Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082119\
Data File : VD063714.D
Acq On : 21 Aug 2019 15:47
Operator : JC/SY
Sample : K4386-16
Misc : 5.95g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : T6-A1-(2)

Quant Time: Aug 22 01:27:13 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	7.04	168	48308	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	82830	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	70012	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	31295	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	57392	111.14	ug/l	-0.02
Spiked Amount 50.000			Recovery = 222.28%			
35) Dibromofluoromethane	6.93	113	47798	68.52	ug/l	-0.01
Spiked Amount 50.000			Recovery = 137.04%			
50) Toluene-d8	10.41	98	66174	43.15	ug/l	-0.01
Spiked Amount 50.000			Recovery = 86.30%			
62) 4-Bromofluorobenzene	13.55	95	31537	45.37	ug/l	-0.01
Spiked Amount 50.000			Recovery = 90.74%			
Target Compounds						Qvalue
3) Chloromethane	1.73	50	489	1.071	ug/l #	41
5) Bromomethane	2.18	94	4812	22.497	ug/l #	11
8) Diethyl Ether	2.87	74	223	1.776	ug/l	57
11) Tert butyl alcohol	4.11	59	185	8.230	ug/l #	71
13) Acrolein	2.95	56	199	8.994	ug/l #	1
16) Acetone	3.23	43	25229	240.347	ug/l #	89
18) Methyl Acetate	3.64	43	215	1.081	ug/l #	57
20) Methylene Chloride	3.82	84	3907	8.608	ug/l #	75
25) 2-Butanone	6.09	43	405	3.907	ug/l #	58
29) Tetrahydrofuran	6.46	42	3052	63.178	ug/l #	50
36) 1,1-Dichloropropene	7.05	75	3070	4.193	ug/l #	67
38) Carbon Tetrachloride	7.06	117	4475	4.055	ug/l #	13
44) Trichloroethene	8.54	130	715	1.161	ug/l	51
51) 4-Methyl-2-Pentanone	10.39	43	542	1.927	ug/l #	40
59) 2-Hexanone	11.56	43	251	1.227	ug/l #	30
81) trans-1,4-Dichloro-2-buten	13.55	75	12736	131.933	ug/l #	1
95) Naphthalene	16.12	128	1348	1.448	ug/l #	71

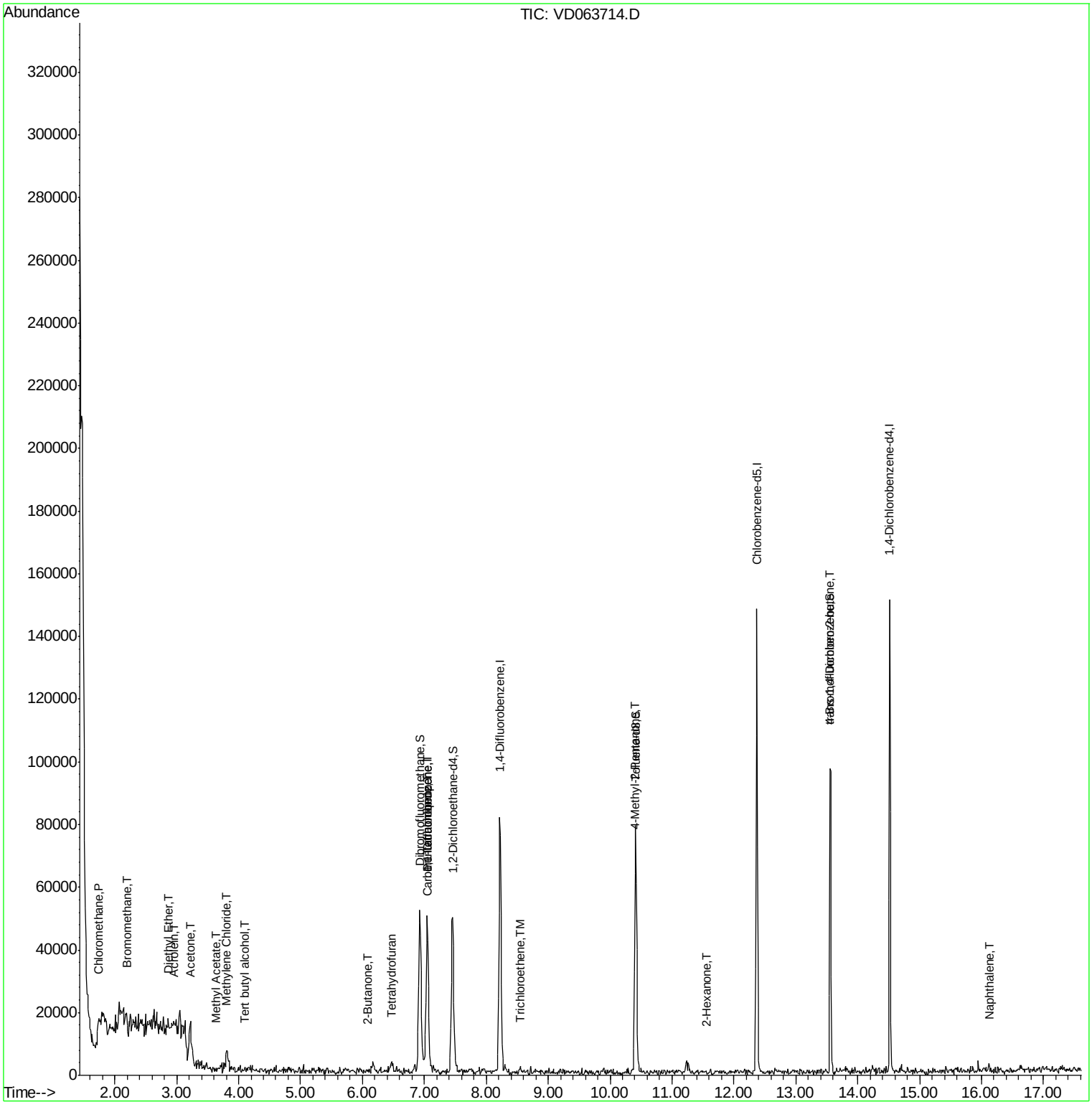
(#) = qualifier out of range (m) = manual integration (+) = signals summed

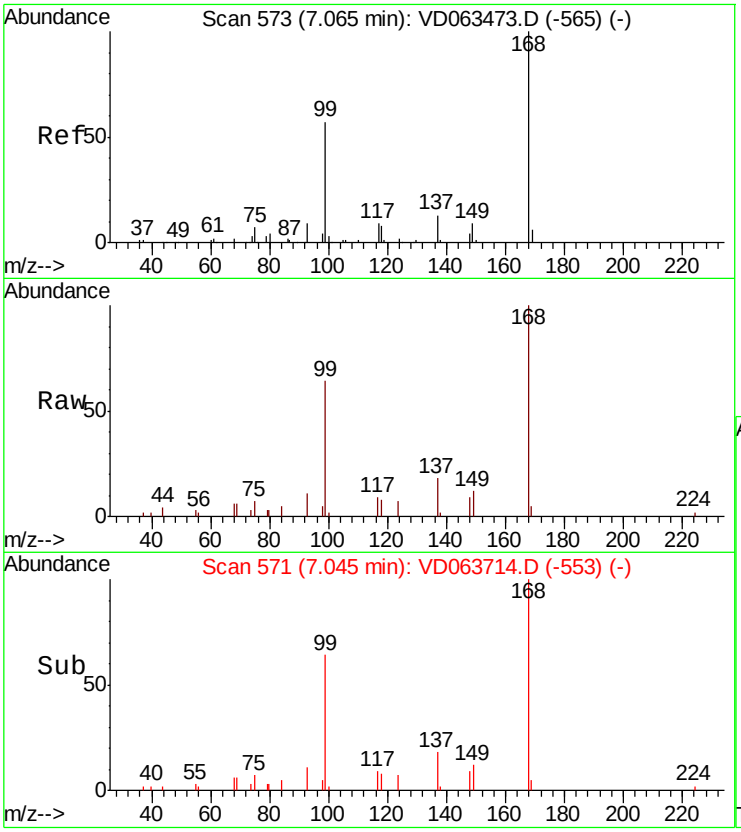
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082119\
Data File : VD063714.D
Acq On : 21 Aug 2019 15:47
Operator : JC/SY
Sample : K4386-16
Misc : 5.95g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)

Quant Time: Aug 22 01:27:13 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



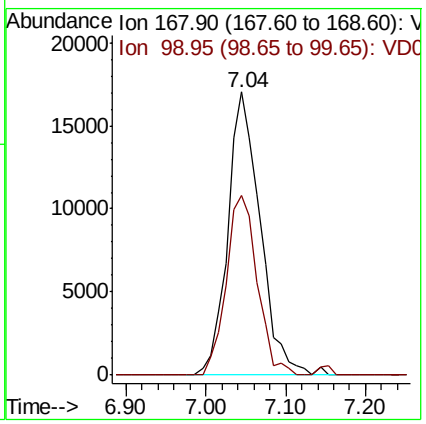


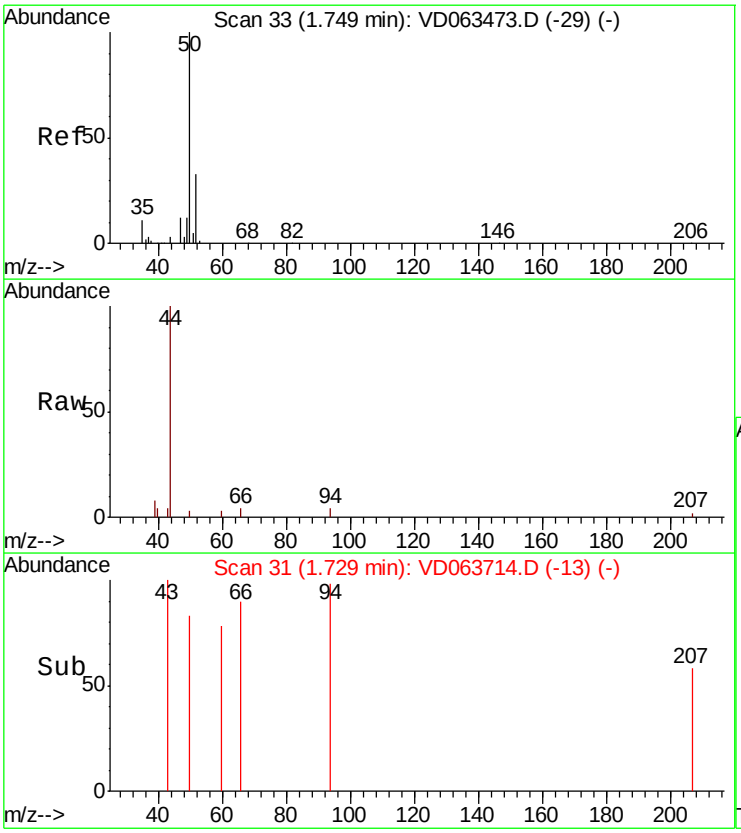
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.02 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)

Tgt Ion:168 Resp: 48308

Ion	Ratio	Lower	Upper
168	100		
99	63.7	46.7	70.1

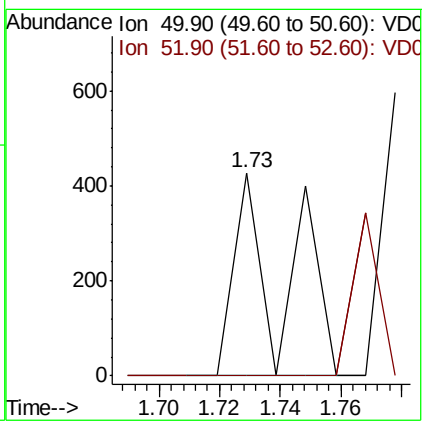


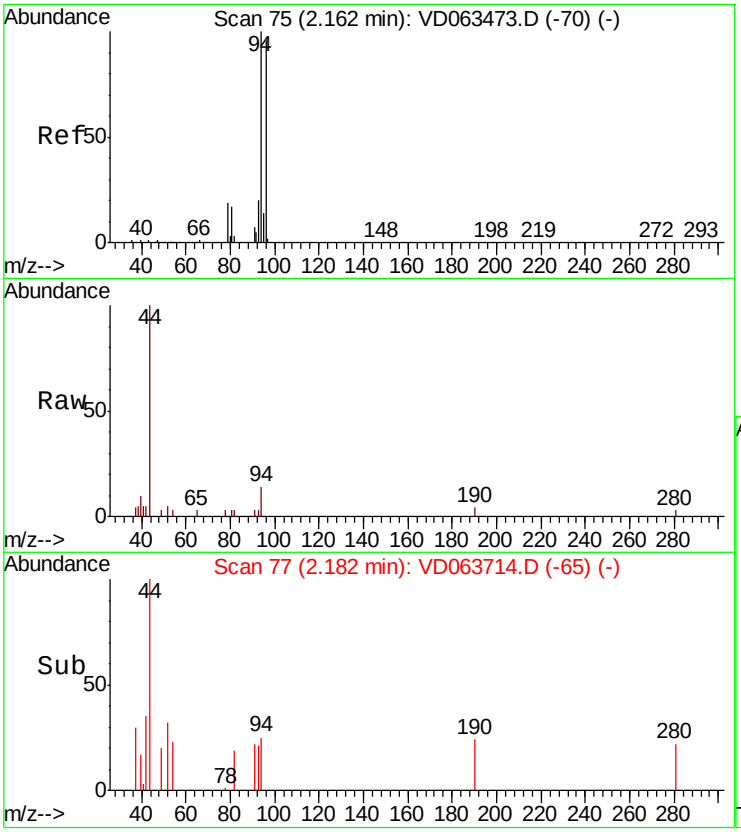


#3
Chloromethane
Concen: 1.071 ug/l
RT: 1.73 min Scan# 31
Delta R.T. -0.02 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Tgt Ion: 50 Resp: 489

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.6	40.0#



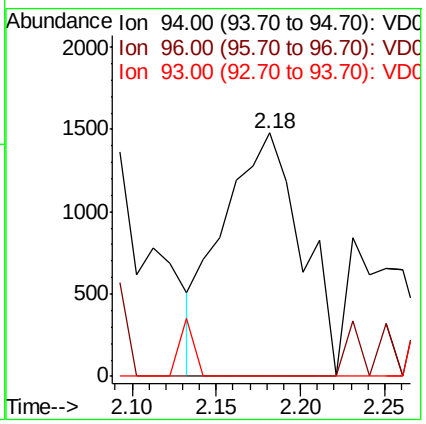


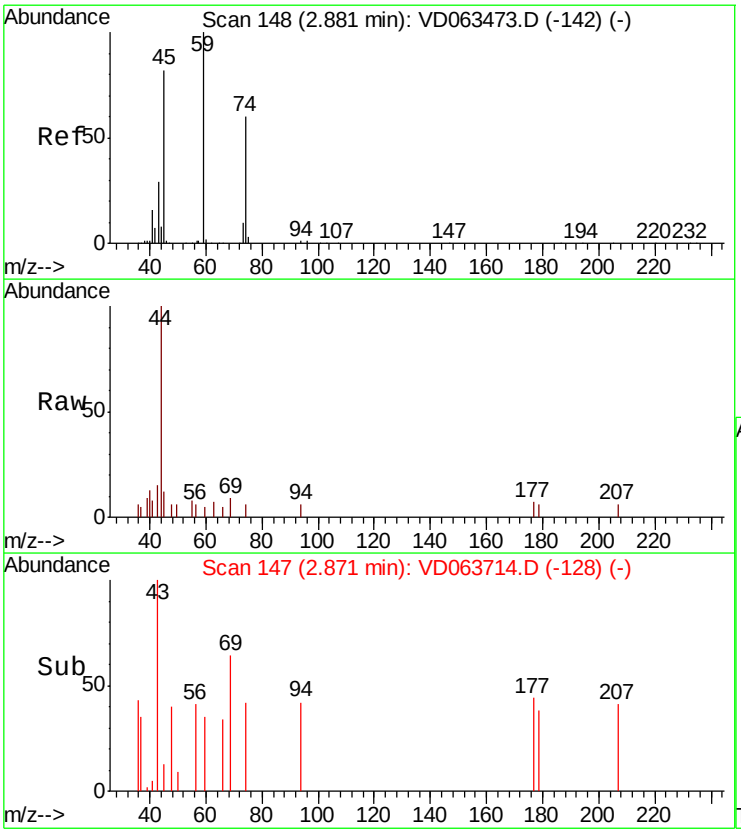
#5
Bromomethane
Concen: 22.497 ug/l
RT: 2.18 min Scan# 77
Delta R.T. 0.02 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)

Tgt Ion: 94 Resp: 4812

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

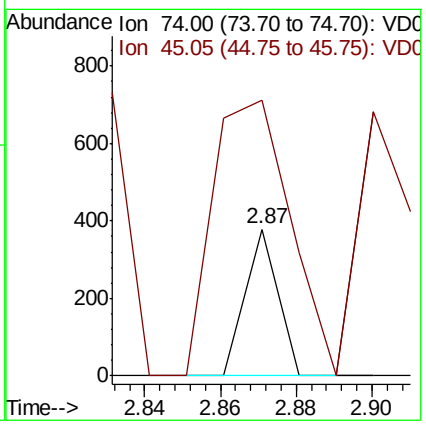


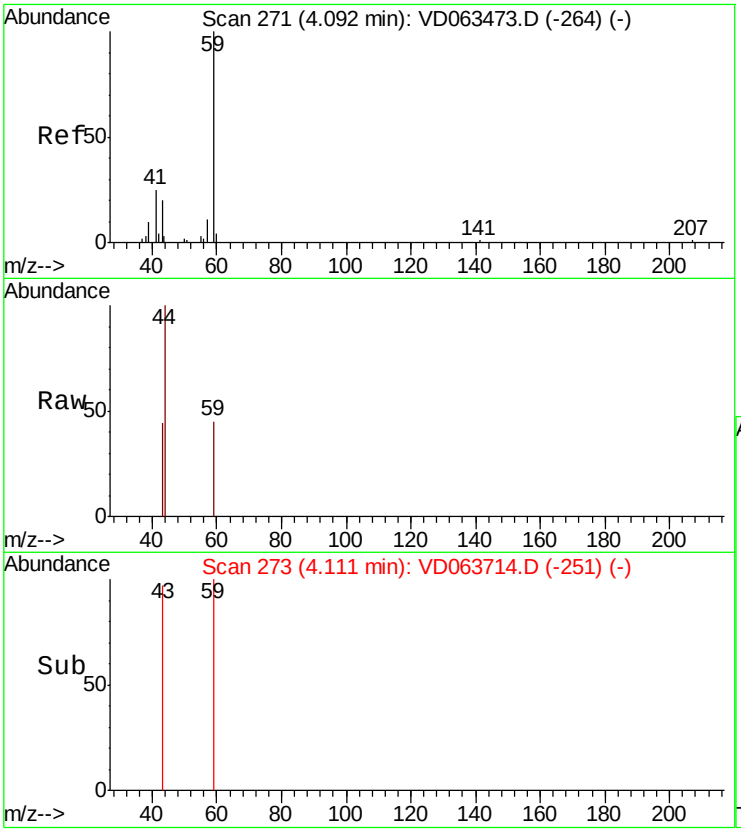


#8
Diethyl Ether
Concen: 1.776 ug/l
RT: 2.87 min Scan# 147
Delta R.T. -0.01 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Tgt Ion: 74 Resp: 223

Ion	Ratio	Lower	Upper
74	100		
45	188.6	68.5	205.5



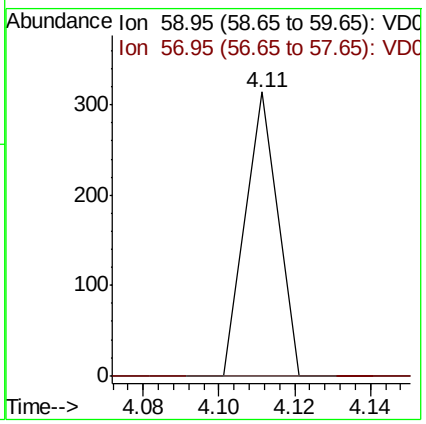


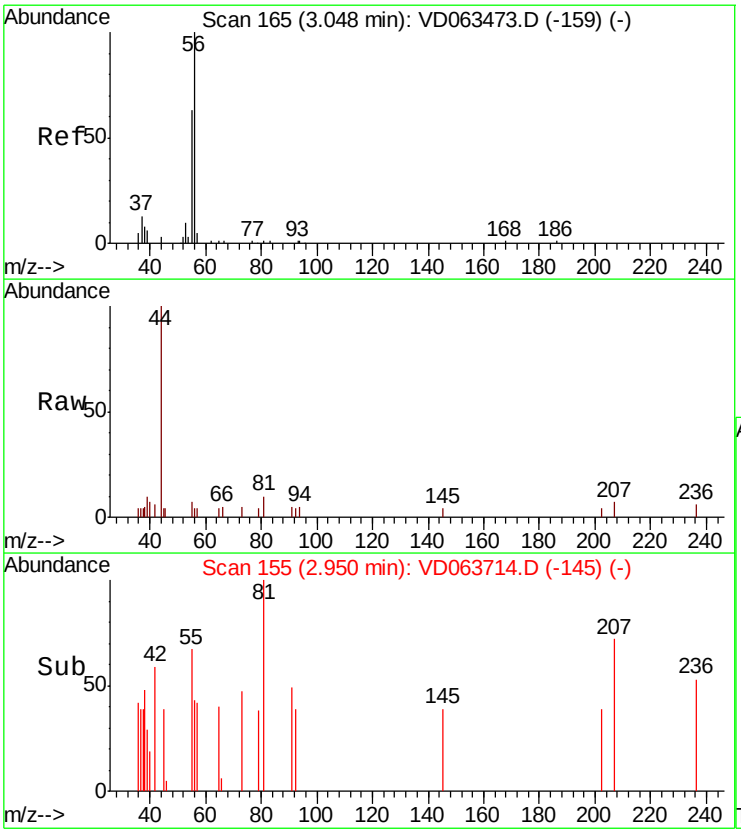
#11
Tert butyl alcohol
Concen: 8.230 ug/l
RT: 4.11 min Scan# 273
Delta R.T. 0.02 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)

Tgt Ion: 59 Resp: 185

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

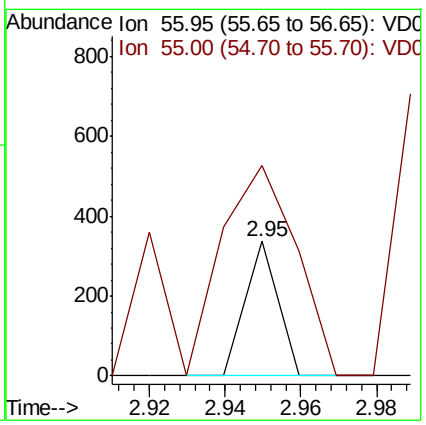


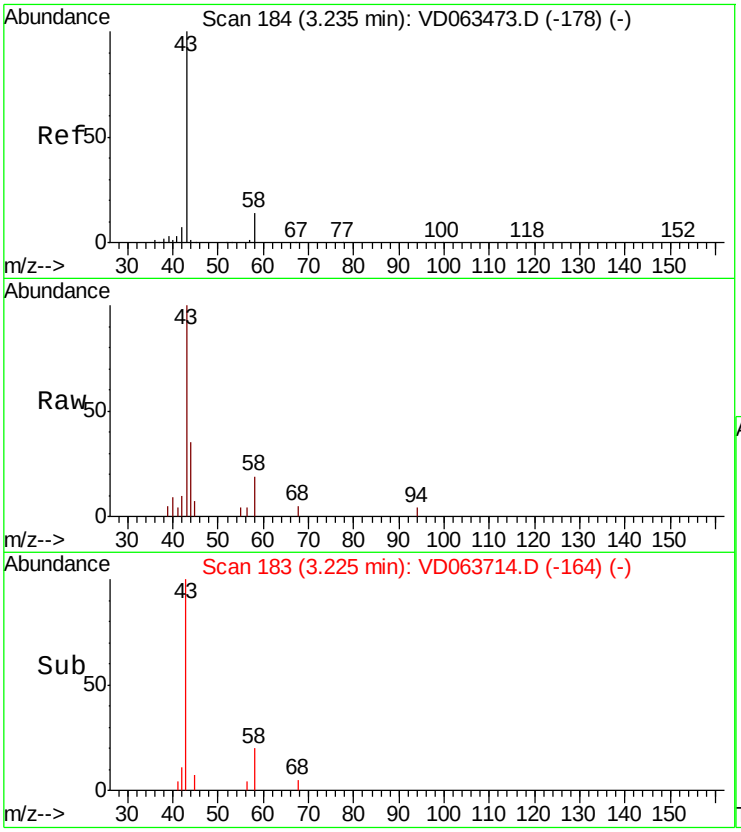


#13
Acrolein
Concen: 8.994 ug/l
RT: 2.95 min Scan# 155
Delta R.T. -0.10 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Tgt Ion: 56 Resp: 199

Ion	Ratio	Lower	Upper
56	100		
55	156.4	51.3	76.9#



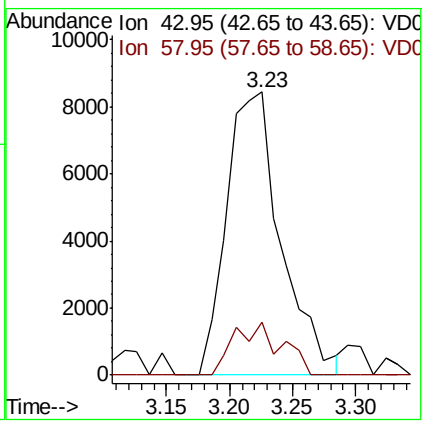


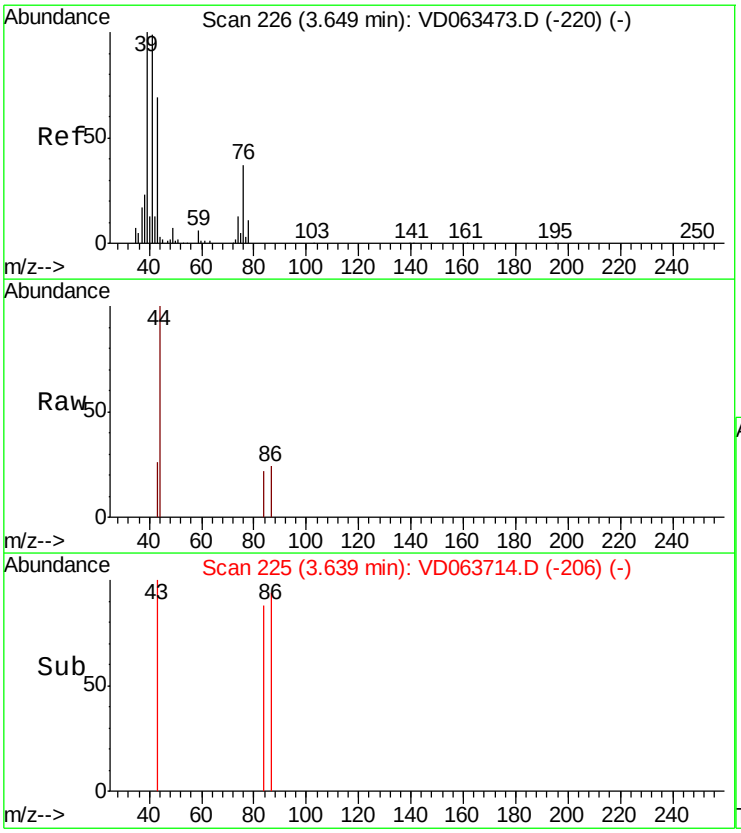
#16
Acetone
Concen: 240.347 ug/l
RT: 3.23 min Scan# 183
Delta R.T. -0.01 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)

Tgt Ion: 43 Resp: 25229

Ion	Ratio	Lower	Upper
43	100		
58	18.7	11.4	17.2#

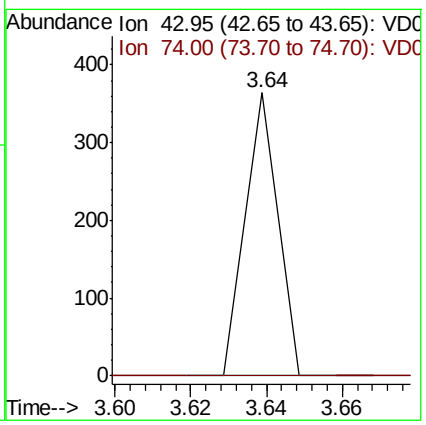


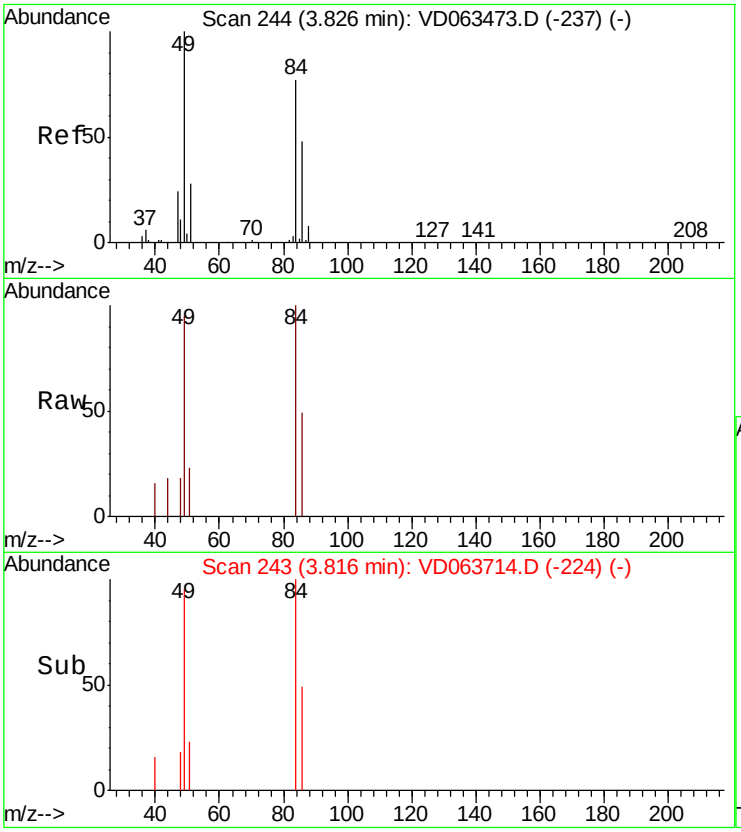


#18
Methyl Acetate
Concen: 1.081 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.01 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Tgt Ion: 43 Resp: 215

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.4	23.2#



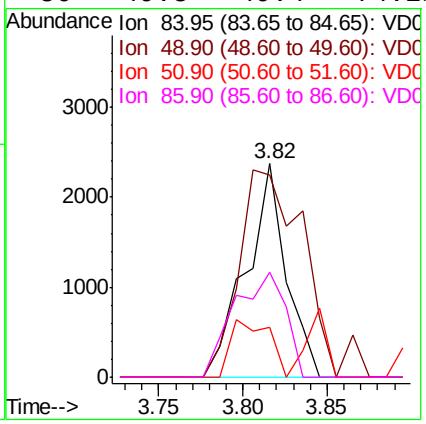


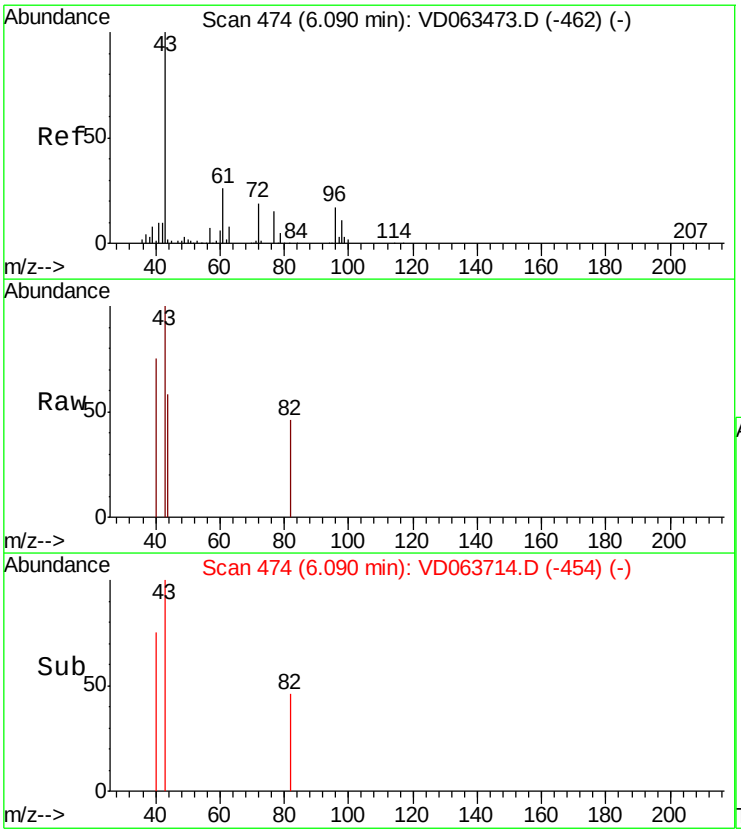
#20
Methylene Chloride
Concen: 8.608 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Instrument : MSVOA_D
ClientSampleId : T6-A1-(2)

Tgt Ion: 84 Resp: 3907

Ion	Ratio	Lower	Upper
84	100		
49	94.7	103.4	155.2#
51	23.2	28.5	42.7#
86	49.3	49.4	74.2#

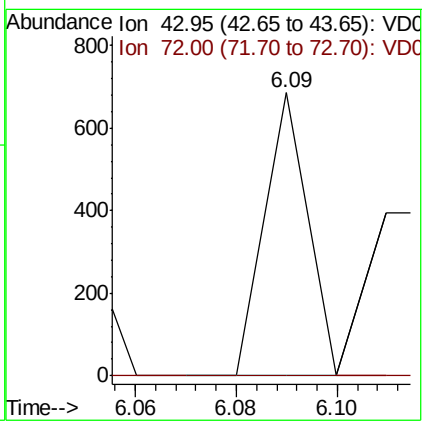


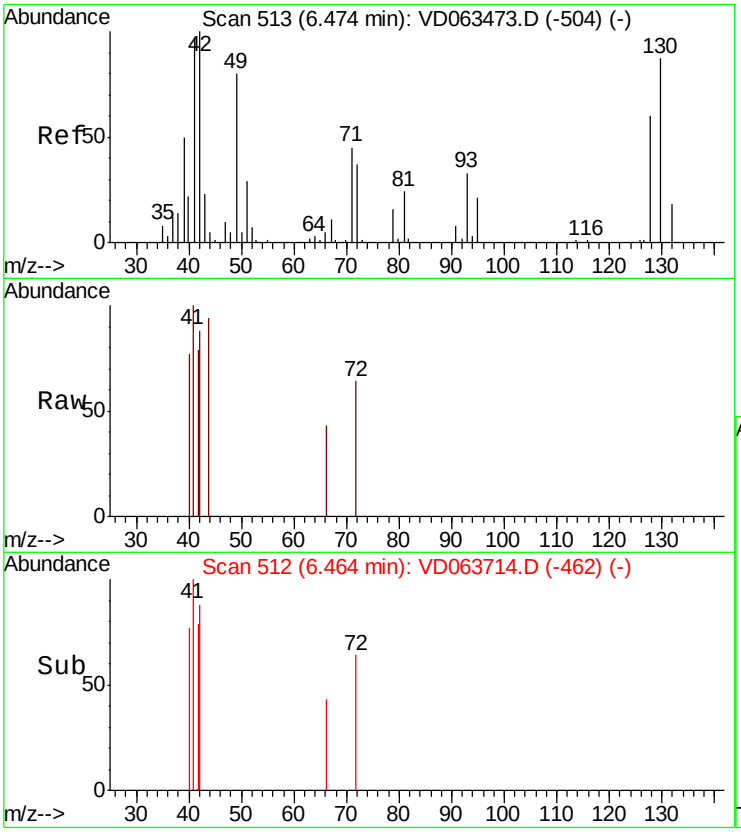


#25
2-Butanone
Concen: 3.907 ug/l
RT: 6.09 min Scan# 474
Delta R.T. -0.00 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Tgt Ion: 43 Resp: 405

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.1	22.7#



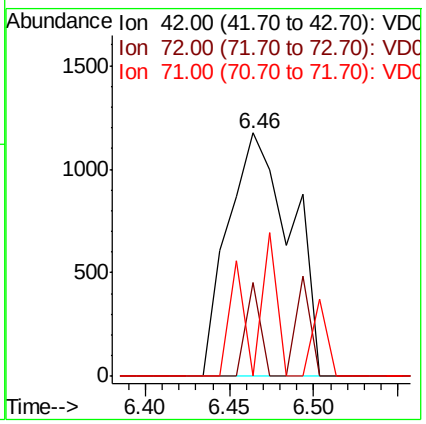


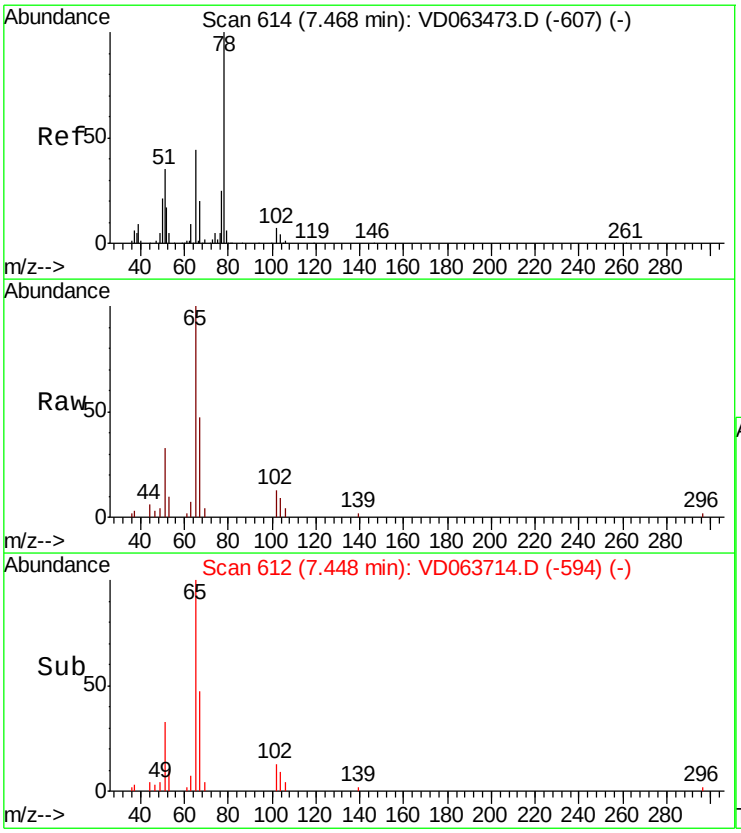
#29
Tetrahydrofuran
Concen: 63.178 ug/l
RT: 6.46 min Scan# 512
Delta R.T. -0.01 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)

Tgt Ion: 42 Resp: 3052

Ion	Ratio	Lower	Upper
42	100		
72	8.7	31.5	47.3#
71	10.8	33.8	50.8#

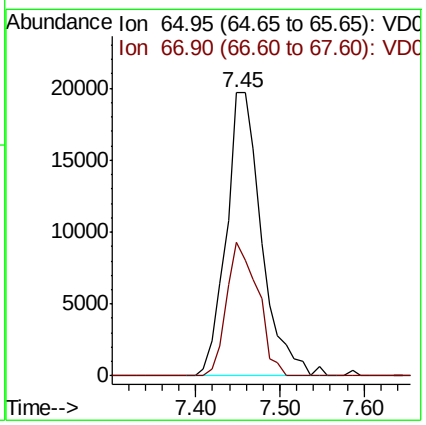


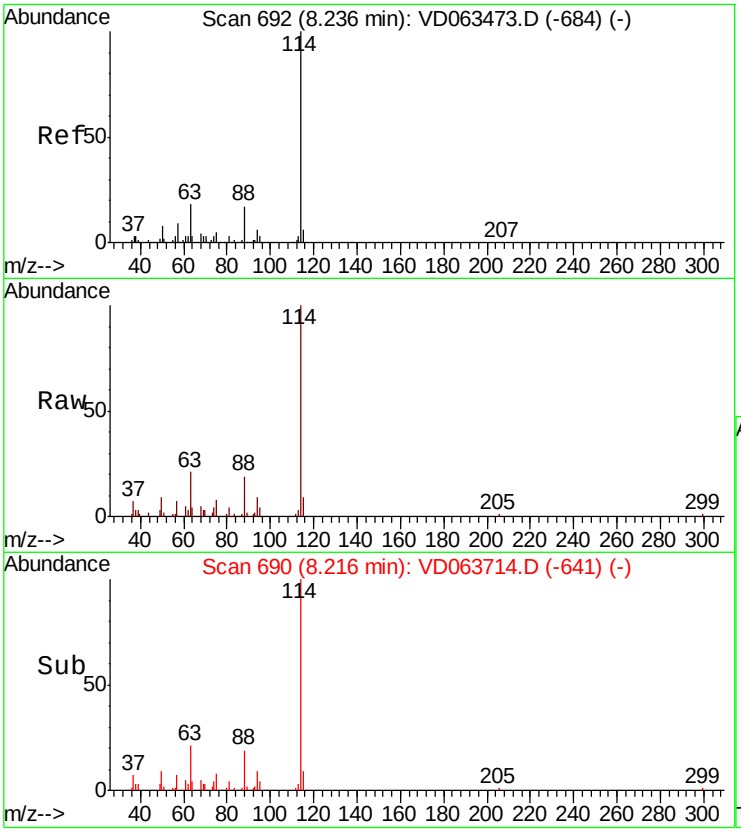


#33
1,2-Dichloroethane-d4
Concen: 111.144 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Tgt Ion: 65 Resp: 57392

Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	89.2



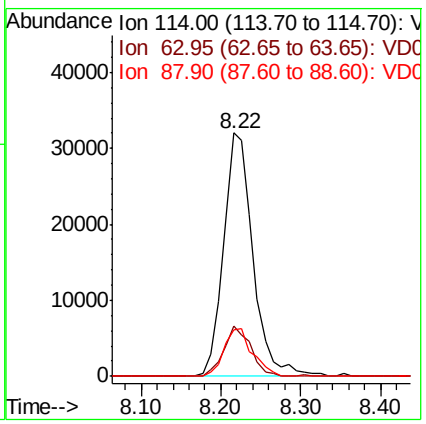


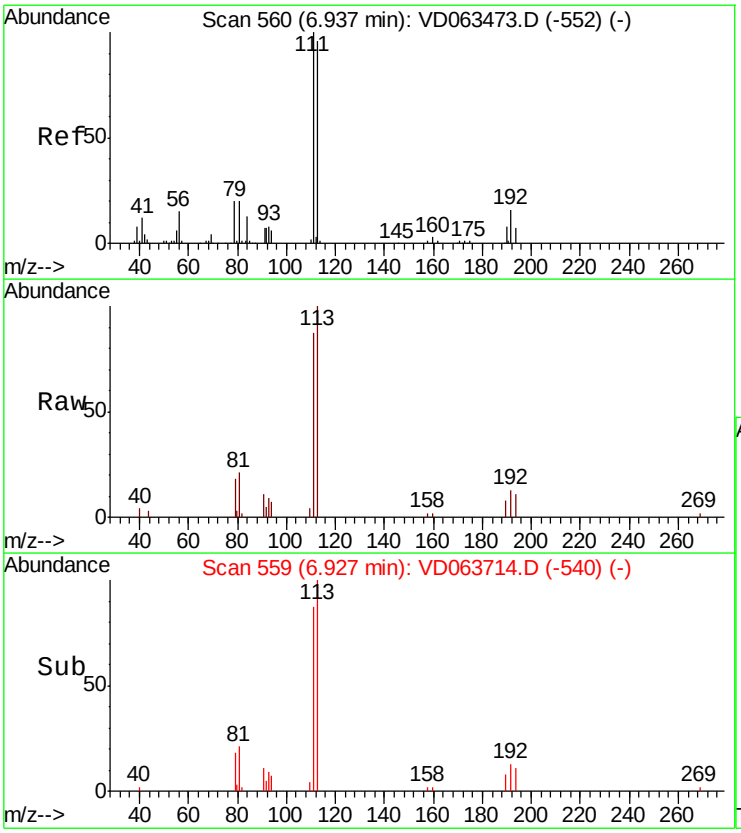
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.02 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Instrument : MSVOA_D
ClientSampleId : T6-A1-(2)

Tgt Ion:114 Resp: 82830

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	36.2
88	18.9	0.0	35.0

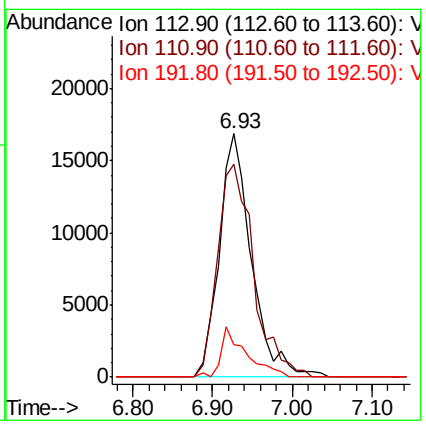


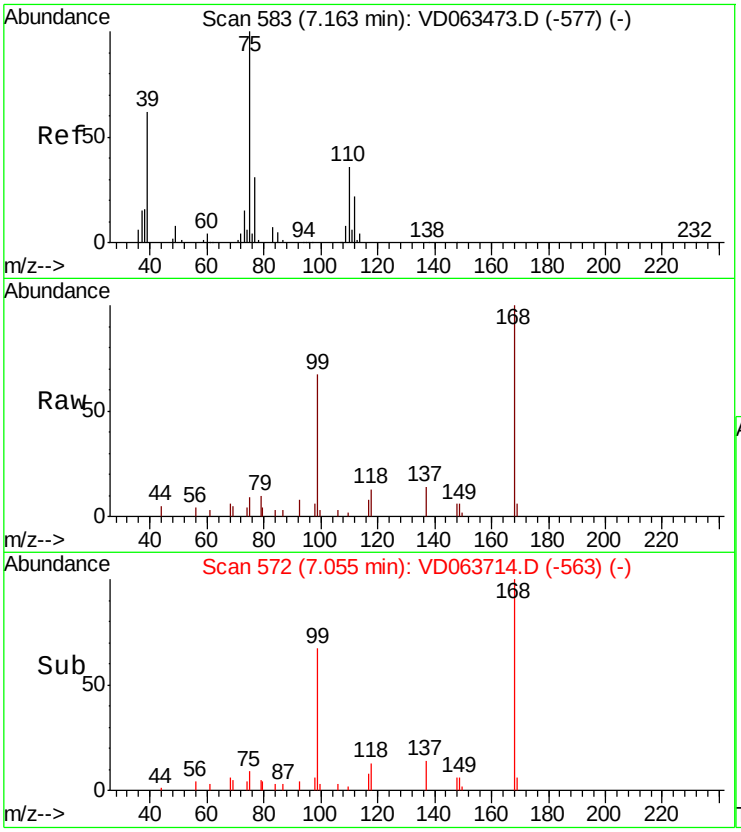


#35
Dibromofluoromethane
Concen: 68.518 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Tgt Ion:113 Resp: 47798

Ion	Ratio	Lower	Upper
113	100		
111	87.4	83.1	124.7
192	13.2	13.1	19.7



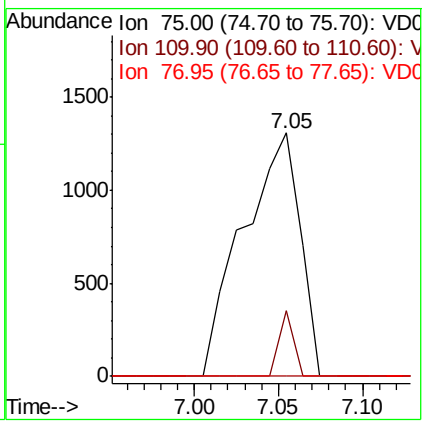


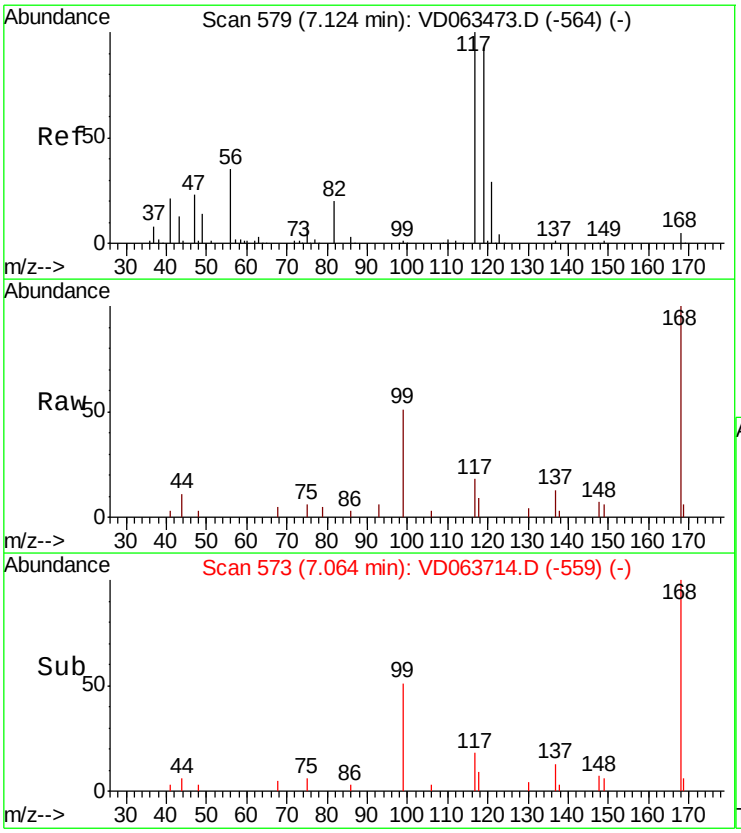
#36
1,1-Dichloropropene
Concen: 4.193 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.11 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)

Tgt Ion: 75 Resp: 3070

Ion	Ratio	Lower	Upper
75	100		
110	26.9	17.6	52.8
77	0.0	24.3	36.5#

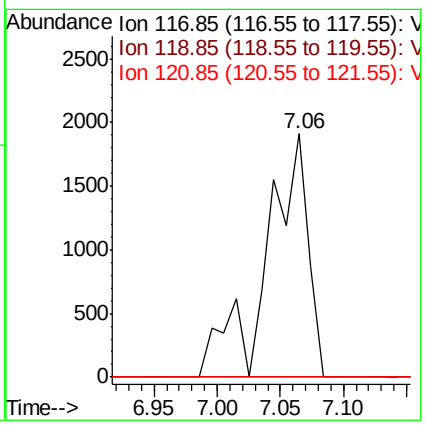


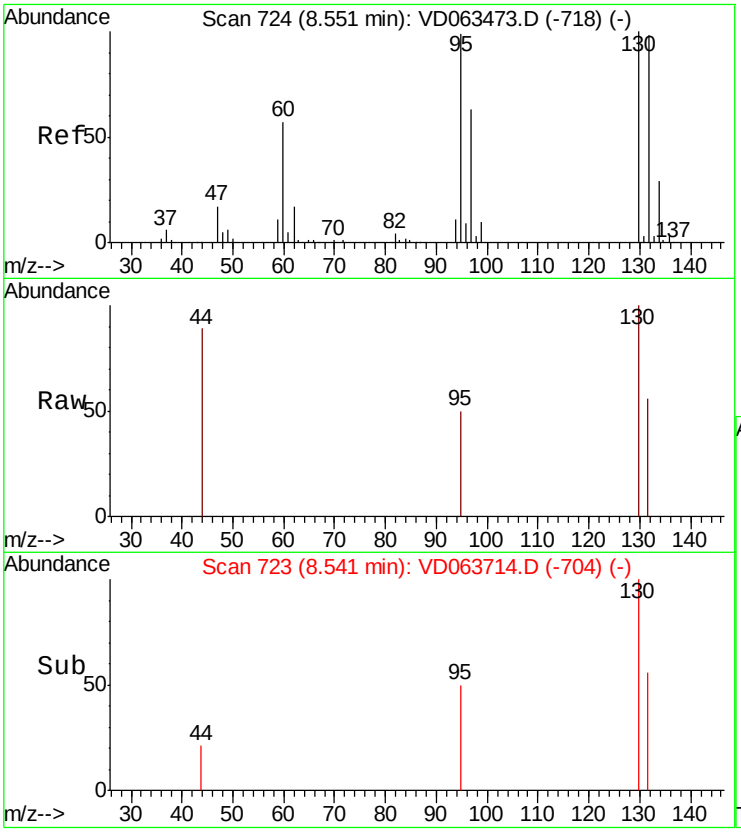


#38
Carbon Tetrachloride
Concen: 4.055 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.06 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Tgt Ion:117 Resp: 4475

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



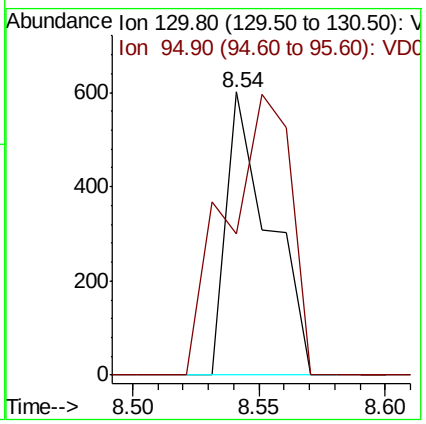


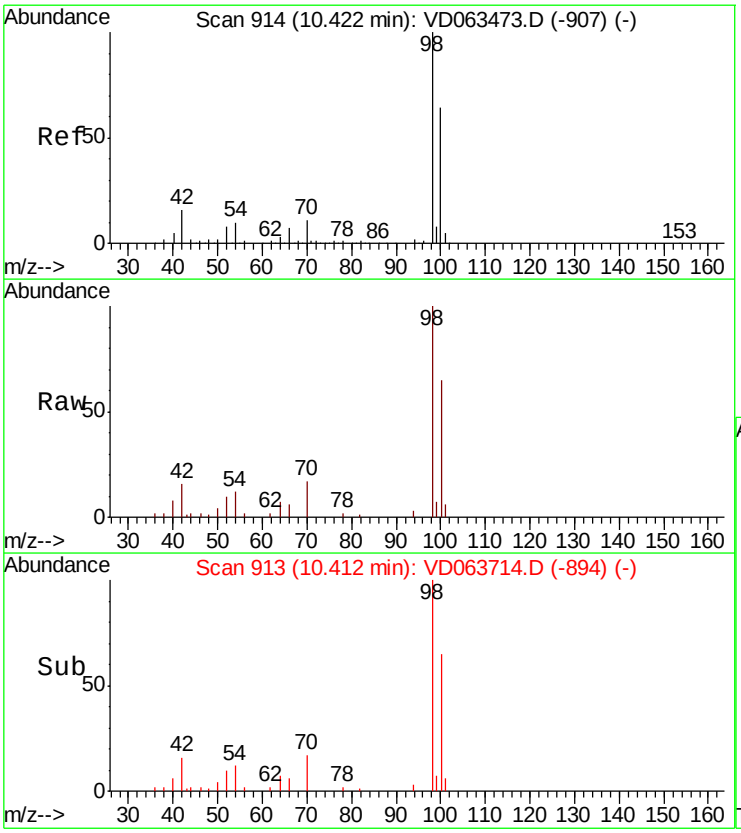
#44
Trichloroethene
Concen: 1.161 ug/l
RT: 8.54 min Scan# 723
Delta R.T. -0.01 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)

Tgt Ion:130 Resp: 715

Ion	Ratio	Lower	Upper
130	100		
95	49.9	0.0	198.0

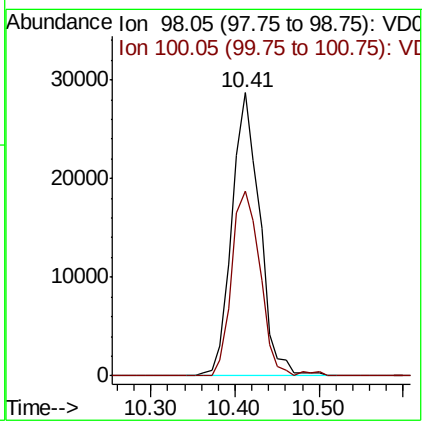


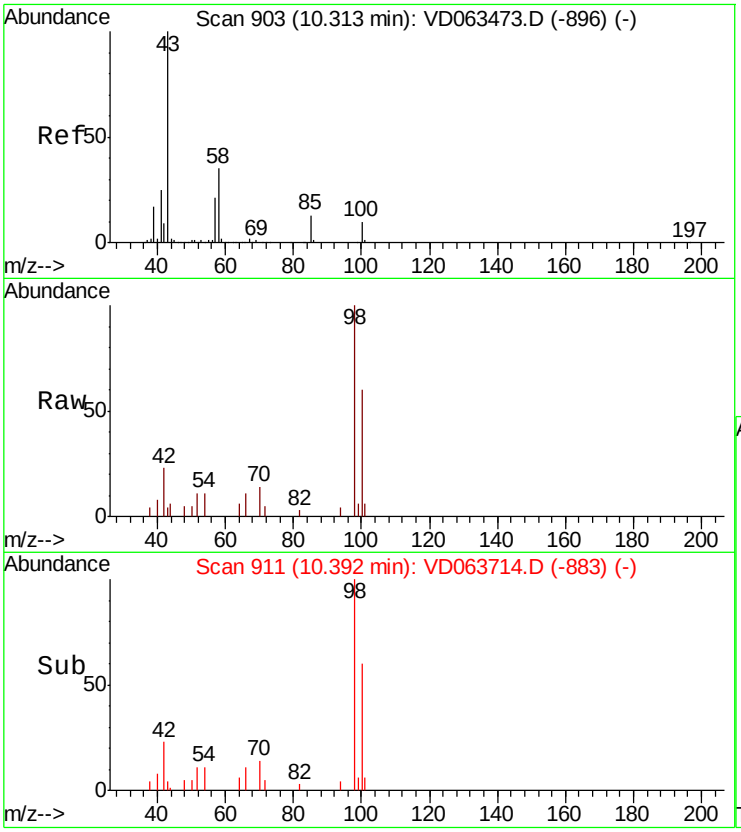


#50
Toluene-d8
Concen: 43.147 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Tgt Ion: 98 Resp: 66174

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5



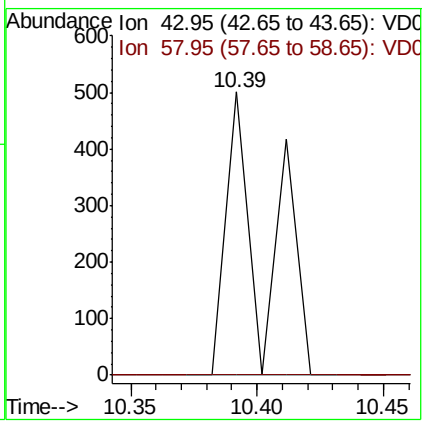


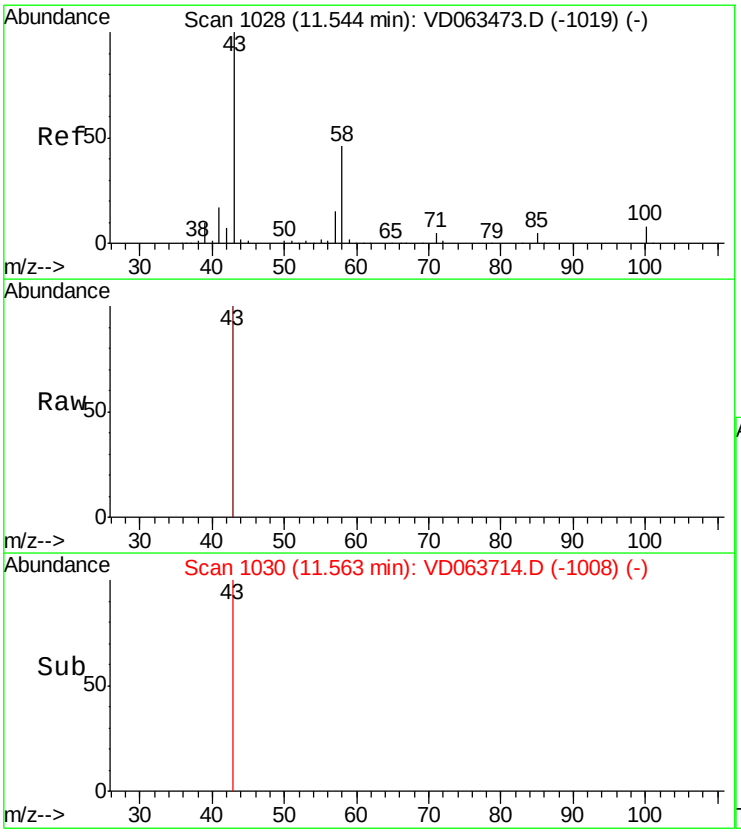
#51
4-Methyl-2-Pentanone
Concen: 1.927 ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.08 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)

Tgt Ion: 43 Resp: 542

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0#

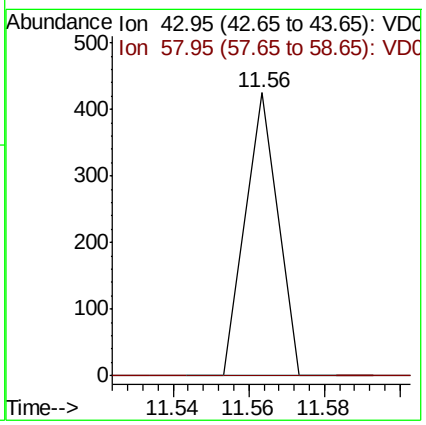


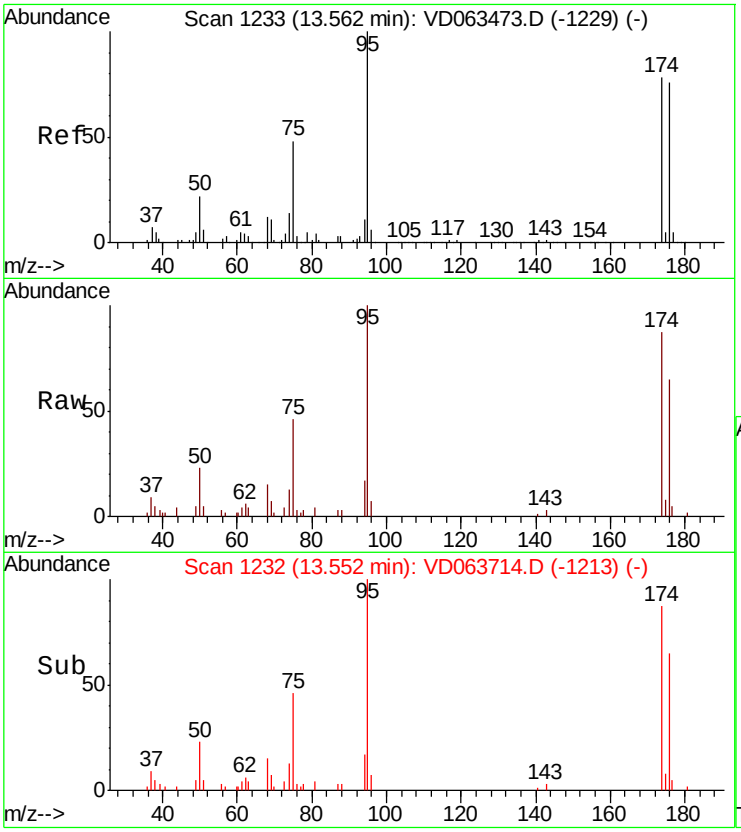


#59
2-Hexanone
Concen: 1.227 ug/l
RT: 11.56 min Scan# 1030
Delta R.T. 0.02 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Tgt Ion: 43 Resp: 251

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	69.2#



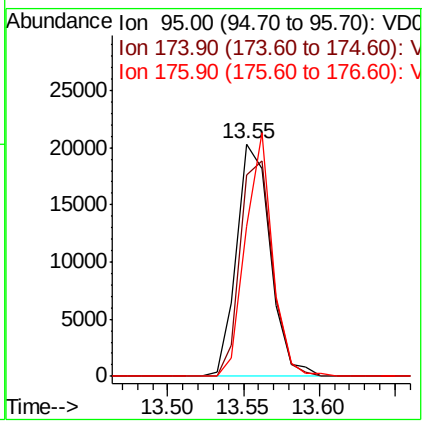


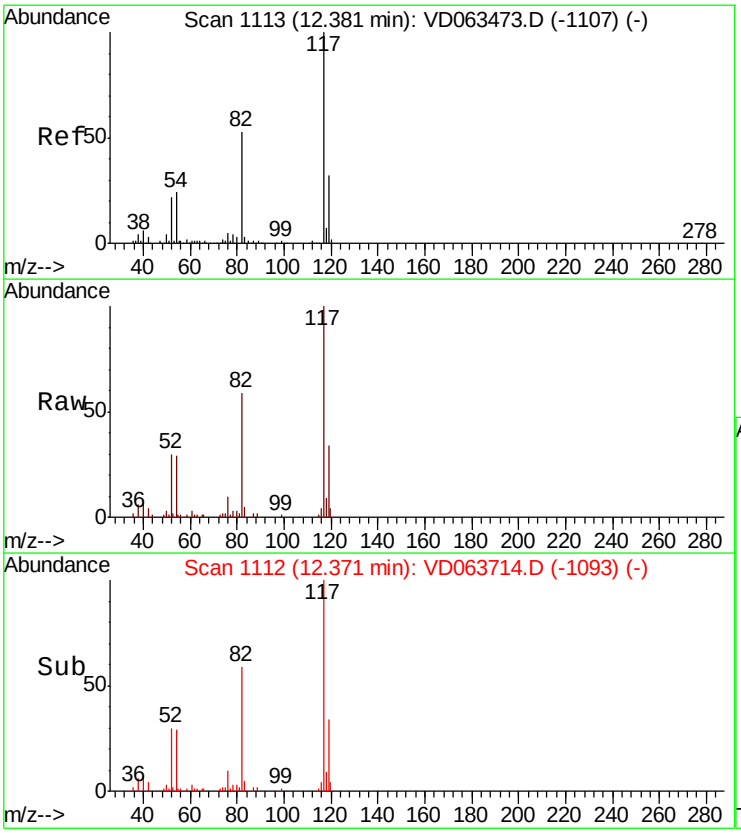
#62
4-Bromofluorobenzene
Concen: 45.368 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)

Tgt Ion: 95 Resp: 31537

Ion	Ratio	Lower	Upper
95	100		
174	86.8	0.0	155.4
176	64.5	0.0	152.4

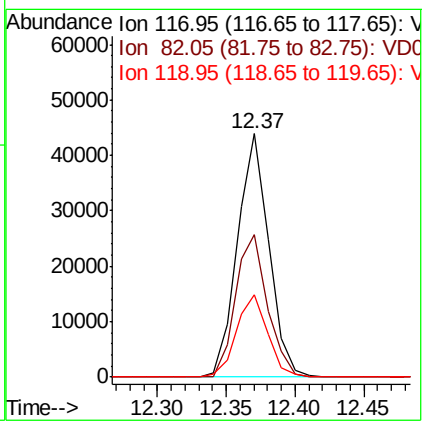


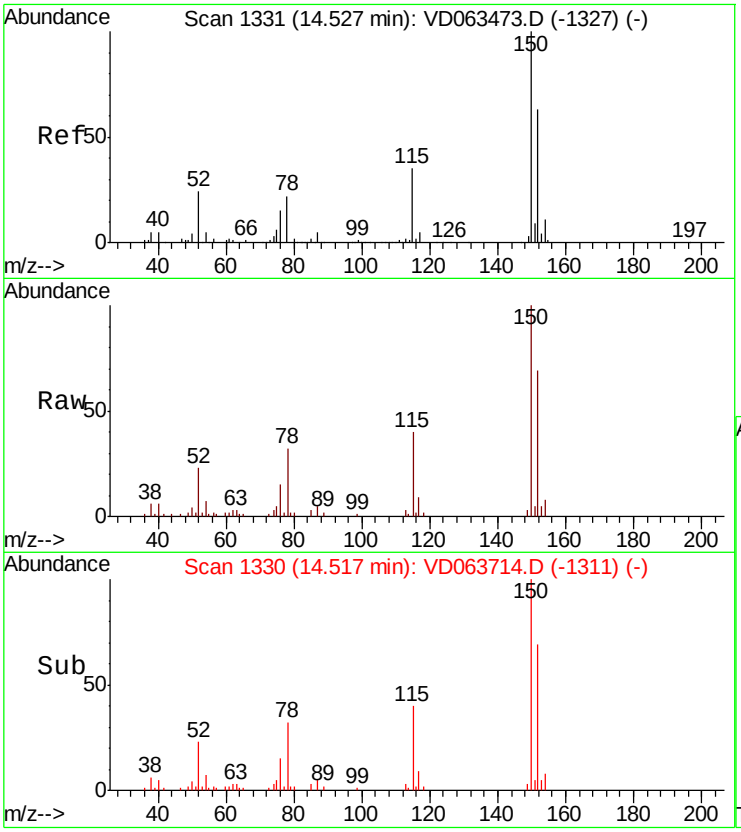


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Tgt Ion:117 Resp: 70012

Ion	Ratio	Lower	Upper
117	100		
82	58.7	42.0	63.0
119	33.7	25.4	38.0



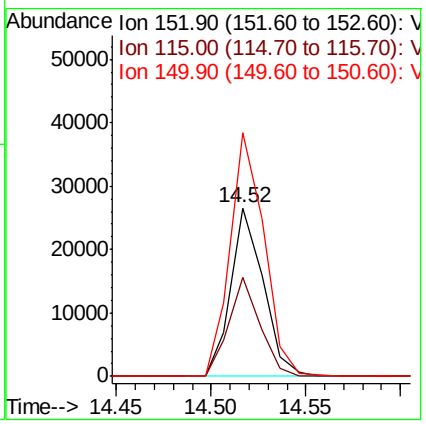


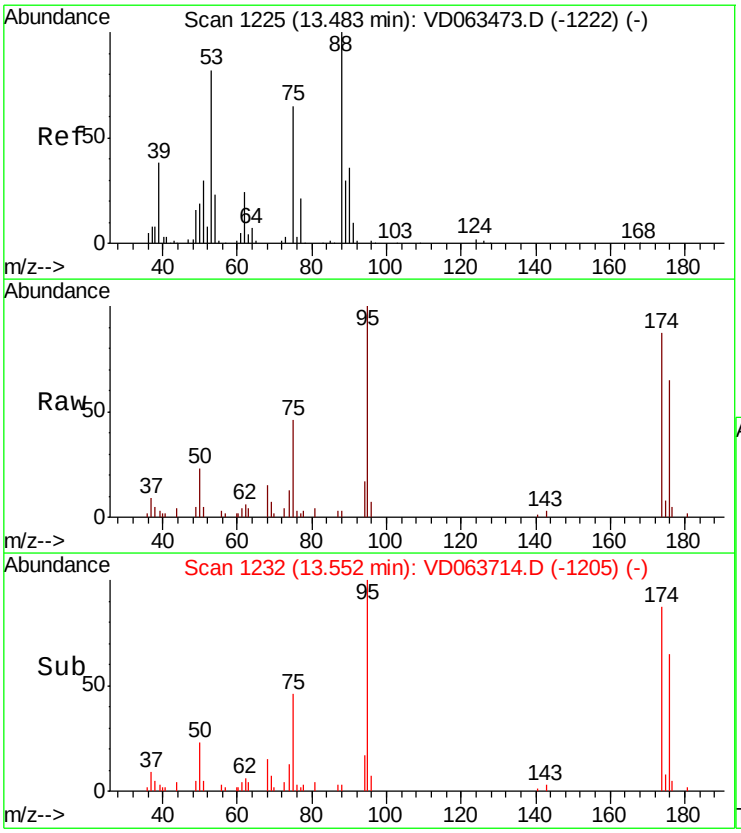
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)

Tgt Ion:152 Resp: 31295

Ion	Ratio	Lower	Upper
152	100		
115	58.5	30.9	92.7
150	144.8	0.0	318.6

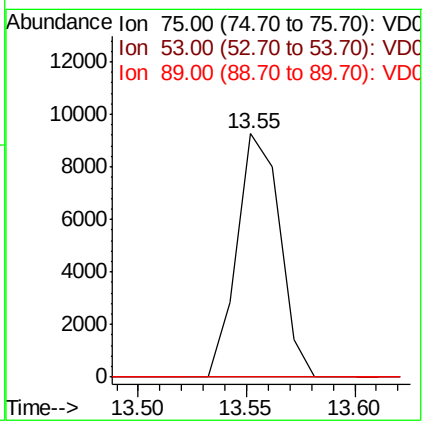


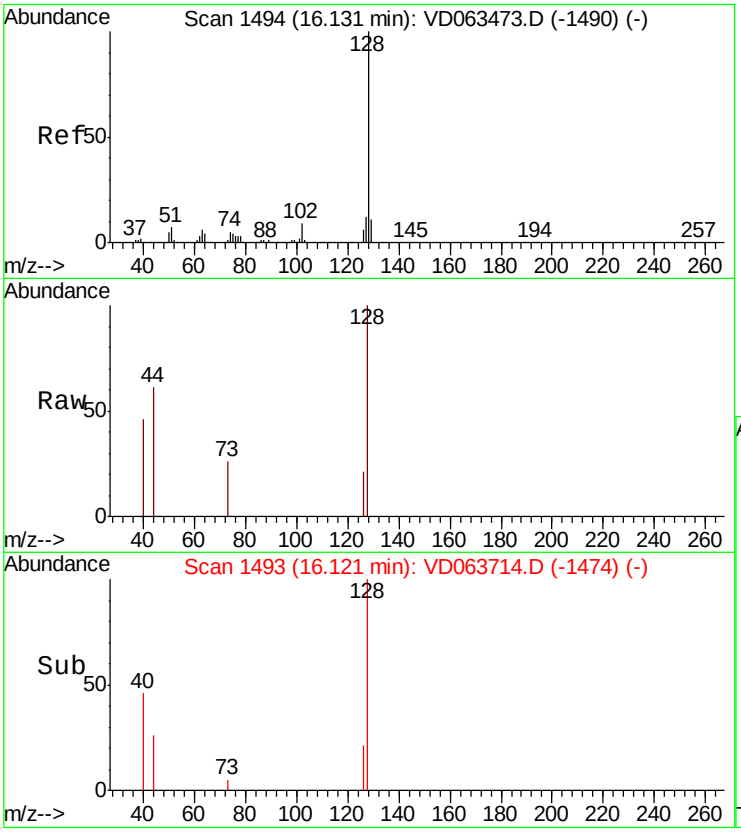


#81
trans-1,4-Dichloro-2-butene
Concen: 131.933 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Tgt Ion: 75 Resp: 12736

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





#95
Naphthalene
Concen: 1.448 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD063714.D
Acq: 21 Aug 2019 15:47

Instrument :
MSVOA_D
ClientSampleId :
T6-A1-(2)

Tgt Ion:128 Resp: 1348

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