Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111419\
Data File : VD064212.D
Acq On : 14 Nov 2019 13:40
Operator : VA/SY
Sample : K5668-05
Misc : 5.16G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Nov 15 05:52:36 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	867068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1260309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1334862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	717067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	343966	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.46%			
35) Dibromofluoromethane	7.92	113	372885	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.08%			
50) Toluene-d8	10.34	98	1520710	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.44%			
62) 4-Bromofluorobenzene	12.64	95	638624	67.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 135.14%			
Target Compounds						Qvalue
10) Methyl Iodide	4.30	142	2493	2.305	ug/l #	93
11) Tert butyl alcohol	5.19	59	44939	90.225	ug/l #	69
13) Acrolein	3.94	56	876	2.079	ug/l	95
16) Acetone	4.17	43	39611	23.447	ug/l	98
20) Methylene Chloride	4.96	84	10050	1.178	ug/l #	87
25) 2-Butanone	7.23	43	20572	9.426	ug/l #	83
26) 2,2-Dichloropropane	7.22	77	26752	1.966	ug/l #	57
29) Tetrahydrofuran	7.59	42	3116	2.376	ug/l #	85
31) Cyclohexane	7.98	56	21087	1.507	ug/l #	33
38) Carbon Tetrachloride	7.98	117	79296	6.371	ug/l #	16
49) 1,4-Dioxane	9.34	88	70	1.407	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	329657	57.076	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	329657	113.375	ug/l #	10

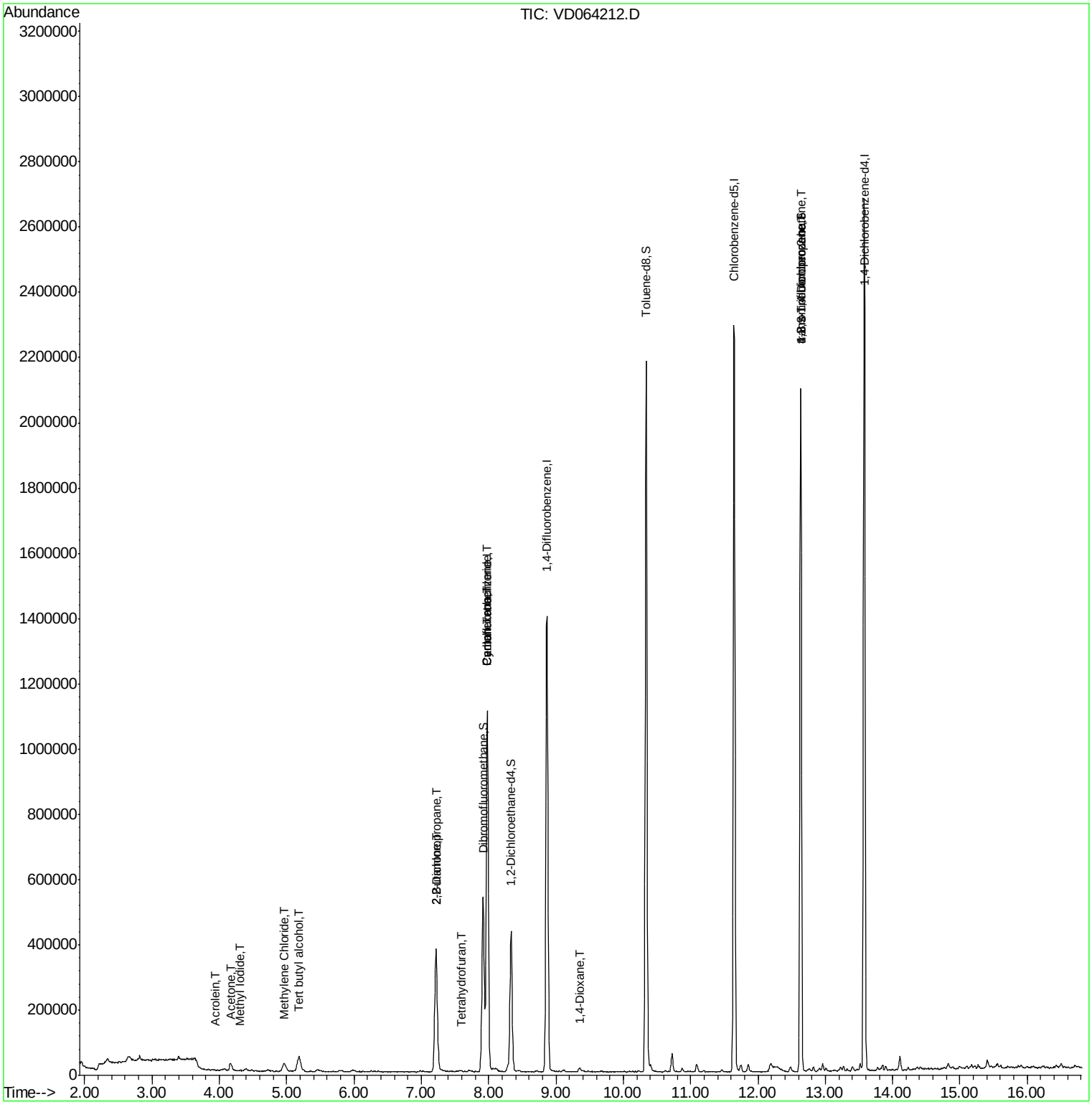
(#) = qualifier out of range (m) = manual integration (+) = signals summed

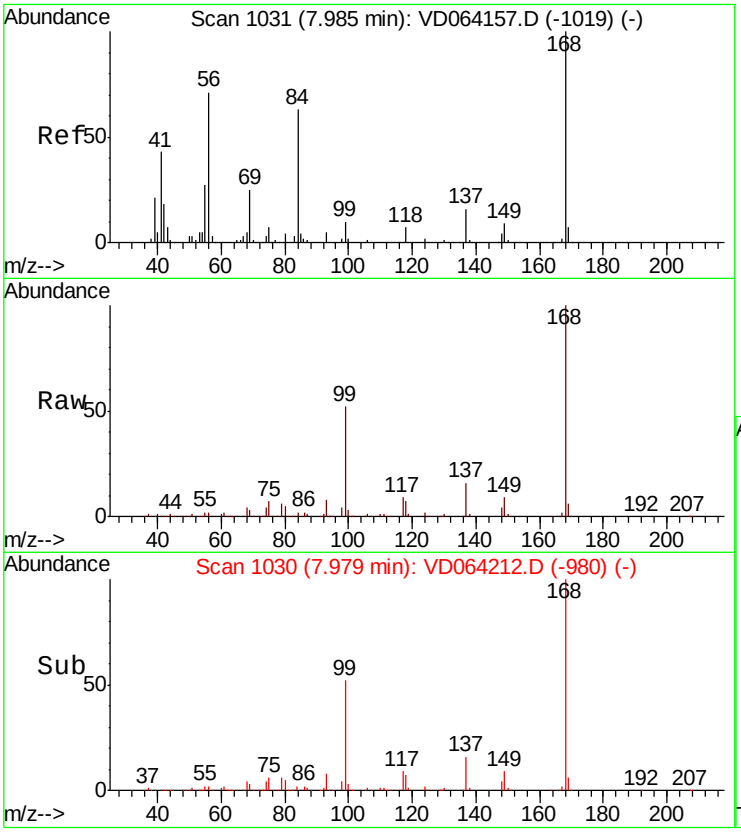
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111419\
Data File : VD064212.D
Acq On : 14 Nov 2019 13:40
Operator : VA/SY
Sample : K5668-05
Misc : 5.16G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 15 05:52:36 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



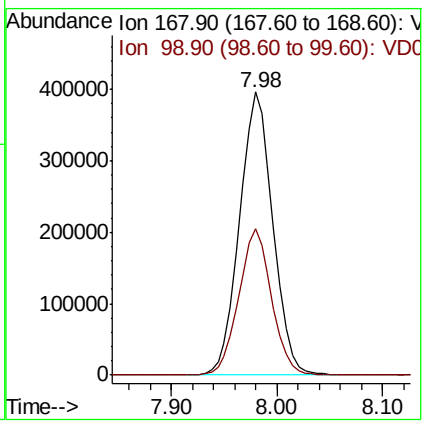


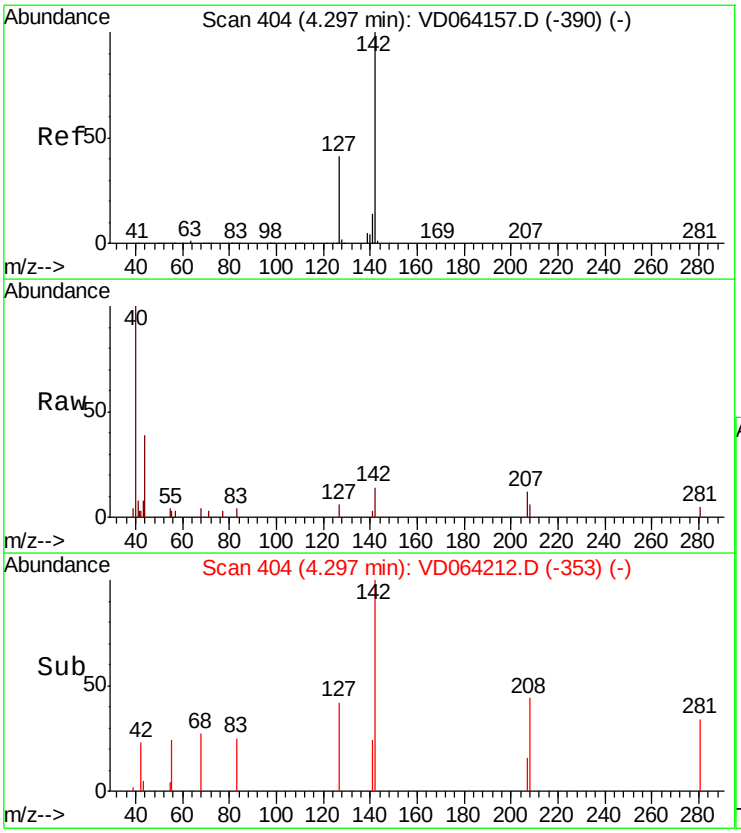
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 867068

Ion	Ratio	Lower	Upper
168	100		
99	51.7	41.6	62.4

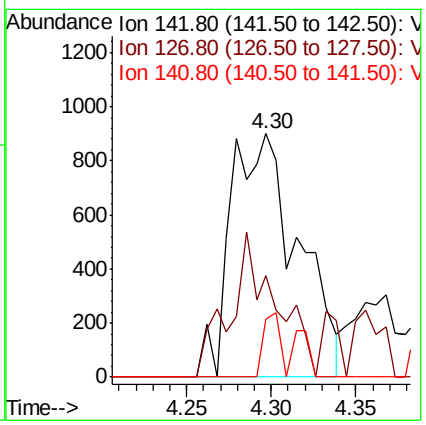


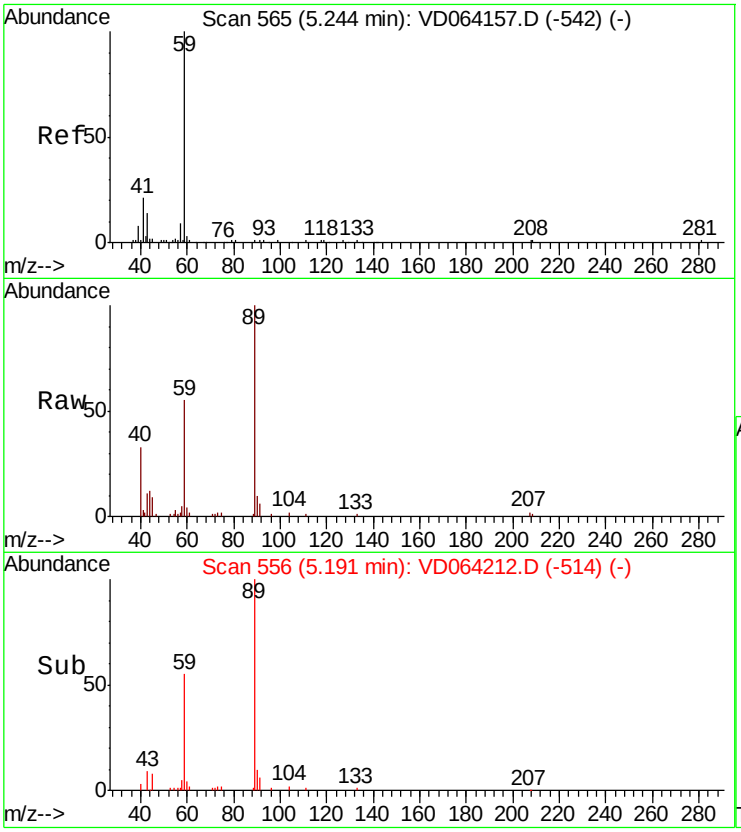


#10
Methyl Iodide
Concen: 2.305 ug/l
RT: 4.30 min Scan# 404
Delta R.T. 0.00 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Tgt Ion:142 Resp: 2493

Ion	Ratio	Lower	Upper
142	100		
127	41.0	34.4	51.6
141	6.4	11.2	16.8#



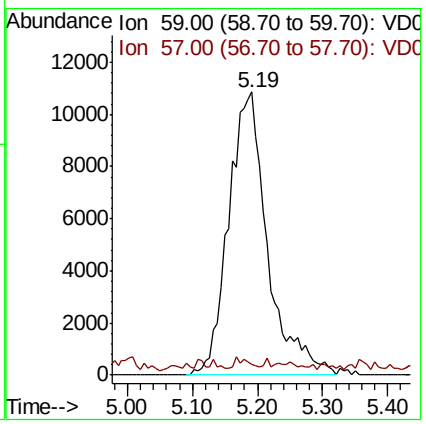


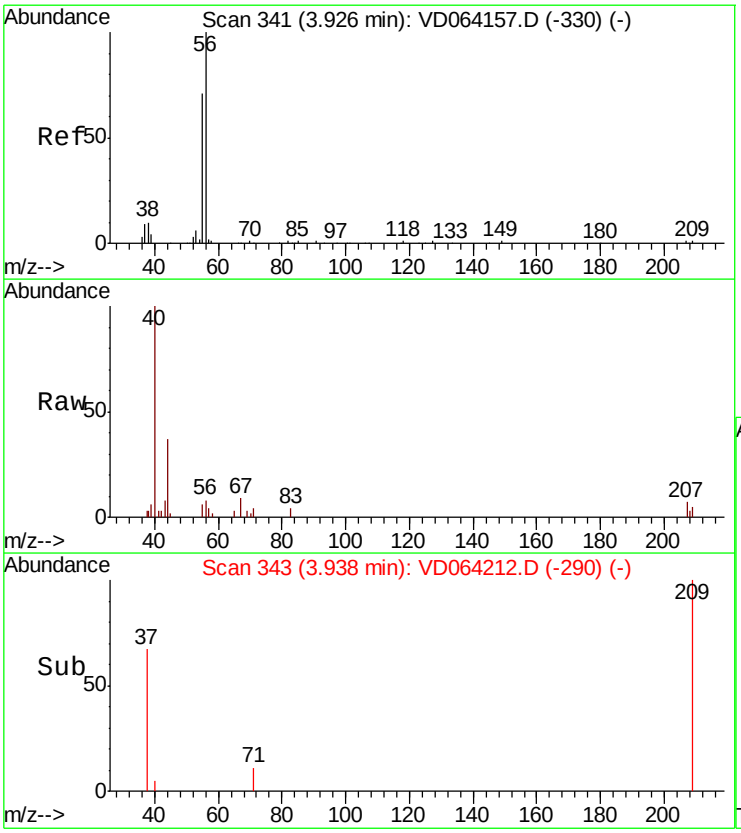
#11
Tert butyl alcohol
Concen: 90.225 ug/l
RT: 5.19 min Scan# 556
Delta R.T. -0.05 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 44939

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.4	14.2#

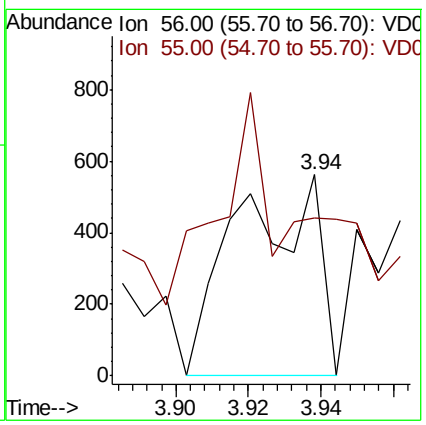


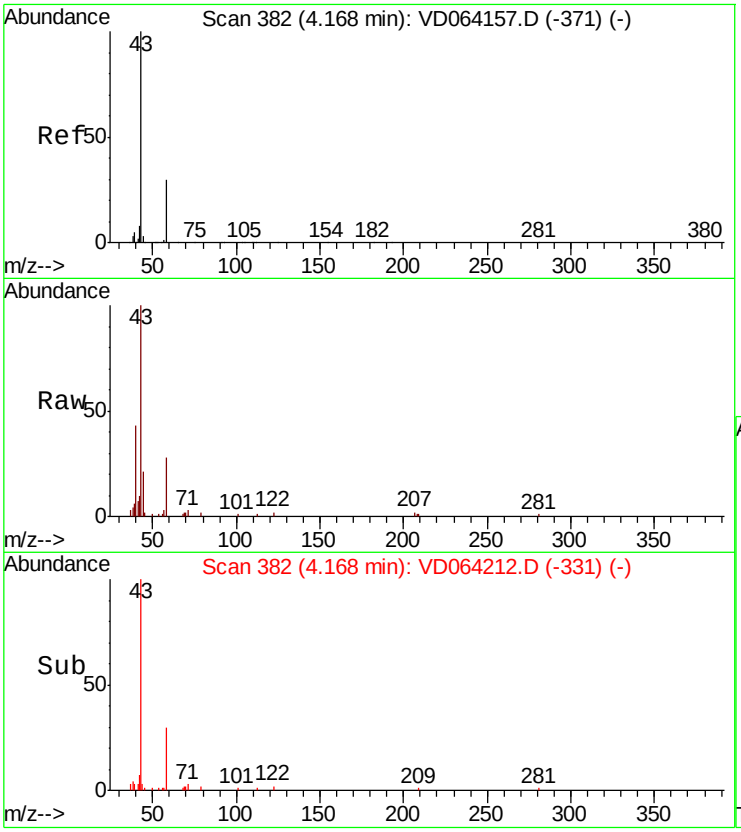


#13
Acrolein
Concen: 2.079 ug/l
RT: 3.94 min Scan# 343
Delta R.T. 0.01 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Tgt Ion: 56 Resp: 876

Ion	Ratio	Lower	Upper
56	100		
55	65.8	56.1	84.1



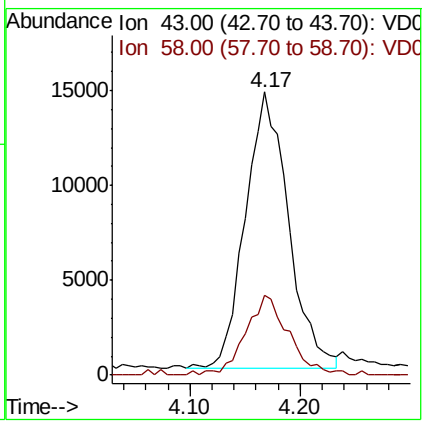


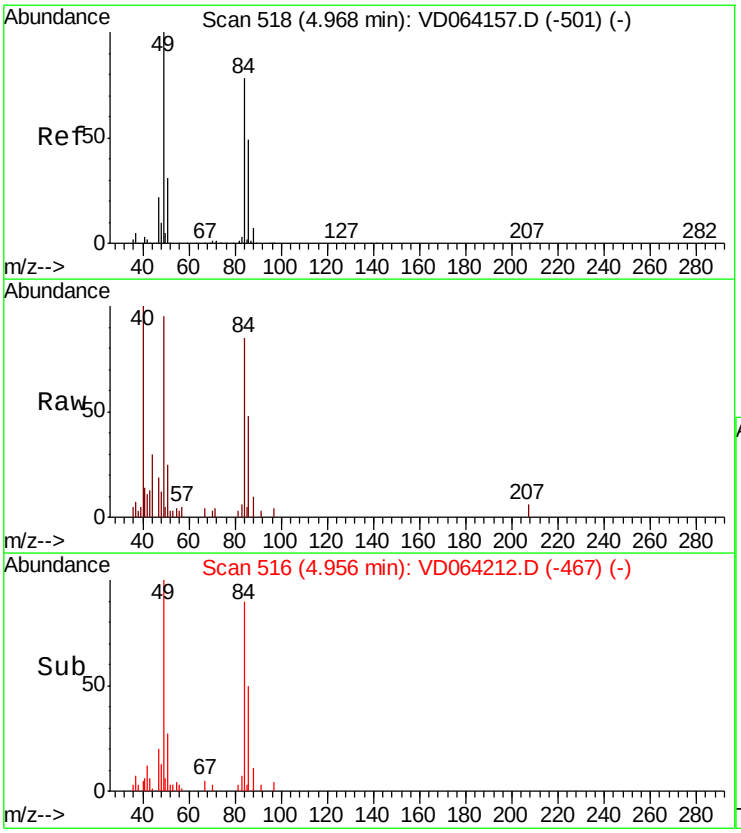
#16
Acetone
Concen: 23.447 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 39611

Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.1	36.1

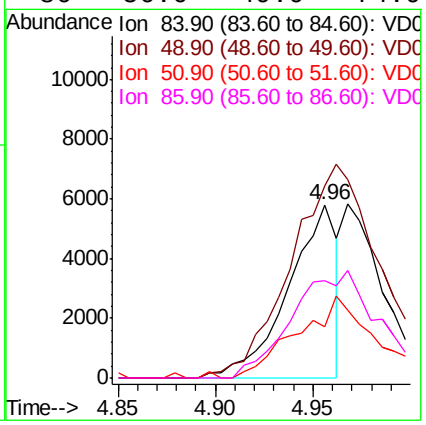


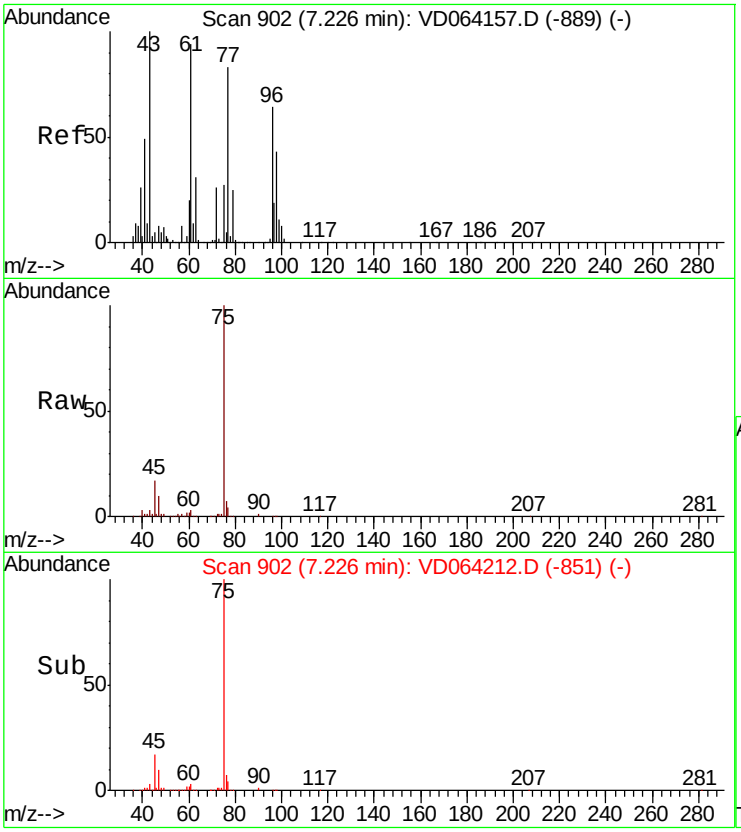


#20
Methylene Chloride
Concen: 1.178 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Tgt Ion: 84 Resp: 10050

Ion	Ratio	Lower	Upper
84	100		
49	110.9	102.1	153.1
51	29.8	32.2	48.2#
86	56.0	49.9	74.9



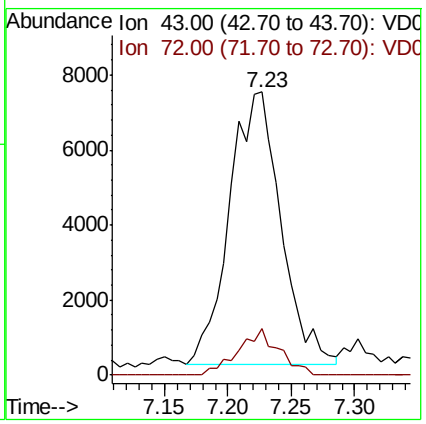


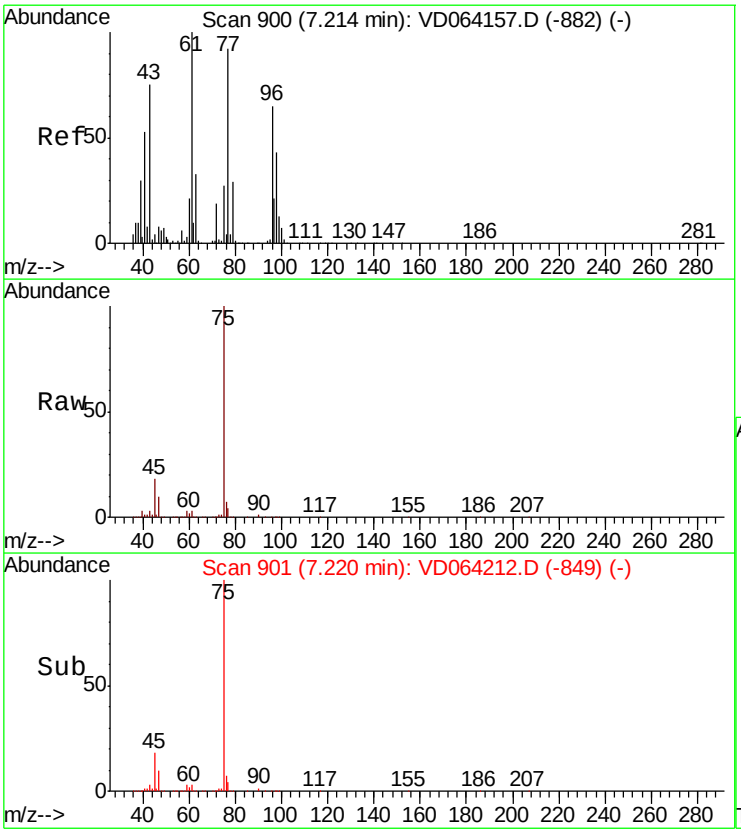
#25
2-Butanone
Concen: 9.426 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.00 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 20572

Ion	Ratio	Lower	Upper
43	100		
72	17.2	20.6	30.8#

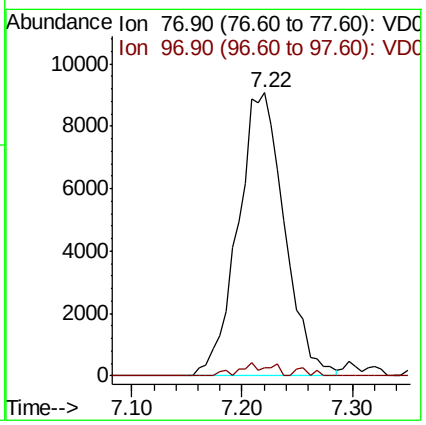


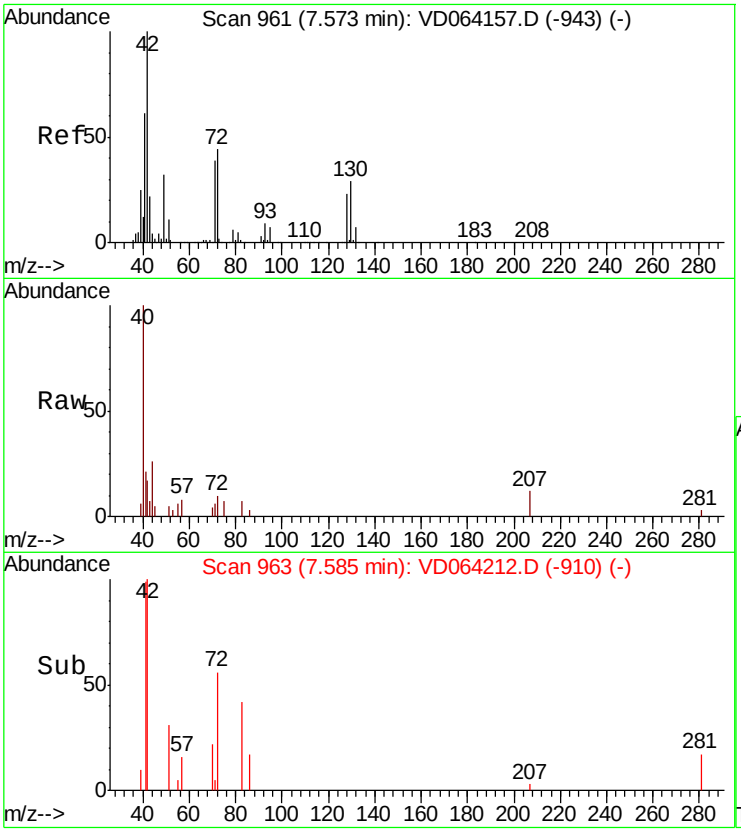


#26
2,2-Dichloropropane
Concen: 1.966 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Tgt Ion: 77 Resp: 26752

Ion	Ratio	Lower	Upper
77	100		
97	1.4	11.1	33.3#



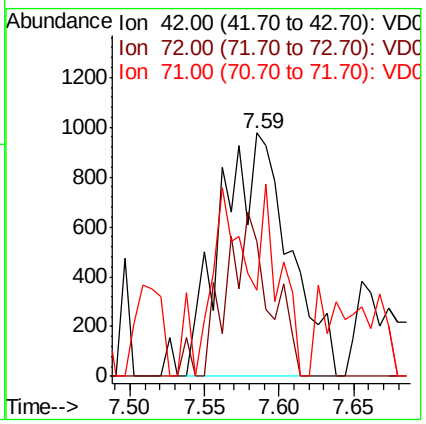


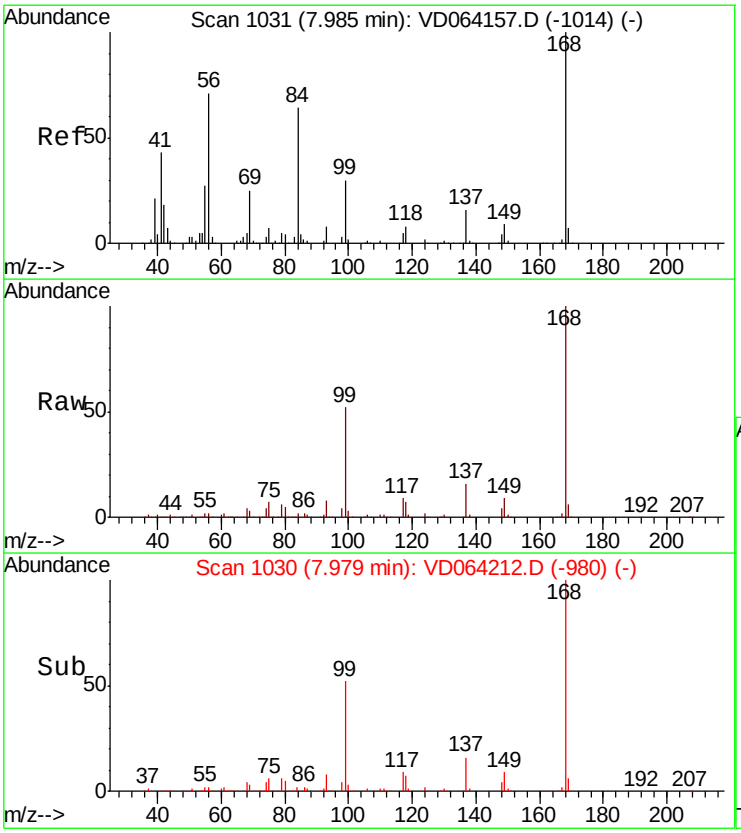
#29
Tetrahydrofuran
Concen: 2.376 ug/l
RT: 7.59 min Scan# 963
Delta R.T. 0.01 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 3116

Ion	Ratio	Lower	Upper
42	100		
72	43.6	33.4	50.2
71	21.2	31.0	46.4#

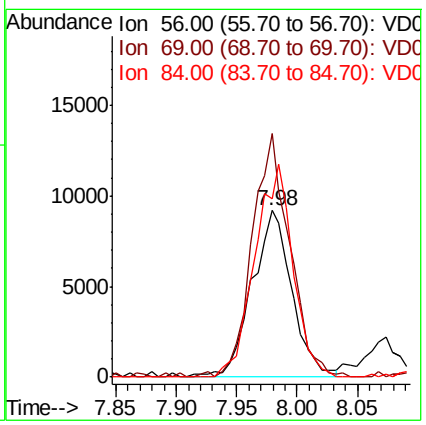


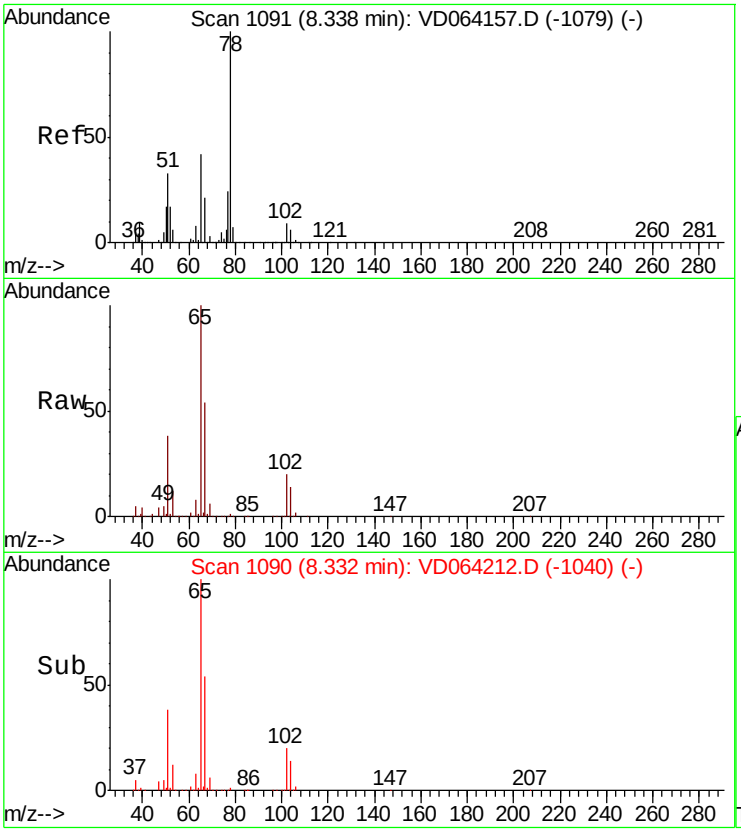


#31
Cyclohexane
Concen: 1.507 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Tgt Ion: 56 Resp: 21087

Ion	Ratio	Lower	Upper
56	100		
69	146.4	28.2	42.4#
84	107.3	71.8	107.6



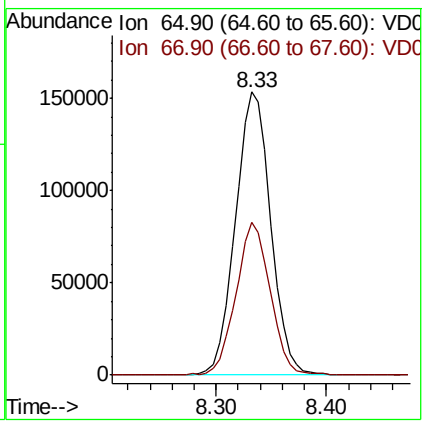


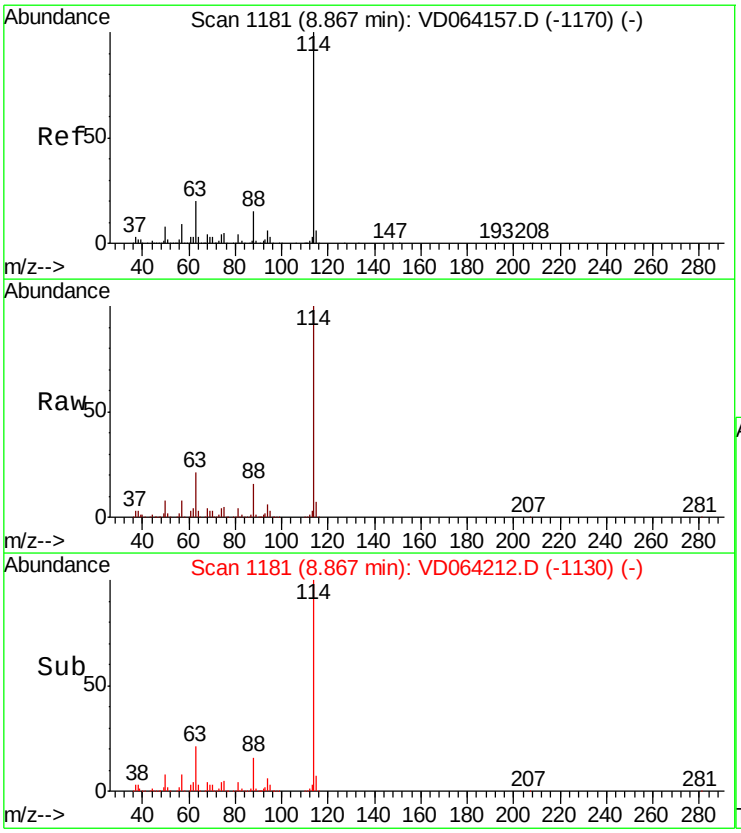
#33
1,2-Dichloroethane-d4
Concen: 48.234 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 343966

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.4

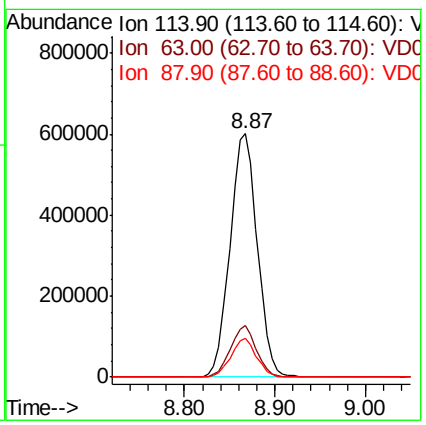


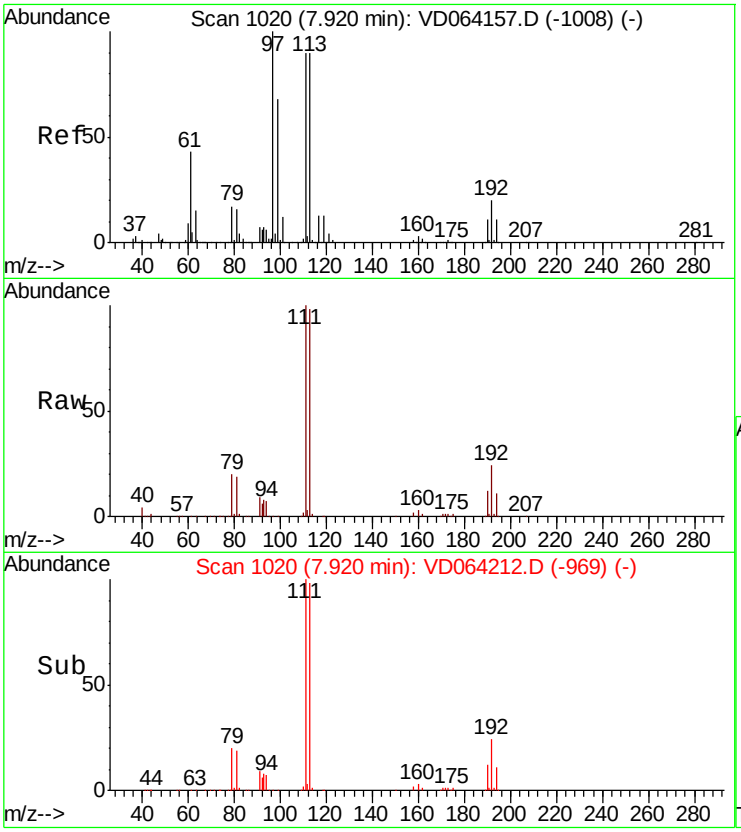


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Tgt Ion:114 Resp: 1260309

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.0
88	15.7	0.0	30.2



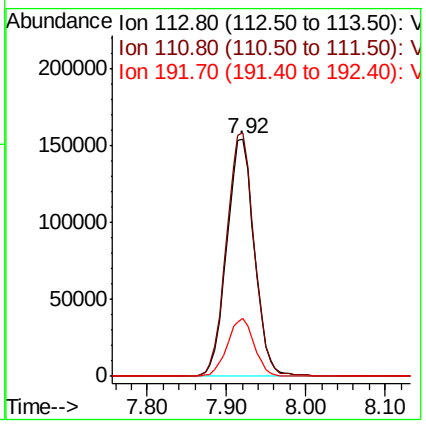


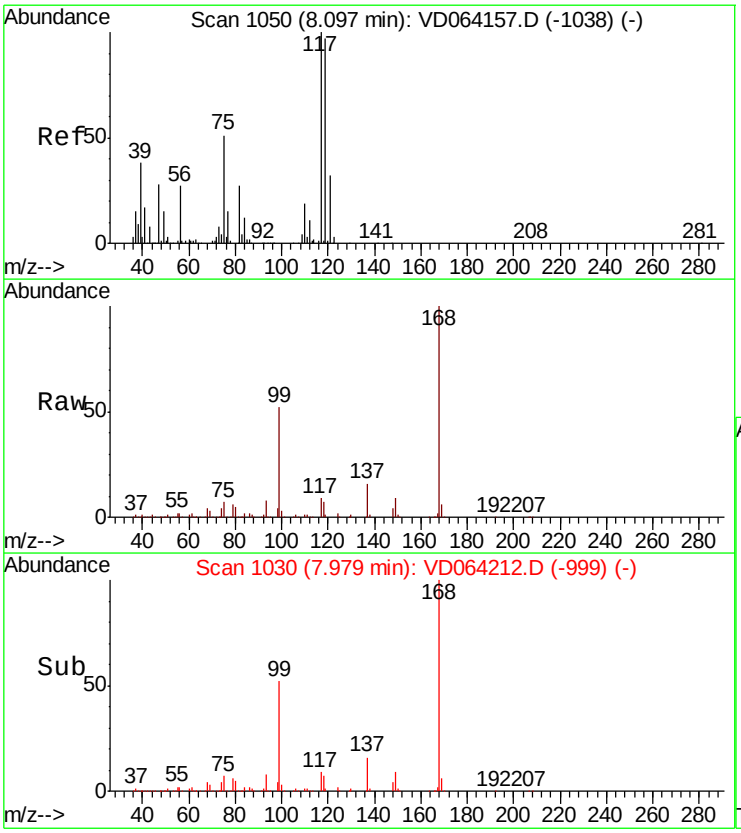
#35
Dibromofluoromethane
Concen: 51.543 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 372885

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	23.8	18.8	28.2

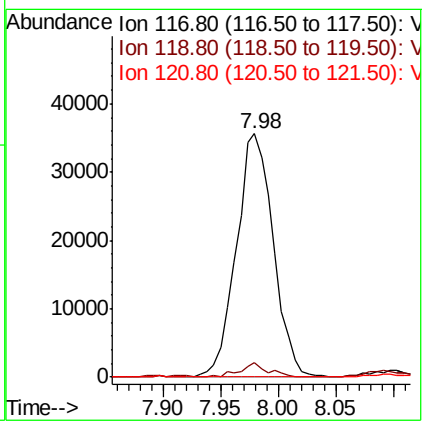


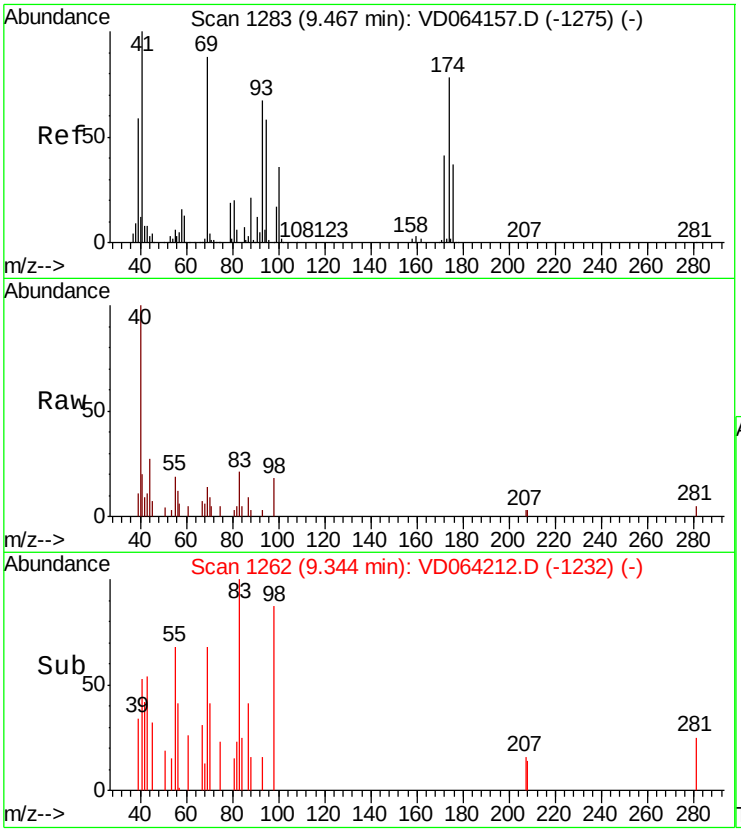


#38
Carbon Tetrachloride
Concen: 6.371 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Tgt Ion:117 Resp: 79296

Ion	Ratio	Lower	Upper
117	100		
119	5.9	77.2	115.8#
121	0.0	25.5	38.3#



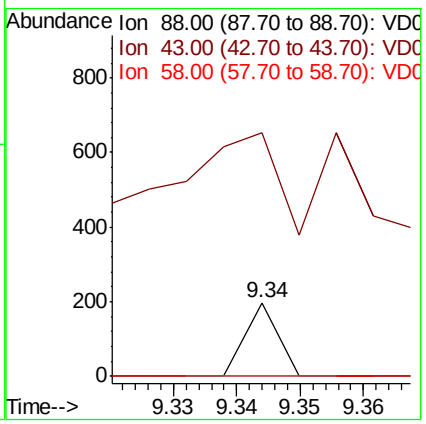


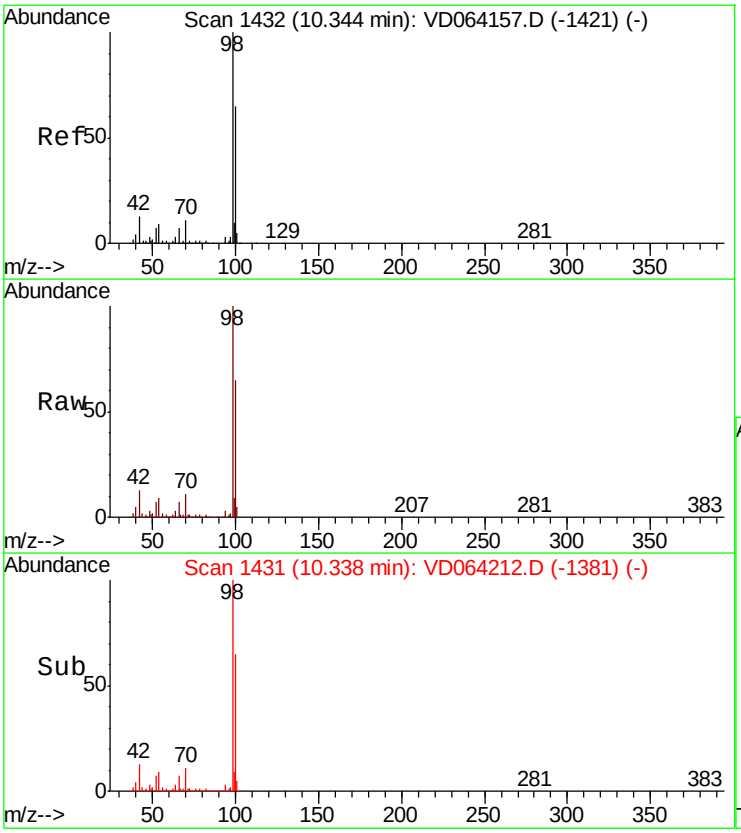
#49
1,4-Dioxane
Concen: 1.407 ug/l
RT: 9.34 min Scan# 1262
Delta R.T. -0.12 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
43	355.7	29.8	44.8#
58	0.0	58.1	87.1#

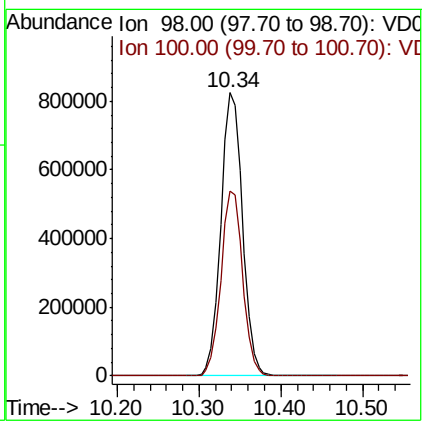


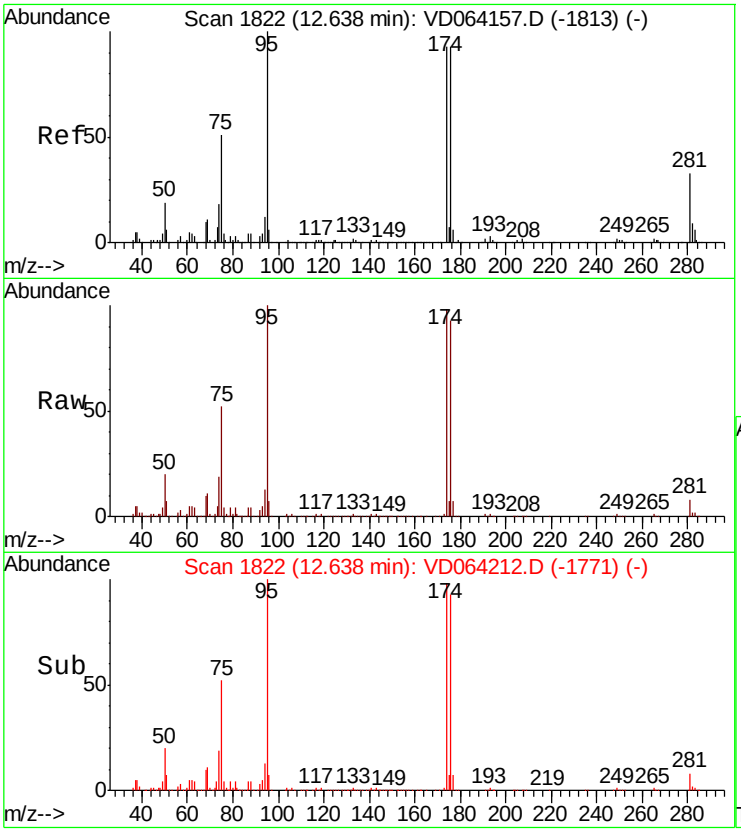


#50
Toluene-d8
Concen: 55.722 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Tgt Ion: 98 Resp: 1520710

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8



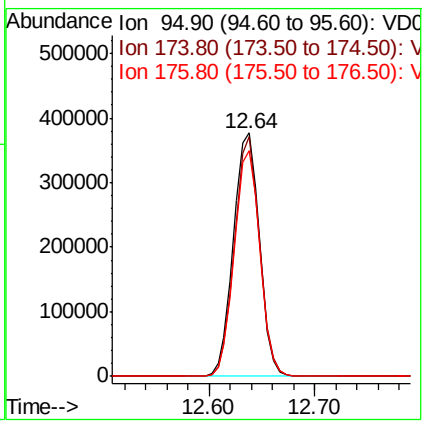


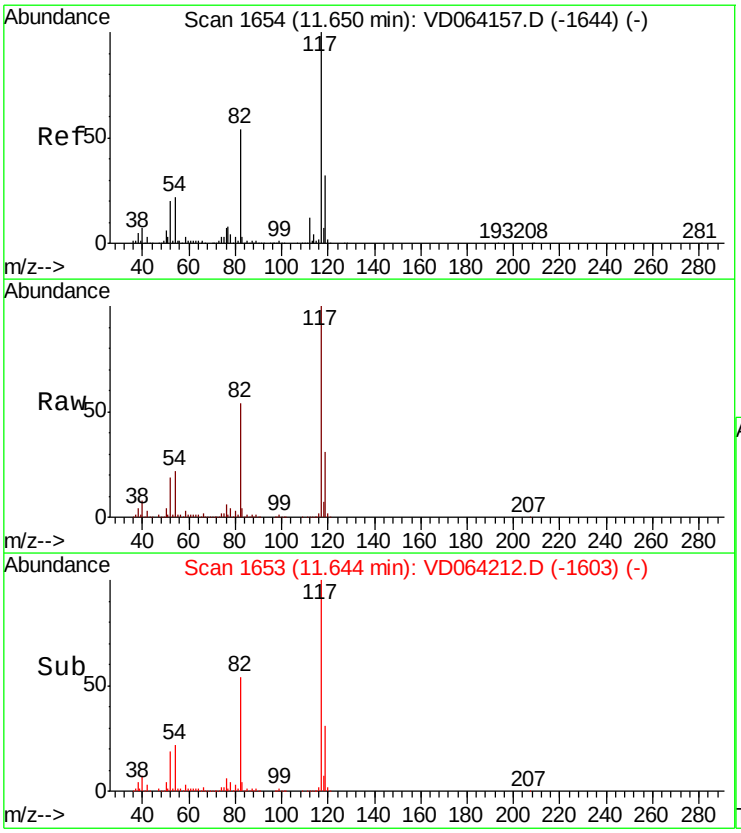
#62
4-Bromofluorobenzene
Concen: 67.571 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 638624

Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	183.6
176	91.4	0.0	180.2

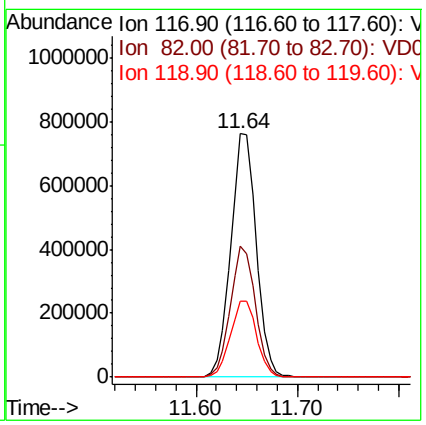


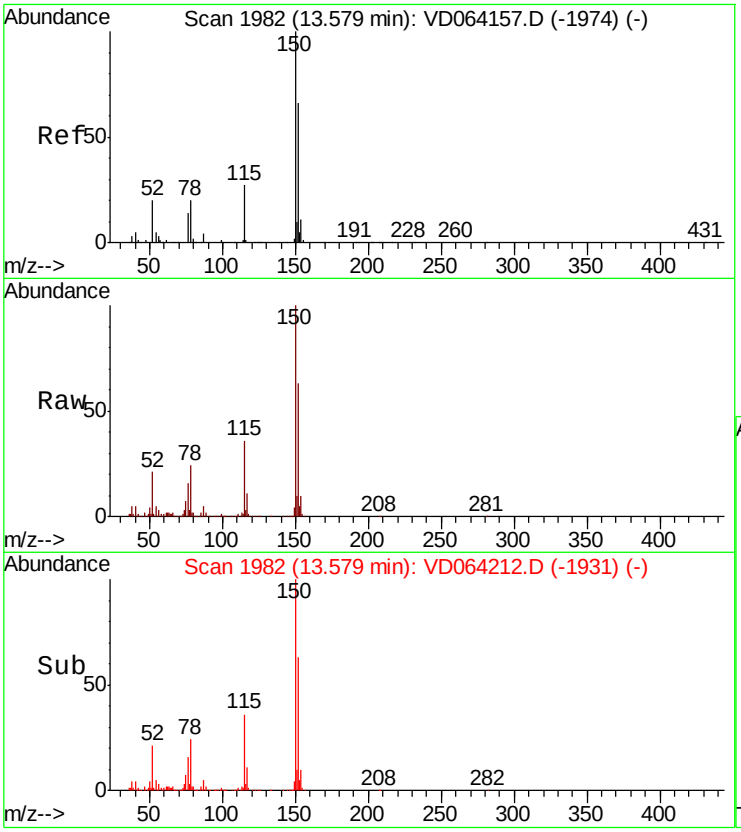


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Tgt Ion:117 Resp: 1334862

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.8	64.2
119	31.4	25.6	38.4



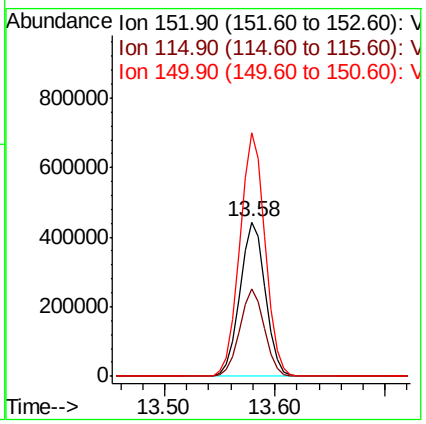


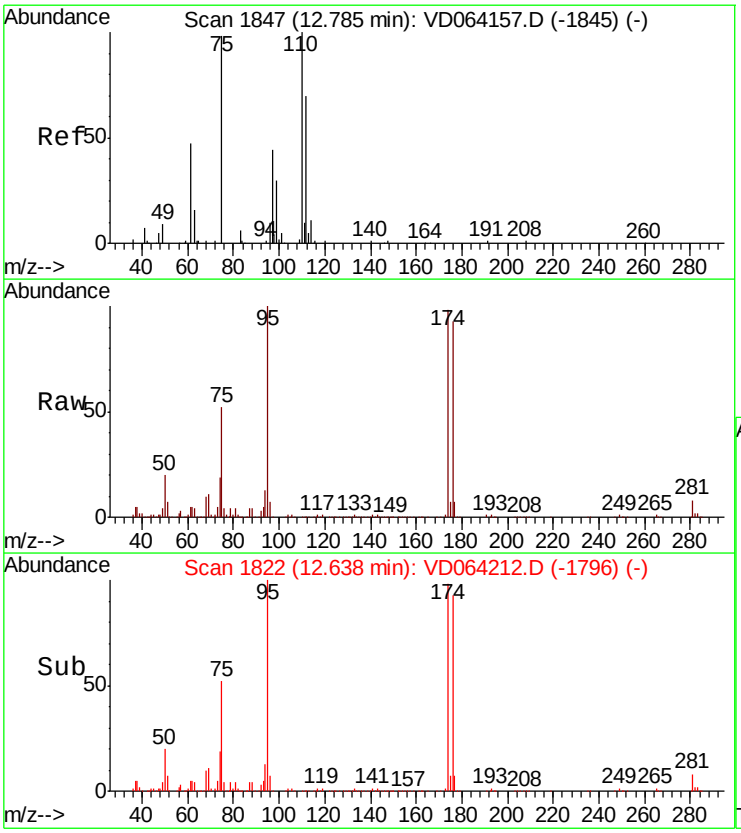
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 717067

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.4	82.2
150	156.8	0.0	351.6

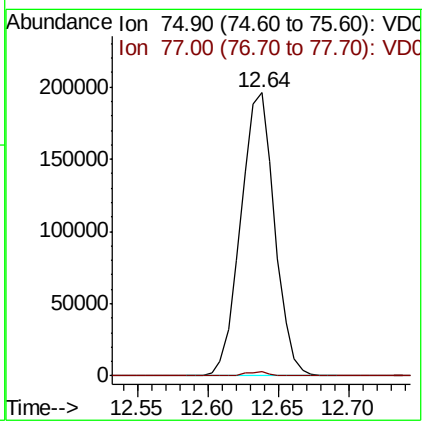


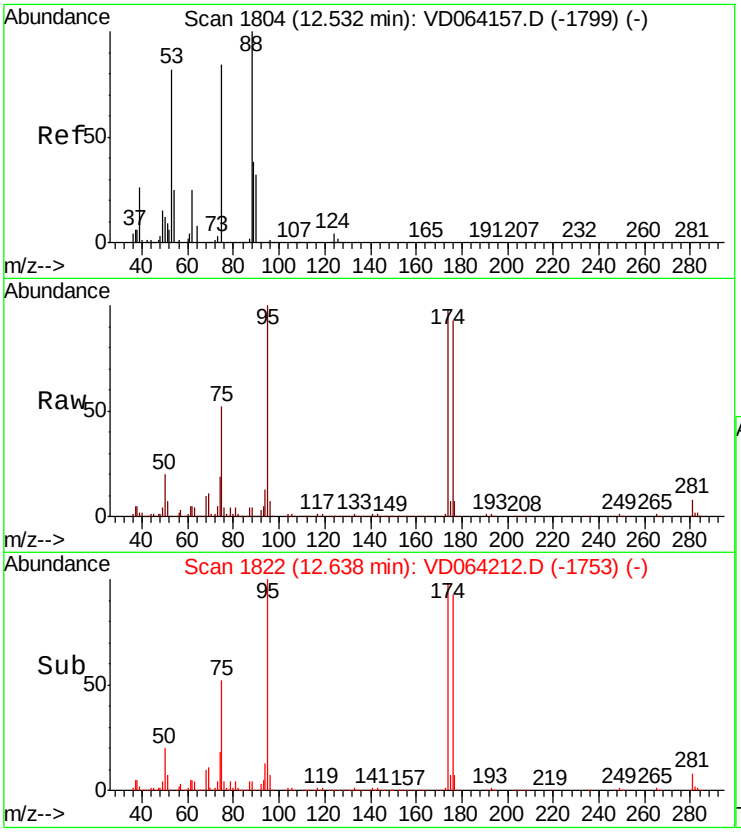


#76
1,2,3-Trichloropropane
Concen: 57.076 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Tgt Ion: 75 Resp: 329657

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 113.375 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064212.D
Acq: 14 Nov 2019 13:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 329657

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.4	119.0#
89	0.1	36.6	55.0#