Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080119\
Data File : VD063292.D
Acq On : 1 Aug 2019 15:08
Operator : VA/AP
Sample : K4120-02
Misc : 5.20g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : T1-2

Quant Time: Aug 02 07:52:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.04	168	1023134	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.21	114	1445655	50.00	ug/l		0.00
63) Chlorobenzene-d5	12.36	117	1010567	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	361563	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.45	65	426298	37.55	ug/l		0.00
Spiked Amount 50.000			Recovery =	75.10%			
35) Dibromofluoromethane	6.92	113	499688	40.48	ug/l		0.00
Spiked Amount 50.000			Recovery =	80.96%			
50) Toluene-d8	10.40	98	1065565	38.58	ug/l		0.00
Spiked Amount 50.000			Recovery =	77.16%			
62) 4-Bromofluorobenzene	13.55	95	348557	27.69	ug/l		0.00
Spiked Amount 50.000			Recovery =	55.38%			
Target Compounds							Qvalue
16) Acetone	3.22	43	24714	11.173	ug/l	#	92
39) Methylcyclohexane	8.84	83	37340	3.397	ug/l	#	77
40) Benzene	7.45	78	958443	34.662	ug/l		96
52) Toluene	10.50	92	24454	1.330	ug/l		99
67) Ethyl Benzene	12.52	91	755992	22.895	ug/l		99
68) m/p-Xylenes	12.67	106	32691	2.700	ug/l		99
73) Isopropylbenzene	13.39	105	91593	4.036	ug/l		98
78) n-propylbenzene	13.77	91	193648	7.171	ug/l		99
85) sec-Butylbenzene	14.36	105	42497	1.805	ug/l		91
89) n-Butylbenzene	14.79	91	88008	4.534	ug/l		98
95) Naphthalene	16.12	128	63814	5.706	ug/l	#	96

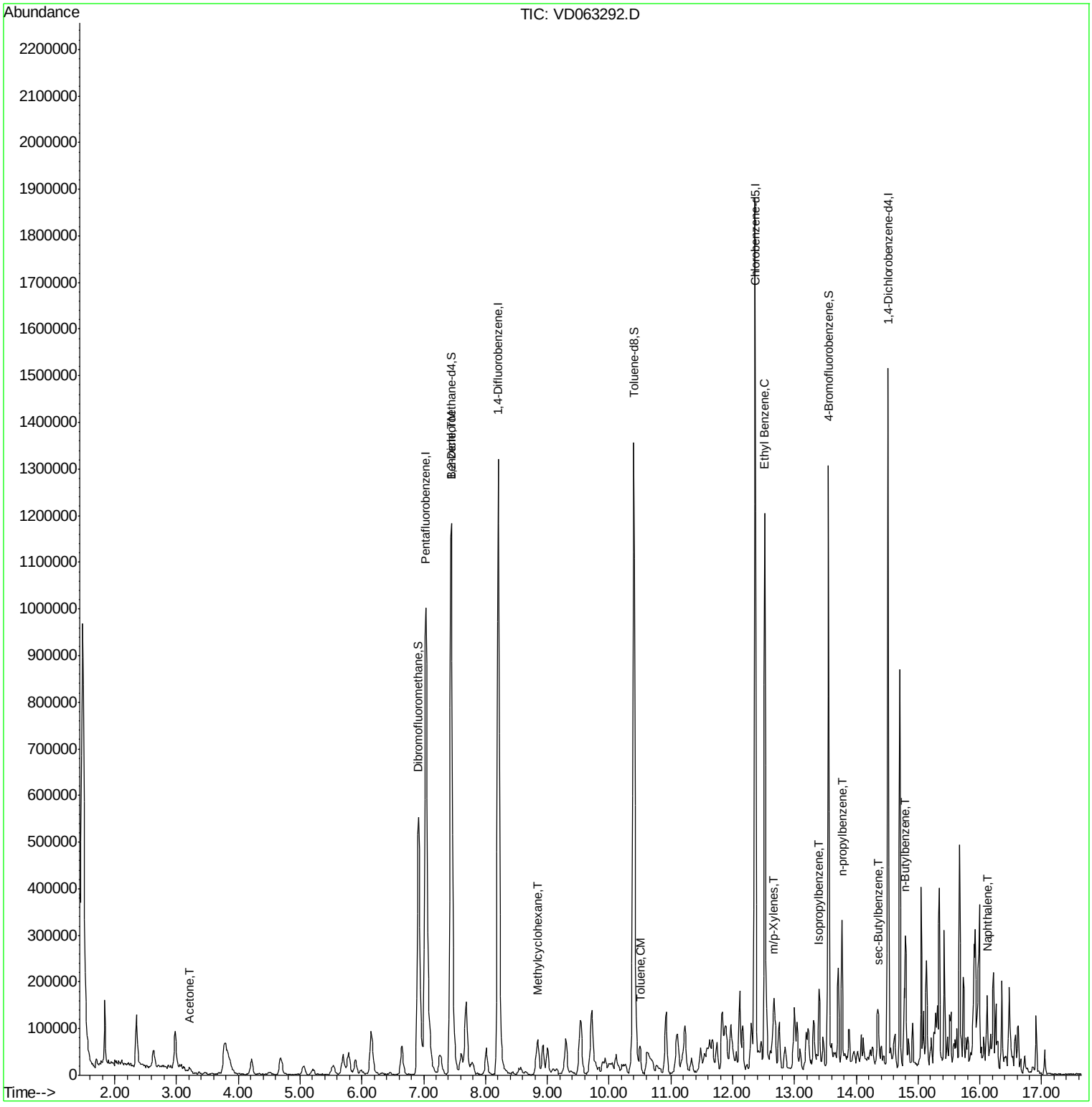
(#) = qualifier out of range (m) = manual integration (+) = signals summed

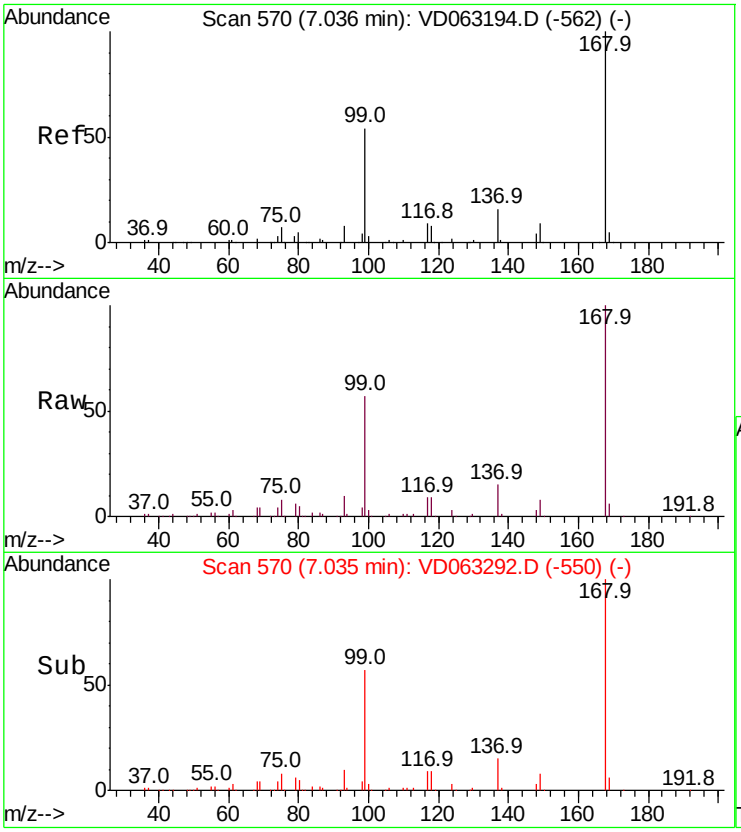
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080119\
Data File : VD063292.D
Acq On : 1 Aug 2019 15:08
Operator : VA/AP
Sample : K4120-02
Misc : 5.20g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : T1-2

Quant Time: Aug 02 07:52:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration



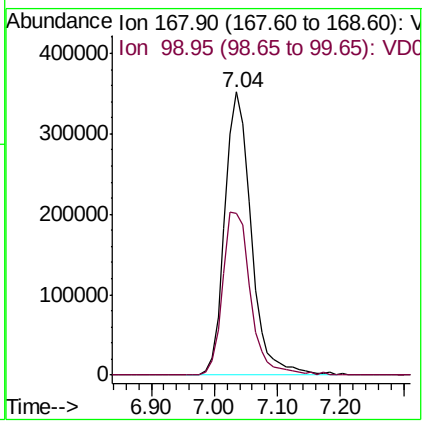


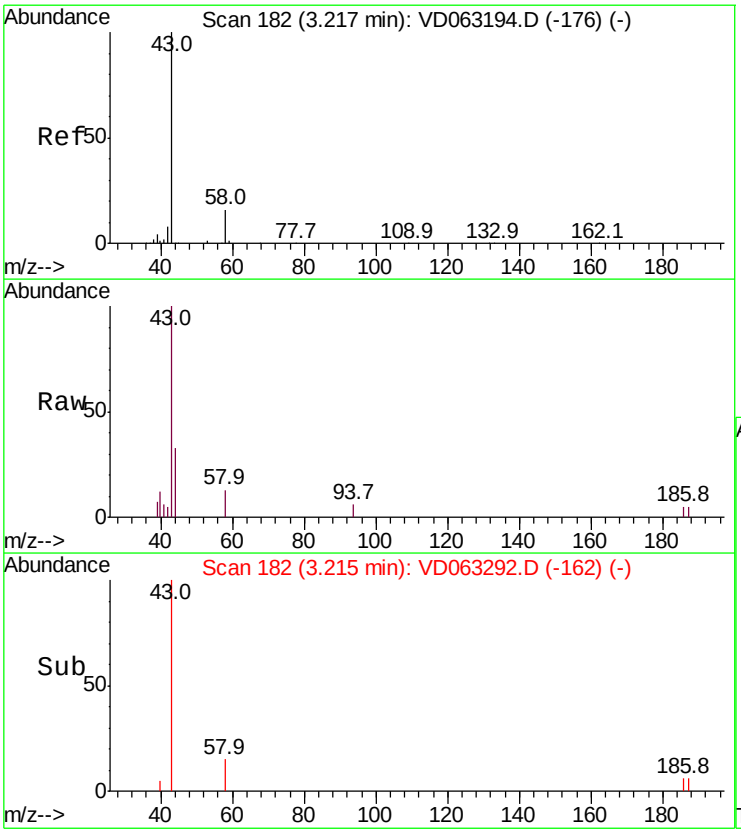
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Instrument :
MSVOA_D
ClientSampleId :
T1-2

Tgt Ion:168 Resp: 1023134

Ion	Ratio	Lower	Upper
168	100		
99	57.2	43.7	65.5

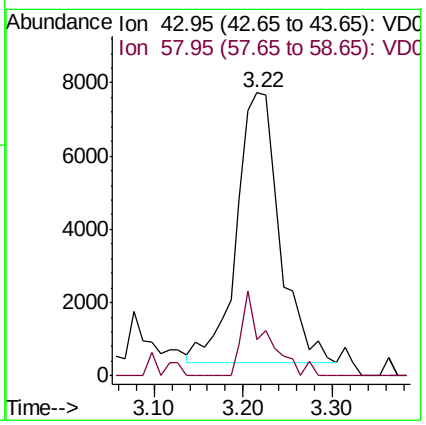


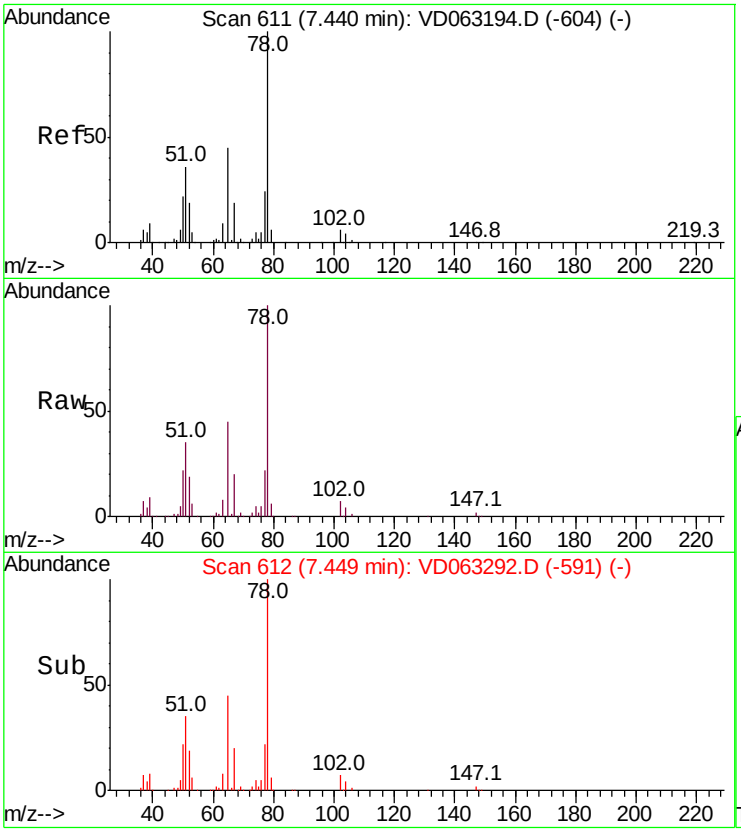


#16
Acetone
Concen: 11.173 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Tgt Ion: 43 Resp: 24714

Ion	Ratio	Lower	Upper
43	100		
58	12.7	13.0	19.4#



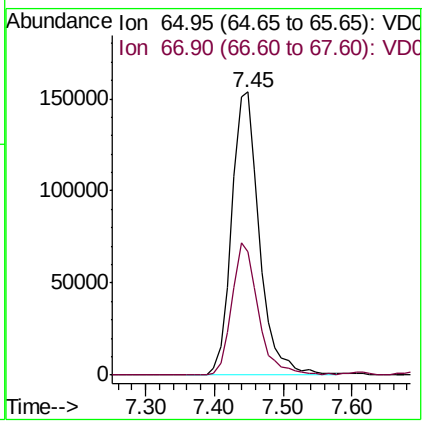


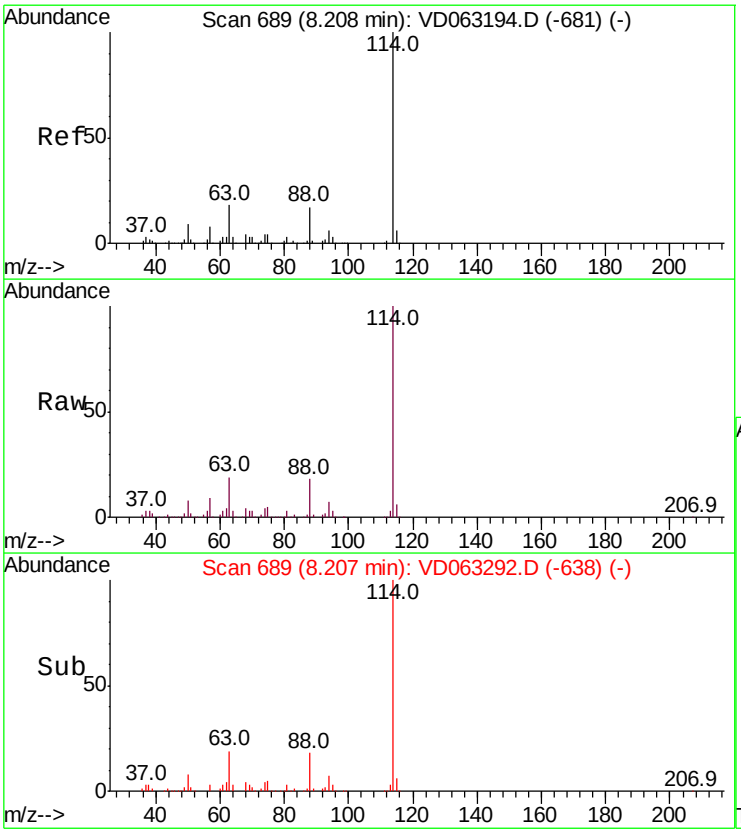
#33
1,2-Dichloroethane-d4
Concen: 37.551 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Instrument : MSVOA_D
ClientSampleId : T1-2

Tgt Ion: 65 Resp: 426298

Ion	Ratio	Lower	Upper
65	100		
67	43.7	0.0	85.8

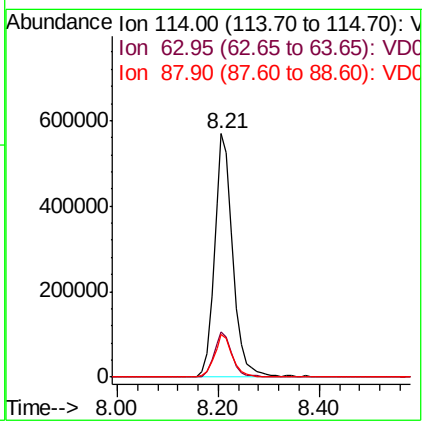


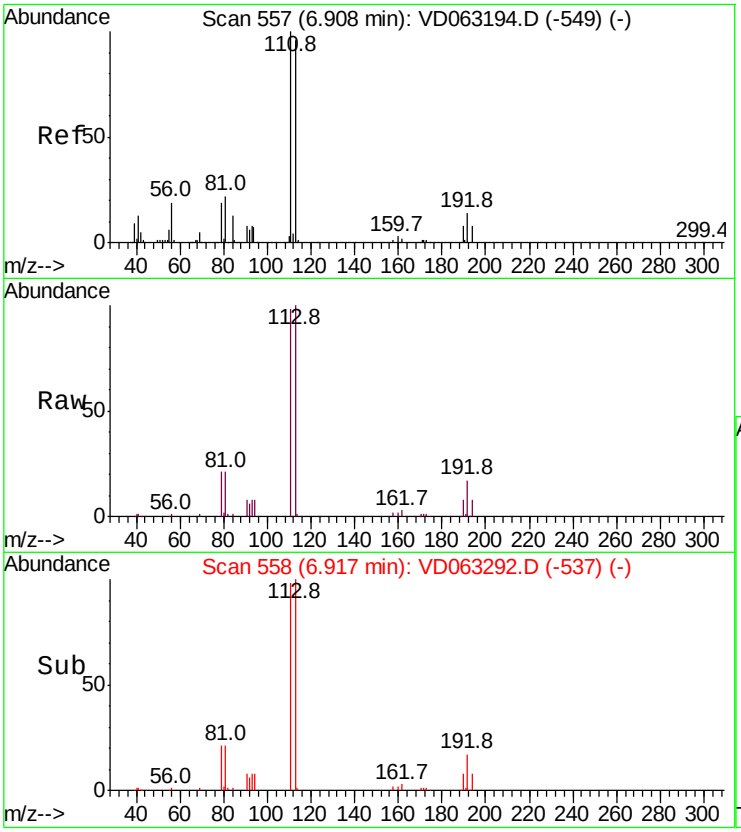


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Tgt Ion:114 Resp: 1445655

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	35.2
88	17.6	0.0	34.6



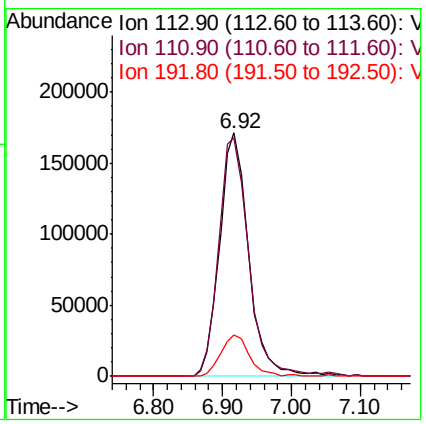


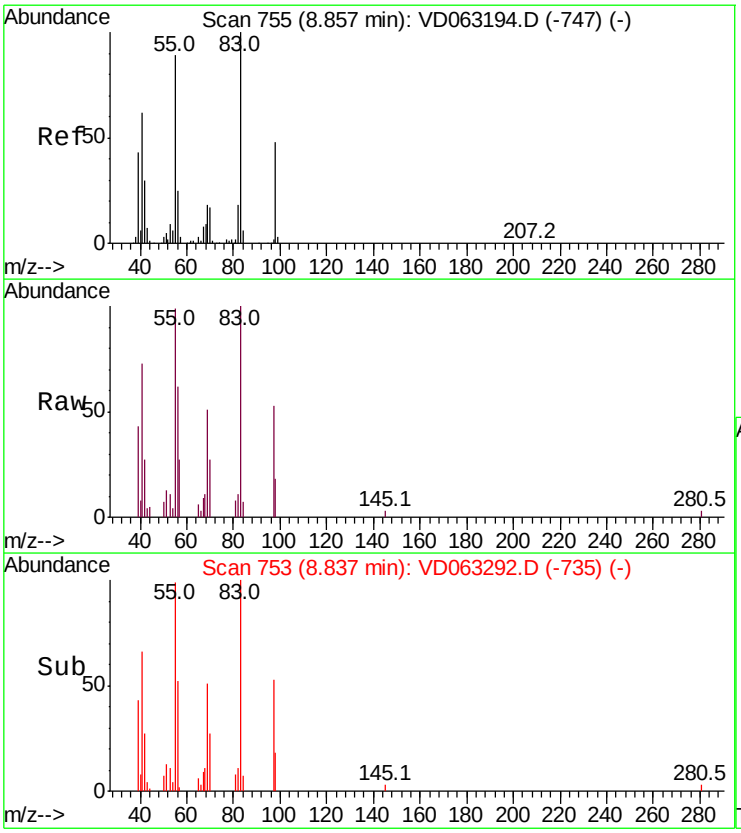
#35
Dibromofluoromethane
Concen: 40.484 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.01 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Instrument :
MSVOA_D
ClientSampleId :
T1-2

Tgt Ion:113 Resp: 499688

Ion	Ratio	Lower	Upper
113	100		
111	98.1	83.2	124.8
192	17.2	11.8	17.8

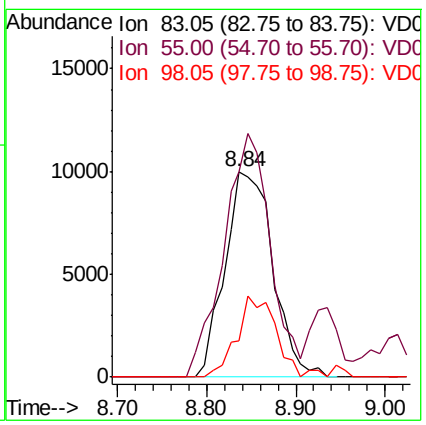


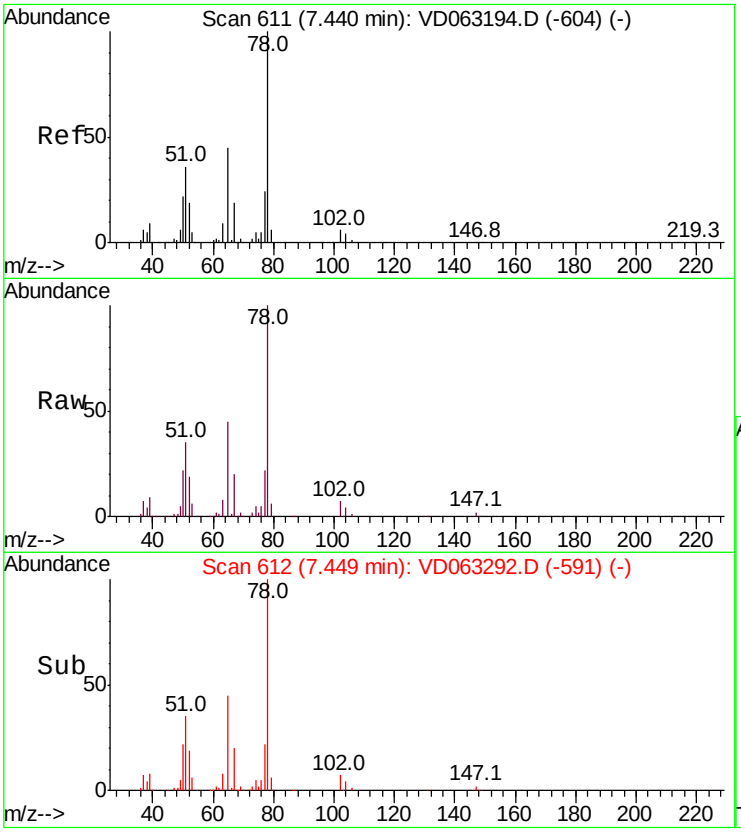


#39
Methylcyclohexane
Concen: 3.397 ug/l
RT: 8.84 min Scan# 753
Delta R.T. -0.02 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Tgt Ion: 83 Resp: 37340

Ion	Ratio	Lower	Upper
83	100		
55	99.5	71.1	106.7
98	17.6	38.5	57.7#



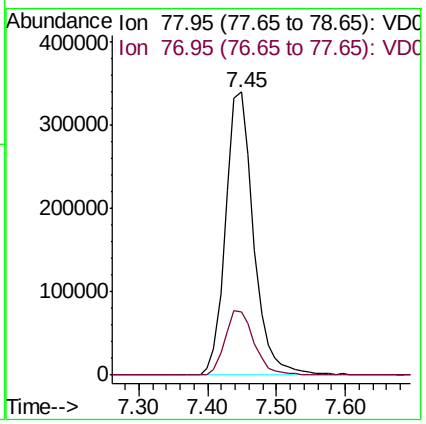


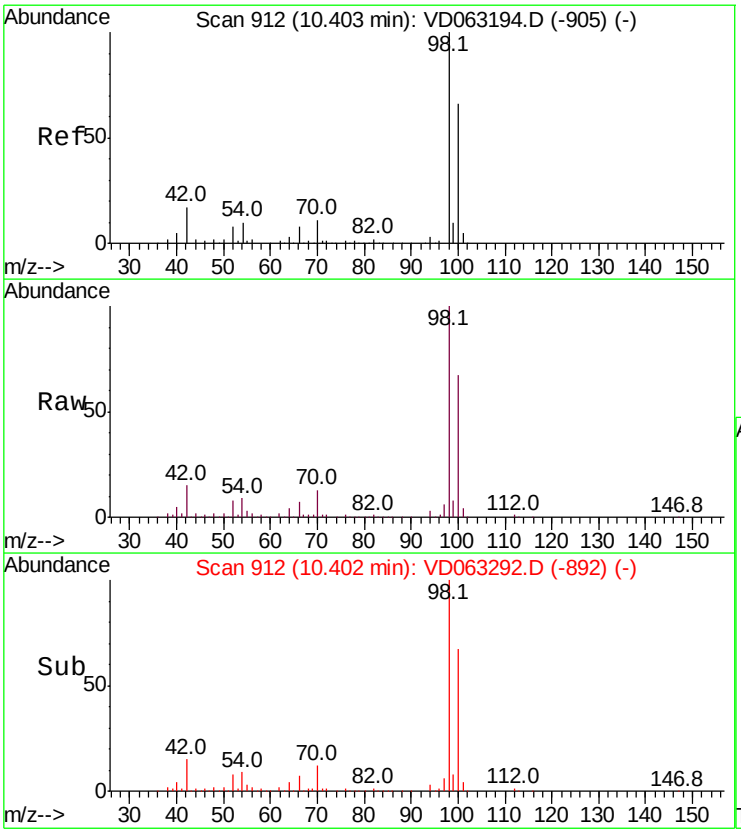
#40
Benzene
Concen: 34.662 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Instrument :
MSVOA_D
ClientSampleId :
T1-2

Tgt Ion: 78 Resp: 958443

Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.4	29.2

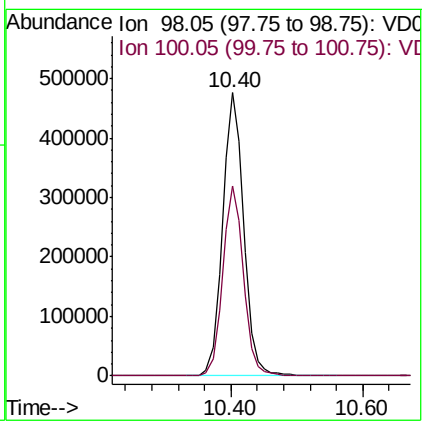


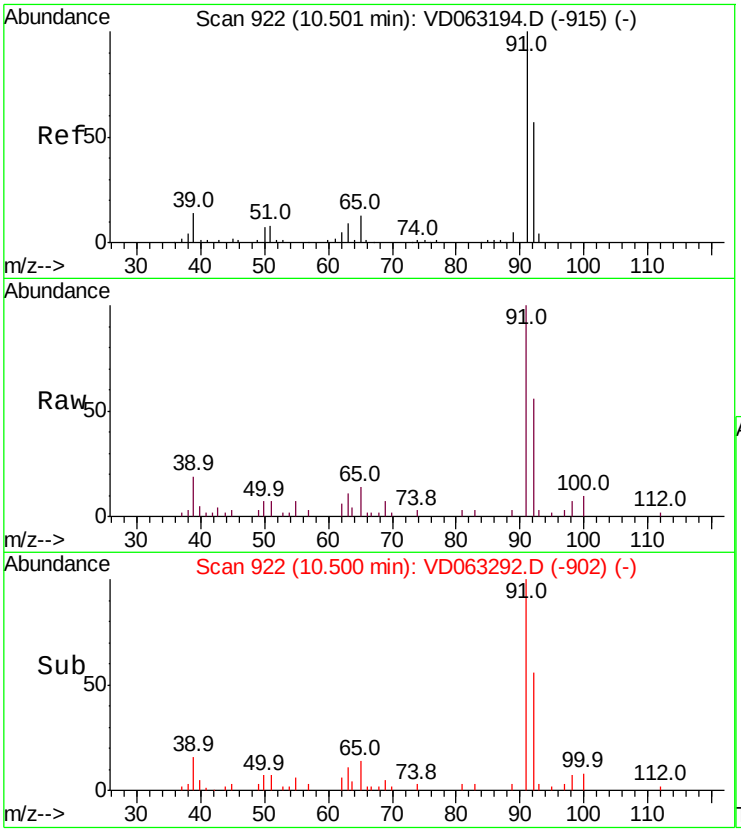


#50
Toluene-d8
Concen: 38.575 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Tgt Ion: 98 Resp: 1065565

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.2	79.8



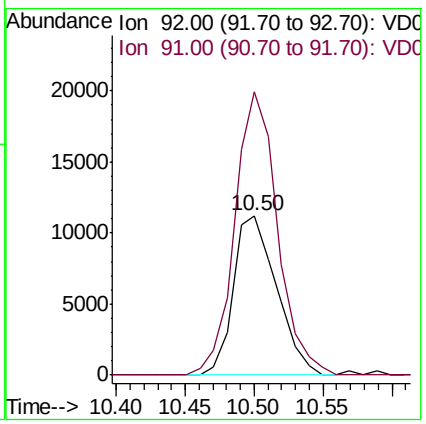


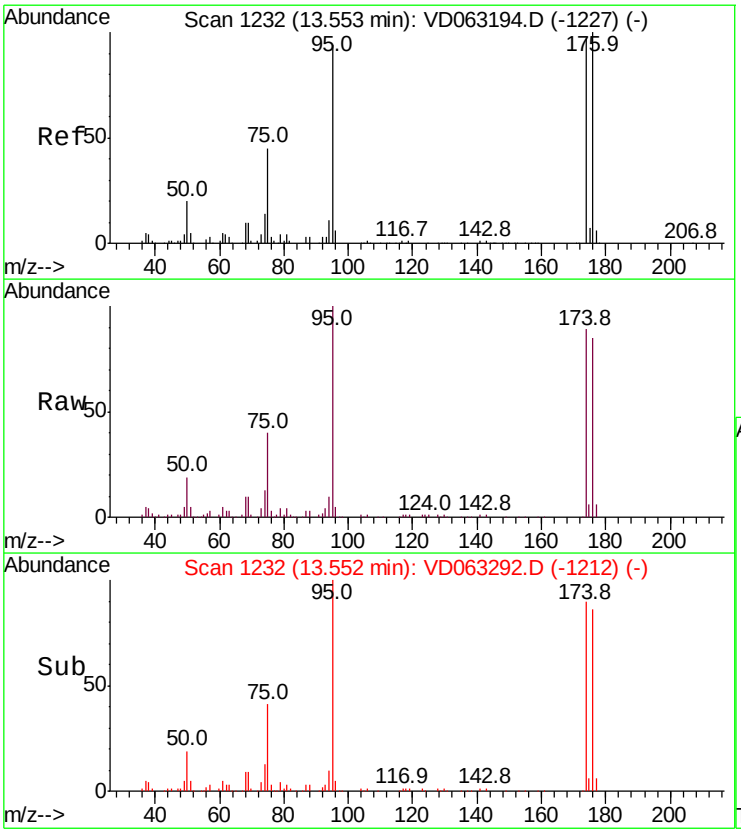
#52
Toluene
Concen: 1.330 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Instrument :
MSVOA_D
ClientSampleId :
T1-2

Tgt Ion: 92 Resp: 24454

Ion	Ratio	Lower	Upper
92	100		
91	177.7	140.8	211.2

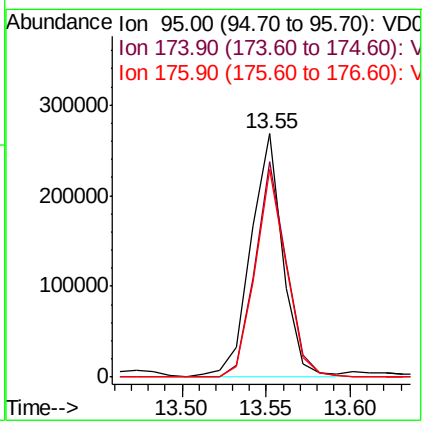


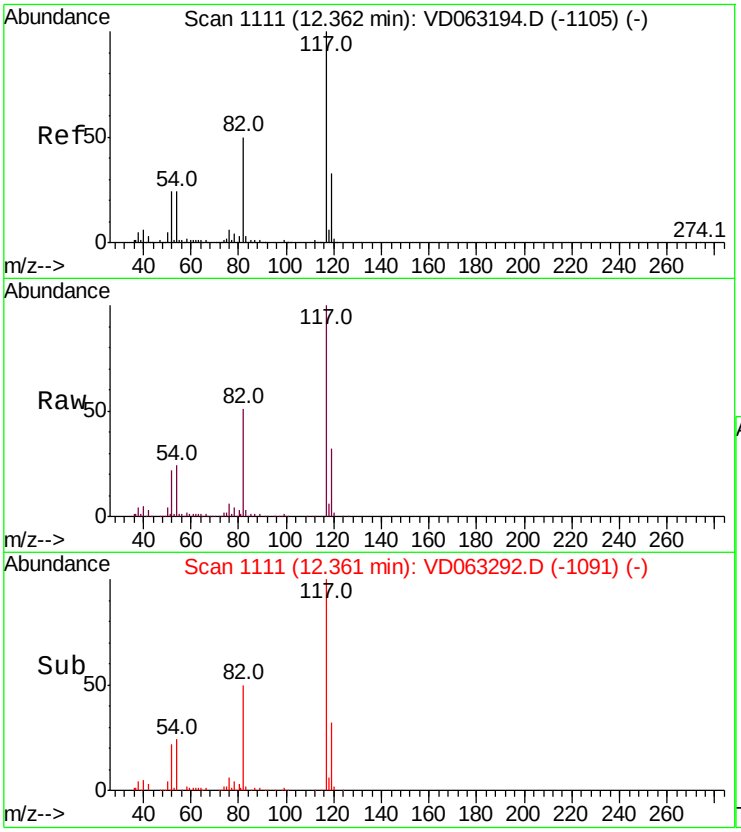


#62
4-Bromofluorobenzene
Concen: 27.690 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Tgt Ion: 95 Resp: 348557

Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	205.4
176	85.3	0.0	211.8



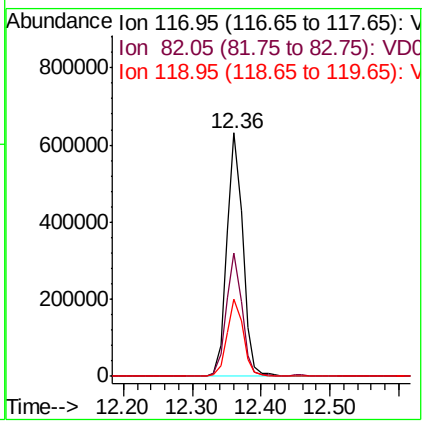


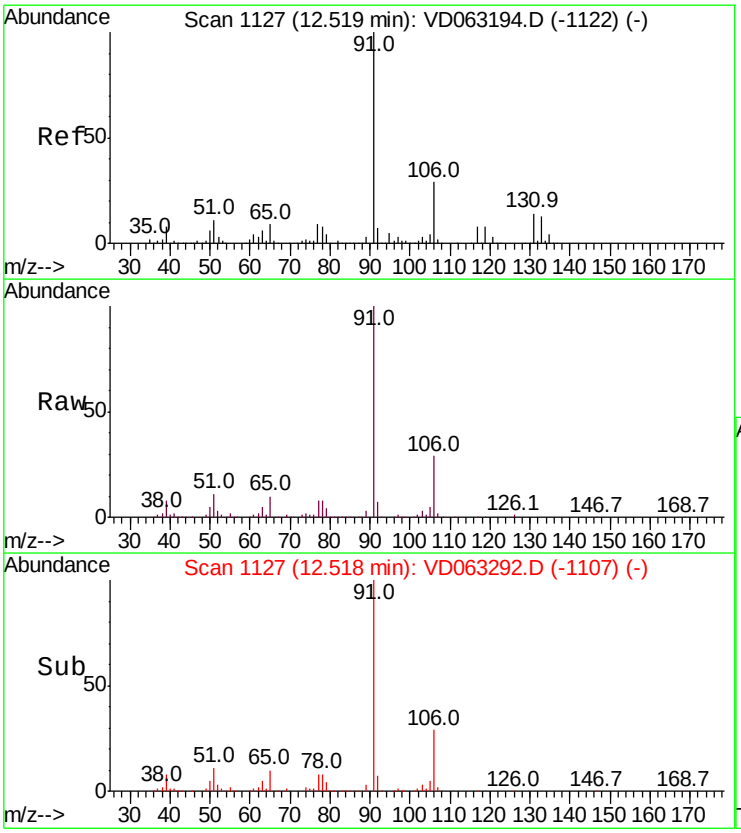
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Instrument : MSVOA_D
ClientSampleId : T1-2

Tgt Ion:117 Resp: 1010567

Ion	Ratio	Lower	Upper
117	100		
82	50.5	40.1	60.1
119	31.8	26.5	39.7

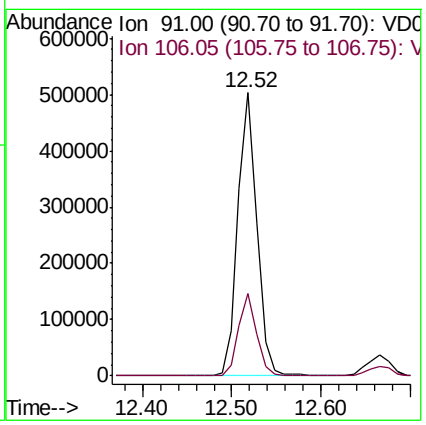


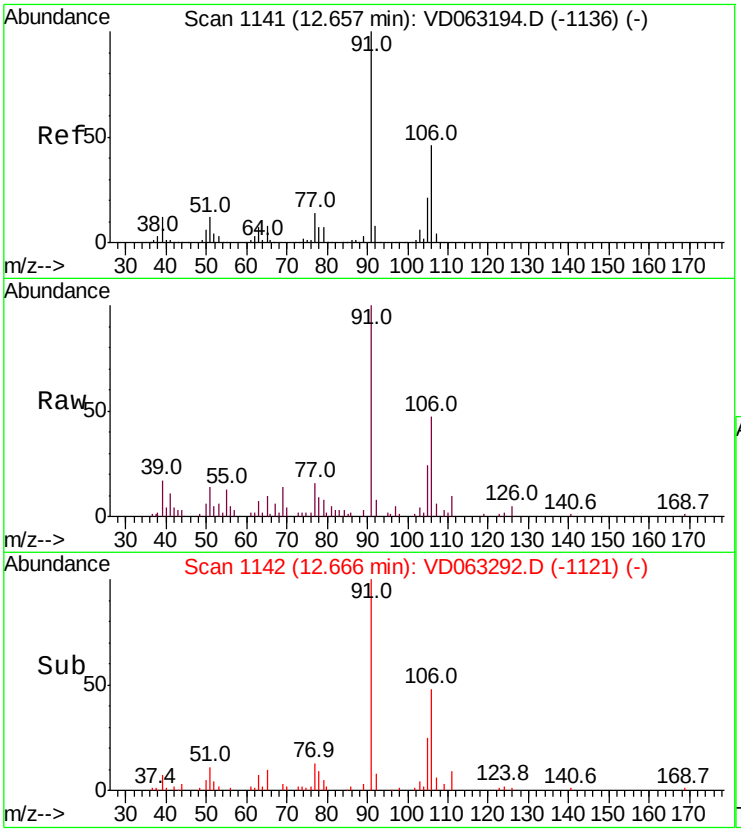


#67
Ethyl Benzene
Concen: 22.895 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Tgt Ion: 91 Resp: 755992

Ion	Ratio	Lower	Upper
91	100		
106	29.0	22.9	34.3



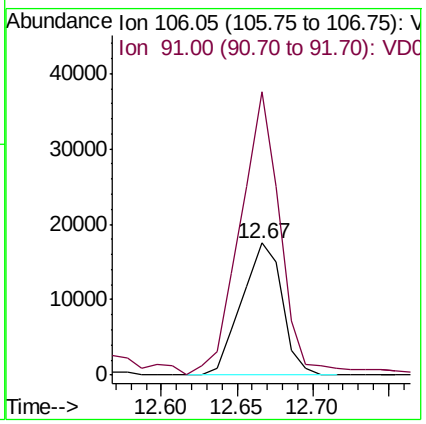


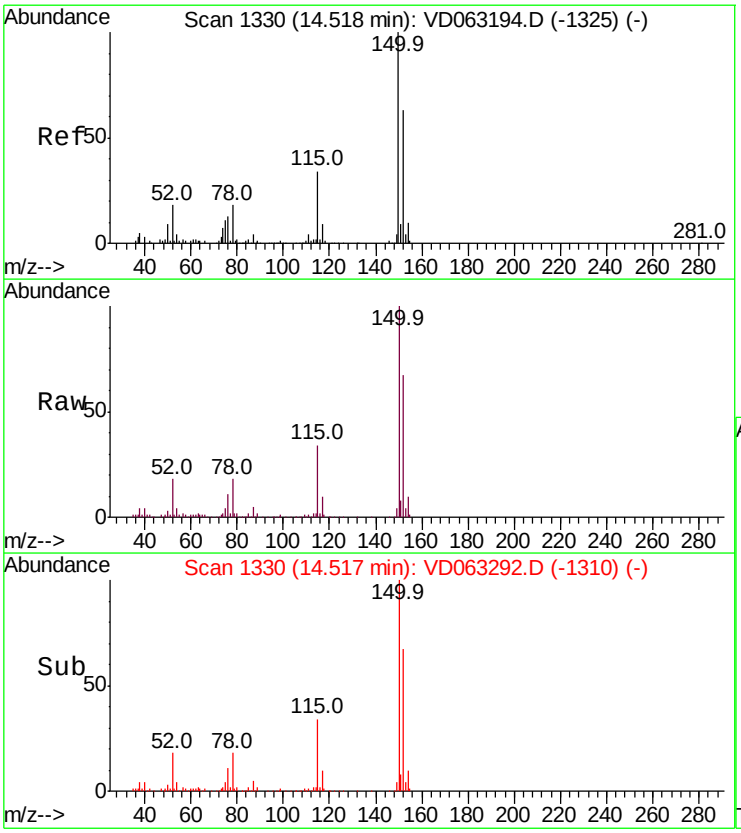
#68
m/p-Xylenes
Concen: 2.700 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Instrument :
MSVOA_D
ClientSampleId :
T1-2

Tgt Ion:106 Resp: 32691

Ion	Ratio	Lower	Upper
106	100		
91	214.8	172.6	259.0

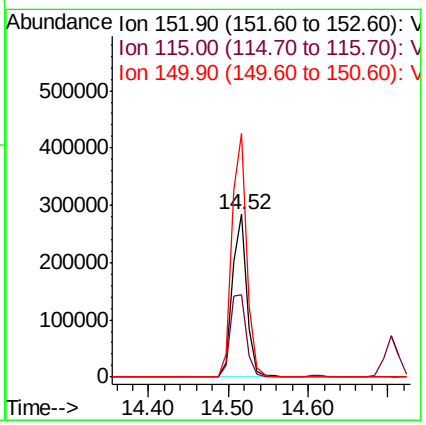


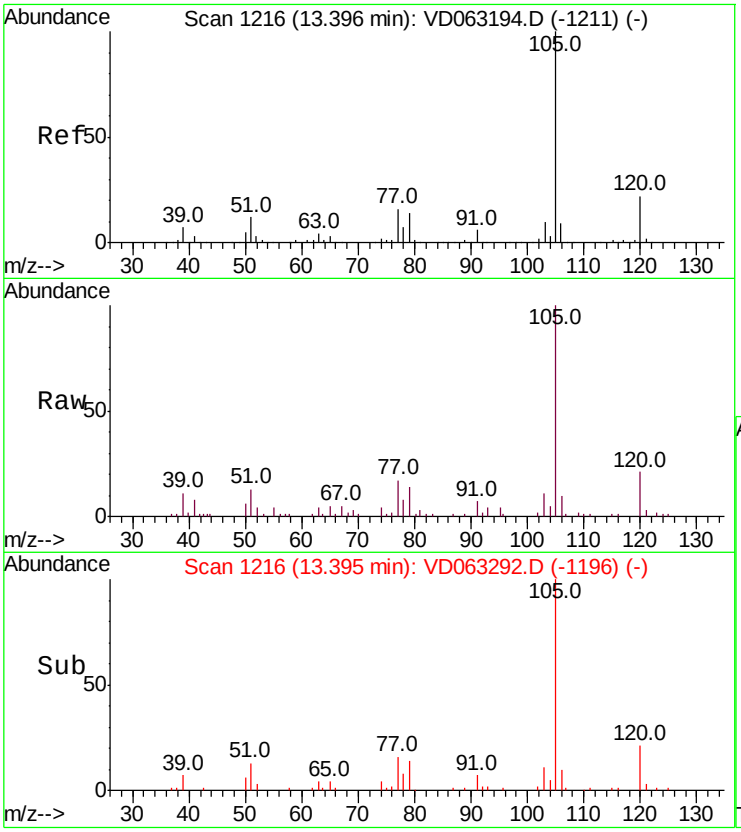


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Tgt Ion:152 Resp: 361563

Ion	Ratio	Lower	Upper
152	100		
115	51.0	27.5	82.4
150	149.9	0.0	320.6



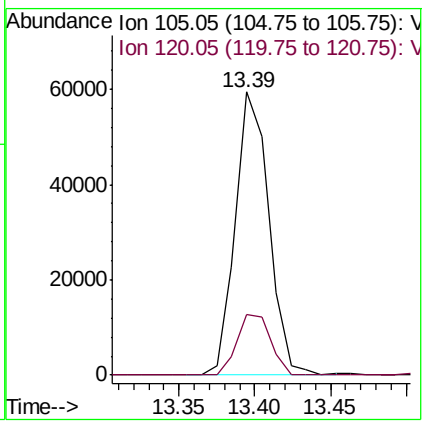


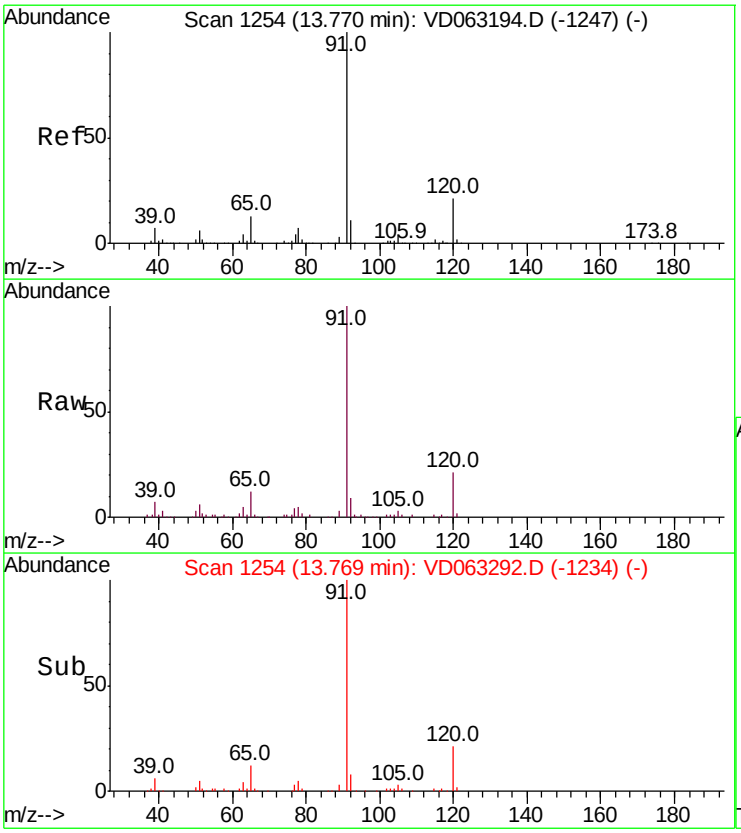
#73
Isopropylbenzene
Concen: 4.036 ug/l
RT: 13.39 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Instrument : MSVOA_D
ClientSampleId : T1-2

Tgt Ion:105 Resp: 91593

Ion	Ratio	Lower	Upper
105	100		
120	21.3	11.1	33.3

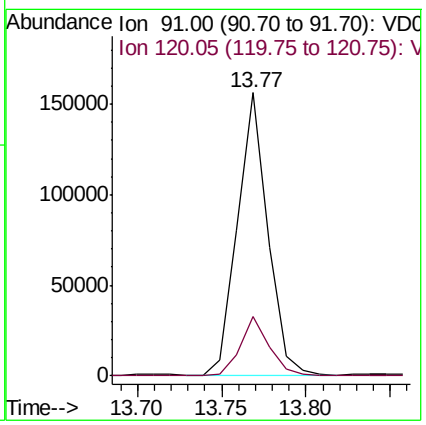


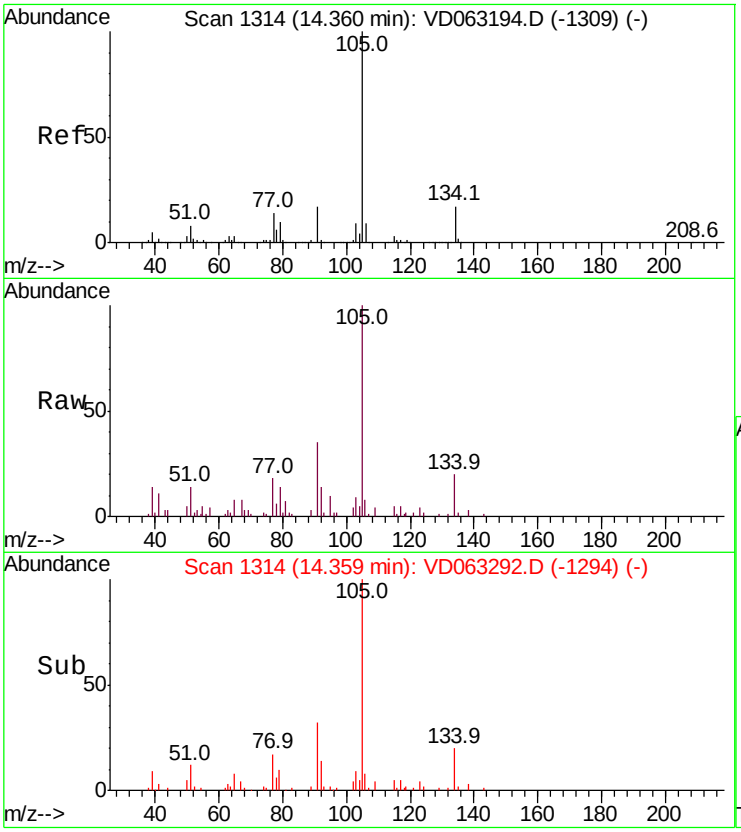


#78
n-propylbenzene
Concen: 7.171 ug/l
RT: 13.77 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Tgt Ion: 91 Resp: 193648

Ion	Ratio	Lower	Upper
91	100		
120	20.8	10.7	32.1



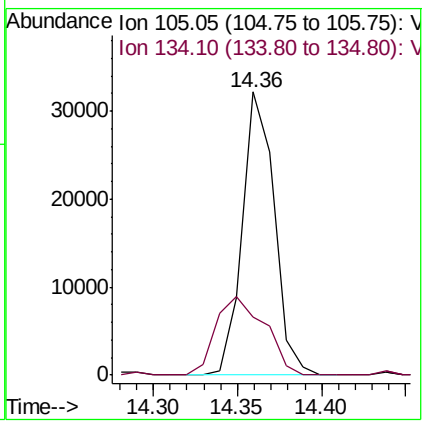


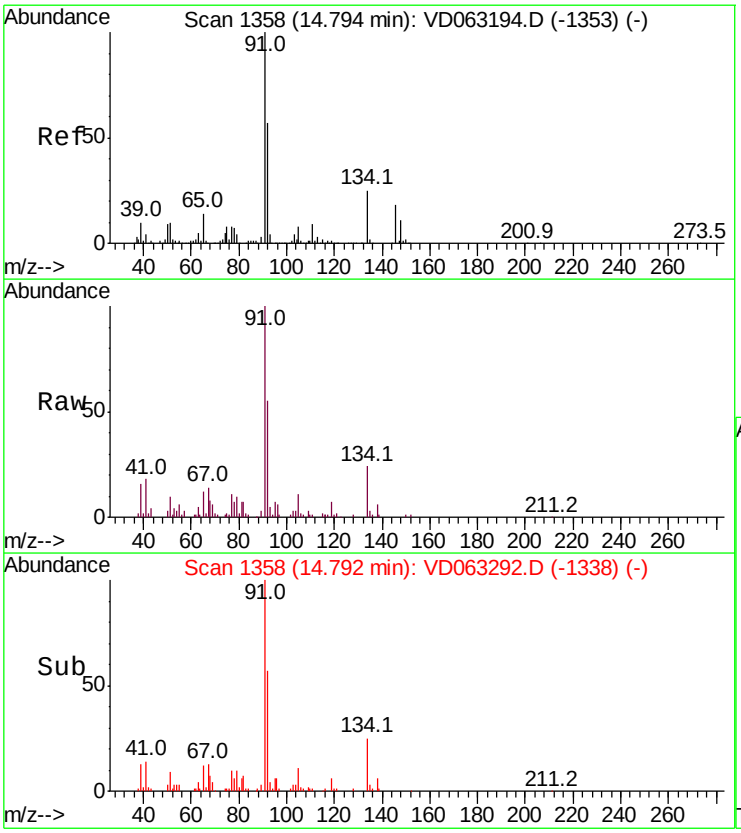
#85
sec-Butylbenzene
Concen: 1.805 ug/l
RT: 14.36 min Scan# 1314
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Instrument :
MSVOA_D
ClientSampleId :
T1-2

Tgt Ion:105 Resp: 42497

Ion	Ratio	Lower	Upper
105	100		
134	20.5	8.3	24.9

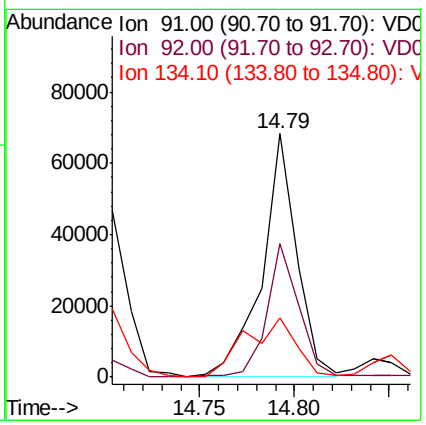


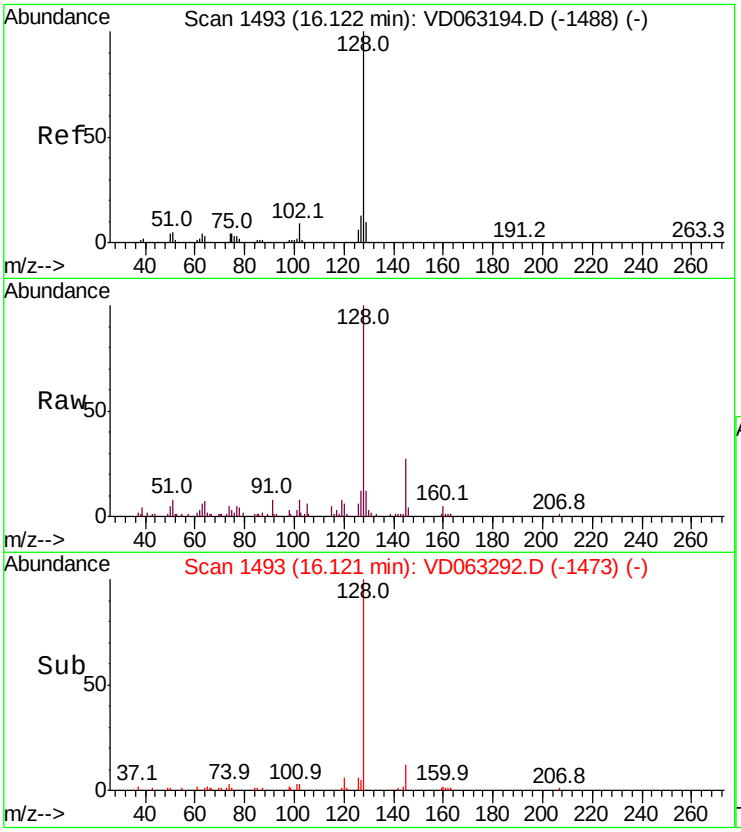


#89
n-Butylbenzene
Concen: 4.534 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Tgt Ion: 91 Resp: 88008

Ion	Ratio	Lower	Upper
91	100		
92	55.1	28.3	85.0
134	24.5	12.3	36.8





#95
Naphthalene
Concen: 5.706 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD063292.D
Acq: 1 Aug 2019 15:08

Instrument :
MSVOA_D
ClientSampleId :
T1-2

Tgt Ion:128 Resp: 63814

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.4
129	12.2	7.8	11.8#