Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012420\
Data File : VD064946.D
Acq On : 24 Jan 2020 16:40
Operator : VA/SY
Sample : L1243-09
Misc : 7.05/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CTY-SB-01-6-7

Quant Time: Jan 25 03:12:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	371452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	614680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	557257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	218771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	186165	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.50%			
35) Dibromofluoromethane	7.92	113	148501	38.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.88%			
50) Toluene-d8	10.34	98	736835	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.84%			
62) 4-Bromofluorobenzene	12.64	95	222426	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.50%			
Target Compounds						Qvalue
16) Acetone	4.17	43	10491	23.813	ug/l	98
17) Carbon Disulfide	4.40	76	25672	2.412	ug/l #	92
31) Cyclohexane	7.98	56	22420	3.612	ug/l #	72
39) Methylcyclohexane	9.36	83	27891	4.025	ug/l	99
40) Benzene	8.36	78	60359	3.697	ug/l	98
52) Toluene	10.41	92	19638	1.866	ug/l	93
67) Ethyl Benzene	11.75	91	22894	1.140	ug/l	98
68) m/p-Xylenes	11.86	106	27712	3.583	ug/l	99
69) o-Xylene	12.18	106	18023	2.626	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	17131	1.398	ug/l	95
84) 1,2,4-Trimethylbenzene	13.28	105	34003	2.739	ug/l	99
95) Naphthalene	15.41	128	374151	56.231	ug/l	99

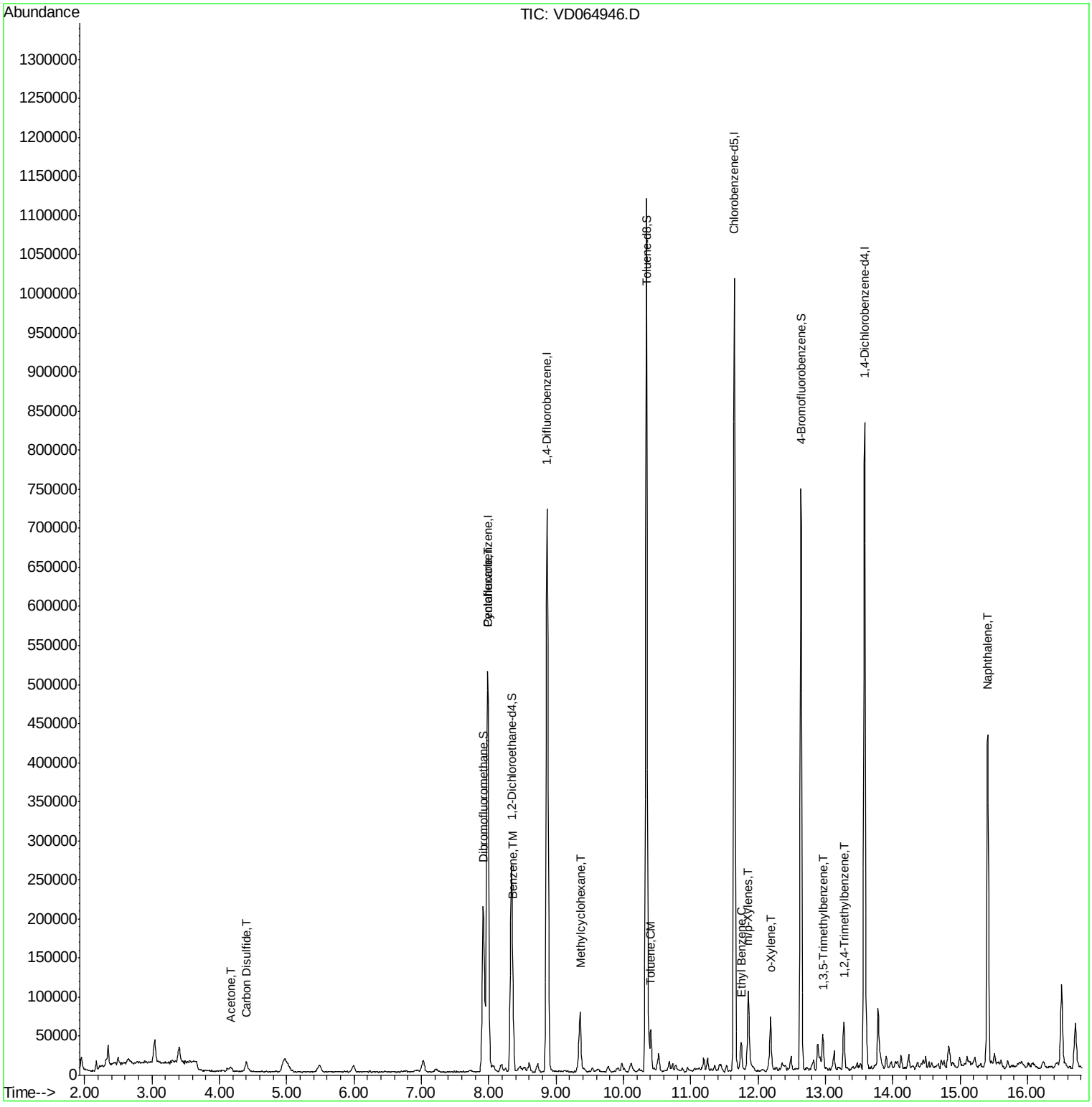
(#) = qualifier out of range (m) = manual integration (+) = signals summed

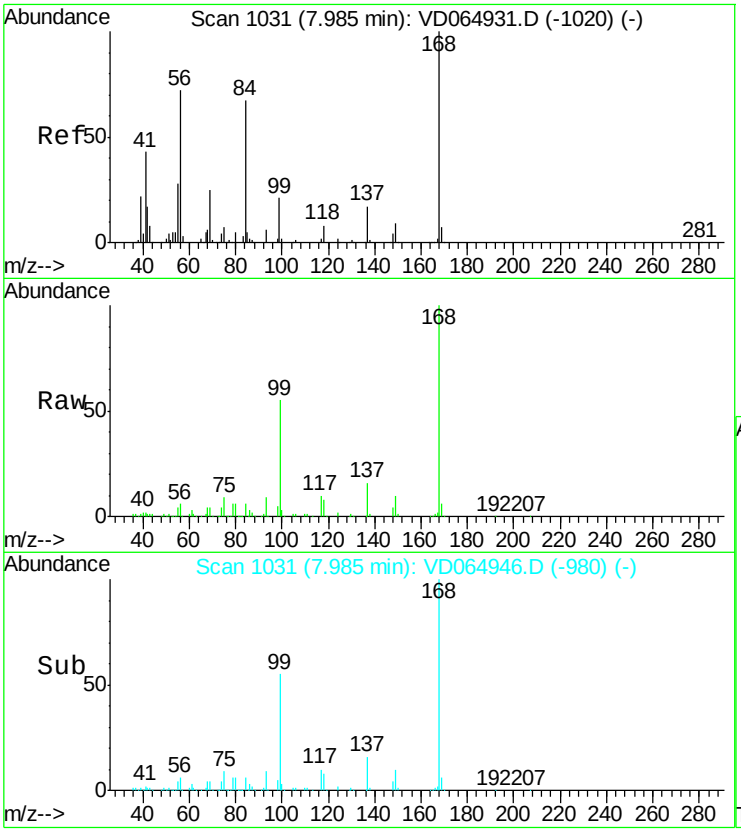
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012420\
Data File : VD064946.D
Acq On : 24 Jan 2020 16:40
Operator : VA/SY
Sample : L1243-09
Misc : 7.05/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-01-6-7

Quant Time: Jan 25 03:12:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration



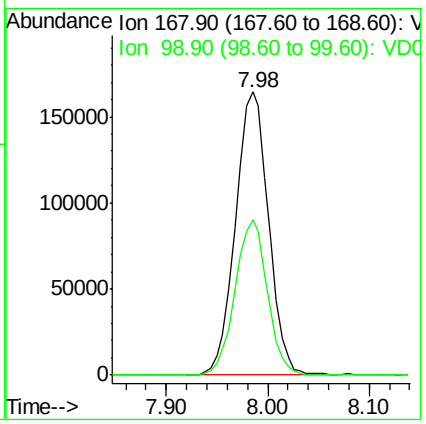


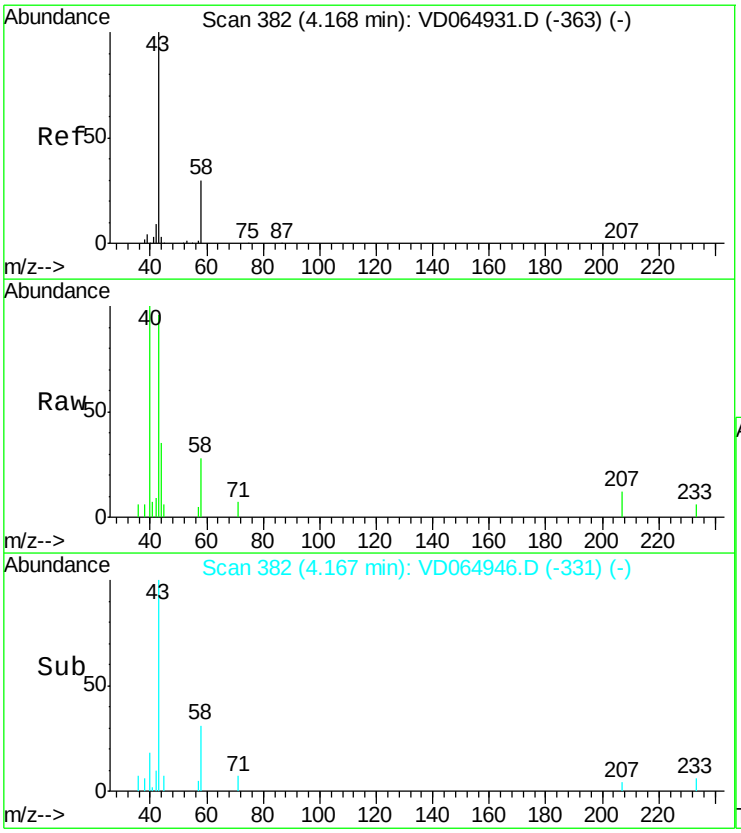
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Instrument : MSVOA_D
ClientSampleId : CTY-SB-01-6-7

Tgt Ion:168 Resp: 371452

Ion	Ratio	Lower	Upper
168	100		
99	55.1	43.3	64.9

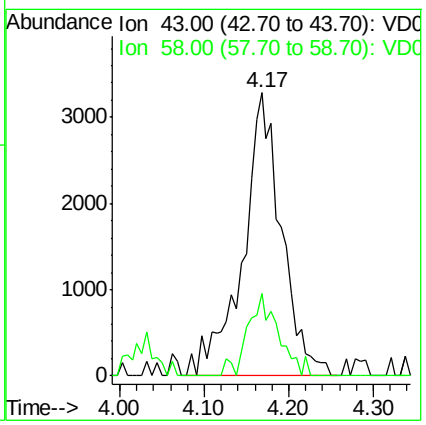


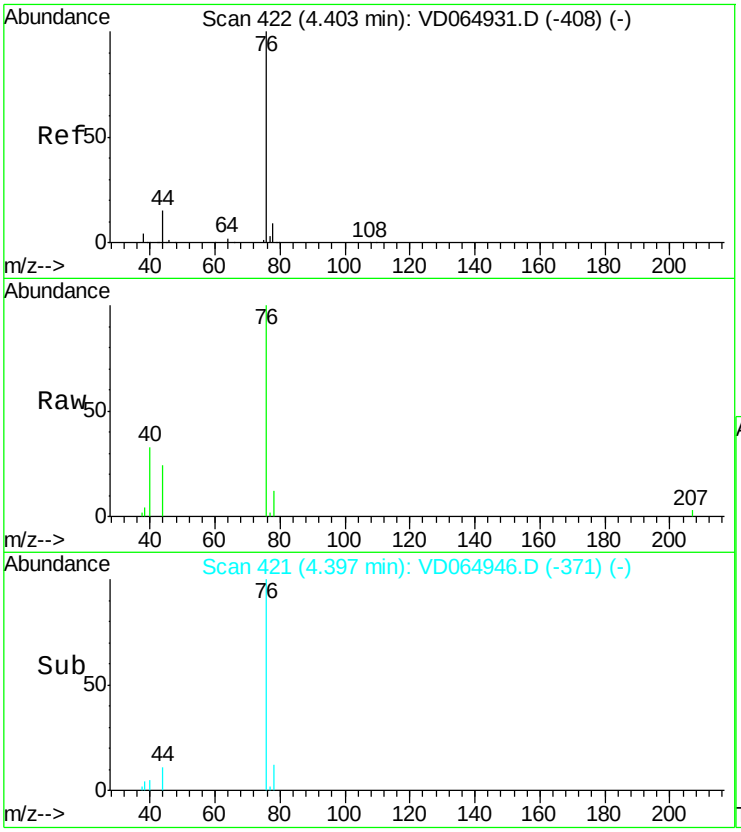


#16
Acetone
Concen: 23.813 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 43 Resp: 10491

Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.8	35.8



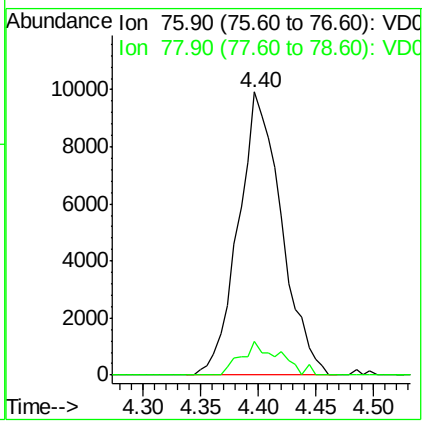


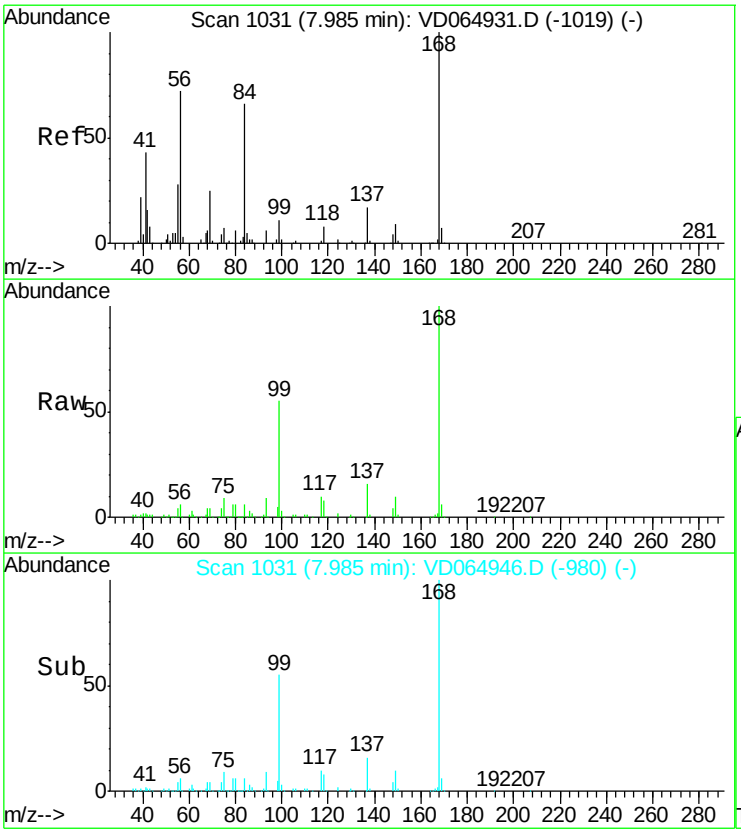
#17
Carbon Disulfide
Concen: 2.412 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-01-6-7

Tgt Ion: 76 Resp: 25672

Ion	Ratio	Lower	Upper
76	100		
78	11.8	7.1	10.7#

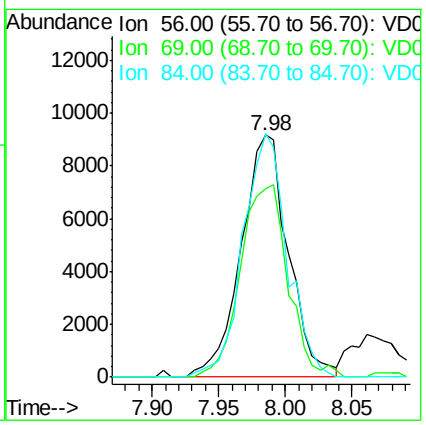


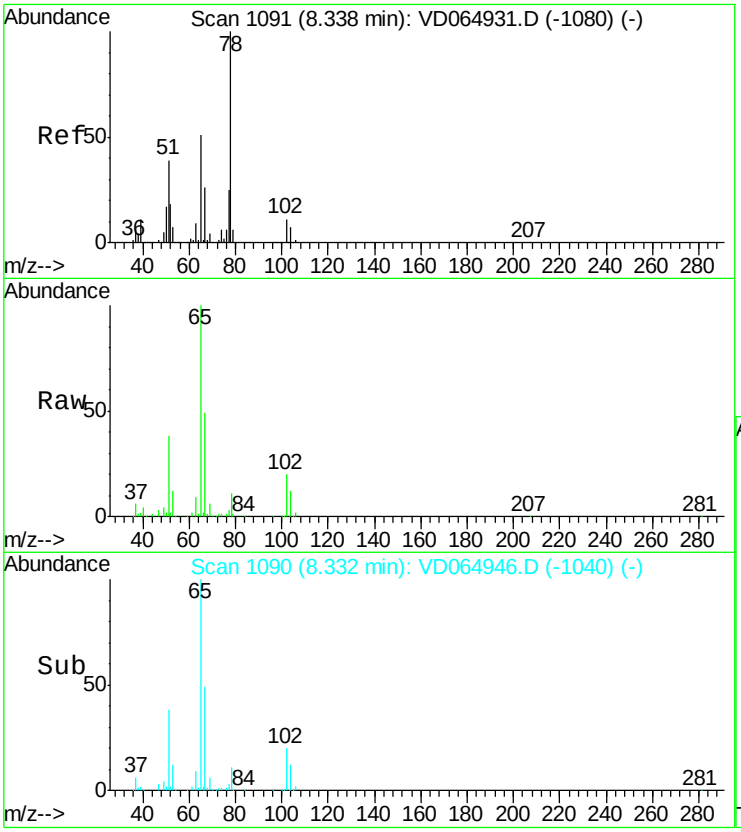


#31
Cyclohexane
Concen: 3.612 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 56 Resp: 22420

Ion	Ratio	Lower	Upper
56	100		
69	78.1	27.9	41.9#
84	100.5	72.8	109.2



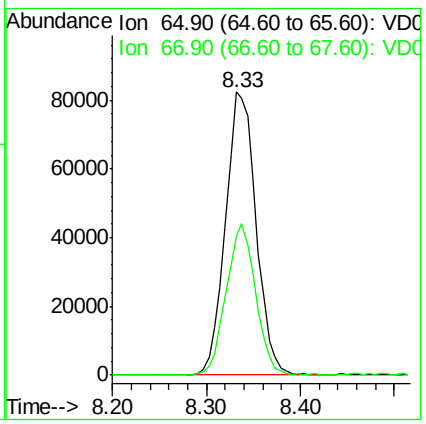


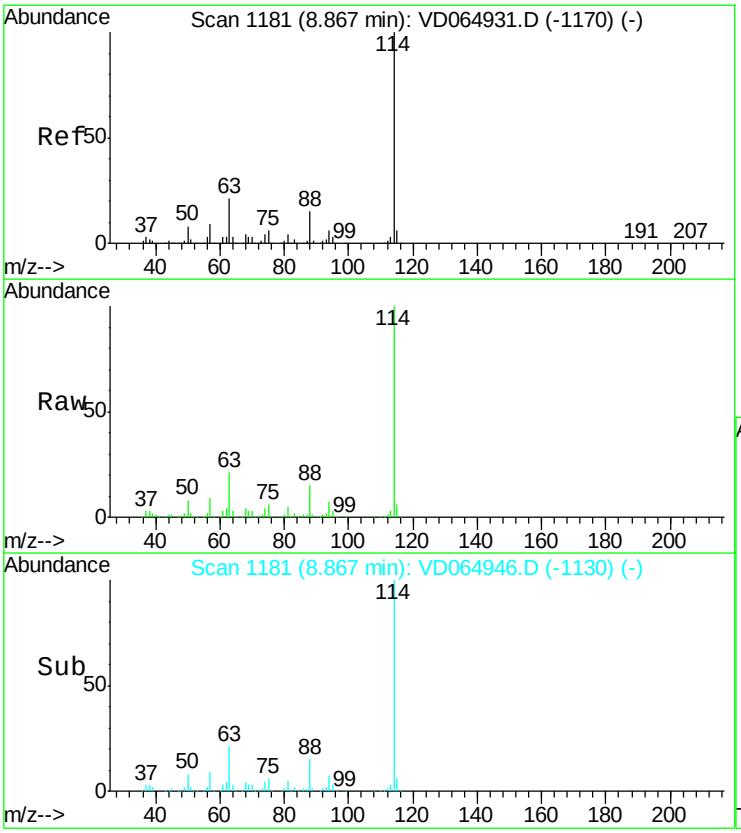
#33
1,2-Dichloroethane-d4
Concen: 52.249 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-01-6-7

Tgt Ion: 65 Resp: 186165

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.6

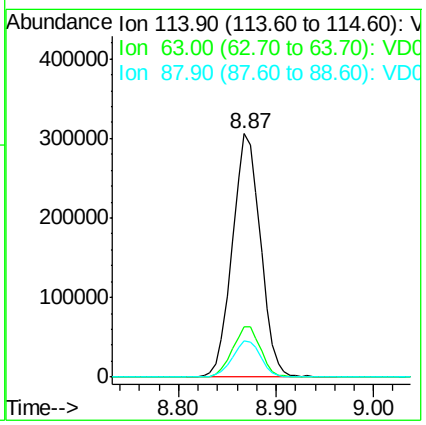


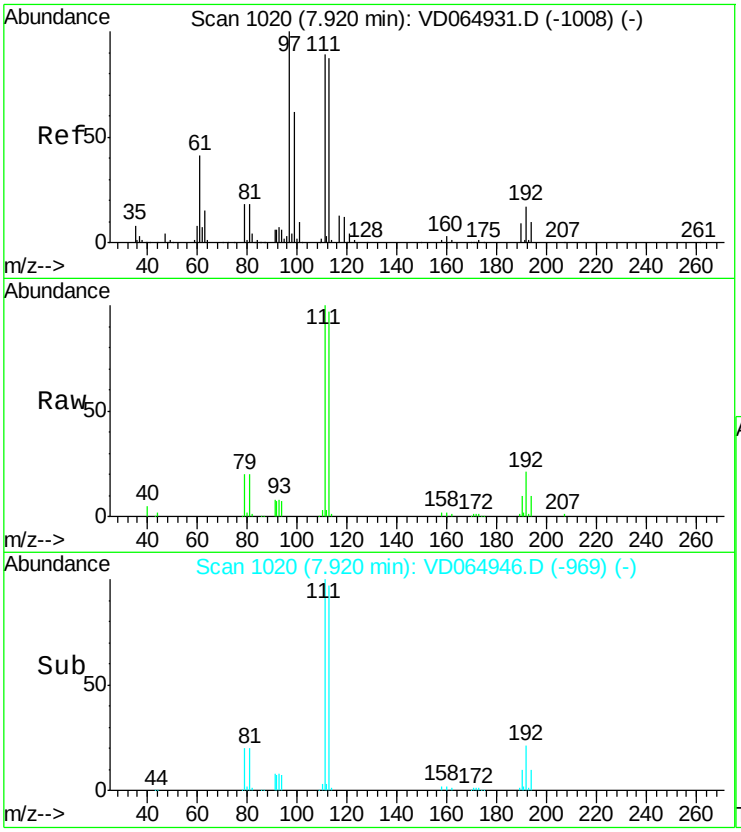


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Tgt Ion:114 Resp: 614680

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.0
88	14.7	0.0	29.4



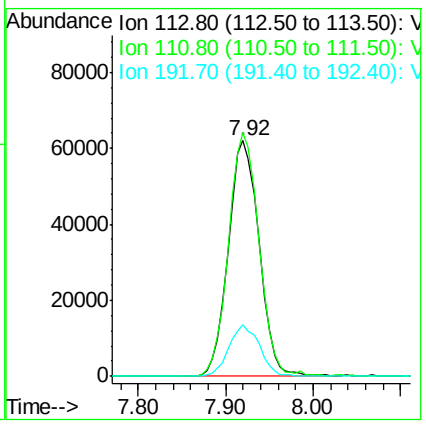


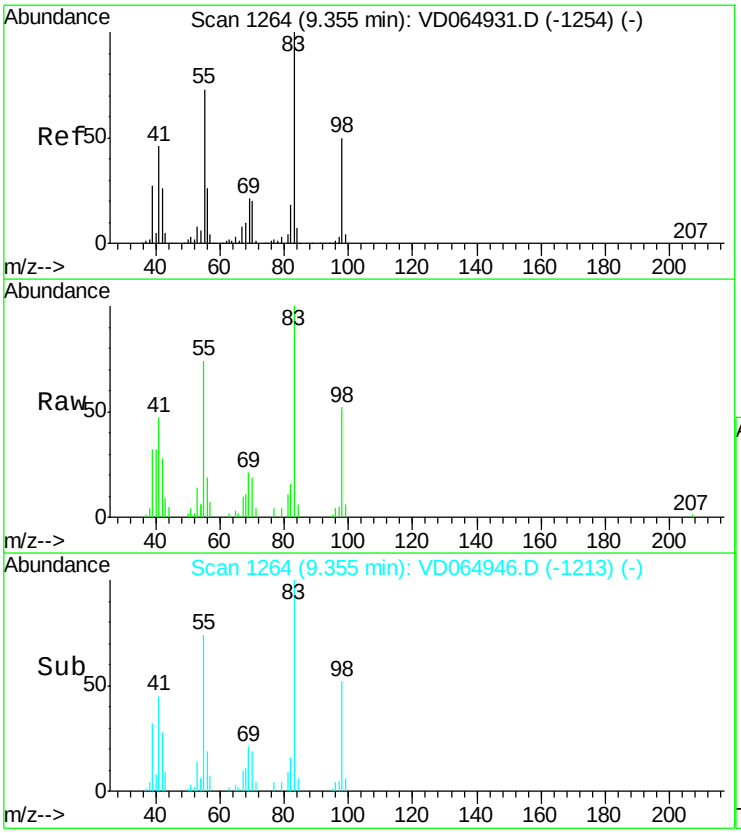
#35
Dibromofluoromethane
Concen: 38.445 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-01-6-7

Tgt Ion:113 Resp: 148501

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	21.6	16.9	25.3

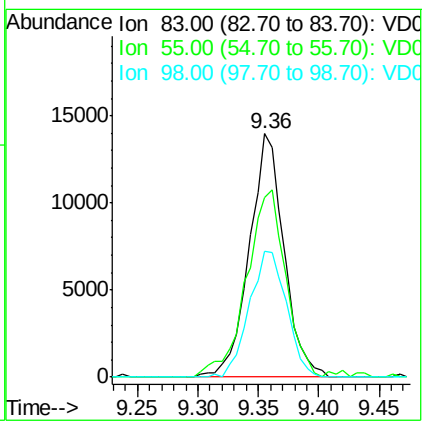


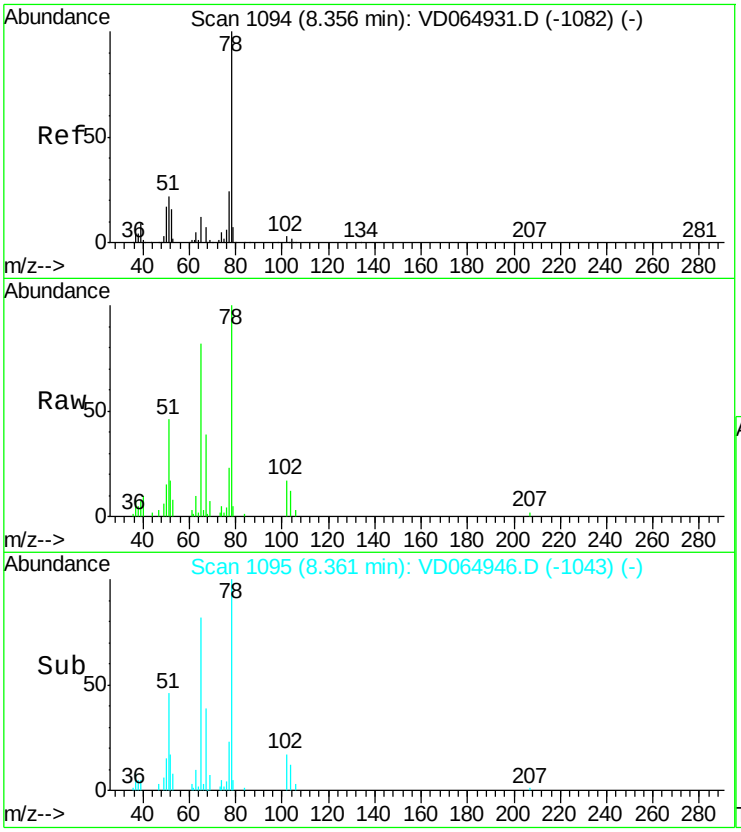


#39
Methylcyclohexane
Concen: 4.025 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 83 Resp: 27891

Ion	Ratio	Lower	Upper
83	100		
55	73.7	58.7	88.1
98	51.6	40.2	60.2



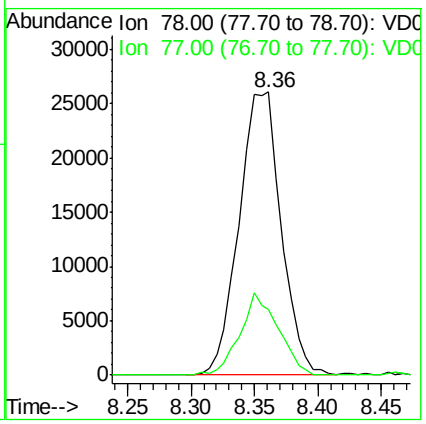


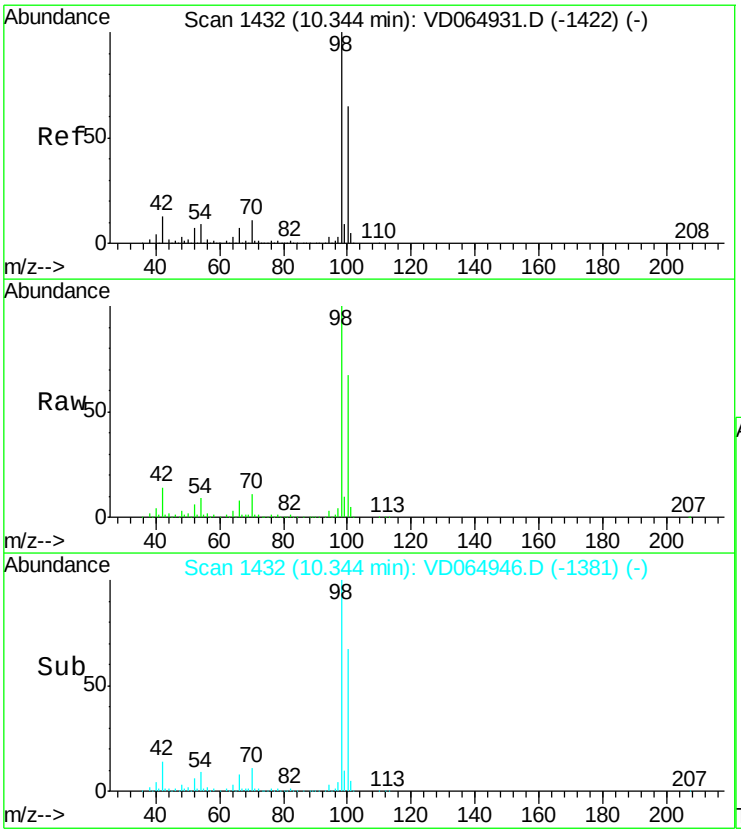
#40
Benzene
Concen: 3.697 ug/l
RT: 8.36 min Scan# 1095
Delta R.T. 0.01 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-01-6-7

Tgt Ion: 78 Resp: 60359

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8

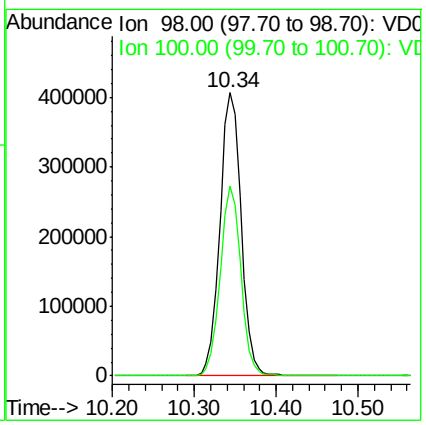


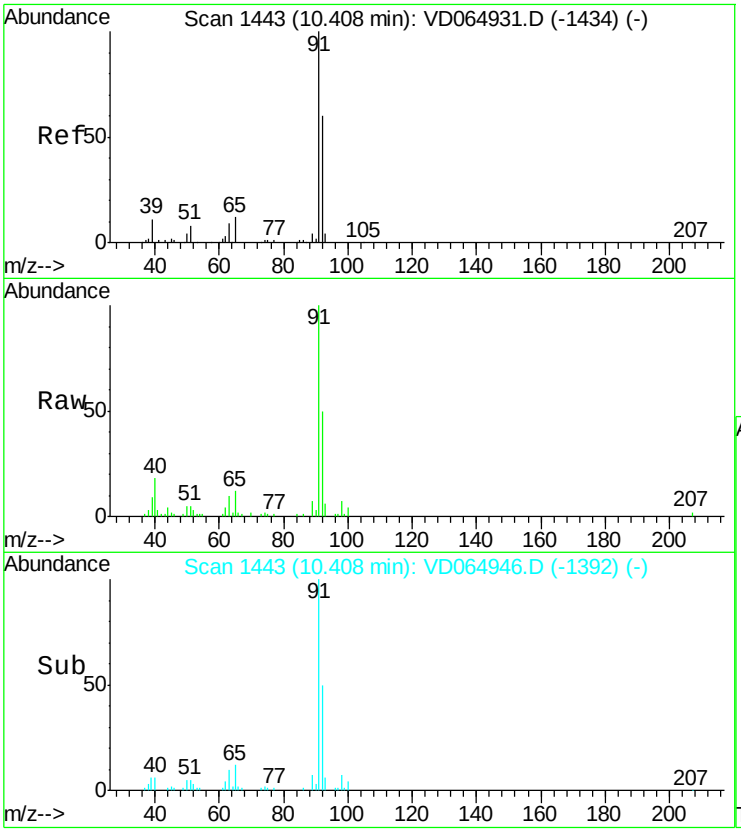


#50
Toluene-d8
Concen: 49.423 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 98 Resp: 736835

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5



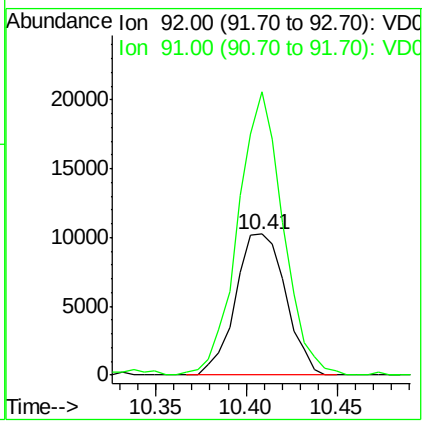


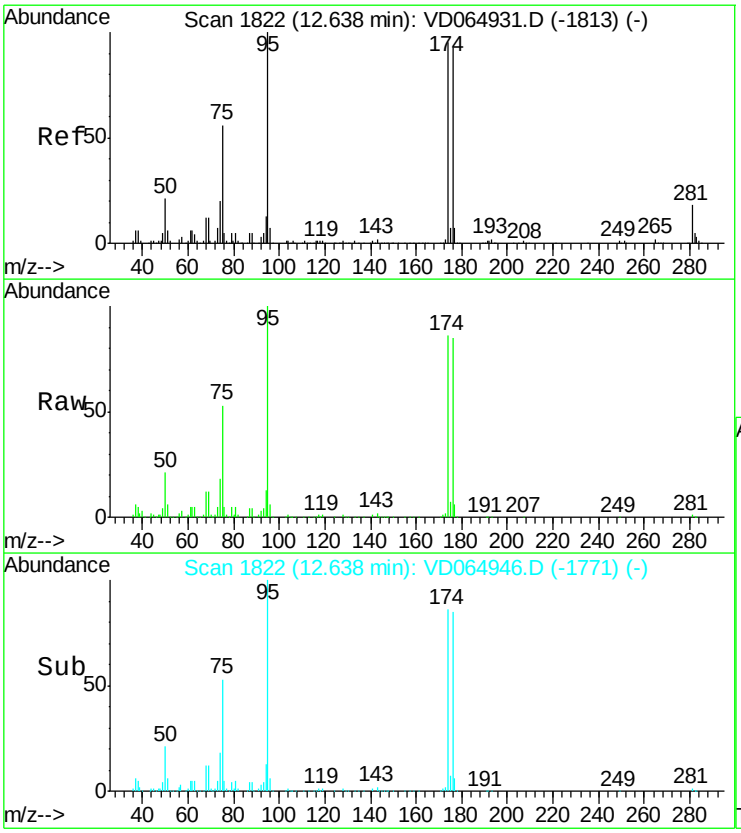
#52
Toluene
Concen: 1.866 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-01-6-7

Tgt Ion: 92 Resp: 19638

Ion	Ratio	Lower	Upper
92	100		
91	181.3	136.8	205.2

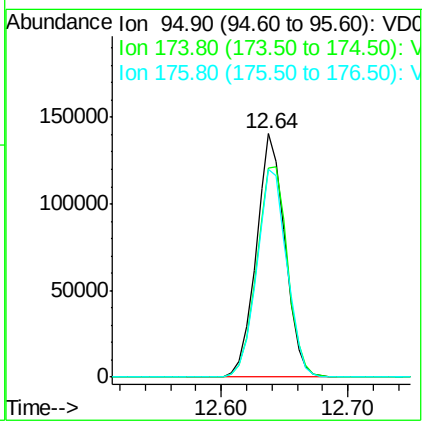


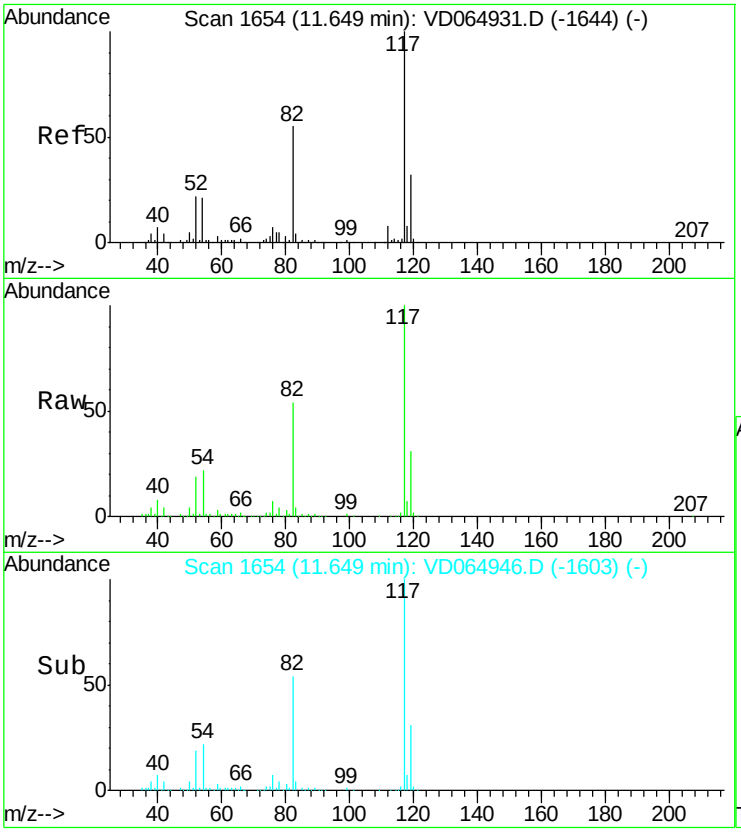


#62
4-Bromofluorobenzene
Concen: 48.752 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 95 Resp: 222426

Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	186.8
176	88.6	0.0	183.4



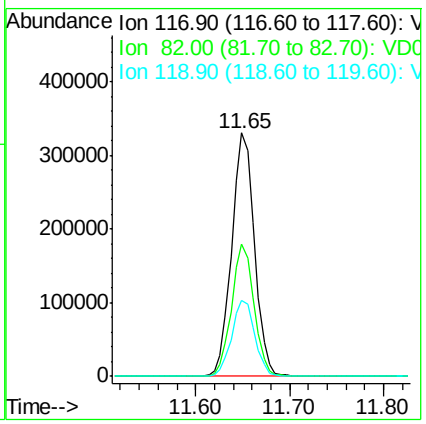


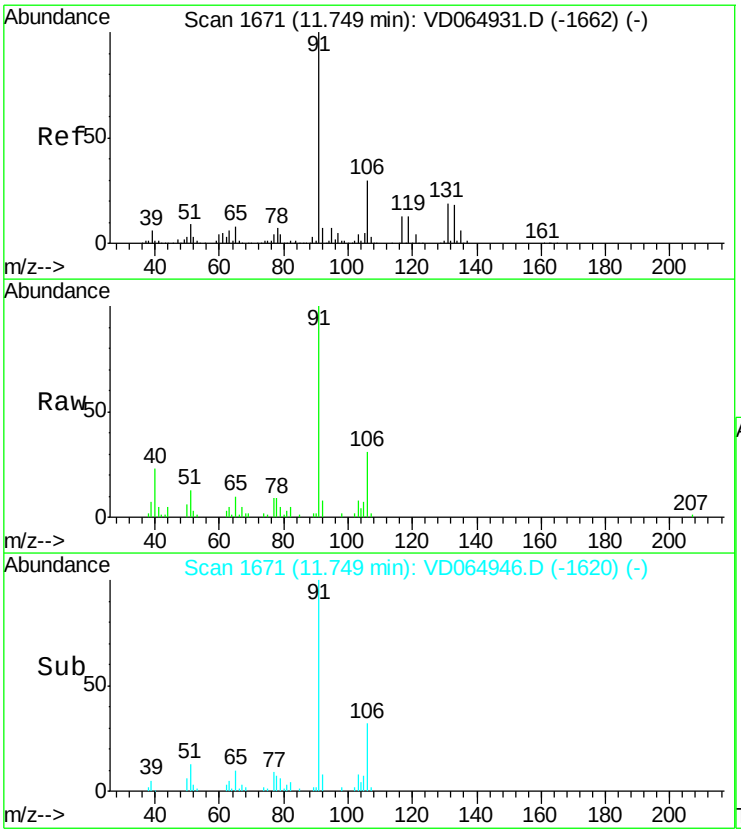
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Instrument : MSVOA_D
ClientSampleId : CTY-SB-01-6-7

Tgt Ion:117 Resp: 557257

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.6	65.4
119	31.1	25.2	37.8

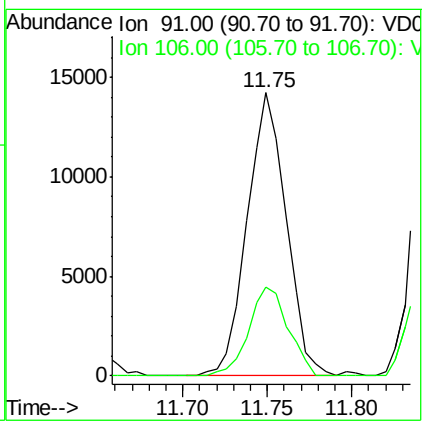


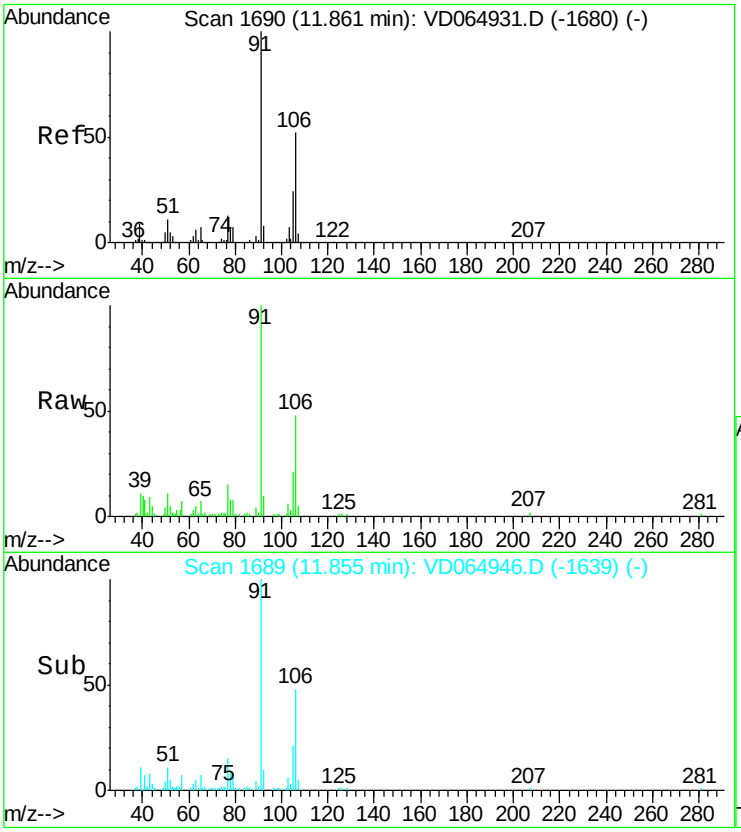


#67
Ethyl Benzene
Concen: 1.140 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Tgt Ion: 91 Resp: 22894

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.3	36.5



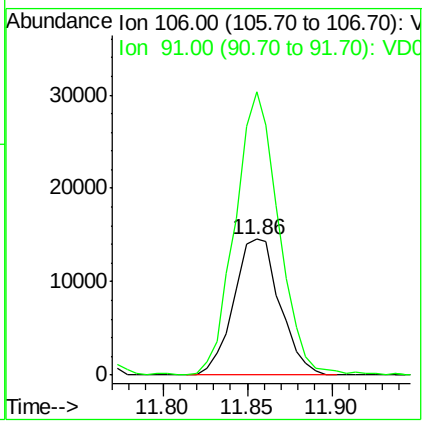


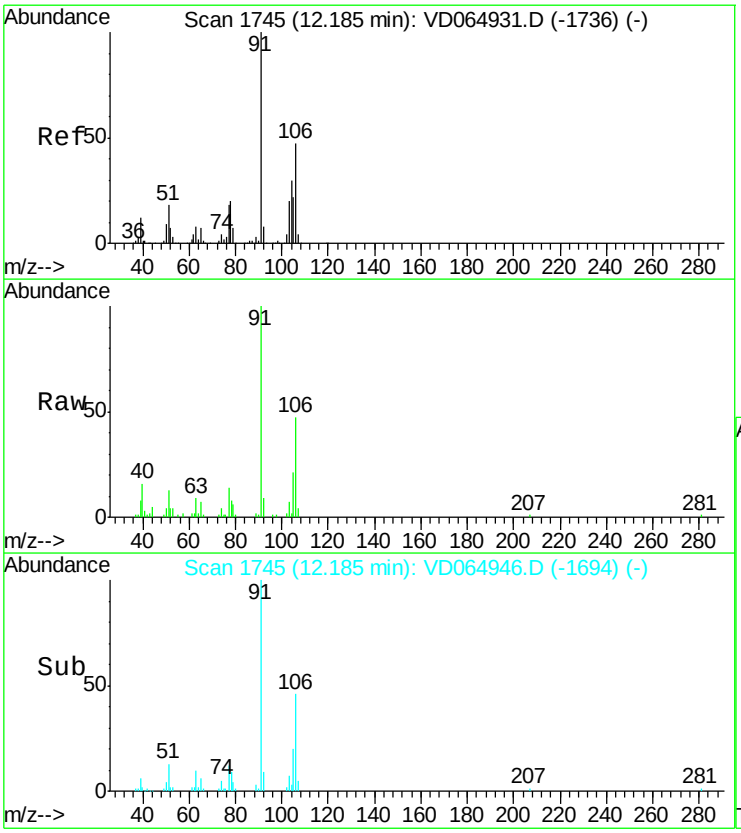
#68
m/p-Xylenes
Concen: 3.583 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-01-6-7

Tgt Ion:106 Resp: 27712

Ion	Ratio	Lower	Upper
106	100		
91	197.3	159.0	238.4

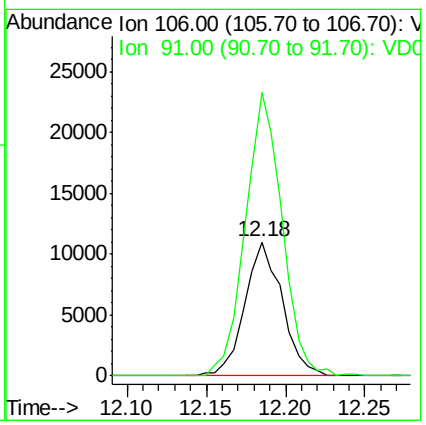


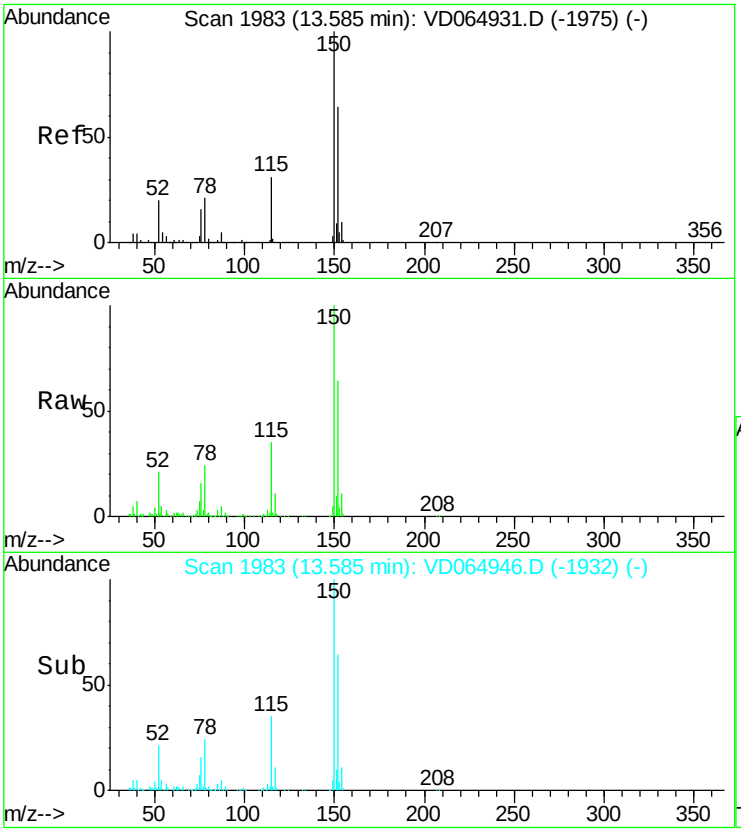


#69
o-Xylene
Concen: 2.626 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Tgt Ion:106 Resp: 18023

Ion	Ratio	Lower	Upper
106	100		
91	208.2	106.7	319.9



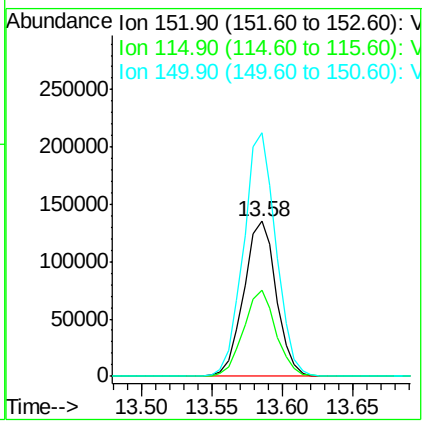


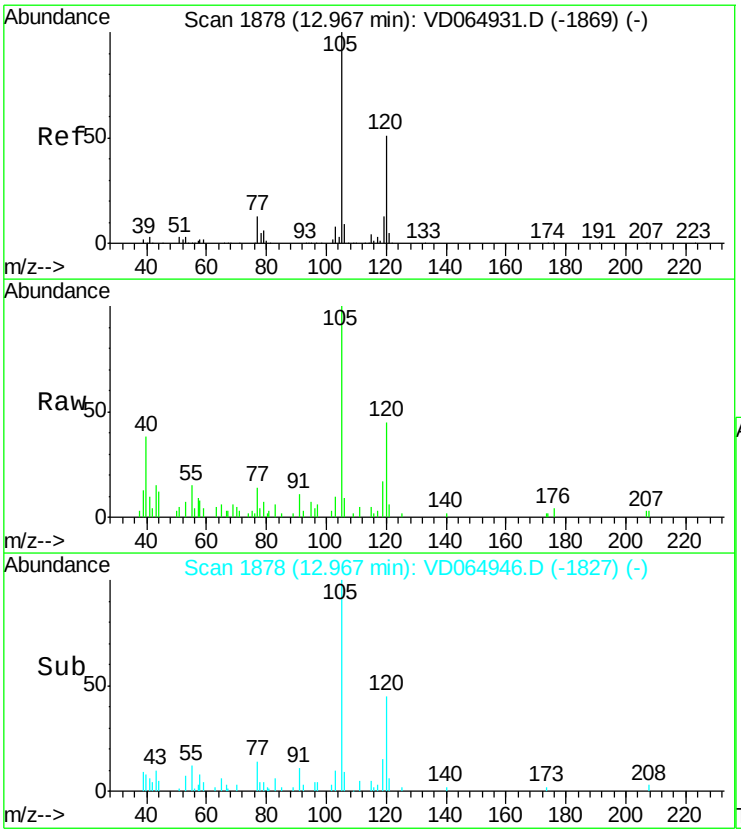
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Instrument : MSVOA_D
ClientSampleId : CTY-SB-01-6-7

Tgt Ion:152 Resp: 218771

Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.1	84.4
150	156.4	0.0	350.4

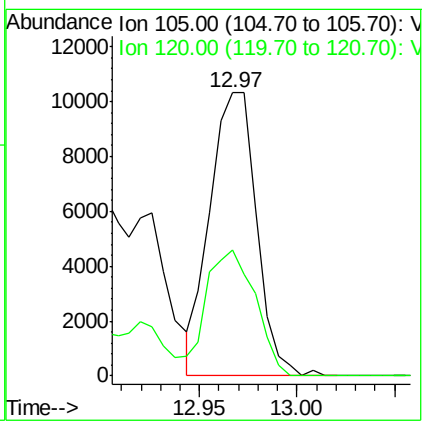


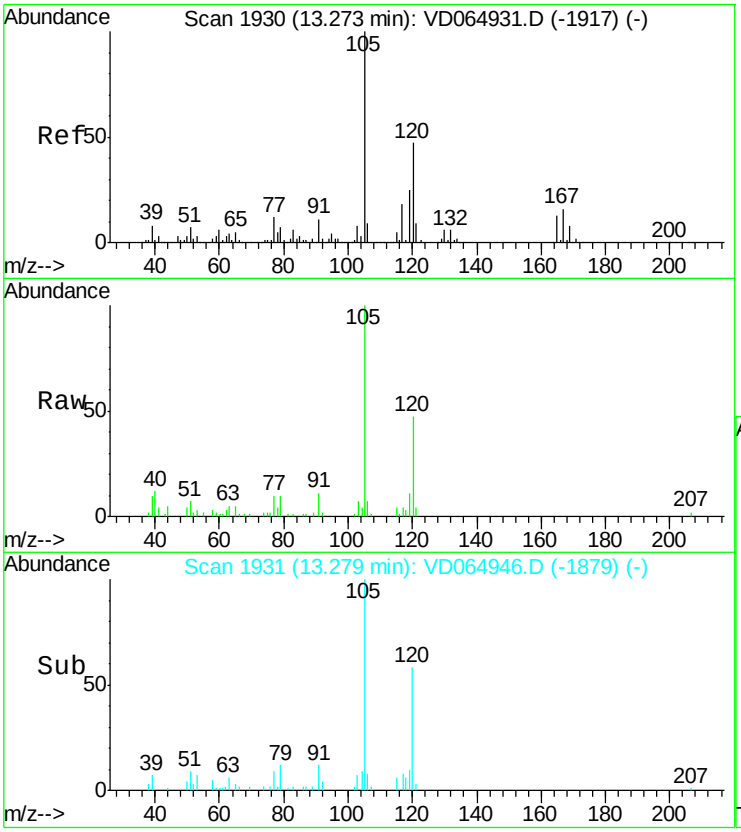


#80
1,3,5-Trimethylbenzene
Concen: 1.398 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Tgt Ion:105 Resp: 17131

Ion	Ratio	Lower	Upper
105	100		
120	47.6	25.6	76.8



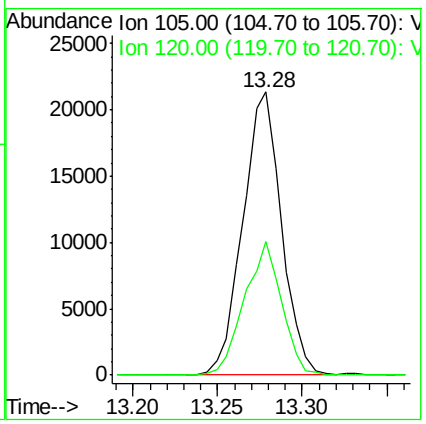


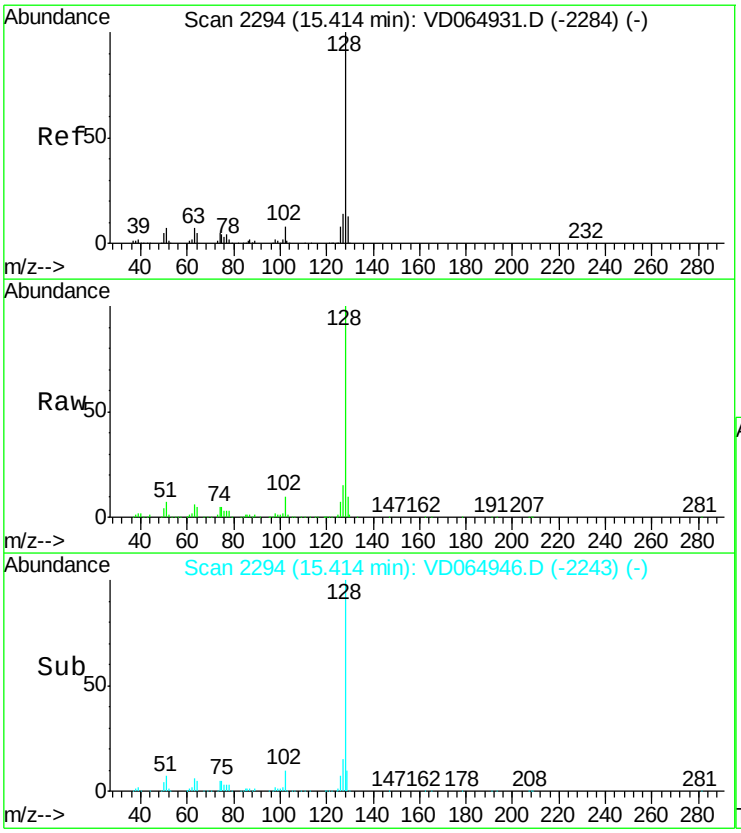
#84
1,2,4-Trimethylbenzene
Concen: 2.739 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.01 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-01-6-7

Tgt Ion:105 Resp: 34003

Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.1	69.3





#95
Naphthalene
Concen: 56.231 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064946.D
Acq: 24 Jan 2020 16:40

Tgt Ion:128 Resp: 374151

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	10.7	9.3	13.9