Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081619\
Data File : VD063635.D
Acq On : 16 Aug 2019 13:59
Operator : JC/SY
Sample : K4356-09RE
Misc : 5.51g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-5RE

Quant Time: Aug 17 06:00:57 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	7.03	168	36022	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	62293	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	55250	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	26713	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	35578	92.40	ug/l	-0.03
Spiked Amount 50.000			Recovery = 184.80%			
35) Dibromofluoromethane	6.91	113	24490	46.68	ug/l	-0.02
Spiked Amount 50.000			Recovery = 93.36%			
50) Toluene-d8	10.41	98	51395	44.56	ug/l	-0.01
Spiked Amount 50.000			Recovery = 89.12%			
62) 4-Bromofluorobenzene	13.55	95	26397	50.49	ug/l	-0.01
Spiked Amount 50.000			Recovery = 100.98%			
Target Compounds						Qvalue
5) Bromomethane	2.17	94	2749	17.236	ug/l #	11
6) Chloroethane	2.34	64	431	2.788	ug/l #	1
8) Diethyl Ether	2.87	74	203	2.169	ug/l	62
13) Acrolein	3.03	56	476	28.850	ug/l #	18
16) Acetone	3.21	43	31676	404.688	ug/l	93
18) Methyl Acetate	3.65	43	430	2.900	ug/l #	57
20) Methylene Chloride	3.80	84	3988	11.783	ug/l #	78
25) 2-Butanone	6.08	43	6634	85.816	ug/l #	70
29) Tetrahydrofuran	6.44	42	1267	35.173	ug/l #	54
31) Cyclohexane	7.02	56	444	1.277	ug/l #	13
37) Ethyl Acetate	6.08	43	6634	28.749	ug/l #	73
38) Carbon Tetrachloride	7.04	117	3617	4.358	ug/l #	33
49) 1,4-Dioxane	8.74	88	258	159.177	ug/l #	1
51) 4-Methyl-2-Pentanone	10.14	43	230	1.088	ug/l #	40
59) 2-Hexanone	11.47	43	197	1.280	ug/l #	30
81) trans-1,4-Dichloro-2-buten	13.55	75	12686	153.957	ug/l #	1
95) Naphthalene	16.12	128	941	1.184	ug/l #	71

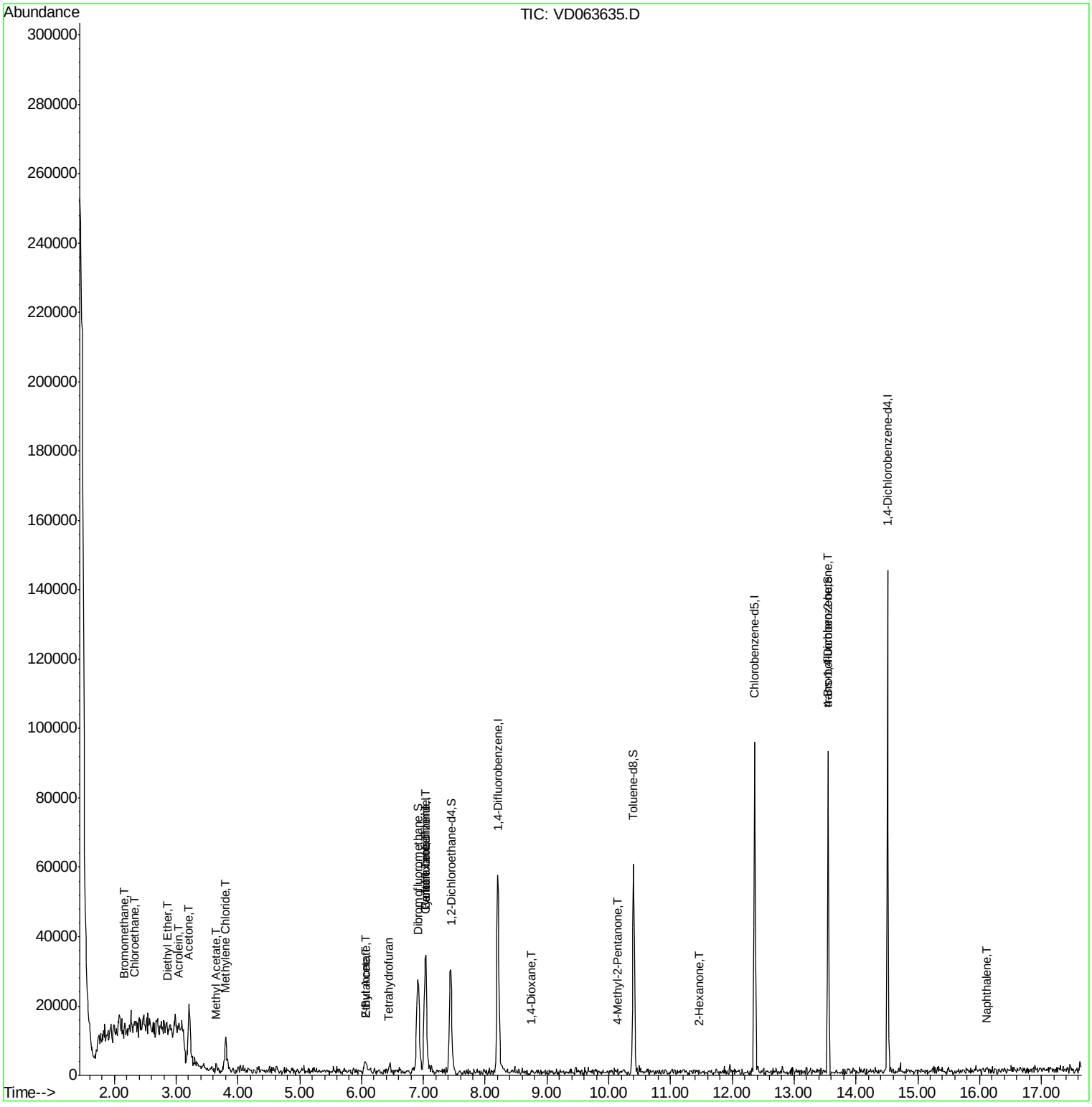
(#) = qualifier out of range (m) = manual integration (+) = signals summed

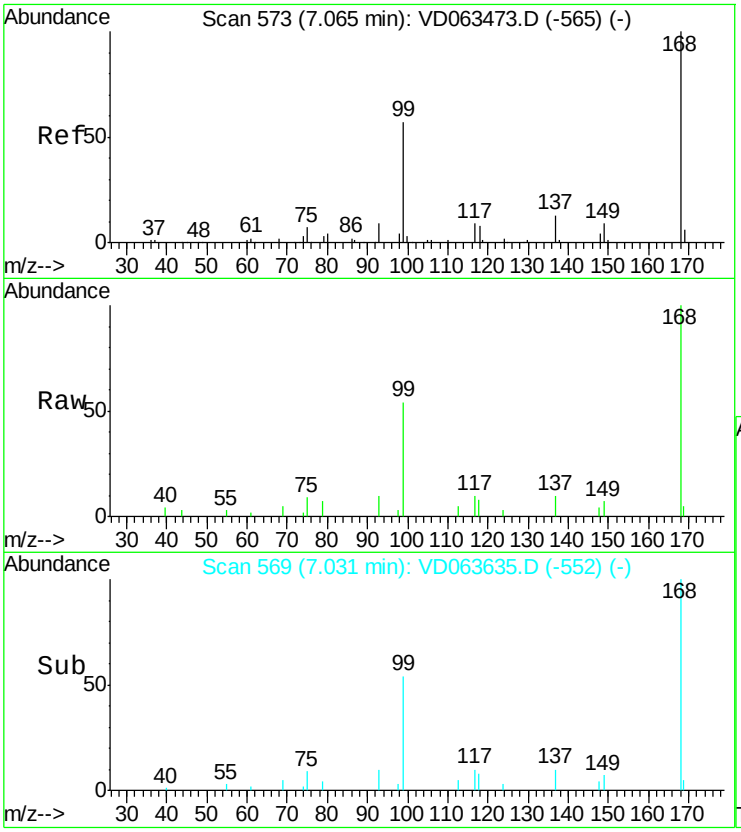
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
Data File : VD063635.D
Acq On : 16 Aug 2019 13:59
Operator : JC/SY
Sample : K4356-09RE
Misc : 5.51g/5ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-5RE

Quant Time: Aug 17 06:00:57 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



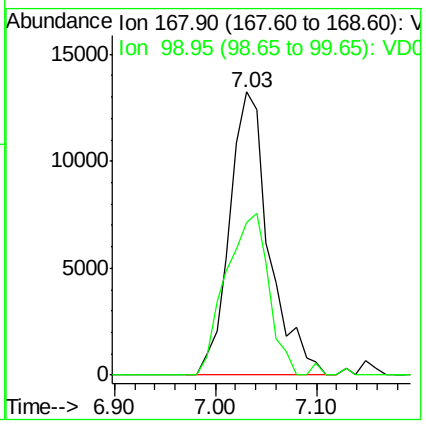


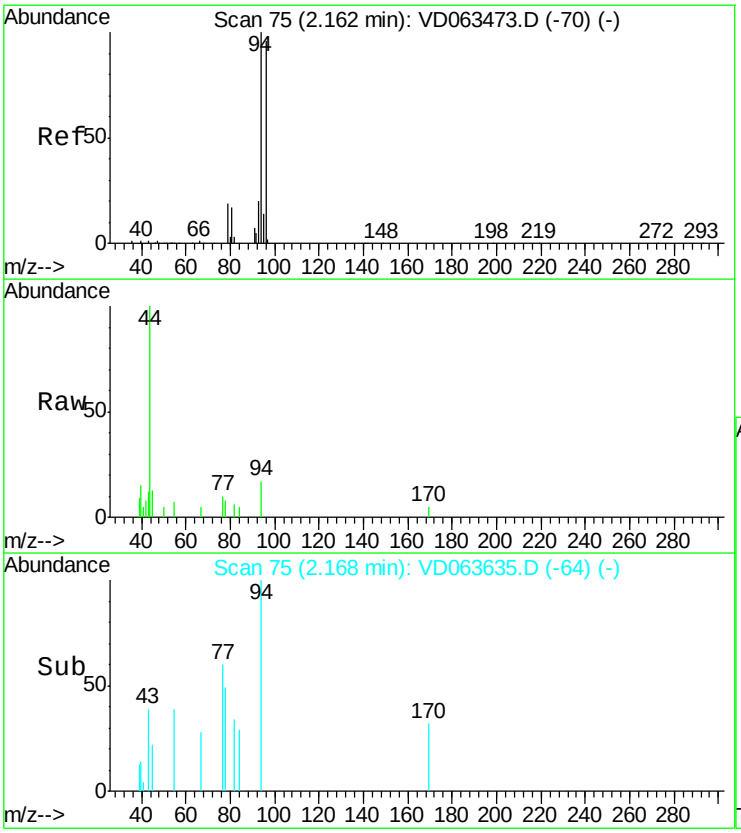
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.03 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :
TP-5RE

Tgt Ion:168 Resp: 36022

Ion	Ratio	Lower	Upper
168	100		
99	53.9	46.7	70.1

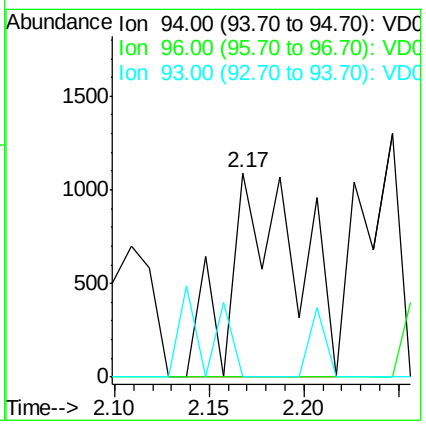


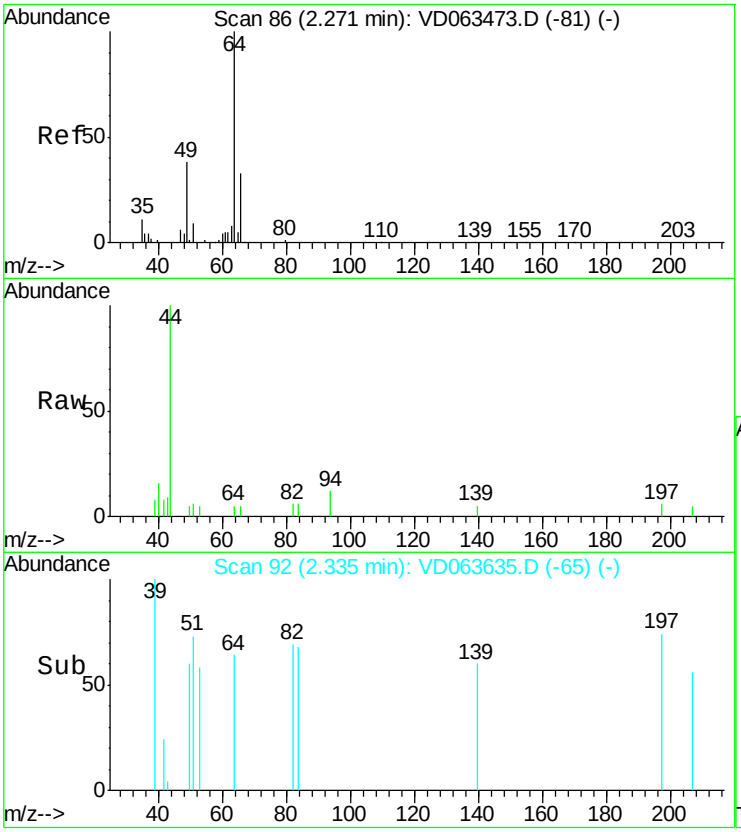


#5
Bromomethane
Concen: 17.236 ug/l
RT: 2.17 min Scan# 75
Delta R.T. 0.01 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Tgt Ion: 94 Resp: 2749

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



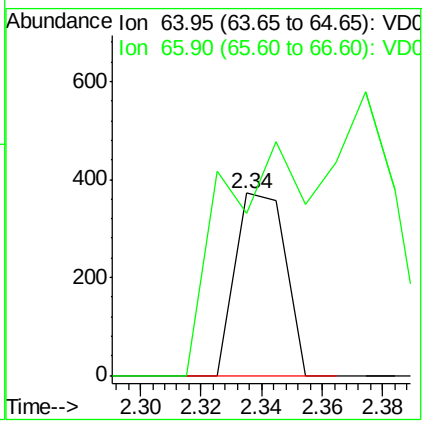


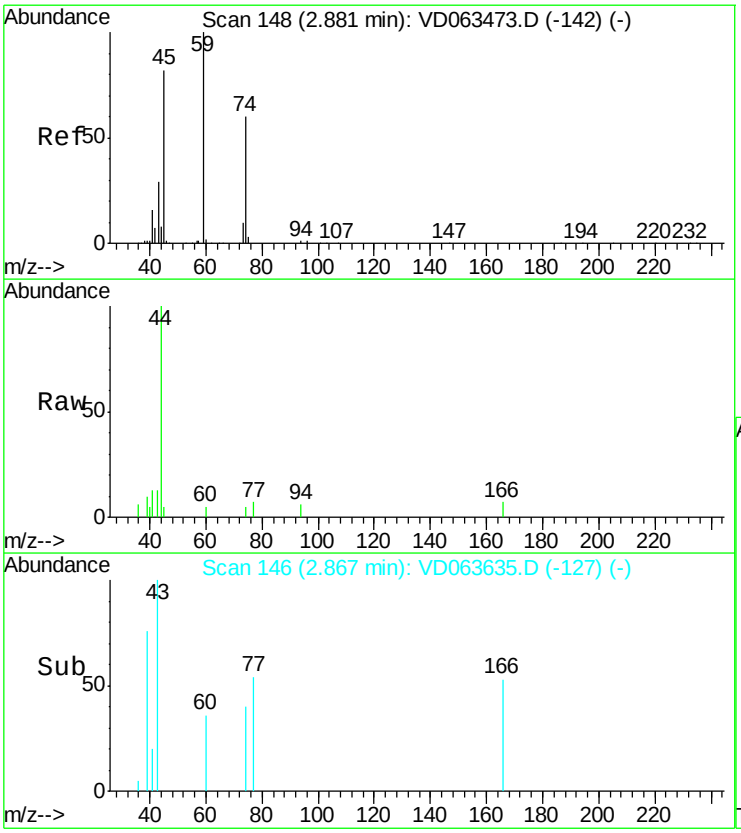
#6
Chloroethane
Concen: 2.788 ug/l
RT: 2.34 min Scan# 92
Delta R.T. 0.06 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Instrument : MSVOA_D
ClientSampleId : TP-5RE

Tgt Ion: 64 Resp: 431

Ion	Ratio	Lower	Upper
64	100		
66	88.7	26.3	39.5#

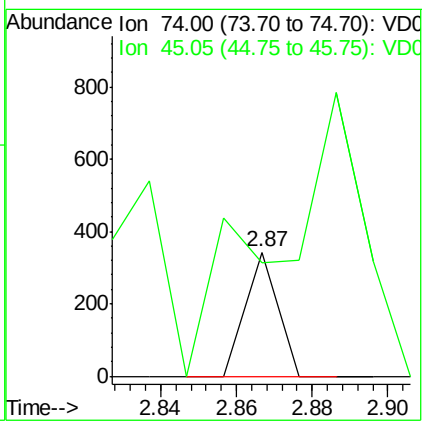


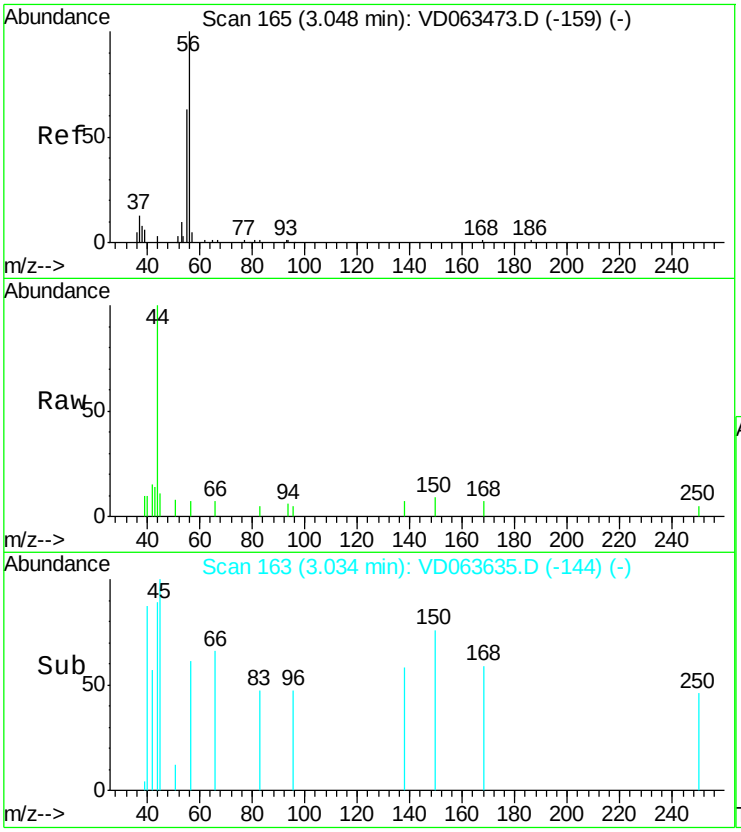


#8
Diethyl Ether
Concen: 2.169 ug/l
RT: 2.87 min Scan# 146
Delta R.T. -0.01 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Tgt Ion: 74 Resp: 203

Ion	Ratio	Lower	Upper
74	100		
45	91.0	68.5	205.5



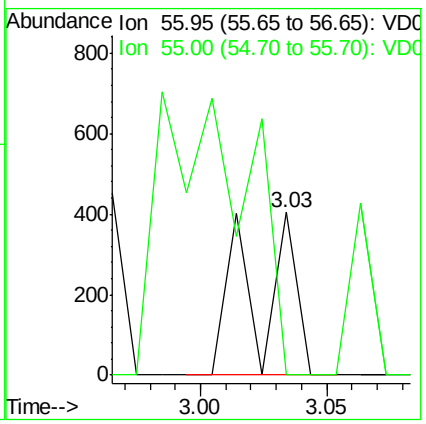


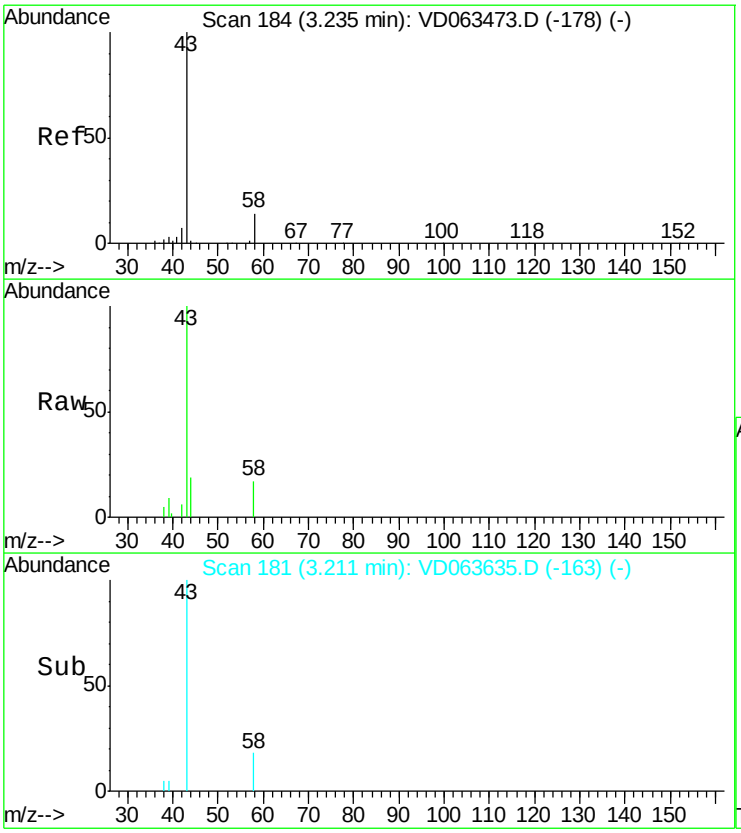
#13
Acrolein
Concen: 28.850 ug/l
RT: 3.03 min Scan# 163
Delta R.T. -0.01 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Instrument : MSVOA_D
ClientSampleId : TP-5RE

Tgt Ion: 56 Resp: 476

Ion	Ratio	Lower	Upper
56	100		
55	0.0	51.3	76.9#

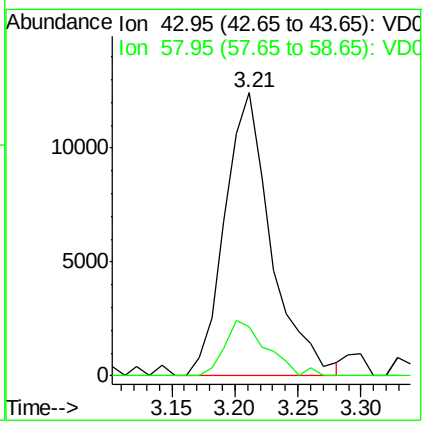


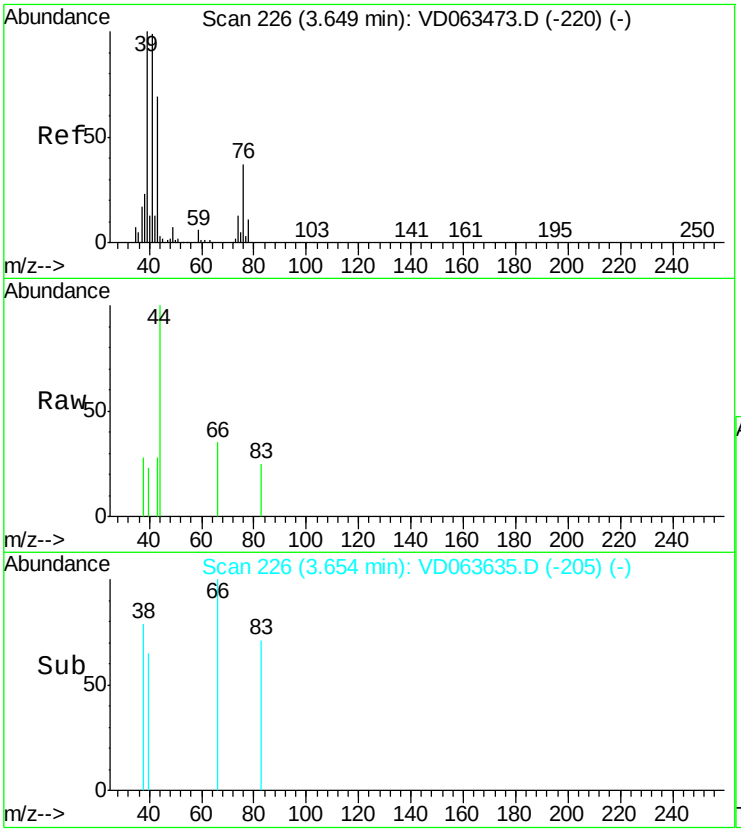


#16
Acetone
Concen: 404.688 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Tgt Ion: 43 Resp: 31676

Ion	Ratio	Lower	Upper
43	100		
58	17.2	11.4	17.2



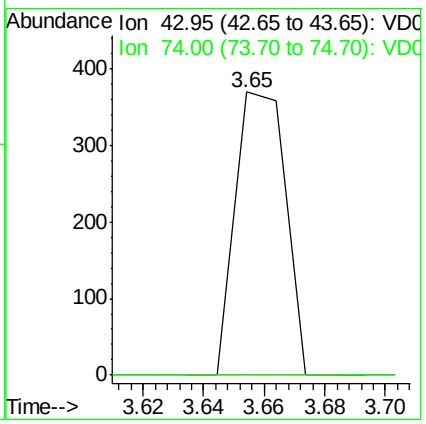


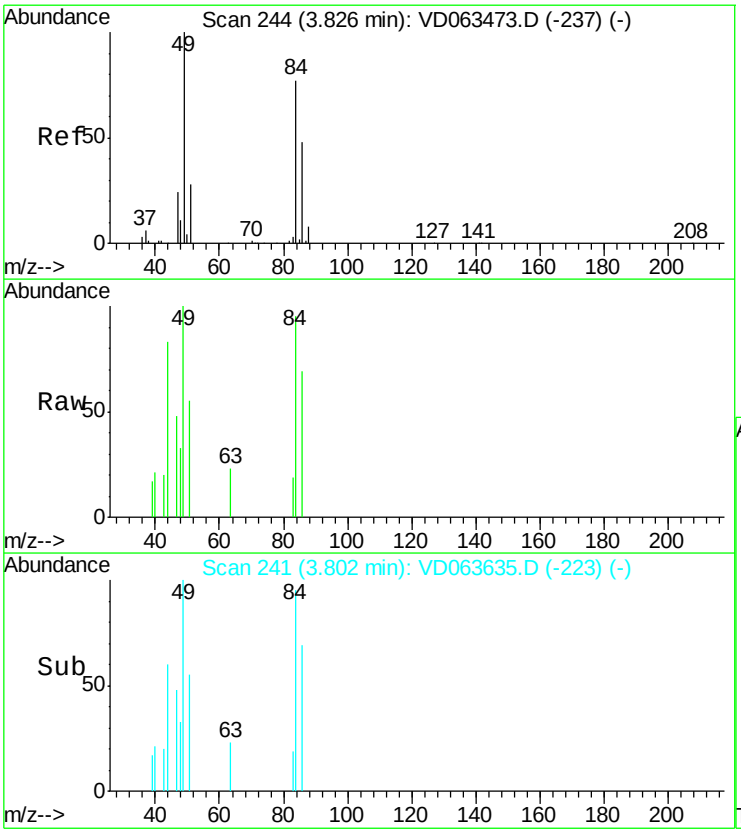
#18
Methyl Acetate
Concen: 2.900 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.01 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Instrument : MSVOA_D
ClientSampleId : TP-5RE

Tgt Ion: 43 Resp: 430

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.4	23.2#

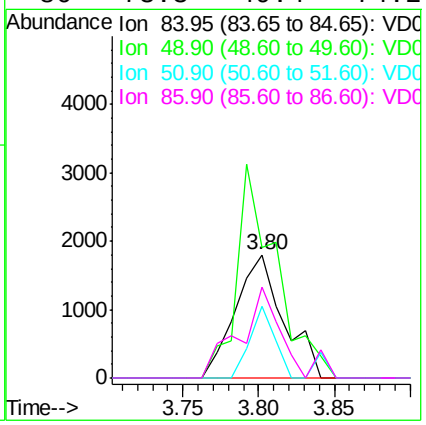


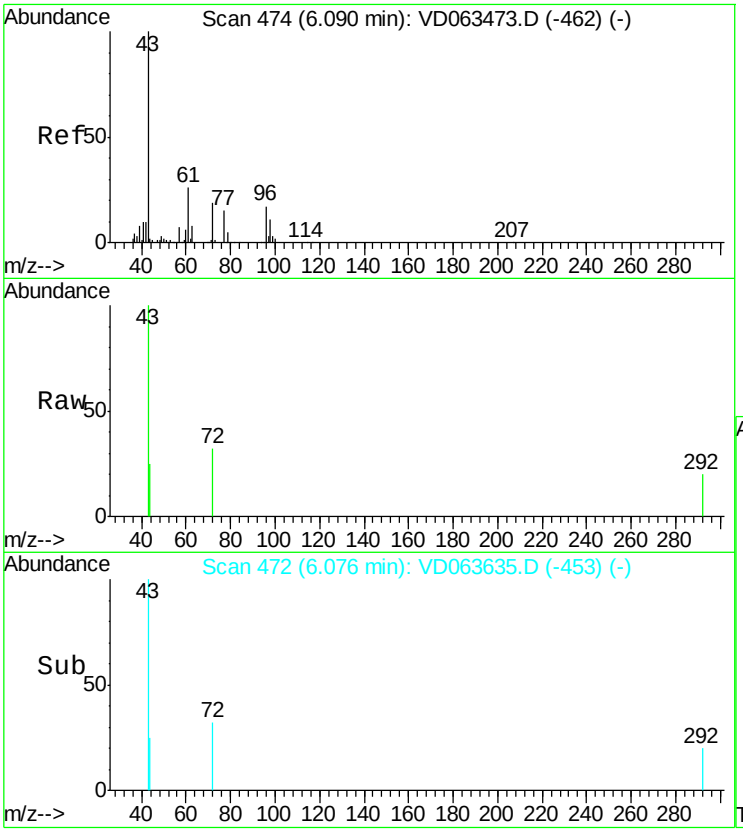


#20
Methylene Chloride
Concen: 11.783 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Tgt Ion: 84 Resp: 3988

Ion	Ratio	Lower	Upper
84	100		
49	105.5	103.4	155.2
51	58.0	28.5	42.7#
86	73.3	49.4	74.2



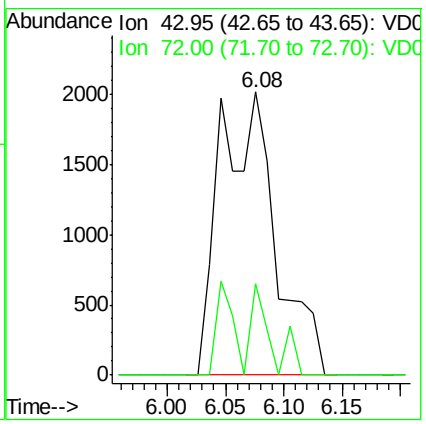


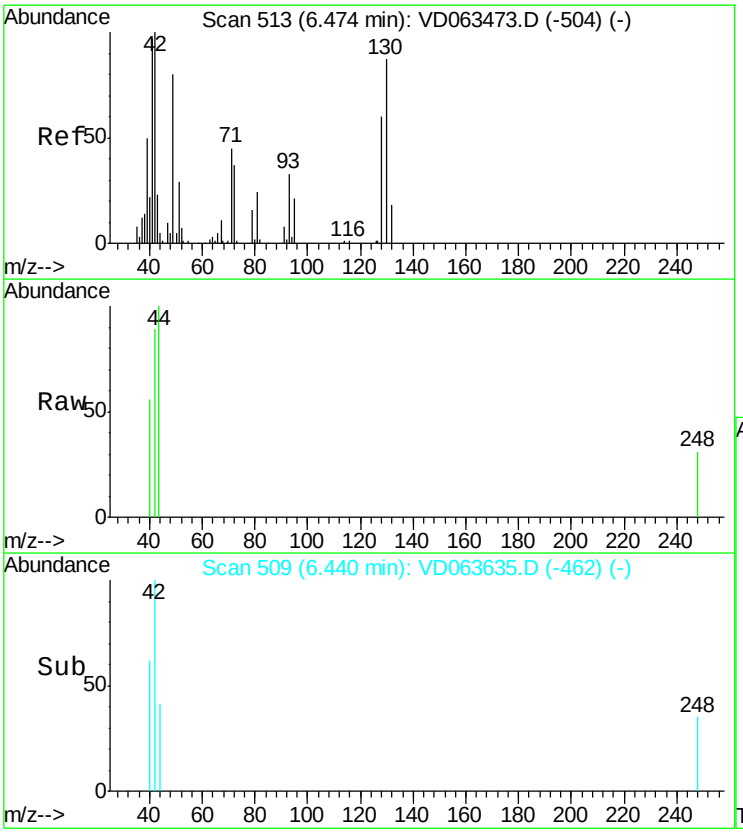
#25
2-Butanone
Concen: 85.816 ug/l
RT: 6.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Instrument : MSVOA_D
ClientSampleId : TP-5RE

Tgt Ion: 43 Resp: 6634

Ion	Ratio	Lower	Upper
43	100		
72	32.4	15.1	22.7#

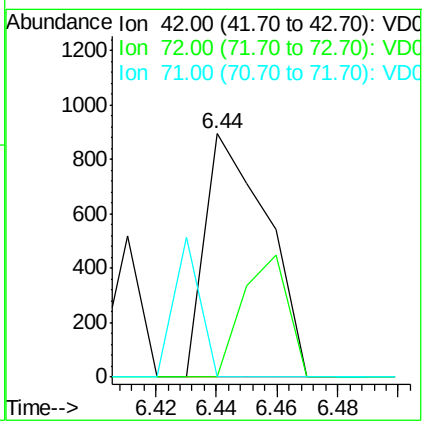


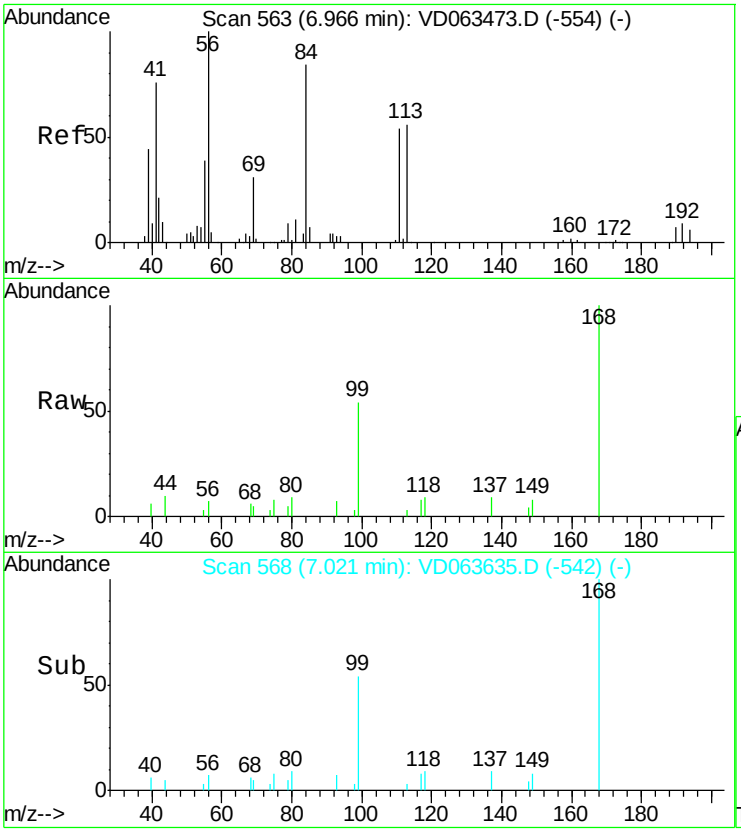


#29
Tetrahydrofuran
Concen: 35.173 ug/l
RT: 6.44 min Scan# 509
Delta R.T. -0.03 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Tgt Ion: 42 Resp: 1267

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.5	47.3#
71	24.1	33.8	50.8#



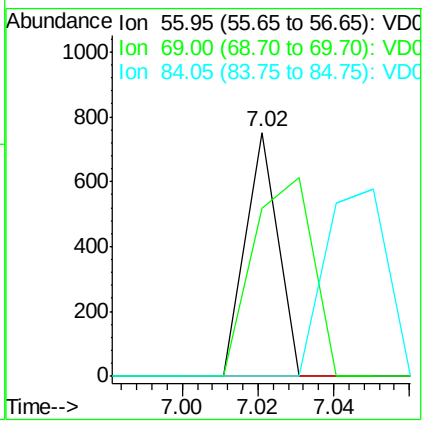


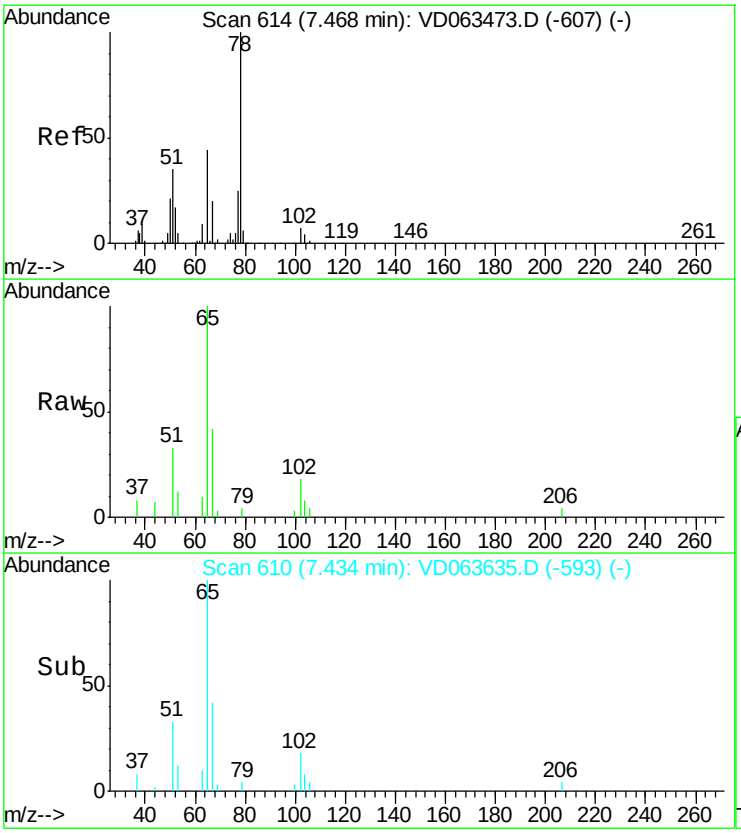
#31
Cyclohexane
Concen: 1.277 ug/l
RT: 7.02 min Scan# 568
Delta R.T. 0.05 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Instrument : MSVOA_D
ClientSampleId : TP-5RE

Tgt Ion: 56 Resp: 444

Ion	Ratio	Lower	Upper
56	100		
69	68.8	25.0	37.6#
84	0.0	69.7	104.5#

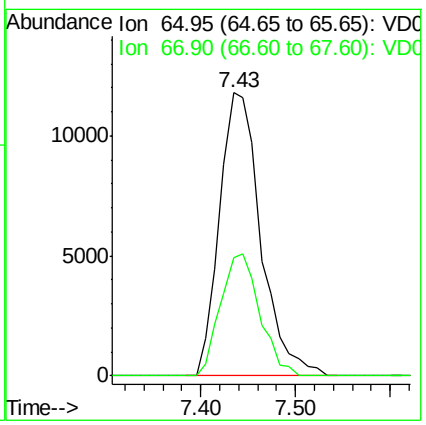


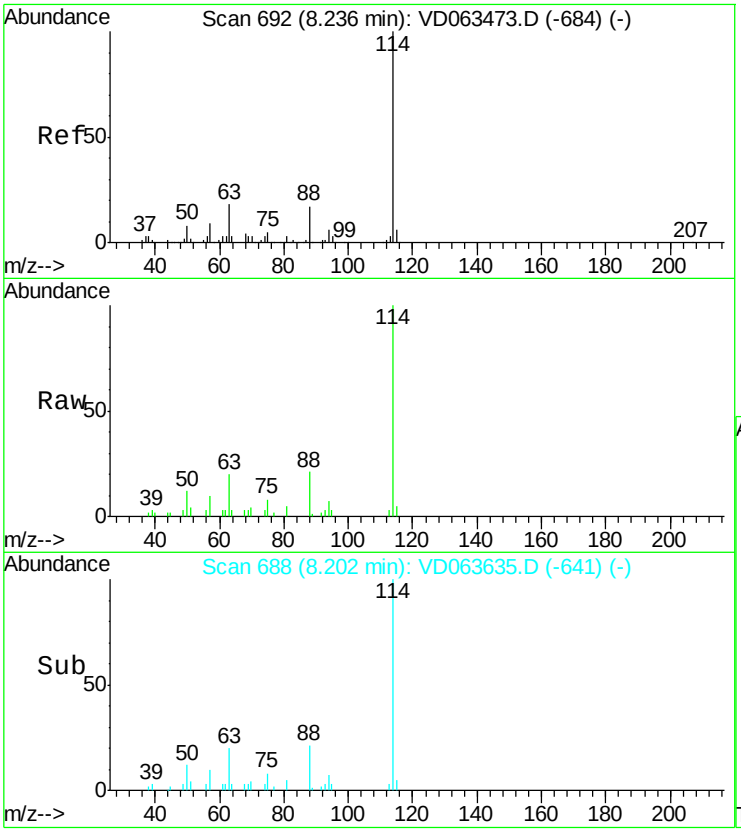


#33
1,2-Dichloroethane-d4
Concen: 92.399 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.03 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Tgt Ion: 65 Resp: 35578

Ion	Ratio	Lower	Upper
65	100		
67	41.9	0.0	89.2



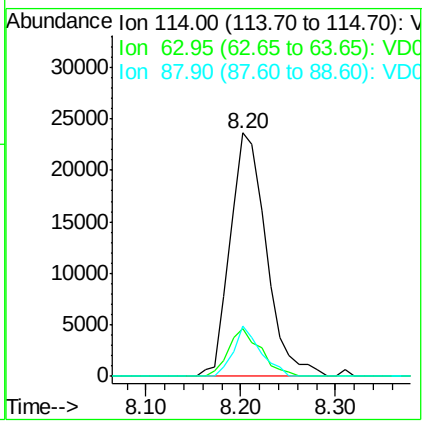


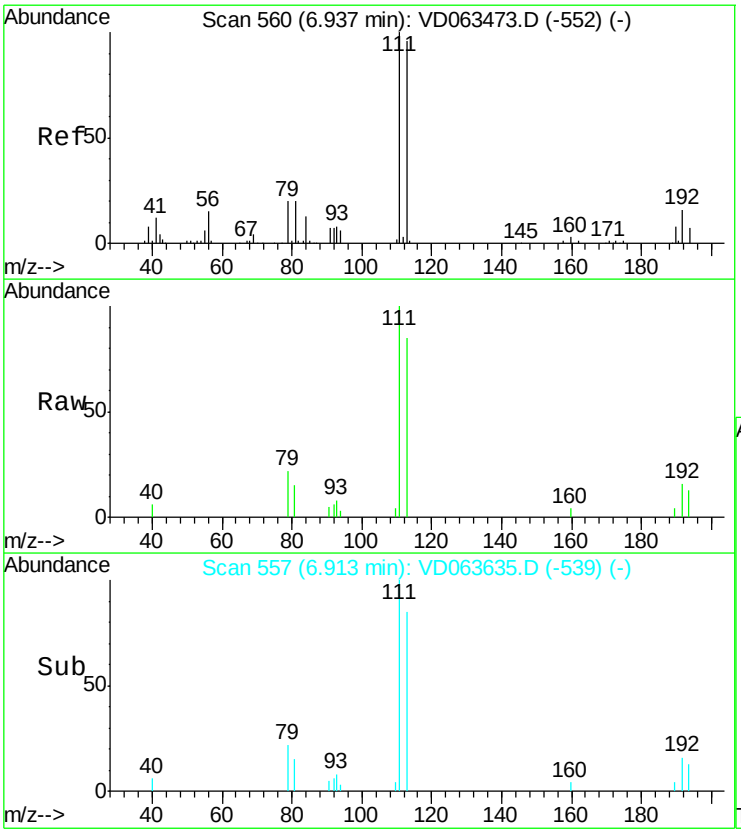
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. -0.03 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :
TP-5RE

Tgt Ion:114 Resp: 62293

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	36.2
88	20.5	0.0	35.0

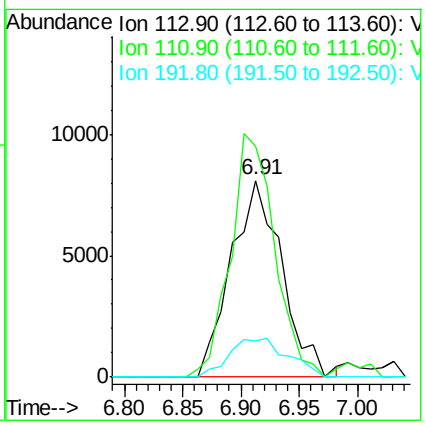


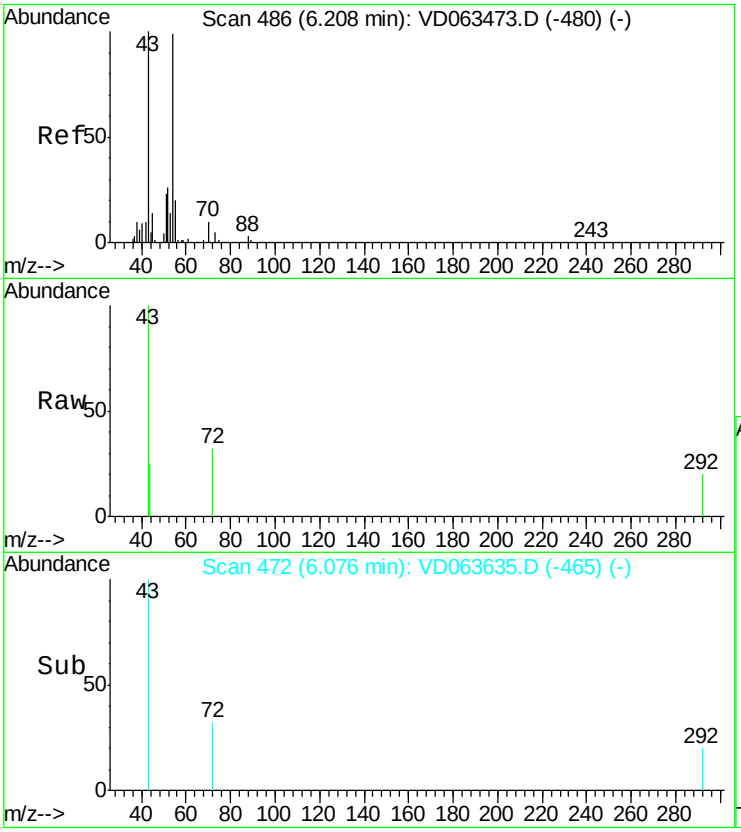


#35
Dibromofluoromethane
Concen: 46.680 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.02 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Tgt Ion:113 Resp: 24490

Ion	Ratio	Lower	Upper
113	100		
111	117.2	83.1	124.7
192	18.7	13.1	19.7



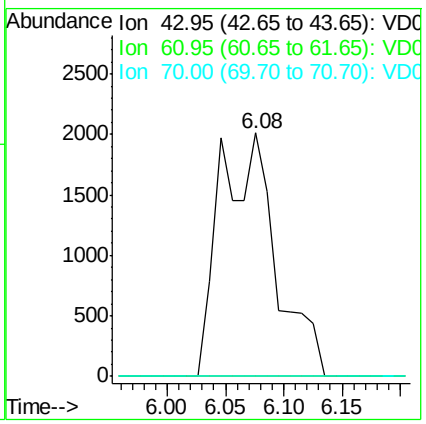


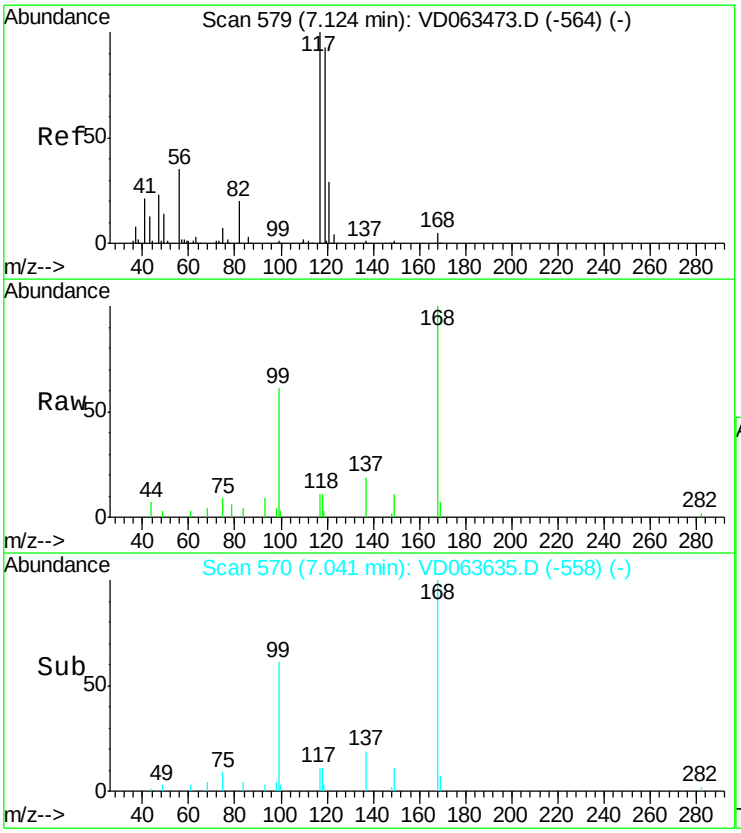
#37
Ethyl Acetate
Concen: 28.749 ug/l
RT: 6.08 min Scan# 472
Delta R.T. -0.13 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Instrument : MSVOA_D
ClientSampleId : TP-5RE

Tgt Ion: 43 Resp: 6634

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

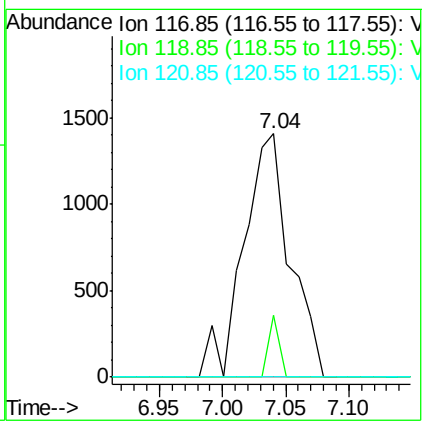


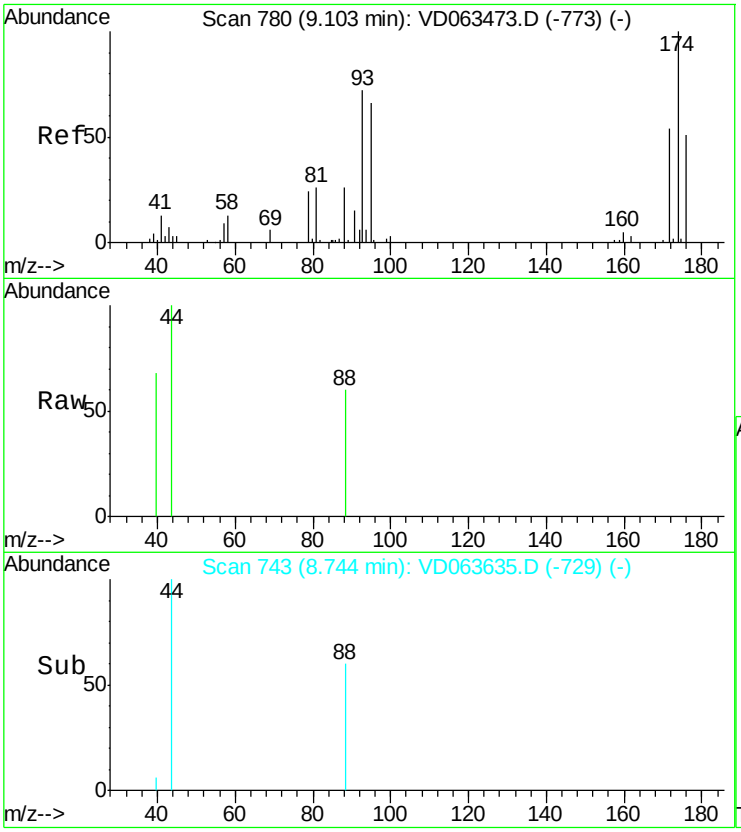


#38
Carbon Tetrachloride
Concen: 4.358 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Tgt Ion:117 Resp: 3617

Ion	Ratio	Lower	Upper
117	100		
119	25.2	74.2	111.2#
121	0.0	23.1	34.7#



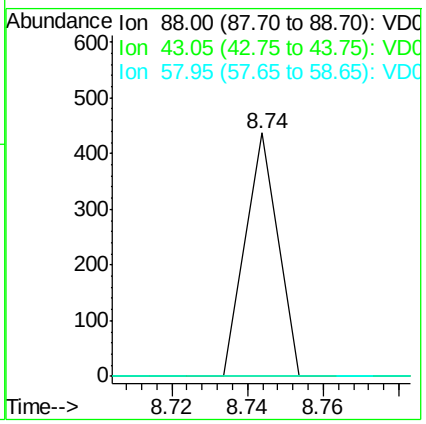


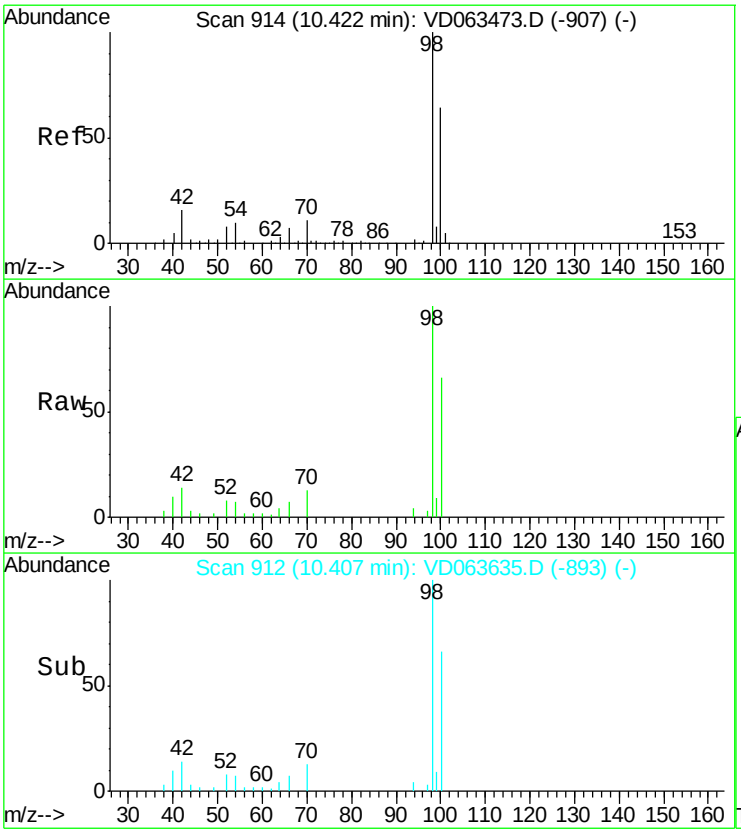
#49
1,4-Dioxane
Concen: 159.177 ug/l
RT: 8.74 min Scan# 743
Delta R.T. -0.36 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Instrument : MSVOA_D
ClientSampleId : TP-5RE

Tgt Ion: 88 Resp: 258

Ion	Ratio	Lower	Upper
88	100		
43	168.0	22.9	34.3#
58	0.0	40.1	60.1#

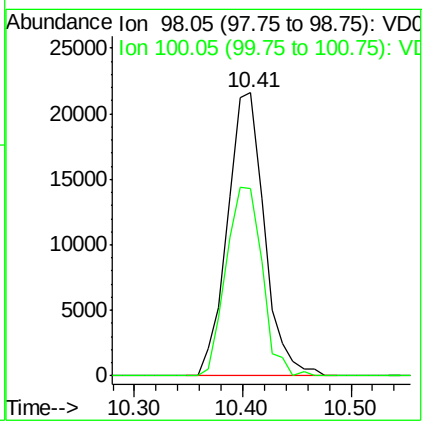


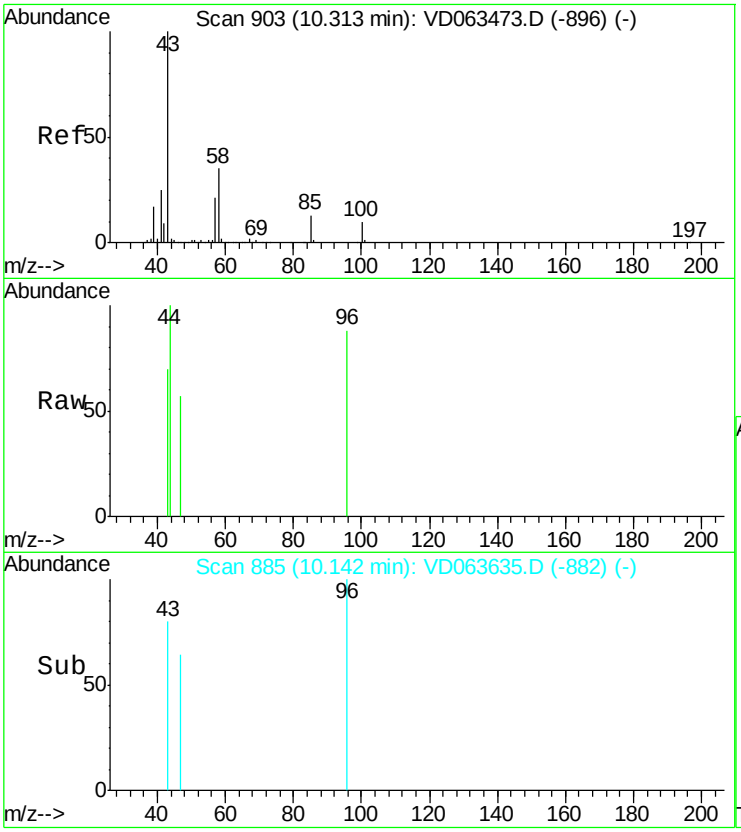


#50
Toluene-d8
Concen: 44.558 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Tgt Ion: 98 Resp: 51395

Ion	Ratio	Lower	Upper
98	100		
100	66.4	51.7	77.5



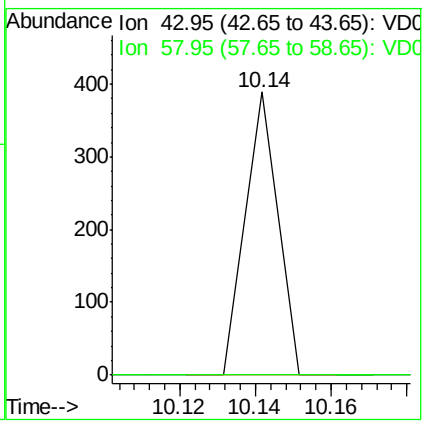


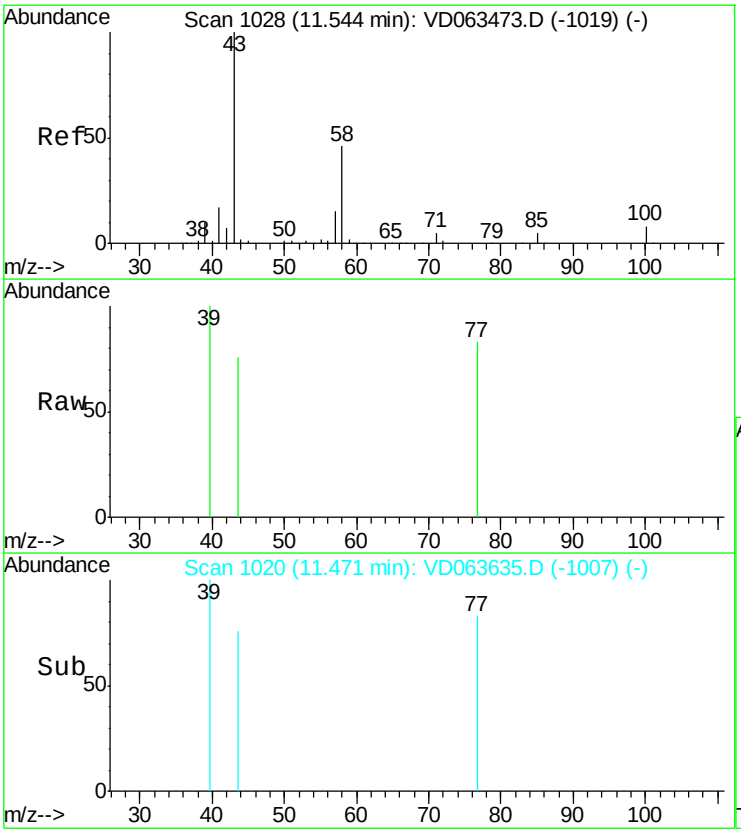
#51
4-Methyl-2-Pentanone
Concen: 1.088 ug/l
RT: 10.14 min Scan# 885
Delta R.T. -0.17 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Instrument : MSVOA_D
ClientSampleId : TP-5RE

Tgt Ion: 43 Resp: 230

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0#

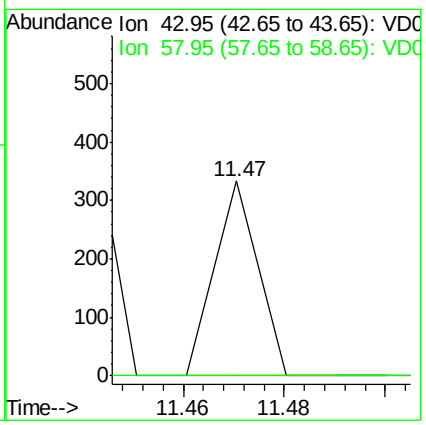


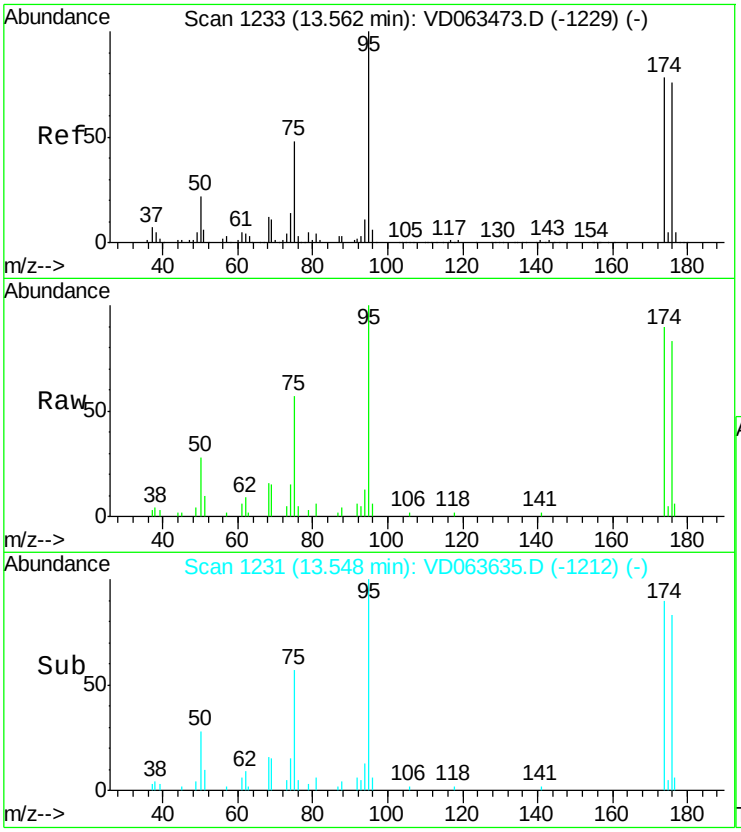


#59
2-Hexanone
Concen: 1.280 ug/l
RT: 11.47 min Scan# 1020
Delta R.T. -0.07 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Tgt Ion: 43 Resp: 197

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	69.2#



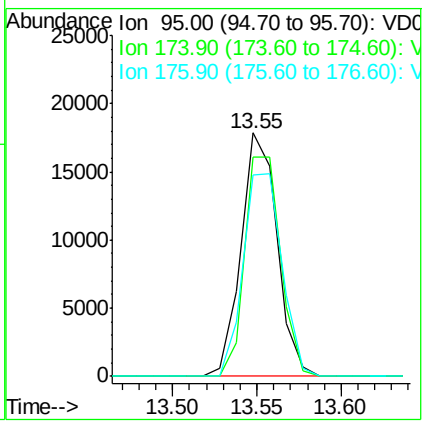


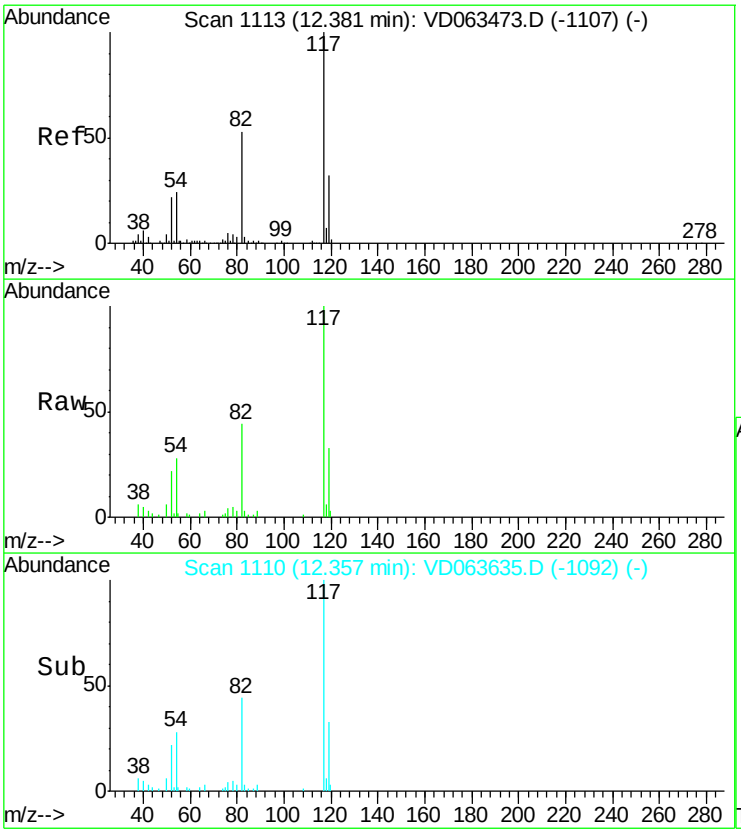
#62
4-Bromofluorobenzene
Concen: 50.493 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :
TP-5RE

Tgt Ion: 95 Resp: 26397

Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	155.4
176	82.7	0.0	152.4

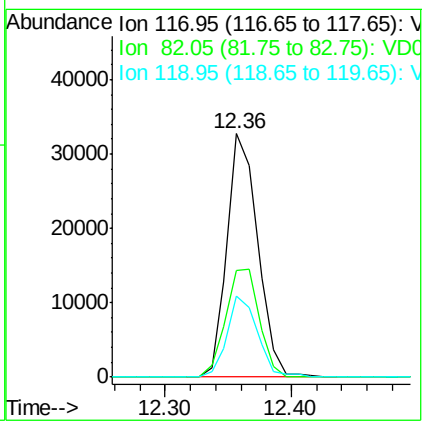


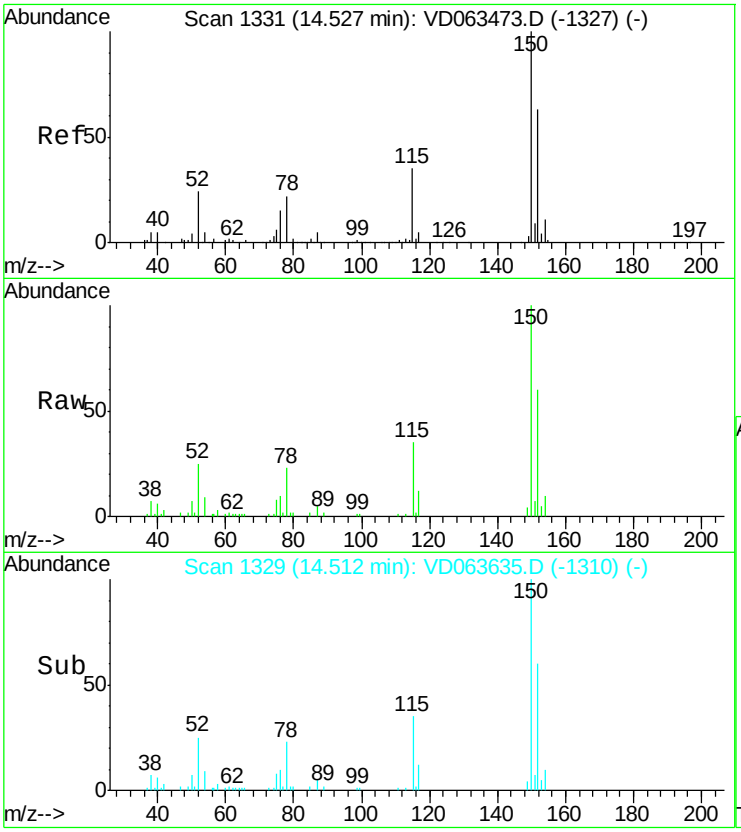


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Tgt Ion:117 Resp: 55250

Ion	Ratio	Lower	Upper
117	100		
82	43.8	42.0	63.0
119	33.1	25.4	38.0



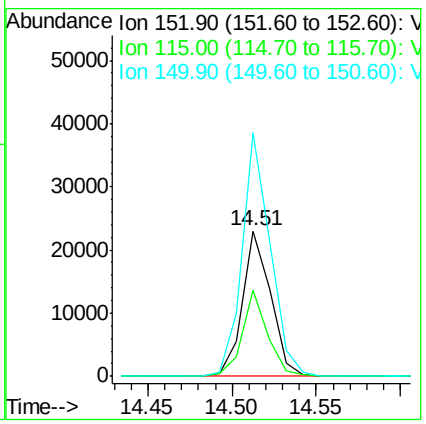


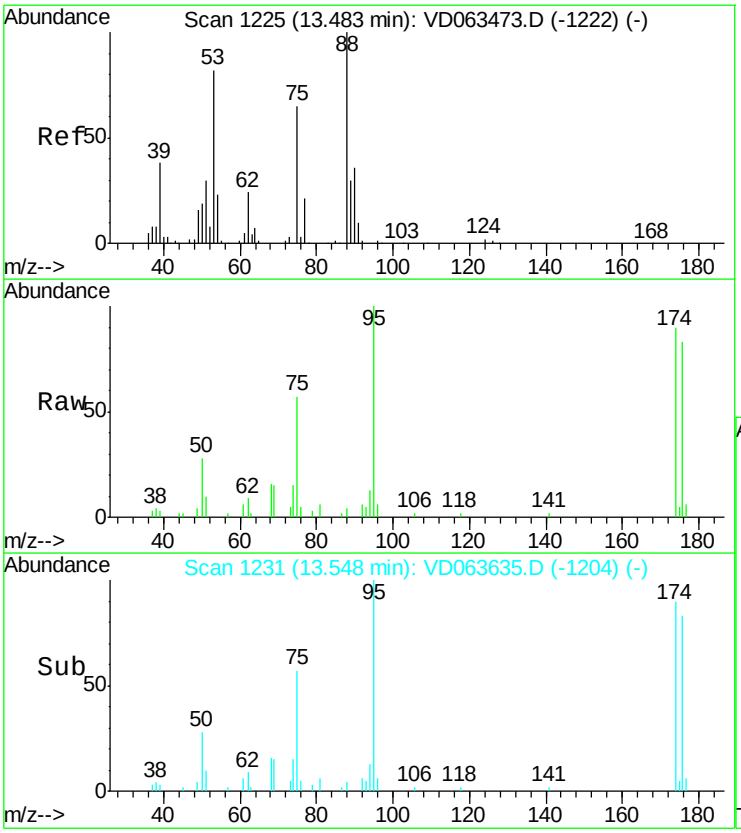
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :
TP-5RE

Tgt Ion:152 Resp: 26713

Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.9	92.7
150	167.8	0.0	318.6

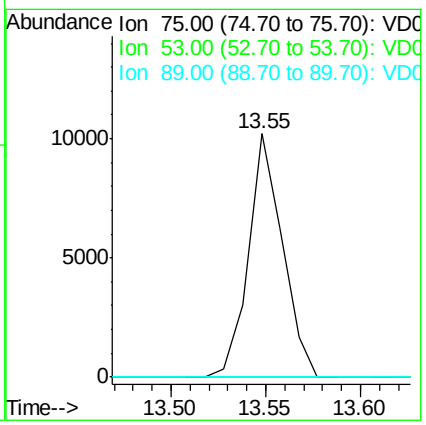


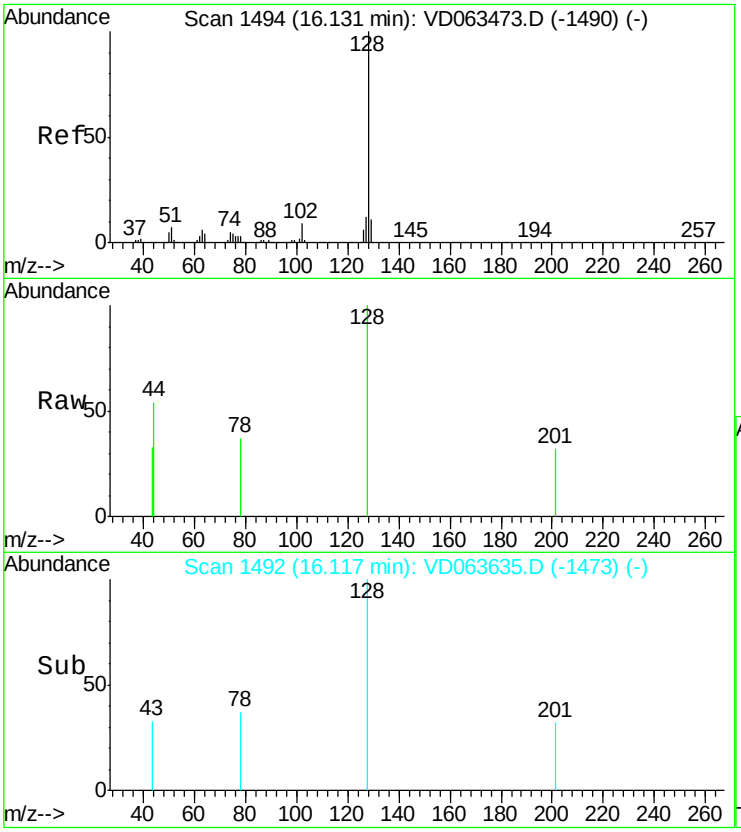


#81
trans-1,4-Dichloro-2-butene
Concen: 153.957 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.06 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Tgt Ion: 75 Resp: 12686

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





#95
Naphthalene
Concen: 1.184 ug/l
RT: 16.12 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VD063635.D
Acq: 16 Aug 2019 13:59

Instrument :
MSVOA_D
ClientSampleId :
TP-5RE

Tgt Ion:128 Resp: 941

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