Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062719\
Data File : VD062927.D
Acq On : 27 Jun 2019 13:14
Operator : VA/AP
Sample : K3471-01
Misc : 4.99g/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WASTE

Quant Time: Jun 28 03:09:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	847108	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	1116375	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	808151	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.50	152	381066	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	373948	40.61	ug/l	-0.04
Spiked Amount 50.000			Recovery = 81.22%			
35) Dibromofluoromethane	6.89	113	384383	40.83	ug/l	-0.04
Spiked Amount 50.000			Recovery = 81.66%			
50) Toluene-d8	10.39	98	749180	36.57	ug/l	-0.03
Spiked Amount 50.000			Recovery = 73.14%			
62) 4-Bromofluorobenzene	13.54	95	318647	34.20	ug/l	-0.02
Spiked Amount 50.000			Recovery = 68.40%			
Target Compounds						Qvalue
16) Acetone	3.20	43	64853	28.534	ug/l	99
18) Methyl Acetate	3.62	43	13302	4.785	ug/l #	79
20) Methylene Chloride	3.79	84	165191	23.524	ug/l	97
39) Methylcyclohexane	8.85	83	15437	1.659	ug/l #	74
78) n-propylbenzene	13.76	91	34817	1.224	ug/l	93
85) sec-Butylbenzene	14.36	105	139311	5.603	ug/l	94
89) n-Butylbenzene	14.79	91	141269	6.636	ug/l	91

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
Data File : VD062927.D
Acq On : 27 Jun 2019 13:14
Operator : VA/AP
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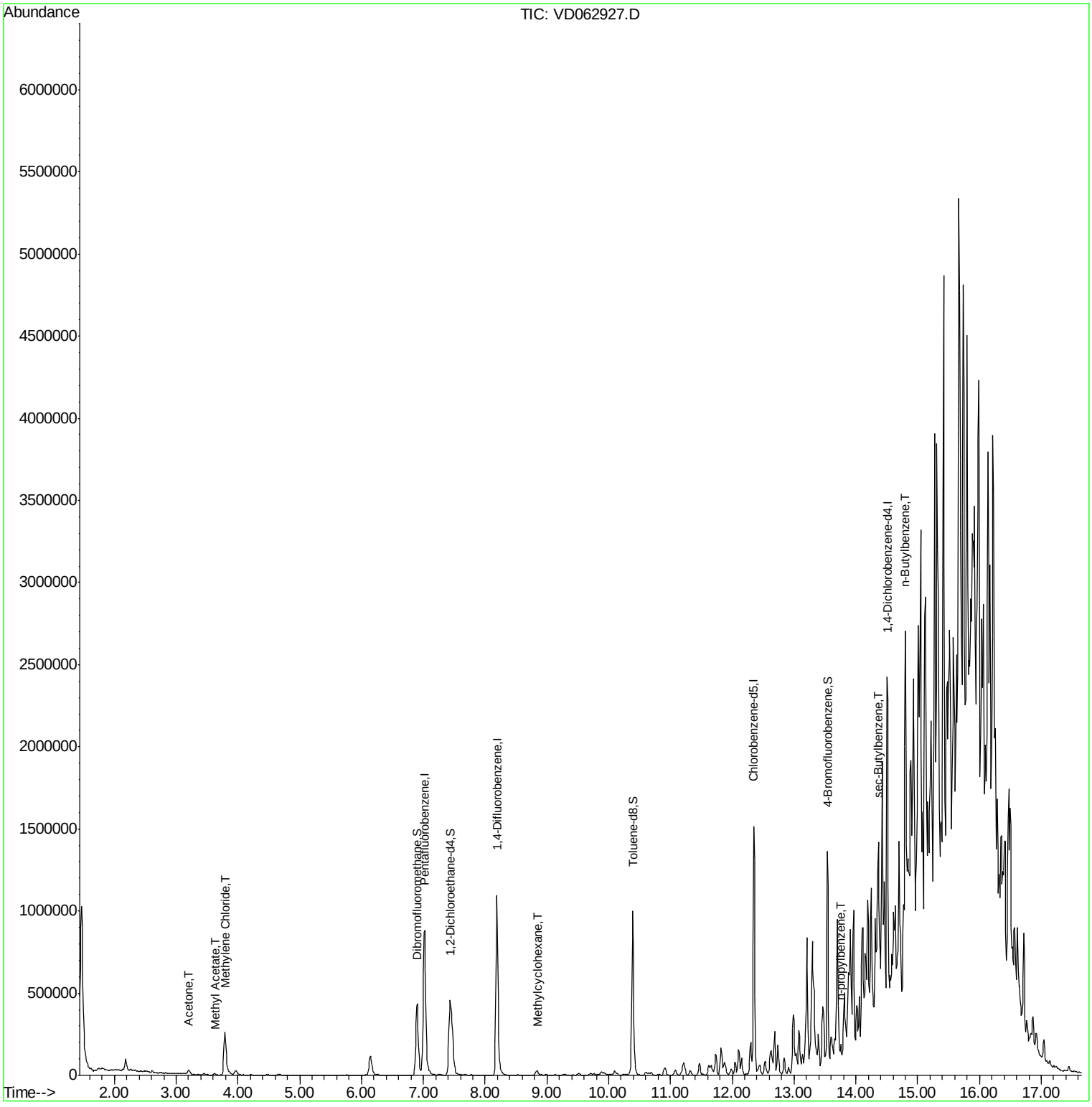
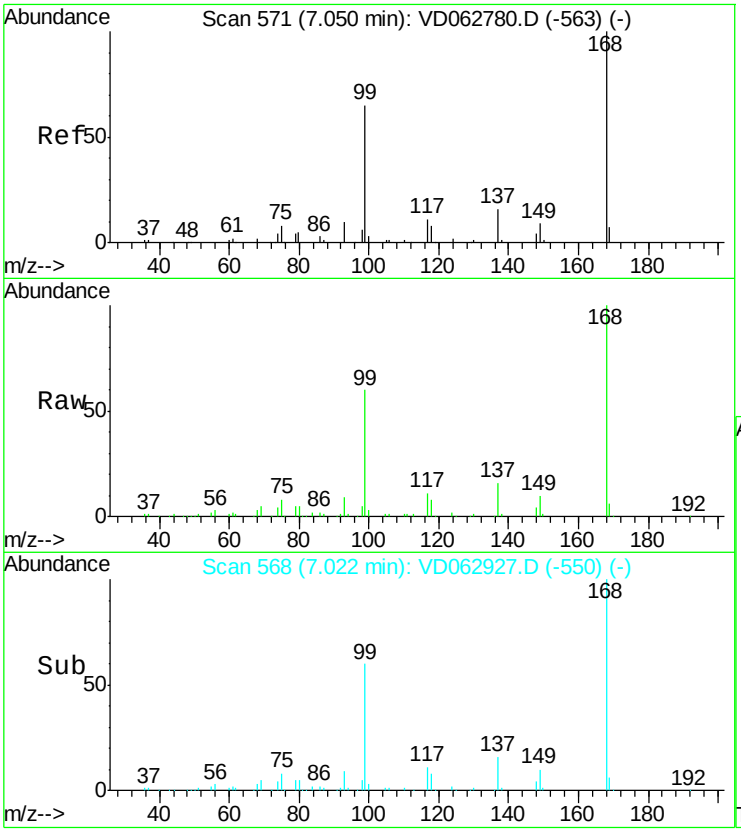
Misc : 4.99g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Quant Time: Jun 28 03:09:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration



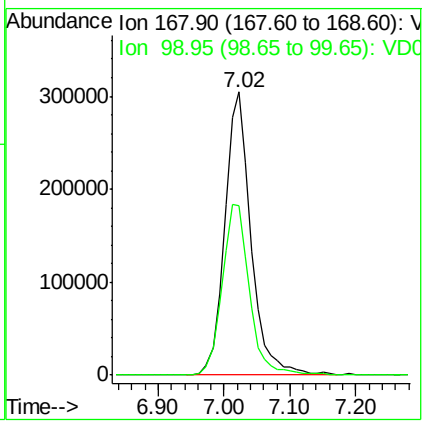


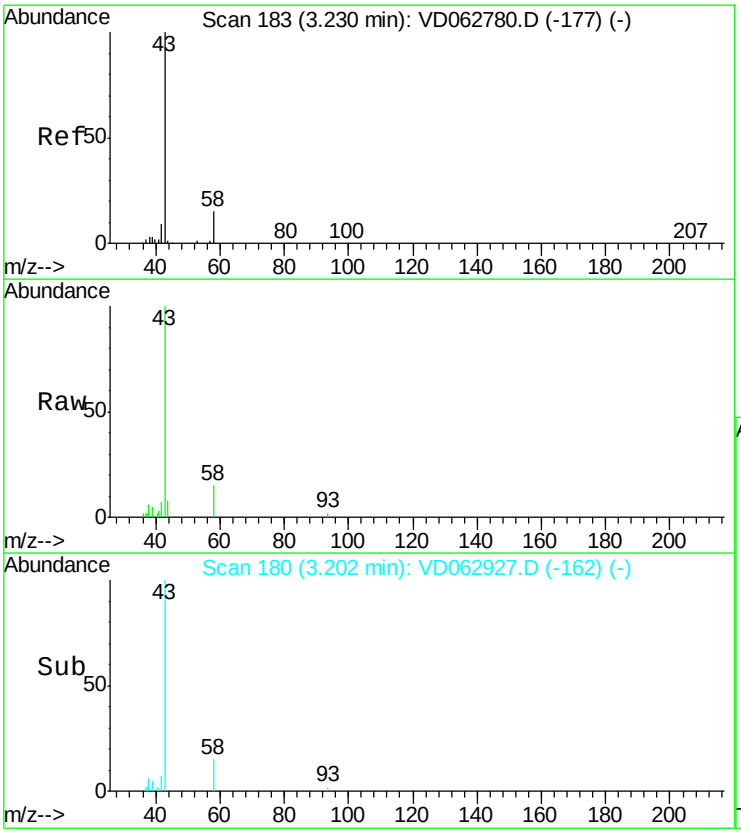
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.03 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Tgt Ion:168 Resp: 847108

Ion	Ratio	Lower	Upper
168	100		
99	59.7	53.0	79.6

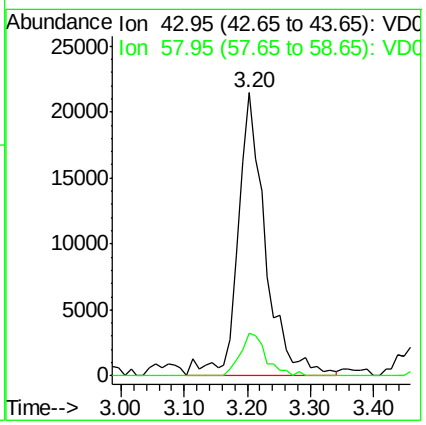


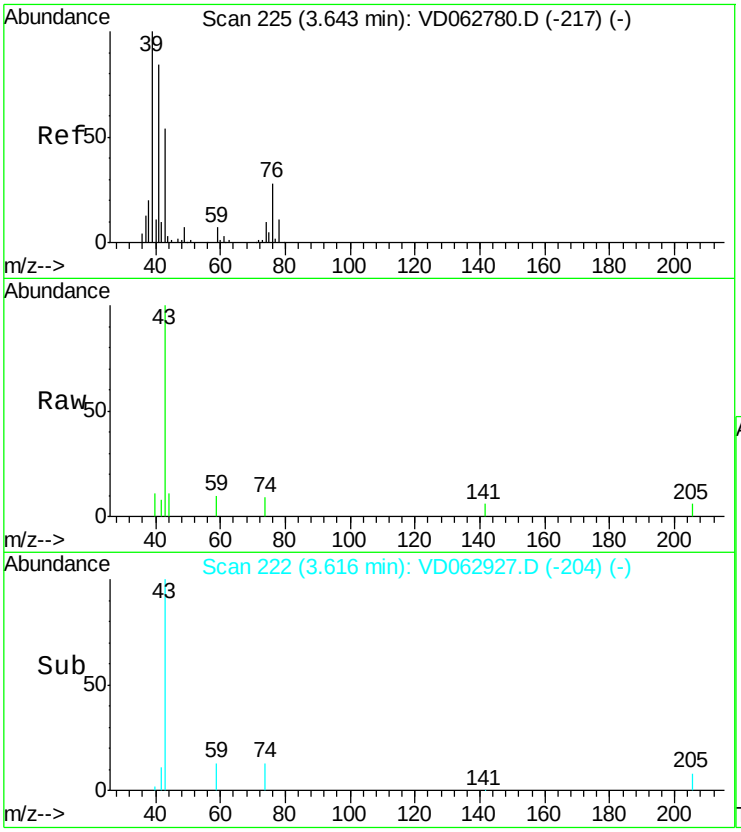


#16
Acetone
Concen: 28.534 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.03 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Tgt Ion: 43 Resp: 64853

Ion	Ratio	Lower	Upper
43	100		
58	15.1	11.9	17.9



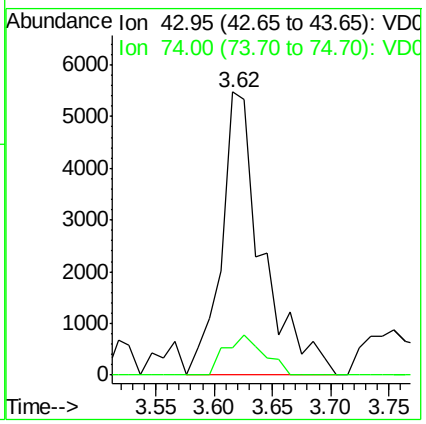


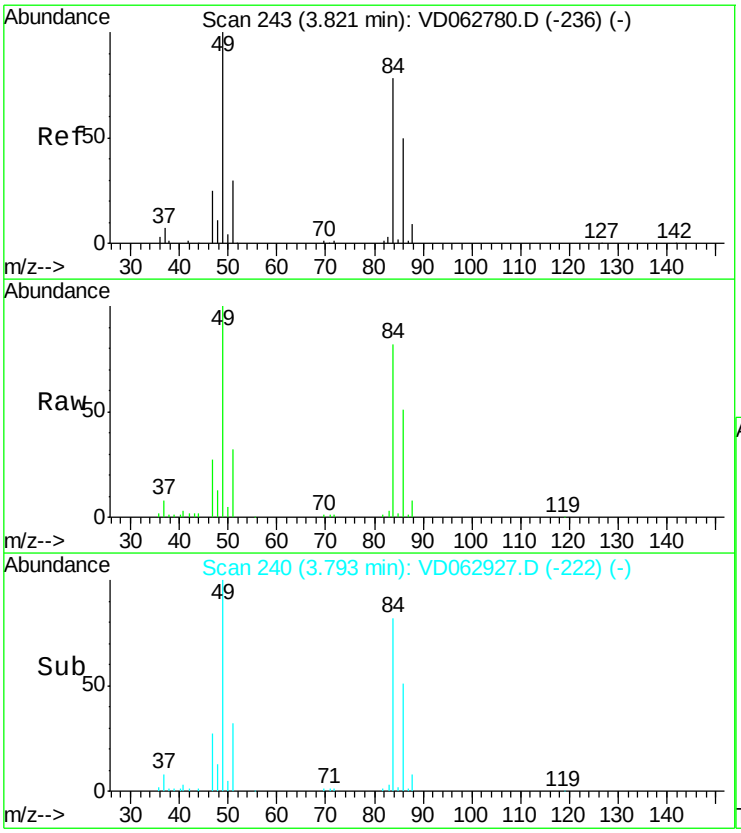
#18
Methyl Acetate
Concen: 4.785 ug/l
RT: 3.62 min Scan# 222
Delta R.T. -0.03 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Instrument : MSVOA_D
ClientSampleId : WASTE

Tgt Ion: 43 Resp: 13302

Ion	Ratio	Lower	Upper
43	100		
74	9.5	15.2	22.8#

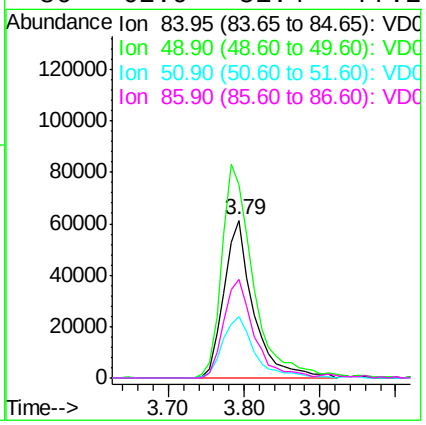


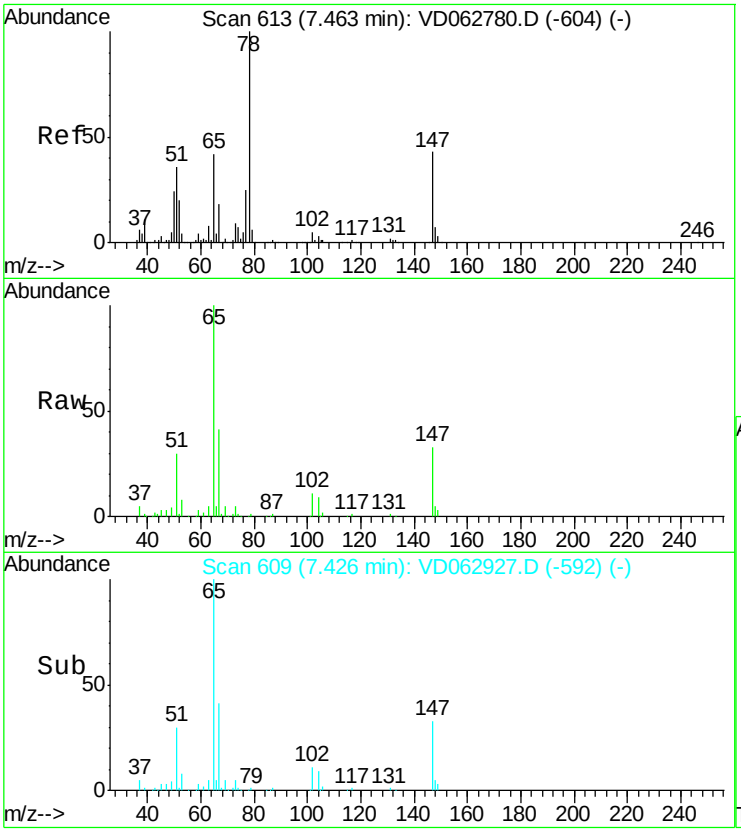


#20
Methylene Chloride
Concen: 23.524 ug/l
RT: 3.79 min Scan# 240
Delta R.T. -0.03 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Tgt Ion: 84 Resp: 165191

Ion	Ratio	Lower	Upper
84	100		
49	122.6	102.9	154.3
51	38.7	31.2	46.8
86	62.9	51.4	77.2



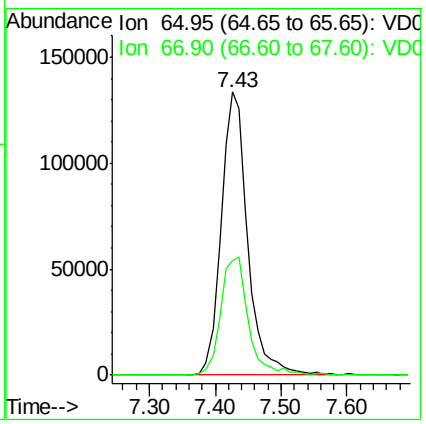


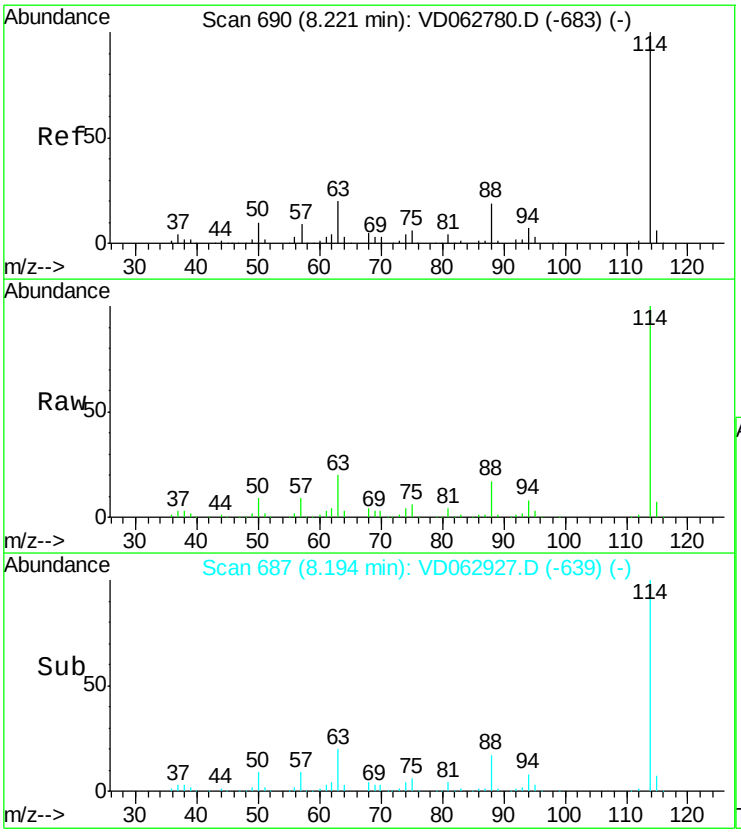
#33
1,2-Dichloroethane-d4
Concen: 40.611 ug/l
RT: 7.43 min Scan# 609
Delta R.T. -0.04 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Tgt Ion: 65 Resp: 373948

Ion	Ratio	Lower	Upper
65	100		
67	40.5	0.0	87.4

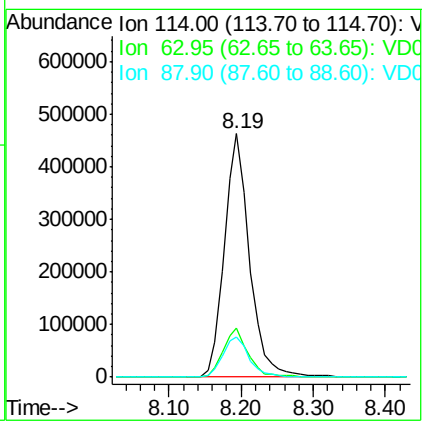


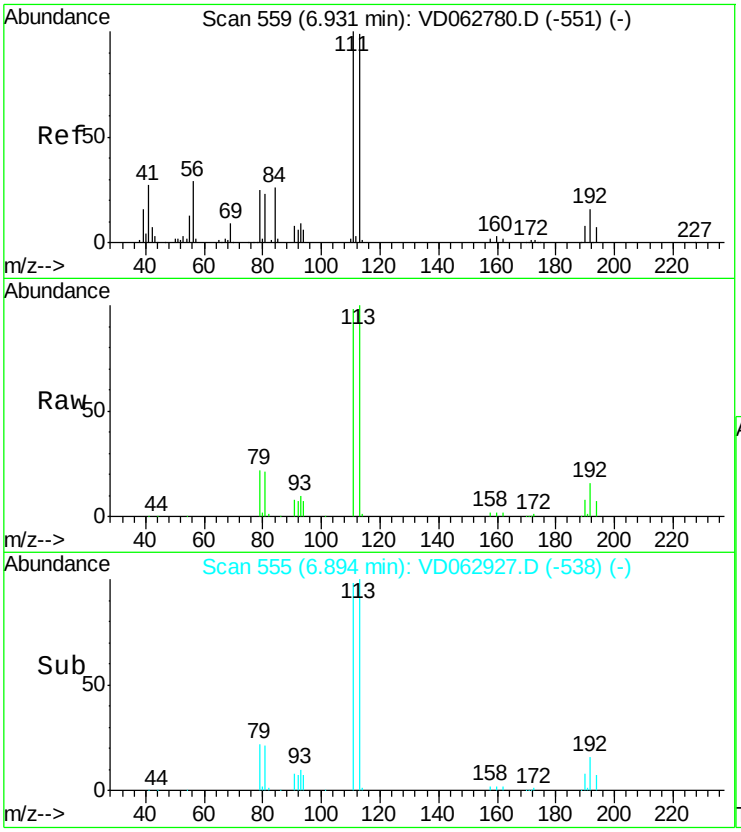


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.19 min Scan# 687
Delta R.T. -0.03 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Tgt Ion:114 Resp: 1116375

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.0
88	16.6	0.0	38.8



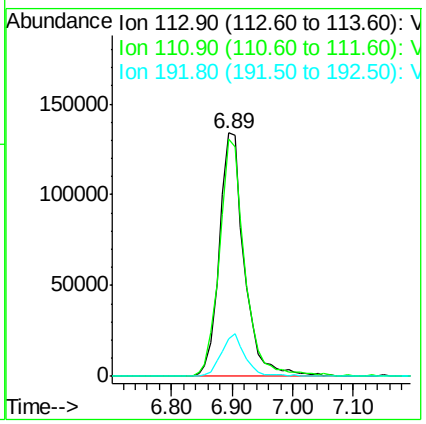


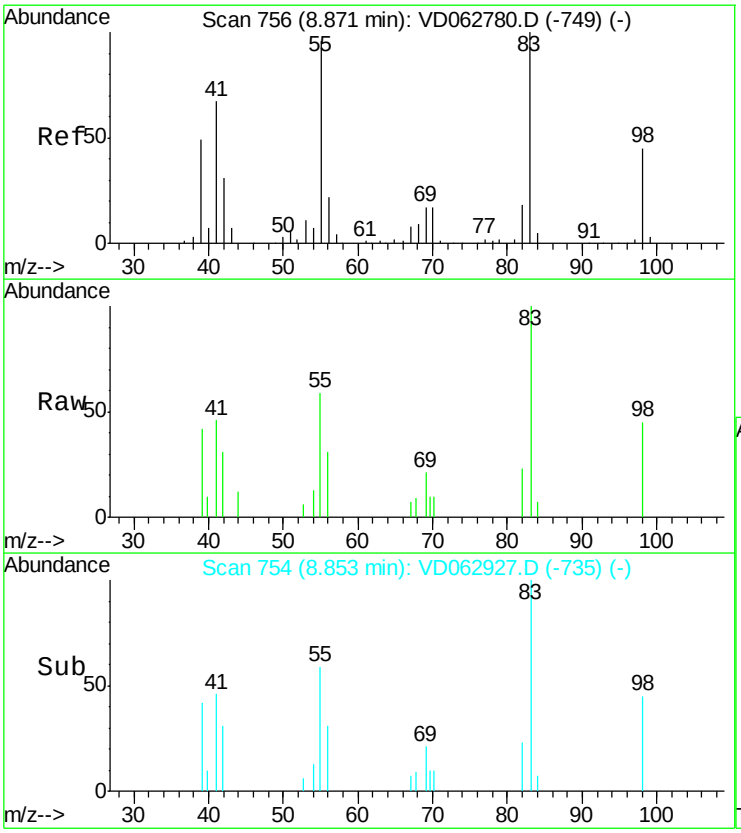
#35
Dibromofluoromethane
Concen: 40.834 ug/l
RT: 6.89 min Scan# 555
Delta R.T. -0.04 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Tgt Ion:113 Resp: 384383

Ion	Ratio	Lower	Upper
113	100		
111	97.7	81.2	121.8
192	15.7	12.9	19.3

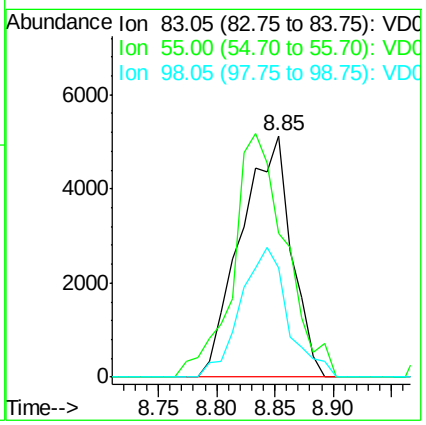


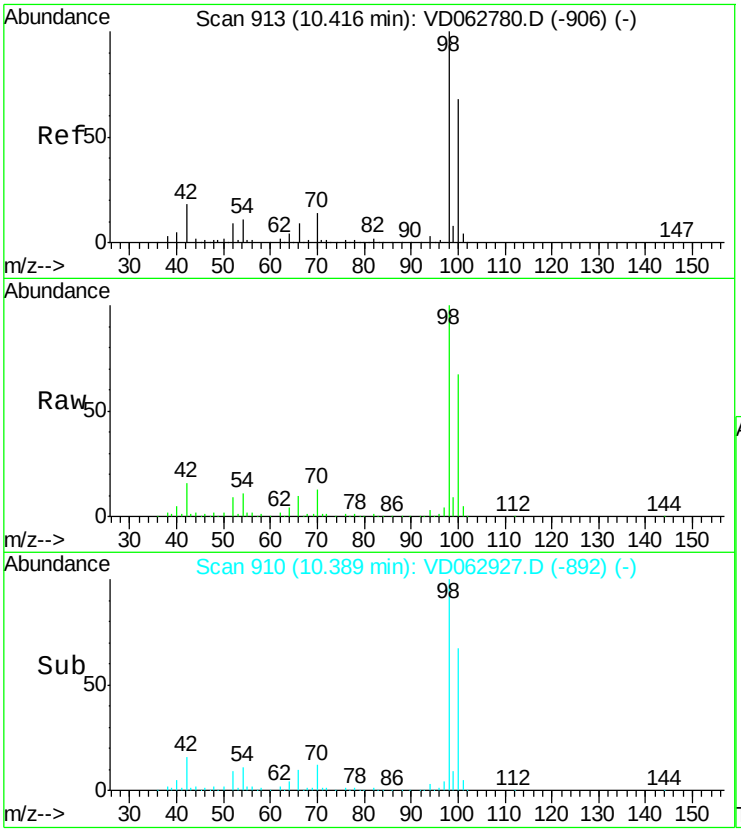


#39
Methylcyclohexane
Concen: 1.659 ug/l
RT: 8.85 min Scan# 754
Delta R.T. -0.02 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Tgt Ion: 83 Resp: 15437

Ion	Ratio	Lower	Upper
83	100		
55	59.5	76.6	115.0#
98	45.4	35.7	53.5



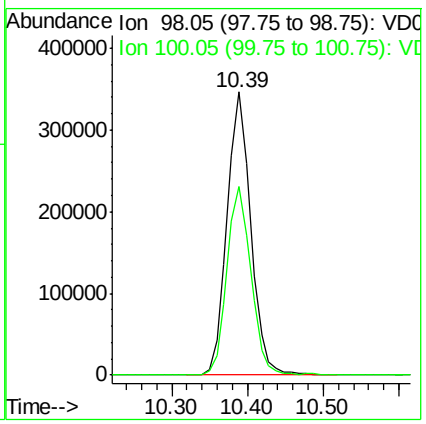


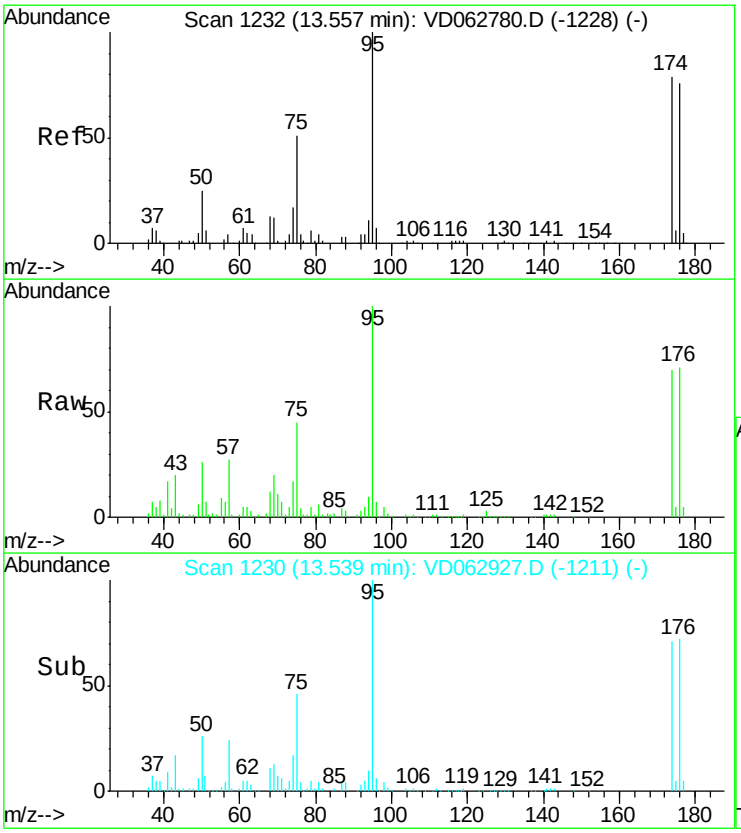
#50
Toluene-d8
Concen: 36.568 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Tgt Ion: 98 Resp: 749180

Ion	Ratio	Lower	Upper
98	100		
100	66.9	54.7	82.1

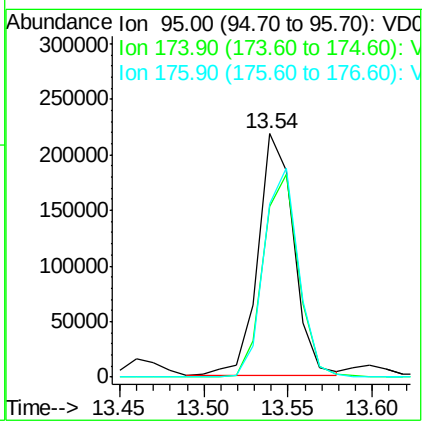


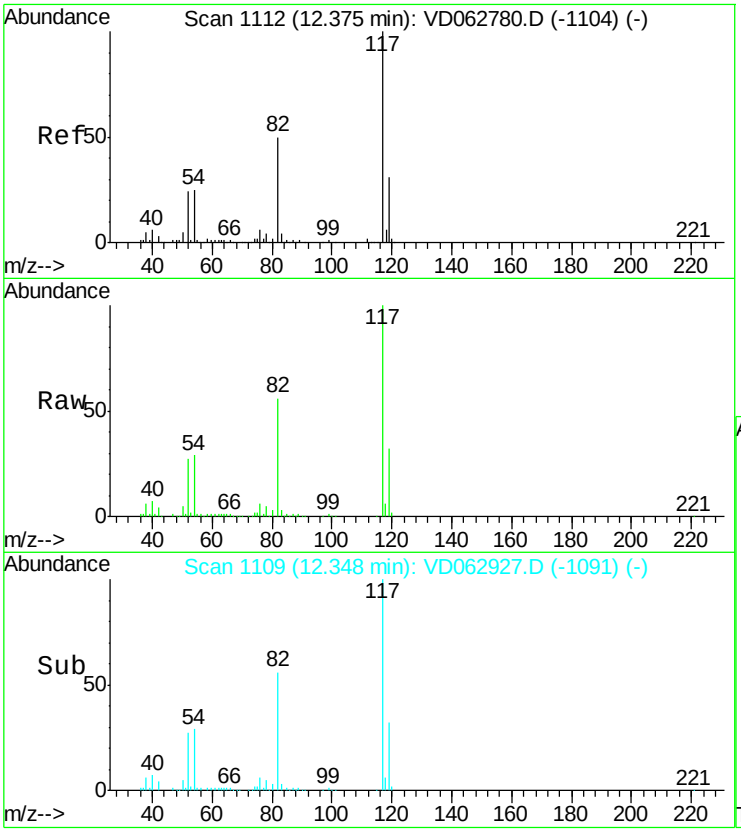


#62
4-Bromofluorobenzene
Concen: 34.205 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Tgt Ion: 95 Resp: 318647

Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	158.0
176	71.3	0.0	151.6



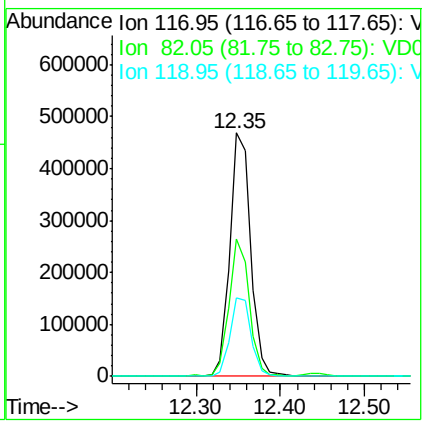


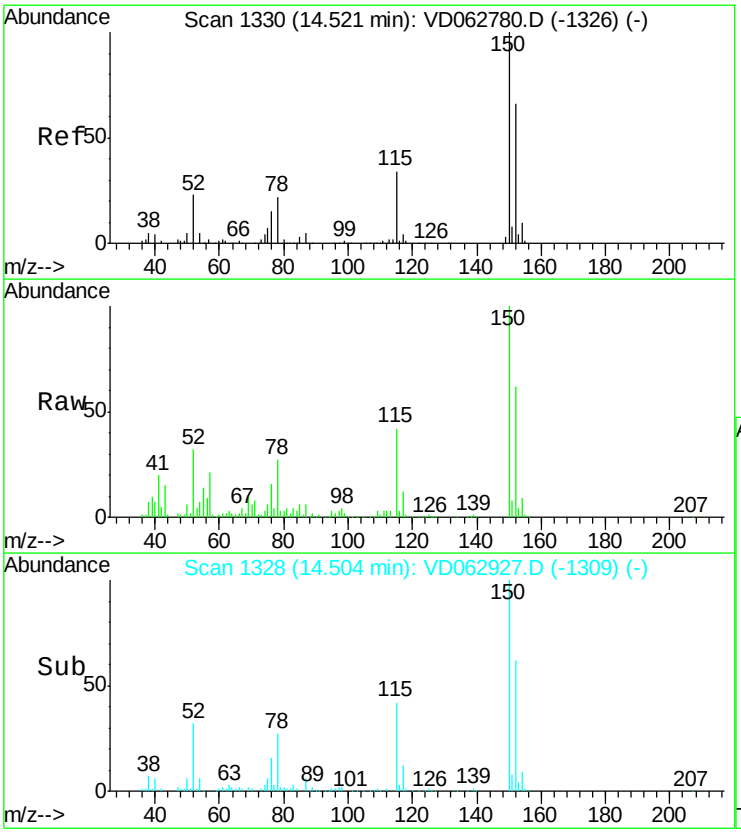
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1109
Delta R.T. -0.03 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Tgt Ion:117 Resp: 808151

Ion	Ratio	Lower	Upper
117	100		
82	56.2	40.4	60.6
119	32.4	25.2	37.8

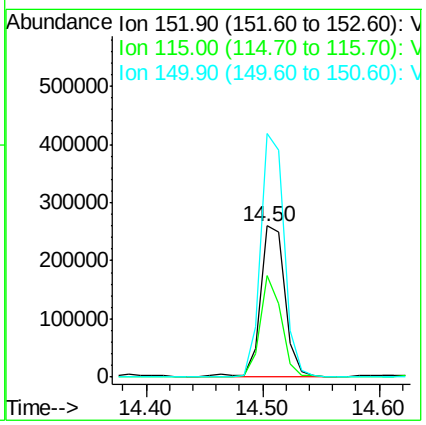


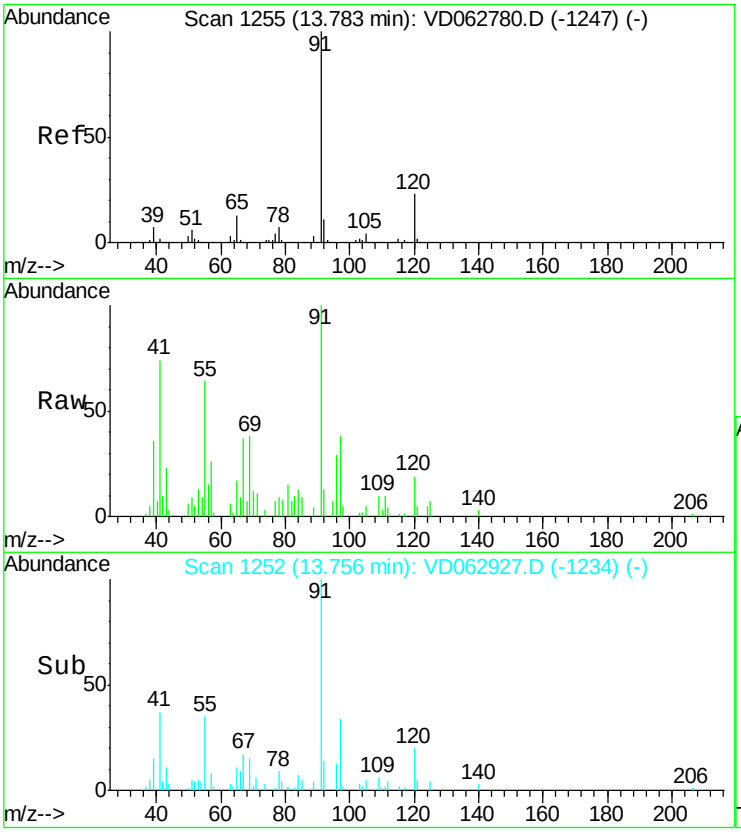


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.02 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Tgt Ion:152 Resp: 381066

Ion	Ratio	Lower	Upper
152	100		
115	67.0	29.2	87.6
150	161.2	0.0	305.8



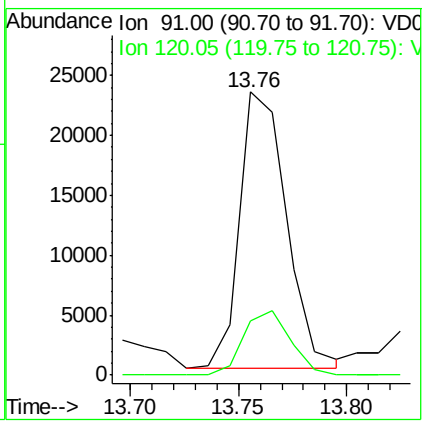


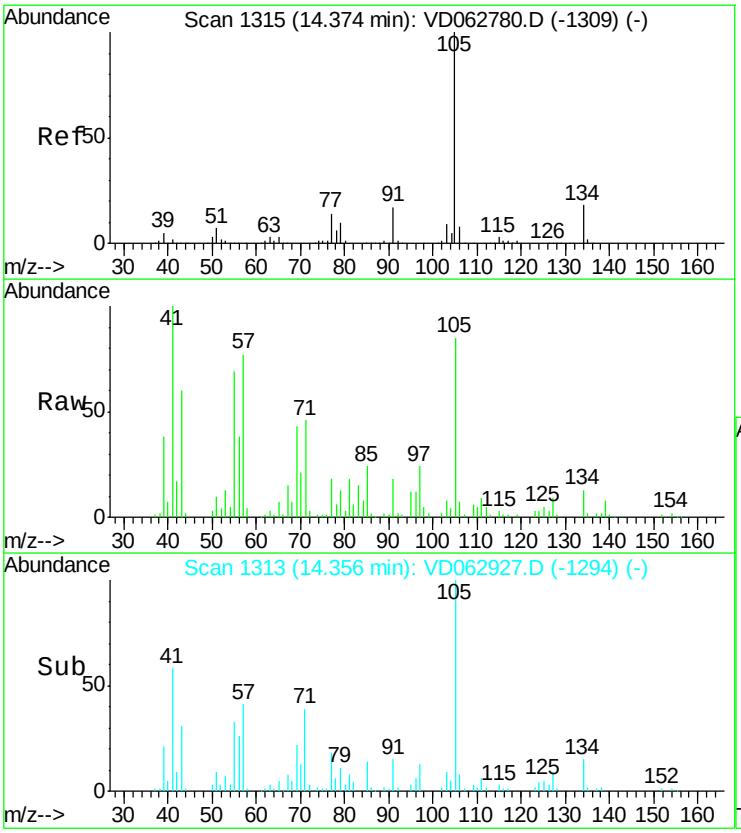
#78
n-propylbenzene
Concen: 1.224 ug/l
RT: 13.76 min Scan# 1252
Delta R.T. -0.03 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Instrument : MSVOA_D
ClientSampleId : WASTE

Tgt Ion: 91 Resp: 34817

Ion	Ratio	Lower	Upper
91	100		
120	19.2	11.3	33.8

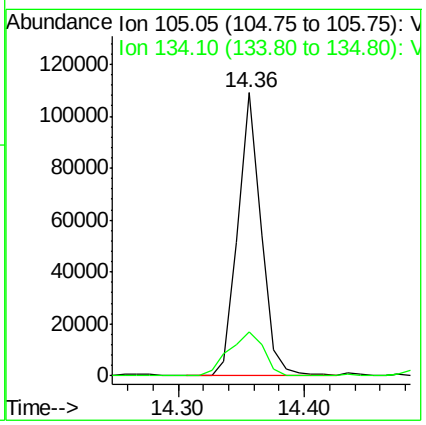


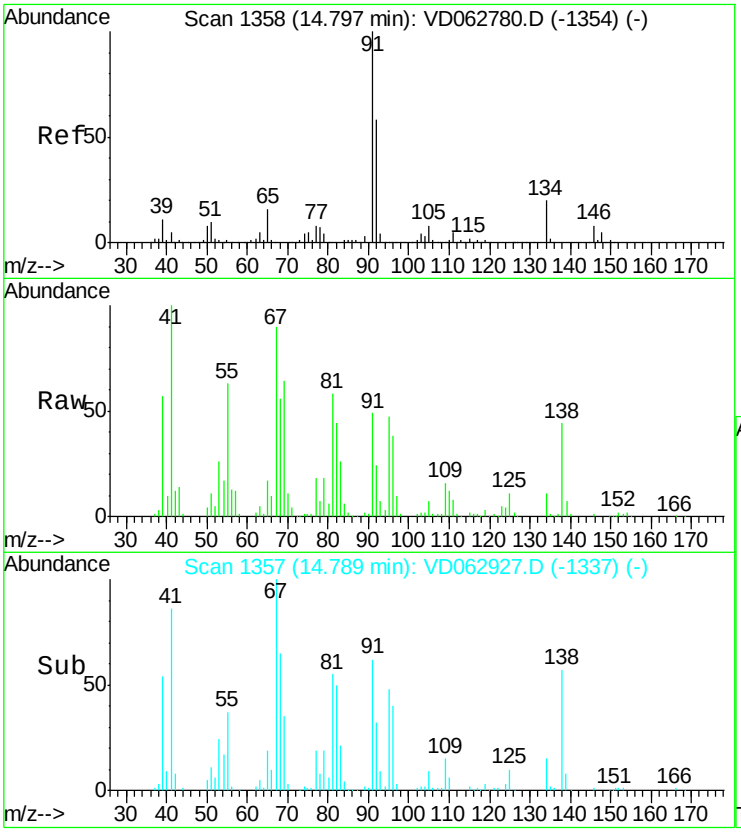


#85
sec-Butylbenzene
Concen: 5.603 ug/l
RT: 14.36 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Tgt Ion:105 Resp: 139311

Ion	Ratio	Lower	Upper
105	100		
134	15.4	9.1	27.3





#89
n-Butylbenzene
Concen: 6.636 ug/l
RT: 14.79 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VD062927.D
Acq: 27 Jun 2019 13:14

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Tgt Ion: 91 Resp: 141269

Ion	Ratio	Lower	Upper
91	100		
92	50.3	28.9	86.7
134	23.4	10.1	30.3