Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080619\
Data File : VD063394.D
Acq On : 6 Aug 2019 12:54
Operator : JC/SY
Sample : VD0806SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0806SBL01

Quant Time: Aug 07 06:40:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1199431	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1596949	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	1324816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	727556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	612324	46.01	ug/l	0.01
Spiked Amount 50.000			Recovery = 92.02%			
35) Dibromofluoromethane	6.93	113	685061	50.24	ug/l	0.02
Spiked Amount 50.000			Recovery = 100.48%			
50) Toluene-d8	10.42	98	1440925	47.22	ug/l	0.01
Spiked Amount 50.000			Recovery = 94.44%			
62) 4-Bromofluorobenzene	13.56	95	642047	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.34%			
Target Compounds						Qvalue
8) Diethyl Ether	2.88	74	5100	1.593	ug/l	70
11) Tert butyl alcohol	3.99	59	16538	28.316	ug/l #	69
15) Acrylonitrile	4.21	53	3372	2.227	ug/l #	60
16) Acetone	3.22	43	18051	6.961	ug/l #	80
20) Methylene Chloride	3.82	84	29402	2.805	ug/l	89
25) 2-Butanone	6.08	43	6733	2.587	ug/l #	56
29) Tetrahydrofuran	6.49	42	3103	2.518	ug/l #	47
37) Ethyl Acetate	6.17	43	13510	2.063	ug/l #	65
38) Carbon Tetrachloride	7.05	117	123512	5.629	ug/l #	15
51) 4-Methyl-2-Pentanone	10.31	43	14208	2.498	ug/l #	60
58) 2-Chloroethyl Vinyl ether	9.86	63	6328	1.619	ug/l #	80
59) 2-Hexanone	11.53	43	7095	1.731	ug/l	67
76) 1,2,3-Trichloropropane	13.56	75	217560	24.896	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	295093	121.607	ug/l #	3

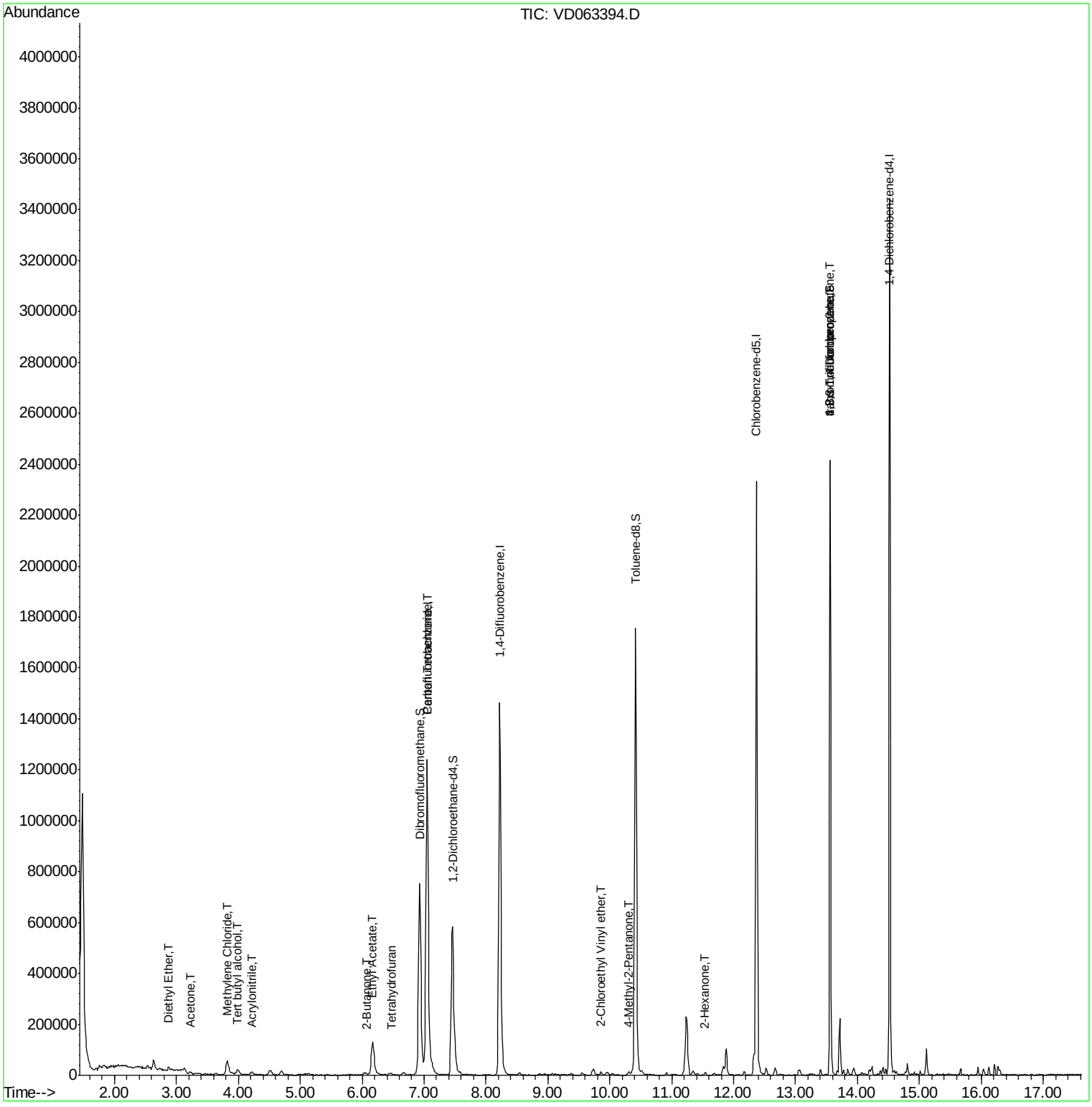
(#) = qualifier out of range (m) = manual integration (+) = signals summed

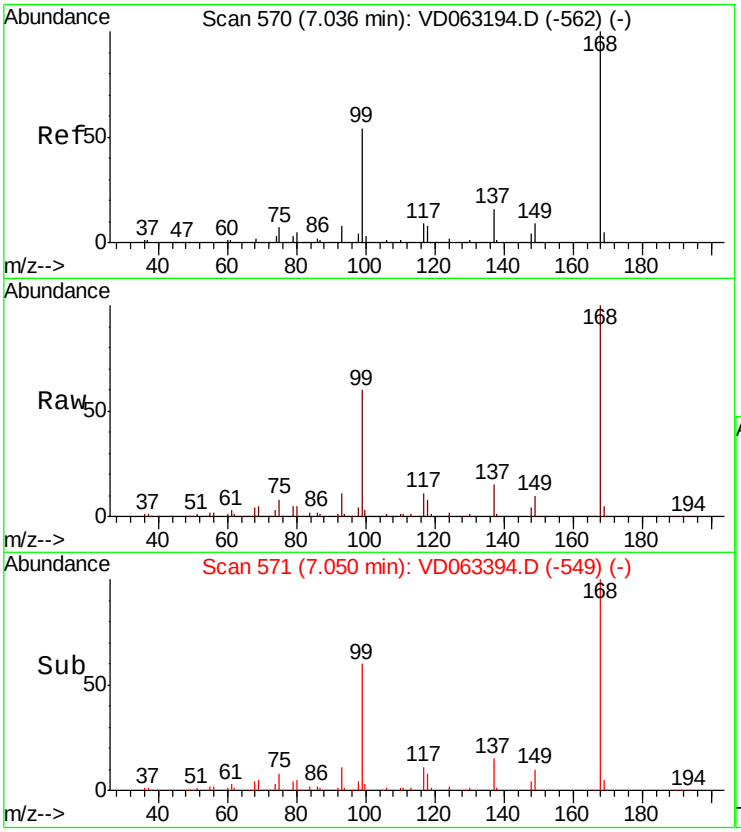
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080619\
Data File : VD063394.D
Acq On : 6 Aug 2019 12:54
Operator : JC/SY
Sample : VD0806SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Quant Time: Aug 07 06:40:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration



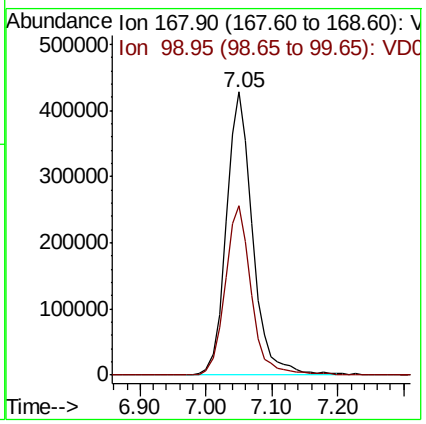


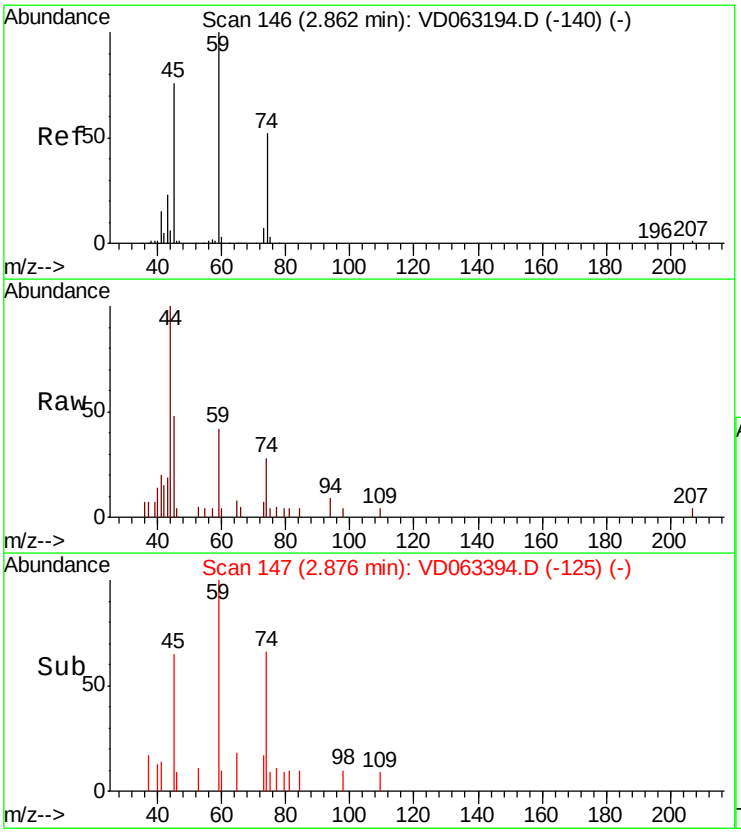
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tgt Ion:168 Resp: 1199431

Ion	Ratio	Lower	Upper
168	100		
99	60.1	43.7	65.5

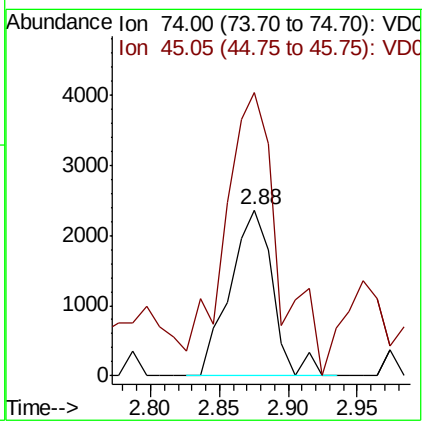


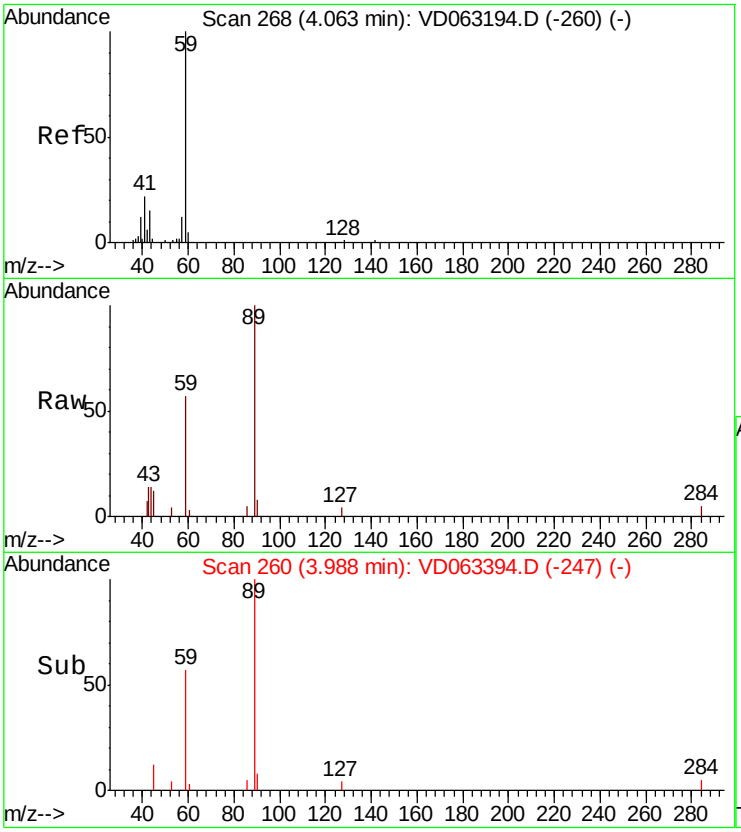


#8
Diethyl Ether
Concen: 1.593 ug/l
RT: 2.88 min Scan# 147
Delta R.T. 0.01 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Tgt Ion: 74 Resp: 5100

Ion	Ratio	Lower	Upper
74	100		
45	184.6	73.6	220.8



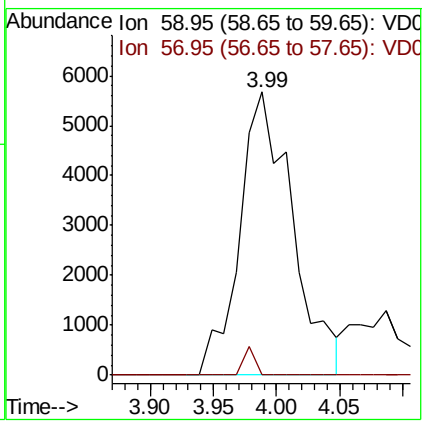


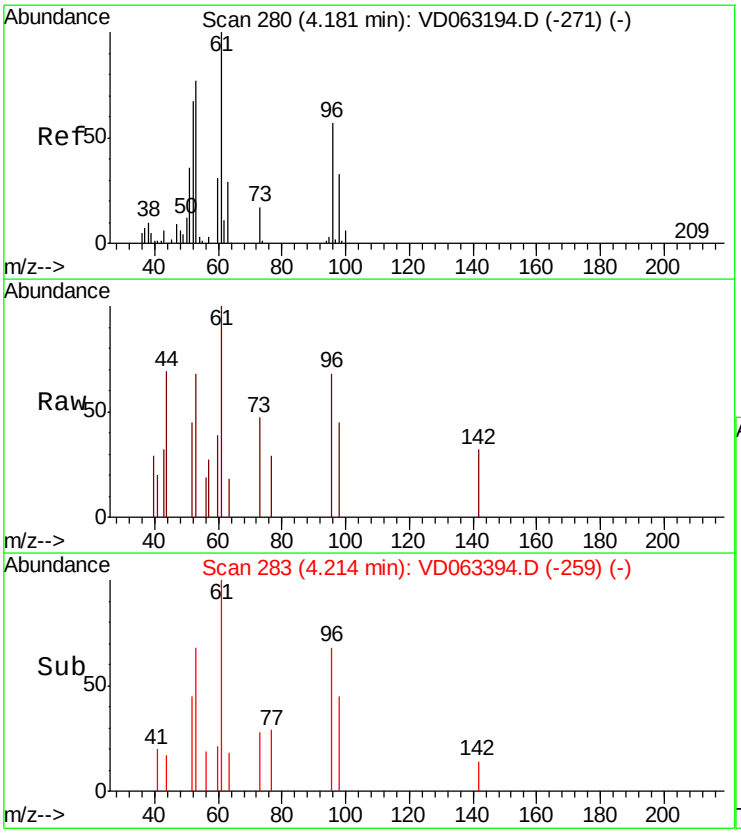
#11
Tert butyl alcohol
Concen: 28.316 ug/l
RT: 3.99 min Scan# 260
Delta R.T. -0.08 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tgt Ion: 59 Resp: 16538

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.6	14.4#

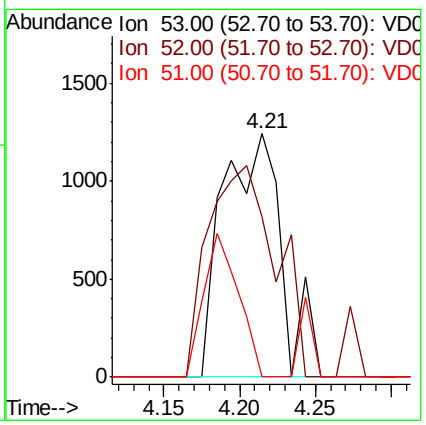


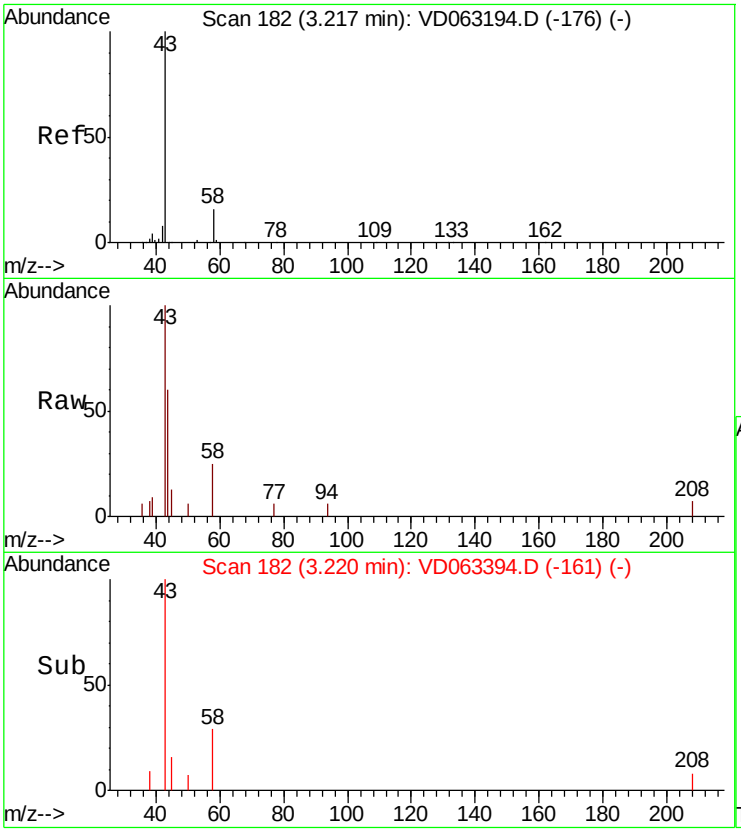


#15
Acrylonitrile
Concen: 2.227 ug/l
RT: 4.21 min Scan# 283
Delta R.T. 0.03 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Tgt Ion: 53 Resp: 3372

Ion	Ratio	Lower	Upper
53	100		
52	65.7	69.7	104.5#
51	0.0	37.4	56.0#



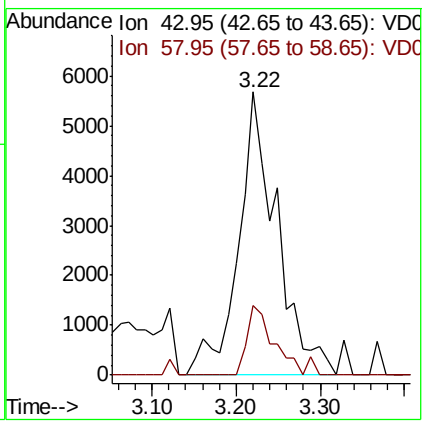


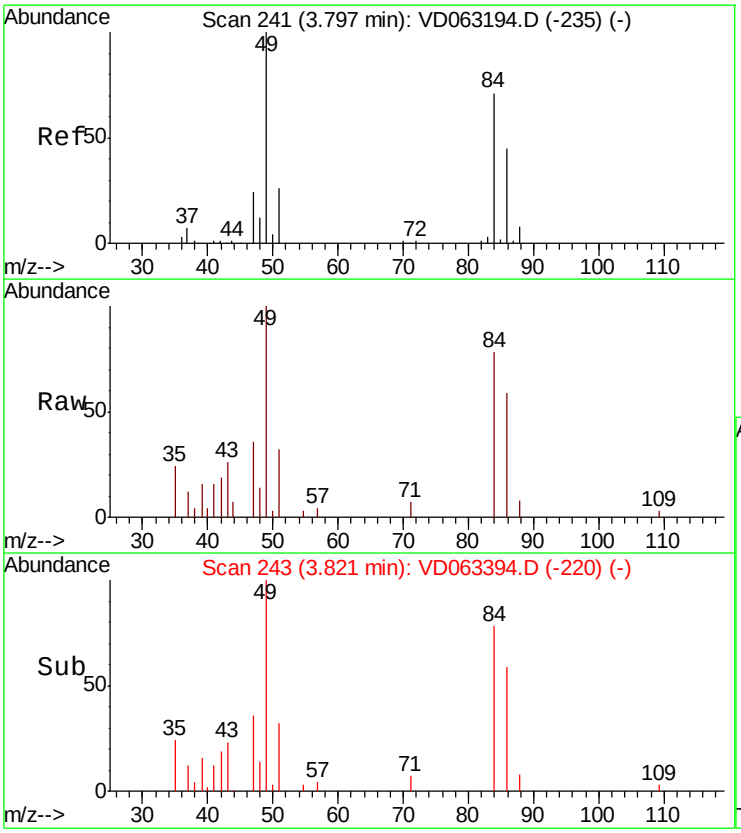
#16
Acetone
Concen: 6.961 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tgt Ion: 43 Resp: 18051

Ion	Ratio	Lower	Upper
43	100		
58	24.8	13.0	19.4#

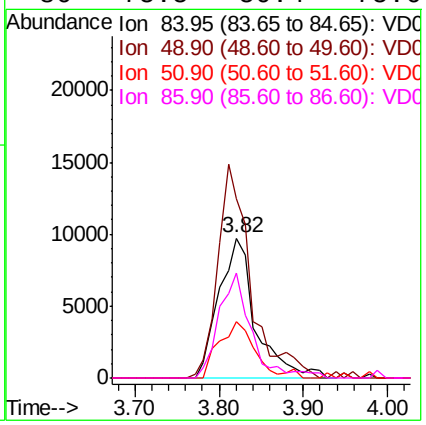


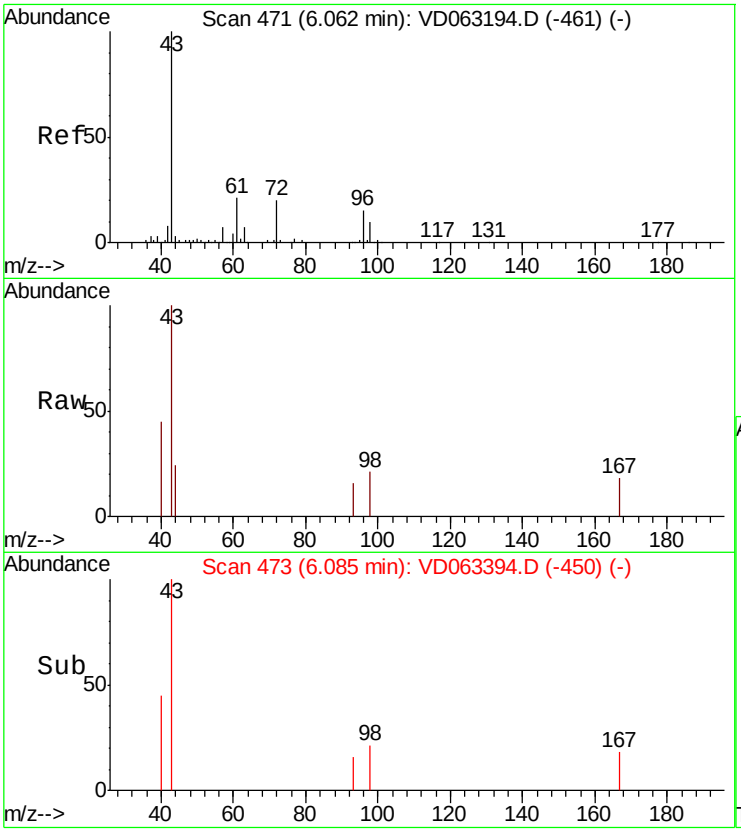


#20
Methylene Chloride
Concen: 2.805 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Tgt Ion: 84 Resp: 29402

Ion	Ratio	Lower	Upper
84	100		
49	128.5	112.5	168.7
51	40.6	29.6	44.4
86	75.5	50.4	75.6



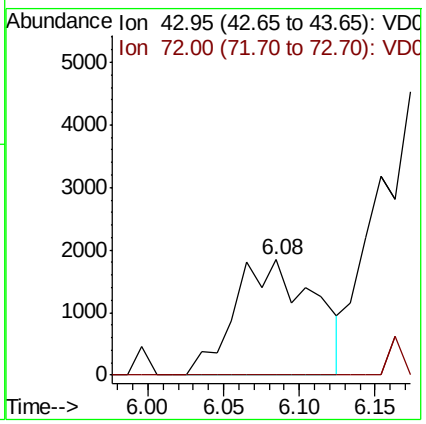


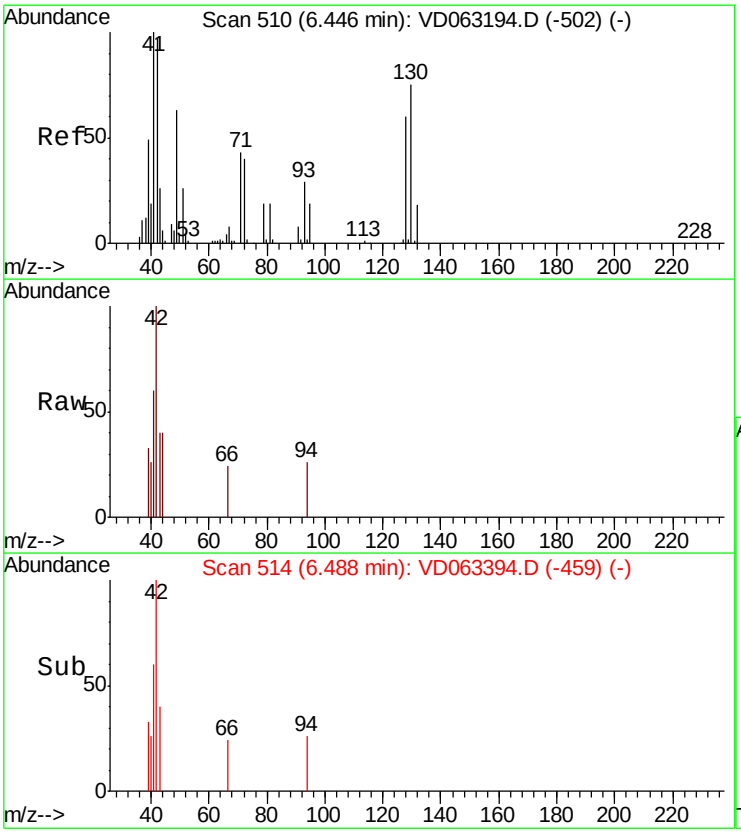
#25
2-Butanone
Concen: 2.587 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.02 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Instrument : MSVOA_D
ClientSampleId : VD0806SBL01

Tgt Ion: 43 Resp: 6733

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.3	24.5#

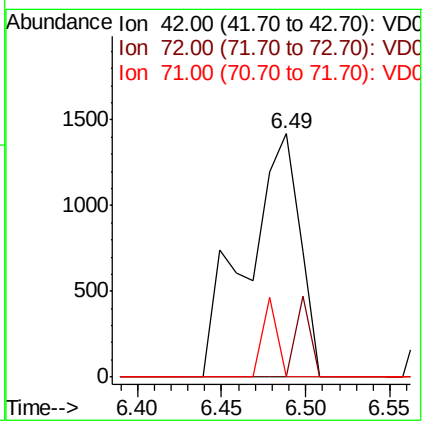


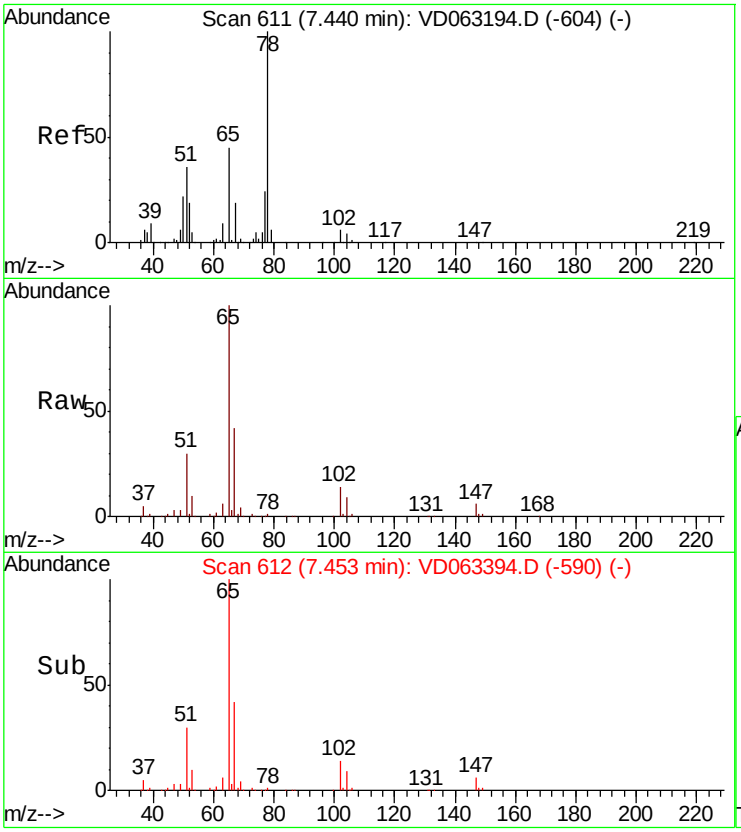


#29
Tetrahydrofuran
Concen: 2.518 ug/l
RT: 6.49 min Scan# 514
Delta R.T. 0.04 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Tgt Ion: 42 Resp: 3103

Ion	Ratio	Lower	Upper
42	100		
72	9.0	33.4	50.2#
71	8.9	35.7	53.5#



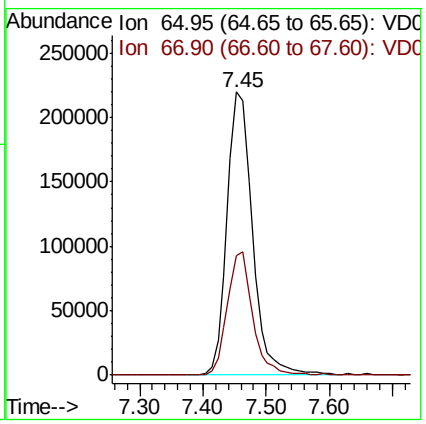


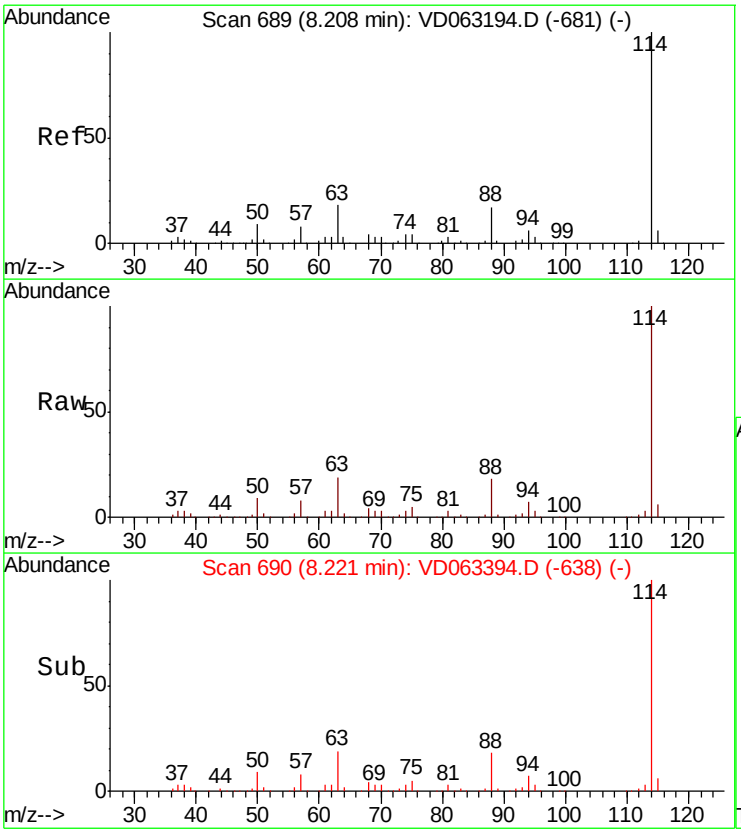
#33
1,2-Dichloroethane-d4
Concen: 46.009 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tgt Ion: 65 Resp: 612324

Ion	Ratio	Lower	Upper
65	100		
67	42.2	0.0	85.8

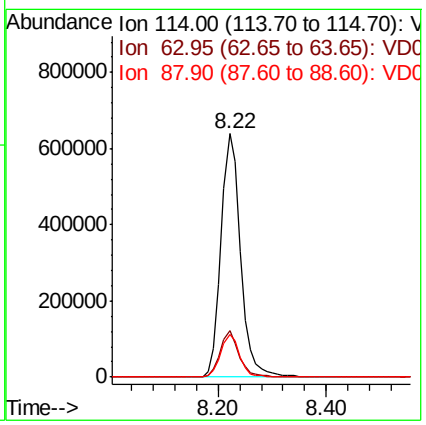


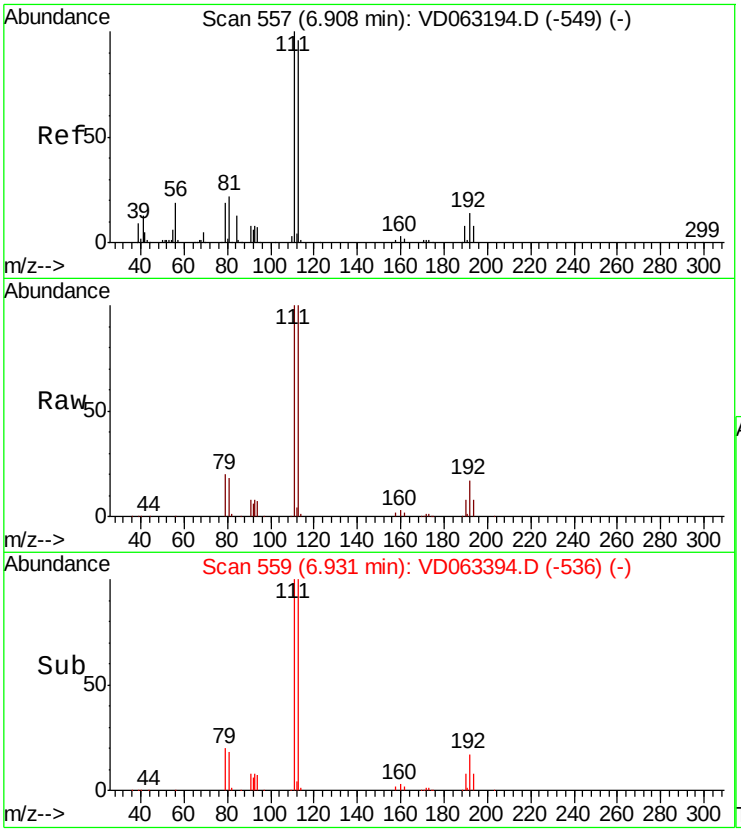


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.01 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Tgt Ion:114 Resp: 1596949

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	35.2
88	17.5	0.0	34.6



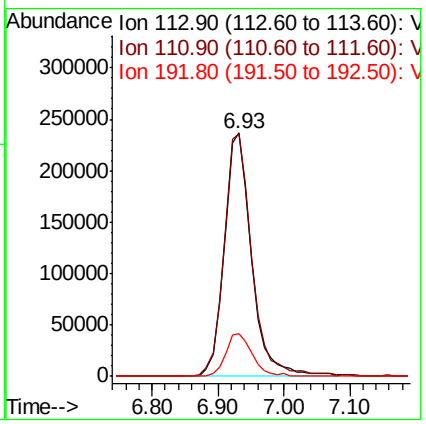


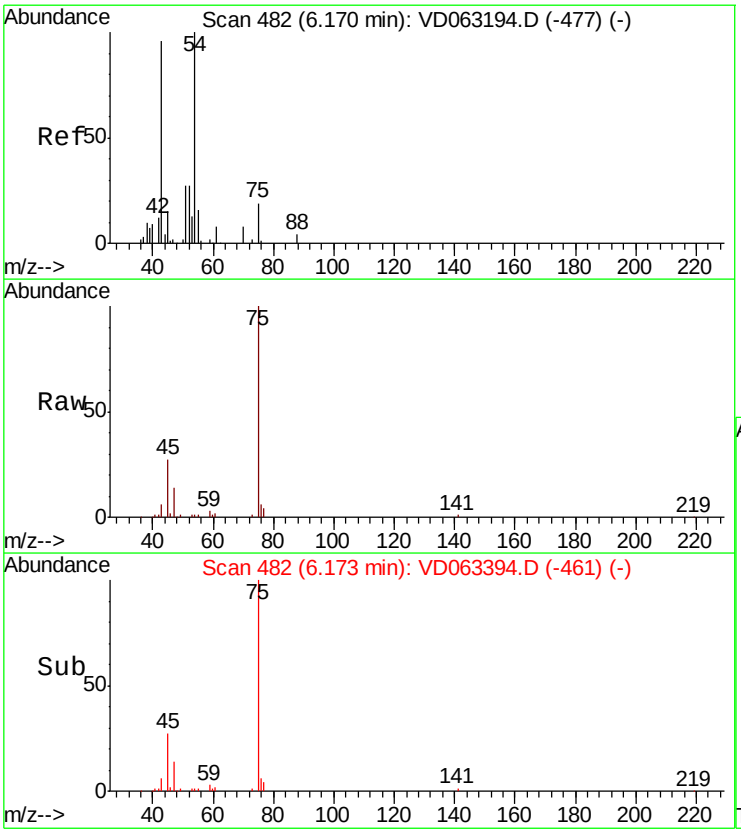
#35
Dibromofluoromethane
Concen: 50.244 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.02 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tgt Ion:113 Resp: 685061

Ion	Ratio	Lower	Upper
113	100		
111	99.6	83.2	124.8
192	17.3	11.8	17.8

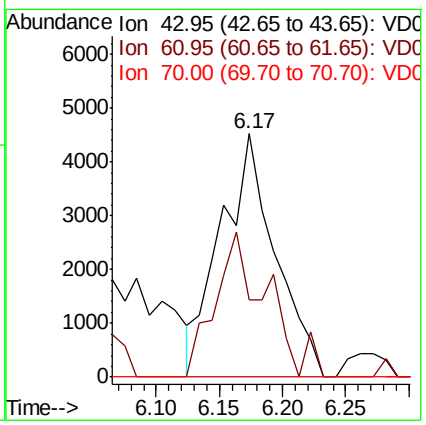


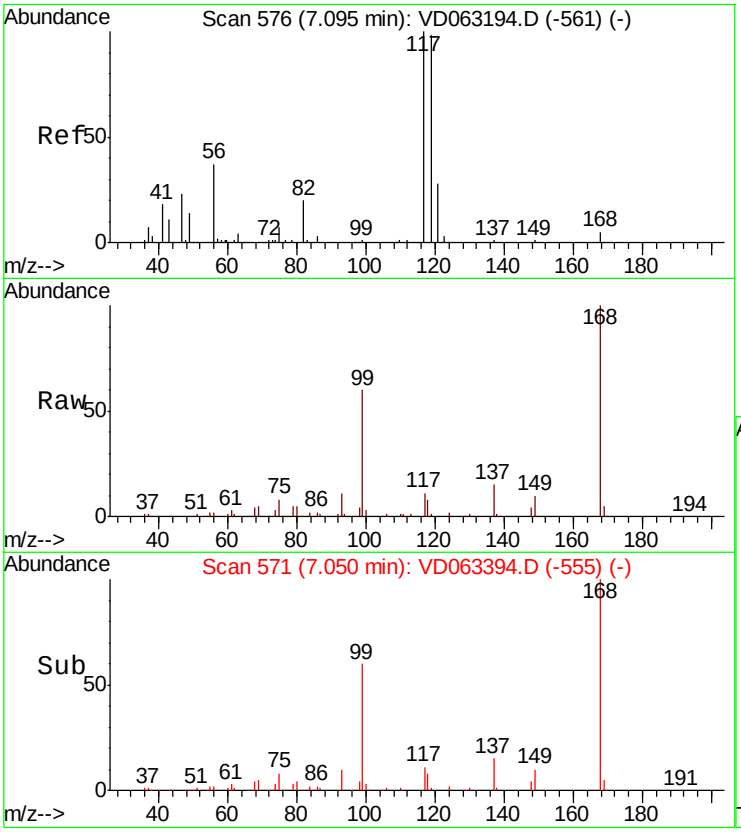


#37
Ethyl Acetate
Concen: 2.063 ug/l
RT: 6.17 min Scan# 482
Delta R.T. 0.00 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Tgt Ion: 43 Resp: 13510

Ion	Ratio	Lower	Upper
43	100		
61	31.6	11.3	16.9#
70	0.0	5.1	7.7#



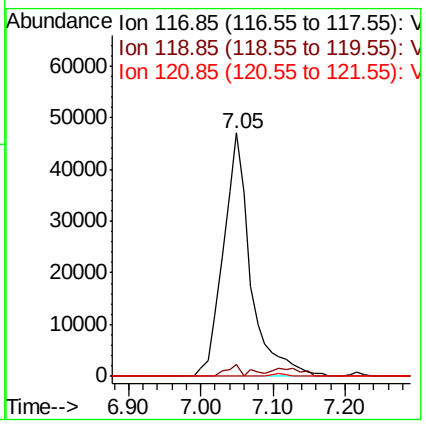


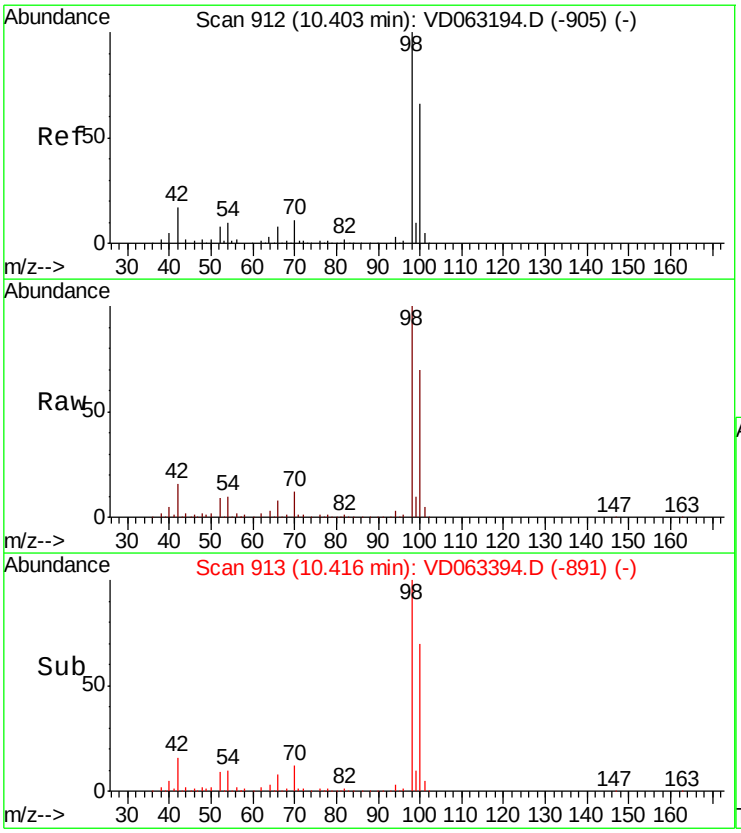
#38
Carbon Tetrachloride
Concen: 5.629 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tgt Ion:117 Resp: 123512

Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.2	117.2#
121	0.0	22.1	33.1#

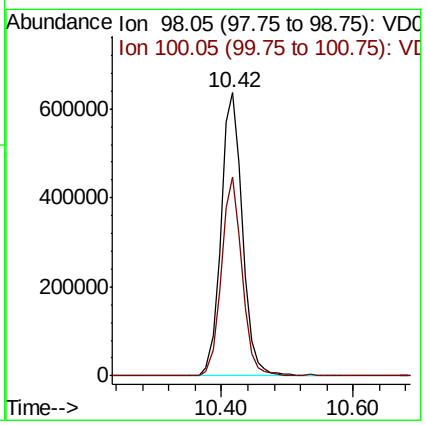


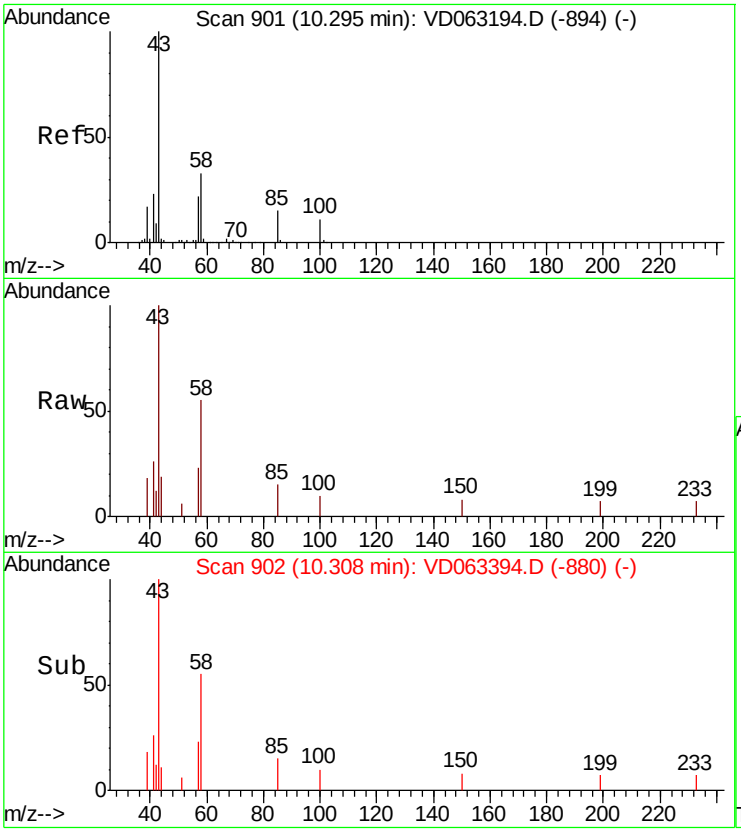


#50
Toluene-d8
Concen: 47.222 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Tgt Ion: 98 Resp: 1440925

Ion	Ratio	Lower	Upper
98	100		
100	70.1	53.2	79.8



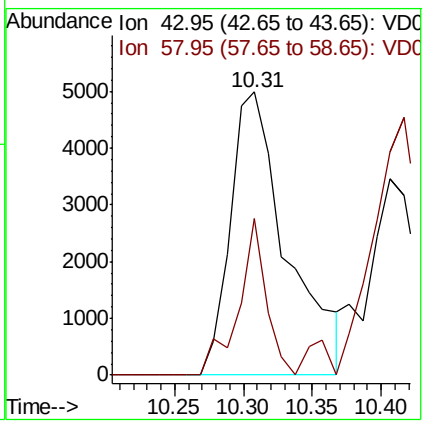


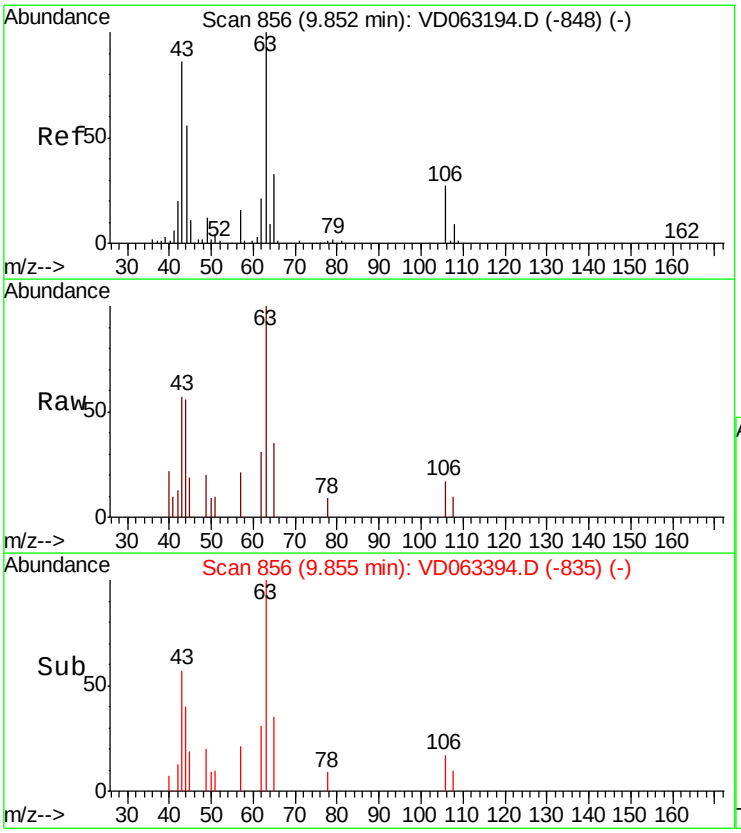
#51
4-Methyl-2-Pentanone
Concen: 2.498 ug/l
RT: 10.31 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Instrument : MSVOA_D
ClientSampleId : VD0806SBL01

Tgt Ion: 43 Resp: 14208

Ion	Ratio	Lower	Upper
43	100		
58	55.3	26.2	39.2#

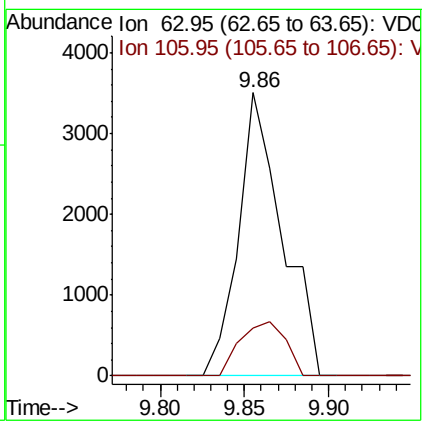


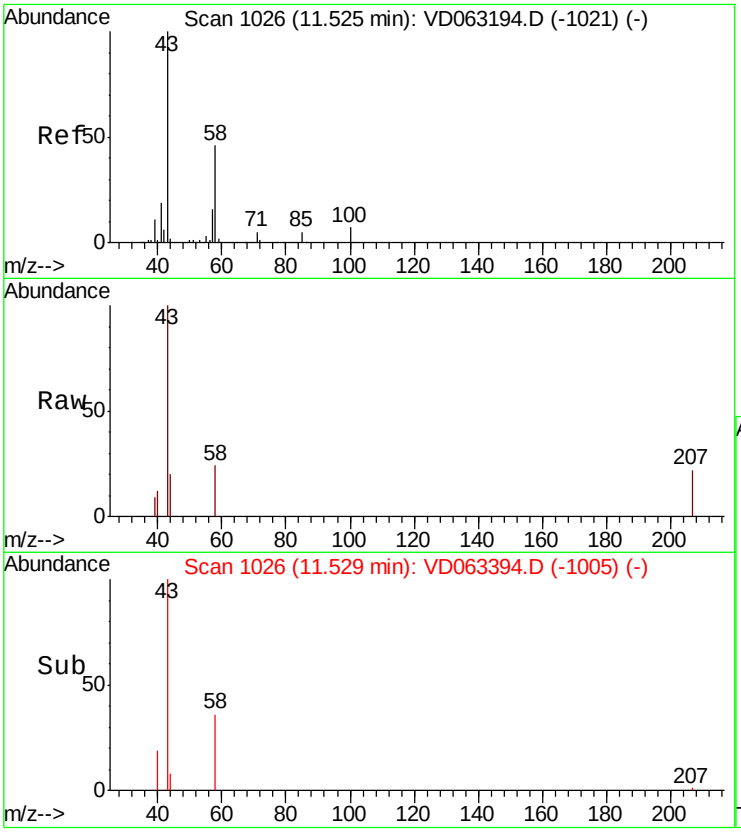


#58
2-Chloroethyl Vinyl ether
Concen: 1.619 ug/l
RT: 9.86 min Scan# 856
Delta R.T. 0.00 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Tgt Ion: 63 Resp: 6328

Ion	Ratio	Lower	Upper
63	100		
106	17.0	22.0	33.0#



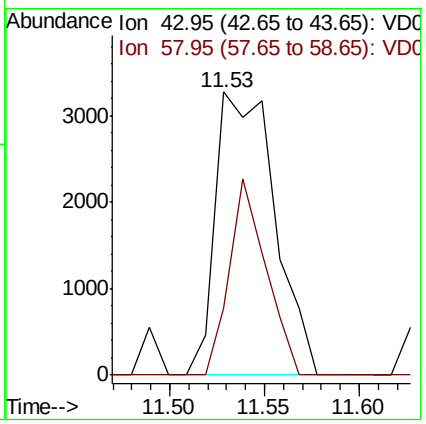


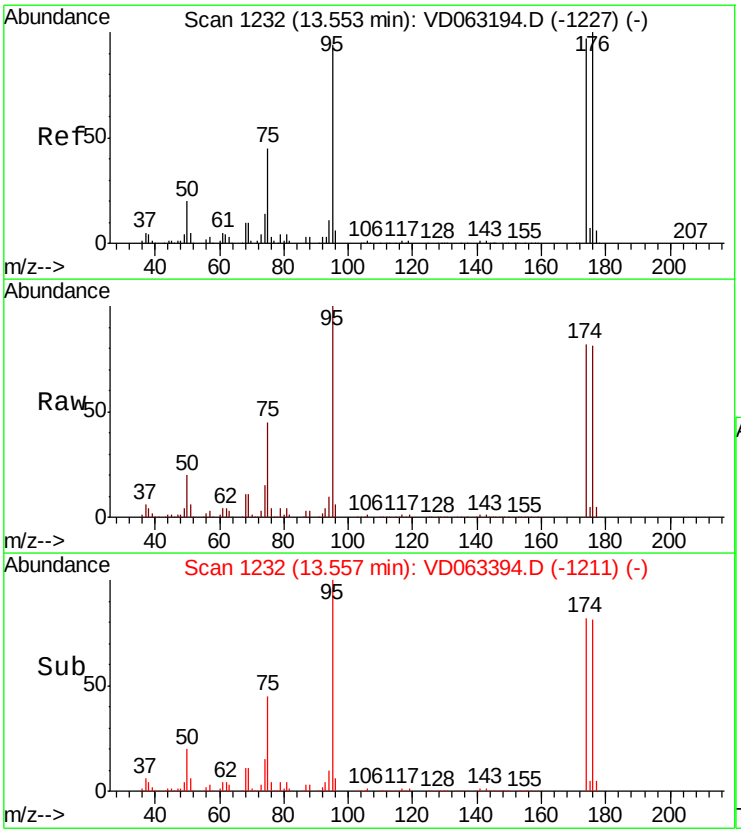
#59
2-Hexanone
Concen: 1.731 ug/l
RT: 11.53 min Scan# 1026
Delta R.T. 0.00 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Instrument : MSVOA_D
ClientSampleId : VD0806SBL01

Tgt Ion: 43 Resp: 7095

Ion	Ratio	Lower	Upper
43	100		
58	23.9	22.9	68.5

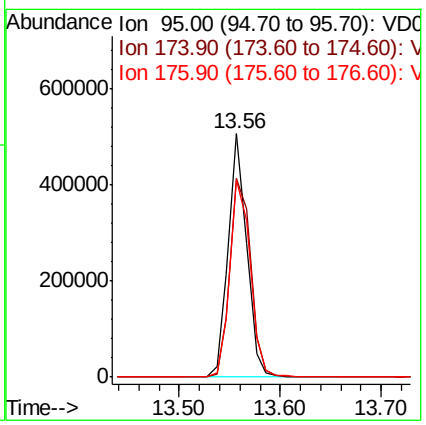


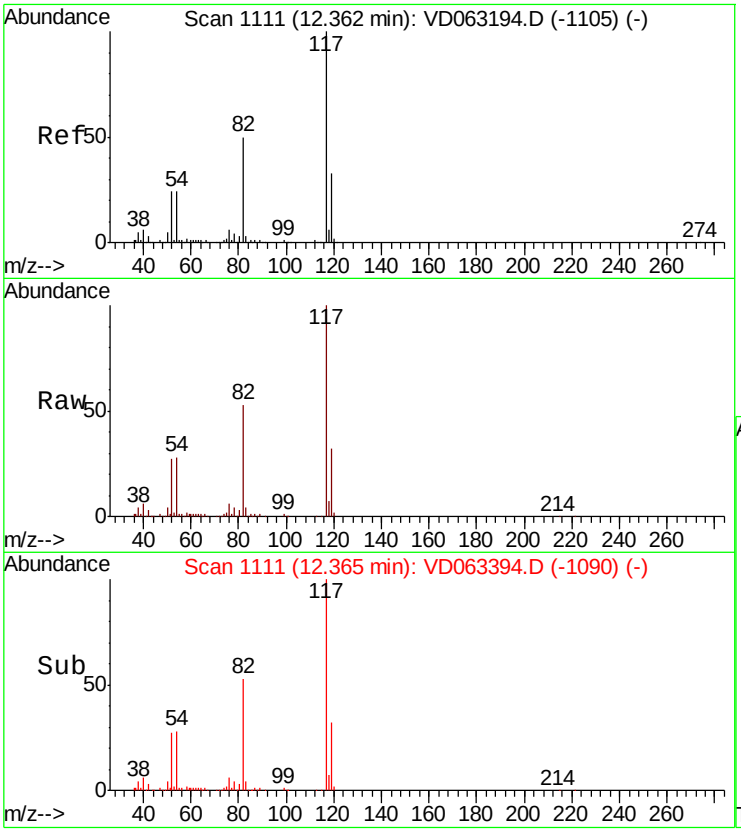


#62
4-Bromofluorobenzene
Concen: 46.173 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Tgt Ion: 95 Resp: 642047

Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	205.4
176	81.2	0.0	211.8



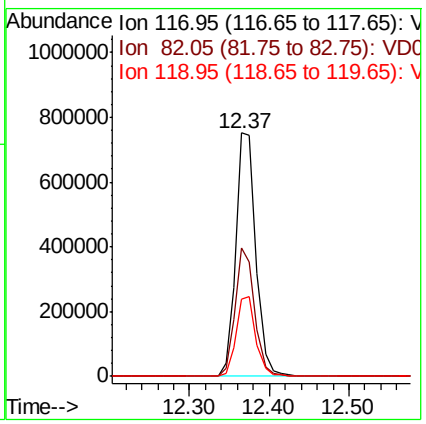


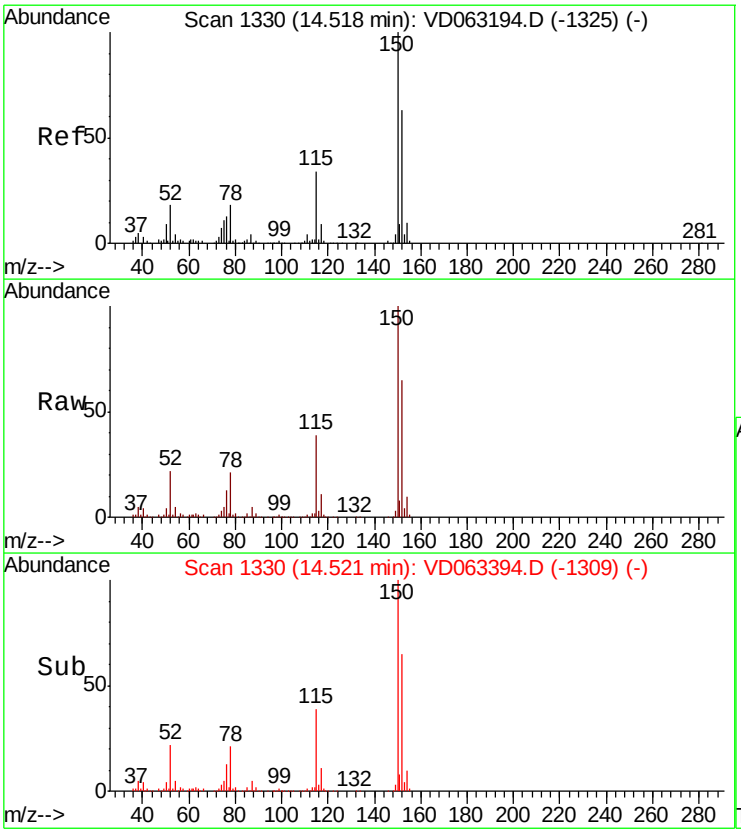
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Instrument : MSVOA_D
ClientSampleId : VD0806SBL01

Tgt Ion:117 Resp: 1324816

Ion	Ratio	Lower	Upper
117	100		
82	53.0	40.1	60.1
119	31.6	26.5	39.7

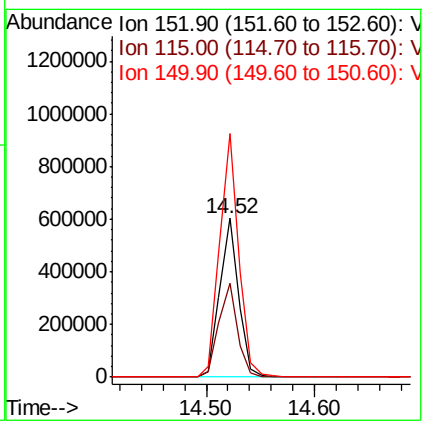


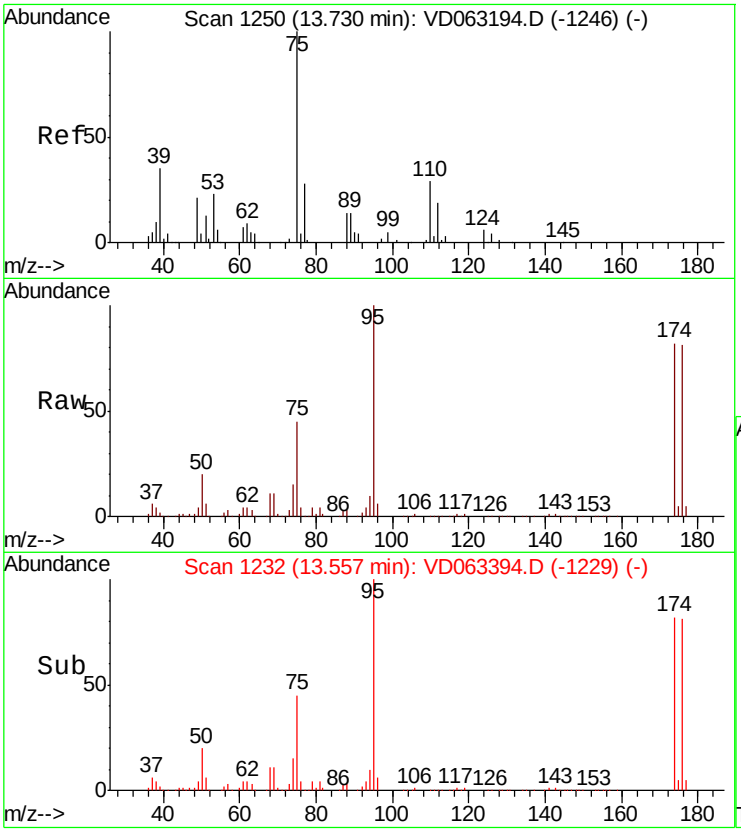


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Tgt Ion:152 Resp: 727556

Ion	Ratio	Lower	Upper
152	100		
115	59.4	27.5	82.4
150	153.2	0.0	320.6



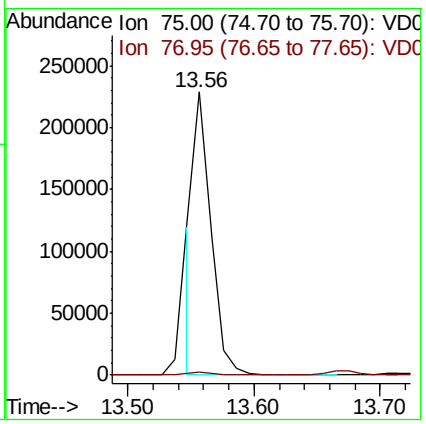


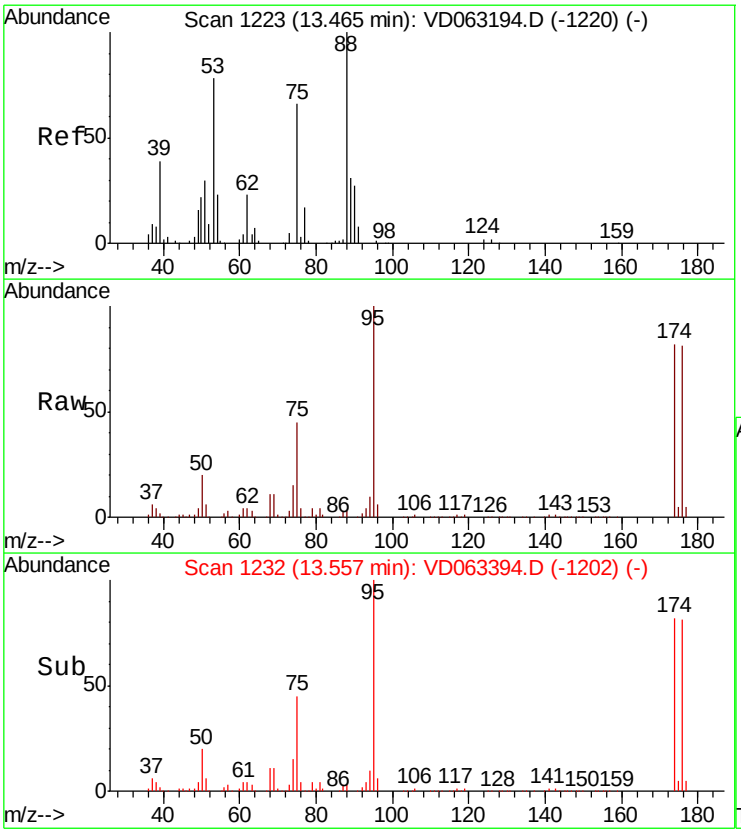
#76
1,2,3-Trichloropropane
Concen: 24.896 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tgt Ion: 75 Resp: 217560

Ion	Ratio	Lower	Upper
75	100		
77	0.9	16.0	48.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 121.607 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.09 min
Lab File: VD063394.D
Acq: 6 Aug 2019 12:54

Tgt Ion: 75 Resp: 295093

Ion	Ratio	Lower	Upper
75	100		
53	0.0	94.9	142.3#
89	0.0	37.4	56.0#