Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD022020\
Data File : VD065254.D
Acq On : 20 Feb 2020 14:03
Operator : VA/SY
Sample : L1601-06
Misc : 4.30G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SW-3

Quant Time: Feb 21 04:43:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	626978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1033803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	921702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	424132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	301707	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.98%			
35) Dibromofluoromethane	7.92	113	309896	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
50) Toluene-d8	10.34	98	1240502	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.96%			
62) 4-Bromofluorobenzene	12.64	95	393934	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.20%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.25	59	11126	33.010	ug/l #	72
16) Acetone	4.17	43	54083	39.225	ug/l	97
19) Methyl tert-butyl Ether	5.50	73	42051	3.469	ug/l #	1
25) 2-Butanone	7.22	43	12608	7.227	ug/l	91
40) Benzene	8.36	78	500397	17.624	ug/l	99
52) Toluene	10.41	92	51466	2.928	ug/l	97
67) Ethyl Benzene	11.75	91	237495	7.331	ug/l	97
68) m/p-Xylenes	11.86	106	159123	12.839	ug/l	99
69) o-Xylene	12.19	106	50325	4.583	ug/l	95
73) Isopropylbenzene	12.49	105	149806	5.335	ug/l	99
78) n-propylbenzene	12.83	91	702919	20.831	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	48911	2.115	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	185018	7.993	ug/l	100
85) sec-Butylbenzene	13.41	105	74888	2.681	ug/l #	58
89) n-Butylbenzene	13.86	91	172978	7.349	ug/l #	82
95) Naphthalene	15.41	128	903058	73.374	ug/l	100

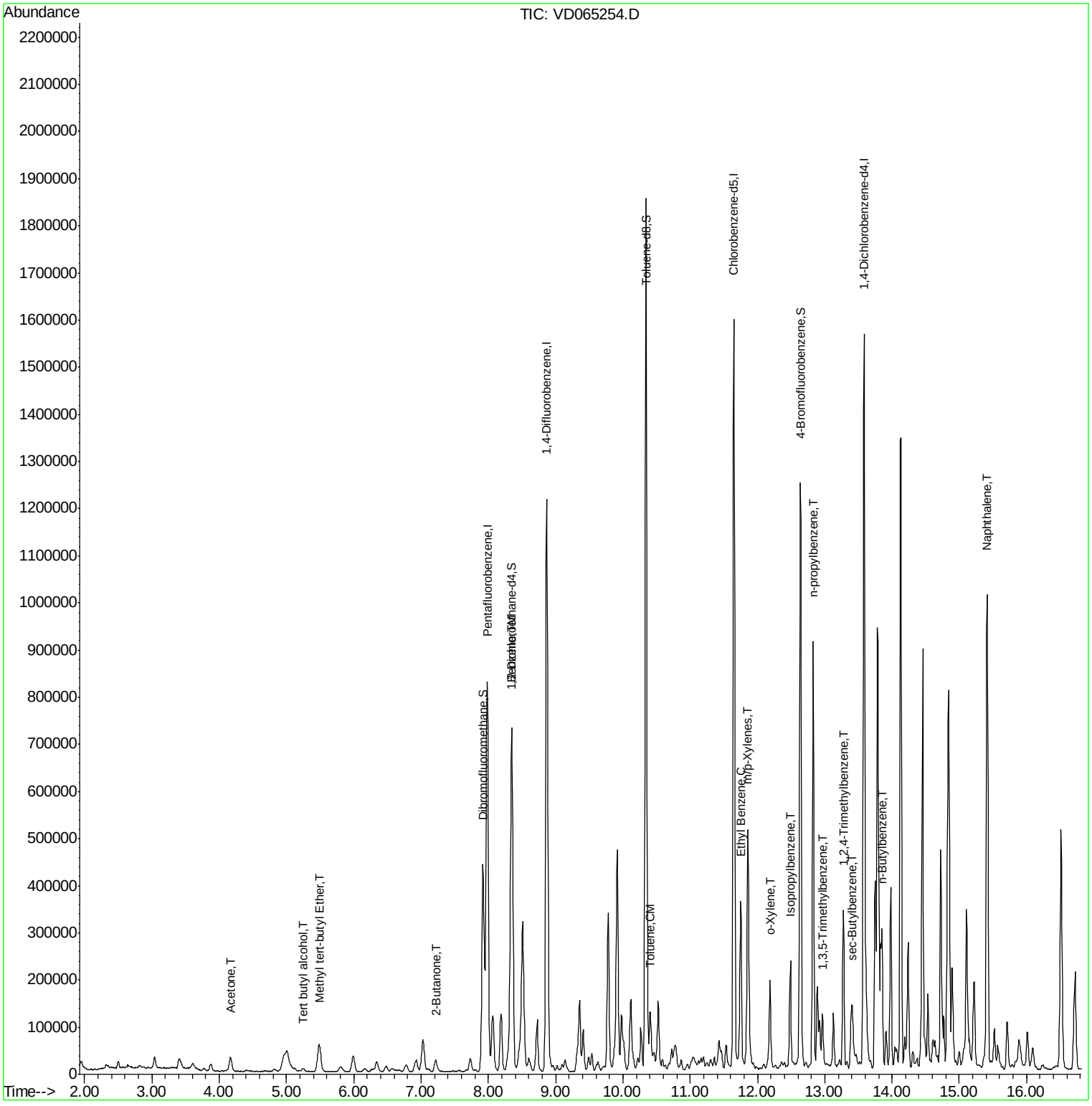
(#) = qualifier out of range (m) = manual integration (+) = signals summed

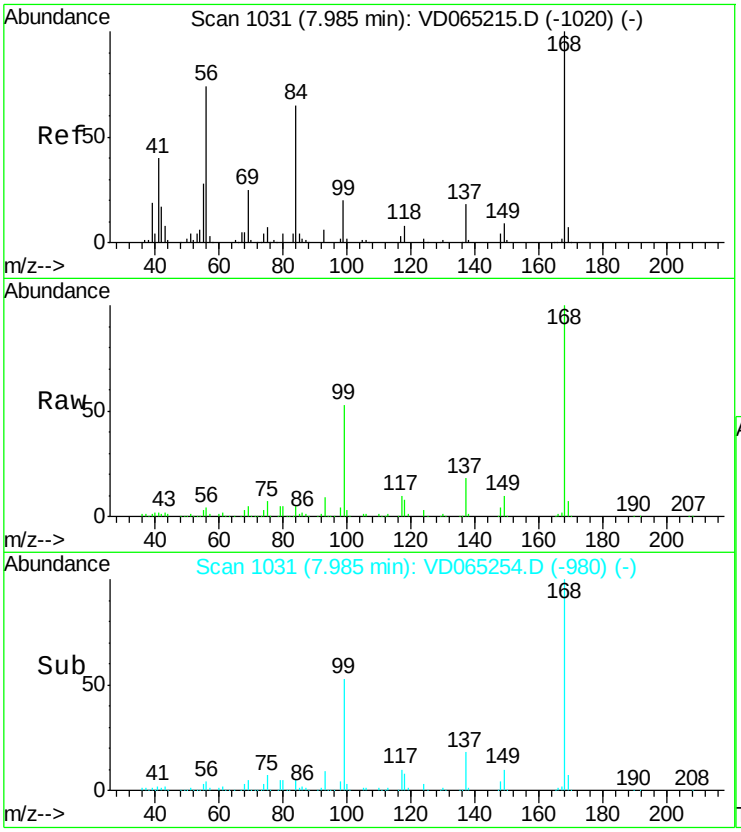
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD022020\
Data File : VD065254.D
Acq On : 20 Feb 2020 14:03
Operator : VA/SY
Sample : L1601-06
Misc : 4.30G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SW-3

Quant Time: Feb 21 04:43:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration



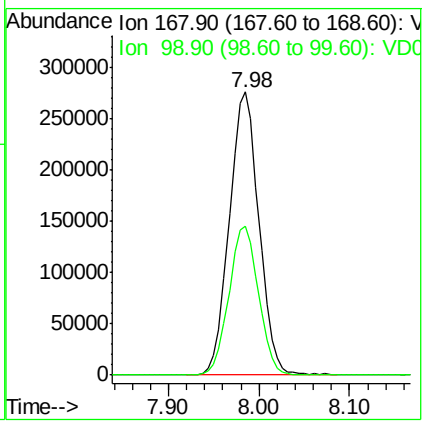


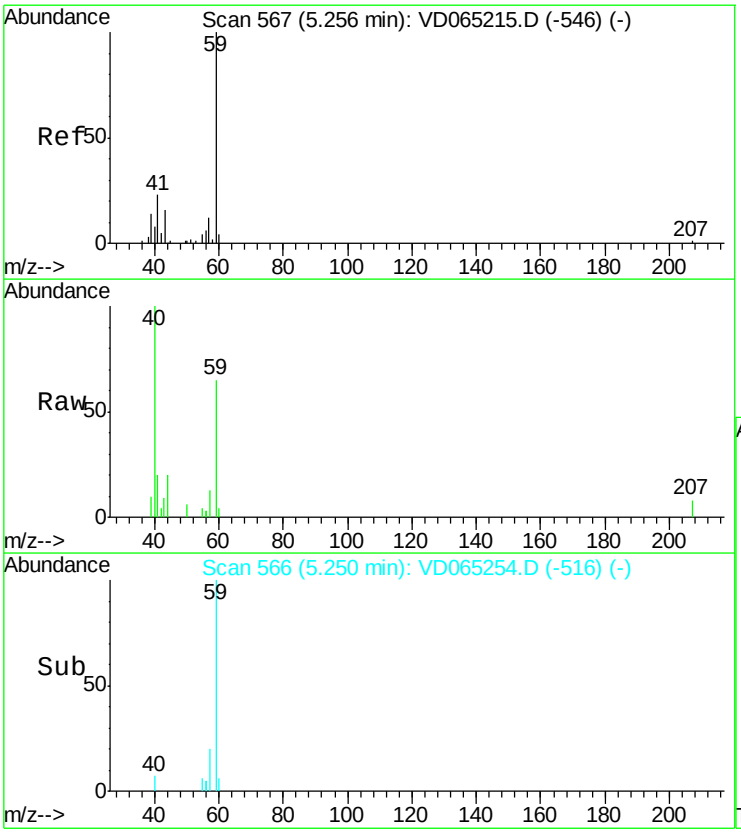
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument : MSVOA_D
ClientSampleId : SW-3

Tgt Ion:168 Resp: 626978

Ion	Ratio	Lower	Upper
168	100		
99	52.6	41.4	62.2

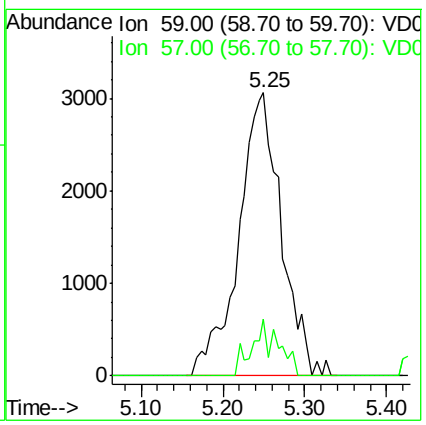


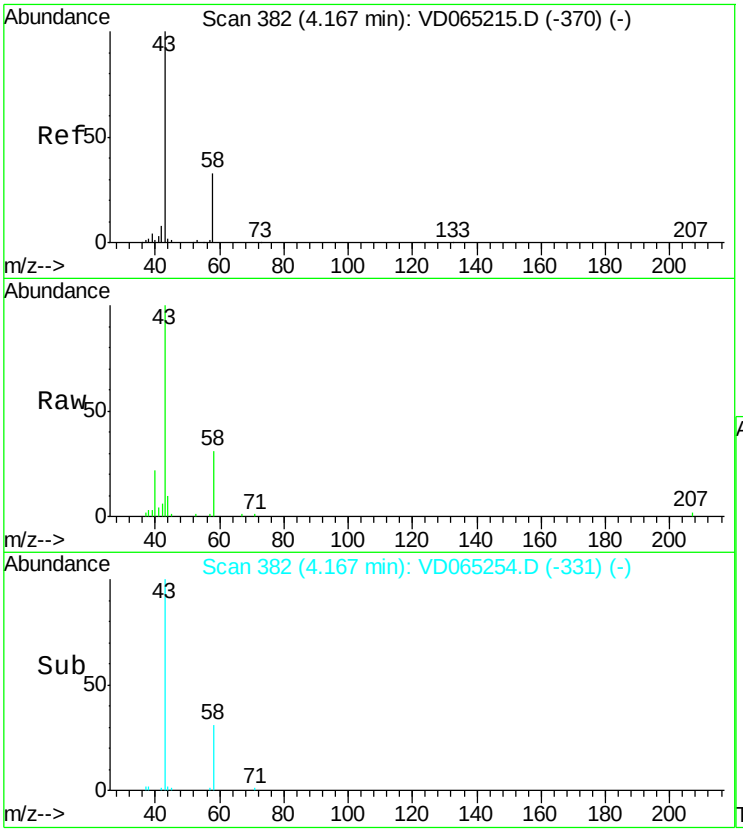


#11
Tert butyl alcohol
Concen: 33.010 ug/l
RT: 5.25 min Scan# 566
Delta R.T. -0.01 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion: 59 Resp: 11126

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



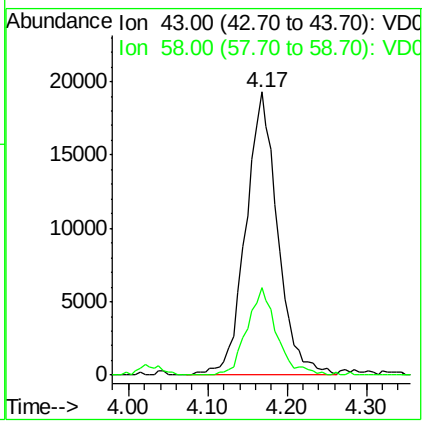


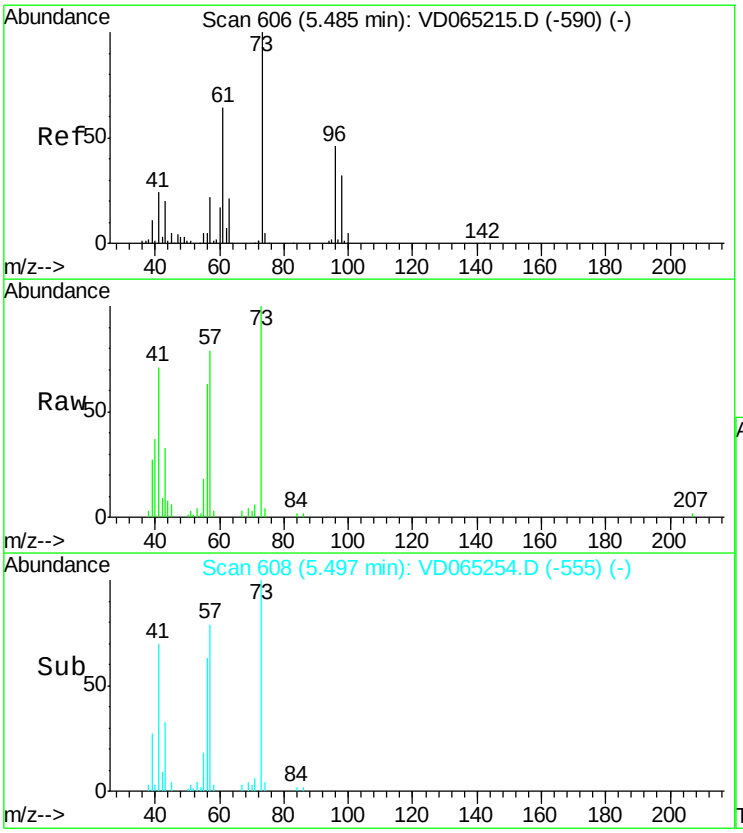
#16
Acetone
Concen: 39.225 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument :
MSVOA_D
ClientSampleId :
SW-3

Tgt Ion: 43 Resp: 54083

Ion	Ratio	Lower	Upper
43	100		
58	31.0	26.2	39.2

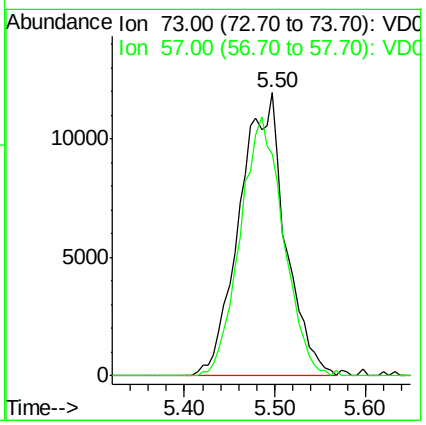


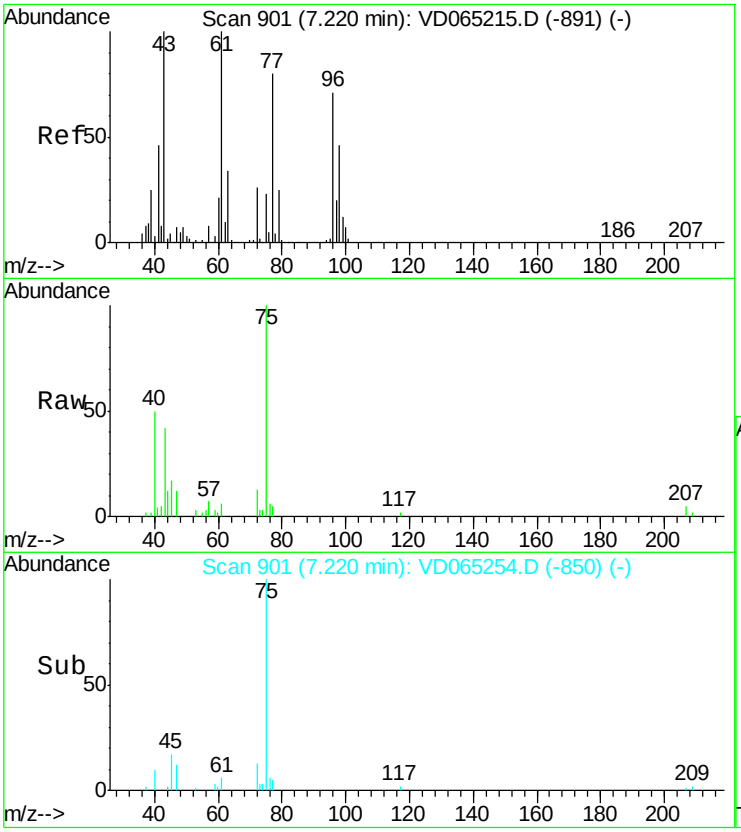


#19
Methyl tert-butyl Ether
Concen: 3.469 ug/l
RT: 5.50 min Scan# 608
Delta R.T. 0.01 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion: 73 Resp: 42051

Ion	Ratio	Lower	Upper
73	100		
57	78.6	17.3	25.9#



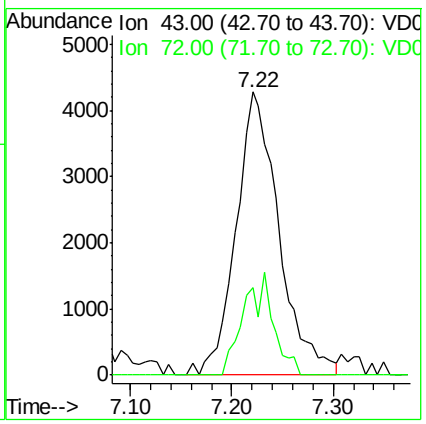


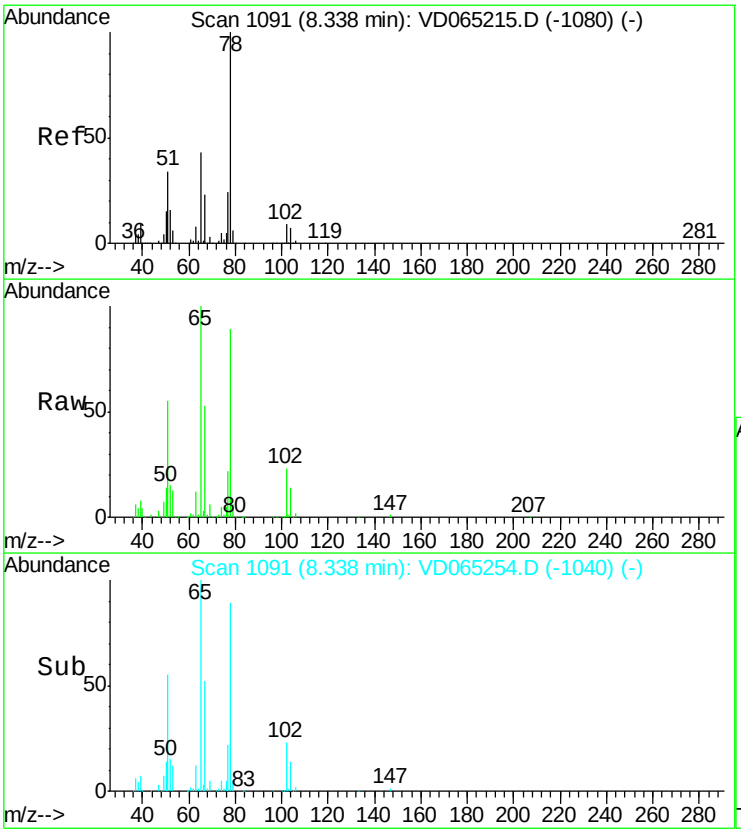
#25
2-Butanone
Concen: 7.227 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument :
MSVOA_D
ClientSampleId :
SW-3

Tgt Ion: 43 Resp: 12608

Ion	Ratio	Lower	Upper
43	100		
72	30.7	20.9	31.3

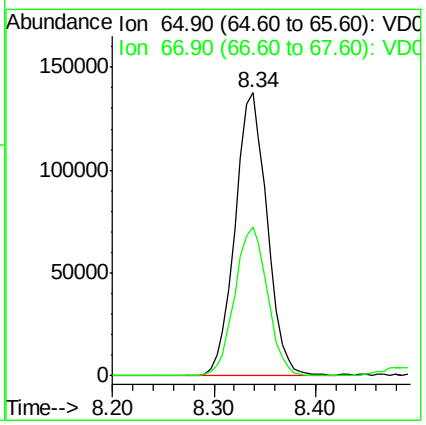


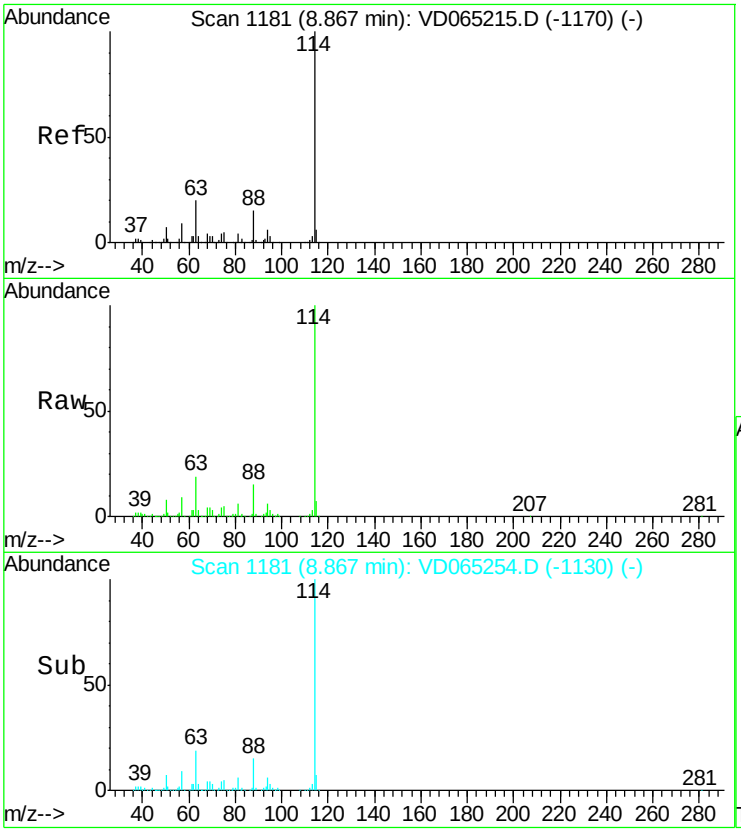


#33
1,2-Dichloroethane-d4
Concen: 53.491 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion: 65 Resp: 301707

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.8



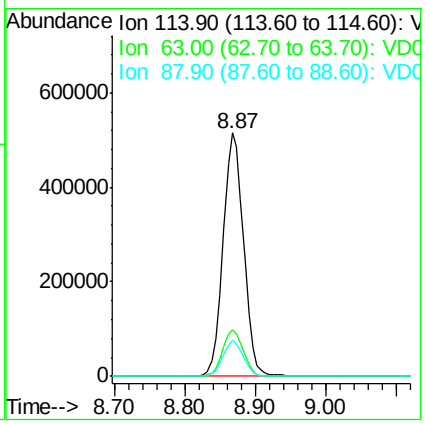


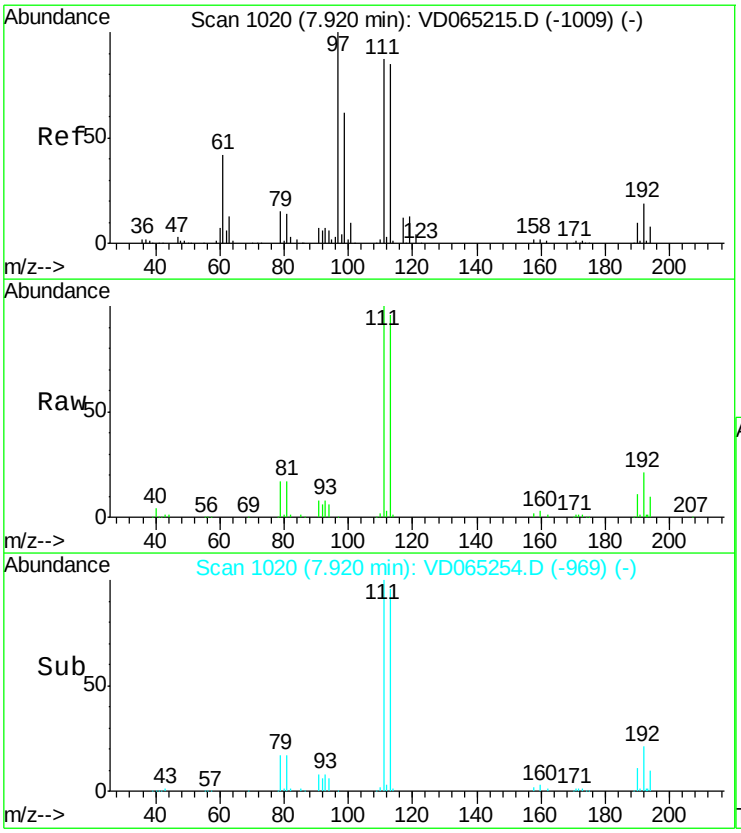
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument :
MSVOA_D
ClientSampleId :
SW-3

Tgt Ion:114 Resp: 1033803

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.4
88	15.0	0.0	30.4

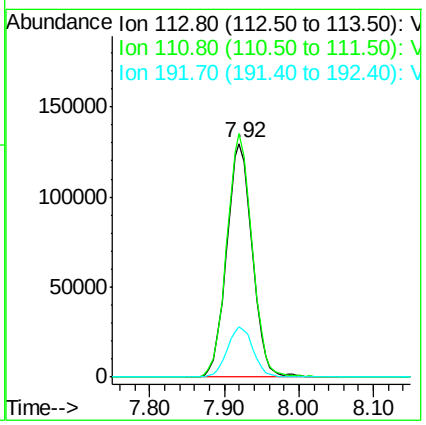


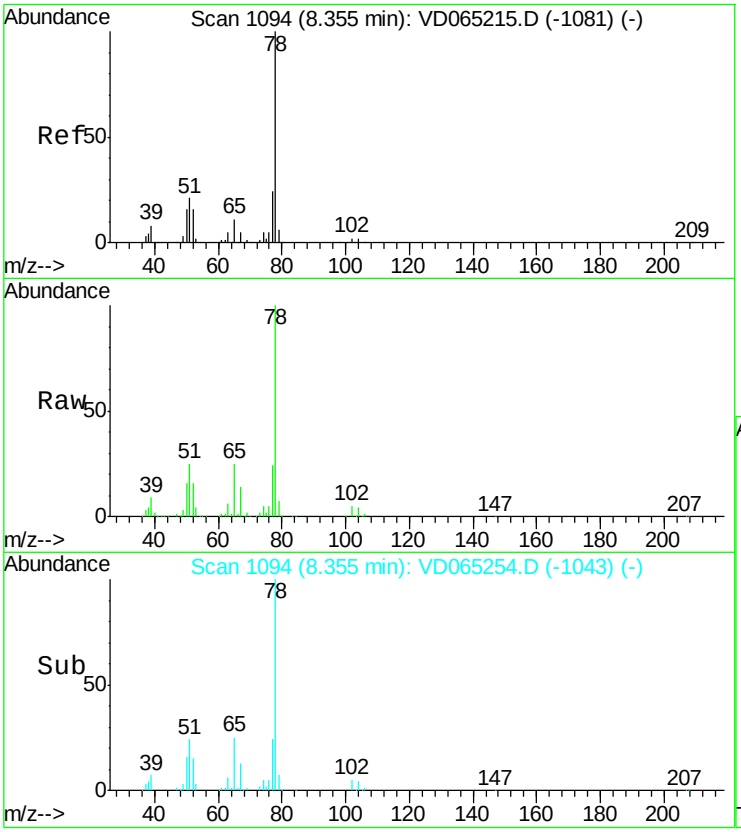


#35
Dibromofluoromethane
Concen: 49.162 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion:113 Resp: 309896

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	21.7	17.3	25.9



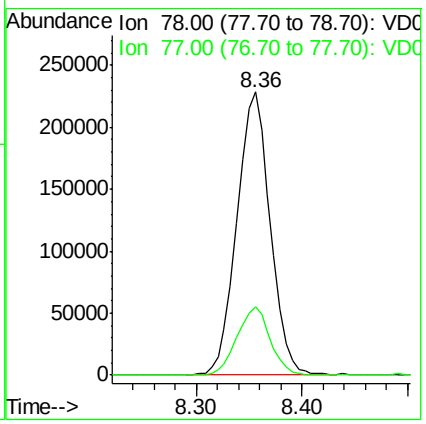


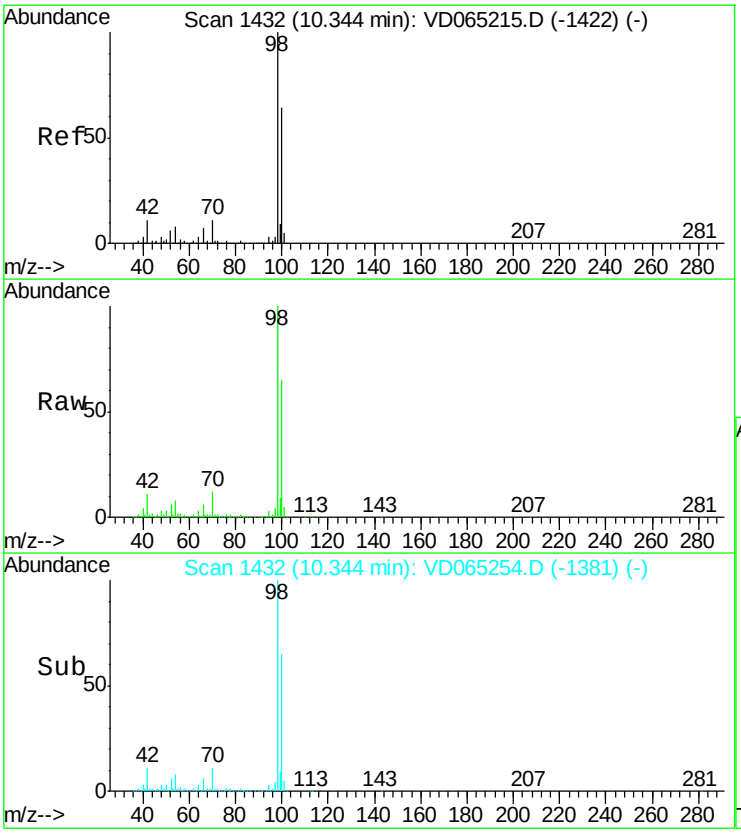
#40
Benzene
Concen: 17.624 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument :
MSVOA_D
ClientSampleId :
SW-3

Tgt Ion: 78 Resp: 500397

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6

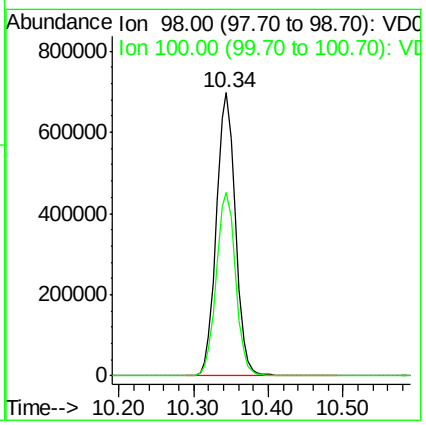


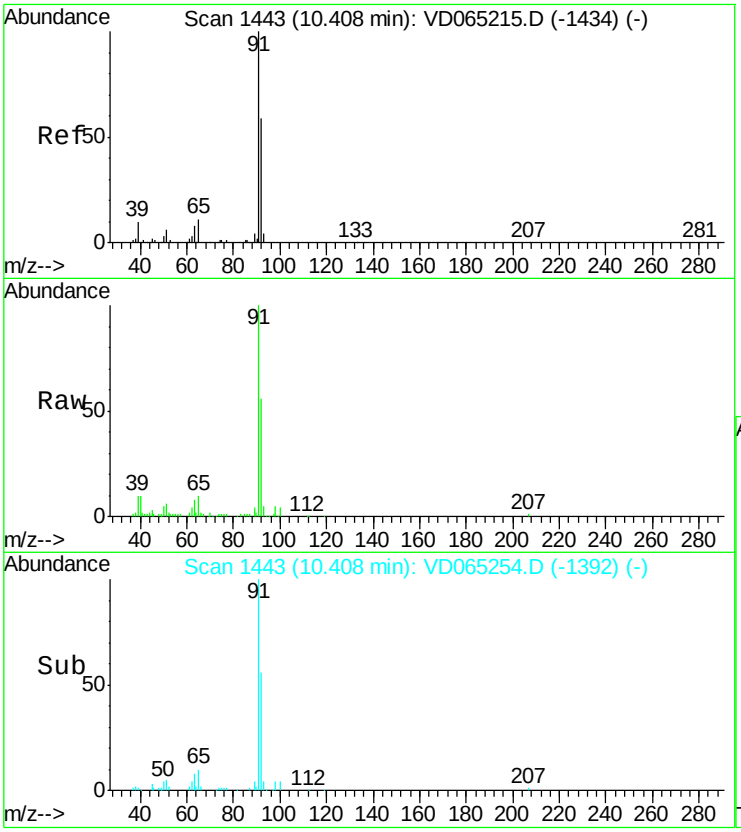


#50
Toluene-d8
Concen: 51.478 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion: 98 Resp: 1240502

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.0	78.0



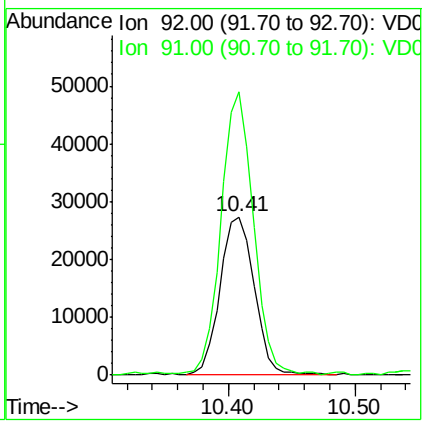


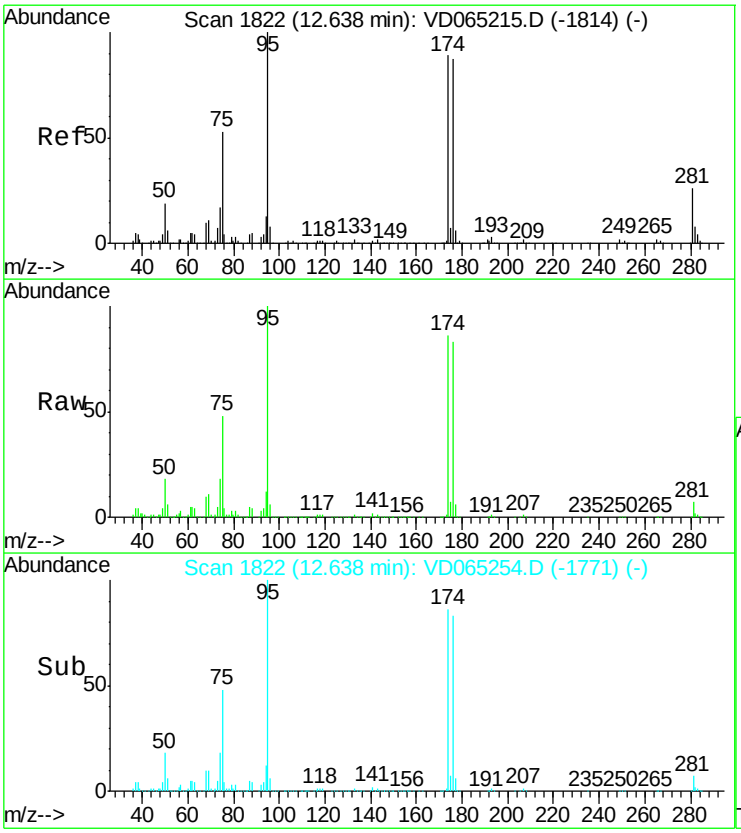
#52
Toluene
Concen: 2.928 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument : MSVOA_D
ClientSampleId : SW-3

Tgt Ion: 92 Resp: 51466

Ion	Ratio	Lower	Upper
92	100		
91	166.7	136.3	204.5

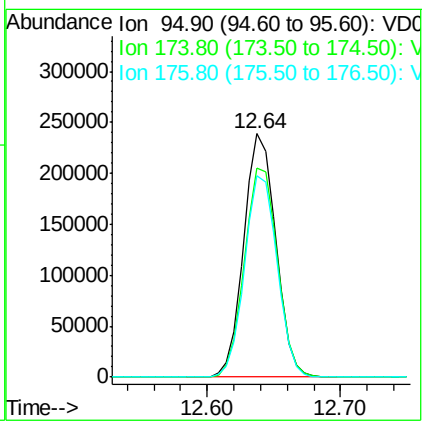


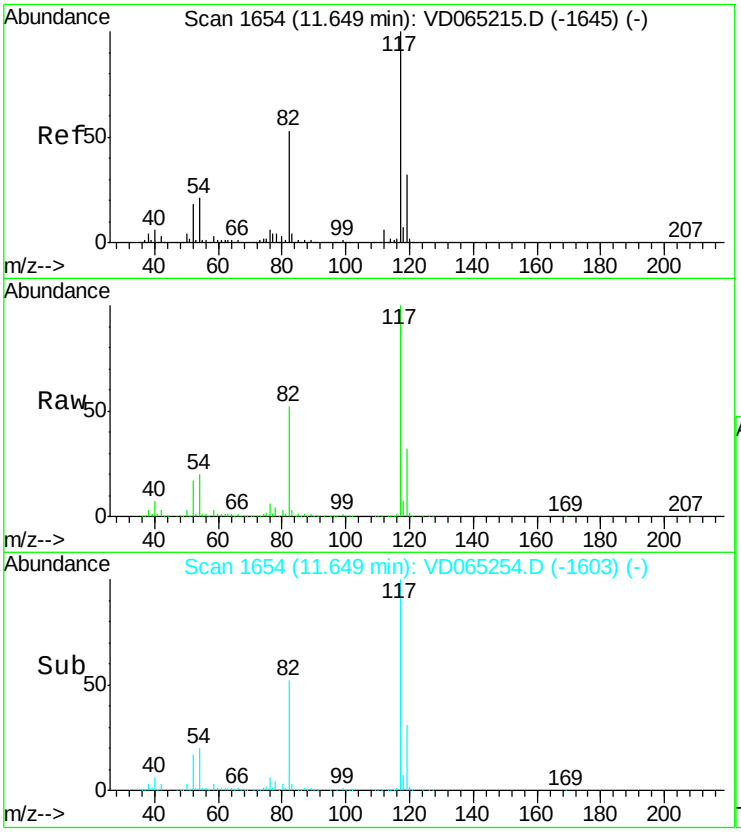


#62
4-Bromofluorobenzene
Concen: 51.603 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion: 95 Resp: 393934

Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	178.0
176	84.3	0.0	174.4



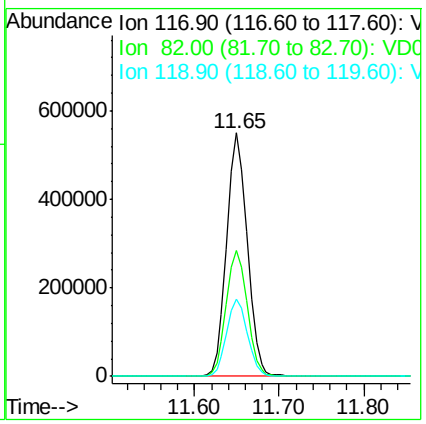


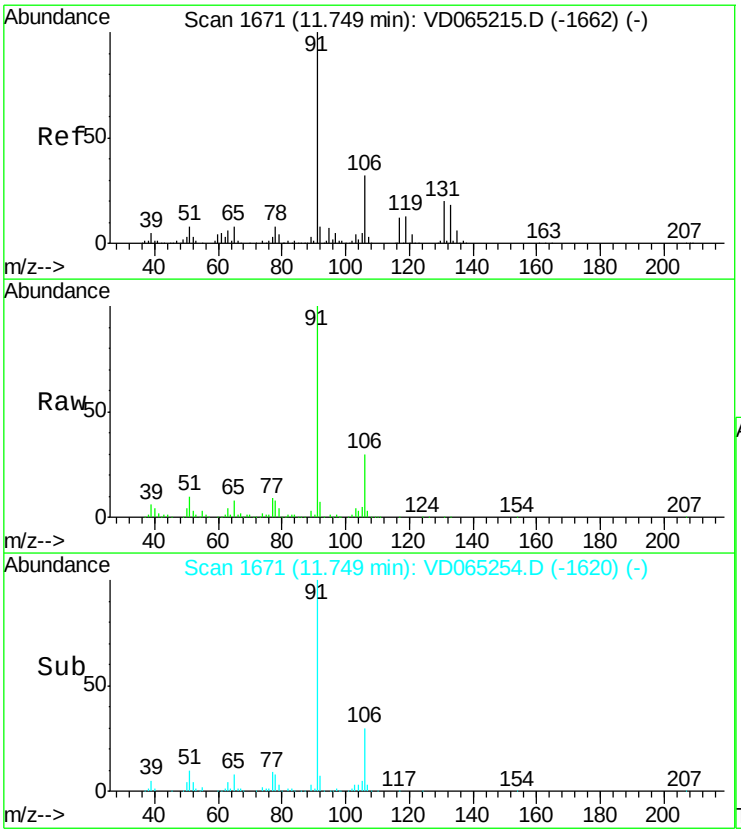
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument : MSVOA_D
ClientSampleId : SW-3

Tgt Ion:117 Resp: 921702

Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.7	64.1
119	31.5	25.5	38.3

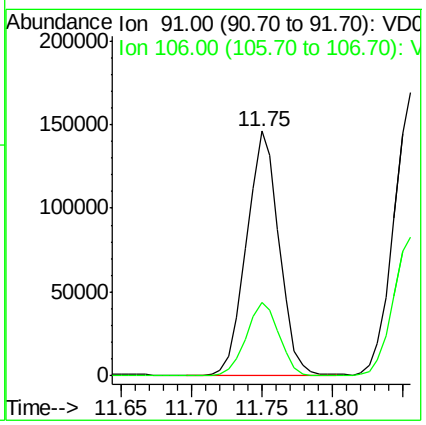


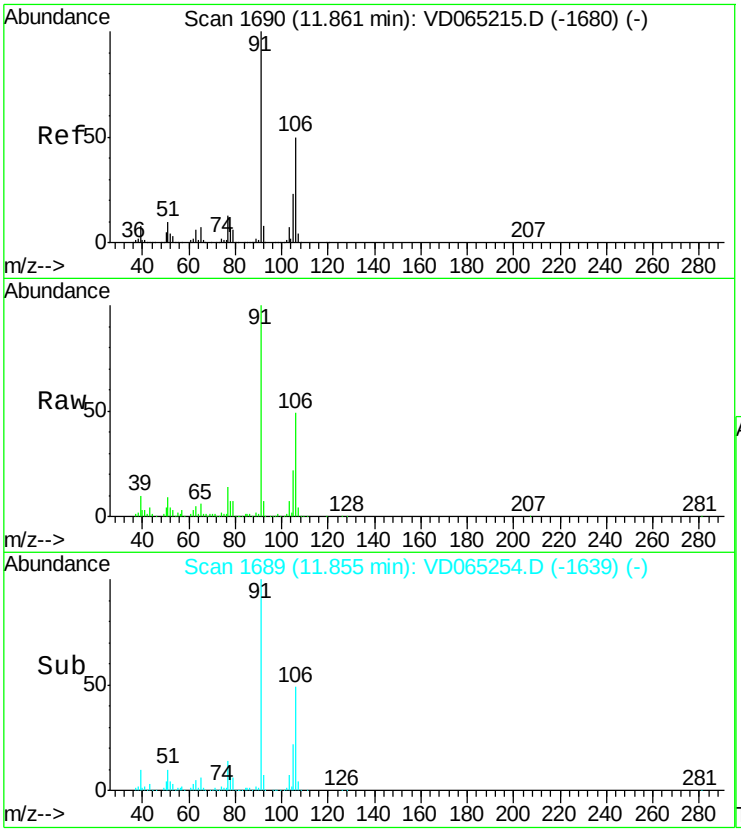


#67
Ethyl Benzene
Concen: 7.331 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion: 91 Resp: 237495

Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.2	37.8



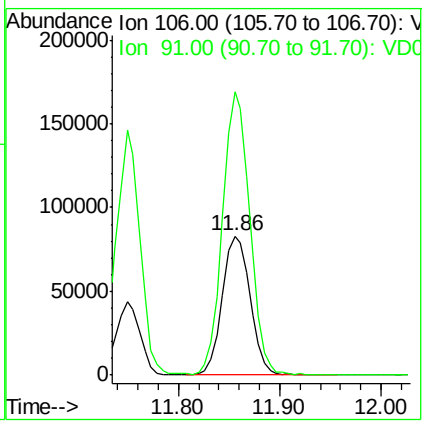


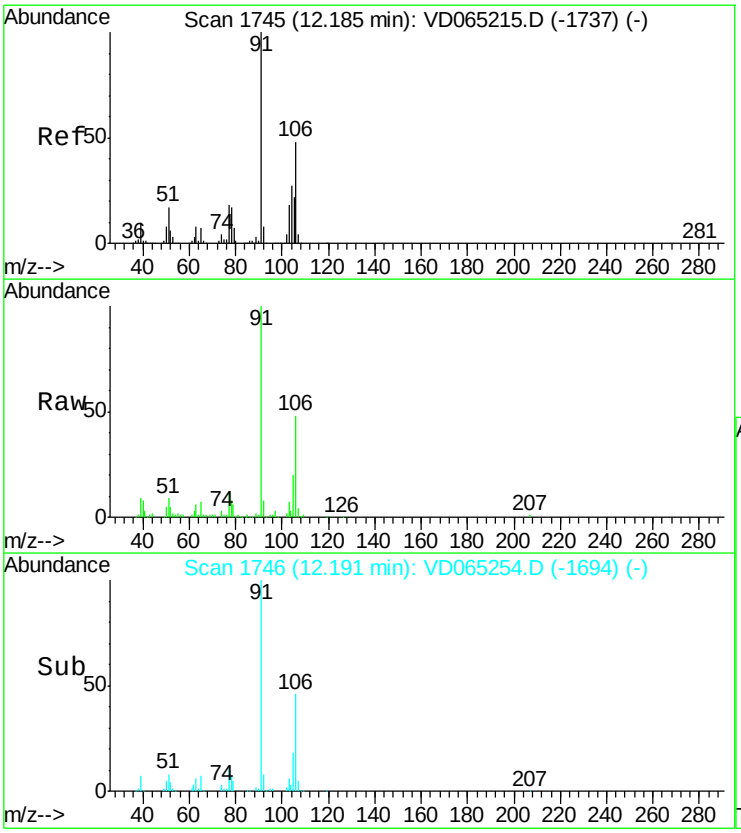
#68
m/p-Xylenes
Concen: 12.839 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument :
MSVOA_D
ClientSampleId :
SW-3

Tgt Ion:106 Resp: 159123

Ion	Ratio	Lower	Upper
106	100		
91	197.0	158.2	237.4

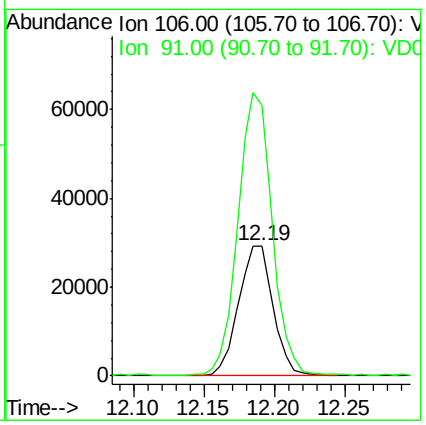


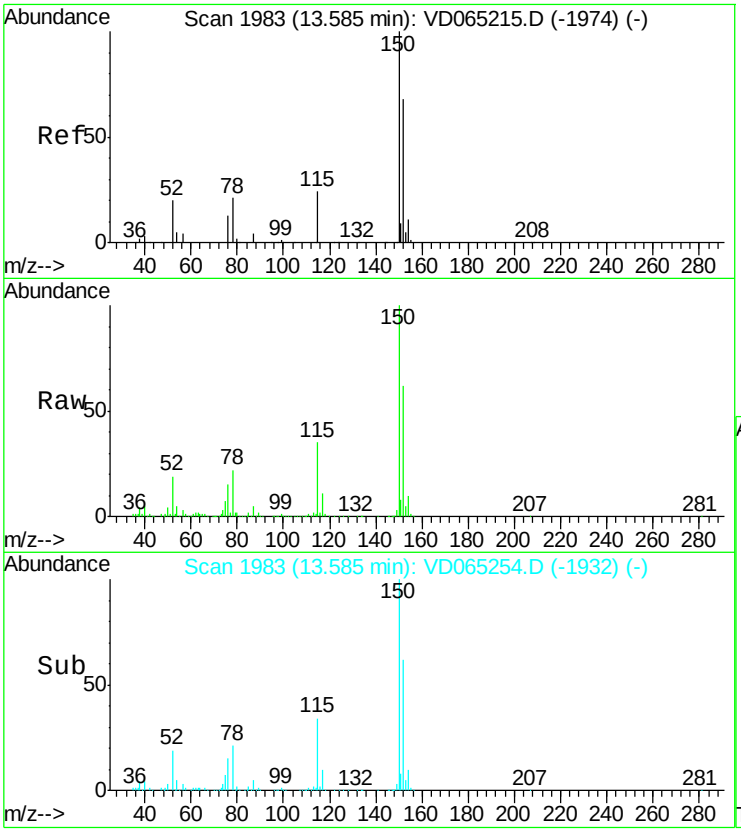


#69
o-Xylene
Concen: 4.583 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion:106 Resp: 50325

Ion	Ratio	Lower	Upper
106	100		
91	217.1	104.7	313.9



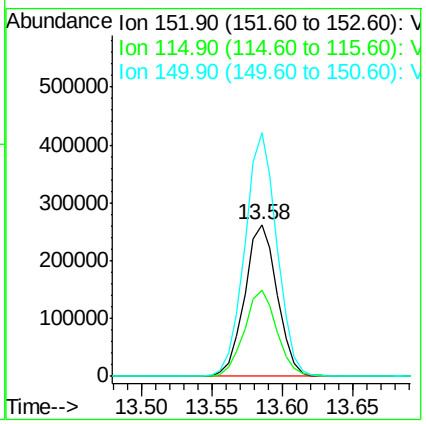


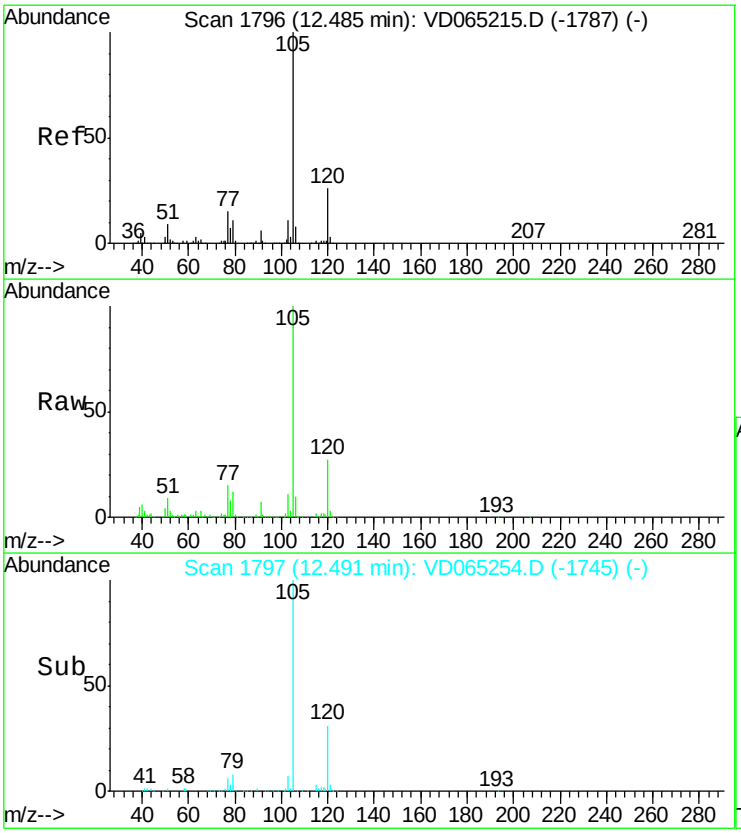
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument : MSVOA_D
ClientSampleId : SW-3

Tgt Ion:152 Resp: 424132

Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.6	82.8
150	158.1	0.0	347.4

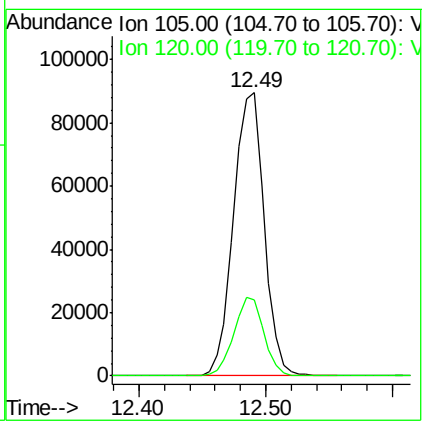


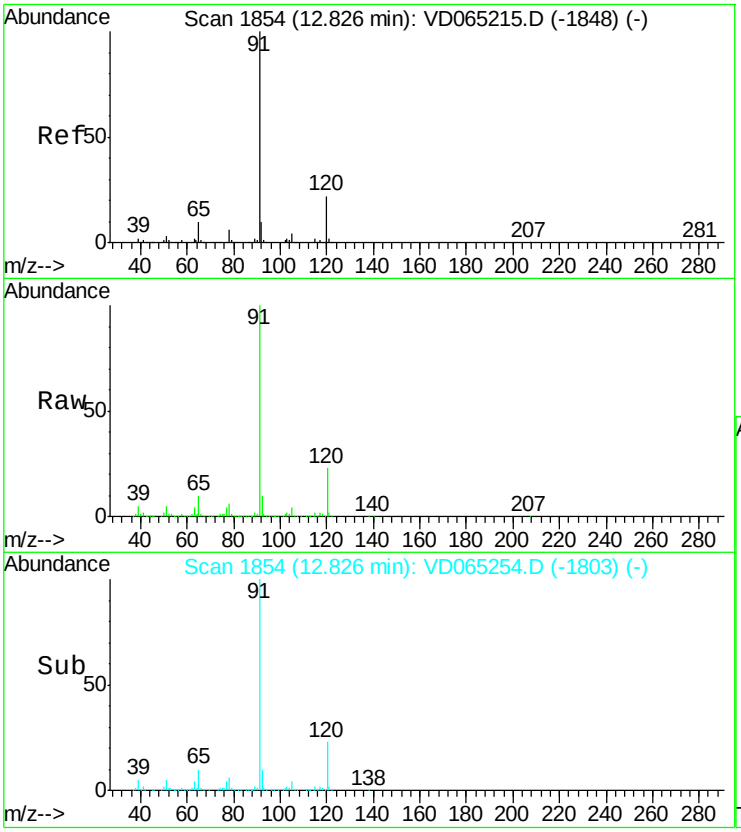


#73
Isopropylbenzene
Concen: 5.335 ug/l
RT: 12.49 min Scan# 1797
Delta R.T. 0.01 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion:105 Resp: 149806

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.3	39.9



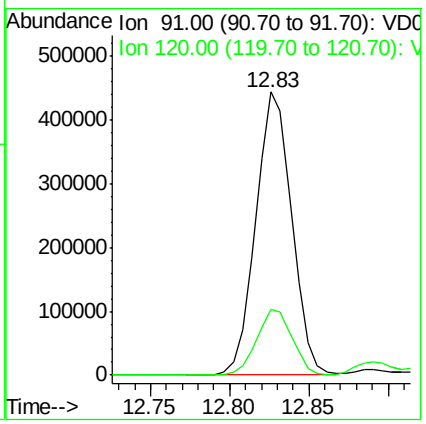


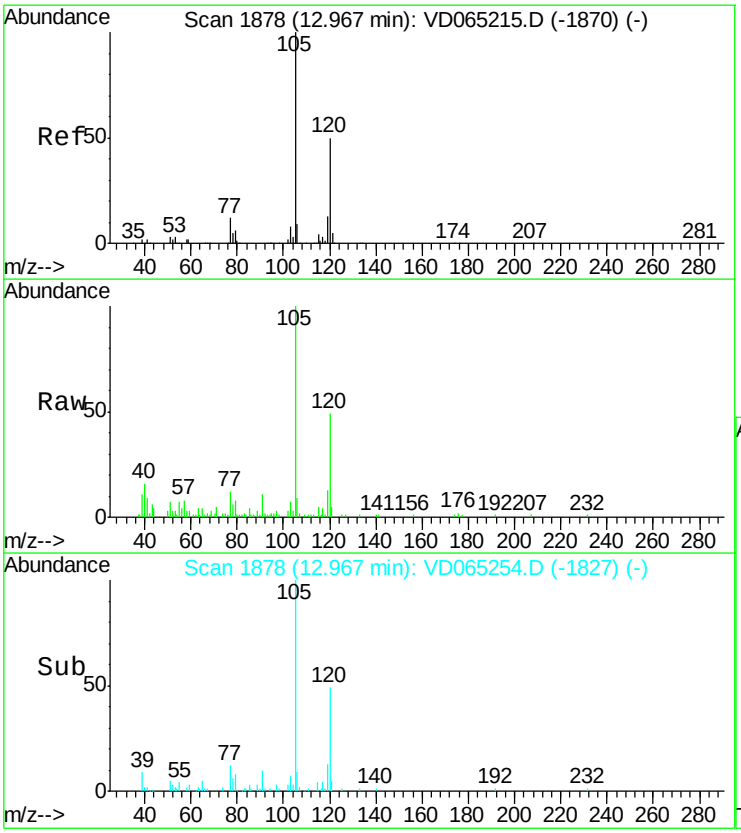
#78
n-propylbenzene
Concen: 20.831 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument : MSVOA_D
ClientSampleId : SW-3

Tgt Ion: 91 Resp: 702919

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.5

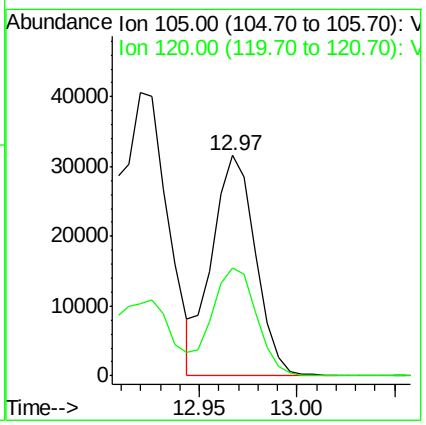


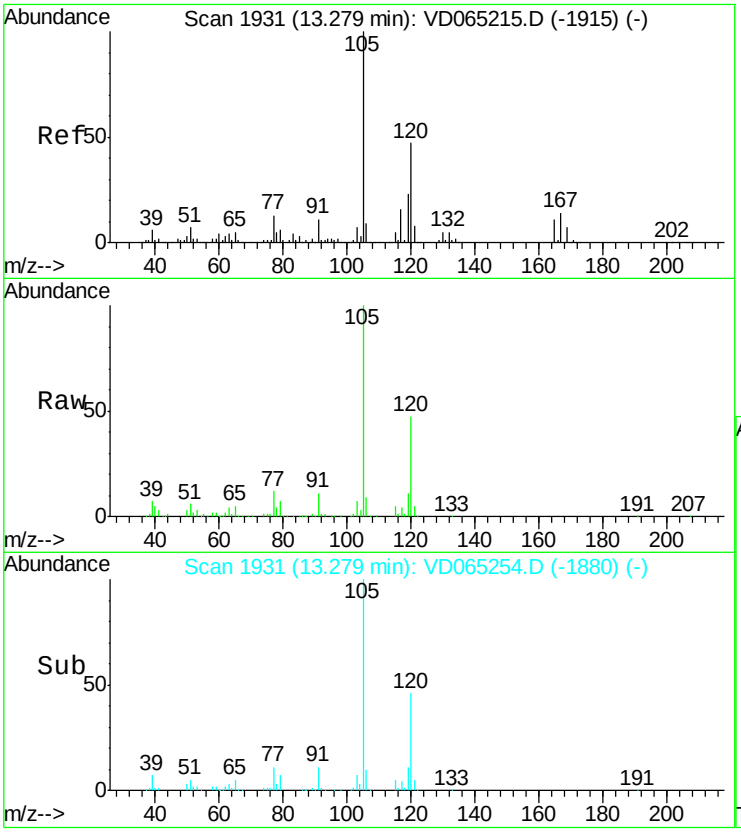


#80
1,3,5-Trimethylbenzene
Concen: 2.115 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion:105 Resp: 48911

Ion	Ratio	Lower	Upper
105	100		
120	50.3	25.4	76.4



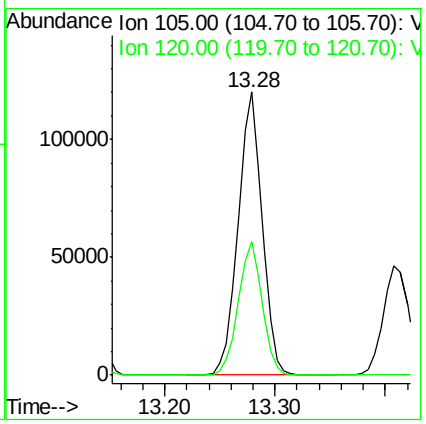


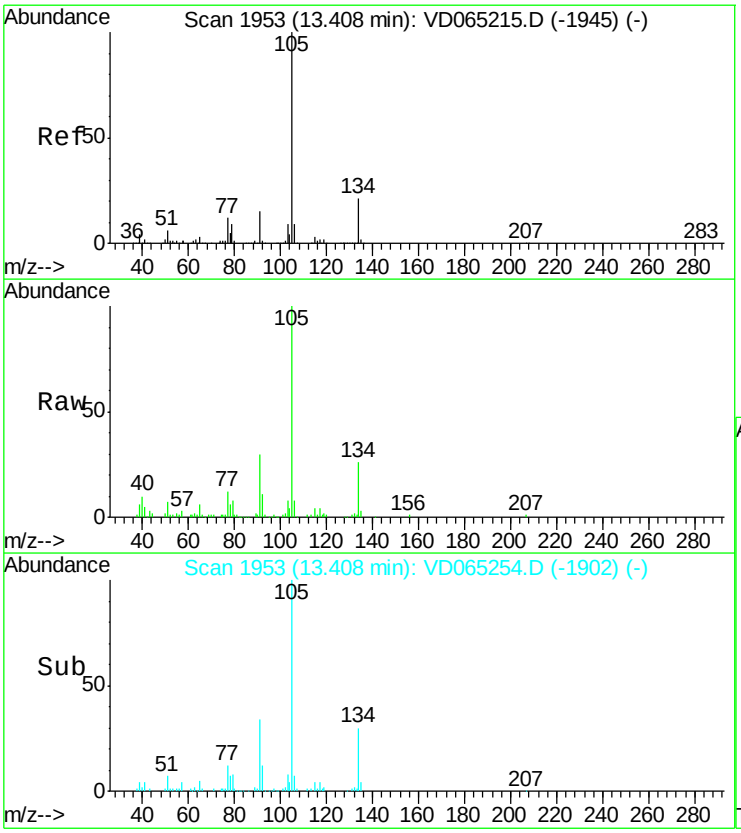
#84
1,2,4-Trimethylbenzene
Concen: 7.993 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument :
MSVOA_D
ClientSampleId :
SW-3

Tgt Ion:105 Resp: 185018

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.3	69.9

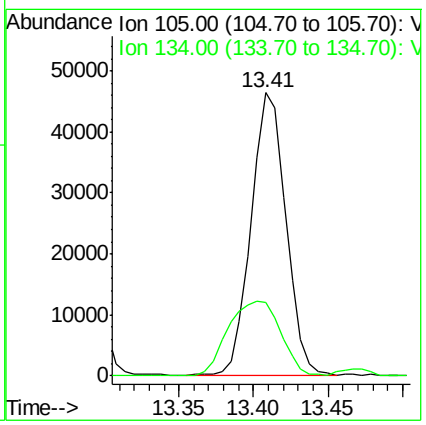


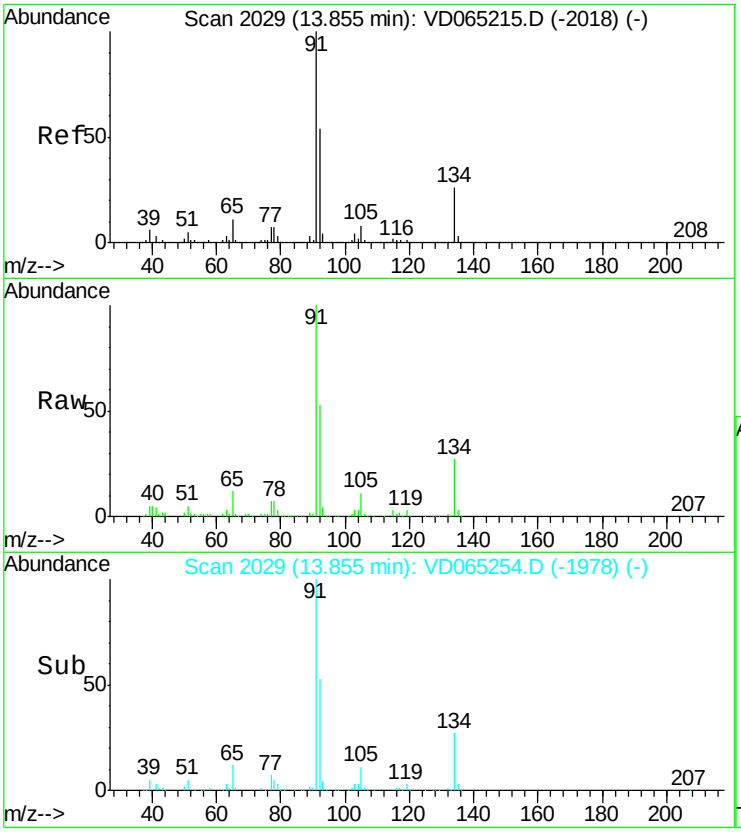


#85
sec-Butylbenzene
Concen: 2.681 ug/l
RT: 13.41 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion:105 Resp: 74888

Ion	Ratio	Lower	Upper
105	100		
134	40.2	10.3	30.9#



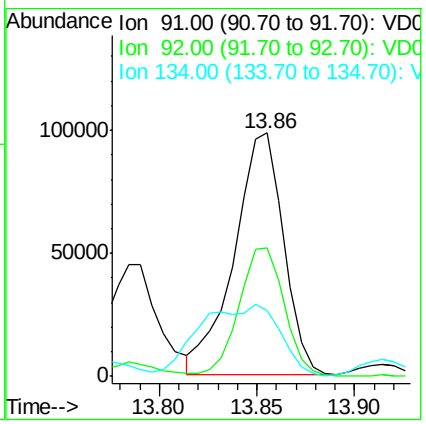


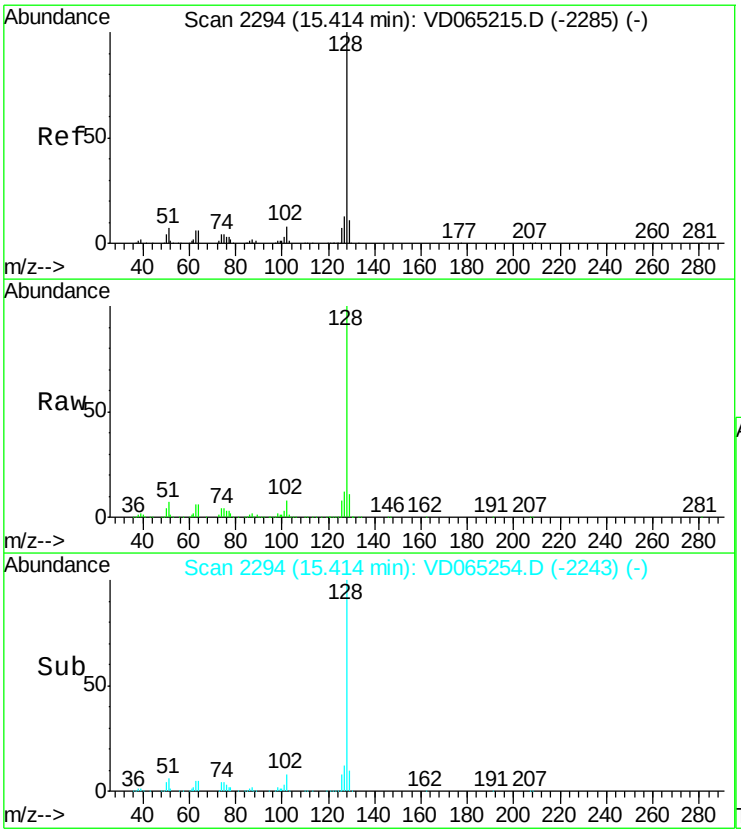
#89
n-Butylbenzene
Concen: 7.349 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Instrument : MSVOA_D
ClientSampleId : SW-3

Tgt Ion: 91 Resp: 172978

Ion	Ratio	Lower	Upper
91	100		
92	48.7	27.0	80.8
134	47.4	13.5	40.4#





#95
Naphthalene
Concen: 73.374 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065254.D
Acq: 20 Feb 2020 14:03

Tgt Ion:128 Resp: 903058

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.2	8.8	13.2