

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066387.D
 Acq On : 24 Aug 2020 18:02
 Operator : VA/SY
 Sample : L3773-03RE
 Misc : 1.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRISRE

Quant Time: Aug 25 04:57:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	113552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	191891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	123526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	47151	50.00	ug/l	0.00

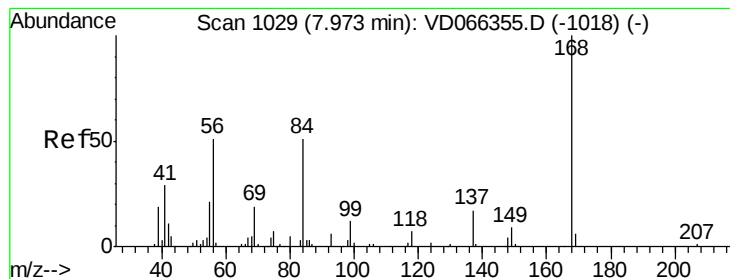
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	81658	73.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.70%	
35) Dibromofluoromethane	7.91	113	71788	59.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.66%	
50) Toluene-d8	10.34	98	169527	38.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.22%	
62) 4-Bromofluorobenzene	12.63	95	59313	38.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.14%	

Target Compounds

						Qvalue
20) Methylene Chloride	4.96	84	50058	46.191	ug/l #	91
67) Ethyl Benzene	11.74	91	13083	3.024	ug/l	96
68) m/p-Xylenes	11.84	106	49783	30.193	ug/l	94
69) o-Xylene	12.18	106	80980	52.793	ug/l	99
73) Isopropylbenzene	12.48	105	27955	8.850	ug/l	100
78) n-propylbenzene	12.82	91	97885	27.028	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	494574	181.349	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1330038	496.530	ug/l	100
85) sec-Butylbenzene	13.40	105	179336	57.783	ug/l	88
86) p-Isopropyltoluene	13.52	119	172999	57.808	ug/l	100
89) n-Butylbenzene	13.84	91	188086	71.222	ug/l #	61
95) Naphthalene	15.40	128	150561	95.312	ug/l #	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066387.D

Acq: 24 Aug 2020 18:02

Instrument :

MSVOA_D

ClientSampleId :

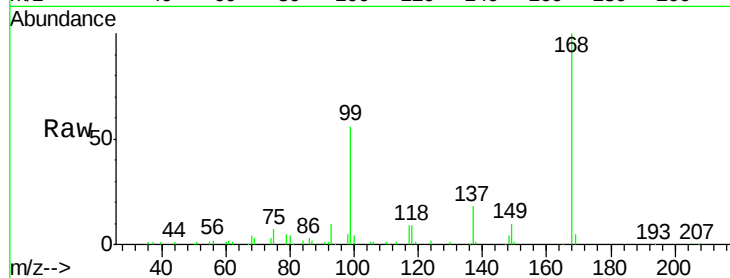
OILY-DEBRISRE

Tot Ion:168 Resp: 113552

Ion Ratio Lower Upper

168 100

99 55.5 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

60000

50000

40000

30000

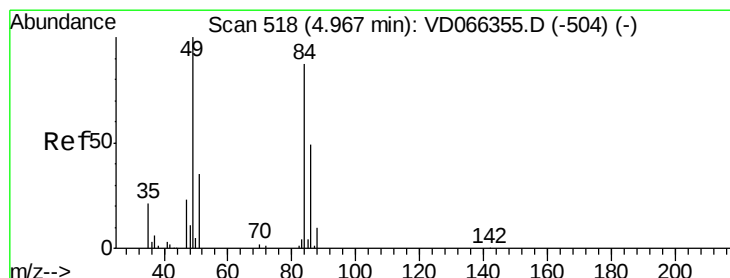
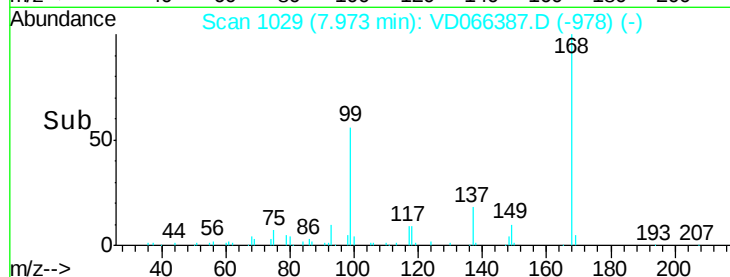
20000

10000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 46.191 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD066387.D

Acq: 24 Aug 2020 18:02

Tgt Ion: 84 Resp: 50058

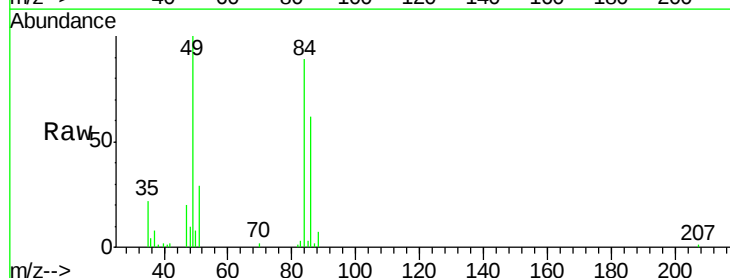
Ion Ratio Lower Upper

84 100

49 111.8 92.5 138.7

51 32.1 32.5 48.7#

86 69.6 45.0 67.6#



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

25000

20000

15000

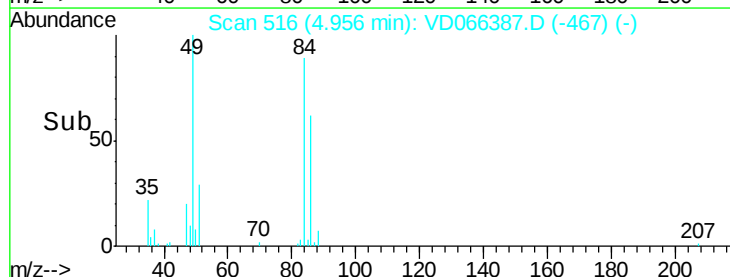
10000

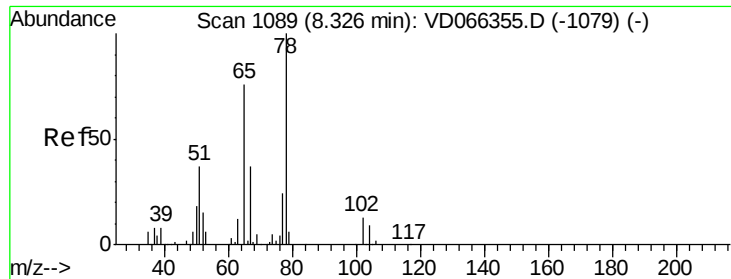
5000

0

4.80 4.90 5.00 5.10

Time-->

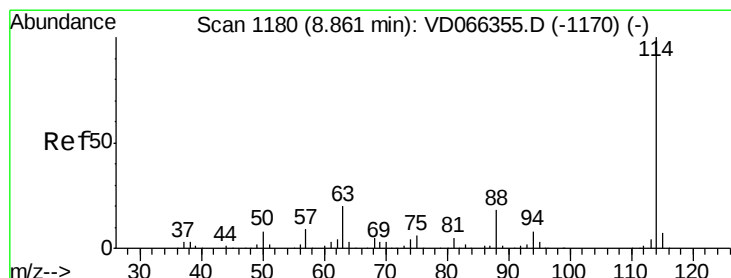
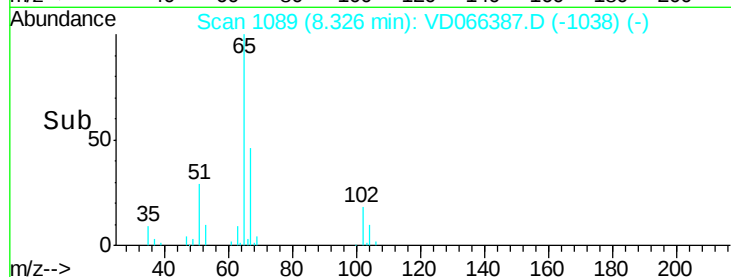
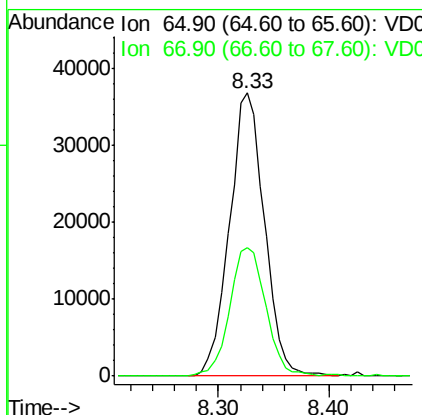
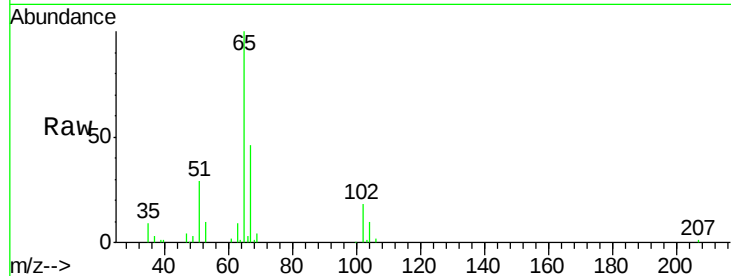




#33
 1,2-Dichloroethane-d4
 Concen: 73.350 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066387.D
 Acq: 24 Aug 2020 18:02

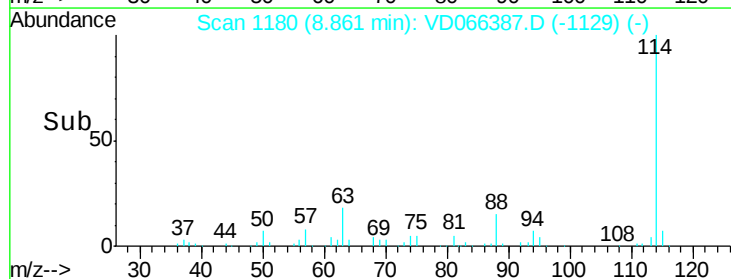
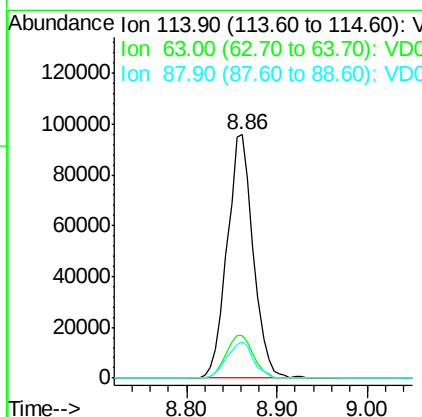
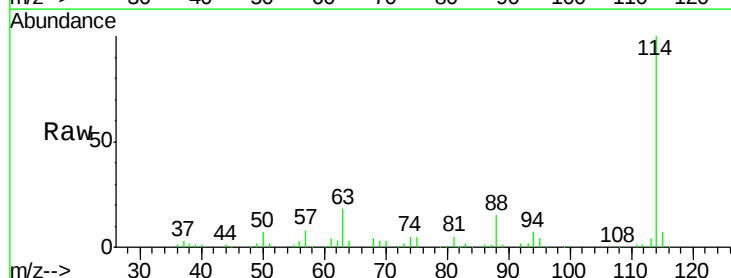
Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRISRE

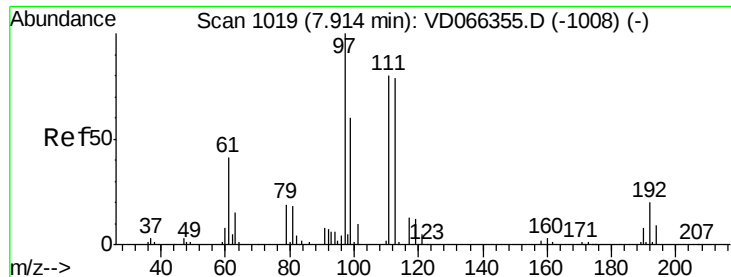
Tot Ion: 65 Resp: 81658
 Ion Ratio Lower Upper
 65 100
 67 46.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066387.D
 Acq: 24 Aug 2020 18:02

Tgt Ion: 114 Resp: 191891
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 40.8
 88 14.7 0.0 35.4

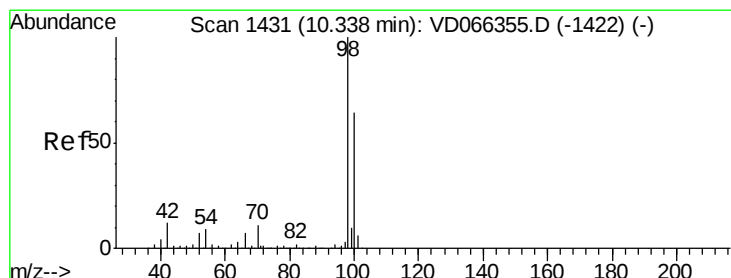
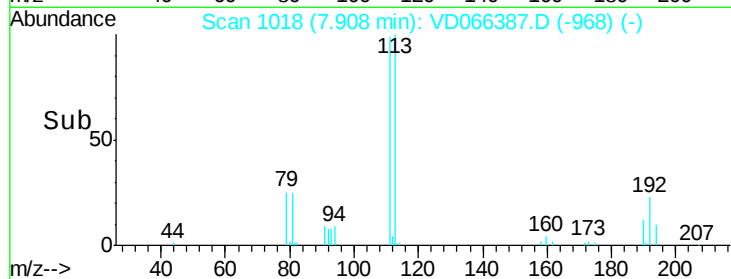
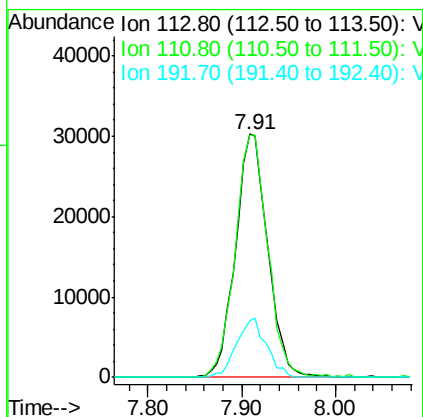
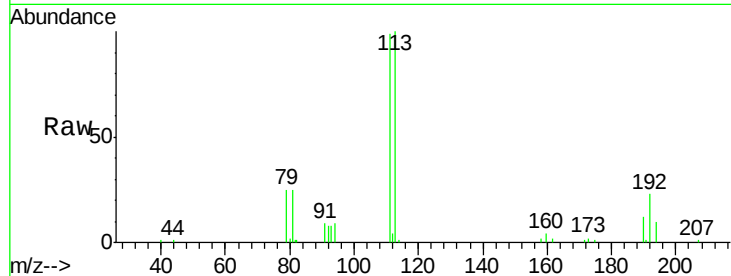




#35
Dibromofluoromethane
Concen: 59.828 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066387.D
Acq: 24 Aug 2020 18:02

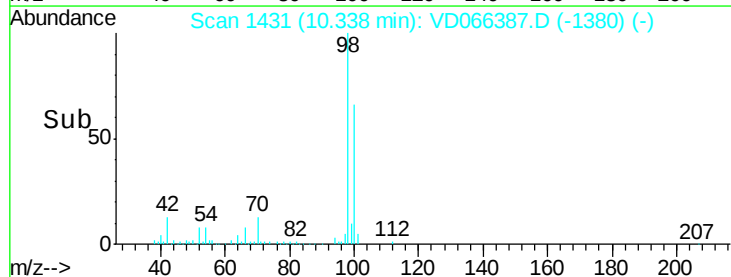
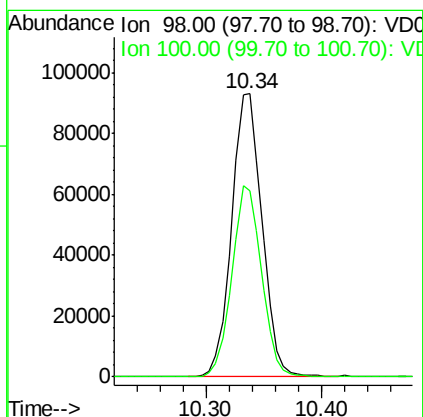
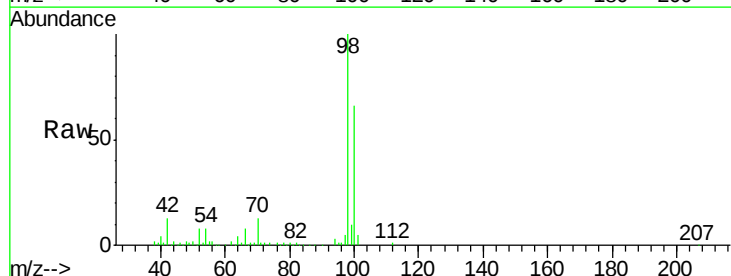
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRISRE

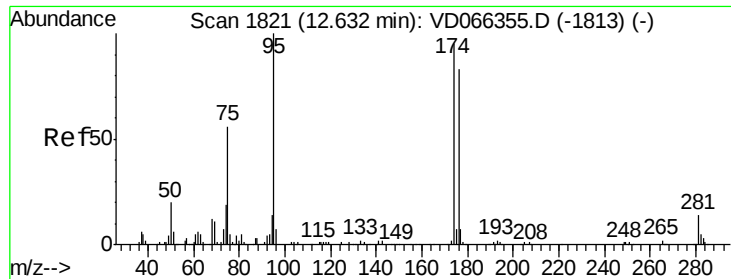
Tot Ion:113 Resp: 71788
Ion Ratio Lower Upper
113 100
111 100.3 80.3 120.5
192 22.7 19.0 28.6



#50
Toluene-d8
Concen: 38.614 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066387.D
Acq: 24 Aug 2020 18:02

Tgt Ion: 98 Resp: 169527
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 38.073 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066387.D

Acq: 24 Aug 2020 18:02

Instrument :

MSVOA_D

ClientSampleId :

OILY-DEBRISRE

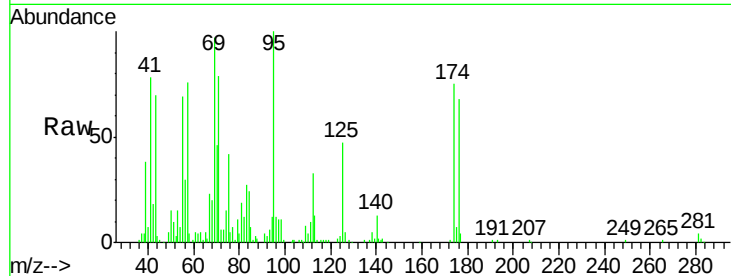
Tot Ion: 95 Resp: 59313

Ion Ratio Lower Upper

95 100

174 71.0 0.0 183.4

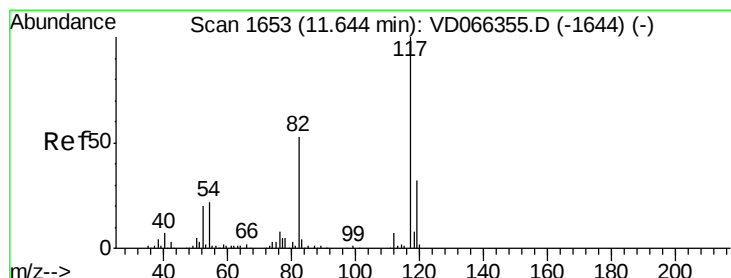
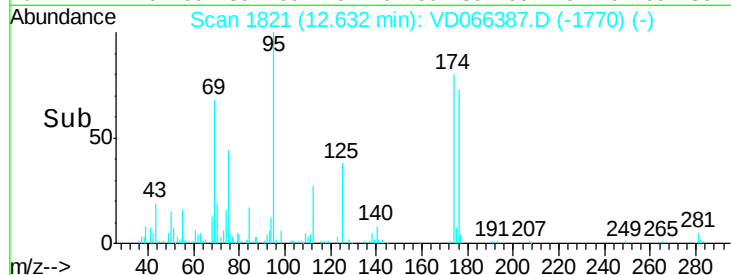
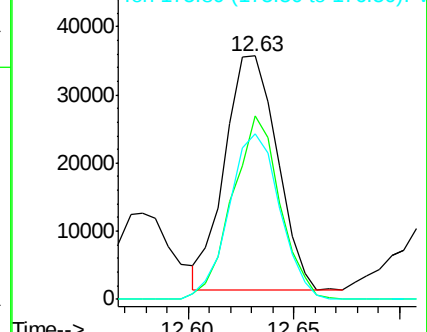
176 68.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066387.D

Acq: 24 Aug 2020 18:02

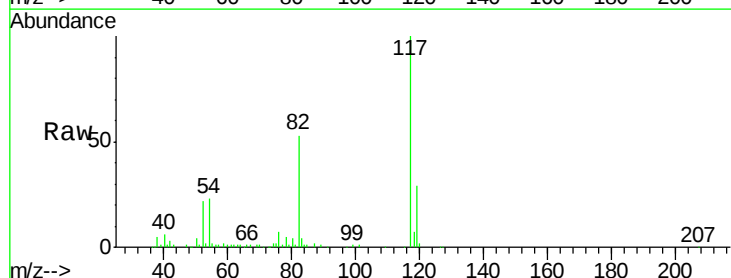
Tgt Ion: 117 Resp: 123526

Ion Ratio Lower Upper

117 100

82 52.8 42.8 64.2

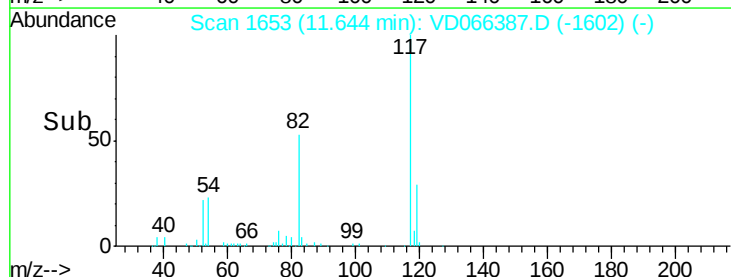
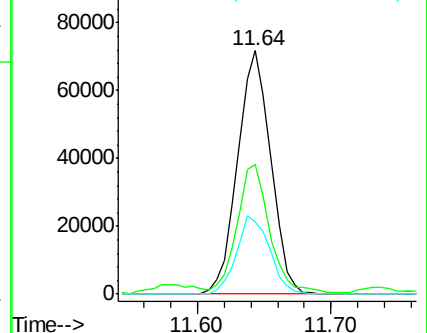
119 29.5 25.8 38.8

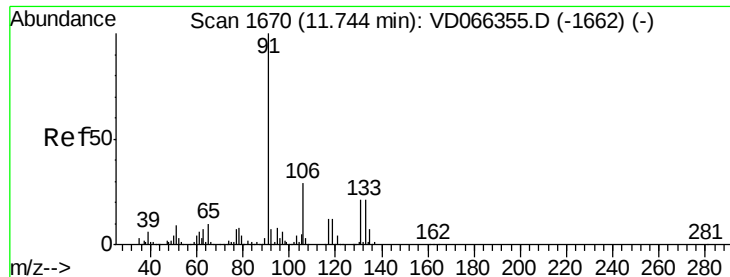


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

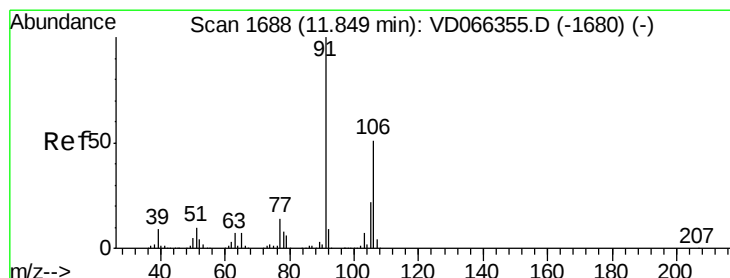
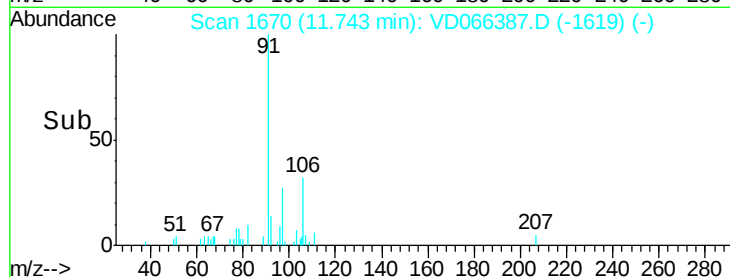
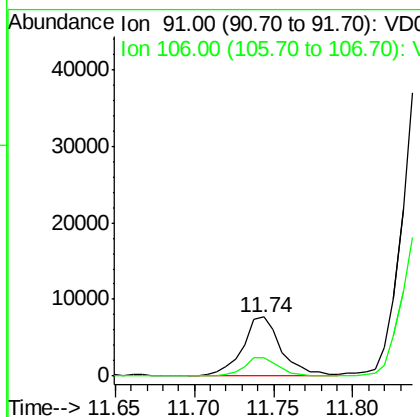
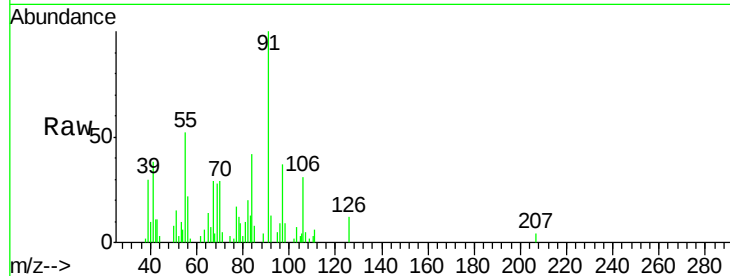




#67
Ethyl Benzene
Concen: 3.024 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066387.D
Acq: 24 Aug 2020 18:02

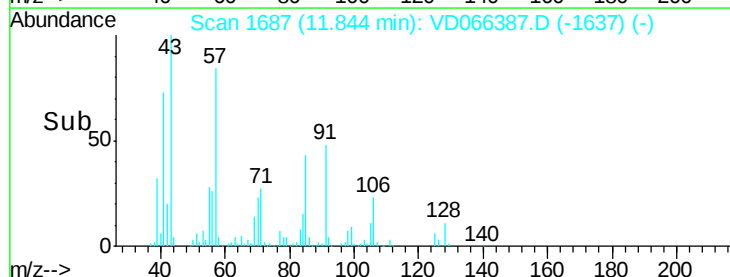
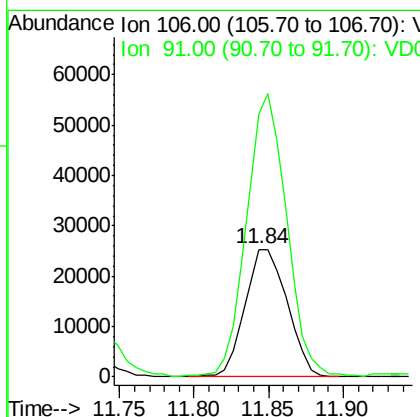
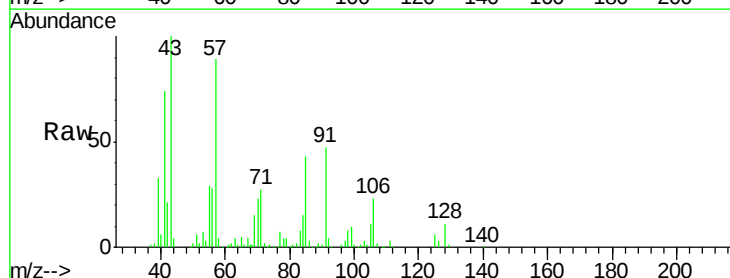
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRISRE

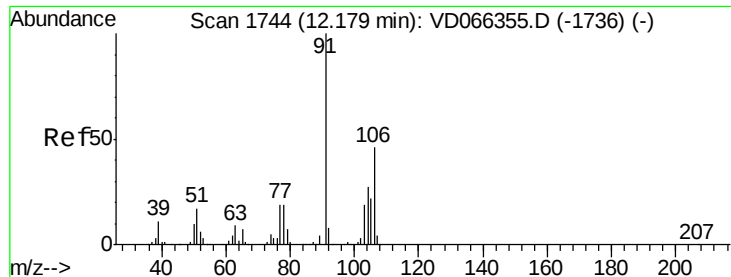
Tot Ion: 91 Resp: 13083
Ion Ratio Lower Upper
91 100
106 31.2 23.4 35.2



#68
m/p-Xylenes
Concen: 30.193 ug/l
RT: 11.84 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VD066387.D
Acq: 24 Aug 2020 18:02

Tgt Ion: 106 Resp: 49783
Ion Ratio Lower Upper
106 100
91 209.3 160.7 241.1

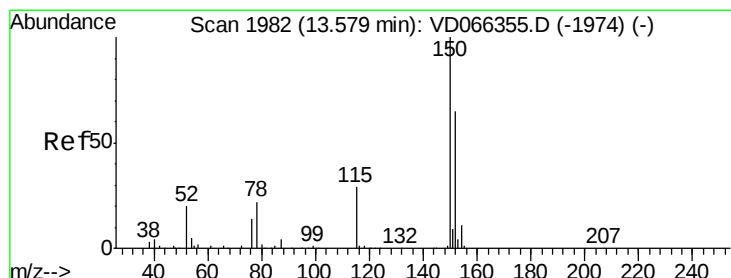
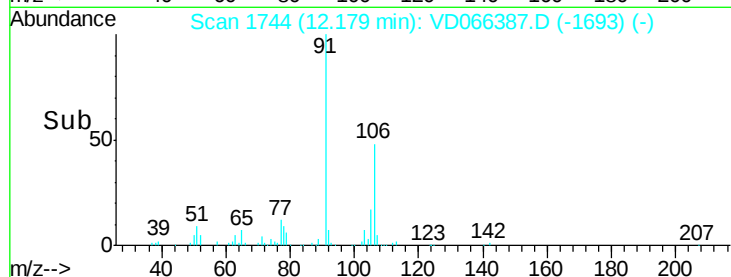
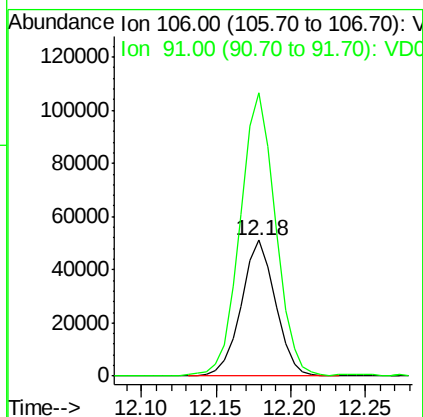
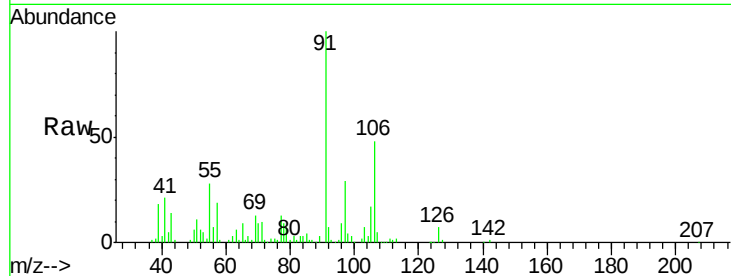




#69
o-Xylene
Concen: 52.793 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066387.D
Acq: 24 Aug 2020 18:02

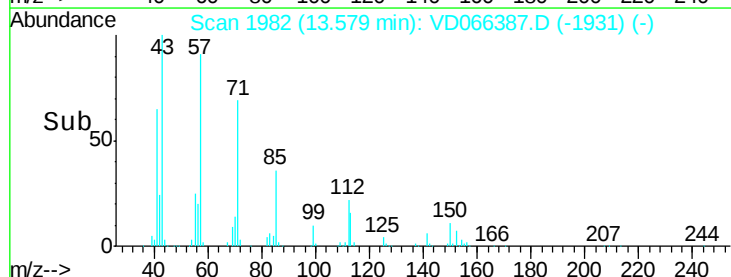
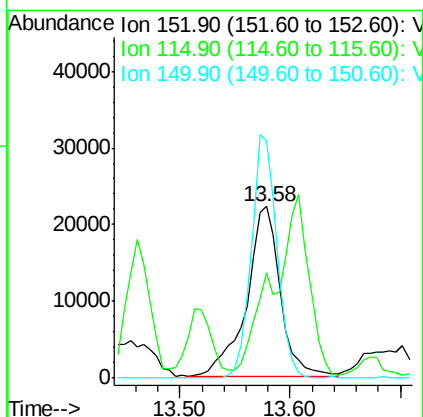
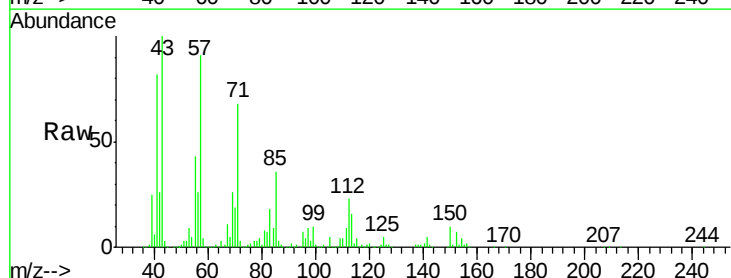
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRISRE

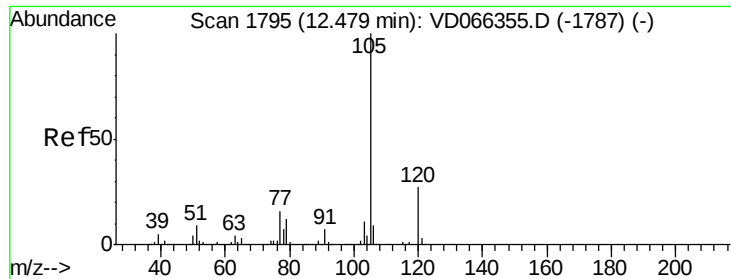
Tot Ion:106 Resp: 80980
Ion Ratio Lower Upper
106 100
91 216.2 109.1 327.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066387.D
Acq: 24 Aug 2020 18:02

Tgt Ion:152 Resp: 47151
Ion Ratio Lower Upper
152 100
115 32.0 28.3 85.0
150 109.5 0.0 343.2

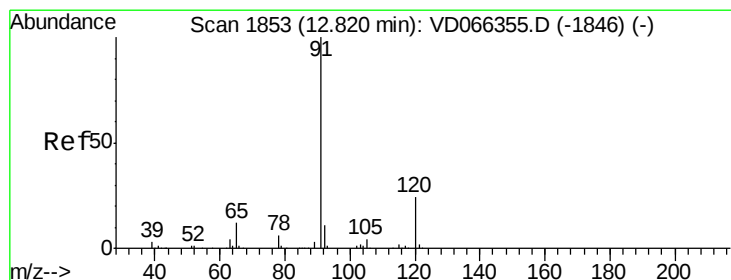
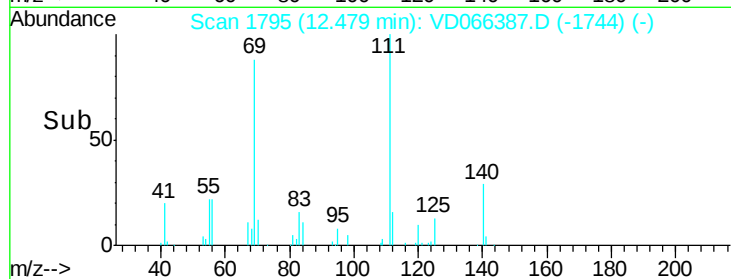
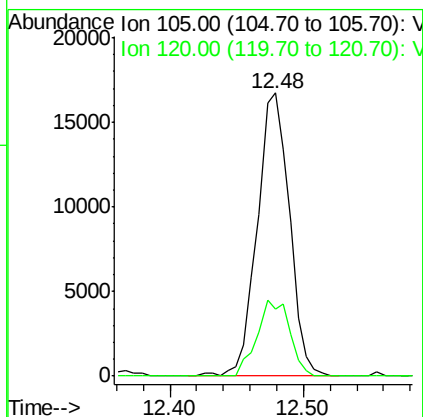
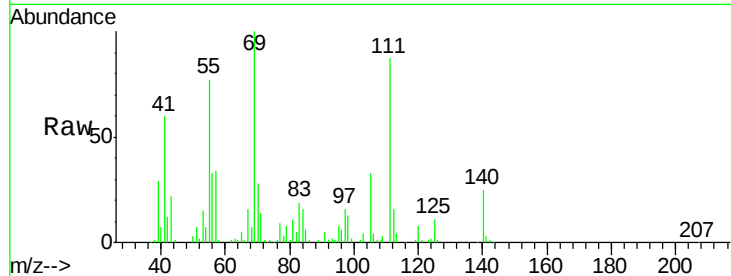




#73
Isopropylbenzene
Concen: 8.850 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066387.D
Acq: 24 Aug 2020 18:02

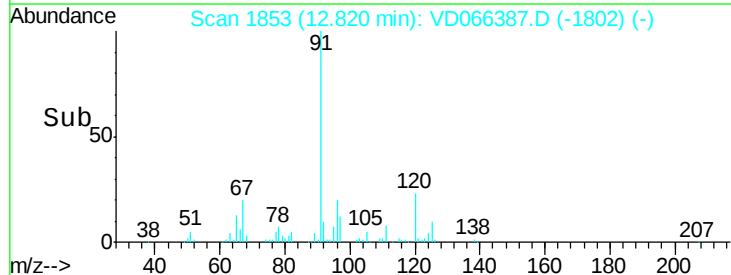
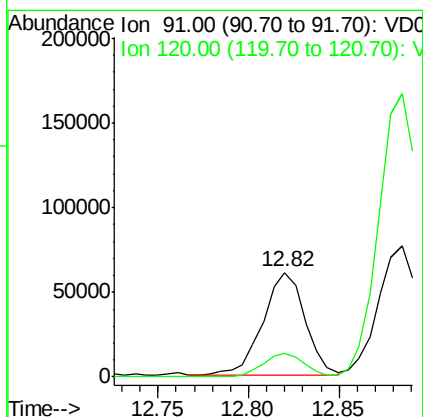
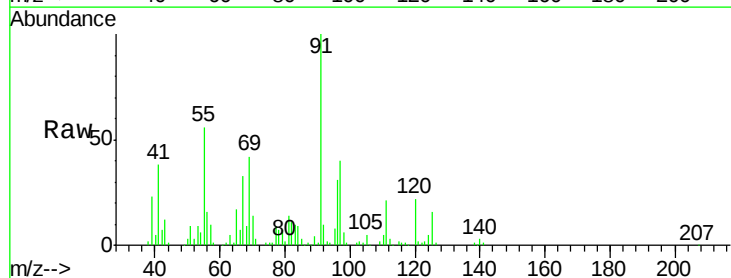
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRISRE

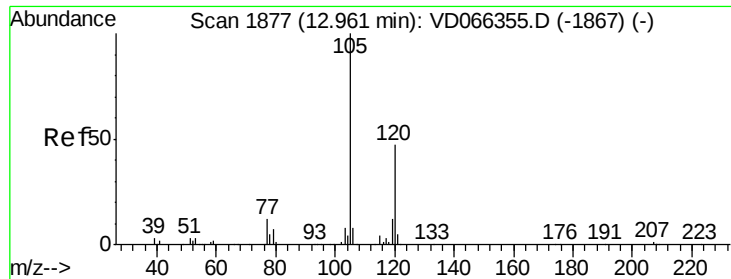
Tot Ion:105 Resp: 27955
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8



#78
n-propylbenzene
Concen: 27.028 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066387.D
Acq: 24 Aug 2020 18:02

Tgt Ion: 91 Resp: 97885
Ion Ratio Lower Upper
91 100
120 22.7 12.0 36.0

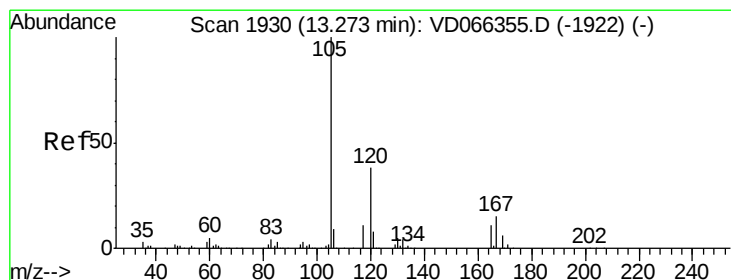
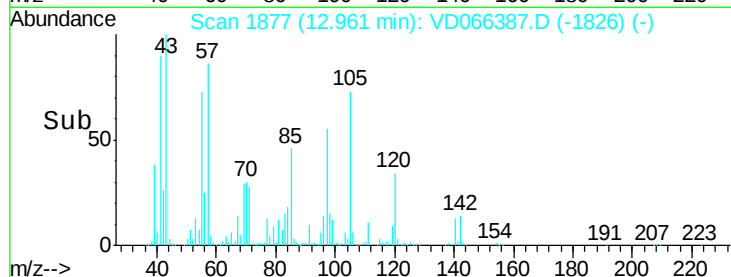
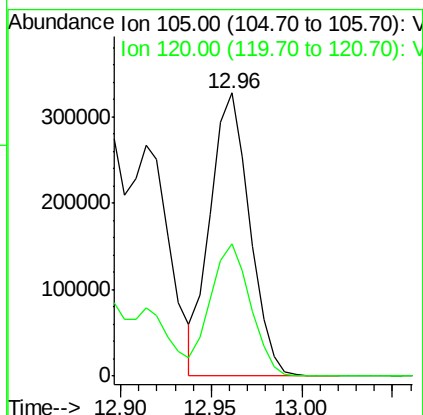
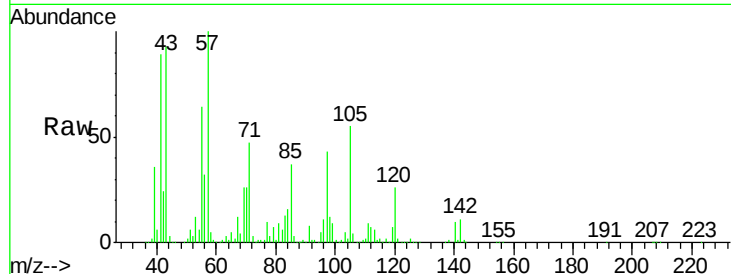




#80
 1,3,5-Trimethylbenzene
 Concen: 181.349 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066387.D
 Acq: 24 Aug 2020 18:02

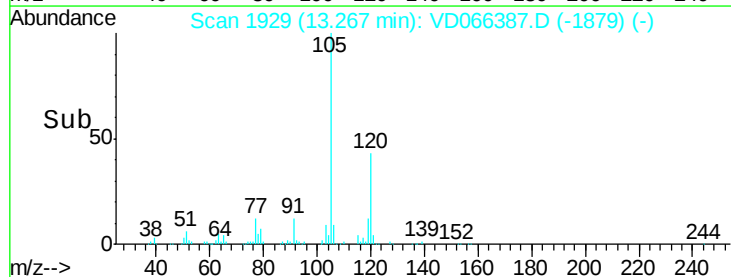
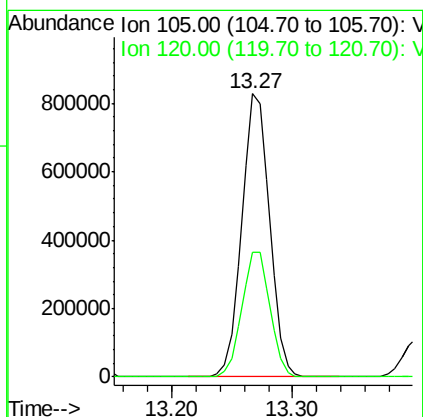
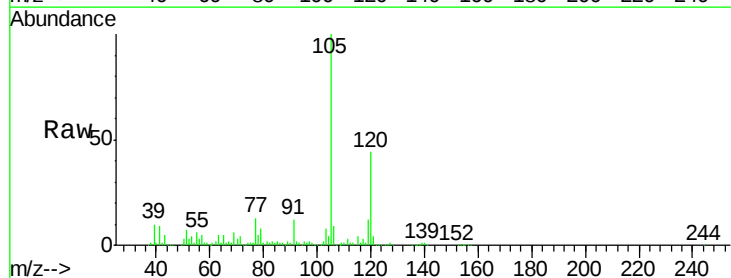
Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRISRE

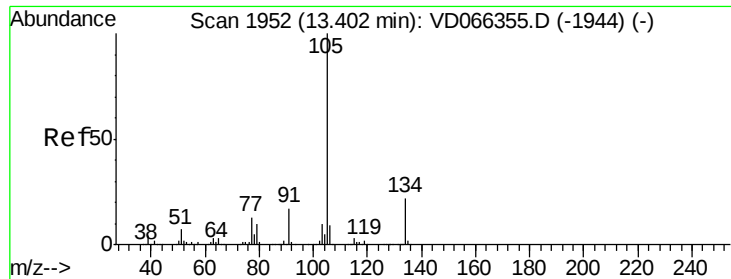
Tot Ion:105 Resp: 494574
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.1 72.2



#84
 1,2,4-Trimethylbenzene
 Concen: 496.530 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066387.D
 Acq: 24 Aug 2020 18:02

Tgt Ion:105 Resp: 1330038
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.7

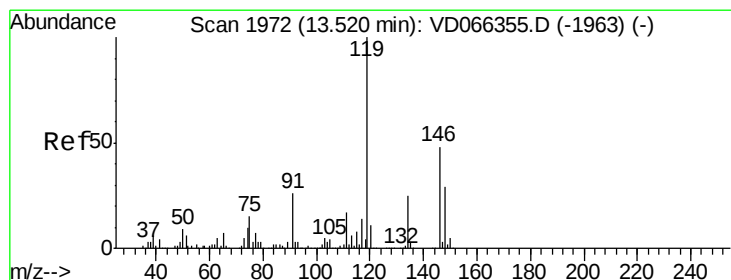
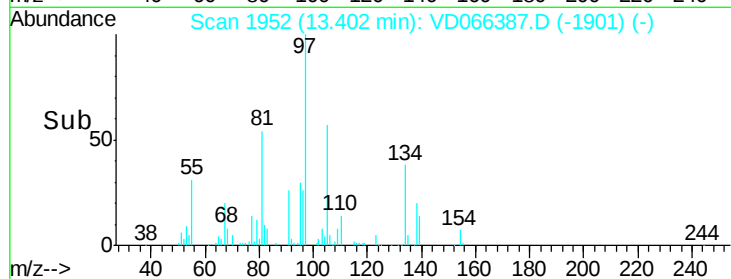
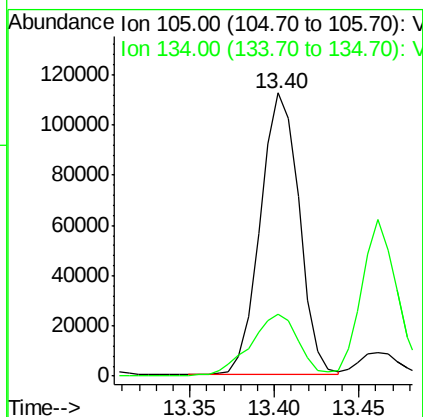
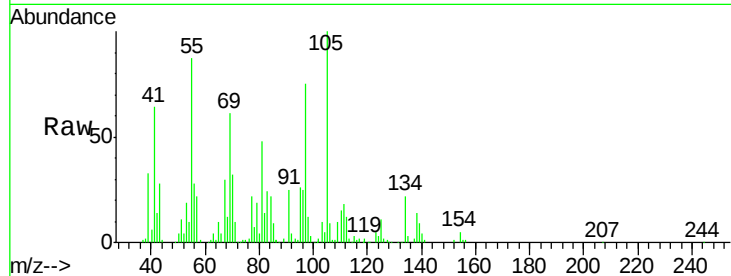




#85
 sec-Butylbenzene
 Concen: 57.783 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066387.D
 Acq: 24 Aug 2020 18:02

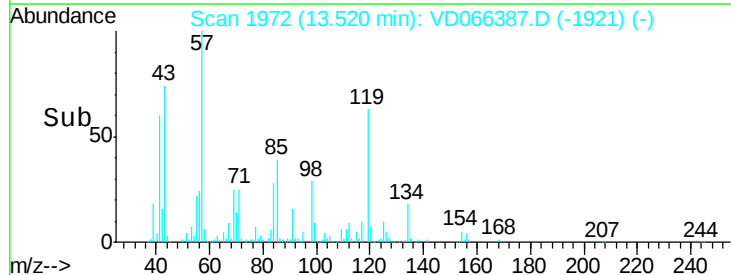
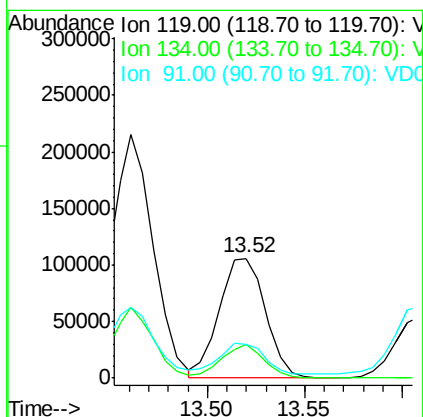
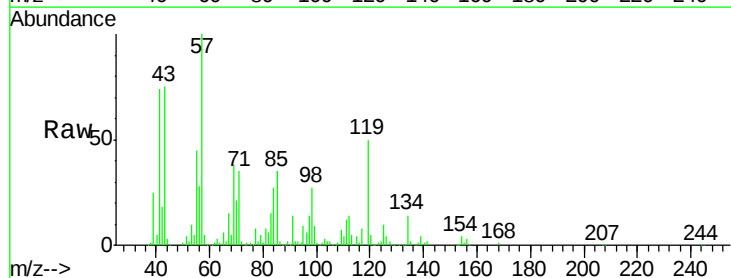
Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRISRE

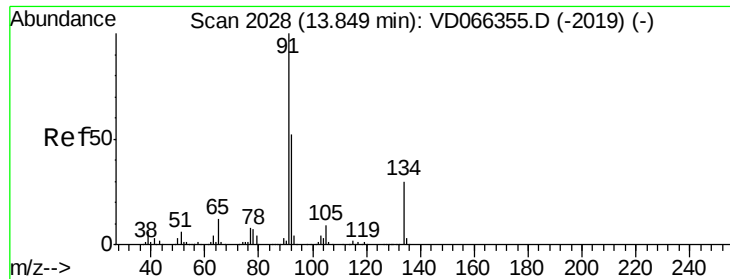
Tot Ion:105 Resp: 179336
 Ion Ratio Lower Upper
 105 100
 134 27.4 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 57.808 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066387.D
 Acq: 24 Aug 2020 18:02

Tgt Ion:119 Resp: 172999
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 25.4 12.7 38.0

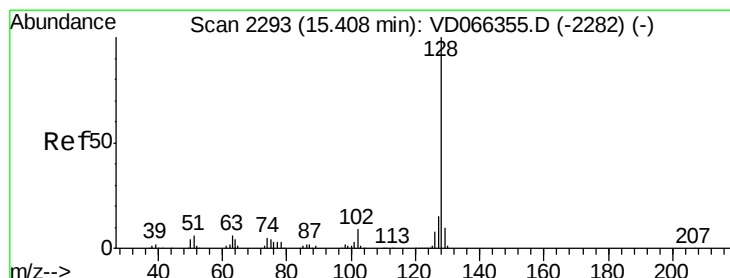
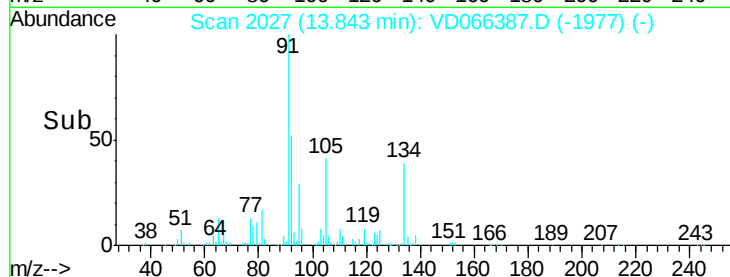
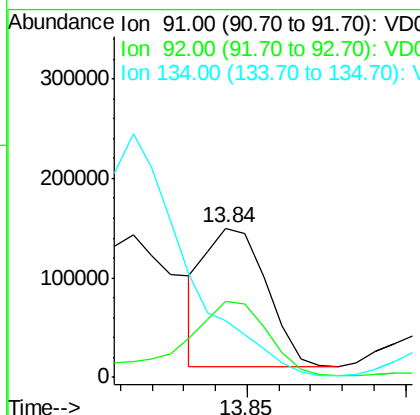
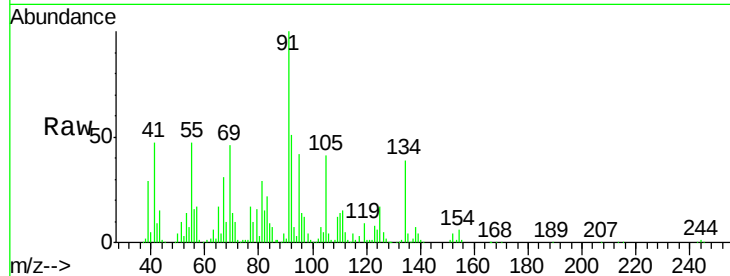




#89
n-Butylbenzene
Concen: 71.222 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066387.D
Acq: 24 Aug 2020 18:02

Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRISRE

Tot Ion: 91 Resp: 188086
Ion Ratio Lower Upper
91 100
92 74.6 26.4 79.0
134 0.0 14.4 43.4#



#95
Naphthalene
Concen: 95.312 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066387.D
Acq: 24 Aug 2020 18:02

Tgt Ion:128 Resp: 150561
Ion Ratio Lower Upper
128 100
127 9.9 10.7 16.1#
129 7.8 8.6 12.8#

