Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081419\
Data File : VD063576.D
Acq On : 14 Aug 2019 16:16
Operator : JC/SY
Sample : K4340-01
Misc : 8.29g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Aug 15 12:00:27 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	884625	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	1226706	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	857465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	345557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	412746	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.30%			
35) Dibromofluoromethane	6.93	113	462055	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.44%			
50) Toluene-d8	10.41	98	995984	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.70%			
62) 4-Bromofluorobenzene	13.55	95	344865	33.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 67.00%			
Target Compounds						Qvalue
8) Diethyl Ether	2.88	74	4049	1.761	ug/l	87
11) Tert butyl alcohol	4.08	59	1381	3.355	ug/l #	71
16) Acetone	3.23	43	69405	36.107	ug/l	93
20) Methylene Chloride	3.83	84	72880	8.768	ug/l	96
25) 2-Butanone	6.10	43	5258	2.770	ug/l #	82
29) Tetrahydrofuran	6.46	42	6874	7.771	ug/l #	64
31) Cyclohexane	7.04	56	20930	2.451	ug/l #	22
36) 1,1-Dichloropropene	7.05	75	62820	5.793	ug/l #	50
38) Carbon Tetrachloride	7.05	117	87196	5.335	ug/l #	18
49) 1,4-Dioxane	8.63	88	185	29.635	ug/l #	34
52) Toluene	10.51	92	31382	2.042	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.55	75	153334	143.852	ug/l #	1

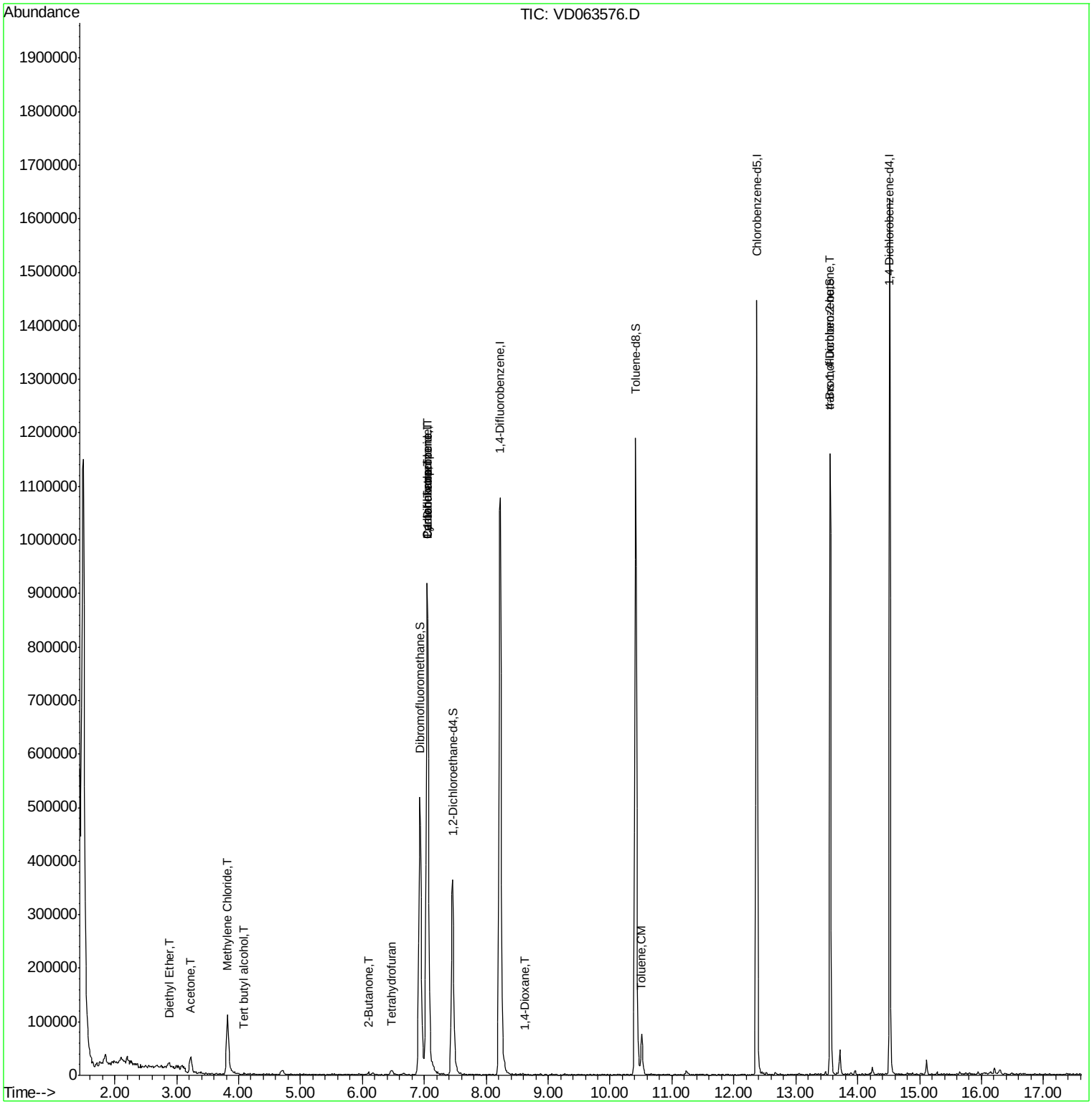
(#) = qualifier out of range (m) = manual integration (+) = signals summed

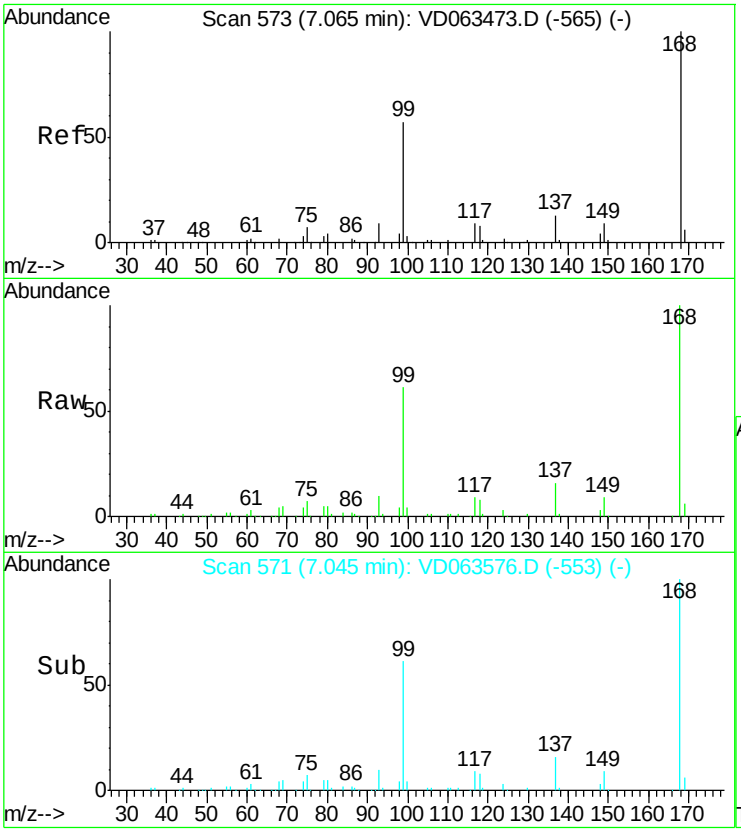
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
Data File : VD063576.D
Acq On : 14 Aug 2019 16:16
Operator : JC/SY
Sample : K4340-01
Misc : 8.29g/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 15 12:00:27 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



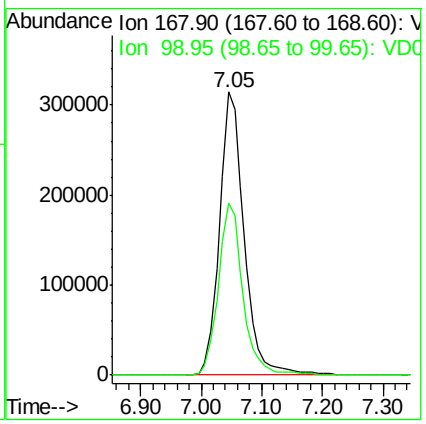


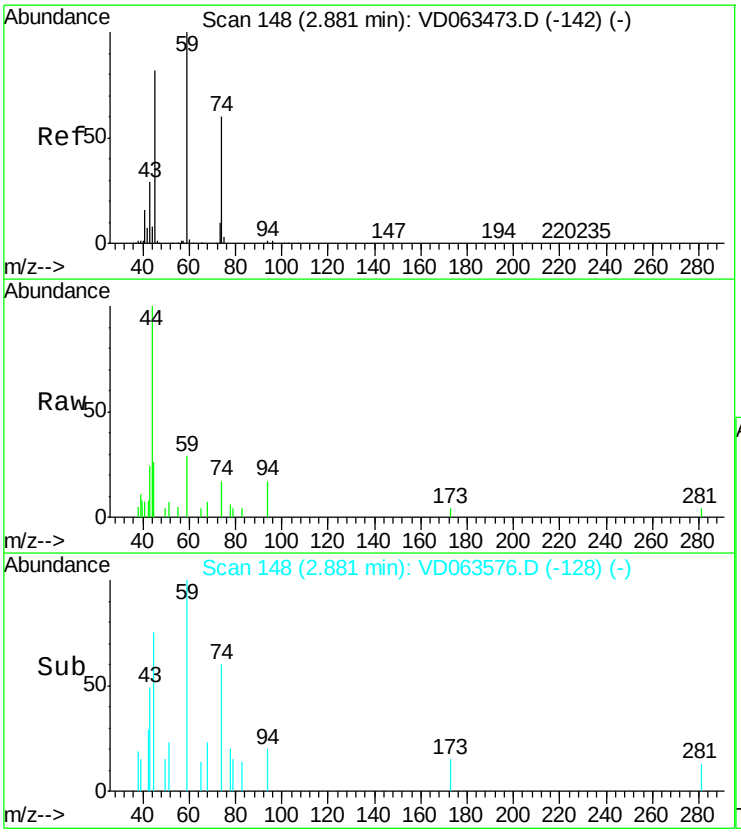
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.02 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 884625

Ion	Ratio	Lower	Upper
168	100		
99	60.8	46.7	70.1

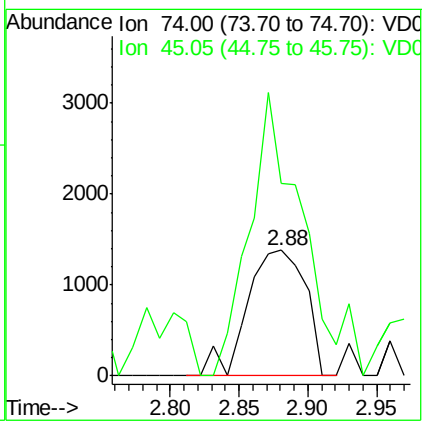


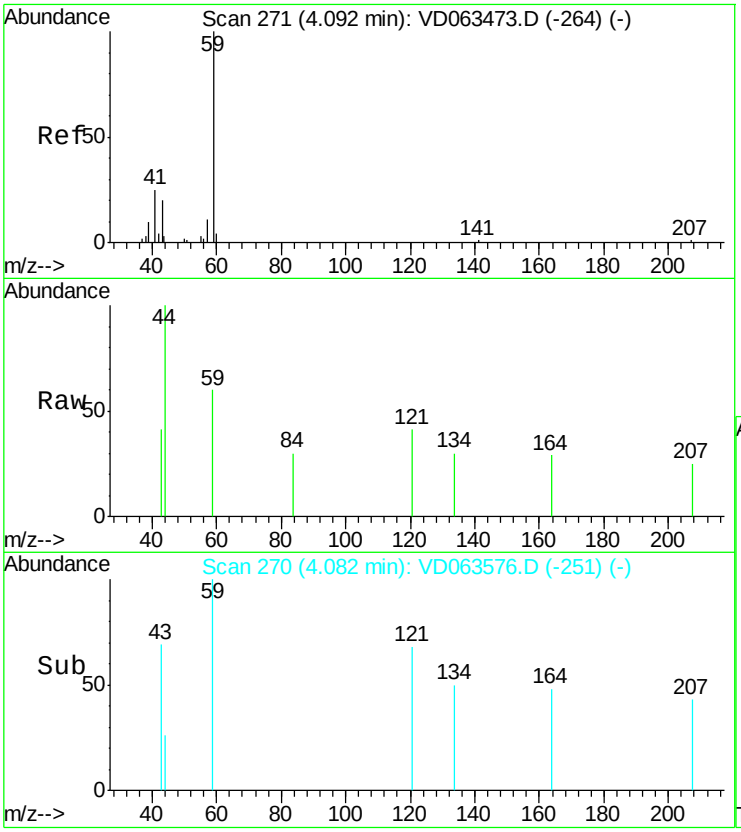


#8
Diethyl Ether
Concen: 1.761 ug/l
RT: 2.88 min Scan# 148
Delta R.T. -0.00 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Tgt Ion: 74 Resp: 4049

Ion	Ratio	Lower	Upper
74	100		
45	152.9	68.5	205.5



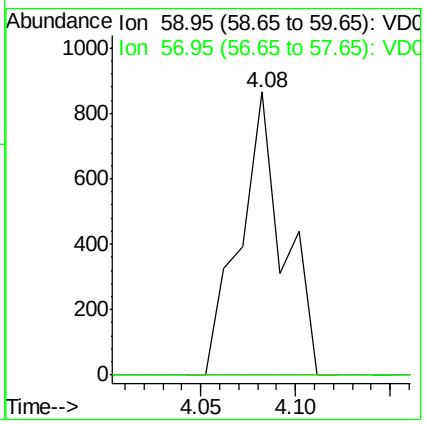


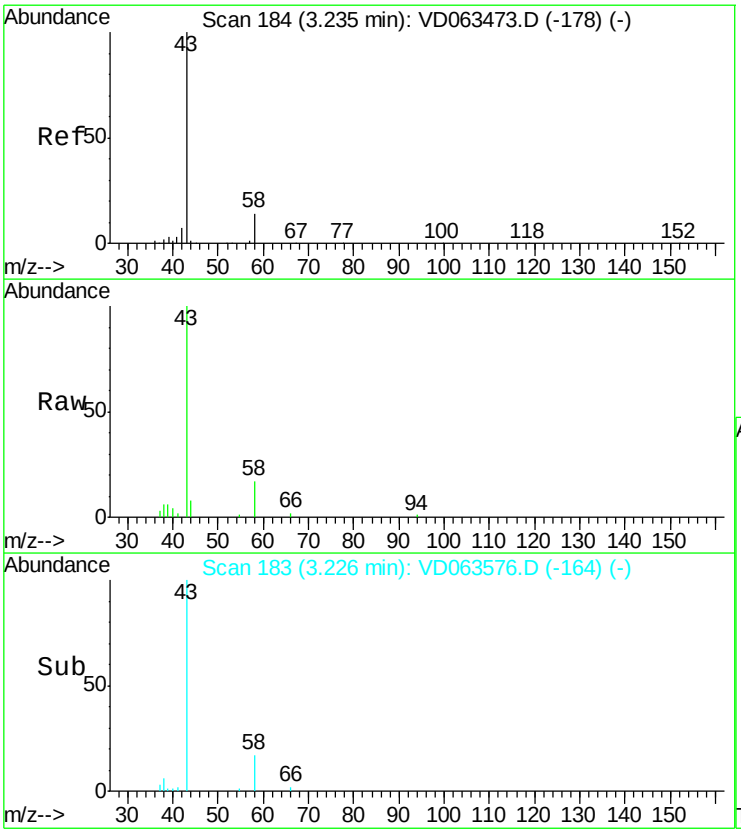
#11
Tert butyl alcohol
Concen: 3.355 ug/l
RT: 4.08 min Scan# 270
Delta R.T. -0.01 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 1381

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

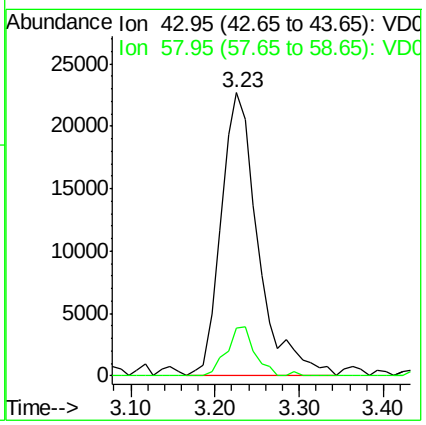


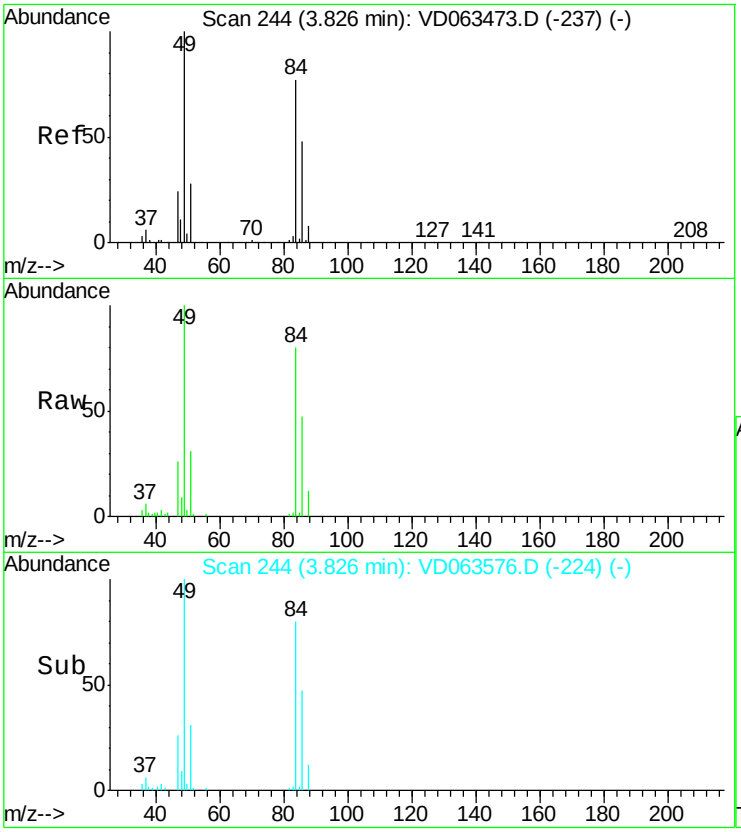


#16
Acetone
Concen: 36.107 ug/l
RT: 3.23 min Scan# 183
Delta R.T. -0.01 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Tgt Ion: 43 Resp: 69405

Ion	Ratio	Lower	Upper
43	100		
58	17.0	11.4	17.2



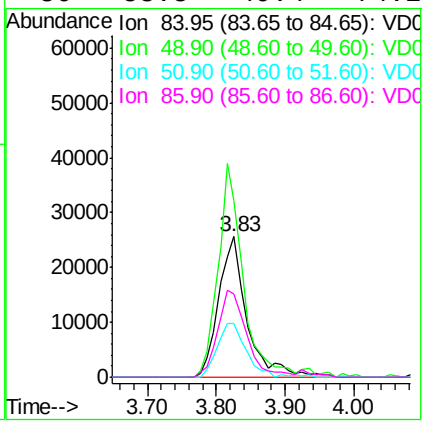


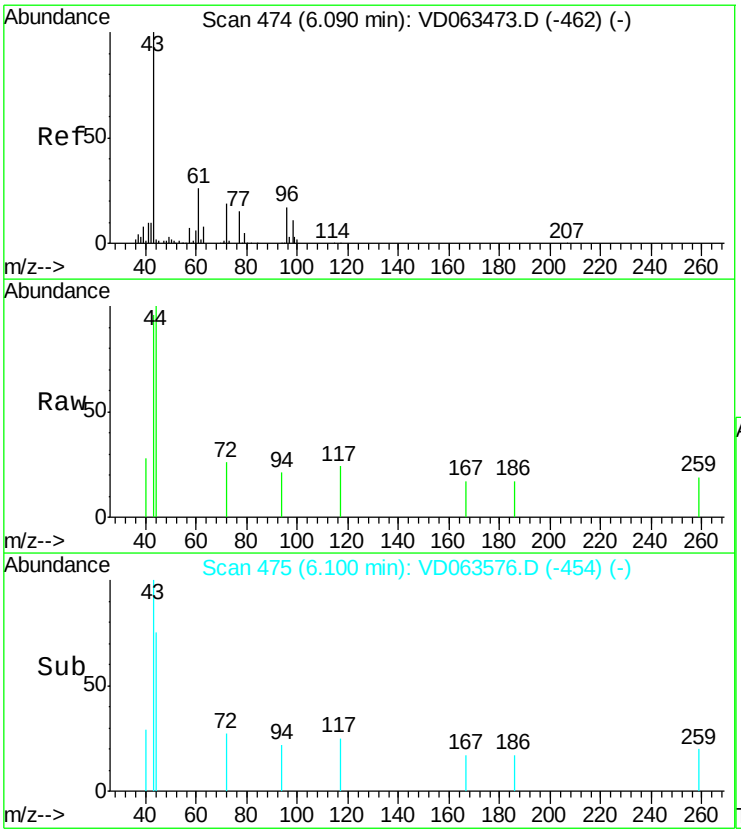
#20
Methylene Chloride
Concen: 8.768 ug/l
RT: 3.83 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 72880

Ion	Ratio	Lower	Upper
84	100		
49	125.7	103.4	155.2
51	38.6	28.5	42.7
86	58.8	49.4	74.2

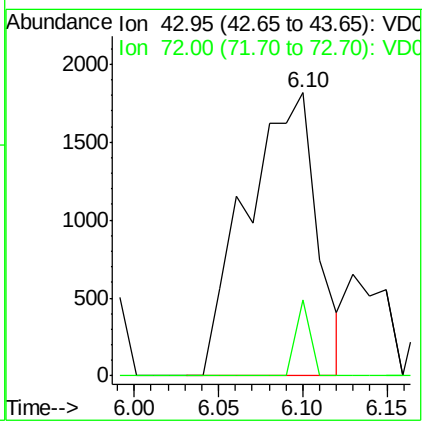


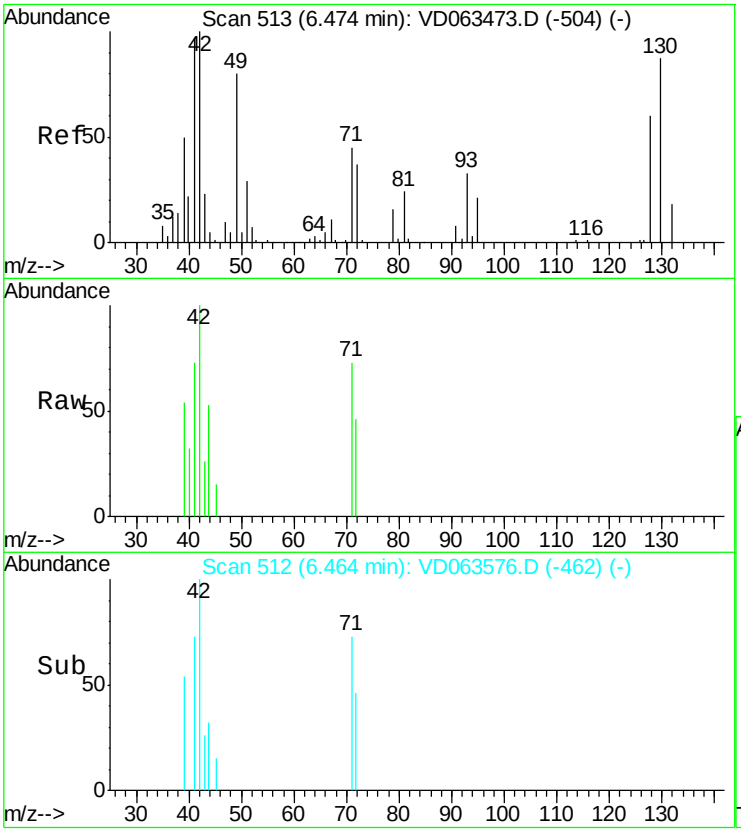


#25
2-Butanone
Concen: 2.770 ug/l
RT: 6.10 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Tgt Ion: 43 Resp: 5258

Ion	Ratio	Lower	Upper
43	100		
72	26.8	15.1	22.7#



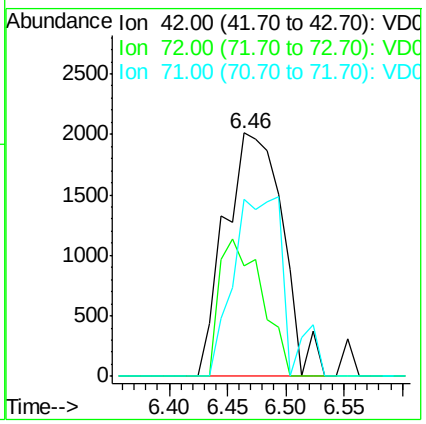


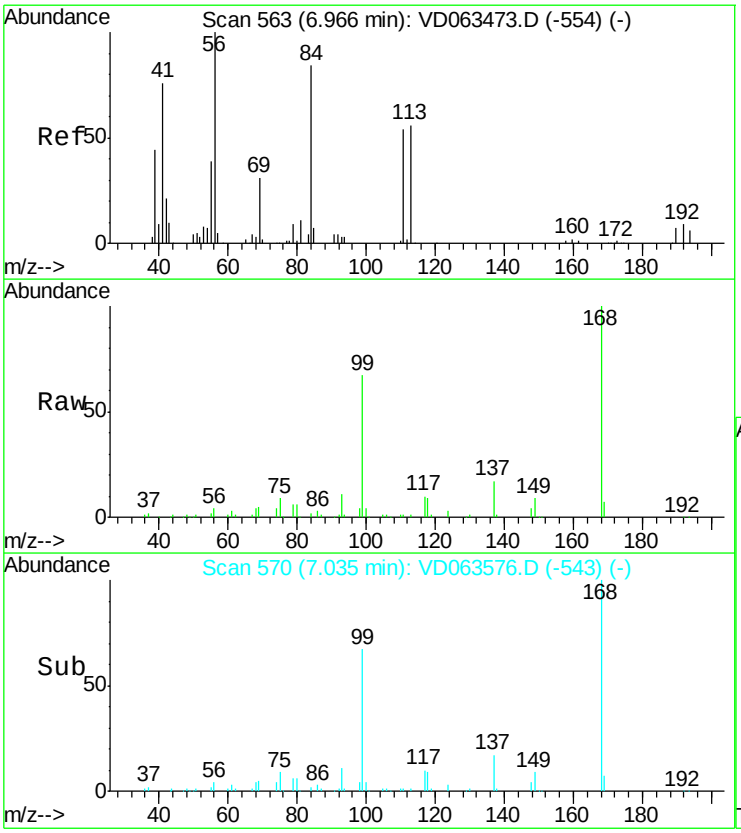
#29
Tetrahydrofuran
Concen: 7.771 ug/l
RT: 6.46 min Scan# 512
Delta R.T. -0.01 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 6874

Ion	Ratio	Lower	Upper
42	100		
72	41.9	31.5	47.3
71	0.0	33.8	50.8#

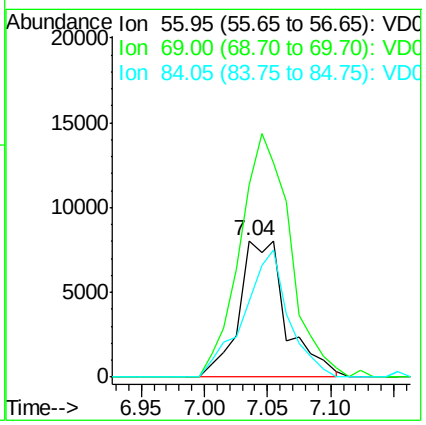


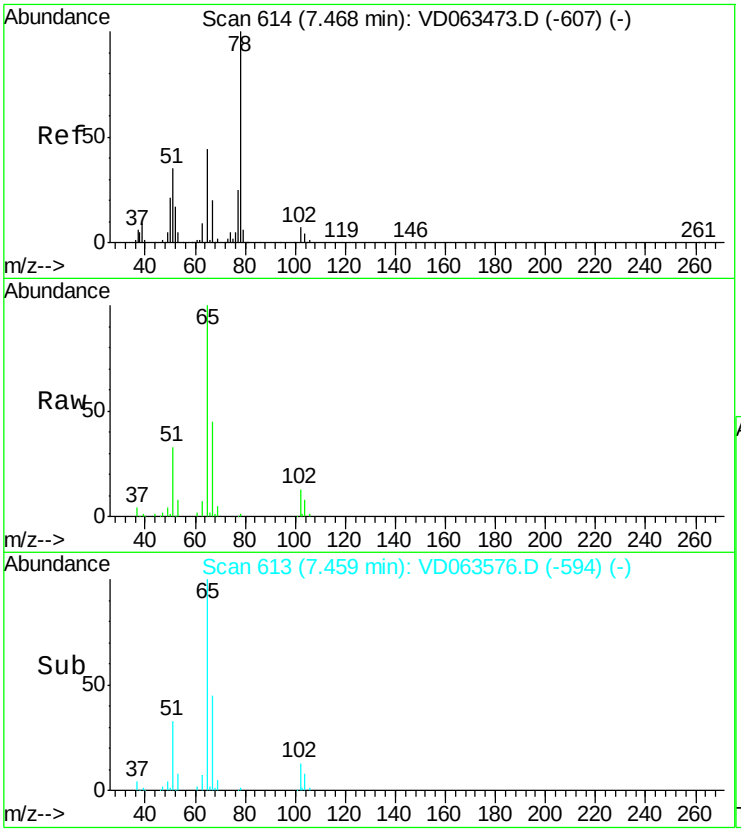


#31
Cyclohexane
Concen: 2.451 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.07 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Tgt Ion: 56 Resp: 20930

Ion	Ratio	Lower	Upper
56	100		
69	140.7	25.0	37.6#
84	55.5	69.7	104.5#



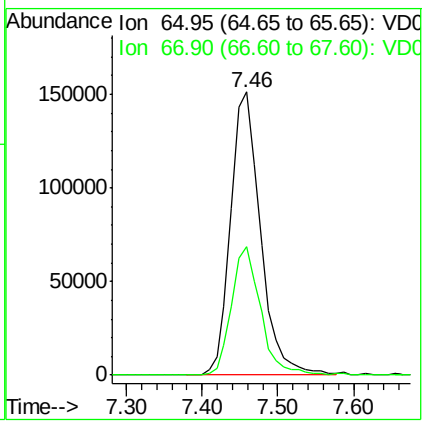


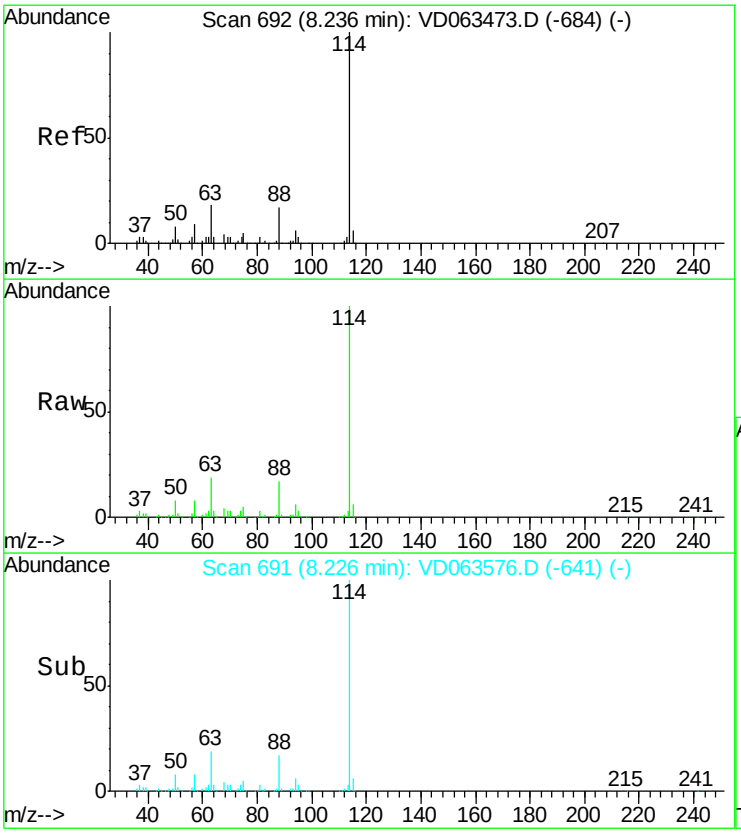
#33
1,2-Dichloroethane-d4
Concen: 43.649 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 412746

Ion	Ratio	Lower	Upper
65	100		
67	45.3	0.0	89.2

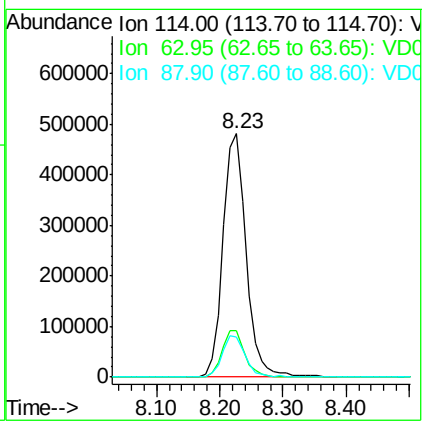


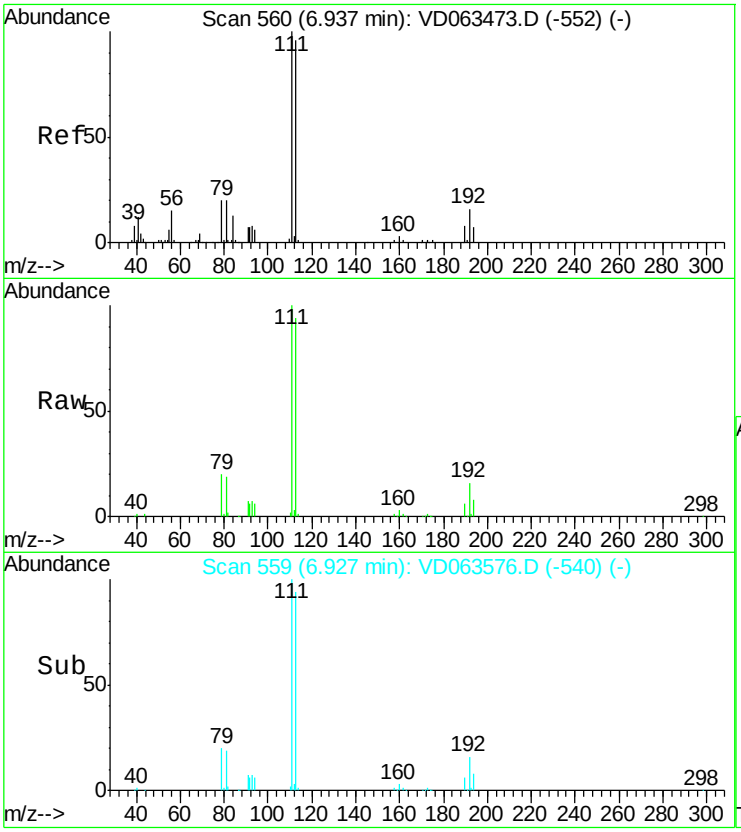


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. -0.01 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Tgt Ion:114 Resp: 1226706

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	36.2
88	16.6	0.0	35.0



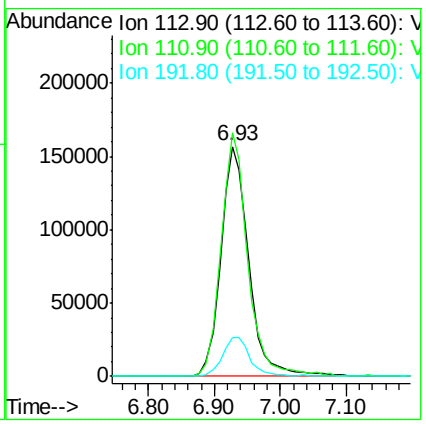


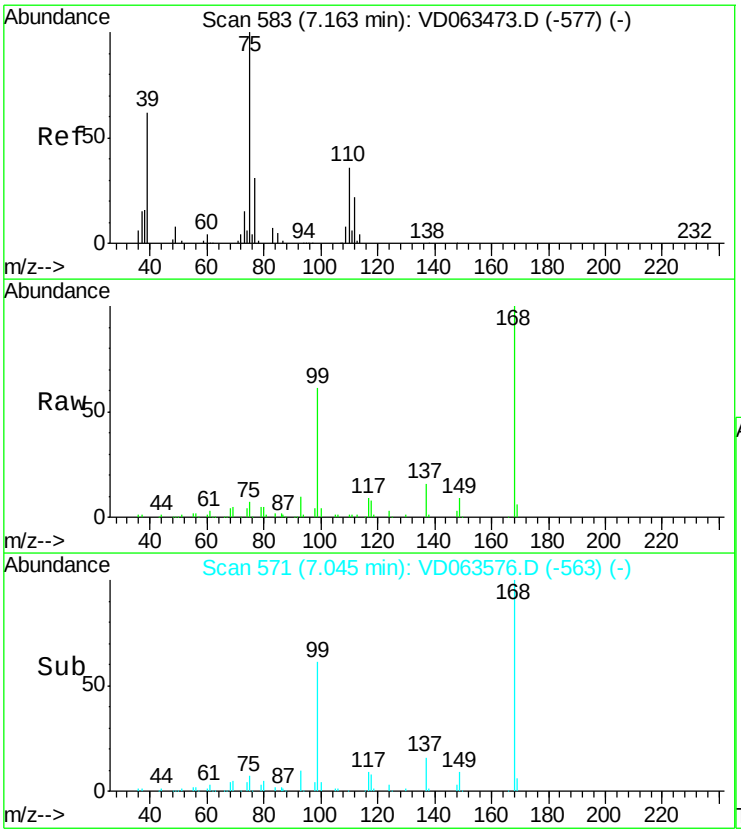
#35
Dibromofluoromethane
Concen: 44.723 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 462055

Ion	Ratio	Lower	Upper
113	100		
111	106.0	83.1	124.7
192	17.0	13.1	19.7

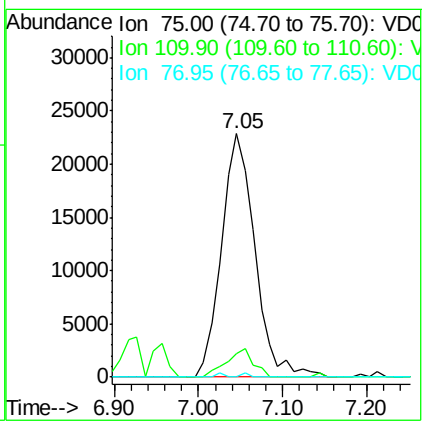


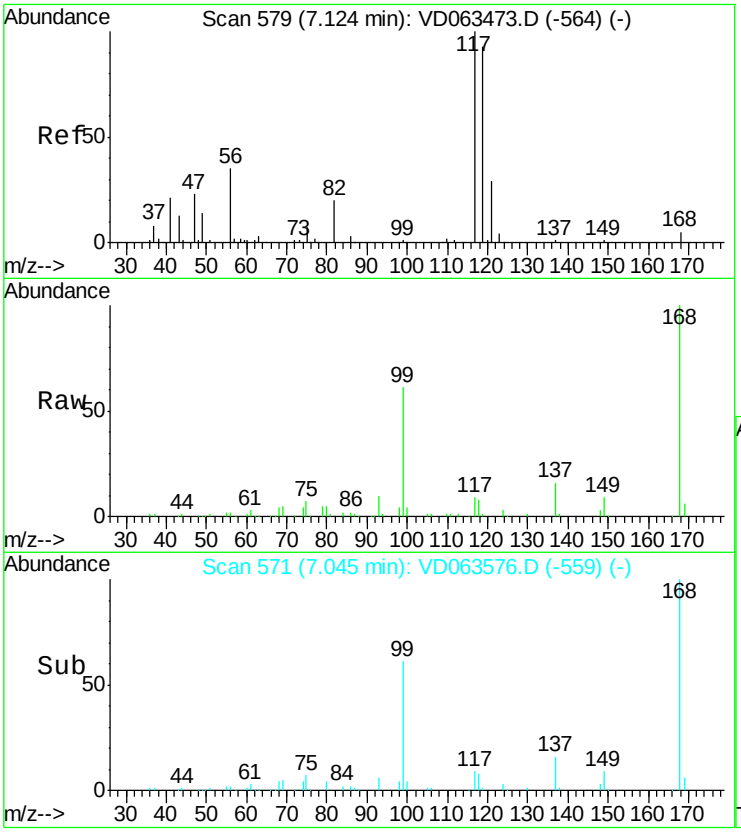


#36
1,1-Dichloropropene
Concen: 5.793 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.12 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Tgt Ion: 75 Resp: 62820

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.6	52.8#
77	0.0	24.3	36.5#



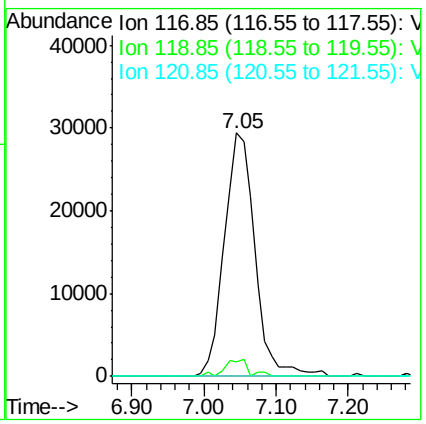


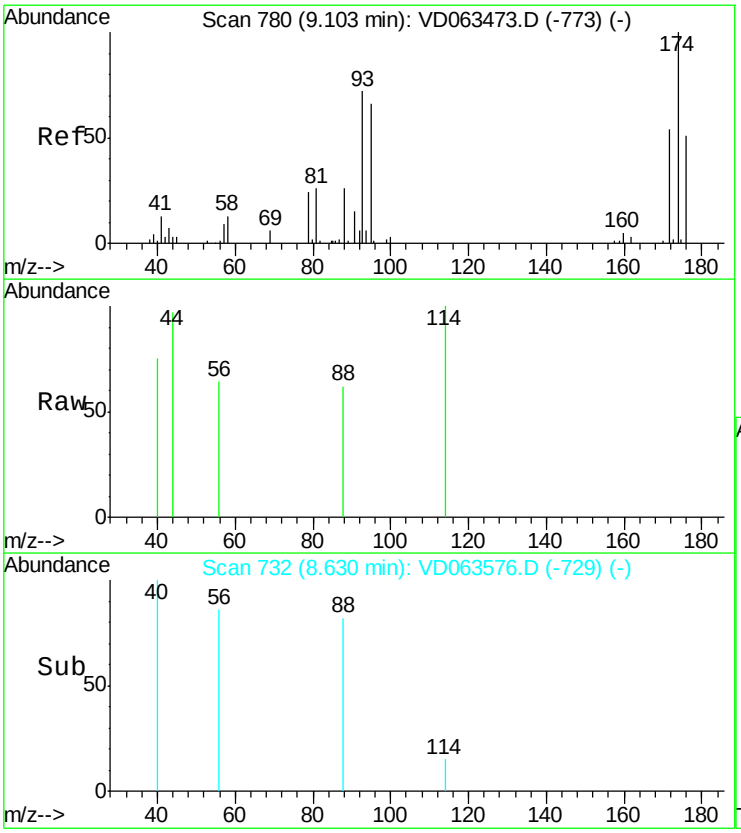
#38
Carbon Tetrachloride
Concen: 5.335 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 87196

Ion	Ratio	Lower	Upper
117	100		
119	5.8	74.2	111.2#
121	0.0	23.1	34.7#

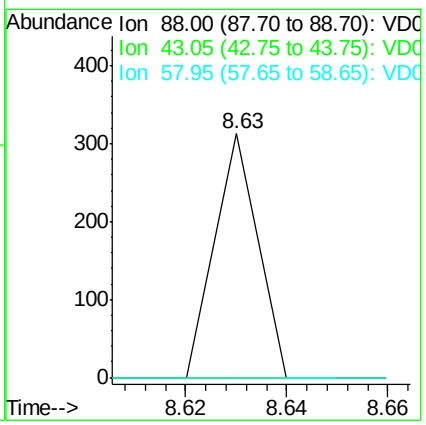


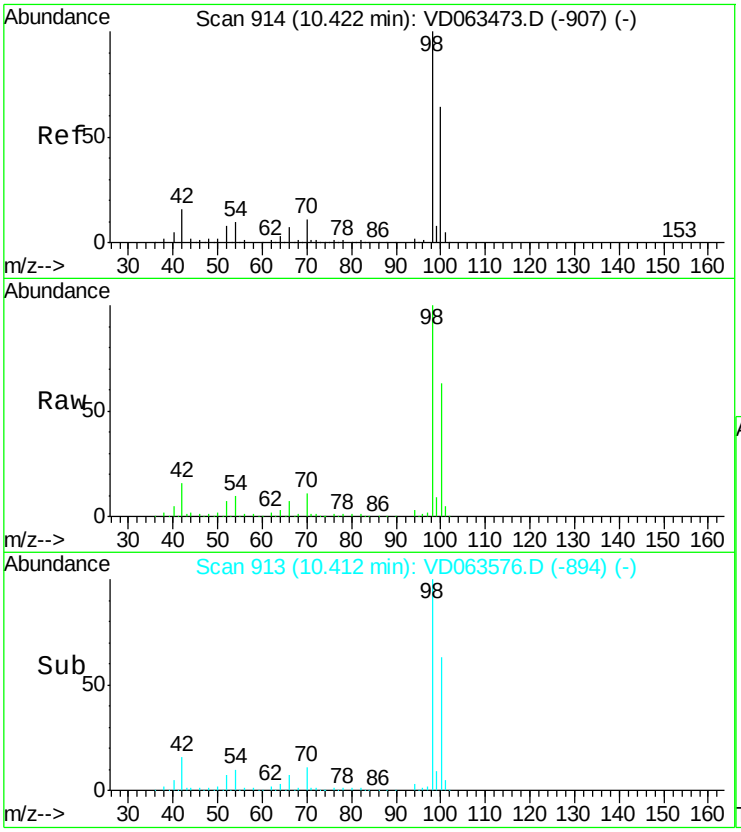


#49
1,4-Dioxane
Concen: 29.635 ug/l
RT: 8.63 min Scan# 732
Delta R.T. -0.47 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Tgt Ion: 88 Resp: 185

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



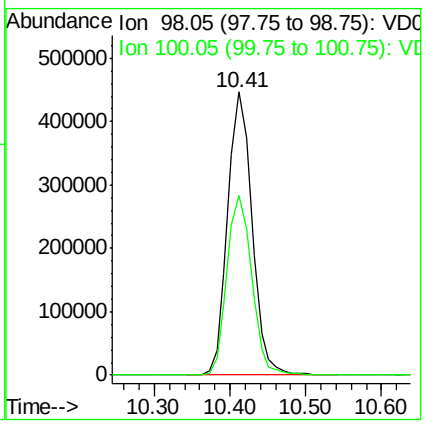


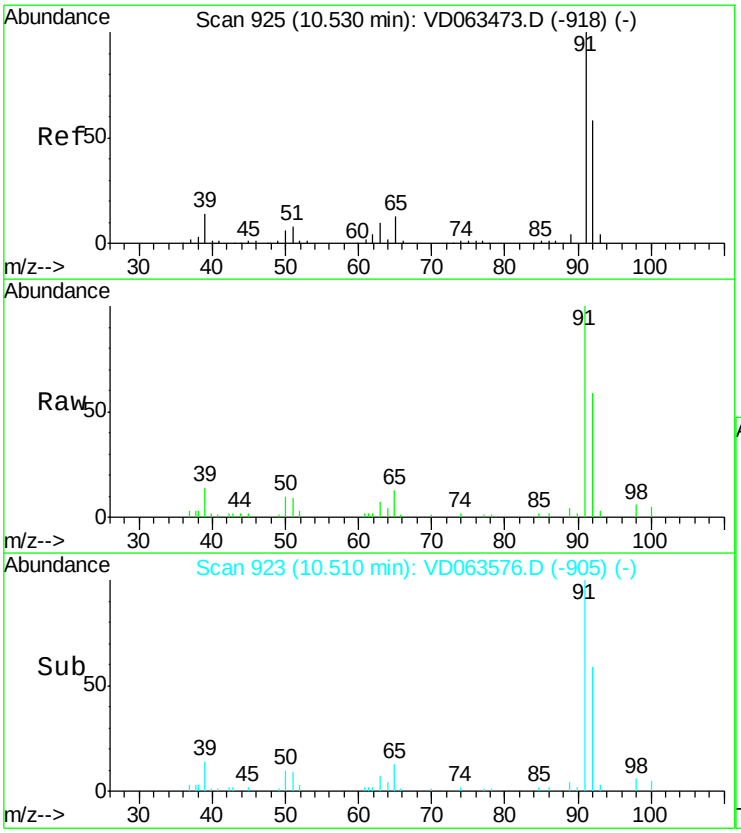
#50
Toluene-d8
Concen: 43.849 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 995984

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.7	77.5

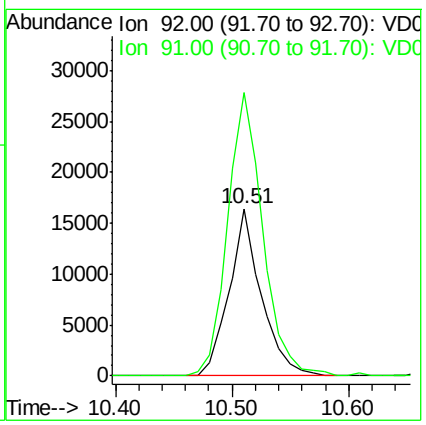


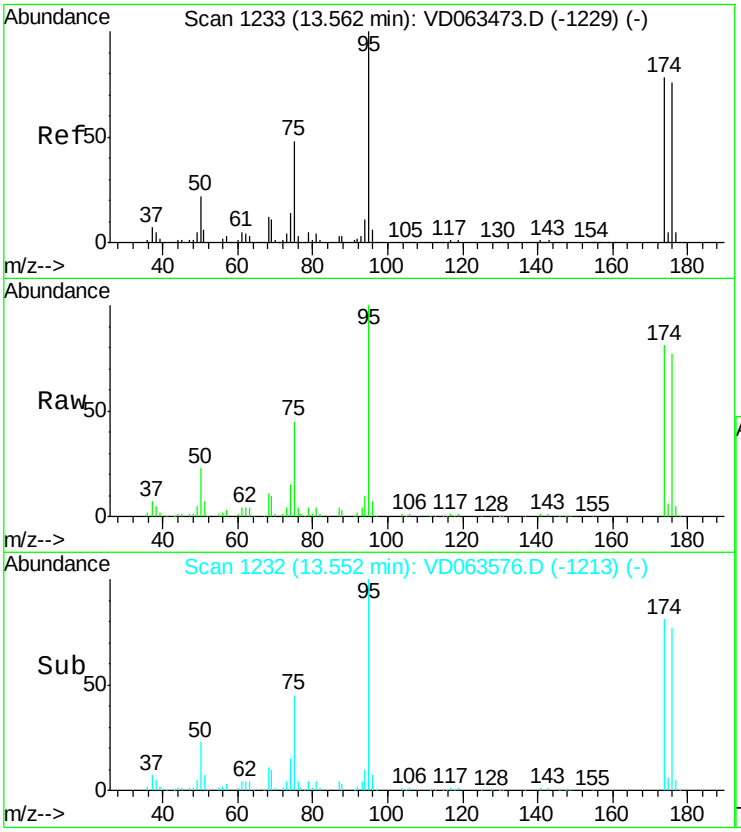


#52
Toluene
Concen: 2.042 ug/l
RT: 10.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Tgt Ion: 92 Resp: 31382

Ion	Ratio	Lower	Upper
92	100		
91	169.1	137.9	206.9



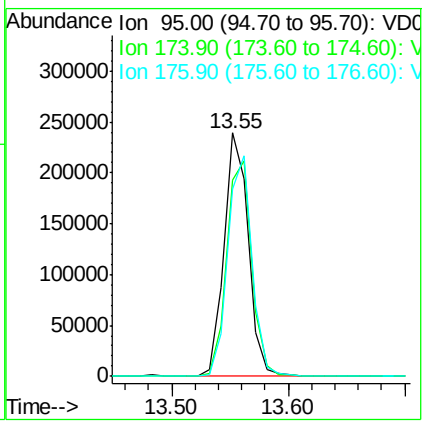


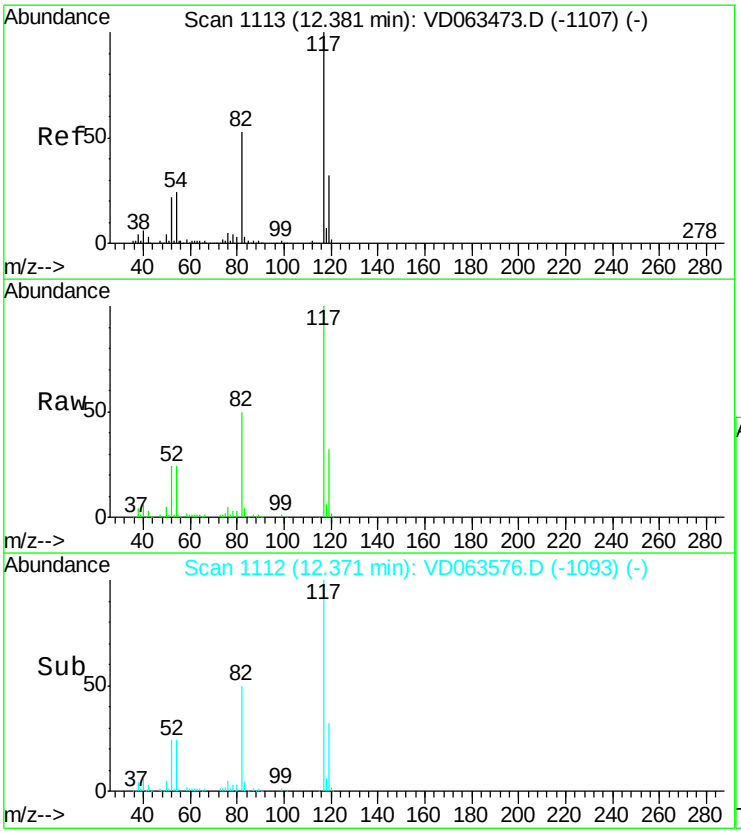
#62
4-Bromofluorobenzene
Concen: 33.498 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 344865

Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	155.4
176	77.1	0.0	152.4

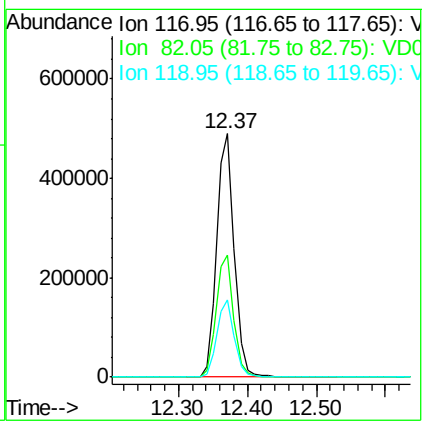


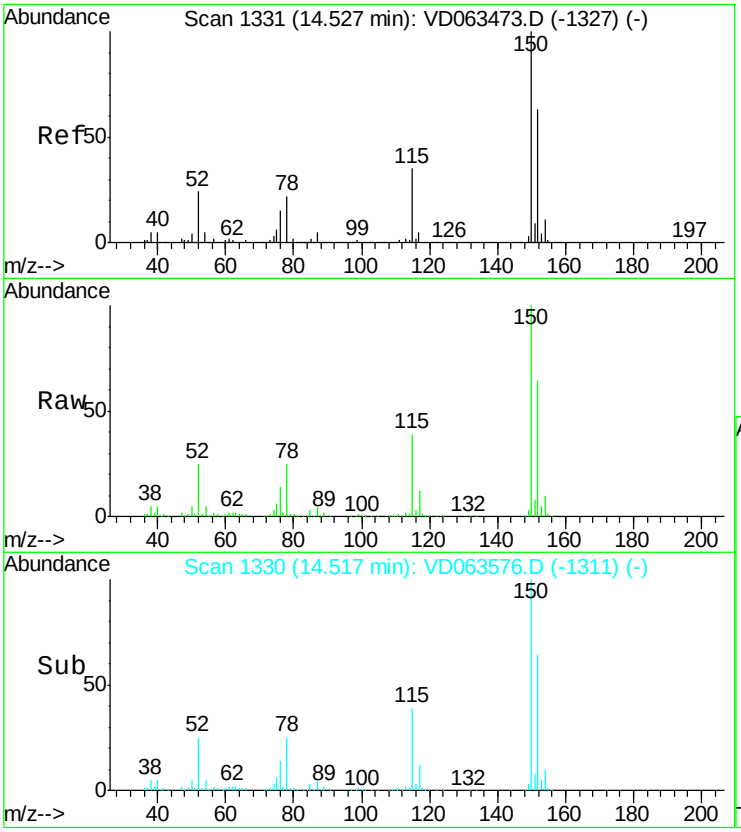


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Tgt Ion:117 Resp: 857465

Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.0	63.0
119	31.9	25.4	38.0



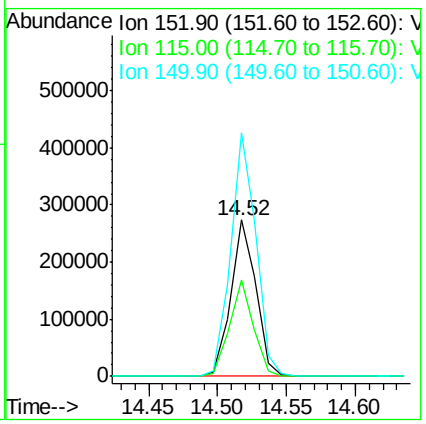


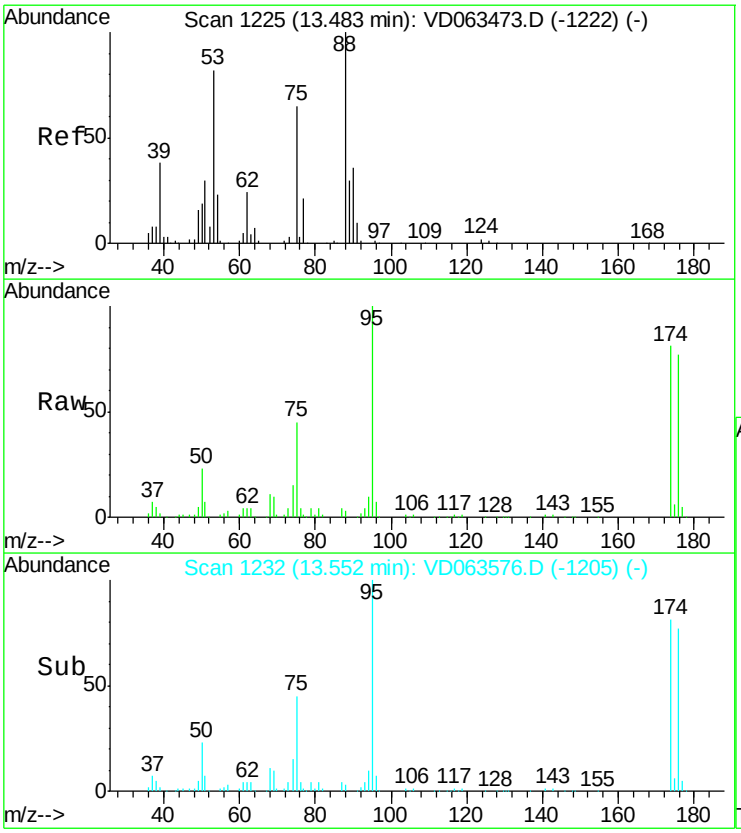
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 345557

Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.9	92.7
150	156.0	0.0	318.6





#81
trans-1,4-Dichloro-2-butene
Concen: 143.852 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Tgt Ion: 75 Resp: 153334

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