Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061719\
Data File : VD062722.D
Acq On : 17 Jun 2019 13:13
Operator : VA/AP
Sample : K3406-01
Misc : 5.88g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BAT-B14

Quant Time: Jun 18 06:23:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	689117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1018645	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	677684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	275920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	321596	32.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.68%			
35) Dibromofluoromethane	6.92	113	344525	32.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.14%			
50) Toluene-d8	10.41	98	628580	27.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 55.62%			
62) 4-Bromofluorobenzene	13.55	95	229769	21.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 43.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	762	Below Cal	#	42
5) Bromomethane	2.17	94	4281	1.206	ug/l #	11
10) Methyl Iodide	3.30	142	1892	4.150	ug/l #	79
11) Tert butyl alcohol	4.09	59	478	1.169	ug/l #	61
13) Acrolein	3.02	56	580	4.411	ug/l #	12
16) Acetone	3.23	43	79993	43.931	ug/l	98
18) Methyl Acetate	3.64	43	10688	3.572	ug/l #	90
20) Methylene Chloride	3.81	84	15820	1.874	ug/l #	72
31) Cyclohexane	7.04	56	16633	2.120	ug/l #	19
36) 1,1-Dichloropropene	7.04	75	52743	4.524	ug/l #	50
37) Ethyl Acetate	6.16	43	2230	1.639	ug/l #	47
38) Carbon Tetrachloride	7.04	117	72740	3.947	ug/l #	14
52) Toluene	10.51	92	24657	1.611	ug/l	88
71) Bromoform	13.24	173	307	2.884	ug/l #	38
81) trans-1,4-Dichloro-2-buten	13.55	75	112744	97.598	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.94	180	1679	3.788	ug/l #	52
95) Naphthalene	16.12	128	5856	3.994	ug/l #	80

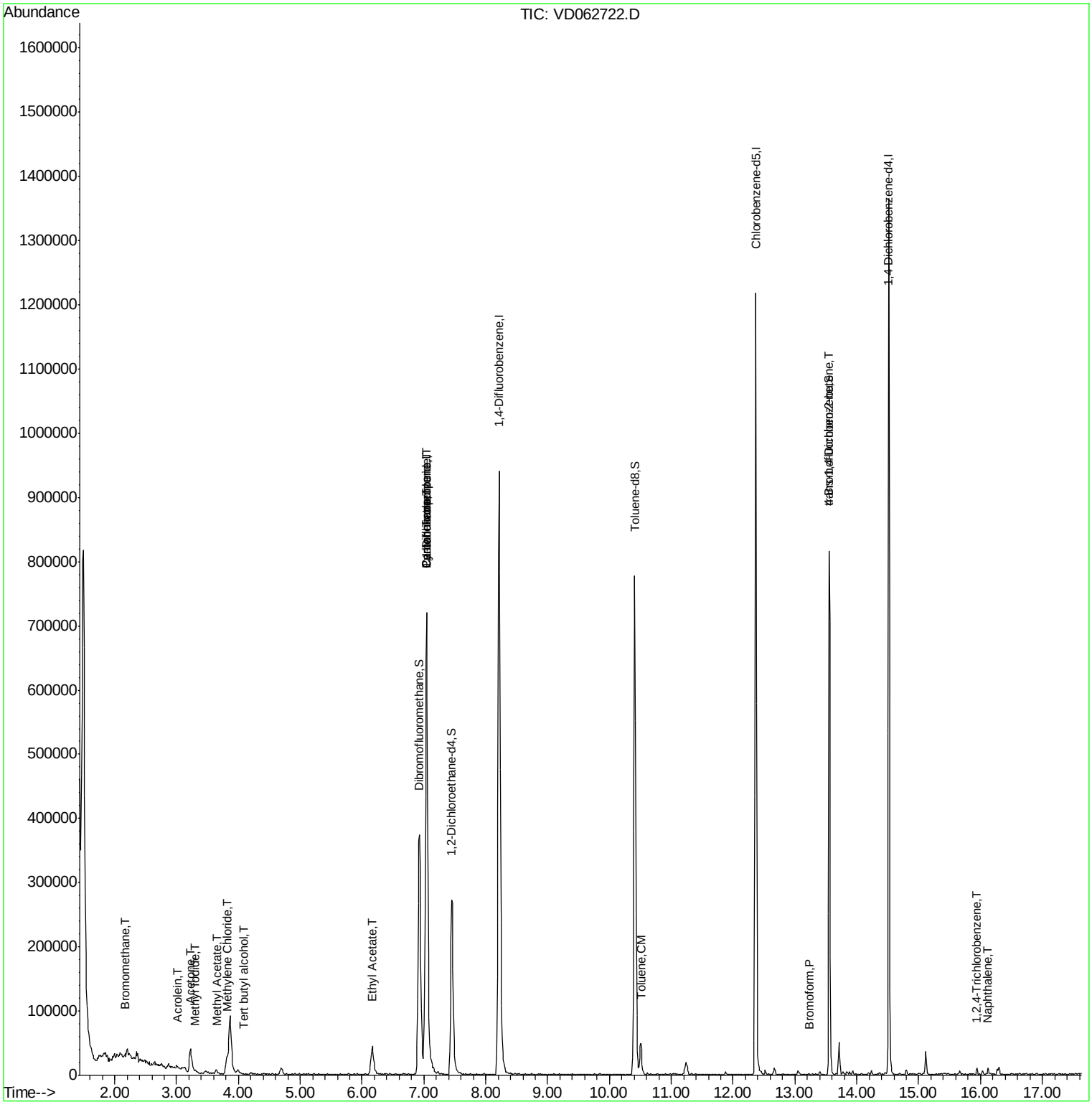
(#) = qualifier out of range (m) = manual integration (+) = signals summed

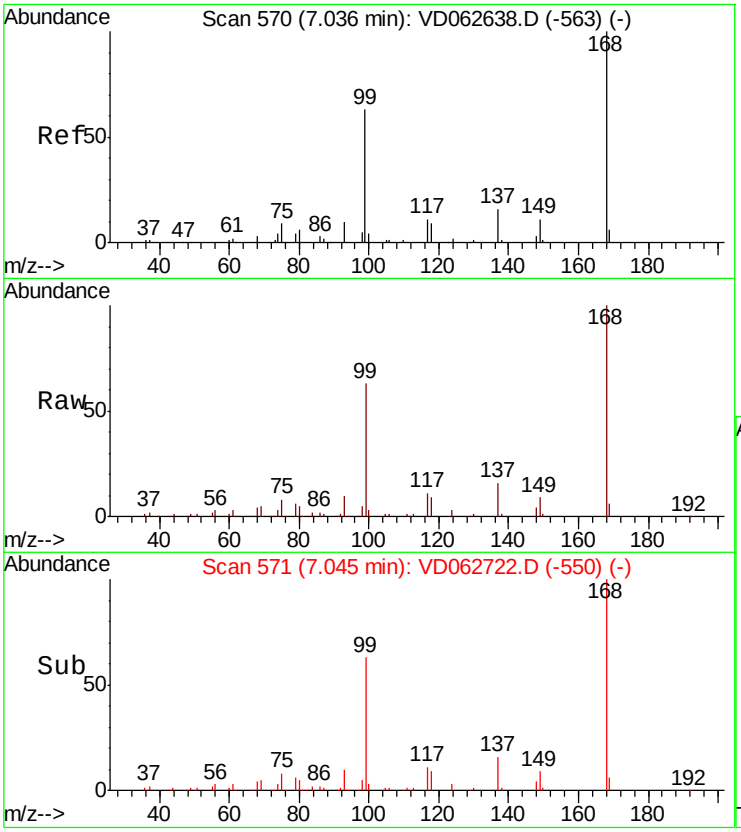
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
Data File : VD062722.D
Acq On : 17 Jun 2019 13:13
Operator : VA/AP
Sample : K3406-01
Misc : 5.88g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BAT-B14

Quant Time: Jun 18 06:23:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration



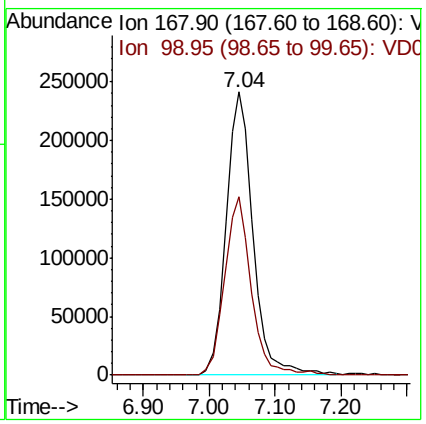


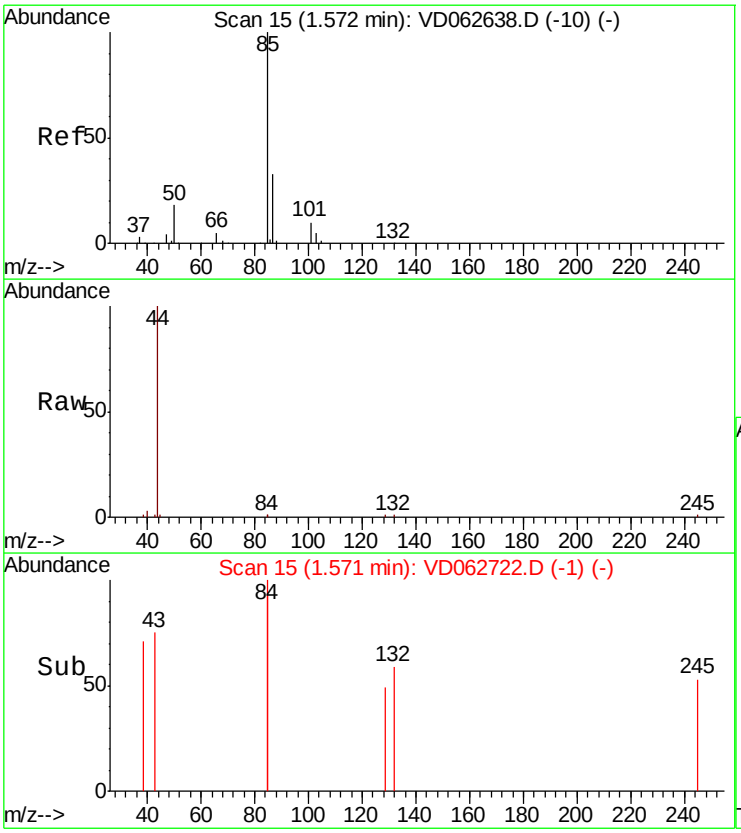
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Instrument :
MSVOA_D
ClientSampleId :
BAT-B14

Tgt Ion:168 Resp: 689117

Ion	Ratio	Lower	Upper
168	100		
99	63.1	51.4	77.2

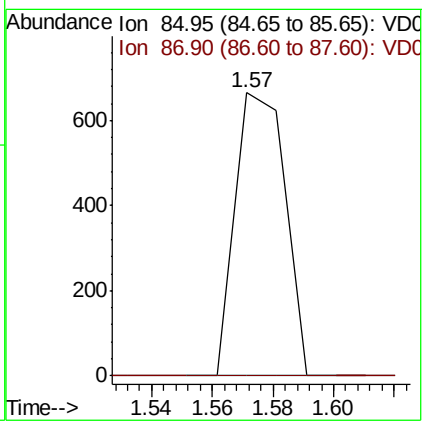


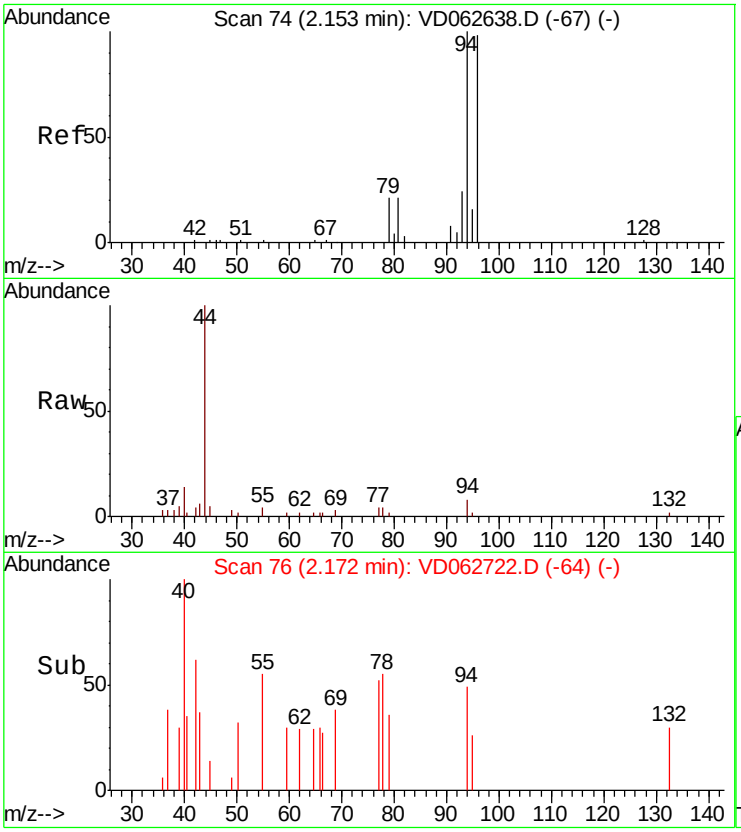


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.57 min Scan# 15
Delta R.T. 0.00 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Tgt Ion: 85 Resp: 762

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.7#



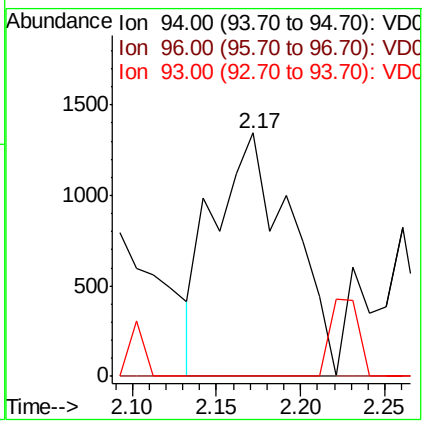


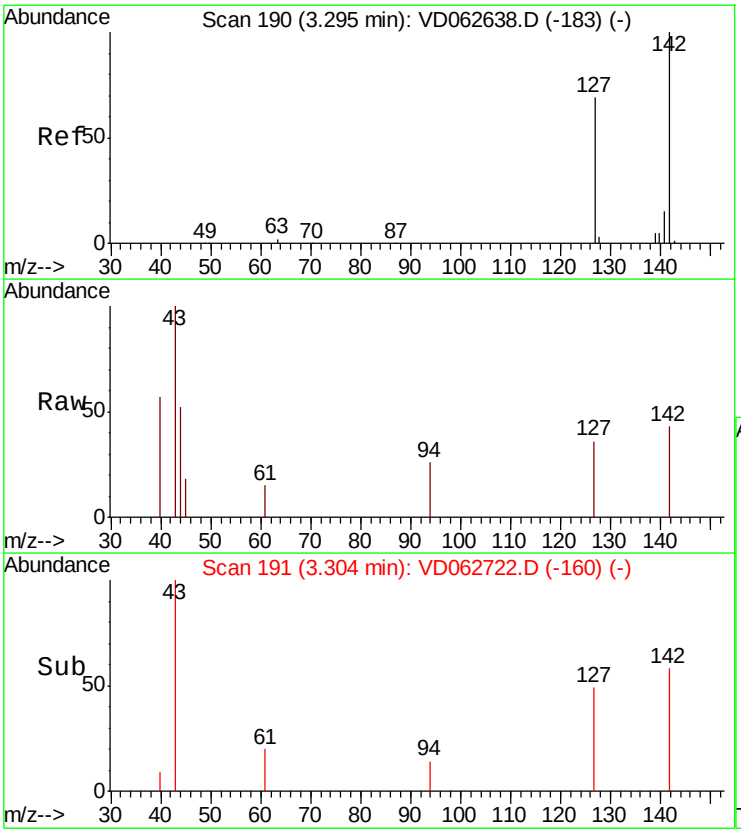
#5
Bromomethane
Concen: 1.206 ug/l
RT: 2.17 min Scan# 76
Delta R.T. 0.02 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Instrument :
MSVOA_D
ClientSampleId :
BAT-B14

Tgt Ion: 94 Resp: 4281

Ion	Ratio	Lower	Upper
94	100		
96	0.0	78.1	117.1#
93	0.0	19.6	29.4#

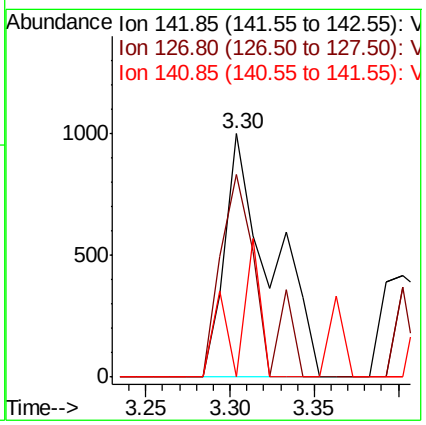


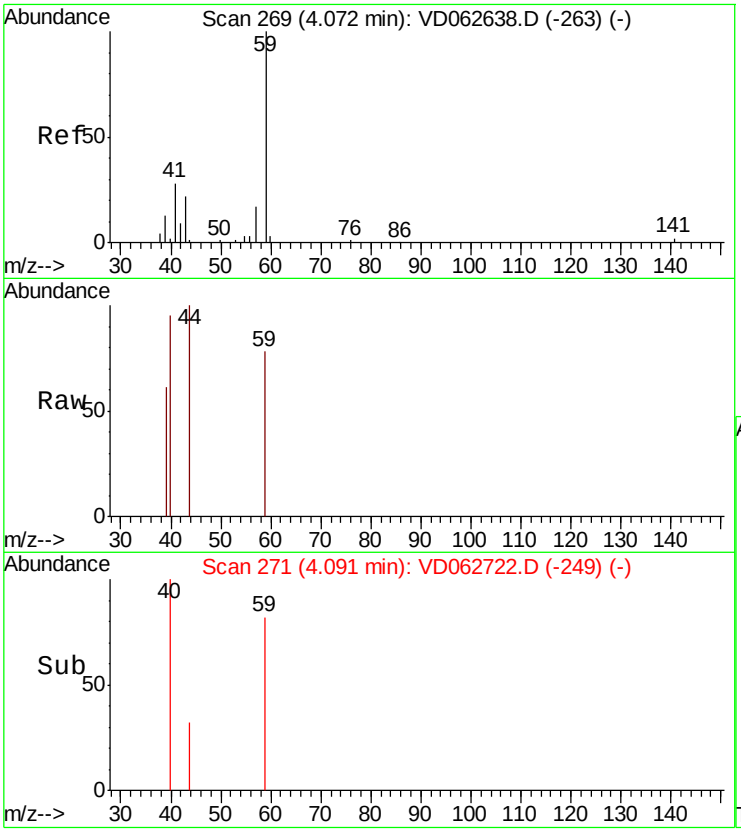


#10
Methyl Iodide
Concen: 4.150 ug/l
RT: 3.30 min Scan# 191
Delta R.T. 0.01 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Tgt Ion:142 Resp: 1892

Ion	Ratio	Lower	Upper
142	100		
127	83.4	55.2	82.8#
141	0.0	12.1	18.1#



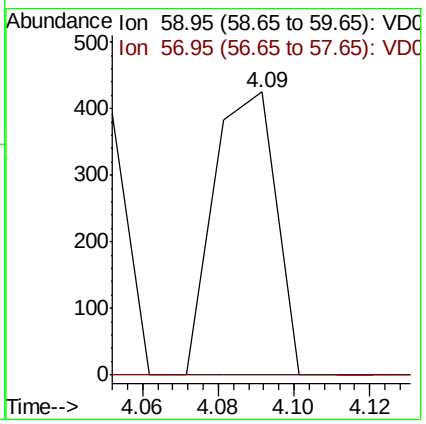


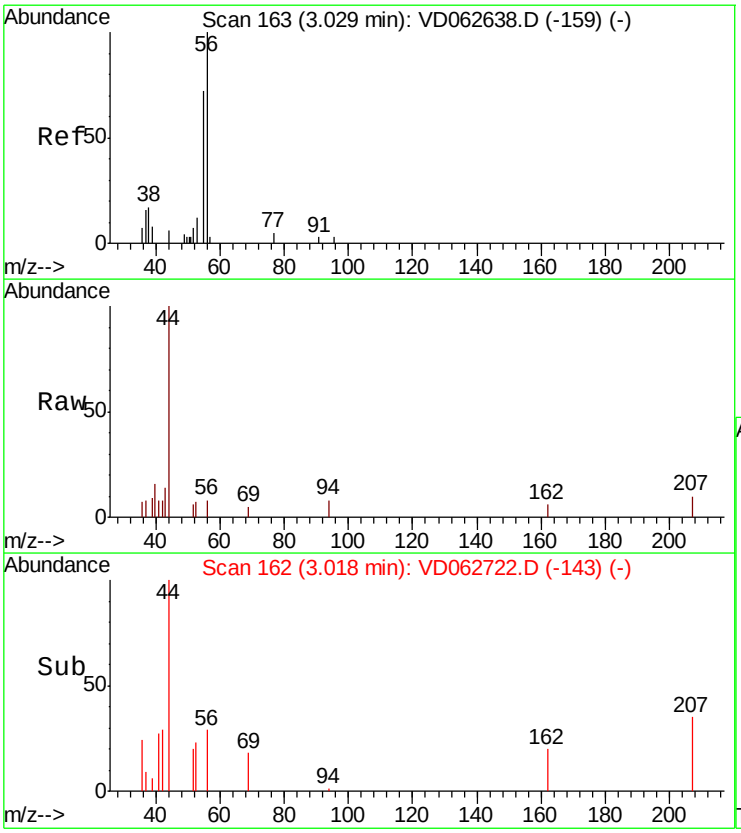
#11
Tert butyl alcohol
Concen: 1.169 ug/l
RT: 4.09 min Scan# 271
Delta R.T. 0.02 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Instrument :
MSVOA_D
ClientSampleId :
BAT-B14

Tgt Ion: 59 Resp: 478

Ion	Ratio	Lower	Upper
59	100		
57	0.0	13.7	20.5#

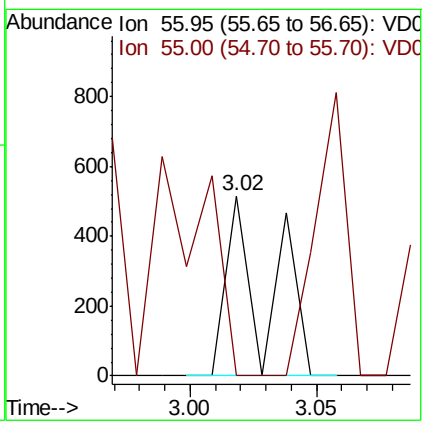


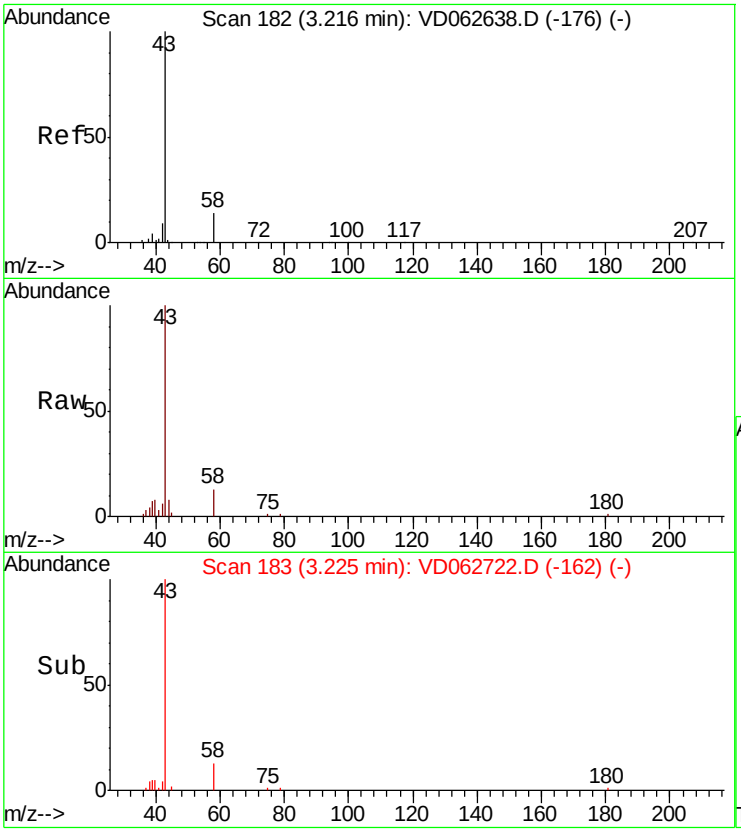


#13
Acrolein
Concen: 4.411 ug/l
RT: 3.02 min Scan# 162
Delta R.T. -0.01 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Tgt Ion: 56 Resp: 580

Ion	Ratio	Lower	Upper
56	100		
55	0.0	59.4	89.0#



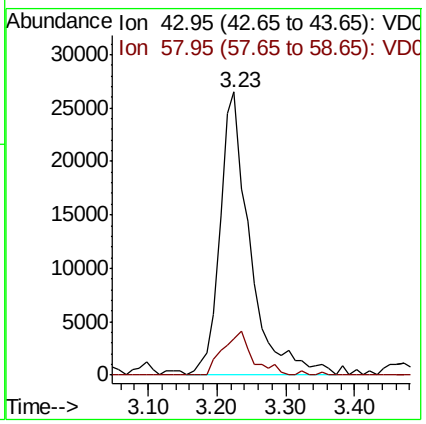


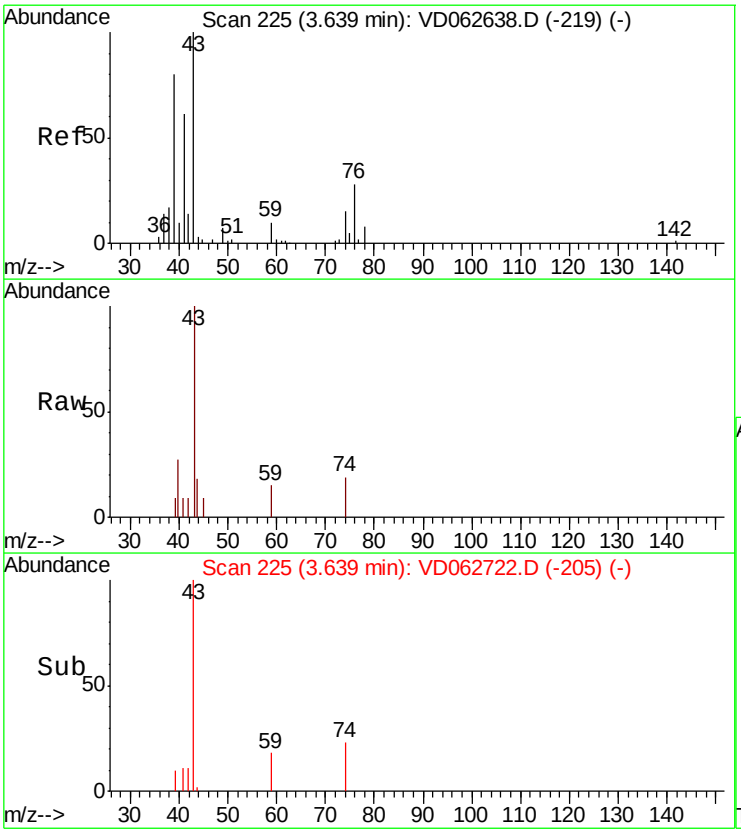
#16
Acetone
Concen: 43.931 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Instrument :
MSVOA_D
ClientSampleId :
BAT-B14

Tgt Ion: 43 Resp: 79993

Ion	Ratio	Lower	Upper
43	100		
58	12.9	10.8	16.2

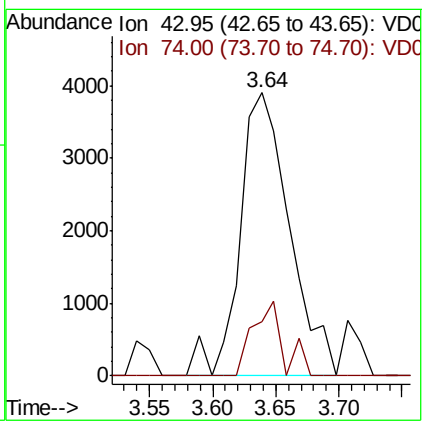


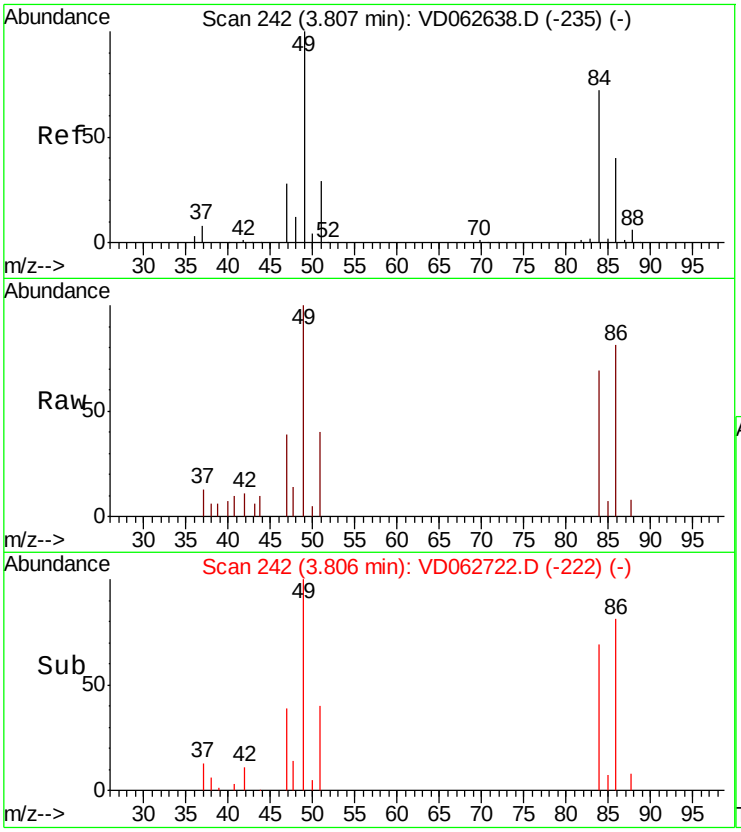


#18
Methyl Acetate
Concen: 3.572 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.00 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Tgt Ion: 43 Resp: 10688

Ion	Ratio	Lower	Upper
43	100		
74	19.1	12.1	18.1#



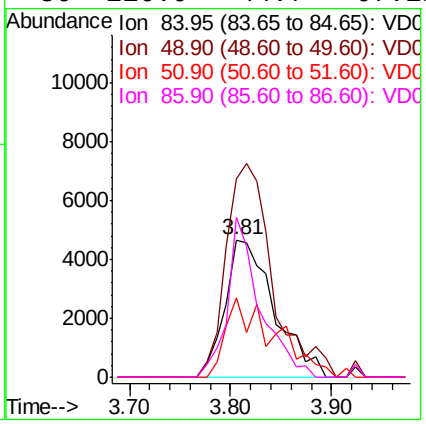


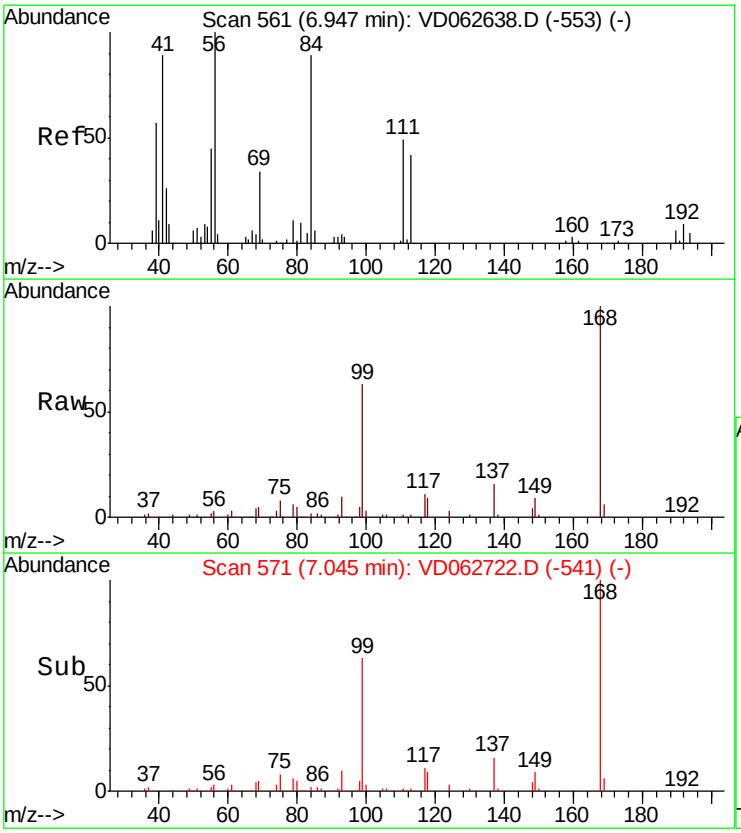
#20
Methylene Chloride
Concen: 1.874 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.00 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Instrument : MSVOA_D
ClientSampleId : BAT-B14

Tgt Ion: 84 Resp: 15820

Ion	Ratio	Lower	Upper
84	100		
49	144.7	111.2	166.8
51	57.8	31.9	47.9#
86	116.9	44.7	67.1#

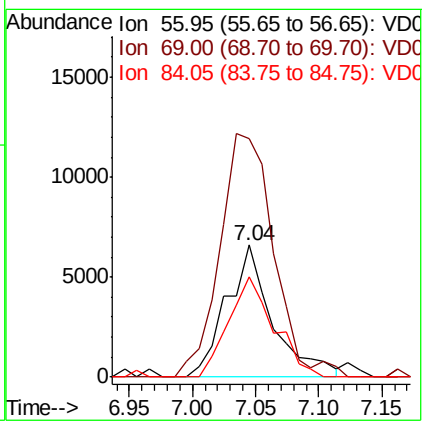


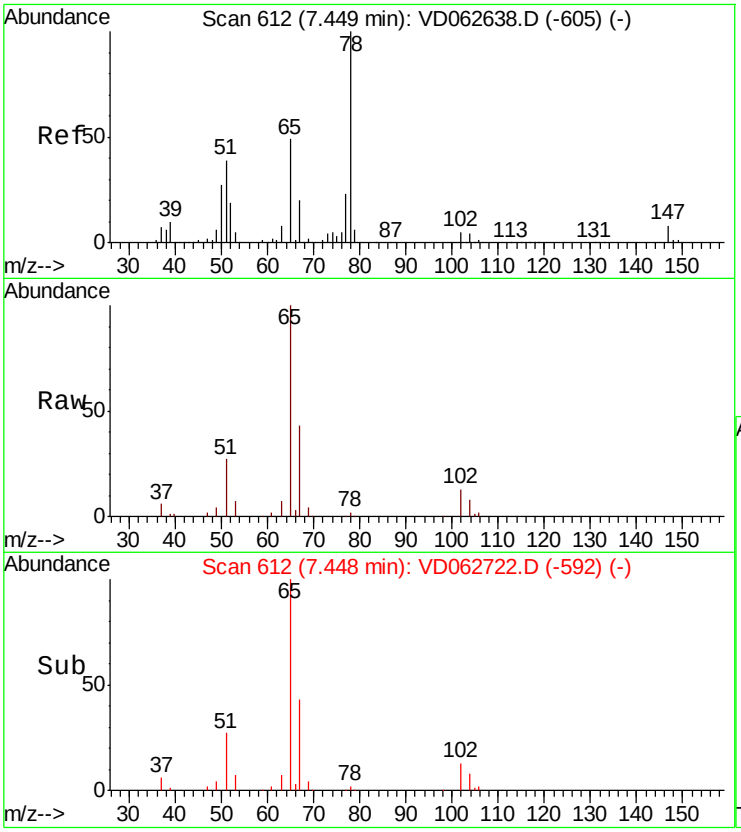


#31
Cyclohexane
Concen: 2.120 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.10 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Tgt Ion: 56 Resp: 16633

Ion	Ratio	Lower	Upper
56	100		
69	181.3	26.8	40.2#
84	76.5	73.9	110.9



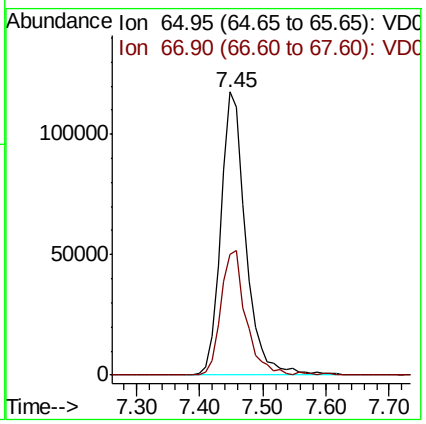


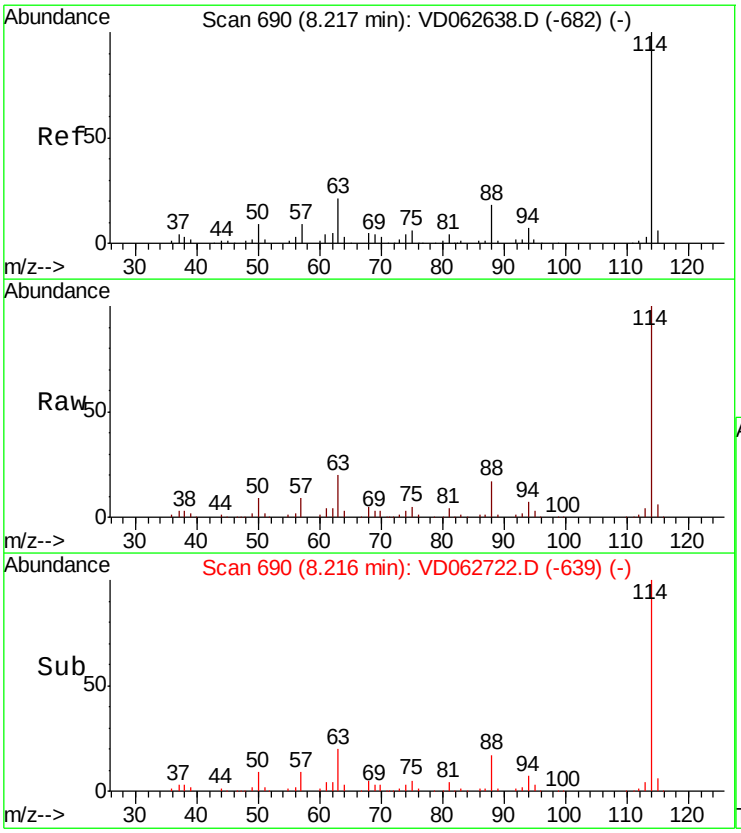
#33
1,2-Dichloroethane-d4
Concen: 32.341 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Instrument : MSVOA_D
ClientSampleId : BAT-B14

Tgt Ion: 65 Resp: 321596

Ion	Ratio	Lower	Upper
65	100		
67	42.5	0.0	81.8

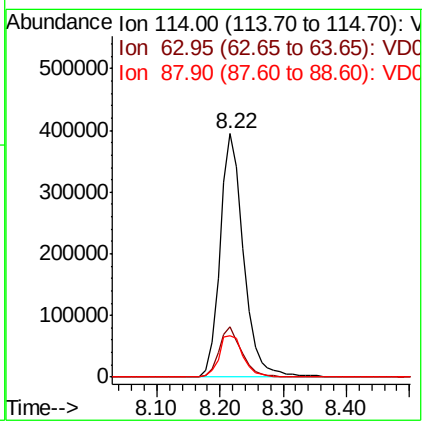


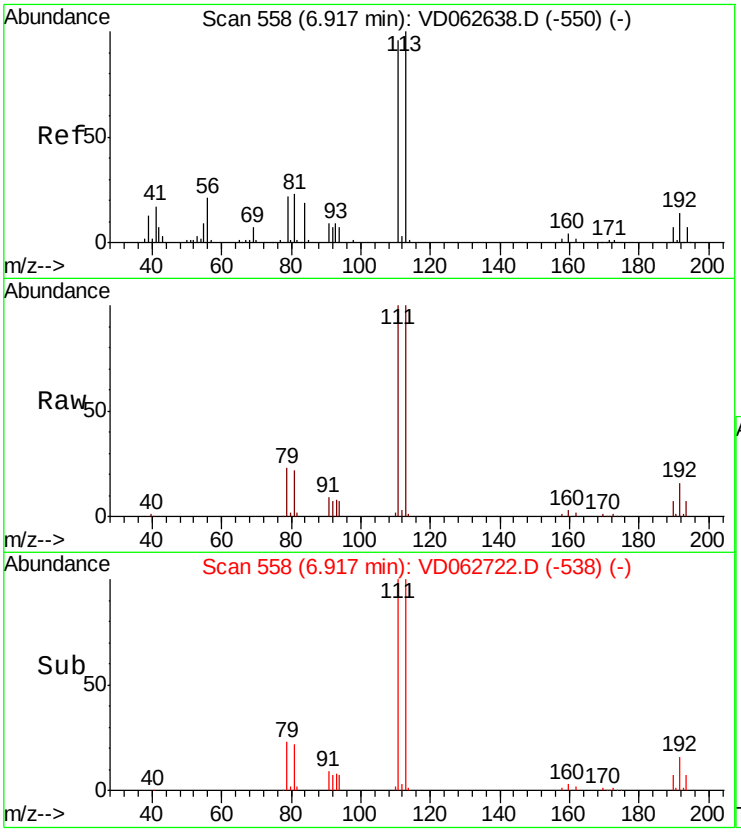


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Tgt Ion:114 Resp: 1018645

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.4
88	17.2	0.0	36.8



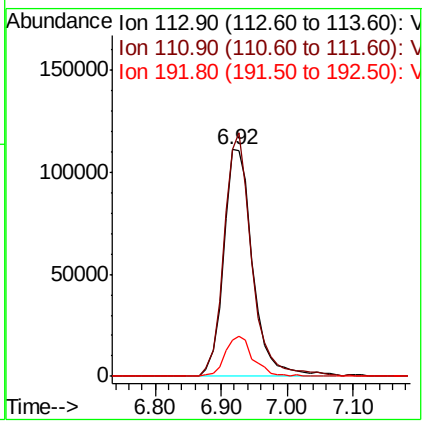


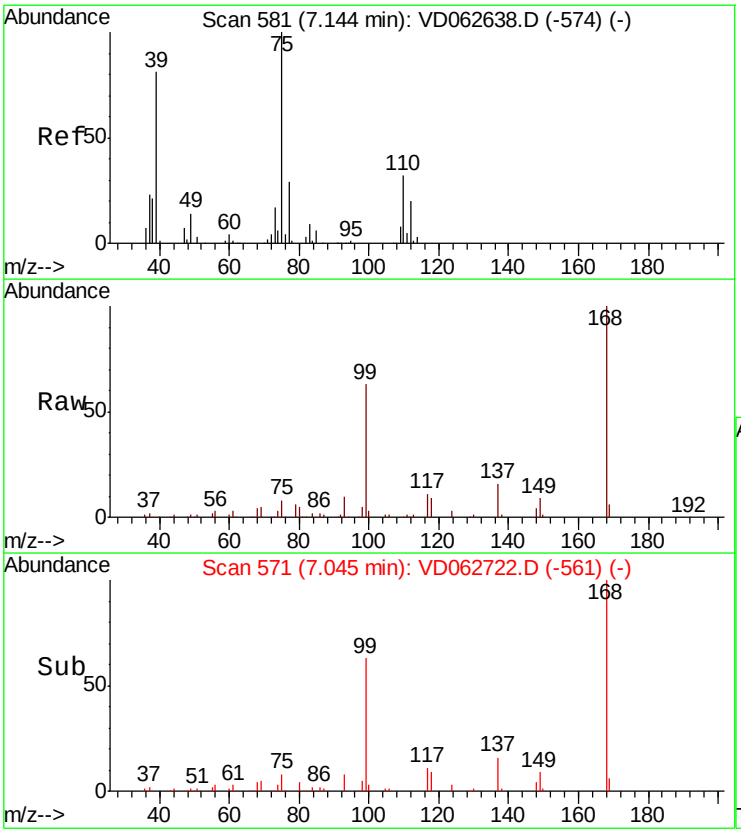
#35
Dibromofluoromethane
Concen: 32.070 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.00 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Instrument :
MSVOA_D
ClientSampleId :
BAT-B14

Tgt Ion:113 Resp: 344525

Ion	Ratio	Lower	Upper
113	100		
111	100.2	76.4	114.6
192	15.8	11.4	17.0

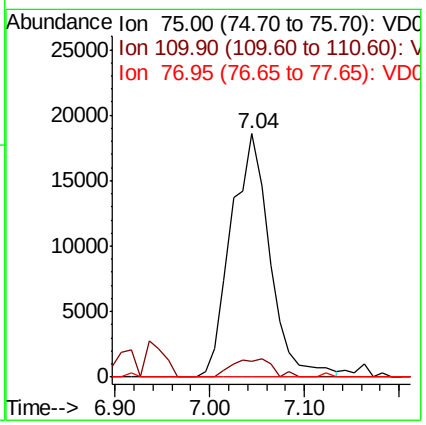


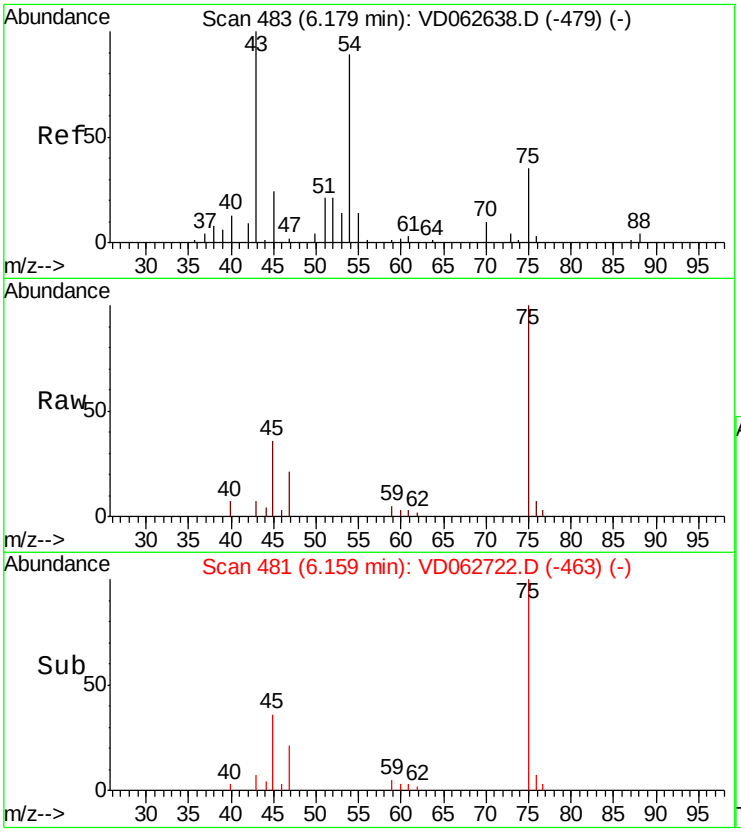


#36
1,1-Dichloropropene
Concen: 4.524 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Tgt Ion: 75 Resp: 52743

Ion	Ratio	Lower	Upper
75	100		
110	6.4	15.9	47.7#
77	0.0	23.3	34.9#



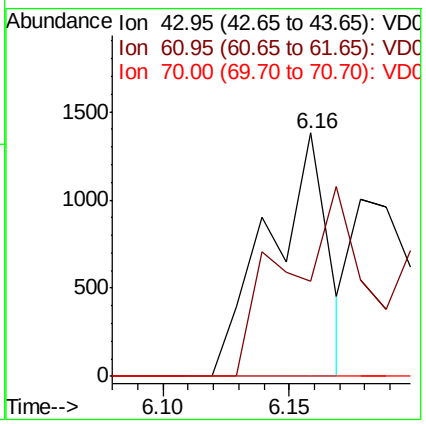


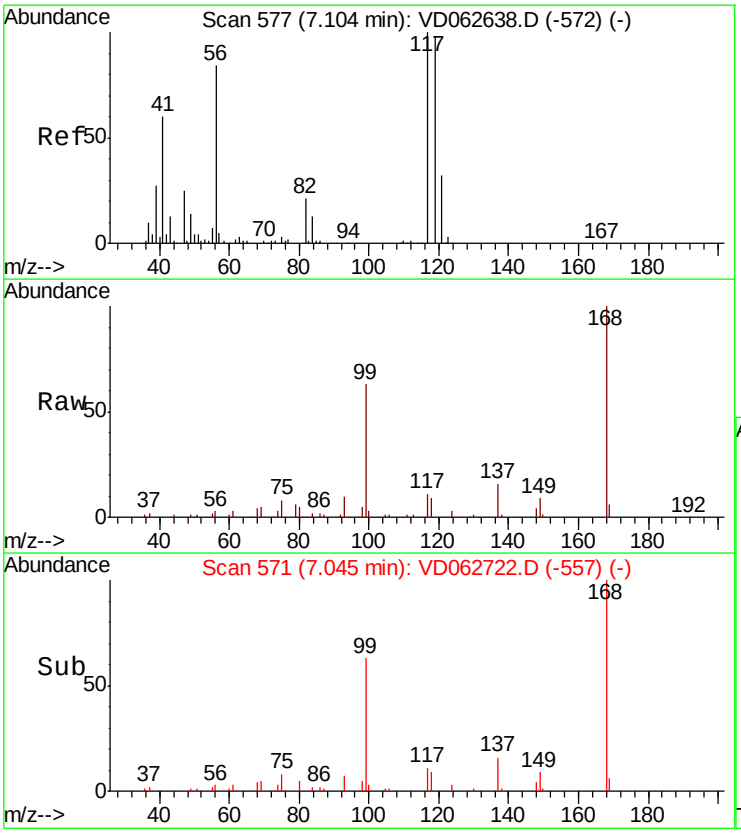
#37
Ethyl Acetate
Concen: 1.639 ug/l
RT: 6.16 min Scan# 481
Delta R.T. -0.02 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Instrument : MSVOA_D
ClientSampleId : BAT-B14

Tgt Ion: 43 Resp: 2230

Ion	Ratio	Lower	Upper
43	100		
61	39.1	8.7	13.1#
70	0.0	6.5	9.7#

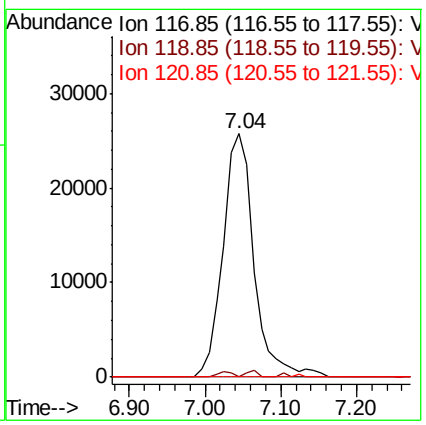


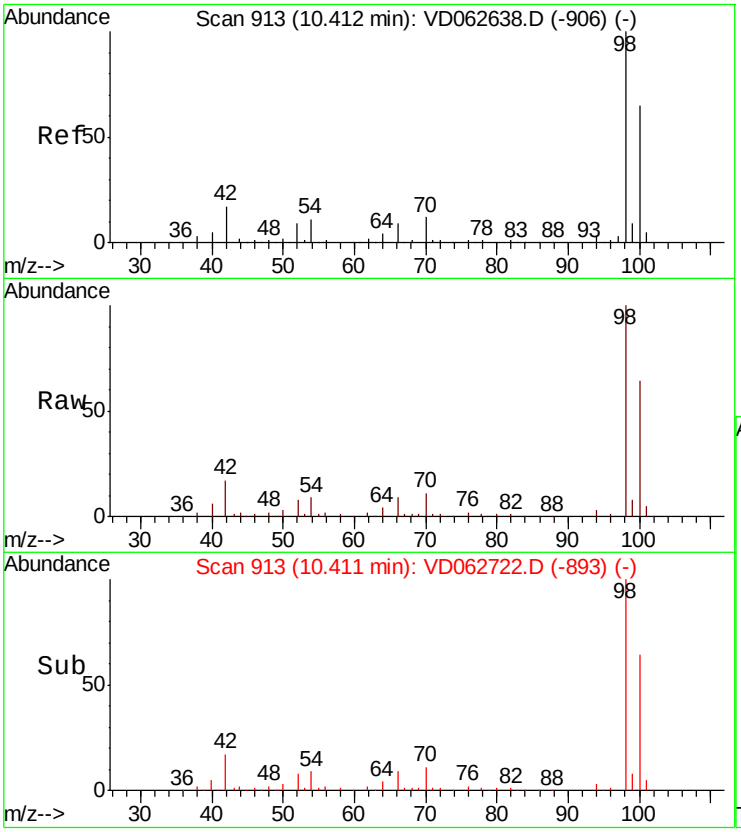


#38
Carbon Tetrachloride
Concen: 3.947 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.06 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Tgt Ion:117 Resp: 72740

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.5	110.3#
121	0.0	24.2	36.4#



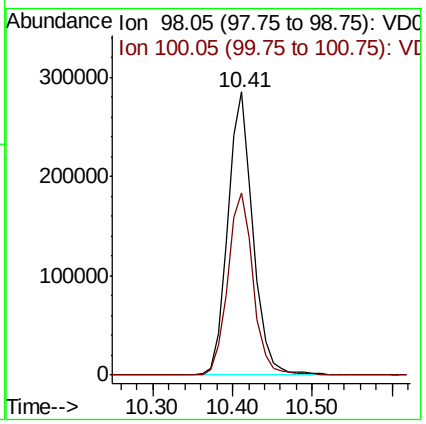


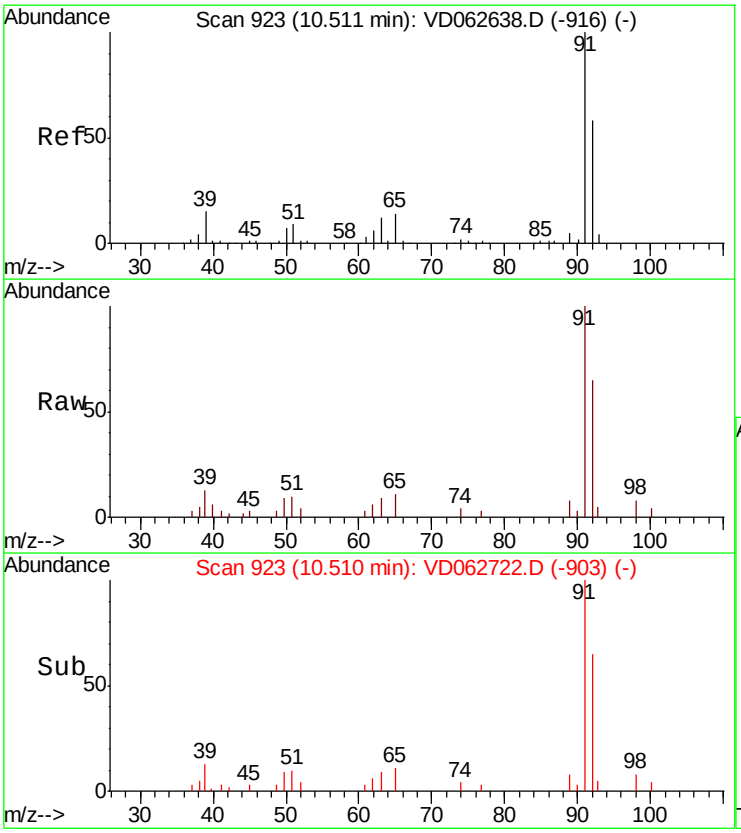
#50
Toluene-d8
Concen: 27.814 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Instrument : MSVOA_D
ClientSampleId : BAT-B14

Tgt Ion: 98 Resp: 628580

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.1	78.1

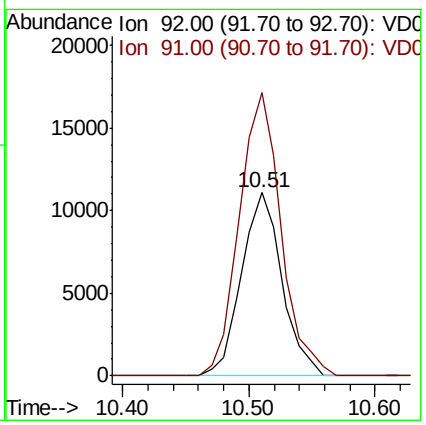


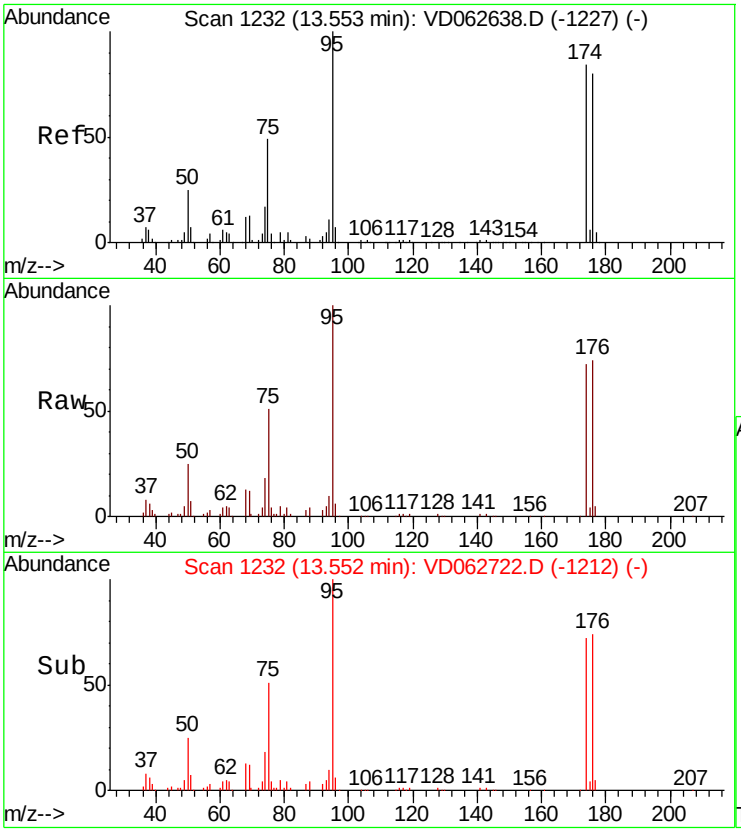


#52
Toluene
Concen: 1.611 ug/l
RT: 10.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Tgt Ion: 92 Resp: 24657

Ion	Ratio	Lower	Upper
92	100		
91	154.7	137.0	205.6



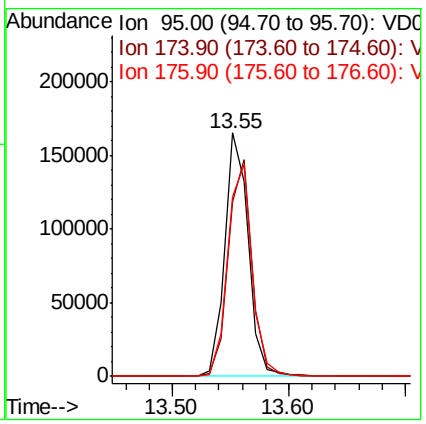


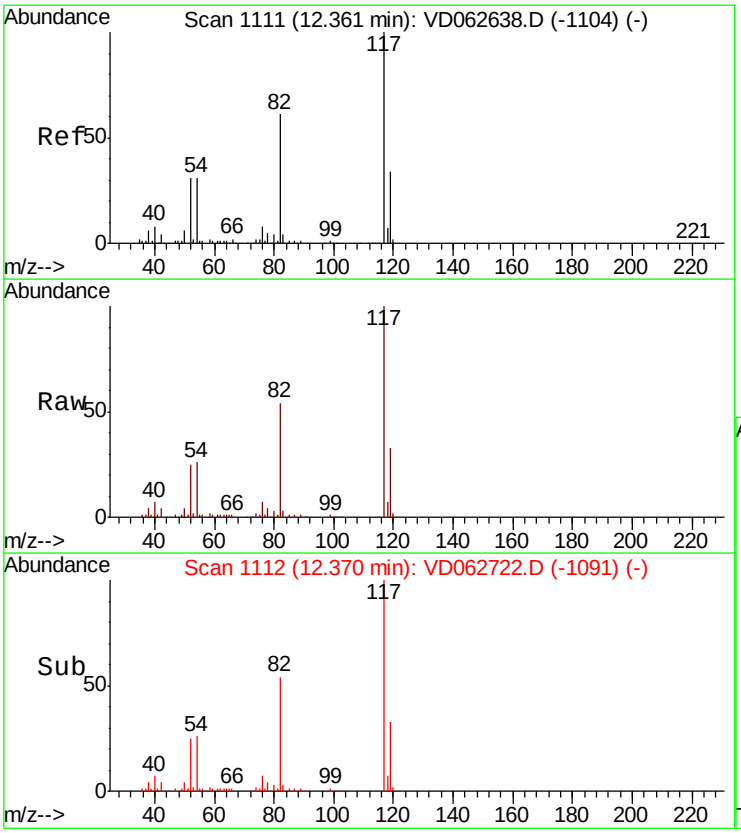
#62
4-Bromofluorobenzene
Concen: 21.793 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Instrument :
MSVOA_D
ClientSampleId :
BAT-B14

Tgt Ion: 95 Resp: 229769

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	167.0
176	74.0	0.0	159.2

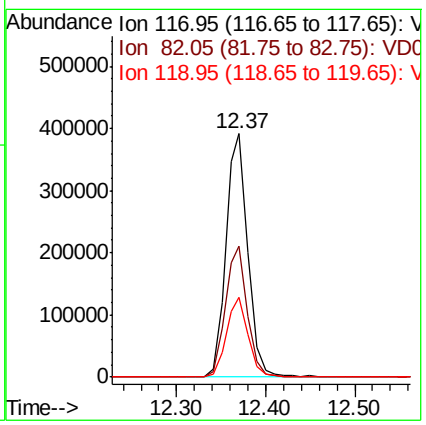


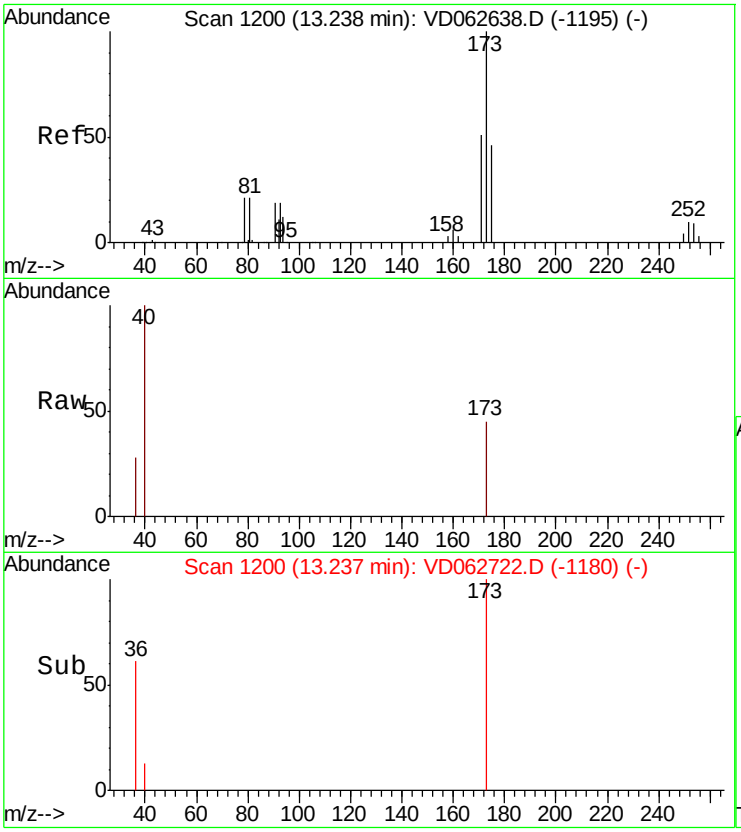


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Tgt Ion:117 Resp: 677684

Ion	Ratio	Lower	Upper
117	100		
82	53.6	48.7	73.1
119	32.7	27.0	40.6



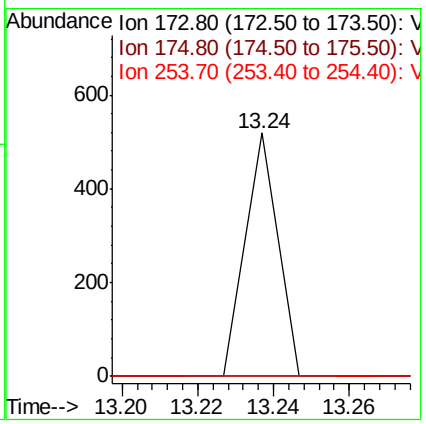


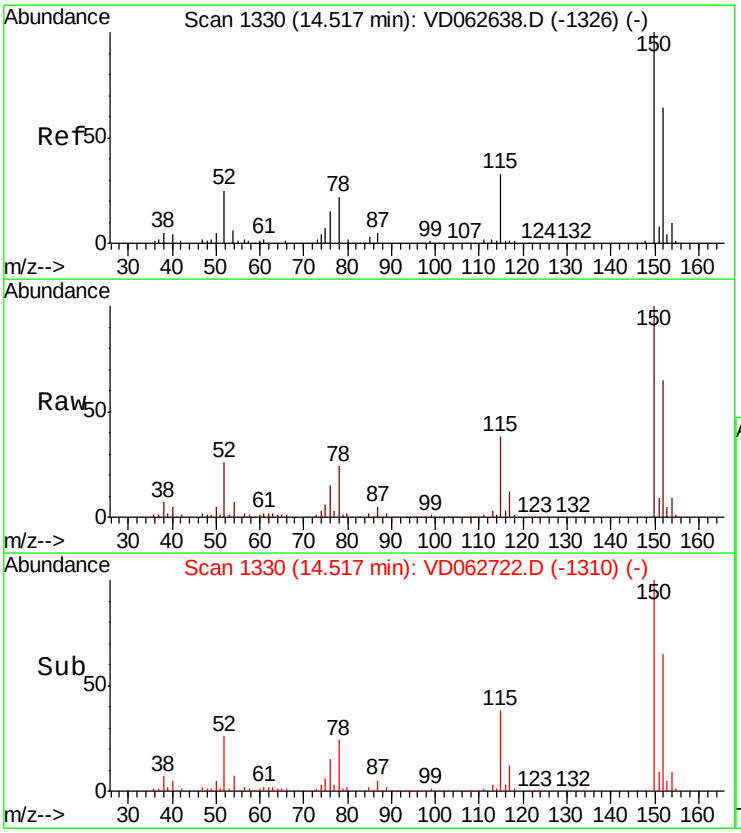
#71
Bromoform
Concen: 2.884 ug/l
RT: 13.24 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Instrument :
MSVOA_D
ClientSampleId :
BAT-B14

Tgt Ion:173 Resp: 307

Ion	Ratio	Lower	Upper
173	100		
175	0.0	22.9	68.7#
254	0.0	7.0	10.4#

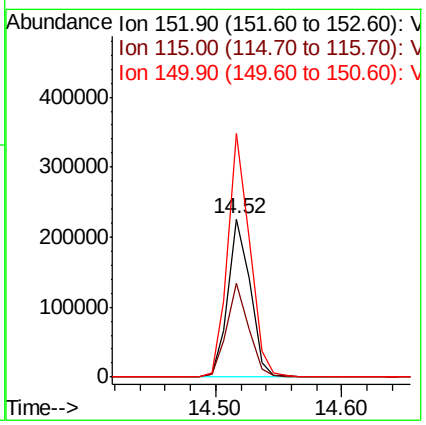


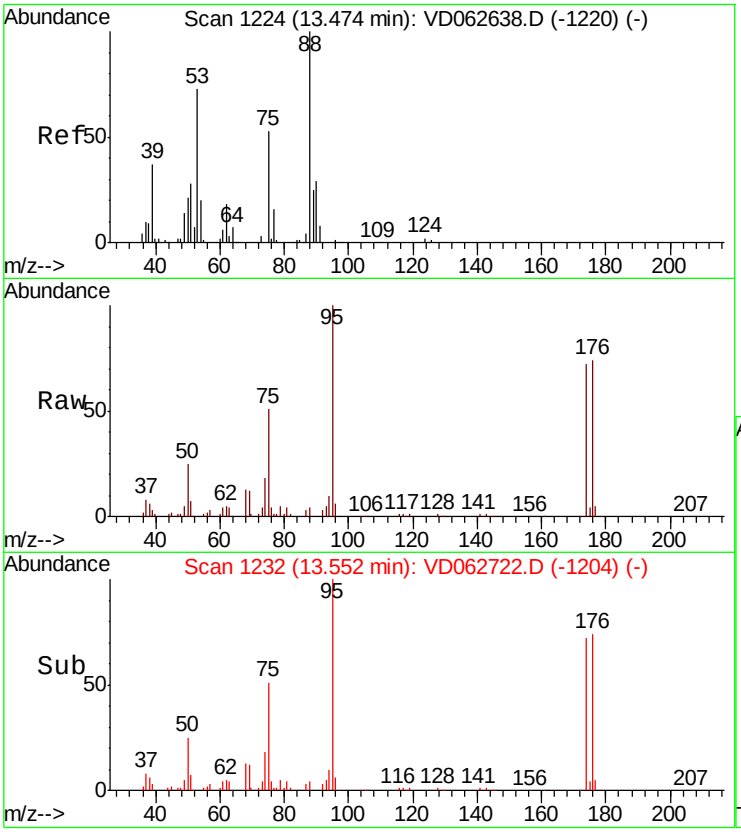


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Tgt Ion:152 Resp: 275920

Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.1	90.5
150	153.9	0.0	314.0



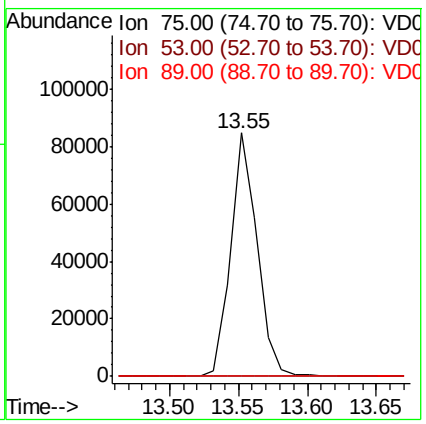


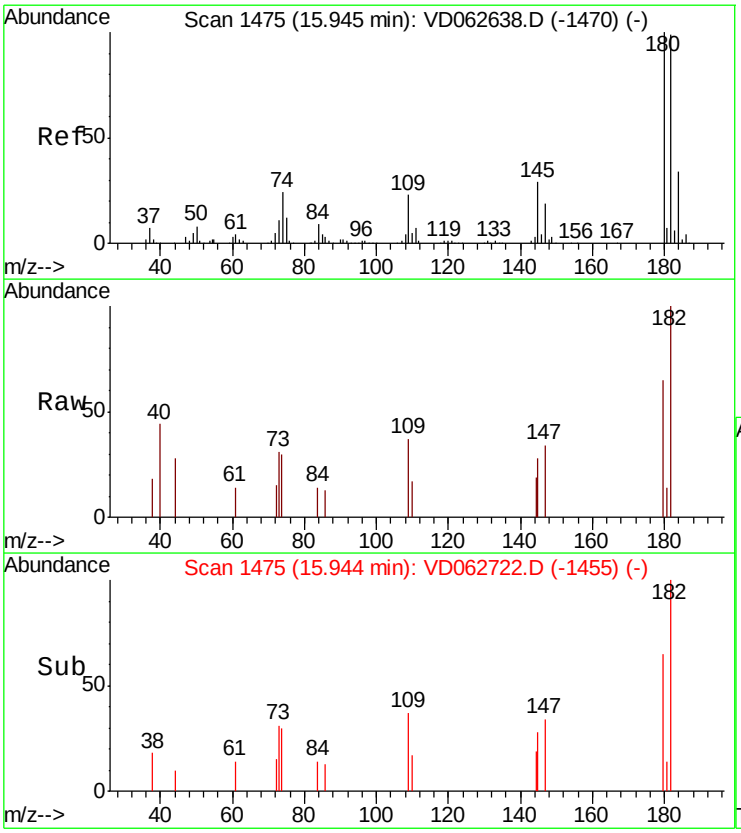
#81
trans-1,4-Dichloro-2-butene
Concen: 97.598 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Instrument :
MSVOA_D
ClientSampleId :
BAT-B14

Tgt Ion: 75 Resp: 112744

Ion	Ratio	Lower	Upper
75	100		
53	0.0	109.4	164.2#
89	0.0	37.0	55.6#

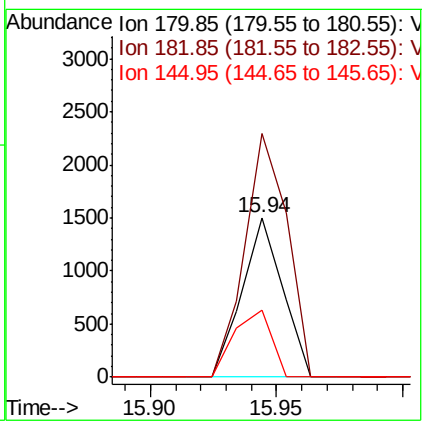


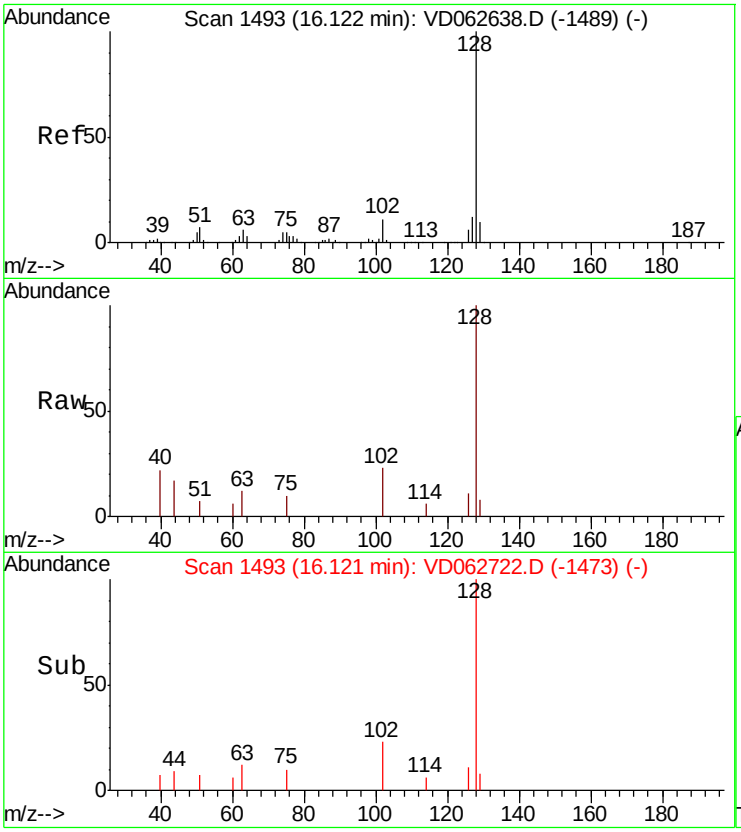


#93
1,2,4-Trichlorobenzene
Concen: 3.788 ug/l
RT: 15.94 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Tgt Ion:180 Resp: 1679

Ion	Ratio	Lower	Upper
180	100		
182	152.7	49.4	148.2#
145	42.4	14.5	43.6





#95
Naphthalene
Concen: 3.994 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062722.D
Acq: 17 Jun 2019 13:13

Instrument :
MSVOA_D
ClientSampleId :
BAT-B14

Tgt Ion:128 Resp: 5856

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.7	14.5#
129	7.8	8.1	12.1#