Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042419\
Data File : VD062025.D
Acq On : 25 Apr 2019 7:15
Operator : VA/AP
Sample : K2544-01
Misc : 5.45g/5ml/MSVOA_D/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 135-20

Quant Time: Apr 25 11:42:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	429396	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	725002	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	410250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	94930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	212354	63.19	ug/l	0.01
Spiked Amount 50.000			Recovery = 126.38%			
35) Dibromofluoromethane	6.94	113	270430	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.86%			
50) Toluene-d8	10.42	98	395673	33.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 66.32%			
62) 4-Bromofluorobenzene	13.56	95	125656	26.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 52.52%			
Target Compounds						Qvalue
16) Acetone	3.23	43	33679	41.971	ug/l	94
18) Methyl Acetate	3.66	43	8720	4.003	ug/l	99
20) Methylene Chloride	3.83	84	29205	4.579	ug/l	95
39) Methylcyclohexane	8.87	83	29875	5.361	ug/l	90
67) Ethyl Benzene	12.53	91	24807	1.961	ug/l	94
68) m/p-Xylenes	12.67	106	4988	1.091	ug/l	78
69) o-Xylene	13.05	106	30727	7.343	ug/l	94
73) Isopropylbenzene	13.40	105	14407	2.275	ug/l	92
78) n-propylbenzene	13.78	91	38893	5.365	ug/l	97
80) 1,3,5-Trimethylbenzene	13.93	105	139792	27.685	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	51067	10.592	ug/l	98
85) sec-Butylbenzene	14.37	105	37004	5.855	ug/l	96
86) p-Isopropyltoluene	14.50	119	60886	10.764	ug/l	98

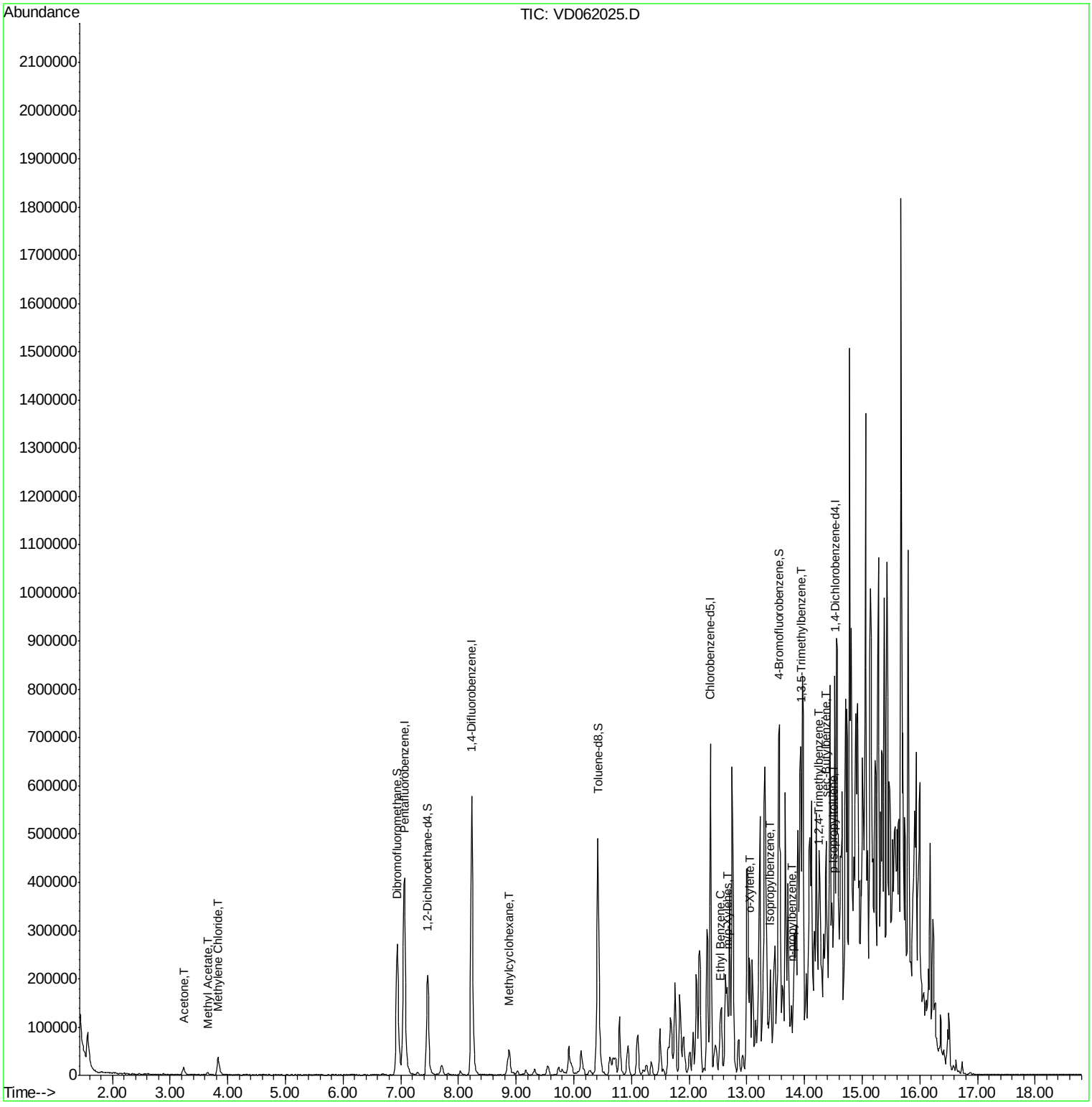
(#) = qualifier out of range (m) = manual integration (+) = signals summed

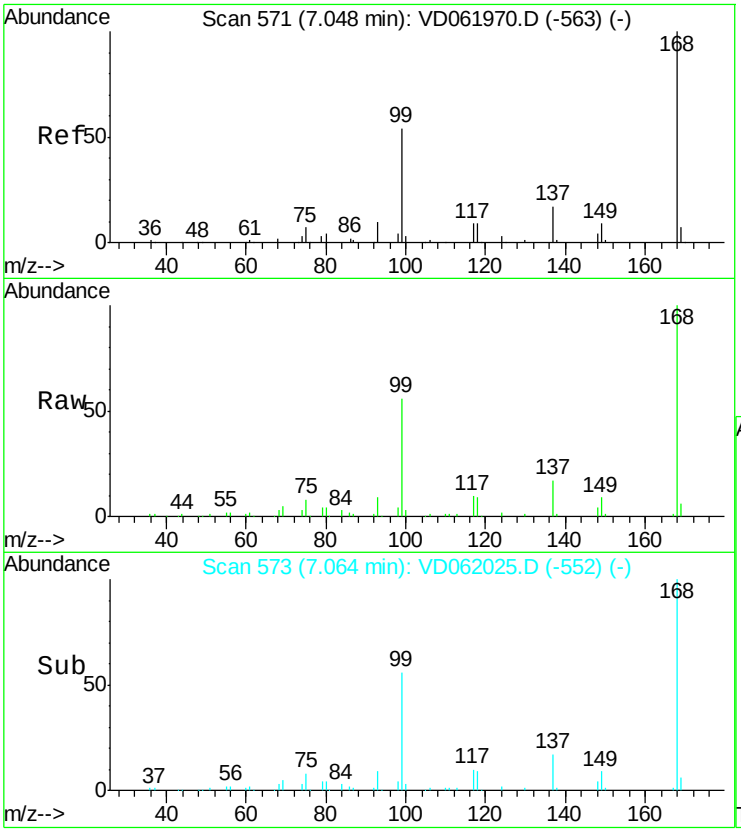
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
Data File : VD062025.D
Acq On : 25 Apr 2019 7:15
Operator : VA/AP
Sample : K2544-01
Misc : 5.45g/5ml/MSVOA D/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 135-20

Quant Time: Apr 25 11:42:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration



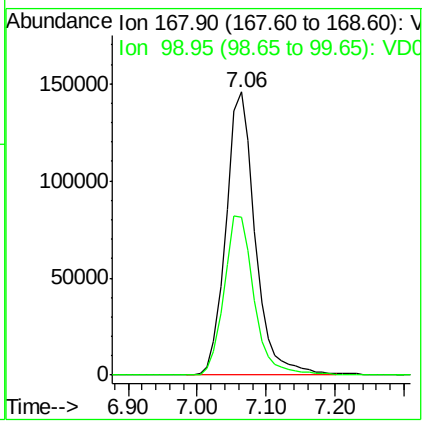


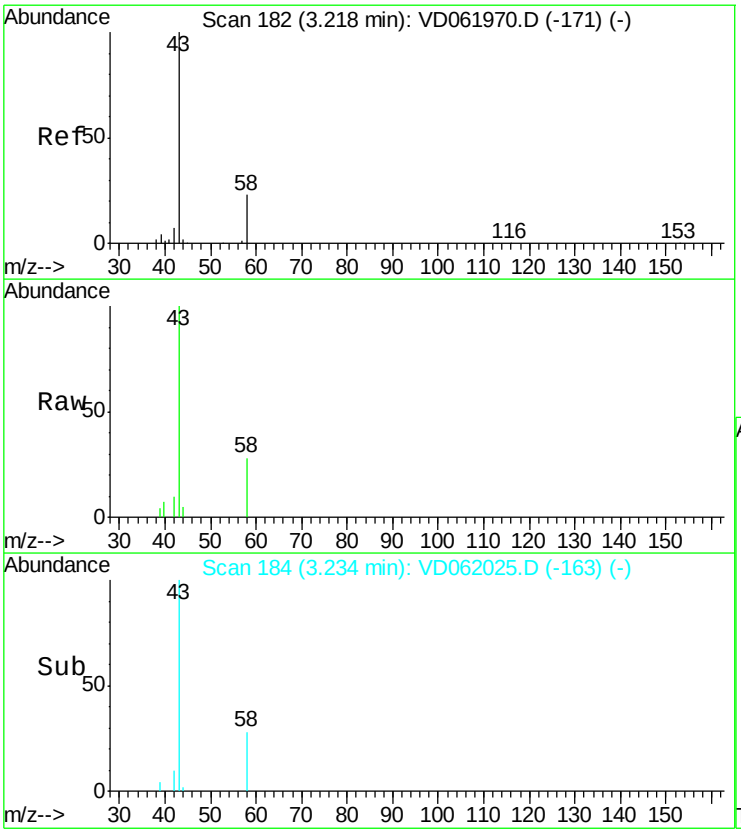
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.01 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Instrument : MSVOA_D
ClientSampleId : 135-20

Tgt Ion:168 Resp: 429396

Ion	Ratio	Lower	Upper
168	100		
99	55.7	46.5	69.7

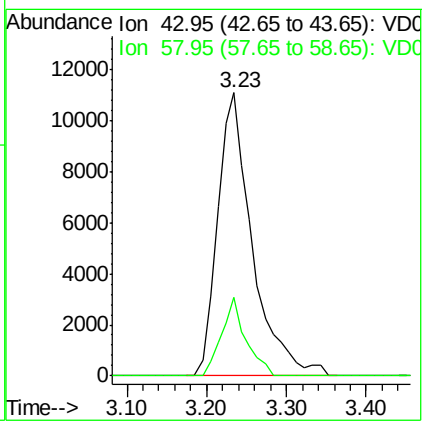


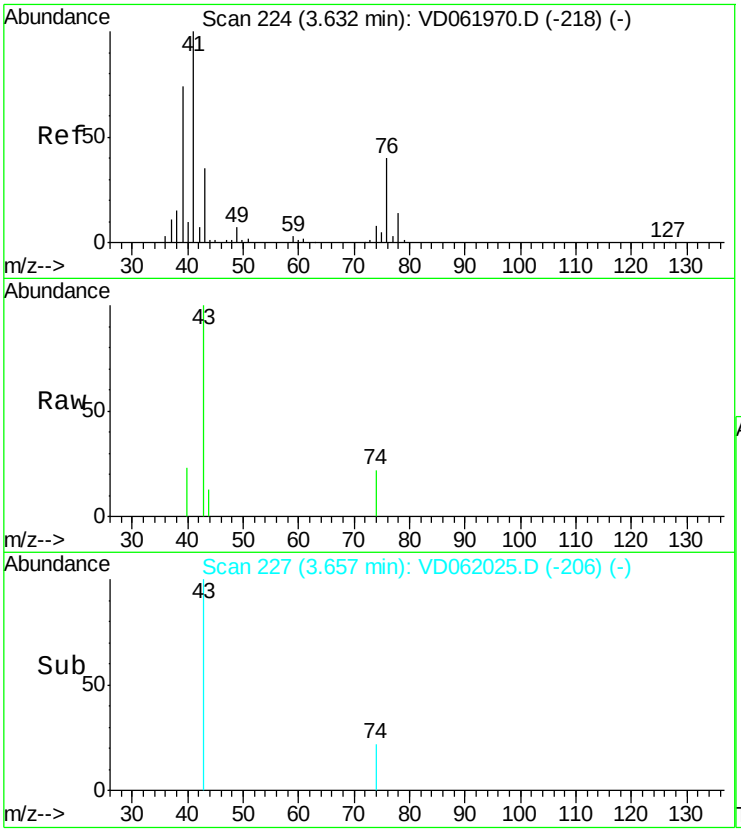


#16
Acetone
Concen: 41.971 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.01 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Tgt Ion: 43 Resp: 33679

Ion	Ratio	Lower	Upper
43	100		
58	27.7	19.9	29.9



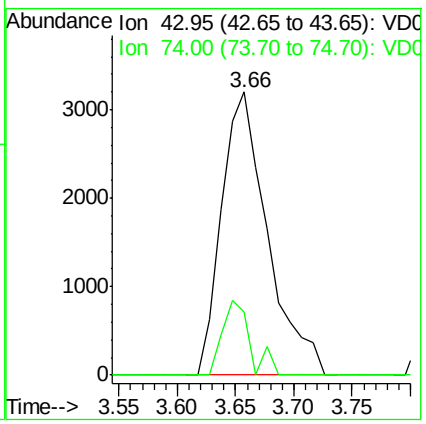


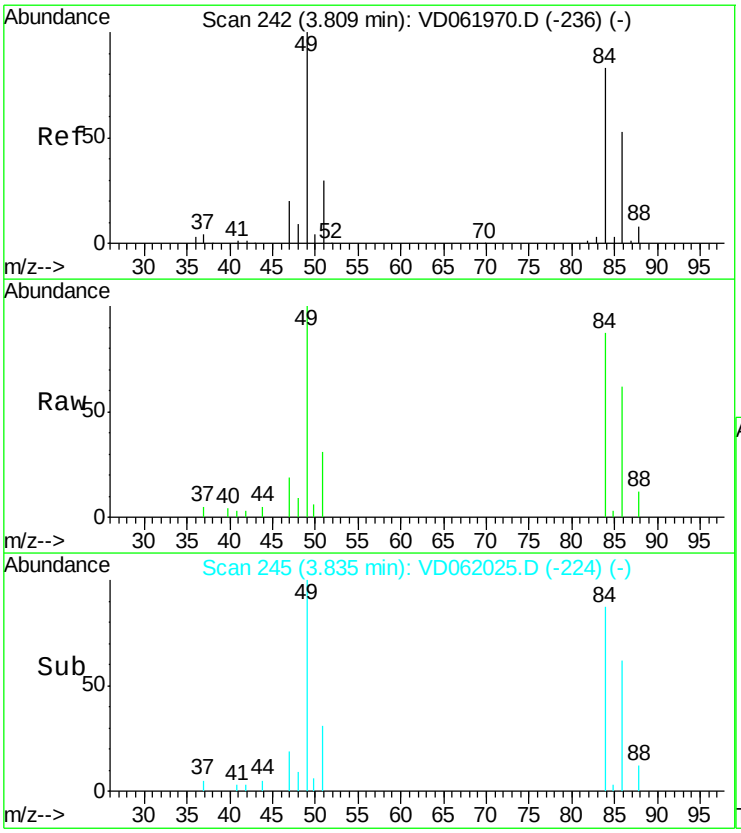
#18
Methyl Acetate
Concen: 4.003 ug/l
RT: 3.66 min Scan# 227
Delta R.T. 0.01 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Instrument : MSVOA_D
ClientSampleId : 135-20

Tgt Ion: 43 Resp: 8720

Ion	Ratio	Lower	Upper
43	100		
74	22.2	18.0	27.0

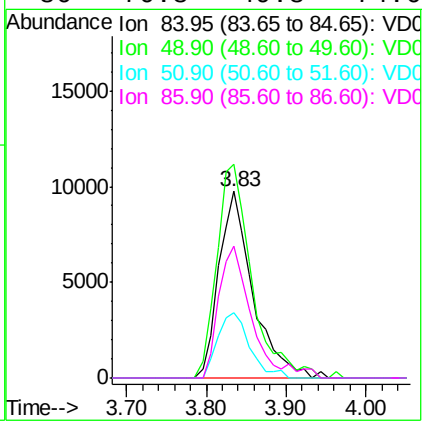


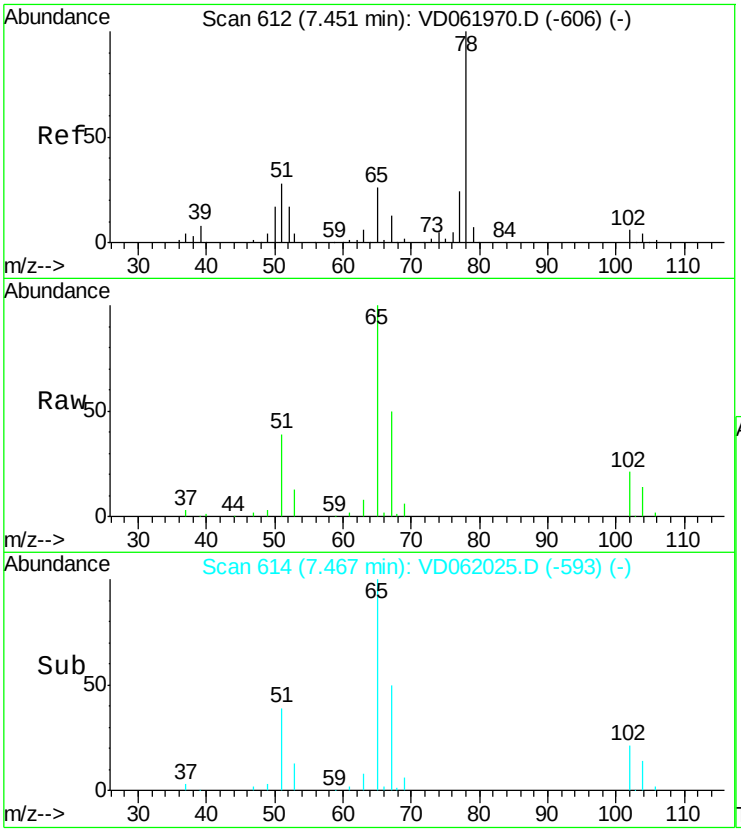


#20
Methylene Chloride
Concen: 4.579 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.01 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Tgt Ion: 84 Resp: 29205

Ion	Ratio	Lower	Upper
84	100		
49	114.4	94.0	141.0
51	35.1	29.0	43.4
86	70.8	49.8	74.6



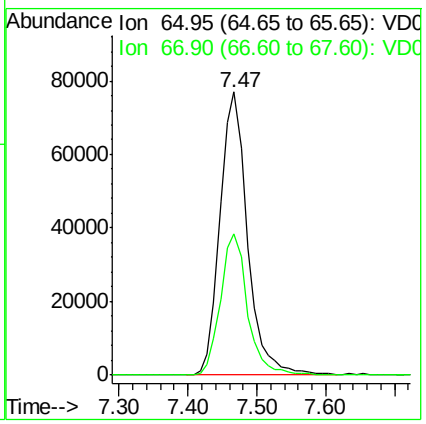


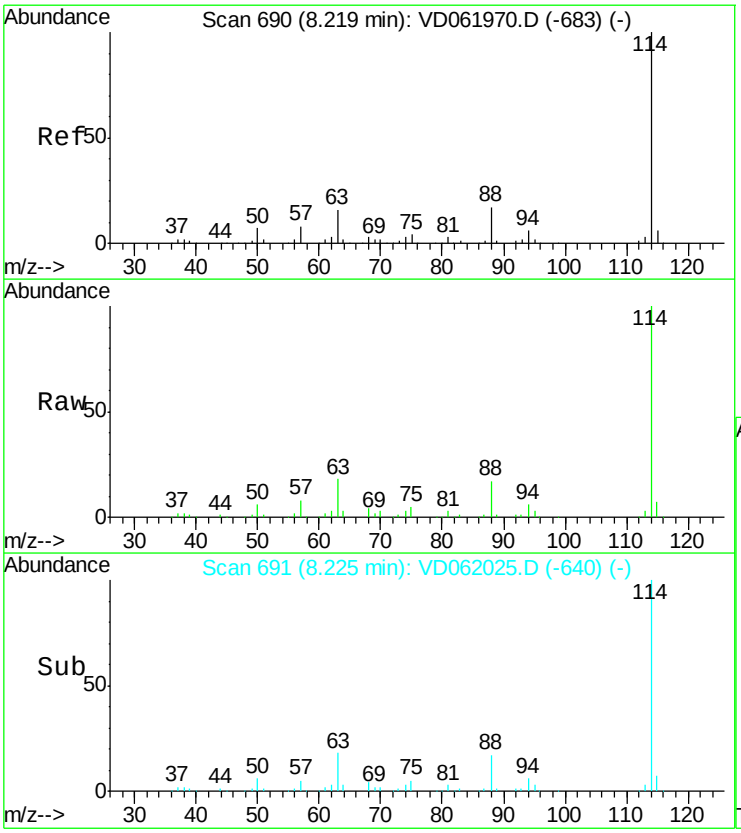
#33
1,2-Dichloroethane-d4
Concen: 63.187 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.01 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Instrument :
MSVOA_D
ClientSampleId :
135-20

Tgt Ion: 65 Resp: 212354

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	98.0

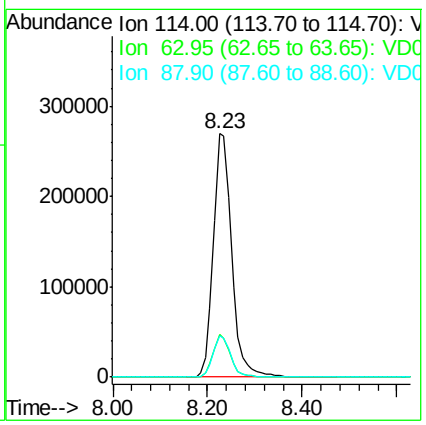


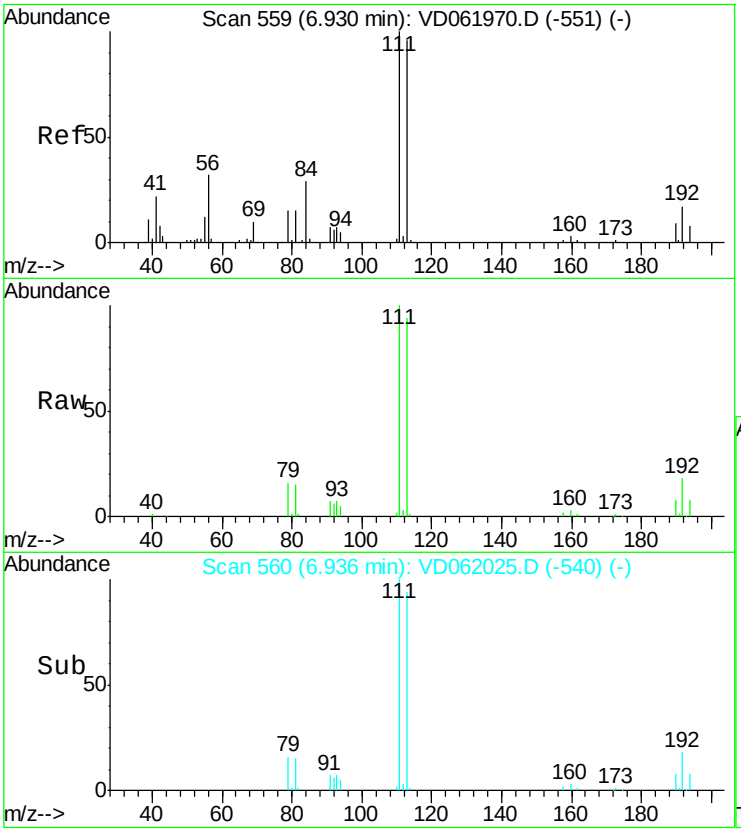


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Tgt Ion:114 Resp: 725002

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	32.4
88	17.1	0.0	33.6



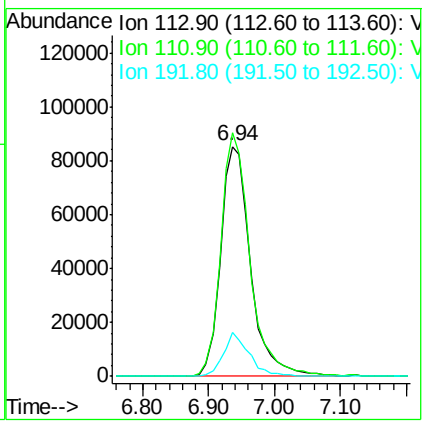


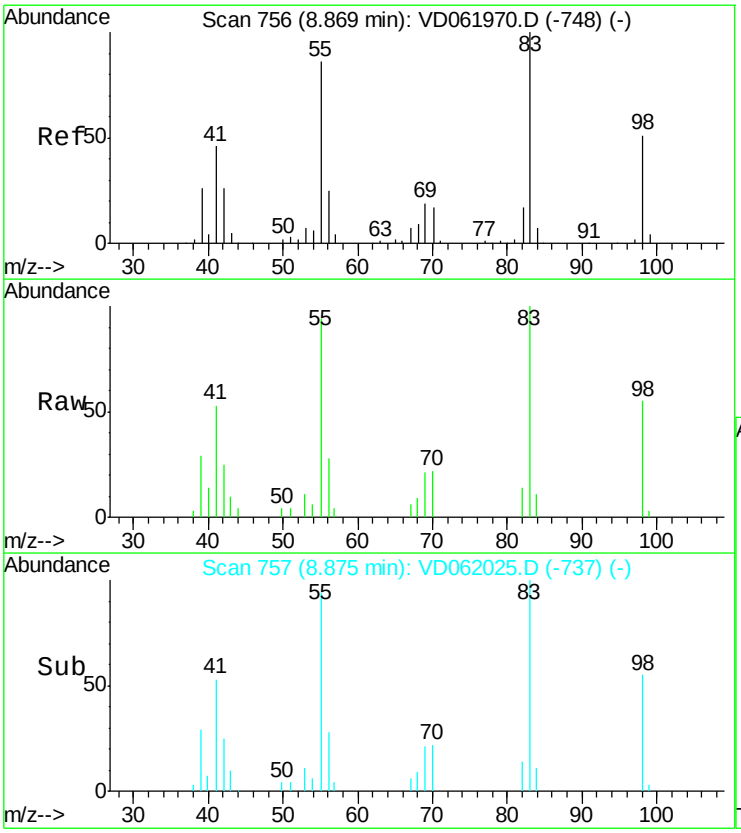
#35
Dibromofluoromethane
Concen: 53.934 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Instrument :
MSVOA_D
ClientSampleId :
135-20

Tgt Ion:113 Resp: 270430

Ion	Ratio	Lower	Upper
113	100		
111	105.9	78.5	117.7
192	19.0	13.0	19.4

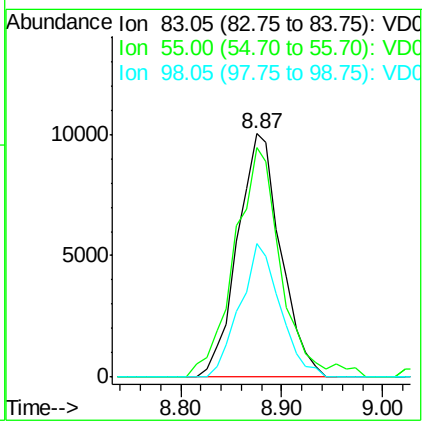


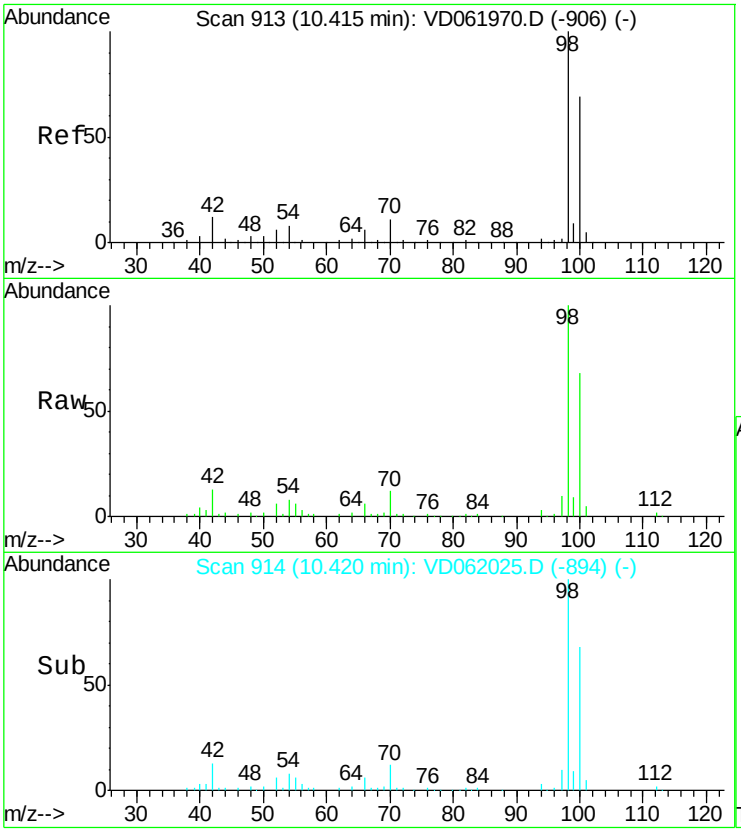


#39
Methylcyclohexane
Concen: 5.361 ug/l
RT: 8.87 min Scan# 757
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Tgt Ion: 83 Resp: 29875

Ion	Ratio	Lower	Upper
83	100		
55	94.1	68.2	102.4
98	54.9	38.2	57.4



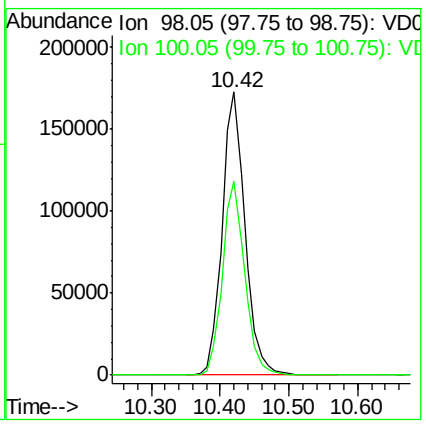


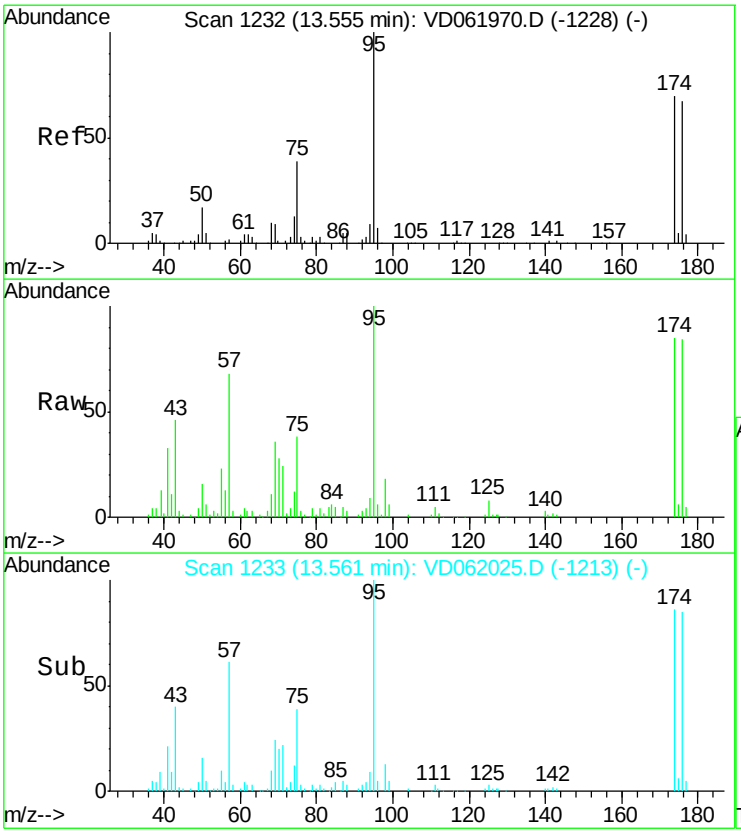
#50
Toluene-d8
Concen: 33.163 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Instrument :
MSVOA_D
ClientSampleId :
135-20

Tgt Ion: 98 Resp: 395673

Ion	Ratio	Lower	Upper
98	100		
100	68.5	53.8	80.8

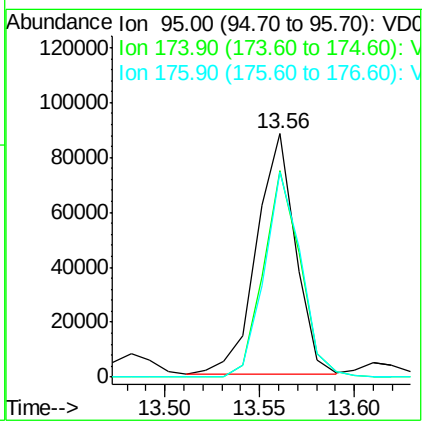


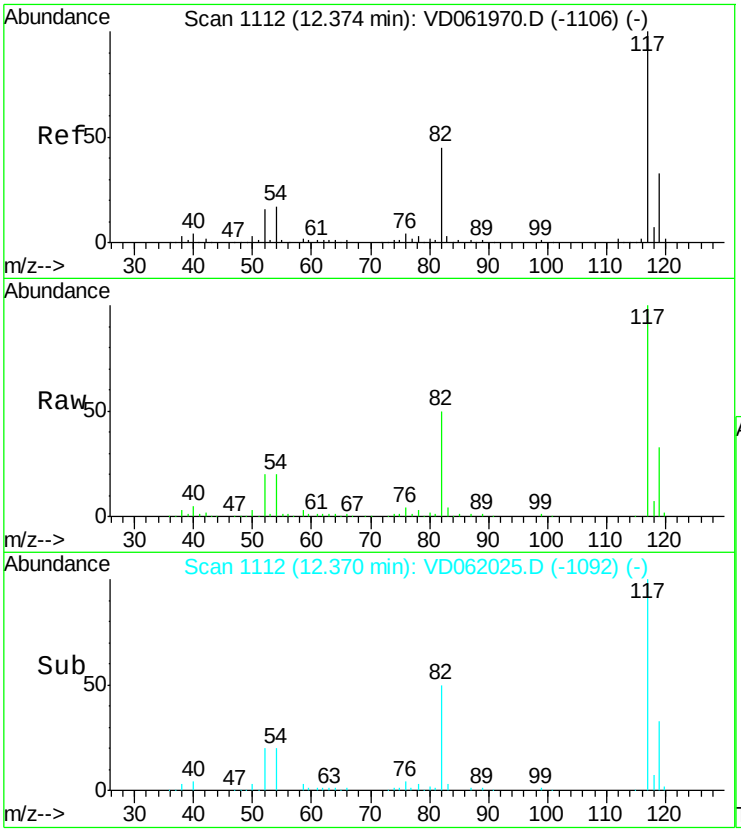


#62
4-Bromofluorobenzene
Concen: 26.258 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Tgt Ion: 95 Resp: 125656

Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	181.8
176	84.4	0.0	174.4



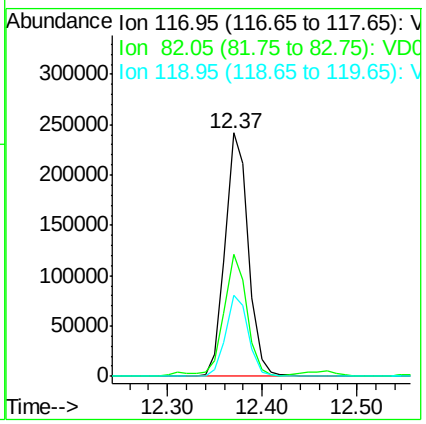


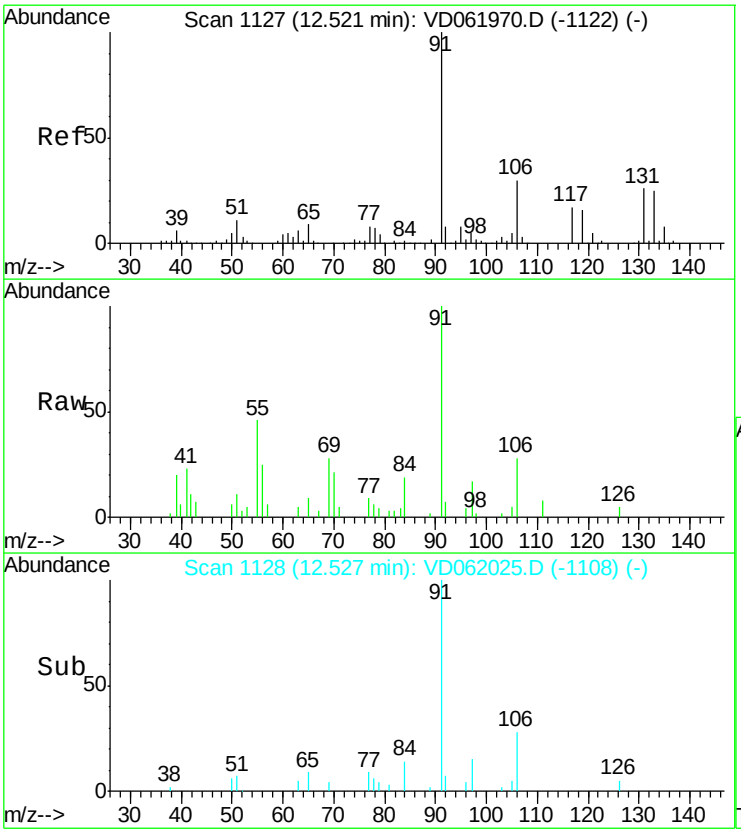
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Instrument : MSVOA_D
ClientSampleId : 135-20

Tgt Ion:117 Resp: 410250

Ion	Ratio	Lower	Upper
117	100		
82	50.2	36.2	54.2
119	33.2	26.2	39.4

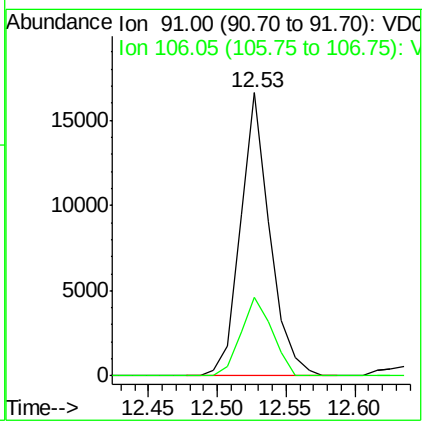


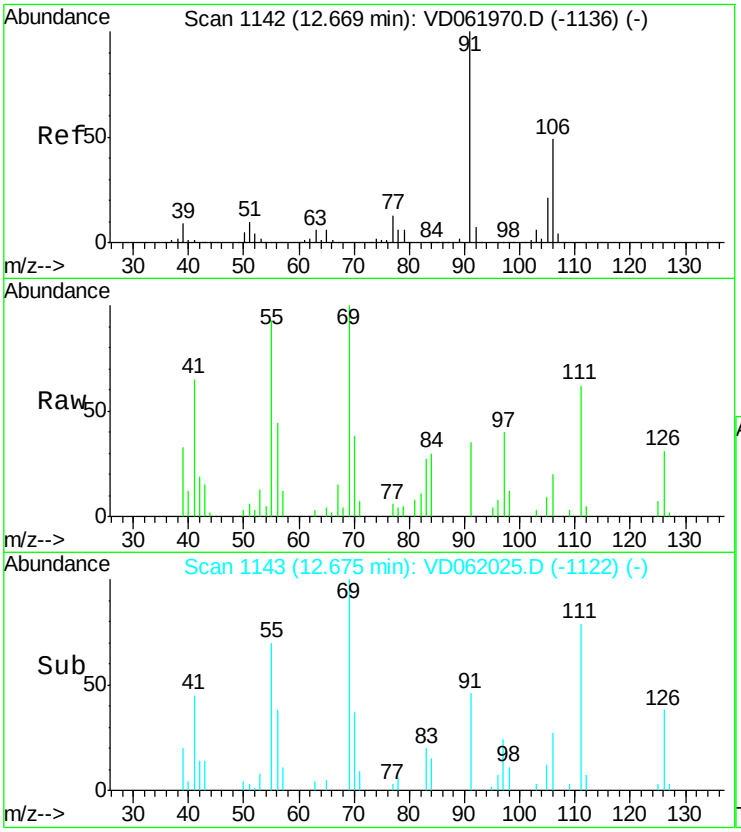


#67
Ethyl Benzene
Concen: 1.961 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Tgt Ion: 91 Resp: 24807

Ion	Ratio	Lower	Upper
91	100		
106	27.7	24.7	37.1



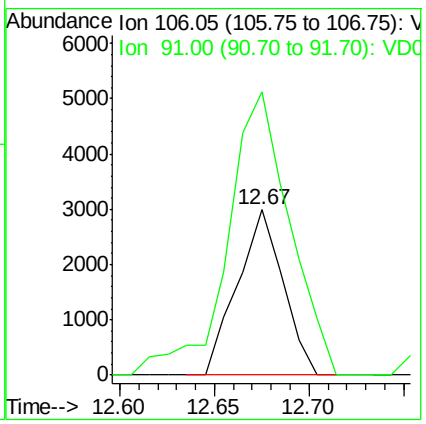


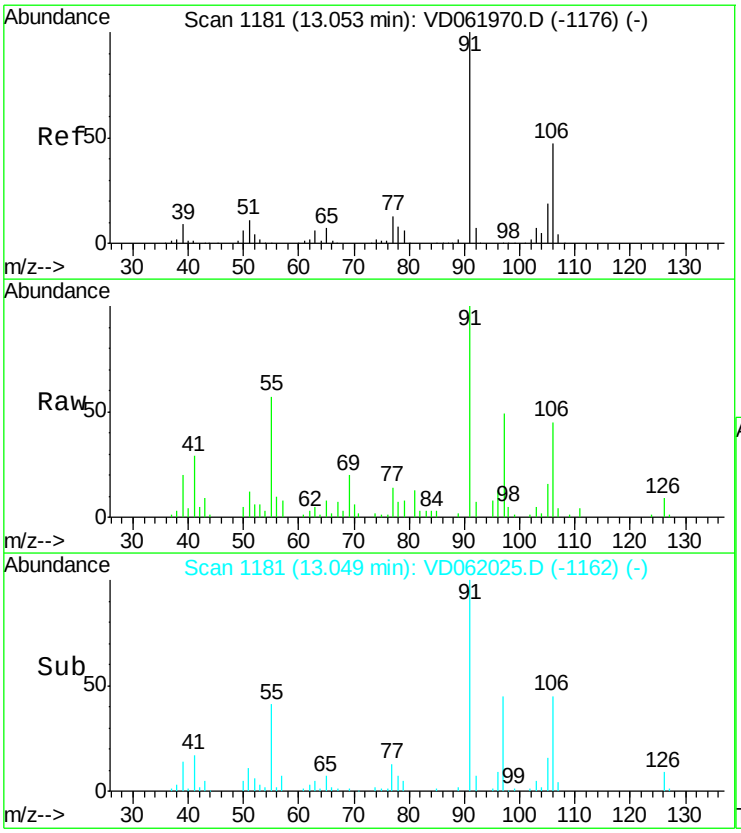
#68
m/p-Xylenes
Concen: 1.091 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Instrument :
MSVOA_D
ClientSampleId :
135-20

Tgt Ion:106 Resp: 4988

Ion	Ratio	Lower	Upper
106	100		
91	171.5	164.0	246.0

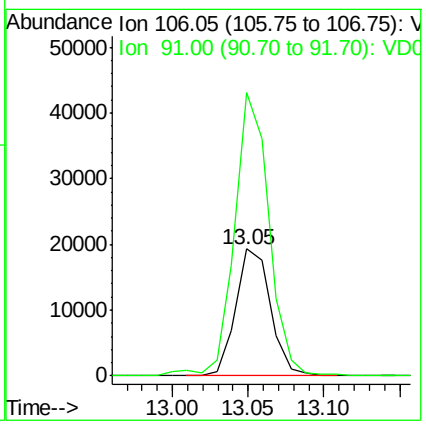


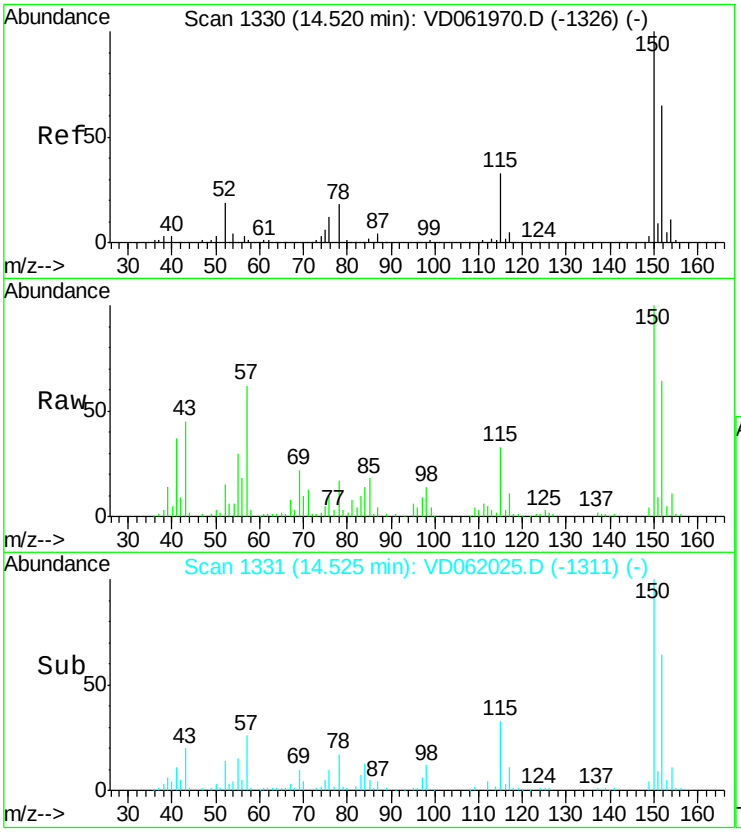


#69
o-Xylene
Concen: 7.343 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Tgt Ion:106 Resp: 30727

Ion	Ratio	Lower	Upper
106	100		
91	223.4	106.7	319.9



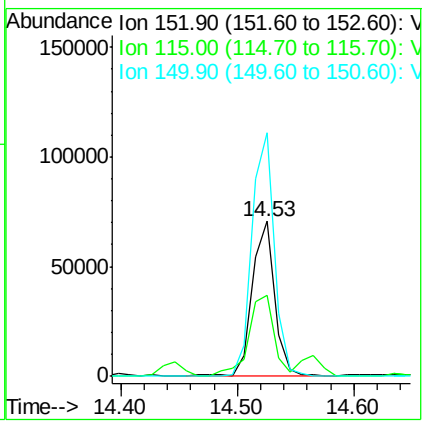


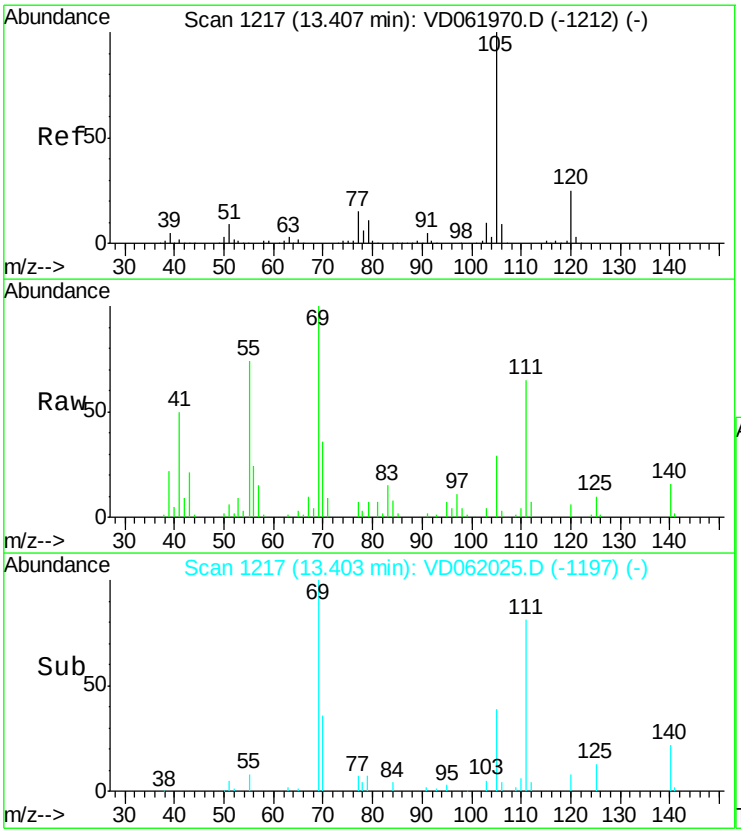
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Instrument :
MSVOA_D
ClientSampleId :
135-20

Tgt Ion:152 Resp: 94930

Ion	Ratio	Lower	Upper
152	100		
115	52.4	30.9	92.7
150	157.1	0.0	314.8

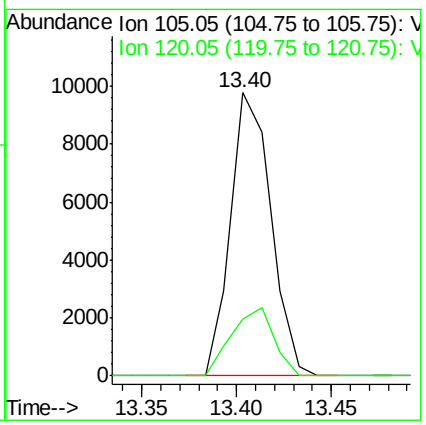


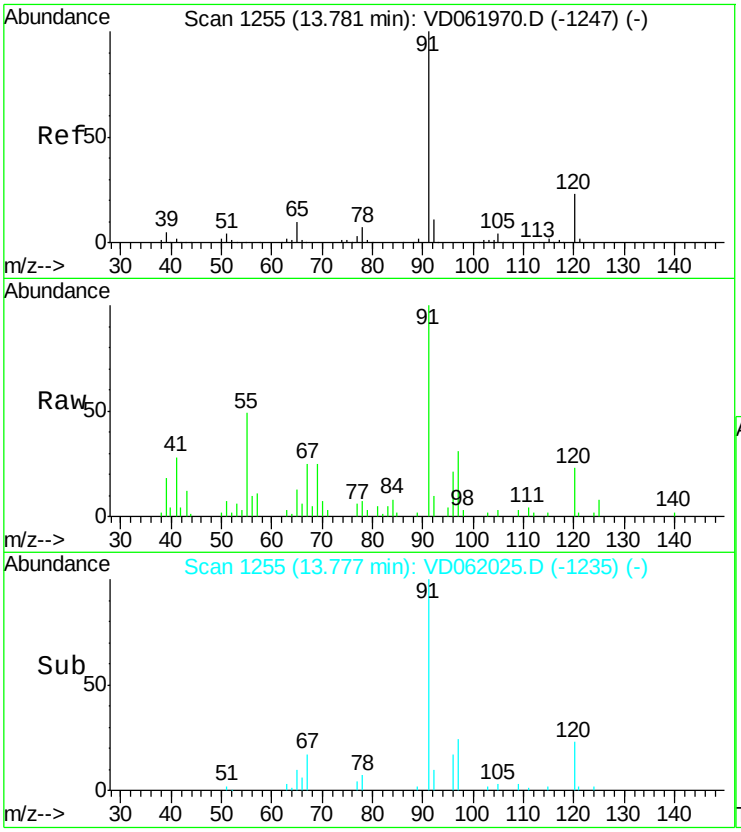


#73
Isopropylbenzene
Concen: 2.275 ug/l
RT: 13.40 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Tgt Ion:105 Resp: 14407

Ion	Ratio	Lower	Upper
105	100		
120	20.0	12.0	36.1



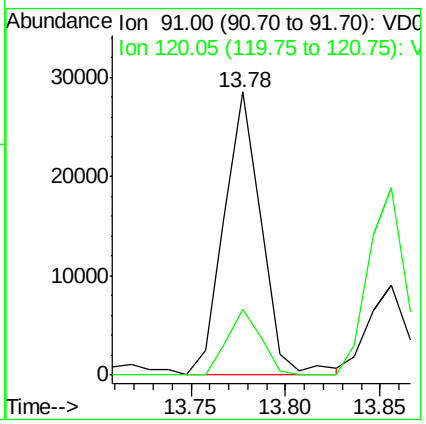


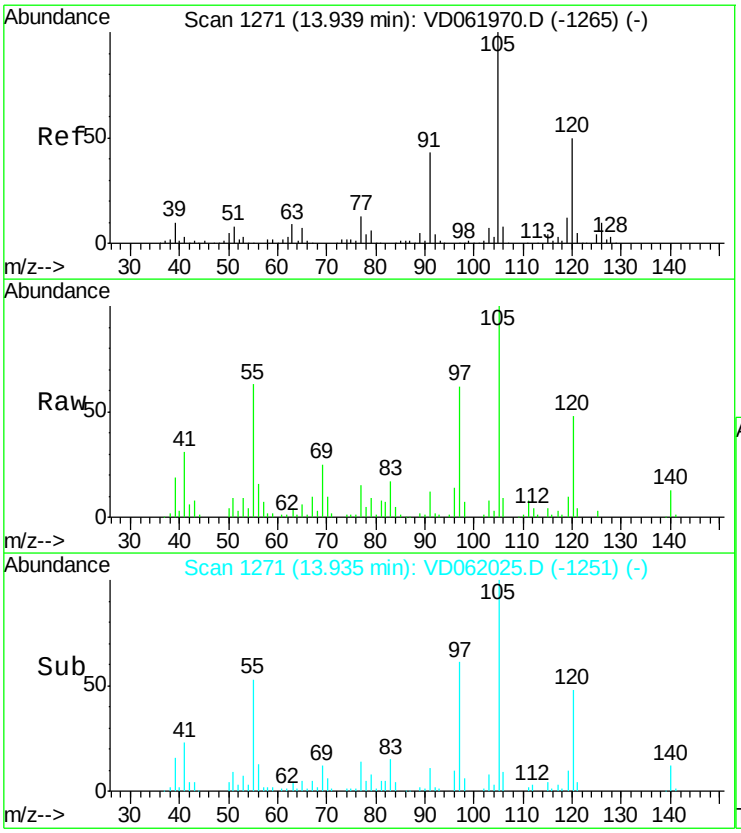
#78
n-propylbenzene
Concen: 5.365 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Instrument :
MSVOA_D
ClientSampleId :
135-20

Tgt Ion: 91 Resp: 38893

Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.1	33.1

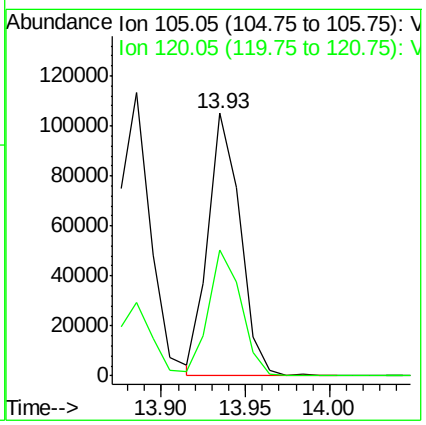


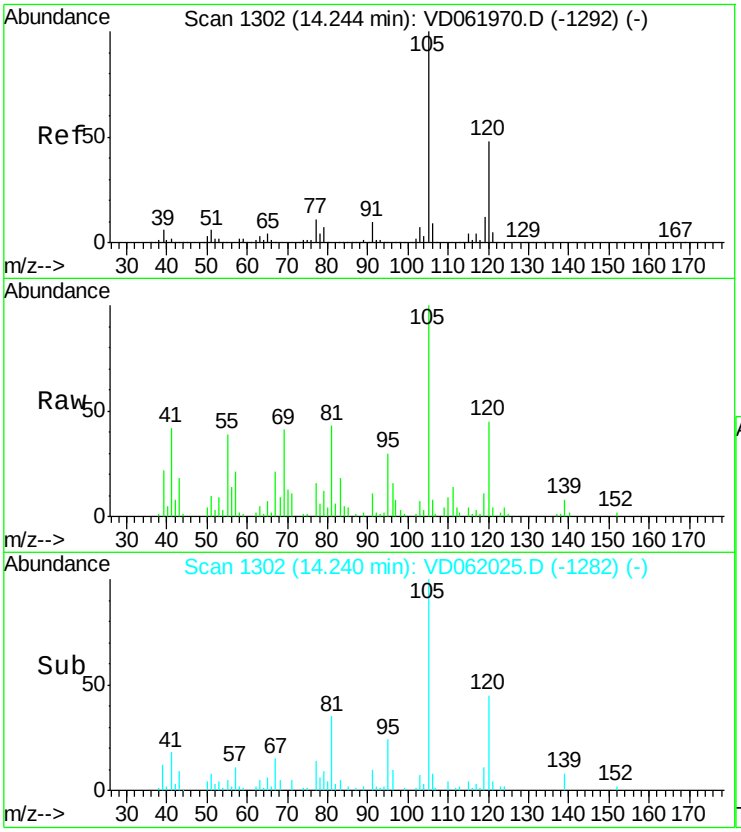


#80
1,3,5-Trimethylbenzene
Concen: 27.685 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Tgt Ion:105 Resp: 139792

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.0	72.0



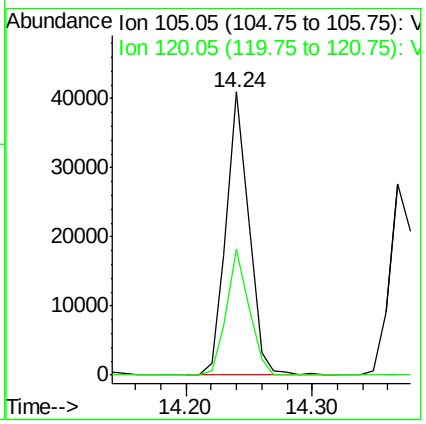


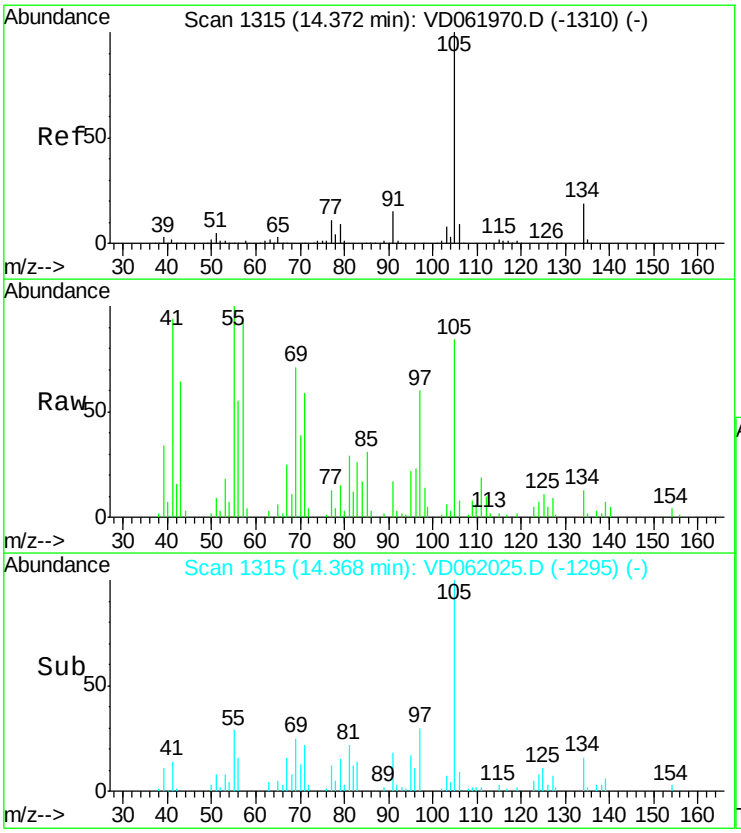
#84
1,2,4-Trimethylbenzene
Concen: 10.592 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Instrument :
MSVOA_D
ClientSampleId :
135-20

Tgt Ion:105 Resp: 51067

Ion	Ratio	Lower	Upper
105	100		
120	44.6	23.1	69.2

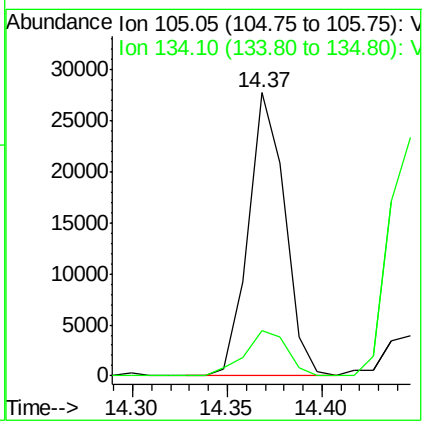


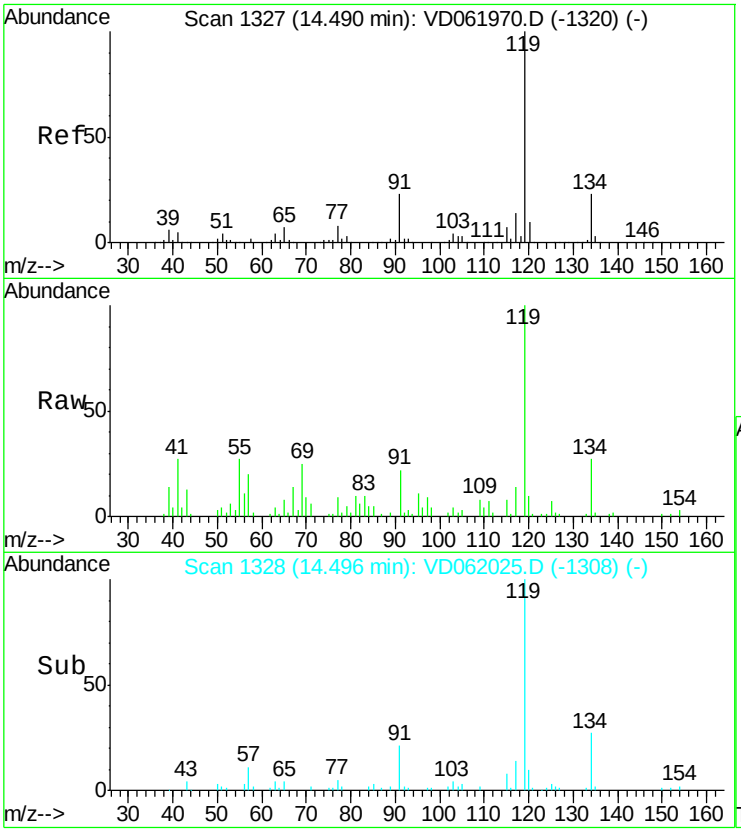


#85
sec-Butylbenzene
Concen: 5.855 ug/l
RT: 14.37 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Tgt Ion:105 Resp: 37004

Ion	Ratio	Lower	Upper
105	100		
134	16.0	8.9	26.7





#86
p-Isopropyltoluene
Concen: 10.764 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. 0.00 min
Lab File: VD062025.D
Acq: 25 Apr 2019 7:15

Instrument :
MSVOA_D
ClientSampleId :
135-20

Tgt Ion:119 Resp: 60886

Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.8	38.3
91	22.3	10.7	32.1