Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082219\
Data File : VD063738.D
Acq On : 22 Aug 2019 17:23
Operator : JC/SY
Sample : K4404-01
Misc : 6.22g/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : T1-K1-(2.5)

Quant Time: Aug 23 06:59:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	31366	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	52720	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	52764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	28856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	41594	124.06	ug/l	-0.02
Spiked Amount 50.000			Recovery = 248.12%			
35) Dibromofluoromethane	6.92	113	30487	68.66	ug/l	-0.02
Spiked Amount 50.000			Recovery = 137.32%			
50) Toluene-d8	10.41	98	59689	61.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 122.30%			
62) 4-Bromofluorobenzene	13.55	95	28626	64.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 129.40%			
Target Compounds						Qvalue
3) Chloromethane	1.80	50	470	1.585	ug/l #	41
5) Bromomethane	2.13	94	2142	15.424	ug/l #	3
6) Chloroethane	2.31	64	250	1.857	ug/l #	1
8) Diethyl Ether	2.87	74	576	7.067	ug/l #	32
11) Tert butyl alcohol	4.08	59	185	12.675	ug/l #	71
13) Acrolein	3.02	56	254	17.680	ug/l #	49
16) Acetone	3.22	43	27056	396.975	ug/l #	91
18) Methyl Acetate	3.65	43	272	2.107	ug/l #	57
20) Methylene Chloride	3.83	84	5510	18.696	ug/l #	57
25) 2-Butanone	6.09	43	417	6.195	ug/l #	58
29) Tetrahydrofuran	6.46	42	557	17.758	ug/l #	46
31) Cyclohexane	7.05	56	569	1.880	ug/l #	74
37) Ethyl Acetate	6.13	43	226	1.157	ug/l #	73
38) Carbon Tetrachloride	7.05	117	2745	3.908	ug/l #	13
41) Methacrylonitrile	6.47	41	249	1.013	ug/l #	37
43) Isopropyl Acetate	9.13	43	400	1.529	ug/l #	48
48) Methyl methacrylate	9.06	41	207	1.167	ug/l #	18
51) 4-Methyl-2-Pentanone	10.36	43	247	1.380	ug/l #	40
58) 2-Chloroethyl Vinyl ether	9.86	63	464	3.629	ug/l #	49
59) 2-Hexanone	11.49	43	225	1.728	ug/l #	30
81) trans-1,4-Dichloro-2-buten	13.56	75	12255	137.681	ug/l #	1
95) Naphthalene	16.13	128	1109	1.292	ug/l #	71

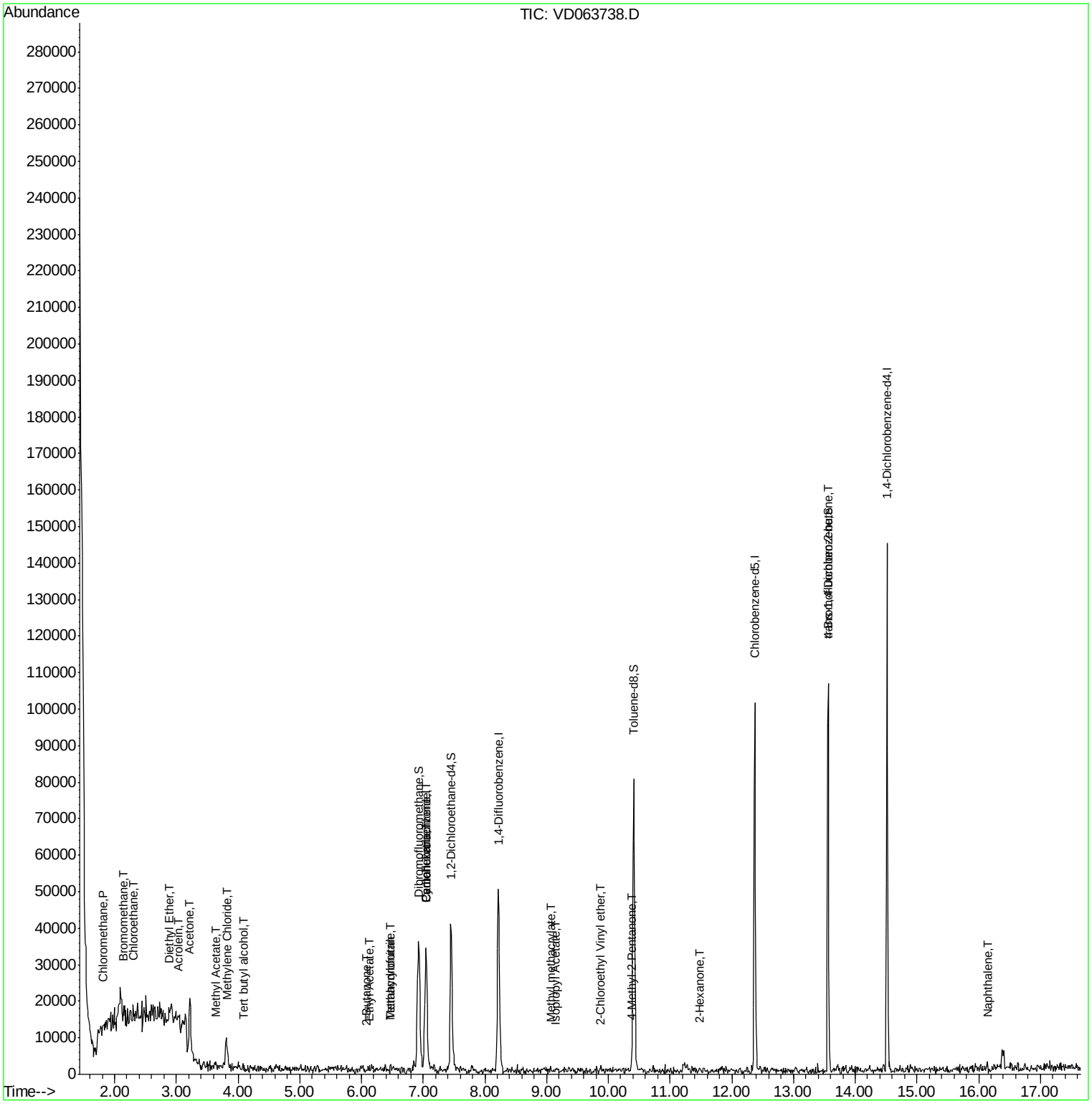
(#) = qualifier out of range (m) = manual integration (+) = signals summed

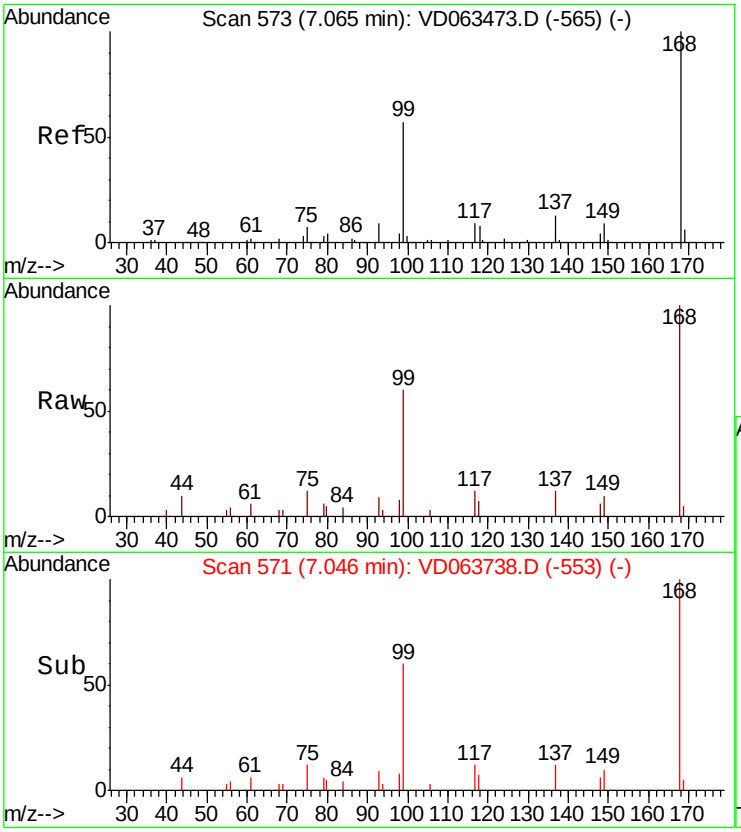
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082219\
Data File : VD063738.D
Acq On : 22 Aug 2019 17:23
Operator : JC/SY
Sample : K4404-01
Misc : 6.22g/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T1-K1-(2.5)

Quant Time: Aug 23 06:59:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration



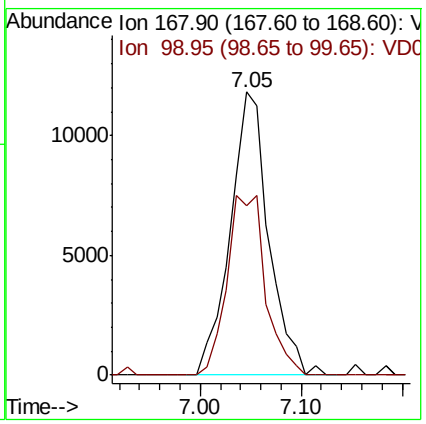


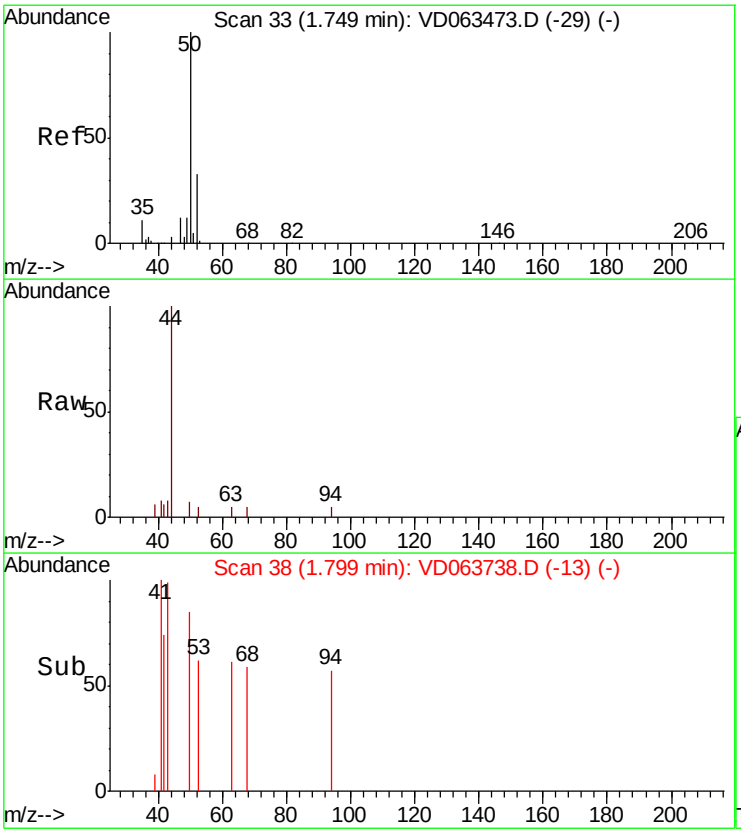
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.02 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument :
MSVOA_D
ClientSampleId :
T1-K1-(2.5)

Tgt Ion:168 Resp: 31366

Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.7	70.1

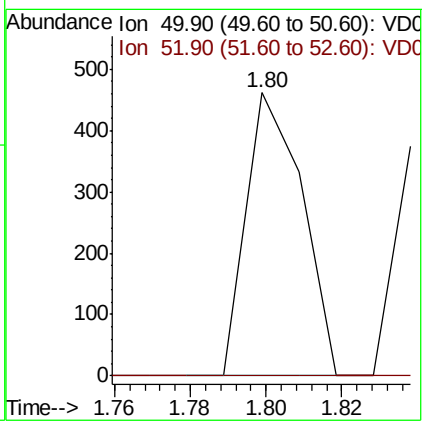


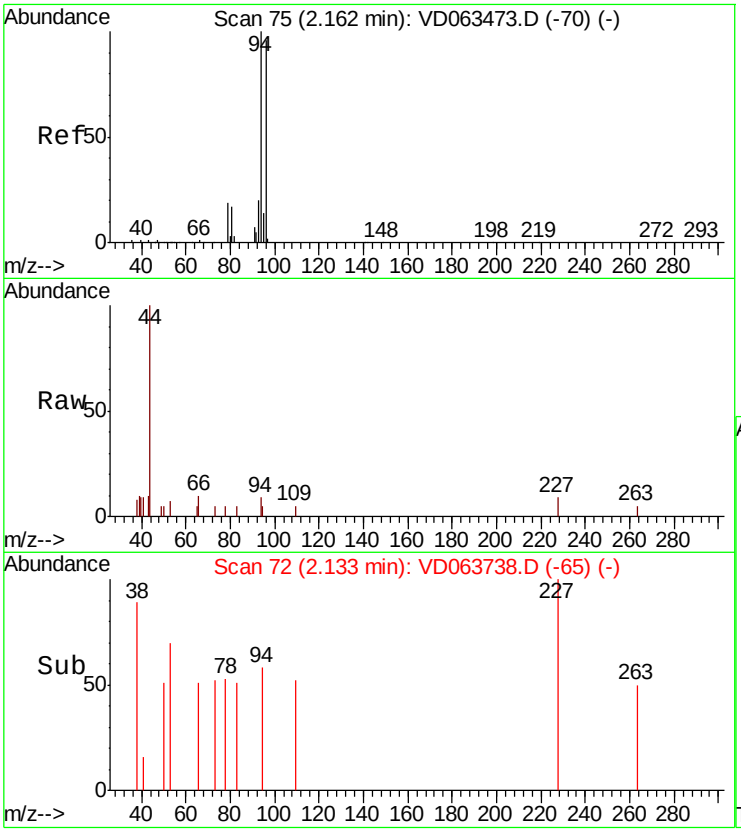


#3
Chloromethane
Concen: 1.585 ug/l
RT: 1.80 min Scan# 38
Delta R.T. 0.05 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion: 50 Resp: 470

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.6	40.0#



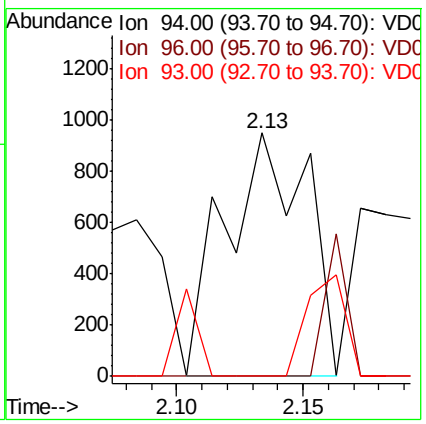


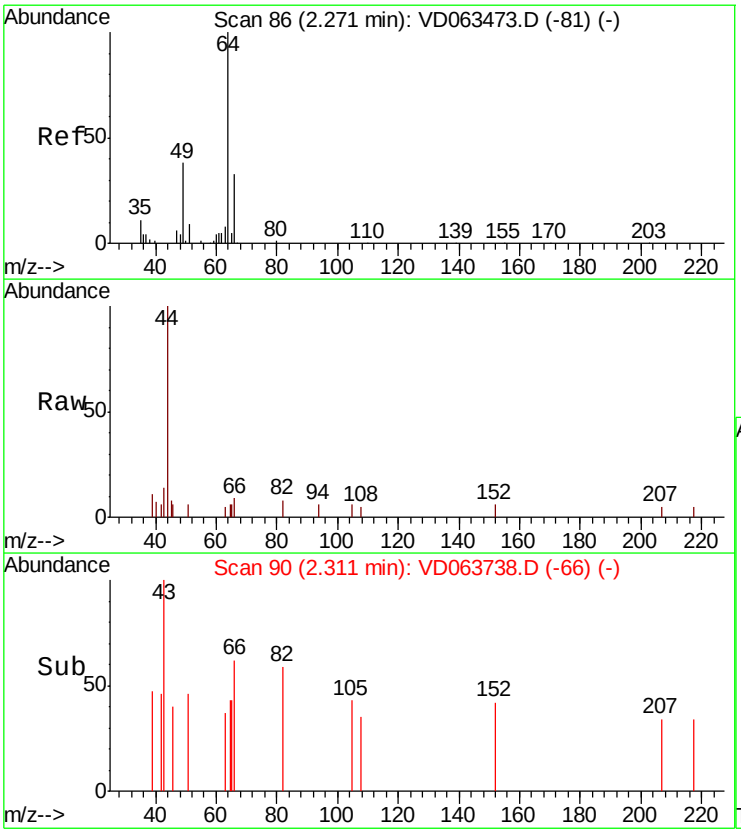
#5
Bromomethane
Concen: 15.424 ug/l
RT: 2.13 min Scan# 72
Delta R.T. -0.03 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument : MSVOA_D
ClientSampleId : T1-K1-(2.5)

Tgt Ion: 94 Resp: 2142

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.5	114.7#
93	63.0	15.8	23.8#

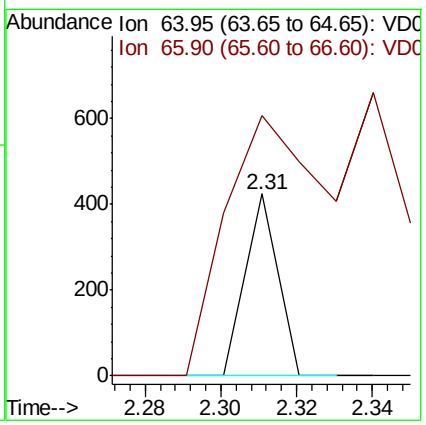


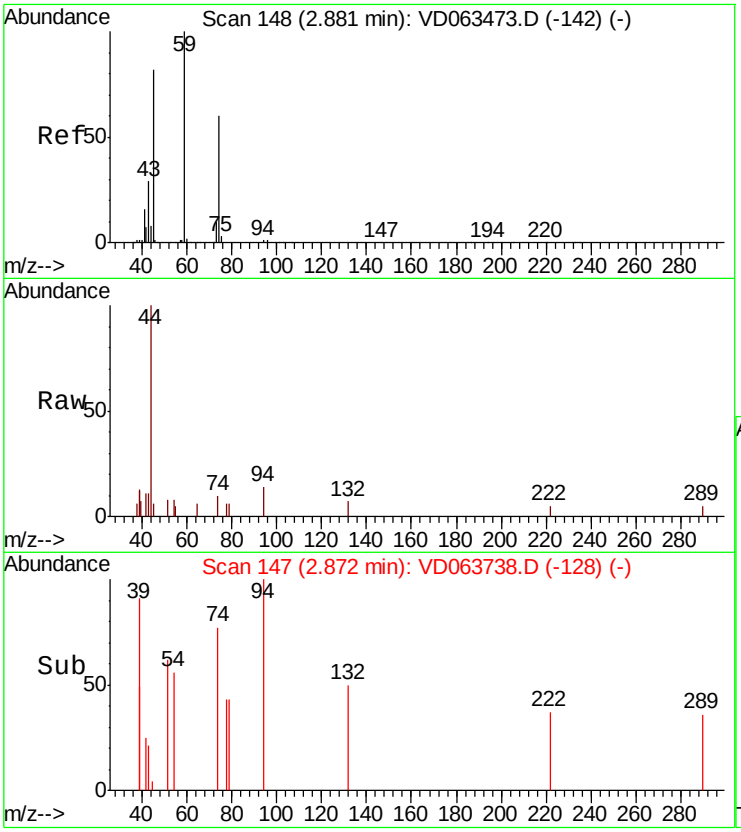


#6
Chloroethane
Concen: 1.857 ug/l
RT: 2.31 min Scan# 90
Delta R.T. 0.04 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion: 64 Resp: 250

Ion	Ratio	Lower	Upper
64	100		
66	143.2	26.3	39.5#



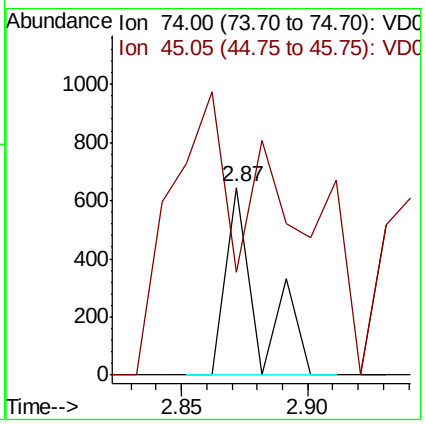


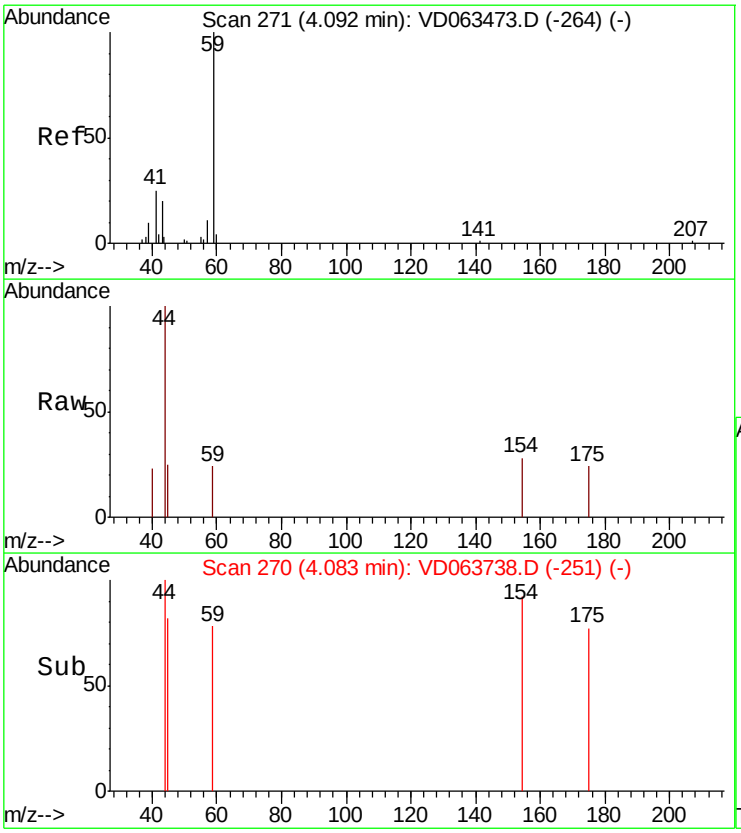
#8
Diethyl Ether
Concen: 7.067 ug/l
RT: 2.87 min Scan# 147
Delta R.T. -0.01 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument : MSVOA_D
ClientSampleId : T1-K1-(2.5)

Tgt Ion: 74 Resp: 576

Ion	Ratio	Lower	Upper
74	100		
45	54.7	68.5	205.5#

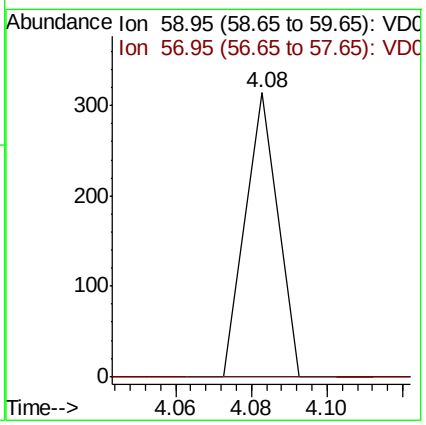


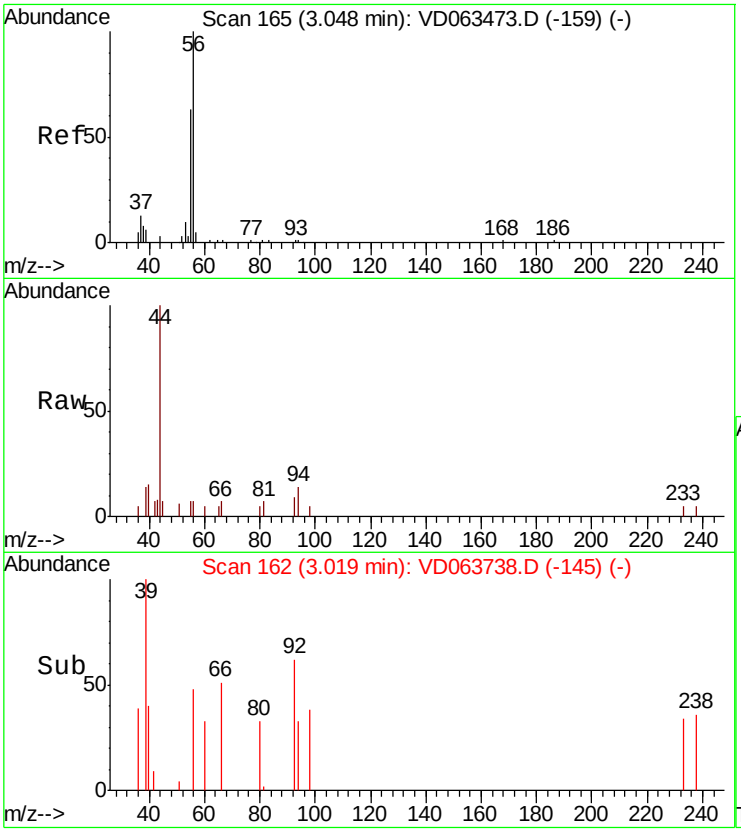


#11
Tert butyl alcohol
Concen: 12.675 ug/l
RT: 4.08 min Scan# 270
Delta R.T. -0.01 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion: 59 Resp: 185

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



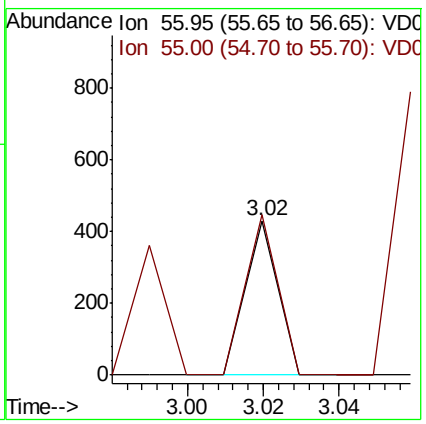


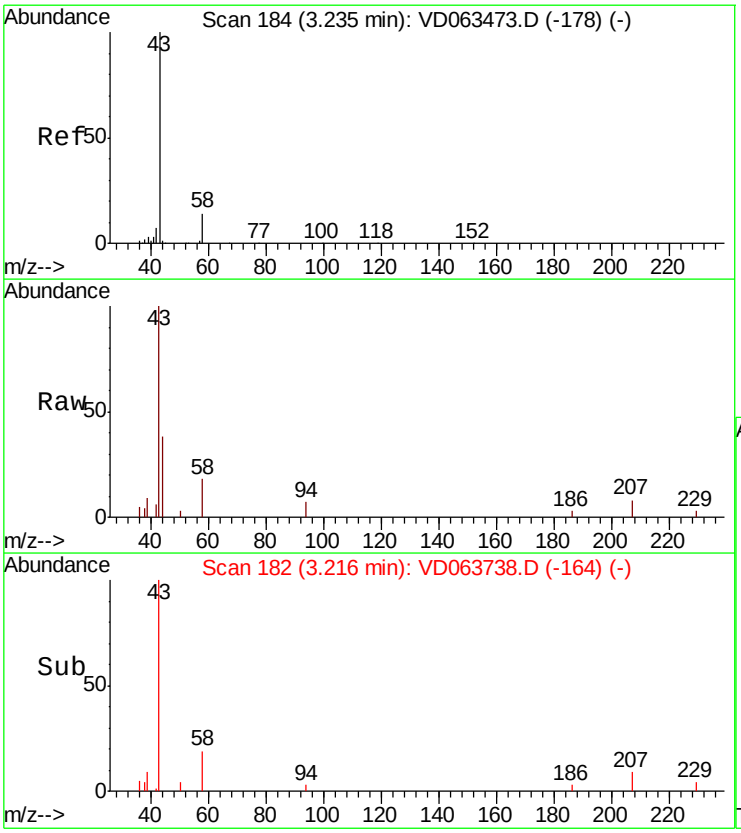
#13
Acrolein
Concen: 17.680 ug/l
RT: 3.02 min Scan# 162
Delta R.T. -0.03 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument : MSVOA_D
ClientSampleId : T1-K1-(2.5)

Tgt Ion: 56 Resp: 254

Ion	Ratio	Lower	Upper
56	100		
55	104.0	51.3	76.9#

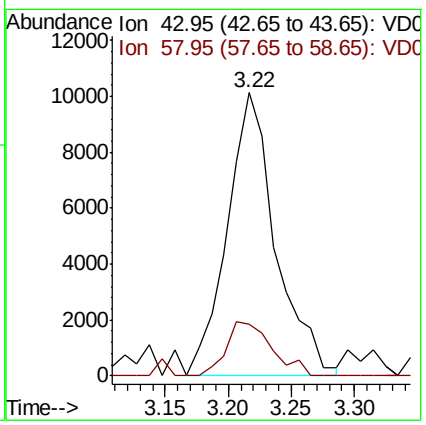


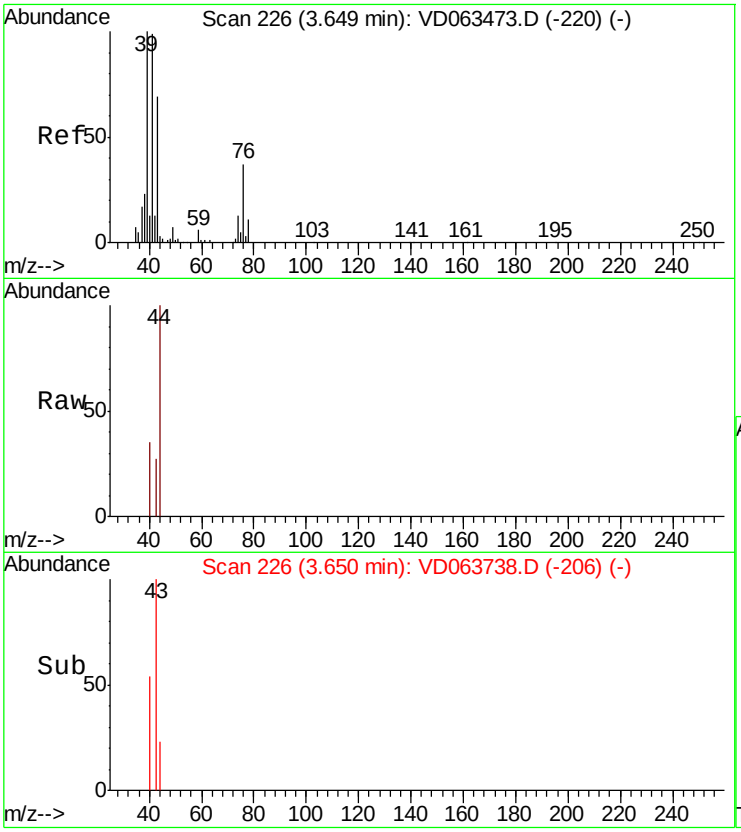


#16
Acetone
Concen: 396.975 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.02 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion: 43 Resp: 27056

Ion	Ratio	Lower	Upper
43	100		
58	18.1	11.4	17.2#



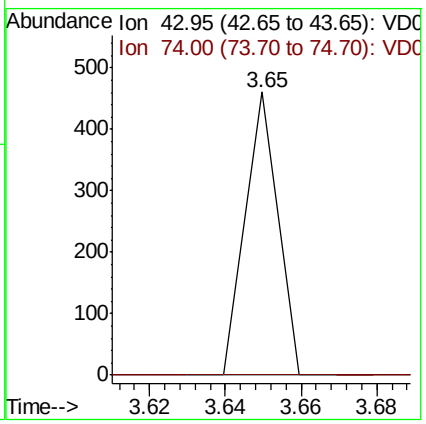


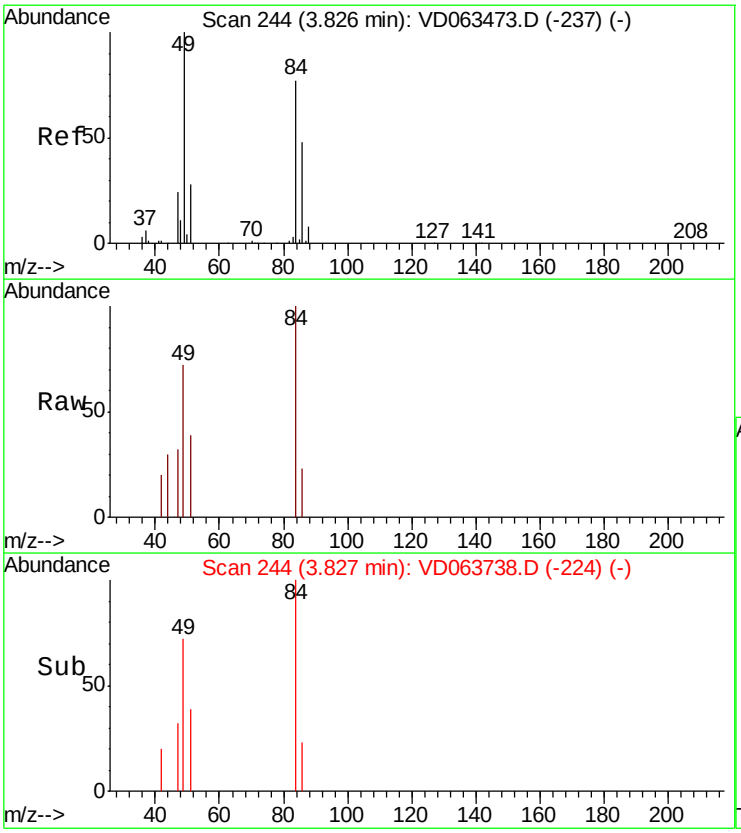
#18
Methyl Acetate
Concen: 2.107 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.00 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument : MSVOA_D
ClientSampleId : T1-K1-(2.5)

Tgt Ion: 43 Resp: 272

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.4	23.2#

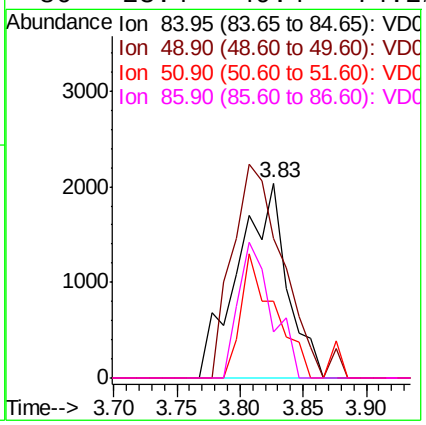


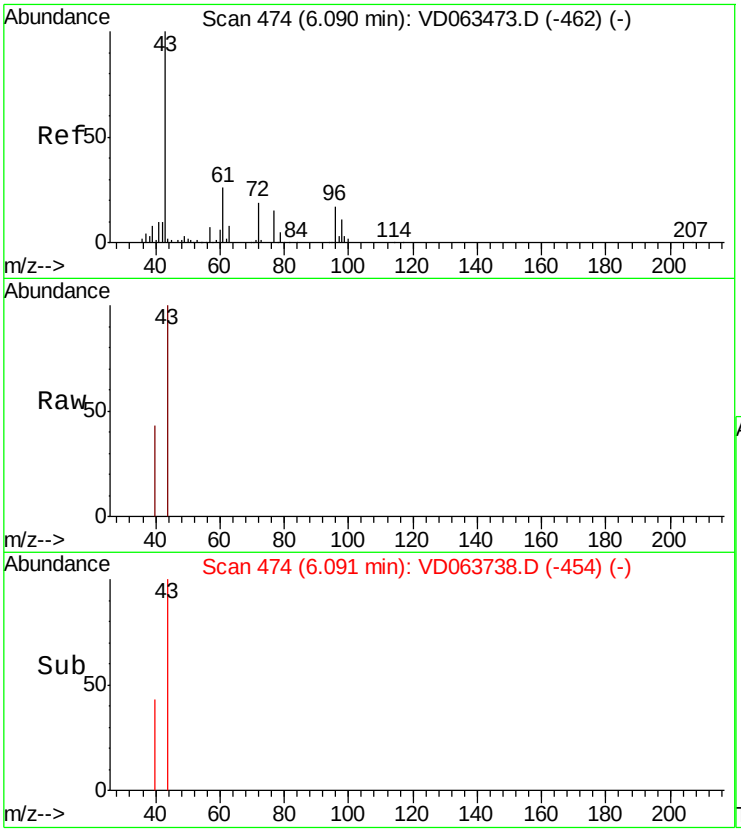


#20
Methylene Chloride
Concen: 18.696 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion: 84 Resp: 5510

Ion	Ratio	Lower	Upper
84	100		
49	71.6	103.4	155.2#
51	39.5	28.5	42.7
86	23.4	49.4	74.2#



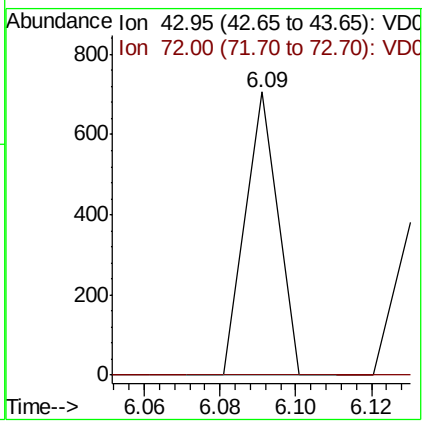


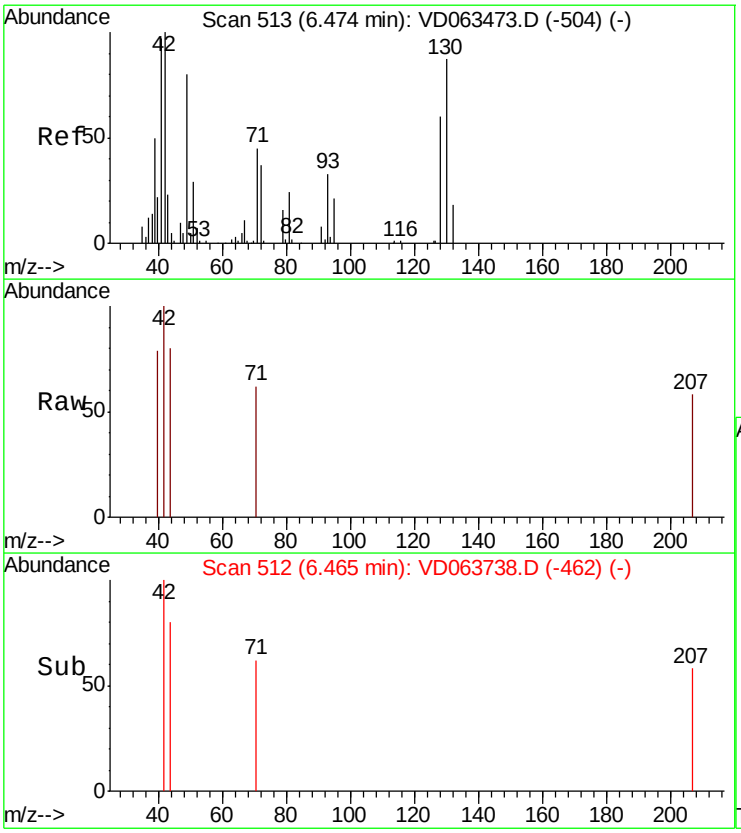
#25
2-Butanone
Concen: 6.195 ug/l
RT: 6.09 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument : MSVOA_D
ClientSampleId : T1-K1-(2.5)

Tgt Ion: 43 Resp: 417

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.1	22.7#

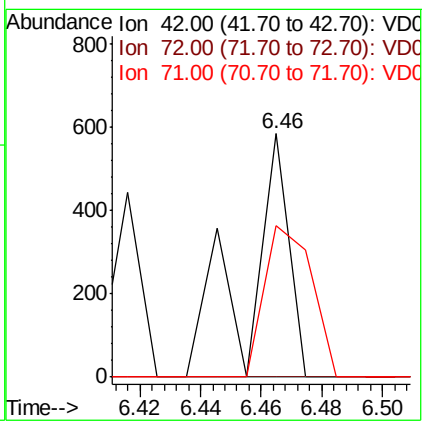


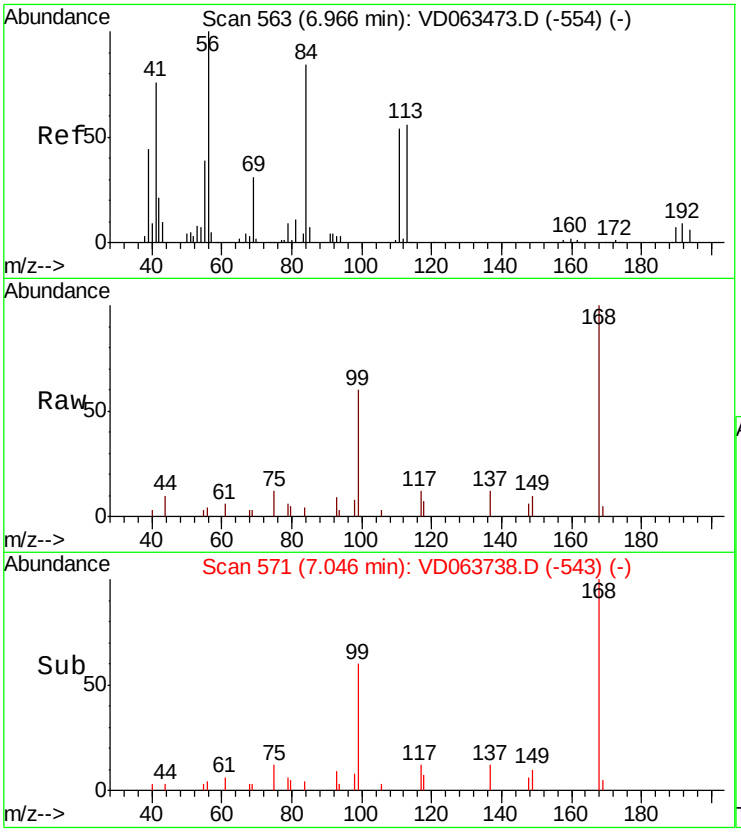


#29
Tetrahydrofuran
Concen: 17.758 ug/l
RT: 6.46 min Scan# 512
Delta R.T. -0.01 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion: 42 Resp: 557

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.5	47.3#
71	70.9	33.8	50.8#



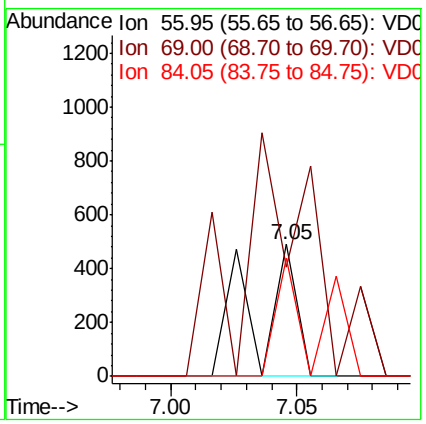


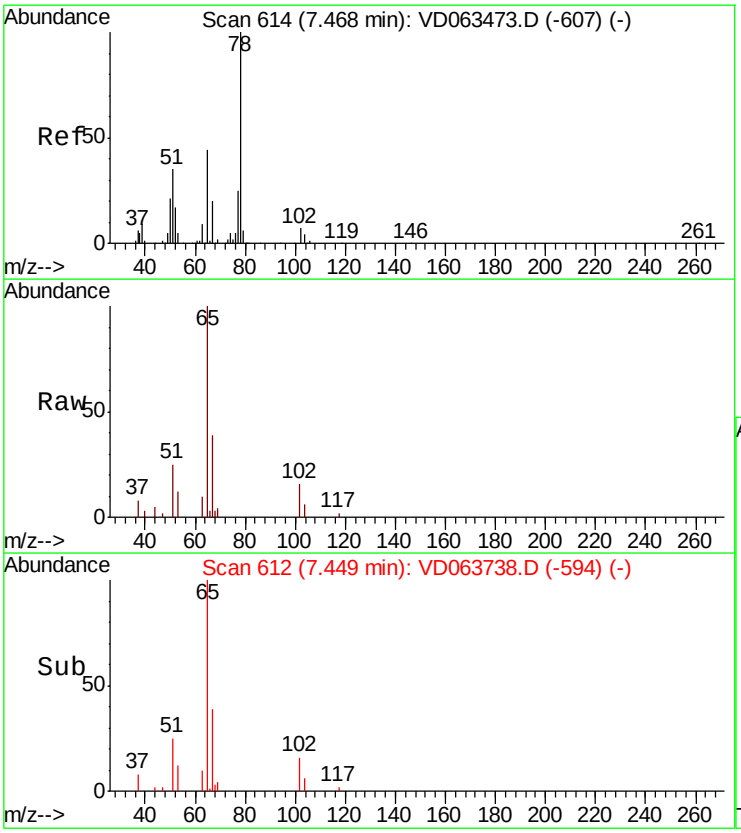
#31
Cyclohexane
Concen: 1.880 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument : MSVOA_D
ClientSampleId : T1-K1-(2.5)

Tgt Ion: 56 Resp: 569

Ion	Ratio	Lower	Upper
56	100		
69	82.9	25.0	37.6#
84	89.2	69.7	104.5

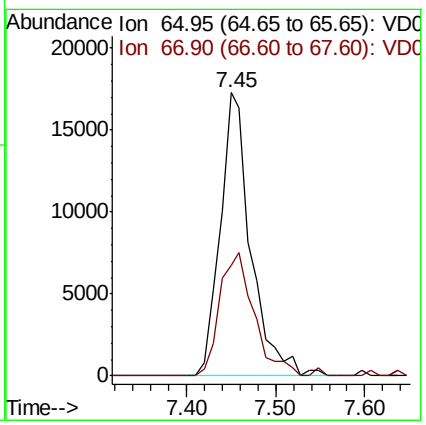


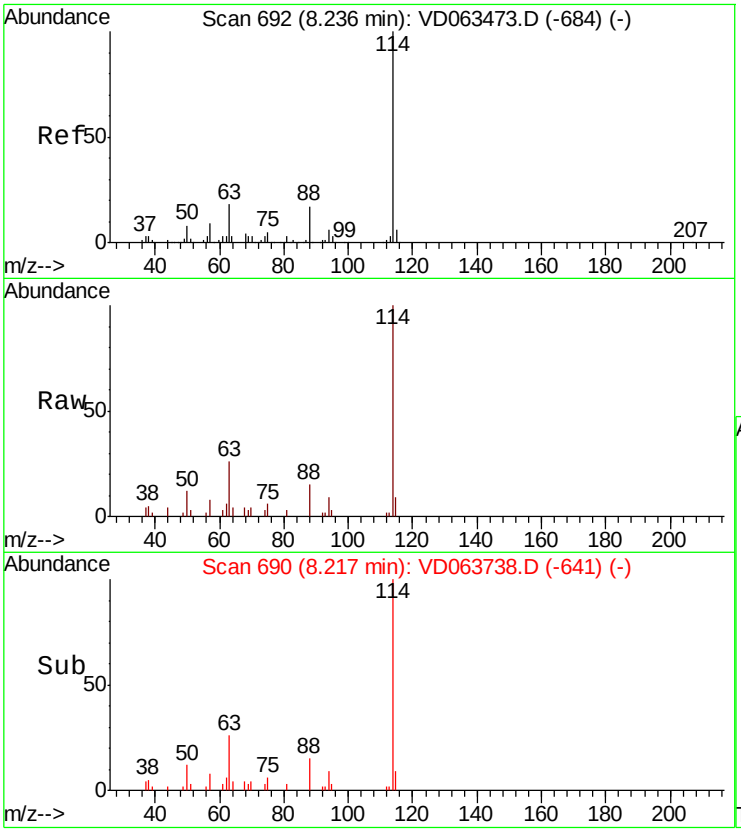


#33
1,2-Dichloroethane-d4
Concen: 124.058 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion: 65 Resp: 41594

Ion	Ratio	Lower	Upper
65	100		
67	39.0	0.0	89.2



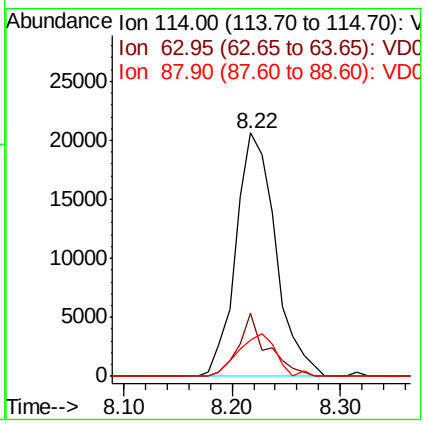


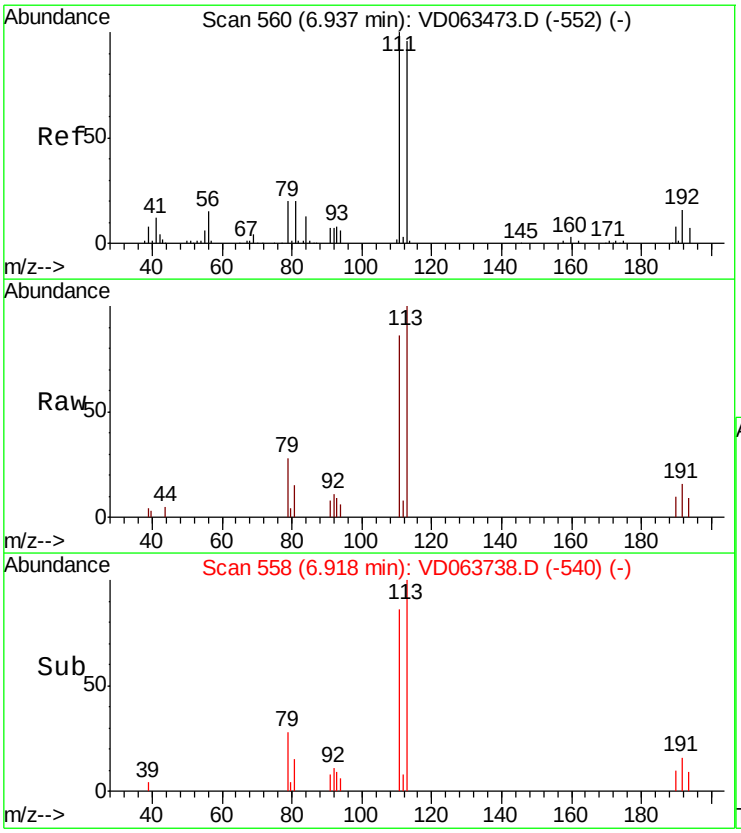
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.02 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument :
MSVOA_D
ClientSampleId :
T1-K1-(2.5)

Tgt Ion:114 Resp: 52720

Ion	Ratio	Lower	Upper
114	100		
63	25.7	0.0	36.2
88	15.1	0.0	35.0

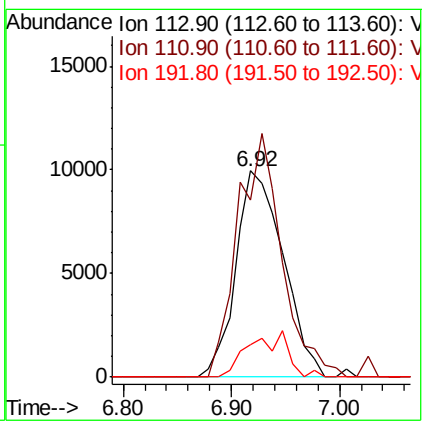


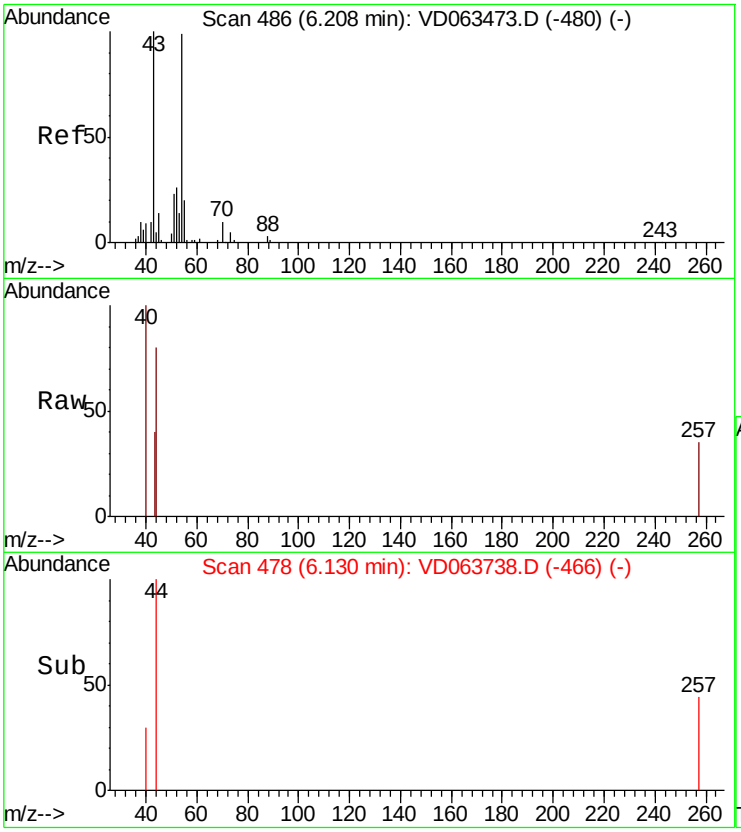


#35
Dibromofluoromethane
Concen: 68.663 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion:113 Resp: 30487

Ion	Ratio	Lower	Upper
113	100		
111	86.2	83.1	124.7
192	15.6	13.1	19.7



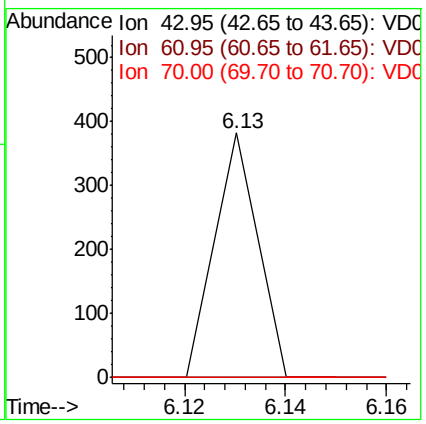


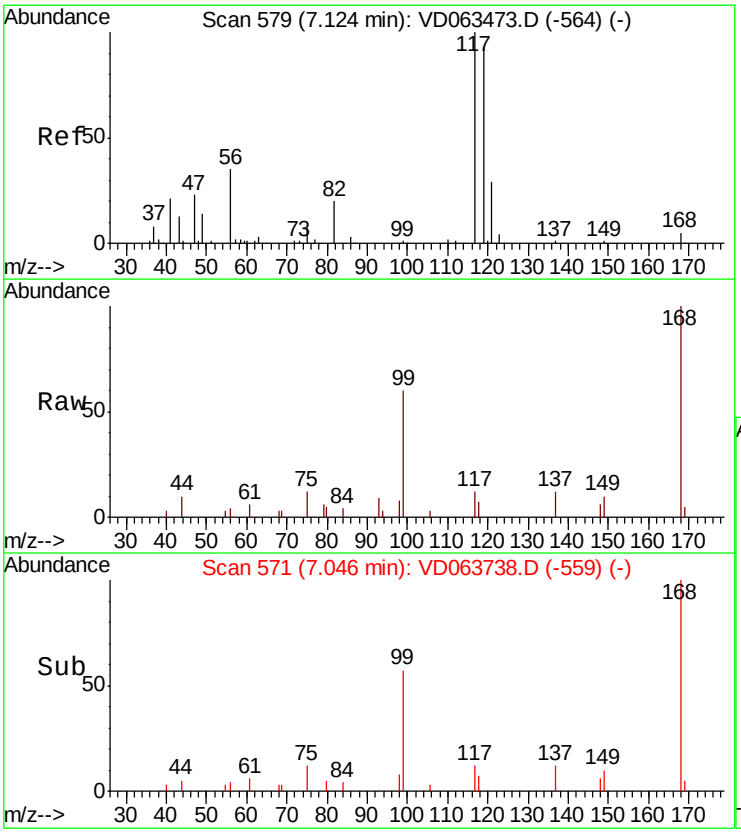
#37
Ethyl Acetate
Concen: 1.157 ug/l
RT: 6.13 min Scan# 478
Delta R.T. -0.08 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument : MSVOA_D
ClientSampleId : T1-K1-(2.5)

Tgt Ion: 43 Resp: 226

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.0	13.6#
70	0.0	6.9	10.3#

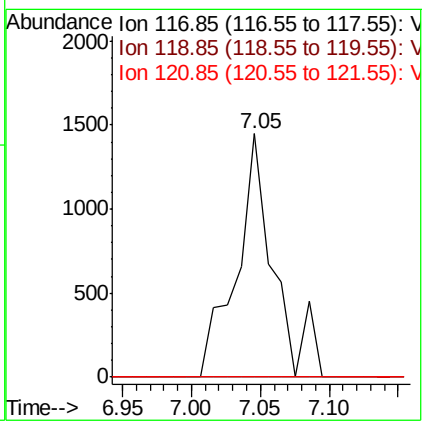


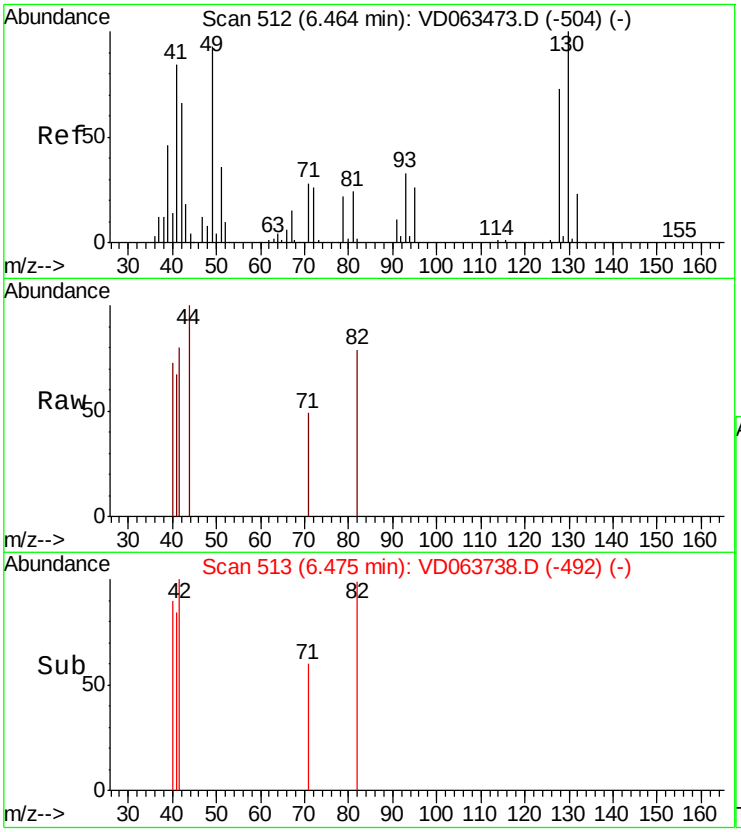


#38
Carbon Tetrachloride
Concen: 3.908 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion:117 Resp: 2745

Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.2	111.2#
121	0.0	23.1	34.7#



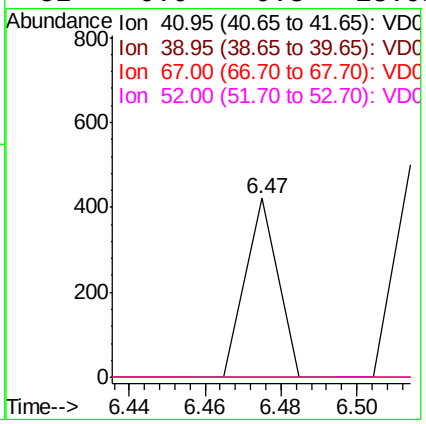


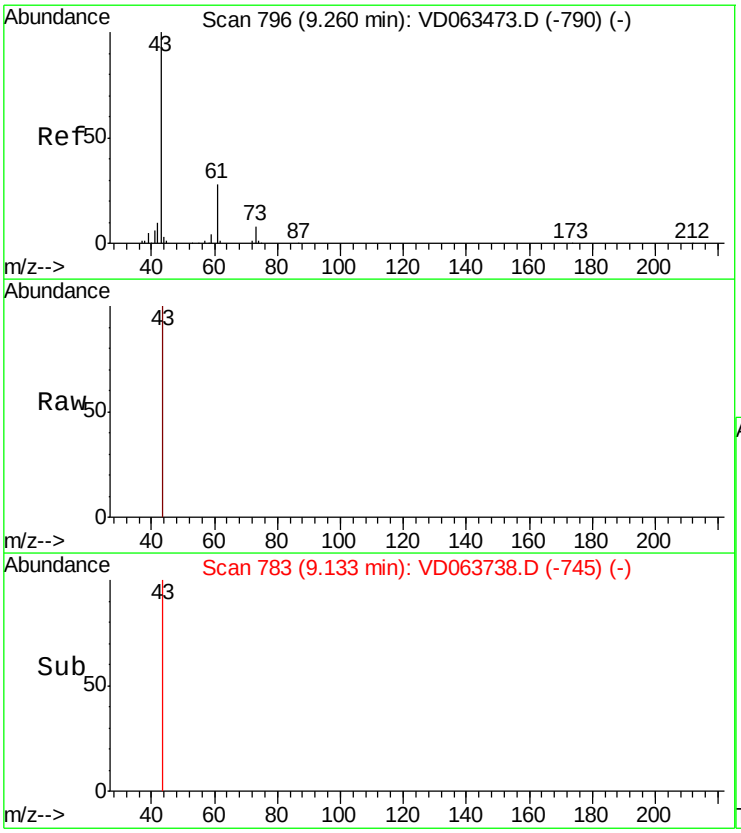
#41
Methacrylonitrile
Concen: 1.013 ug/l
RT: 6.47 min Scan# 513
Delta R.T. 0.01 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument : MSVOA_D
ClientSampleId : T1-K1-(2.5)

Tgt Ion: 41 Resp: 249

Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	66.8#
67	0.0	14.4	21.6#
52	0.0	9.3	13.9#

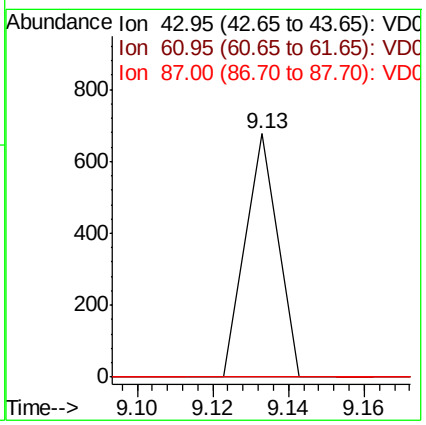


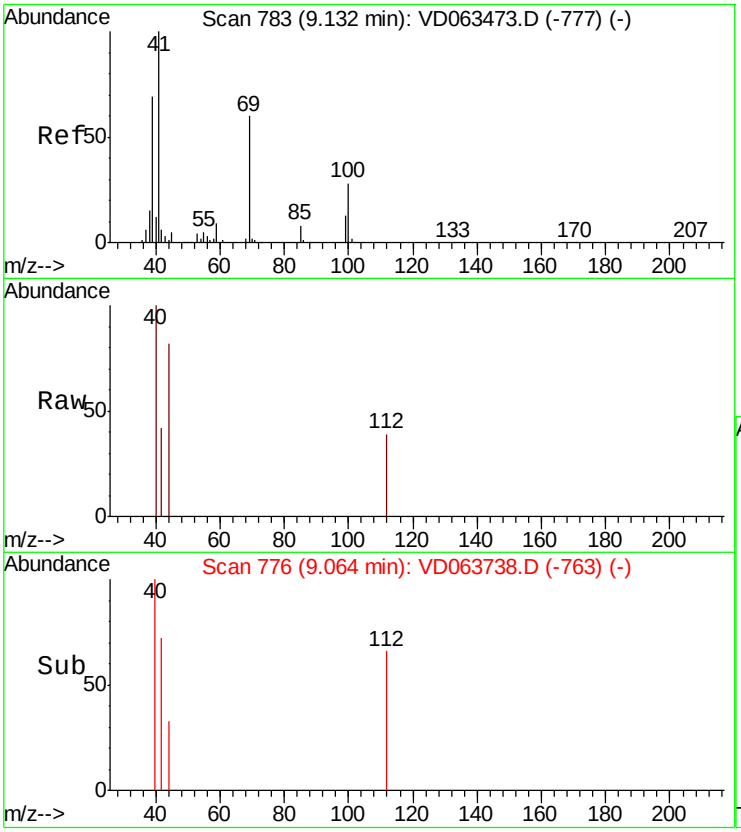


#43
Isopropyl Acetate
Concen: 1.529 ug/l
RT: 9.13 min Scan# 783
Delta R.T. -0.13 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion: 43 Resp: 400

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.2	33.2#
87	0.0	0.2	0.4#



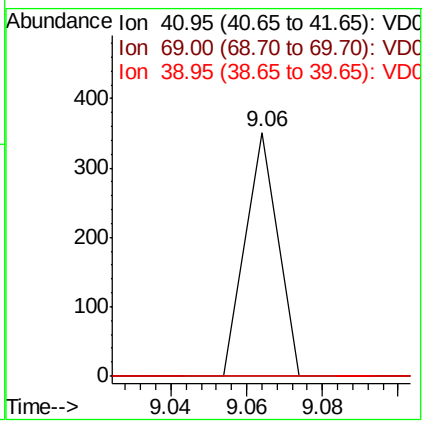


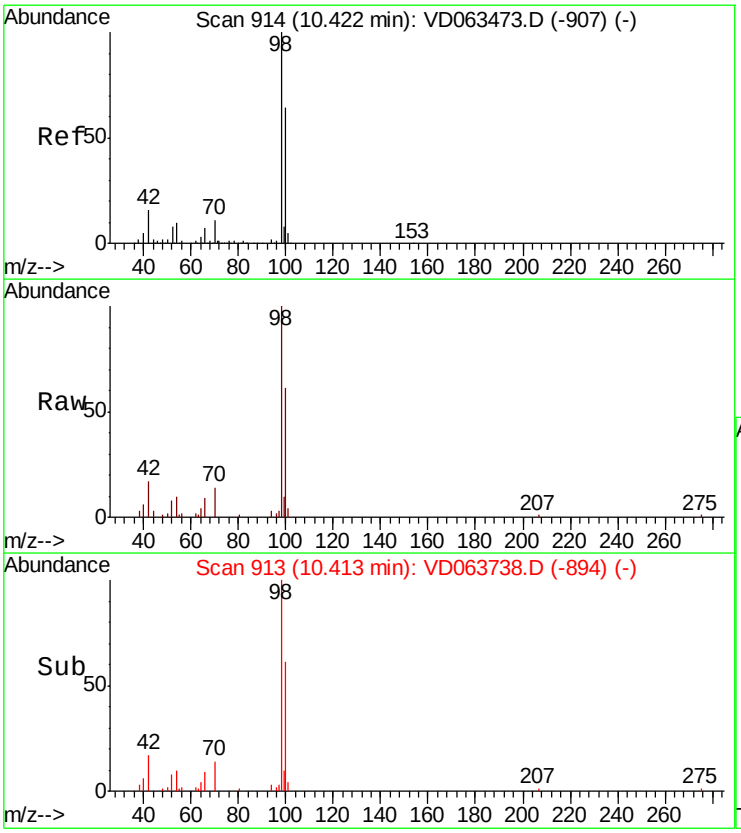
#48
Methyl methacrylate
Concen: 1.167 ug/l
RT: 9.06 min Scan# 776
Delta R.T. -0.07 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument : MSVOA_D
ClientSampleId : T1-K1-(2.5)

Tgt Ion: 41 Resp: 207

Ion	Ratio	Lower	Upper
41	100		
69	0.0	47.6	71.4#
39	0.0	55.7	83.5#

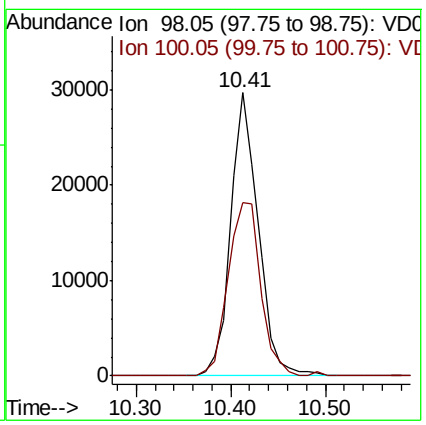


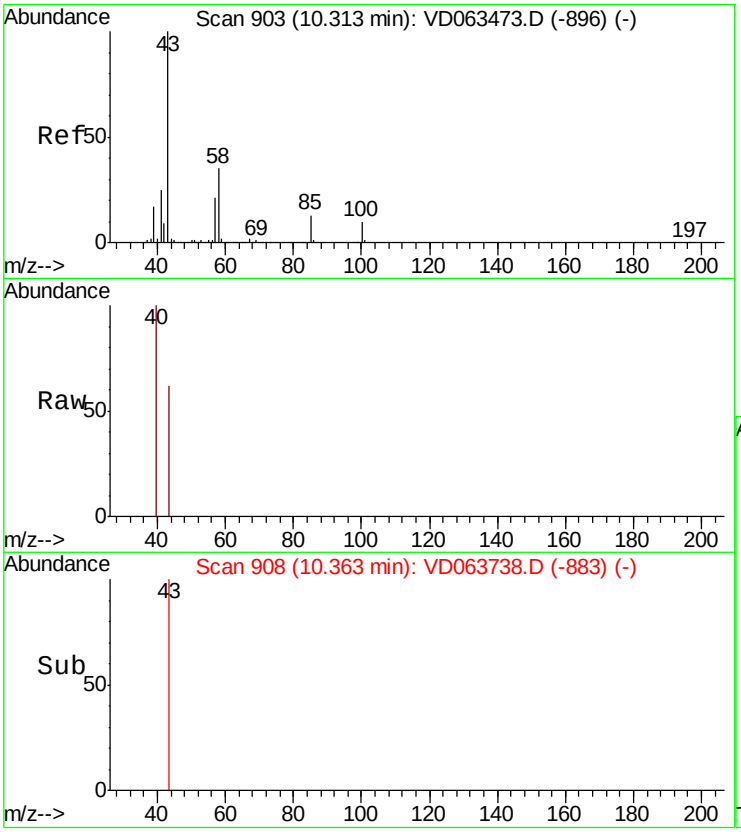


#50
Toluene-d8
Concen: 61.146 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion: 98 Resp: 59689

Ion	Ratio	Lower	Upper
98	100		
100	61.2	51.7	77.5



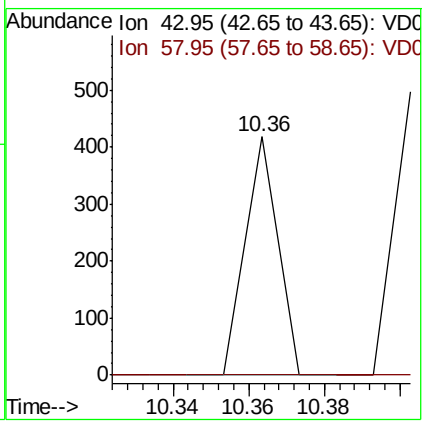


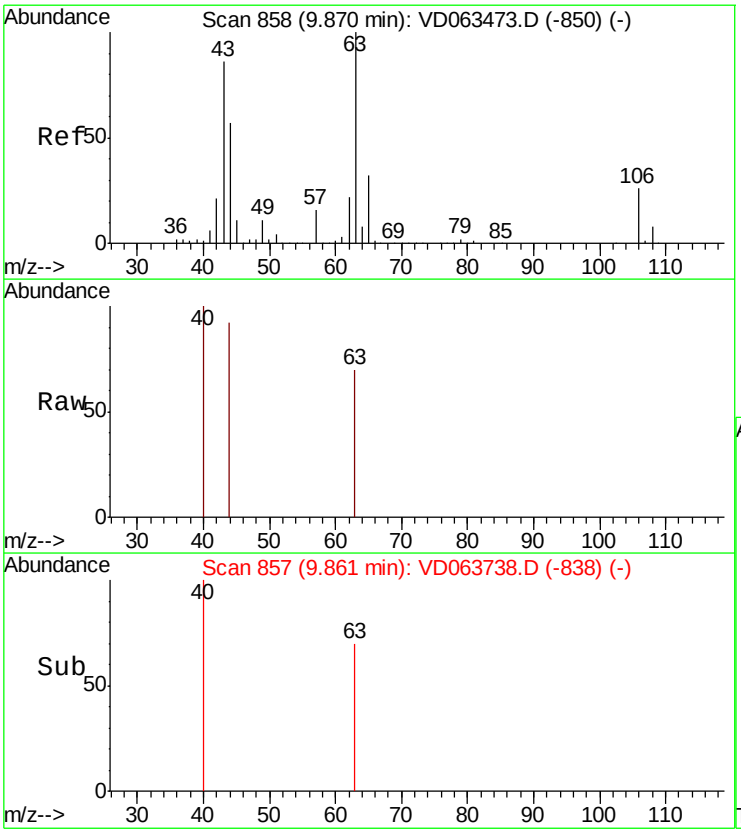
#51
4-Methyl-2-Pentanone
Concen: 1.380 ug/l
RT: 10.36 min Scan# 908
Delta R.T. 0.05 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument :
MSVOA_D
ClientSampleId :
T1-K1-(2.5)

Tgt Ion: 43 Resp: 247

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0#

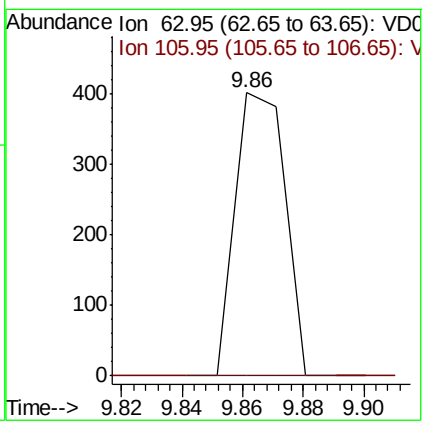


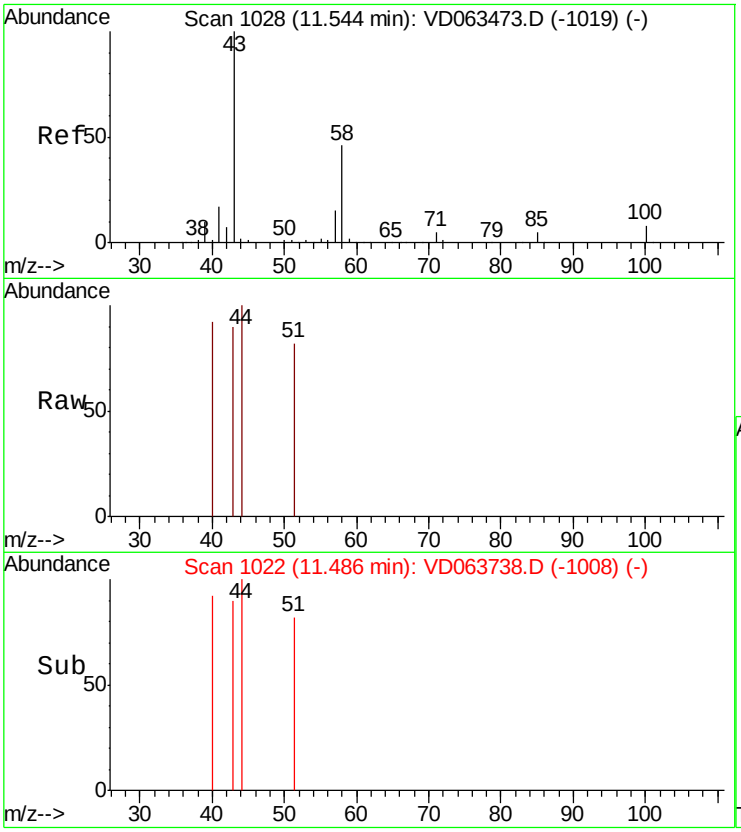


#58
2-Chloroethyl Vinyl ether
Concen: 3.629 ug/l
RT: 9.86 min Scan# 857
Delta R.T. -0.01 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion: 63 Resp: 464

Ion	Ratio	Lower	Upper
63	100		
106	0.0	20.8	31.2#



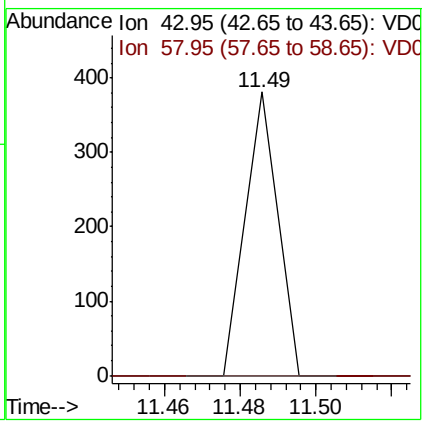


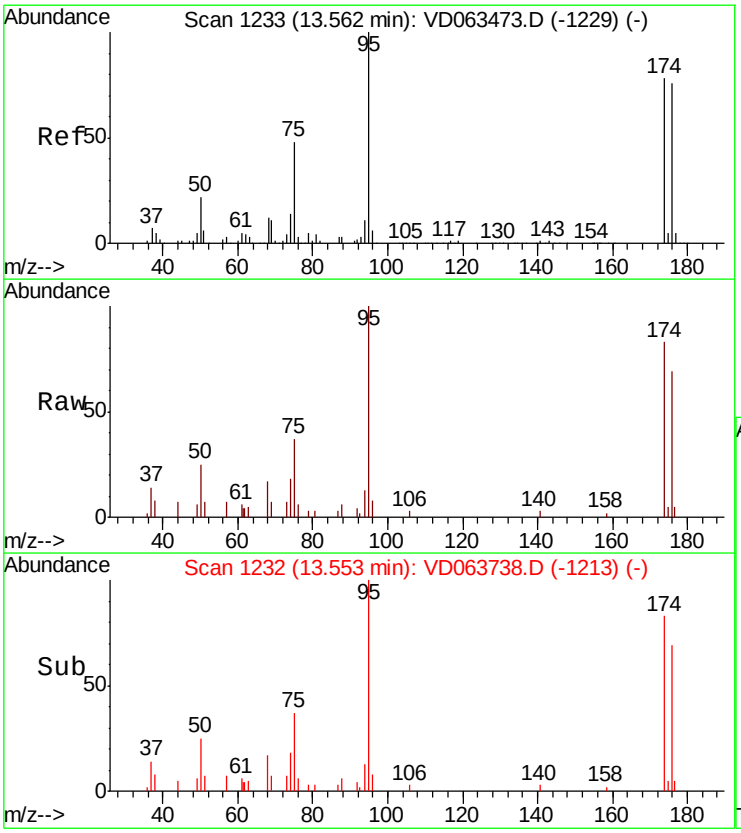
#59
2-Hexanone
Concen: 1.728 ug/l
RT: 11.49 min Scan# 1022
Delta R.T. -0.06 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument : MSVOA_D
ClientSampleId : T1-K1-(2.5)

Tgt Ion: 43 Resp: 225

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	69.2#

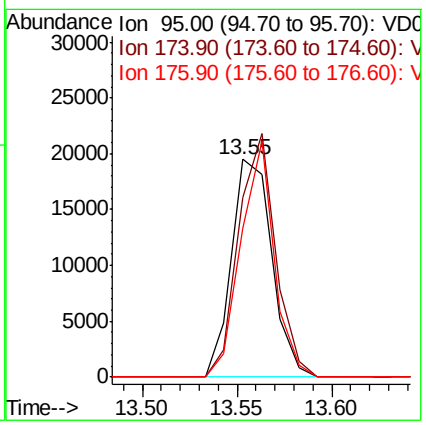


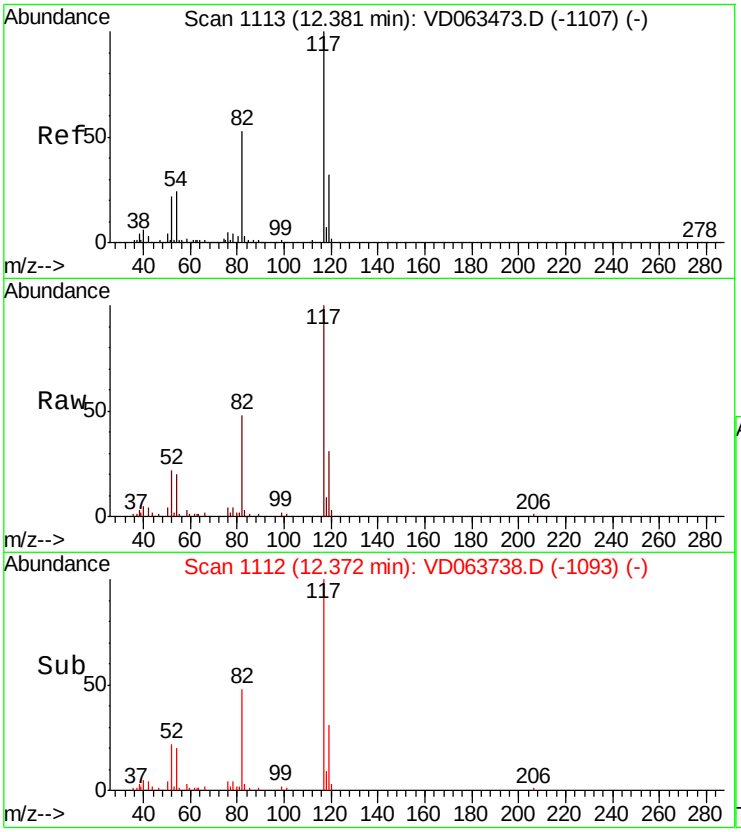


#62
4-Bromofluorobenzene
Concen: 64.699 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion: 95 Resp: 28626

Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	155.4
176	73.3	0.0	152.4



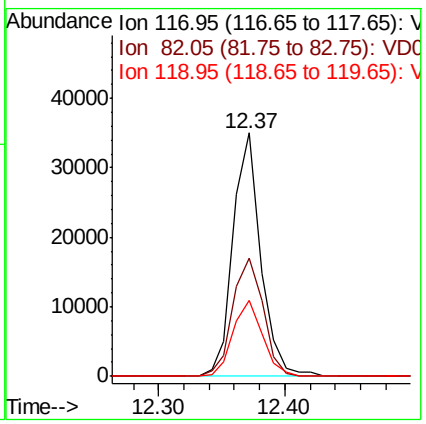


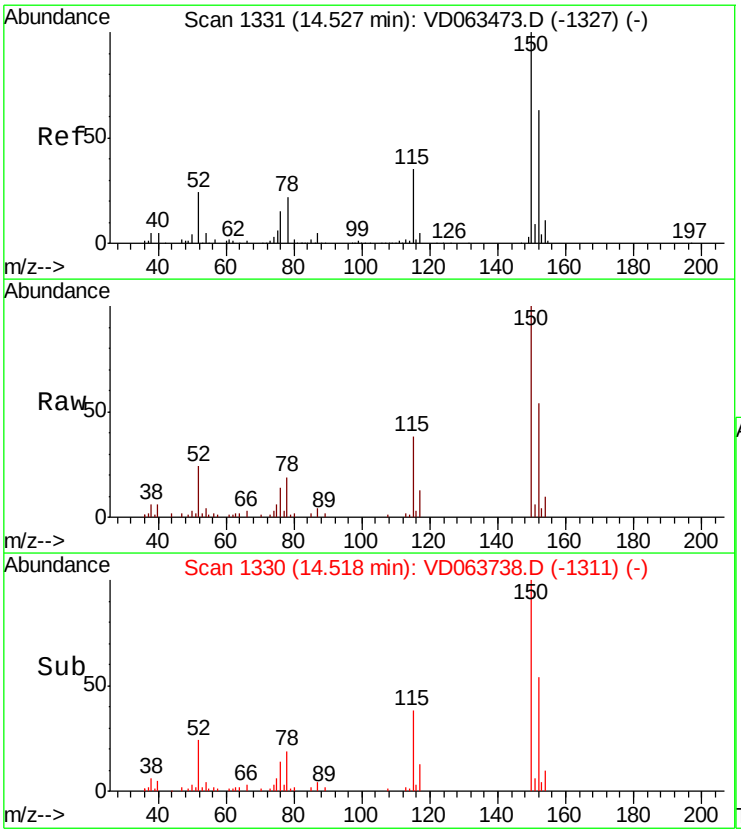
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument : MSVOA_D
ClientSampleId : T1-K1-(2.5)

Tgt Ion:117 Resp: 52764

Ion	Ratio	Lower	Upper
117	100		
82	48.3	42.0	63.0
119	31.1	25.4	38.0

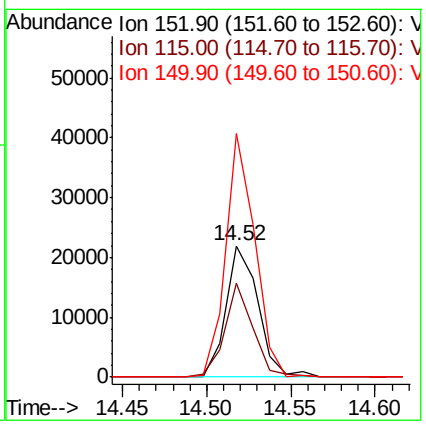


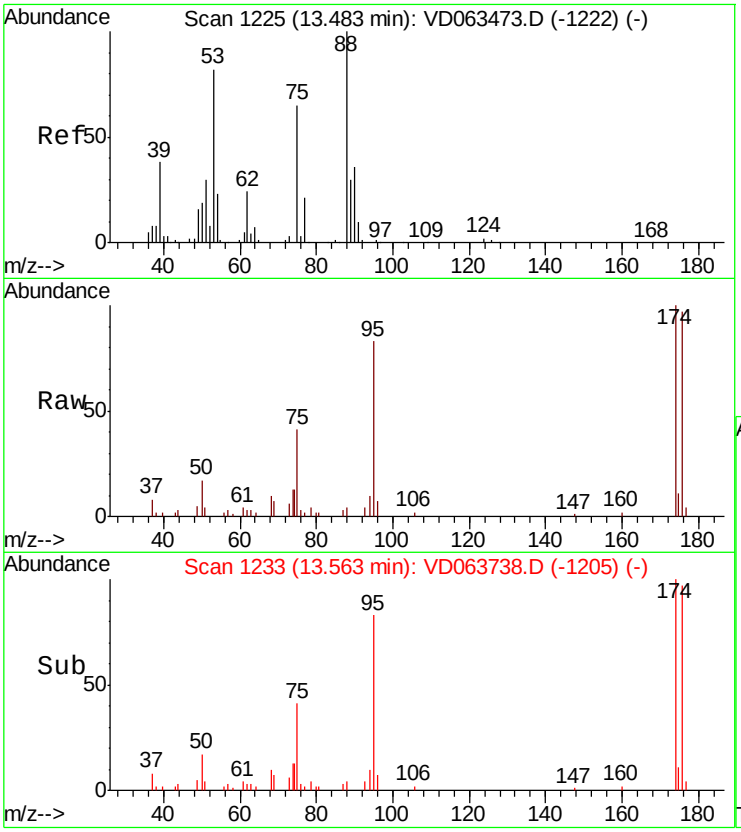


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion:152 Resp: 28856

Ion	Ratio	Lower	Upper
152	100		
115	71.2	30.9	92.7
150	185.4	0.0	318.6



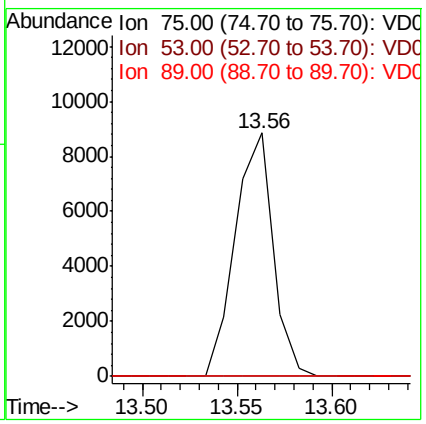


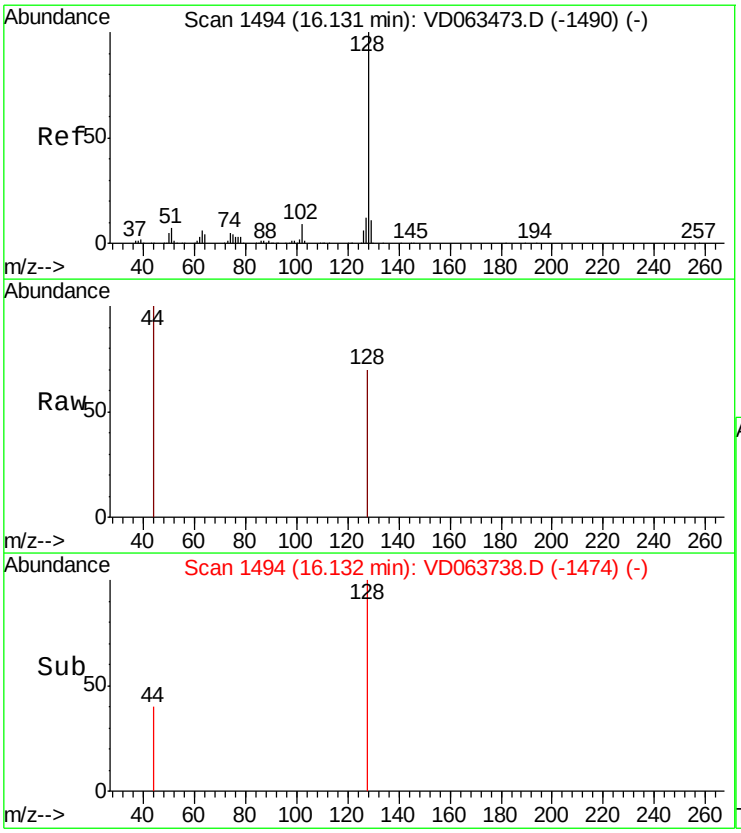
#81
trans-1,4-Dichloro-2-butene
Concen: 137.681 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.08 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Instrument :
MSVOA_D
ClientSampleId :
T1-K1-(2.5)

Tgt Ion: 75 Resp: 12255

Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.0	151.4#
89	0.0	37.0	55.6#





#95
Naphthalene
Concen: 1.292 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VD063738.D
Acq: 22 Aug 2019 17:23

Tgt Ion:128 Resp: 1109

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.4	14.0#
129	0.0	8.5	12.7#