Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090420\
Data File : VD066565.D
Acq On : 04 Sep 2020 16:12
Operator : VA/SY
Sample : L3876-09
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 1495-96

Quant Time: Sep 05 08:04:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.97	168	289547	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.86	114	545074	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.64	117	256387	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	21952	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	230630	65.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 131.66%				
35) Dibromofluoromethane	7.91	113	204154	55.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.04%				
50) Toluene-d8	10.34	98	469616	35.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 71.46%				
62) 4-Bromofluorobenzene	12.63	95	59730	13.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 27.42%				
Target Compounds							Qvalue
11) Tert butyl alcohol	5.22	59	1538950	8526.945	ug/l		96
16) Acetone	4.16	43	23766	36.870	ug/l		89
17) Carbon Disulfide	4.41	76	16058	1.674	ug/l		97
39) Methylcyclohexane	9.36	83	11214	1.770	ug/l	#	89
40) Benzene	8.35	78	93148	5.996	ug/l		100
52) Toluene	10.40	92	131854	13.408	ug/l		99
67) Ethyl Benzene	11.74	91	73626	7.577	ug/l		98
68) m/p-Xylenes	11.86	106	19060	5.283	ug/l		100
69) o-Xylene	12.18	106	6134	1.897	ug/l		95
73) Isopropylbenzene	12.48	105	13065	8.039	ug/l		96
78) n-propylbenzene	12.82	91	8587	4.358	ug/l		90
80) 1,3,5-Trimethylbenzene	12.96	105	14193	10.375	ug/l		98
84) 1,2,4-Trimethylbenzene	13.27	105	37257	27.355	ug/l		99
85) sec-Butylbenzene	13.40	105	7682	4.773	ug/l	#	67
86) p-Isopropyltoluene	13.52	119	10953	7.561	ug/l		93
95) Naphthalene	15.41	128	113229	171.714	ug/l		97

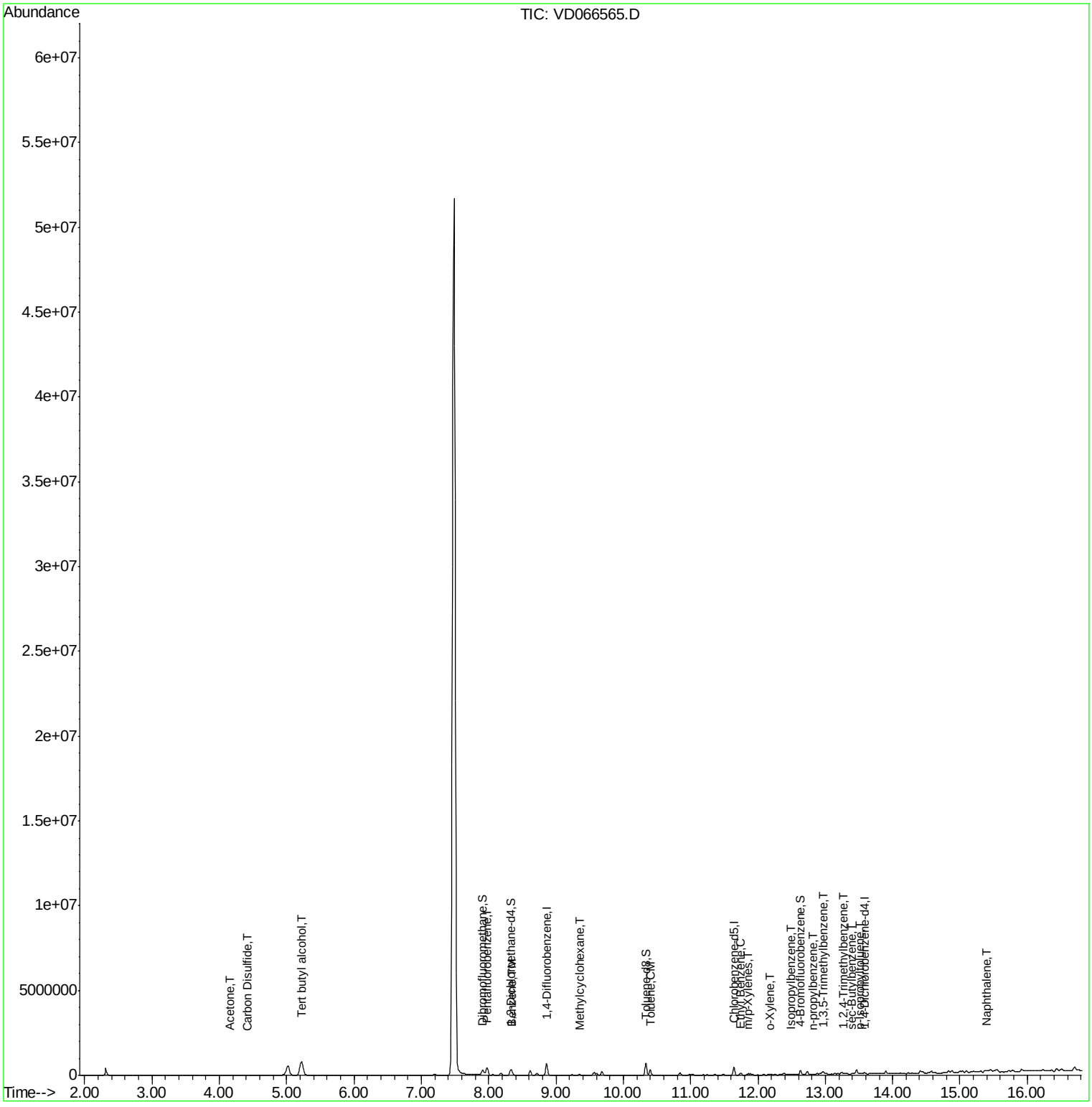
(#) = qualifier out of range (m) = manual integration (+) = signals summed

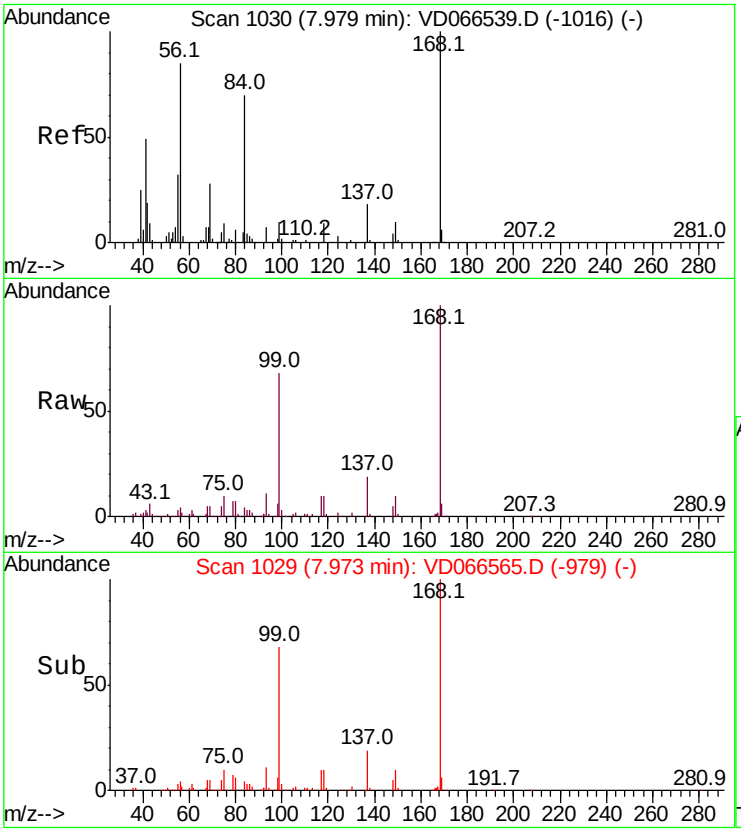
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
Data File : VD066565.D
Acq On : 04 Sep 2020 16:12
Operator : VA/SY
Sample : L3876-09
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1495-96

Quant Time: Sep 05 08:04:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration



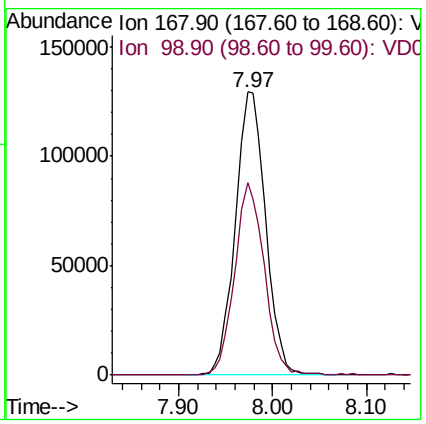


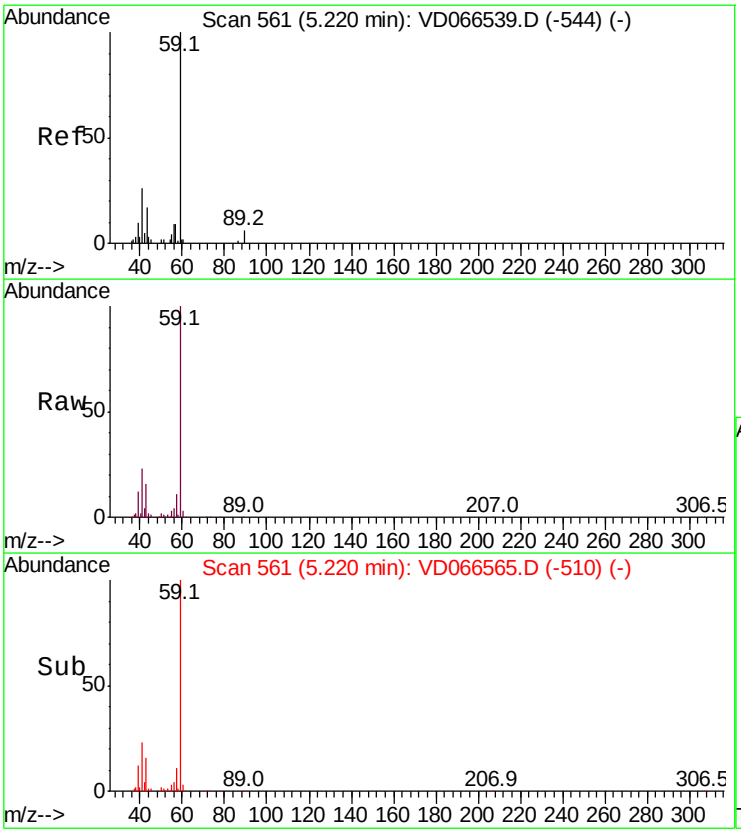
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Instrument :
MSVOA_D
ClientSampleId :
1495-96

Tgt Ion:168 Resp: 289547

Ion	Ratio	Lower	Upper
168	100		
99	68.2	50.5	75.7

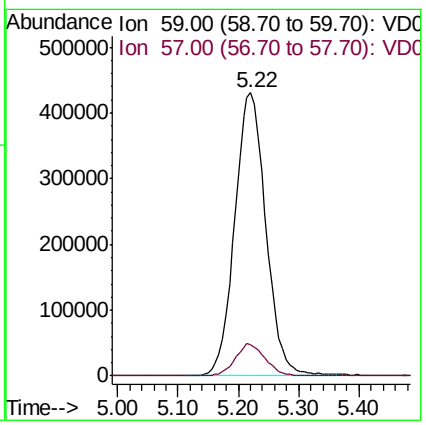


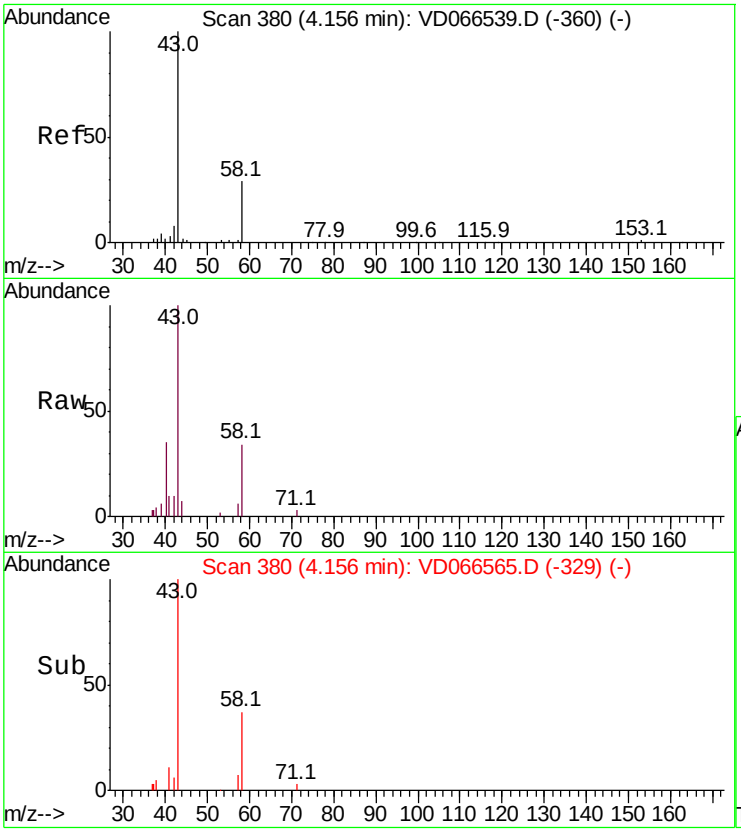


#11
Tert butyl alcohol
Concen: 8526.945 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion: 59 Resp: 1538950

Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.6	11.4



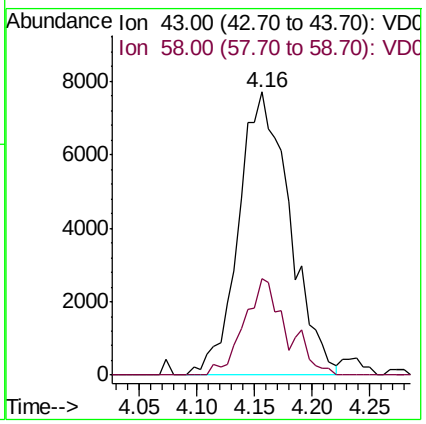


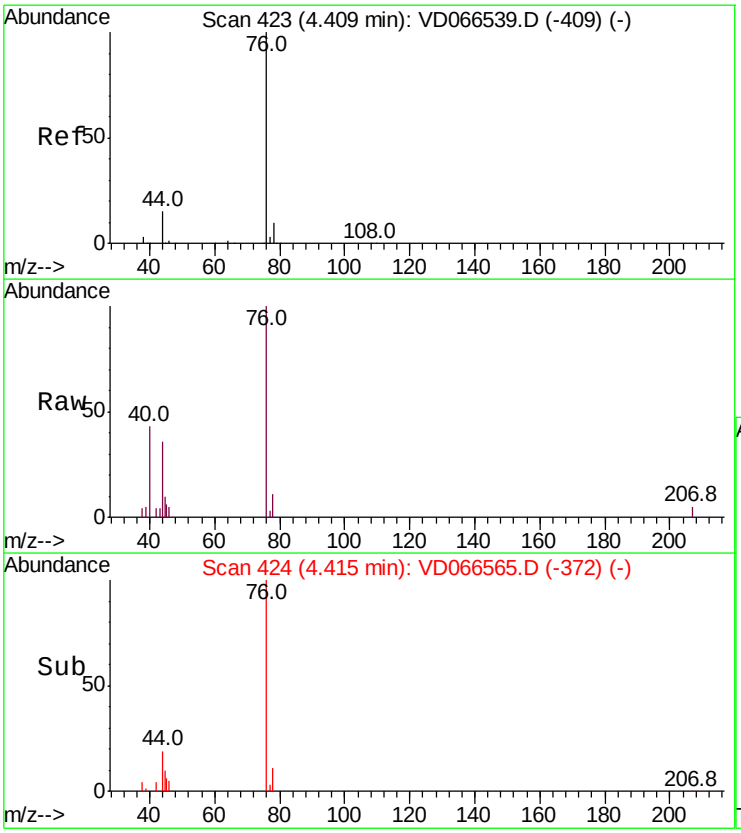
#16
Acetone
Concen: 36.870 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Instrument :
MSVOA_D
ClientSampleId :
1495-96

Tgt Ion: 43 Resp: 23766

Ion	Ratio	Lower	Upper
43	100		
58	34.2	22.9	34.3

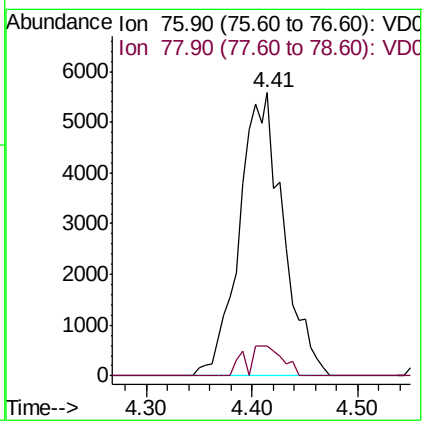


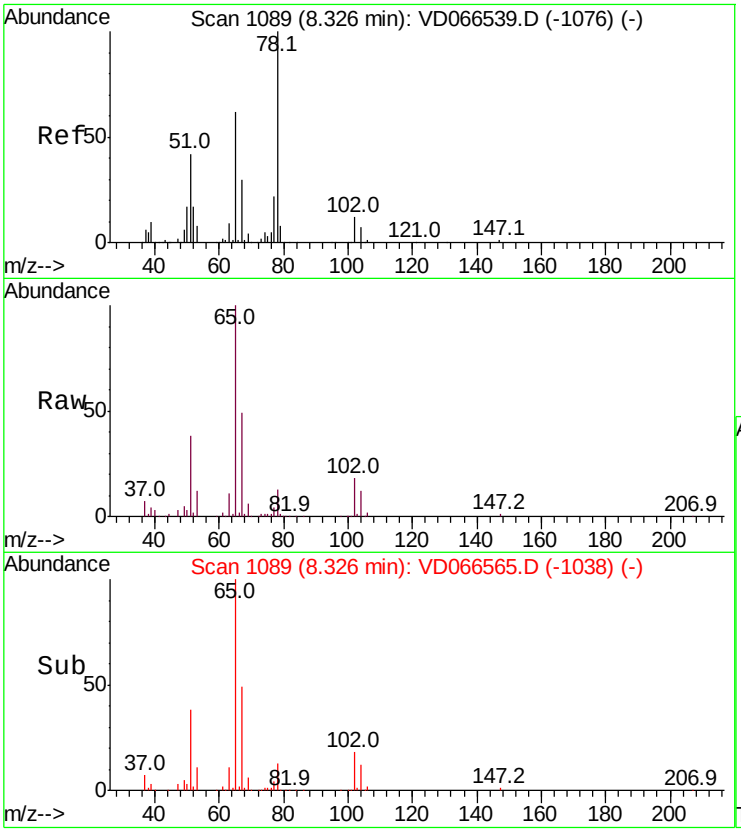


#17
Carbon Disulfide
Concen: 1.674 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion: 76 Resp: 16058

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.6	11.4



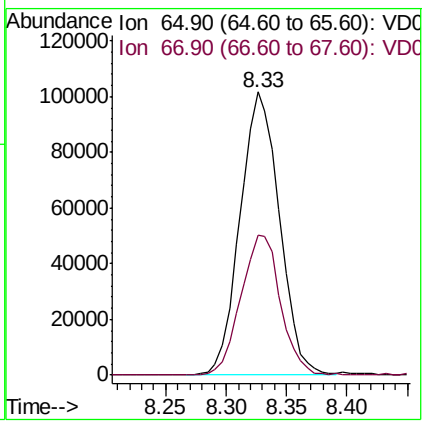


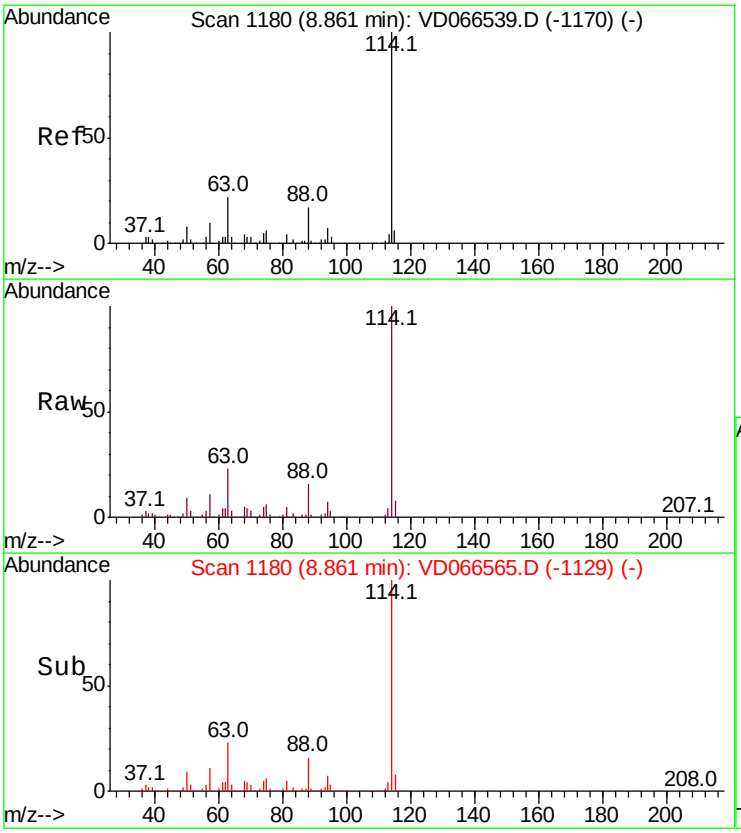
#33
1,2-Dichloroethane-d4
Concen: 65.833 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Instrument :
MSVOA_D
ClientSampleId :
1495-96

Tgt Ion: 65 Resp: 230630

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	102.8

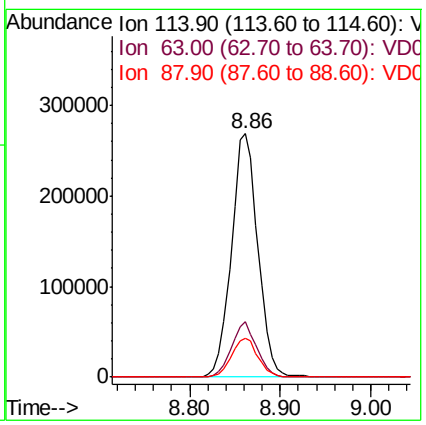


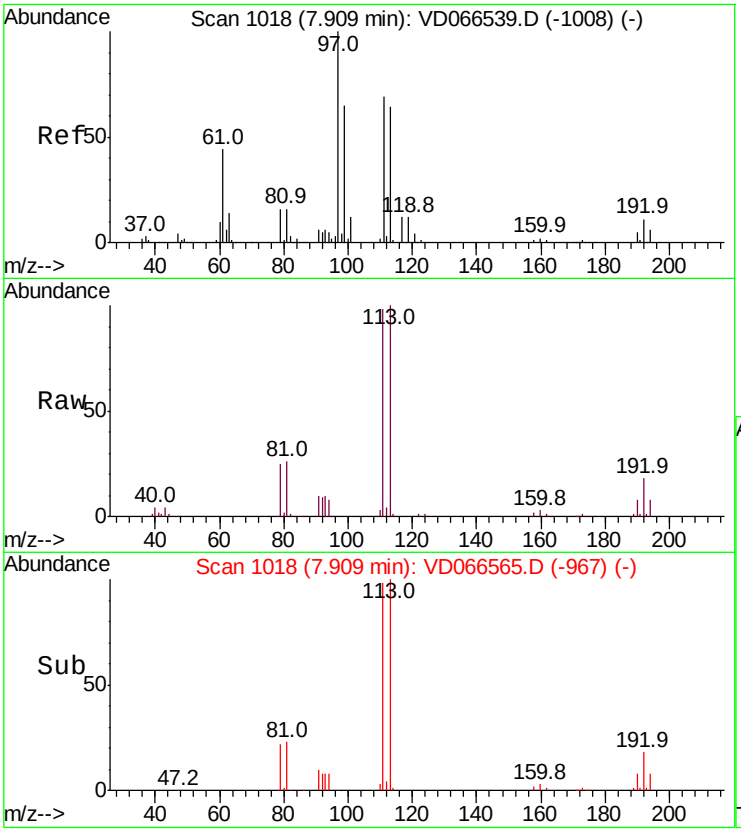


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion:114 Resp: 545074

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	43.2
88	15.7	0.0	33.2



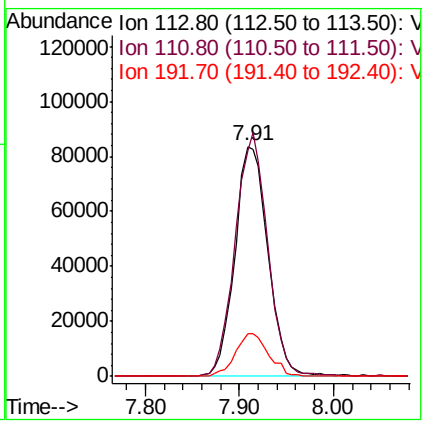


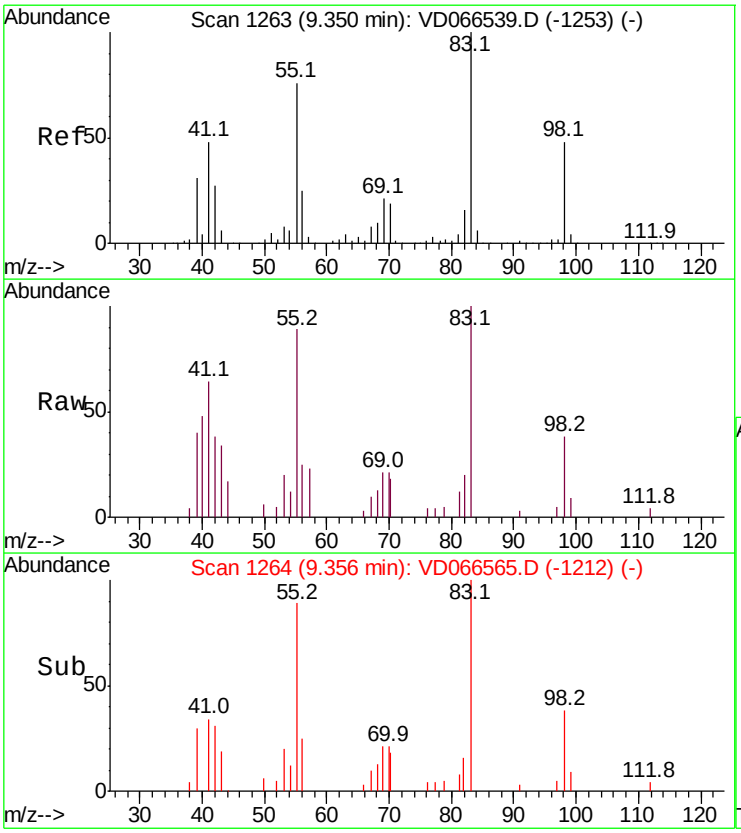
#35
Dibromofluoromethane
Concen: 55.520 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Instrument :
MSVOA_D
ClientSampleId :
1495-96

Tgt Ion:113 Resp: 204154

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.2	124.8
192	18.6	13.7	20.5

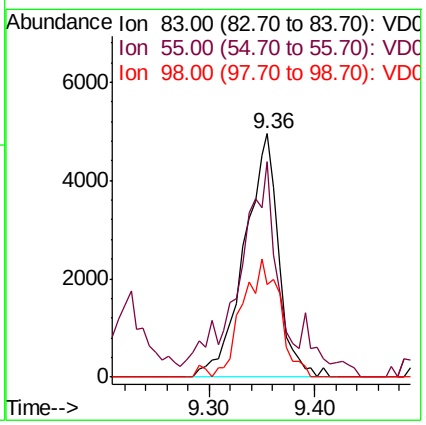


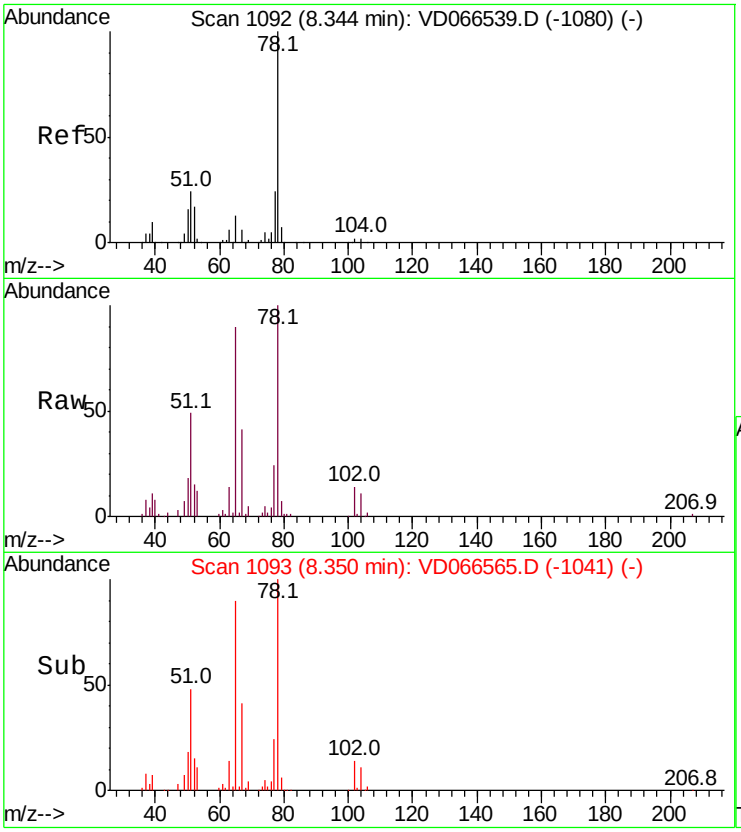


#39
Methylcyclohexane
Concen: 1.770 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion: 83 Resp: 11214

Ion	Ratio	Lower	Upper
83	100		
55	82.8	60.8	91.2
98	37.8	38.6	58.0#



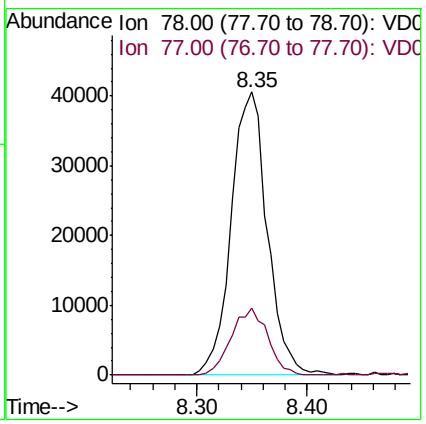


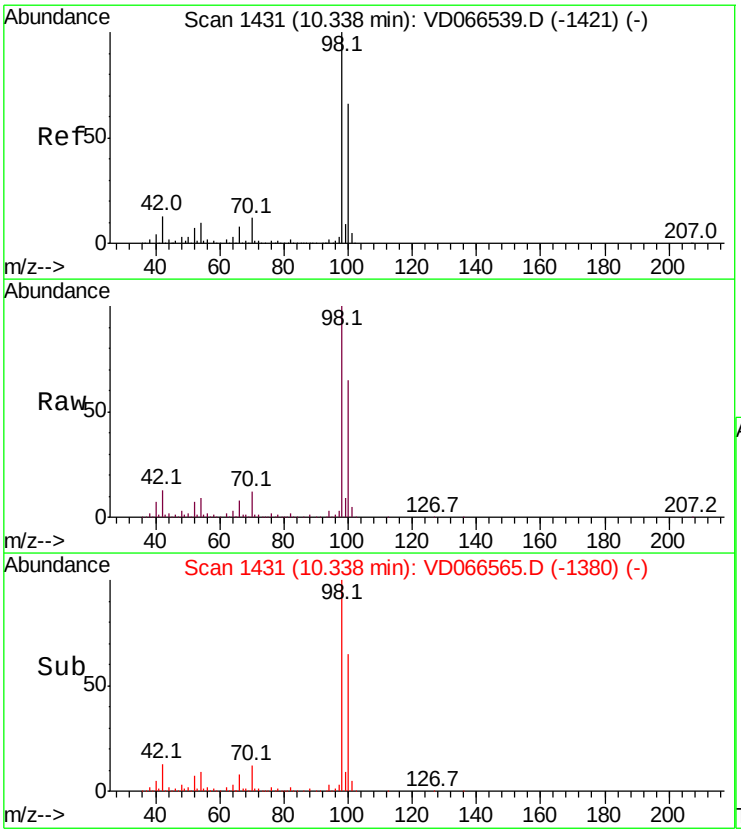
#40
Benzene
Concen: 5.996 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Instrument :
MSVOA_D
ClientSampleId :
1495-96

Tgt Ion: 78 Resp: 93148

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7

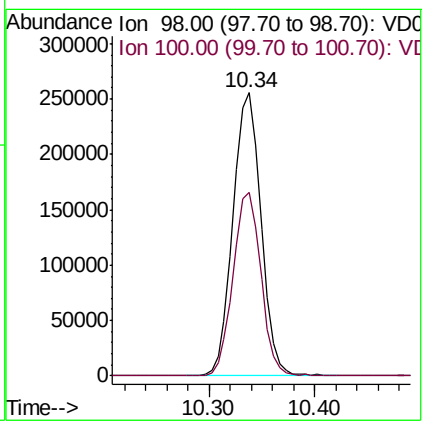


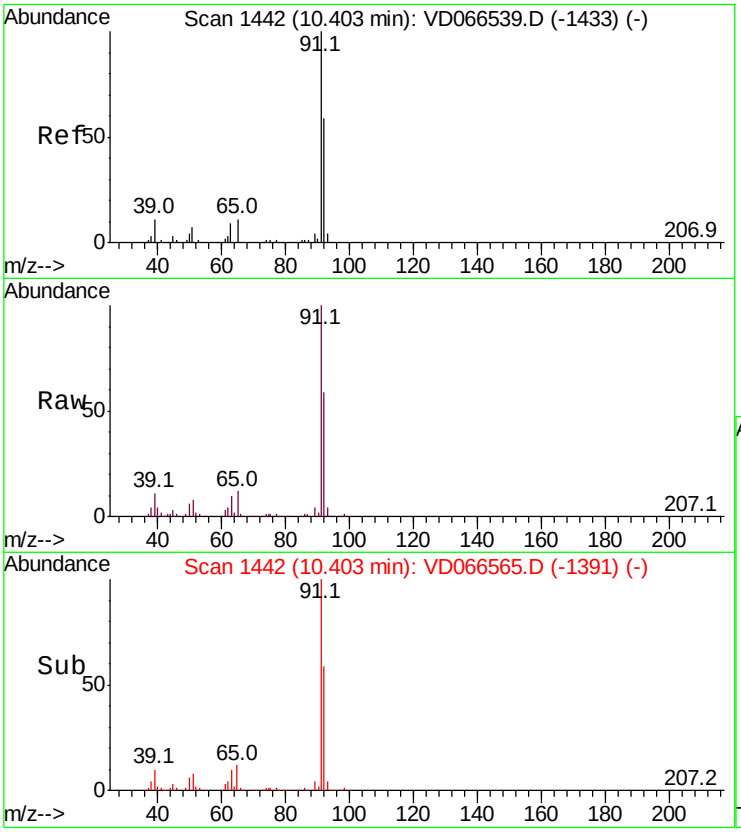


#50
Toluene-d8
Concen: 35.732 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion: 98 Resp: 469616

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.9	79.3



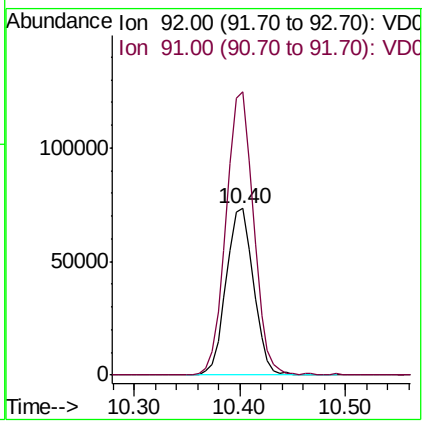


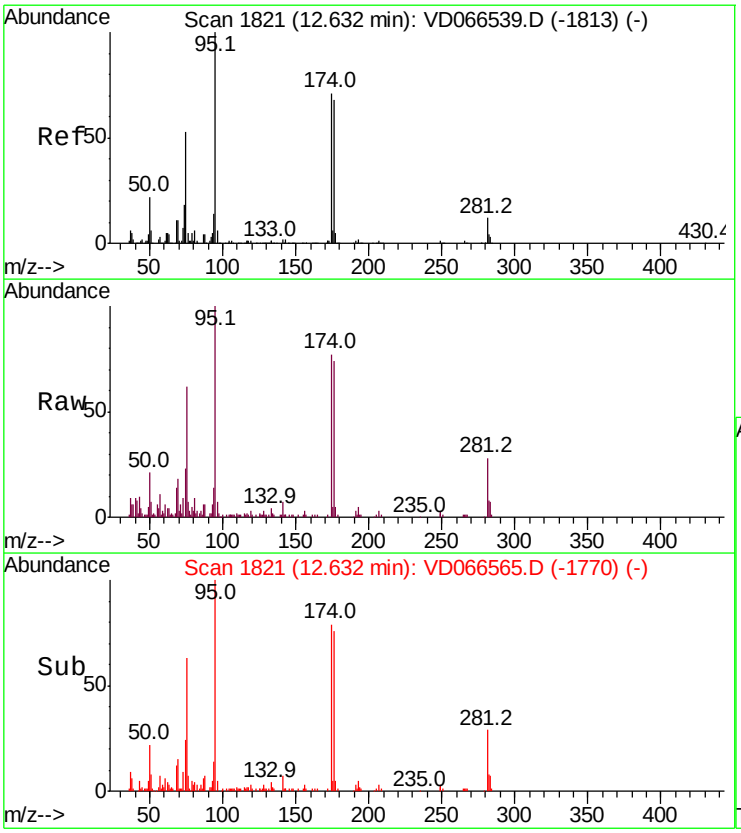
#52
Toluene
Concen: 13.408 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Instrument : MSVOA_D
ClientSampleId : 1495-96

Tgt Ion: 92 Resp: 131854

Ion	Ratio	Lower	Upper
92	100		
91	170.7	137.4	206.2

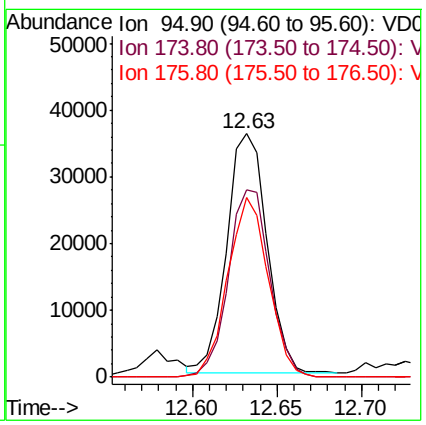


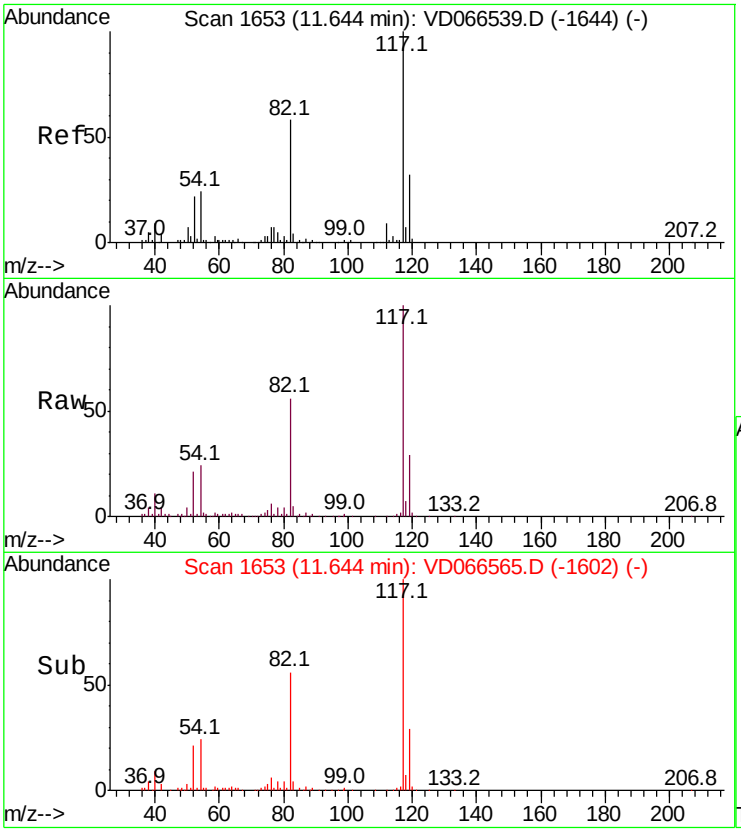


#62
4-Bromofluorobenzene
Concen: 13.706 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion: 95 Resp: 59730

Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	155.8
176	75.3	0.0	148.6



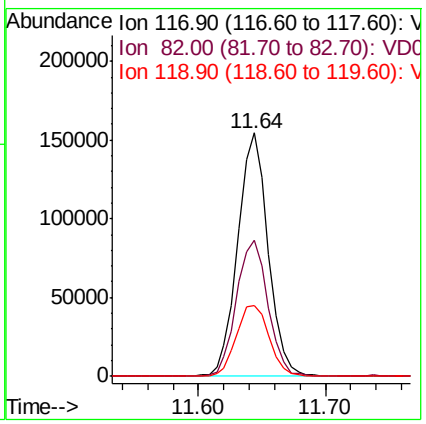


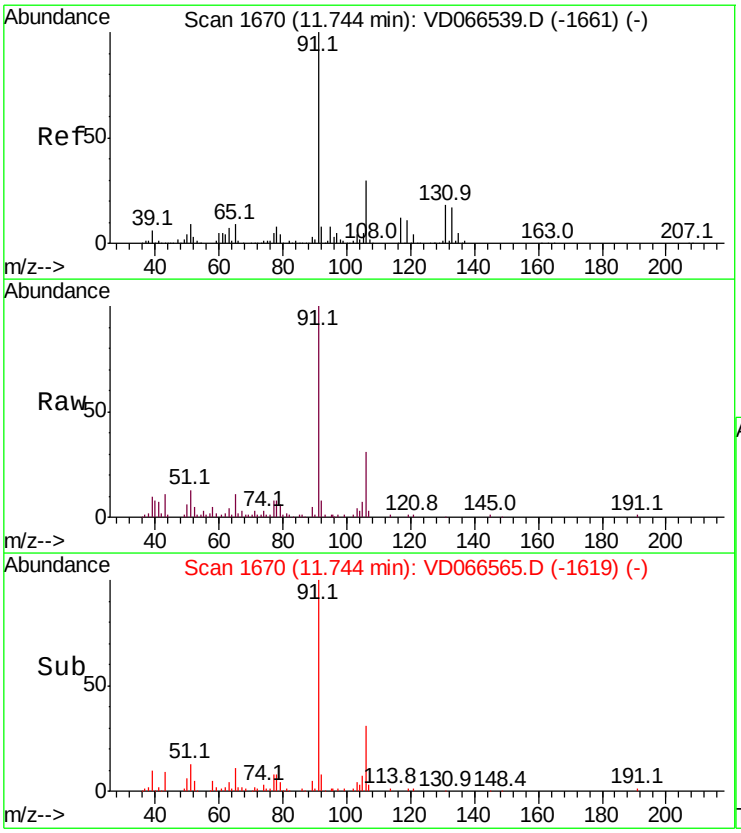
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Instrument : MSVOA_D
ClientSampleId : 1495-96

Tgt Ion:117 Resp: 256387

Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.2	69.2
119	28.8	25.8	38.8

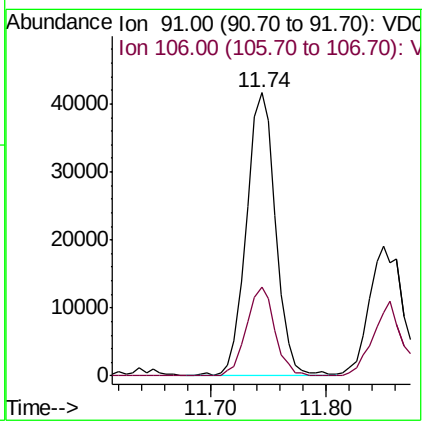


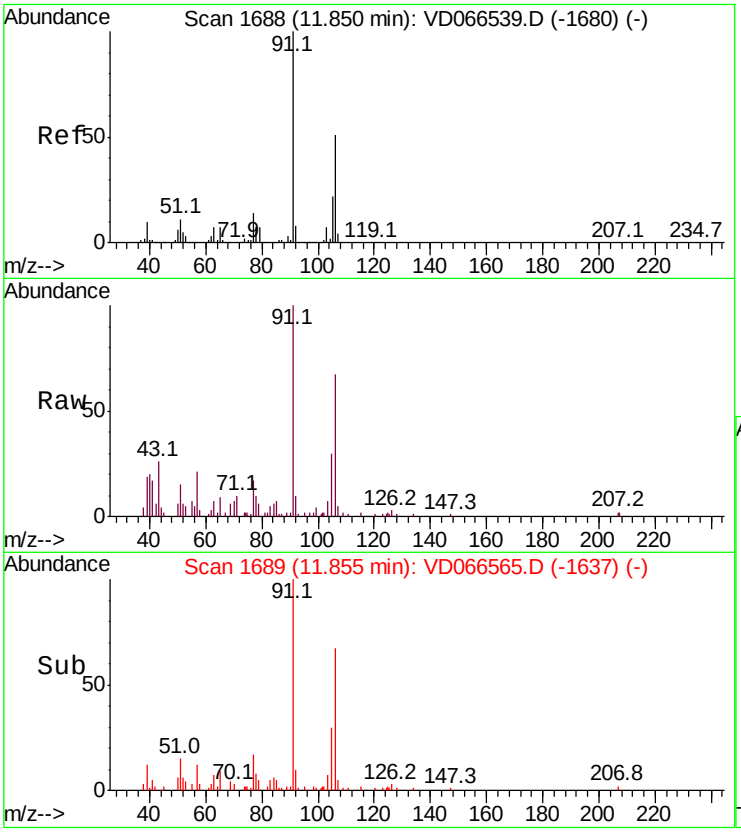


#67
Ethyl Benzene
Concen: 7.577 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion: 91 Resp: 73626

Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.3	36.5



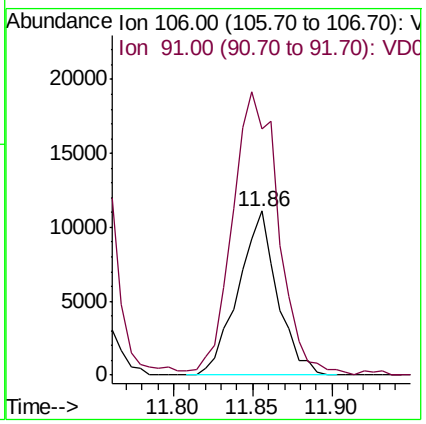


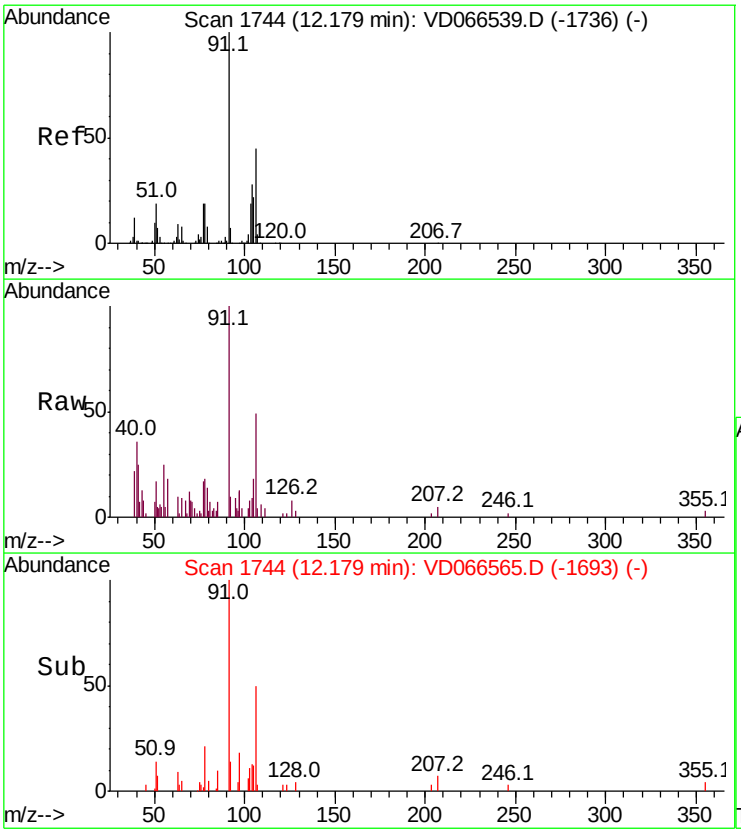
#68
m/p-Xylenes
Concen: 5.283 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Instrument :
MSVOA_D
ClientSampleId :
1495-96

Tgt Ion:106 Resp: 19060

Ion	Ratio	Lower	Upper
106	100		
91	203.0	162.4	243.6

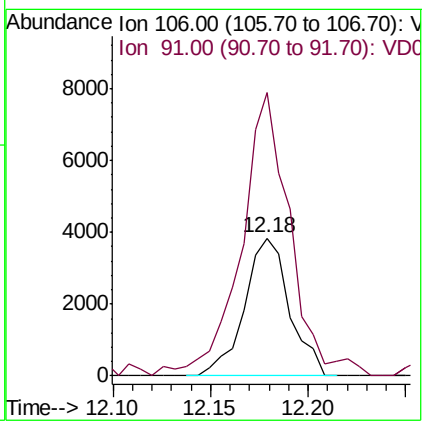


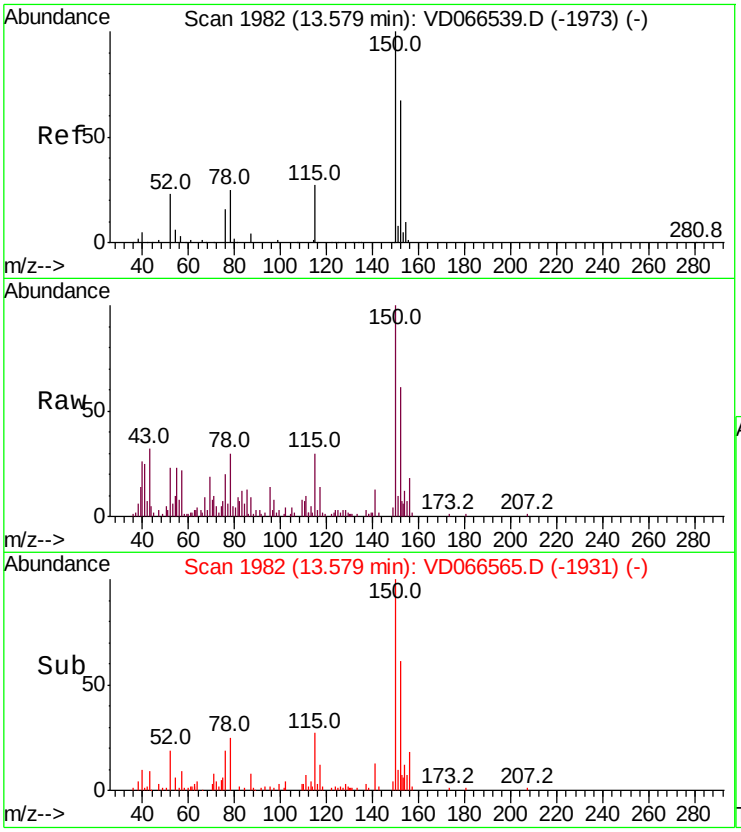


#69
o-Xylene
Concen: 1.897 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion:106 Resp: 6134

Ion	Ratio	Lower	Upper
106	100		
91	223.8	107.9	323.8



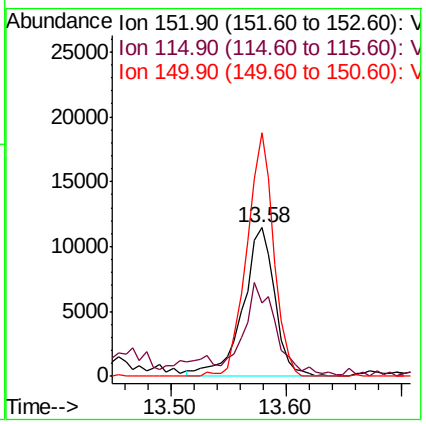


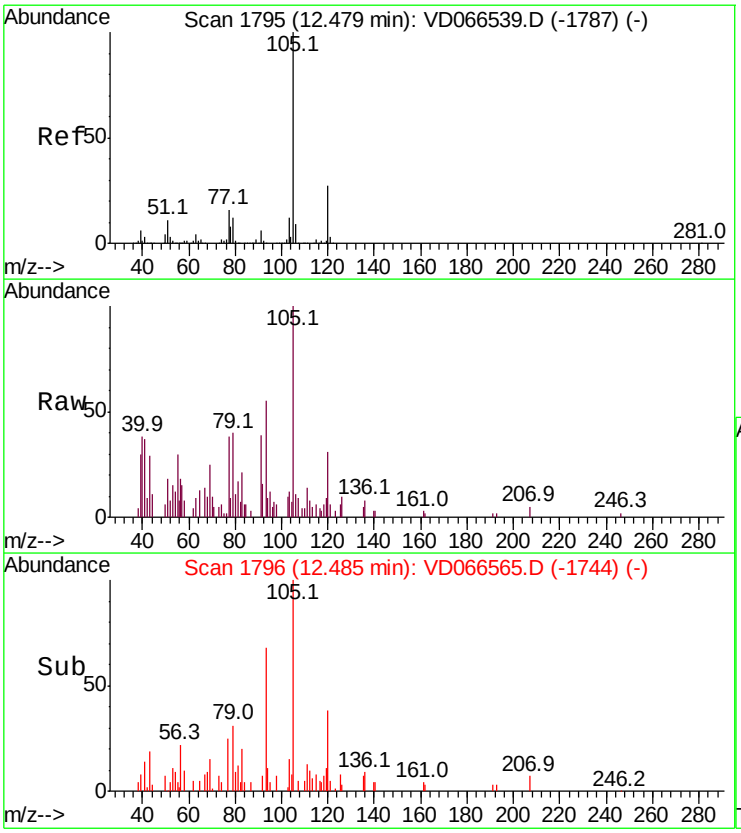
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Instrument :
MSVOA_D
ClientSampleId :
1495-96

Tgt Ion:152 Resp: 21952

Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.4	91.2
150	137.4	0.0	345.8

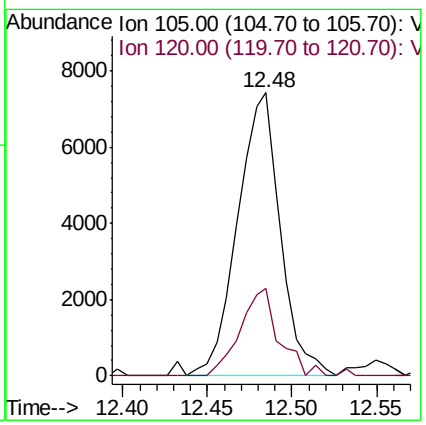


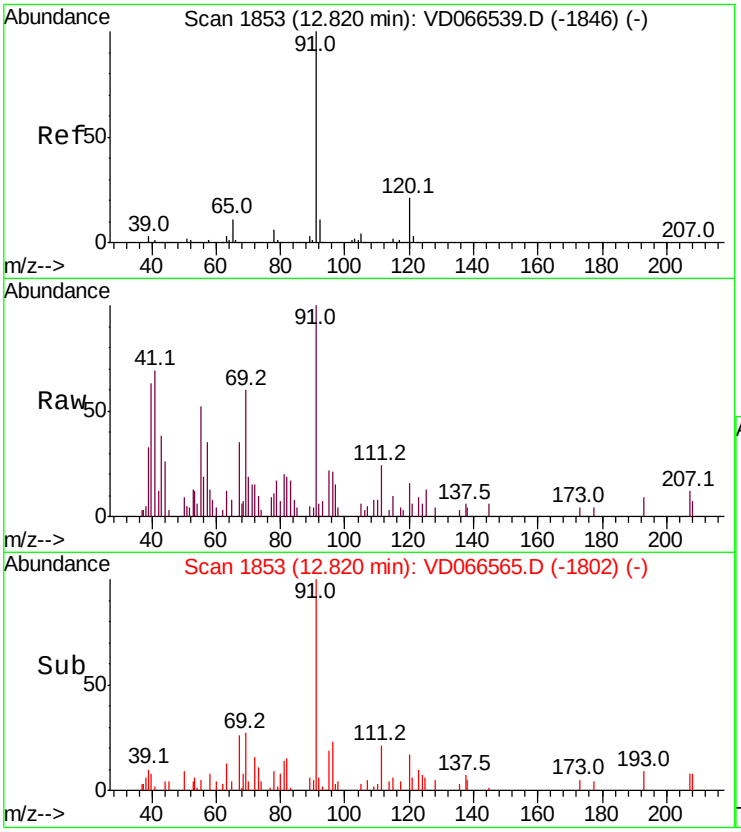


#73
Isopropylbenzene
Concen: 8.039 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion:105 Resp: 13065

Ion	Ratio	Lower	Upper
105	100		
120	28.2	13.0	39.0



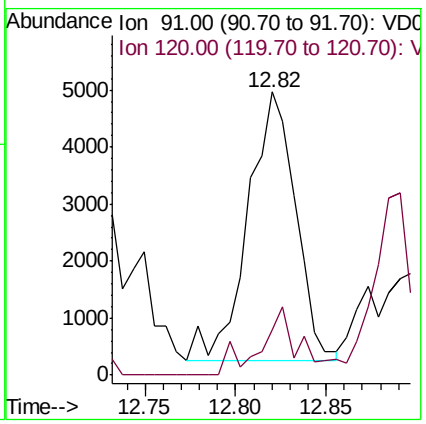


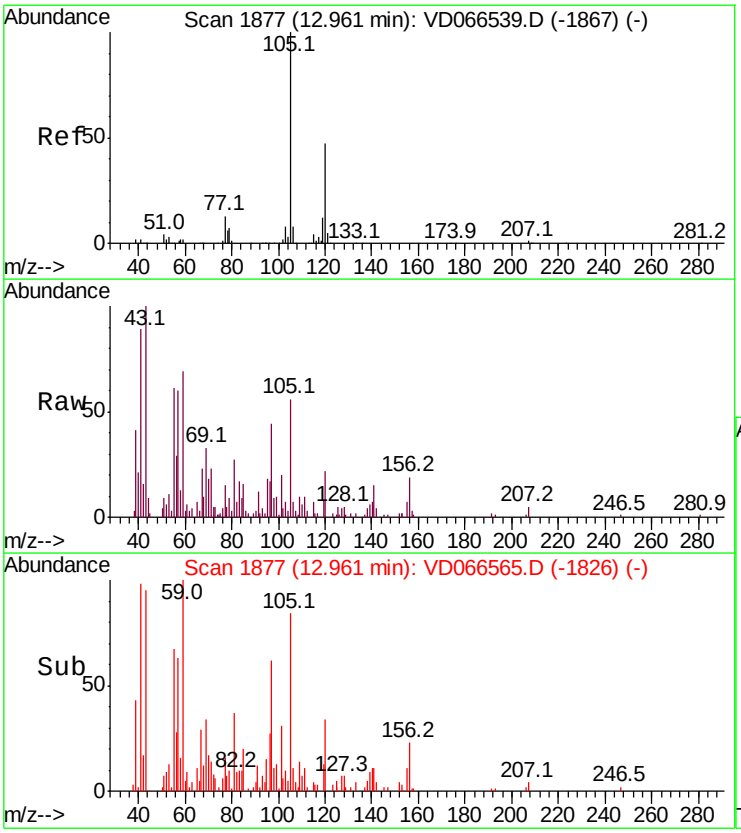
#78
n-propylbenzene
Concen: 4.358 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Instrument :
MSVOA_D
ClientSampleId :
1495-96

Tgt Ion: 91 Resp: 8587

Ion	Ratio	Lower	Upper
91	100		
120	17.4	11.1	33.1

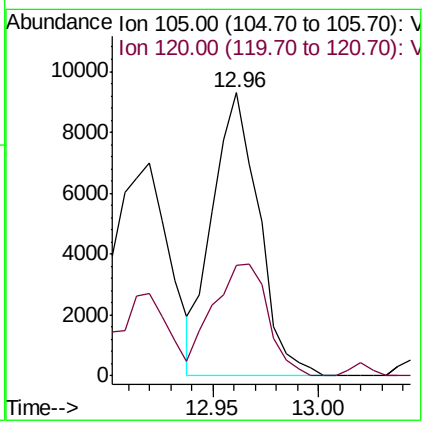


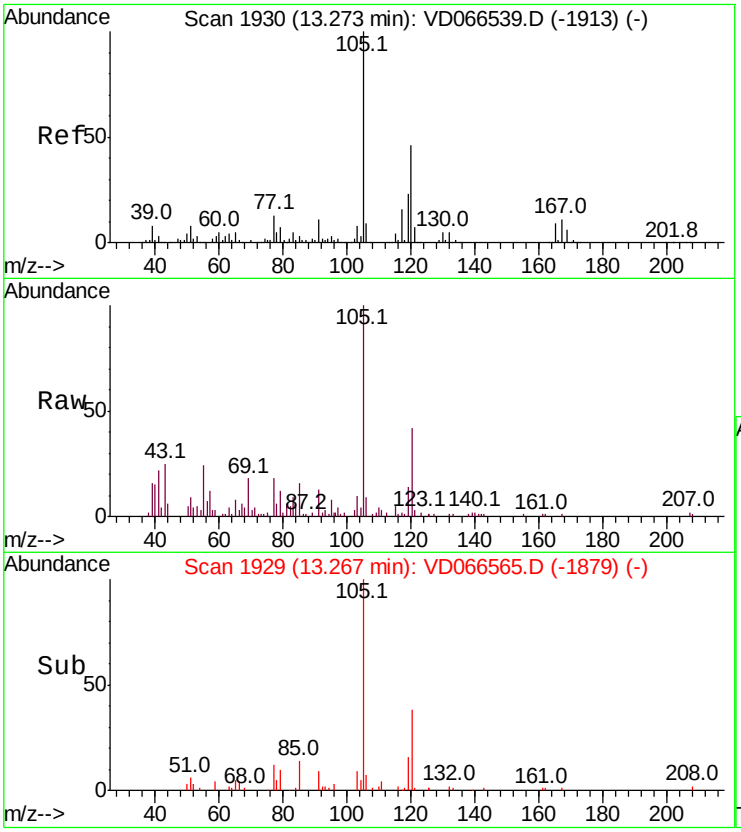


#80
1,3,5-Trimethylbenzene
Concen: 10.375 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion:105 Resp: 14193

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.9	71.8



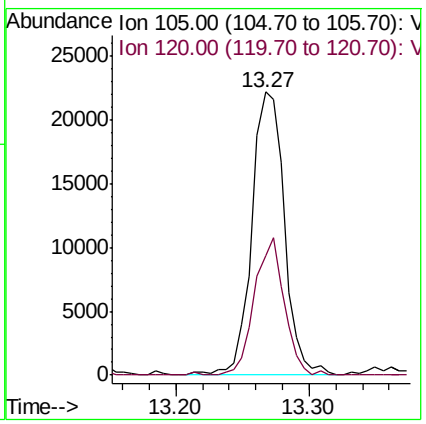


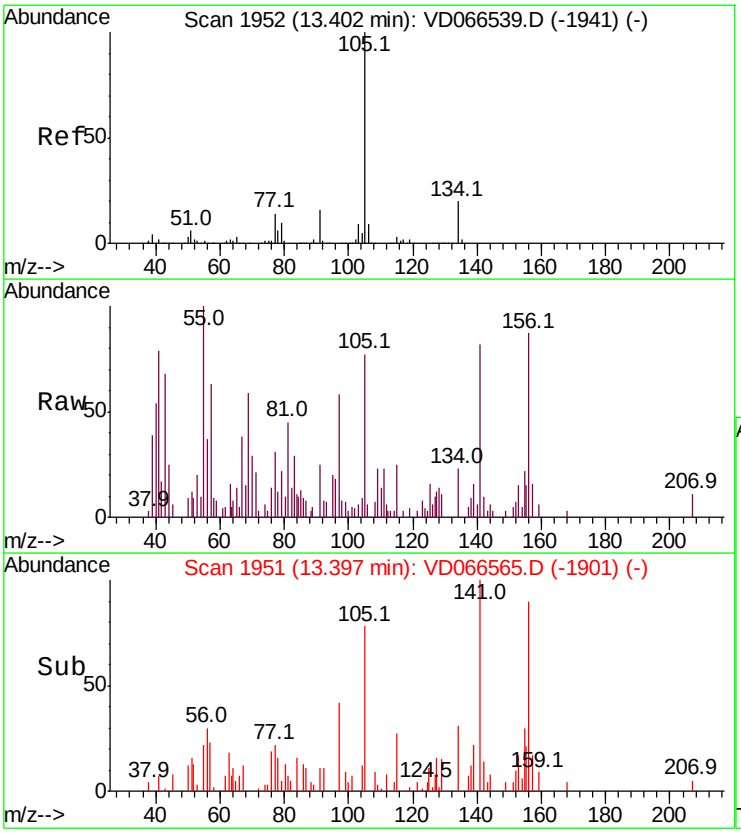
#84
1,2,4-Trimethylbenzene
Concen: 27.355 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Instrument :
MSVOA_D
ClientSampleId :
1495-96

Tgt Ion:105 Resp: 37257

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.6	67.7

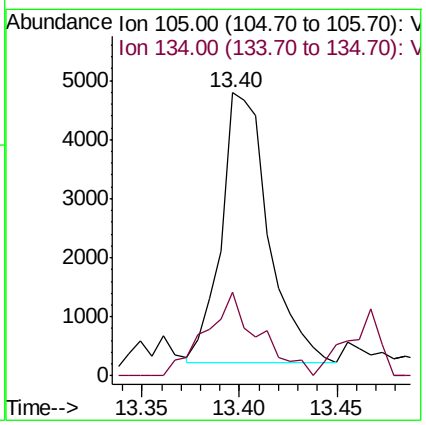


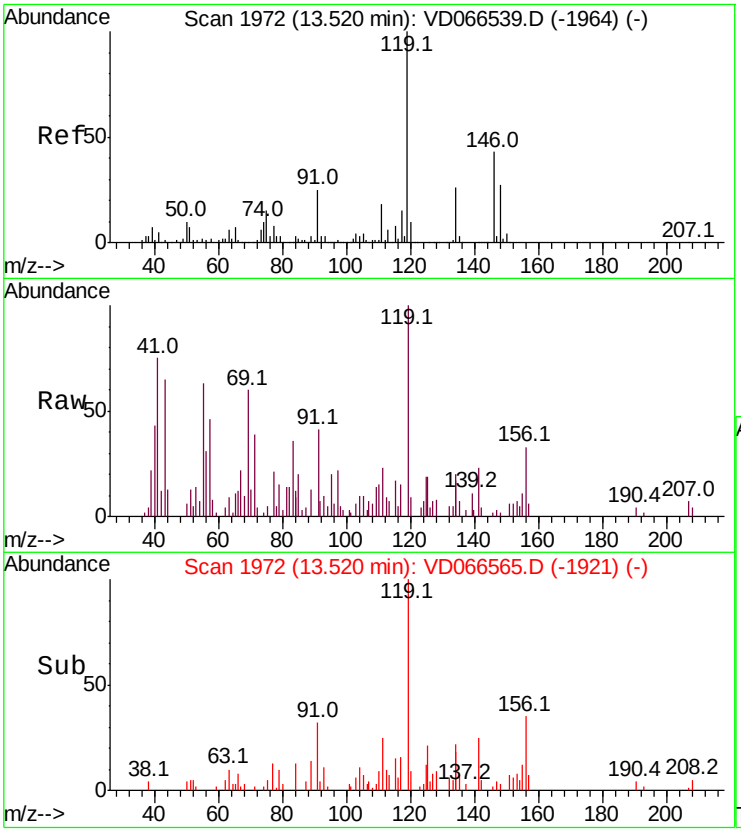


#85
sec-Butylbenzene
Concen: 4.773 ug/l
RT: 13.40 min Scan# 1951
Delta R.T. -0.01 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion:105 Resp: 7682

Ion	Ratio	Lower	Upper
105	100		
134	34.7	9.8	29.5#



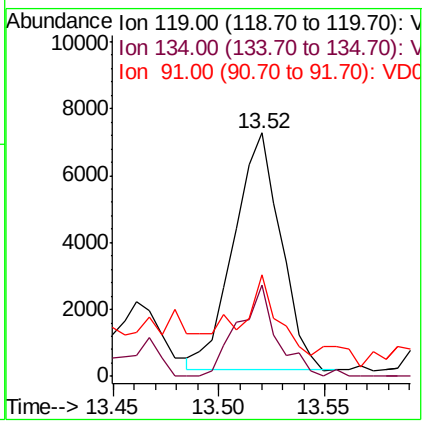


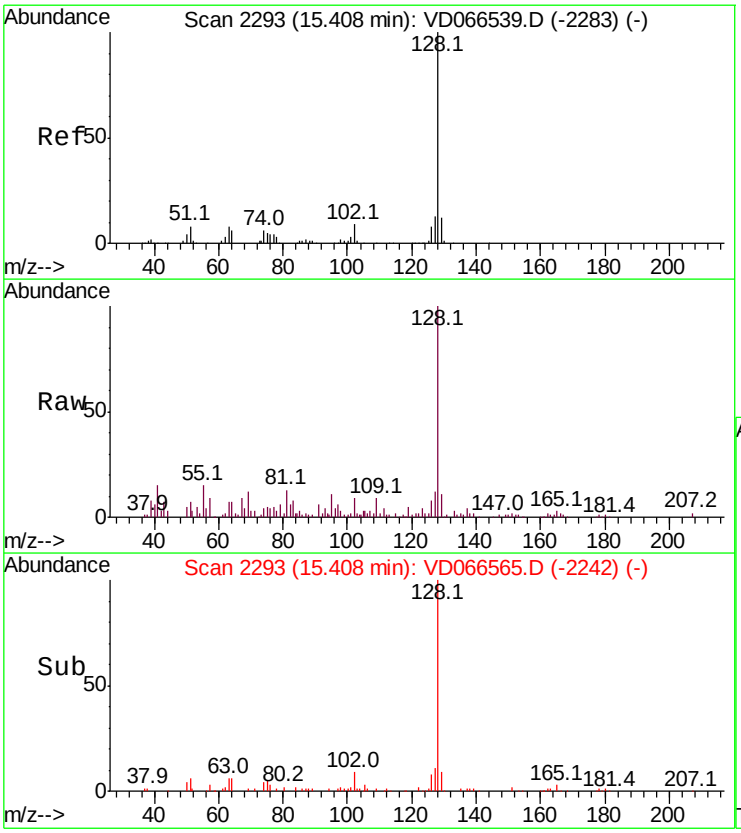
#86
p-Isopropyltoluene
Concen: 7.561 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Instrument :
MSVOA_D
ClientSampleId :
1495-96

Tgt Ion:119 Resp: 10953

Ion	Ratio	Lower	Upper
119	100		
134	31.8	12.7	38.0
91	25.2	12.5	37.5





#95
Naphthalene
Concen: 171.714 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066565.D
Acq: 04 Sep 2020 16:12

Tgt Ion:128 Resp: 113229

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.7	16.1
129	12.2	9.1	13.7