Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
Data File : VD062366.D
Acq On : 15 May 2019 1:42
Operator : FY/SY
Sample : K2756-12RE
Misc : 5.92g/5mL/MSVOA_D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: May 15 03:31:38 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	39743	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	69736	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	66447	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	30826	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	54196	146.74	ug/l	0.03
Spiked Amount 50.000			Recovery = 293.48%			
35) Dibromofluoromethane	6.94	113	39877	68.92	ug/l	0.04
Spiked Amount 50.000			Recovery = 137.84%			
50) Toluene-d8	10.42	98	53692	38.49	ug/l	0.02
Spiked Amount 50.000			Recovery = 76.98%			
62) 4-Bromofluorobenzene	13.56	95	26680	47.63	ug/l	0.01
Spiked Amount 50.000			Recovery = 95.26%			
Target Compounds						Qvalue
5) Bromomethane	2.18	94	1026	16.222	ug/l #	12
10) Methyl Iodide	3.33	142	795	1.325	ug/l #	37
16) Acetone	3.22	43	2548	32.897	ug/l #	86
18) Methyl Acetate	3.64	43	217	1.271	ug/l #	53
25) 2-Butanone	6.15	43	242	2.864	ug/l #	56
36) 1,1-Dichloropropene	7.06	75	2256	3.946	ug/l #	40
38) Carbon Tetrachloride	7.05	117	3957	5.000	ug/l #	12
59) 2-Hexanone	11.53	43	191	1.172	ug/l #	27
76) 1,2,3-Trichloropropane	13.56	75	12142	33.144	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	12506	120.924	ug/l #	16
95) Naphthalene	16.13	128	1146	1.449	ug/l #	70

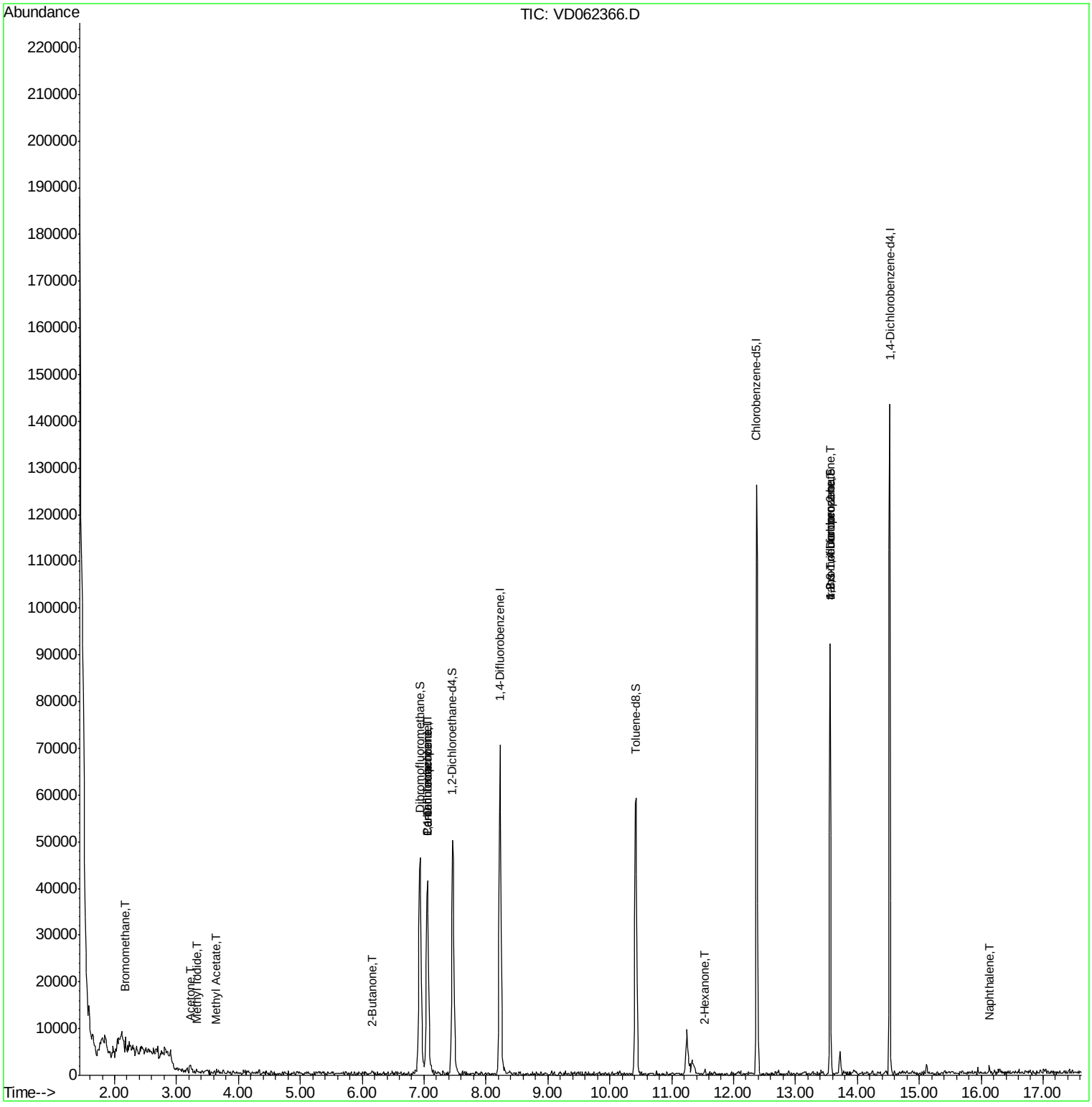
(#) = qualifier out of range (m) = manual integration (+) = signals summed

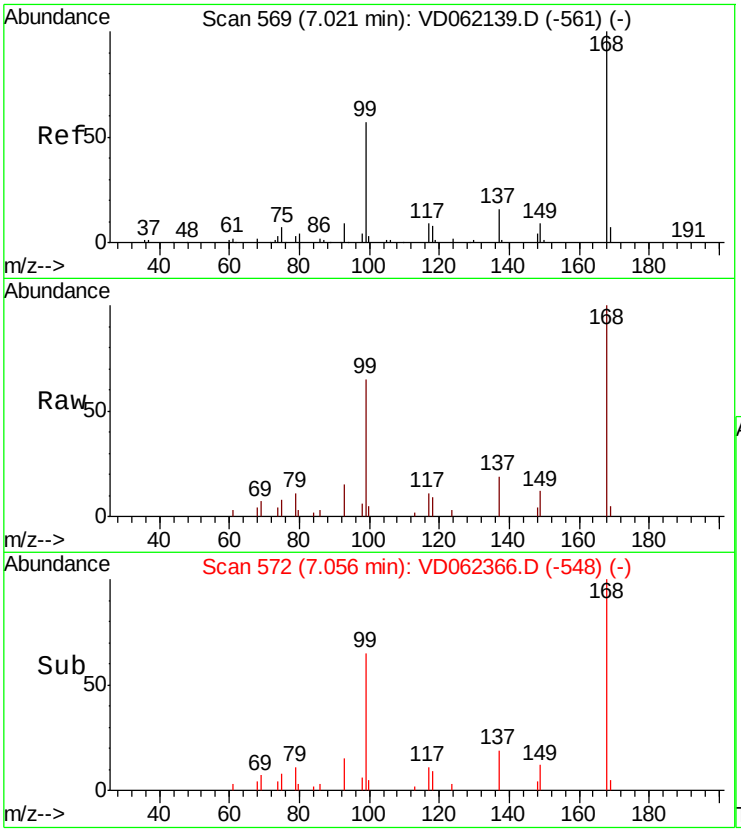
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
Data File : VD062366.D
Acq On : 15 May 2019 1:42
Operator : FY/SY
Sample : K2756-12RE
Misc : 5.92g/5mL/MSVOA D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 15 03:31:38 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



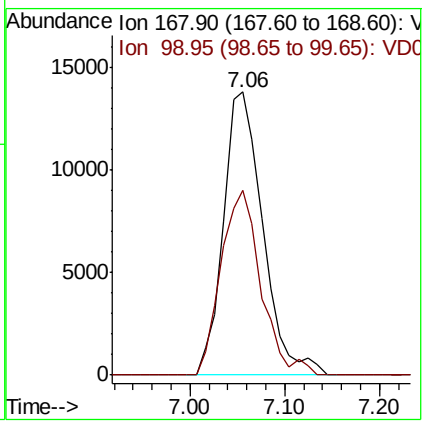


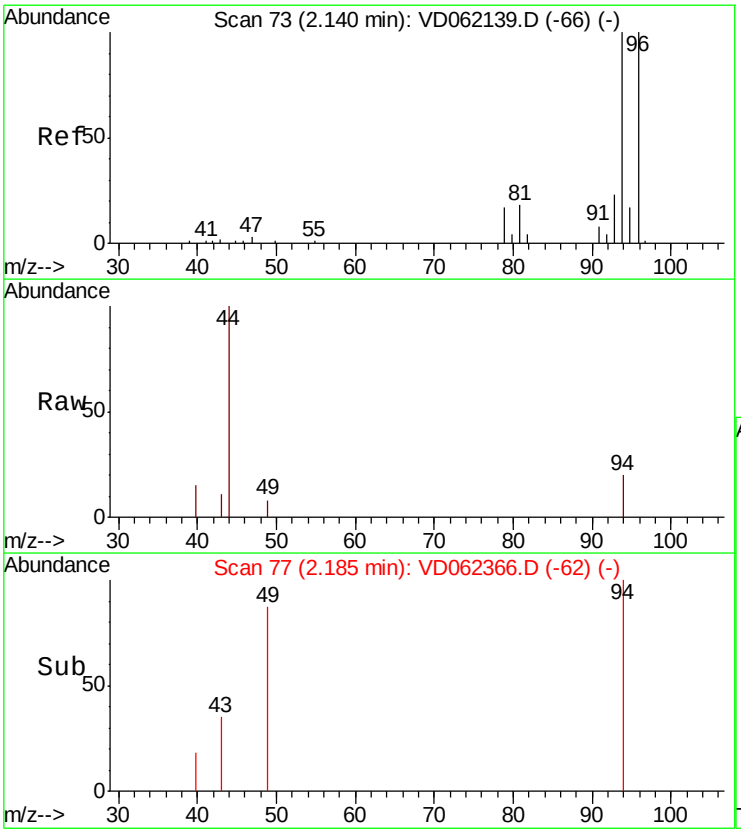
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.03 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 39743

Ion	Ratio	Lower	Upper
168	100		
99	65.4	46.5	69.7

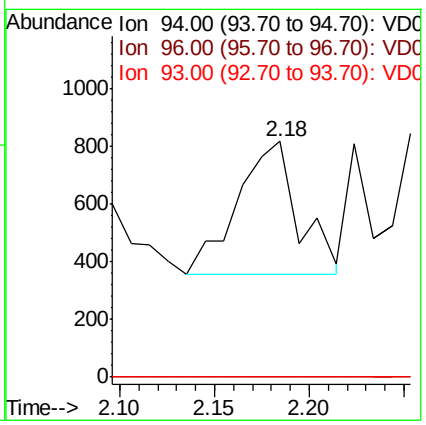


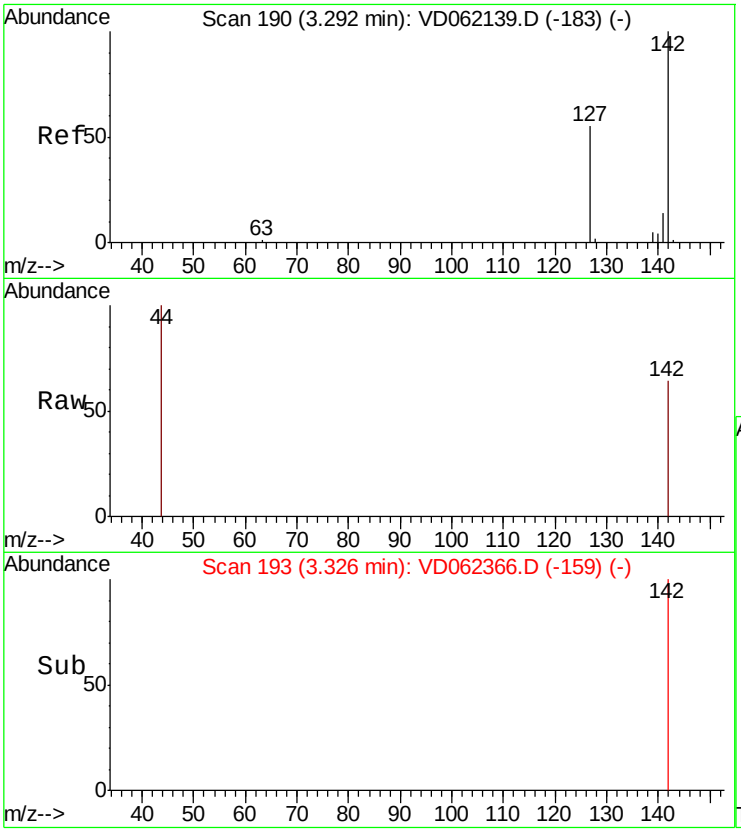


#5
Bromomethane
Concen: 16.222 ug/l
RT: 2.18 min Scan# 77
Delta R.T. 0.04 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Tgt Ion: 94 Resp: 1026

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



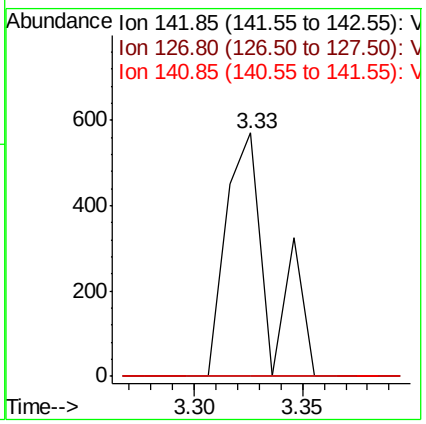


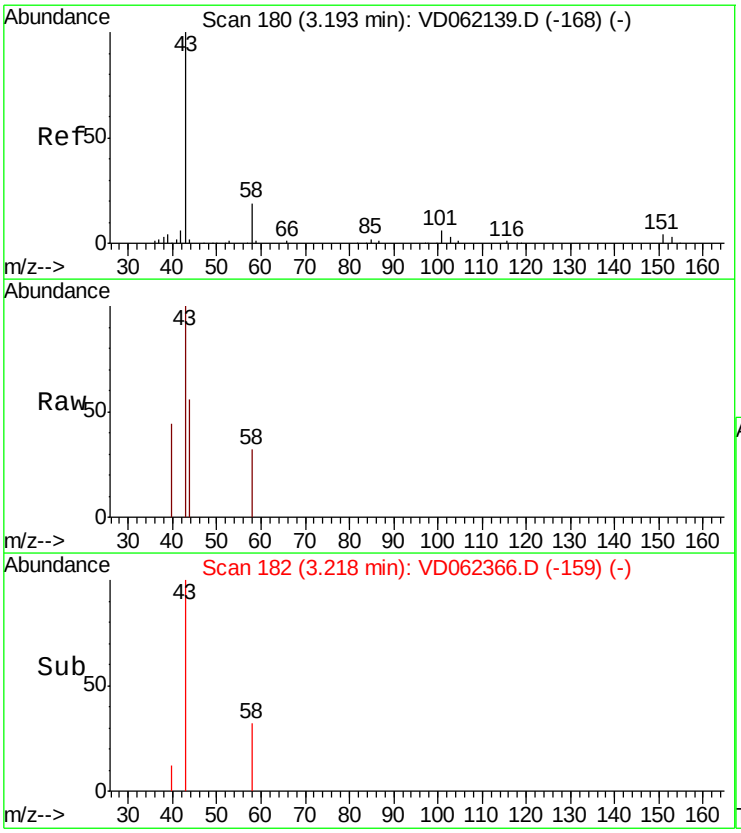
#10
Methyl Iodide
Concen: 1.325 ug/l
RT: 3.33 min Scan# 193
Delta R.T. 0.03 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:142 Resp: 795

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

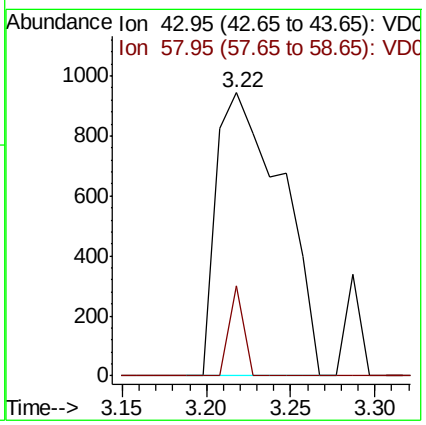


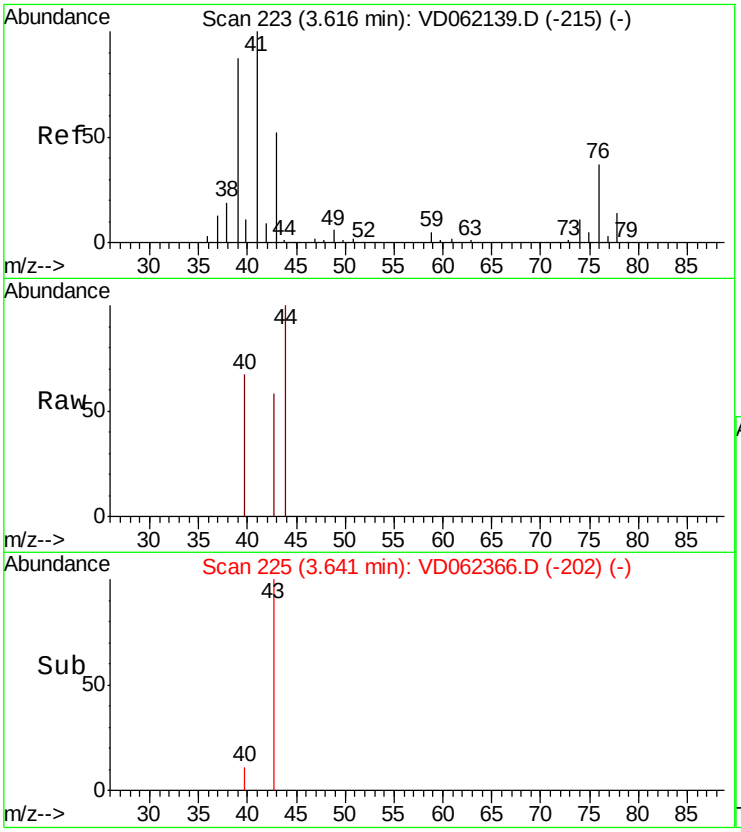


#16
Acetone
Concen: 32.897 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.02 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Tgt Ion: 43 Resp: 2548

Ion	Ratio	Lower	Upper
43	100		
58	31.8	19.9	29.9#



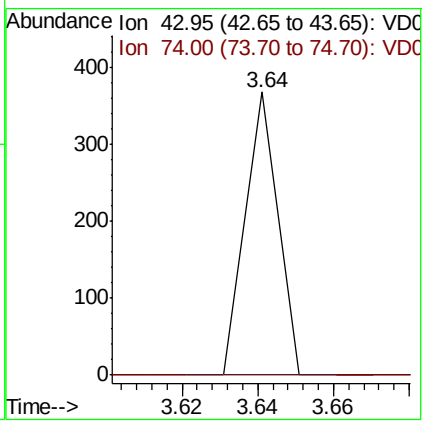


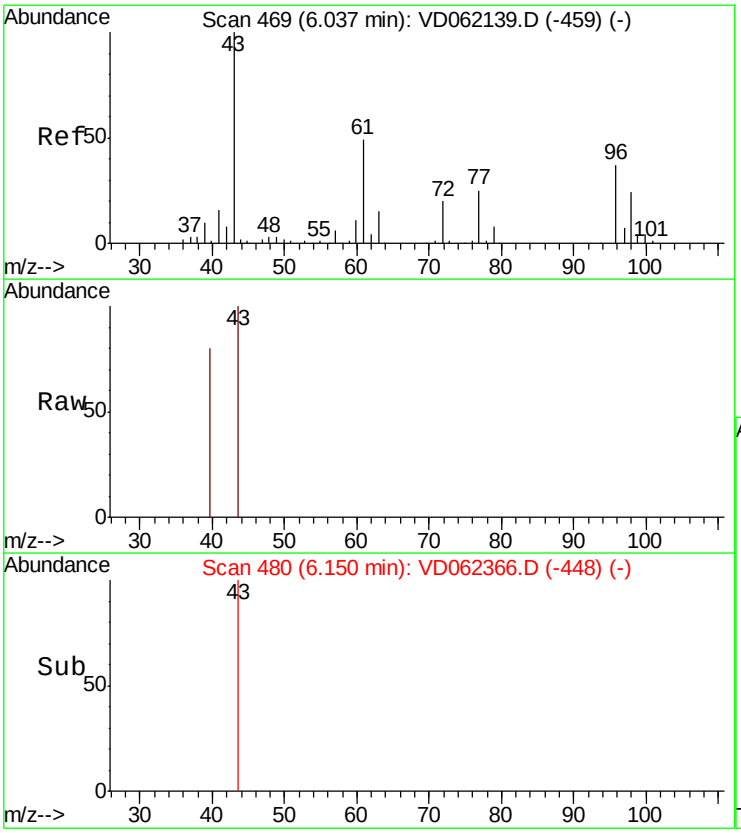
#18
Methyl Acetate
Concen: 1.271 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.02 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 217

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#

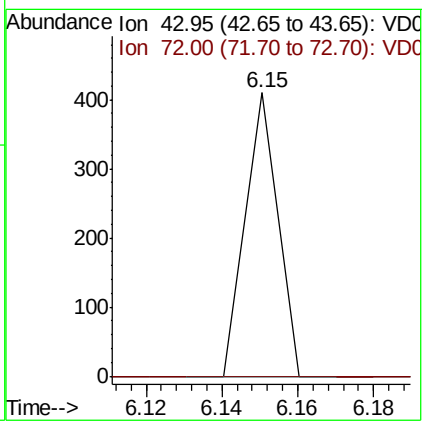


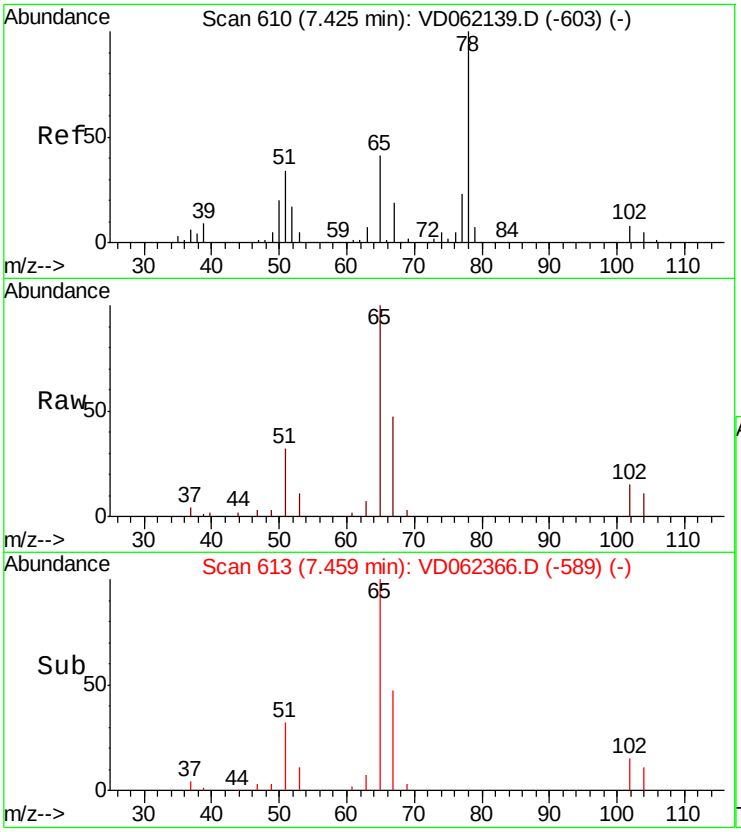


#25
2-Butanone
Concen: 2.864 ug/l
RT: 6.15 min Scan# 480
Delta R.T. 0.11 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Tgt Ion: 43 Resp: 242

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#



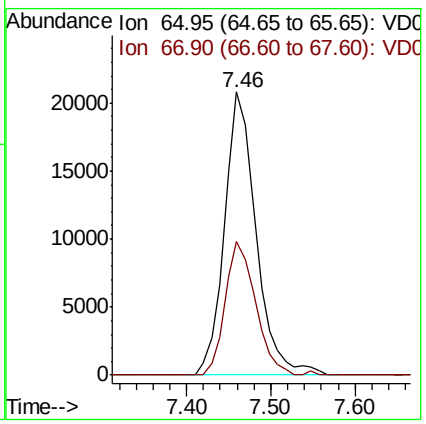


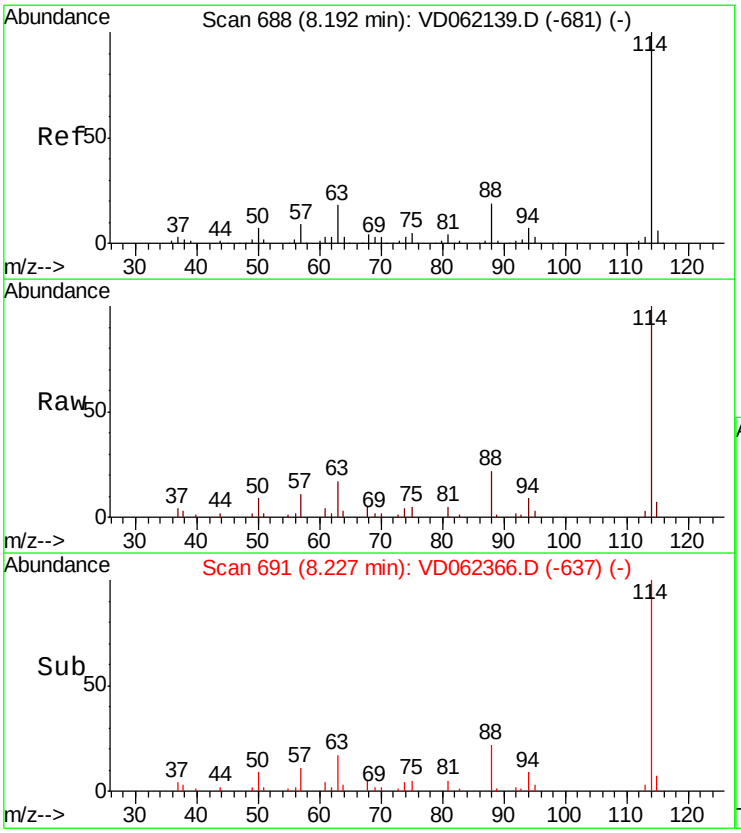
#33
1,2-Dichloroethane-d4
Concen: 146.739 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 54196

Ion	Ratio	Lower	Upper
65	100		
67	47.1	0.0	98.0

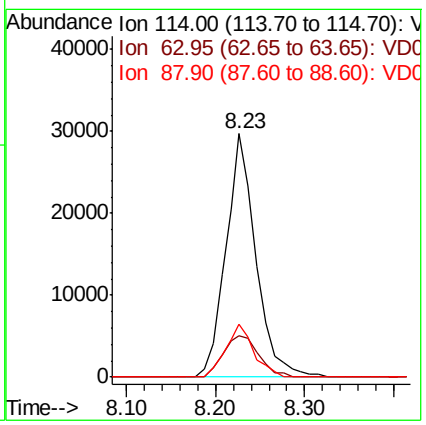


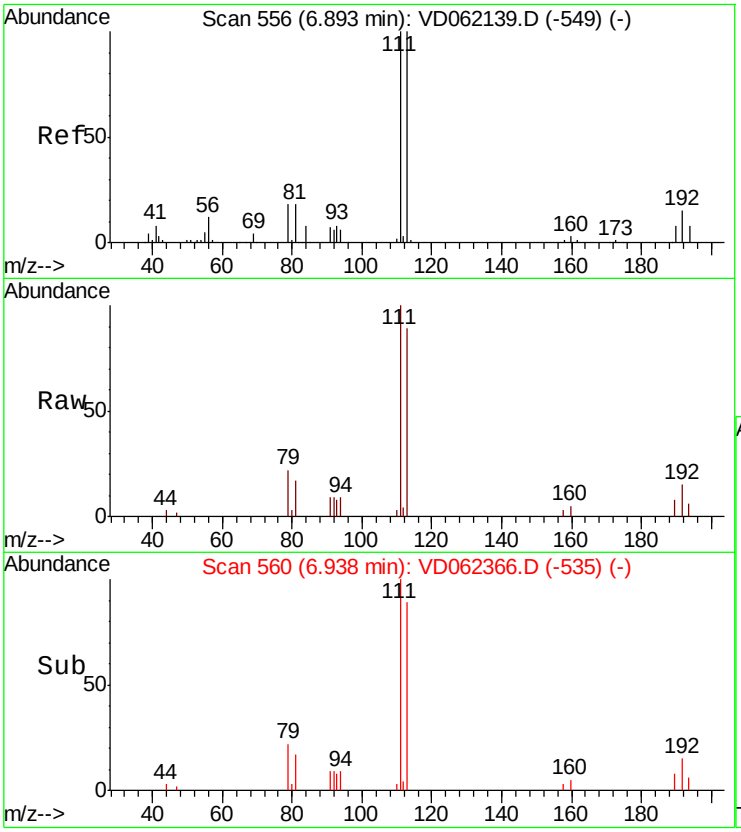


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.03 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Tgt Ion:114 Resp: 69736

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	32.4
88	21.9	0.0	33.6



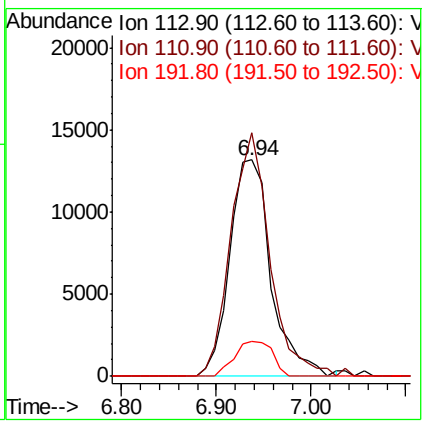


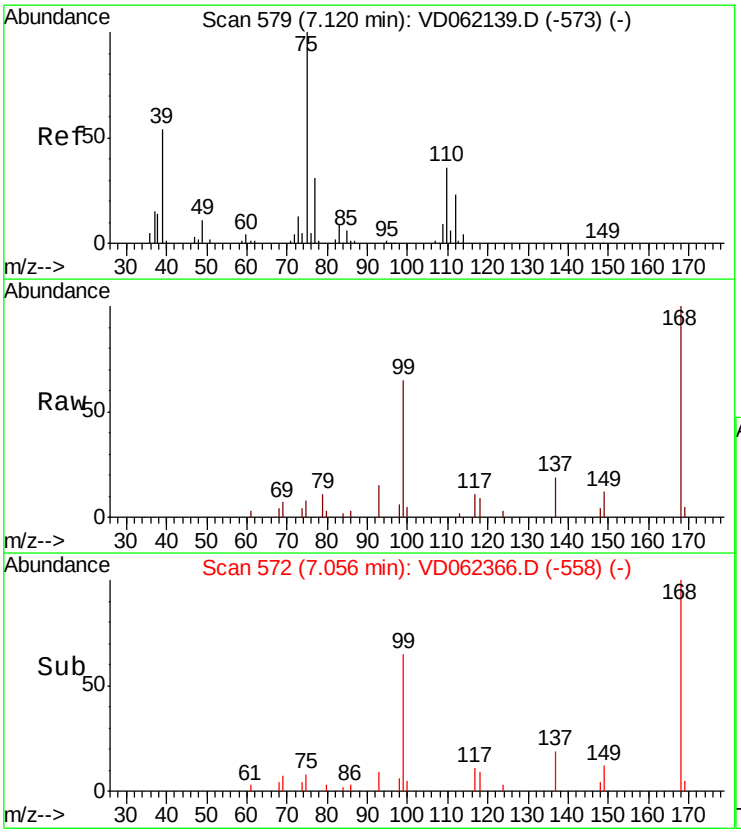
#35
Dibromofluoromethane
Concen: 68.919 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.04 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 39877

Ion	Ratio	Lower	Upper
113	100		
111	112.5	78.5	117.7
192	16.4	13.0	19.4

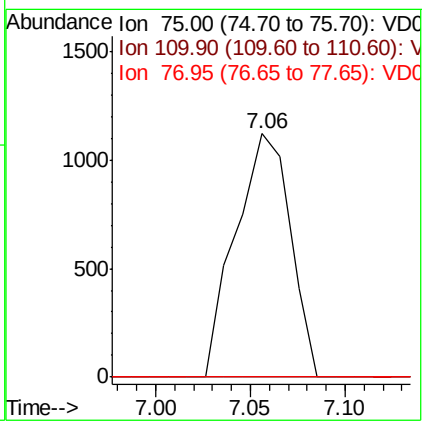


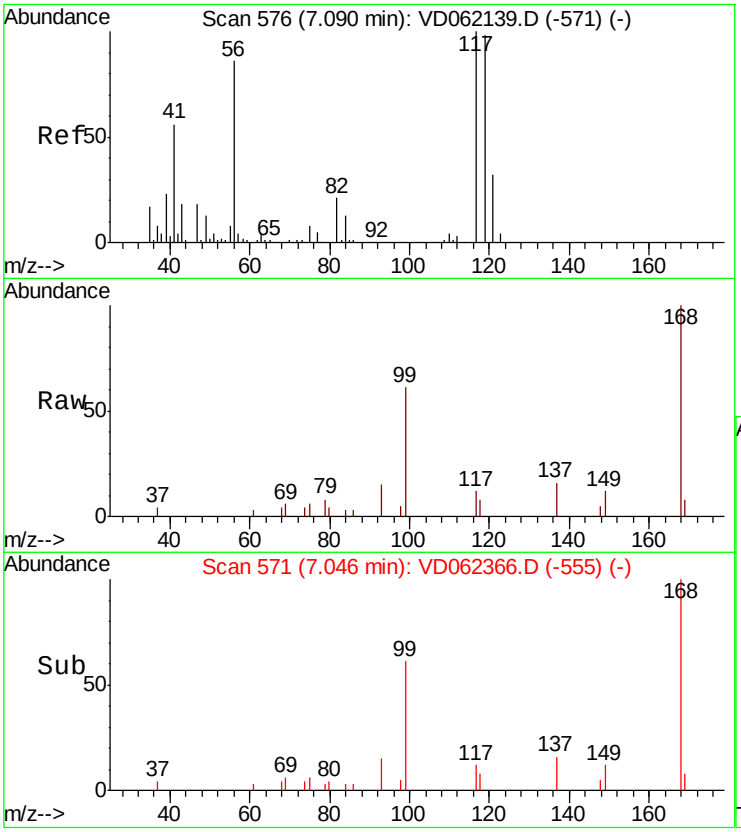


#36
1,1-Dichloropropene
Concen: 3.946 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.06 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Tgt Ion: 75 Resp: 2256

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



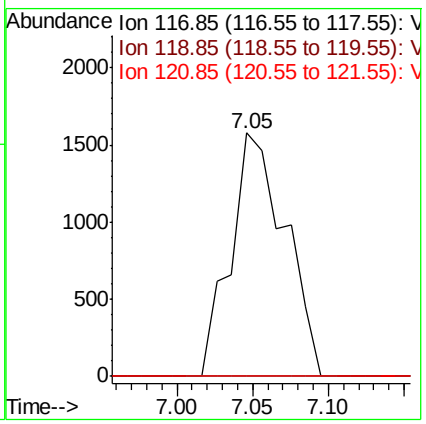


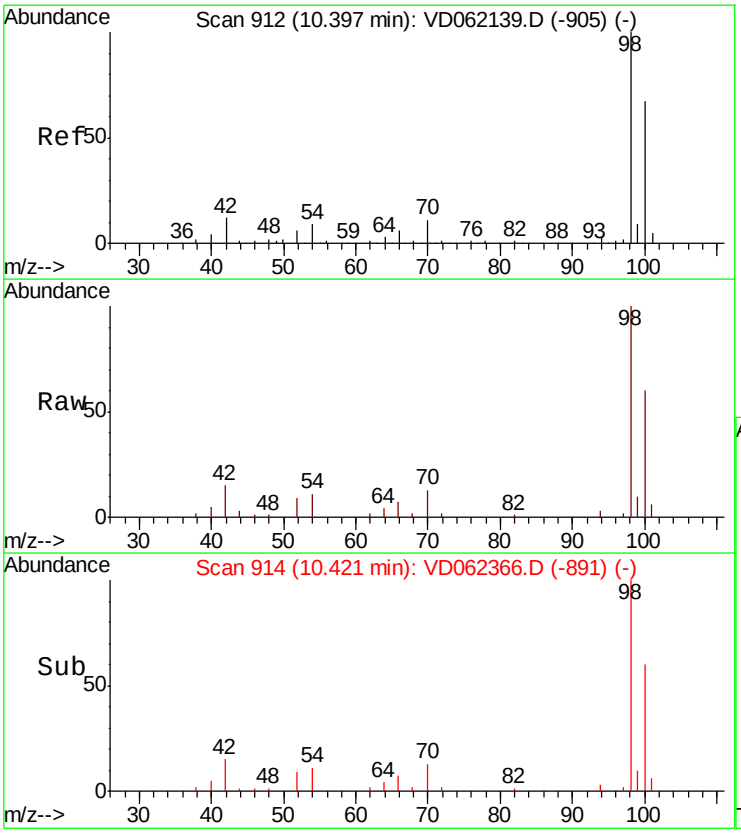
#38
Carbon Tetrachloride
Concen: 5.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.04 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 3957

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

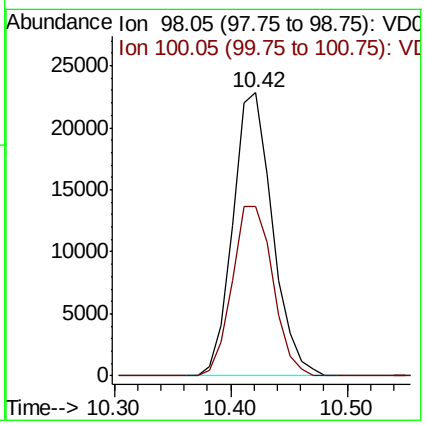


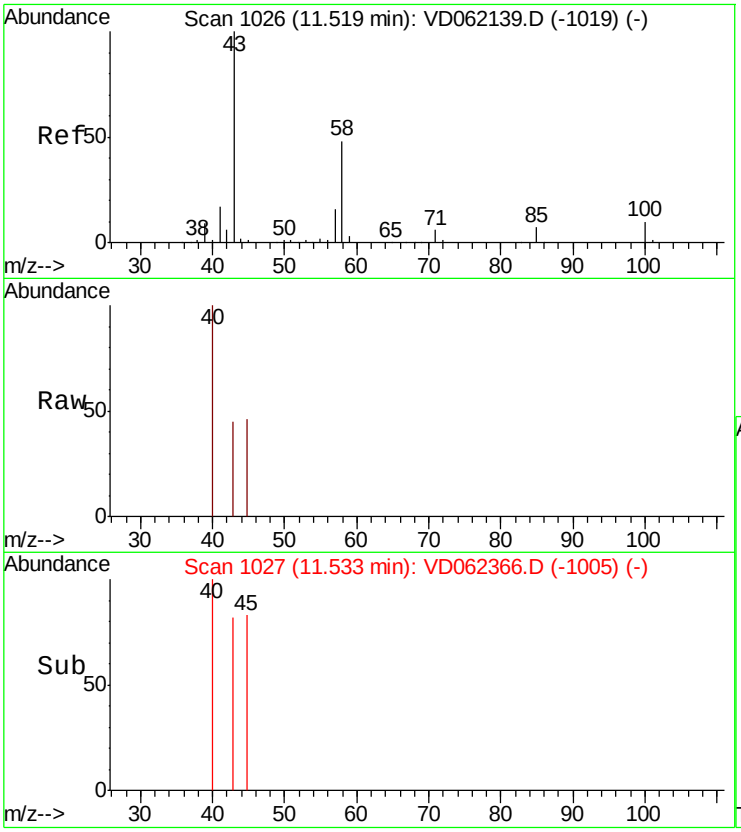


#50
Toluene-d8
Concen: 38.487 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Tgt Ion: 98 Resp: 53692

Ion	Ratio	Lower	Upper
98	100		
100	59.9	53.8	80.8



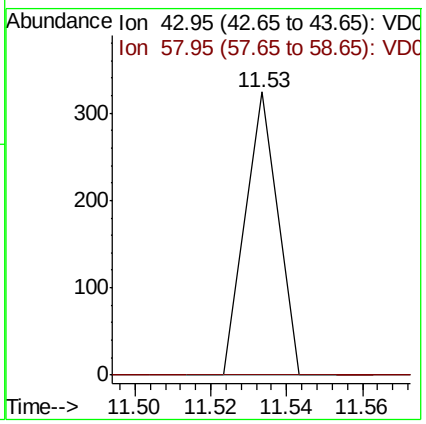


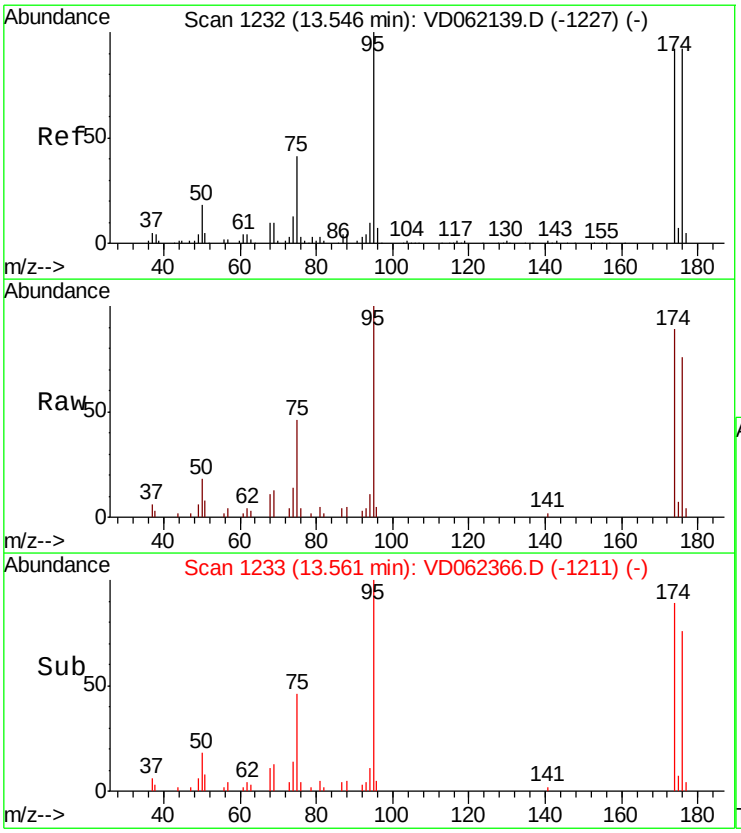
#59
2-Hexanone
Concen: 1.172 ug/l
RT: 11.53 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 191

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.4	76.4#

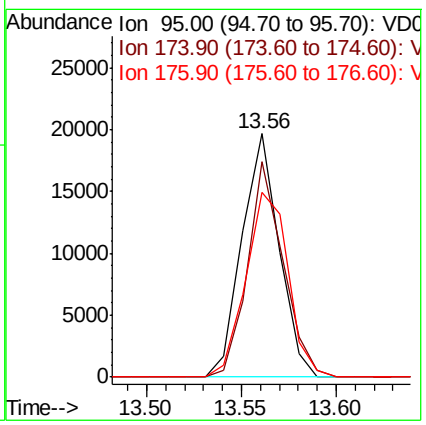


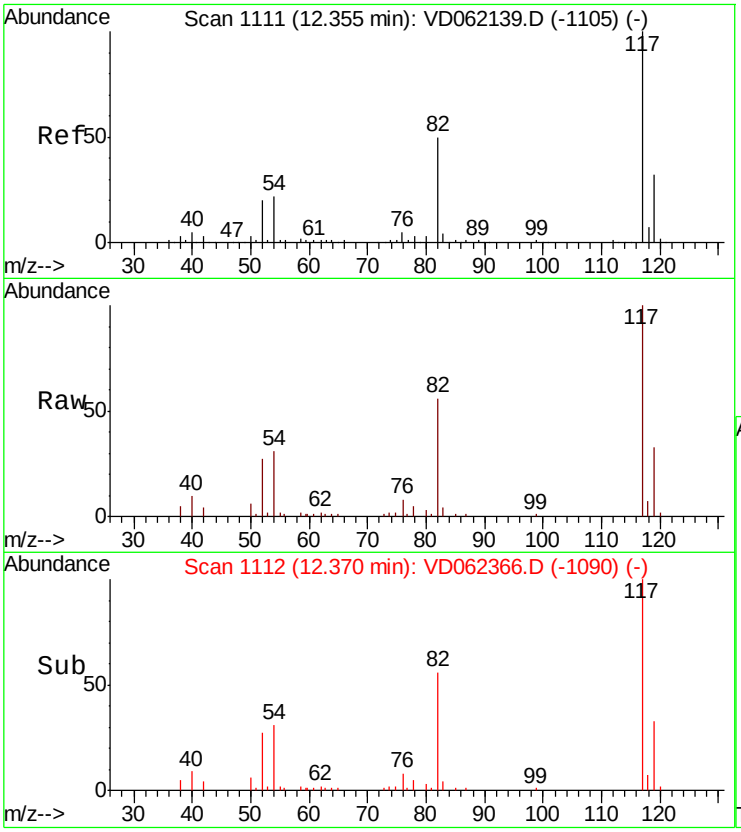


#62
4-Bromofluorobenzene
Concen: 47.625 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Tgt Ion: 95 Resp: 26680

Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	181.8
176	76.1	0.0	174.4



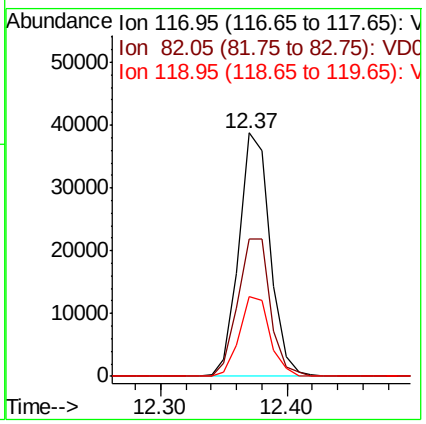


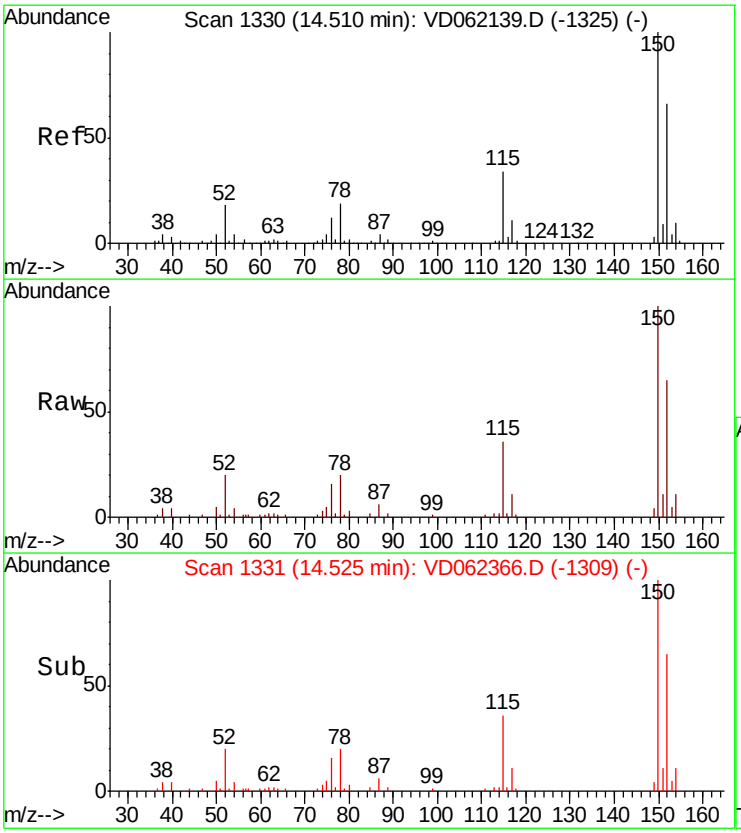
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 66447

Ion	Ratio	Lower	Upper
117	100		
82	56.2	36.2	54.2#
119	32.8	26.2	39.4

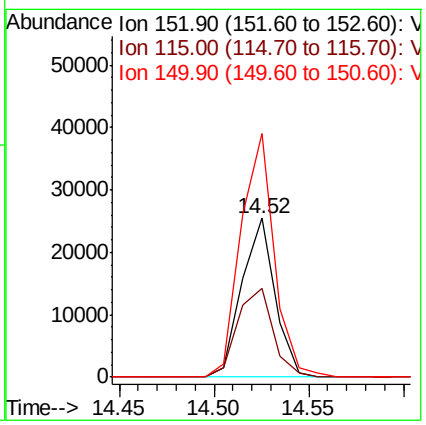


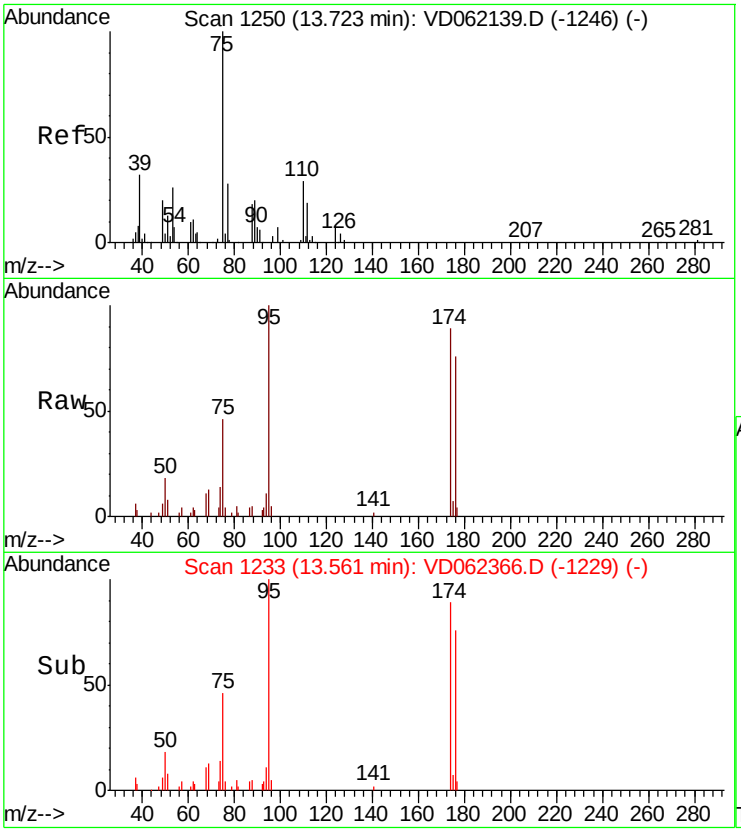


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Tgt Ion:152 Resp: 30826

Ion	Ratio	Lower	Upper
152	100		
115	55.6	30.9	92.7
150	153.3	0.0	314.8



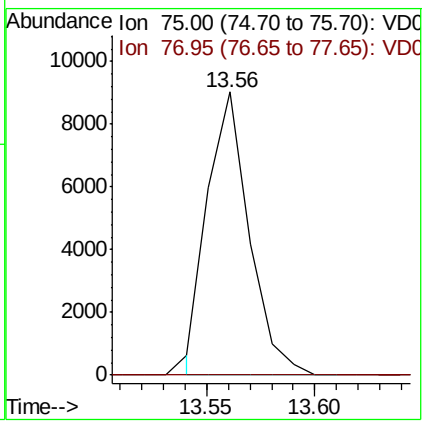


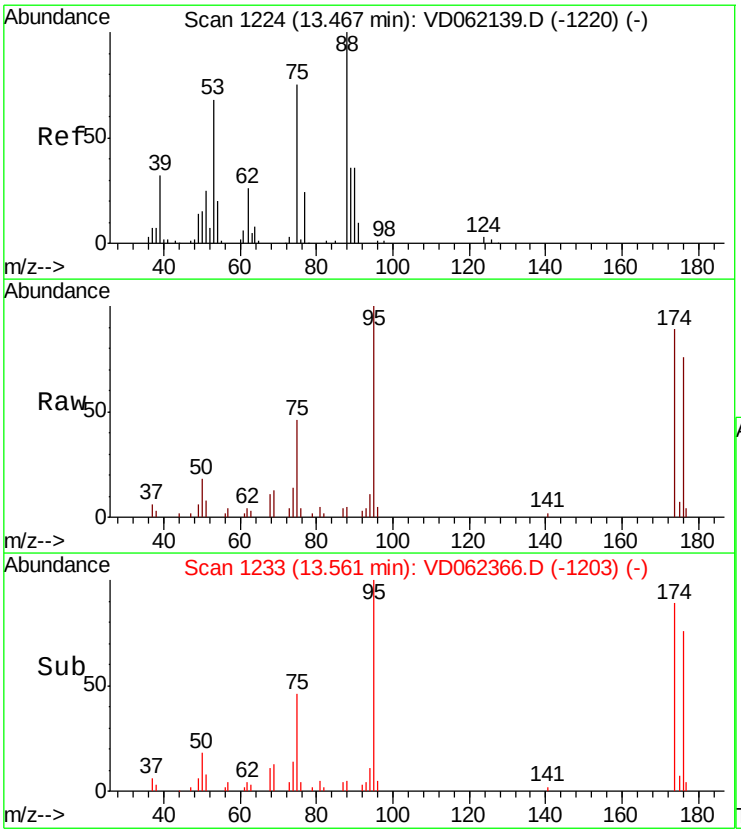
#76
1,2,3-Trichloropropane
Concen: 33.144 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.16 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 12142

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.4	49.4#

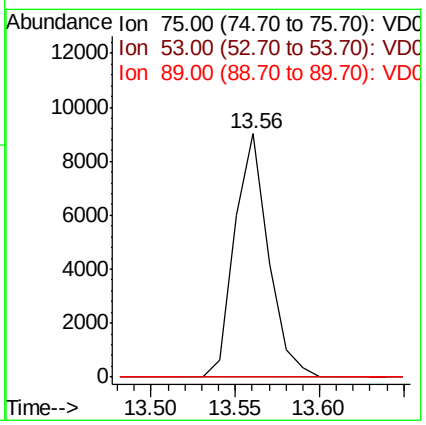


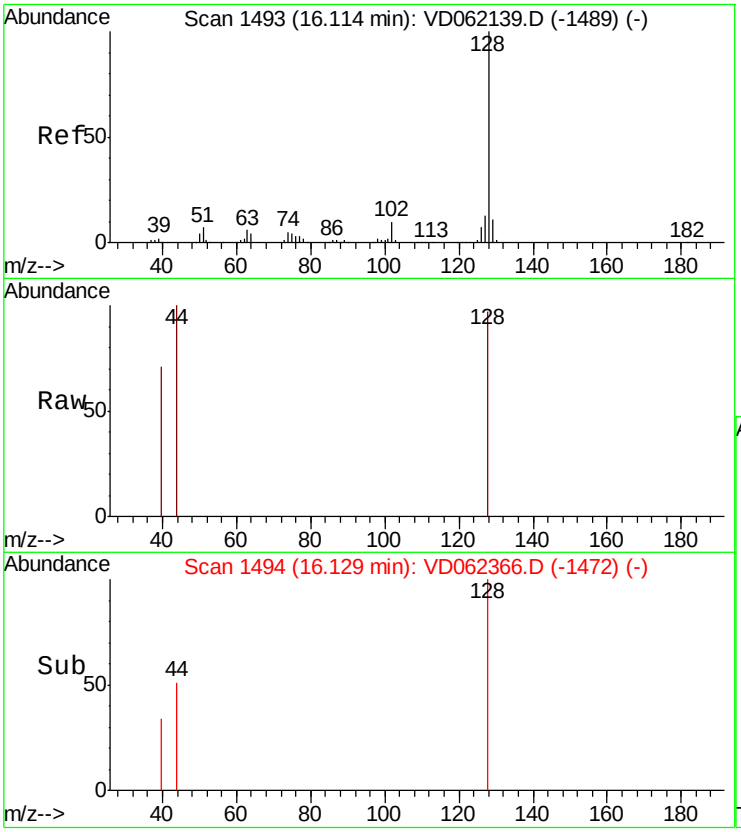


#81
trans-1,4-Dichloro-2-butene
Concen: 120.924 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Tgt Ion: 75 Resp: 12506

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





#95
Naphthalene
Concen: 1.449 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 1146

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