

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054324.D
 Acq On : 15 Mar 2019 21:55
 Operator : JC/SP
 Sample : K1906-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Mar 16 04:53:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1257984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2188355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2345692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1024789	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	700815	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
35) Dibromofluoromethane	7.59	113	681184	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
50) Toluene-d8	10.09	98	2729711	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.40	95	1064652	58.37	ug/l	0.00
Spiked Amount			Recovery	=	116.74%	

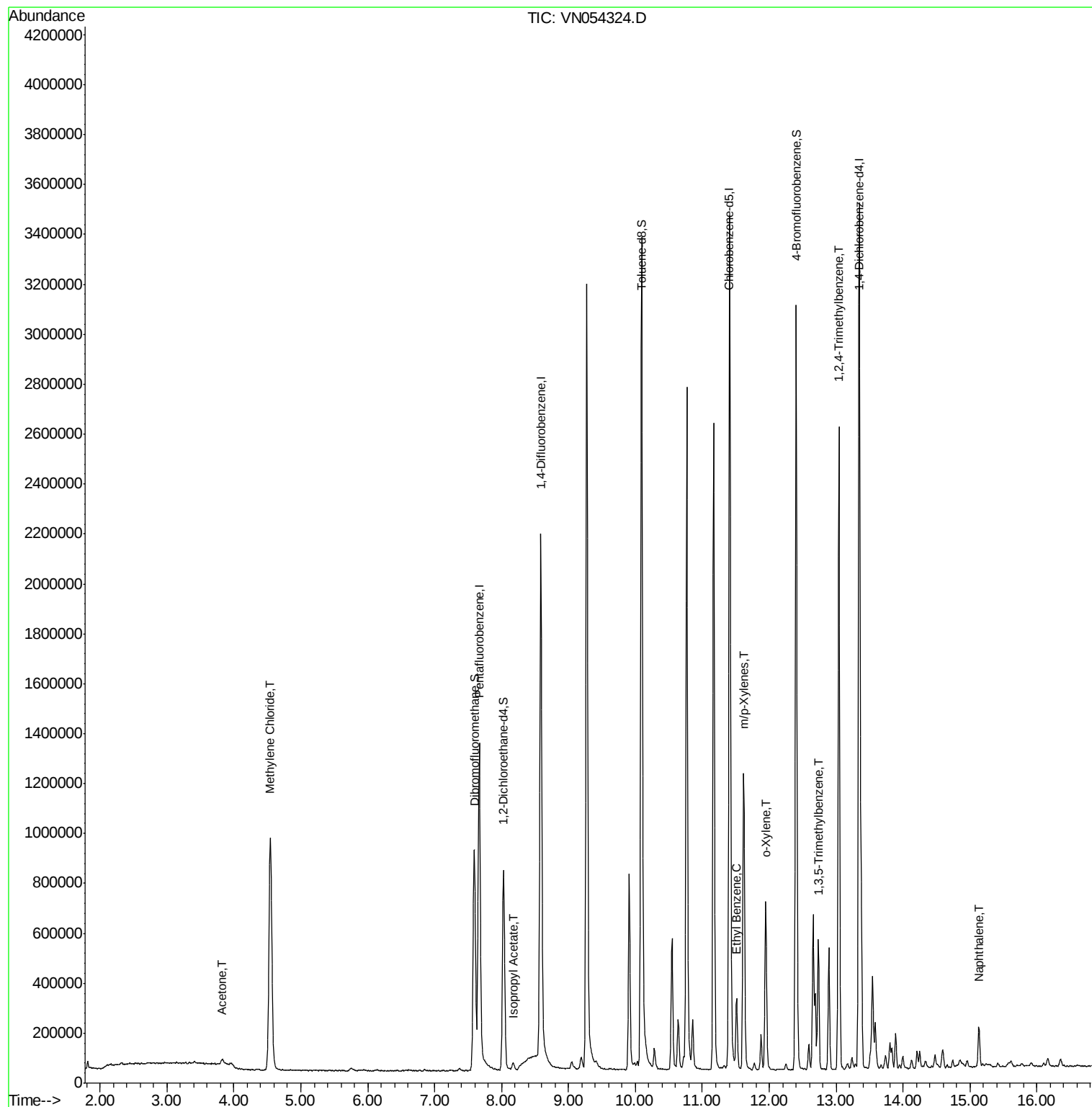
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	31871	8.332	ug/l	98
20) Methylene Chloride	4.54	84	756311	60.214	ug/l	98
43) Isopropyl Acetate	8.17	43	33526	1.649	ug/l	99
67) Ethyl Benzene	11.51	91	214459	2.512	ug/l	97
68) m/p-Xylenes	11.62	106	429441	12.869	ug/l	97
69) o-Xylene	11.95	106	203740	6.263	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	304126	4.459	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1519069	22.705	ug/l	100
95) Naphthalene	15.13	128	152425	6.626	ug/l	100

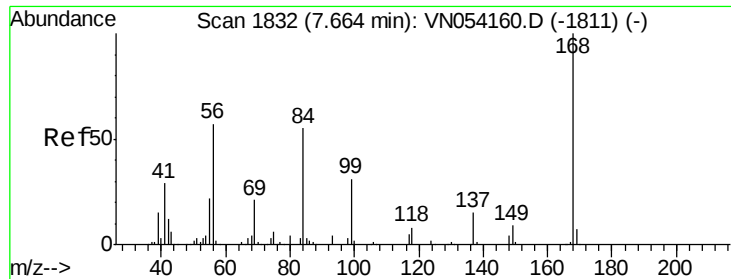
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

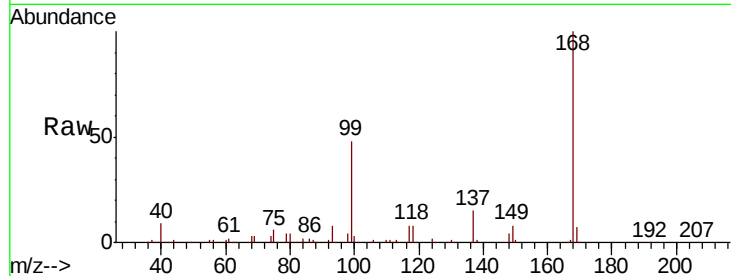
OILY-DEBRIS

Tgt Ion:168 Resp: 1257984

Ion Ratio Lower Upper

168 100

99 47.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054324.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054324.D (-1739) (-)

7.67

600000

500000

400000

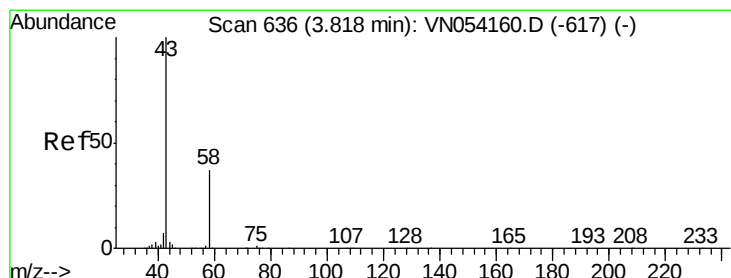
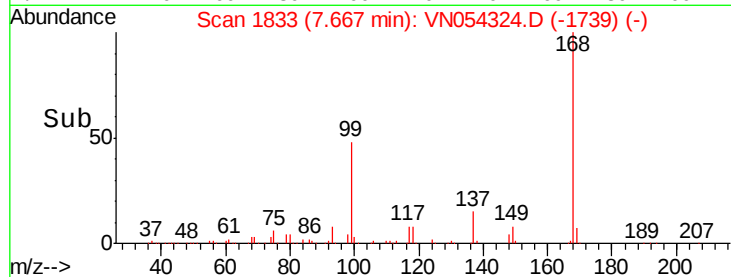
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.332 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054324.D

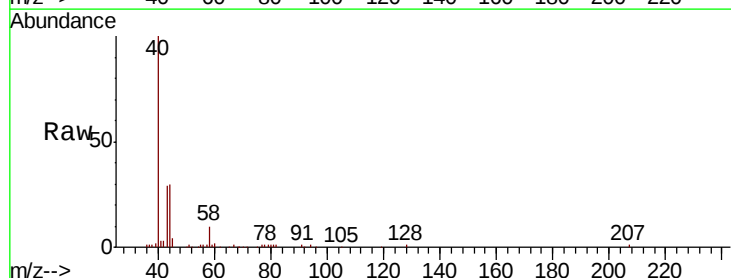
Acq: 15 Mar 2019 21:55

Tgt Ion: 43 Resp: 31871

Ion Ratio Lower Upper

43 100

58 38.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054324.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054324.D (-543) (-)

3.83

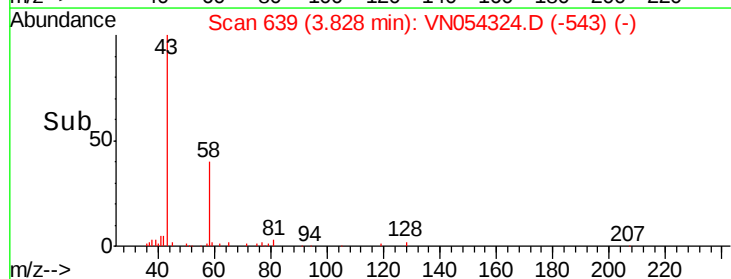
15000

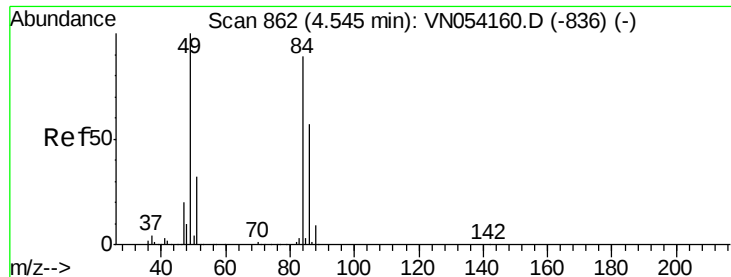
10000

5000

0

Time-->

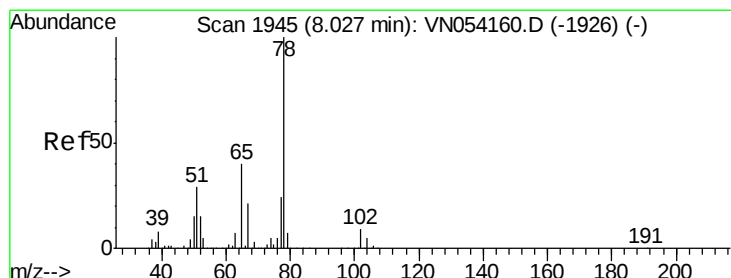
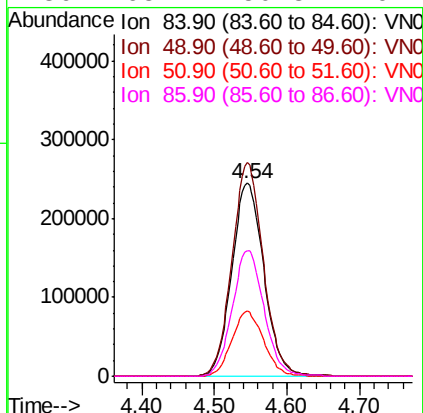
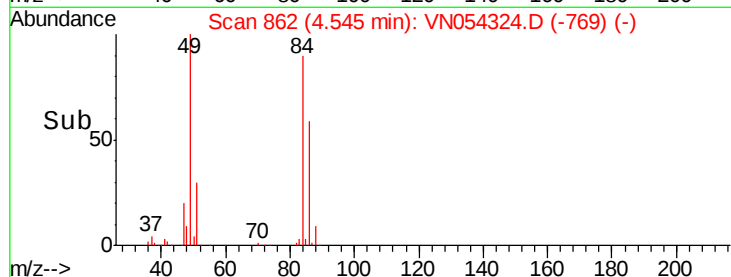
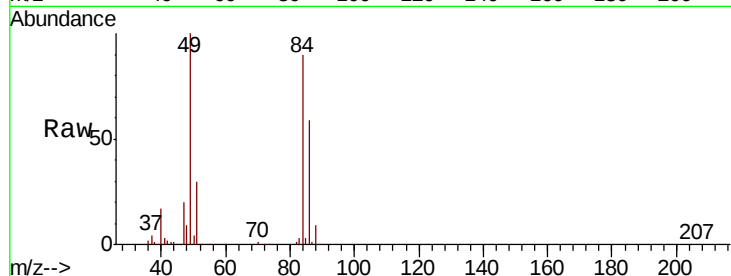




#20
Methylene Chloride
Concen: 60.214 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

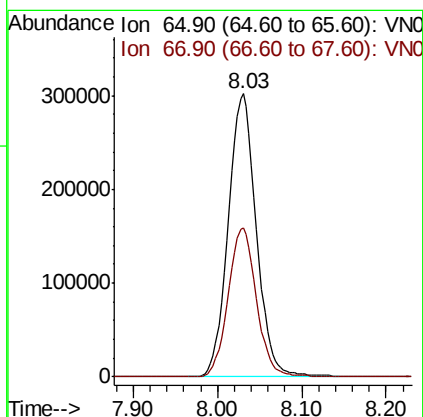
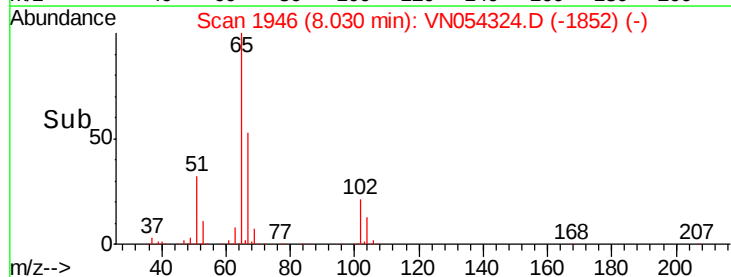
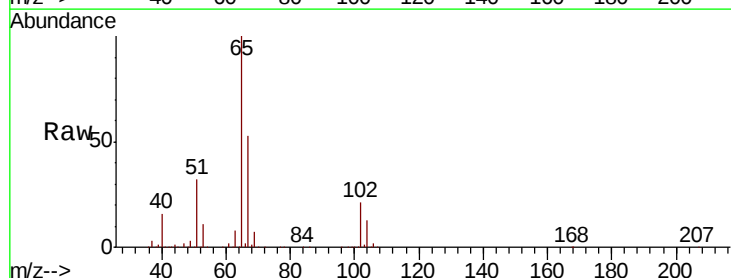
Instrument :
MSVOA_N
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OILY-DEBRIS

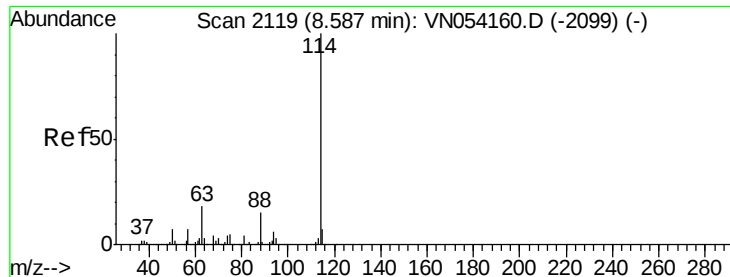
Tgt Ion:	84	Resp:	756311
Ion	Ratio	Lower	Upper
84	100		
49	110.7	89.7	134.5
51	33.6	28.2	42.4
86	65.1	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 52.457 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

Tgt Ion:	65	Resp:	700815
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.6

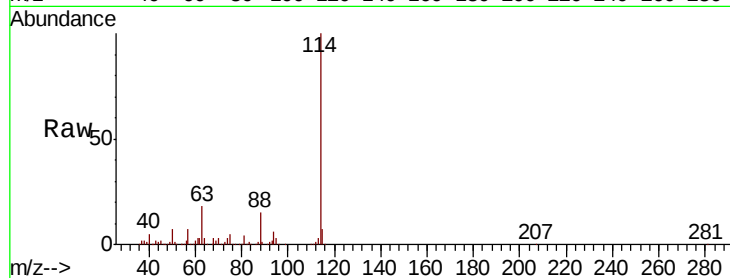




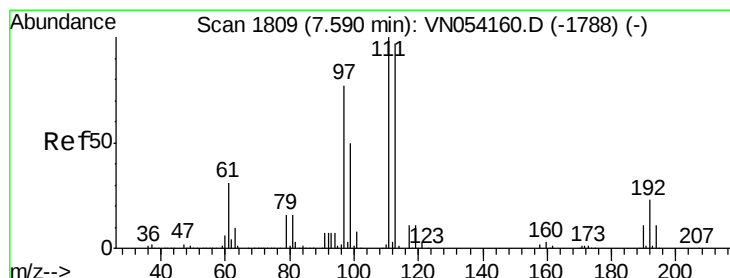
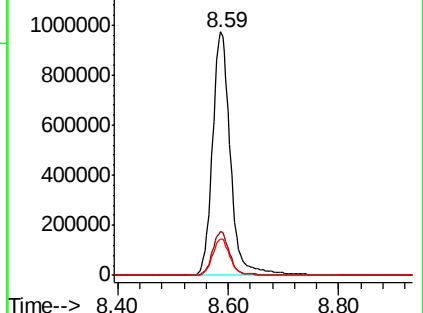
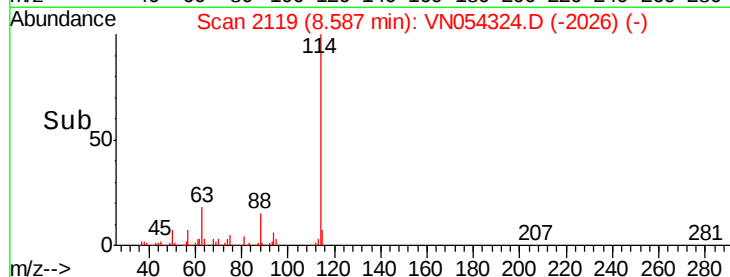
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054324.D
 Acq: 15 Mar 2019 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS

Tgt Ion:114 Resp: 2188355
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.2
 88 15.0 0.0 30.2

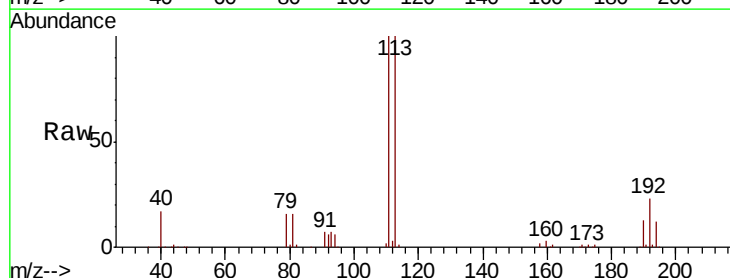


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

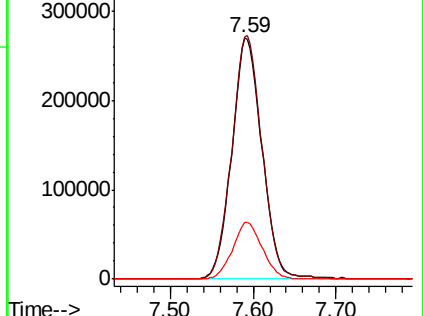
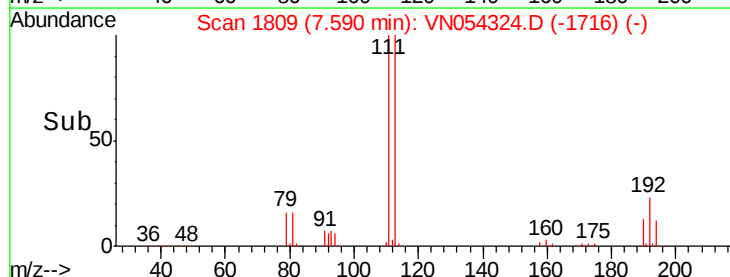


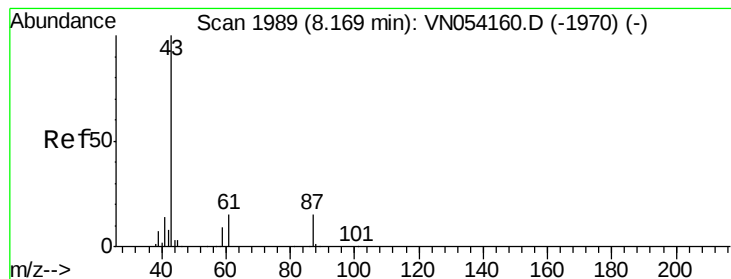
#35
 Dibromofluoromethane
 Concen: 48.263 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054324.D
 Acq: 15 Mar 2019 21:55

Tgt Ion:113 Resp: 681184
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.4
 192 23.5 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.649 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

OILY-DEBRIS

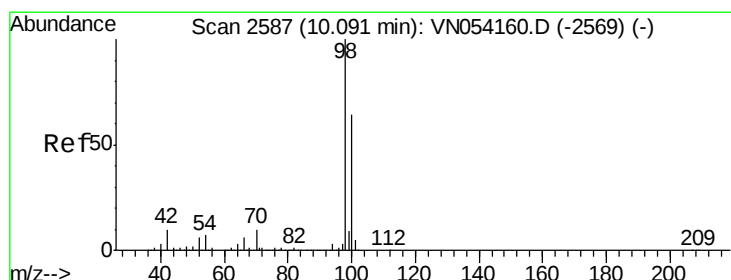
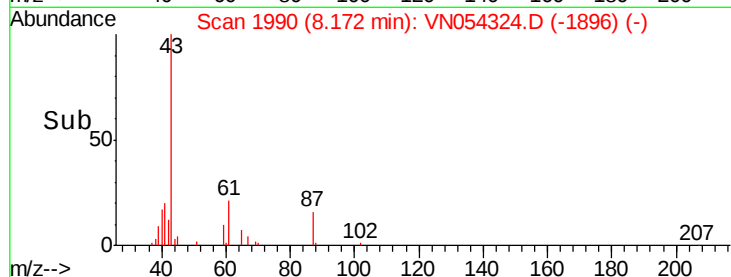
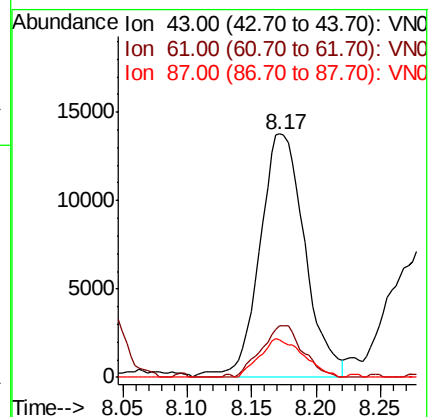
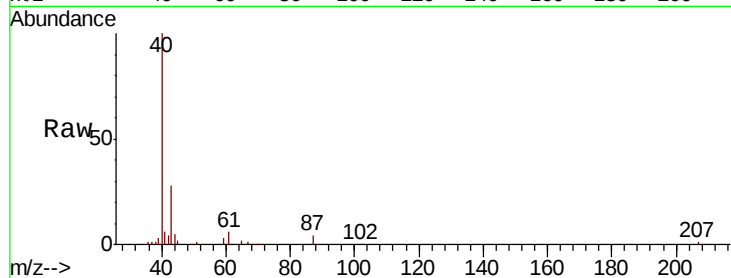
Tgt Ion: 43 Resp: 33526

Ion Ratio Lower Upper

43 100

61 19.5 15.8 23.8

87 15.4 12.0 18.0



#50

Toluene-d8

Concen: 52.369 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054324.D

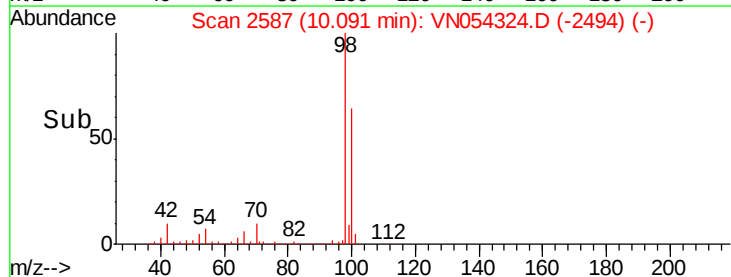
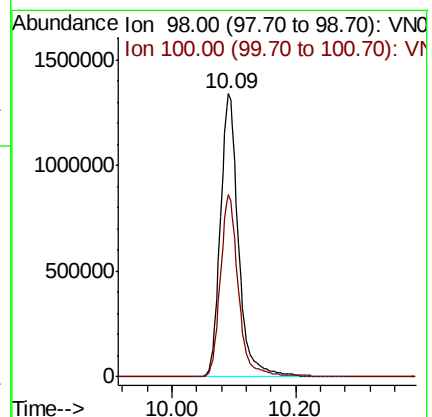
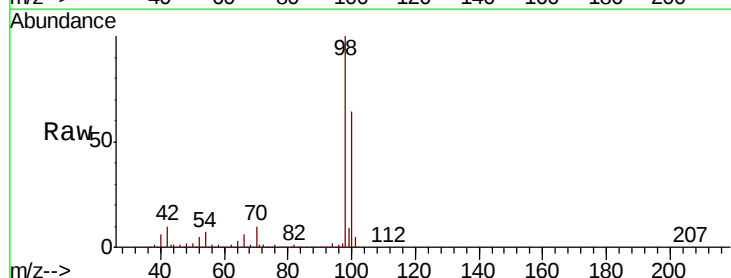
Acq: 15 Mar 2019 21:55

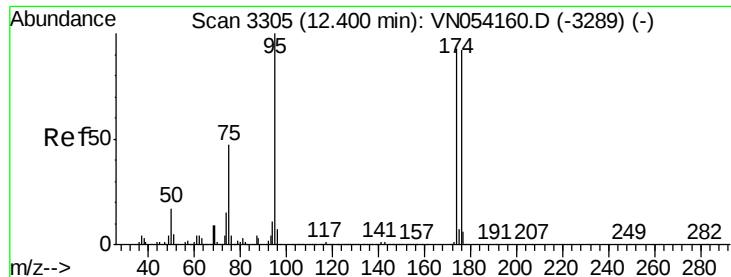
Tgt Ion: 98 Resp: 2729711

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 58.374 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

Instrument :

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OILY-DEBRIS

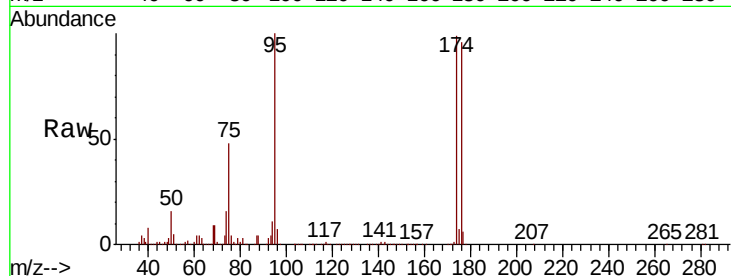
Tgt Ion: 95 Resp: 1064652

Ion Ratio Lower Upper

95 100

174 97.9 0.0 191.0

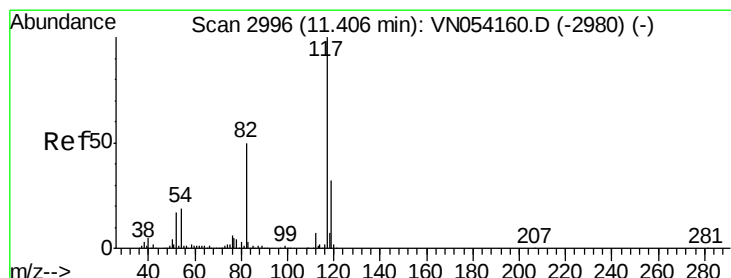
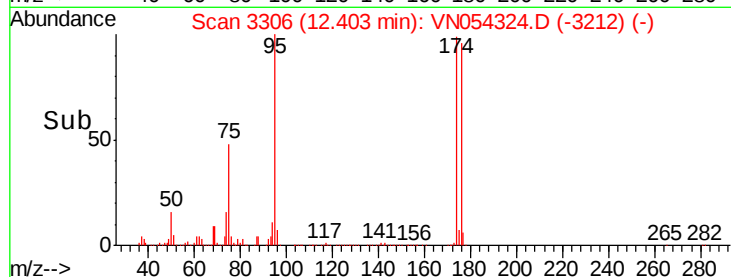
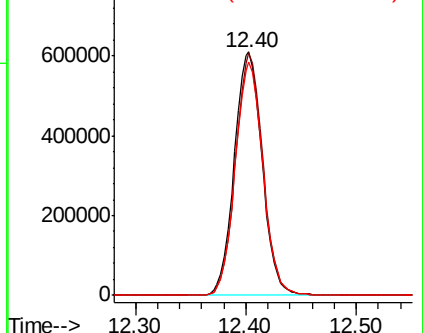
176 95.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054324.D

Acq: 15 Mar 2019 21:55

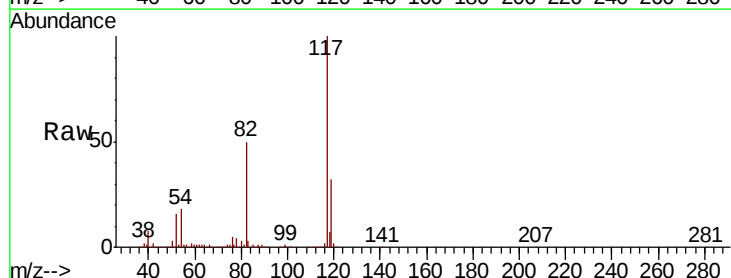
Tgt Ion: 117 Resp: 2345692

Ion Ratio Lower Upper

117 100

82 50.2 40.0 60.0

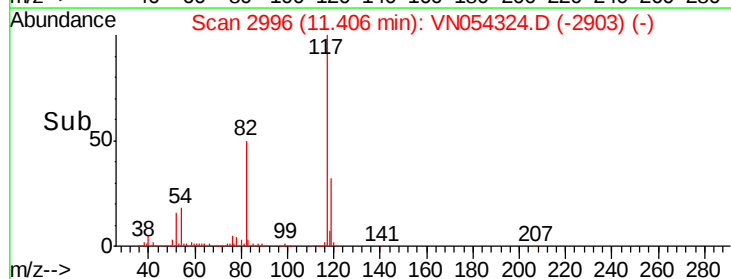
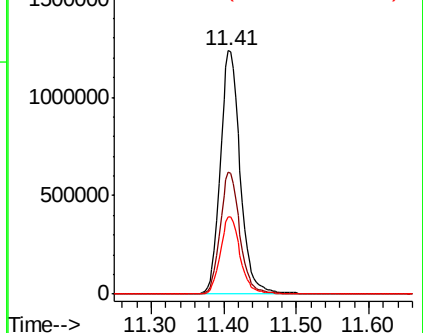
119 31.9 25.8 38.6

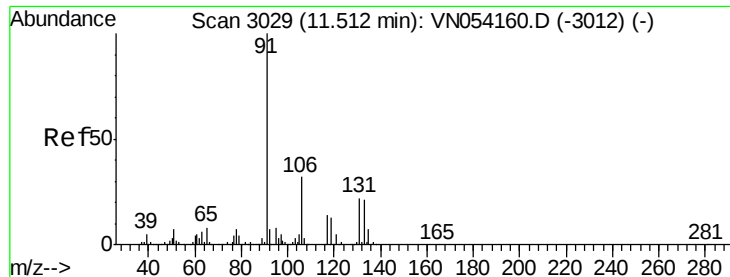


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)

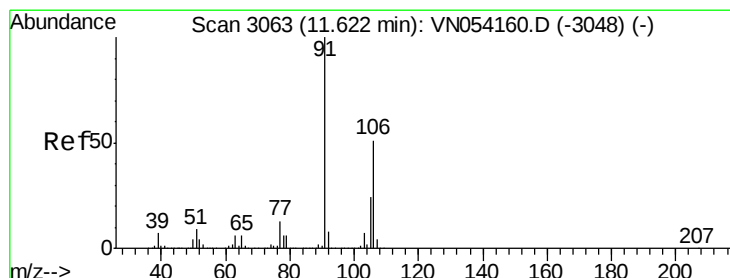
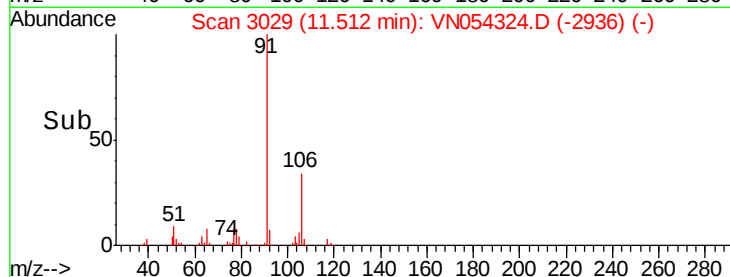
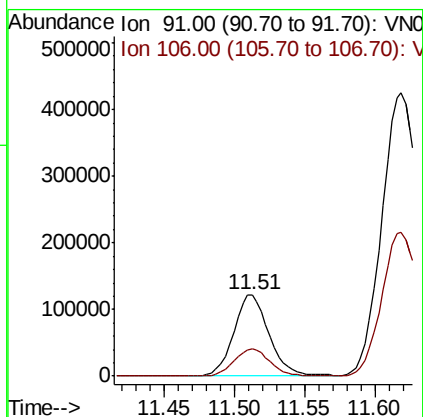
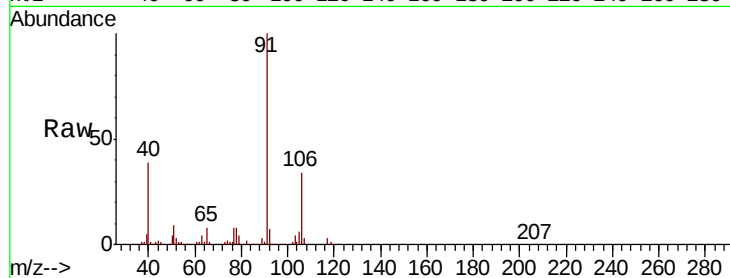




#67
Ethyl Benzene
Concen: 2.512 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

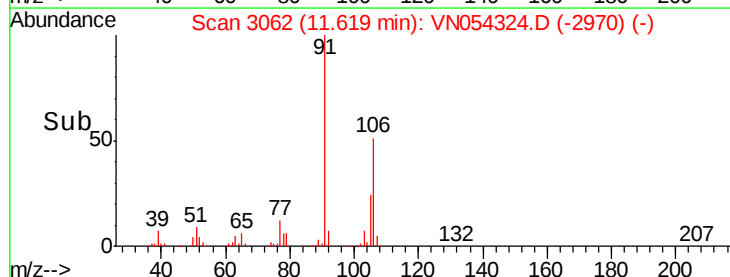
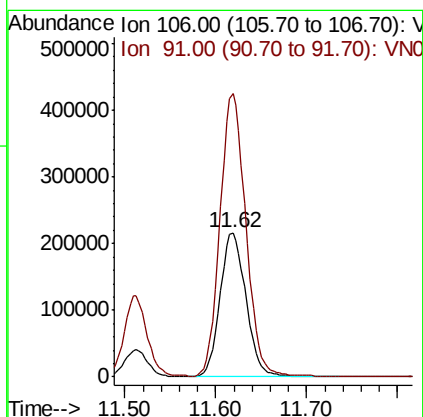
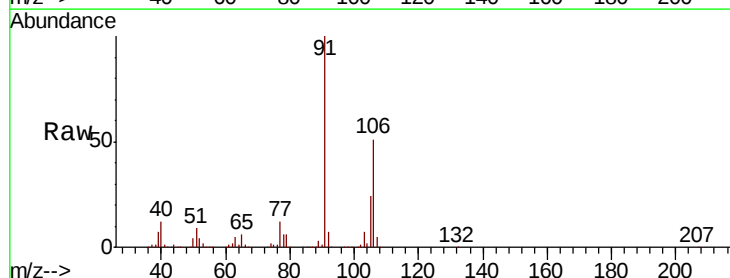
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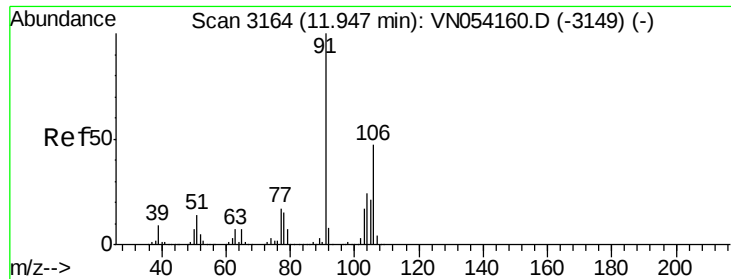
Tgt Ion: 91 Resp: 214459
Ion Ratio Lower Upper
91 100
106 33.7 25.5 38.3



#68
m/p-Xylenes
Concen: 12.869 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

Tgt Ion: 106 Resp: 429441
Ion Ratio Lower Upper
106 100
91 195.5 159.4 239.2

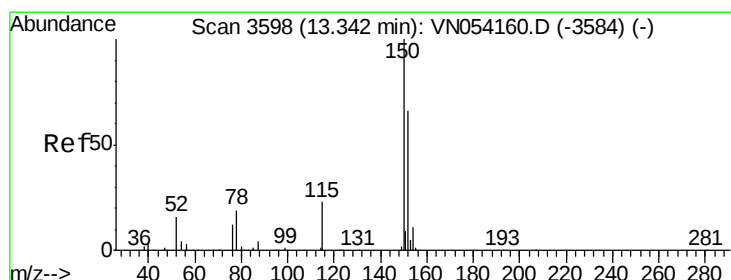
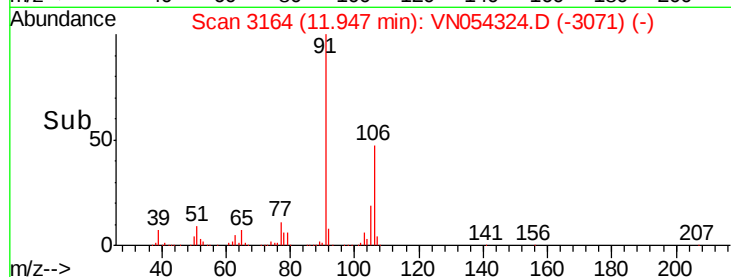
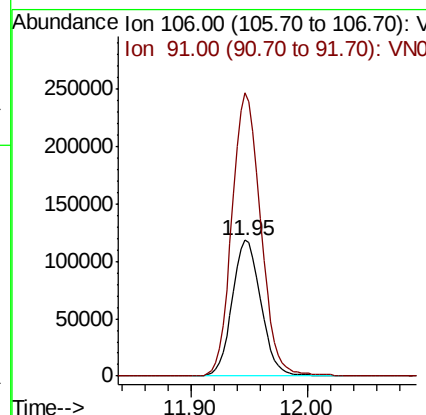
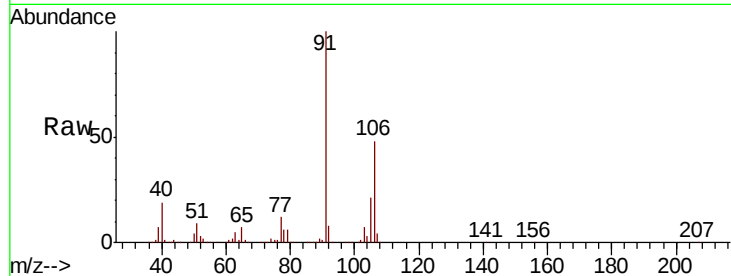




#69
o-Xylene
Concen: 6.263 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

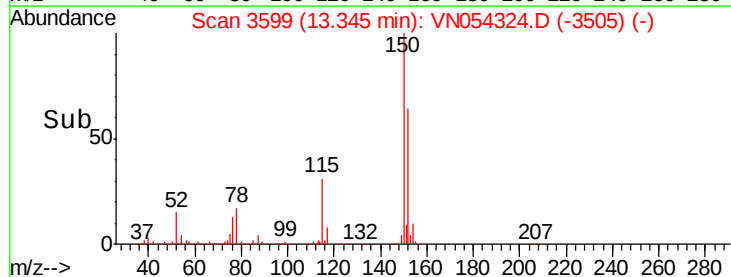
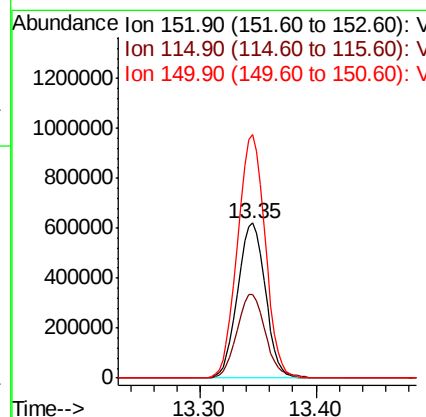
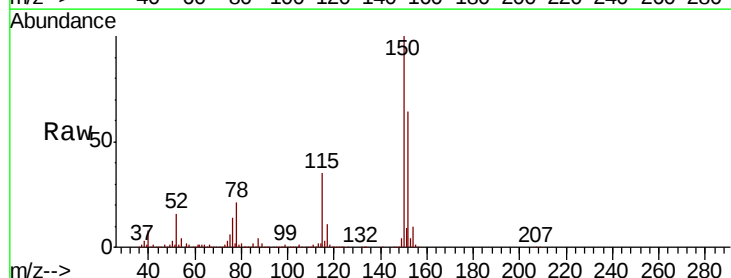
Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS

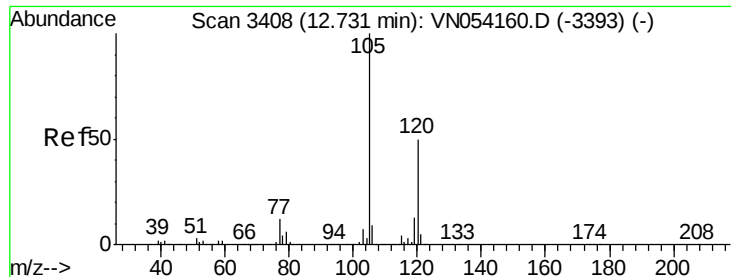
Tgt Ion:106 Resp: 203740
Ion Ratio Lower Upper
106 100
91 209.1 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

Tgt Ion:152 Resp: 1024789
Ion Ratio Lower Upper
152 100
115 55.7 27.2 81.6
150 156.4 0.0 349.2

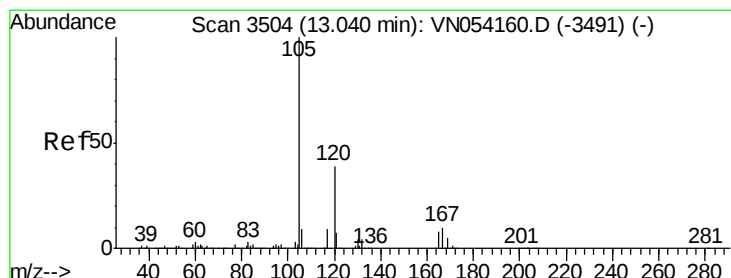
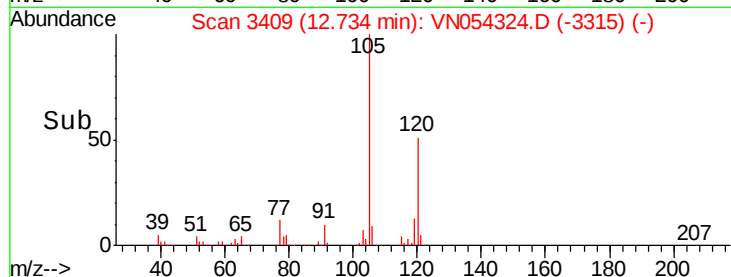
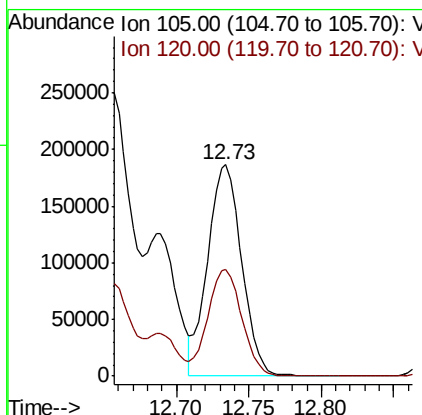
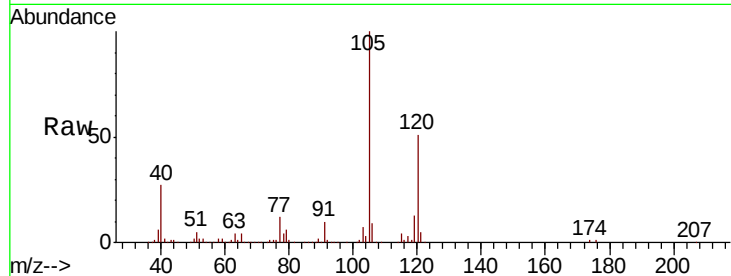




#80
 1,3,5-Trimethylbenzene
 Concen: 4.459 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN054324.D
 Acq: 15 Mar 2019 21:55

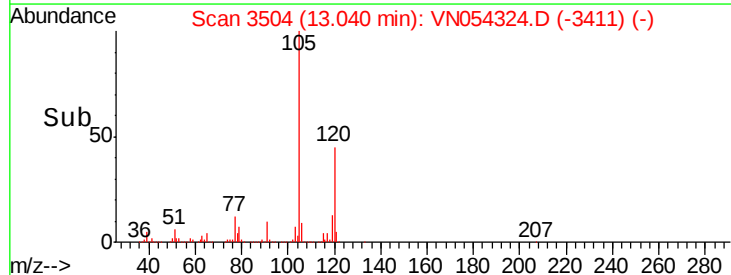
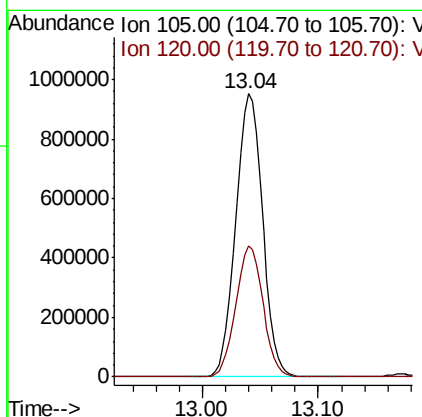
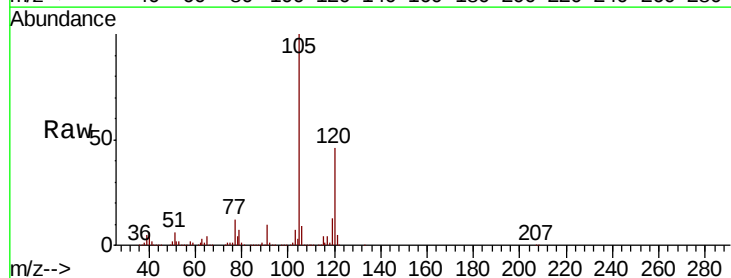
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS

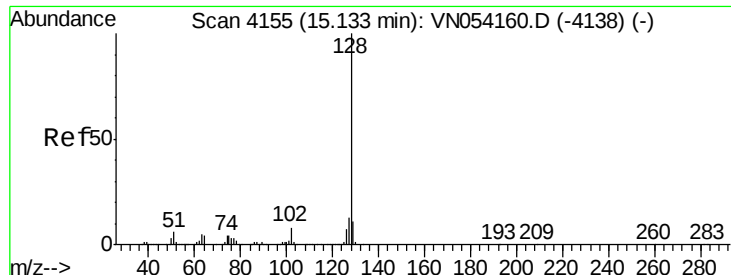
Tgt Ion:105 Resp: 304126
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.0 75.0



#84
 1,2,4-Trimethylbenzene
 Concen: 22.705 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054324.D
 Acq: 15 Mar 2019 21:55

Tgt Ion:105 Resp: 1519069
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.3





#95
Naphthalene
Concen: 6.626 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054324.D
Acq: 15 Mar 2019 21:55

Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	11.1	8.7	13.1

