

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011129.D
 Acq On : 27 Jul 2019 07:23
 Operator : JC/SP
 Sample : K4012-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Jul 29 03:48:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	190305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308776	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150230	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105732	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
35) Dibromofluoromethane	5.50	113	96679	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
50) Toluene-d8	8.71	98	386044	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	11.13	95	138134	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	

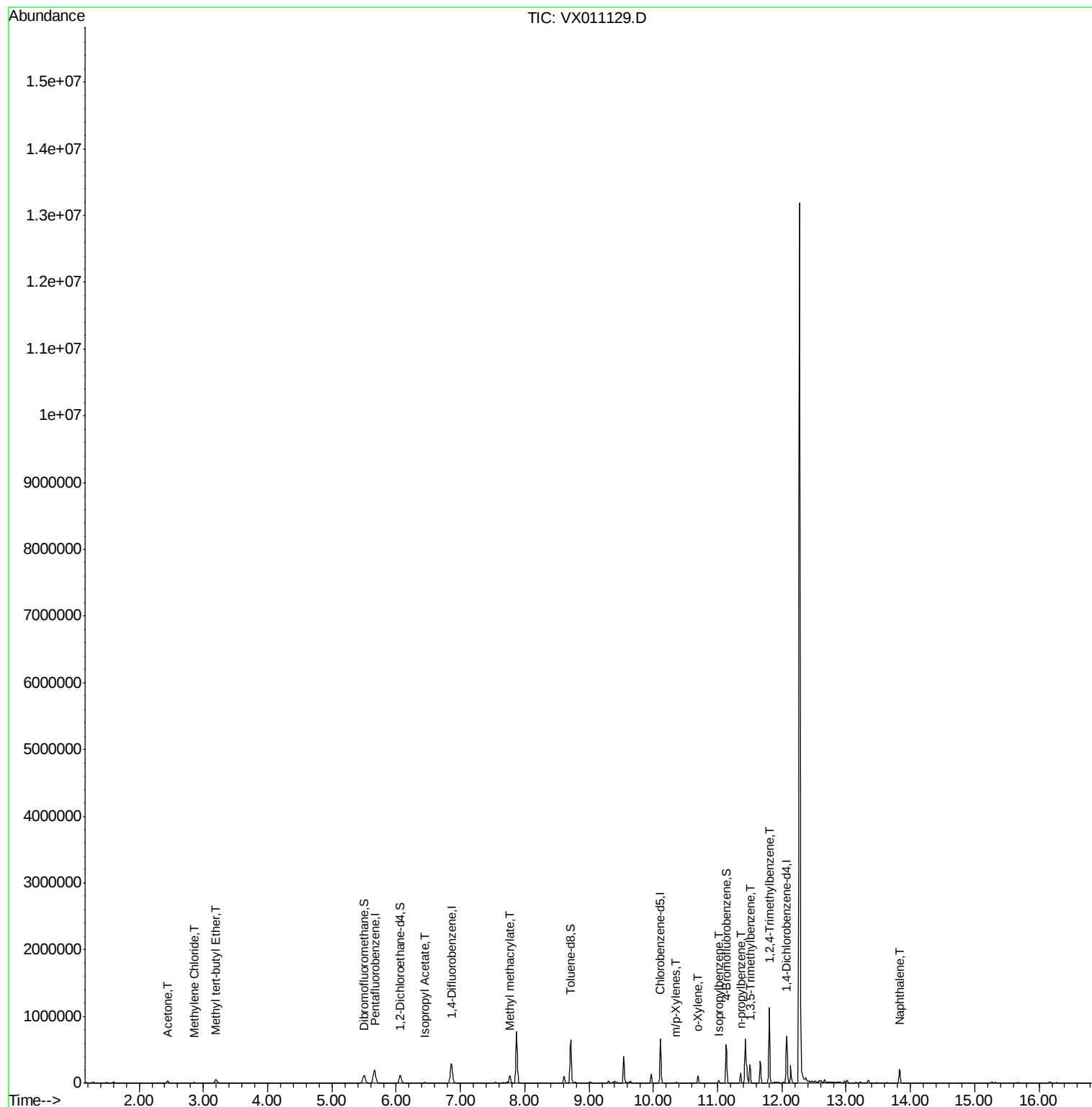
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	31725	34.695	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	60861	11.153	ug/l	97
20) Methylene Chloride	2.85	84	3275	1.690	ug/l #	86
43) Isopropyl Acetate	6.44	43	10319	2.416	ug/l	96
48) Methyl methacrylate	7.77	41	47975	23.061	ug/l	99
68) m/p-Xylenes	10.36	106	4316	1.079	ug/l	100
69) o-Xylene	10.69	106	21039	5.391	ug/l	100
73) Isopropylbenzene	11.02	105	16550	1.630	ug/l	99
78) n-propylbenzene	11.36	91	87168	7.772	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	116261	13.706	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	481288	56.296	ug/l	99
95) Naphthalene	13.83	128	127401	13.219	ug/l	100

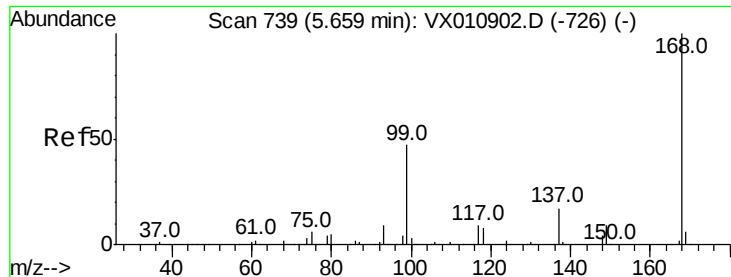
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072619\
Data File : VX011129.D
Acq On : 27 Jul 2019 07:23
Operator : JC/SP
Sample : K4012-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS

Quant Time: Jul 29 03:48:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011129.D

Acq: 27 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

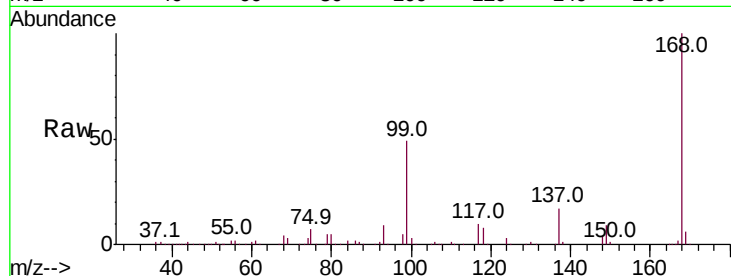
OILY-DEBRIS

Tot Ion:168 Resp: 190305

Ion Ratio Lower Upper

168 100

99 49.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

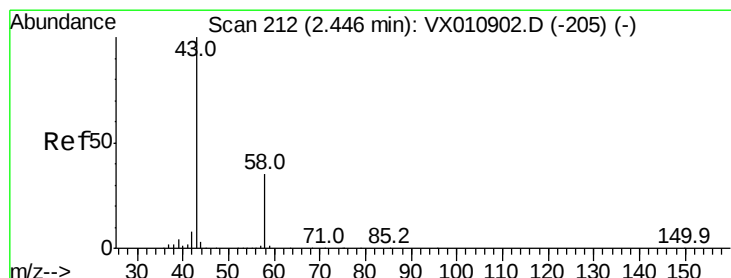
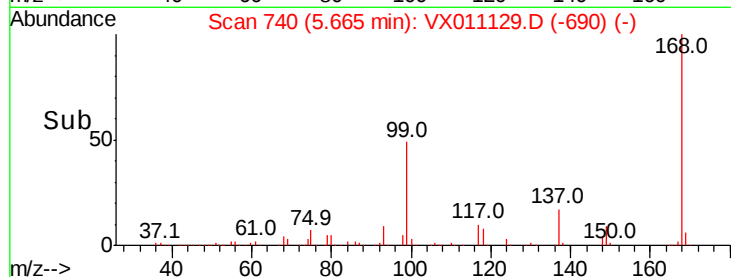
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 34.695 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011129.D

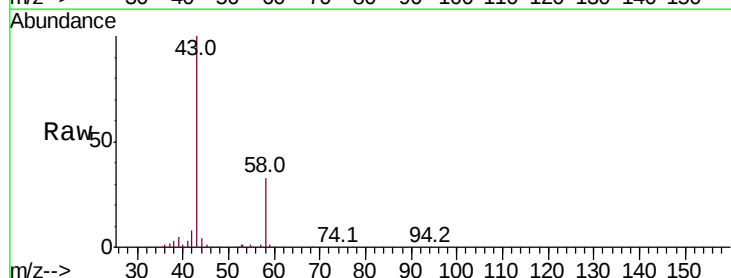
Acq: 27 Jul 2019 07:23

Tgt Ion: 43 Resp: 31725

Ion Ratio Lower Upper

43 100

58 32.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

20000

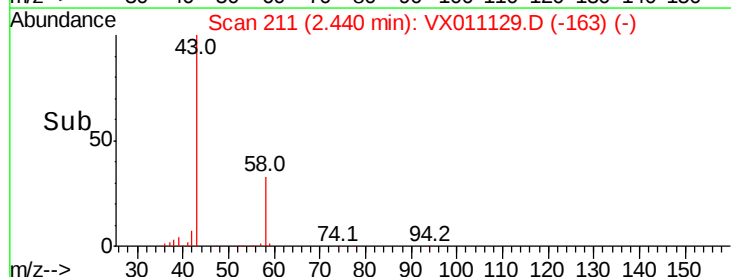
15000

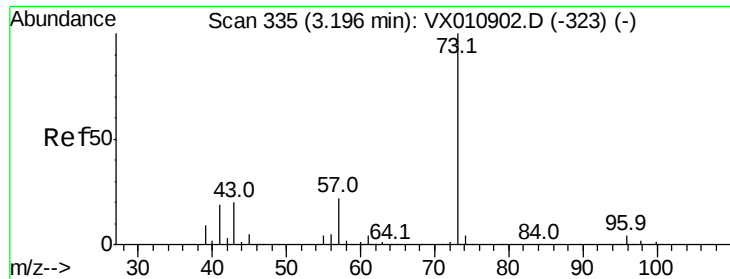
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

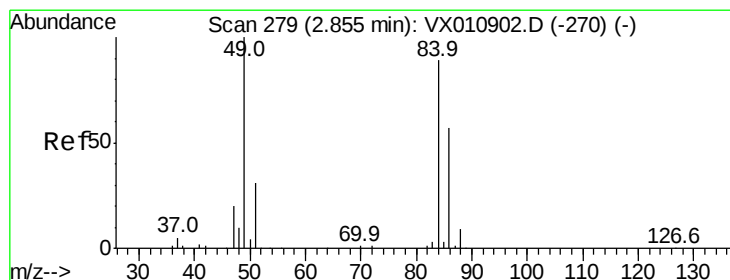
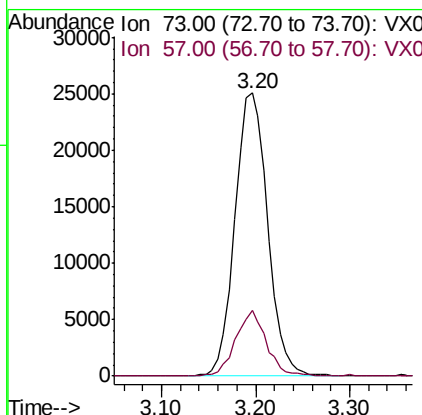
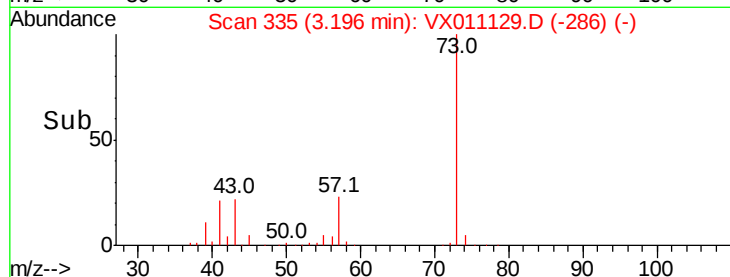
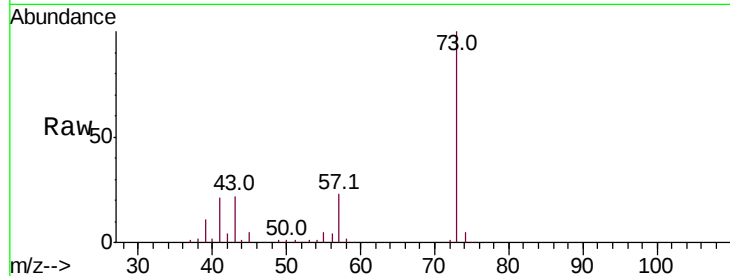




#19
Methyl tert-butyl Ether
Concen: 11.153 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011129.D
Acq: 27 Jul 2019 07:23

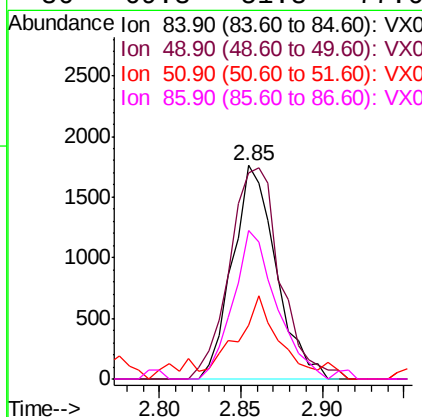
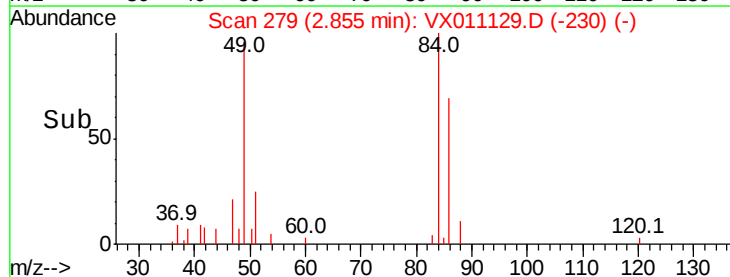
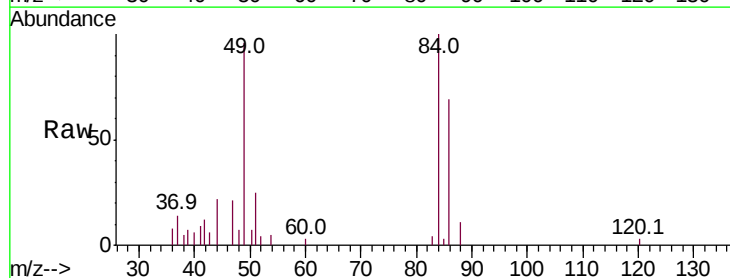
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS

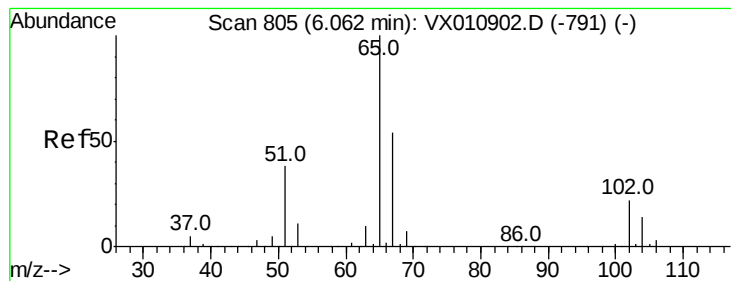
Tot Ion: 73 Resp: 60861
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9



#20
Methylene Chloride
Concen: 1.690 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011129.D
Acq: 27 Jul 2019 07:23

Tgt Ion: 84 Resp: 3275
Ion Ratio Lower Upper
84 100
49 96.3 89.9 134.9
51 20.8 27.8 41.6#
86 69.3 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 52.225 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011129.D

Acq: 27 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

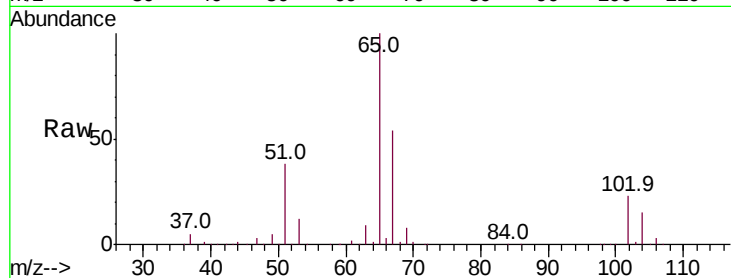
OILY-DEBRIS

Tot Ion: 65 Resp: 105732

Ion Ratio Lower Upper

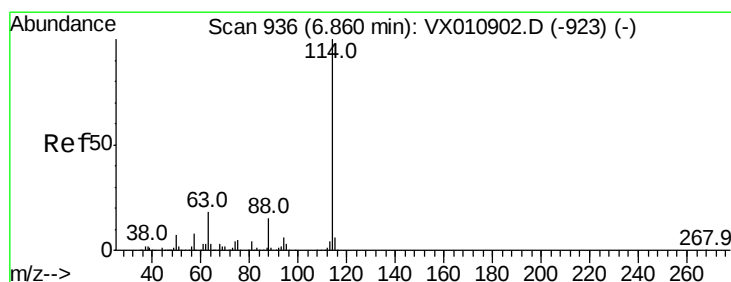
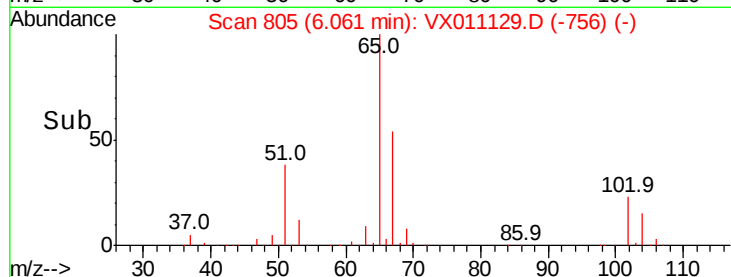
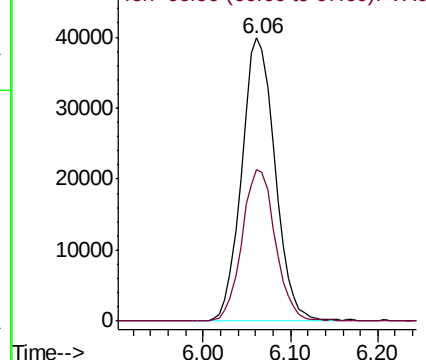
65 100

67 53.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011129.D

Acq: 27 Jul 2019 07:23

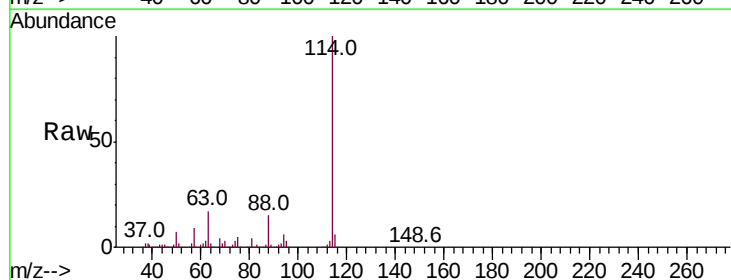
Tgt Ion:114 Resp: 308776

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.6

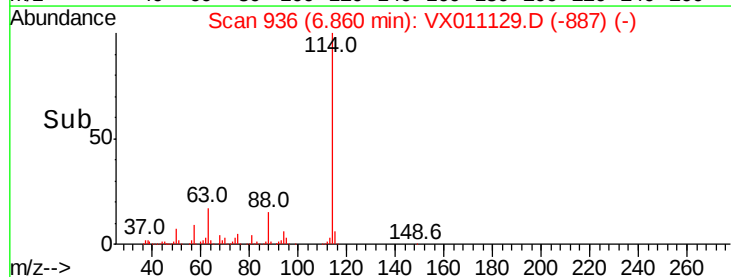
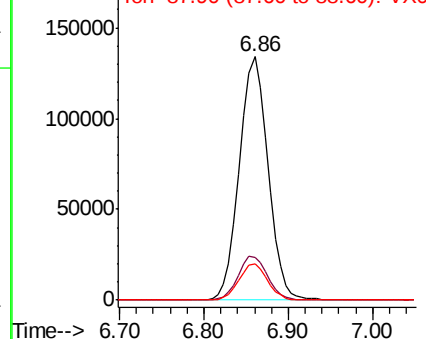
88 14.7 0.0 29.8

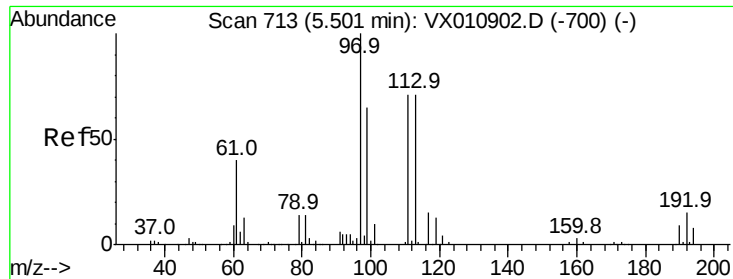


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

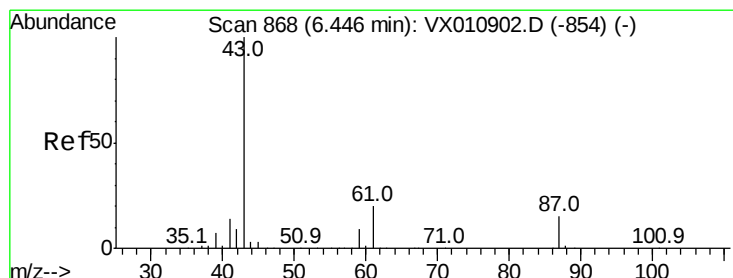
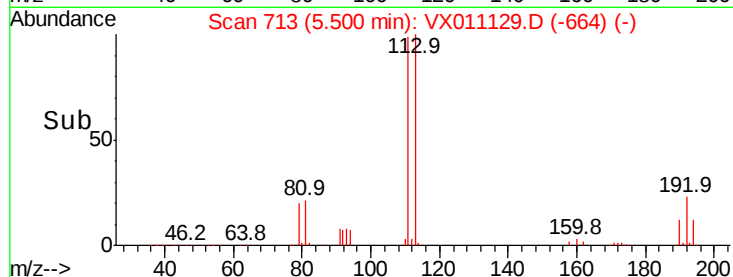
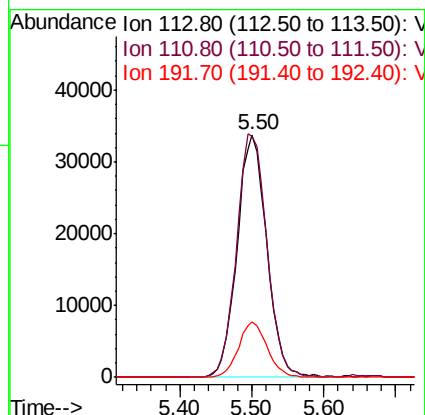
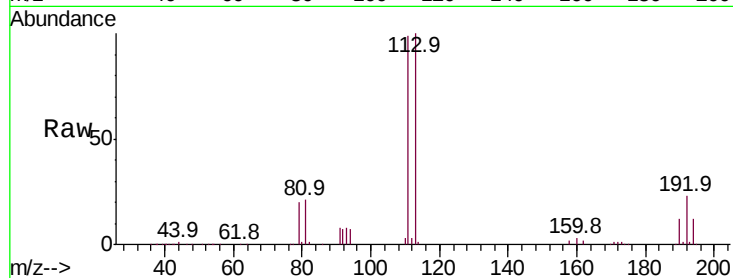




#35
 Dibromofluoromethane
 Concen: 49.329 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX011129.D
 Acq: 27 Jul 2019 07:23

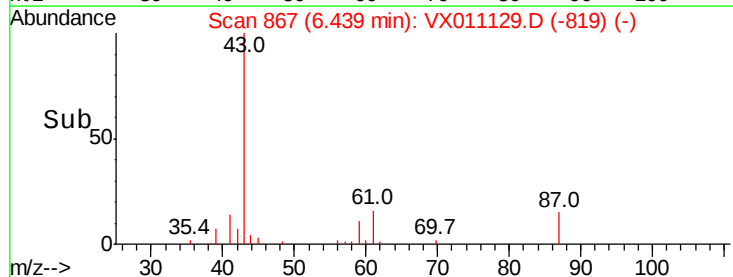
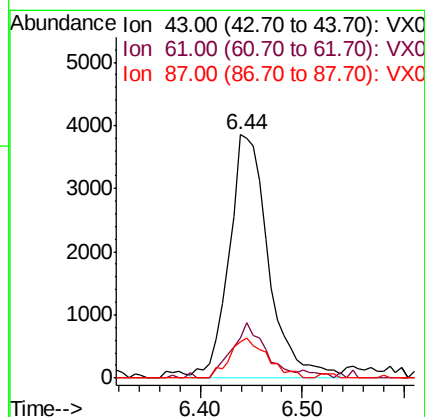
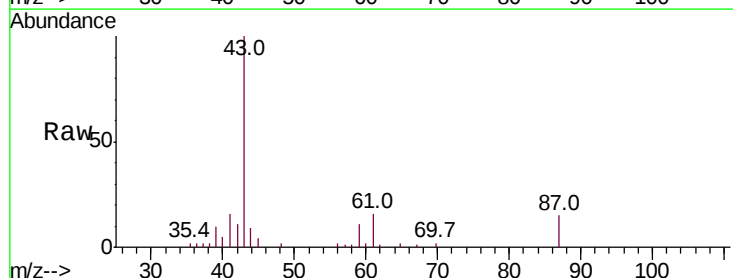
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-DEBRIS

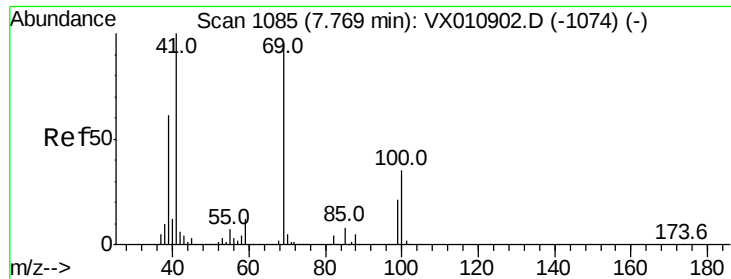
Tot Ion:113 Resp: 96679
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.3 123.5
 192 22.1 17.4 26.2



#43
 Isopropyl Acetate
 Concen: 2.416 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX011129.D
 Acq: 27 Jul 2019 07:23

Tgt Ion: 43 Resp: 10319
 Ion Ratio Lower Upper
 43 100
 61 19.0 17.1 25.7
 87 15.7 12.0 18.0

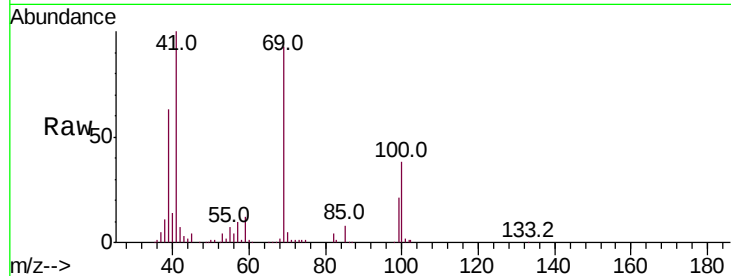




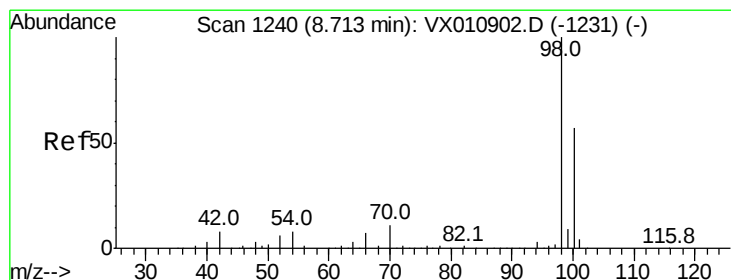
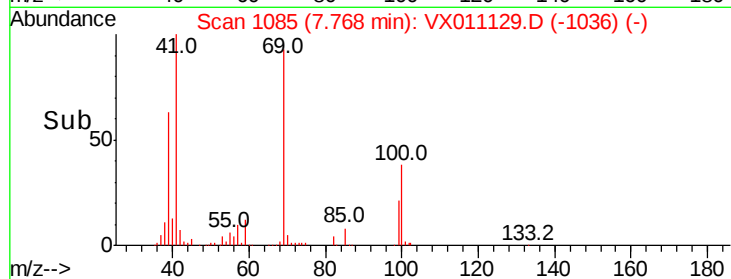
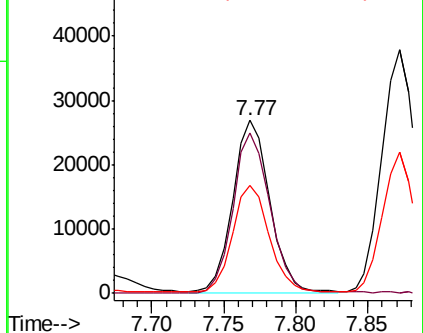
#48
Methvl methacrylate
Concen: 23.061 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX011129.D
Acq: 27 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS

Tot Ion: 41 Resp: 47975
Ion Ratio Lower Upper
41 100
69 93.9 74.4 111.6
39 62.2 48.9 73.3

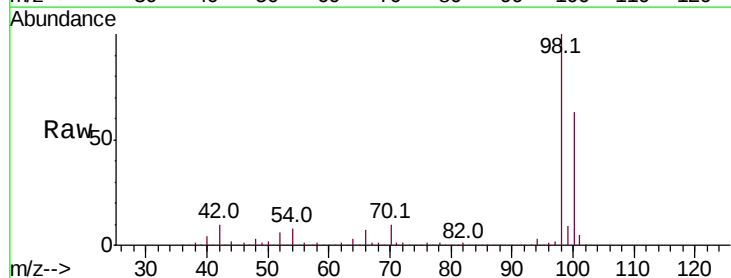


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

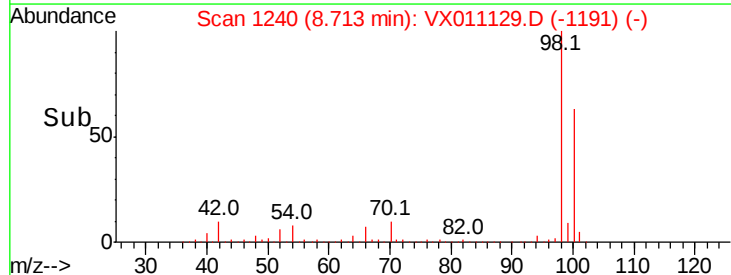
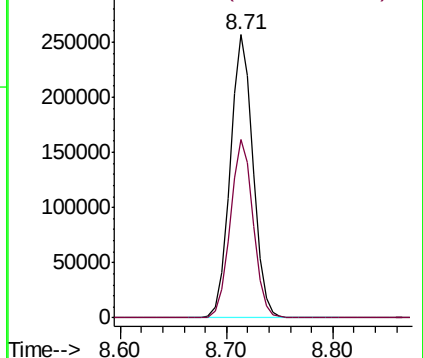


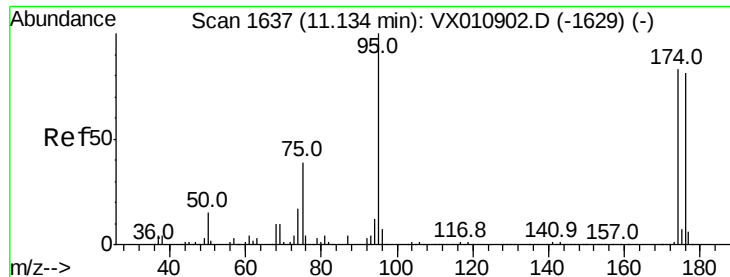
#50
Toluene-d8
Concen: 52.518 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011129.D
Acq: 27 Jul 2019 07:23

Tgt Ion: 98 Resp: 386044
Ion Ratio Lower Upper
98 100
100 63.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.125 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011129.D

Acq: 27 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

OILY-DEBRIS

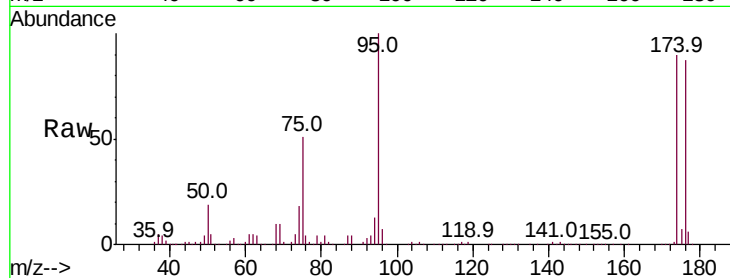
Tot Ion: 95 Resp: 138134

Ion Ratio Lower Upper

95 100

174 91.9 0.0 180.6

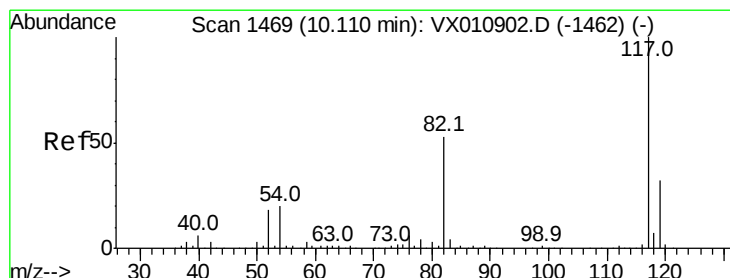
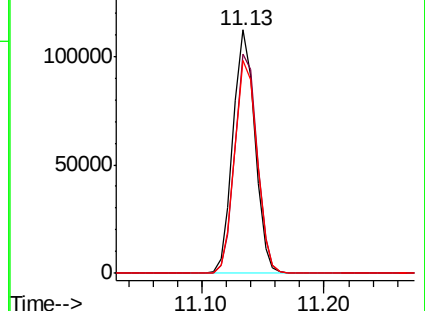
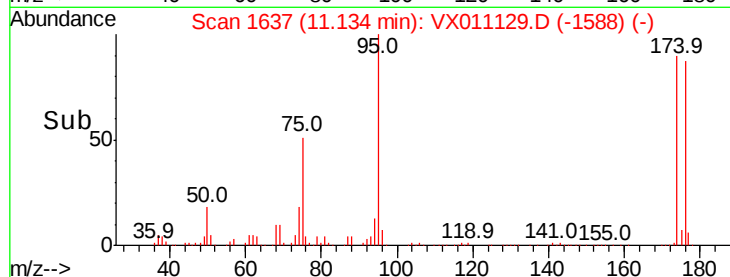
176 89.8 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011129.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011129.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011129.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011129.D

Acq: 27 Jul 2019 07:23

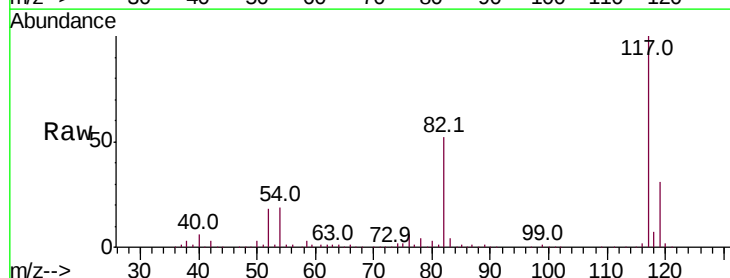
Tgt Ion: 117 Resp: 298202

Ion Ratio Lower Upper

117 100

82 52.5 42.6 63.8

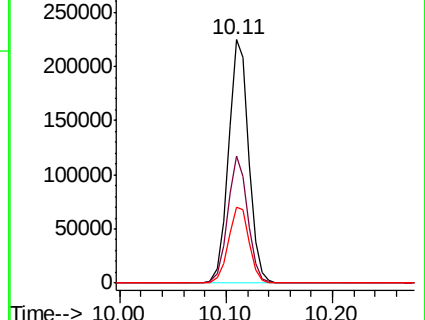
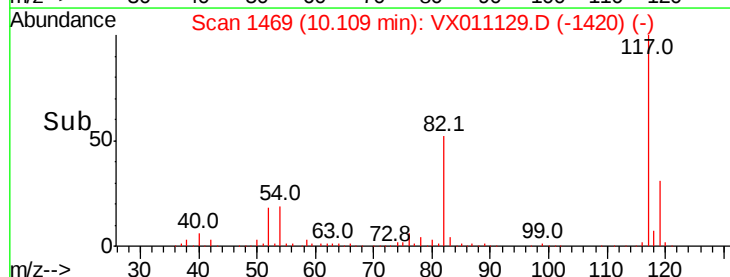
119 31.1 25.9 38.9

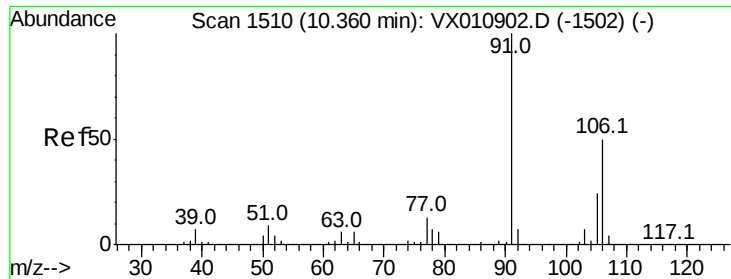


Abundance Ion 116.90 (116.60 to 117.60): VX011129.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011129.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011129.D (-1420) (-)

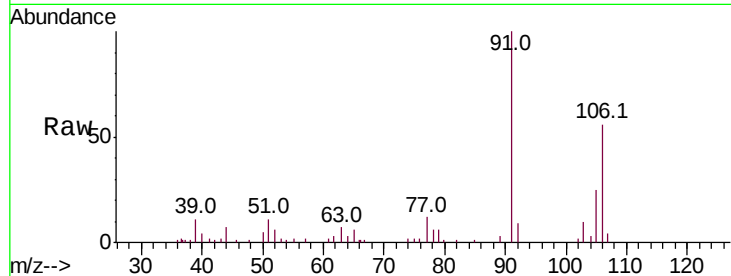




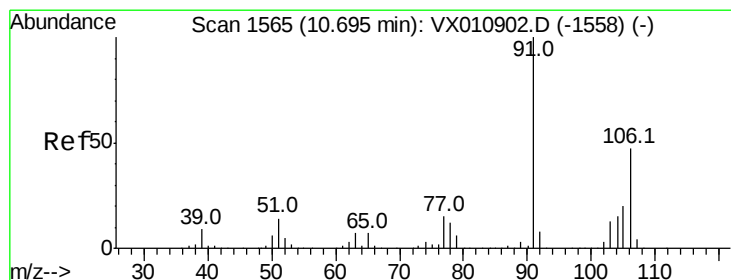
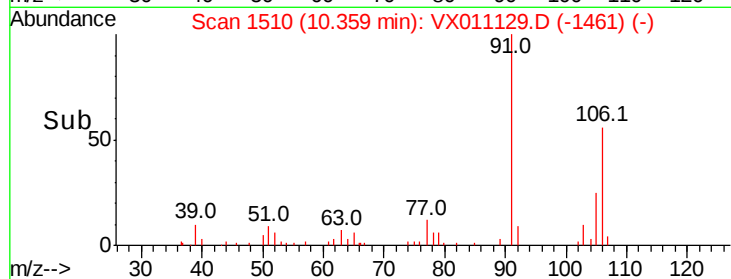
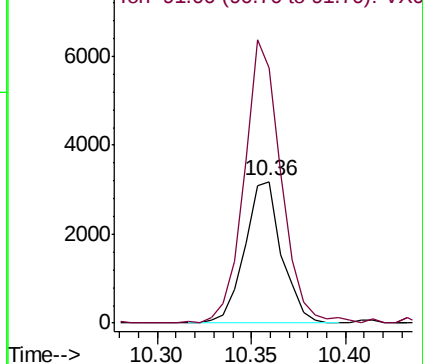
#68
m/p-Xylenes
Concen: 1.079 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011129.D
Acq: 27 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS

Tot Ion:106 Resp: 4316
Ion Ratio Lower Upper
106 100
91 199.5 160.1 240.1

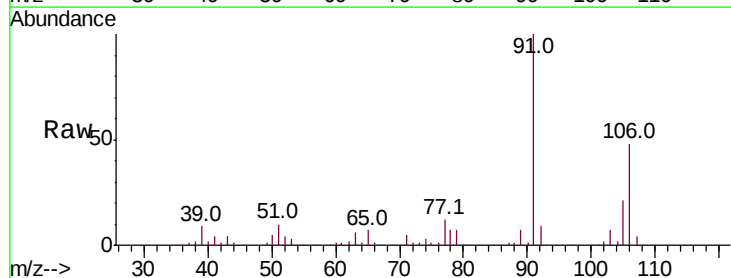


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

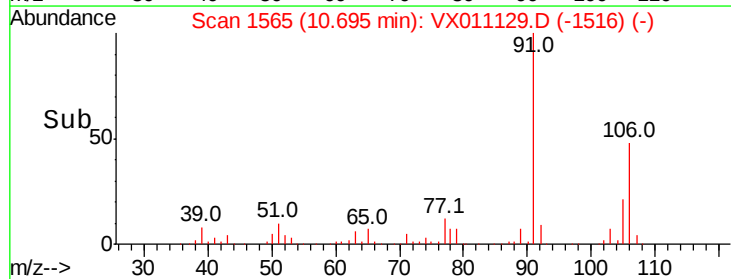
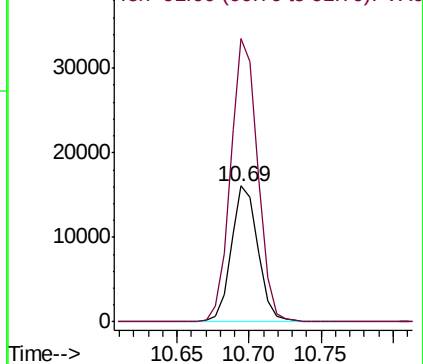


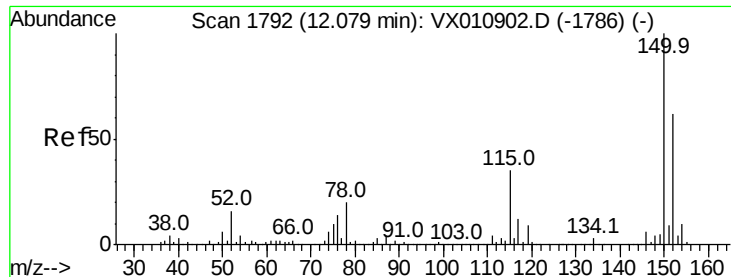
#69
o-Xylene
Concen: 5.391 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011129.D
Acq: 27 Jul 2019 07:23

Tgt Ion:106 Resp: 21039
Ion Ratio Lower Upper
106 100
91 210.5 105.1 315.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011129.D

Acq: 27 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

OILY-DEBRIS

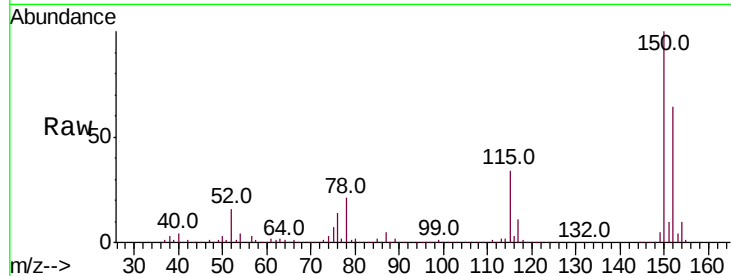
Tot Ion:152 Resp: 150230

Ion Ratio Lower Upper

152 100

115 55.4 39.7 119.1

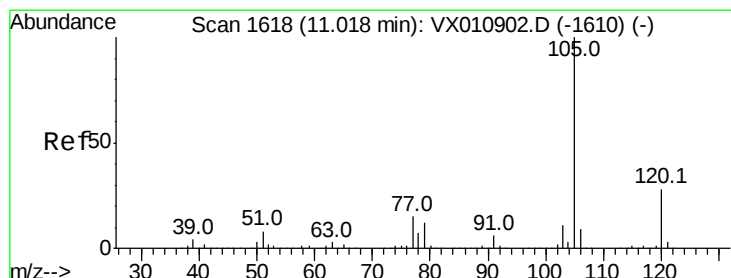
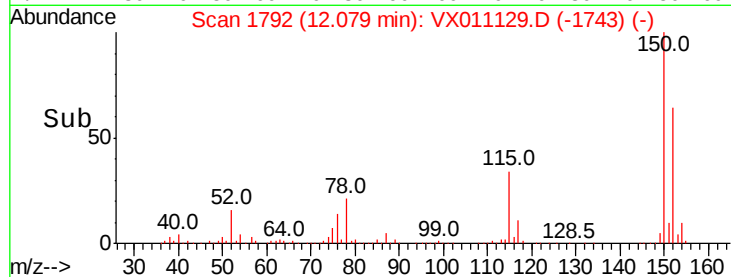
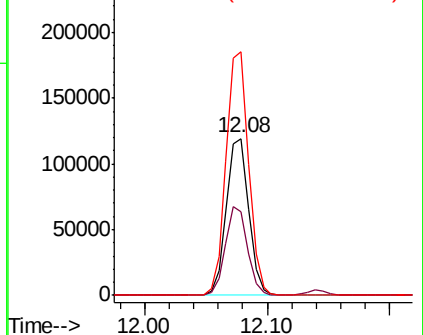
150 156.5 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.630 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011129.D

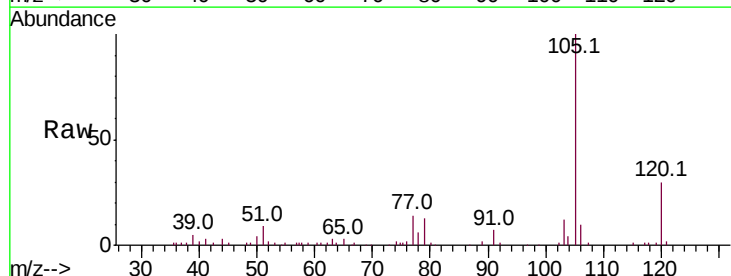
Acq: 27 Jul 2019 07:23

Tgt Ion:105 Resp: 16550

Ion Ratio Lower Upper

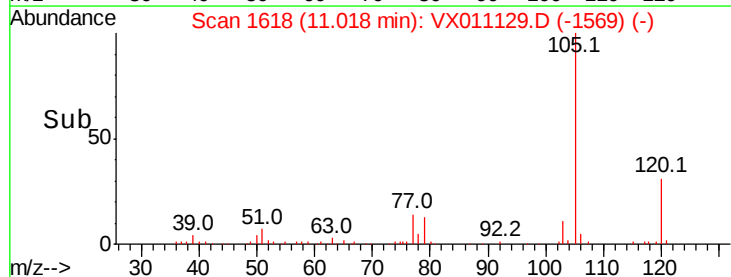
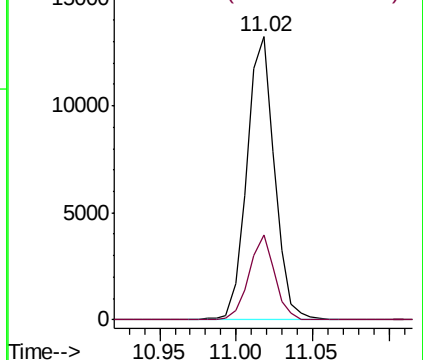
105 100

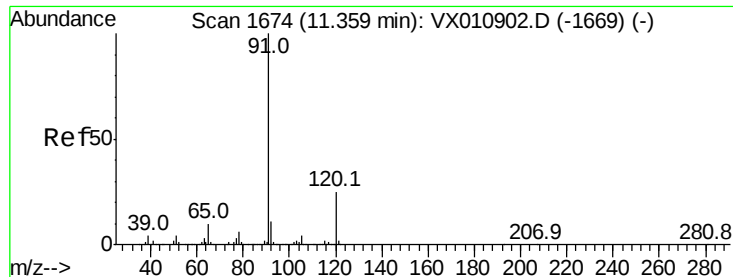
120 28.0 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 7.772 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011129.D

Acq: 27 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

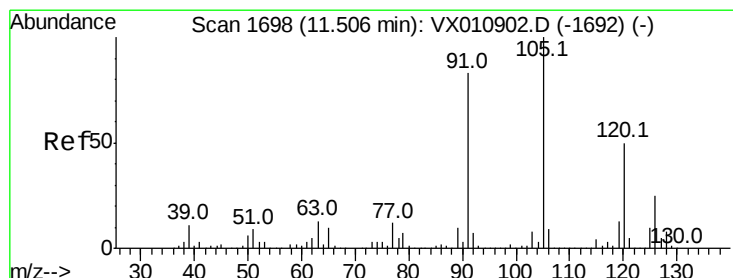
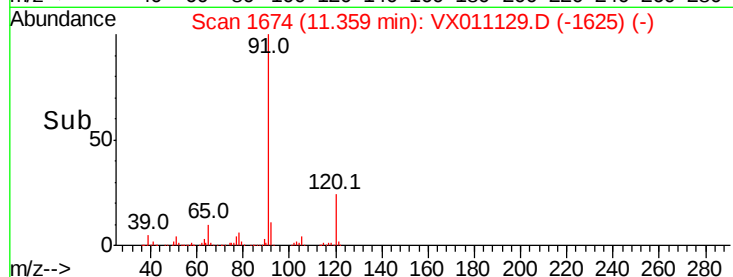
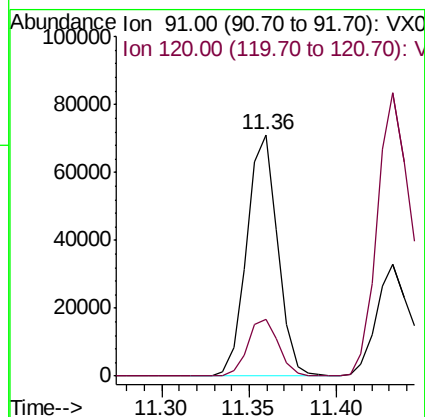
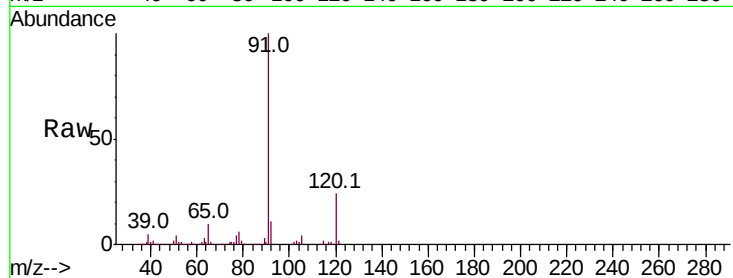
OILY-DEBRIS

Tot Ion: 91 Resp: 87168

Ion Ratio Lower Upper

91 100

120 23.7 12.3 36.8



#80

1,3,5-Trimethylbenzene

Concen: 13.706 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011129.D

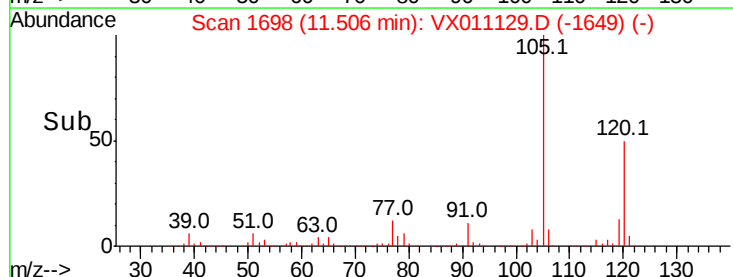
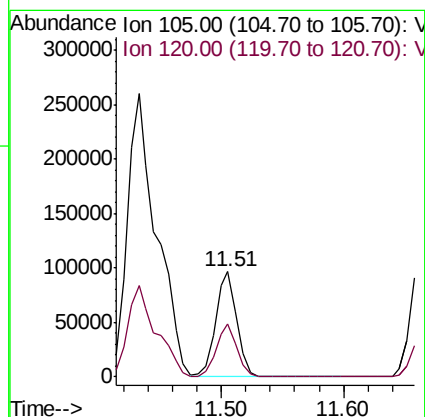
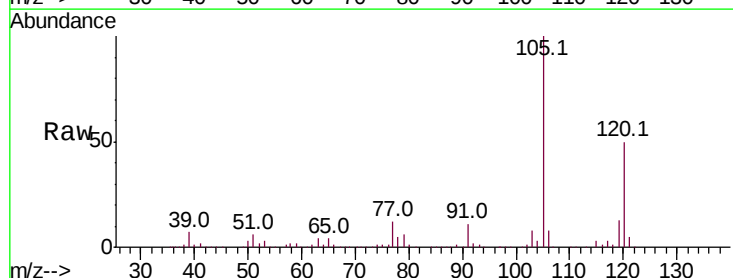
Acq: 27 Jul 2019 07:23

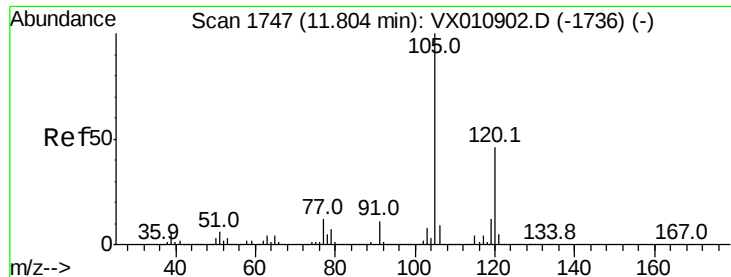
Tgt Ion: 105 Resp: 116261

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.8





#84

1,2,4-Trimethylbenzene

Concen: 56.296 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011129.D

Acq: 27 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

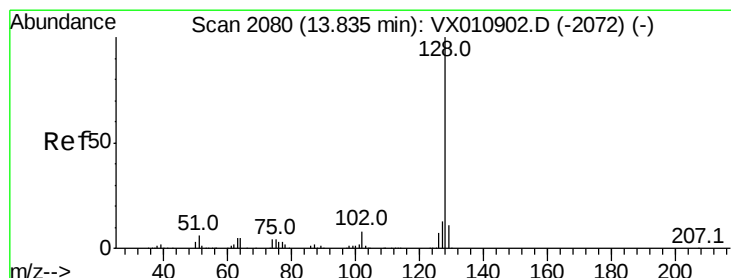
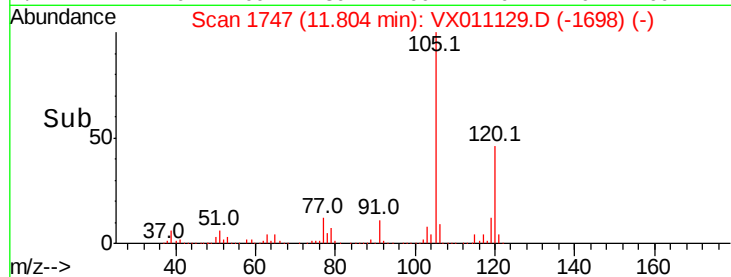
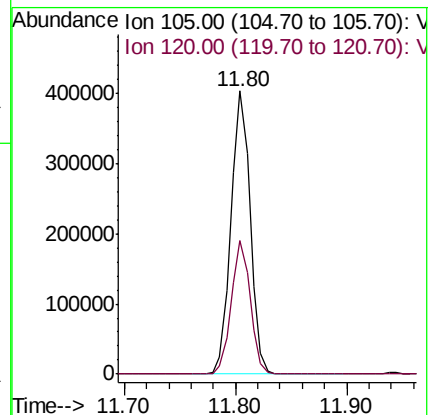
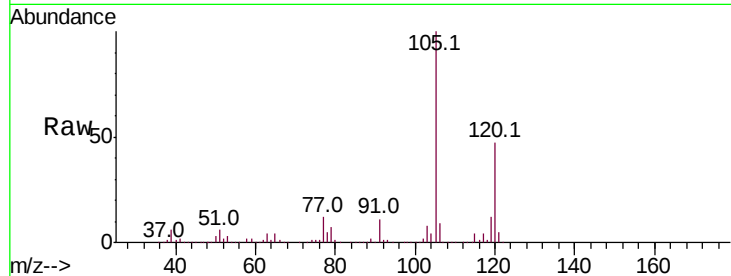
OILY-DEBRIS

Tot Ion:105 Resp: 481288

Ion Ratio Lower Upper

105 100

120 46.4 22.9 68.5



#95

Naphthalene

Concen: 13.219 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011129.D

Acq: 27 Jul 2019 07:23

Tgt Ion:128 Resp: 127401

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 8.9 13.3

