Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112019\
Data File : VD064313.D
Acq On : 20 Nov 2019 15:18
Operator : VA/SY
Sample : K5951-01
Misc : 8.24G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : IRONBOUND-4FT

Quant Time: Nov 20 15:48:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	76950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	115225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	105732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	57294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	42415	67.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 134.04%			
35) Dibromofluoromethane	7.92	113	36157	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.34%			
50) Toluene-d8	10.34	98	131444	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.36%			
62) 4-Bromofluorobenzene	12.64	95	46253	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.06%			
Target Compounds						Qvalue
5) Bromomethane	2.79	94	1086	2.349	ug/l #	2
10) Methyl Iodide	4.31	142	215	2.298	ug/l #	41
11) Tert butyl alcohol	5.47	59	58	1.312	ug/l #	1
13) Acrolein	3.91	56	64	1.711	ug/l #	15
16) Acetone	4.17	43	344	2.294	ug/l #	42
20) Methylene Chloride	4.95	84	1947	2.571	ug/l #	43
25) 2-Butanone	7.20	43	486	2.509	ug/l #	49
29) Tetrahydrofuran	7.58	42	157	1.349	ug/l #	35
31) Cyclohexane	7.98	56	1806	1.454	ug/l #	48
36) 1,1-Dichloropropene	7.98	75	5620	5.285	ug/l #	47
38) Carbon Tetrachloride	7.98	117	6702	5.890	ug/l #	19
41) Methacrylonitrile	7.51	41	324	1.150	ug/l #	83
49) 1,4-Dioxane	9.43	88	64	14.071	ug/l #	1
59) 2-Hexanone	11.00	43	407	1.291	ug/l #	56
76) 1,2,3-Trichloropropane	12.64	75	24294	52.643	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	24294	104.570	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.49	75	145	1.280	ug/l #	1
95) Naphthalene	15.40	128	2274	1.120	ug/l #	88

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

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IRONBOUND-4FT

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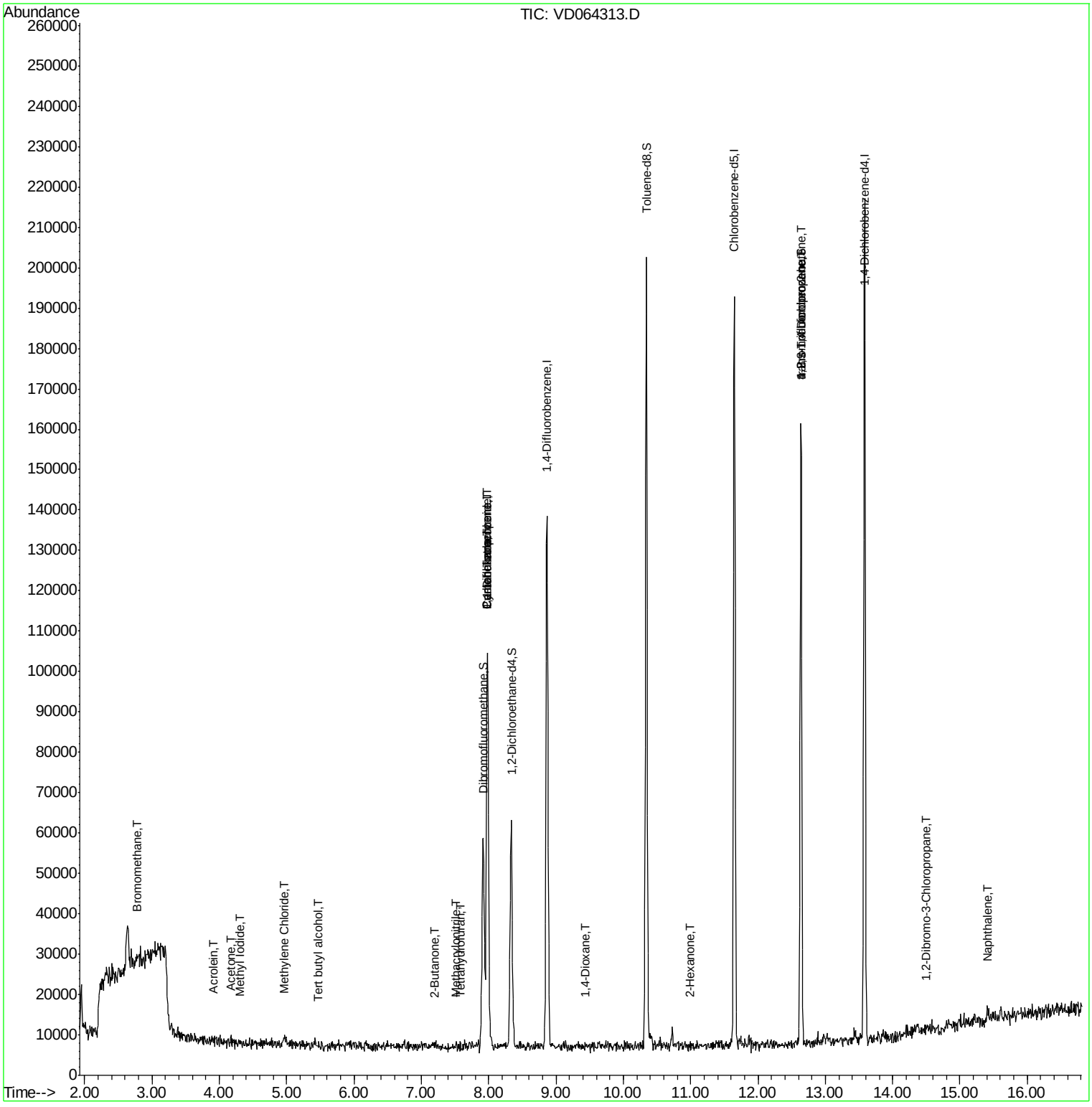
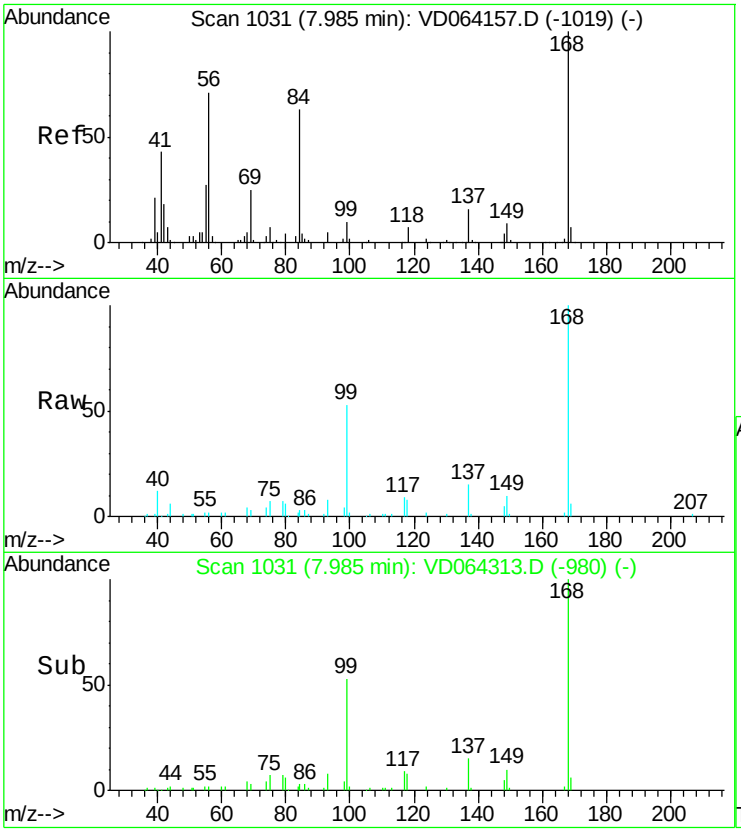


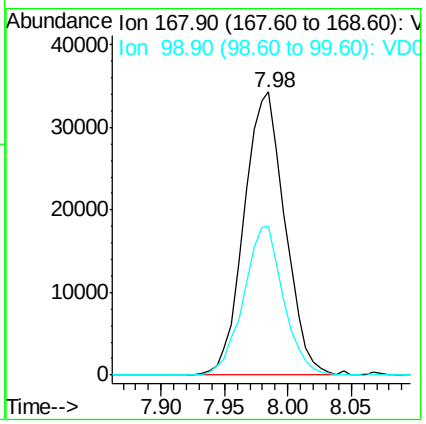


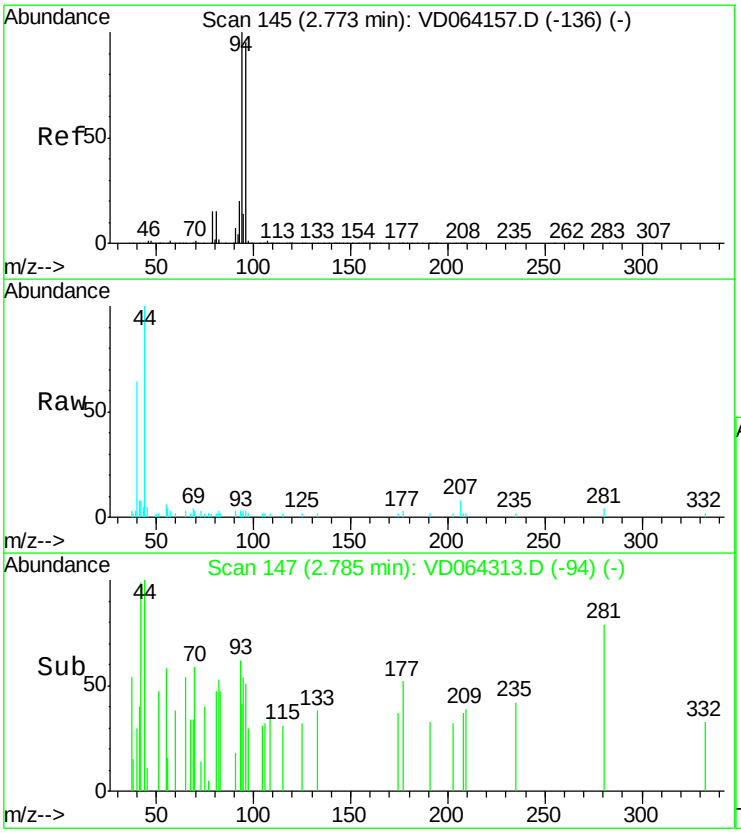
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
IRONBOUND-4FT

Tgt Ion:168 Resp: 76950

Ion	Ratio	Lower	Upper
168	100		
99	52.6	41.6	62.4

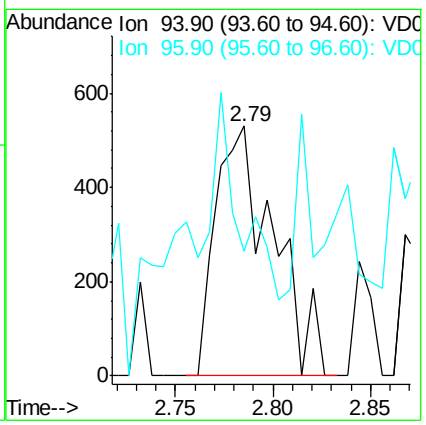


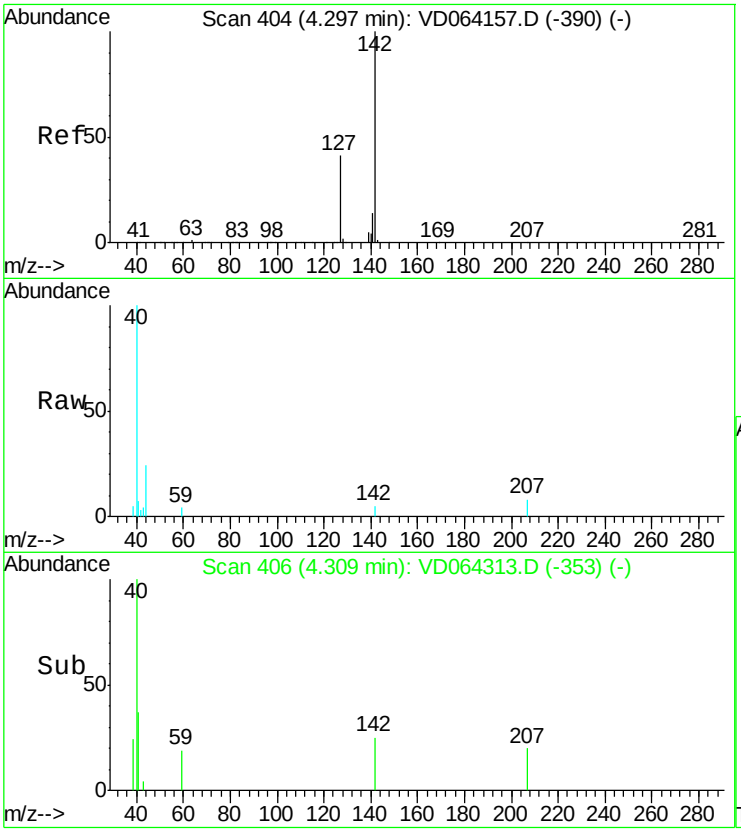


#5
Bromomethane
Concen: 2.349 ug/l
RT: 2.79 min Scan# 147
Delta R.T. 0.01 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion: 94 Resp: 1086

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.2	114.4#



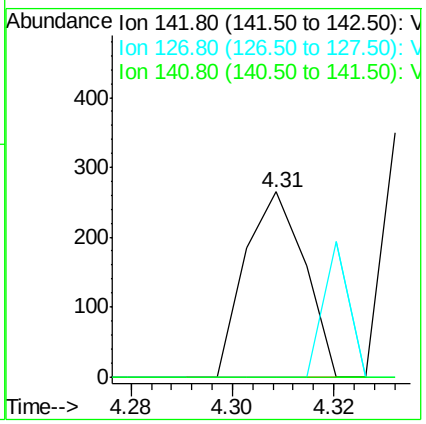


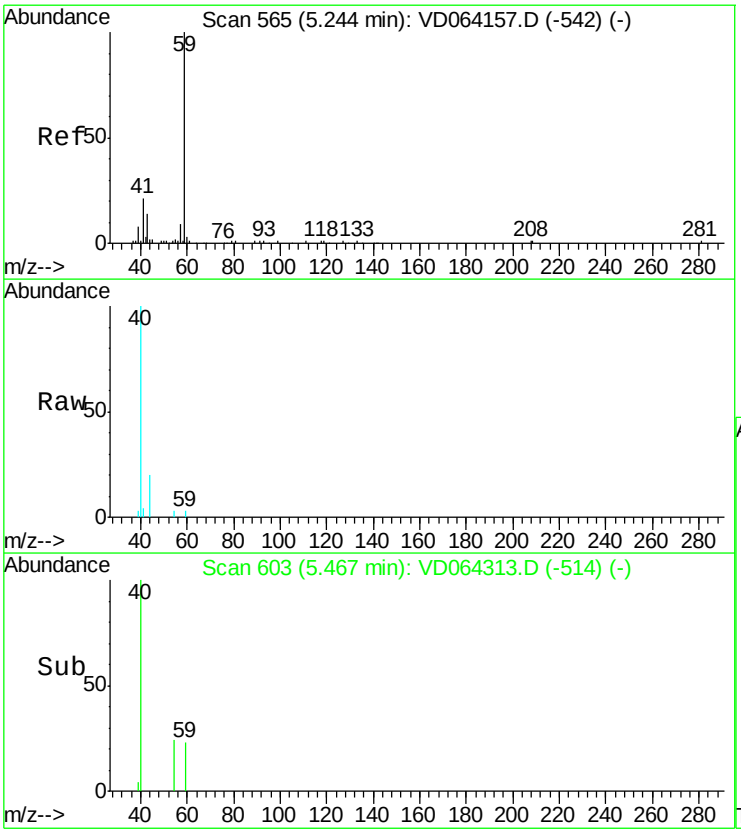
#10
Methyl Iodide
Concen: 2.298 ug/l
RT: 4.31 min Scan# 406
Delta R.T. 0.01 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument : MSVOA_D
ClientSampleId : IRONBOUND-4FT

Tgt Ion:142 Resp: 215

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.4	51.6#
141	0.0	11.2	16.8#

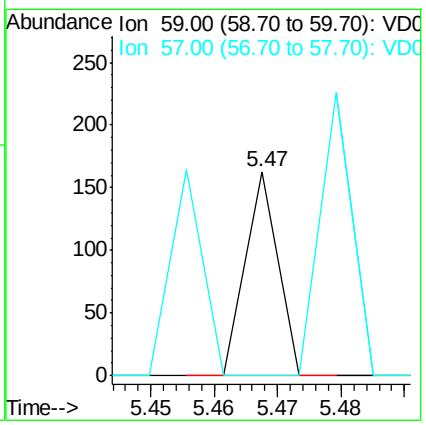


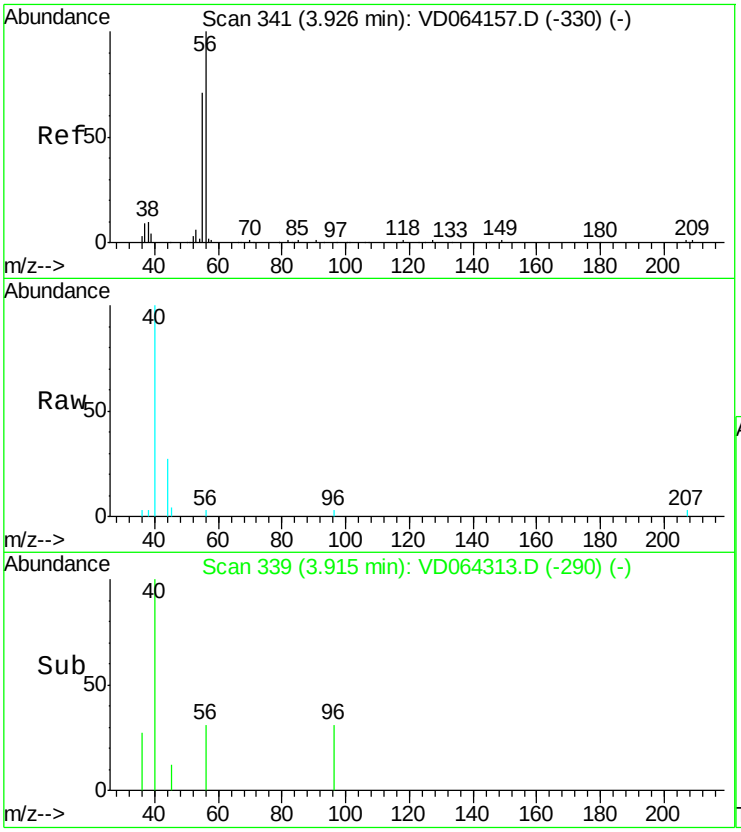


#11
Tert butyl alcohol
Concen: 1.312 ug/l
RT: 5.47 min Scan# 603
Delta R.T. 0.22 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion: 59 Resp: 58

Ion	Ratio	Lower	Upper
59	100		
57	137.9	9.4	14.2#



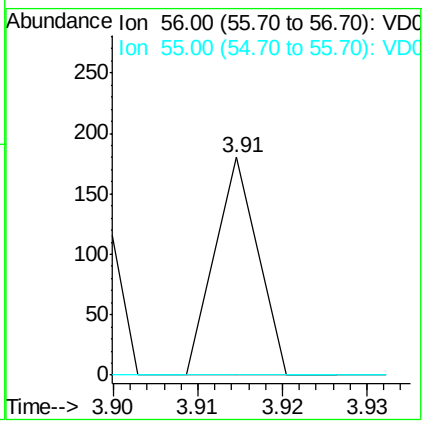


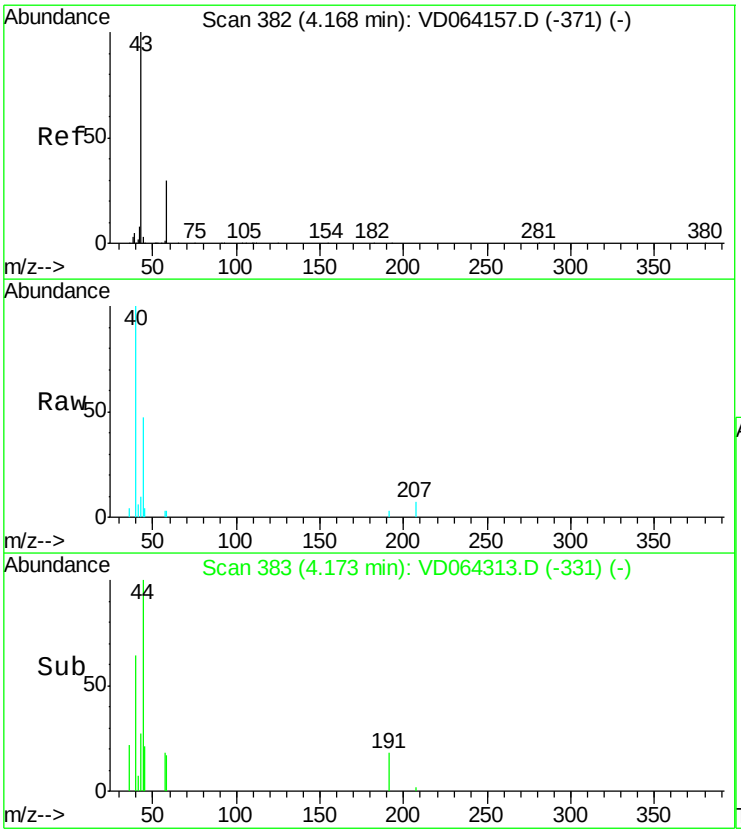
#13
Acrolein
Concen: 1.711 ug/l
RT: 3.91 min Scan# 339
Delta R.T. -0.01 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument : MSVOA_D
ClientSampleId : IRONBOUND-4FT

Tgt Ion: 56 Resp: 64

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.1	84.1#

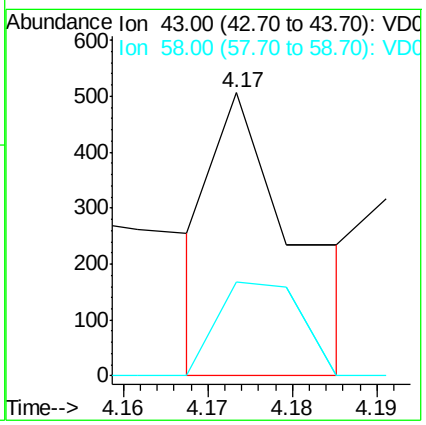


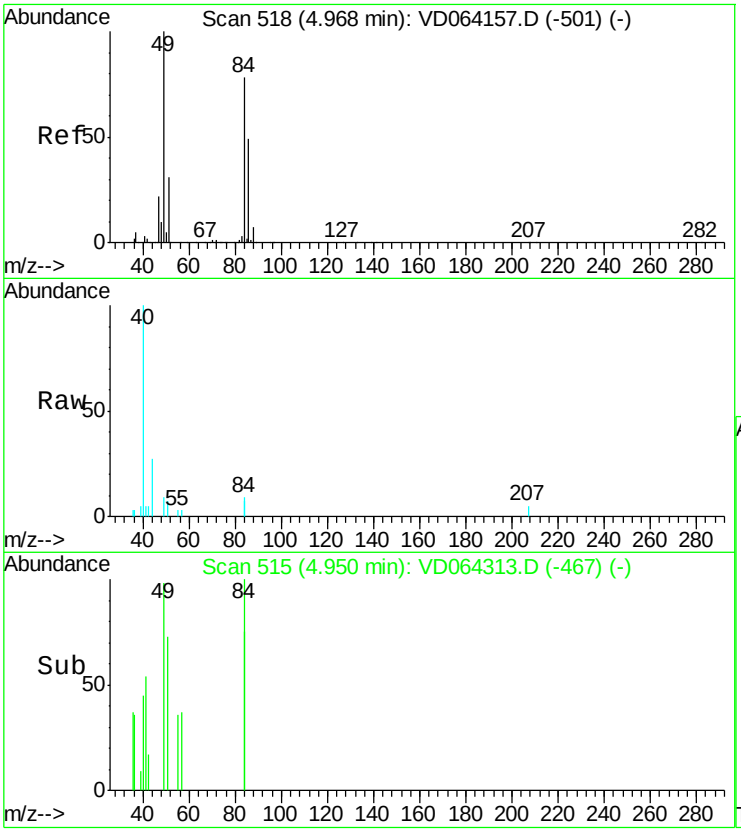


#16
Acetone
Concen: 2.294 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.01 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion: 43 Resp: 344

Ion	Ratio	Lower	Upper
43	100		
58	61.8	24.1	36.1#



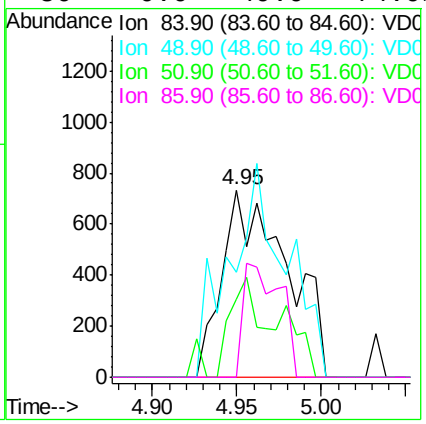


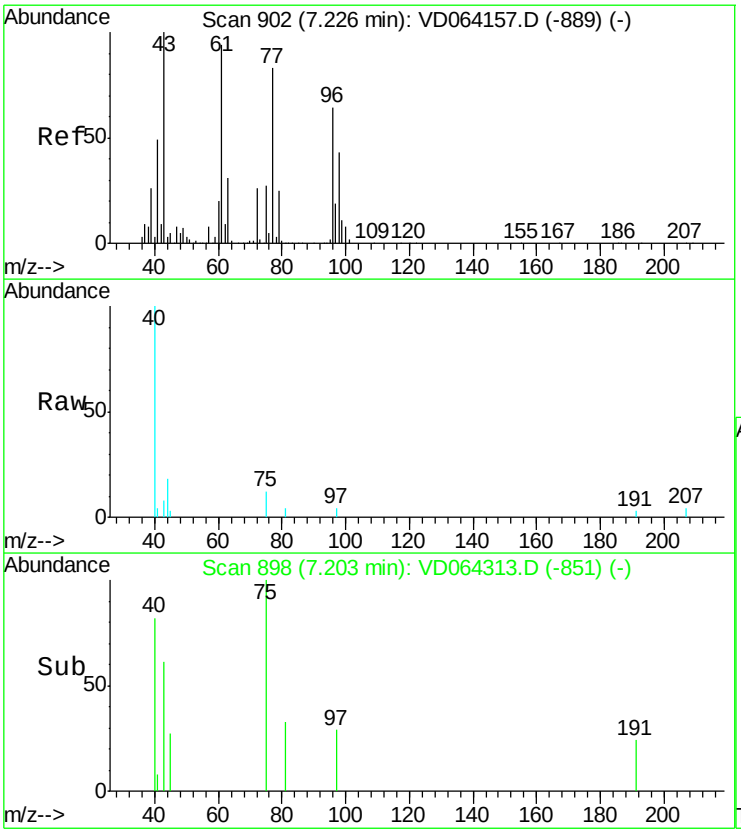
#20
Methylene Chloride
Concen: 2.571 ug/l
RT: 4.95 min Scan# 515
Delta R.T. -0.02 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument : MSVOA_D
ClientSampleId : IRONBOUND-4FT

Tgt Ion: 84 Resp: 1947

Ion	Ratio	Lower	Upper
84	100		
49	55.9	102.1	153.1#
51	42.0	32.2	48.2
86	0.0	49.9	74.9#

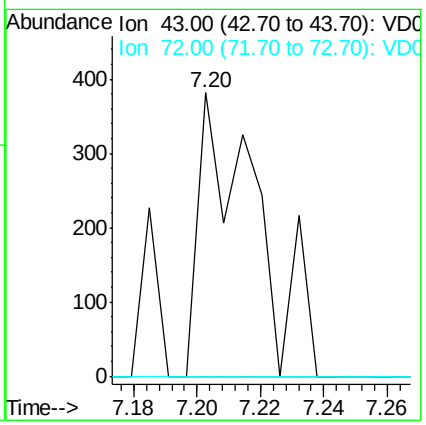


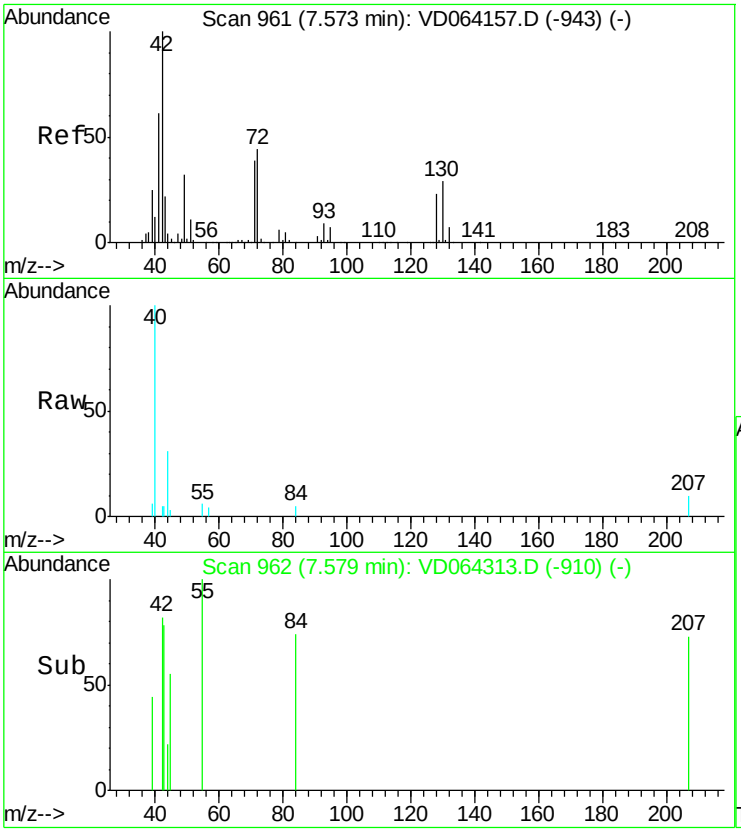


#25
2-Butanone
Concen: 2.509 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.02 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion: 43 Resp: 486

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.6	30.8#



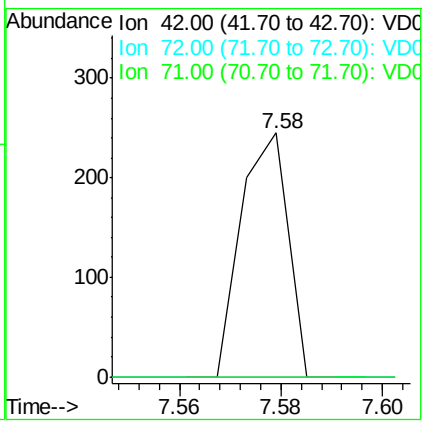


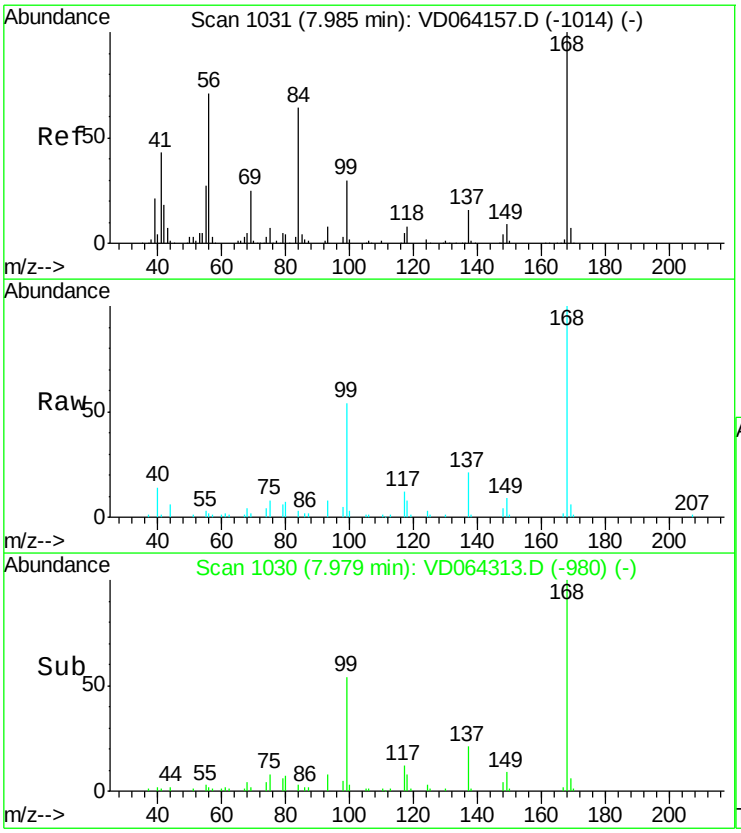
#29
Tetrahydrofuran
Concen: 1.349 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.01 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
IRONBOUND-4FT

Tgt Ion: 42 Resp: 157

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.4	50.2#
71	0.0	31.0	46.4#

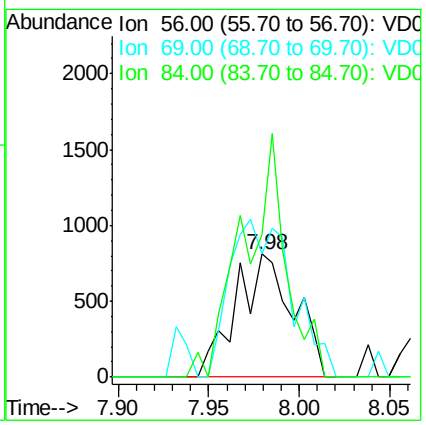


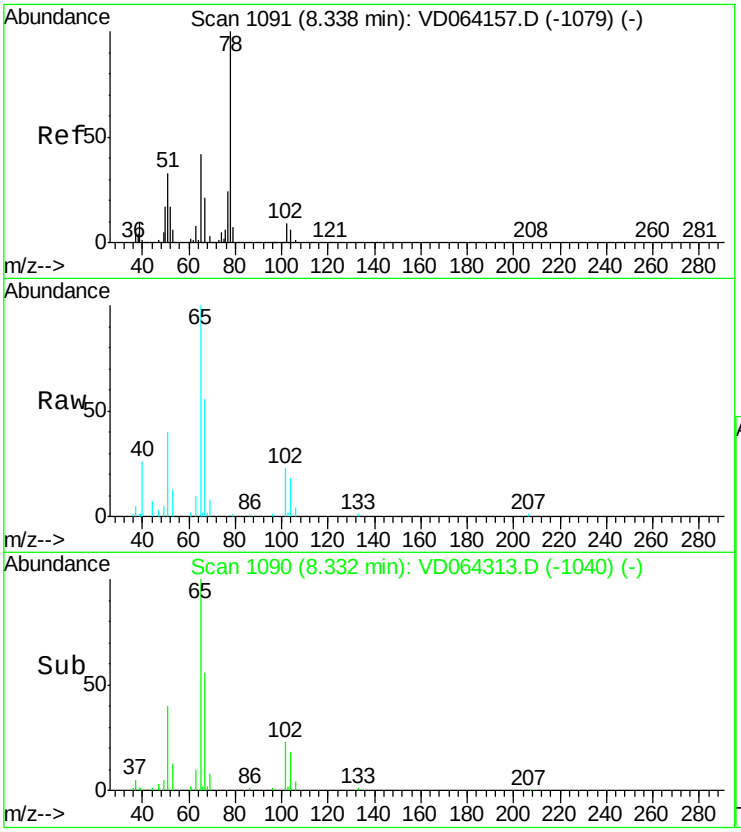


#31
Cyclohexane
Concen: 1.454 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion: 56 Resp: 1806

Ion	Ratio	Lower	Upper
56	100		
69	100.9	28.2	42.4#
84	116.4	71.8	107.6#



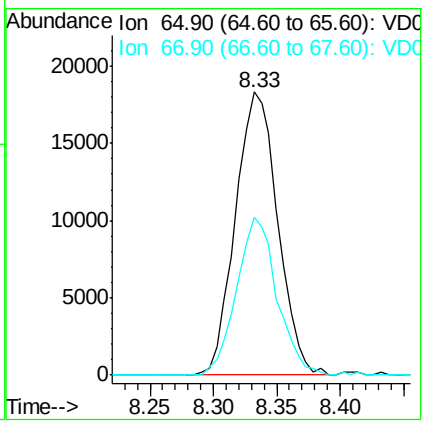


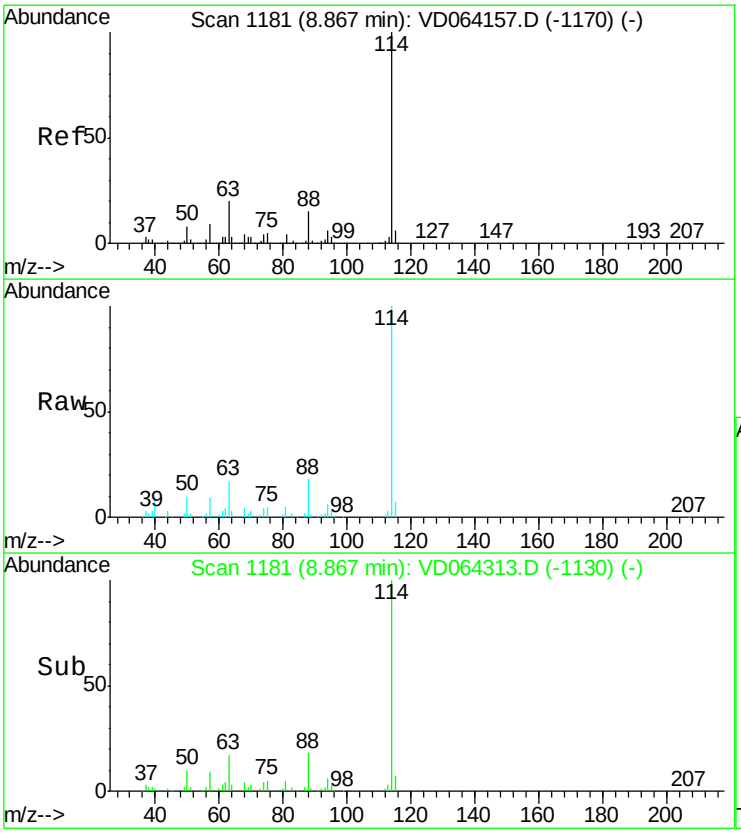
#33
1,2-Dichloroethane-d4
Concen: 67.020 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
IRONBOUND-4FT

Tgt Ion: 65 Resp: 42415

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	104.4

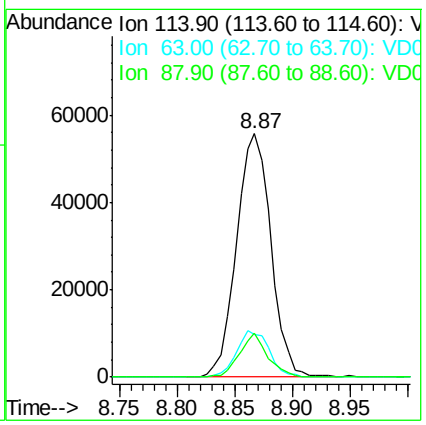


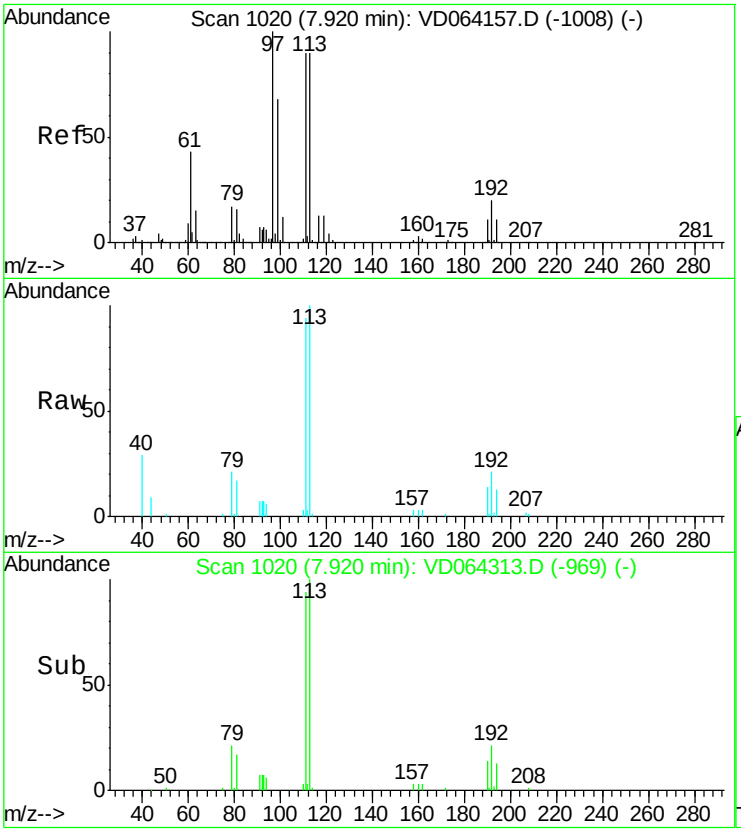


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion:114 Resp: 115225

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	40.0
88	18.2	0.0	30.2



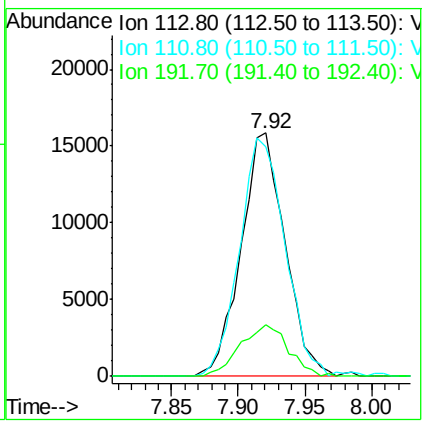


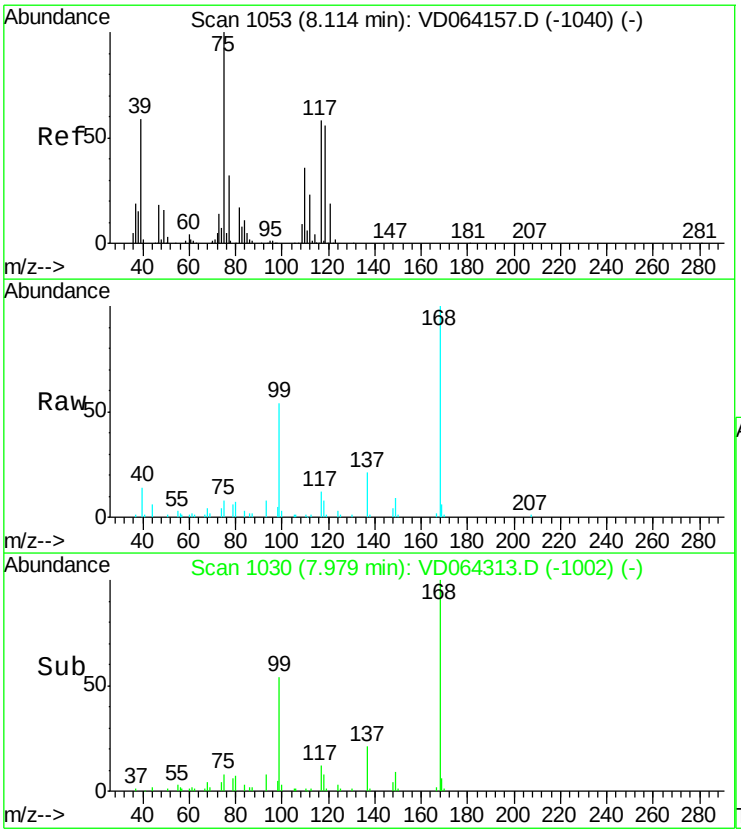
#35
Dibromofluoromethane
Concen: 54.667 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
IRONBOUND-4FT

Tgt Ion:113 Resp: 36157

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.5	122.3
192	23.1	18.8	28.2

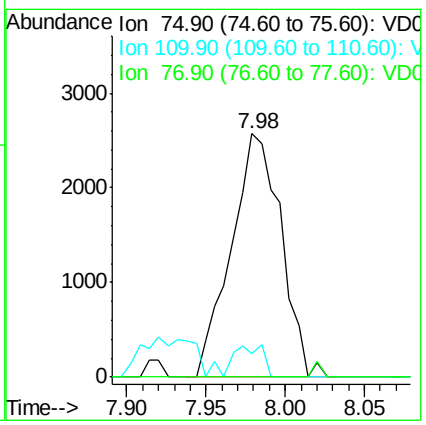


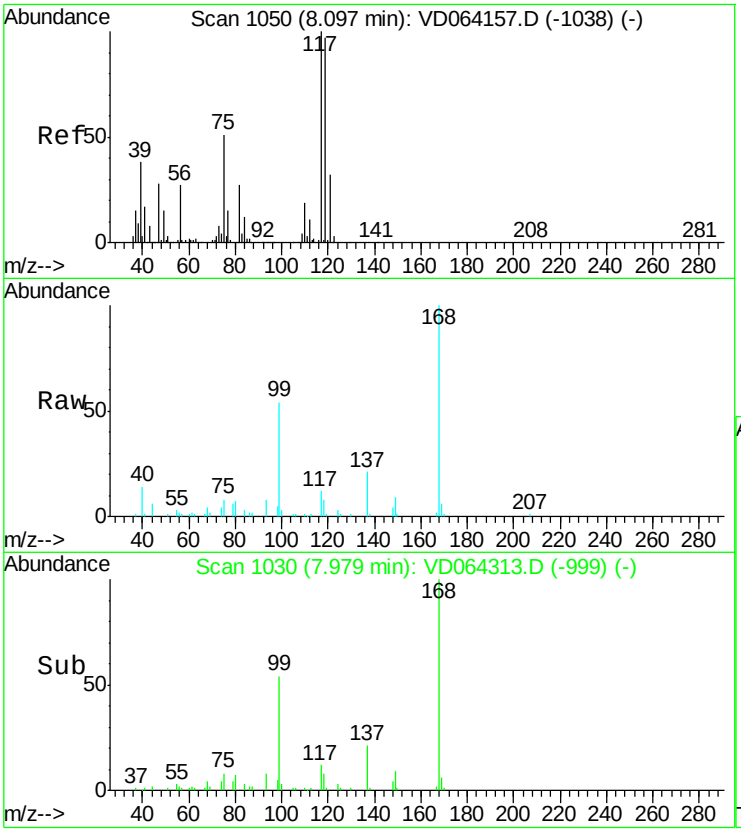


#36
1,1-Dichloropropene
Concen: 5.285 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion: 75 Resp: 5620

Ion	Ratio	Lower	Upper
75	100		
110	7.4	18.3	54.9#
77	0.0	25.0	37.6#



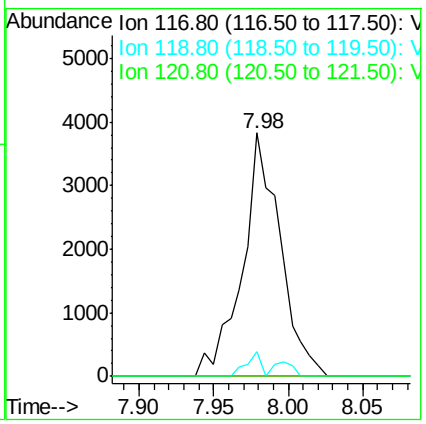


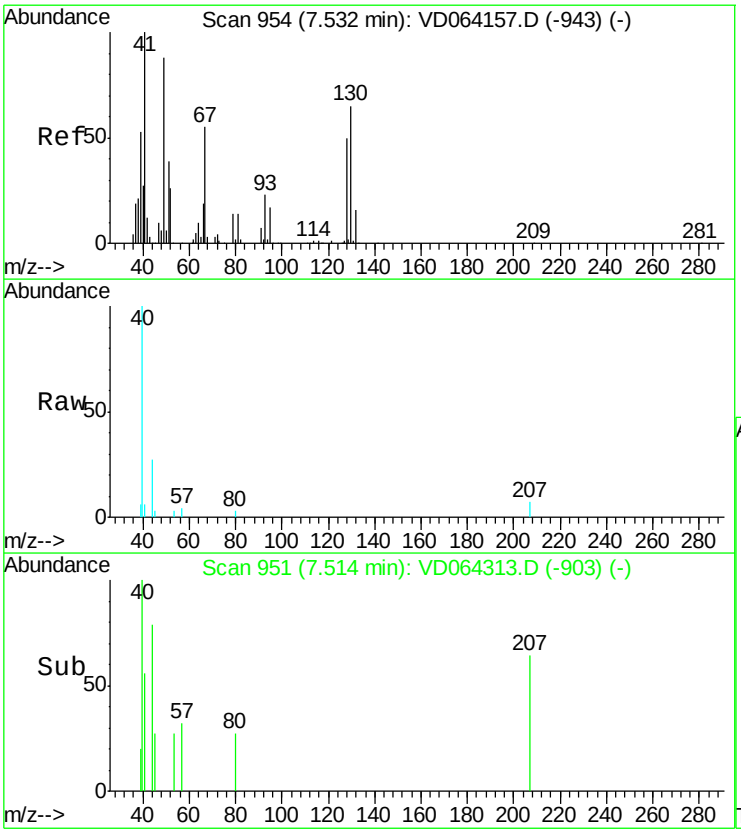
#38
Carbon Tetrachloride
Concen: 5.890 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument : MSVOA_D
ClientSampleId : IRONBOUND-4FT

Tgt Ion:117 Resp: 6702

Ion	Ratio	Lower	Upper
117	100		
119	10.1	77.2	115.8#
121	0.0	25.5	38.3#

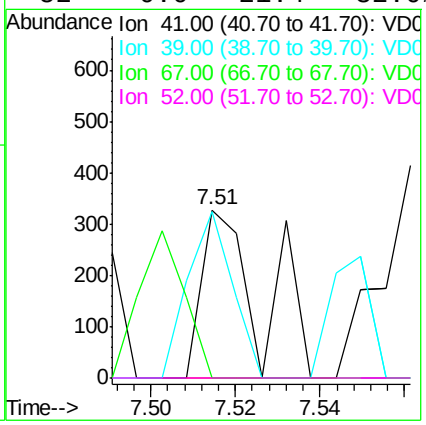


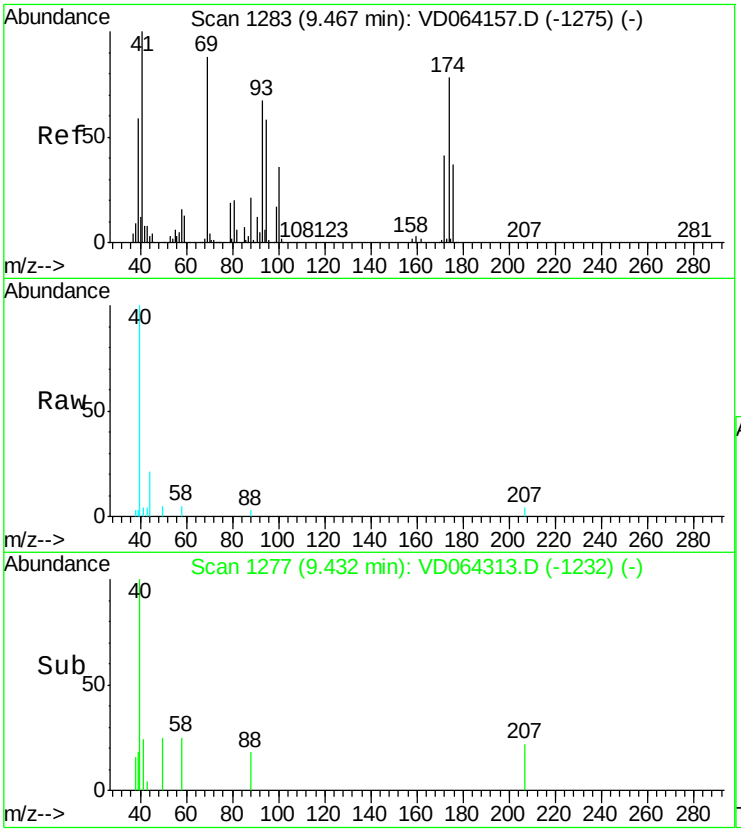


#41
Methacrylonitrile
Concen: 1.150 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.02 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion: 41 Resp: 324

Ion	Ratio	Lower	Upper
41	100		
39	73.1	49.4	74.2
67	65.7	49.6	74.4
52	0.0	21.4	32.0#



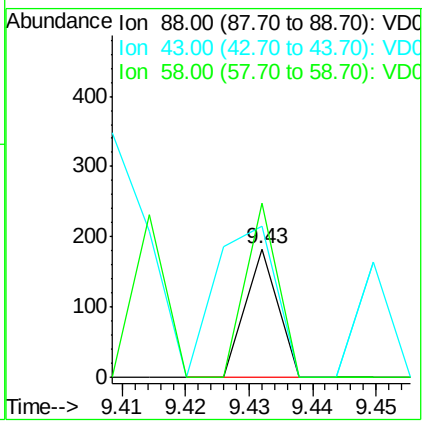


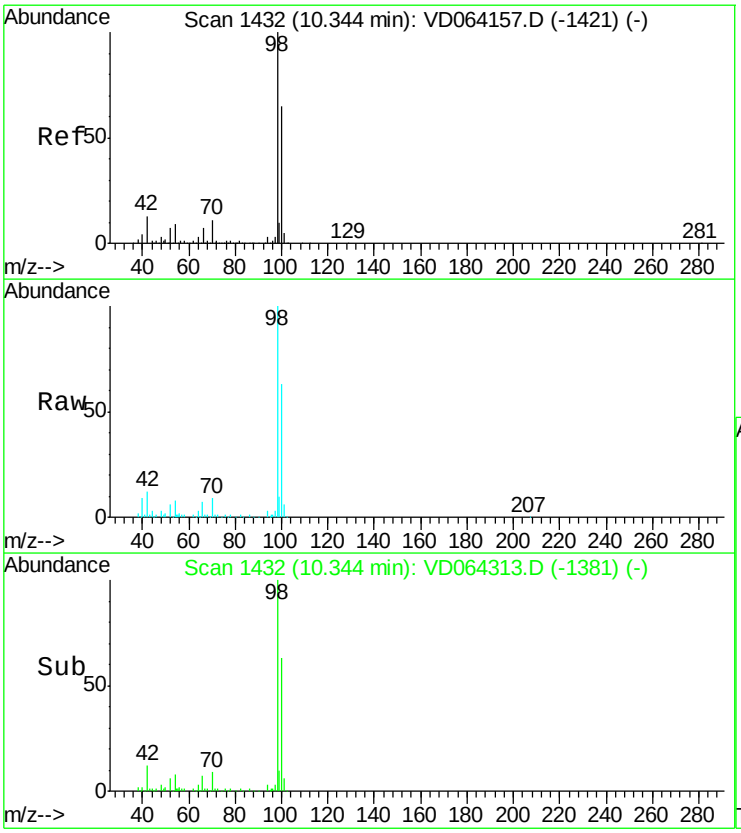
#49
1,4-Dioxane
Concen: 14.071 ug/l
RT: 9.43 min Scan# 1277
Delta R.T. -0.04 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
IRONBOUND-4FT

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	220.3	29.8	44.8#
58	135.9	58.1	87.1#

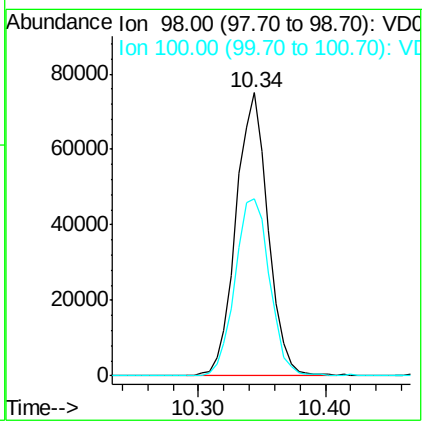


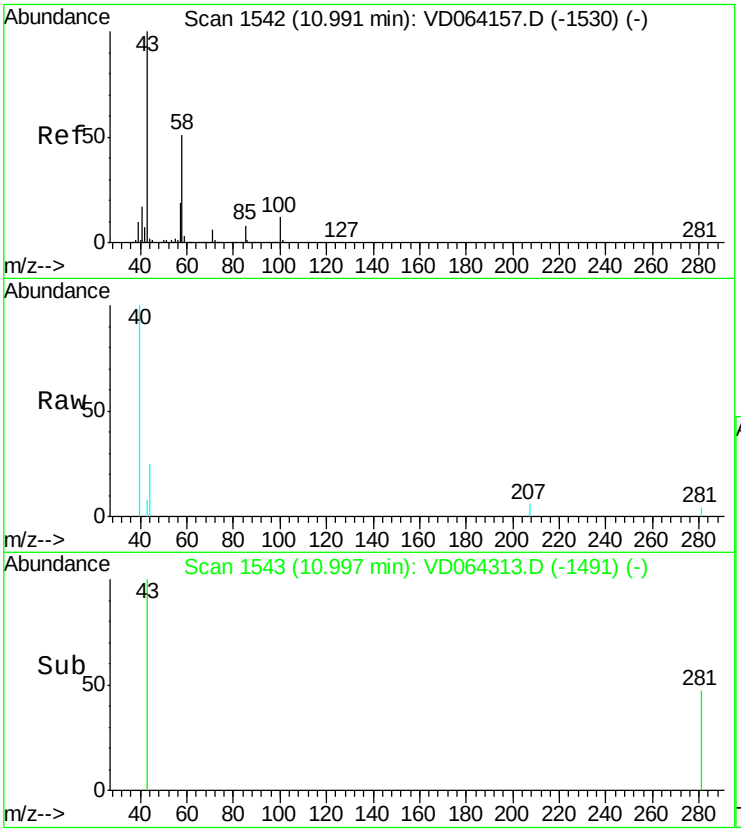


#50
Toluene-d8
Concen: 52.680 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion: 98 Resp: 131444

Ion	Ratio	Lower	Upper
98	100		
100	67.4	52.6	78.8



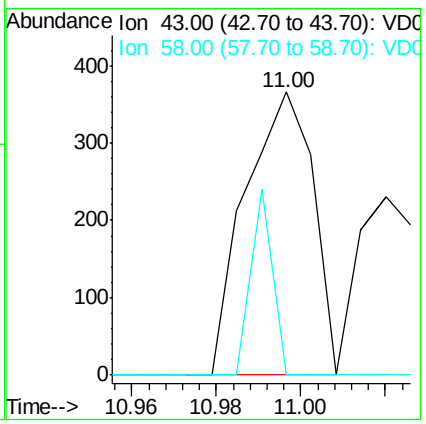


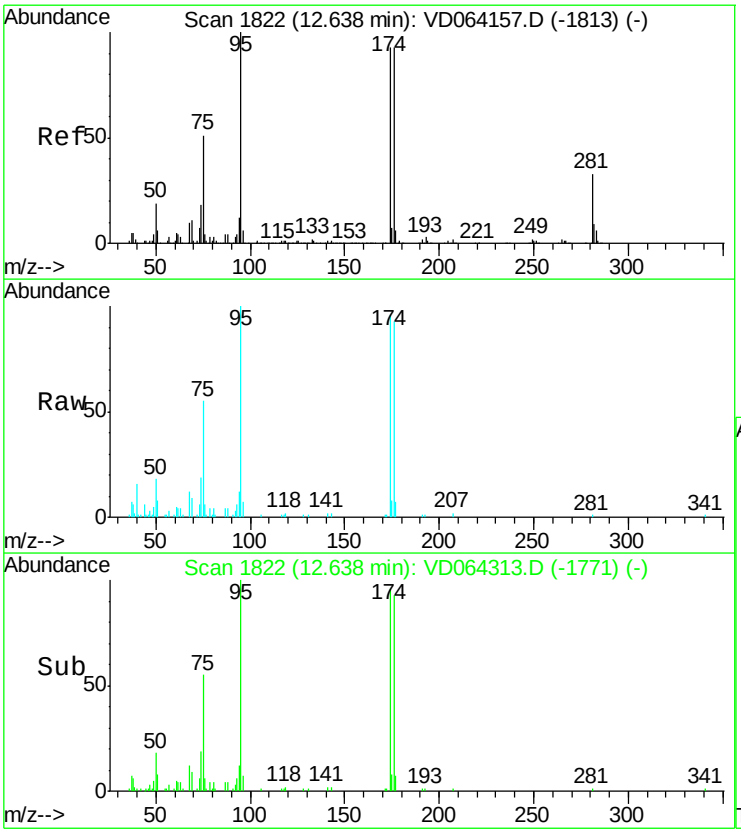
#59
2-Hexanone
Concen: 1.291 ug/l
RT: 11.00 min Scan# 1543
Delta R.T. 0.01 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
IRONBOUND-4FT

Tgt Ion: 43 Resp: 407

Ion	Ratio	Lower	Upper
43	100		
58	20.9	25.9	77.7#

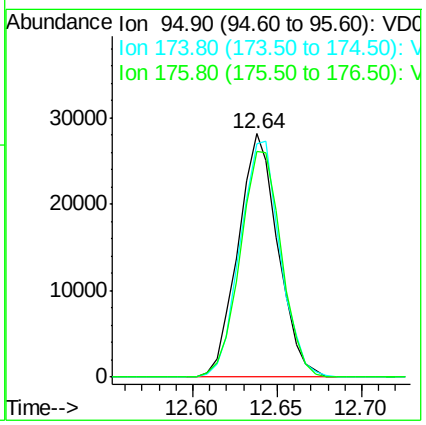


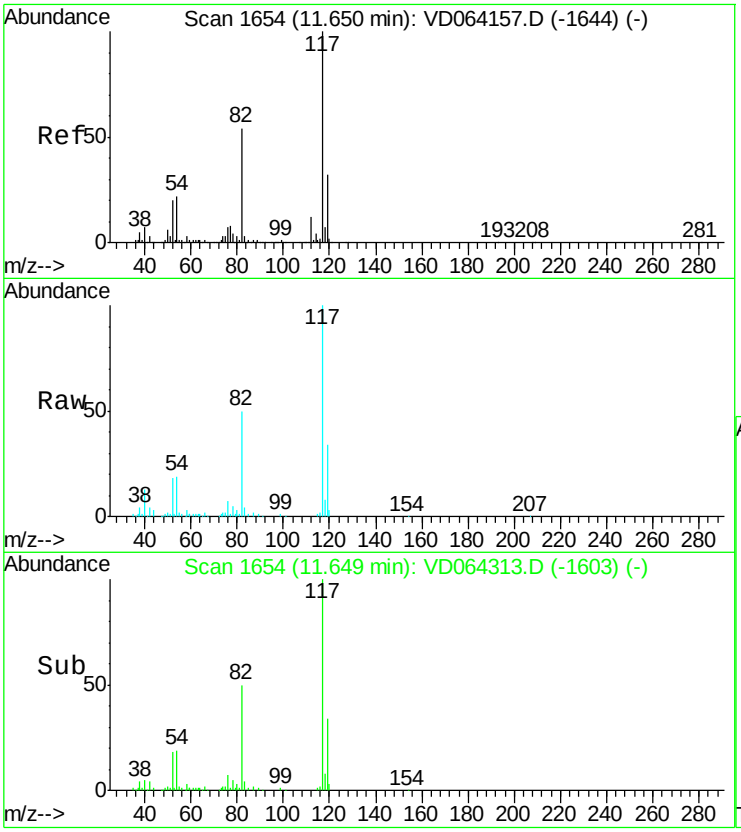


#62
4-Bromofluorobenzene
Concen: 53.529 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion: 95 Resp: 46253

Ion	Ratio	Lower	Upper
95	100		
174	97.9	0.0	183.6
176	95.9	0.0	180.2



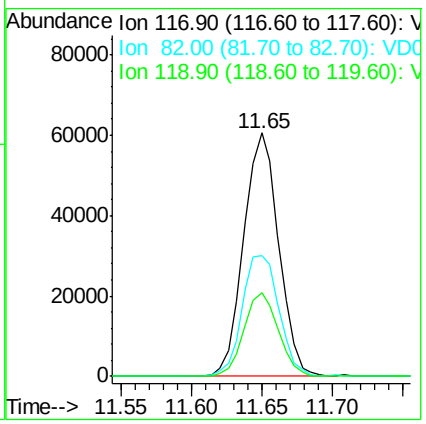


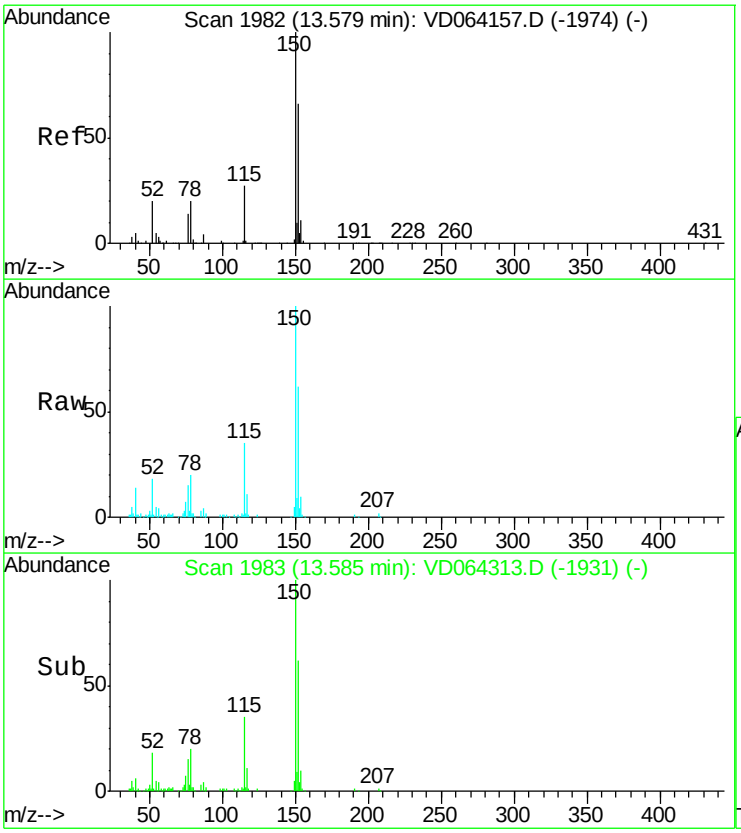
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument : MSVOA_D
ClientSampleId : IRONBOUND-4FT

Tgt Ion:117 Resp: 105732

Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.8	64.2
119	34.2	25.6	38.4

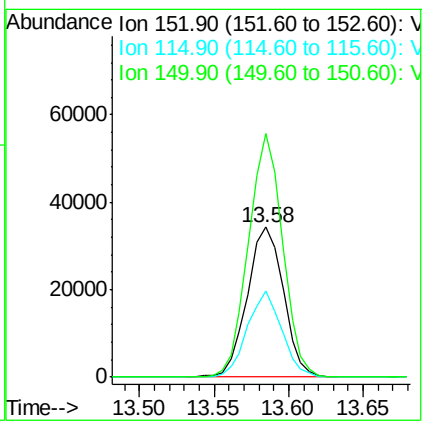


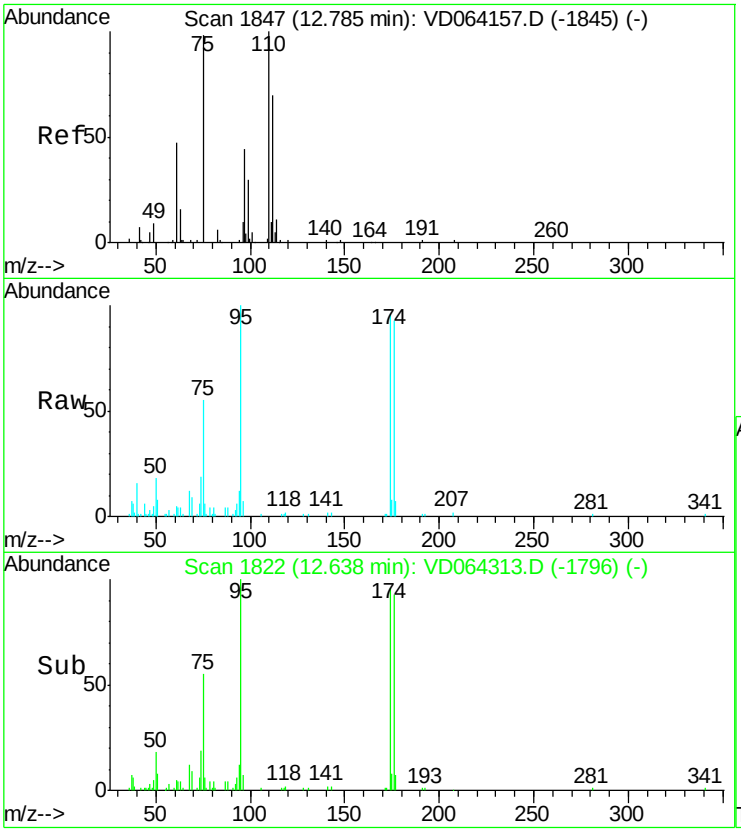


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion:152 Resp: 57294

Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.4	82.2
150	153.3	0.0	351.6



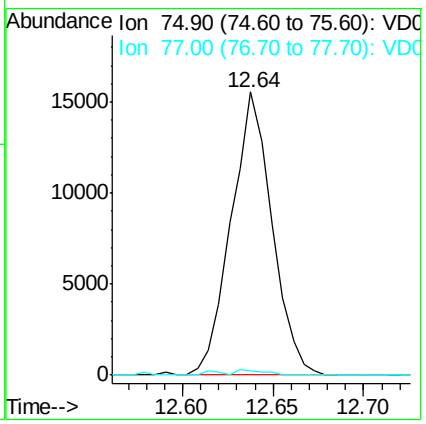


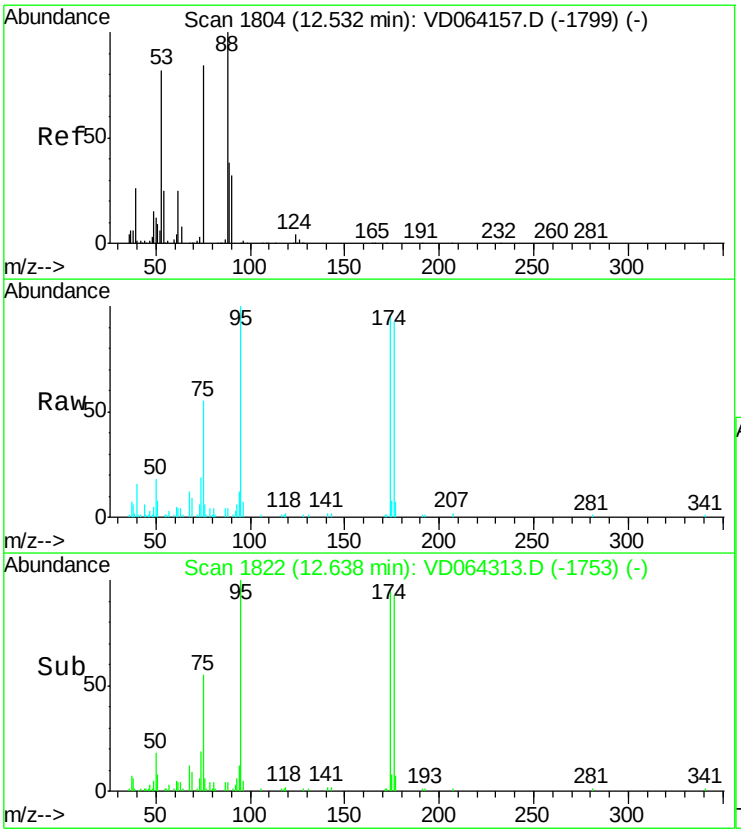
#76
1,2,3-Trichloropropane
Concen: 52.643 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
IRONBOUND-4FT

Tgt Ion: 75 Resp: 24294

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

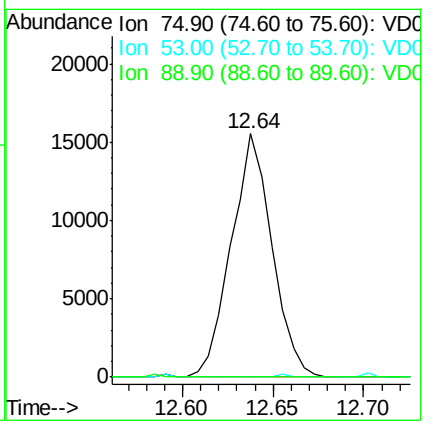


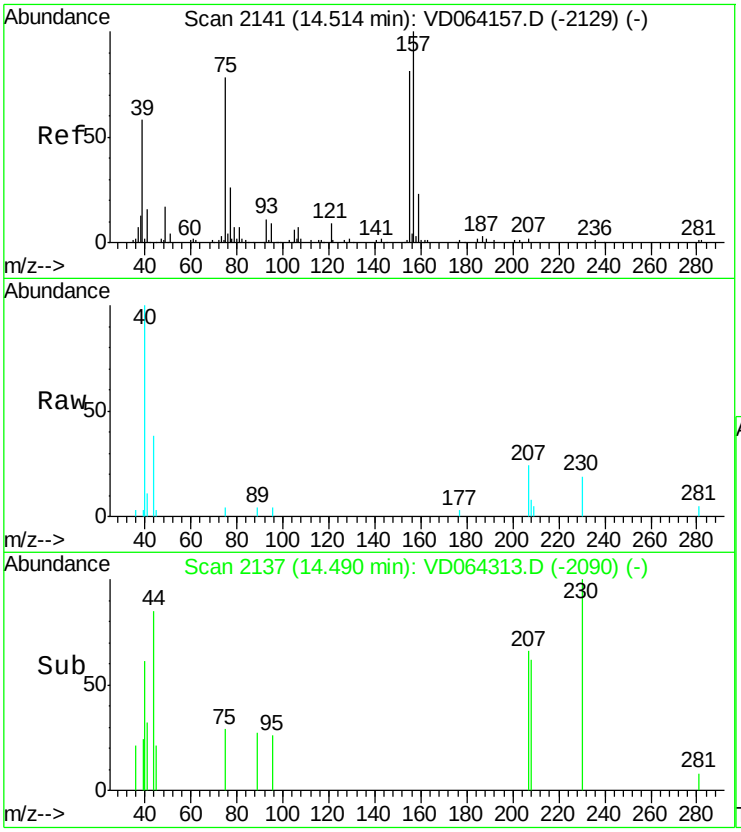


#81
trans-1,4-Dichloro-2-butene
Concen: 104.570 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion: 75 Resp: 24294

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.4	119.0#
89	0.0	36.6	55.0#



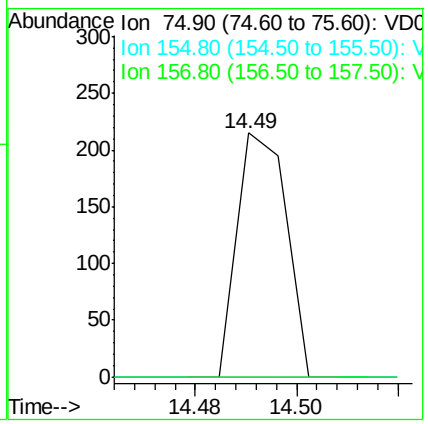


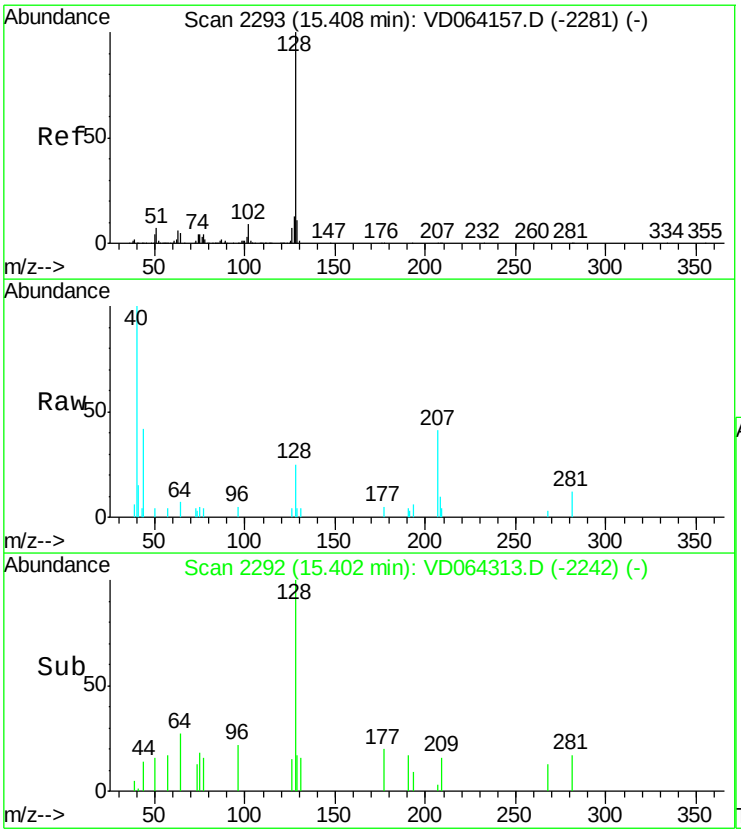
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.280 ug/l
RT: 14.49 min Scan# 2137
Delta R.T. -0.02 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
IRONBOUND-4FT

Tgt Ion: 75 Resp: 145

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.0	144.0#
157	0.0	61.5	184.4#





#95
Naphthalene
Concen: 1.120 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD064313.D
Acq: 20 Nov 2019 15:18

Tgt Ion:128 Resp: 2274

Ion	Ratio	Lower	Upper
128	100		
127	6.0	10.5	15.7#
129	8.5	8.6	13.0#