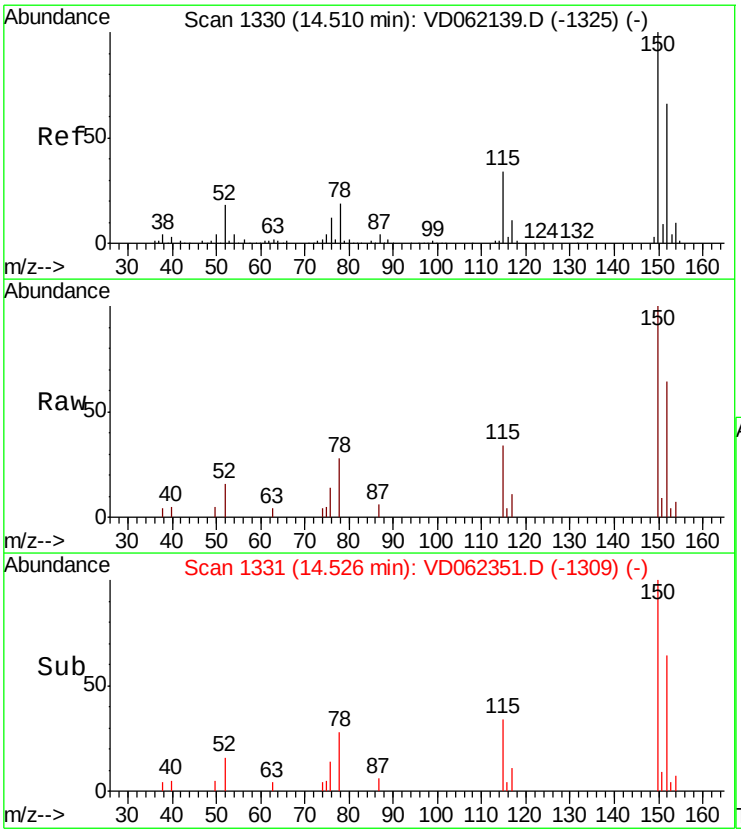
#64
Tetrachloroethene
Concen: 1.593 ug/l
RT: 11.25 min Scan# 998
Delta R.T. 0.02 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
P021-SS009-0206-01RE

Tgt Ion:164 Resp: 178

Ion	Ratio	Lower	Upper
164	100		
166	0.0	101.5	152.3#
129	0.0	74.6	112.0#
131	0.0	72.6	108.8#

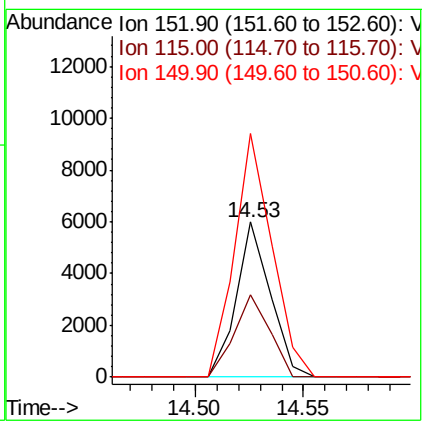


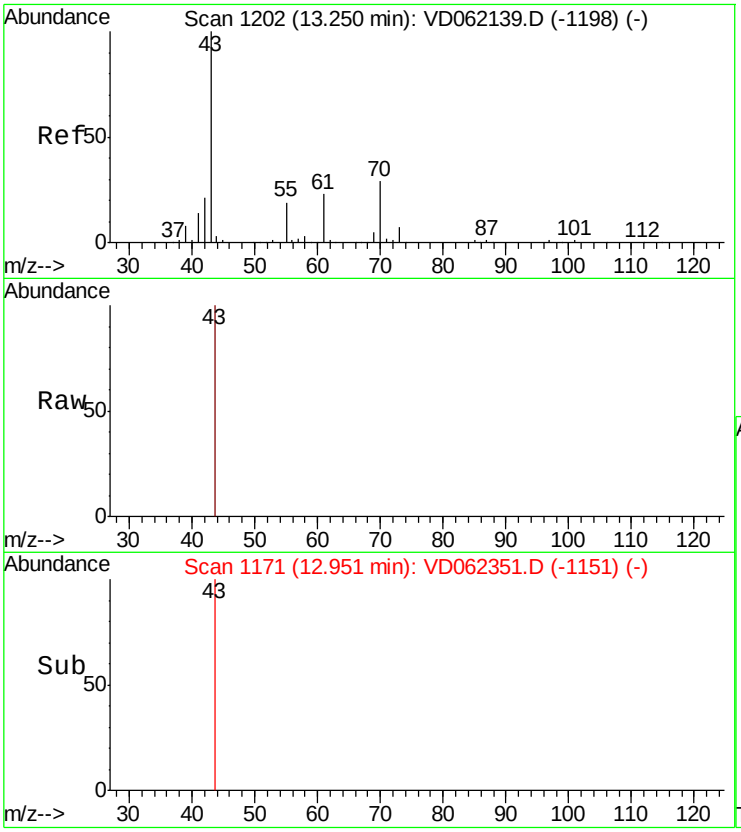


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Tgt Ion:152 Resp: 6602

Ion	Ratio	Lower	Upper
152	100		
115	52.9	30.9	92.7
150	157.3	0.0	314.8



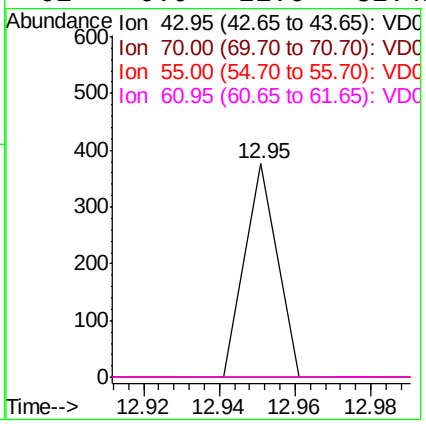


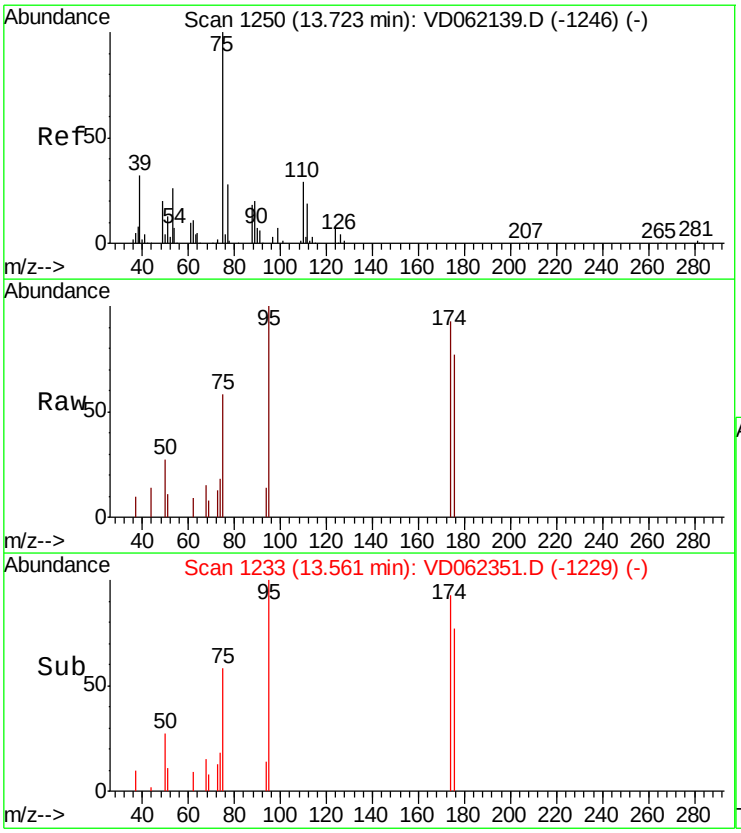
#74
N-amyl acetate
Concen: 2.140 ug/l
RT: 12.95 min Scan# 1171
Delta R.T. -0.30 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
P021-SS009-0206-01RE

Tgt Ion: 43 Resp: 222

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#

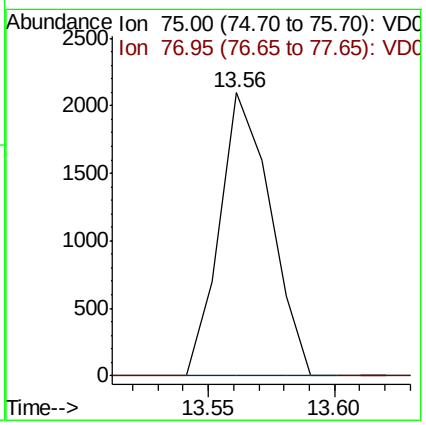


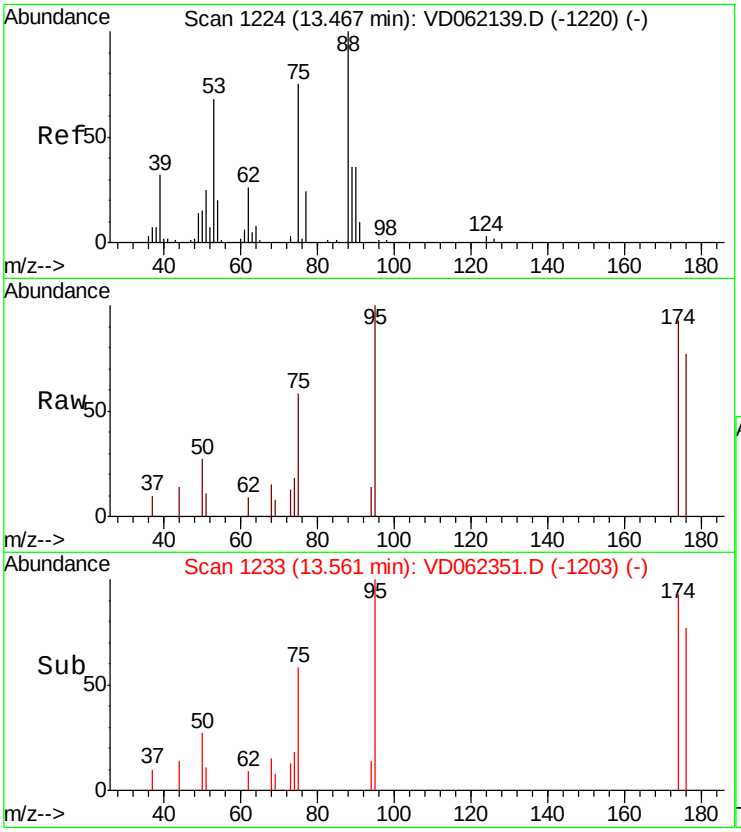


#76
1,2,3-Trichloropropane
Concen: 37.472 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.16 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Tgt Ion: 75 Resp: 2940

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.4	49.4#



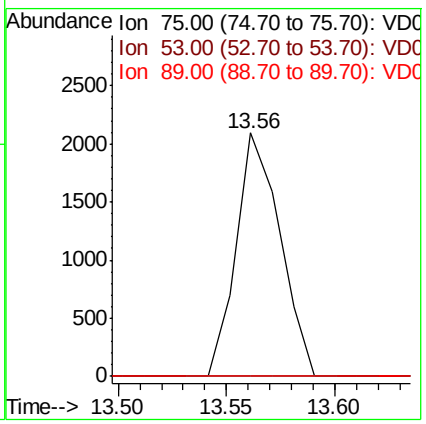


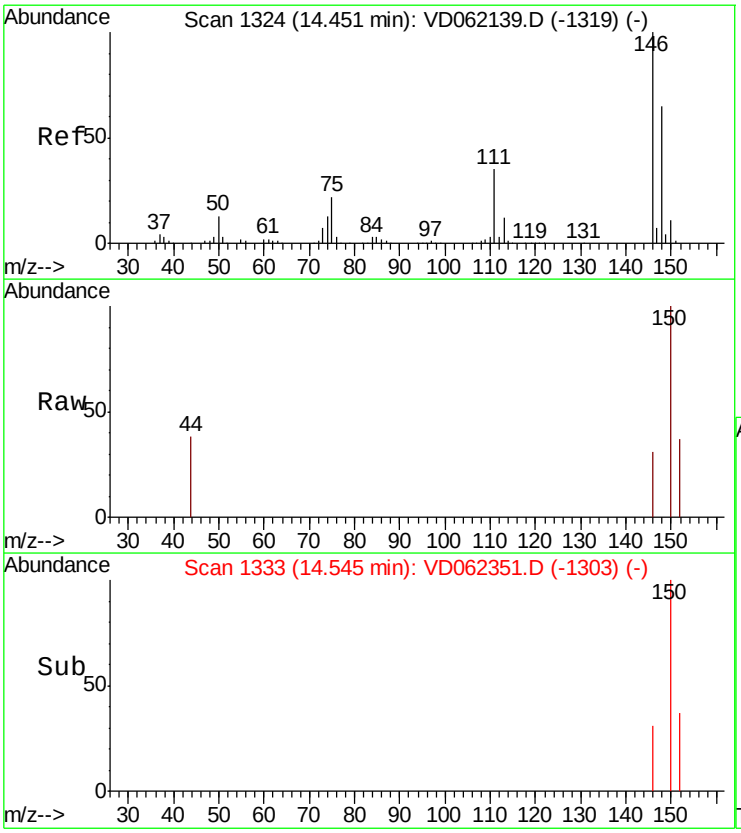
#81
trans-1,4-Dichloro-2-butene
Concen: 132.779 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
P021-SS009-0206-01RE

Tgt Ion: 75 Resp: 2941

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

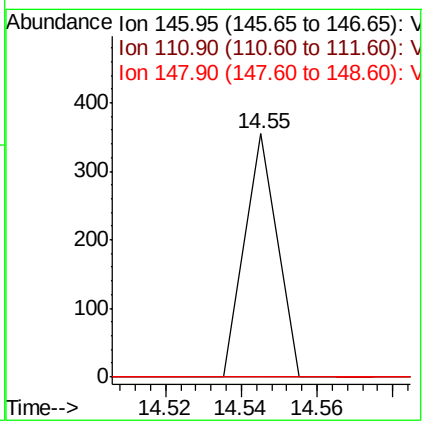


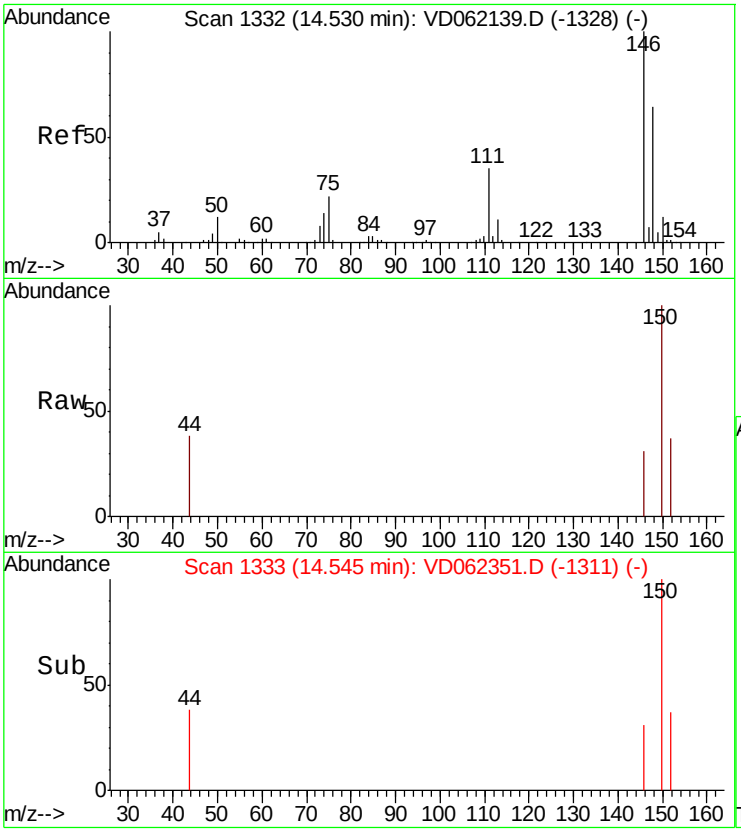


#87
1,3-Dichlorobenzene
Concen: 1.038 ug/l
RT: 14.55 min Scan# 1333
Delta R.T. 0.09 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Tgt Ion:146 Resp: 210

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



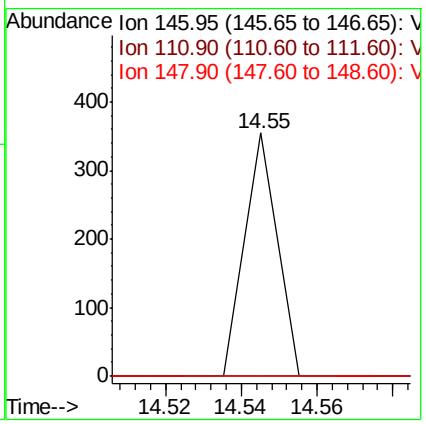


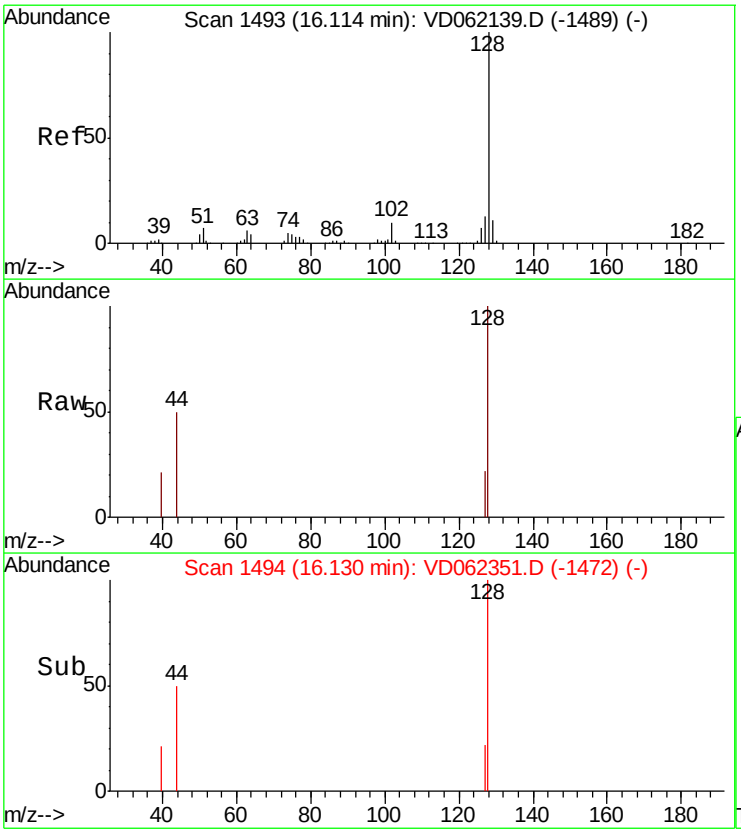
#88
1,4-Dichlorobenzene
Concen: 1.056 ug/l
RT: 14.55 min Scan# 1333
Delta R.T. 0.02 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
P021-SS009-0206-01RE

Tgt Ion:146 Resp: 210

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





#95
Naphthalene
Concen: 10.917 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.02 min
Lab File: VD062351.D
Acq: 14 May 2019 17:25

Tgt Ion:128 Resp: 1849

Ion	Ratio	Lower	Upper
128	100		
127	22.3	9.8	14.8#
129	0.0	8.8	13.2#