Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(0.5-1.0)

Quant Time: May 23 04:43:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	609867	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	871330	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	547310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	119525	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	332854	50.99	ug/l	-0.02
Spiked Amount 50.000			Recovery = 101.98%			
35) Dibromofluoromethane	6.91	113	364459	46.37	ug/l	-0.03
Spiked Amount 50.000			Recovery = 92.74%			
50) Toluene-d8	10.41	98	1193454	69.38	ug/l	-0.02
Spiked Amount 50.000			Recovery = 138.76%			
62) 4-Bromofluorobenzene	13.55	95	505279	67.15	ug/l	-0.02
Spiked Amount 50.000			Recovery = 134.30%			
Target Compounds						Qvalue
31) Cyclohexane	6.99	56	4934851	800.600	ug/l #	44
39) Methylcyclohexane	8.87	83	5636692	820.359	ug/l #	86
52) Toluene	10.50	92	125513	11.220	ug/l	97
67) Ethyl Benzene	12.53	91	531011	29.291	ug/l	95
68) m/p-Xylenes	12.68	106	144089	22.142	ug/l #	64
73) Isopropylbenzene	13.41	105	2692096	357.321	ug/l	96
78) n-propylbenzene	13.78	91	3088973	353.955	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	200074	30.670	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	79520	11.896	ug/l	92
85) sec-Butylbenzene	14.37	105	643280	85.258	ug/l	84
86) p-Isopropyltoluene	14.50	119	235517	34.445	ug/l #	36
89) n-Butylbenzene	14.80	91	1387889	210.324	ug/l	86
95) Naphthalene	16.12	128	137771	39.900	ug/l	100

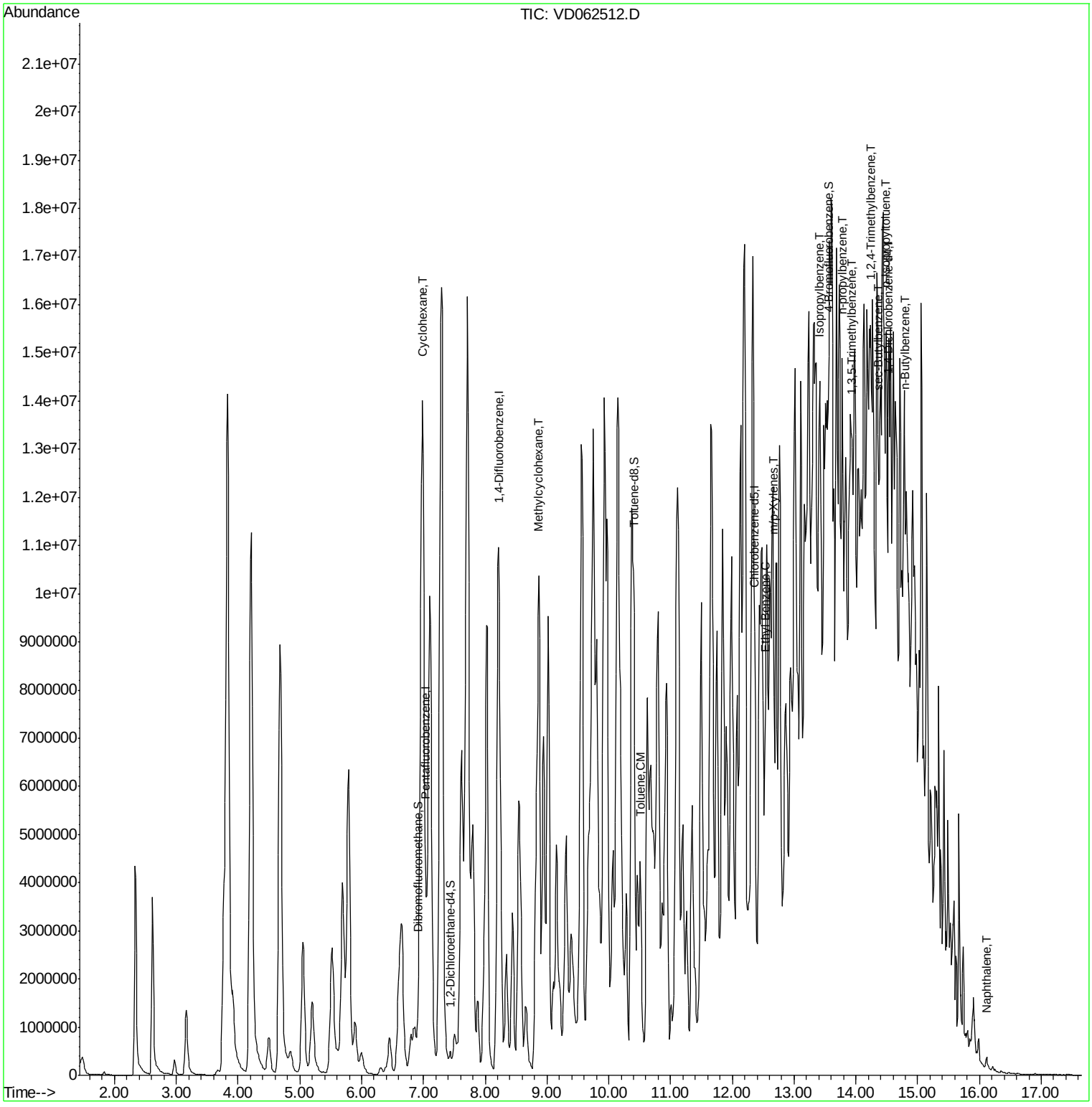
(#) = qualifier out of range (m) = manual integration (+) = signals summed

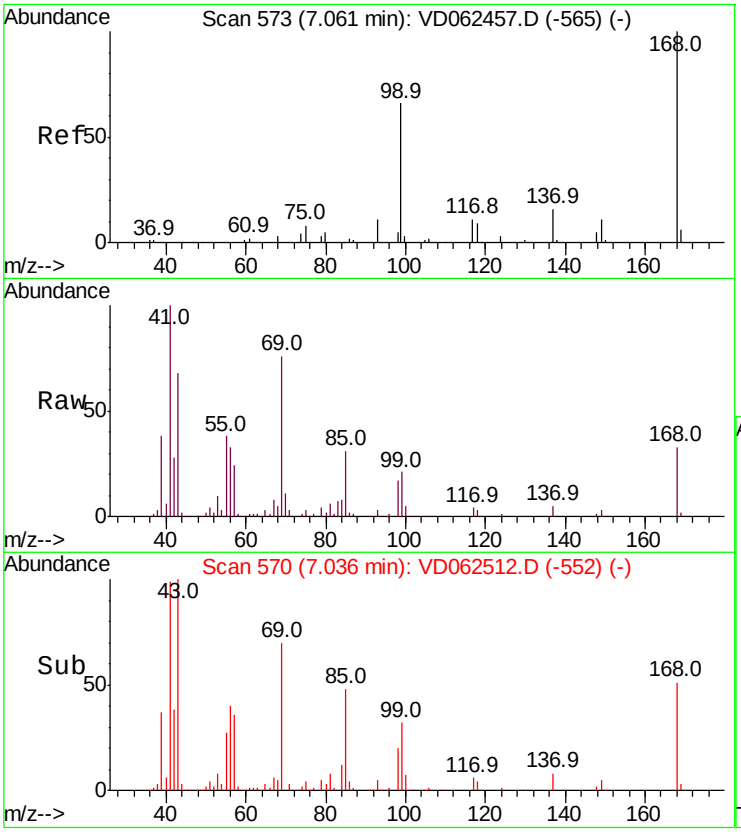
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P-10(0.5-1.0)

Quant Time: May 23 04:43:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration



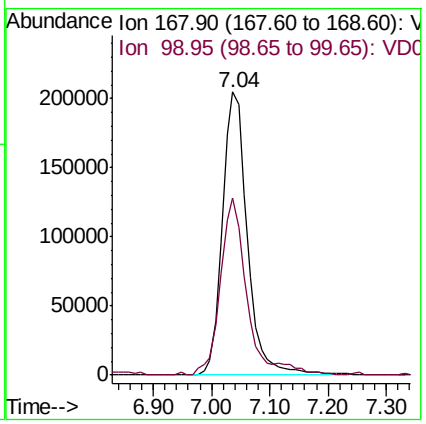


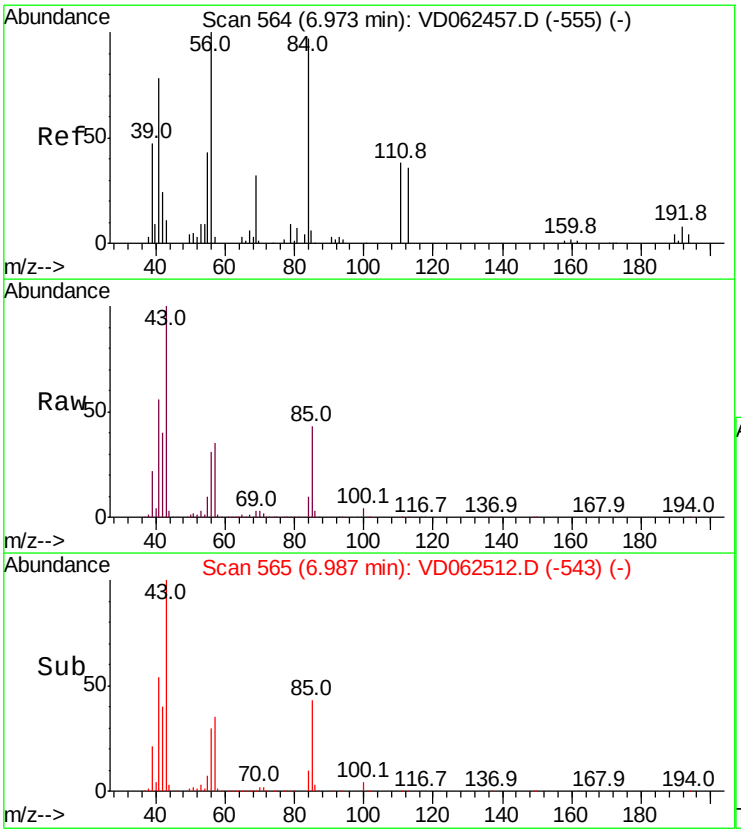
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.02 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Instrument :
MSVOA_D
ClientSampleId :
P-10(0.5-1.0)

Tgt Ion:168 Resp: 609867

Ion	Ratio	Lower	Upper
168	100		
99	62.4	46.5	69.7

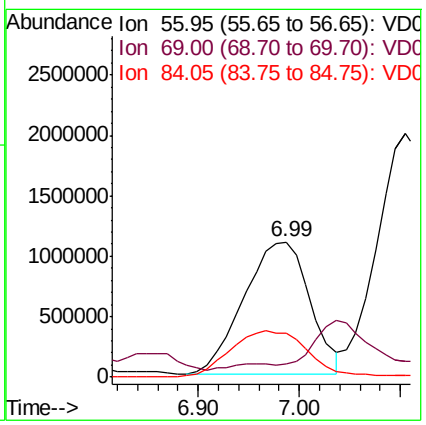


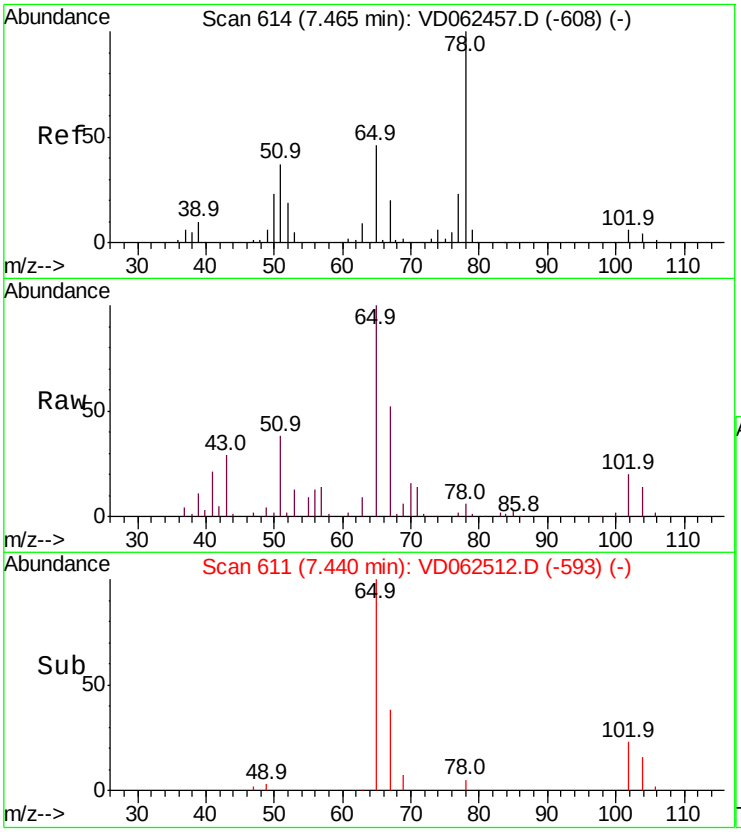


#31
Cyclohexane
Concen: 800.600 ug/l
RT: 6.99 min Scan# 565
Delta R.T. 0.01 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Tgt Ion: 56 Resp: 4934851

Ion	Ratio	Lower	Upper
56	100		
69	9.6	25.8	38.6#
84	32.6	72.2	108.4#



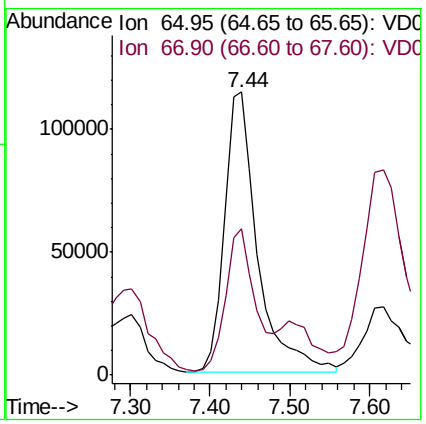


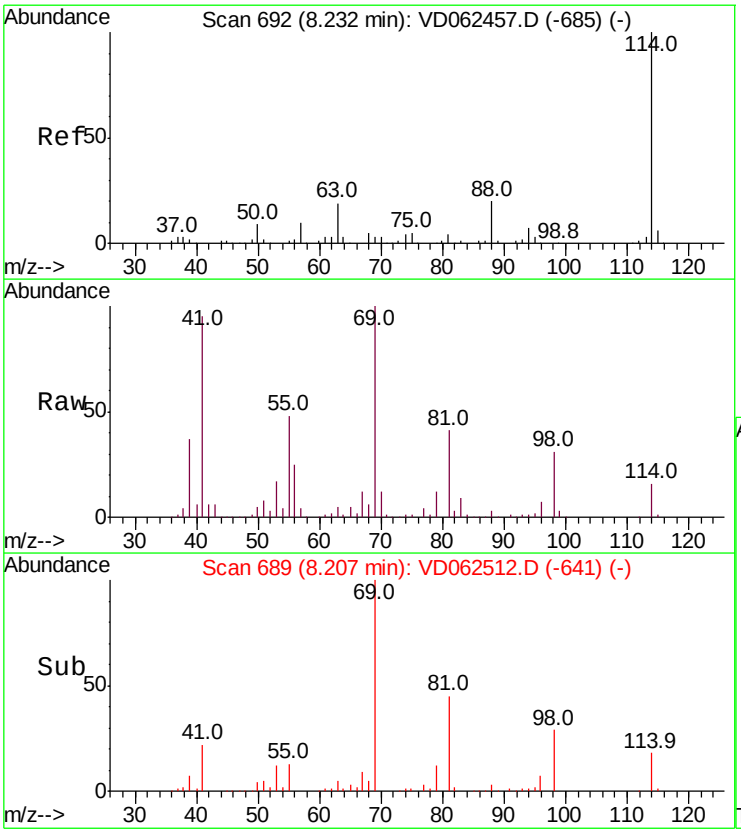
#33
1,2-Dichloroethane-d4
Concen: 50.987 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Instrument :
MSVOA_D
ClientSampleId :
P-10(0.5-1.0)

Tgt Ion: 65 Resp: 332854

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	98.0

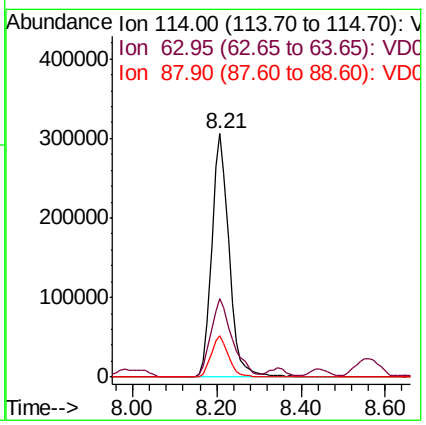


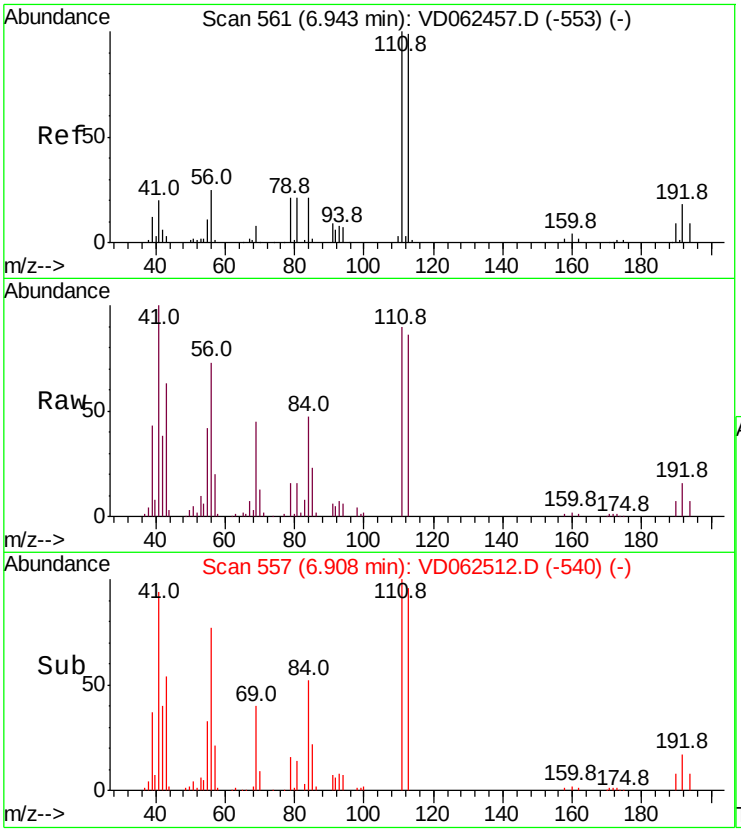


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. -0.02 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Tgt Ion:114 Resp: 871330

Ion	Ratio	Lower	Upper
114	100		
63	32.2	0.0	32.4
88	17.1	0.0	33.6



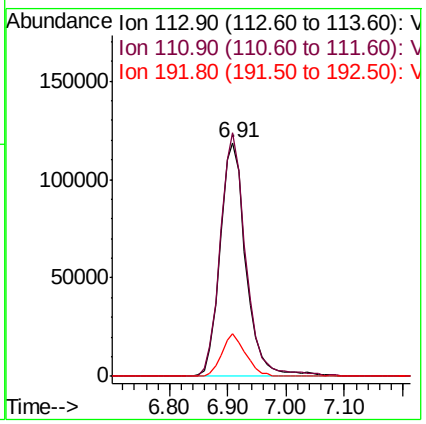


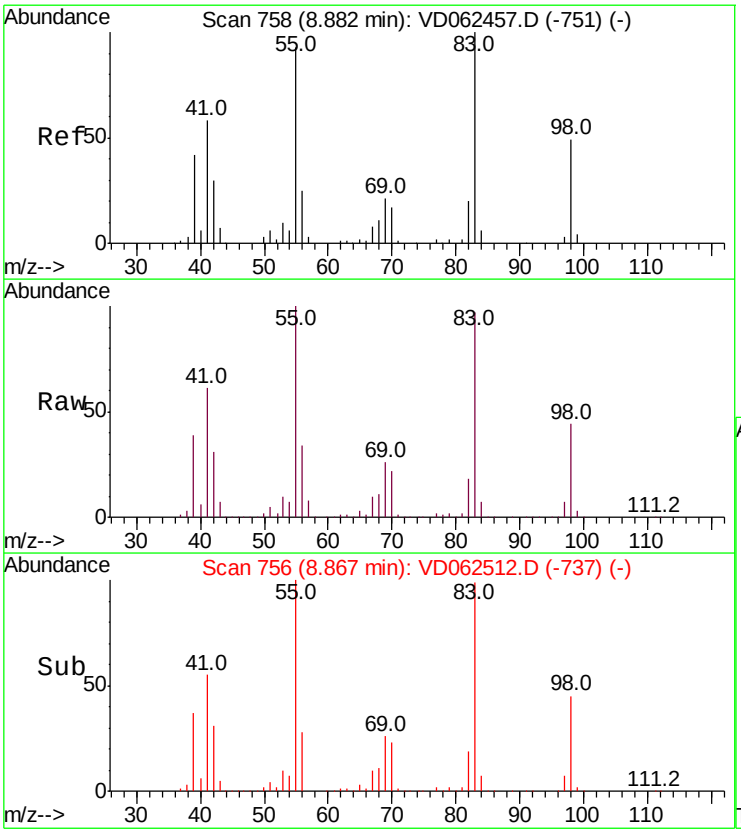
#35
Dibromofluoromethane
Concen: 46.366 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.03 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Instrument :
MSVOA_D
ClientSampleId :
P-10(0.5-1.0)

Tgt Ion:113 Resp: 364459

Ion	Ratio	Lower	Upper
113	100		
111	104.3	78.5	117.7
192	18.0	13.0	19.4

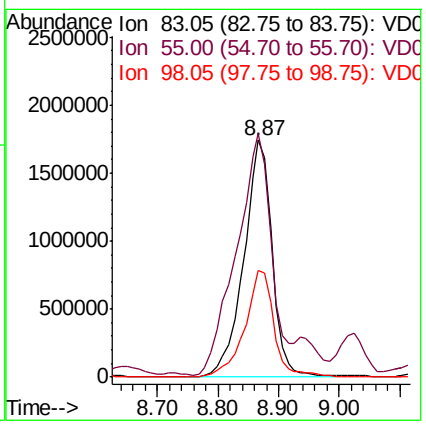


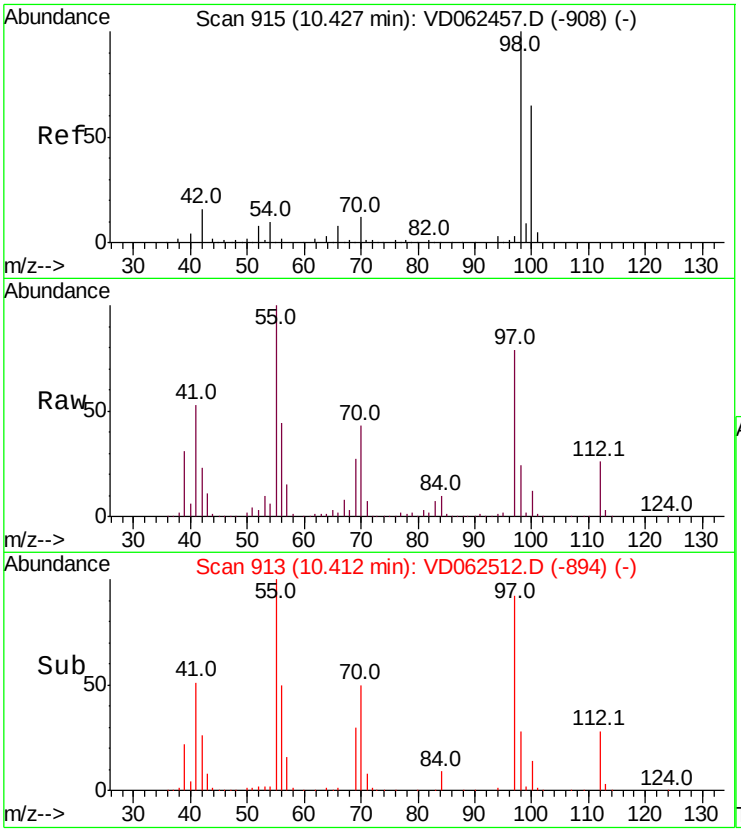


#39
Methylcyclohexane
Concen: 820.359 ug/l
RT: 8.87 min Scan# 756
Delta R.T. -0.02 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Tgt Ion: 83 Resp: 5636692

Ion	Ratio	Lower	Upper
83	100		
55	102.8	68.2	102.4#
98	45.1	38.2	57.4



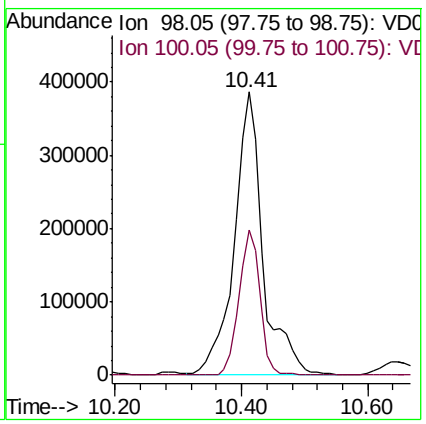


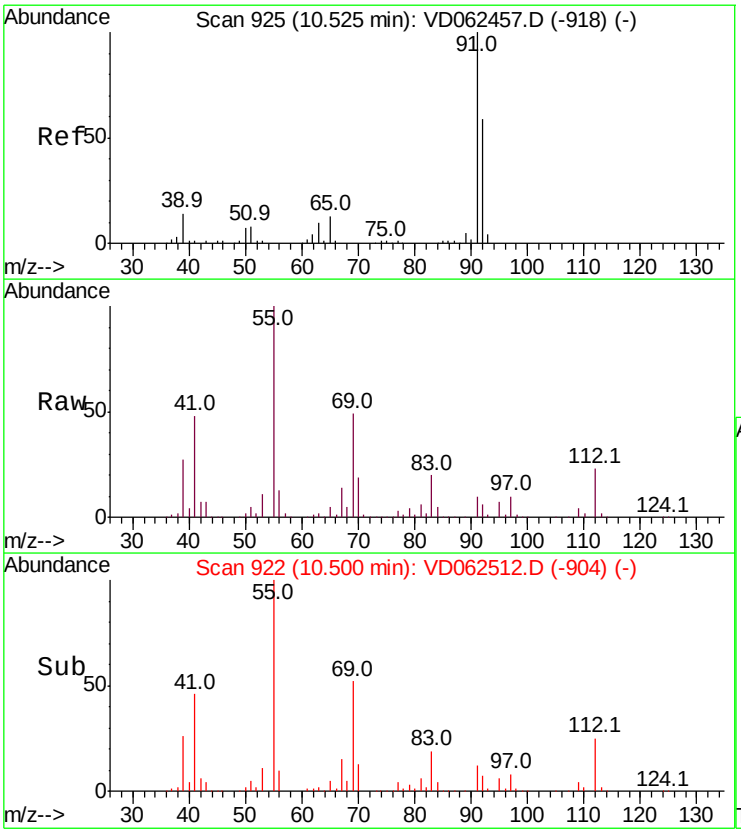
#50
Toluene-d8
Concen: 69.380 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.02 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Instrument :
MSVOA_D
ClientSampleId :
P-10(0.5-1.0)

Tgt Ion: 98 Resp: 1193454

Ion	Ratio	Lower	Upper
98	100		
100	51.5	53.8	80.8#

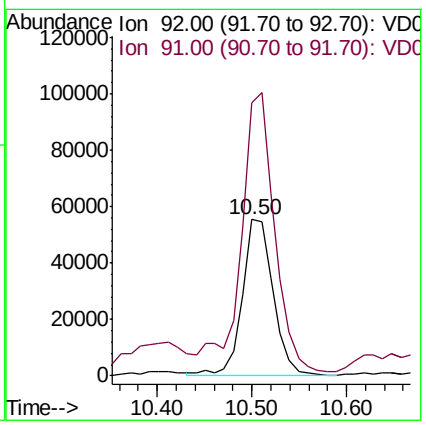


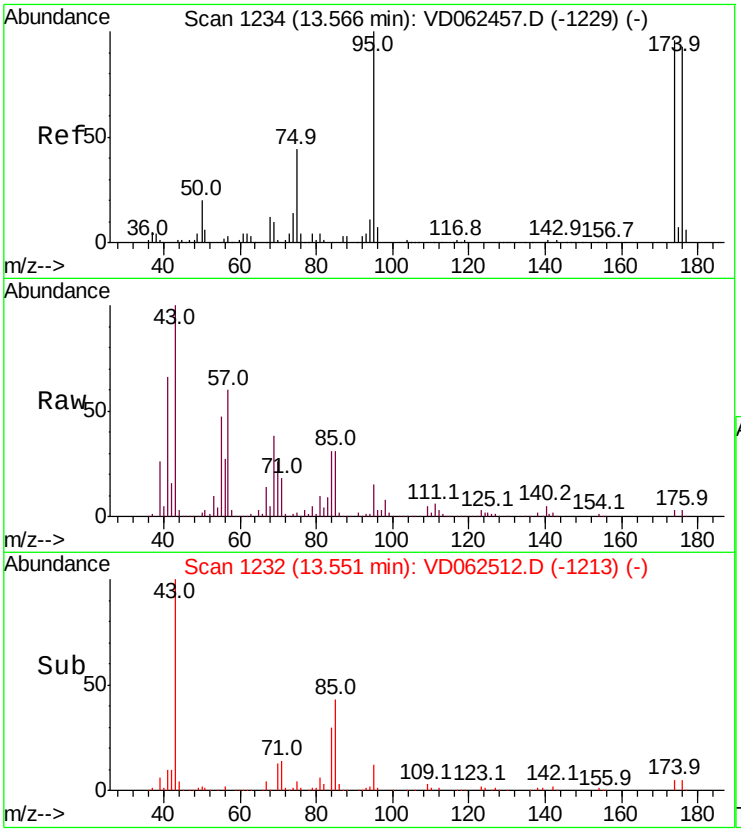


#52
Toluene
Concen: 11.220 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.03 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Tgt Ion: 92 Resp: 125513

Ion	Ratio	Lower	Upper
92	100		
91	175.2	136.6	204.8



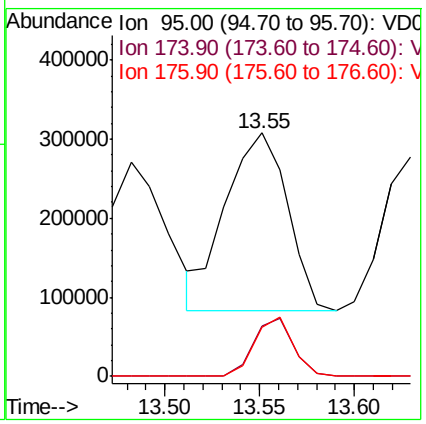


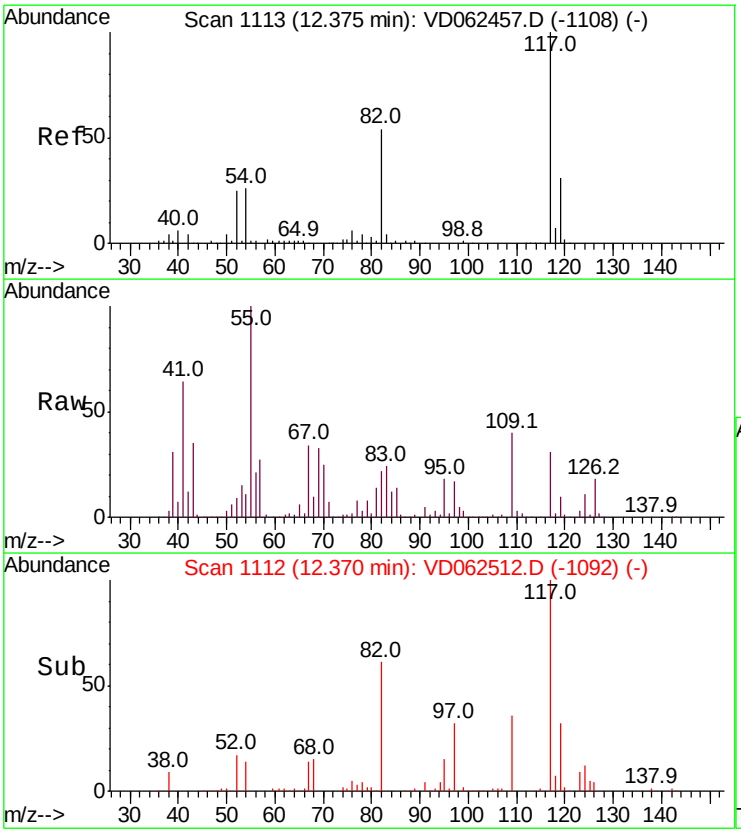
#62
4-Bromofluorobenzene
Concen: 67.150 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Instrument :
MSVOA_D
ClientSampleId :
P-10(0.5-1.0)

Tgt Ion: 95 Resp: 505279

Ion	Ratio	Lower	Upper
95	100		
174	20.5	0.0	181.8
176	20.4	0.0	174.4

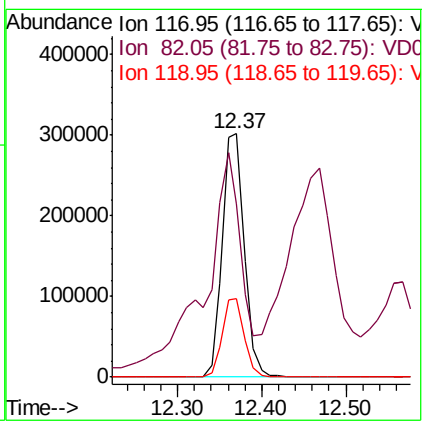


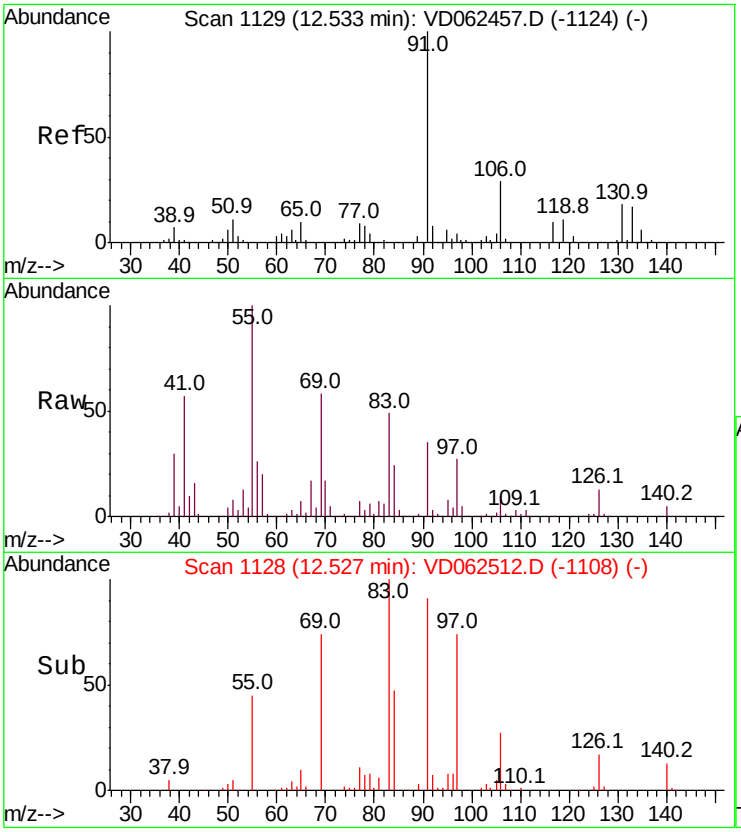


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Tgt Ion:117 Resp: 547310

Ion	Ratio	Lower	Upper
117	100		
82	71.2	36.2	54.2#
119	32.2	26.2	39.4



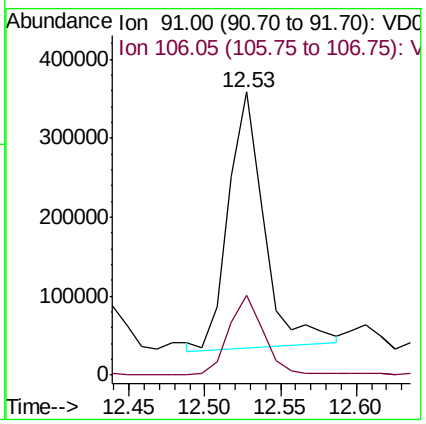


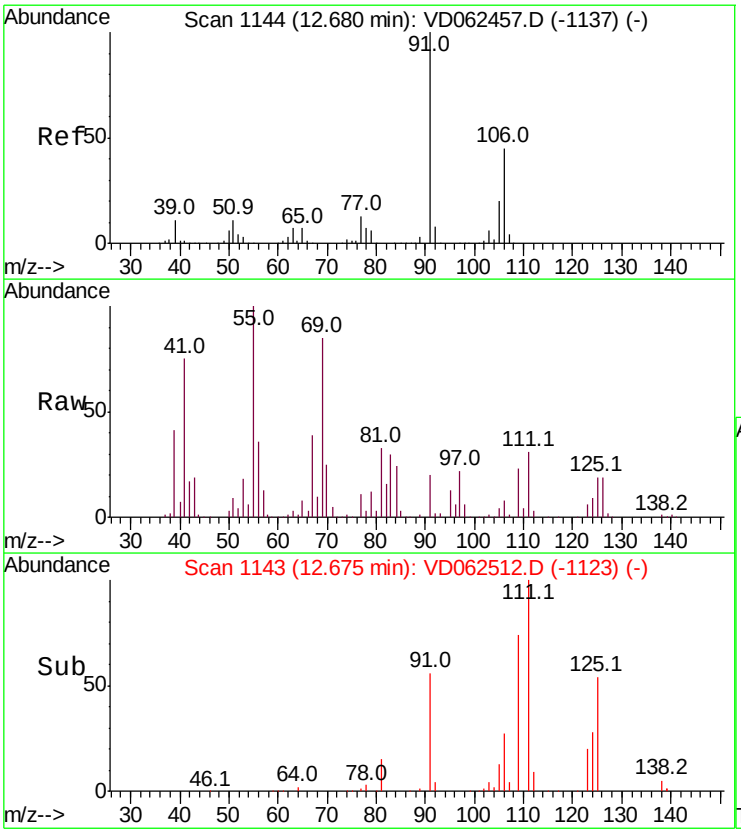
#67
Ethyl Benzene
Concen: 29.291 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Instrument : MSVOA_D
ClientSampleId : P-10(0.5-1.0)

Tgt Ion: 91 Resp: 531011

Ion	Ratio	Lower	Upper
91	100		
106	28.4	24.7	37.1

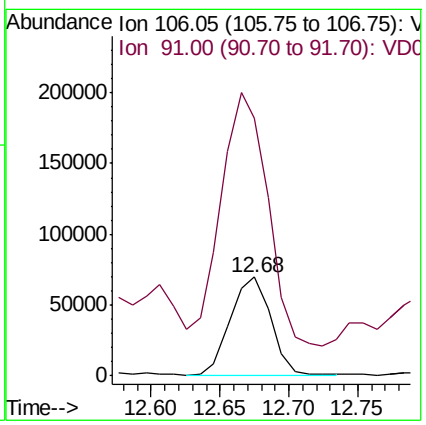


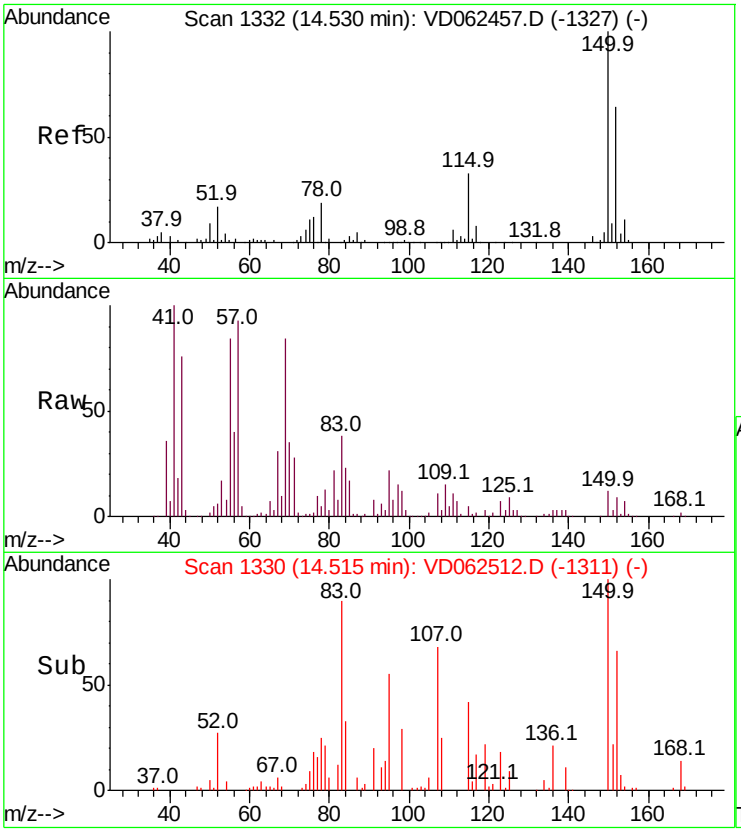


#68
m/p-Xylenes
Concen: 22.142 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Tgt Ion:106 Resp: 144089

Ion	Ratio	Lower	Upper
106	100		
91	260.6	164.0	246.0#



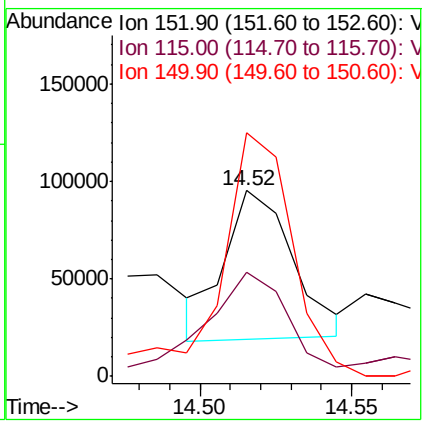


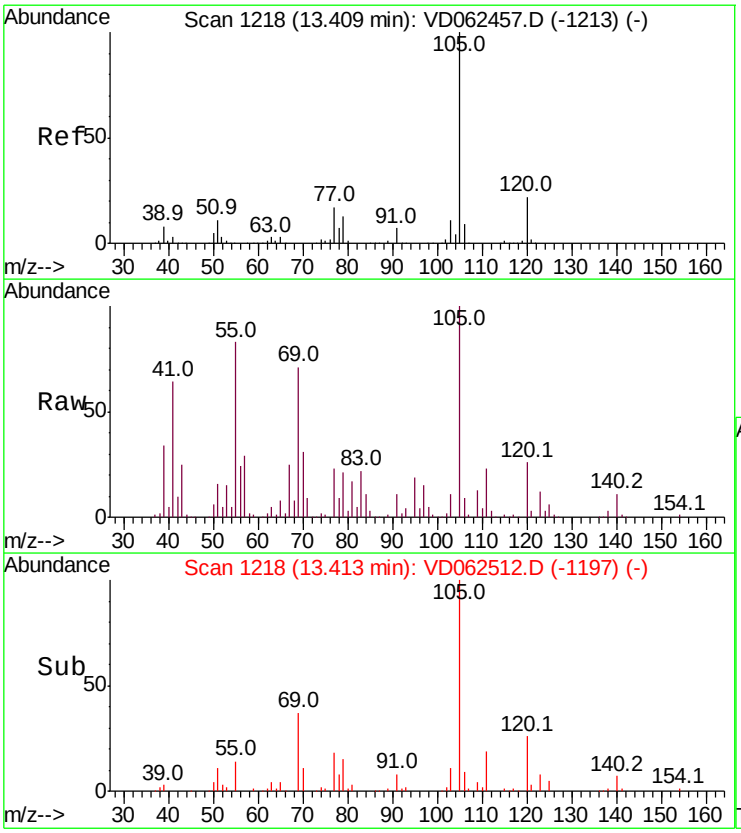
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Instrument :
MSVOA_D
ClientSampleId :
P-10(0.5-1.0)

Tgt Ion:152 Resp: 119525

Ion	Ratio	Lower	Upper
152	100		
115	56.0	30.9	92.7
150	131.0	0.0	314.8

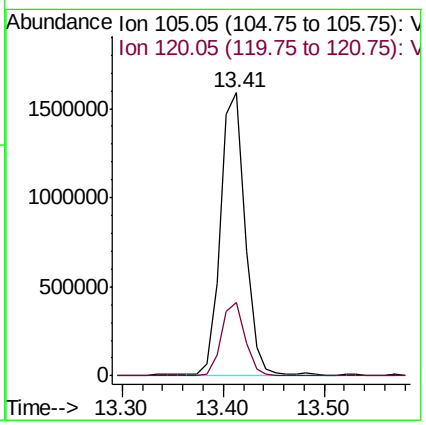


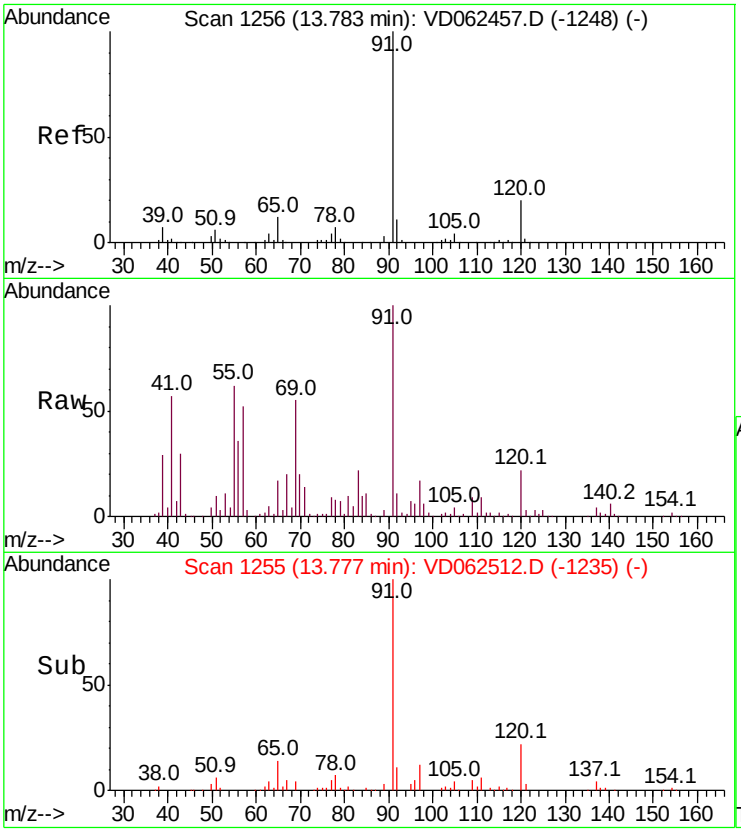


#73
Isopropylbenzene
Concen: 357.321 ug/l
RT: 13.41 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Tgt Ion:105 Resp: 2692096

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.0	36.1



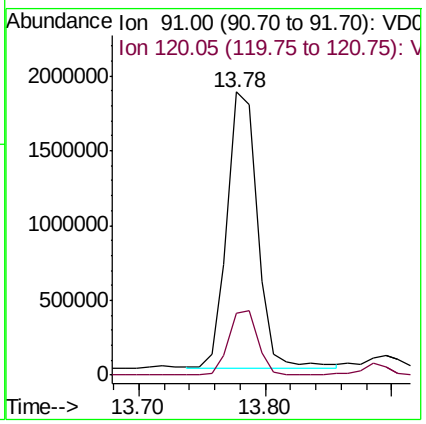


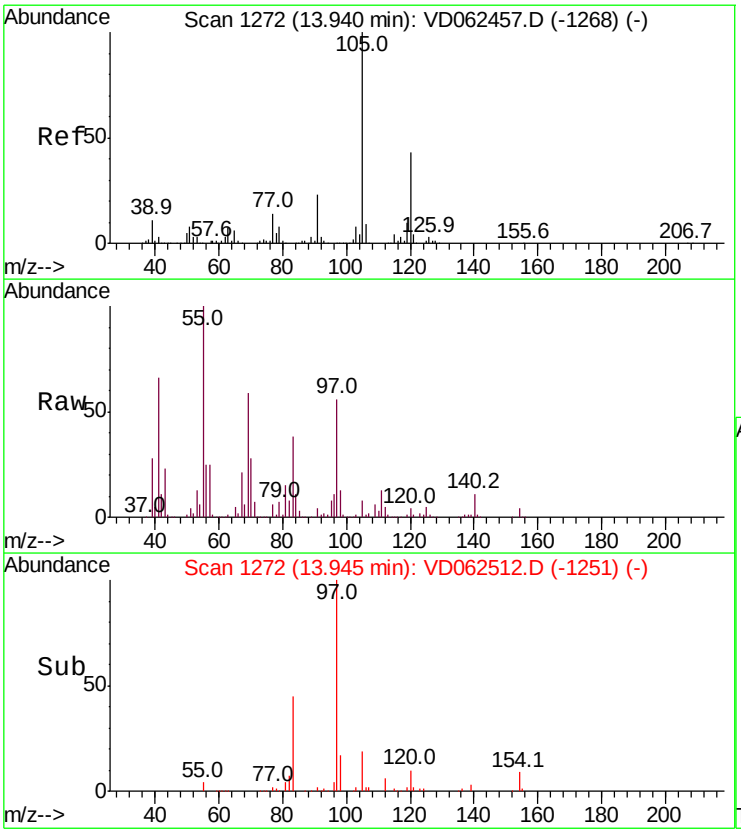
#78
n-propylbenzene
Concen: 353.955 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. -0.01 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Instrument :
MSVOA_D
ClientSampleId :
P-10(0.5-1.0)

Tgt Ion: 91 Resp: 3088973

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.1	33.1

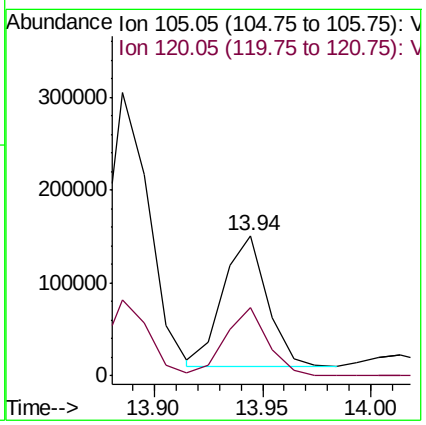


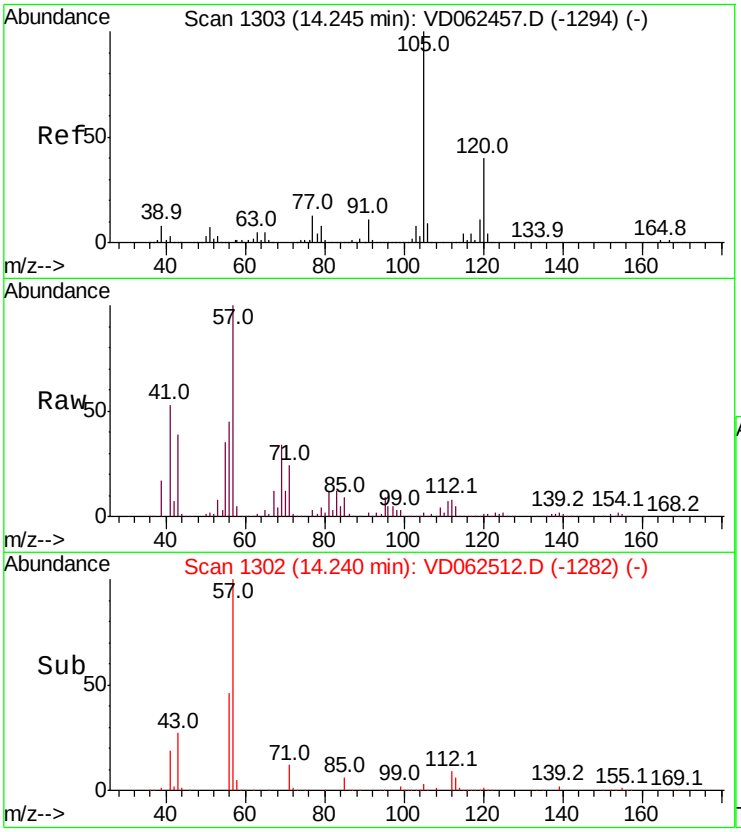


#80
1,3,5-Trimethylbenzene
Concen: 30.670 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Tgt Ion:105 Resp: 200074

Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.0	72.0



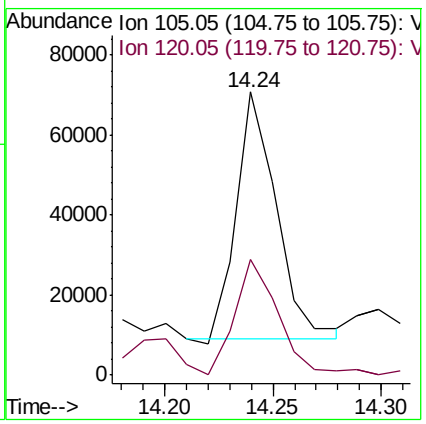


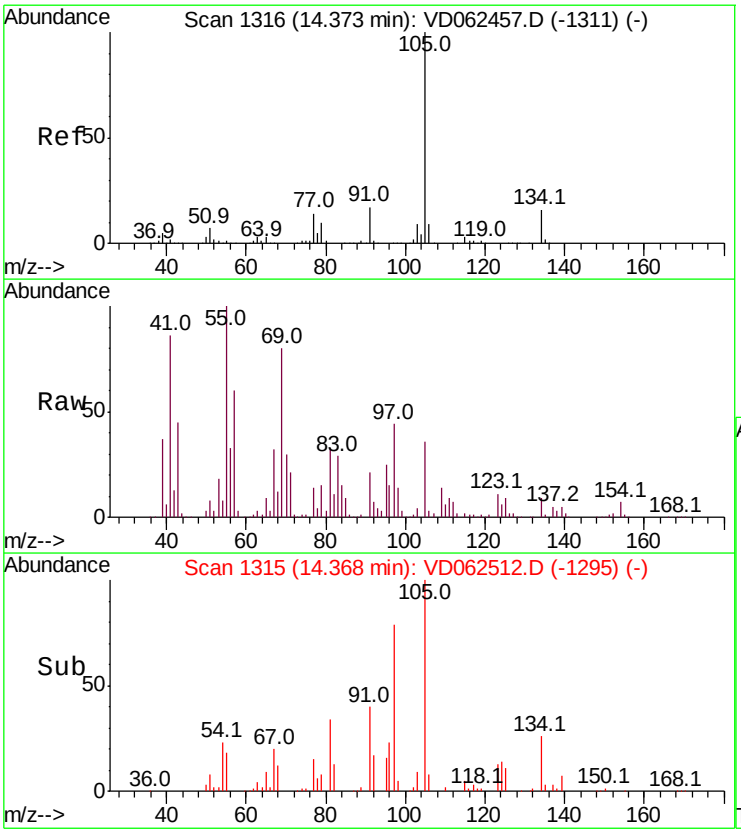
#84
1,2,4-Trimethylbenzene
Concen: 11.896 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. -0.01 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Instrument :
MSVOA_D
ClientSampleId :
P-10(0.5-1.0)

Tgt Ion:105 Resp: 79520

Ion	Ratio	Lower	Upper
105	100		
120	40.8	23.1	69.2

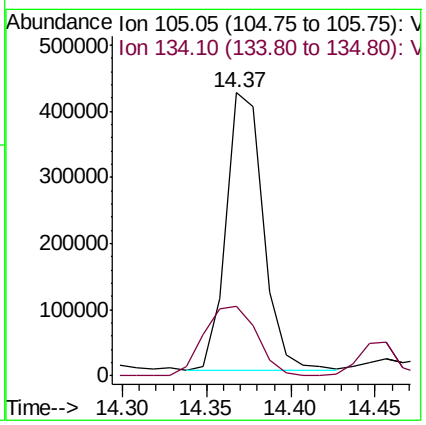


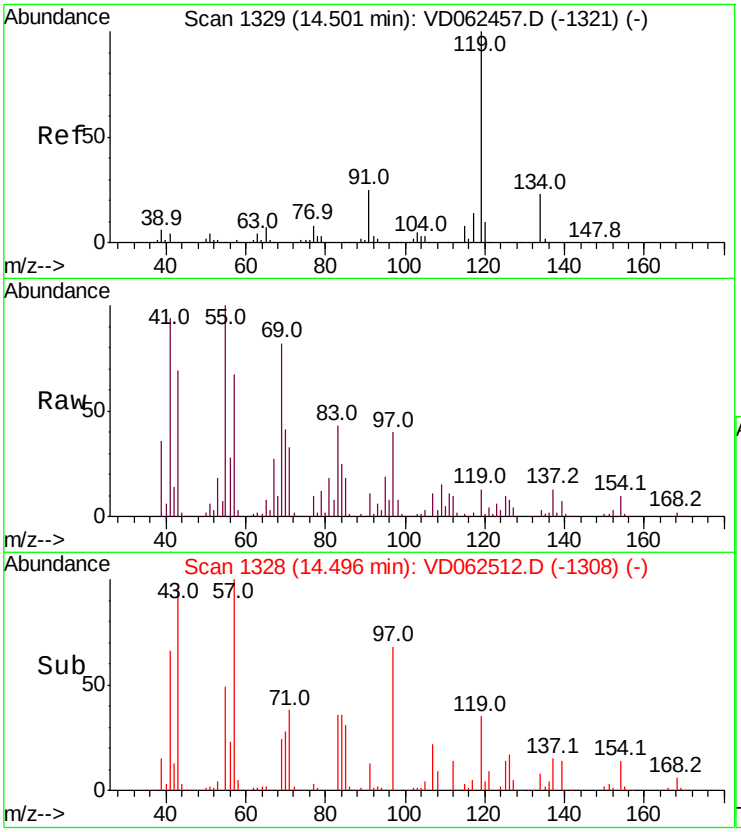


#85
sec-Butylbenzene
Concen: 85.258 ug/l
RT: 14.37 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Tgt Ion:105 Resp: 643280

Ion	Ratio	Lower	Upper
105	100		
134	24.7	8.9	26.7



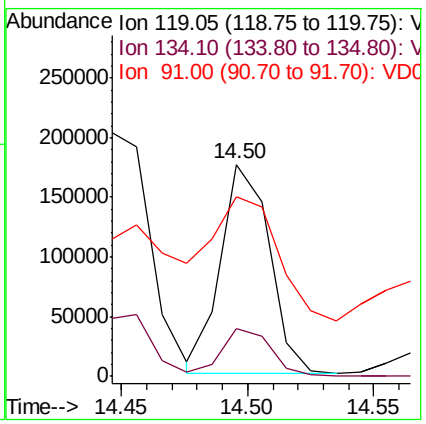


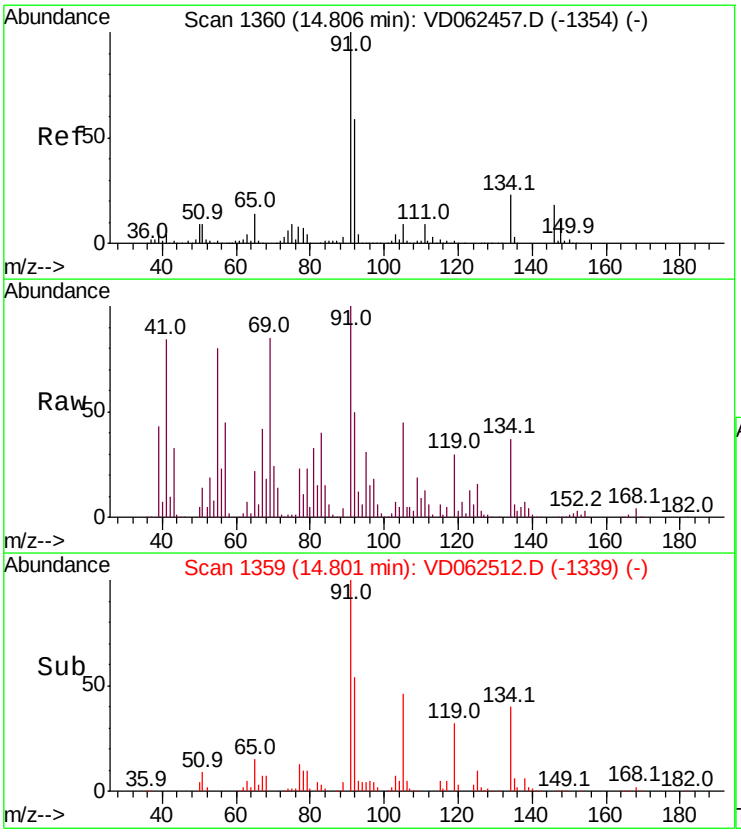
#86
p-Isopropyltoluene
Concen: 34.445 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.01 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Instrument :
MSVOA_D
ClientSampleId :
P-10(0.5-1.0)

Tgt Ion:119 Resp: 235517

Ion	Ratio	Lower	Upper
119	100		
134	22.6	12.8	38.3
91	84.8	10.7	32.1#

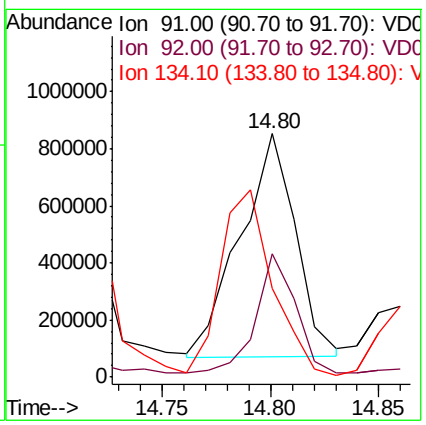


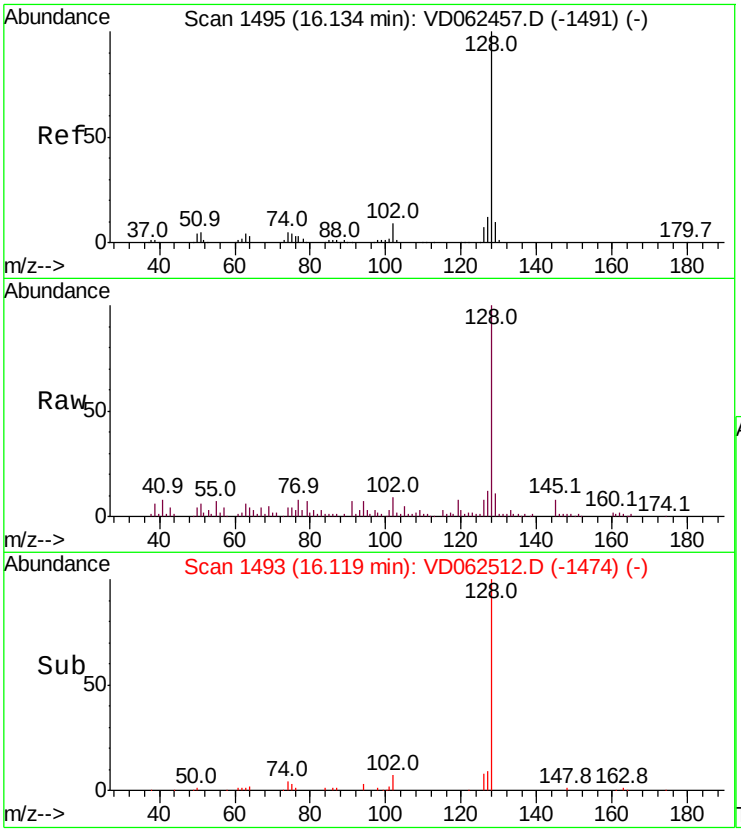


#89
n-Butylbenzene
Concen: 210.324 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. -0.01 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Tgt Ion: 91 Resp: 1387889

Ion	Ratio	Lower	Upper
91	100		
92	50.5	30.3	91.0
134	36.7	14.5	43.6





#95
Naphthalene
Concen: 39.900 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.02 min
Lab File: VD062512.D
Acq: 22 May 2019 19:29

Instrument :
MSVOA_D
ClientSampleId :
P-10(0.5-1.0)

Tgt Ion:128 Resp: 137771

Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.8	14.8
129	10.8	8.8	13.2