

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062577.D
 Acq On : 31 May 2019 21:19
 Operator : VA/AP
 Sample : K3146-01
 Misc : 1.06g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRI-DRUM

Quant Time: Jun 01 00:24:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	306282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	402734	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	249253	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	109681	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	208165	57.96	ug/l	0.00
Spiked Amount			Recovery	=	115.92%	
35) Dibromofluoromethane	6.94	113	186609	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	10.42	98	234732	29.19	ug/l	0.00
Spiked Amount			Recovery	=	58.38%	
62) 4-Bromofluorobenzene	13.56	95	90339	24.91	ug/l	0.00
Spiked Amount			Recovery	=	49.82%	

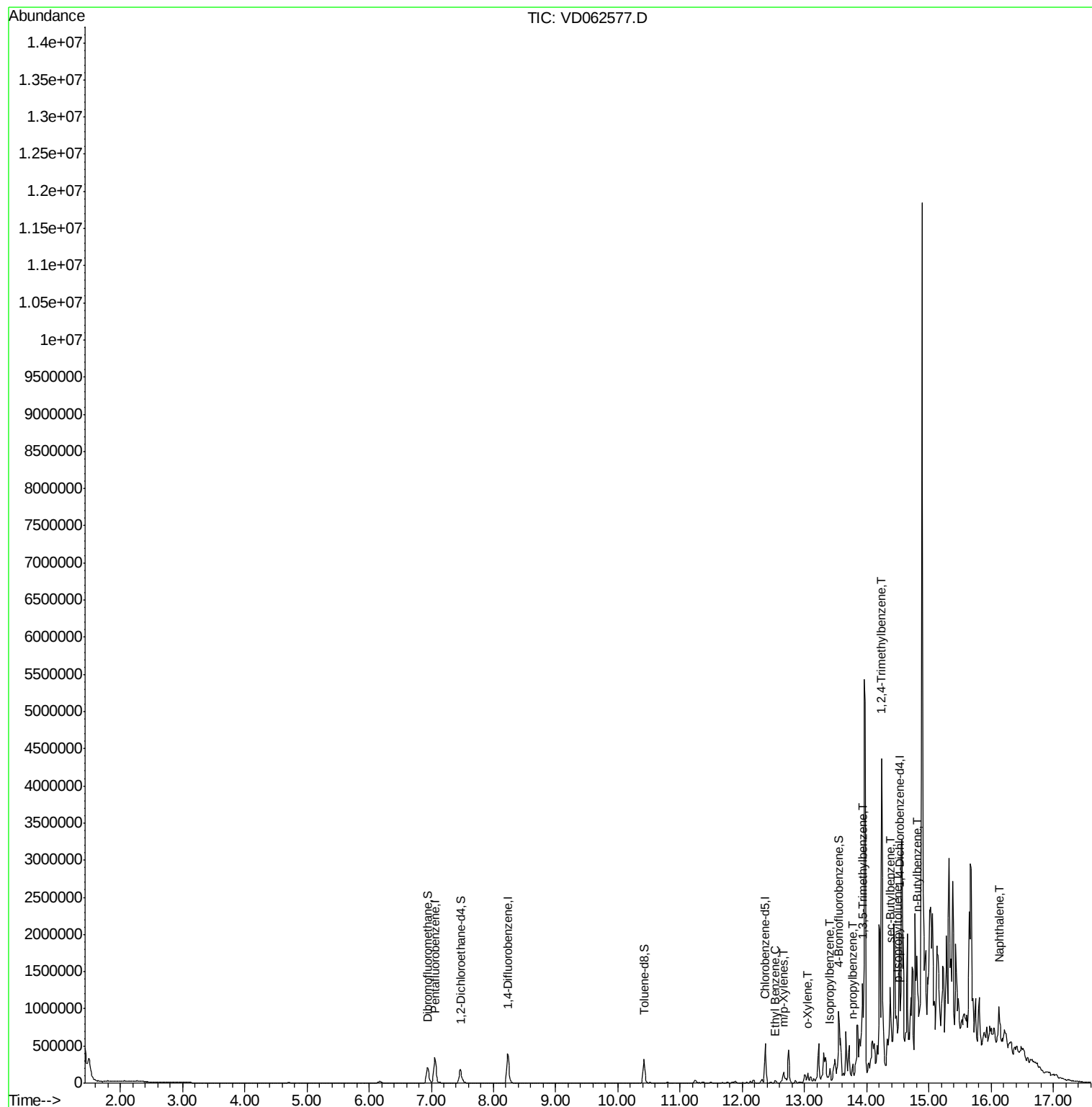
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	12.53	91	20185	2.269	ug/l	100
68) m/p-Xylenes	12.67	106	31784	10.328	ug/l	89
69) o-Xylene	13.05	106	20512	6.987	ug/l	66
73) Isopropylbenzene	13.40	105	23474	3.246	ug/l	97
78) n-propylbenzene	13.78	91	112767	13.530	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	306043	49.532	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	1653832	262.677	ug/l	99
85) sec-Butylbenzene	14.37	105	112729	15.435	ug/l	96
86) p-Isopropyltoluene	14.50	119	123217	18.058	ug/l	96
89) n-Butylbenzene	14.80	91	304298	49.957	ug/l	95
95) Naphthalene	16.13	128	323272	102.686	ug/l	98

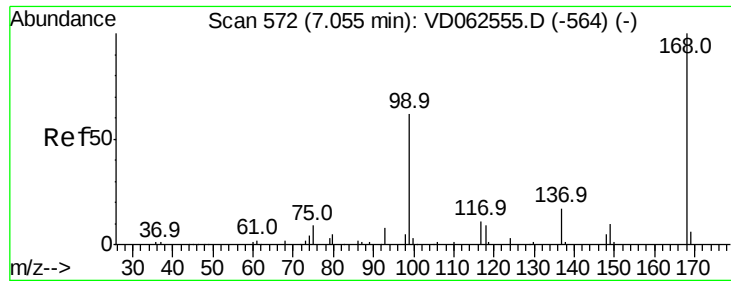
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
Data File : VD062577.D
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Misc : 1.06g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OILY-DEBRI-DRUM

Quant Time: Jun 01 00:24:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

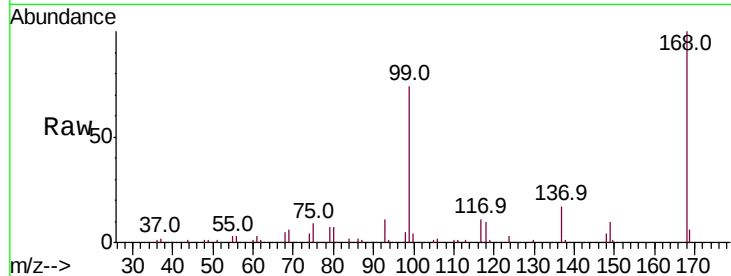
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

Tot Ion:168 Resp: 306282

Ion Ratio Lower Upper

168 100

99 73.6 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

120000

100000

80000

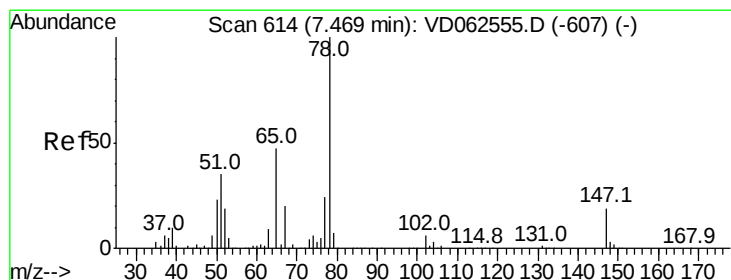
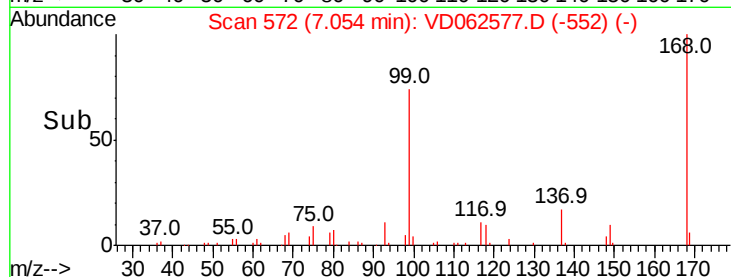
60000

40000

20000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 57.965 ug/l

RT: 7.47 min Scan# 614

Delta R.T. -0.00 min

Lab File: VD062577.D

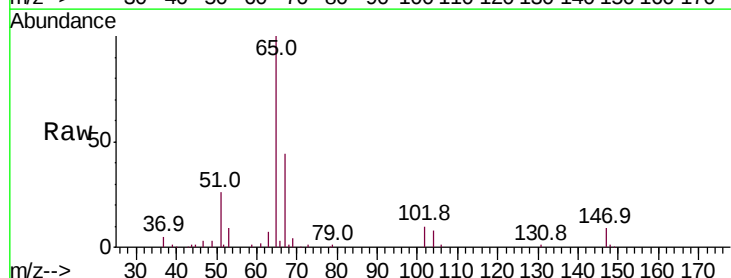
Acq: 31 May 2019 21:19

Tgt Ion: 65 Resp: 208165

Ion Ratio Lower Upper

65 100

67 44.4 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

80000

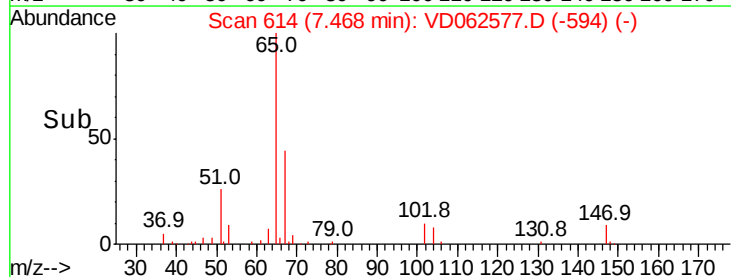
60000

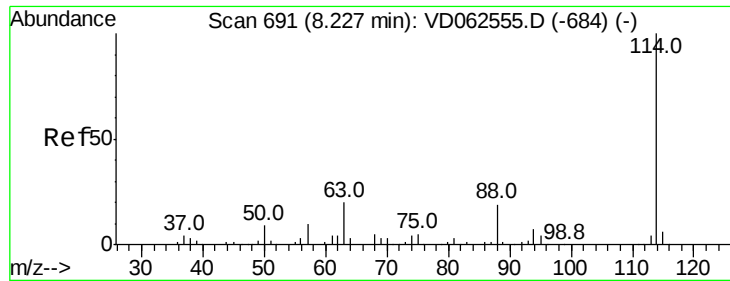
40000

20000

0

Time--> 7.30 7.40 7.50 7.60

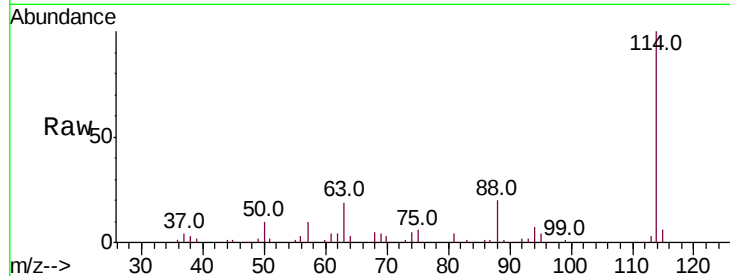




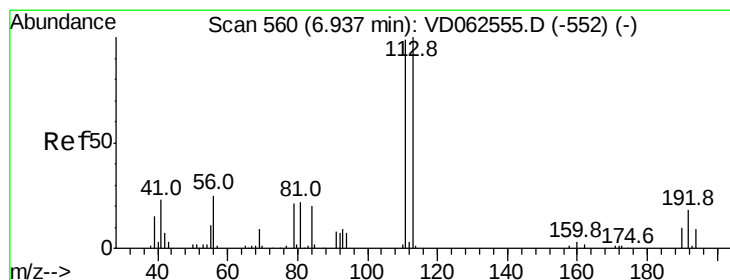
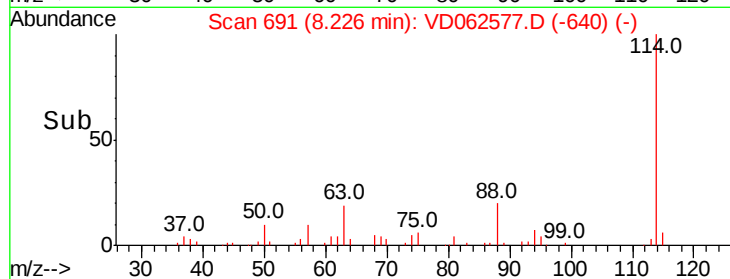
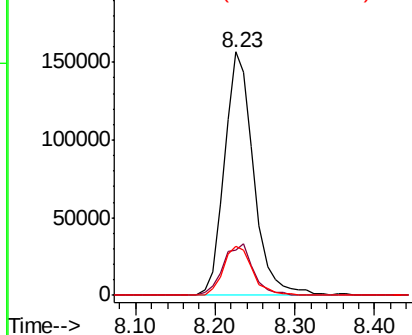
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VD062577.D
 Acq: 31 May 2019 21:19

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRI-DRUM

Tot Ion:114 Resp: 402734
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.6
 88 20.1 0.0 37.6

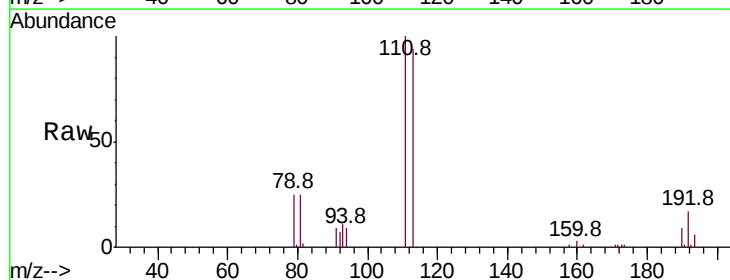


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

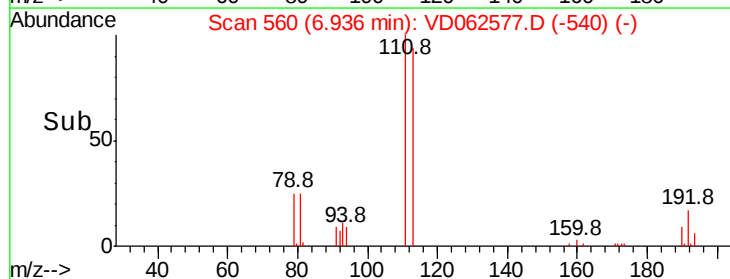
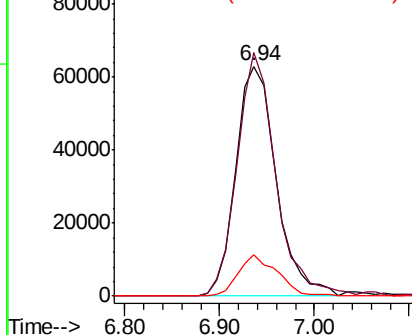


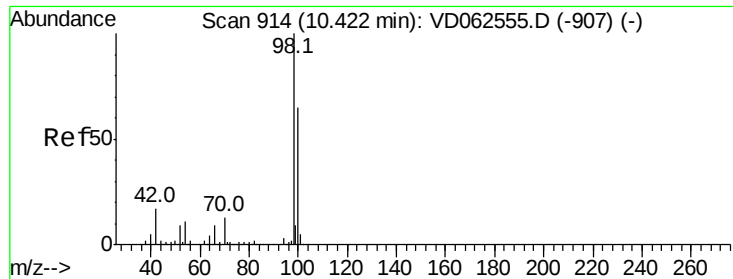
#35
 Dibromofluoromethane
 Concen: 50.848 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: VD062577.D
 Acq: 31 May 2019 21:19

Tgt Ion:113 Resp: 186609
 Ion Ratio Lower Upper
 113 100
 111 105.9 78.8 118.2
 192 17.9 14.6 22.0



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

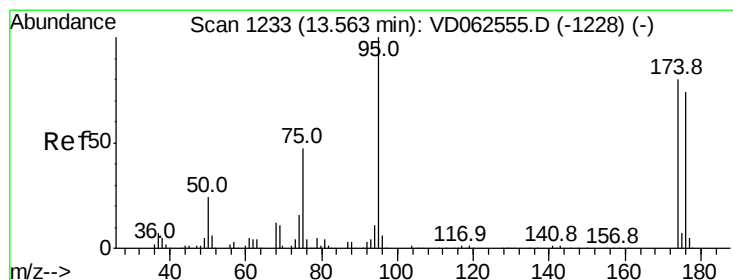
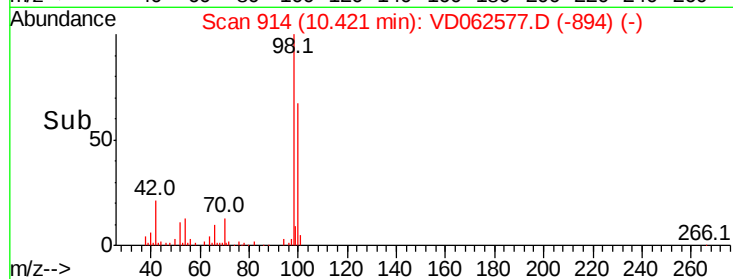
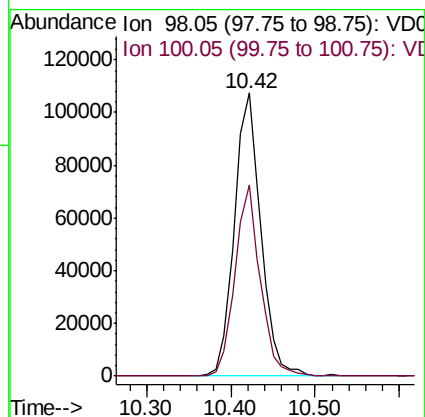
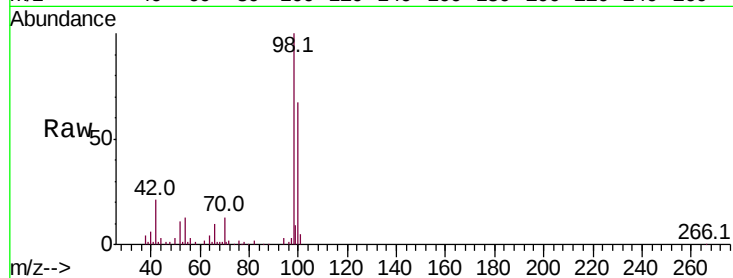




#50
Toluene-d8
Concen: 29.192 ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

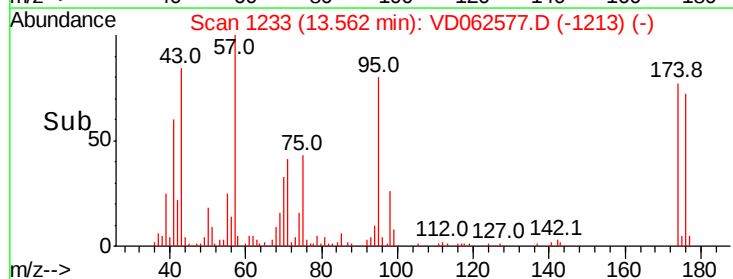
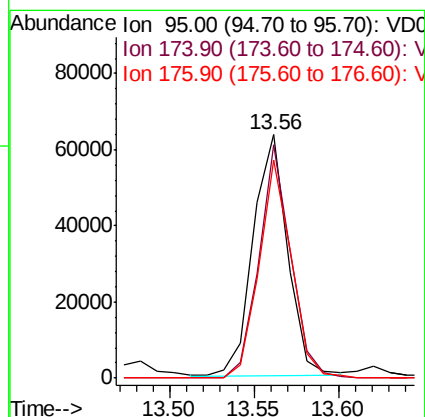
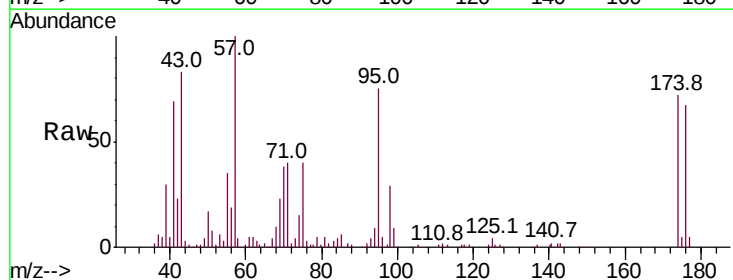
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

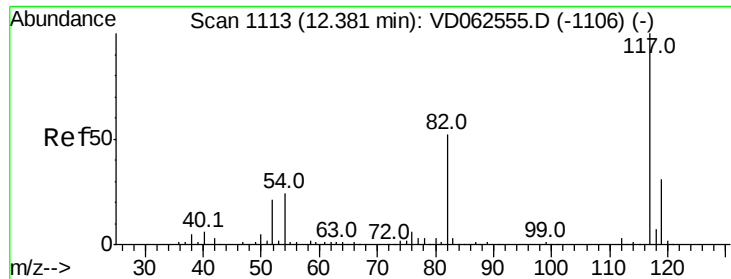
Tot Ion: 98 Resp: 234732
Ion Ratio Lower Upper
98 100
100 67.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 24.912 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

Tgt Ion: 95 Resp: 90339
Ion Ratio Lower Upper
95 100
174 95.9 0.0 160.2
176 89.5 0.0 148.0

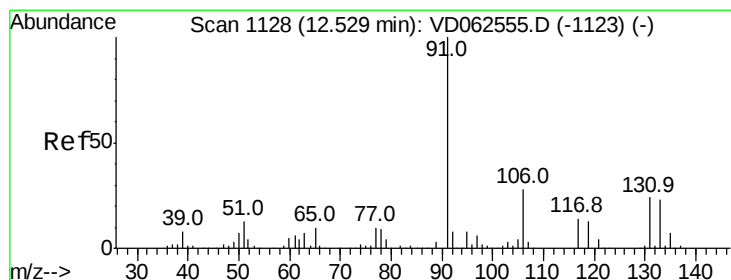
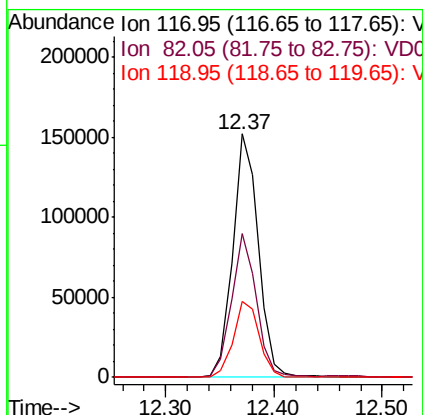
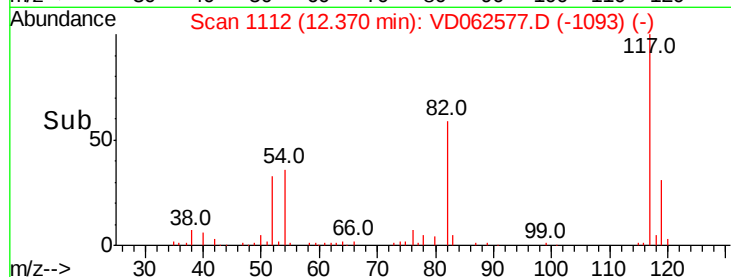
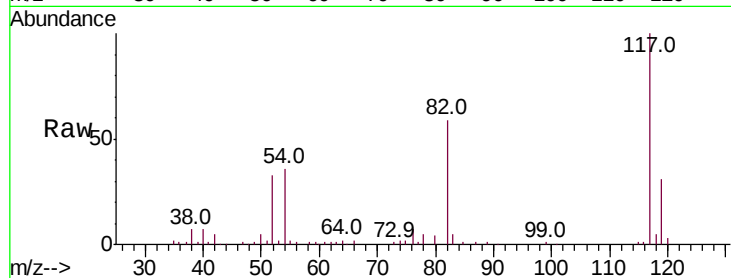




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

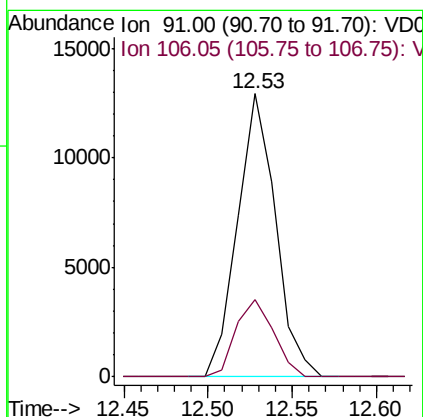
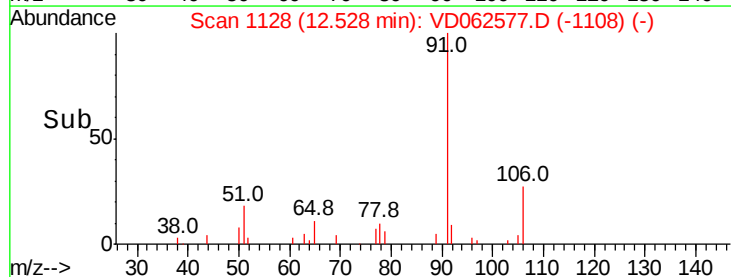
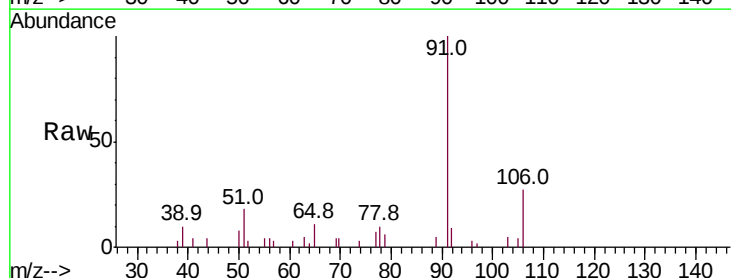
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

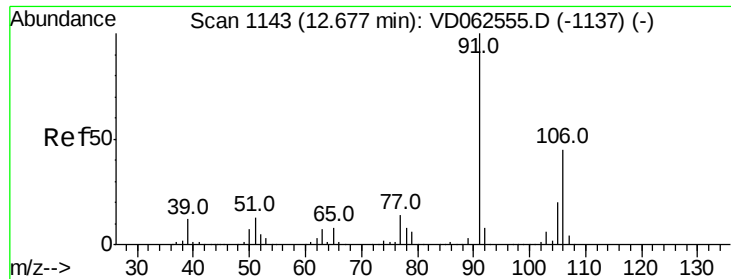
Tot Ion:117 Resp: 249253
Ion Ratio Lower Upper
117 100
82 59.2 41.4 62.2
119 31.0 24.9 37.3



#67
Ethyl Benzene
Concen: 2.269 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

Tgt Ion: 91 Resp: 20185
Ion Ratio Lower Upper
91 100
106 27.4 22.2 33.2

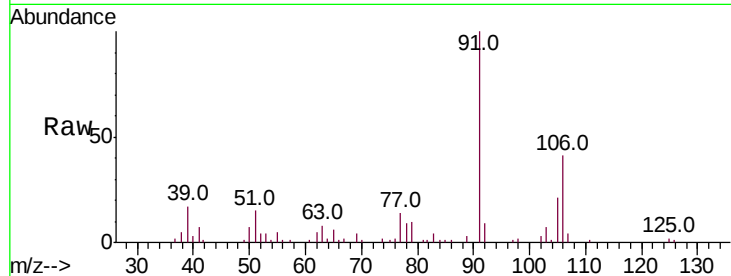




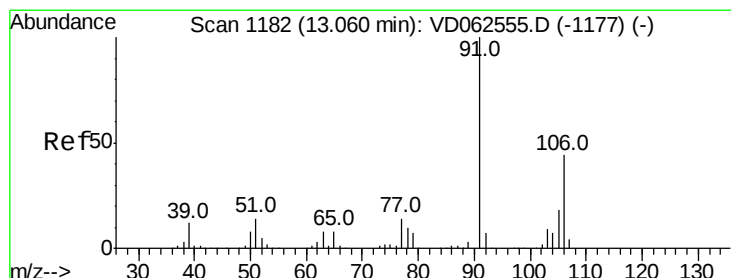
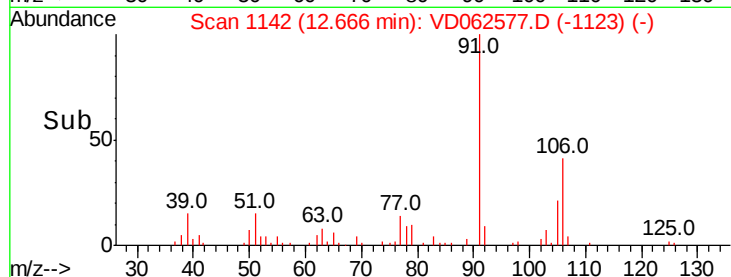
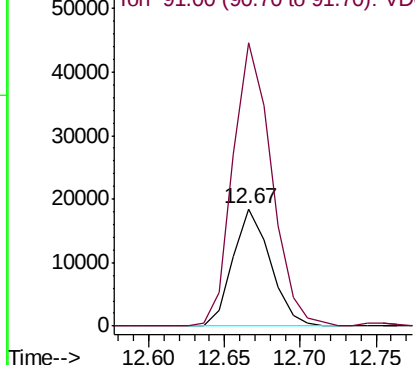
#68
m/p-Xylenes
Concen: 10.328 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

Tot Ion:106 Resp: 31784
Ion Ratio Lower Upper
106 100
91 241.6 178.9 268.3

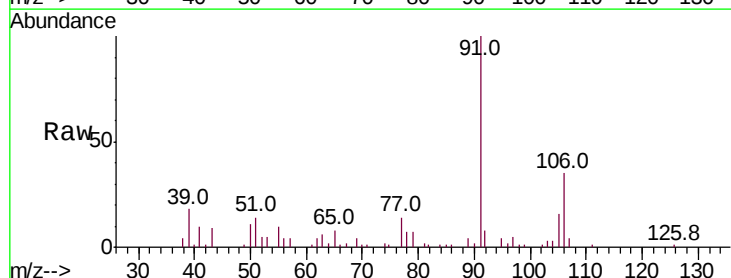


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

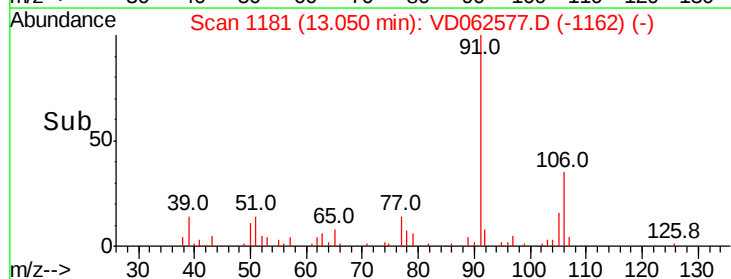
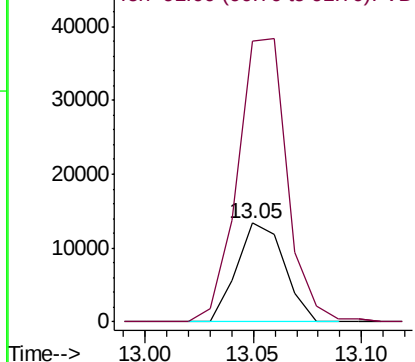


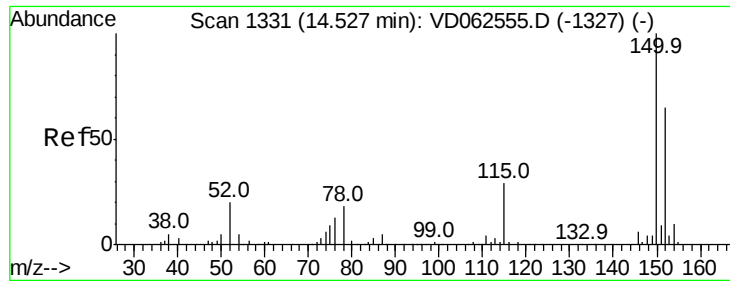
#69
o-Xylene
Concen: 6.987 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

Tgt Ion:106 Resp: 20512
Ion Ratio Lower Upper
106 100
91 283.4 113.9 341.8



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. -0.00 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Instrument :

MSVOA_D

ClientSampleId :

OILY-DEBRI-DRUM

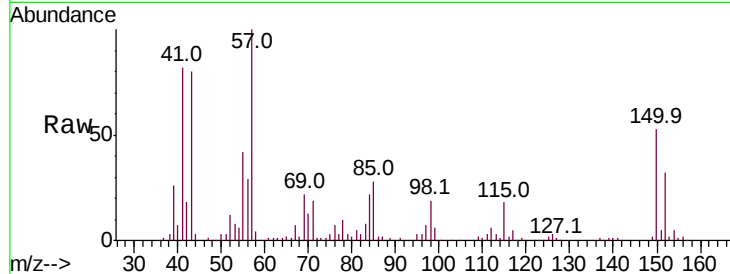
Tot Ion:152 Resp: 109681

Ion Ratio Lower Upper

152 100

115 55.9 28.4 85.3

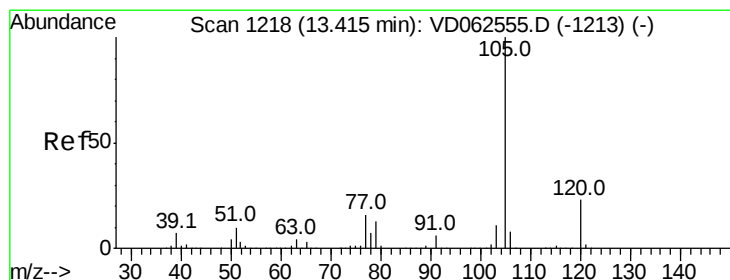
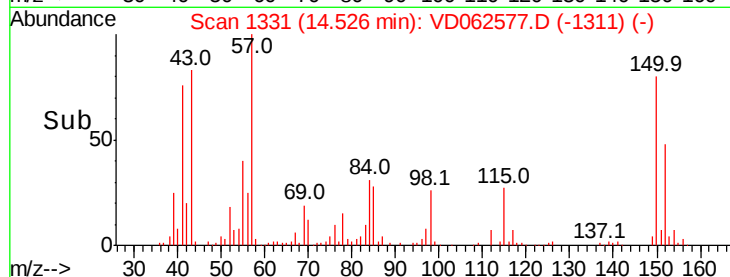
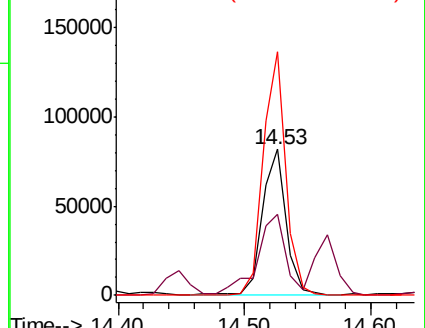
150 166.9 0.0 310.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 3.246 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VD062577.D

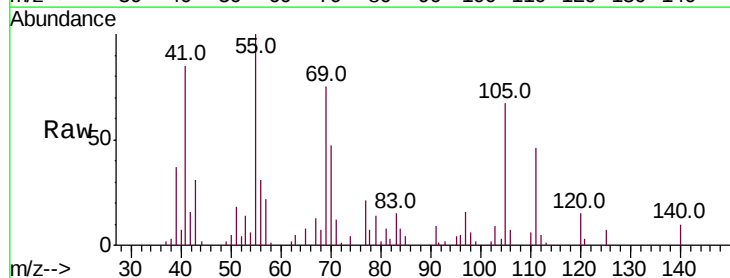
Acq: 31 May 2019 21:19

Tgt Ion:105 Resp: 23474

Ion Ratio Lower Upper

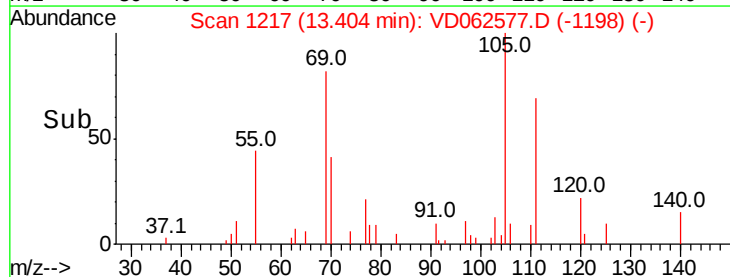
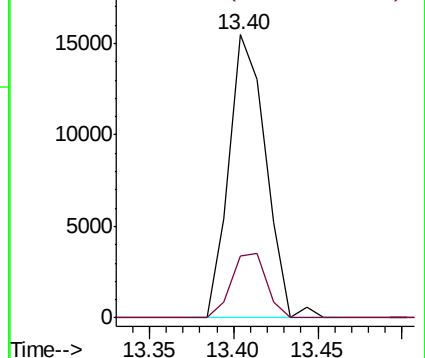
105 100

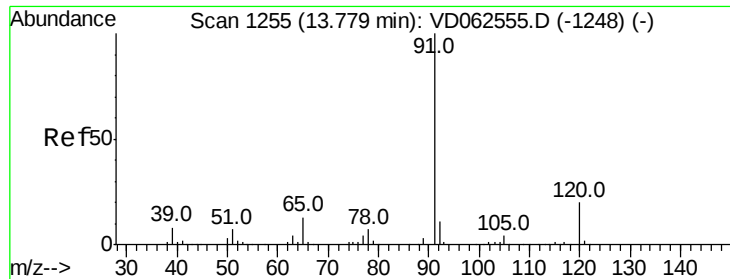
120 21.8 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

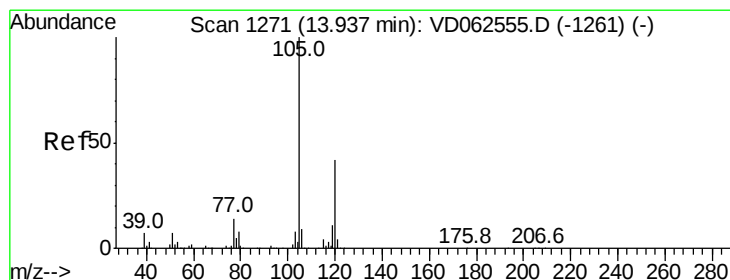
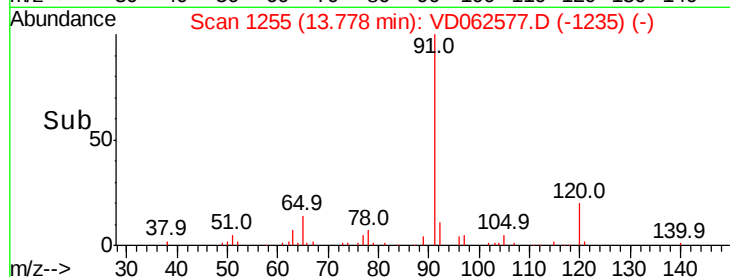
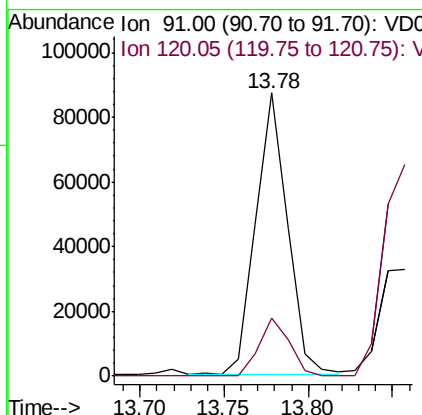
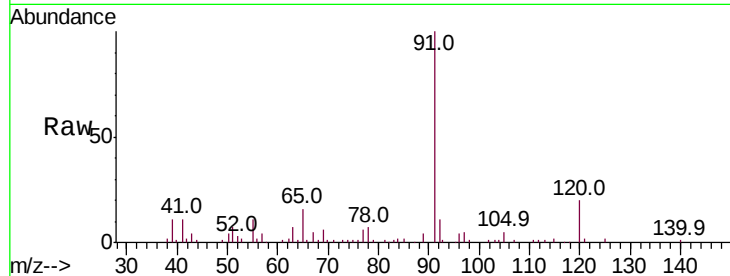




#78
n-propylbenzene
Concen: 13.530 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

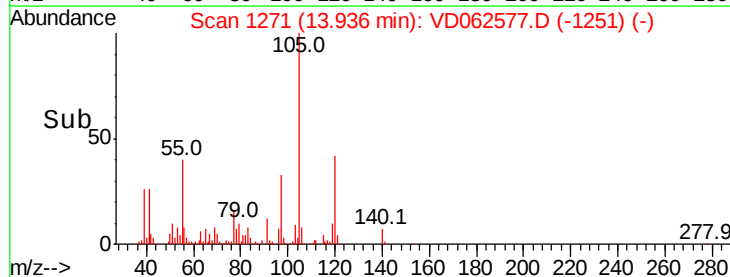
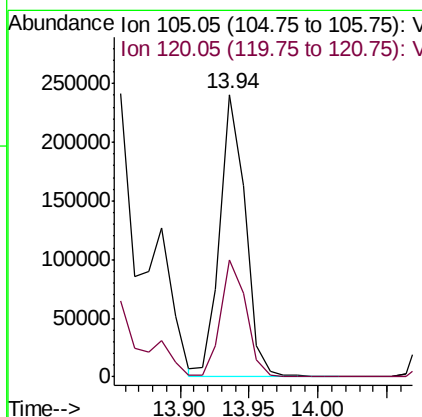
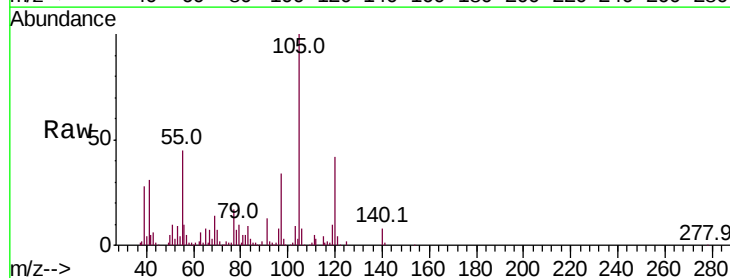
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

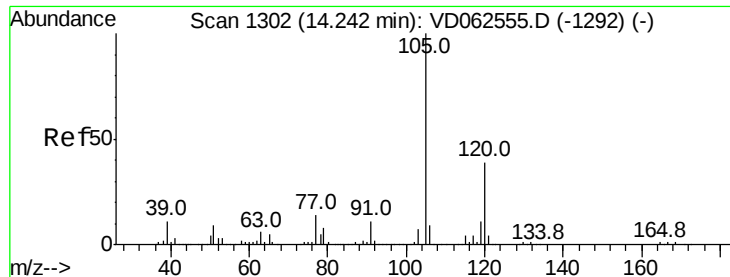
Tot Ion: 91 Resp: 112767
Ion Ratio Lower Upper
91 100
120 20.4 10.0 29.8



#80
1,3,5-Trimethylbenzene
Concen: 49.532 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

Tgt Ion:105 Resp: 306043
Ion Ratio Lower Upper
105 100
120 41.5 20.8 62.5

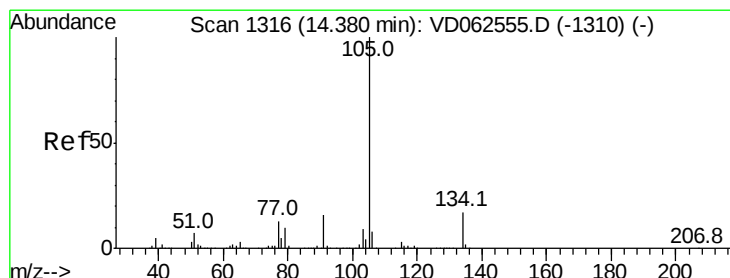
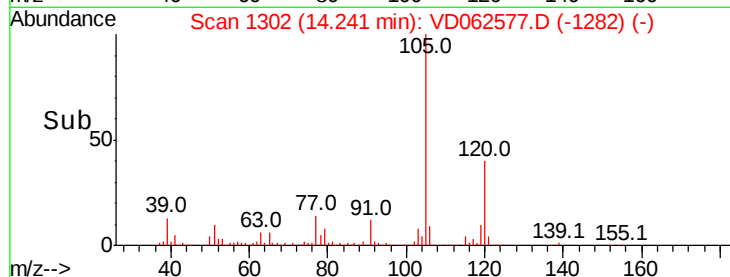
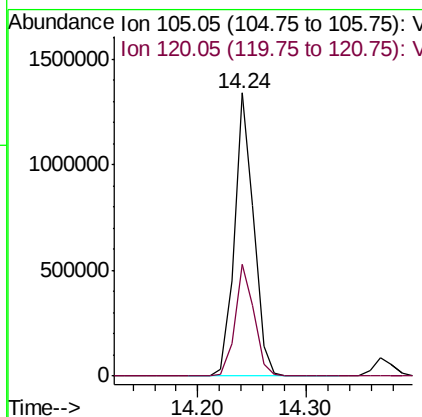
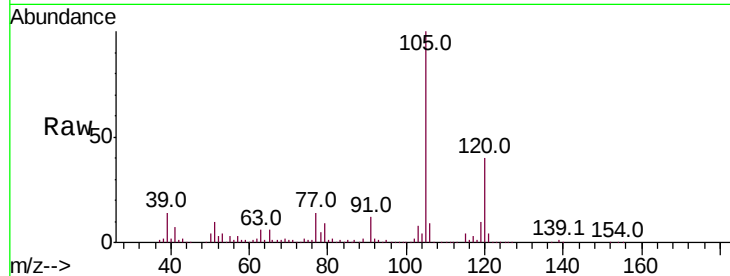




#84
 1,2,4-Trimethylbenzene
 Concen: 262.677 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VD062577.D
 Acq: 31 May 2019 21:19

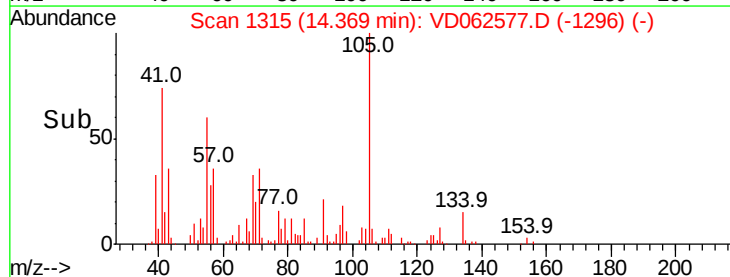
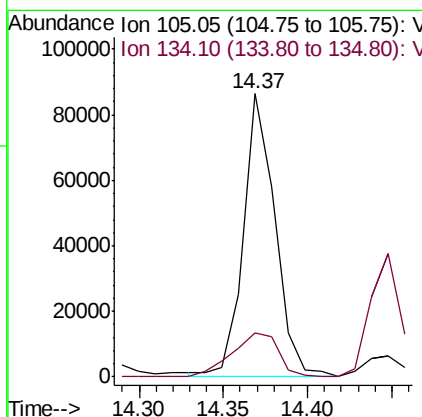
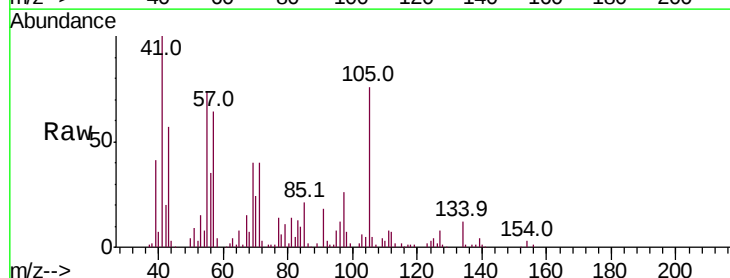
Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRI-DRUM

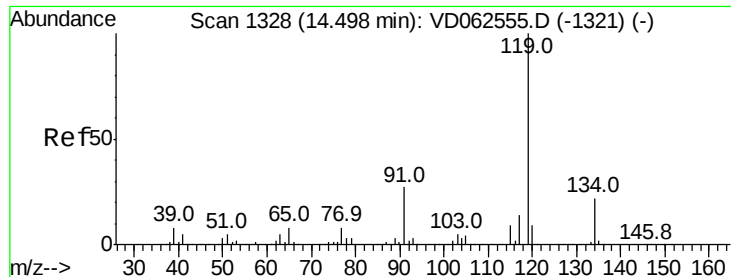
Tot Ion:105 Resp: 1653832
 Ion Ratio Lower Upper
 105 100
 120 39.6 19.6 58.8



#85
 sec-Butylbenzene
 Concen: 15.435 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VD062577.D
 Acq: 31 May 2019 21:19

Tgt Ion:105 Resp: 112729
 Ion Ratio Lower Upper
 105 100
 134 15.5 8.7 26.1

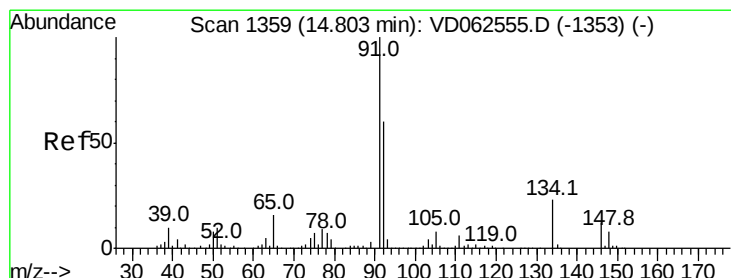
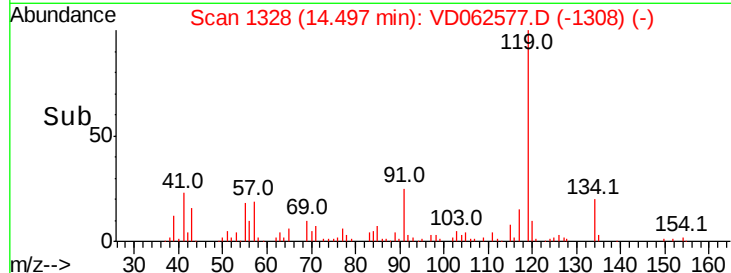
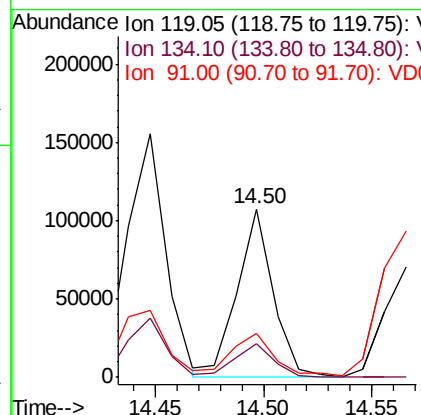
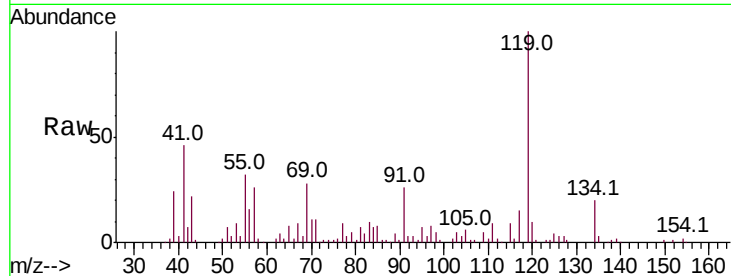




#86
p-Isopropyltoluene
Concen: 18.058 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.00 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

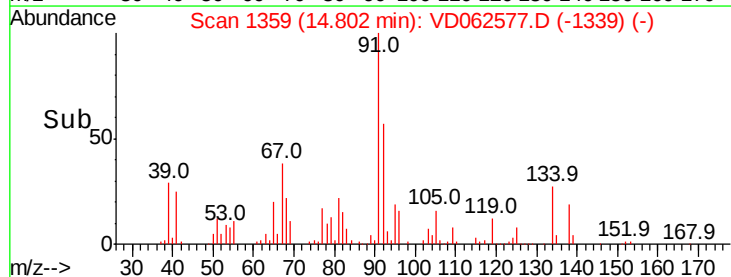
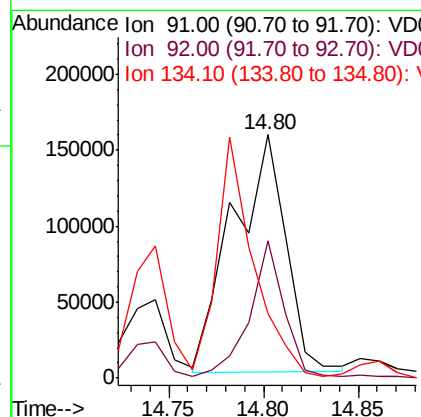
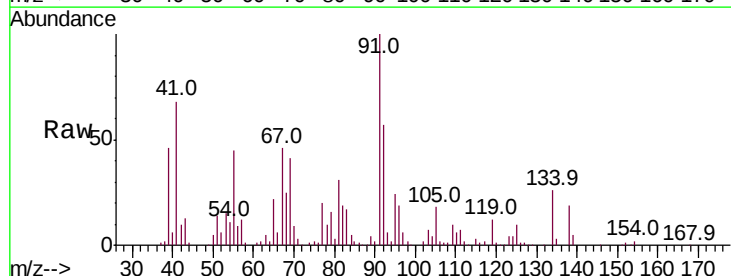
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

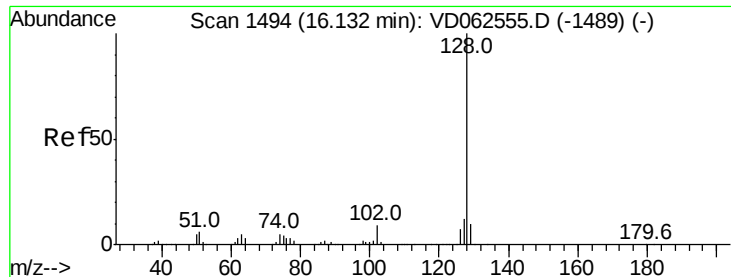
Tot Ion	Ratio	Lower	Upper
119	100		
134	19.9	11.2	33.6
91	26.0	13.6	40.7



#89
n-Butylbenzene
Concen: 49.957 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.7	29.8	89.4
134	26.3	11.3	33.8





#95
Naphthalene
Concen: 102.686 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

Tot Ion:128 Resp: 323272
Ion Ratio Lower Upper
128 100
127 11.5 9.7 14.5
129 11.3 8.2 12.2

