Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061719\
Data File : VD062732.D
Acq On : 17 Jun 2019 17:45
Operator : VA/AP
Sample : K3154-07
Misc : 4.63g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : JC-02-061419-D

Quant Time: Jun 18 06:24:34 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	926600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1167224	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	973338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	531833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	520199	38.91	ug/l	0.00
Spiked Amount 50.000			Recovery =	77.82%		
35) Dibromofluoromethane	6.92	113	552140	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.70%		
50) Toluene-d8	10.41	98	1100056	42.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	84.96%		
62) 4-Bromofluorobenzene	13.55	95	495860	41.04	ug/l	0.00
Spiked Amount 50.000			Recovery =	82.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	940	Below Cal	#	42
10) Methyl Iodide	3.28	142	496	4.036	ug/l #	24
11) Tert butyl alcohol	4.06	59	2158	3.926	ug/l #	61
13) Acrolein	3.01	56	177	1.001	ug/l #	57
16) Acetone	3.22	43	97061	39.643	ug/l #	90
20) Methylene Chloride	3.80	84	26657	2.462	ug/l #	91
29) Tetrahydrofuran	6.15	42	1174	1.091	ug/l #	33
31) Cyclohexane	7.03	56	20265	1.921	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	78293	5.861	ug/l #	52
37) Ethyl Acetate	6.16	43	4131	1.909	ug/l #	1
38) Carbon Tetrachloride	7.04	117	96629	4.576	ug/l #	17
51) 4-Methyl-2-Pentanone	10.40	43	6961	1.411	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	243400	108.847	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.94	180	475	3.600	ug/l #	67
95) Naphthalene	16.12	128	4496	3.666	ug/l #	71

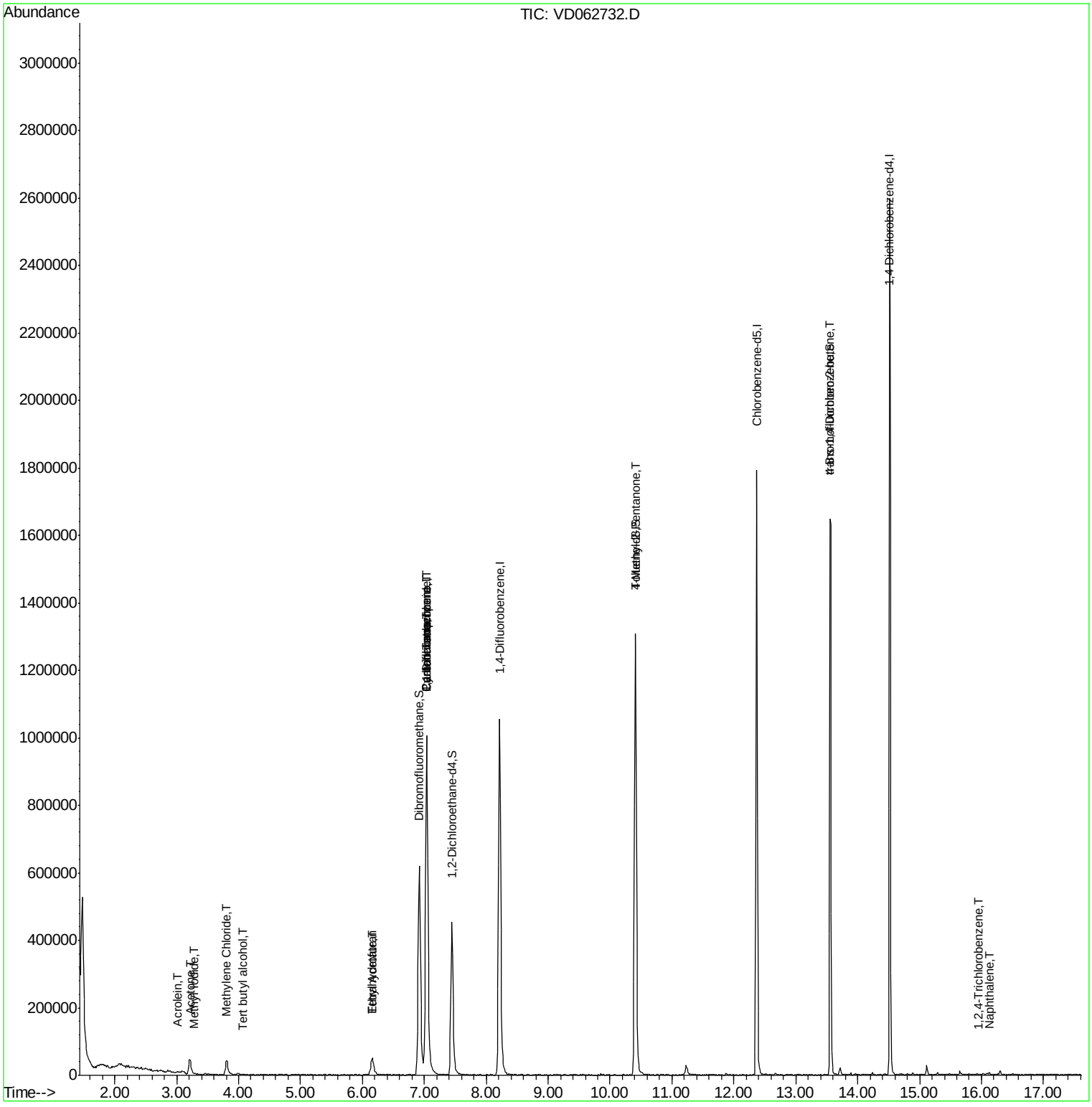
(#) = qualifier out of range (m) = manual integration (+) = signals summed

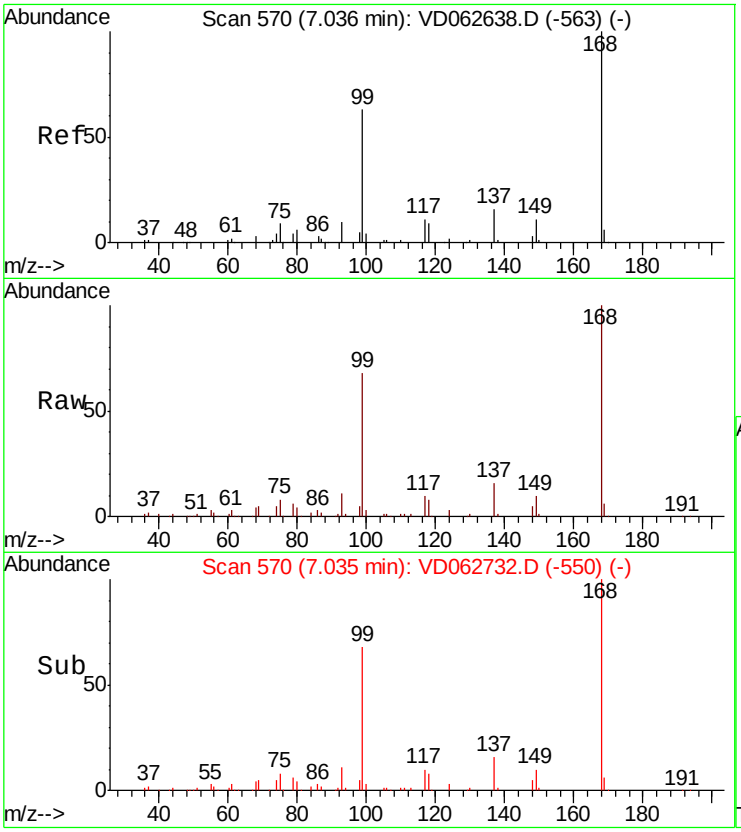
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
Data File : VD062732.D
Acq On : 17 Jun 2019 17:45
Operator : VA/AP
Sample : K3154-07
Misc : 4.63g/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JC-02-061419-D

Quant Time: Jun 18 06:24:34 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



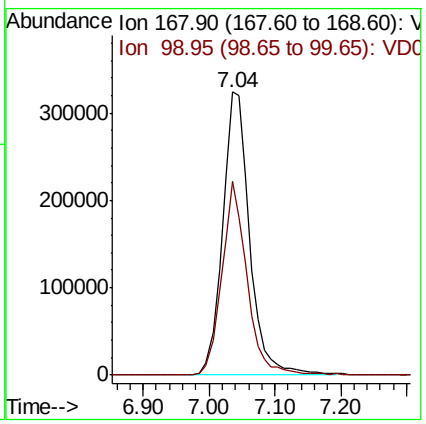


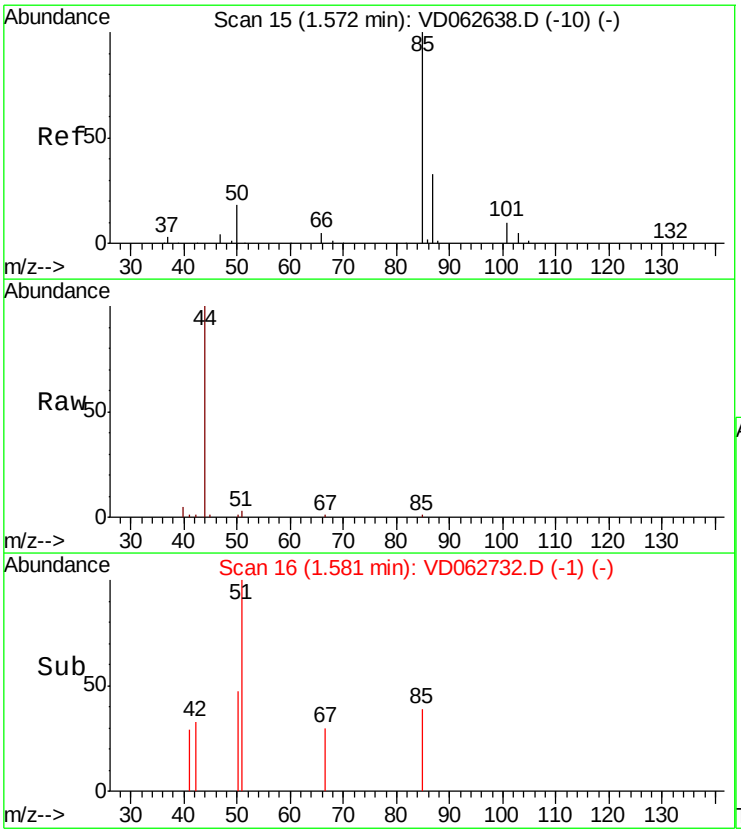
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.00 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Instrument :
MSVOA_D
ClientSampleId :
JC-02-061419-D

Tgt Ion:168 Resp: 926600

Ion	Ratio	Lower	Upper
168	100		
99	68.4	51.4	77.2

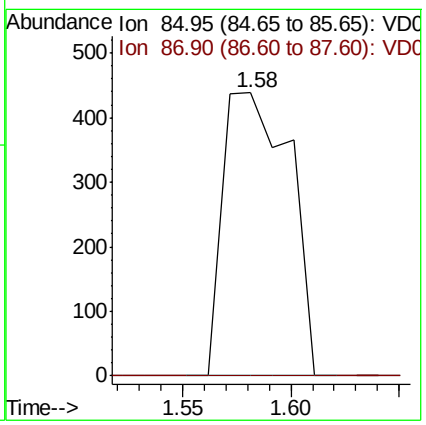


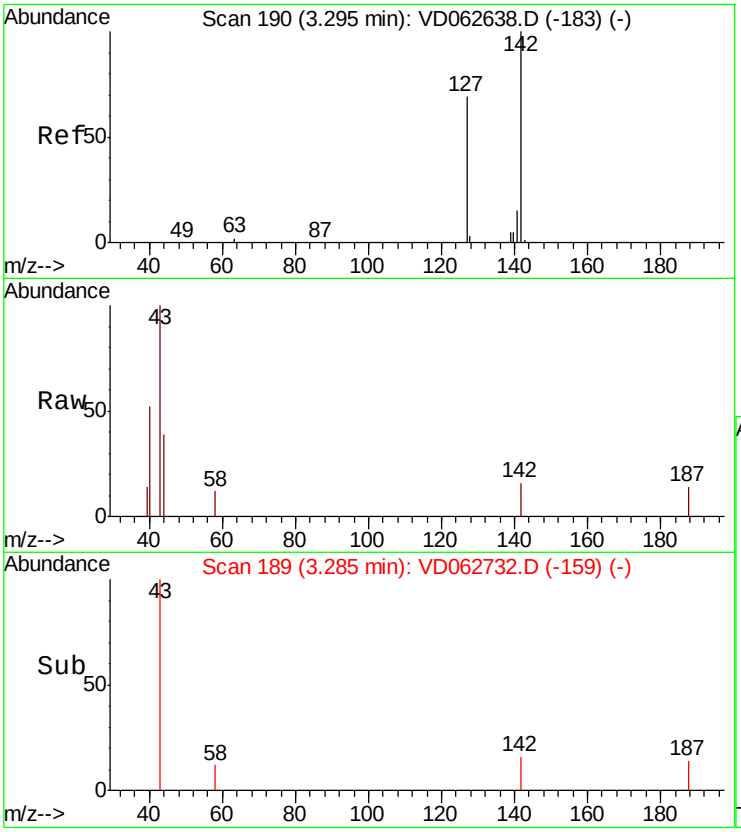


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.58 min Scan# 16
Delta R.T. 0.01 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Tgt Ion: 85 Resp: 940

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.7#



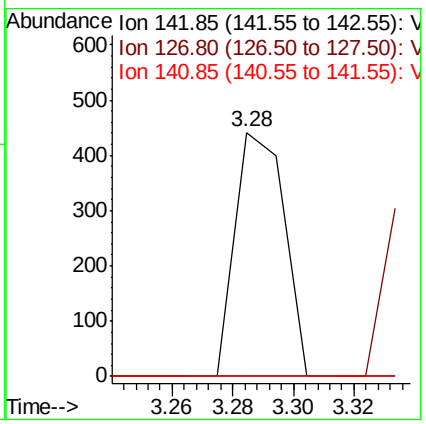


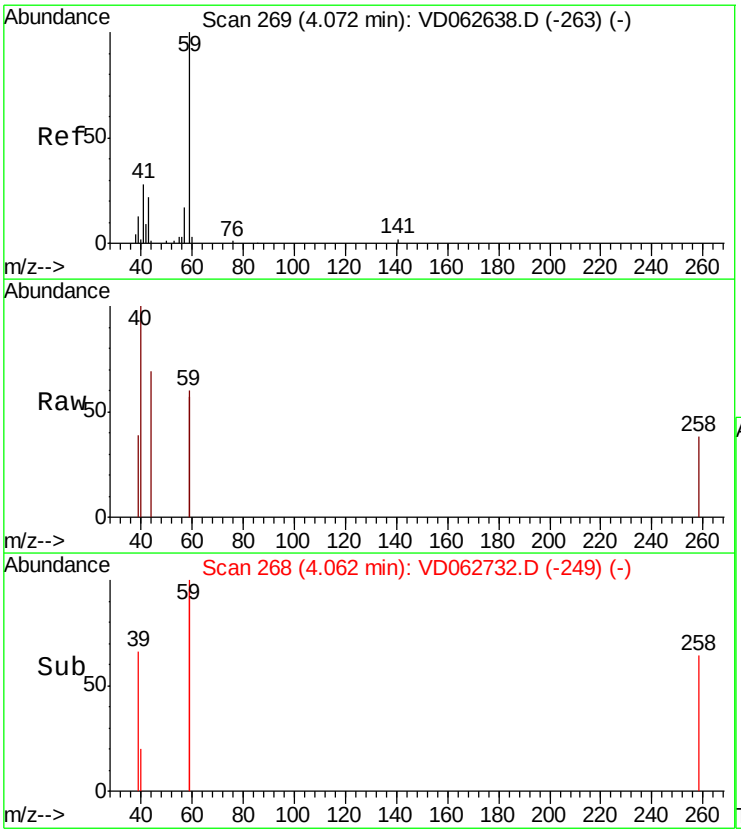
#10
Methyl Iodide
Concen: 4.036 ug/l
RT: 3.28 min Scan# 189
Delta R.T. -0.01 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Instrument : MSVOA_D
ClientSampleId : JC-02-061419-D

Tgt Ion:142 Resp: 496

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

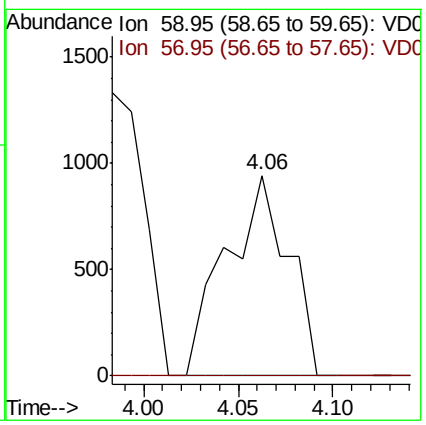


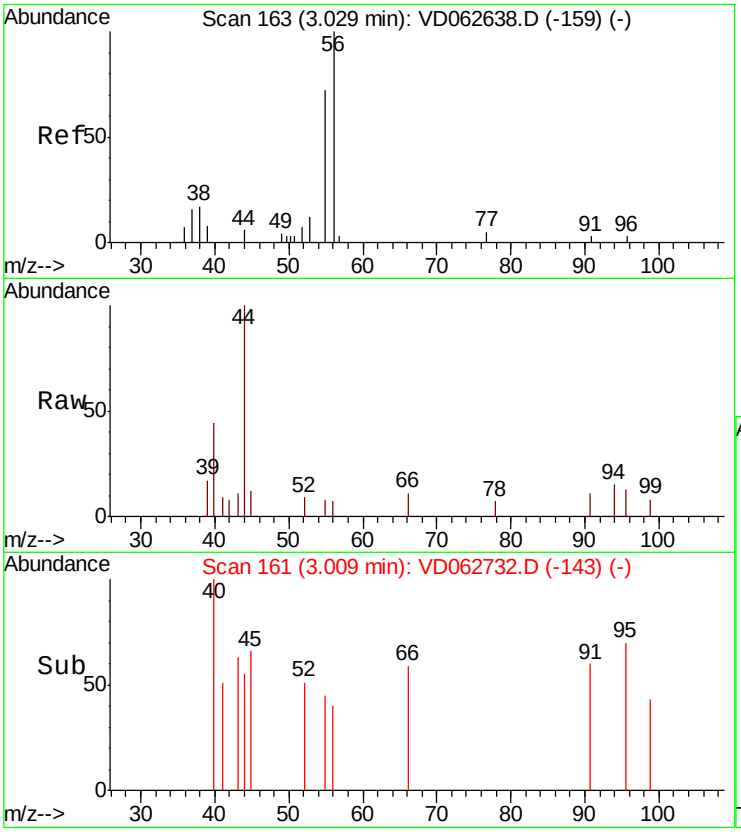


#11
Tert butyl alcohol
Concen: 3.926 ug/l
RT: 4.06 min Scan# 268
Delta R.T. -0.01 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Tgt Ion: 59 Resp: 2158

Ion	Ratio	Lower	Upper
59	100		
57	0.0	13.7	20.5#



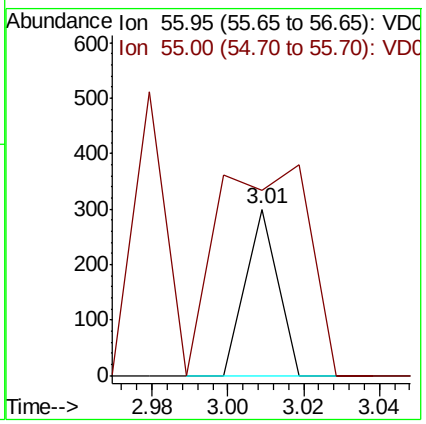


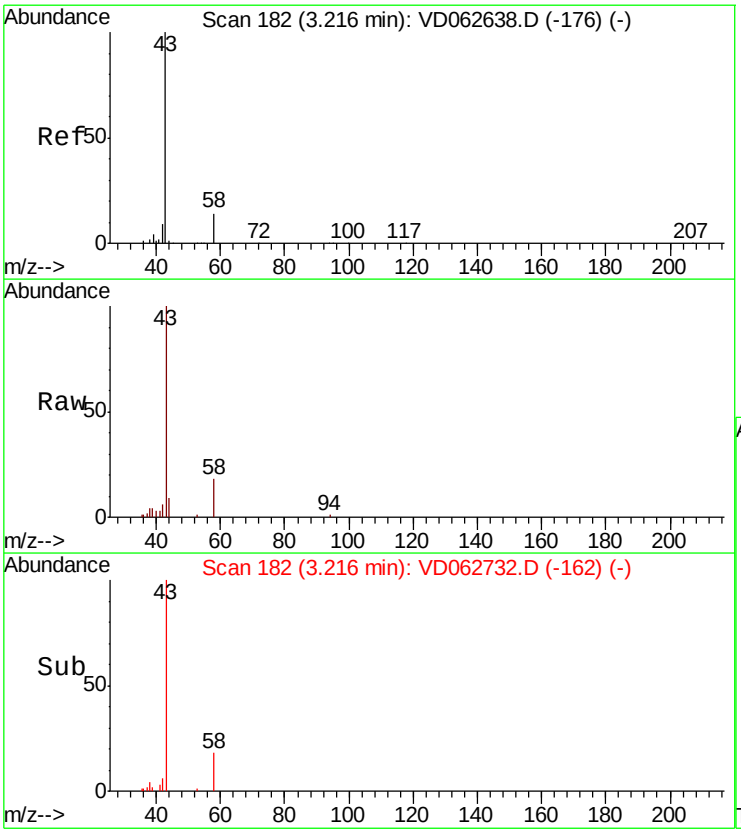
#13
Acrolein
Concen: 1.001 ug/l
RT: 3.01 min Scan# 161
Delta R.T. -0.02 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Instrument : MSVOA_D
ClientSampleId : JC-02-061419-D

Tgt Ion: 56 Resp: 177

Ion	Ratio	Lower	Upper
56	100		
55	111.0	59.4	89.0#

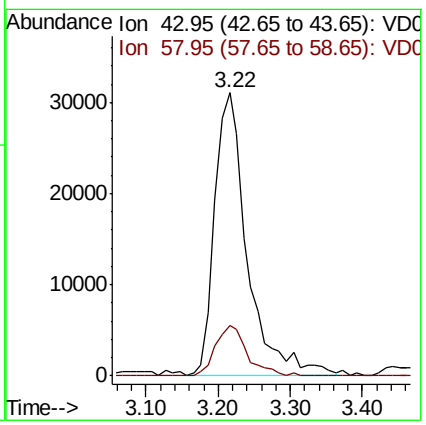


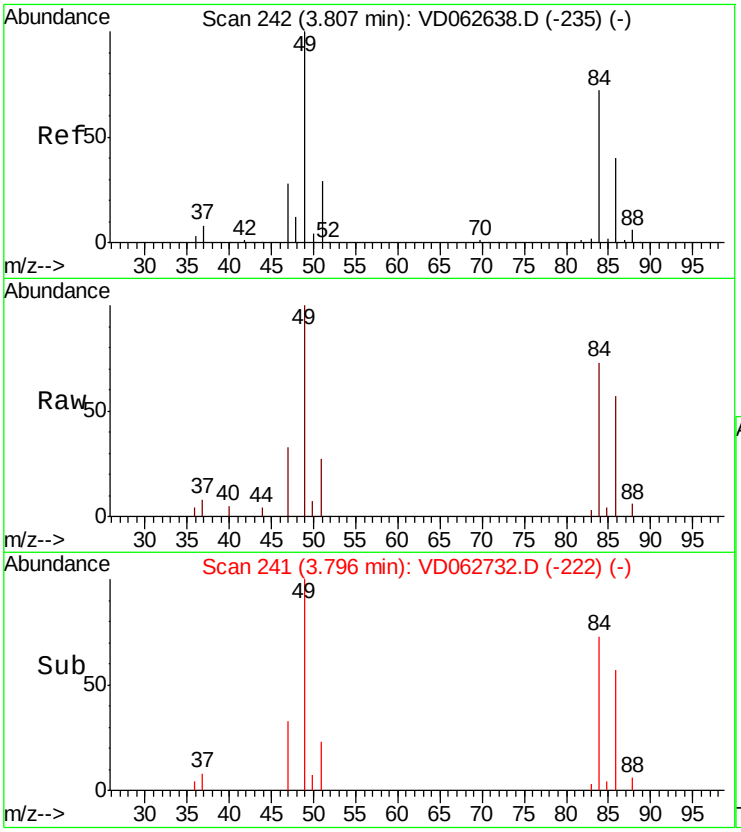


#16
Acetone
Concen: 39.643 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.00 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Tgt Ion: 43 Resp: 97061

Ion	Ratio	Lower	Upper
43	100		
58	17.7	10.8	16.2#



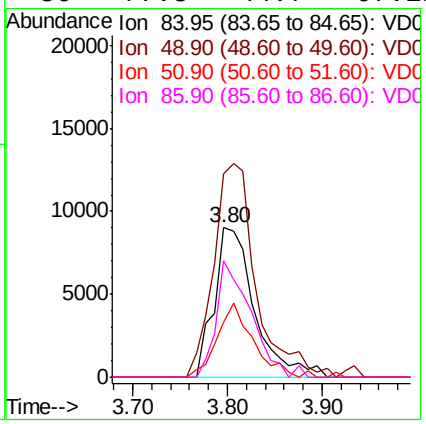


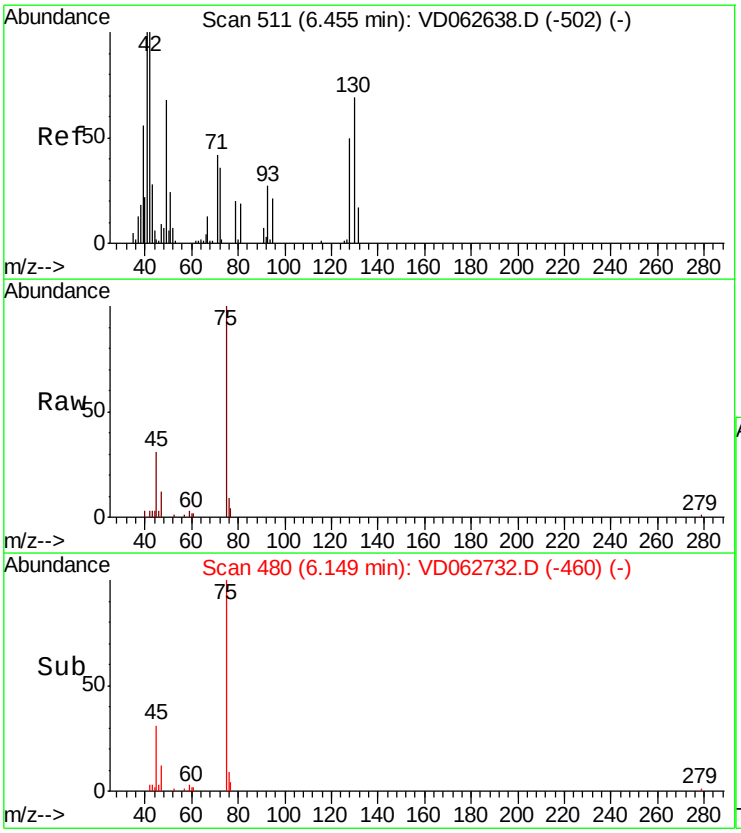
#20
Methylene Chloride
Concen: 2.462 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.01 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Instrument : MSVOA_D
ClientSampleId : JC-02-061419-D

Tgt Ion: 84 Resp: 26657

Ion	Ratio	Lower	Upper
84	100		
49	136.4	111.2	166.8
51	36.4	31.9	47.9
86	77.8	44.7	67.1#

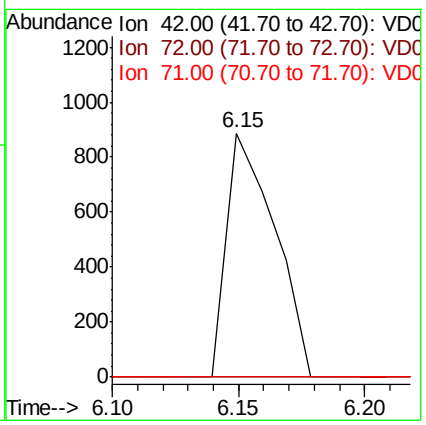


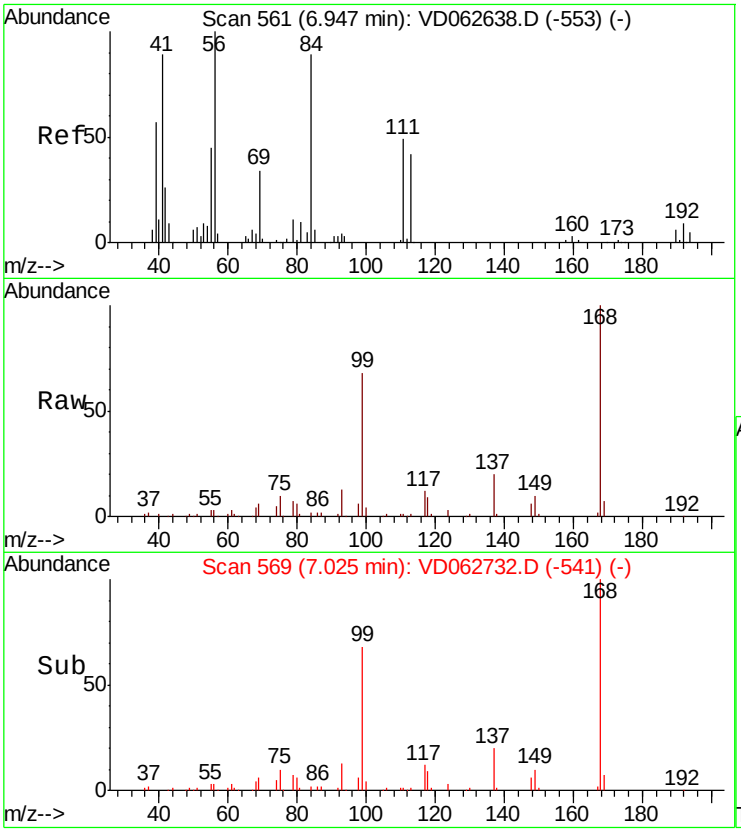


#29
Tetrahydrofuran
Concen: 1.091 ug/l
RT: 6.15 min Scan# 480
Delta R.T. -0.31 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Tgt Ion: 42 Resp: 1174

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.8	50.6#
71	0.0	34.2	51.4#



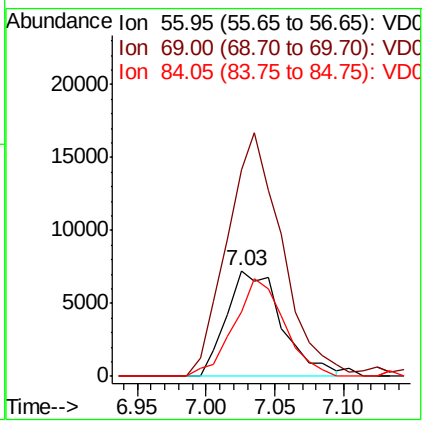


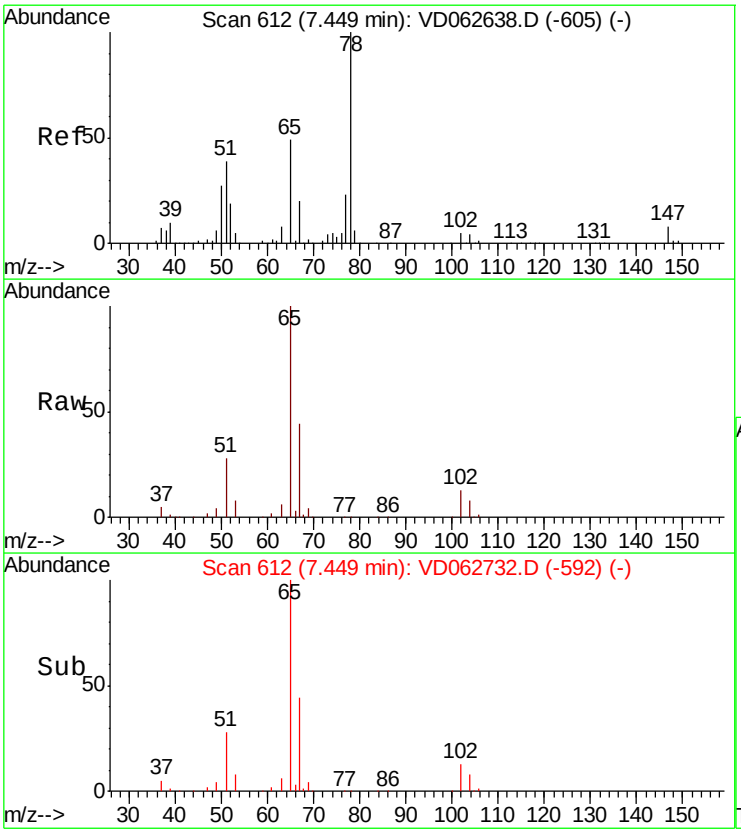
#31
Cyclohexane
Concen: 1.921 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.08 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Instrument :
MSVOA_D
ClientSampleId :
JC-02-061419-D

Tgt Ion: 56 Resp: 20265

Ion	Ratio	Lower	Upper
56	100		
69	194.6	26.8	40.2#
84	61.3	73.9	110.9#

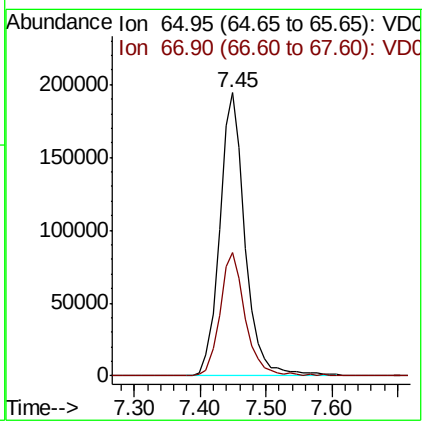


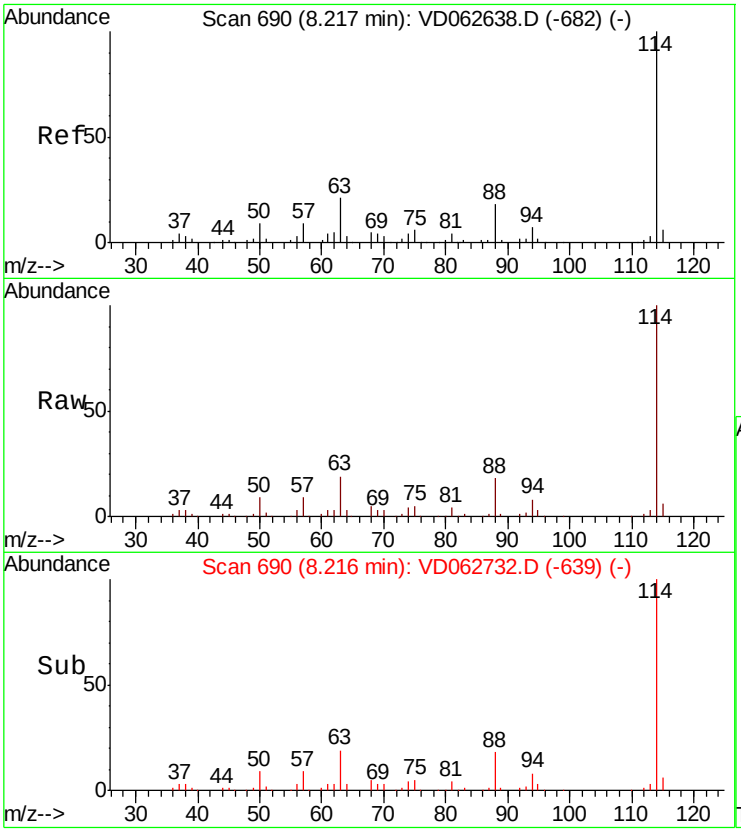


#33
1,2-Dichloroethane-d4
Concen: 38.906 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Tgt Ion: 65 Resp: 520199

Ion	Ratio	Lower	Upper
65	100		
67	43.7	0.0	81.8



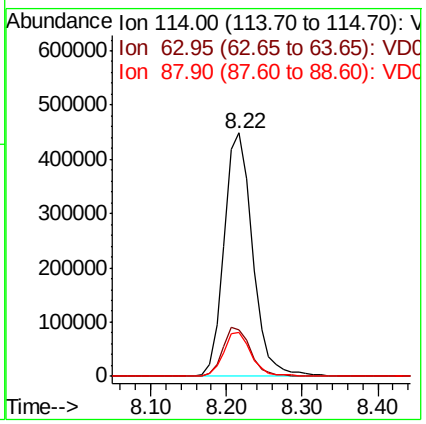


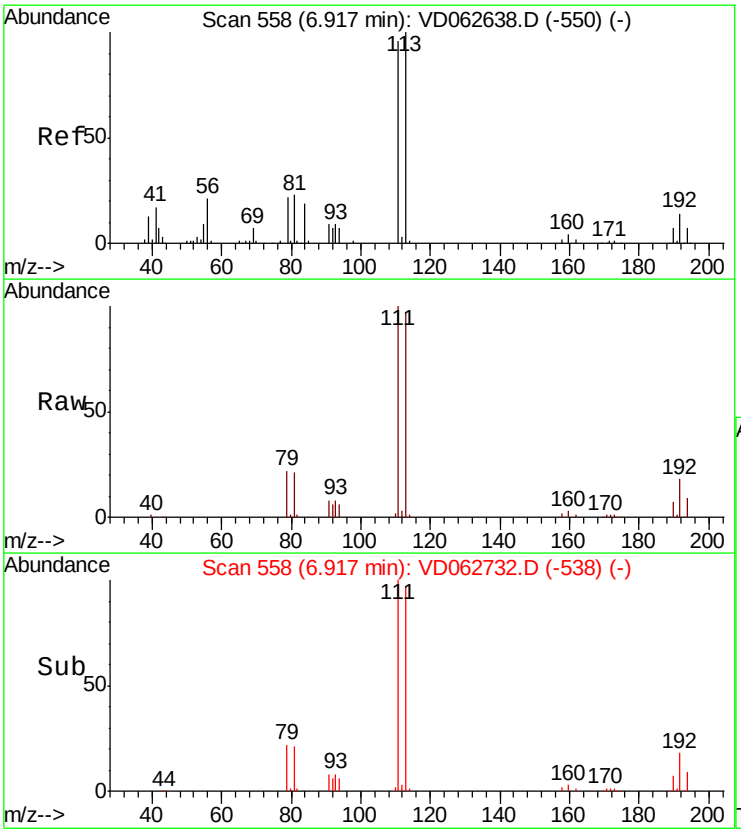
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Instrument :
MSVOA_D
ClientSampleId :
JC-02-061419-D

Tgt Ion:114 Resp: 1167224

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	42.4
88	17.8	0.0	36.8

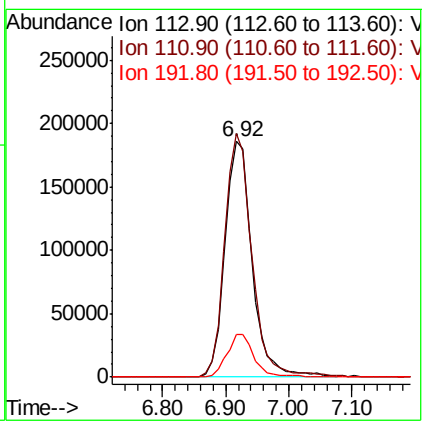


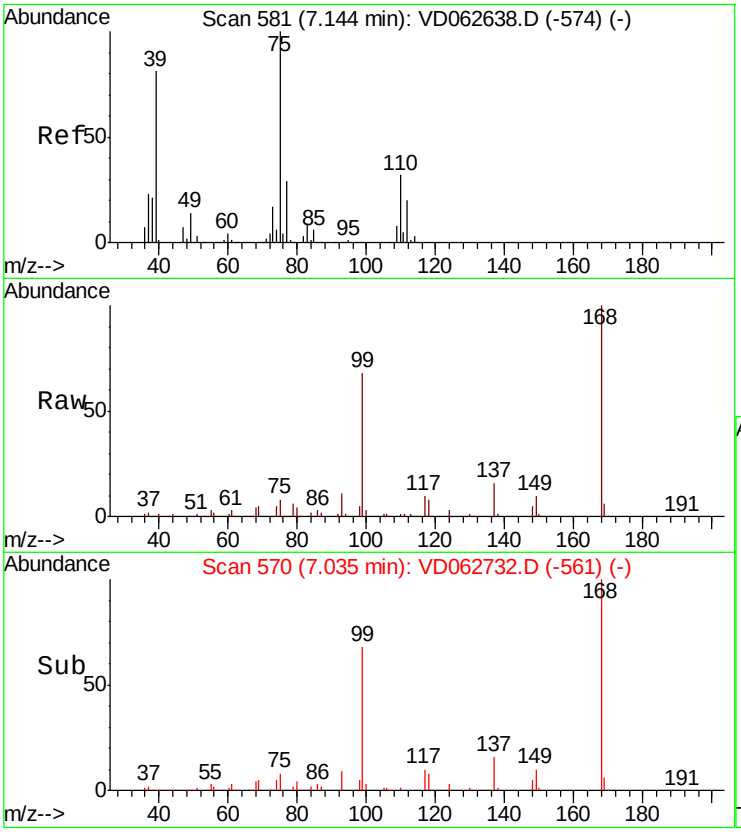


#35
Dibromofluoromethane
Concen: 44.853 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.00 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Tgt Ion:113 Resp: 552140

Ion	Ratio	Lower	Upper
113	100		
111	103.2	76.4	114.6
192	18.3	11.4	17.0#



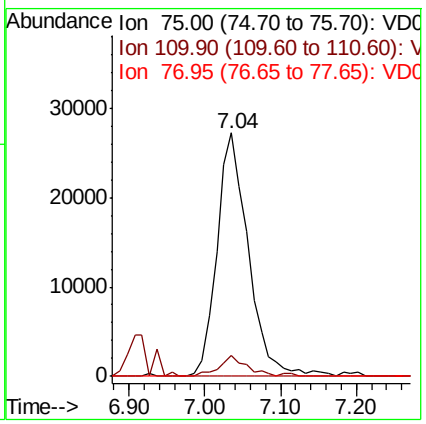


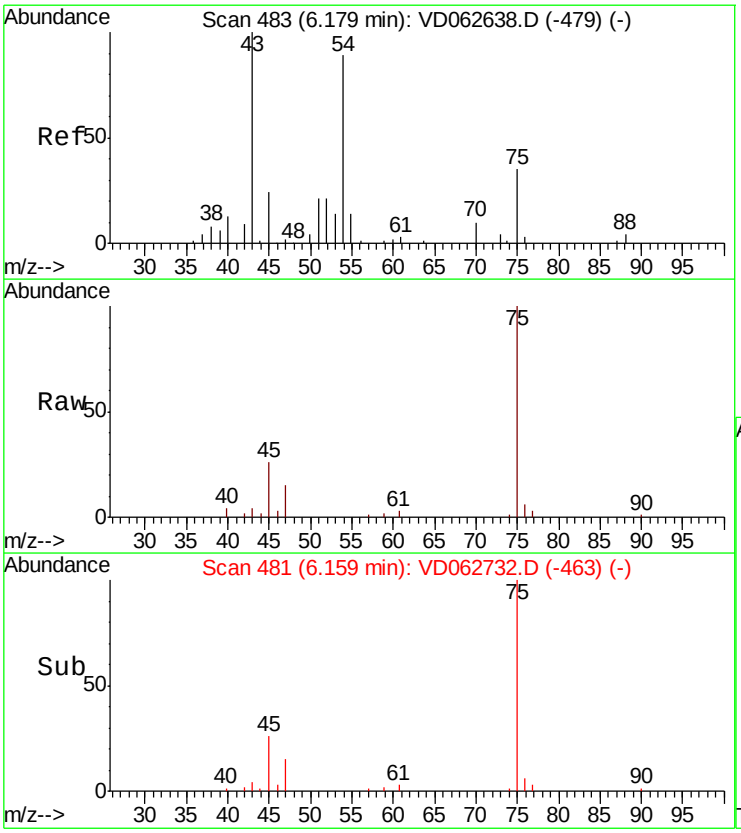
#36
1,1-Dichloropropene
Concen: 5.861 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.11 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Instrument :
MSVOA_D
ClientSampleId :
JC-02-061419-D

Tgt Ion: 75 Resp: 78293

Ion	Ratio	Lower	Upper
75	100		
110	8.8	15.9	47.7#
77	0.0	23.3	34.9#

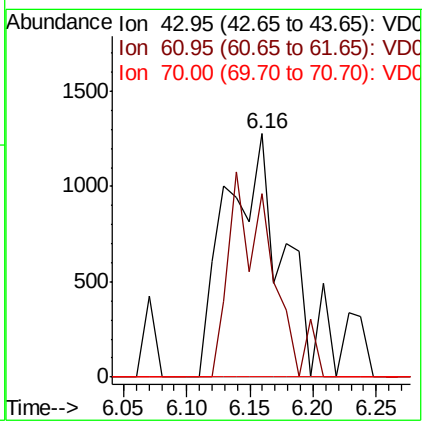


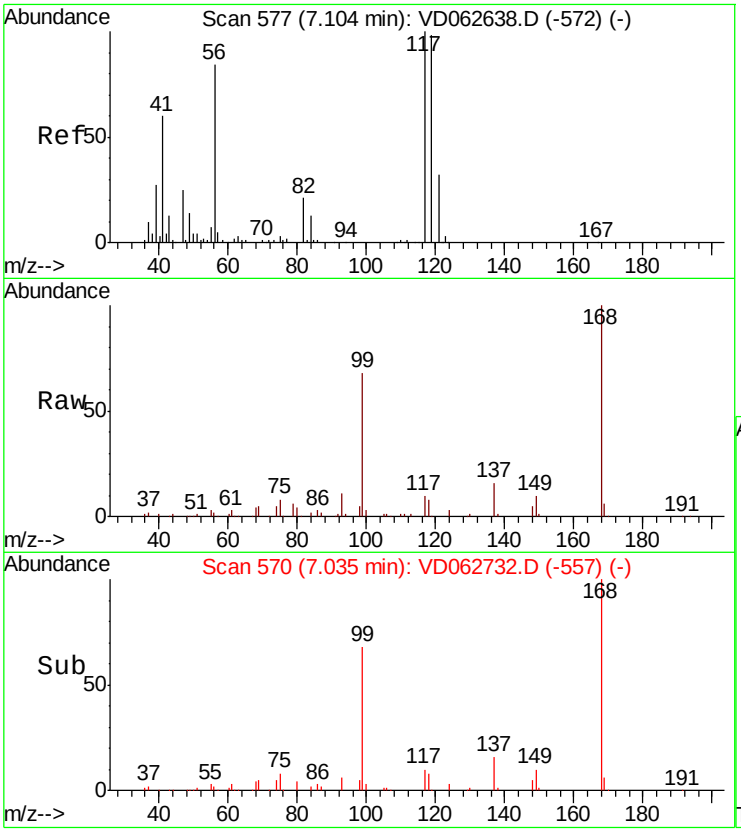


#37
Ethyl Acetate
Concen: 1.909 ug/l
RT: 6.16 min Scan# 481
Delta R.T. -0.02 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Tgt Ion: 43 Resp: 4131

Ion	Ratio	Lower	Upper
43	100		
61	75.2	8.7	13.1#
70	0.0	6.5	9.7#



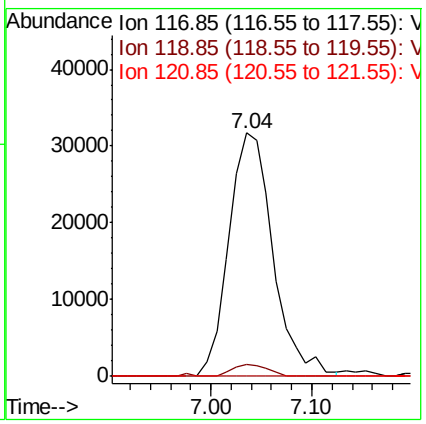


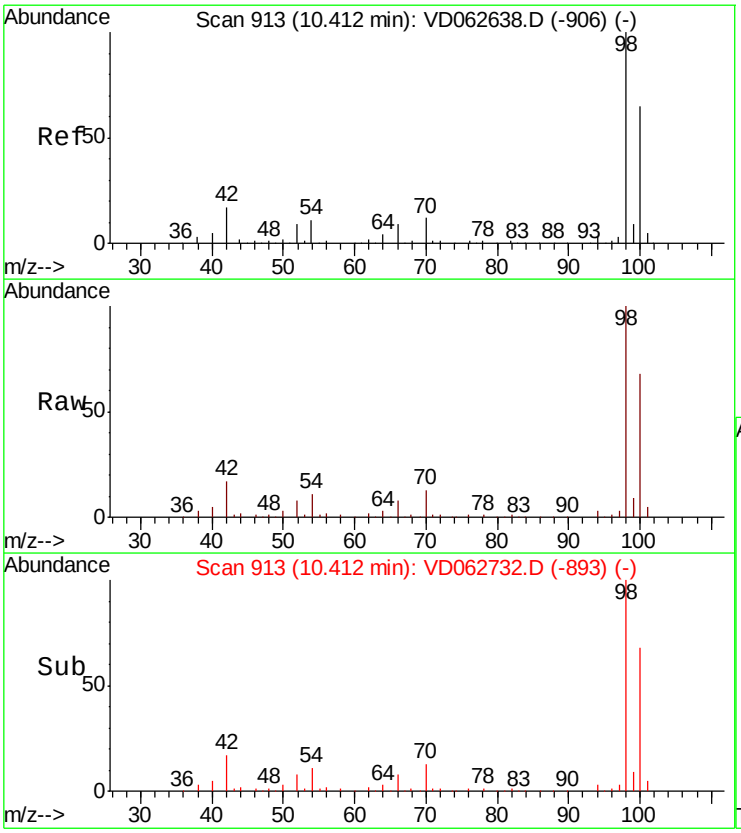
#38
Carbon Tetrachloride
Concen: 4.576 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.07 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Instrument : MSVOA_D
ClientSampleId : JC-02-061419-D

Tgt Ion:117 Resp: 96629

Ion	Ratio	Lower	Upper
117	100		
119	4.8	73.5	110.3#
121	0.0	24.2	36.4#

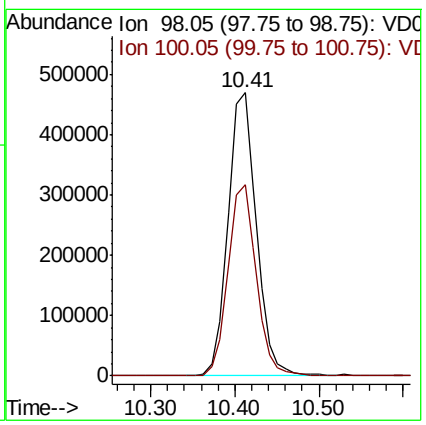


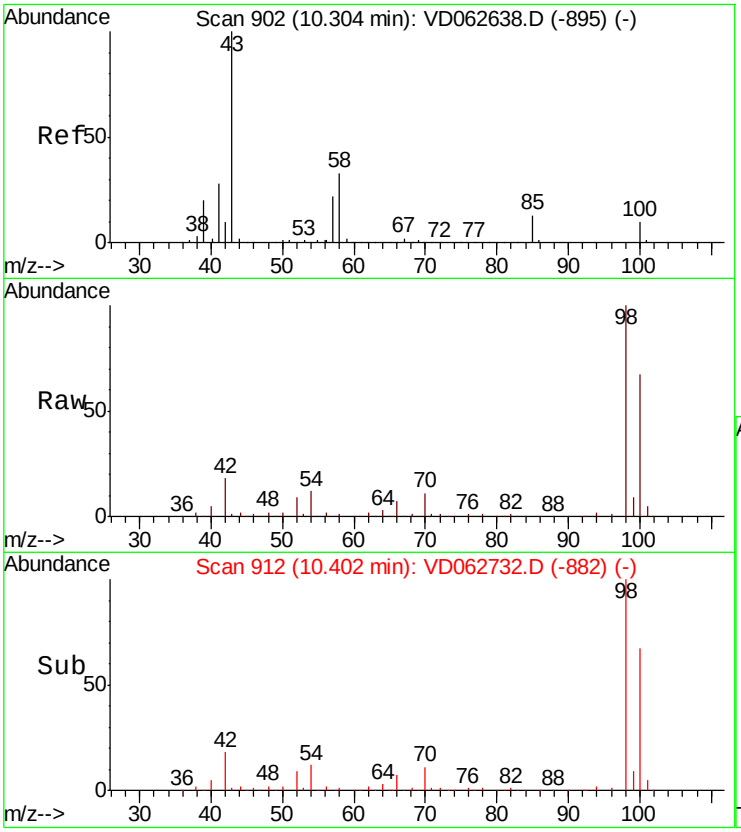


#50
Toluene-d8
Concen: 42.480 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Tgt Ion: 98 Resp: 1100056

Ion	Ratio	Lower	Upper
98	100		
100	67.5	52.1	78.1



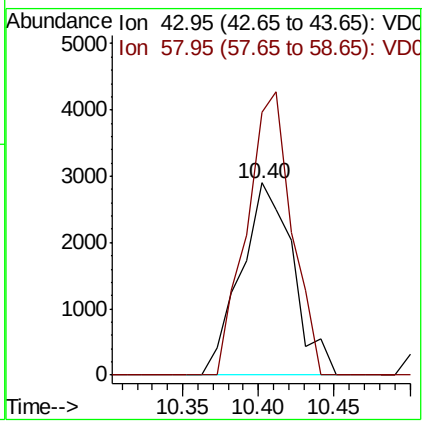


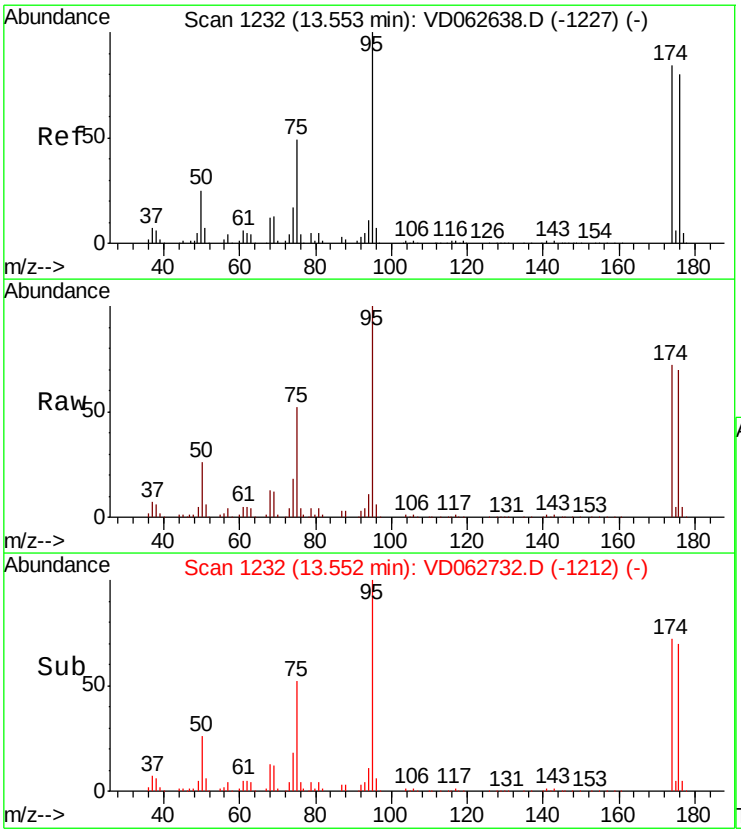
#51
4-Methyl-2-Pentanone
Concen: 1.411 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.10 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Instrument : MSVOA_D
ClientSampleId : JC-02-061419-D

Tgt Ion: 43 Resp: 6961

Ion	Ratio	Lower	Upper
43	100		
58	136.7	26.1	39.1#

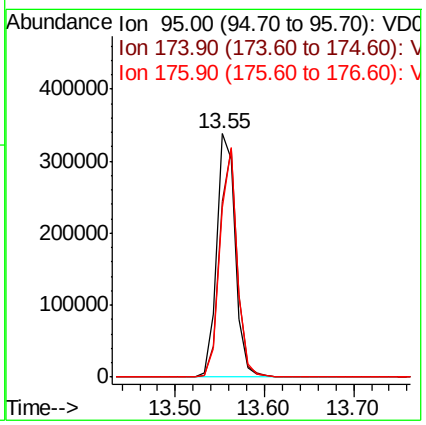


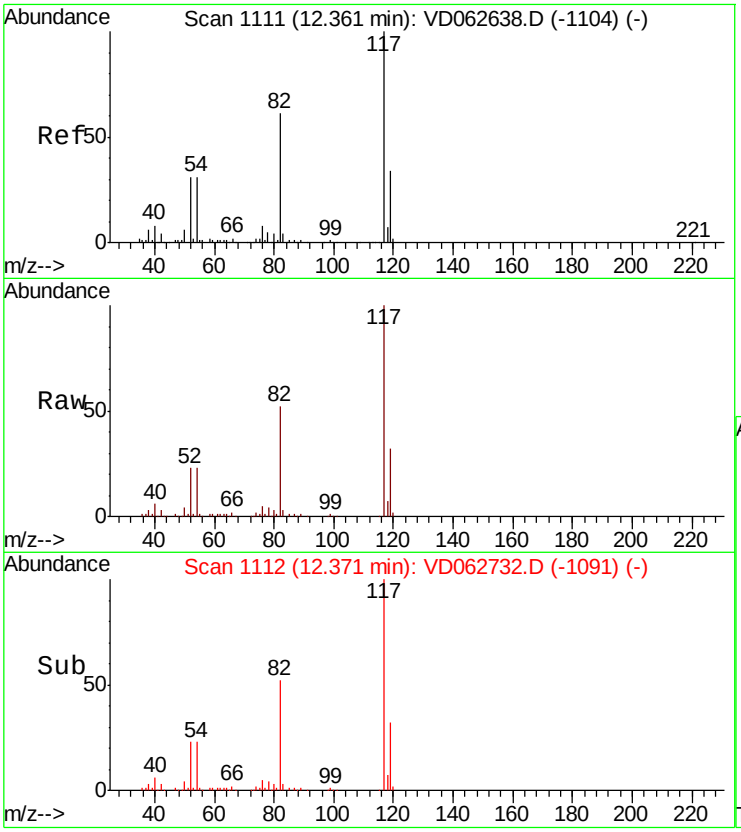


#62
4-Bromofluorobenzene
Concen: 41.044 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Tgt Ion: 95 Resp: 495860

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	167.0
176	69.7	0.0	159.2



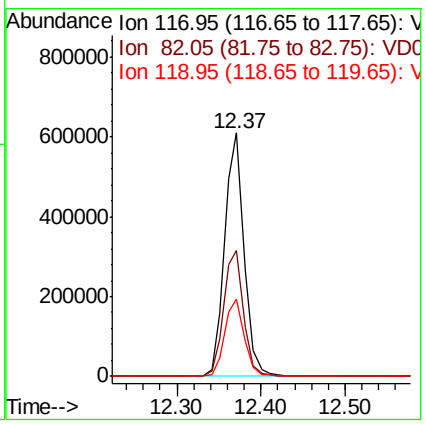


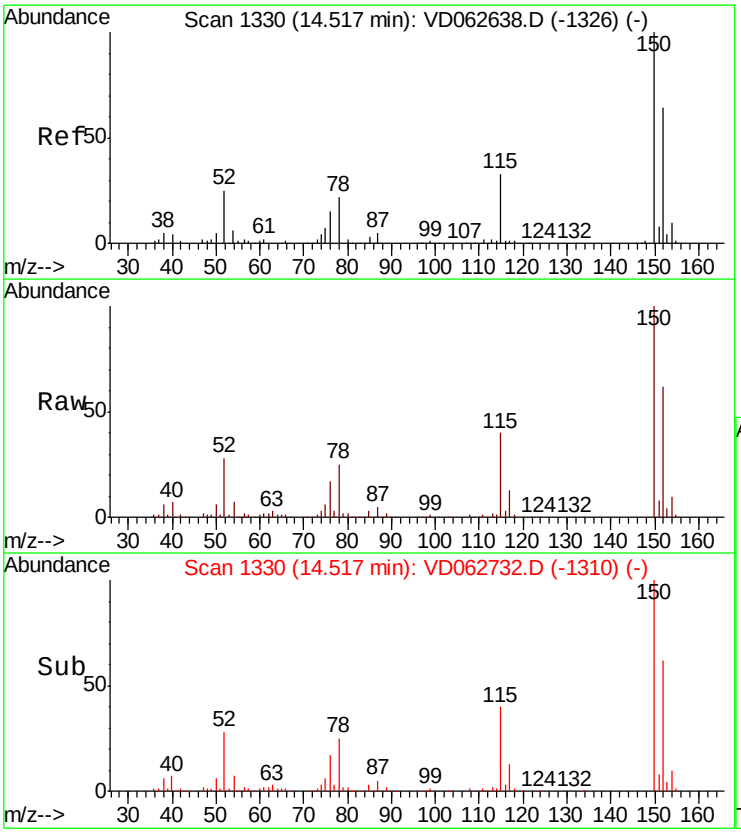
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Instrument : MSVOA_D
ClientSampleId : JC-02-061419-D

Tgt Ion:117 Resp: 973338

Ion	Ratio	Lower	Upper
117	100		
82	51.8	48.7	73.1
119	31.7	27.0	40.6

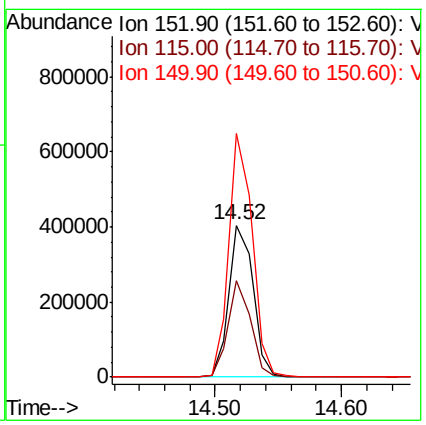


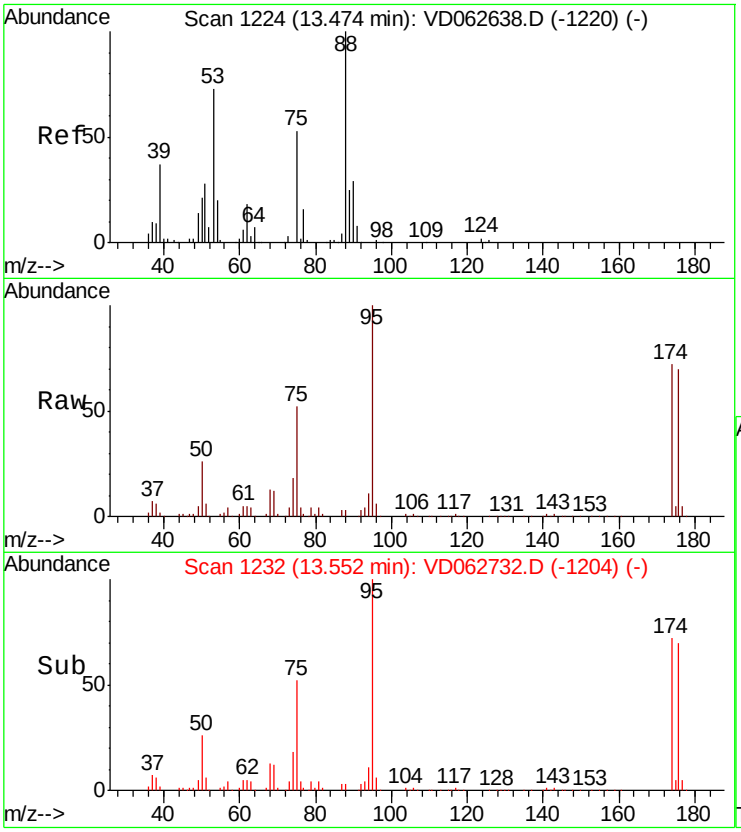


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Tgt Ion:152 Resp: 531833

Ion	Ratio	Lower	Upper
152	100		
115	63.5	30.1	90.5
150	160.3	0.0	314.0



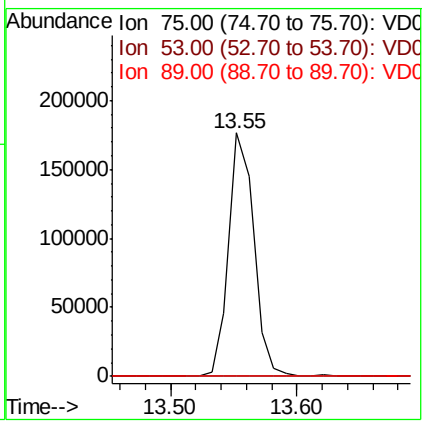


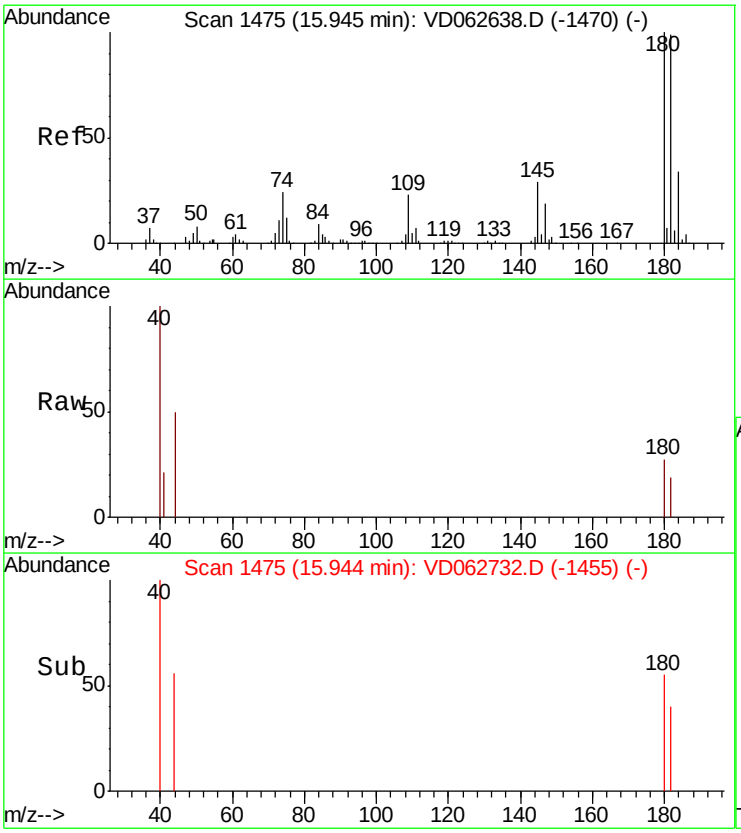
#81
trans-1,4-Dichloro-2-butene
Concen: 108.847 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Instrument :
MSVOA_D
ClientSampleId :
JC-02-061419-D

Tgt Ion: 75 Resp: 243400

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

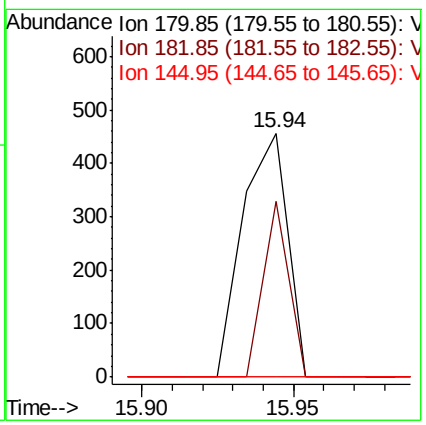


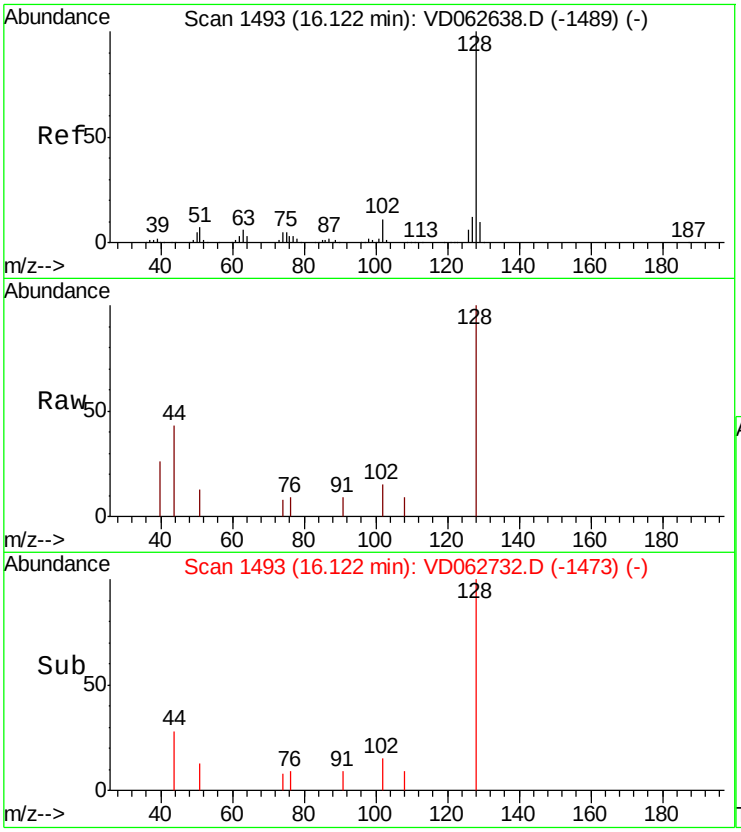


#93
1,2,4-Trichlorobenzene
Concen: 3.600 ug/l
RT: 15.94 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Tgt Ion:180 Resp: 475

Ion	Ratio	Lower	Upper
180	100		
182	72.4	49.4	148.2
145	0.0	14.5	43.6#





#95
Naphthalene
Concen: 3.666 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062732.D
Acq: 17 Jun 2019 17:45

Instrument :
MSVOA_D
ClientSampleId :
JC-02-061419-D

Tgt Ion:128 Resp: 4496

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