Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082319\
Data File : VD063766.D
Acq On : 23 Aug 2019 15:11
Operator : JC/SY
Sample : K4450-04
Misc : 5.10g/5ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WC-(A-C)

Quant Time: Aug 26 01:07:17 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	341633	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	554579	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	245871	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	57096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	427511	117.07	ug/l	-0.03
Spiked Amount 50.000			Recovery = 234.14%			
35) Dibromofluoromethane	6.92	113	401515	85.96	ug/l	-0.02
Spiked Amount 50.000			Recovery = 171.92%			
50) Toluene-d8	10.40	98	402758	39.22	ug/l	-0.02
Spiked Amount 50.000			Recovery = 78.44%			
62) 4-Bromofluorobenzene	13.55	95	109576	23.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 47.08%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.06	59	2509	15.783	ug/l #	71
13) Acrolein	3.05	56	216	1.380	ug/l #	45
15) Acrylonitrile	4.24	53	442	1.050	ug/l #	11
16) Acetone	3.22	43	34958	47.092	ug/l #	92
17) Carbon Disulfide	3.36	76	14195	1.629	ug/l	100
18) Methyl Acetate	3.63	43	18807	13.375	ug/l	99
20) Methylene Chloride	3.80	84	21010	6.545	ug/l #	75
25) 2-Butanone	6.07	43	7123	9.715	ug/l #	58
29) Tetrahydrofuran	6.45	42	463	1.355	ug/l #	35
38) Carbon Tetrachloride	7.04	117	32319	4.374	ug/l #	18
49) 1,4-Dioxane	9.02	88	227	38.026	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	54288	308.244	ug/l #	1

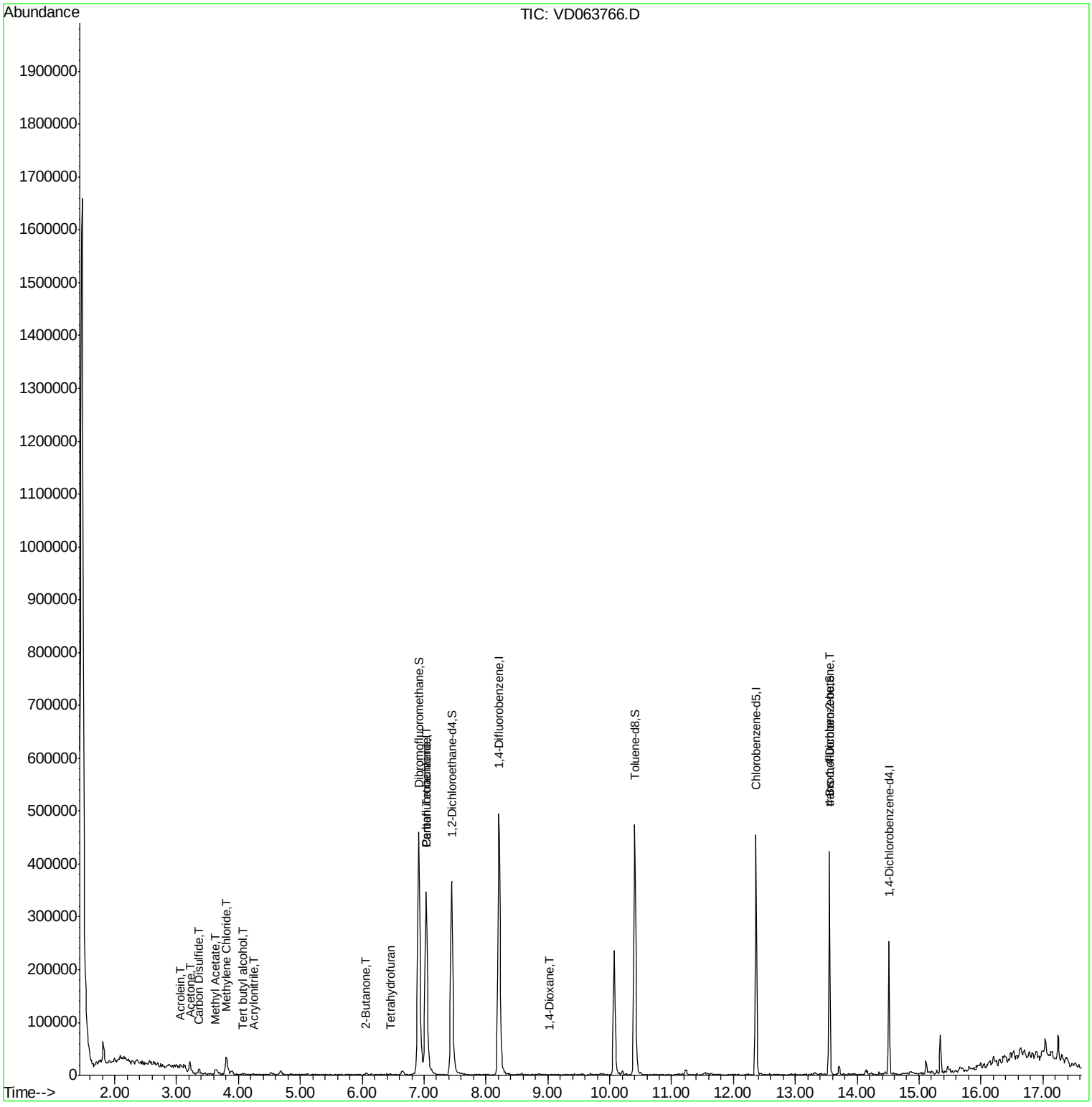
(#) = qualifier out of range (m) = manual integration (+) = signals summed

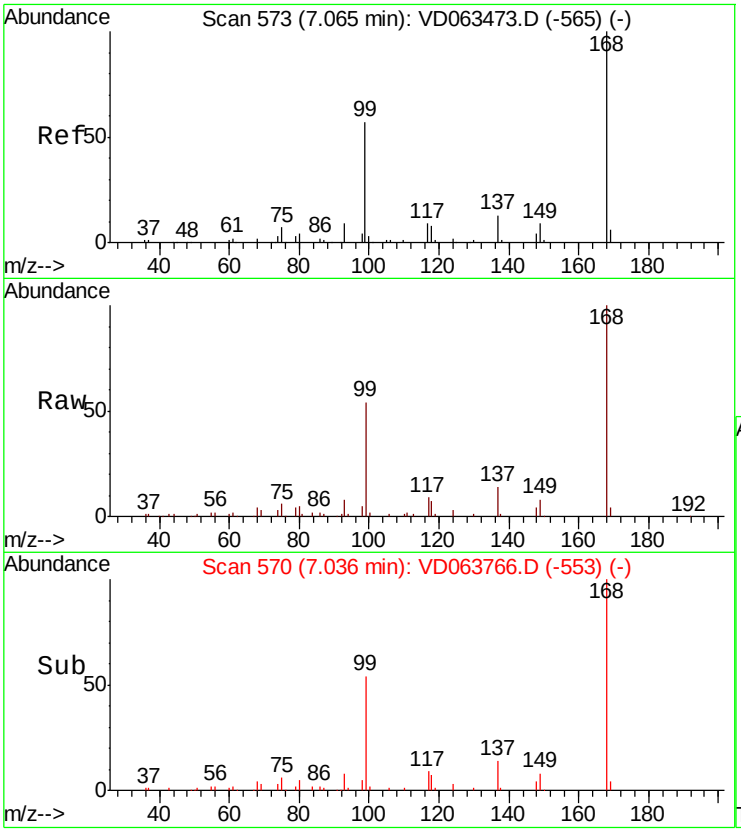
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082319\
Data File : VD063766.D
Acq On : 23 Aug 2019 15:11
Operator : JC/SY
Sample : K4450-04
Misc : 5.10g/5ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-(A-C)

Quant Time: Aug 26 01:07:17 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



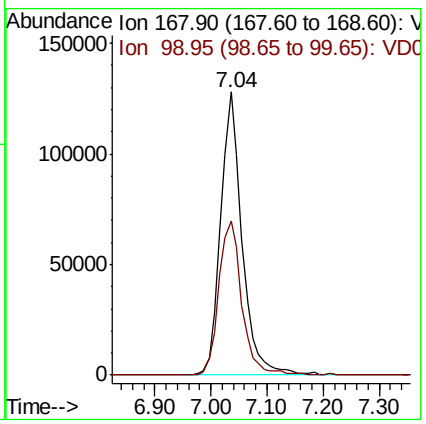


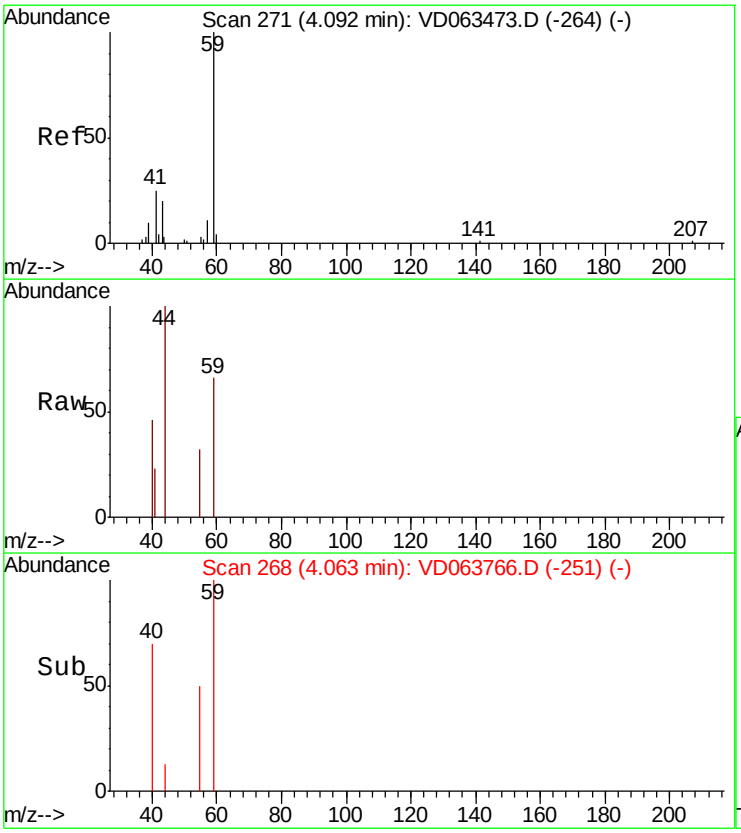
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.03 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
WC-(A-C)

Tgt Ion:168 Resp: 341633

Ion	Ratio	Lower	Upper
168	100		
99	54.3	46.7	70.1

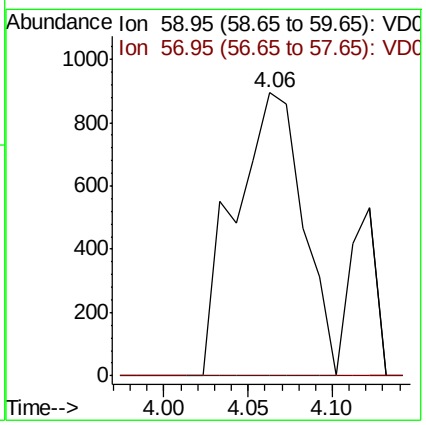


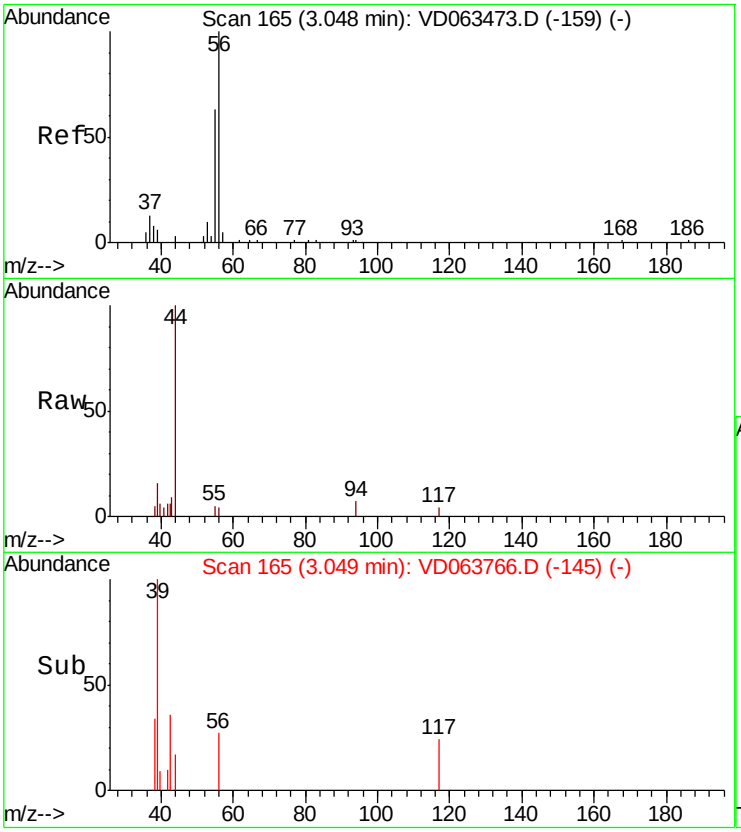


#11
Tert butyl alcohol
Concen: 15.783 ug/l
RT: 4.06 min Scan# 268
Delta R.T. -0.03 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Tgt Ion: 59 Resp: 2509

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



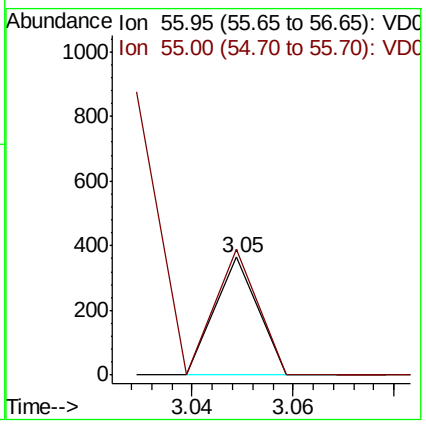


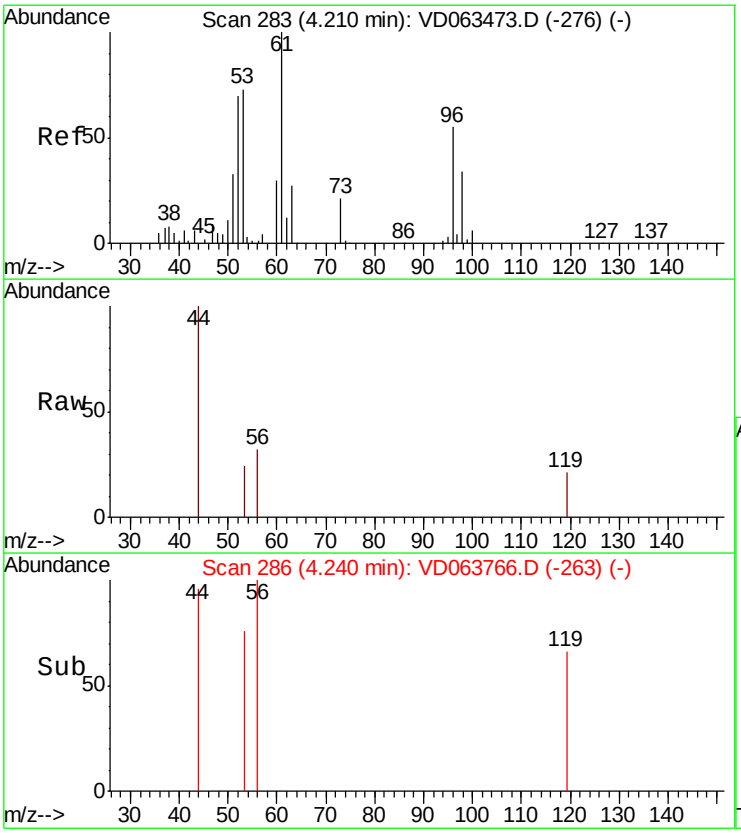
#13
Acrolein
Concen: 1.380 ug/l
RT: 3.05 min Scan# 165
Delta R.T. 0.00 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
WC-(A-C)

Tgt Ion: 56 Resp: 216

Ion	Ratio	Lower	Upper
56	100		
55	107.1	51.3	76.9#

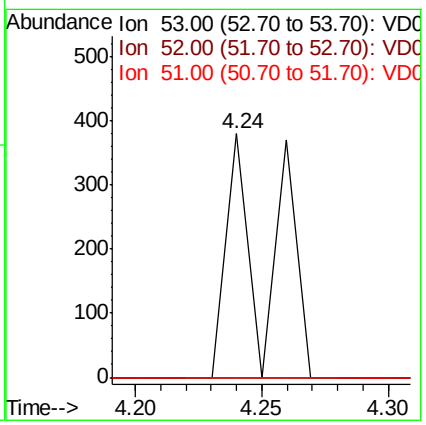


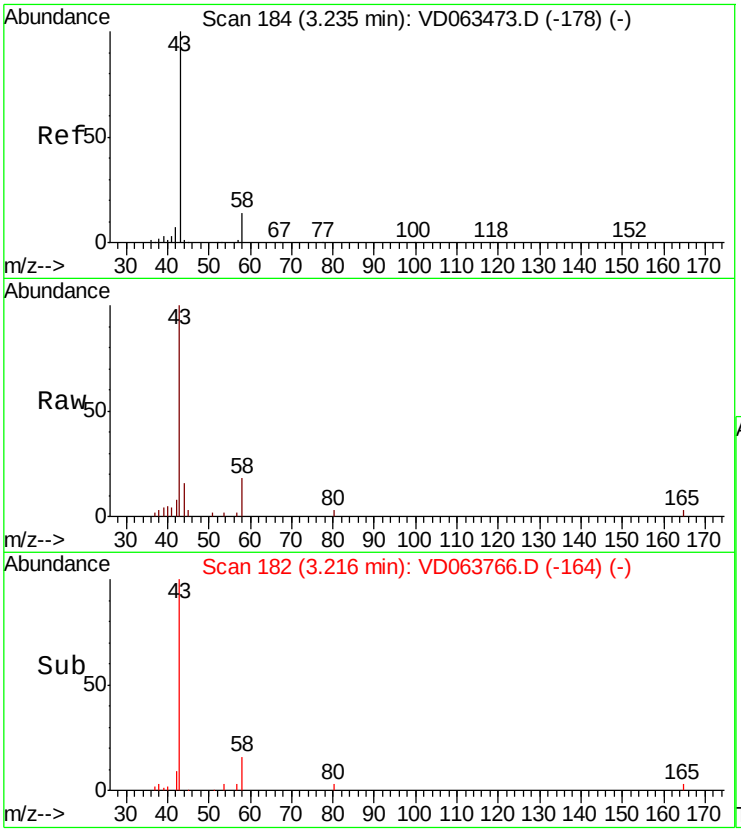


#15
Acrylonitrile
Concen: 1.050 ug/l
RT: 4.24 min Scan# 286
Delta R.T. 0.03 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Tgt Ion: 53 Resp: 442

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.4	116.0#
51	0.0	36.7	55.1#



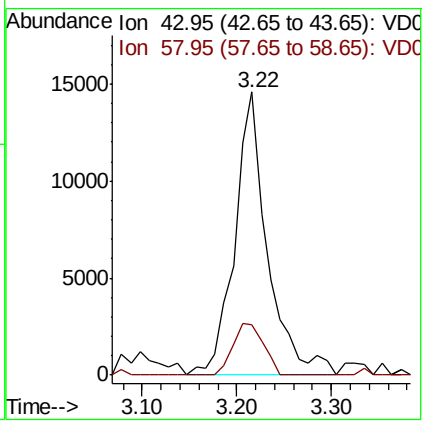


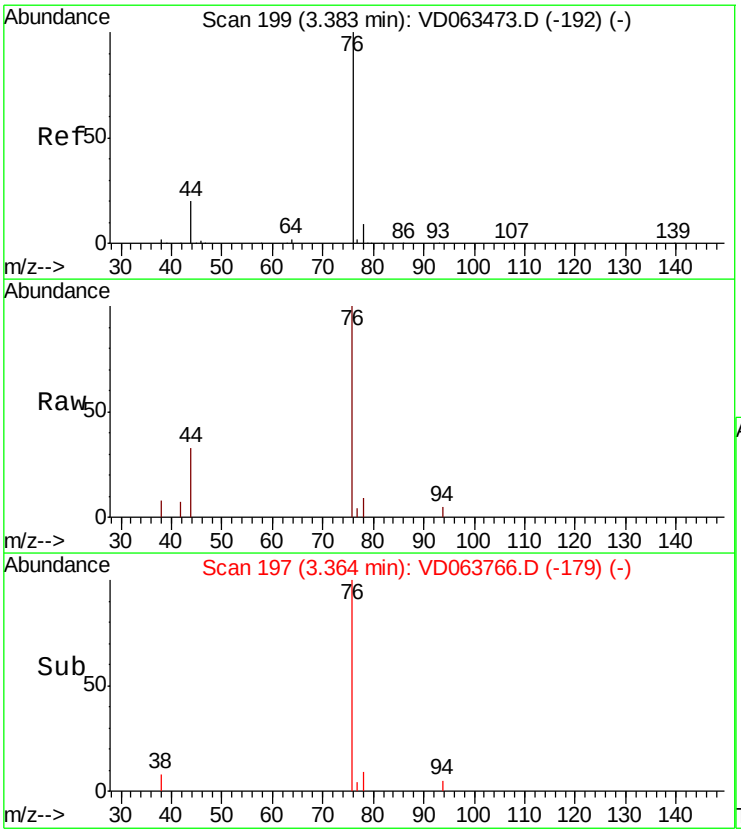
#16
Acetone
Concen: 47.092 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.02 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
WC-(A-C)

Tgt Ion: 43 Resp: 34958

Ion	Ratio	Lower	Upper
43	100		
58	17.8	11.4	17.2#

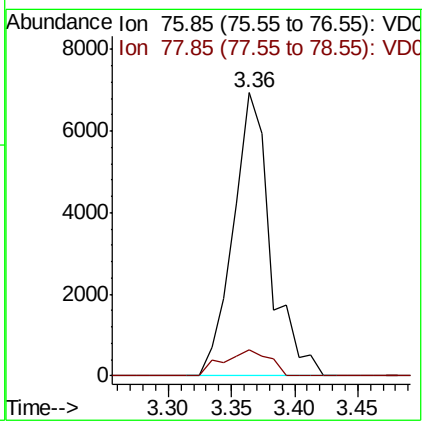


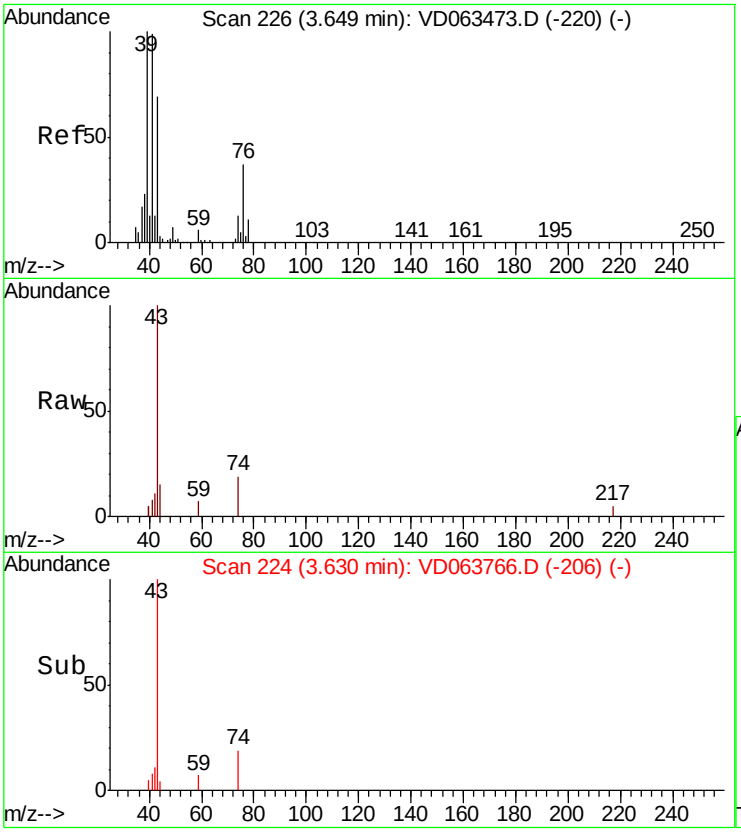


#17
Carbon Disulfide
Concen: 1.629 ug/l
RT: 3.36 min Scan# 197
Delta R.T. -0.02 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Tgt Ion: 76 Resp: 14195

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0



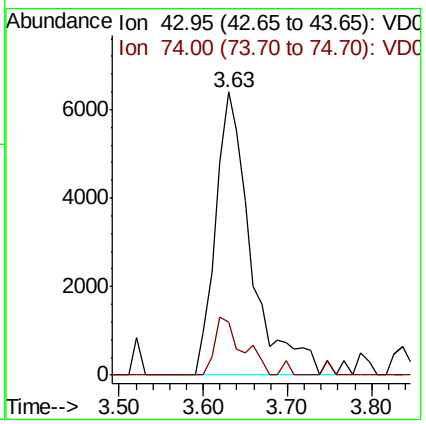


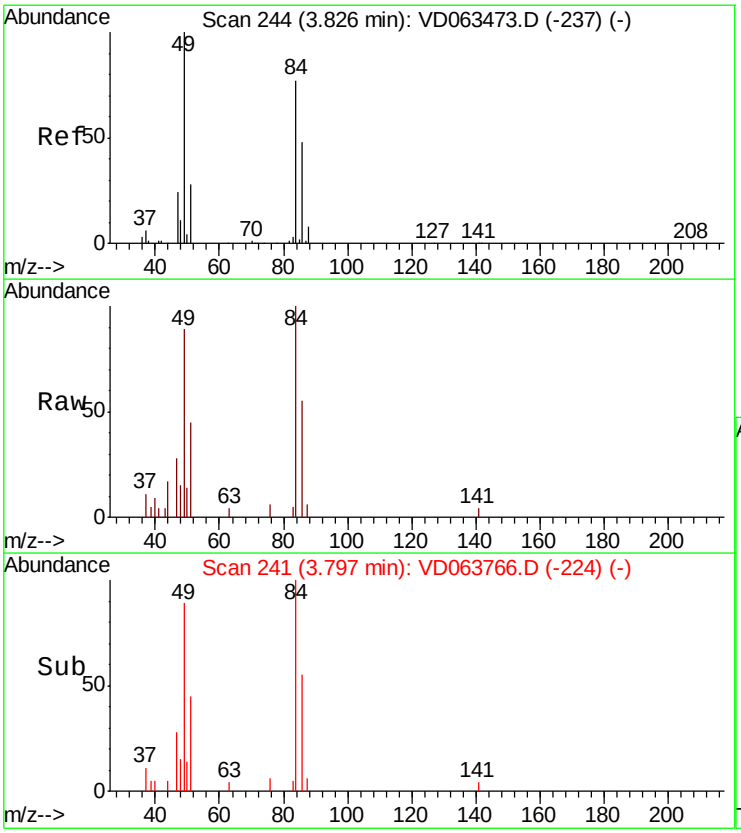
#18
Methyl Acetate
Concen: 13.375 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.02 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
WC-(A-C)

Tgt Ion: 43 Resp: 18807

Ion	Ratio	Lower	Upper
43	100		
74	18.8	15.4	23.2

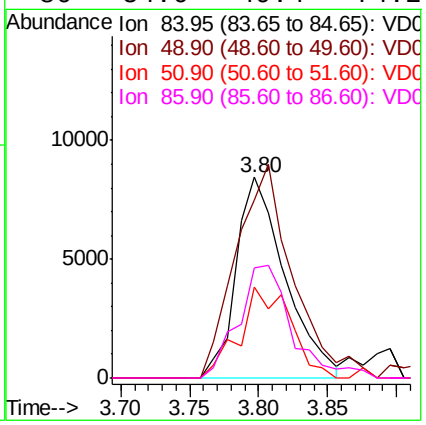


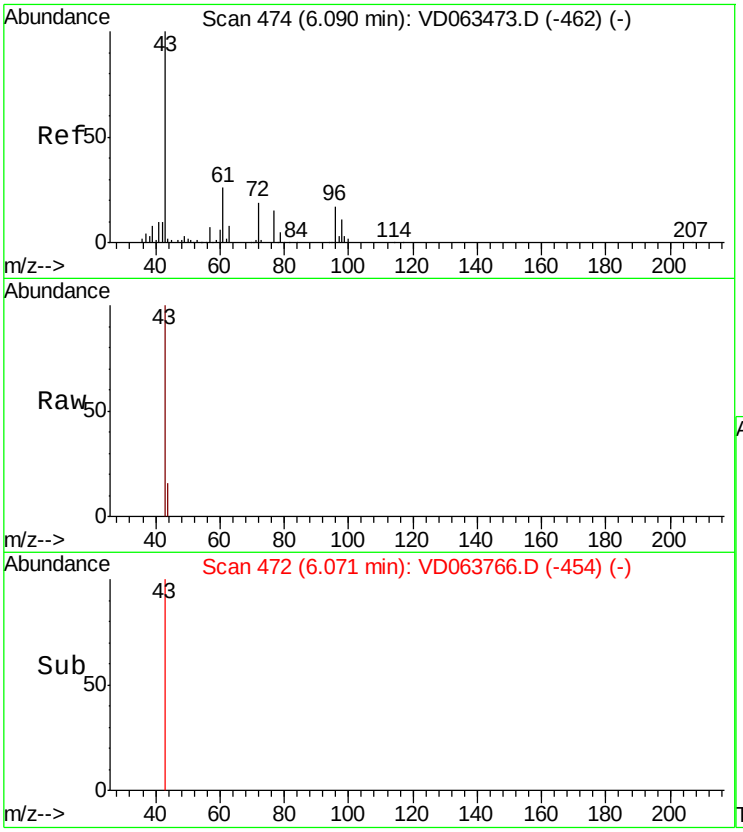


#20
Methylene Chloride
Concen: 6.545 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Tgt Ion: 84 Resp: 21010

Ion	Ratio	Lower	Upper
84	100		
49	88.8	103.4	155.2#
51	45.4	28.5	42.7#
86	54.6	49.4	74.2



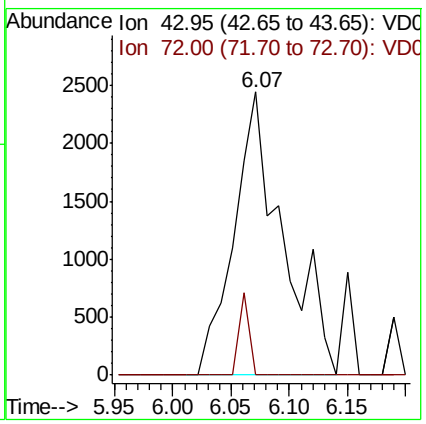


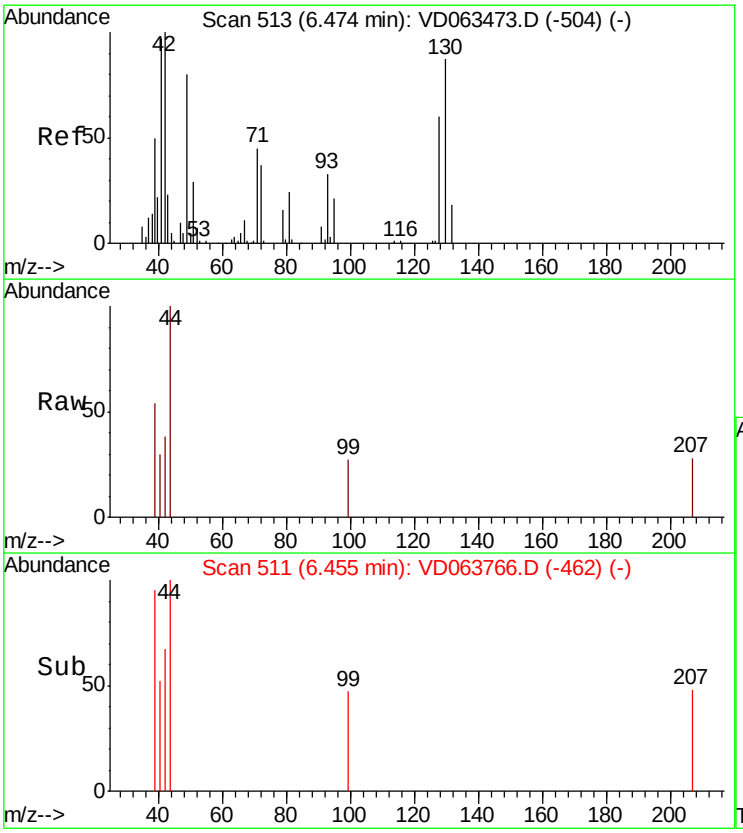
#25
2-Butanone
Concen: 9.715 ug/l
RT: 6.07 min Scan# 472
Delta R.T. -0.02 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
WC-(A-C)

Tgt Ion: 43 Resp: 7123

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.1	22.7#

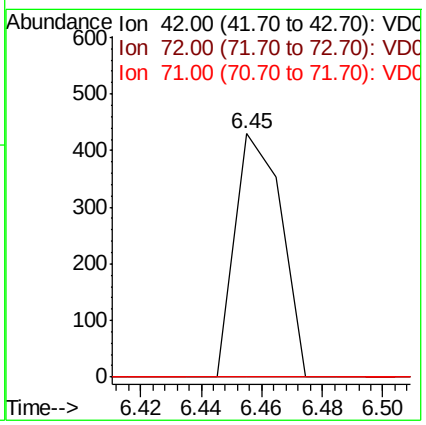


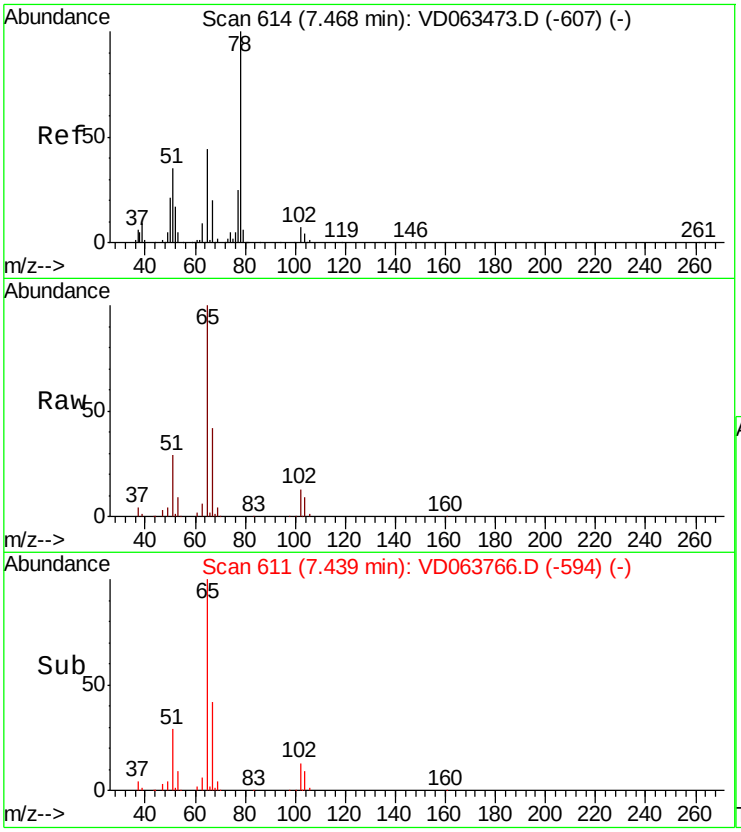


#29
Tetrahydrofuran
Concen: 1.355 ug/l
RT: 6.45 min Scan# 511
Delta R.T. -0.02 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Tgt Ion: 42 Resp: 463

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



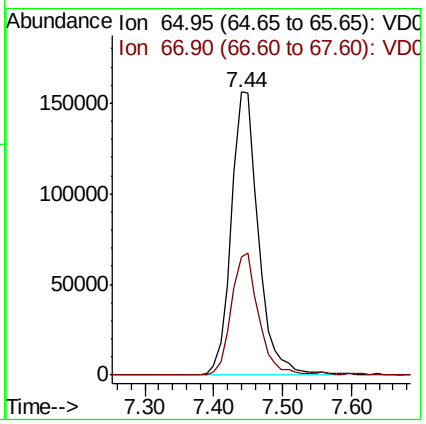


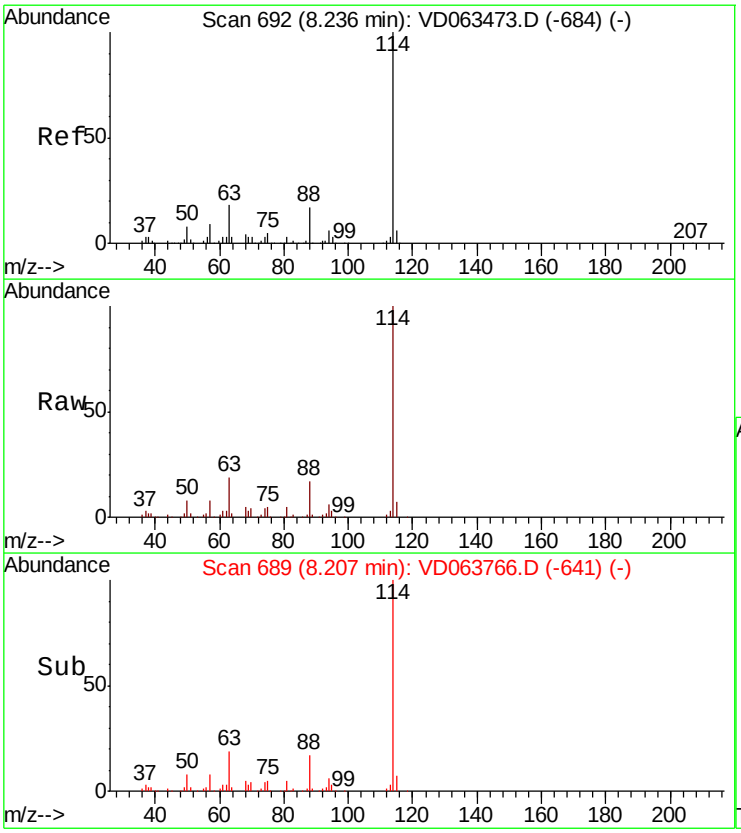
#33
1,2-Dichloroethane-d4
Concen: 117.069 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
WC-(A-C)

Tgt Ion: 65 Resp: 427511

Ion	Ratio	Lower	Upper
65	100		
67	41.9	0.0	89.2

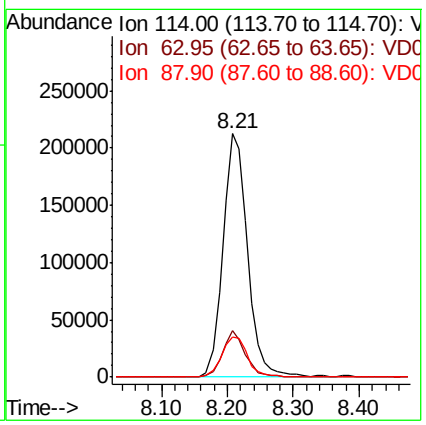


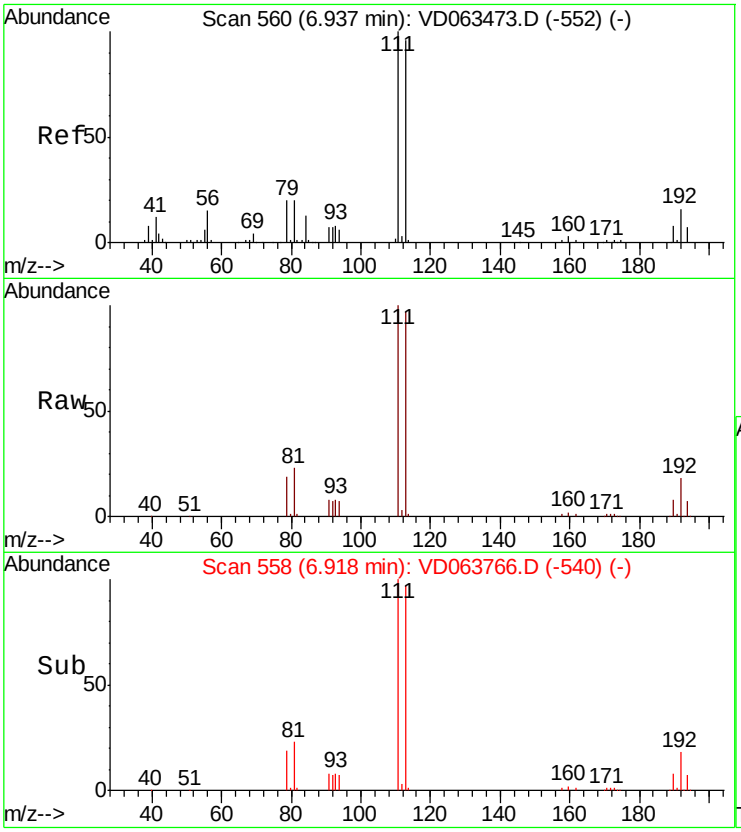


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. -0.03 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Tgt Ion:114 Resp: 554579

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	36.2
88	16.7	0.0	35.0



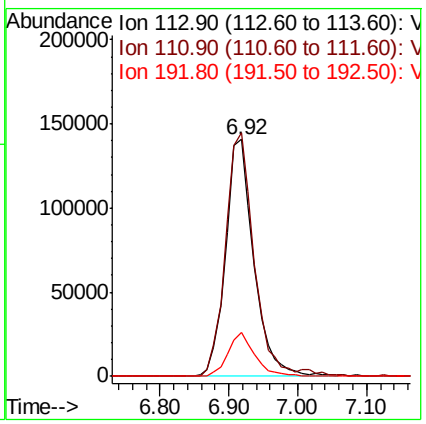


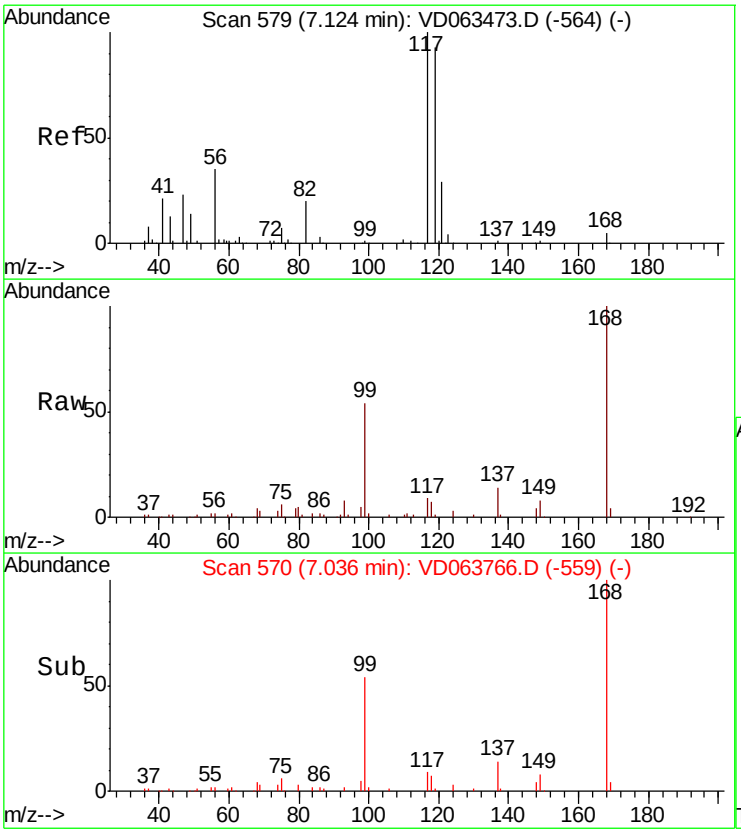
#35
Dibromofluoromethane
Concen: 85.965 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
WC-(A-C)

Tgt Ion:113 Resp: 401515

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	18.5	13.1	19.7

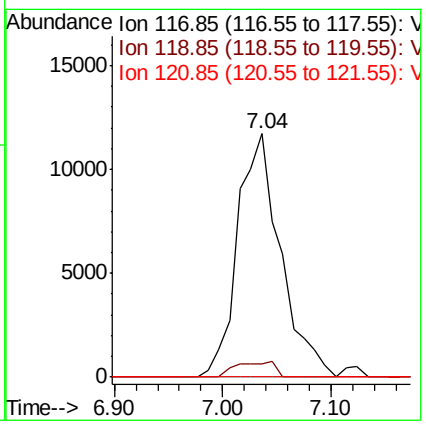


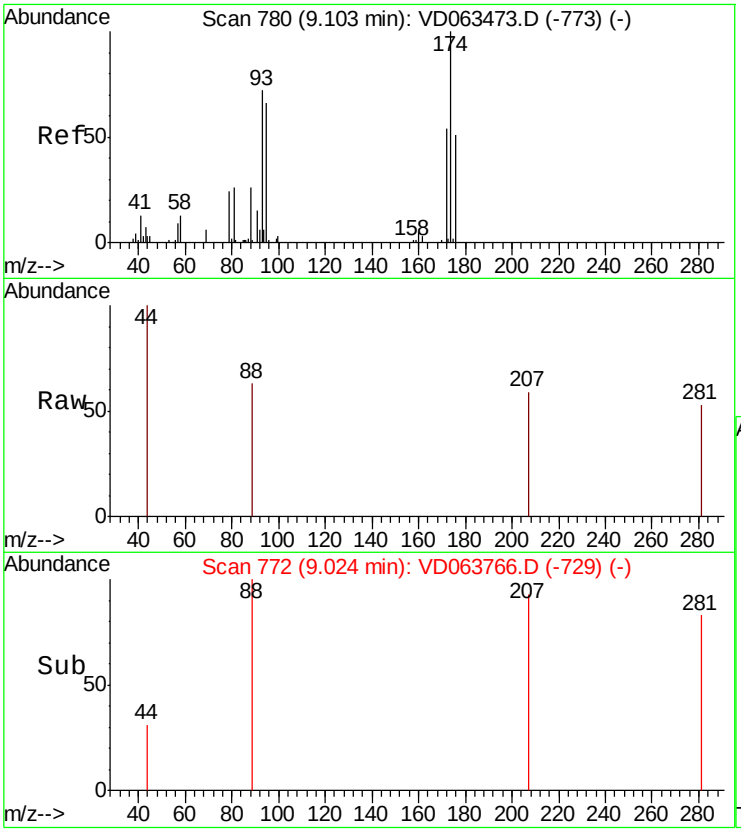


#38
Carbon Tetrachloride
Concen: 4.374 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.09 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Tgt Ion:117 Resp: 32319

Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.2	111.2#
121	0.0	23.1	34.7#



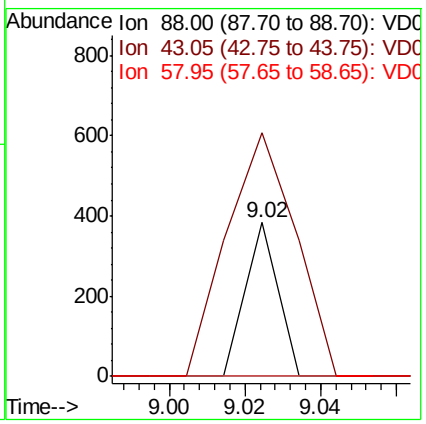


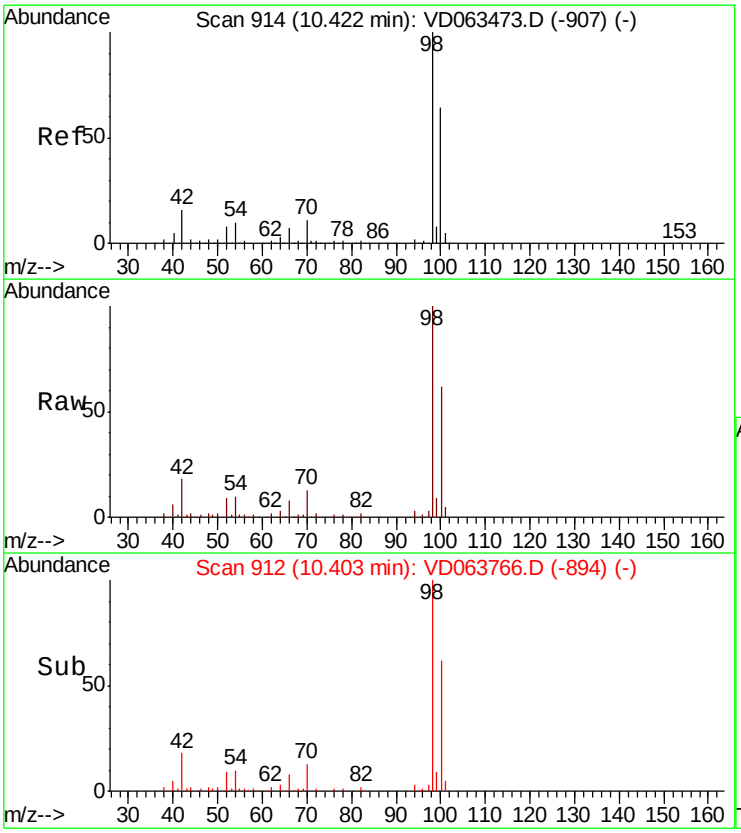
#49
1,4-Dioxane
Concen: 38.026 ug/l
RT: 9.02 min Scan# 772
Delta R.T. -0.08 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
WC-(A-C)

Tgt Ion: 88 Resp: 227

Ion	Ratio	Lower	Upper
88	100		
43	158.1	22.9	34.3#
58	0.0	40.1	60.1#

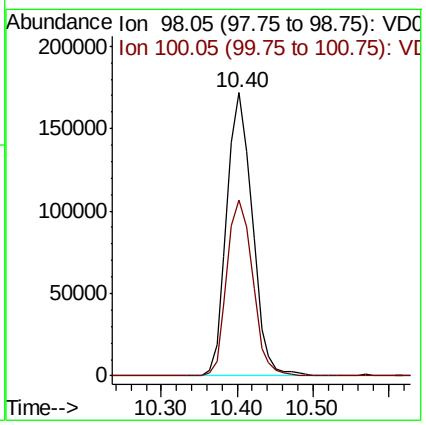


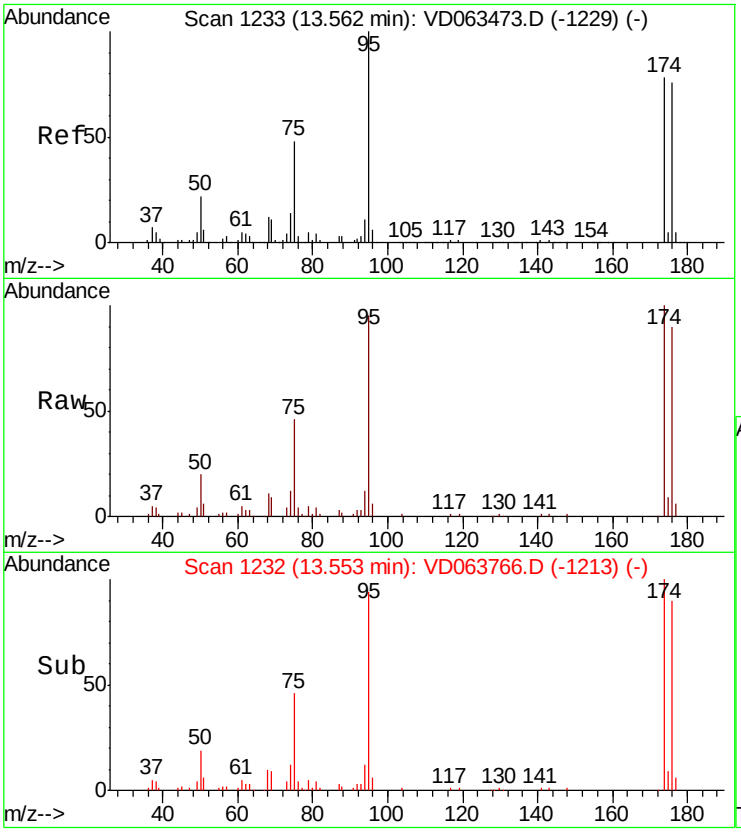


#50
Toluene-d8
Concen: 39.222 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Tgt Ion: 98 Resp: 402758

Ion	Ratio	Lower	Upper
98	100		
100	62.2	51.7	77.5



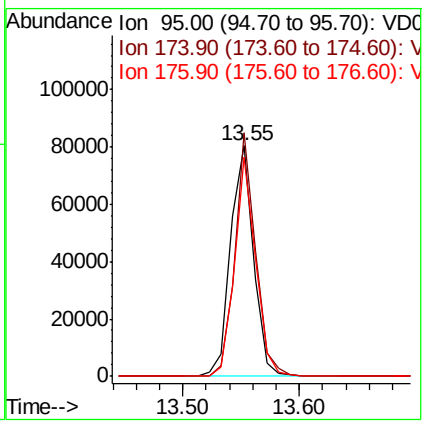


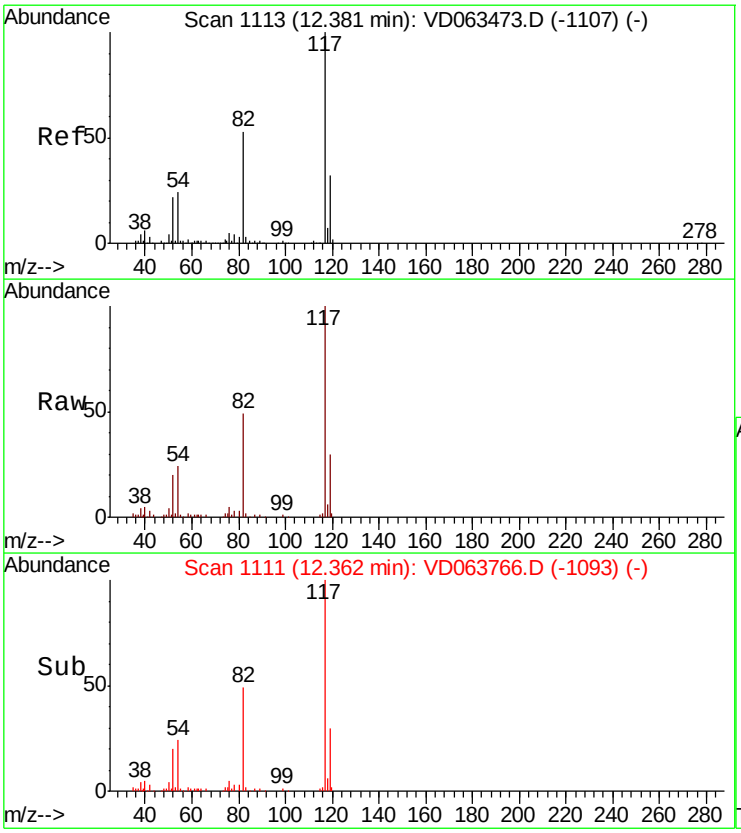
#62
4-Bromofluorobenzene
Concen: 23.543 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
WC-(A-C)

Tgt Ion: 95 Resp: 109576

Ion	Ratio	Lower	Upper
95	100		
174	105.6	0.0	155.4
176	95.1	0.0	152.4

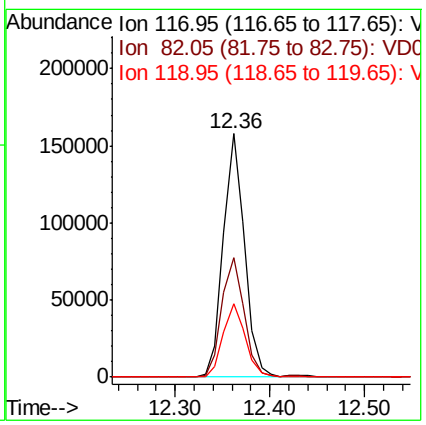


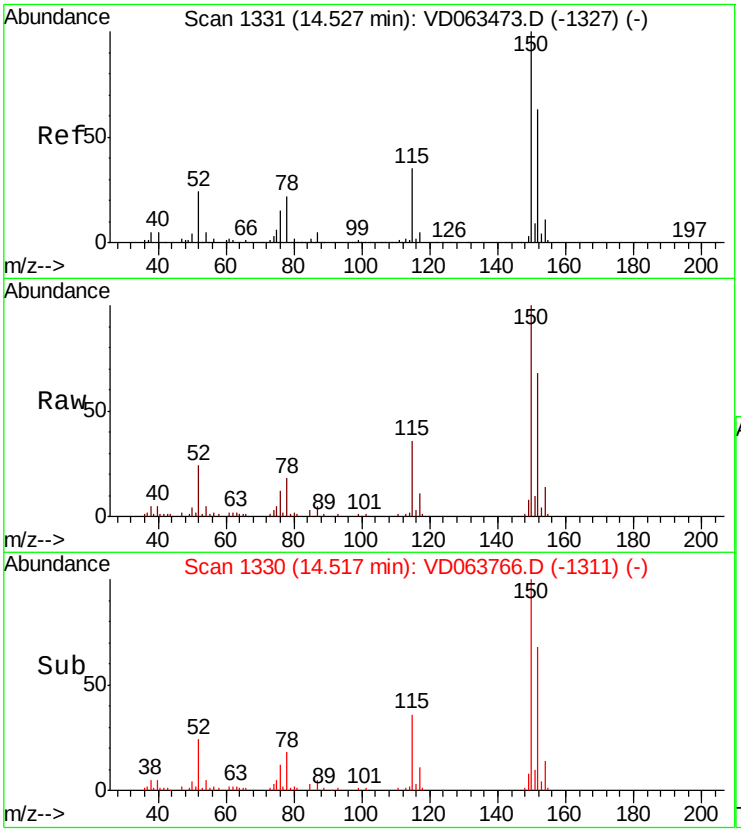


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Tgt Ion:117 Resp: 245871

Ion	Ratio	Lower	Upper
117	100		
82	49.2	42.0	63.0
119	30.2	25.4	38.0



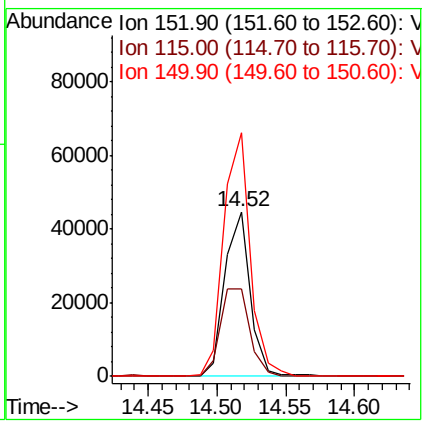


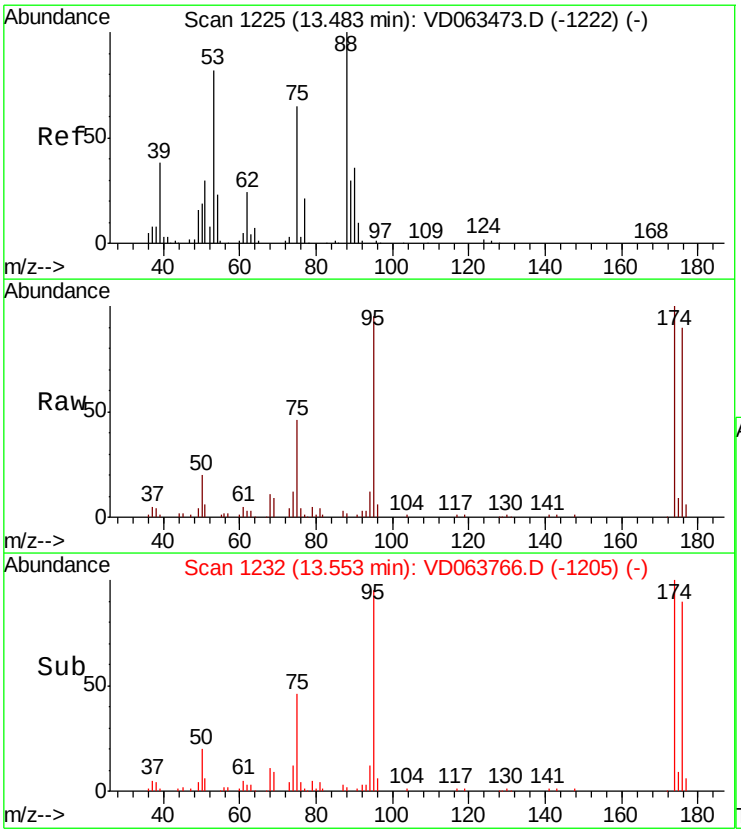
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
WC-(A-C)

Tgt Ion:152 Resp: 57096

Ion	Ratio	Lower	Upper
152	100		
115	53.0	30.9	92.7
150	148.0	0.0	318.6





#81
trans-1,4-Dichloro-2-butene
Concen: 308.244 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD063766.D
Acq: 23 Aug 2019 15:11

Tgt Ion: 75 Resp: 54288

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