Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111419\
Data File : VD064213.D
Acq On : 14 Nov 2019 14:09
Operator : VA/SY
Sample : K5826-02
Misc : 7.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Nov 15 05:52:48 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	869038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1277420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1324786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	709914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	342417	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.82%			
35) Dibromofluoromethane	7.91	113	368282	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.46%			
50) Toluene-d8	10.34	98	1531331	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.72%			
62) 4-Bromofluorobenzene	12.64	95	627412	65.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 131.00%			
Target Compounds						Qvalue
10) Methyl Iodide	4.30	142	1722	2.220	ug/l #	76
11) Tert butyl alcohol	5.24	59	721	1.444	ug/l #	69
13) Acrolein	3.93	56	540	1.279	ug/l #	15
16) Acetone	4.17	43	2672	1.578	ug/l	90
31) Cyclohexane	7.98	56	24345	1.735	ug/l #	33
36) 1,1-Dichloropropene	7.98	75	60860	5.162	ug/l #	50
38) Carbon Tetrachloride	7.98	117	80182	6.356	ug/l #	16
40) Benzene	8.35	78	49401	1.533	ug/l #	87
49) 1,4-Dioxane	9.49	88	60	1.190	ug/l #	1
52) Toluene	10.41	92	49256	2.325	ug/l	95
68) m/p-Xylenes	11.86	106	27278	1.460	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	325788	56.975	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	325788	113.174	ug/l #	10

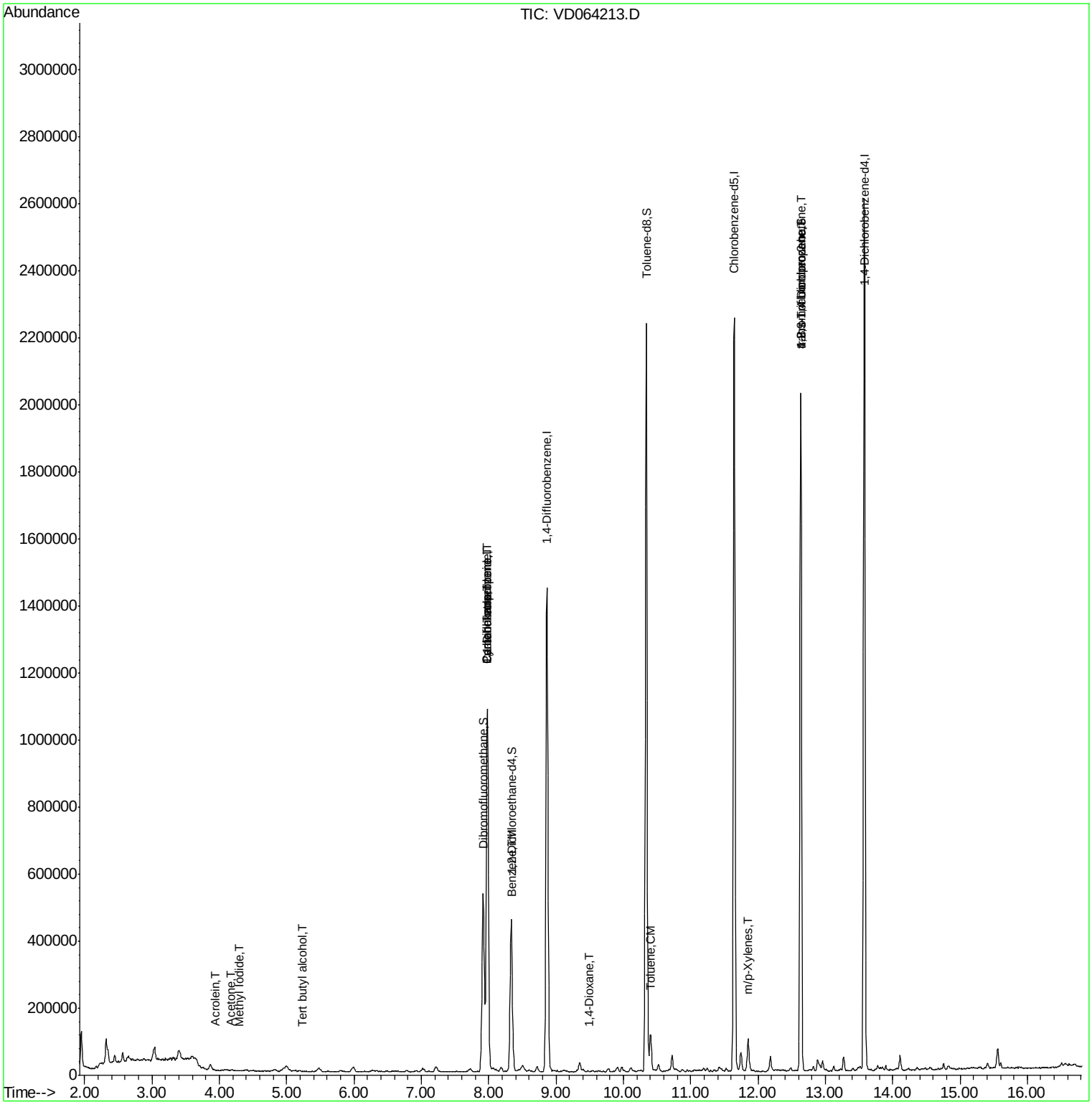
(#) = qualifier out of range (m) = manual integration (+) = signals summed

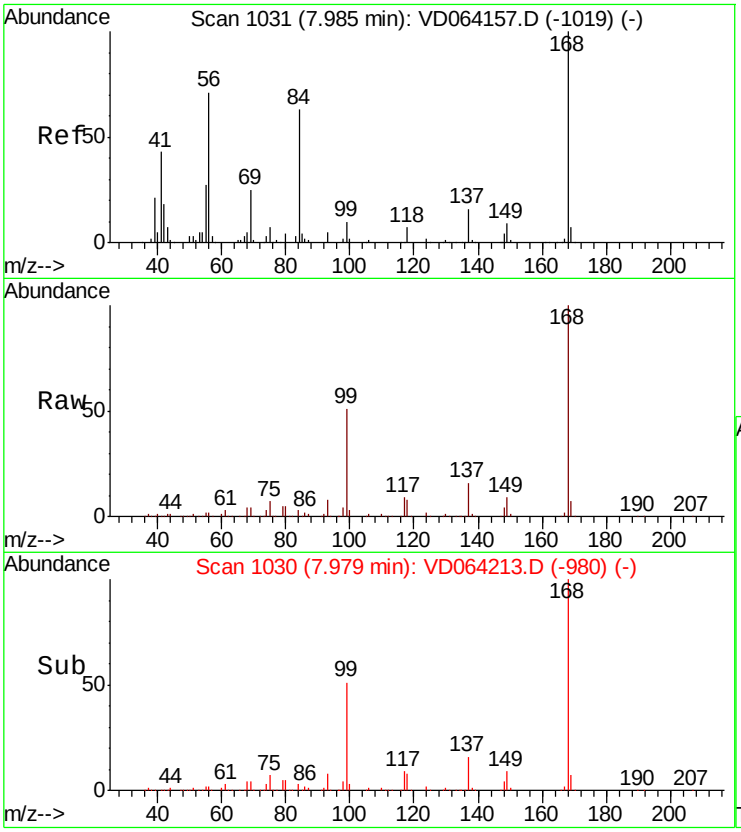
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111419\
Data File : VD064213.D
Acq On : 14 Nov 2019 14:09
Operator : VA/SY
Sample : K5826-02
Misc : 7.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 15 05:52:48 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



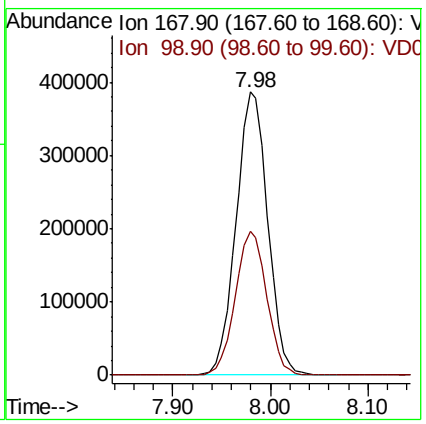


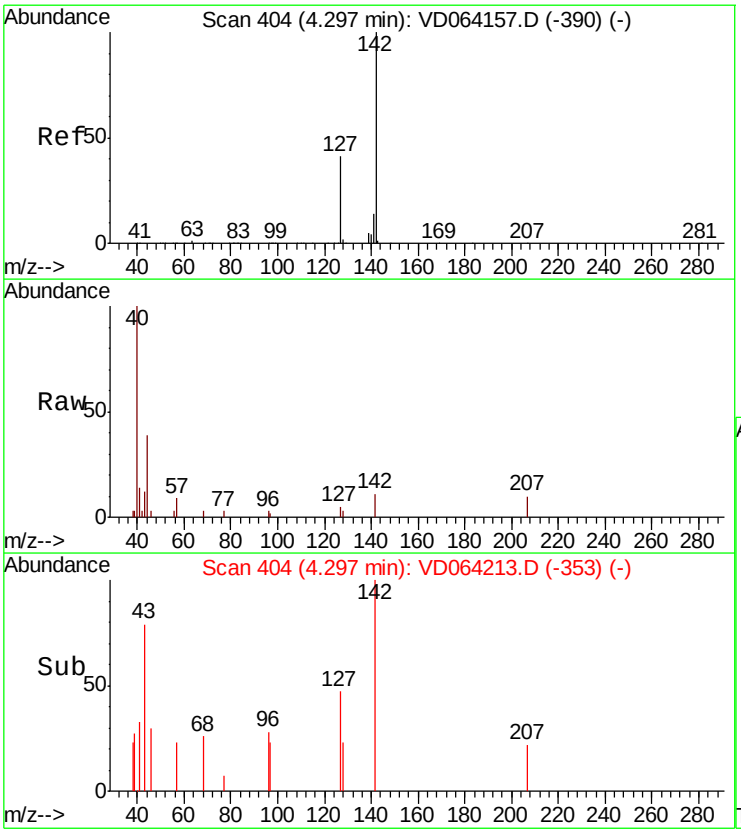
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 869038

Ion	Ratio	Lower	Upper
168	100		
99	50.9	41.6	62.4

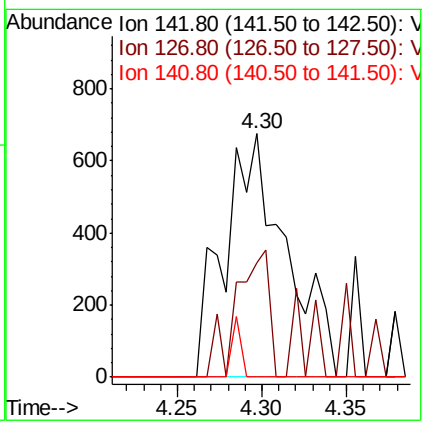


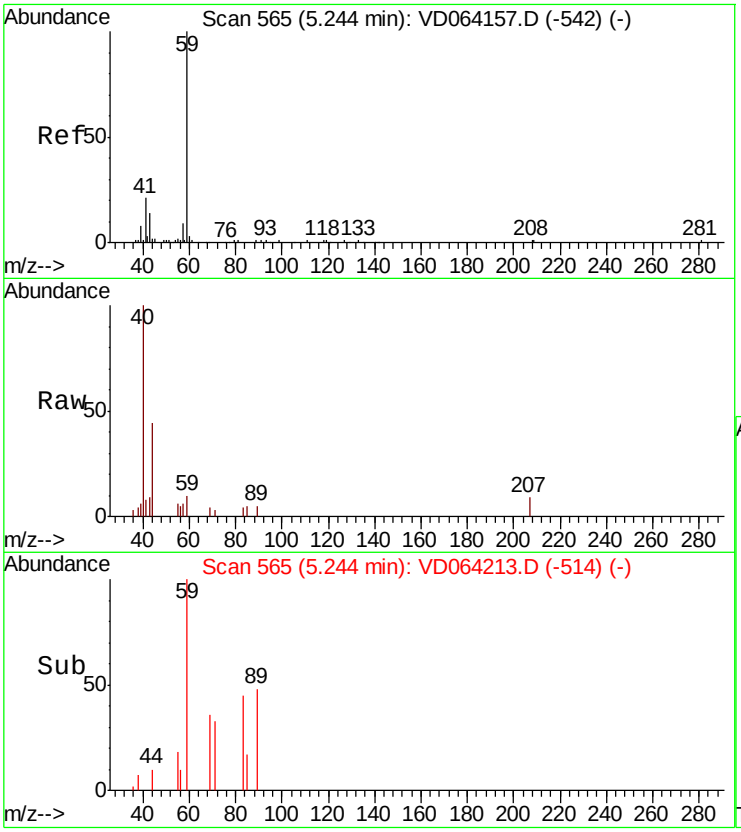


#10
Methyl Iodide
Concen: 2.220 ug/l
RT: 4.30 min Scan# 404
Delta R.T. 0.00 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Tgt Ion:142 Resp: 1722

Ion	Ratio	Lower	Upper
142	100		
127	28.0	34.4	51.6#
141	3.5	11.2	16.8#



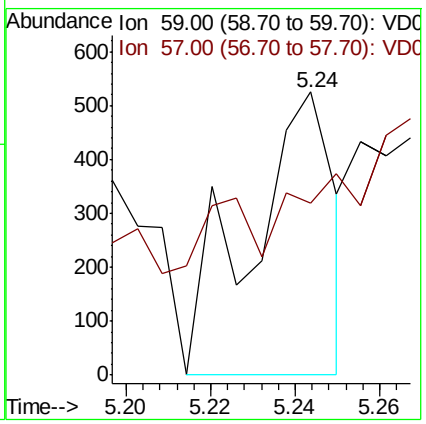


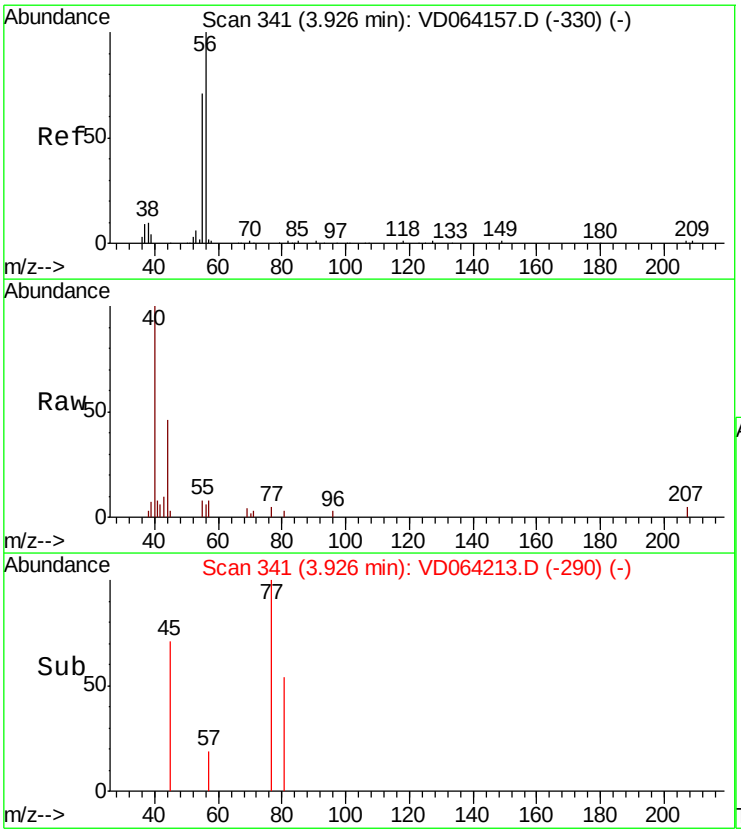
#11
Tert butyl alcohol
Concen: 1.444 ug/l
RT: 5.24 min Scan# 565
Delta R.T. 0.00 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 721

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.4	14.2#

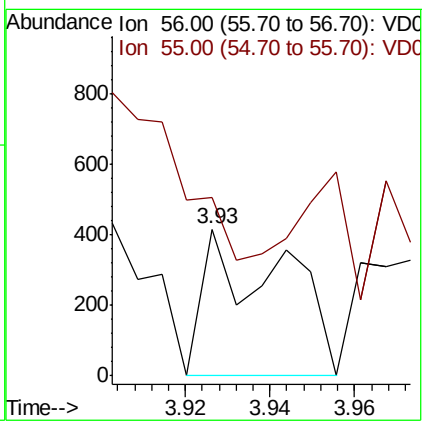


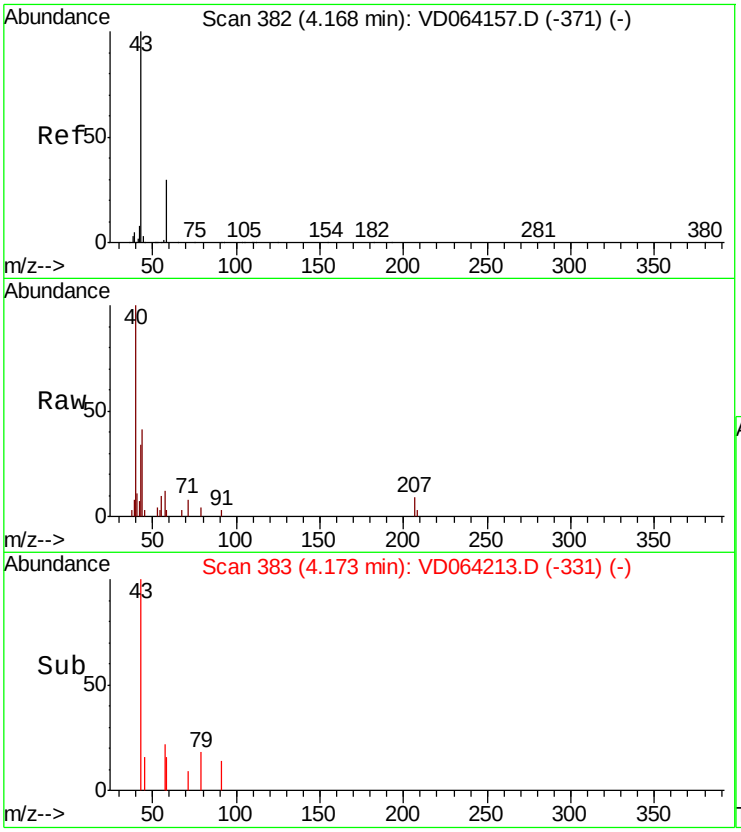


#13
Acrolein
Concen: 1.279 ug/l
RT: 3.93 min Scan# 341
Delta R.T. -0.00 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Tgt Ion: 56 Resp: 540

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.1	84.1#



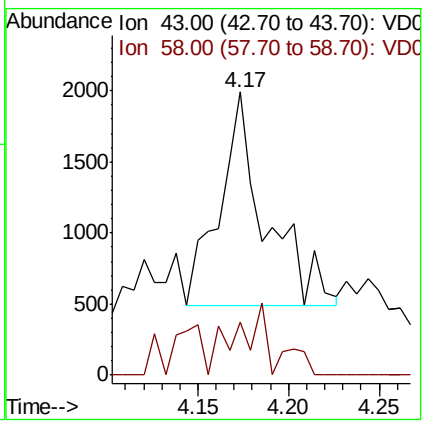


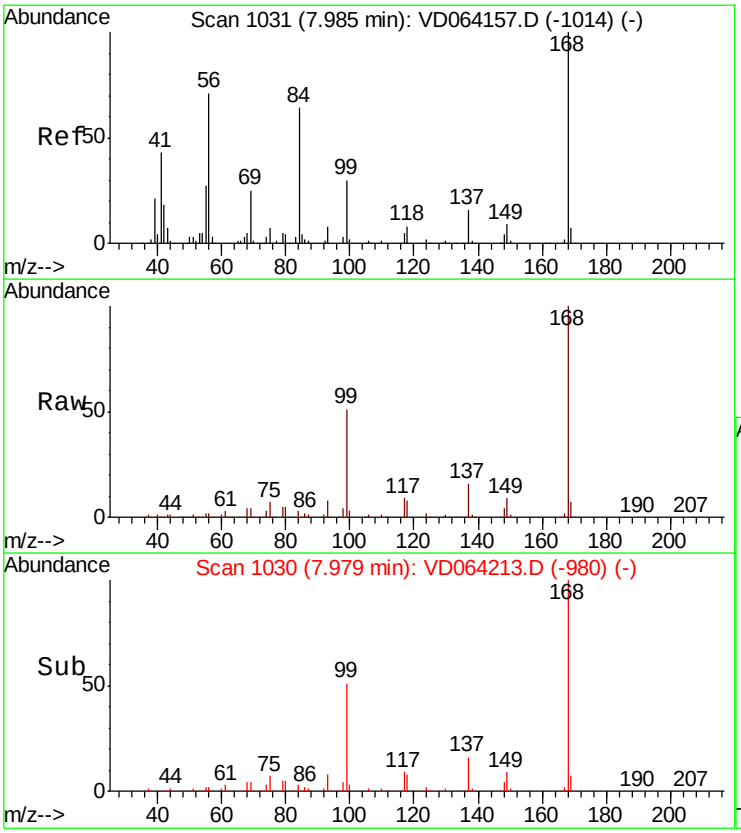
#16
Acetone
Concen: 1.578 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.01 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2672

Ion	Ratio	Lower	Upper
43	100		
58	24.7	24.1	36.1

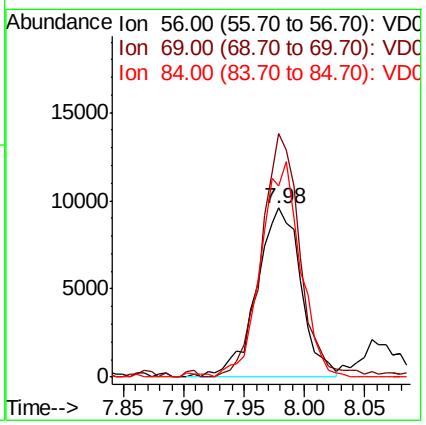


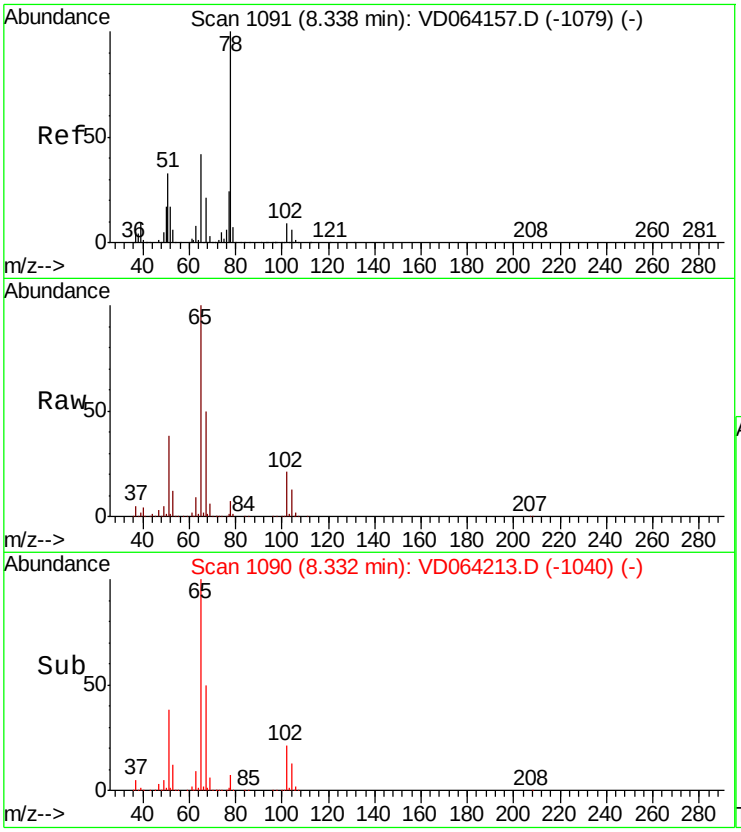


#31
Cyclohexane
Concen: 1.735 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Tgt Ion: 56 Resp: 24345

Ion	Ratio	Lower	Upper
56	100		
69	140.9	28.2	42.4#
84	110.1	71.8	107.6#



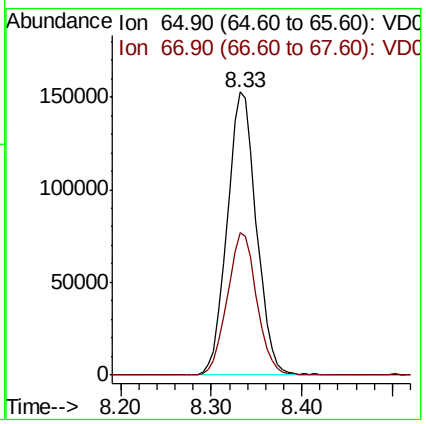


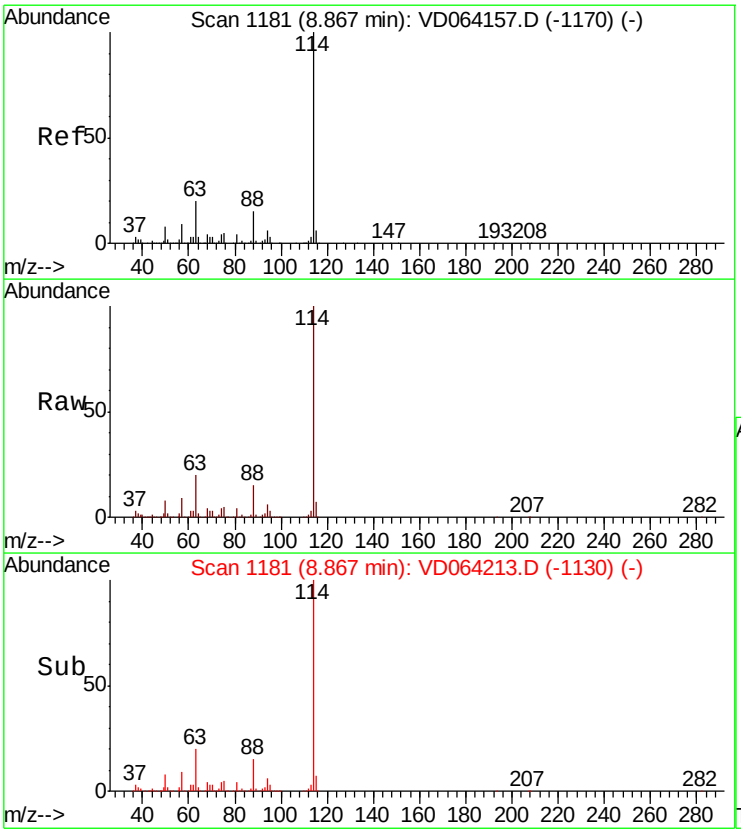
#33
1,2-Dichloroethane-d4
Concen: 47.908 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 342417

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.4

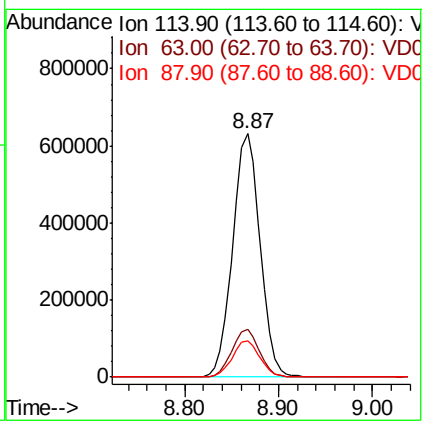


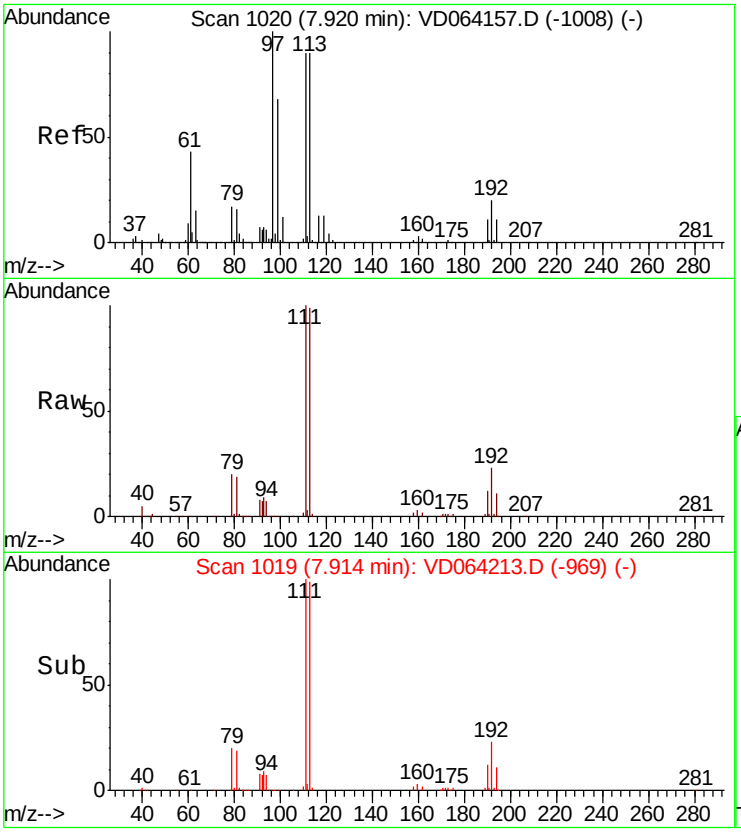


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Tgt Ion:114 Resp: 1277420

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.0
88	14.8	0.0	30.2



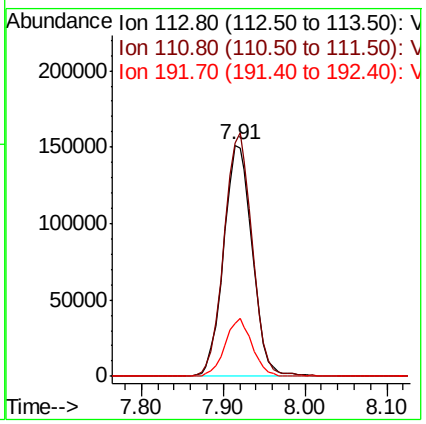


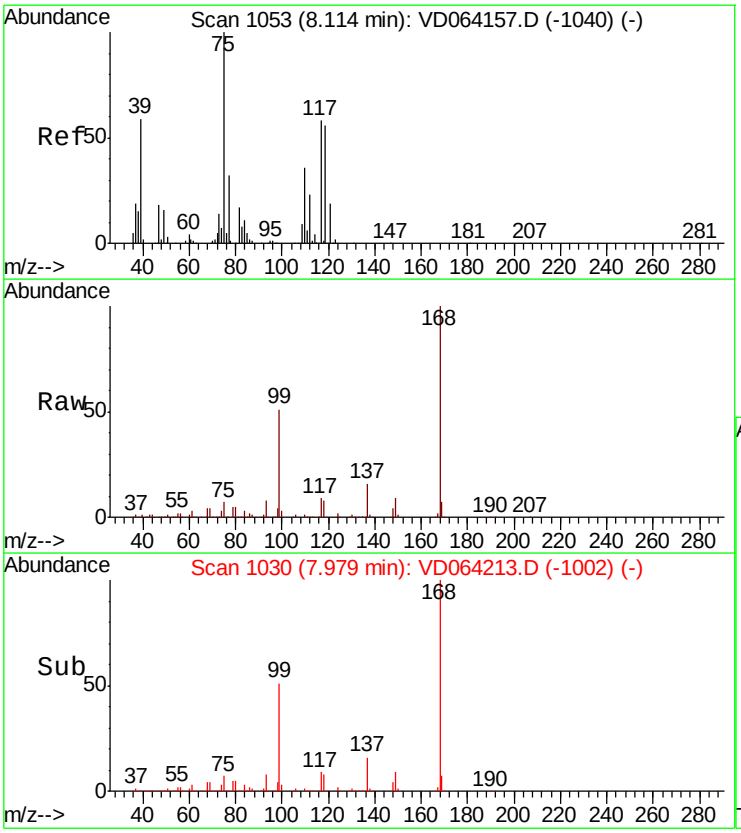
#35
Dibromofluoromethane
Concen: 50.225 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 368282

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.5	122.3
192	23.7	18.8	28.2

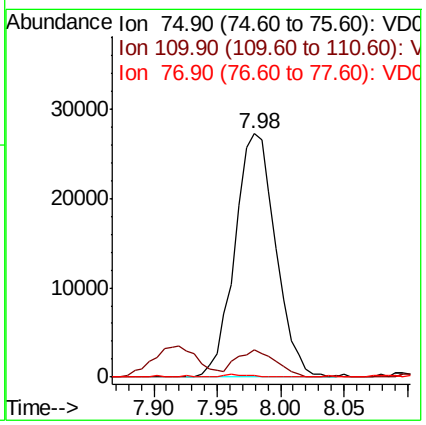


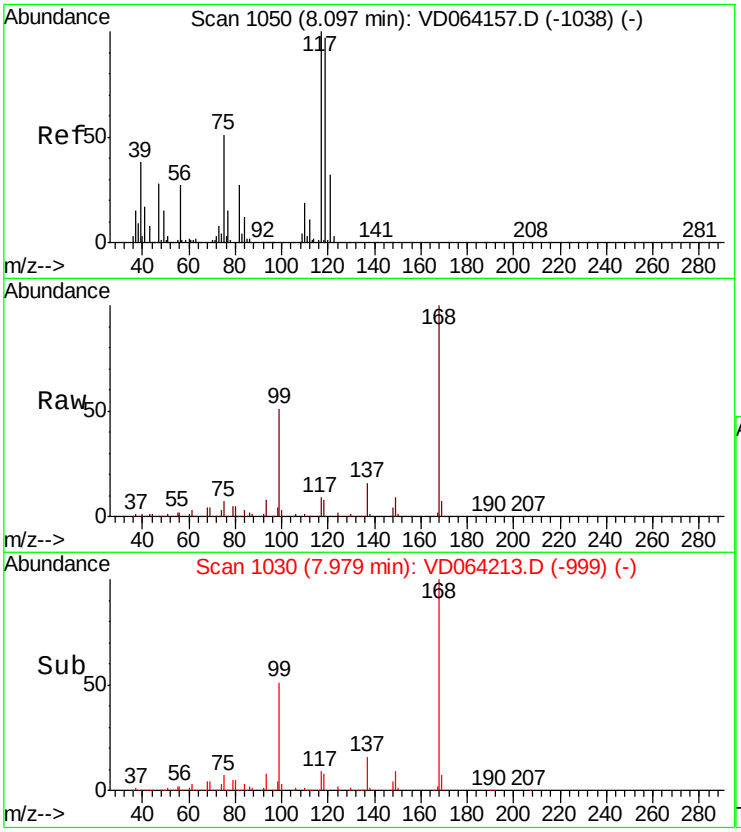


#36
1,1-Dichloropropene
Concen: 5.162 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Tgt Ion: 75 Resp: 60860

Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.3	54.9#
77	0.0	25.0	37.6#



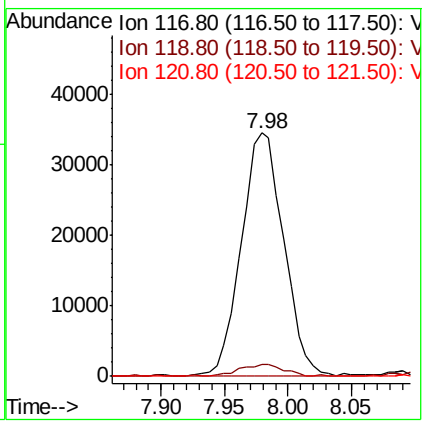


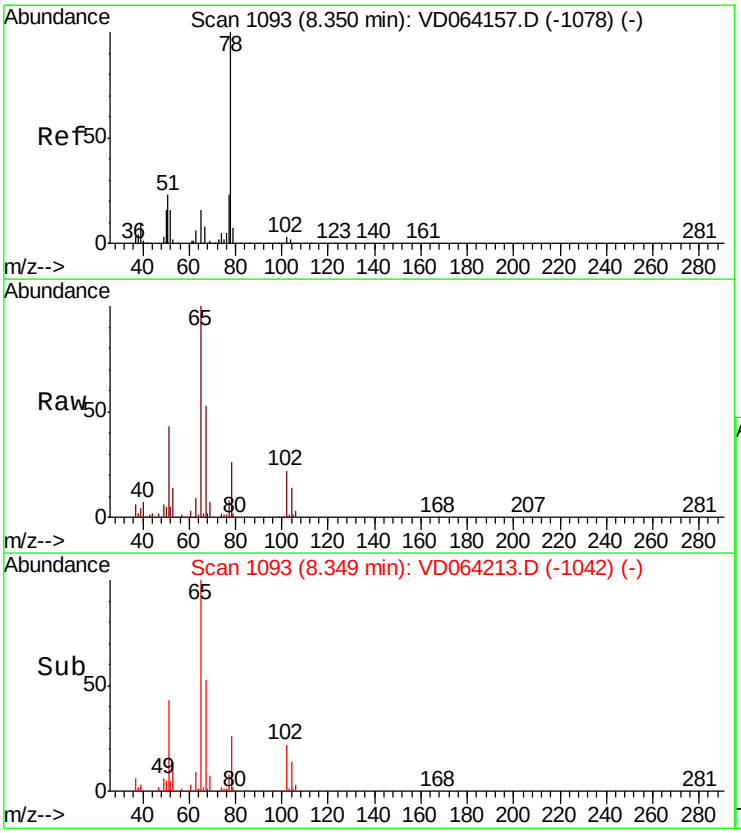
#38
Carbon Tetrachloride
Concen: 6.356 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 80182

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.2	115.8#
121	0.0	25.5	38.3#

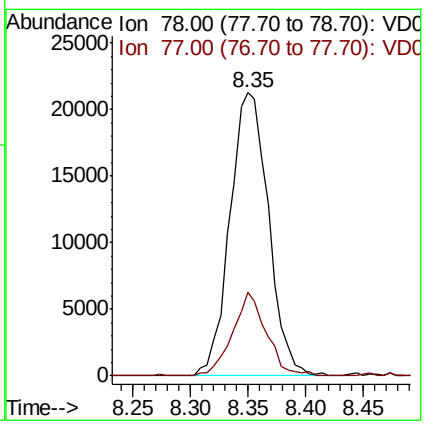


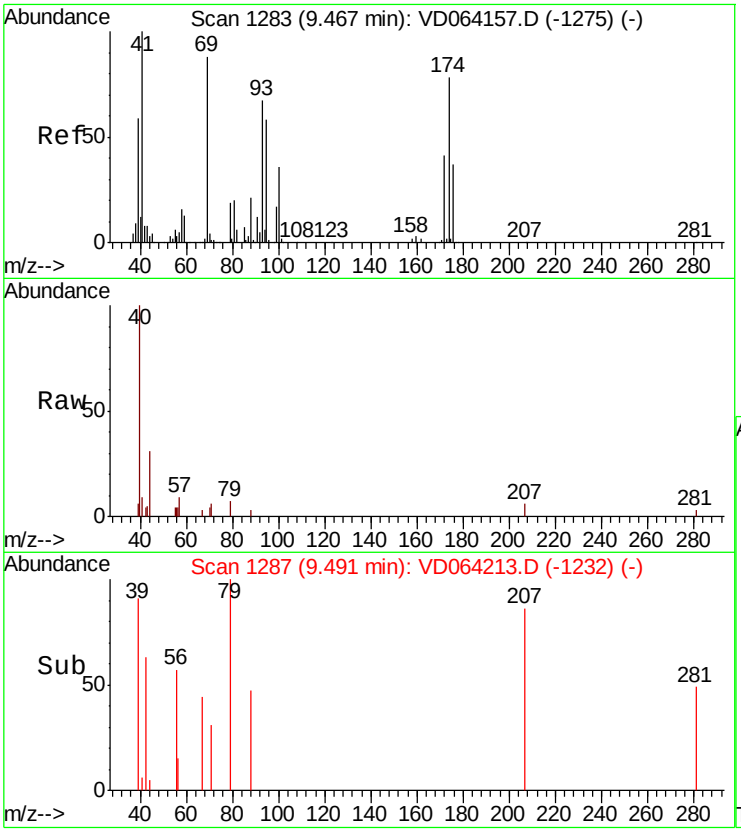


#40
Benzene
Concen: 1.533 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Tgt Ion: 78 Resp: 49401

Ion	Ratio	Lower	Upper
78	100		
77	29.4	18.6	28.0#



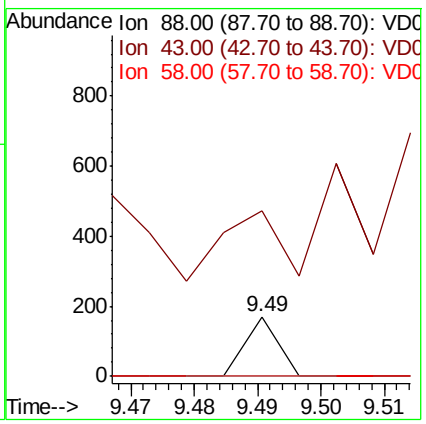


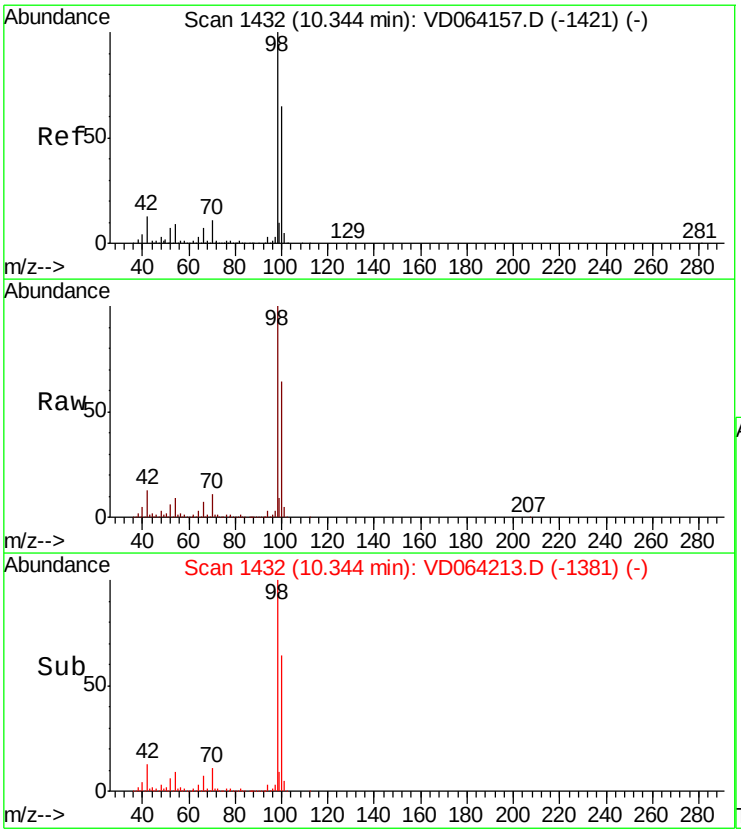
#49
1,4-Dioxane
Concen: 1.190 ug/l
RT: 9.49 min Scan# 1287
Delta R.T. 0.02 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	290.0	29.8	44.8#
58	0.0	58.1	87.1#

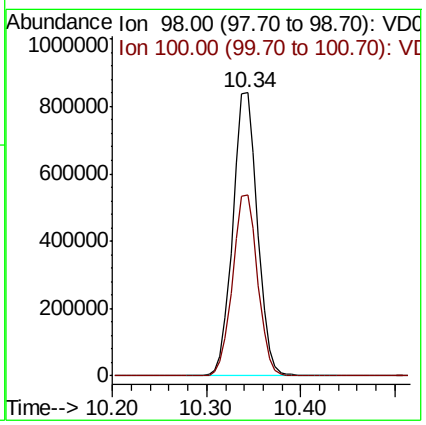


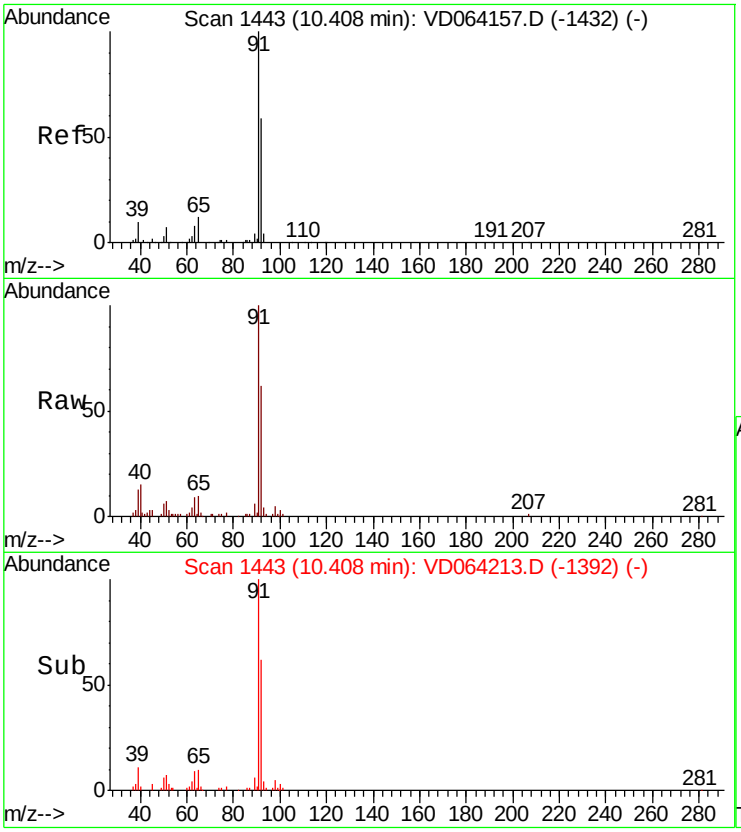


#50
Toluene-d8
Concen: 55.359 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Tgt Ion: 98 Resp: 1531331

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	78.8



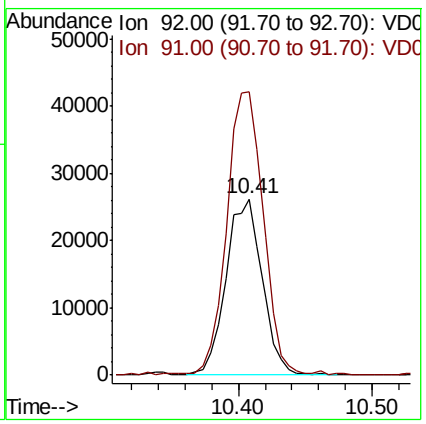


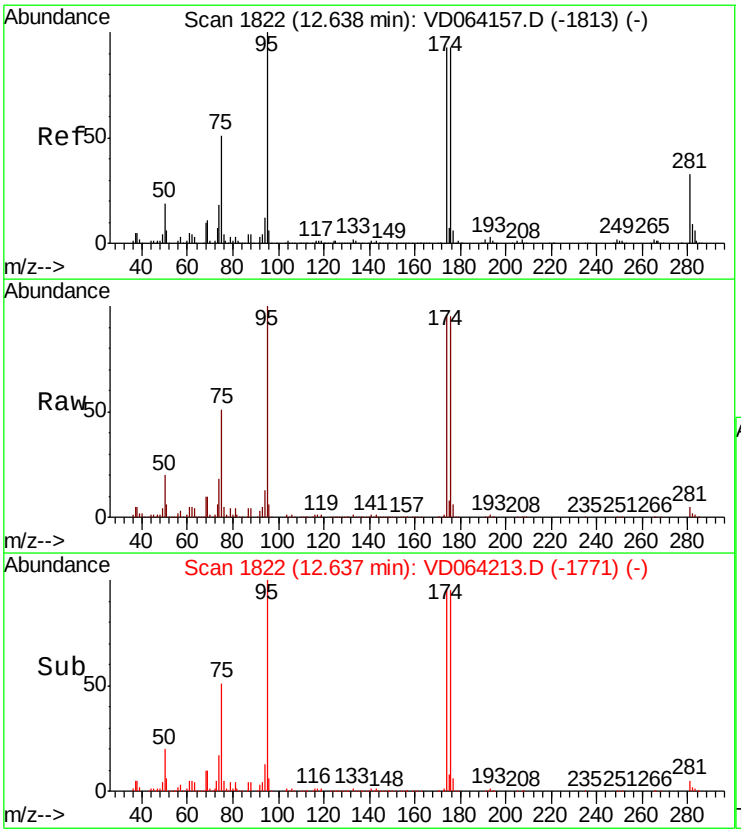
#52
Toluene
Concen: 2.325 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 92 Resp: 49256

Ion	Ratio	Lower	Upper
92	100		
91	163.6	136.4	204.6

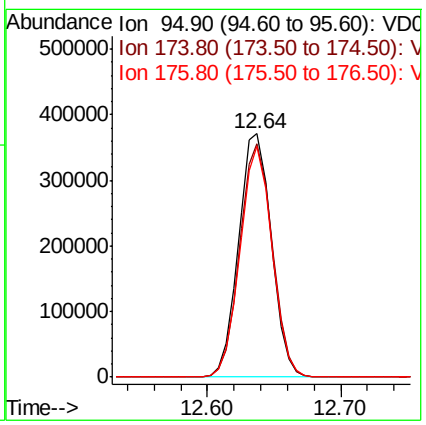


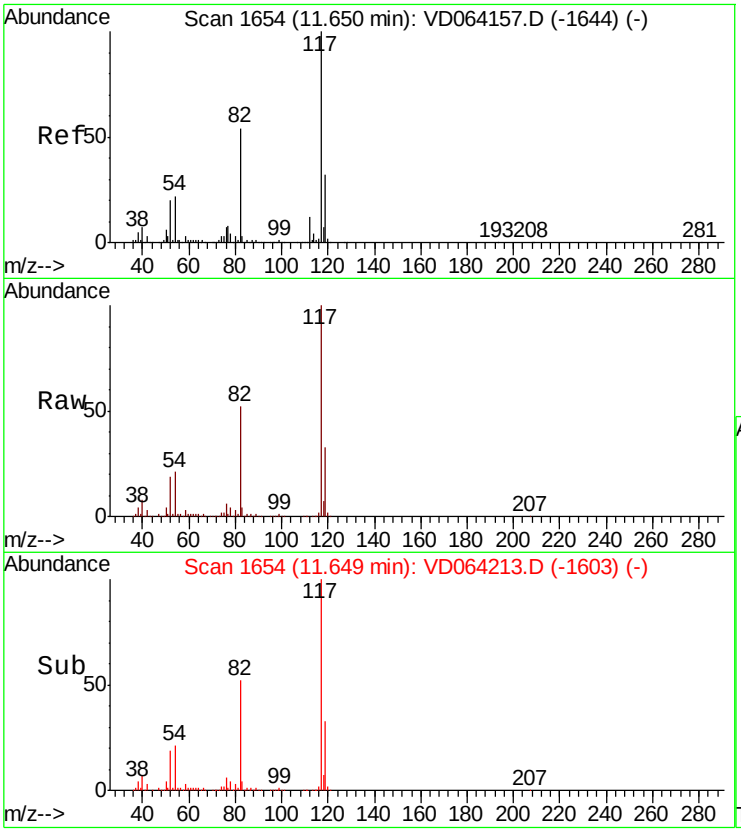


#62
4-Bromofluorobenzene
Concen: 65.496 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Tgt Ion: 95 Resp: 627412

Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	183.6
176	92.5	0.0	180.2



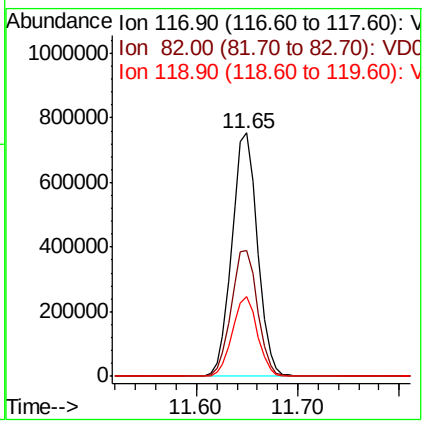


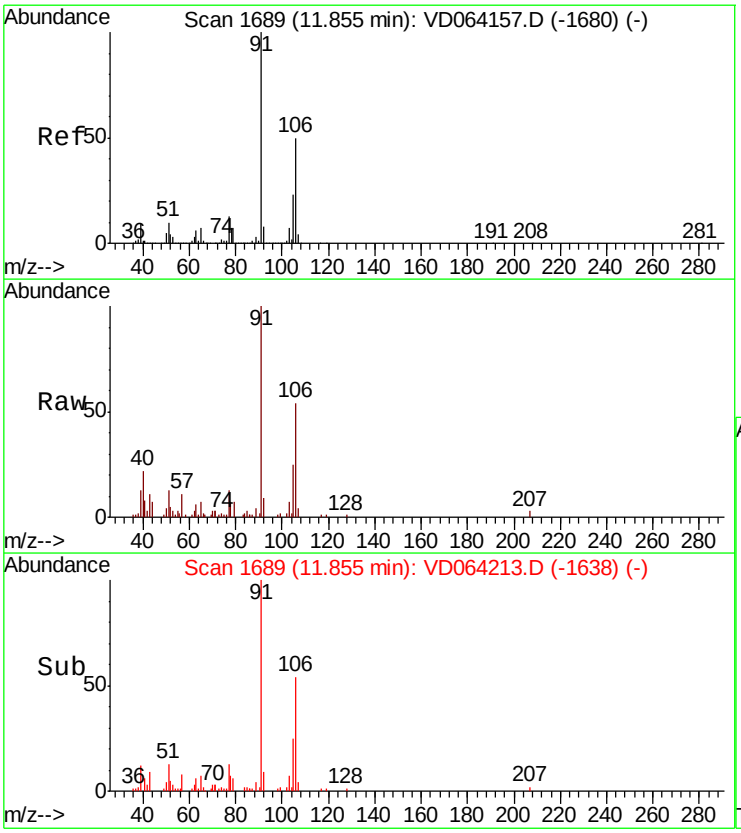
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 1324786

Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.8	64.2
119	32.6	25.6	38.4

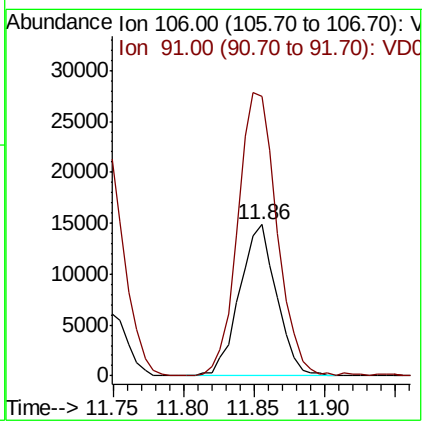


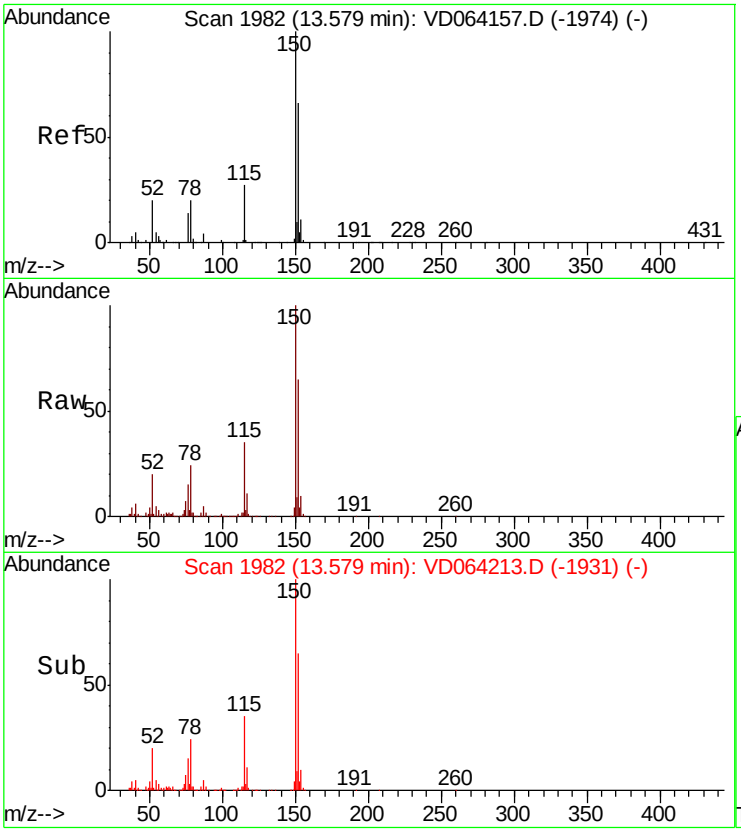


#68
m/p-Xylenes
Concen: 1.460 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Tgt Ion:106 Resp: 27278

Ion	Ratio	Lower	Upper
106	100		
91	197.7	160.3	240.5



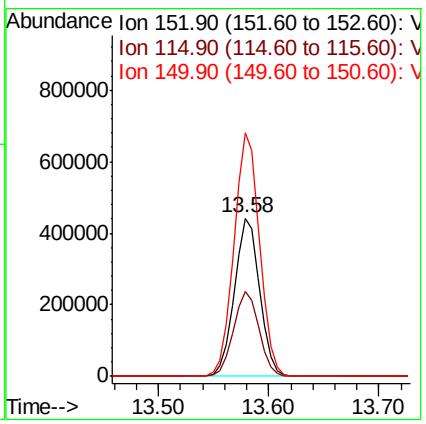


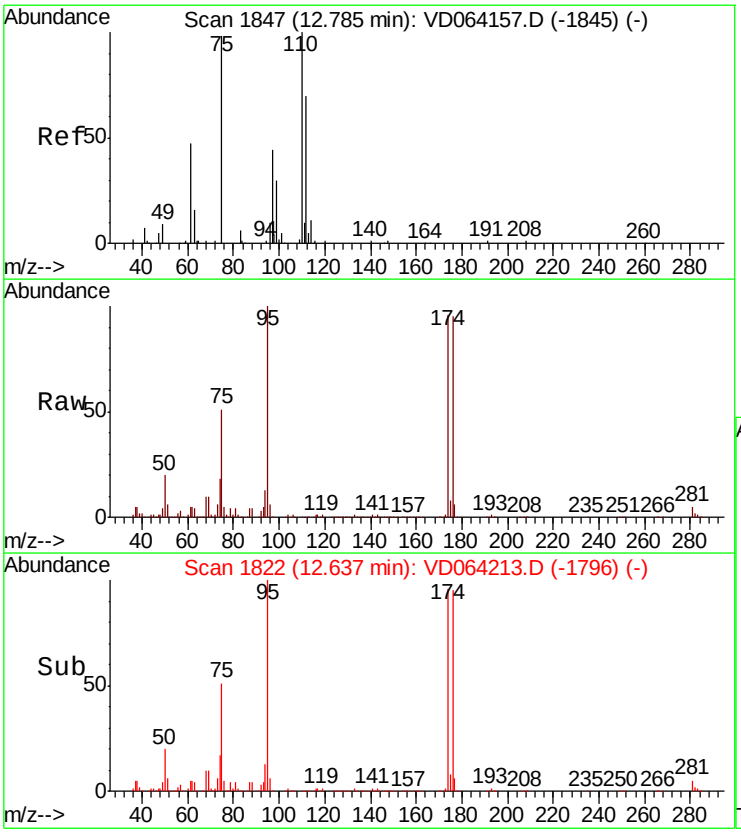
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 709914

Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.4	82.2
150	155.7	0.0	351.6

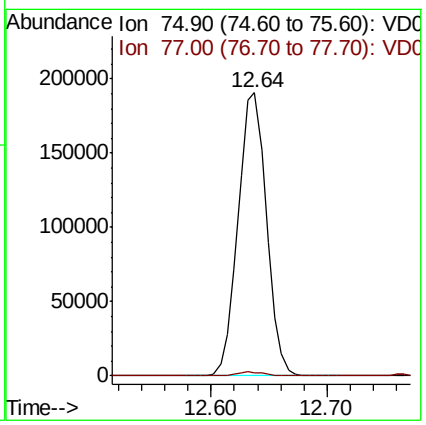


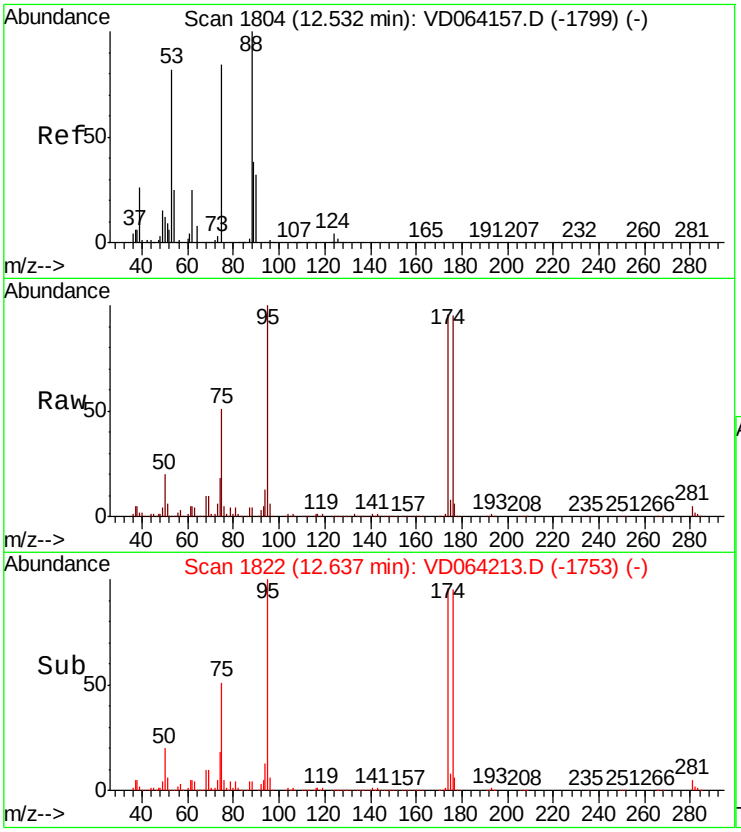


#76
1,2,3-Trichloropropane
Concen: 56.975 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Tgt Ion: 75 Resp: 325788

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 113.174 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 325788

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