Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081419\
Data File : VD063582.D
Acq On : 14 Aug 2019 18:58
Operator : JC/SY
Sample : K4319-05RE
Misc : 5.65g/5ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Aug 15 12:01:44 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	26069	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	44754	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	45049	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	24815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	19017	68.25	ug/l	-0.02
Spiked Amount 50.000			Recovery = 136.50%			
35) Dibromofluoromethane	6.92	113	16180	42.93	ug/l	-0.02
Spiked Amount 50.000			Recovery = 85.86%			
50) Toluene-d8	10.41	98	34204	41.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.56%			
62) 4-Bromofluorobenzene	13.55	95	19793	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.40%			
Target Compounds						Qvalue
3) Chloromethane	1.75	50	1086	4.407	ug/l #	66
4) Vinyl Chloride	1.95	62	306	1.251	ug/l #	42
5) Bromomethane	2.16	94	740	6.411	ug/l #	11
6) Chloroethane	2.29	64	236	2.110	ug/l	96
8) Diethyl Ether	2.78	74	210	3.100	ug/l #	1
10) Methyl Iodide	3.31	142	553	1.379	ug/l #	29
13) Acrolein	2.98	56	281	23.534	ug/l	84
16) Acetone	3.22	43	7372	130.143	ug/l #	65
18) Methyl Acetate	3.65	43	276	2.572	ug/l #	57
20) Methylene Chloride	3.82	84	1868	7.626	ug/l #	79
25) 2-Butanone	6.02	43	269	4.808	ug/l #	58
29) Tetrahydrofuran	6.47	42	380	14.577	ug/l #	52
37) Ethyl Acetate	6.15	43	185	1.116	ug/l #	73
38) Carbon Tetrachloride	7.05	117	2093	3.510	ug/l #	13
45) 1,2-Dichloropropane	8.88	63	269	1.327	ug/l #	47
48) Methyl methacrylate	8.95	41	207	1.375	ug/l #	18
51) 4-Methyl-2-Pentanone	10.42	43	194	1.277	ug/l #	40
81) trans-1,4-Dichloro-2-buten	13.55	75	8396	109.687	ug/l #	1

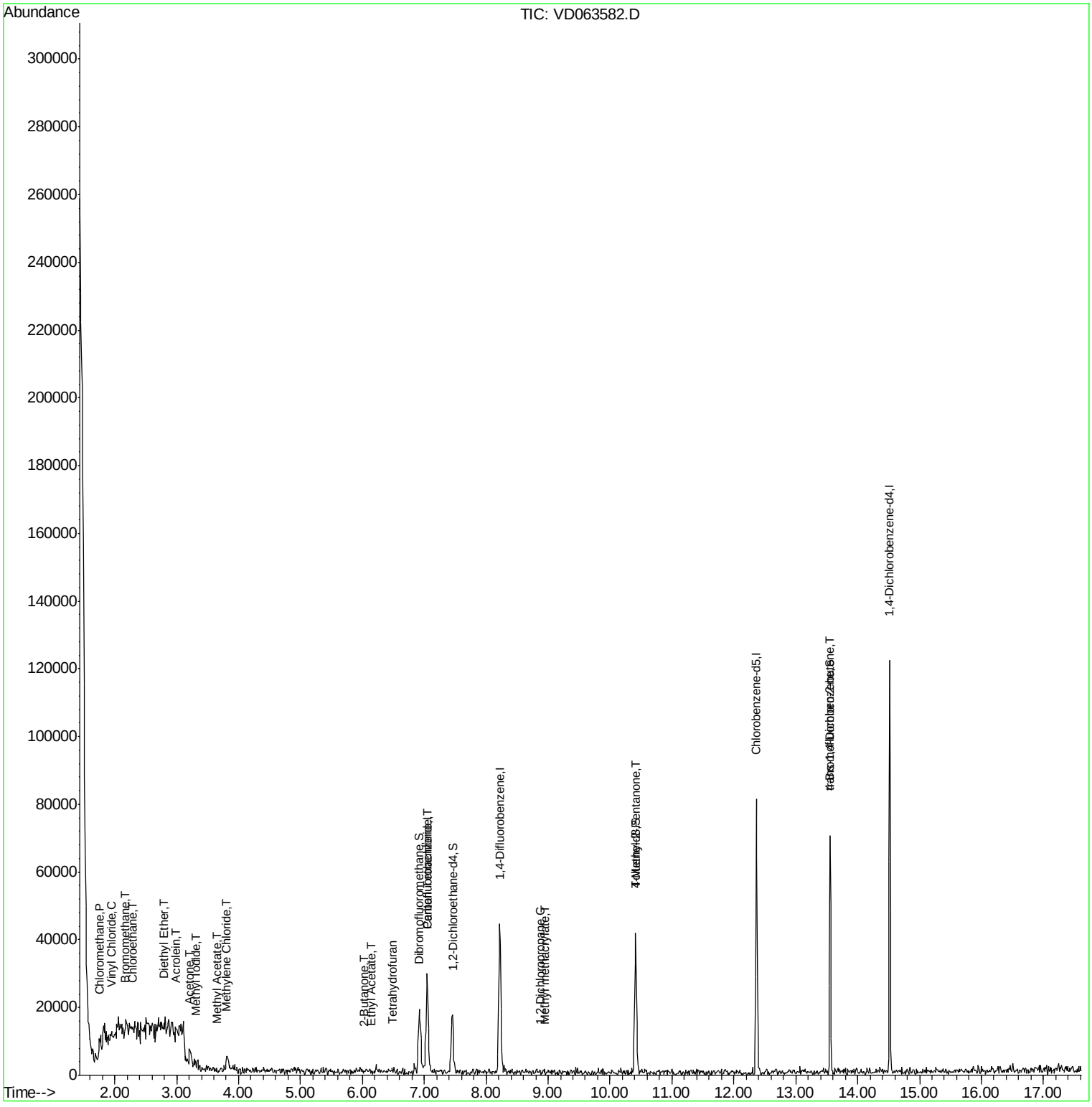
(#) = qualifier out of range (m) = manual integration (+) = signals summed

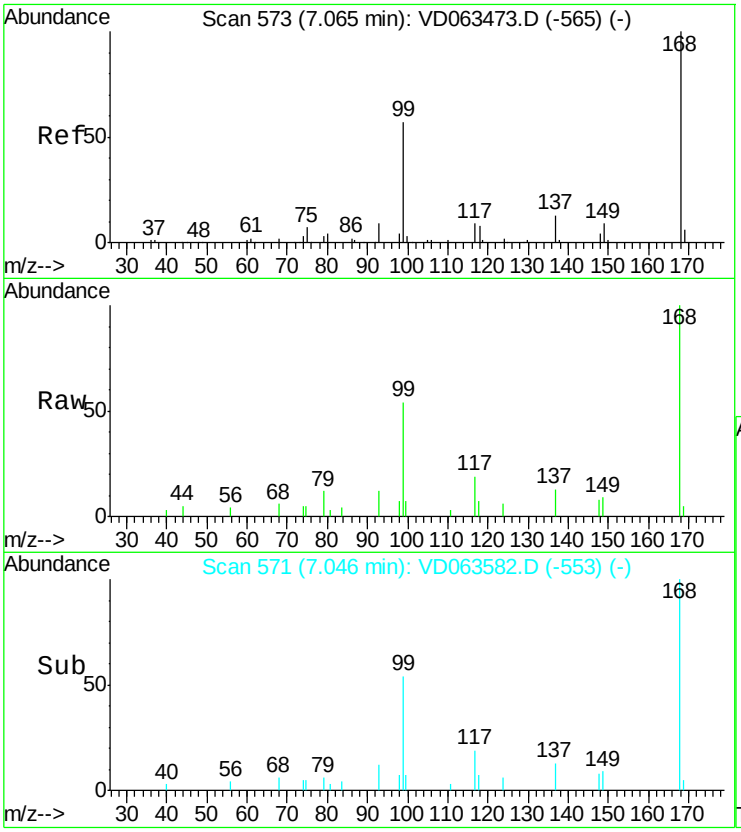
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
Data File : VD063582.D
Acq On : 14 Aug 2019 18:58
Operator : JC/SY
Sample : K4319-05RE
Misc : 5.65g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 15 12:01:44 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



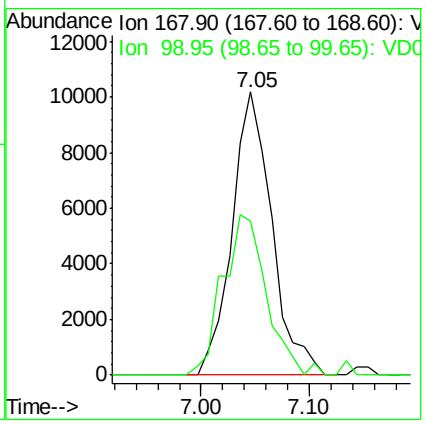


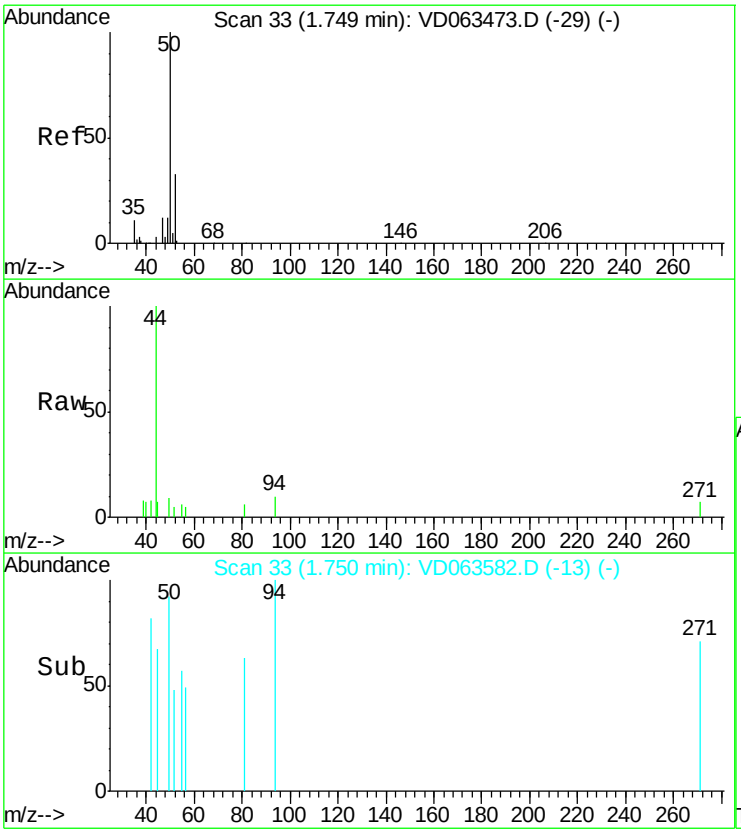
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.02 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 26069

Ion	Ratio	Lower	Upper
168	100		
99	60.8	46.7	70.1

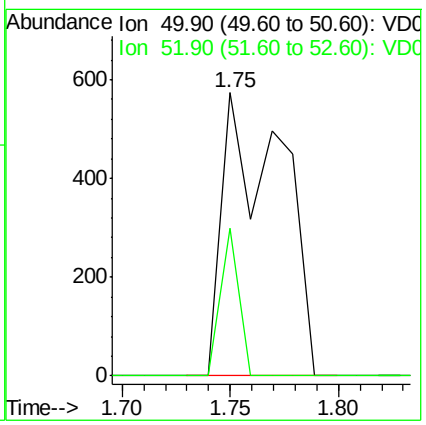


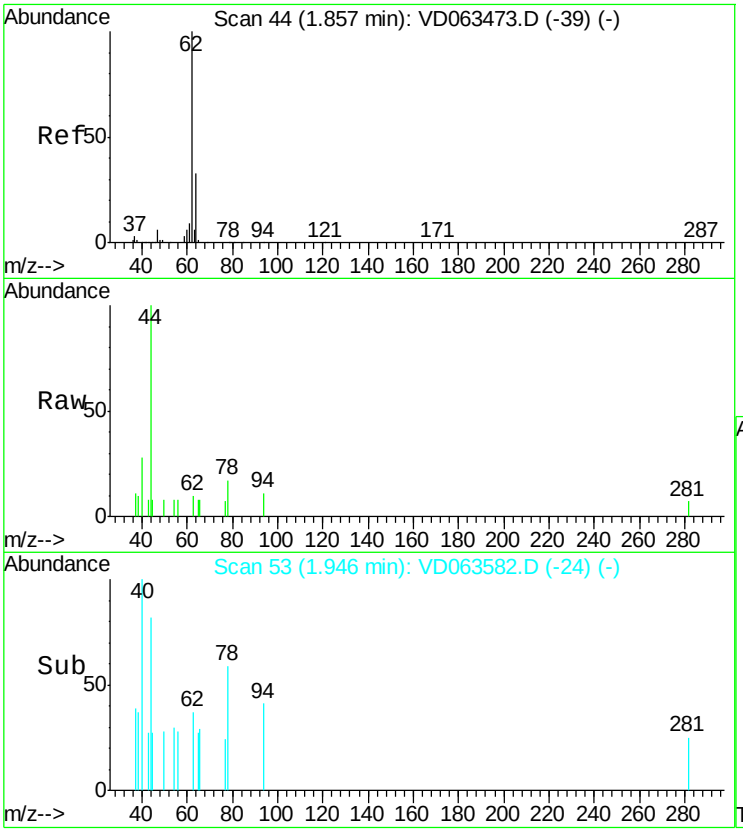


#3
Chloromethane
Concen: 4.407 ug/l
RT: 1.75 min Scan# 33
Delta R.T. 0.00 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Tgt Ion: 50 Resp: 1086

Ion	Ratio	Lower	Upper
50	100		
52	52.4	26.6	40.0#



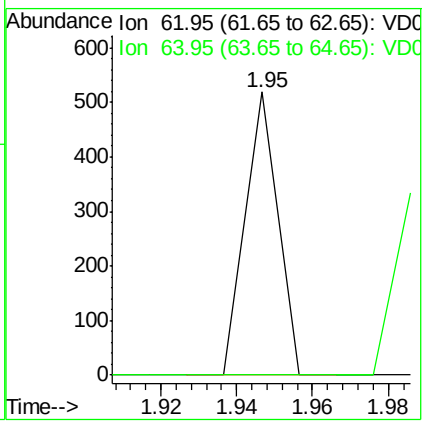


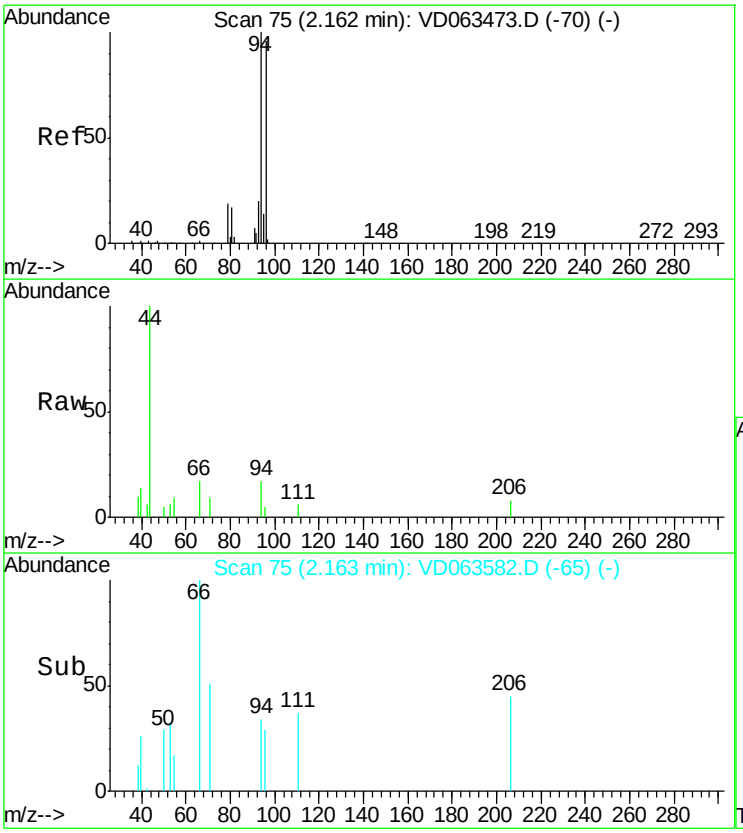
#4
Vinyl Chloride
Concen: 1.251 ug/l
RT: 1.95 min Scan# 53
Delta R.T. 0.09 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 62 Resp: 306

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.4	39.6#

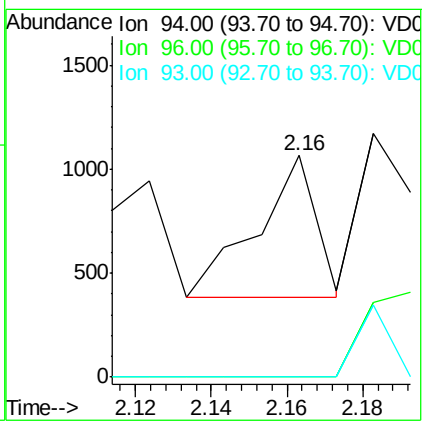


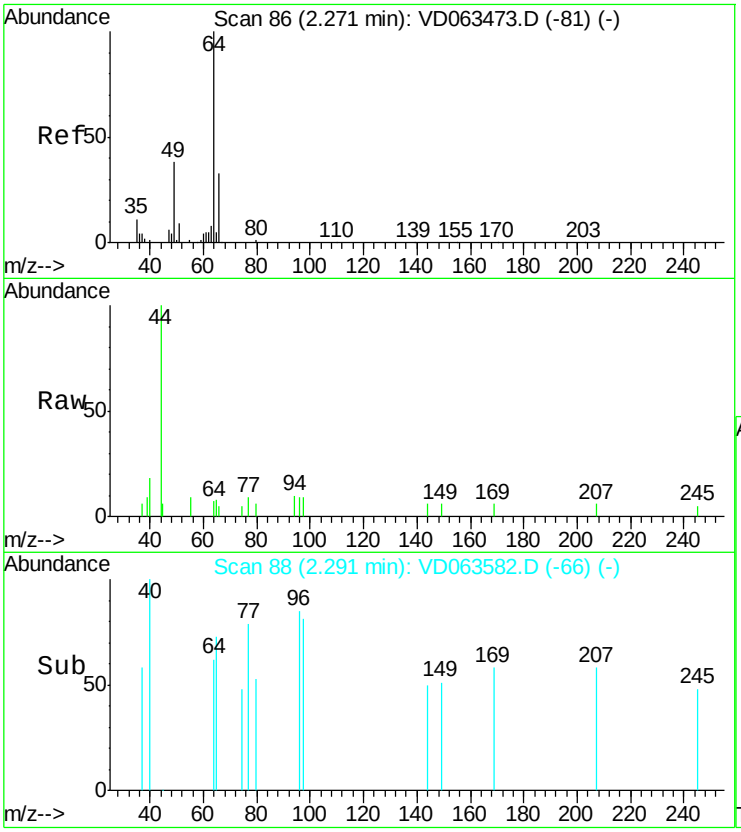


#5
Bromomethane
Concen: 6.411 ug/l
RT: 2.16 min Scan# 75
Delta R.T. 0.00 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Tgt Ion: 94 Resp: 740

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



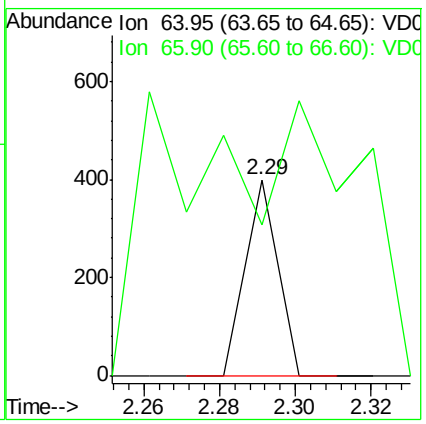


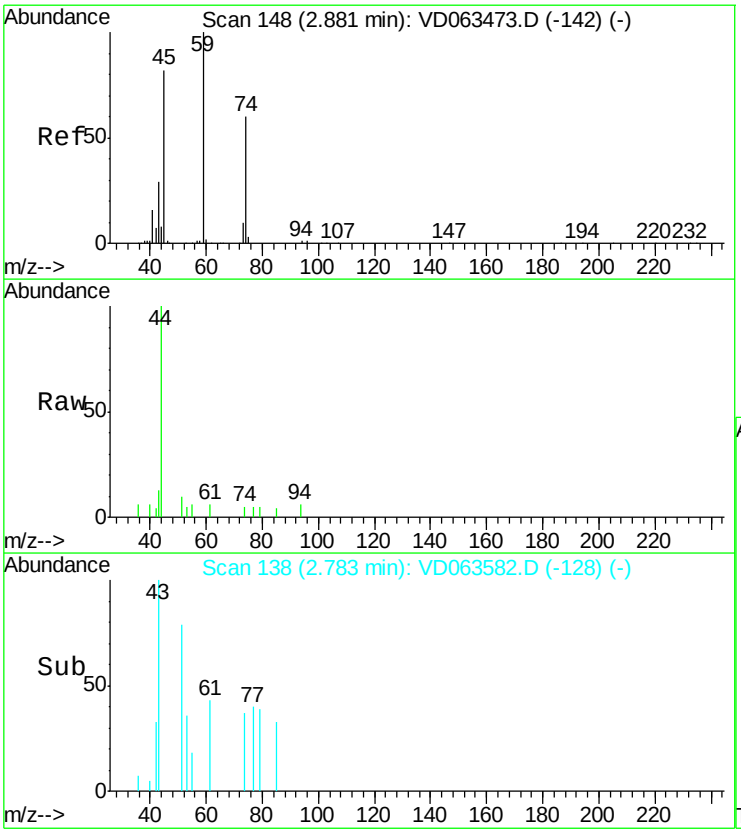
#6
Chloroethane
Concen: 2.110 ug/l
RT: 2.29 min Scan# 88
Delta R.T. 0.02 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 64 Resp: 236

Ion	Ratio	Lower	Upper
64	100		
66	35.3	26.3	39.5

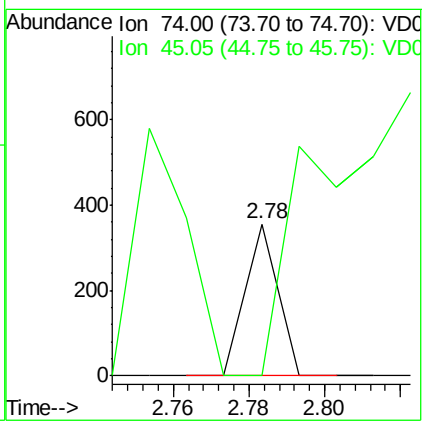


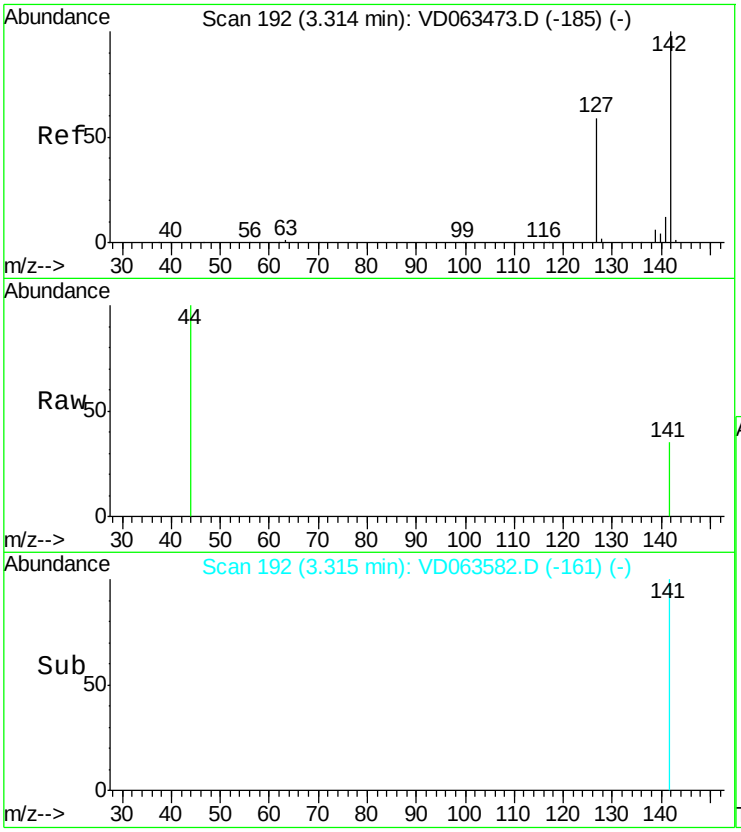


#8
Diethyl Ether
Concen: 3.100 ug/l
RT: 2.78 min Scan# 138
Delta R.T. -0.10 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Tgt Ion: 74 Resp: 210

Ion	Ratio	Lower	Upper
74	100		
45	0.0	68.5	205.5#



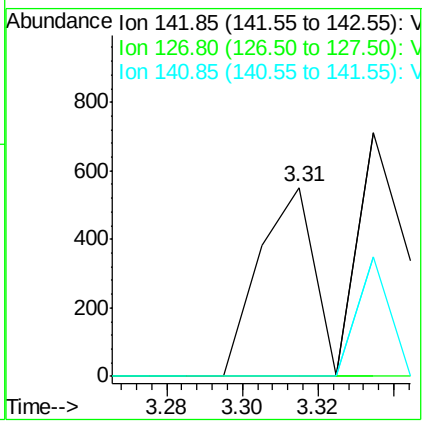


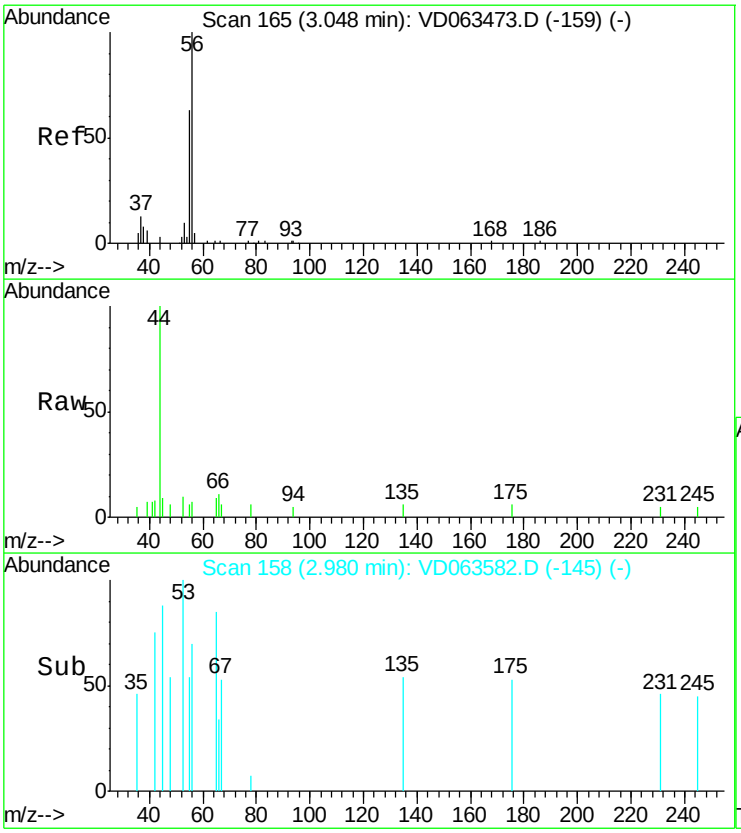
#10
Methyl Iodide
Concen: 1.379 ug/l
RT: 3.31 min Scan# 192
Delta R.T. 0.00 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:142 Resp: 553

Ion	Ratio	Lower	Upper
142	100		
127	0.0	47.2	70.8#
141	0.0	9.8	14.8#

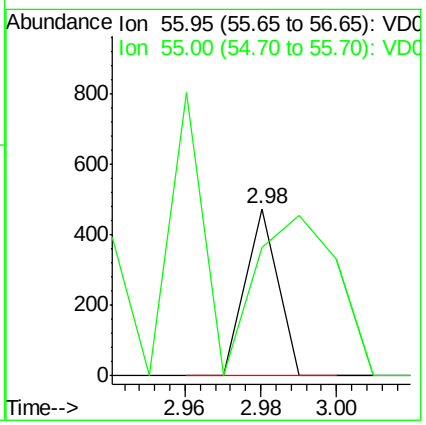


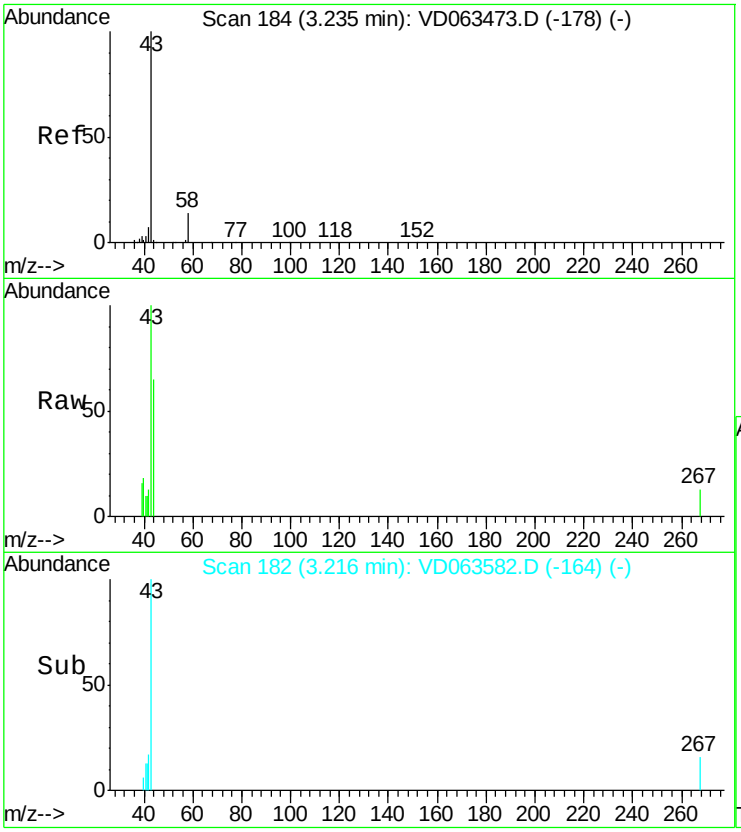


#13
Acrolein
Concen: 23.534 ug/l
RT: 2.98 min Scan# 158
Delta R.T. -0.07 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Tgt Ion: 56 Resp: 281

Ion	Ratio	Lower	Upper
56	100		
55	76.5	51.3	76.9



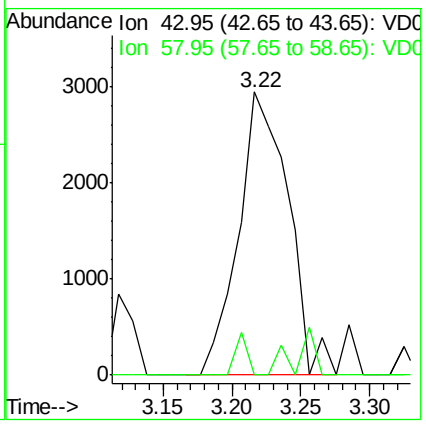


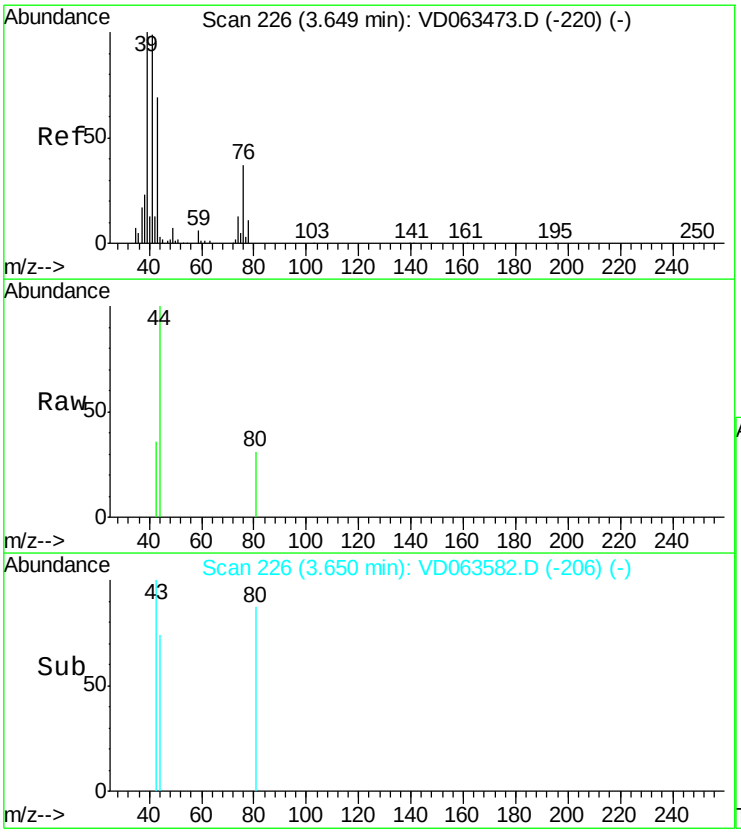
#16
Acetone
Concen: 130.143 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.02 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 7372

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.4	17.2#

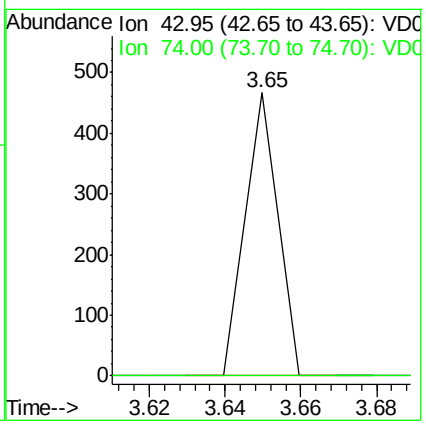


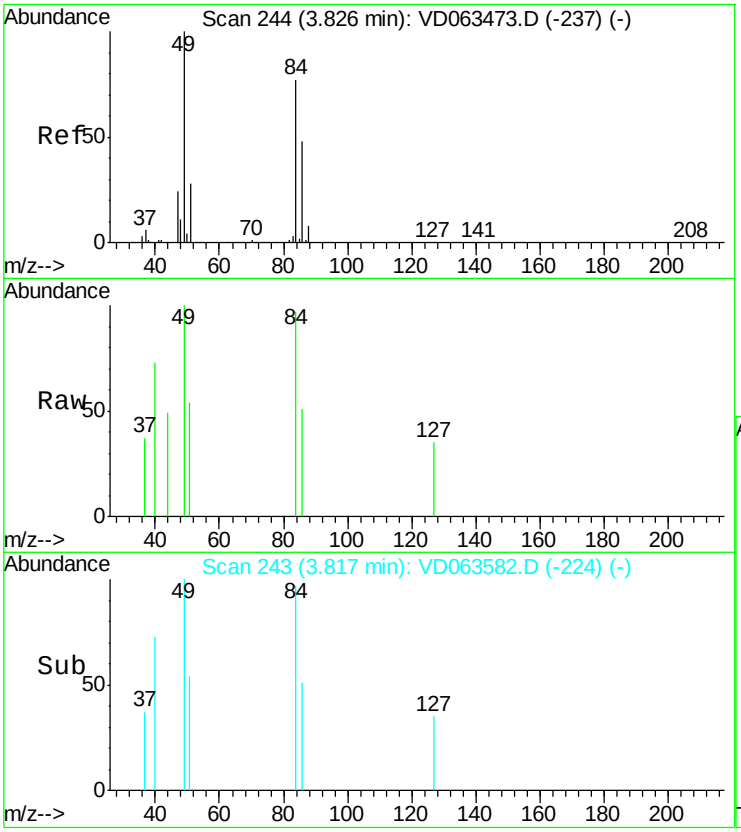


#18
Methyl Acetate
Concen: 2.572 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.00 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Tgt Ion: 43 Resp: 276

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.4	23.2#



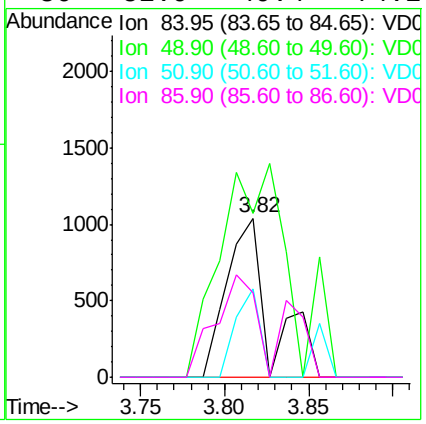


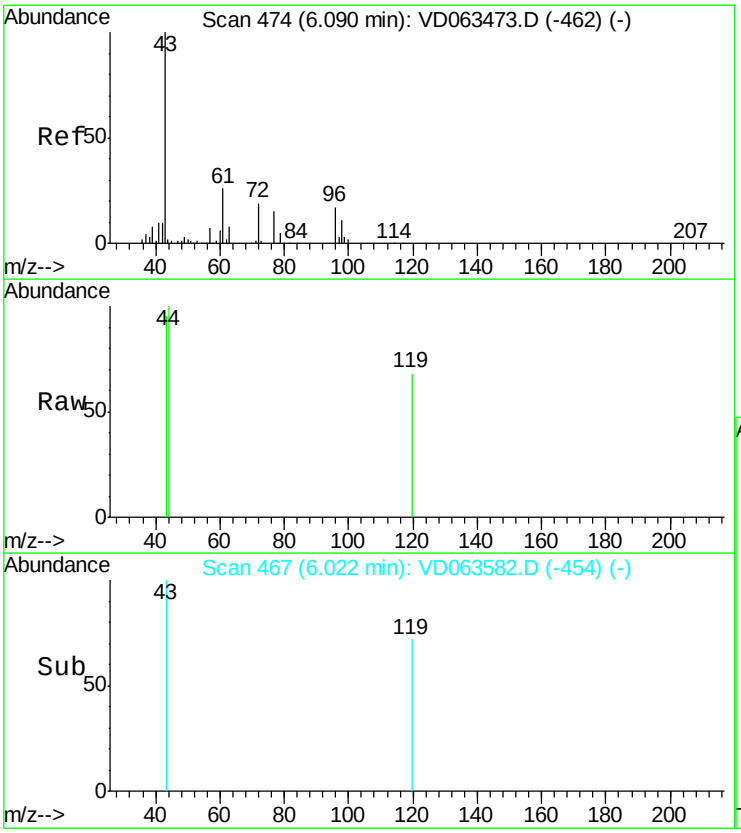
#20
Methylene Chloride
Concen: 7.626 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 1868

Ion	Ratio	Lower	Upper
84	100		
49	103.0	103.4	155.2#
51	55.5	28.5	42.7#
86	52.9	49.4	74.2

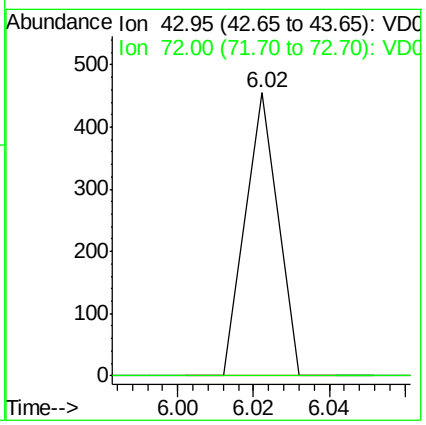


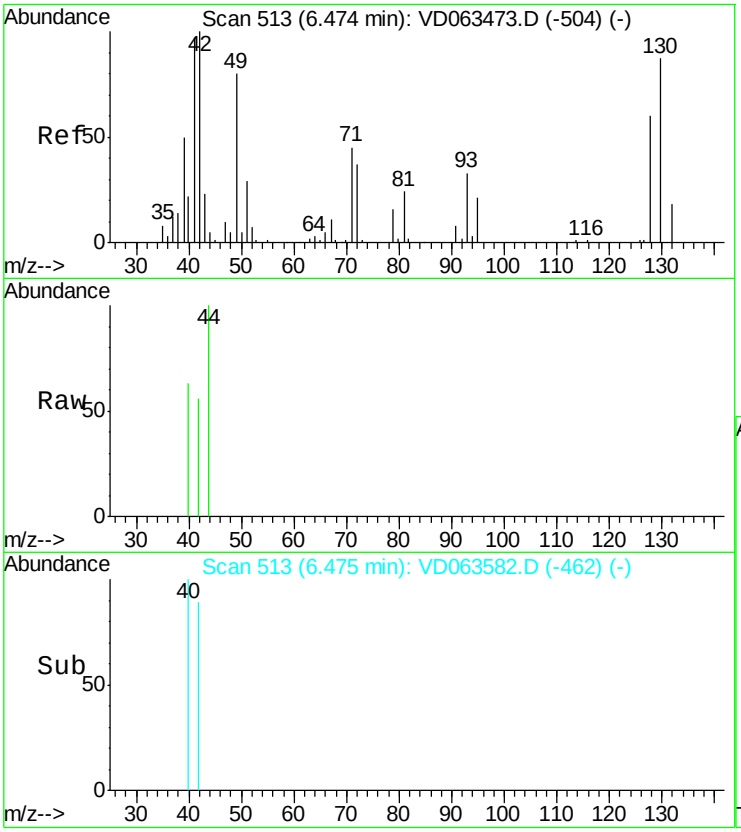


#25
2-Butanone
Concen: 4.808 ug/l
RT: 6.02 min Scan# 467
Delta R.T. -0.07 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Tgt Ion: 43 Resp: 269

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.1	22.7#



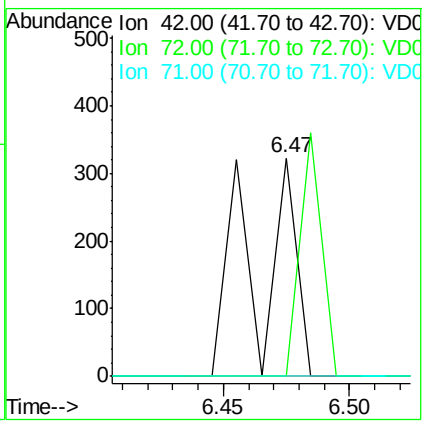


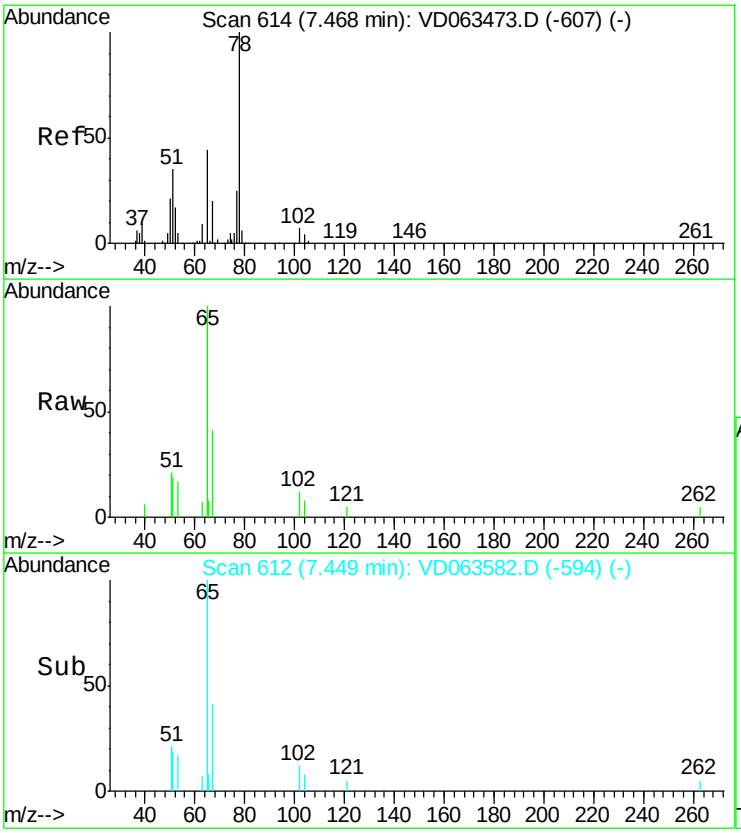
#29
Tetrahydrofuran
Concen: 14.577 ug/l
RT: 6.47 min Scan# 513
Delta R.T. 0.00 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 380

Ion	Ratio	Lower	Upper
42	100		
72	56.1	31.5	47.3#
71	0.0	33.8	50.8#

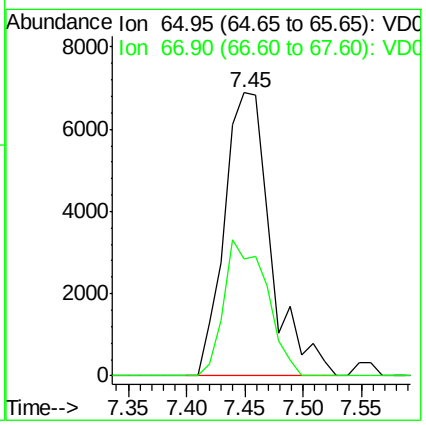


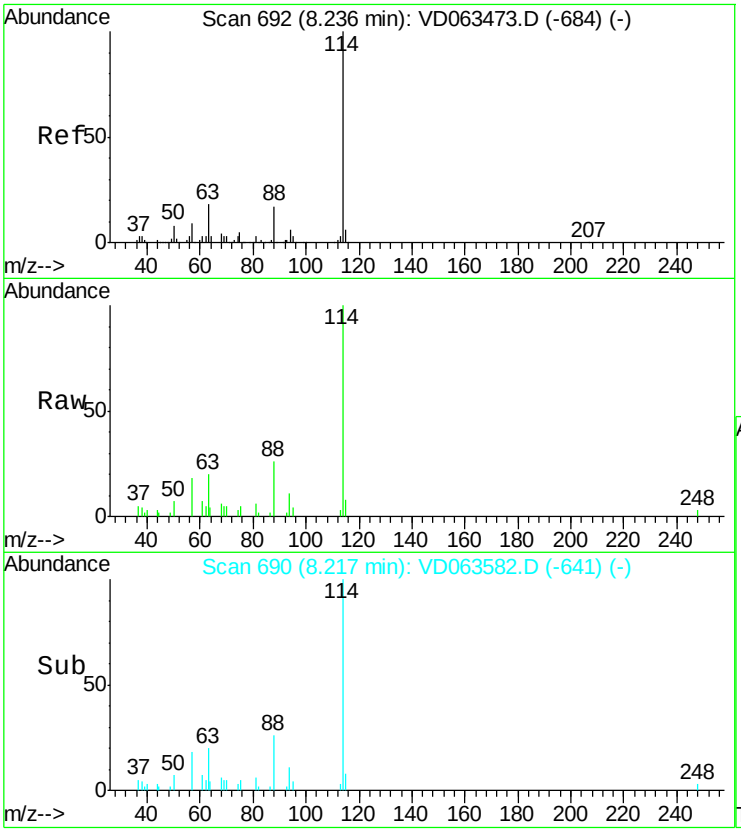


#33
1,2-Dichloroethane-d4
Concen: 68.245 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Tgt Ion: 65 Resp: 19017

Ion	Ratio	Lower	Upper
65	100		
67	41.2	0.0	89.2



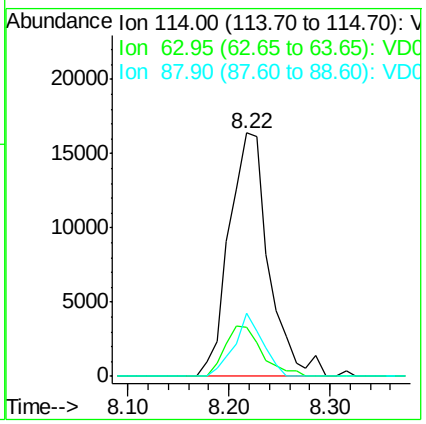


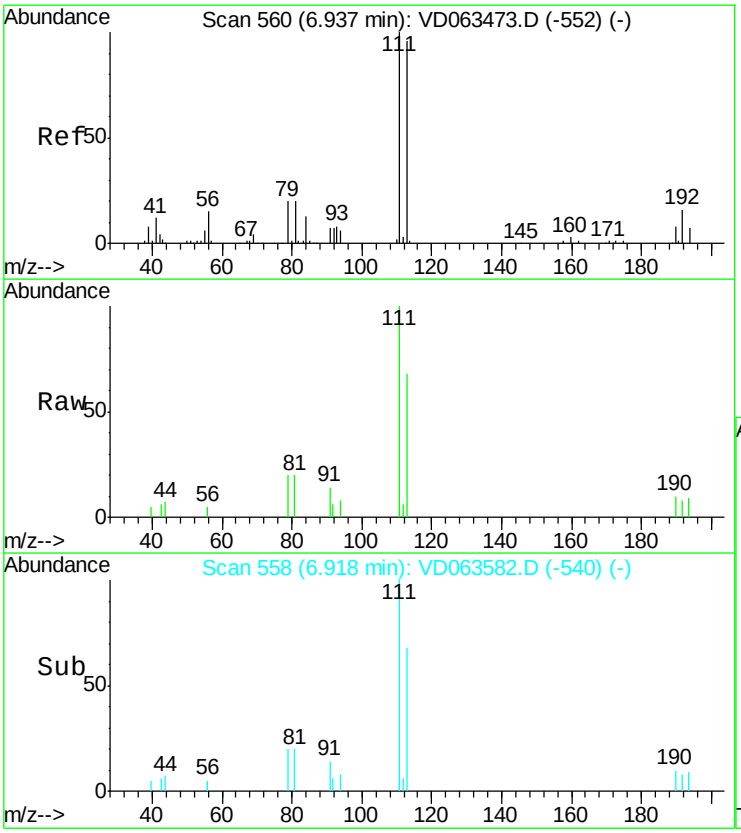
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.02 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 44754

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	36.2
88	25.8	0.0	35.0

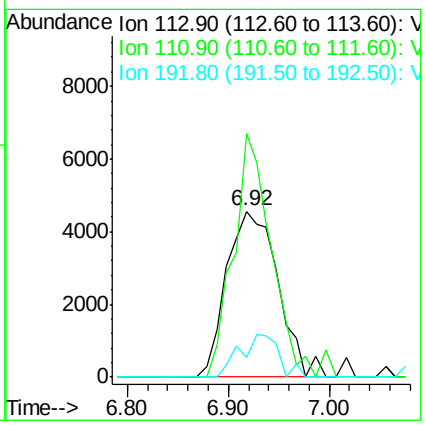


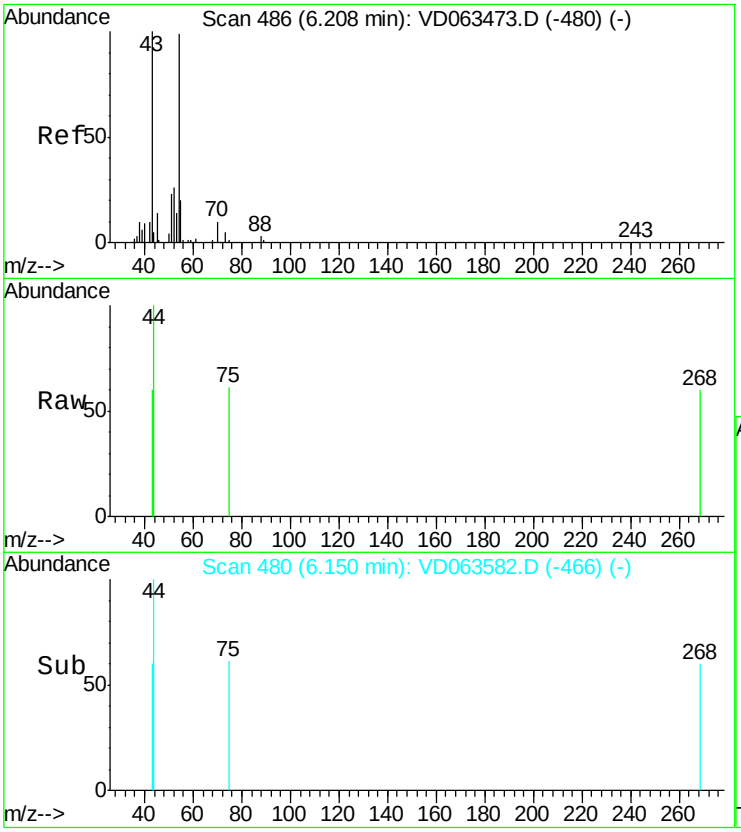


#35
Dibromofluoromethane
Concen: 42.927 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Tgt Ion:113 Resp: 16180

Ion	Ratio	Lower	Upper
113	100		
111	146.6	83.1	124.7#
192	11.6	13.1	19.7#



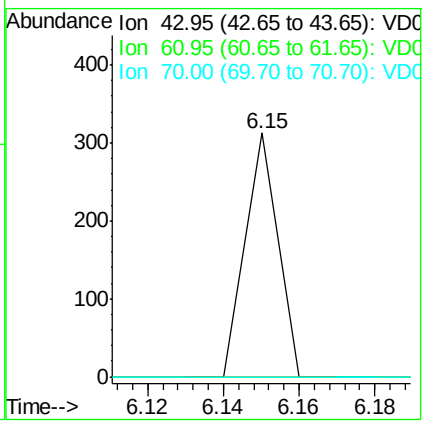


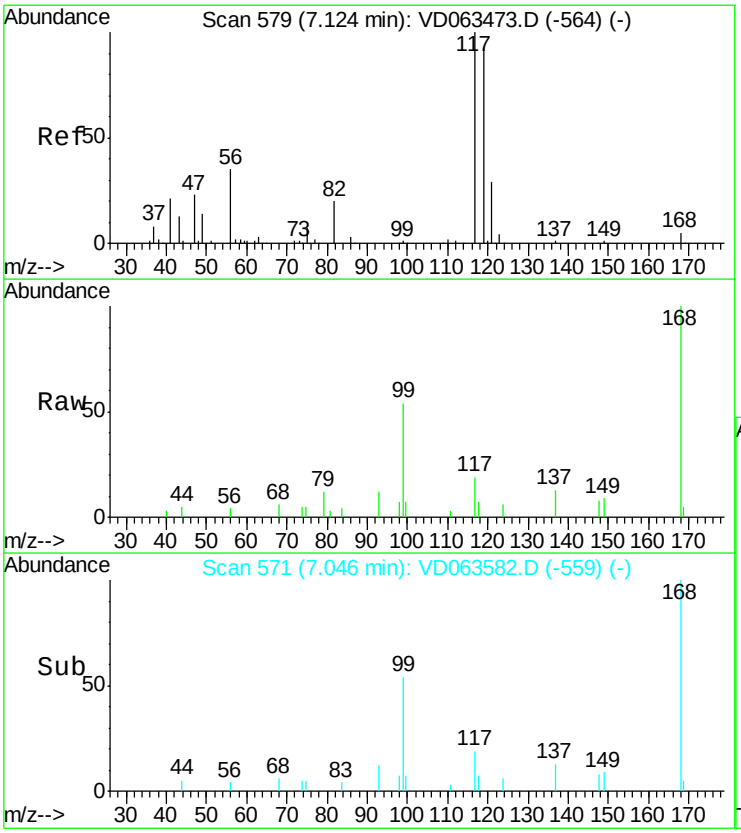
#37
Ethyl Acetate
Concen: 1.116 ug/l
RT: 6.15 min Scan# 480
Delta R.T. -0.06 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 185

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

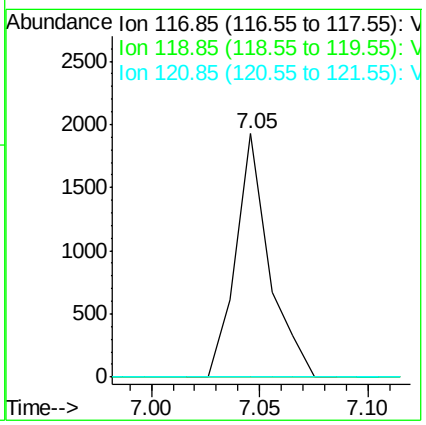


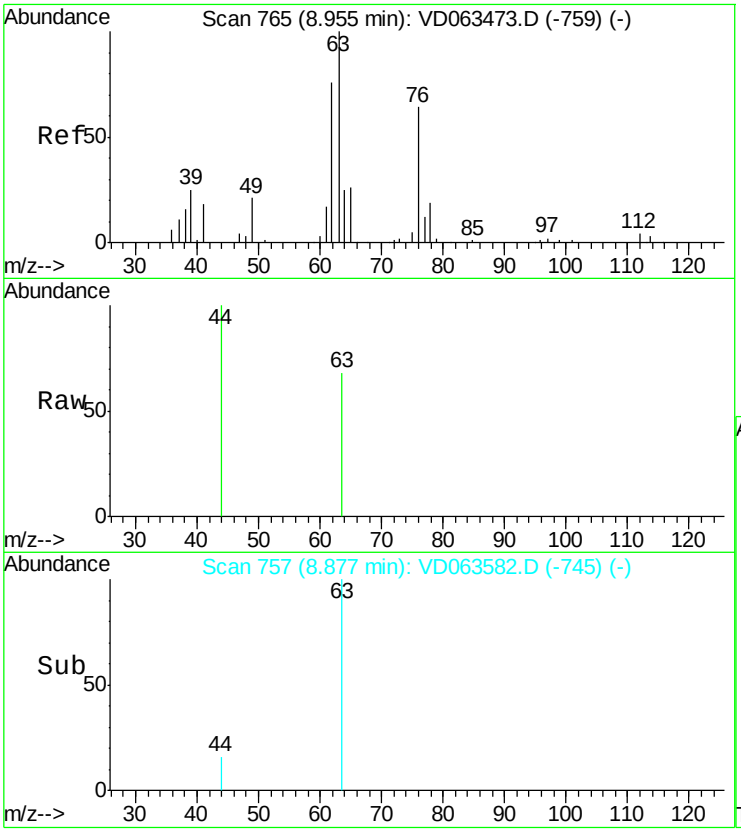


#38
Carbon Tetrachloride
Concen: 3.510 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Tgt Ion:117 Resp: 2093

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



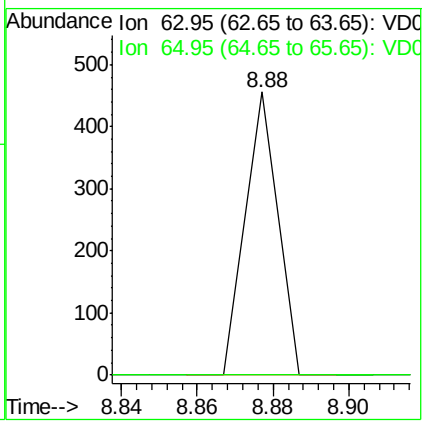


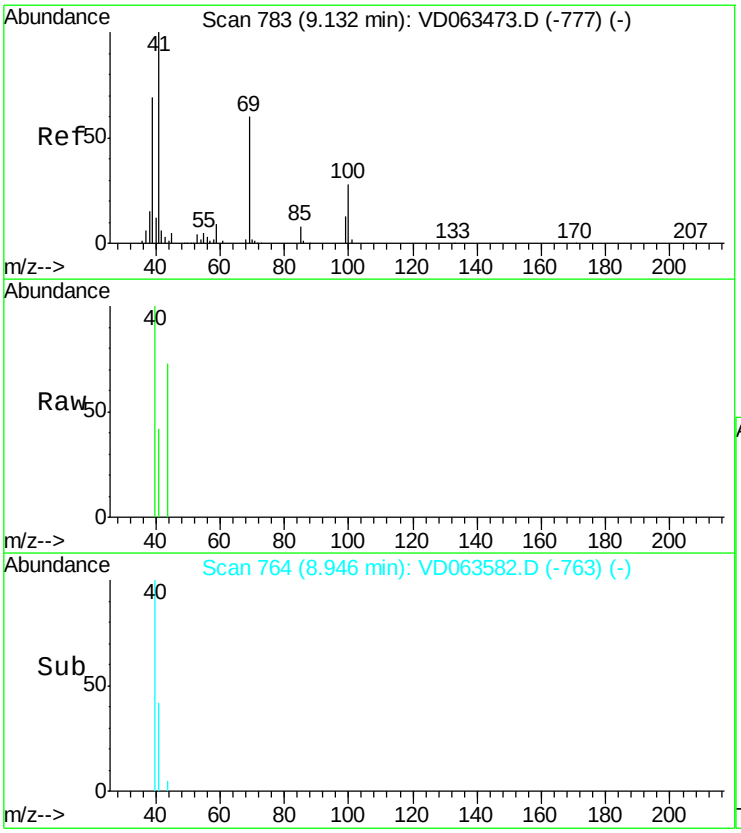
#45
1,2-Dichloropropane
Concen: 1.327 ug/l
RT: 8.88 min Scan# 757
Delta R.T. -0.08 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 269

Ion	Ratio	Lower	Upper
63	100		
65	0.0	22.5	33.7#

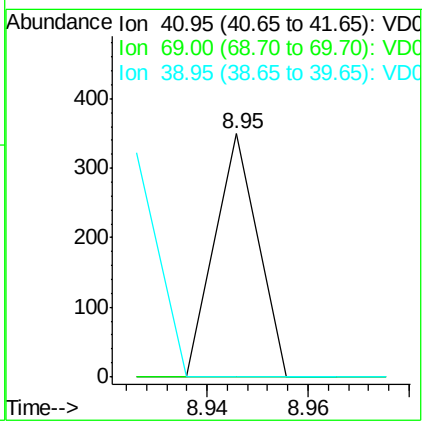


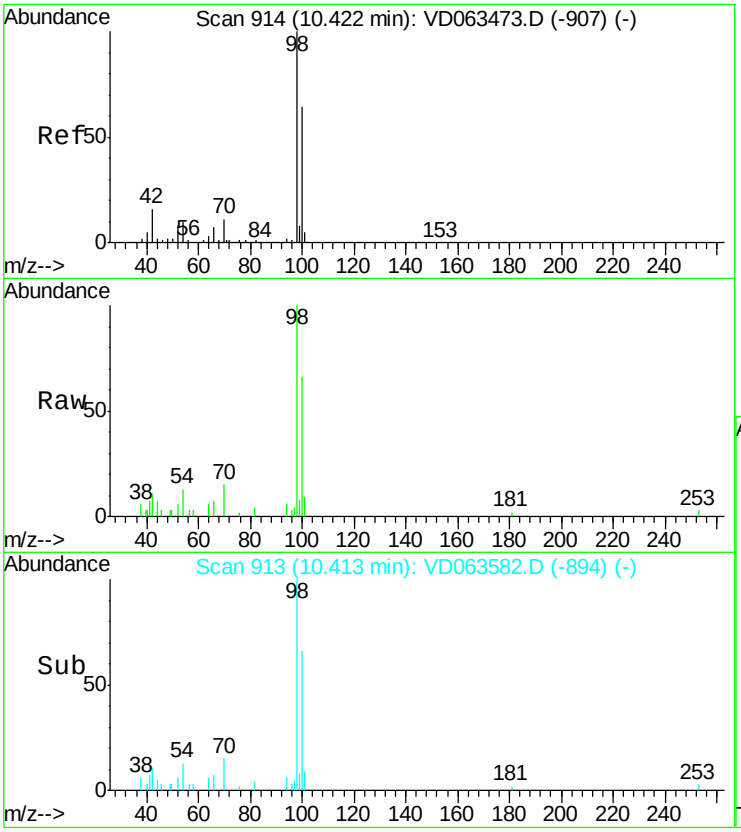


#48
Methyl methacrylate
Concen: 1.375 ug/l
RT: 8.95 min Scan# 764
Delta R.T. -0.19 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

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#



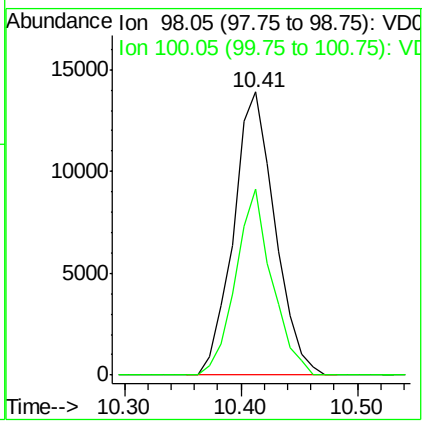


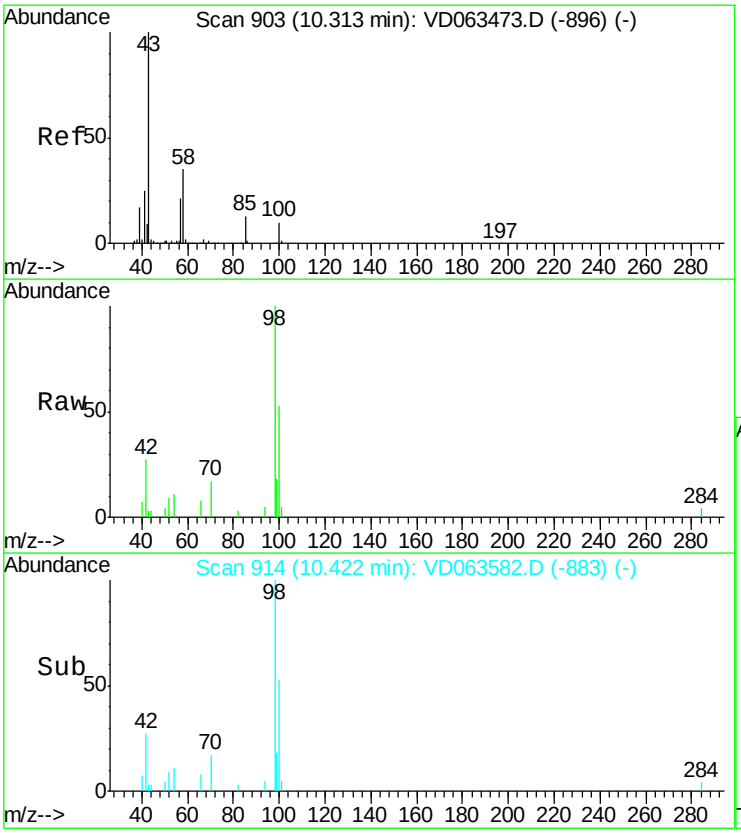
#50
Toluene-d8
Concen: 41.275 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 34204

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.7	77.5

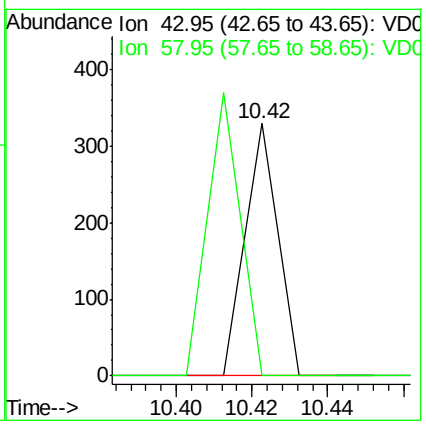


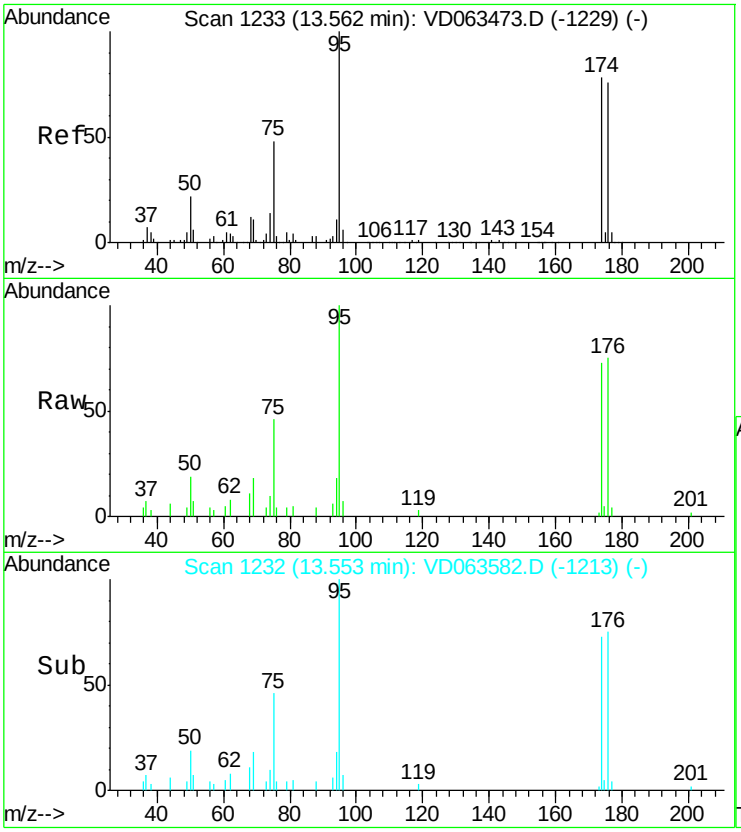


#51
4-Methyl-2-Pentanone
Concen: 1.277 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.11 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Tgt Ion: 43 Resp: 194

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0#



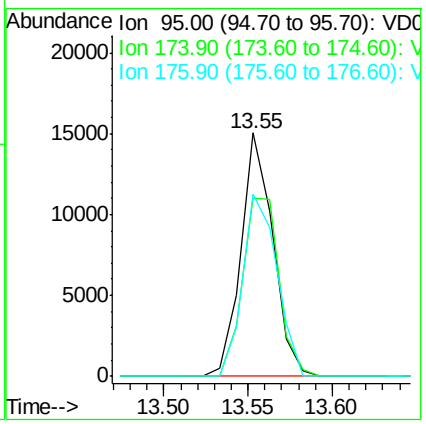


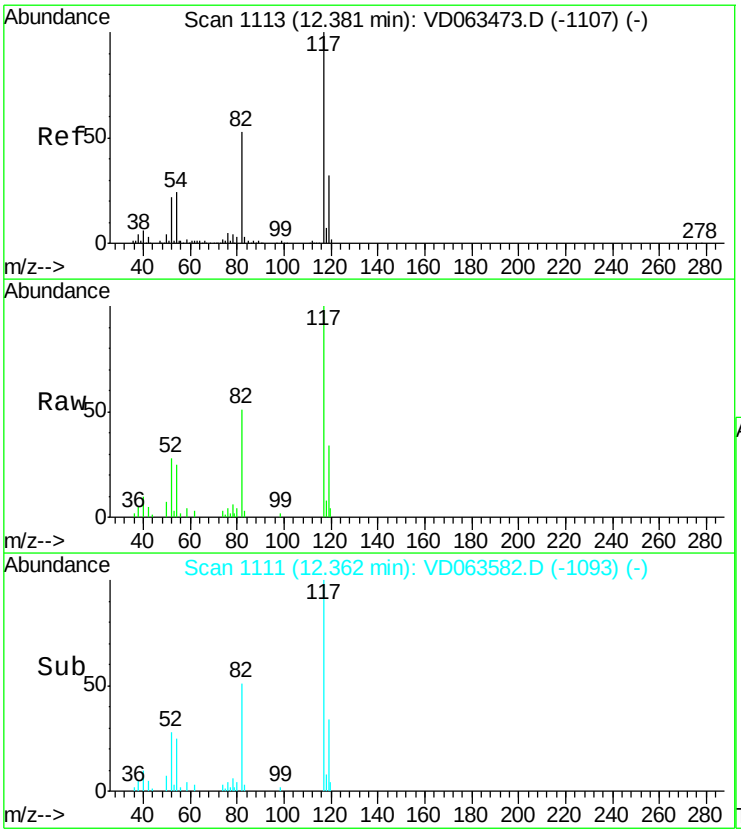
#62
4-Bromofluorobenzene
Concen: 52.698 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 19793

Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	155.4
176	74.6	0.0	152.4

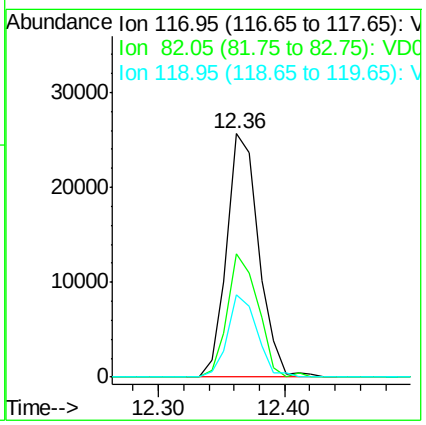


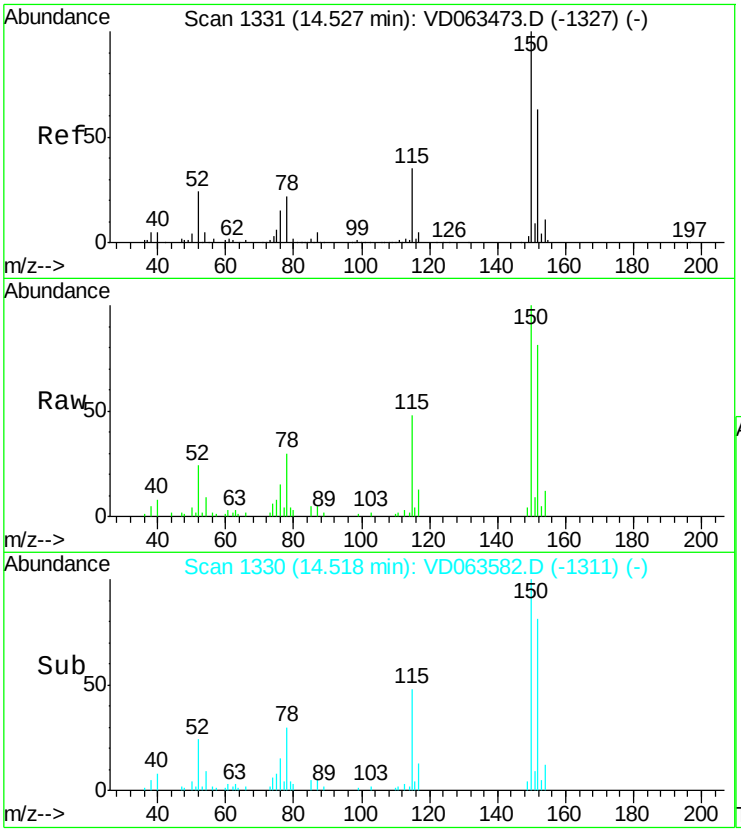


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Tgt Ion:117 Resp: 45049

Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.0	63.0
119	33.9	25.4	38.0



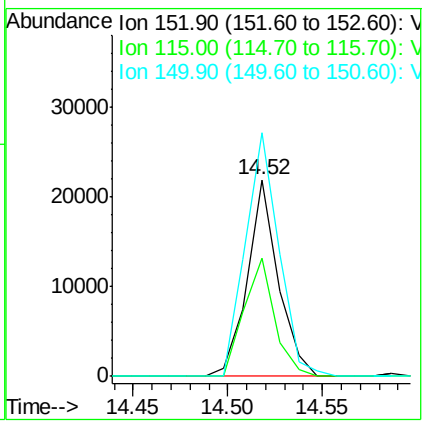


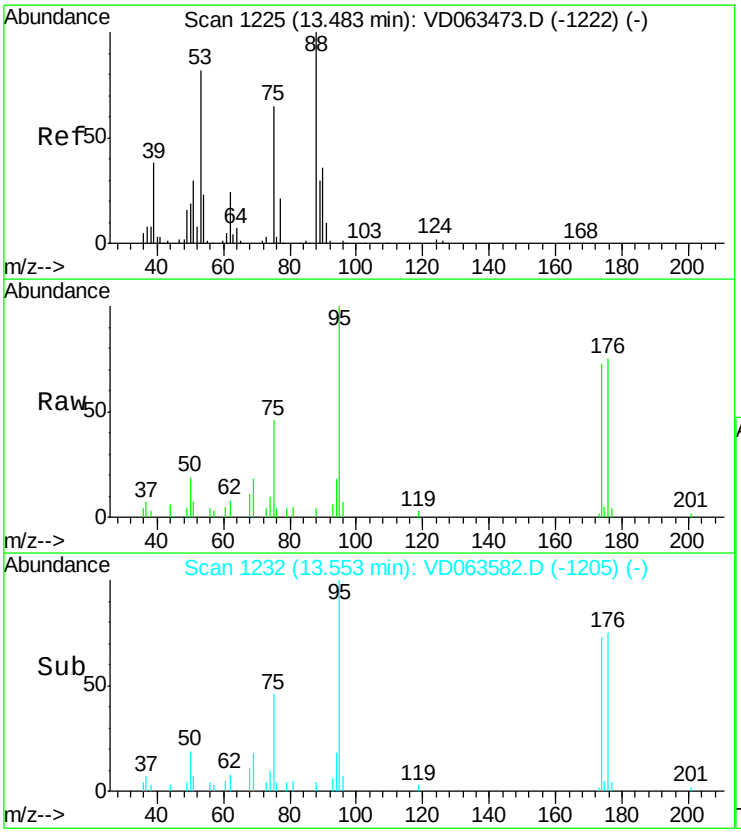
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 24815

Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.9	92.7
150	124.0	0.0	318.6





#81
trans-1,4-Dichloro-2-butene
Concen: 109.687 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD063582.D
Acq: 14 Aug 2019 18:58

Tgt Ion: 75 Resp: 8396

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