Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101920\
Data File : VD067309.D
Acq On : 19 Oct 2020 15:29
Operator : VA/SY
Sample : L4434-02
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16757-S

Quant Time: Oct 20 01:48:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.99	168	308122	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	518729	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	400502	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	126784	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	162262	52.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.12%				
35) Dibromofluoromethane	7.92	113	168294	48.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.50%				
50) Toluene-d8	10.34	98	554793	44.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.82%				
62) 4-Bromofluorobenzene	12.64	95	150188	34.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 69.14%				
Target Compounds							Qvalue
16) Acetone	4.16	43	109003	252.133	ug/l		100
17) Carbon Disulfide	4.41	76	34940	4.820	ug/l		98
25) 2-Butanone	7.21	43	28557	57.948	ug/l		94
39) Methylcyclohexane	9.36	83	118184	25.713	ug/l		98
40) Benzene	8.36	78	509930	42.277	ug/l		97
51) 4-Methyl-2-Pentanone	10.23	43	132745	103.690	ug/l		98
52) Toluene	10.41	92	991869	120.737	ug/l		98
67) Ethyl Benzene	11.75	91	658092	49.988	ug/l		98
68) m/p-Xylenes	11.86	106	1201235	236.945	ug/l		98
69) o-Xylene	12.18	106	732763	156.088	ug/l		97
73) Isopropylbenzene	12.48	105	57490	7.145	ug/l		98
78) n-propylbenzene	12.83	91	76569	8.213	ug/l		99
80) 1,3,5-Trimethylbenzene	12.97	105	146206	20.909	ug/l		97
84) 1,2,4-Trimethylbenzene	13.27	105	326884	47.298	ug/l		100
85) sec-Butylbenzene	13.40	105	12461	1.538	ug/l	#	58
86) p-Isopropyltoluene	13.52	119	13944	1.823	ug/l		88
89) n-Butylbenzene	13.84	91	10031	1.491	ug/l	#	64
95) Naphthalene	15.41	128	918907	246.095	ug/l		98

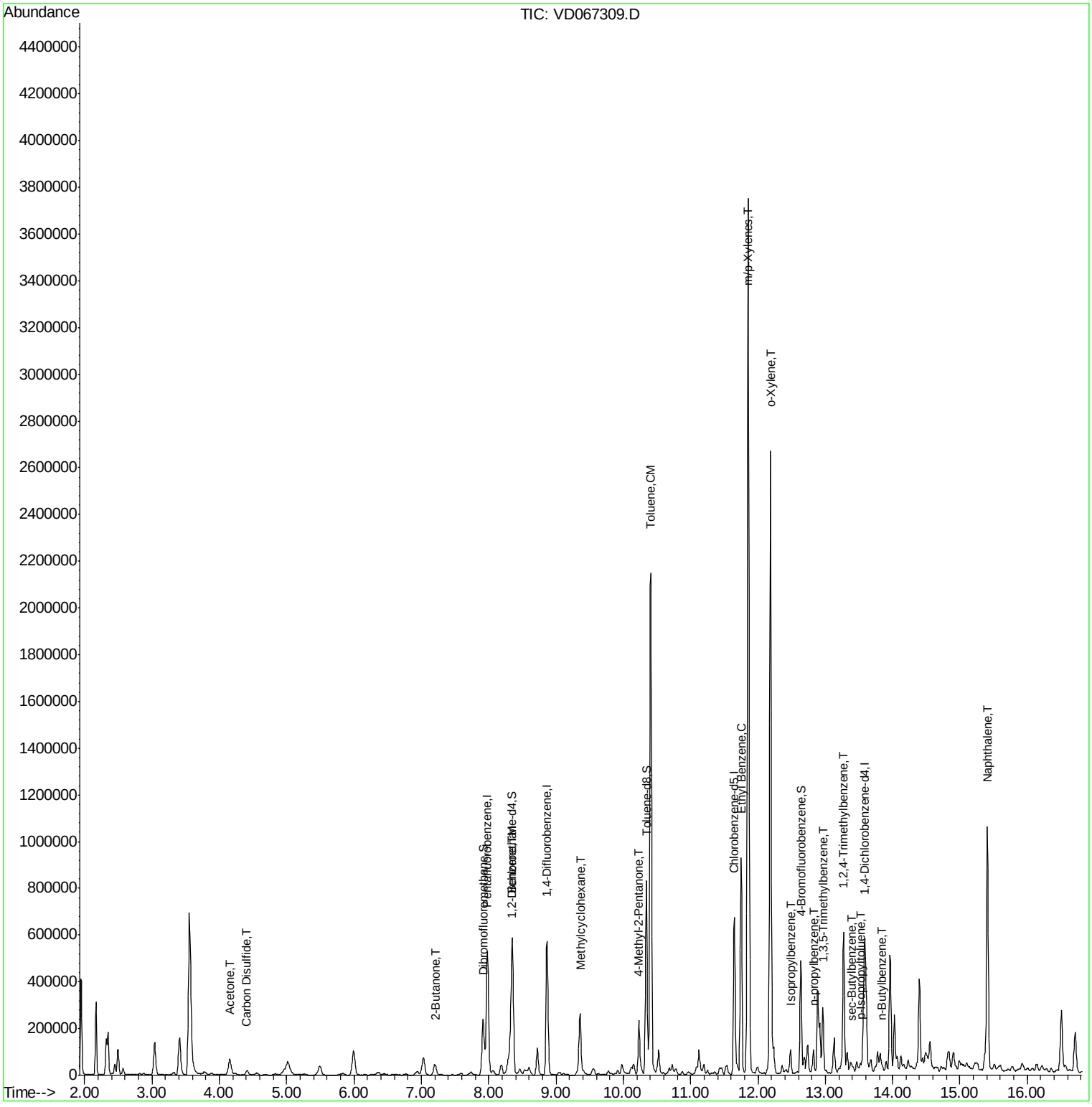
(#) = qualifier out of range (m) = manual integration (+) = signals summed

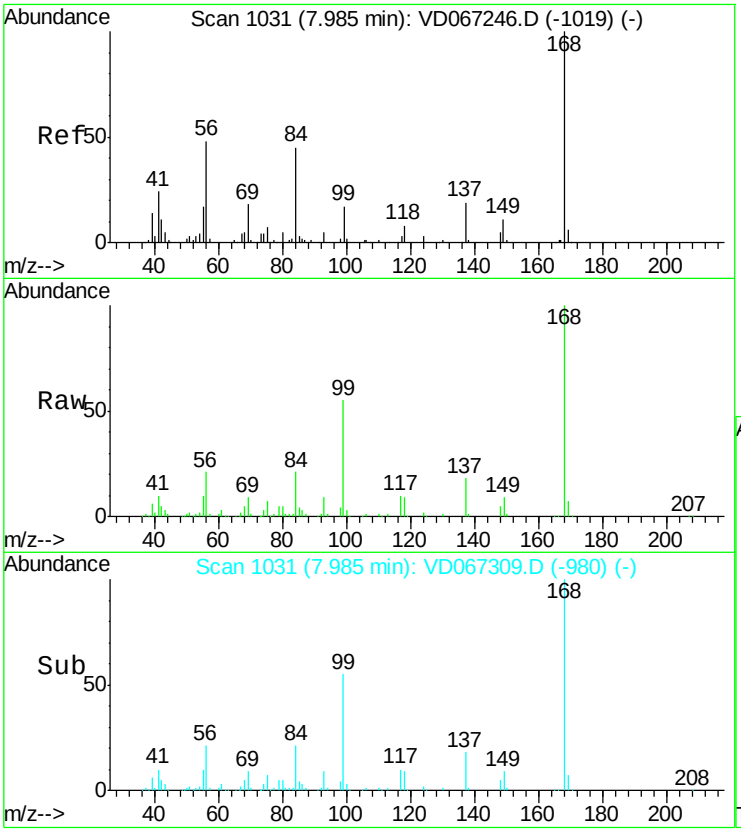
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101920\
Data File : VD067309.D
Acq On : 19 Oct 2020 15:29
Operator : VA/SY
Sample : L4434-02
Misc : 5.06G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
16757-S

Quant Time: Oct 20 01:48:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration



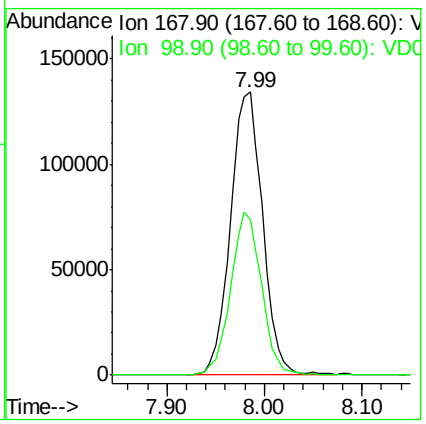


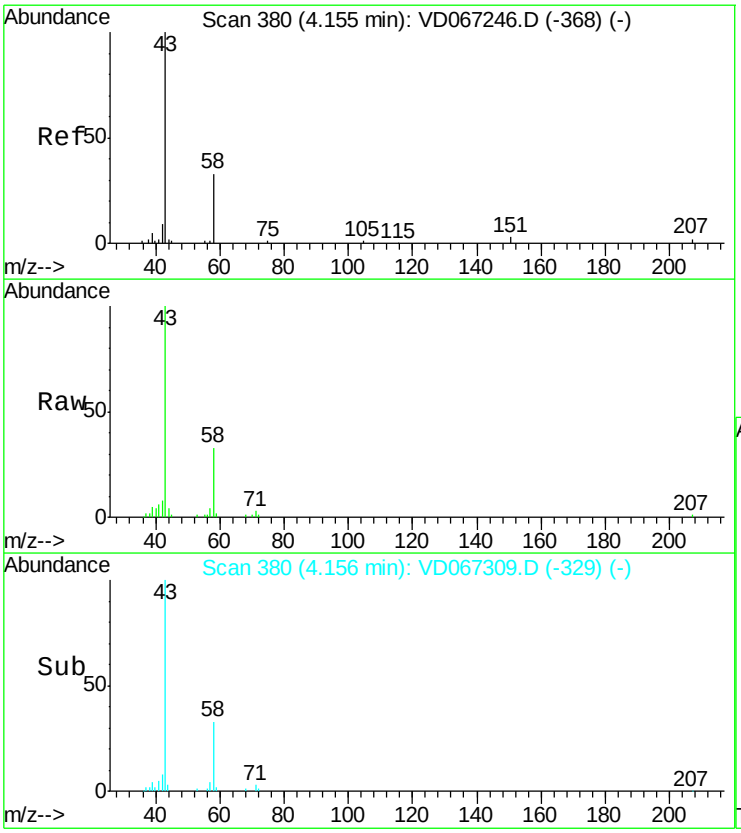
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
16757-S

Tgt Ion:168 Resp: 308122

Ion	Ratio	Lower	Upper
168	100		
99	54.8	45.9	68.9

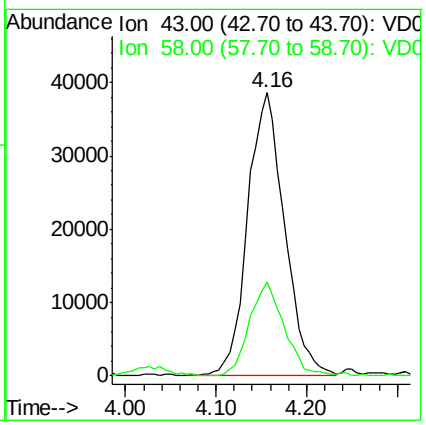


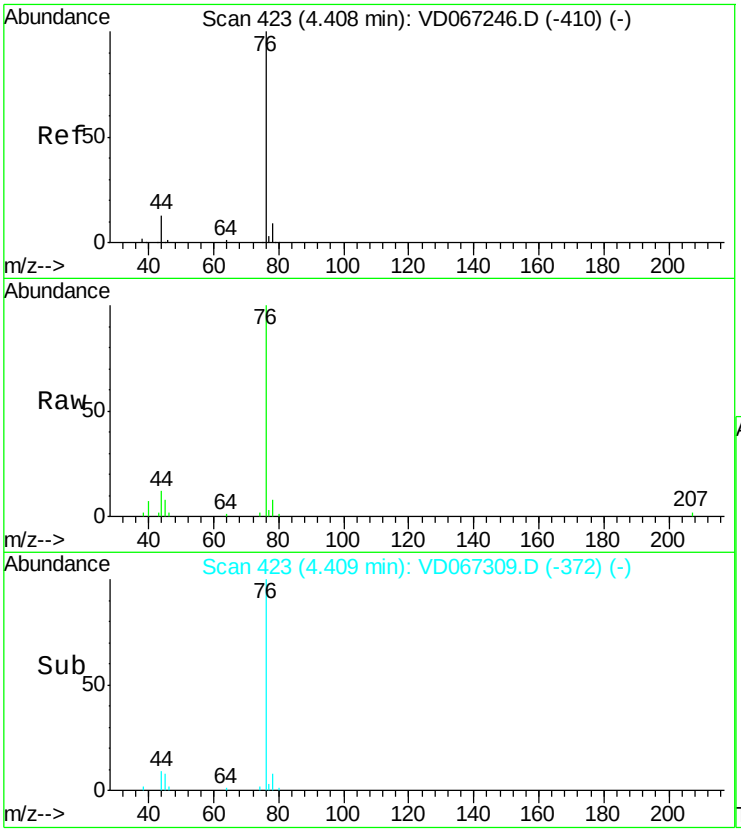


#16
Acetone
Concen: 252.133 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Tgt Ion: 43 Resp: 109003

Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.1	39.1



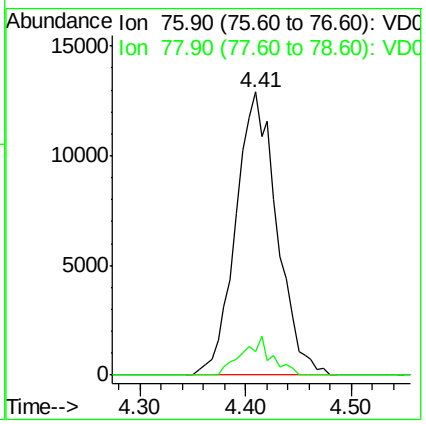


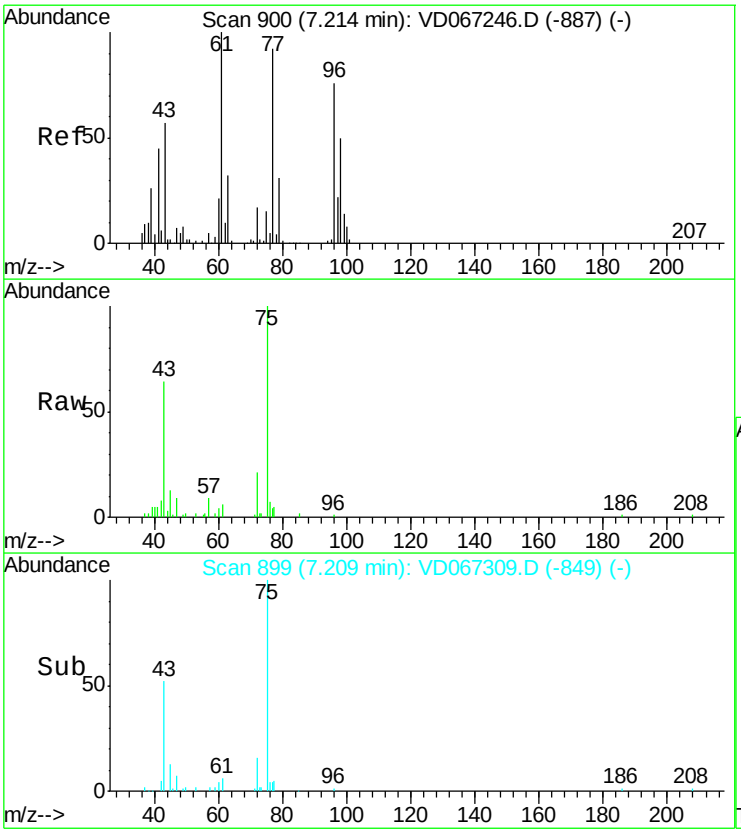
#17
Carbon Disulfide
Concen: 4.820 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
16757-S

Tgt Ion: 76 Resp: 34940

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.0

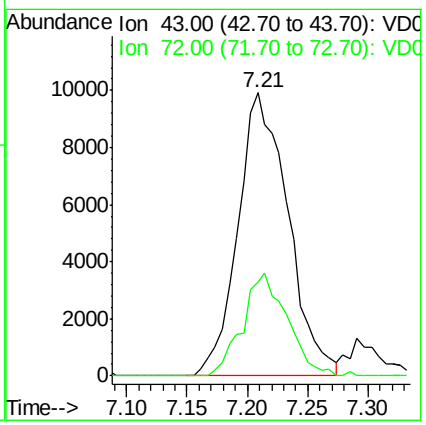


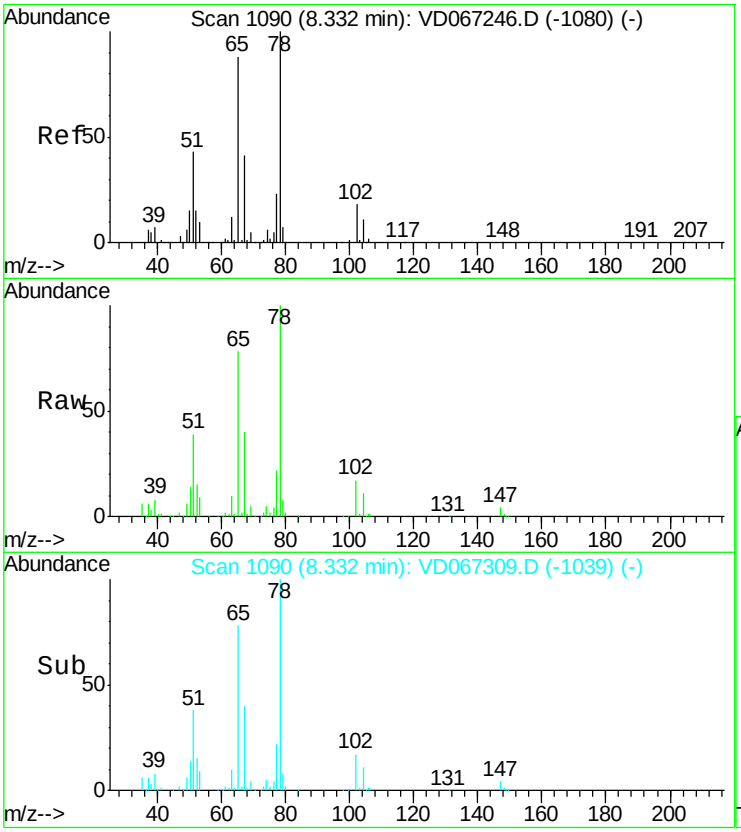


#25
2-Butanone
Concen: 57.948 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Tgt Ion: 43 Resp: 28557

Ion	Ratio	Lower	Upper
43	100		
72	33.1	23.7	35.5



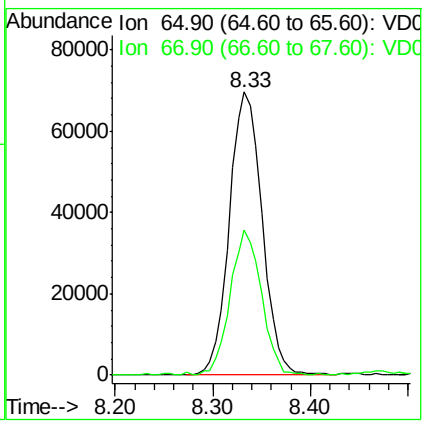


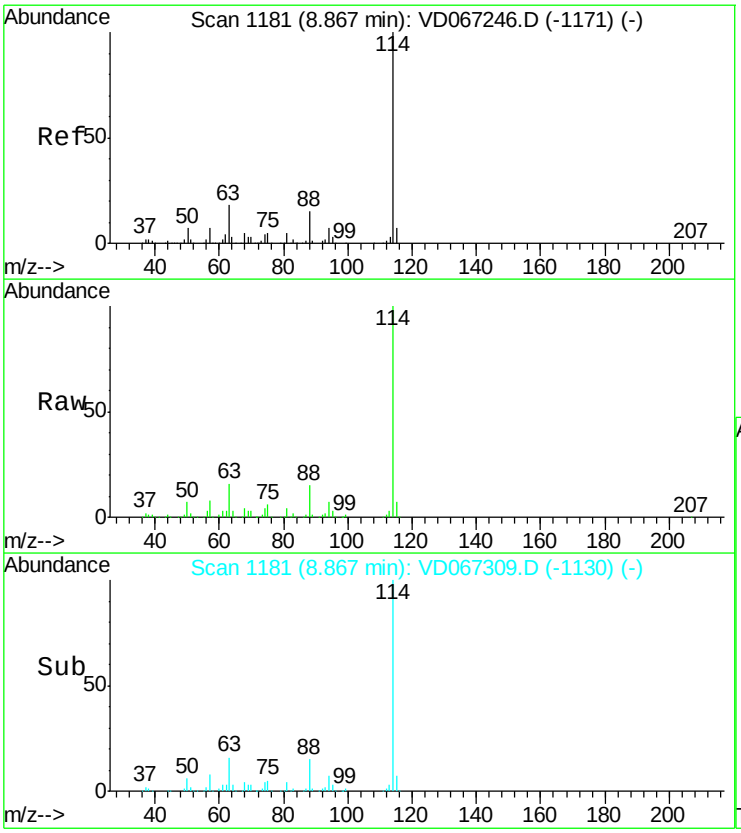
#33
1,2-Dichloroethane-d4
Concen: 52.564 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Instrument : MSVOA_D
ClientSampleId : 16757-S

Tgt Ion: 65 Resp: 162262

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	103.8

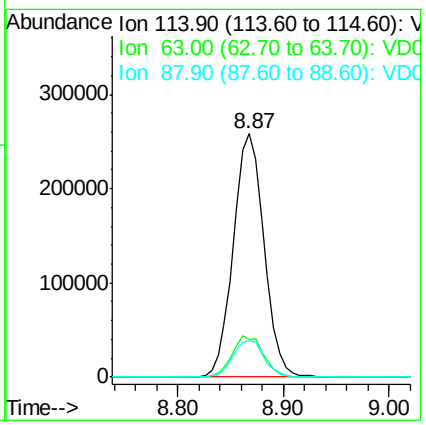


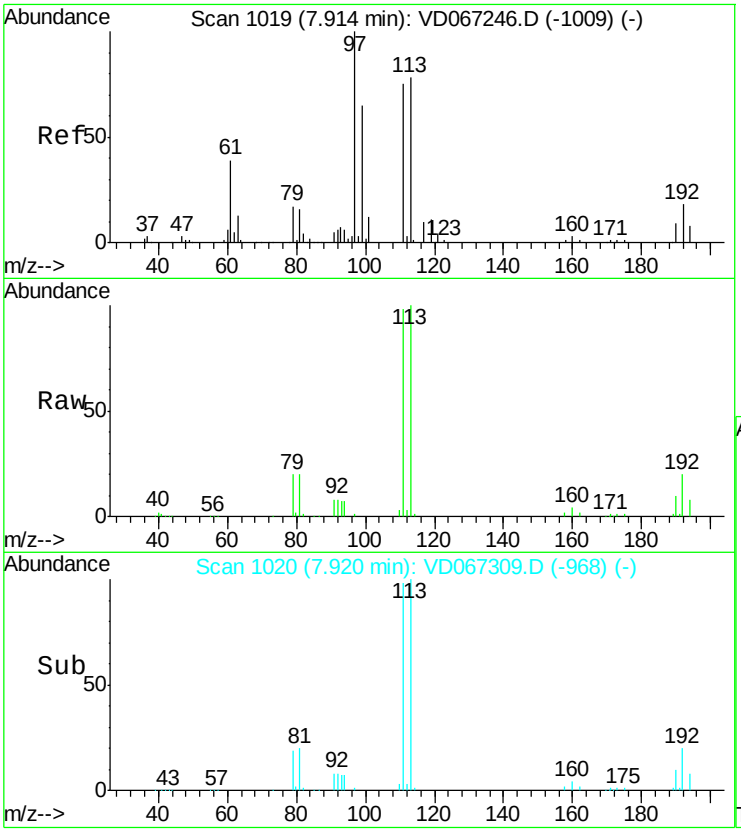


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Tgt Ion:114 Resp: 518729

Ion	Ratio	Lower	Upper
114	100		
63	15.5	0.0	35.0
88	14.8	0.0	30.6



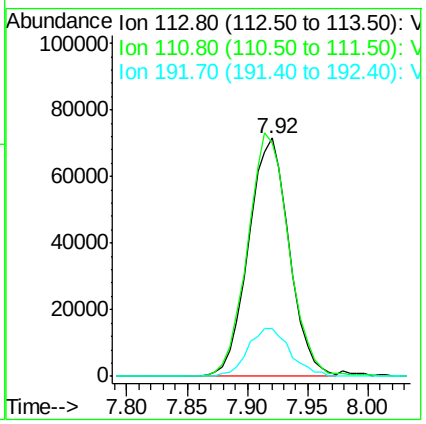


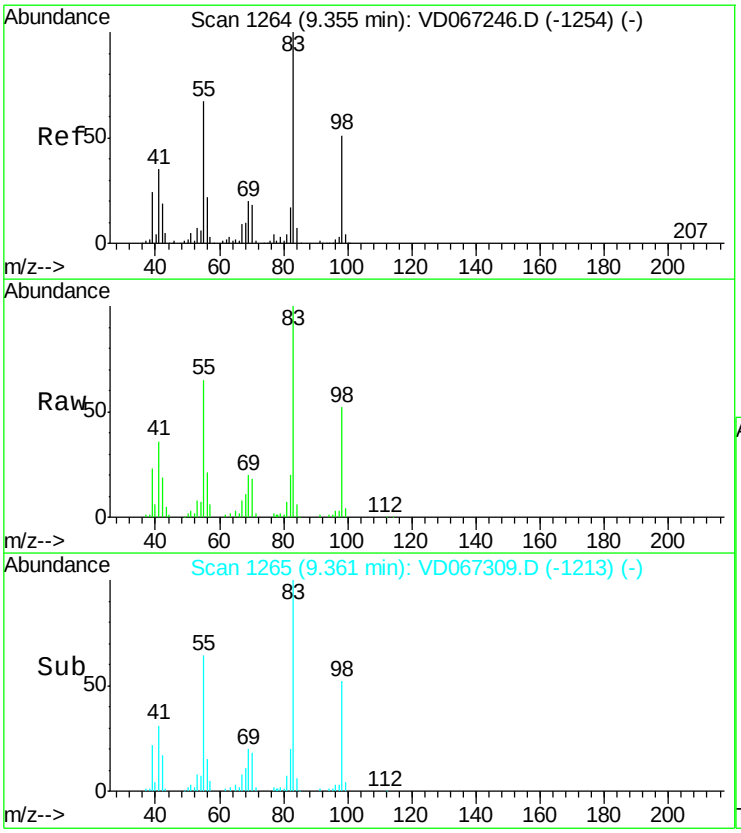
#35
Dibromofluoromethane
Concen: 48.751 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
16757-S

Tgt Ion:113 Resp: 168294

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.6	122.4
192	21.1	17.0	25.4

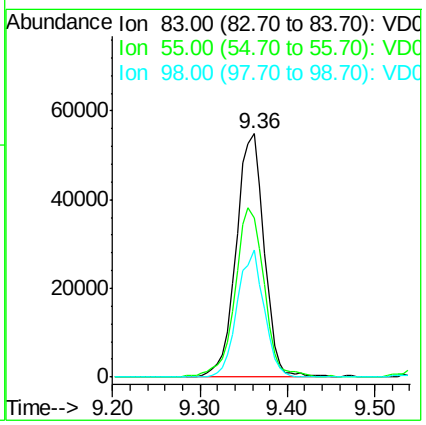


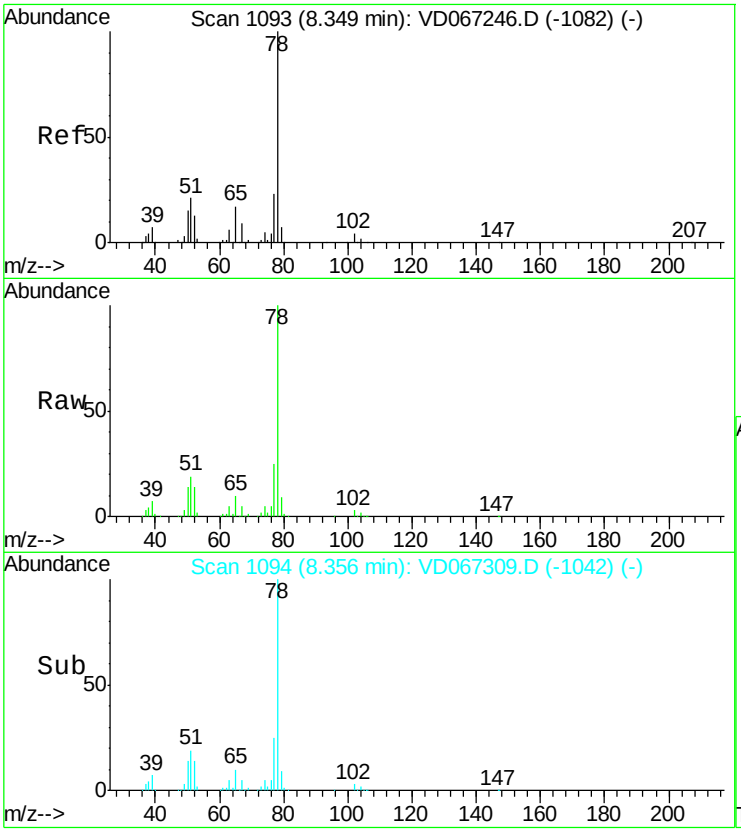


#39
Methylcyclohexane
Concen: 25.713 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Tgt Ion: 83 Resp: 118184

Ion	Ratio	Lower	Upper
83	100		
55	64.9	53.3	79.9
98	52.3	41.0	61.4



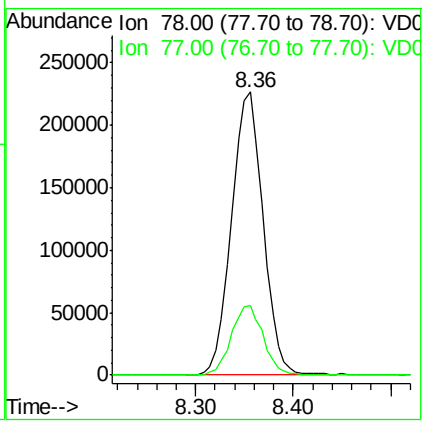


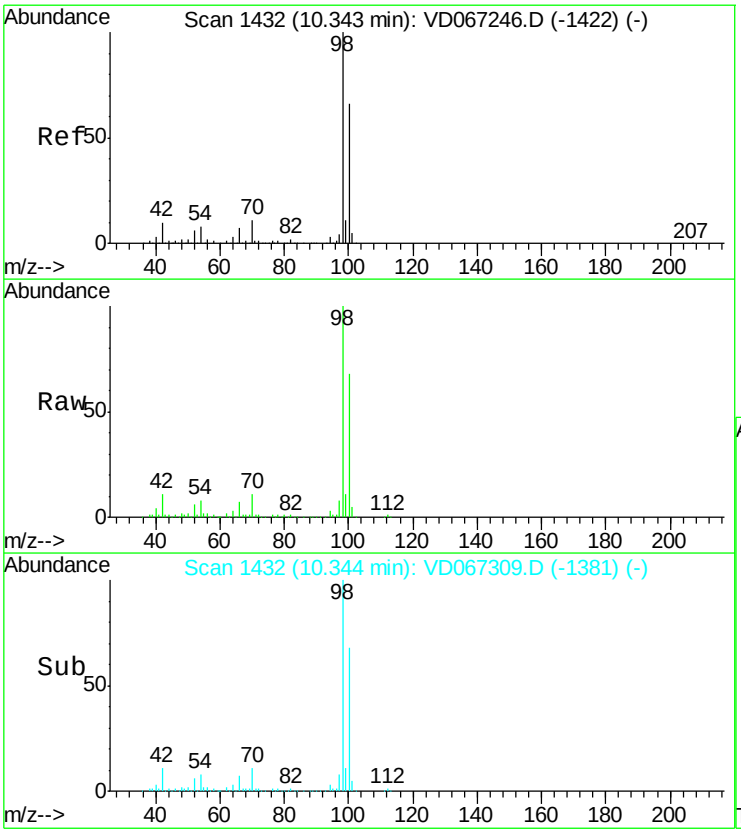
#40
Benzene
Concen: 42.277 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
16757-S

Tgt Ion: 78 Resp: 509930

Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.3	27.5

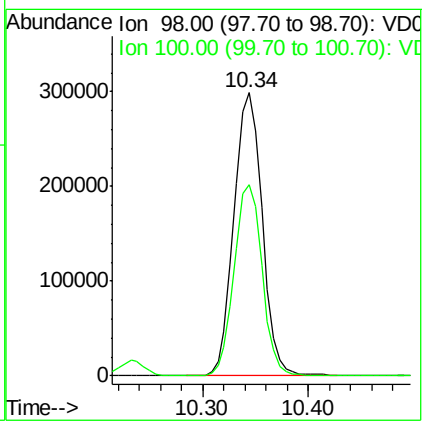


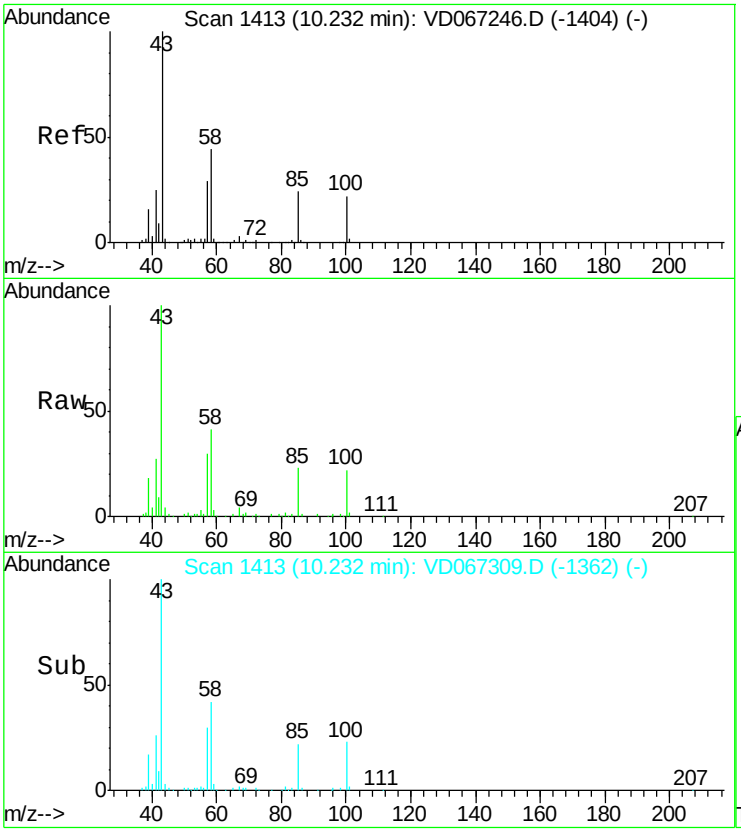


#50
Toluene-d8
Concen: 44.408 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Tgt Ion: 98 Resp: 554793

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.1	79.7



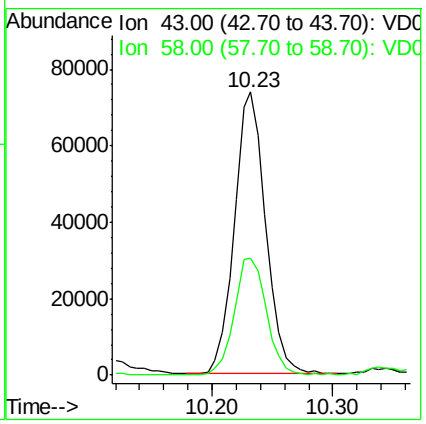


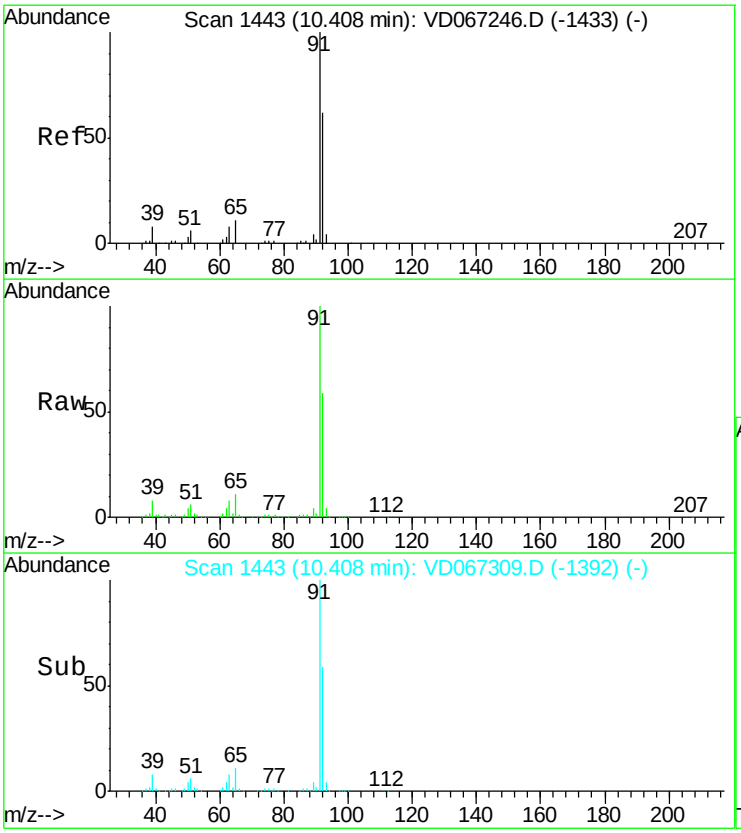
#51
4-Methyl-2-Pentanone
Concen: 103.690 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Instrument : MSVOA_D
ClientSampleId : 16757-S

Tgt Ion: 43 Resp: 132745

Ion	Ratio	Lower	Upper
43	100		
58	43.1	35.7	53.5

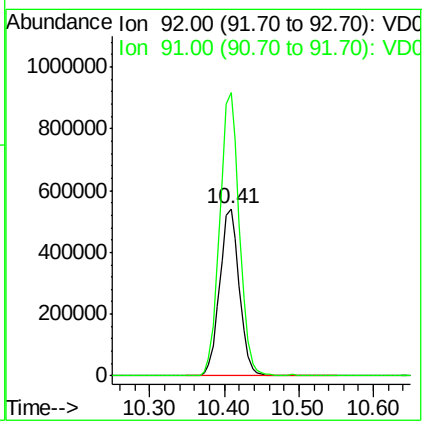


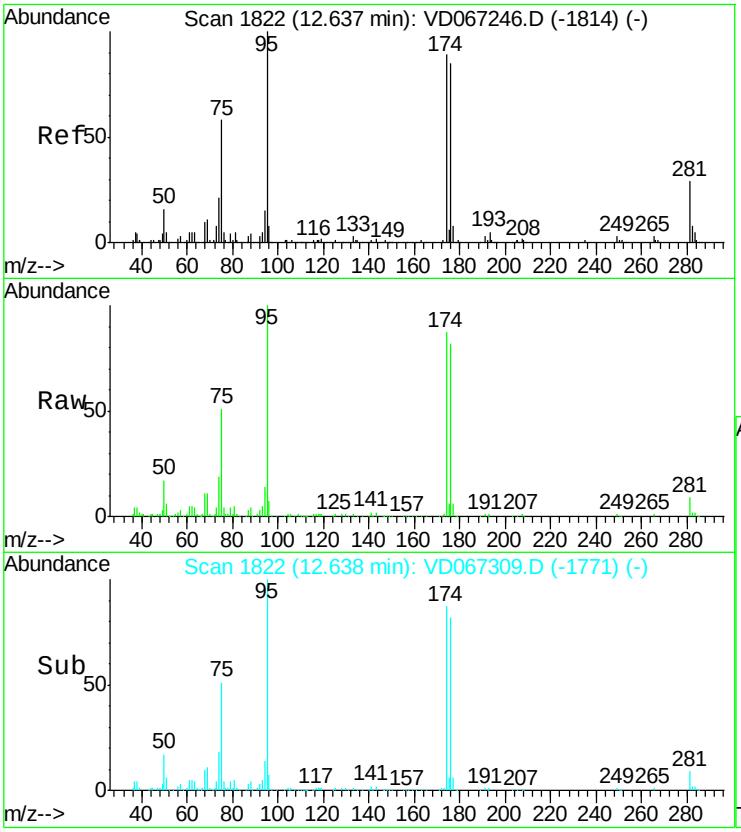


#52
Toluene
Concen: 120.737 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Tgt Ion: 92 Resp: 991869

Ion	Ratio	Lower	Upper
92	100		
91	169.7	133.8	200.8



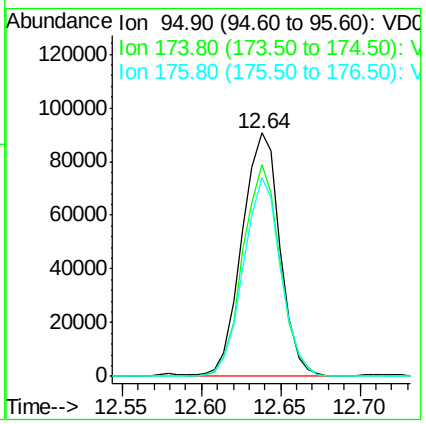


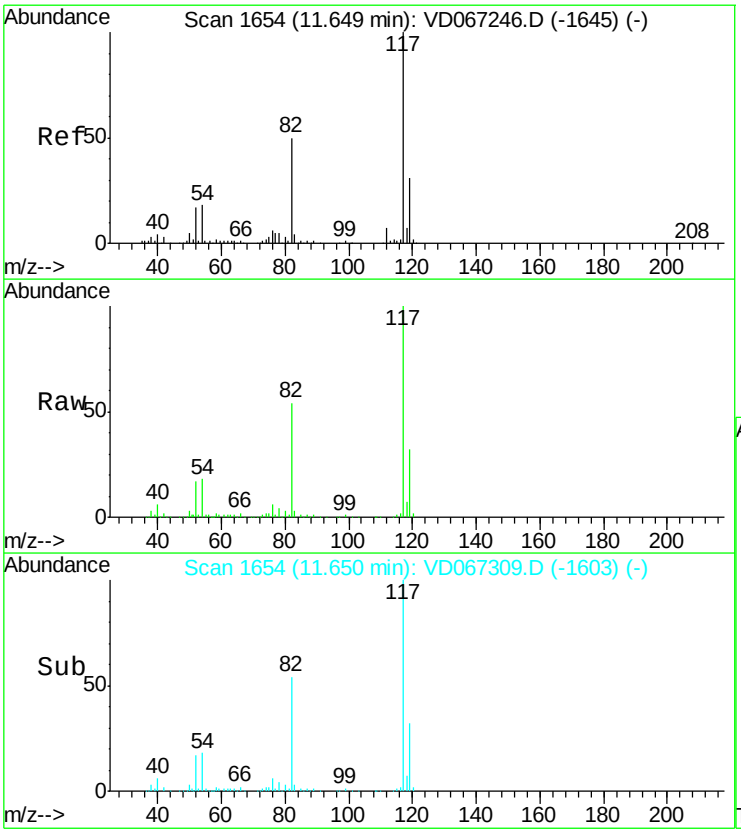
#62
4-Bromofluorobenzene
Concen: 34.573 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
16757-S

Tgt Ion: 95 Resp: 150188

Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	175.2
176	80.9	0.0	168.6

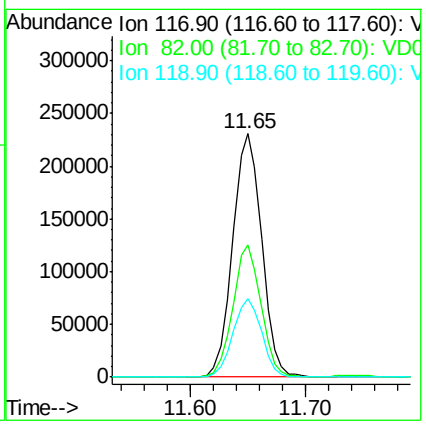


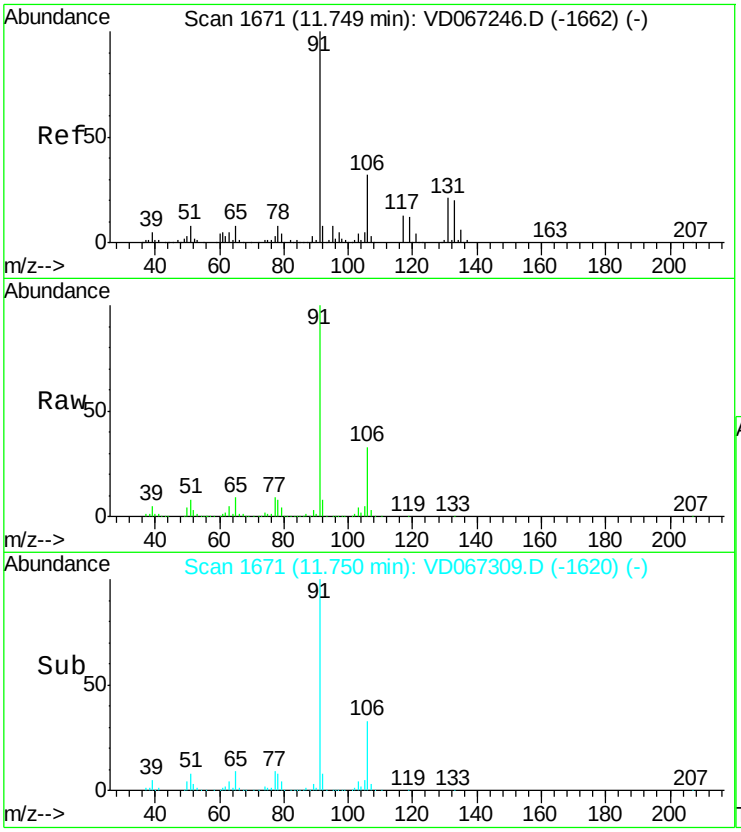


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Tgt Ion:117 Resp: 400502

Ion	Ratio	Lower	Upper
117	100		
82	54.4	39.9	59.9
119	32.1	24.9	37.3



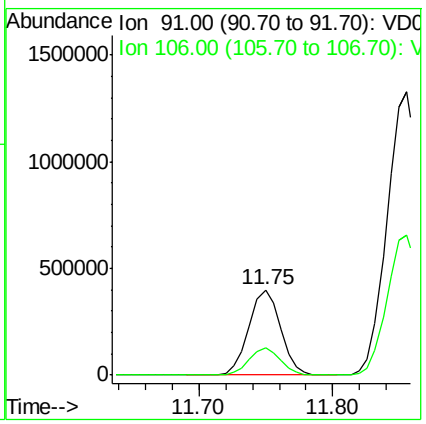


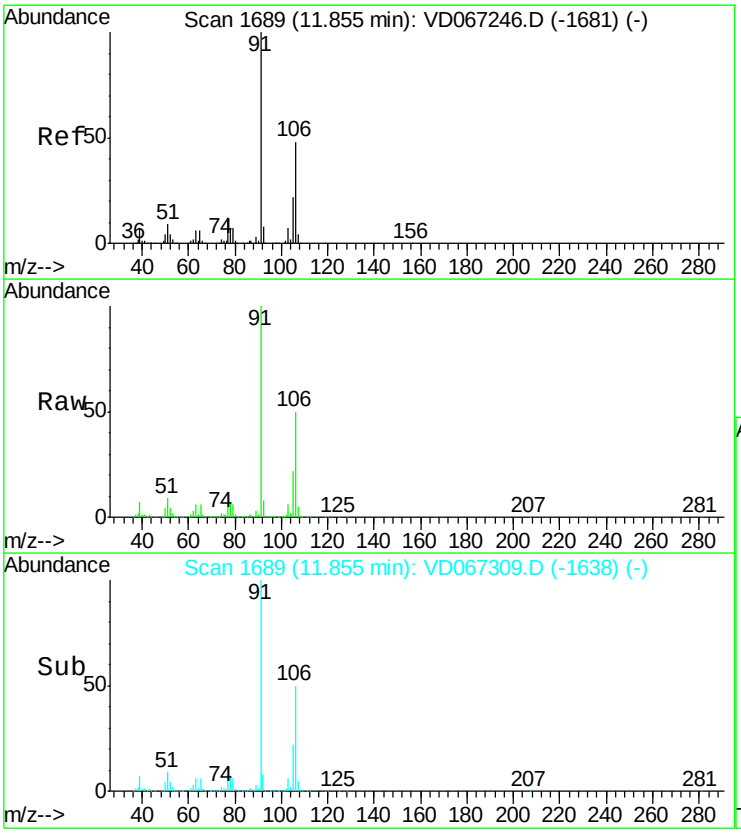
#67
Ethyl Benzene
Concen: 49.988 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Instrument : MSVOA_D
ClientSampleId : 16757-S

Tgt Ion: 91 Resp: 658092

Ion	Ratio	Lower	Upper
91	100		
106	32.7	25.4	38.0

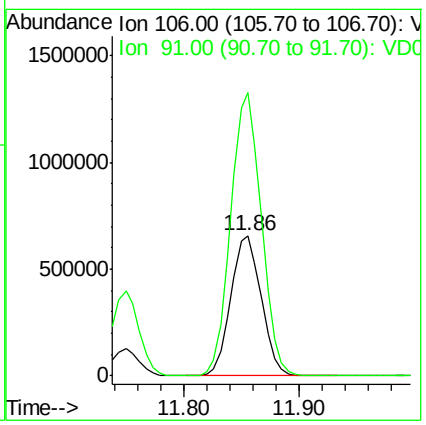


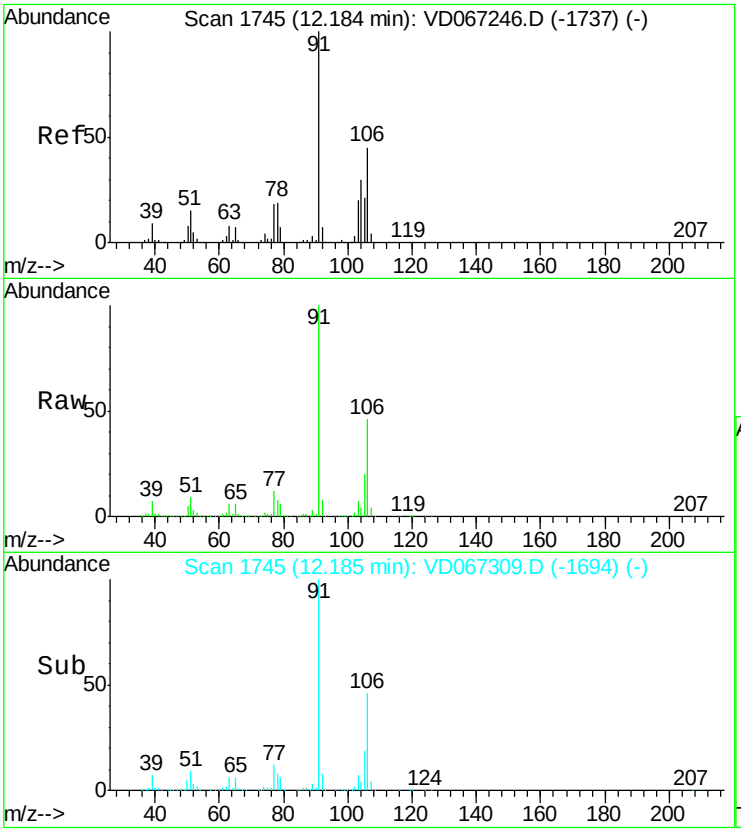


#68
m/p-Xylenes
Concen: 236.945 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Tgt Ion:106 Resp: 1201235

Ion	Ratio	Lower	Upper
106	100		
91	202.5	163.8	245.8



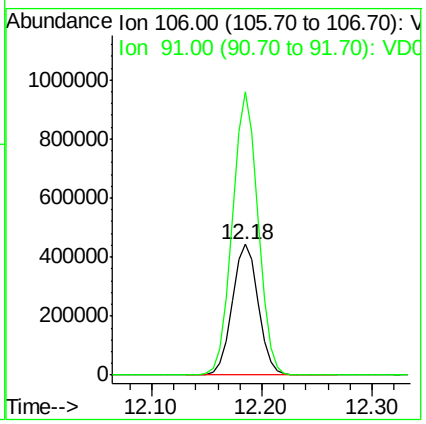


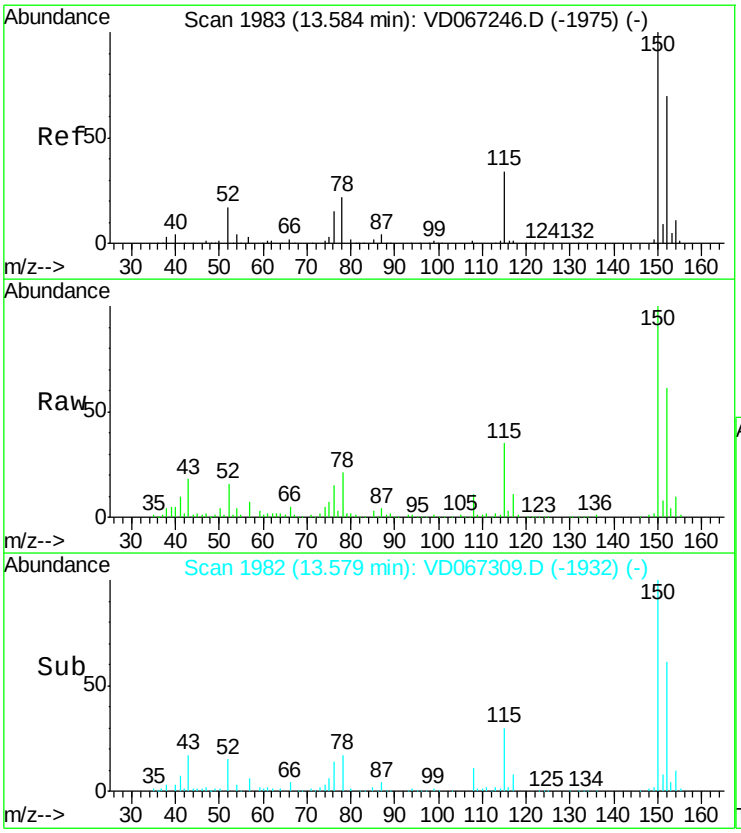
#69
o-Xylene
Concen: 156.088 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
16757-S

Tgt Ion:106 Resp: 732763

Ion	Ratio	Lower	Upper
106	100		
91	213.6	109.1	327.3

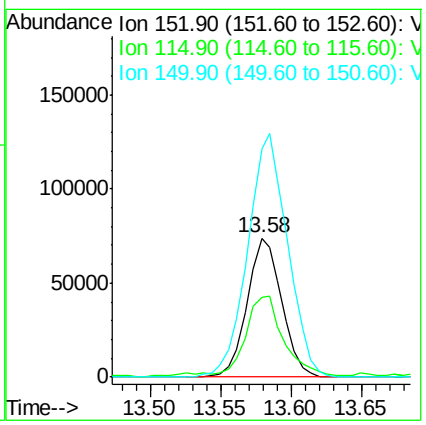


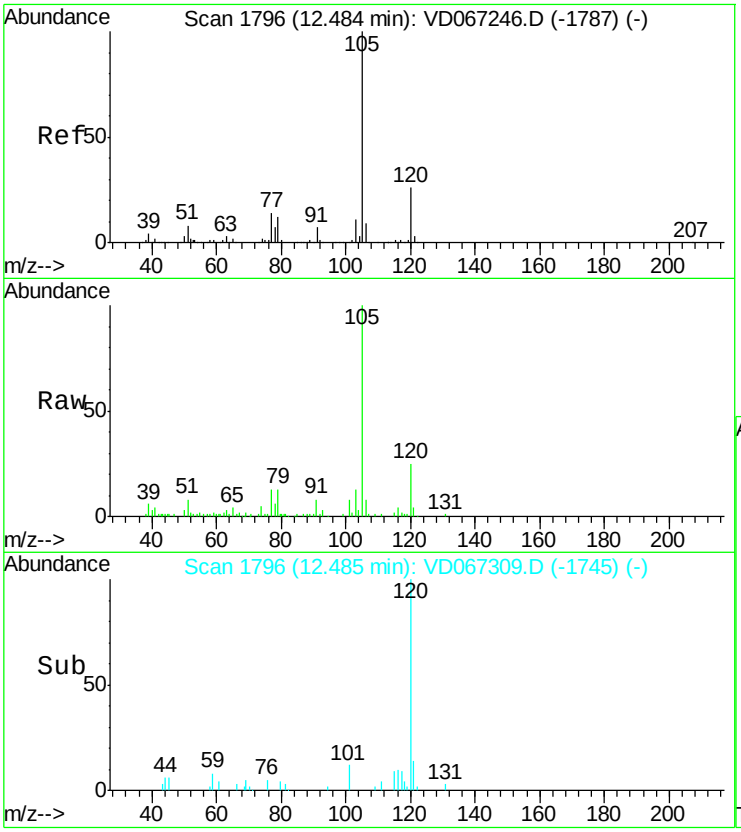


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Tgt Ion:152 Resp: 126784

Ion	Ratio	Lower	Upper
152	100		
115	60.7	29.3	87.9
150	201.5	0.0	339.0



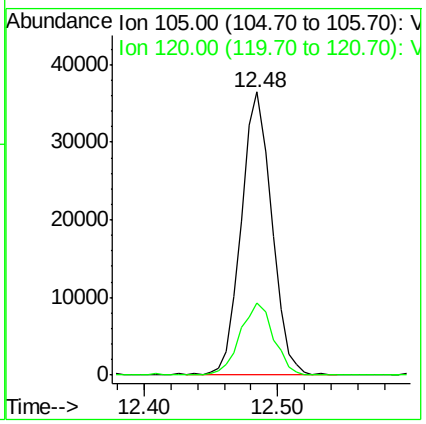


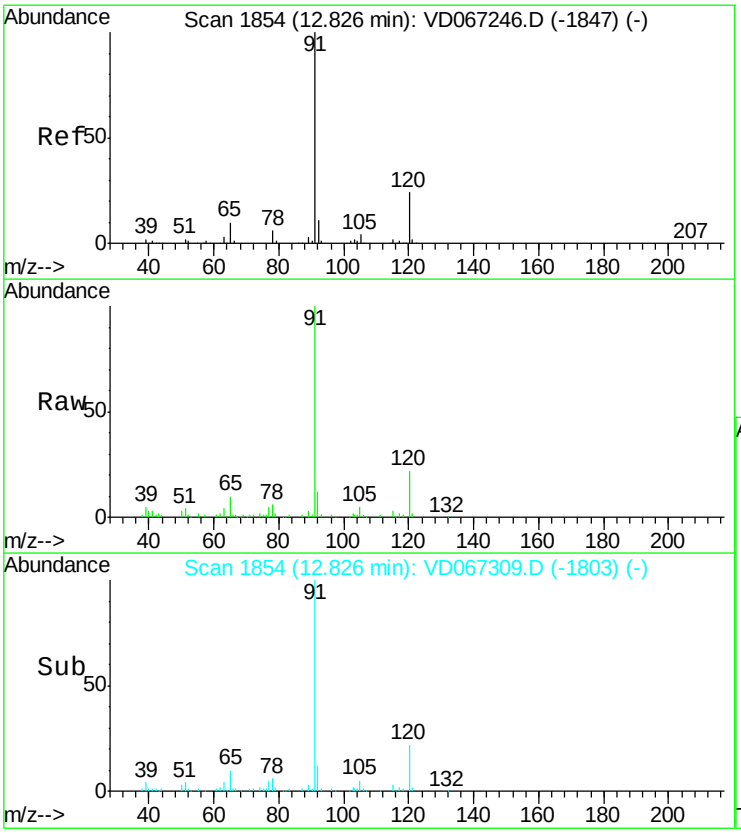
#73
Isopropylbenzene
Concen: 7.145 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
16757-S

Tgt Ion:105 Resp: 57490

Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.3	39.8

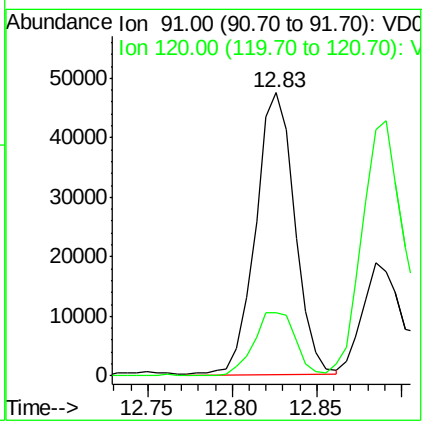


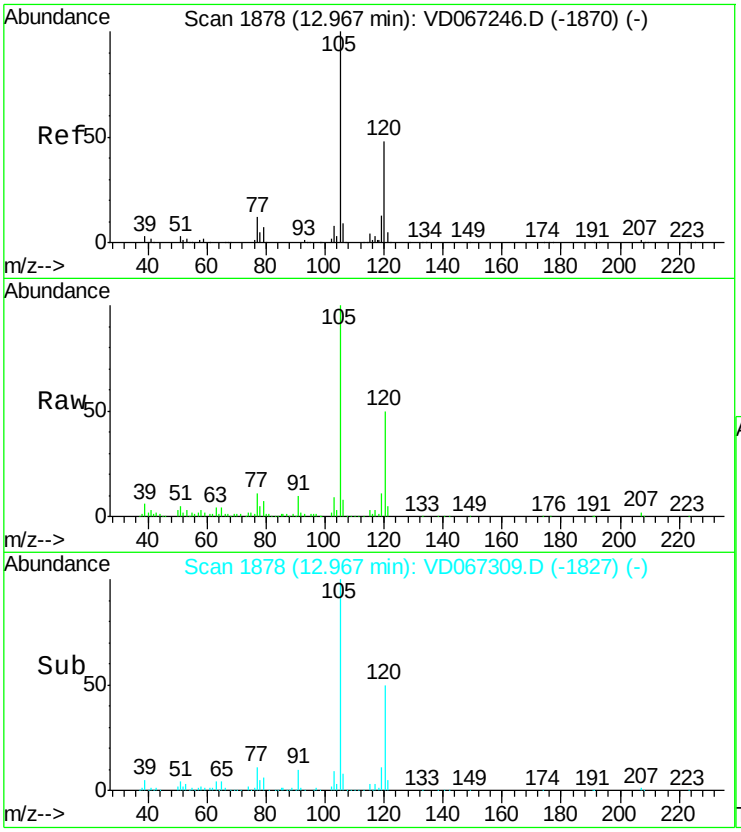


#78
n-propylbenzene
Concen: 8.213 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Tgt Ion: 91 Resp: 76569

Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.9	35.9



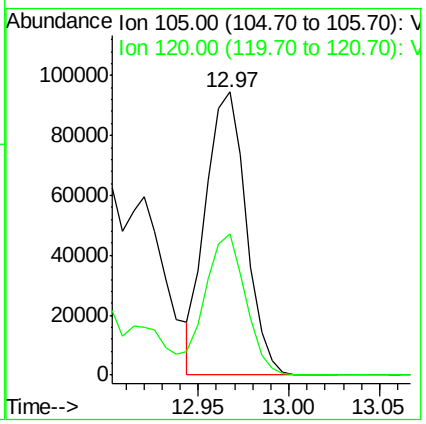


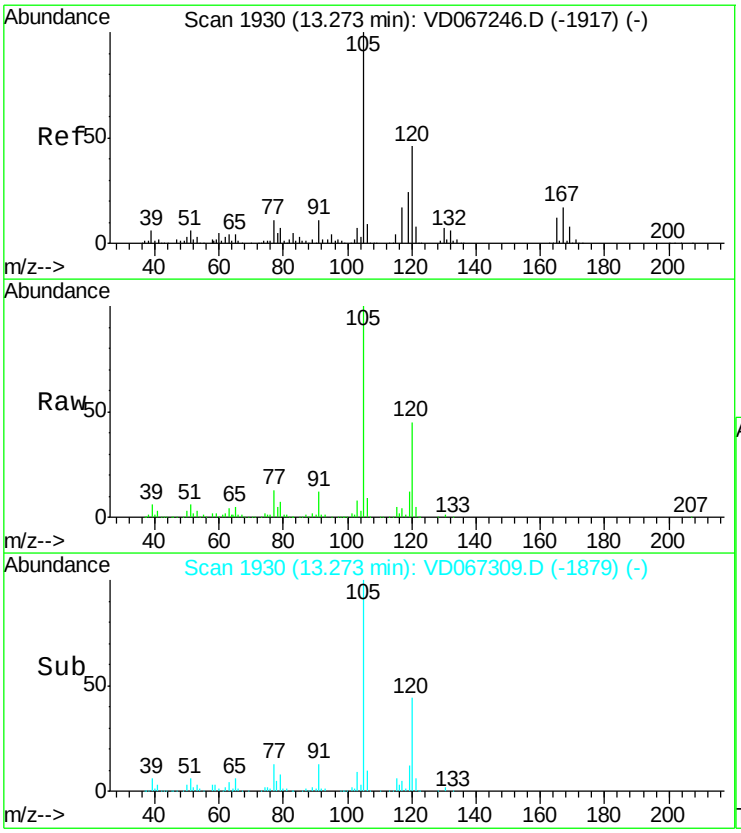
#80
1,3,5-Trimethylbenzene
Concen: 20.909 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
16757-S

Tgt Ion:105 Resp: 146206

Ion	Ratio	Lower	Upper
105	100		
120	50.8	24.3	72.8

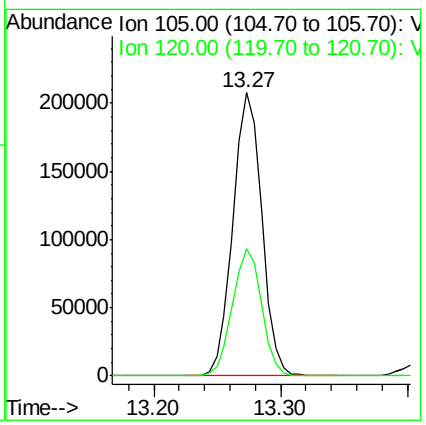


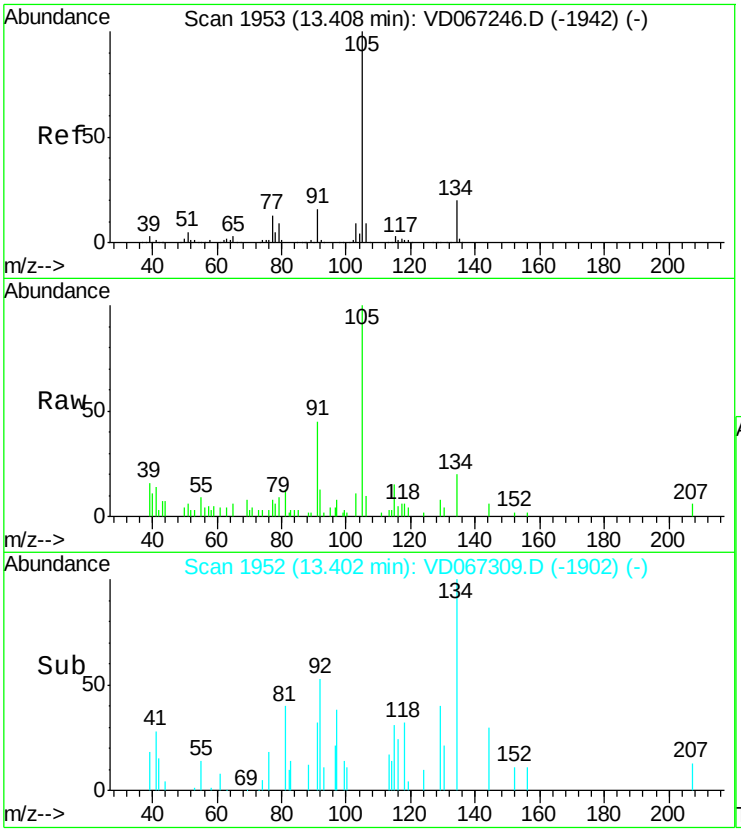


#84
1,2,4-Trimethylbenzene
Concen: 47.298 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Tgt Ion:105 Resp: 326884

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.3



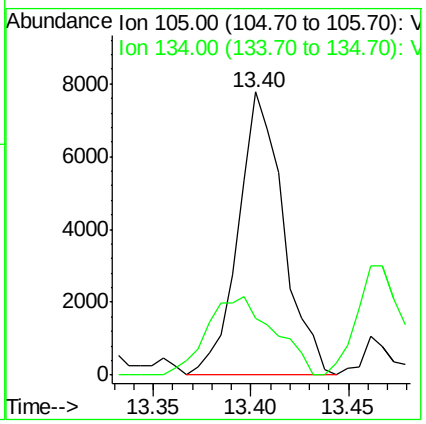


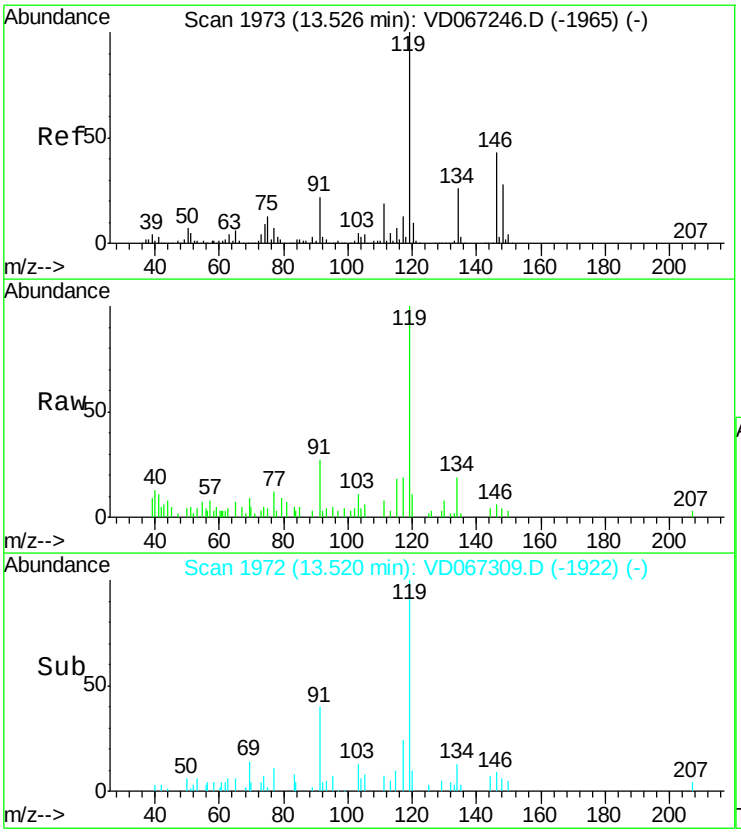
#85
sec-Butylbenzene
Concen: 1.538 ug/l
RT: 13.40 min Scan# 1952
Delta R.T. -0.01 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
16757-S

Tgt Ion:105 Resp: 12461

Ion	Ratio	Lower	Upper
105	100		
134	40.9	10.5	31.5#

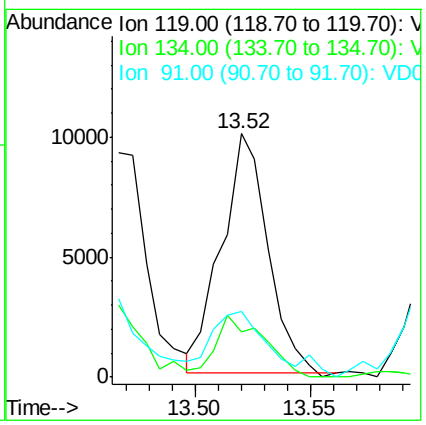


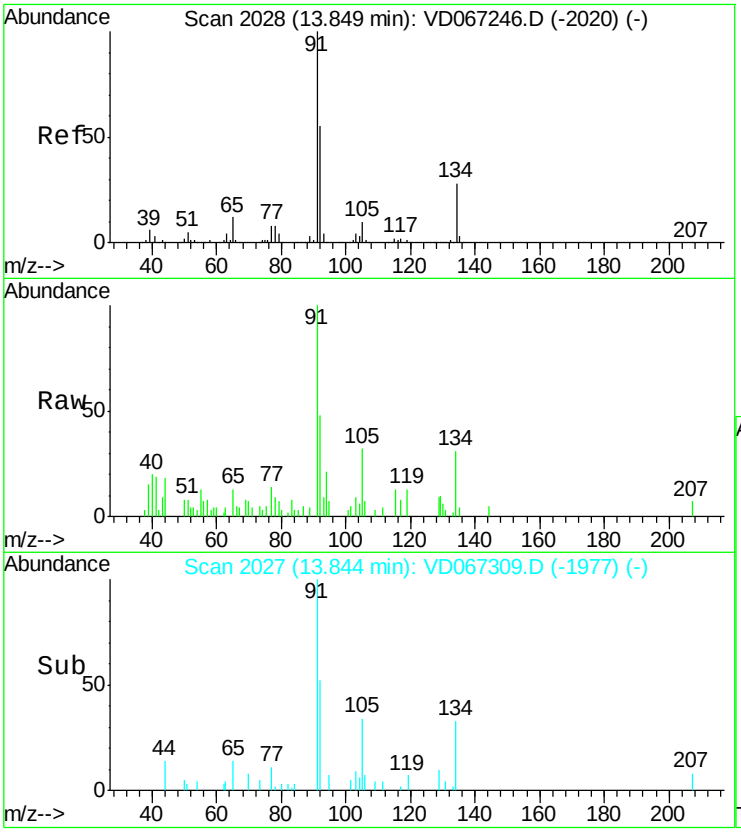


#86
p-Isopropyltoluene
Concen: 1.823 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Tgt Ion:119 Resp: 13944

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.1	39.3
91	35.4	11.9	35.9



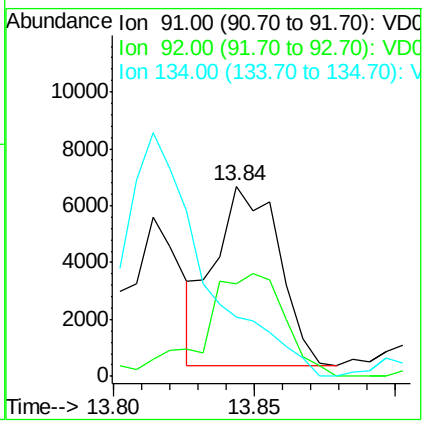


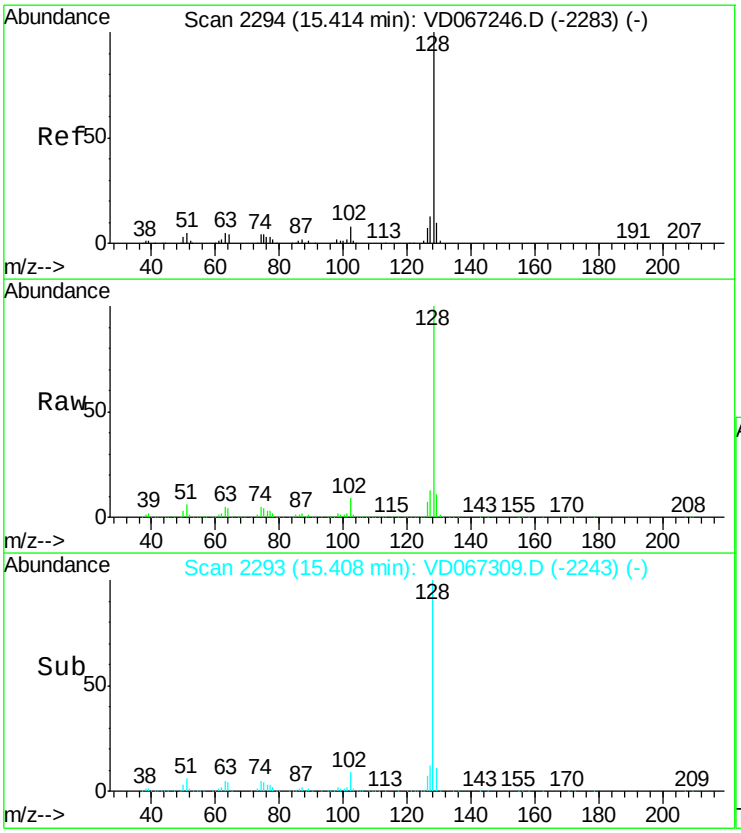
#89
n-Butylbenzene
Concen: 1.491 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Instrument : MSVOA_D
ClientSampleId : 16757-S

Tgt Ion: 91 Resp: 10031

Ion	Ratio	Lower	Upper
91	100		
92	72.3	26.7	80.0
134	0.0	14.2	42.6#





#95
Naphthalene
Concen: 246.095 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067309.D
Acq: 19 Oct 2020 15:29

Tgt Ion:128 Resp: 918907

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.7	8.6	12.8