Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061819\
Data File : VD062771.D
Acq On : 19 Jun 2019 3:45
Operator : VA/AP
Sample : K3157-01
Misc : 7.65g/5ml/MSVOA_D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jun 19 07:05:23 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	7.05	168	717833	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1030571	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	727236	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	311619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	450399	43.48	ug/l	0.01
Spiked Amount 50.000			Recovery = 86.96%			
35) Dibromofluoromethane	6.93	113	470850	43.32	ug/l	0.01
Spiked Amount 50.000			Recovery = 86.64%			
50) Toluene-d8	10.41	98	805633	35.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.48%			
62) 4-Bromofluorobenzene	13.55	95	322434	30.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 60.46%			
Target Compounds						Qvalue
10) Methyl Iodide	3.45	142	250	4.027	ug/l #	24
13) Acrolein	3.04	56	431	3.147	ug/l #	70
16) Acetone	3.23	43	16454	8.675	ug/l #	86
18) Methyl Acetate	3.65	43	3529	1.132	ug/l #	64
20) Methylene Chloride	3.82	84	26934	3.346	ug/l #	86
31) Cyclohexane	7.05	56	17703	2.166	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	56672	4.805	ug/l #	50
37) Ethyl Acetate	6.17	43	457	1.290	ug/l #	74
38) Carbon Tetrachloride	7.05	117	79082	4.242	ug/l #	17
51) 4-Methyl-2-Pentanone	10.40	43	5110	1.173	ug/l #	13
81) trans-1,4-Dichloro-2-buten	13.55	75	158556	120.577	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.95	180	528	3.629	ug/l #	76
95) Naphthalene	16.12	128	1870	3.603	ug/l #	71

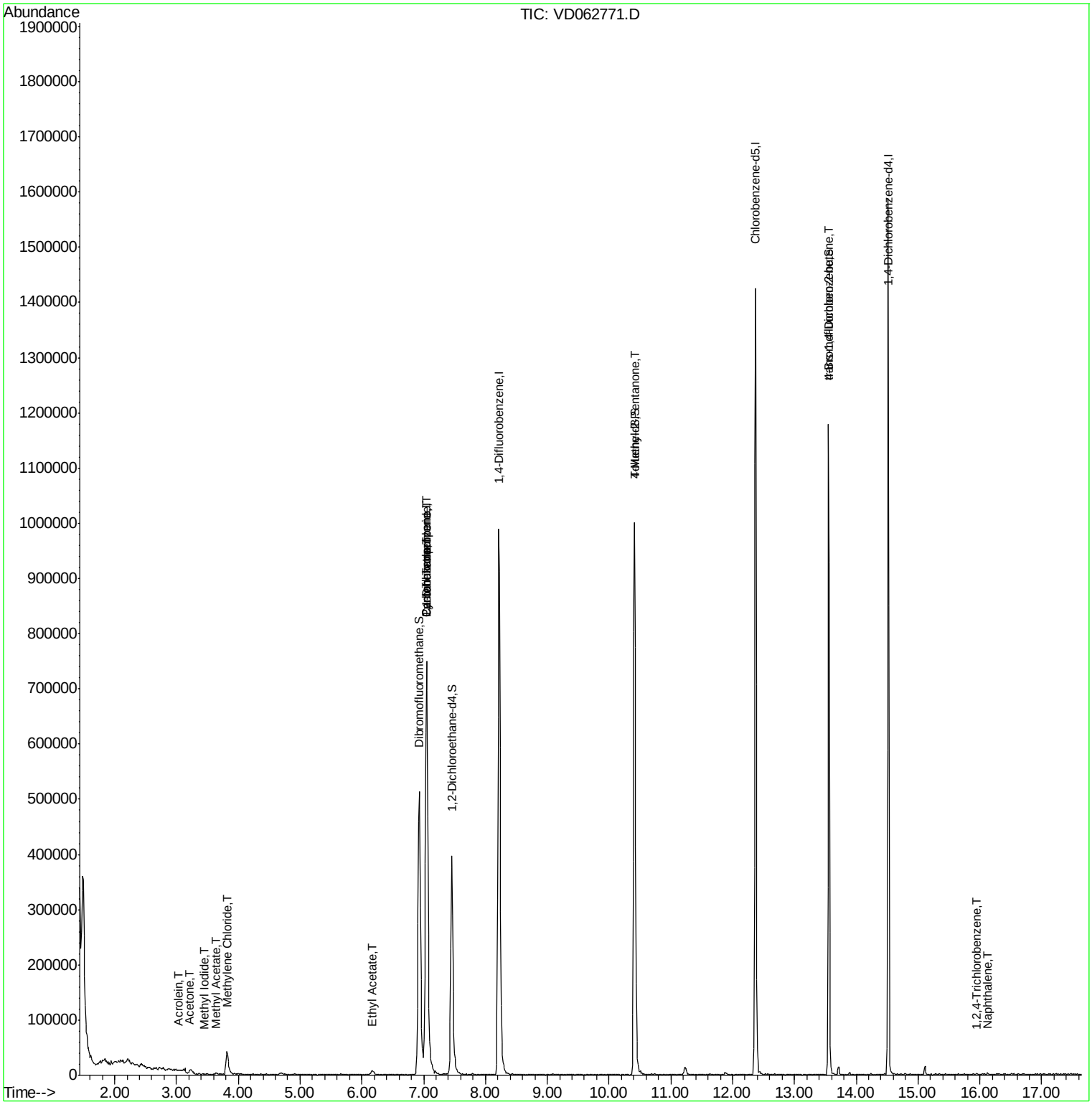
(#) = qualifier out of range (m) = manual integration (+) = signals summed

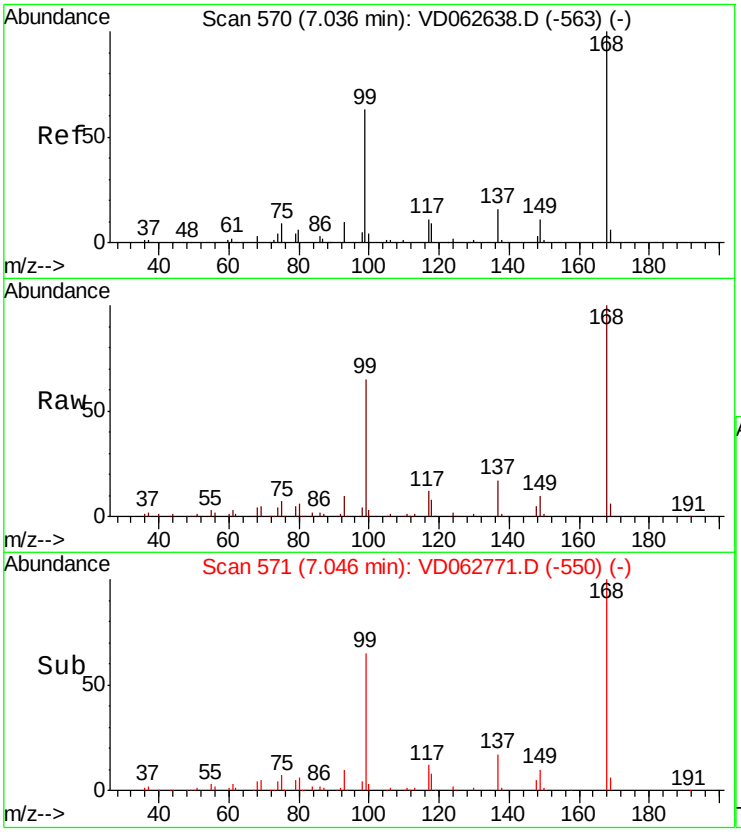
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061819\
Data File : VD062771.D
Acq On : 19 Jun 2019 3:45
Operator : VA/AP
Sample : K3157-01
Misc : 7.65g/5ml/MSVOA_D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 19 07:05:23 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



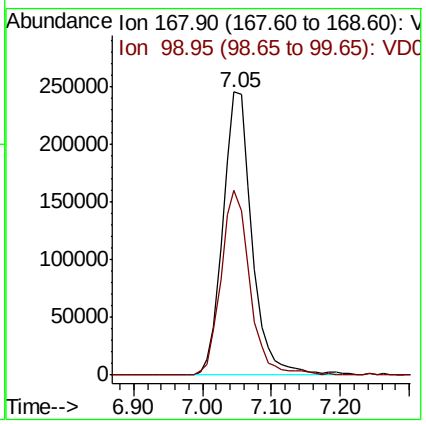


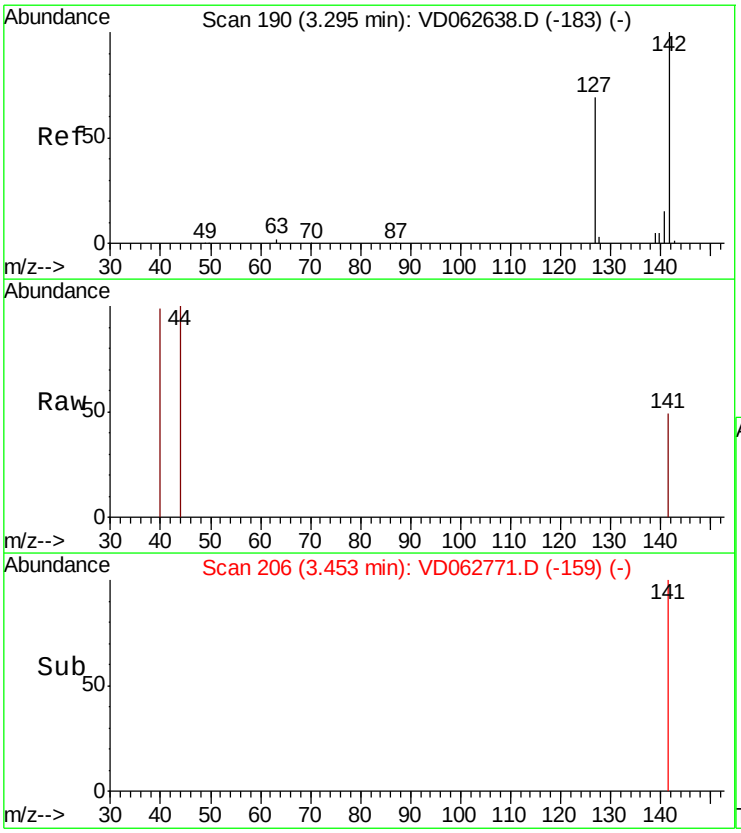
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 717833

Ion	Ratio	Lower	Upper
168	100		
99	65.2	51.4	77.2

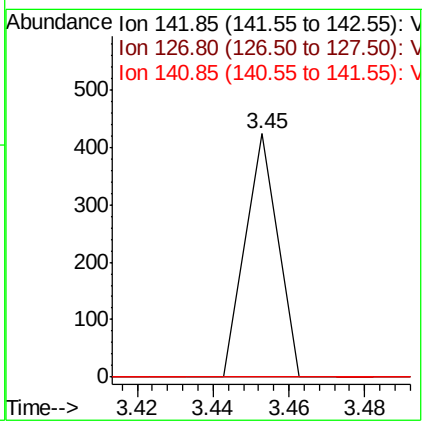


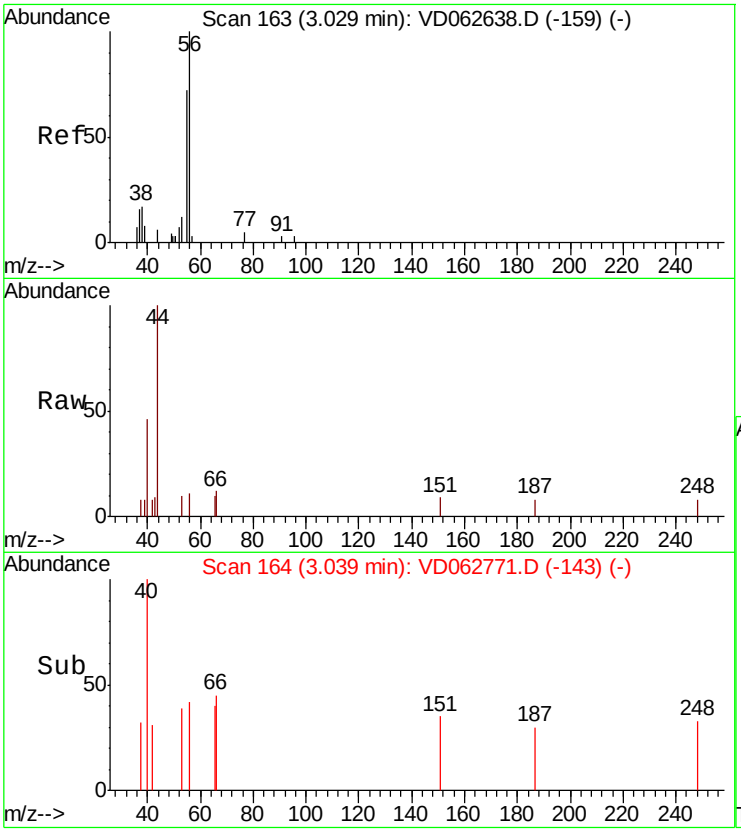


#10
Methyl Iodide
Concen: 4.027 ug/l
RT: 3.45 min Scan# 206
Delta R.T. 0.16 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Tgt Ion:142 Resp: 250

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



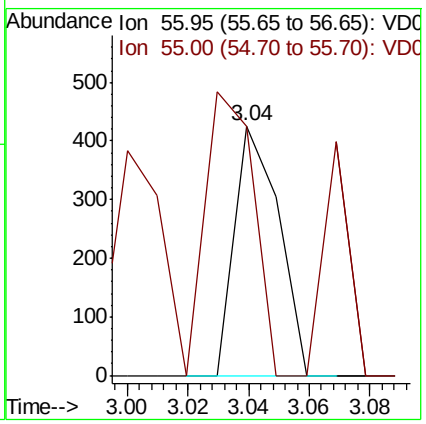


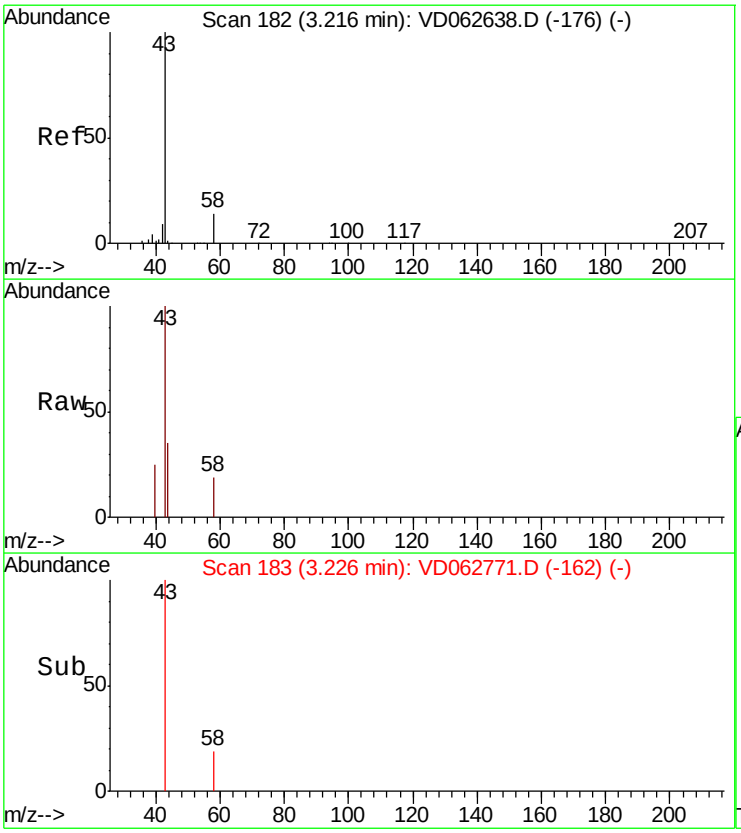
#13
Acrolein
Concen: 3.147 ug/l
RT: 3.04 min Scan# 164
Delta R.T. 0.01 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 431

Ion	Ratio	Lower	Upper
56	100		
55	100.0	59.4	89.0#

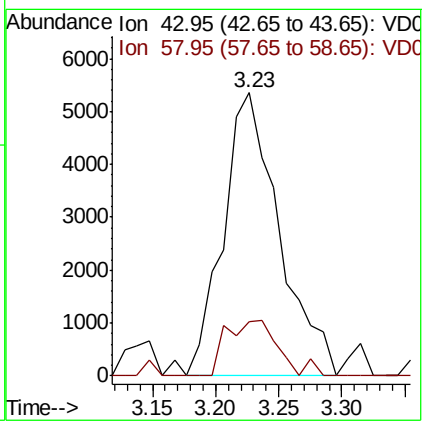


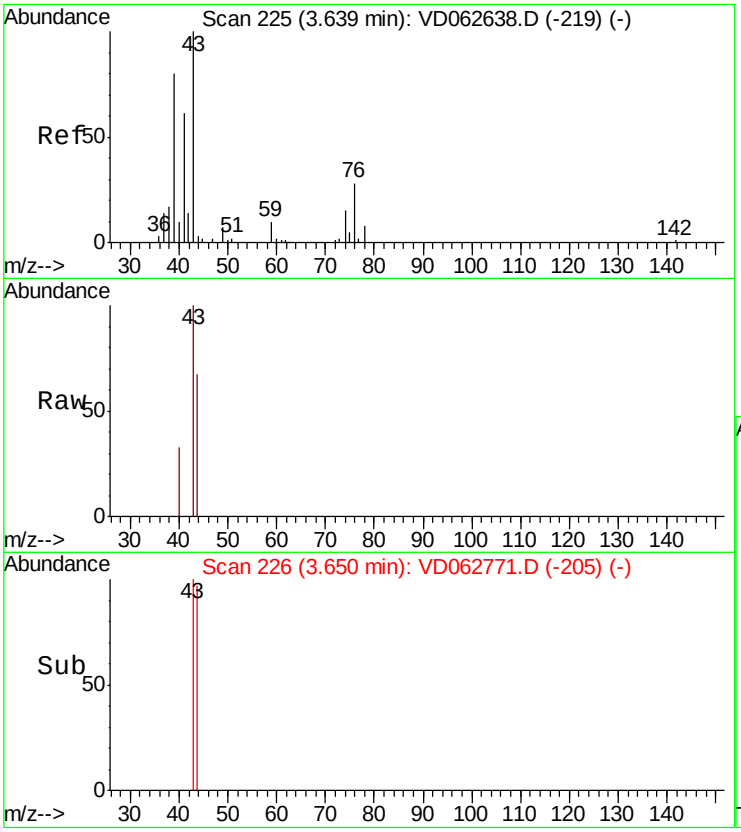


#16
Acetone
Concen: 8.675 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Tgt Ion: 43 Resp: 16454

Ion	Ratio	Lower	Upper
43	100		
58	19.1	10.8	16.2#



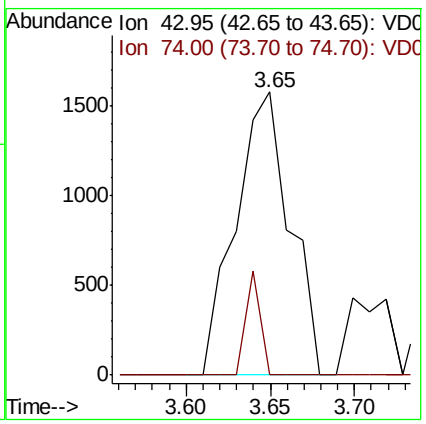


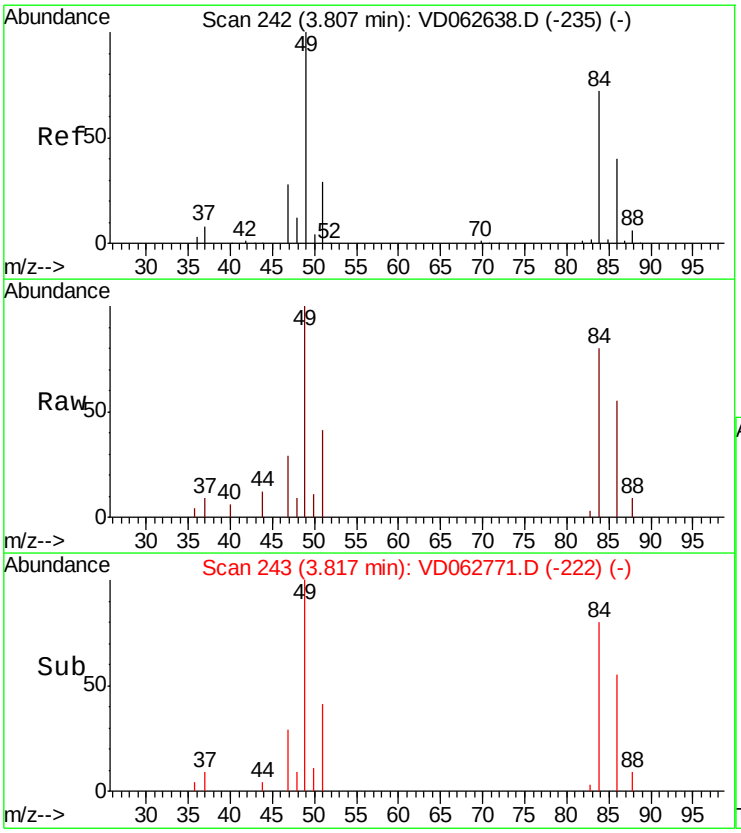
#18
Methyl Acetate
Concen: 1.132 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.01 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 3529

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#

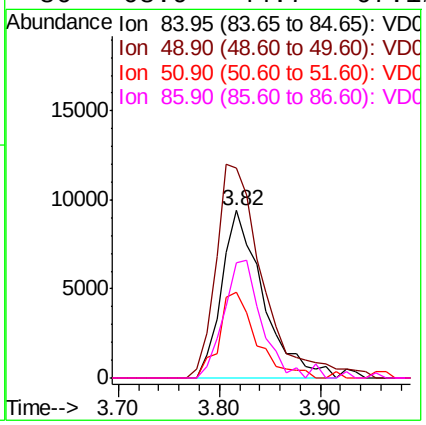


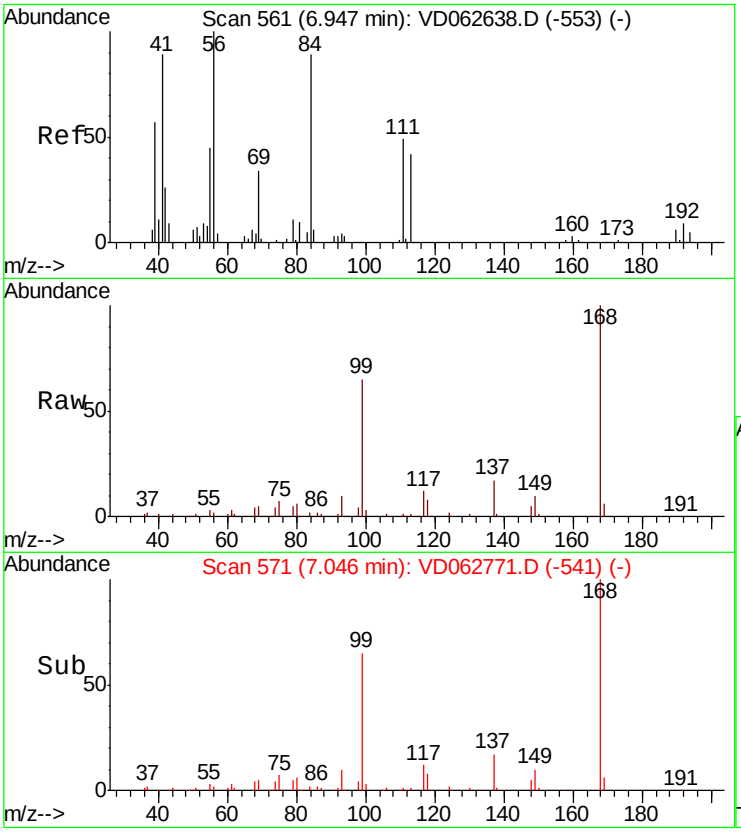


#20
Methylene Chloride
Concen: 3.346 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Tgt Ion: 84 Resp: 26934

Ion	Ratio	Lower	Upper
84	100		
49	125.0	111.2	166.8
51	51.0	31.9	47.9#
86	68.9	44.7	67.1#



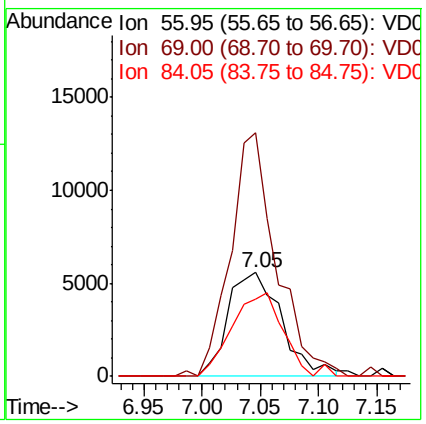


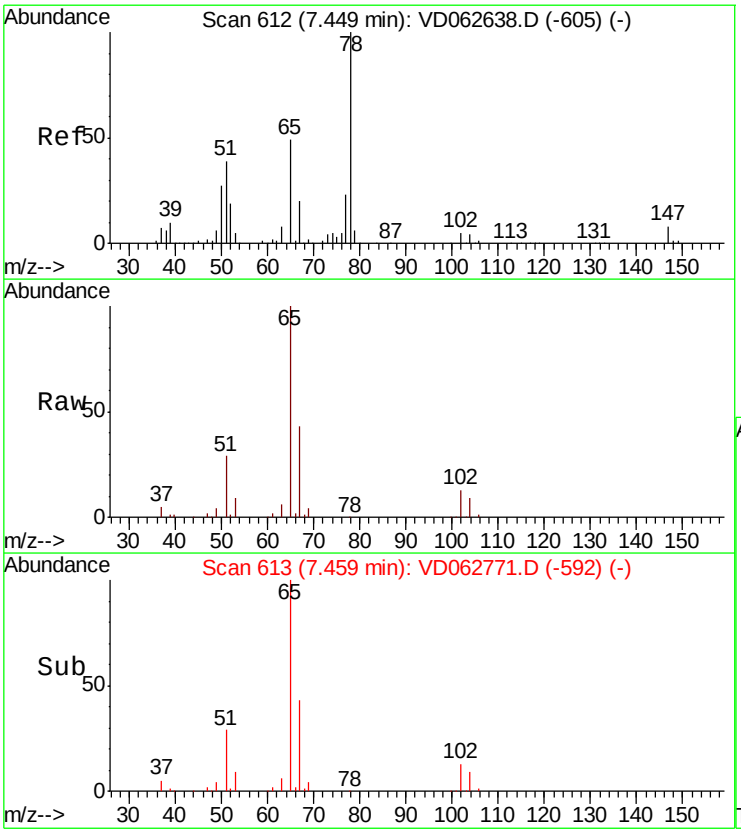
#31
Cyclohexane
Concen: 2.166 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.10 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 17703

Ion	Ratio	Lower	Upper
56	100		
69	235.1	26.8	40.2#
84	74.3	73.9	110.9

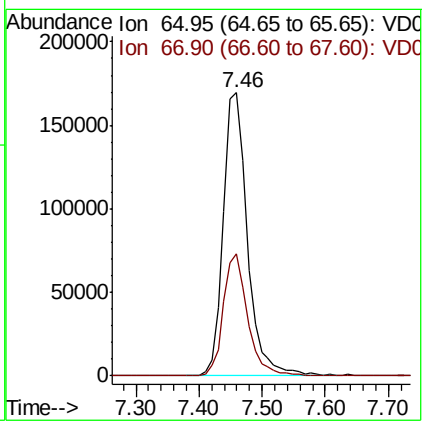


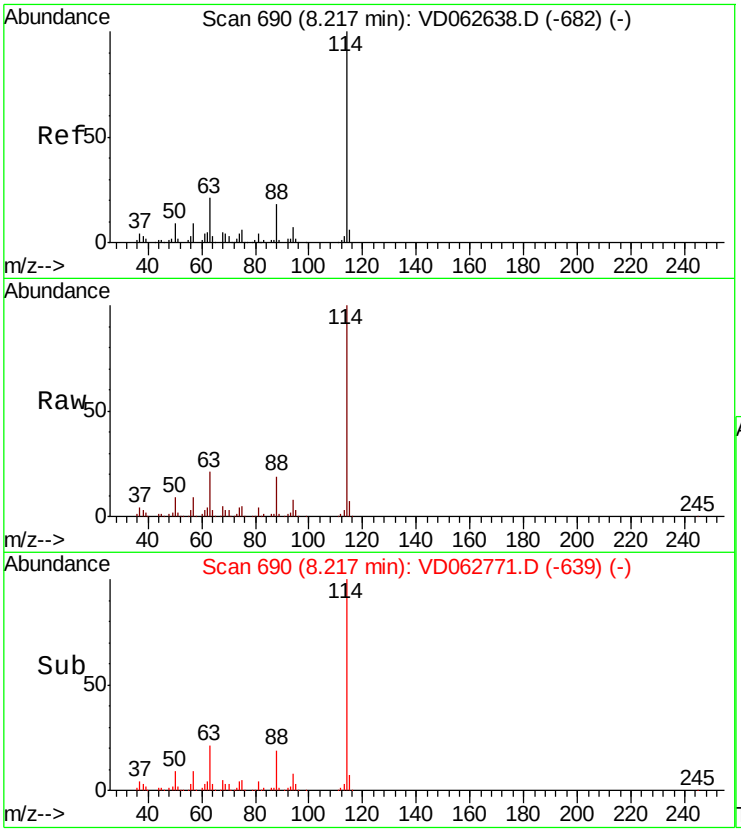


#33
1,2-Dichloroethane-d4
Concen: 43.482 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Tgt Ion: 65 Resp: 450399

Ion	Ratio	Lower	Upper
65	100		
67	43.2	0.0	81.8



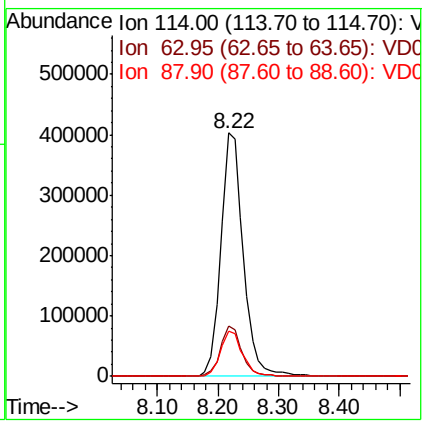


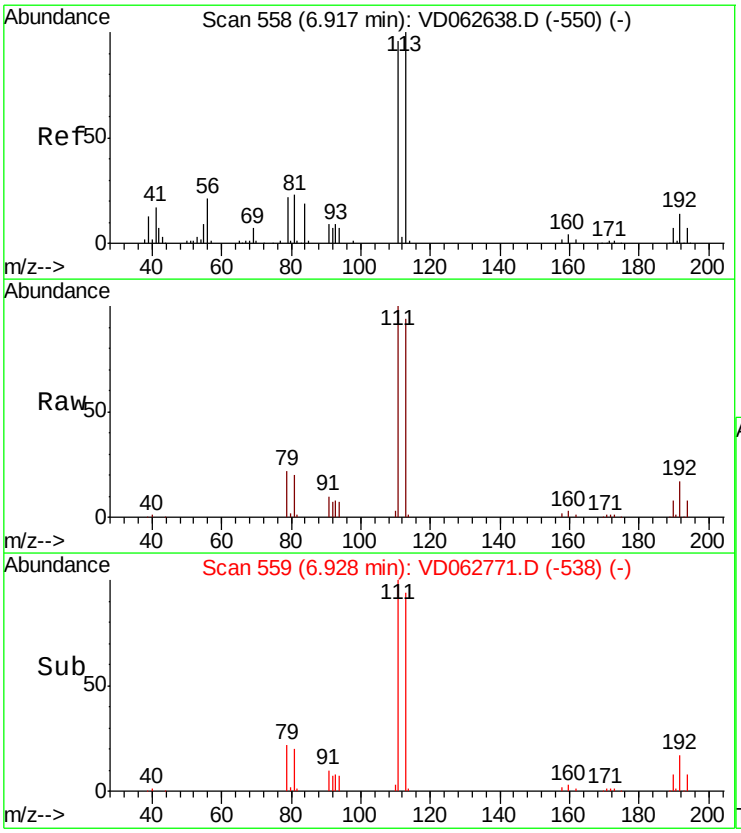
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.00 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 1030571

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.4
88	18.8	0.0	36.8

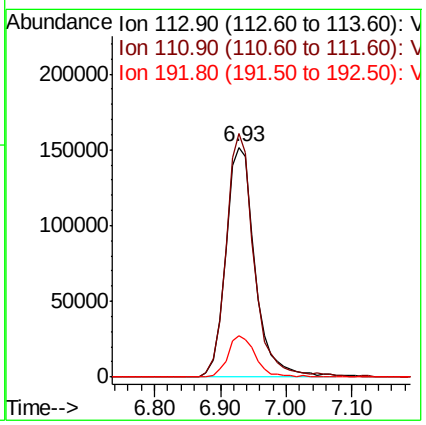


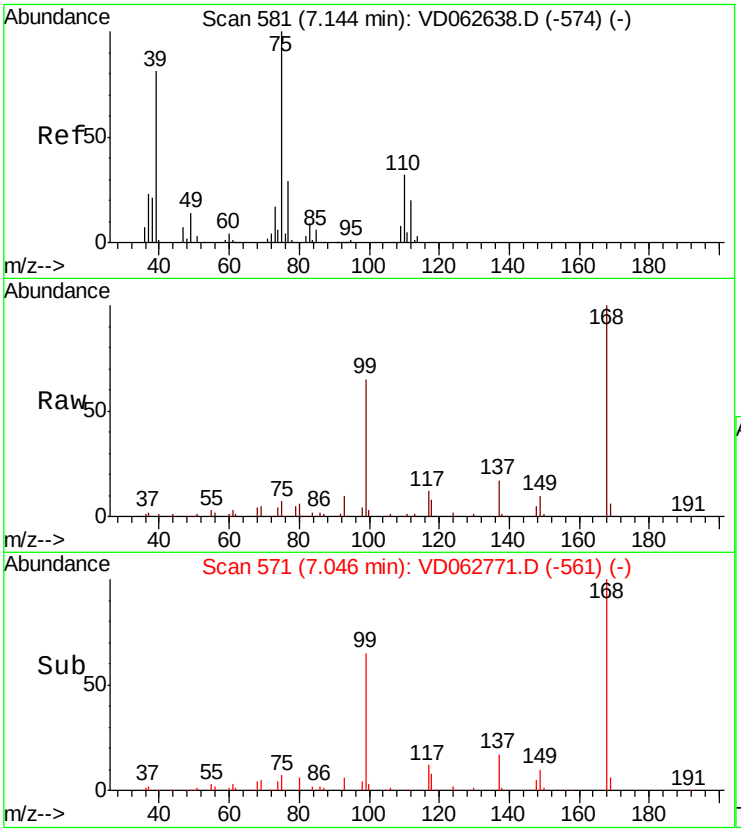


#35
Dibromofluoromethane
Concen: 43.321 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Tgt Ion:113 Resp: 470850

Ion	Ratio	Lower	Upper
113	100		
111	105.9	76.4	114.6
192	18.1	11.4	17.0#



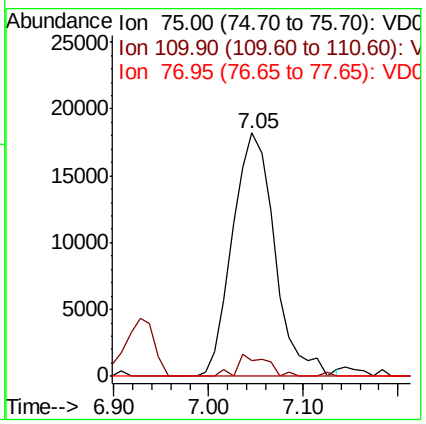


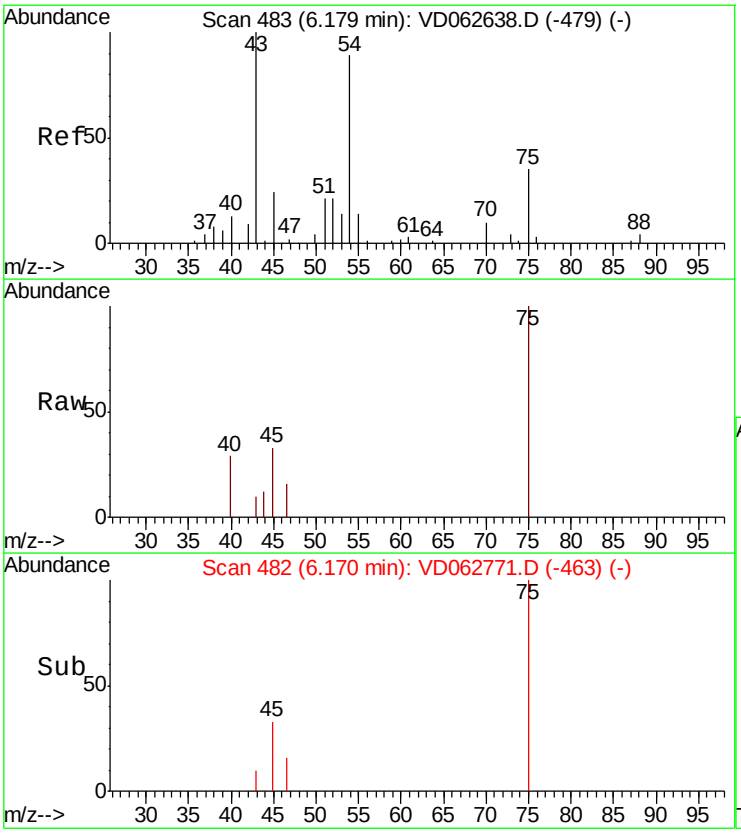
#36
1,1-Dichloropropene
Concen: 4.805 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 56672

Ion	Ratio	Lower	Upper
75	100		
110	6.3	15.9	47.7#
77	0.0	23.3	34.9#

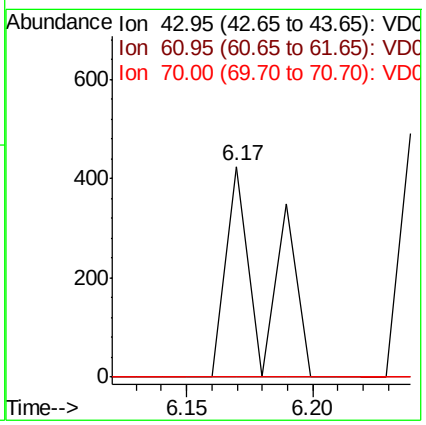


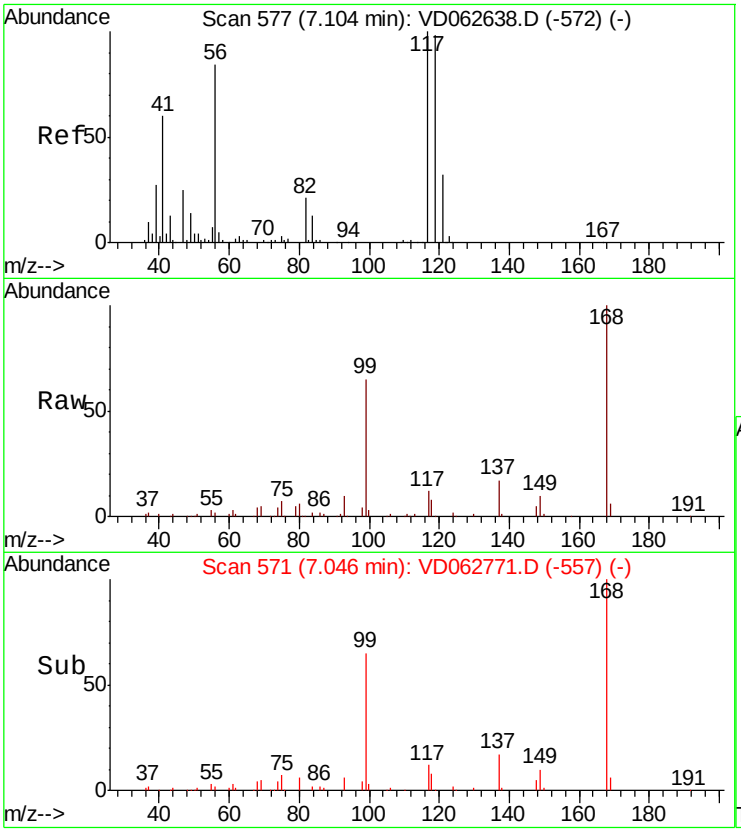


#37
Ethyl Acetate
Concen: 1.290 ug/l
RT: 6.17 min Scan# 482
Delta R.T. -0.01 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Tgt Ion: 43 Resp: 457

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



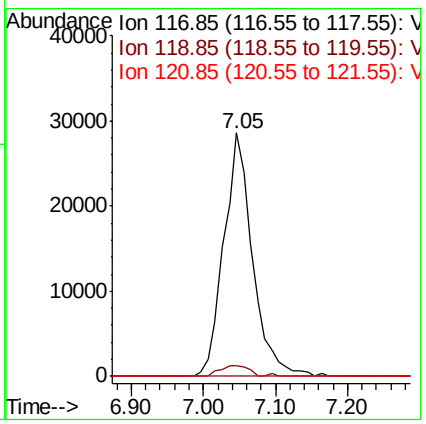


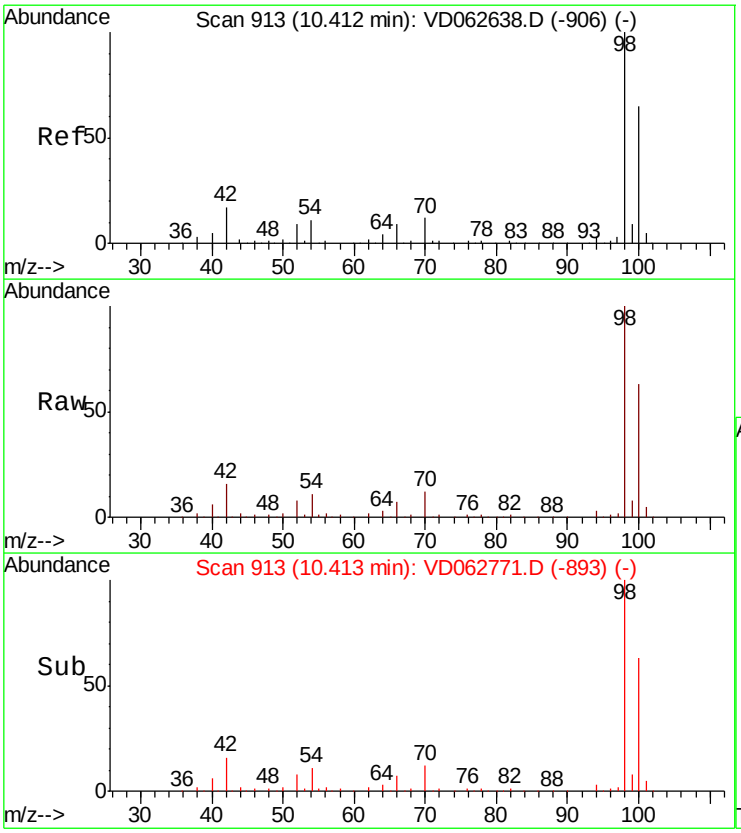
#38
Carbon Tetrachloride
Concen: 4.242 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.06 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 79082

Ion	Ratio	Lower	Upper
117	100		
119	4.3	73.5	110.3#
121	0.0	24.2	36.4#

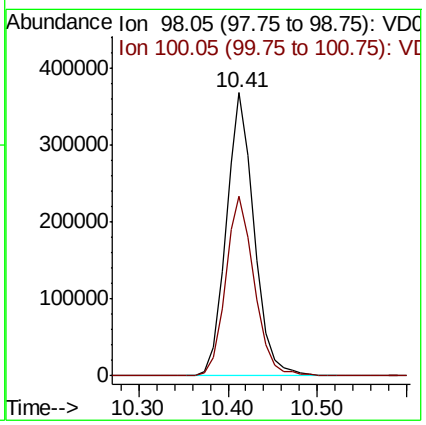


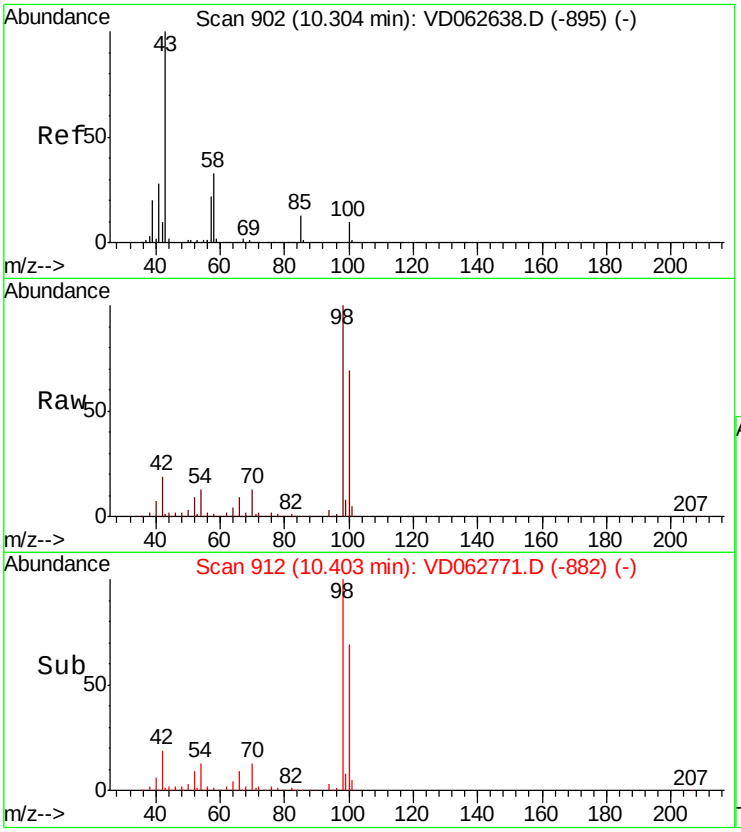


#50
Toluene-d8
Concen: 35.236 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Tgt Ion: 98 Resp: 805633

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.1	78.1



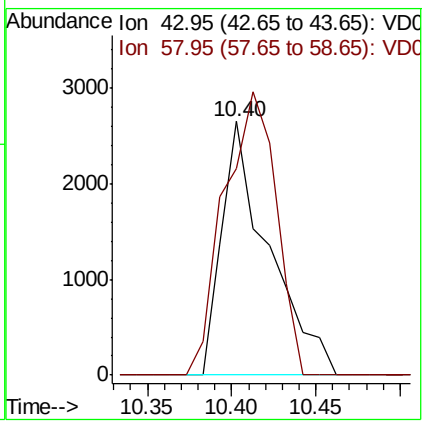


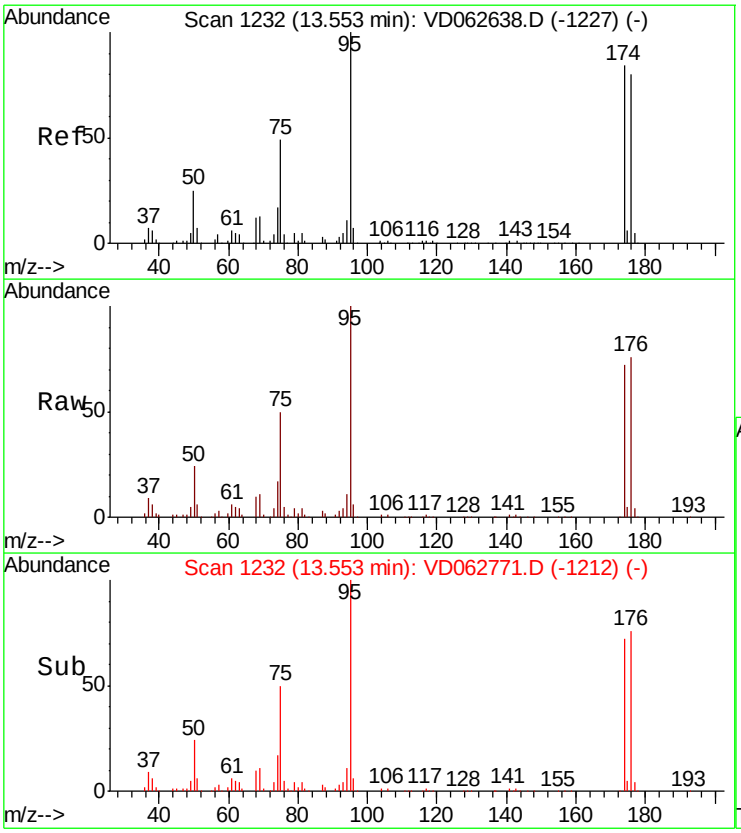
#51
4-Methyl-2-Pentanone
Concen: 1.173 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.10 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 5110

Ion	Ratio	Lower	Upper
43	100		
58	81.5	26.1	39.1#

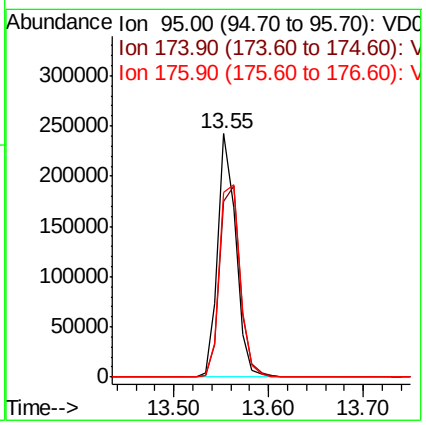


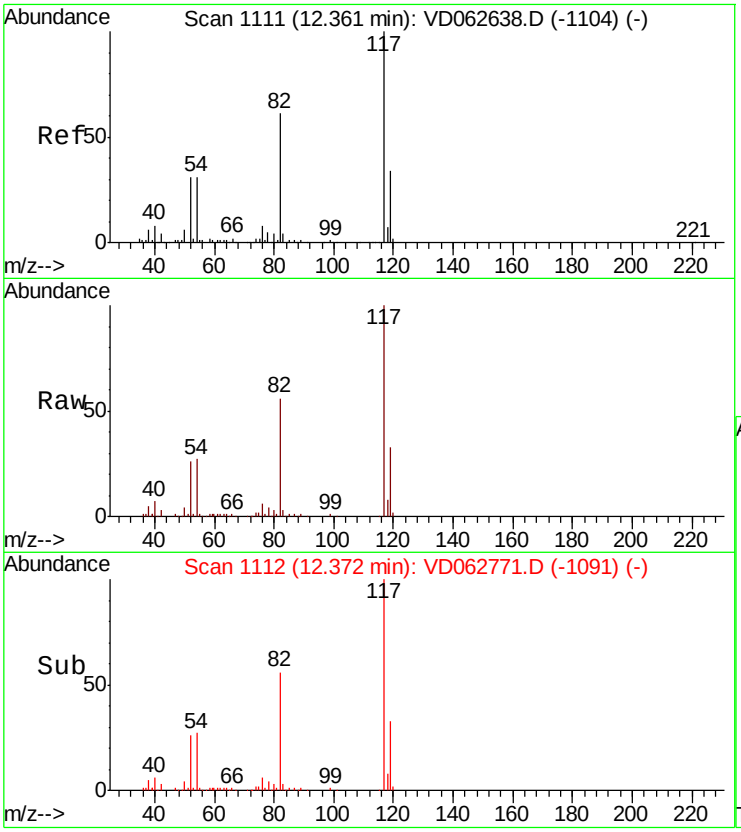


#62
4-Bromofluorobenzene
Concen: 30.228 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Tgt Ion: 95 Resp: 322434

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	167.0
176	75.7	0.0	159.2



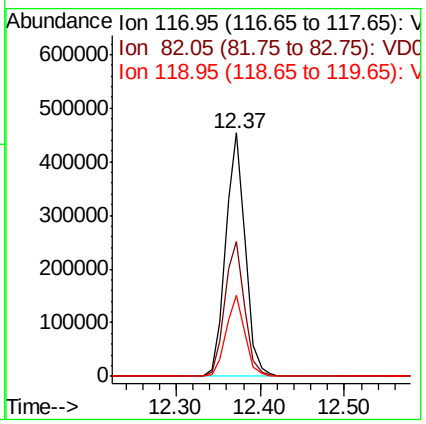


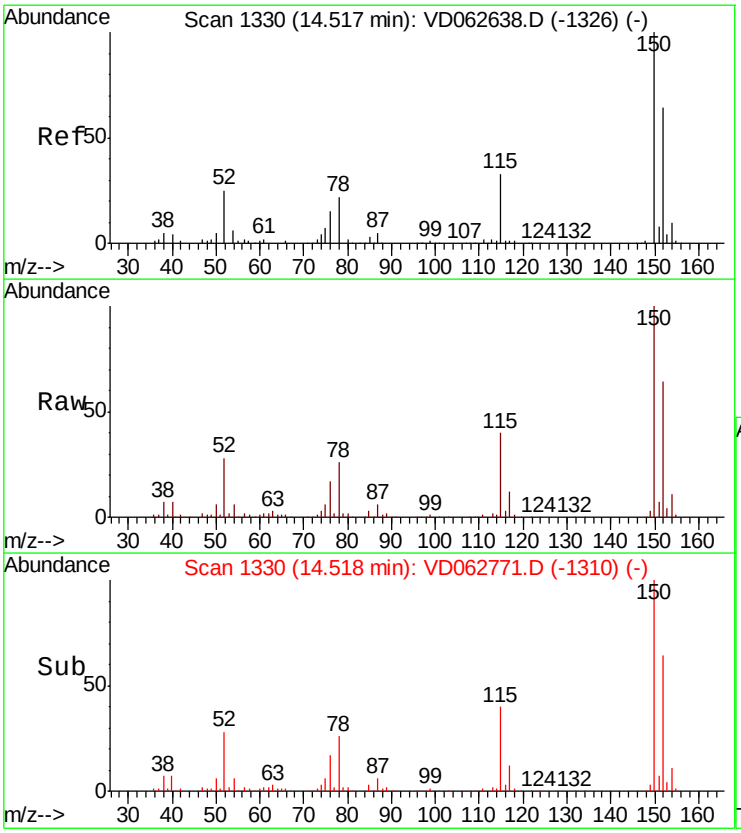
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 727236

Ion	Ratio	Lower	Upper
117	100		
82	55.5	48.7	73.1
119	33.4	27.0	40.6

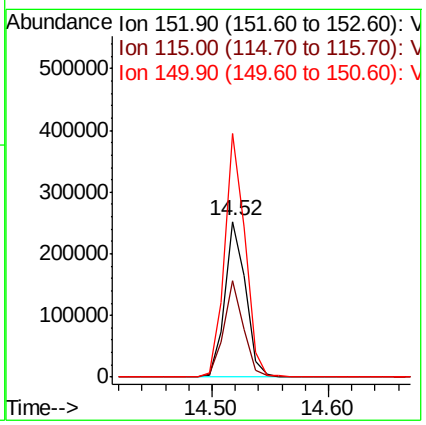


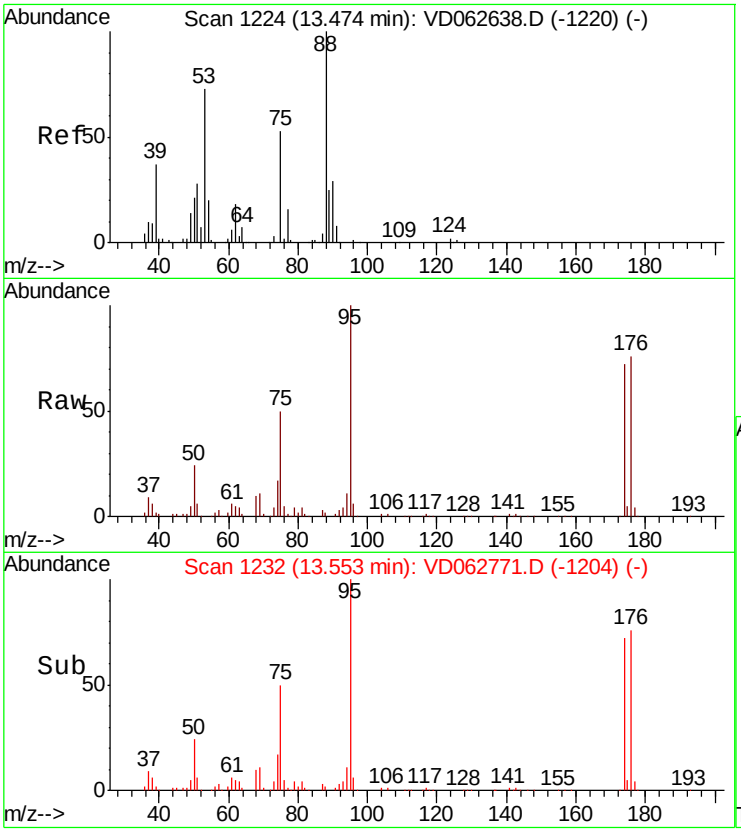


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Tgt Ion:152 Resp: 311619

Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.1	90.5
150	156.6	0.0	314.0



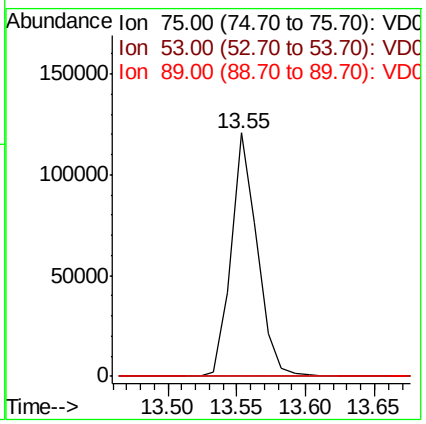


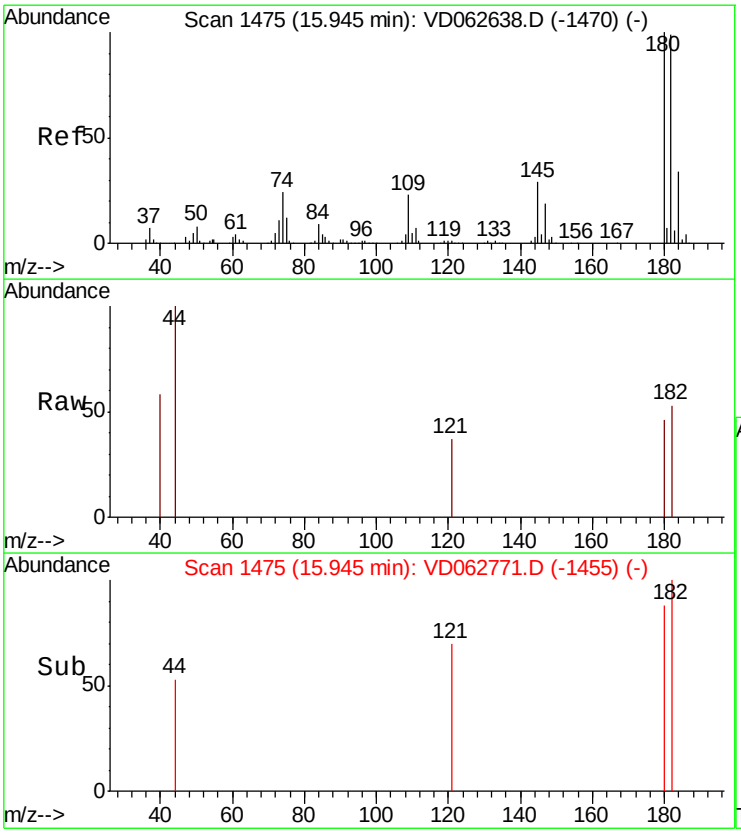
#81
trans-1,4-Dichloro-2-butene
Concen: 120.577 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 158556

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

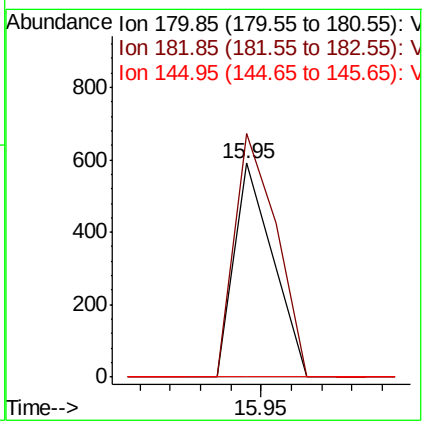


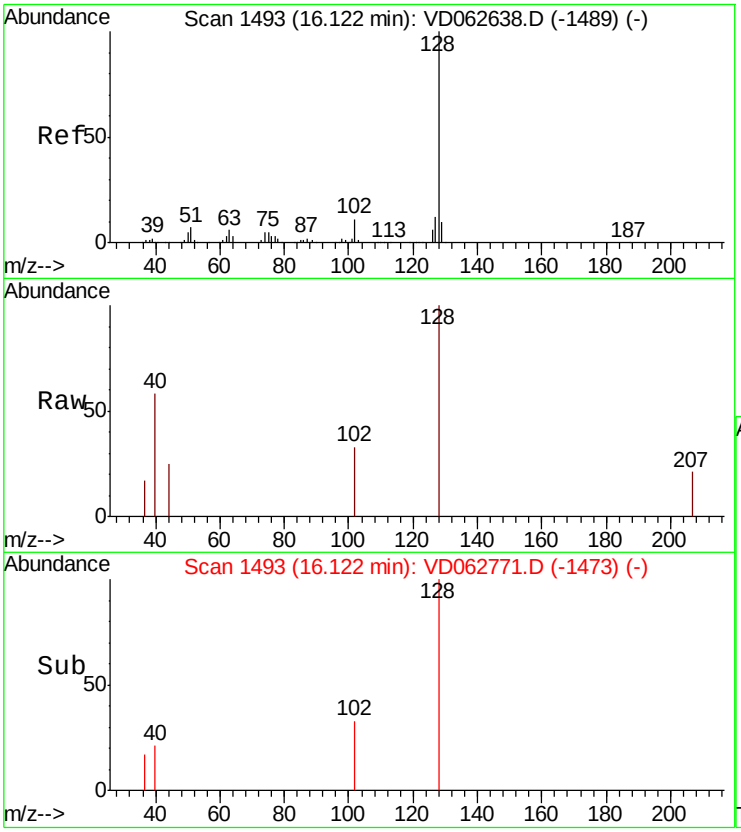


#93
1,2,4-Trichlorobenzene
Concen: 3.629 ug/l
RT: 15.95 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Tgt Ion:180 Resp: 528

Ion	Ratio	Lower	Upper
180	100		
182	113.7	49.4	148.2
145	0.0	14.5	43.6#





#95
Naphthalene
Concen: 3.603 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062771.D
Acq: 19 Jun 2019 3:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 1870

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