

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
 Data File : VD062585.D
 Acq On : 3 Jun 2019 15:02
 Operator : VA/AP
 Sample : K3146-01
 Misc : 1.01g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRI-DRUM

Manual Integrations
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MMDadoda
 6/6/2019 8:48:14 AM

Quant Time: Jun 04 06:57:27 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	345217	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	493857	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	254163	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	82041	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	212691	52.55	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.10%	
35) Dibromofluoromethane	6.93	113	215356	47.85	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	10.41	98	276239	28.02	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	56.04%	
62) 4-Bromofluorobenzene	13.55	95	93004	20.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	41.84%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.82	84	33728	11.456	ug/l	93
52) Toluene	10.51	92	21990	3.342	ug/l	95
67) Ethyl Benzene	12.53	91	125959	13.885	ug/l	98
68) m/p-Xylenes	12.67	106	180818	57.619	ug/l	100
69) o-Xylene	13.05	106	127022	42.431	ug/l	89
73) Isopropylbenzene	13.40	105	102390	18.931	ug/l	99
78) n-propylbenzene	13.78	91	496882	79.702	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	1159156	250.809	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	5128798	1089.049	ug/l	95
85) sec-Butylbenzene	14.37	105	398582	72.960	ug/l	98
86) p-Isopropyltoluene	14.50	119	402394	78.839	ug/l	98
89) n-Butylbenzene	14.80	91	496573m	108.988	ug/l	
95) Naphthalene	16.12	128	812528	345.049	ug/l	99

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

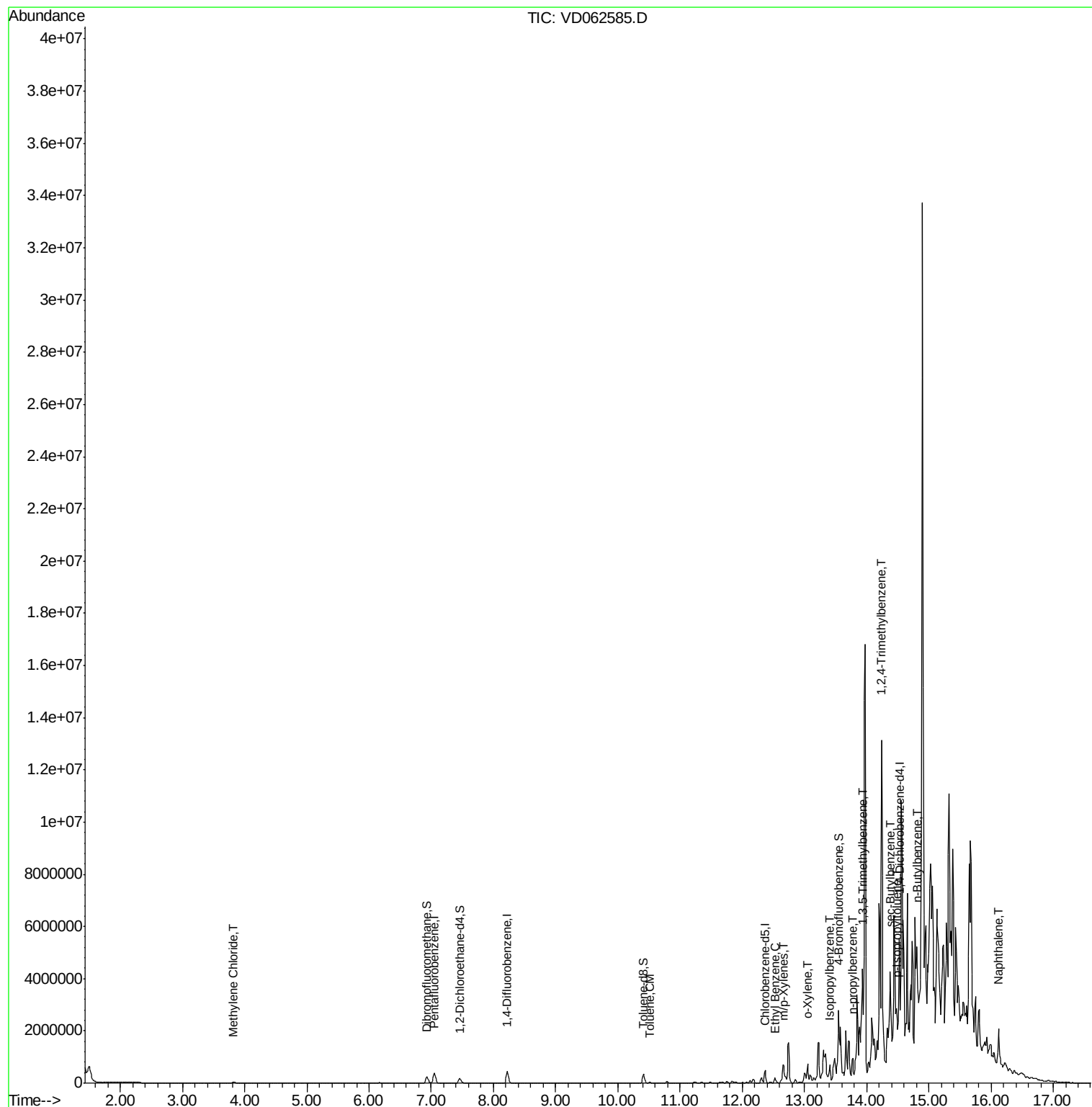
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
Data File : VD062585.D
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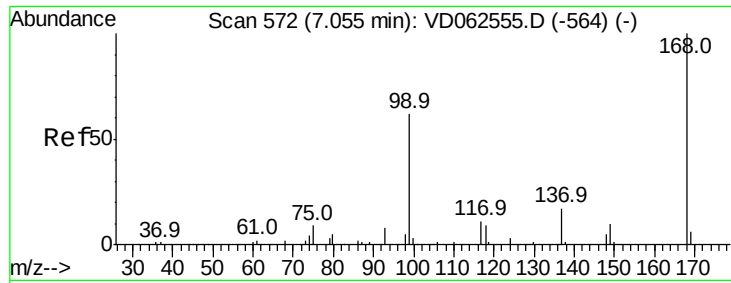
Instrument :
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Quant Time: Jun 04 06:57:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD062585.D

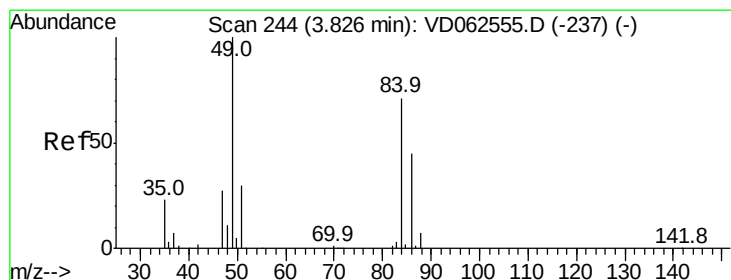
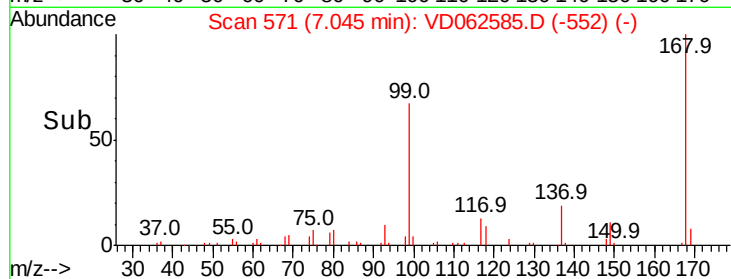
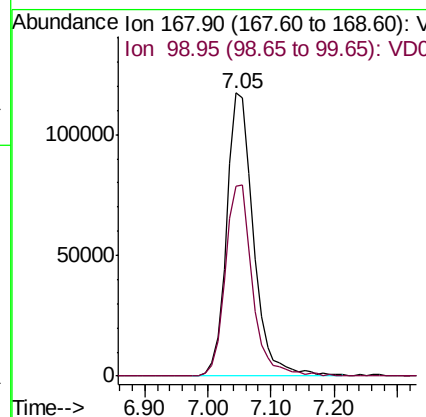
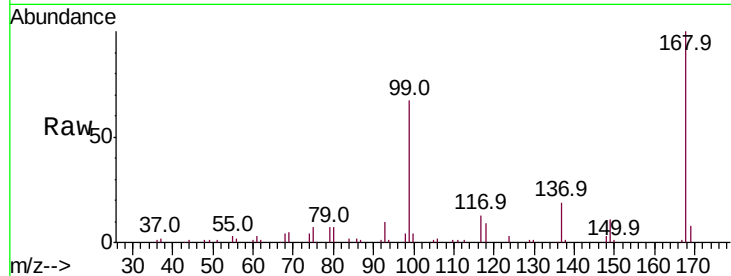
Acq: 3 Jun 2019 15:02

Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

Tot Ion	Ratio	Resp	Lower	Upper
168	100	345217		
99	67.0	50.8	50.8	76.2

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#20

Methylene Chloride

Concen: 11.456 ug/l

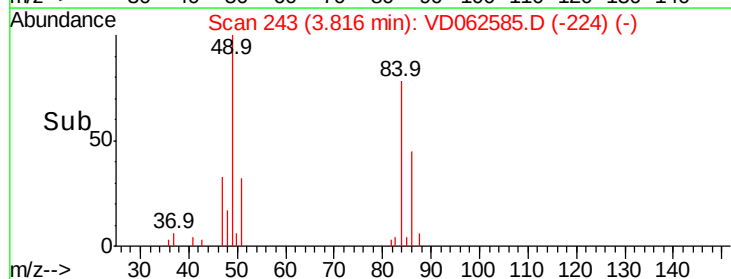
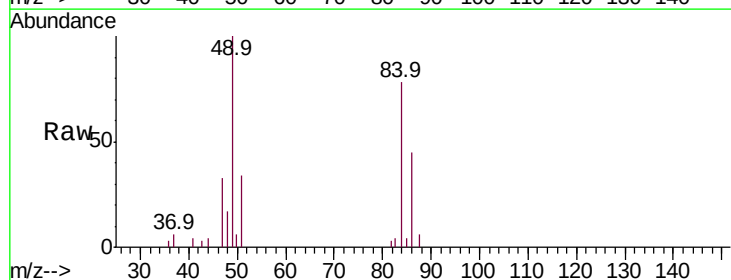
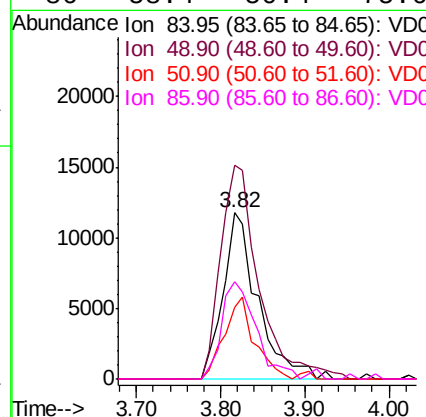
RT: 3.82 min Scan# 243

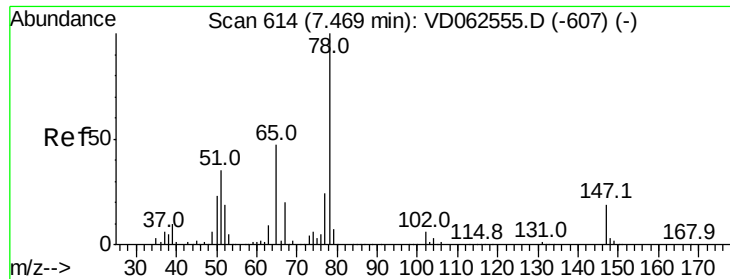
Delta R.T. -0.01 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	33728		
49	128.7	112.3	112.3	168.5
51	43.4	33.6	33.6	50.4
86	58.4	50.4	50.4	75.6





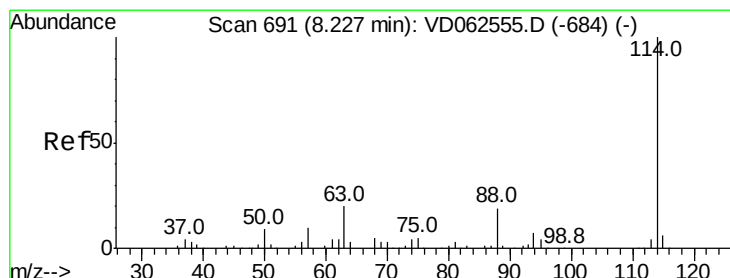
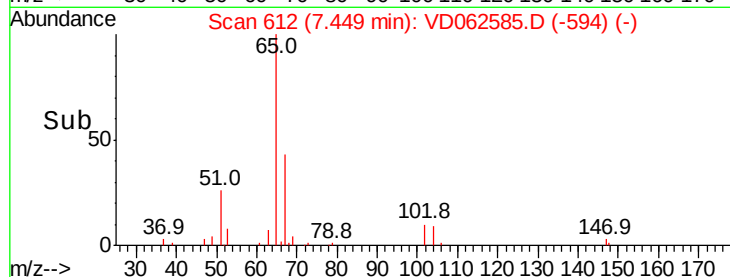
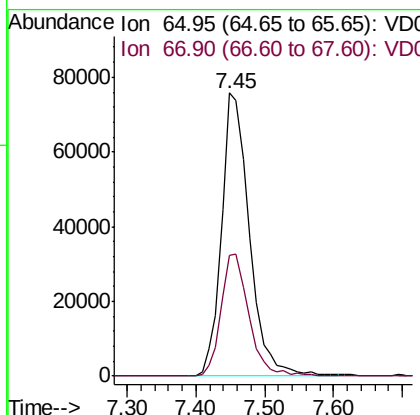
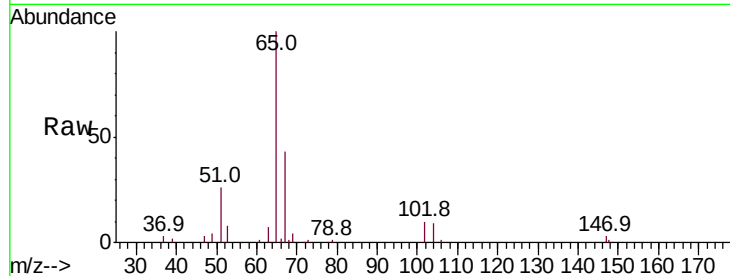
#33
 1,2-Dichloroethane-d4
 Concen: 52.545 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRI-DRUM

Tot Ion	Ratio	Resp	Lower	Upper
65	100	212691		
67	42.8	0.0	83.6	

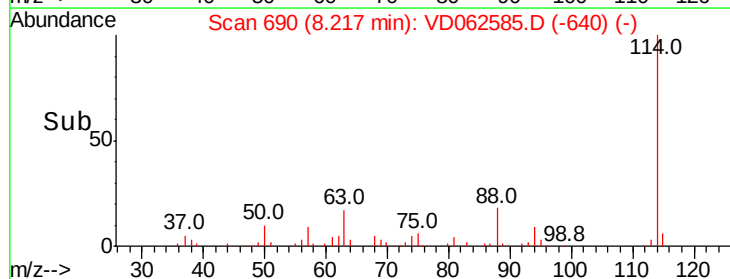
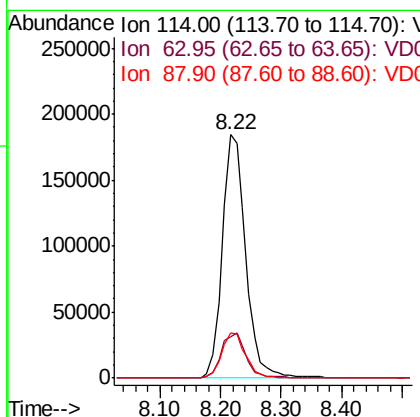
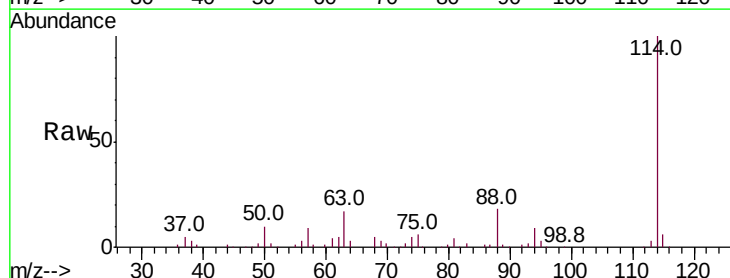
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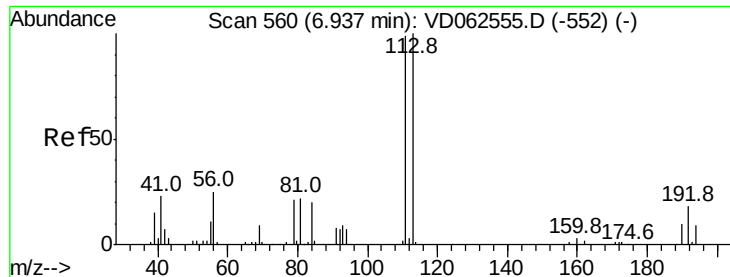
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	493857		
63	17.2	0.0	40.6	
88	18.5	0.0	37.6	





#35

Dibromofluoromethane

Concen: 47.853 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

Instrument :

MSVOA_D

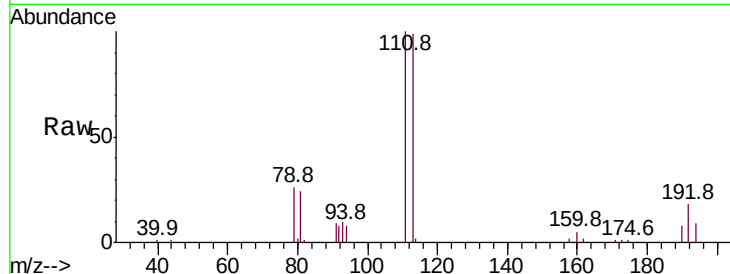
ClientSampleId :

OILY-DEBRI-DRUM

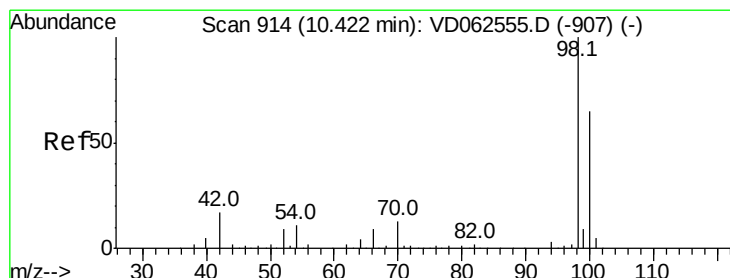
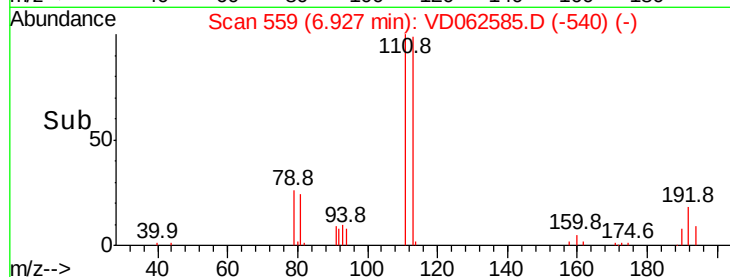
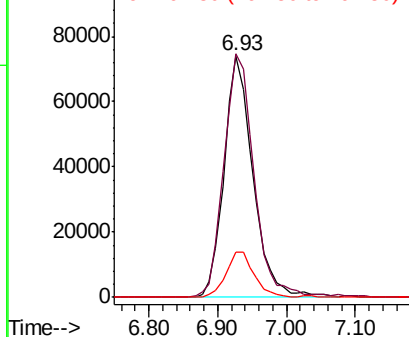
Tot Ion:	113	Resp:	215356
Ion Ratio	Lower	Upper	
113	100		
111	100.9	78.8	118.2
192	18.6	14.6	22.0

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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: 28.015 ug/l

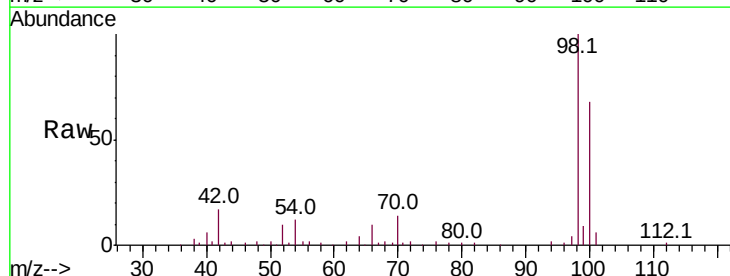
RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

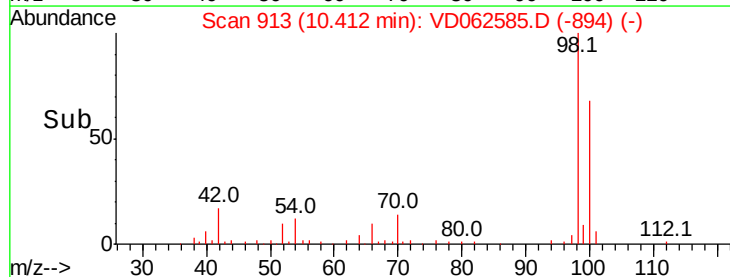
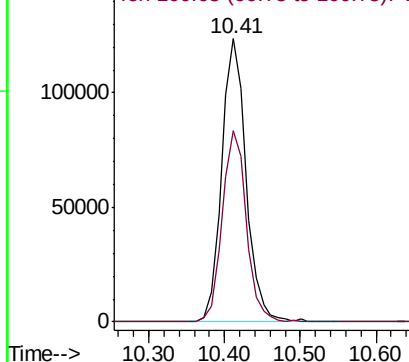
Lab File: VD062585.D

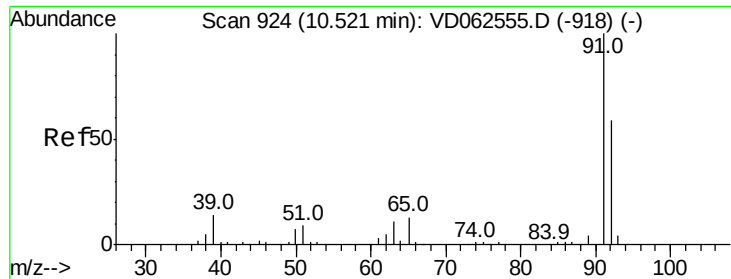
Acq: 3 Jun 2019 15:02

Tgt Ion:	98	Resp:	276239
Ion Ratio	Lower	Upper	
98	100		
100	67.5	52.3	78.5



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 3.342 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

Tot Ion: 92 Resp: 21990

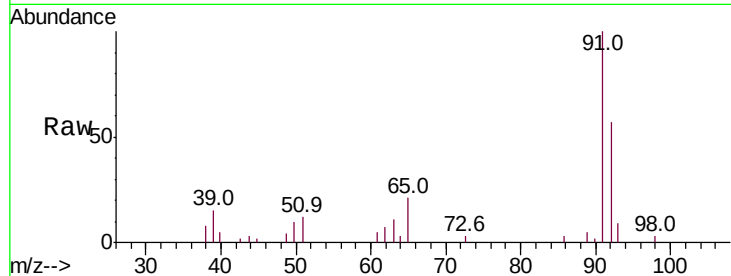
Ion Ratio Lower Upper

92 100

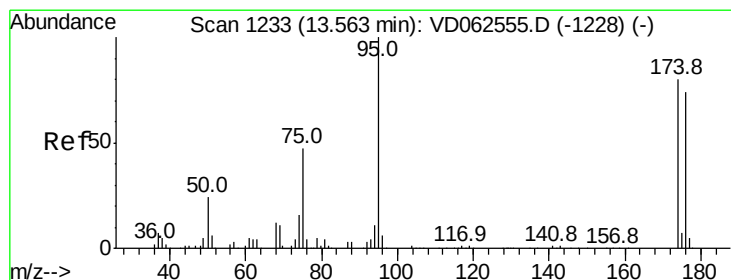
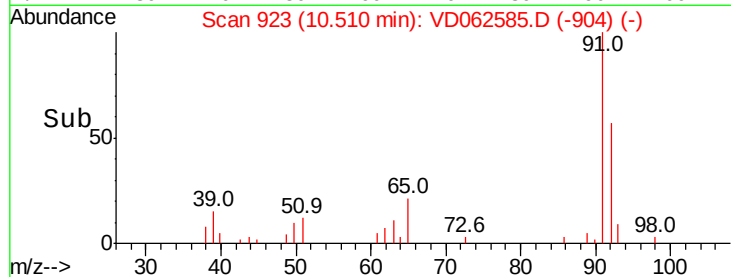
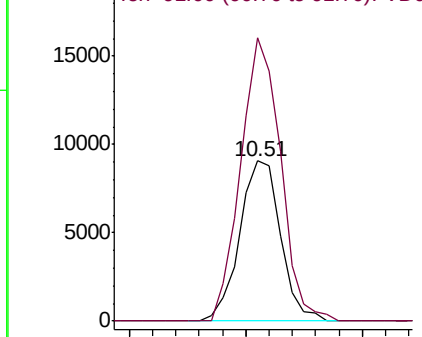
91 176.5 135.5 203.3

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Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 20.915 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

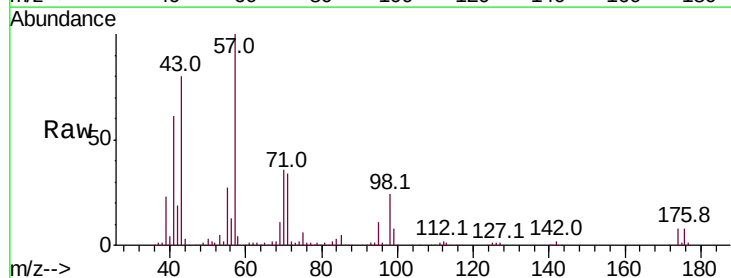
Tgt Ion: 95 Resp: 93004

Ion Ratio Lower Upper

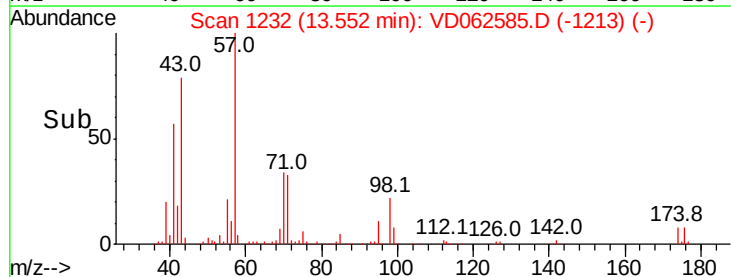
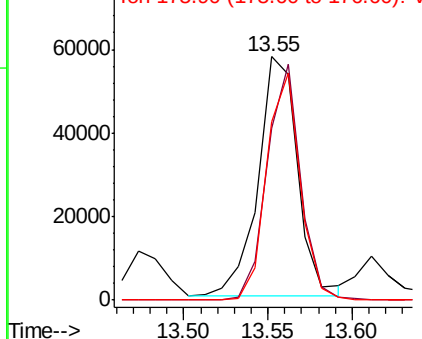
95 100

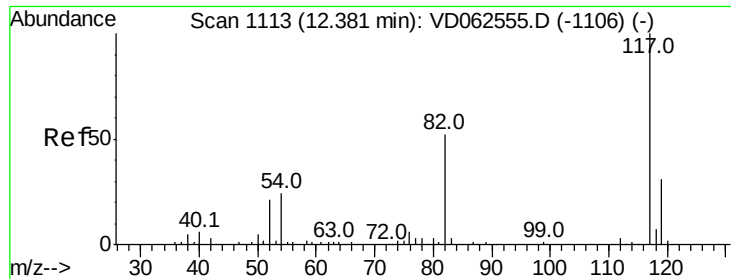
174 70.9 0.0 160.2

176 73.4 0.0 148.0



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V





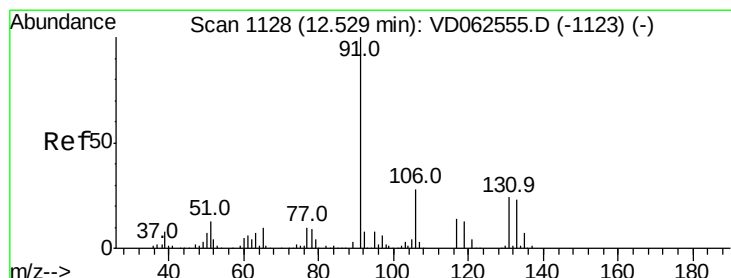
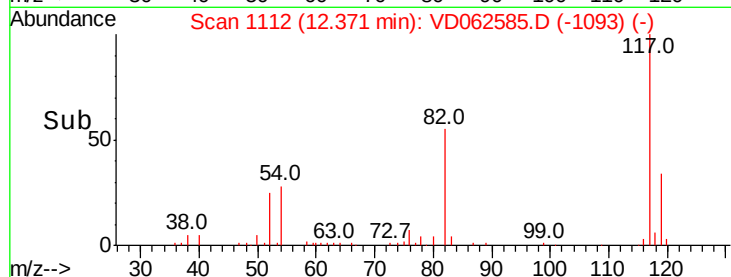
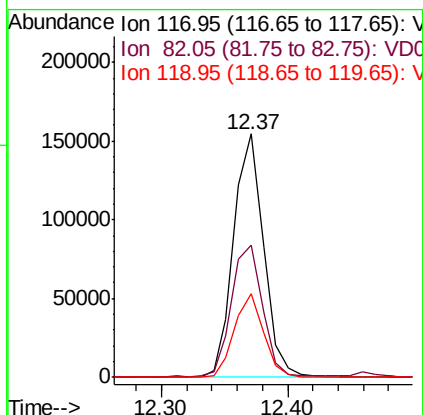
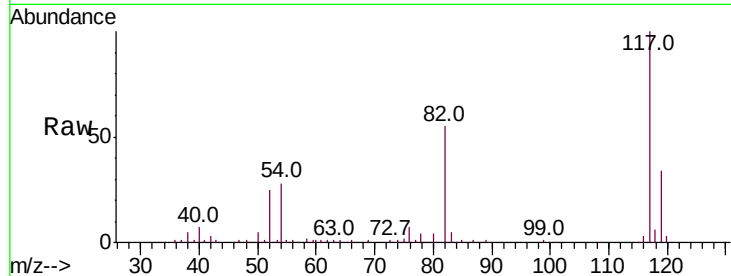
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	41.4	62.2
119	34.3	24.9	37.3

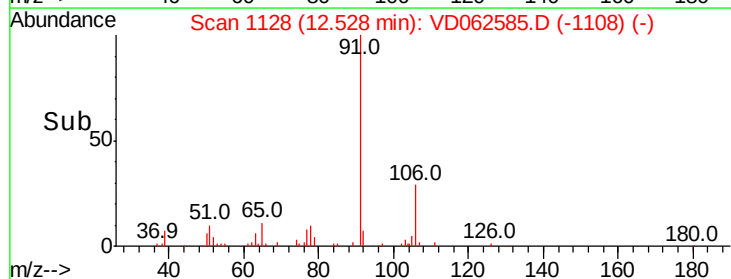
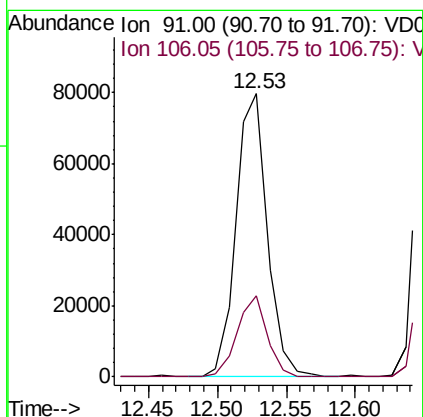
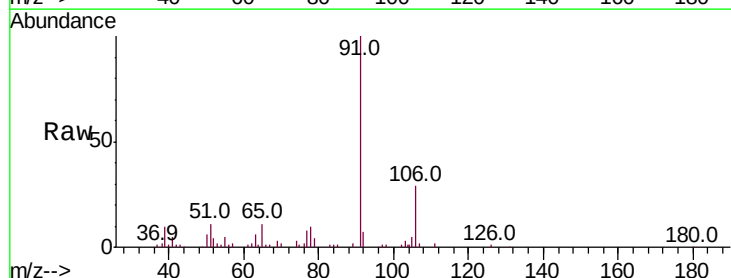
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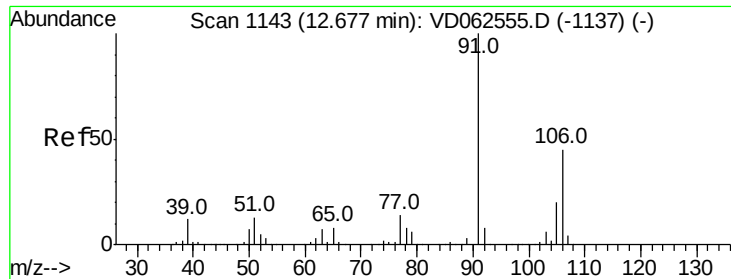
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#67
Ethyl Benzene
Concen: 13.885 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.6	22.2	33.2





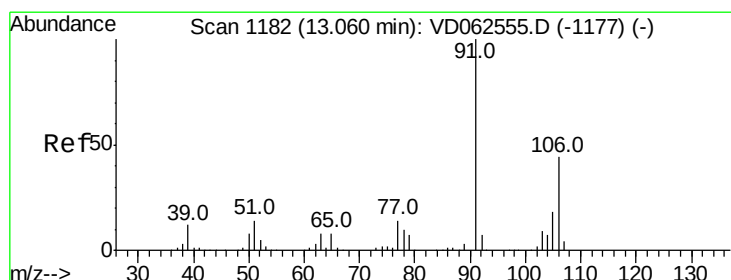
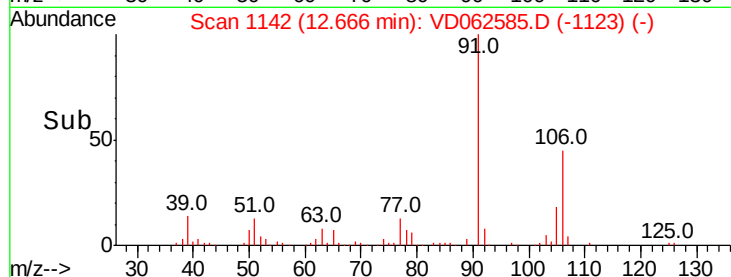
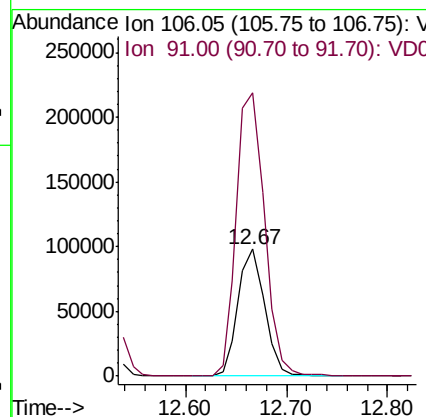
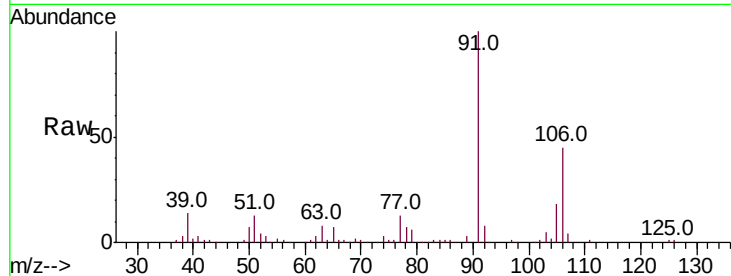
#68
m/p-Xylenes
Concen: 57.619 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

Tot Ion:106 Resp: 180818
Ion Ratio Lower Upper
106 100
91 223.0 178.9 268.3

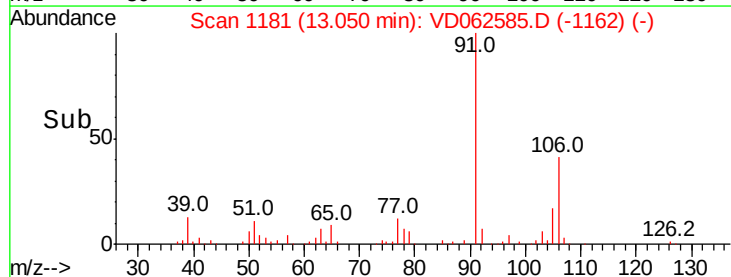
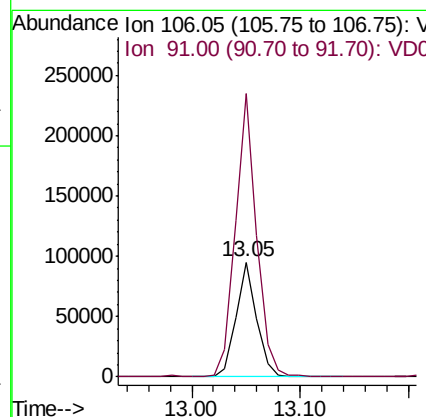
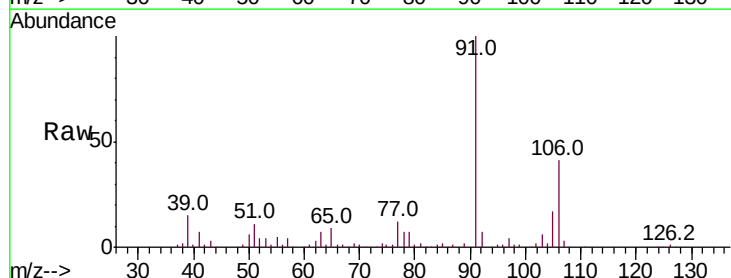
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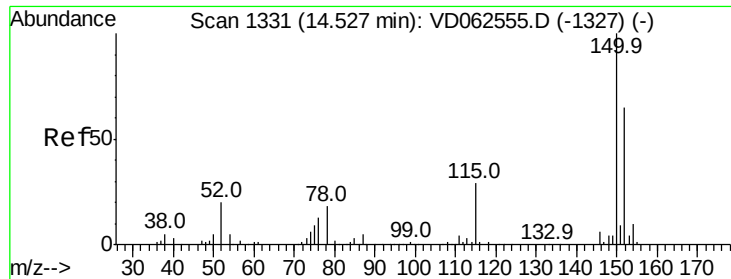
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#69
o-Xylene
Concen: 42.431 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Tgt Ion:106 Resp: 127022
Ion Ratio Lower Upper
106 100
91 246.6 113.9 341.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

Instrument :

MSVOA_D

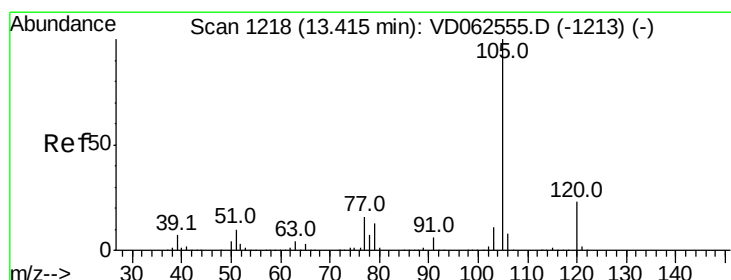
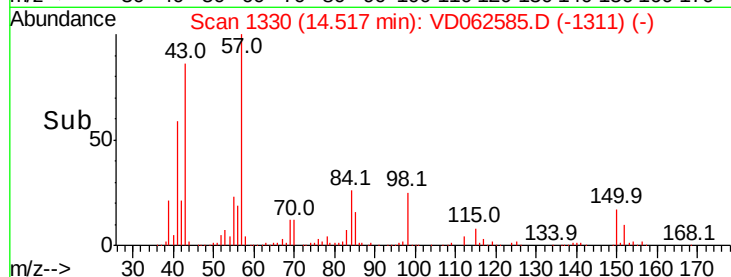
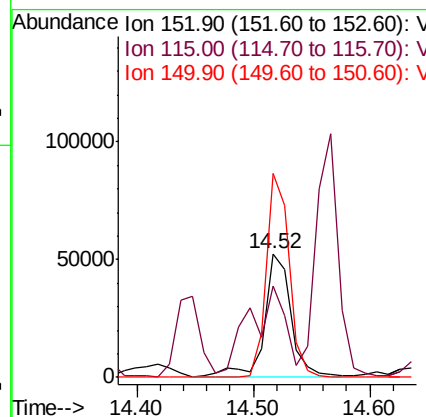
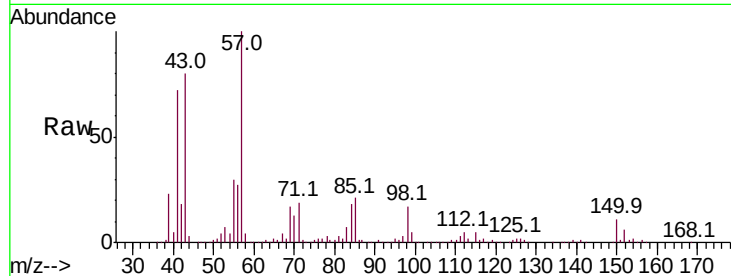
ClientSampleId :

OILY-DEBRI-DRUM

Tot Ion:	152	Resp:	82041
Ion Ratio	Lower	Upper	
152	100		
115	73.8	28.4	85.3
150	165.2	0.0	310.4

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#73

Isopropylbenzene

Concen: 18.931 ug/l

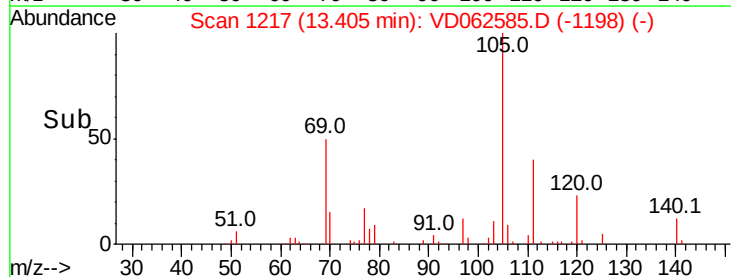
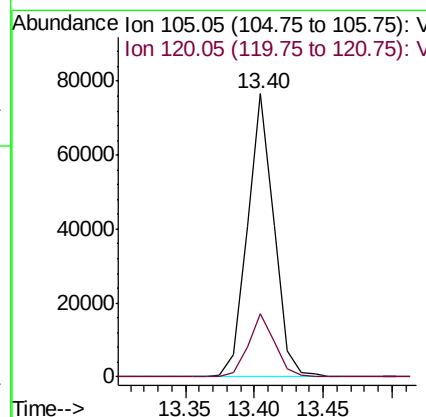
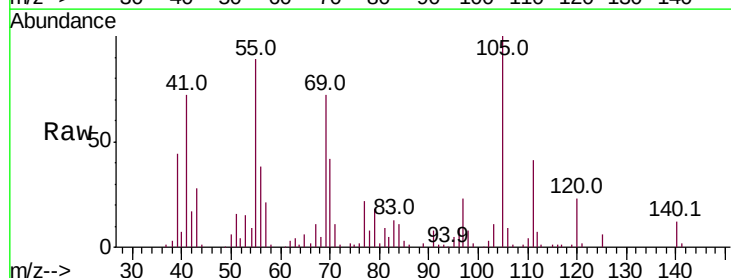
RT: 13.40 min Scan# 1217

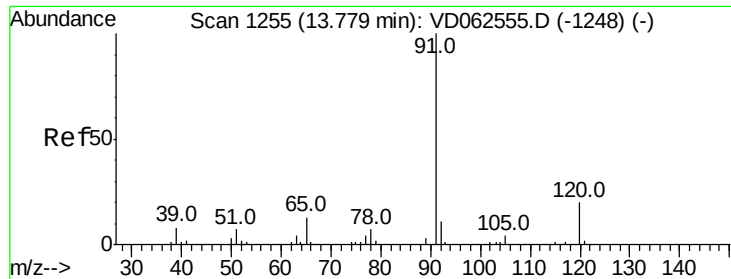
Delta R.T. -0.01 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

Tgt Ion:	105	Resp:	102390
Ion Ratio	Lower	Upper	
105	100		
120	22.5	11.6	34.8





#78

n-propylbenzene

Concen: 79.702 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

Instrument :

MSVOA_D

ClientSampleId :

OILY-DEBRI-DRUM

Tot Ion: 91 Resp: 496882

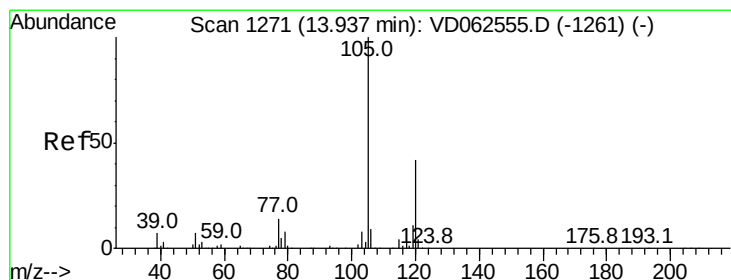
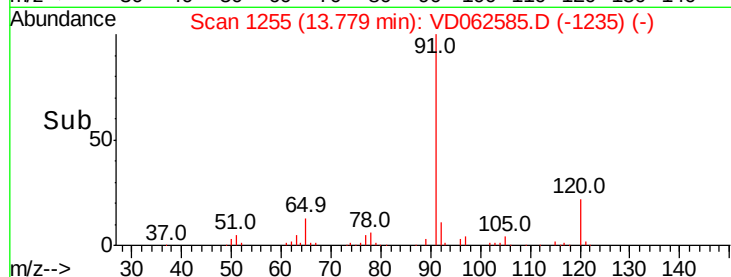
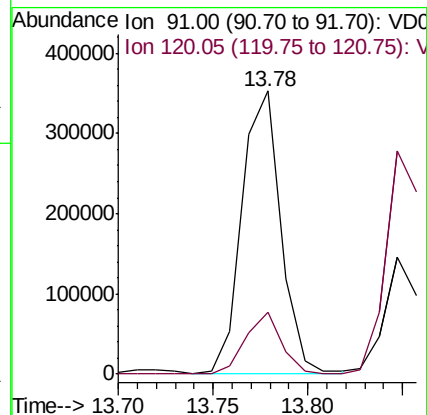
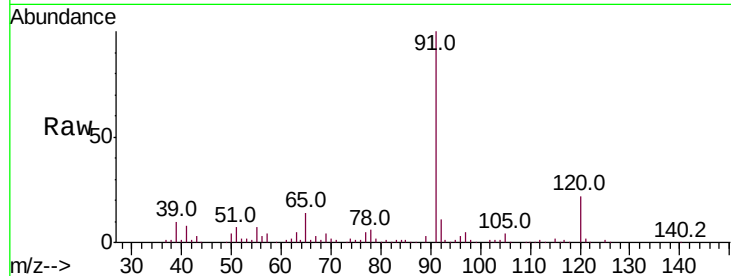
Ion Ratio Lower Upper

91 100

120 21.7 10.0 29.8

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#80

1,3,5-Trimethylbenzene

Concen: 250.809 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VD062585.D

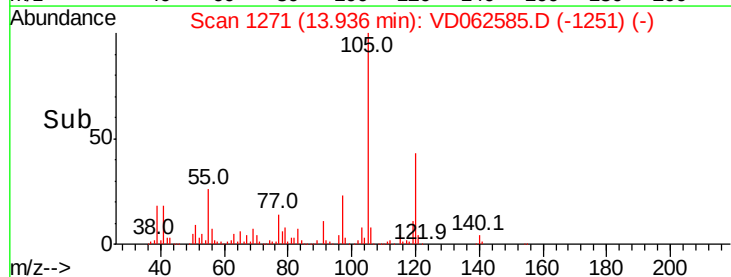
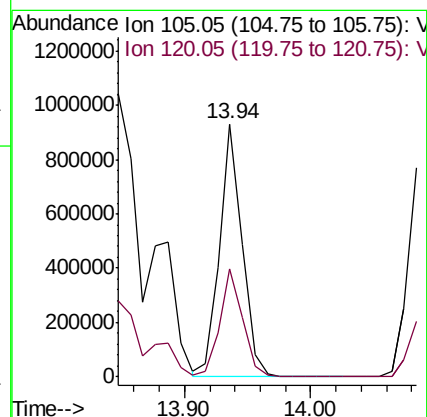
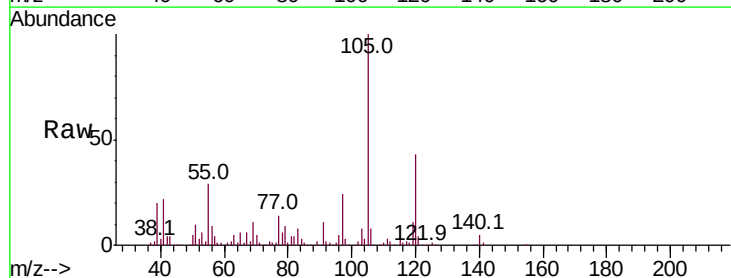
Acq: 3 Jun 2019 15:02

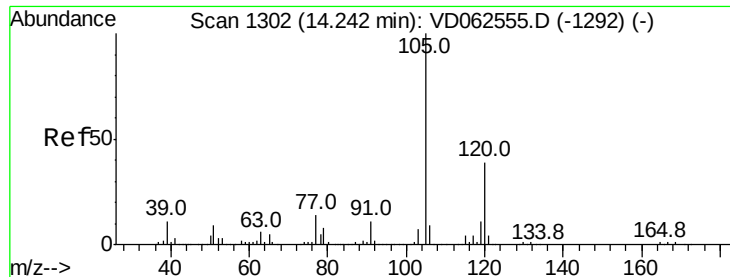
Tgt Ion: 105 Resp: 1159156

Ion Ratio Lower Upper

105 100

120 42.7 20.8 62.5





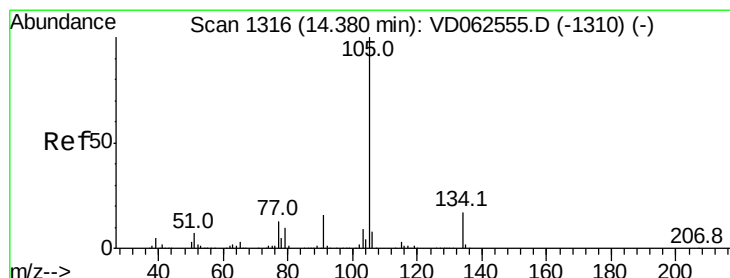
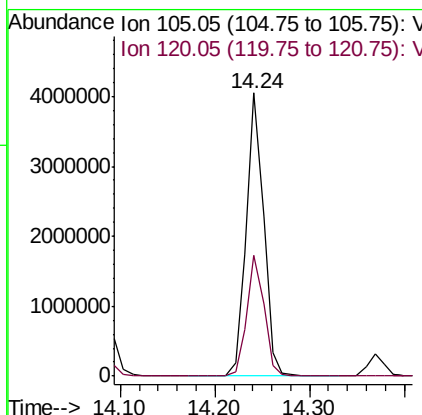
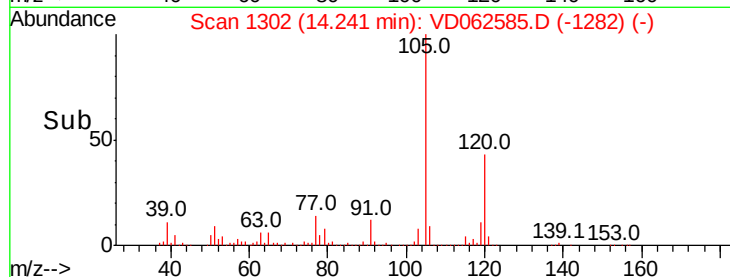
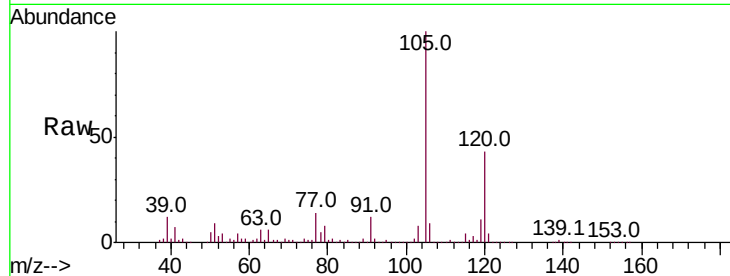
#84
 1,2,4-Trimethylbenzene
 Concen: 1089.049 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRI-DRUM

Tot Ion:105 Resp: 5128798
 Ion Ratio Lower Upper
 105 100
 120 42.5 19.6 58.8

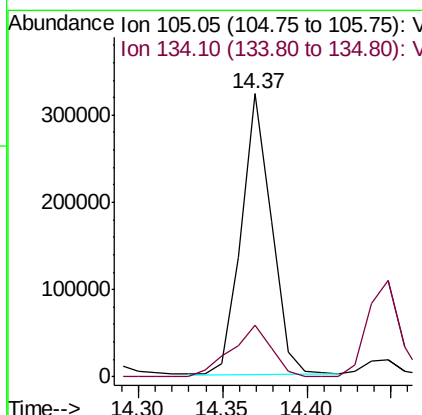
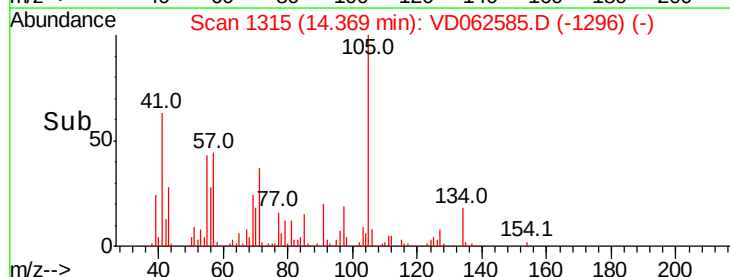
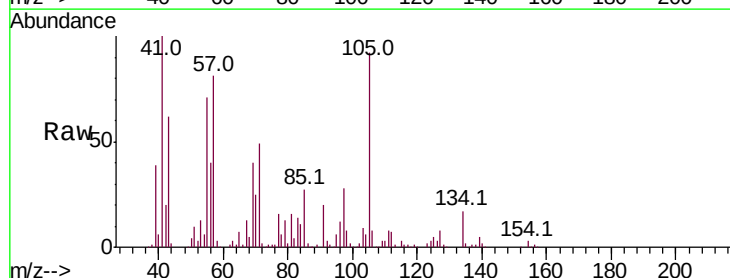
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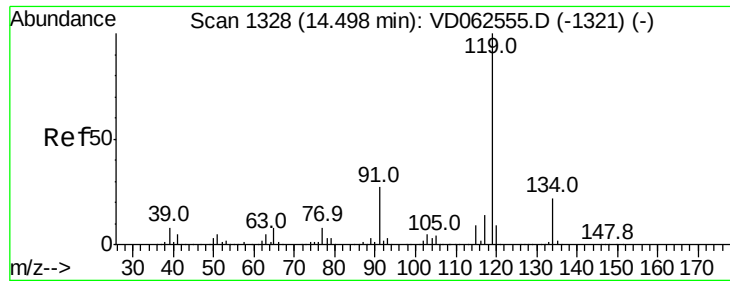
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#85
 sec-Butylbenzene
 Concen: 72.960 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Tgt Ion:105 Resp: 398582
 Ion Ratio Lower Upper
 105 100
 134 18.1 8.7 26.1





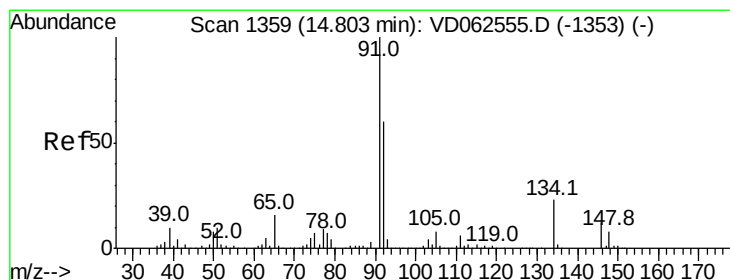
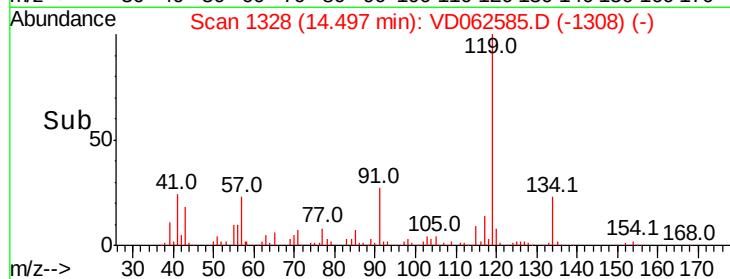
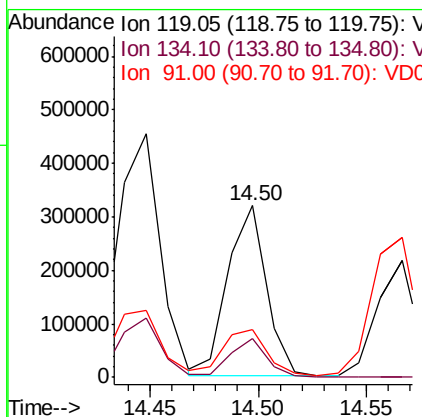
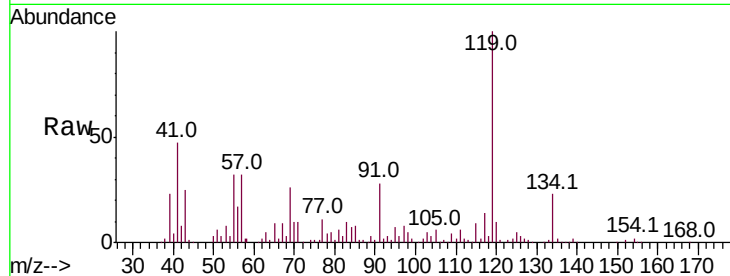
#86
 p-Isopropyltoluene
 Concen: 78.839 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRI-DRUM

Tot Ion	Ratio	Lower	Upper
119	100		
134	22.9	11.2	33.6
91	28.1	13.6	40.7

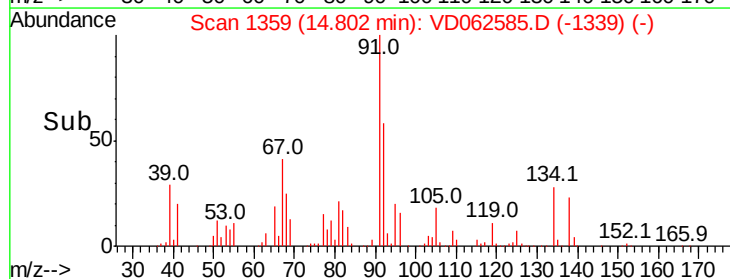
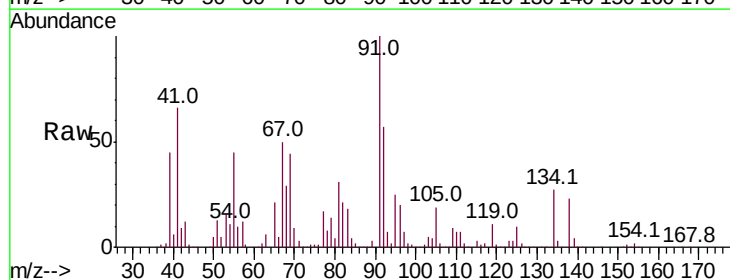
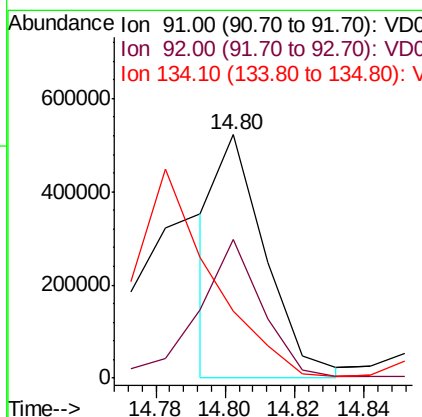
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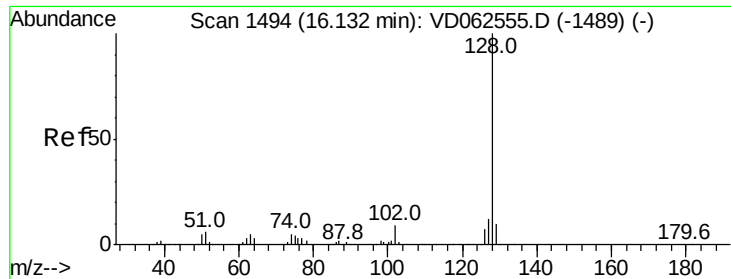
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#89
 n-Butylbenzene
 Concen: 108.988 ug/l m
 RT: 14.80 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.1	29.8	89.4
134	27.3	11.3	33.8





#95
Naphthalene
Concen: 345.049 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

Tot Ion	Ratio	Resp	Lower	Upper
128	100	812528		
127	12.2		9.7	14.5
129	10.7		8.2	12.2

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