

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050318\
 Data File : VX001376.D
 Acq On : 03 May 2018 22:54
 Operator : JC/MD
 Sample : J2695-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-1-OILY-STONE

Quant Time: May 04 08:23:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	150019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	211945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	194969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102435	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	79861	38.46	ug/l	0.00
Spiked Amount			Recovery	=	76.92%	
35) Dibromofluoromethane	5.51	113	68021	37.25	ug/l	0.00
Spiked Amount			Recovery	=	74.50%	
50) Toluene-d8	8.73	98	248198	38.05	ug/l	0.00
Spiked Amount			Recovery	=	76.10%	
62) 4-Bromofluorobenzene	11.15	95	82902	31.78	ug/l	0.00
Spiked Amount			Recovery	=	63.56%	

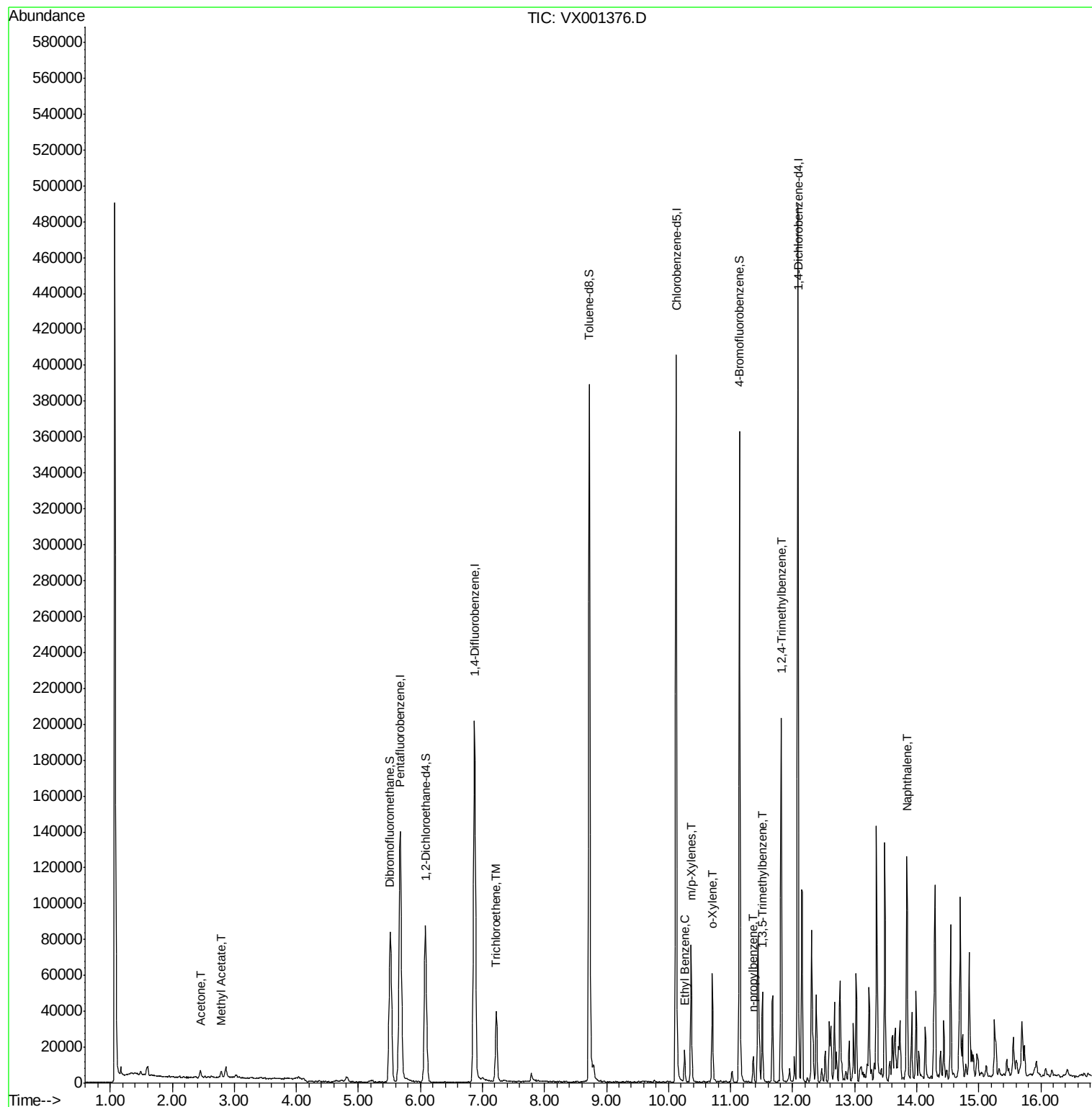
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	4350	4.91	ug/l	# 82
18) Methyl Acetate	2.79	43	4294	2.05	ug/l	100
44) Trichloroethene	7.22	130	15410	7.15	ug/l	94
67) Ethyl Benzene	10.26	91	9902	1.13	ug/l	99
68) m/p-Xylenes	10.37	106	18473	5.37	ug/l	99
69) o-Xylene	10.71	106	13850	4.15	ug/l	96
78) n-propylbenzene	11.37	91	8229	1.08	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	21137	3.67	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	88949	15.08	ug/l	98
95) Naphthalene	13.84	128	76335	10.18	ug/l	99

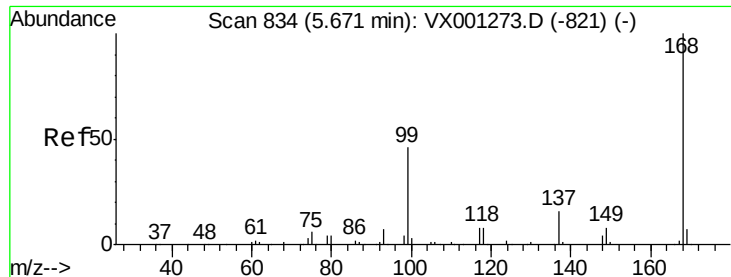
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX001376.D

Acq: 03 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

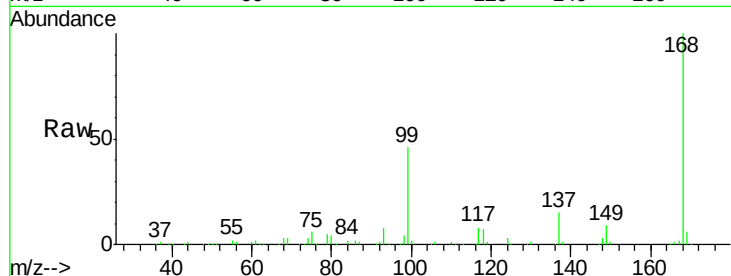
CS-1-OILY-STONE

Tot Ion:168 Resp: 150019

Ion Ratio Lower Upper

168 100

99 45.7 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

60000

50000

40000

30000

20000

10000

0

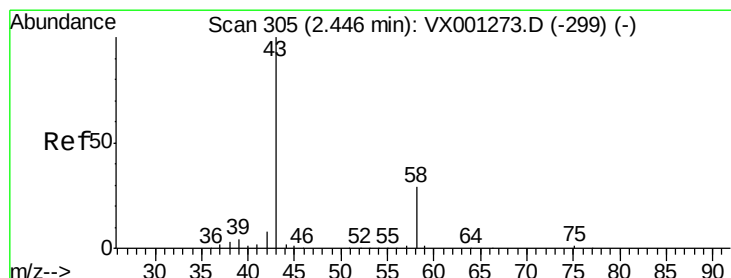
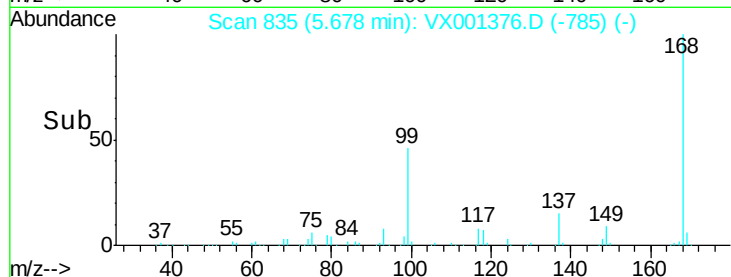
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 4.91 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001376.D

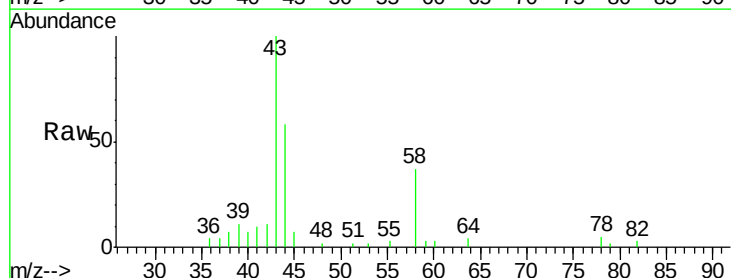
Acq: 03 May 2018 22:54

Tgt Ion: 43 Resp: 4350

Ion Ratio Lower Upper

43 100

58 38.2 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

2500

2000

1500

1000

500

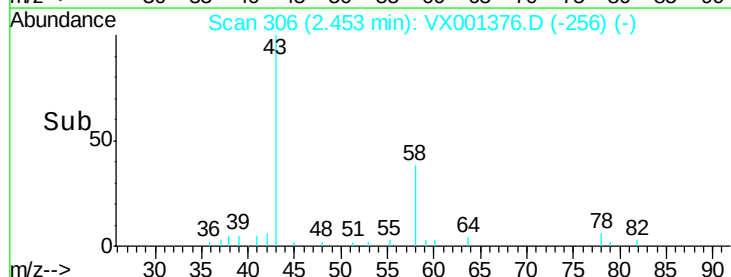
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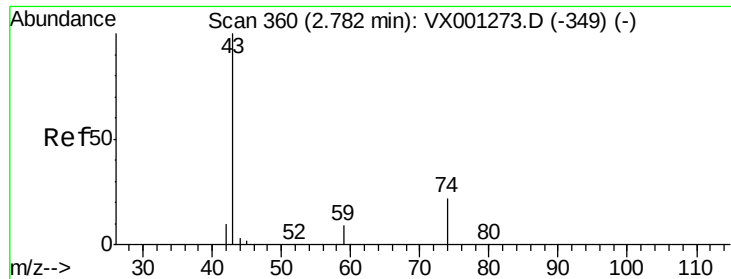
Time-->

2.40

2.45

2.50

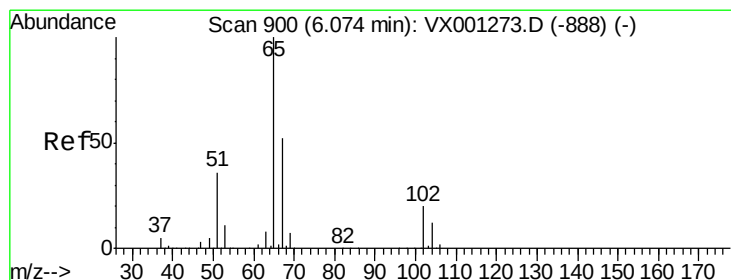
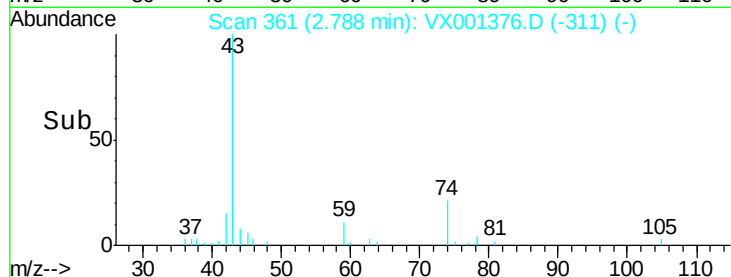
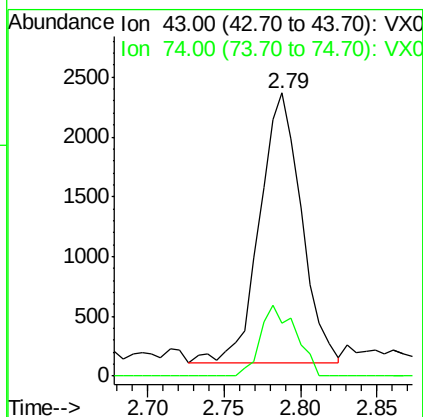
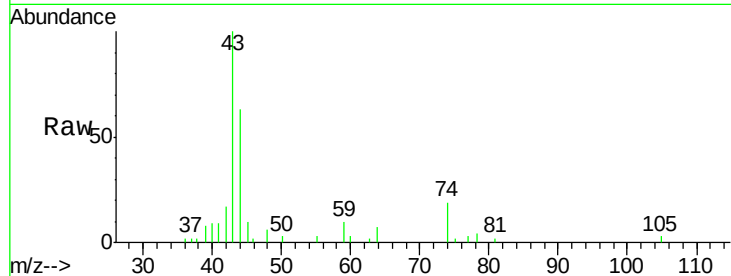




#18
Methyl Acetate
Concen: 2.05 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001376.D
Acq: 03 May 2018 22:54

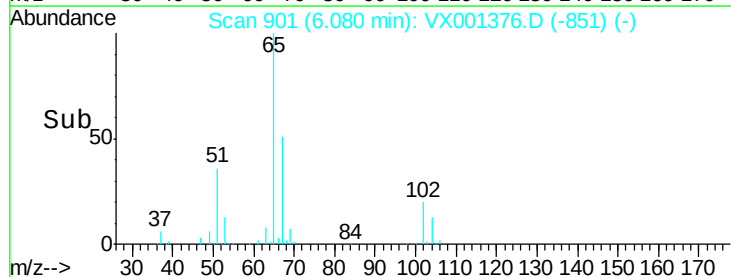
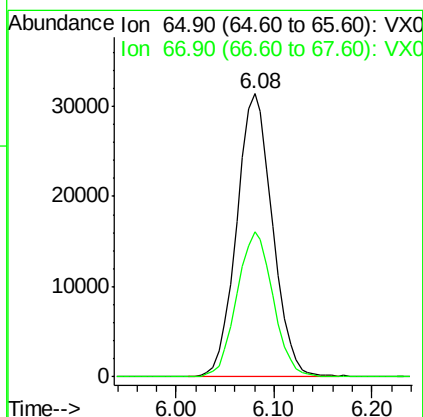
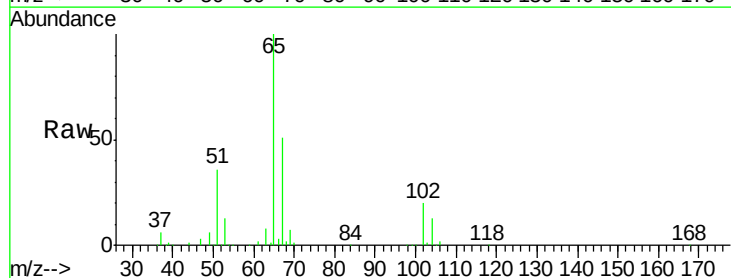
Instrument :
MSVOA_X
ClientSampleId :
CS-1-OILY-STONE

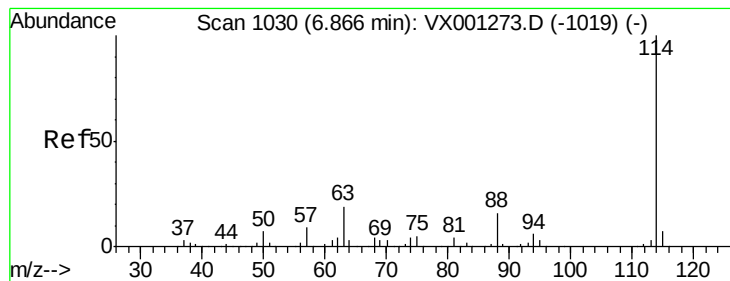
Tot Ion: 43 Resp: 4294
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.6



#33
1,2-Dichloroethane-d4
Concen: 38.46 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001376.D
Acq: 03 May 2018 22:54

Tgt Ion: 65 Resp: 79861
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001376.D

Acq: 03 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

CS-1-OILY-STONE

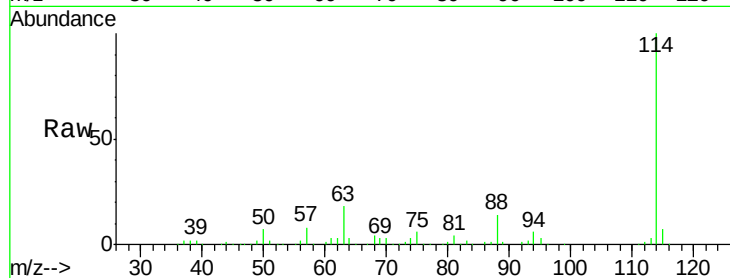
Tot Ion:114 Resp: 211945

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.8

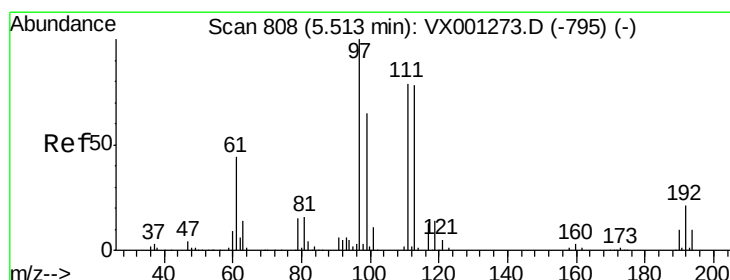
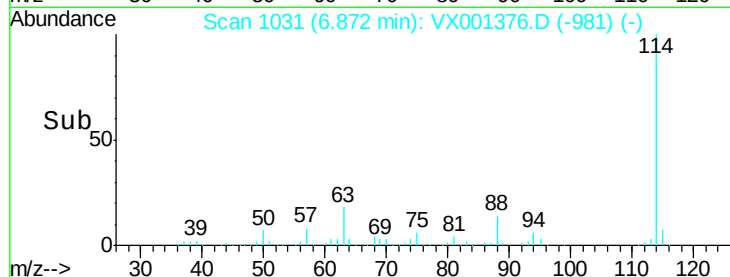
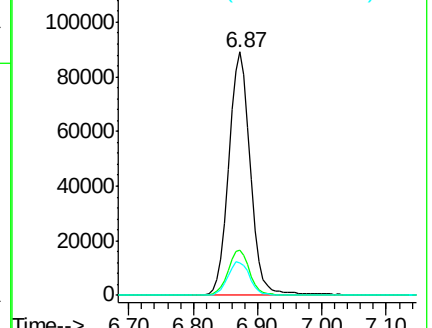
88 13.5 0.0 32.2



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: 37.25 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001376.D

Acq: 03 May 2018 22:54

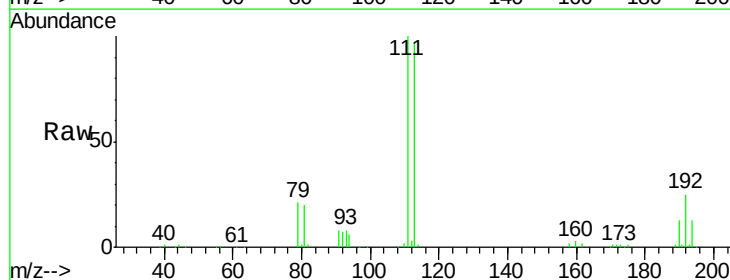
Tgt Ion:113 Resp: 68021

Ion Ratio Lower Upper

113 100

111 100.7 81.2 121.8

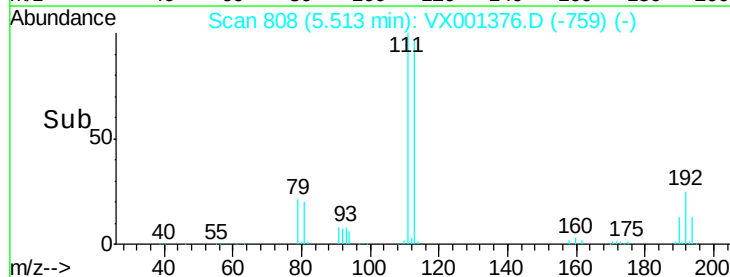
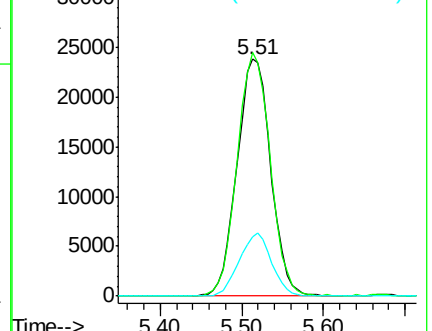
192 25.5 20.7 31.1

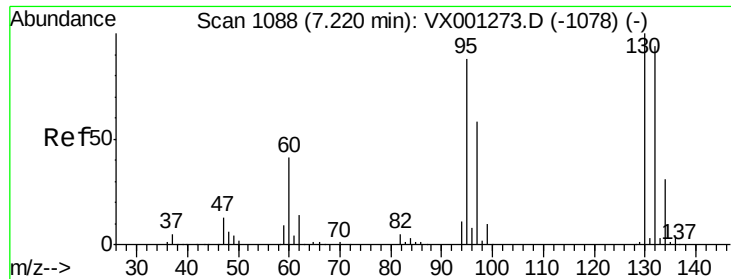


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 7.15 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001376.D

Acq: 03 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

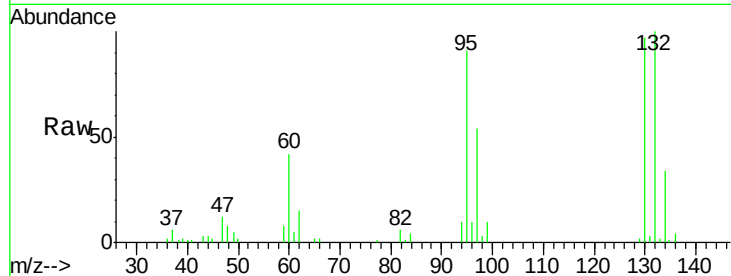
CS-1-OILY-STONE

Tot Ion:130 Resp: 15410

Ion Ratio Lower Upper

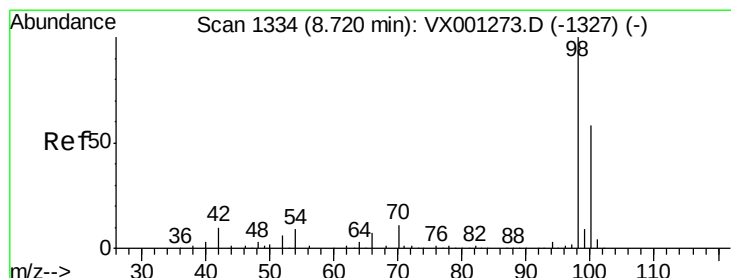
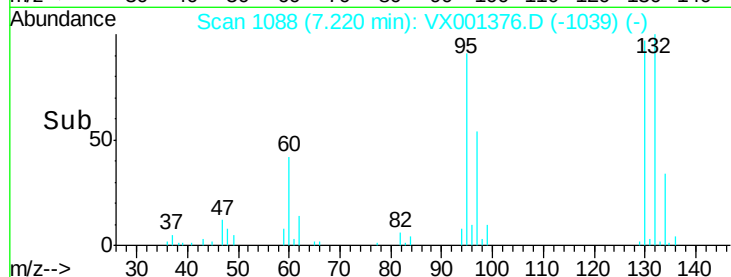
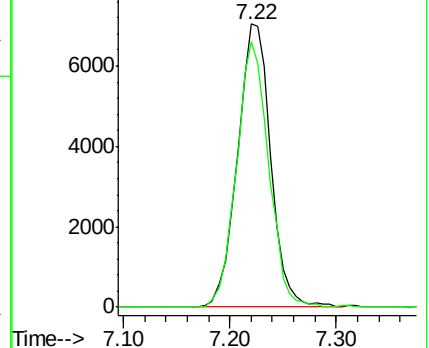
130 100

95 93.6 0.0 176.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 38.05 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX001376.D

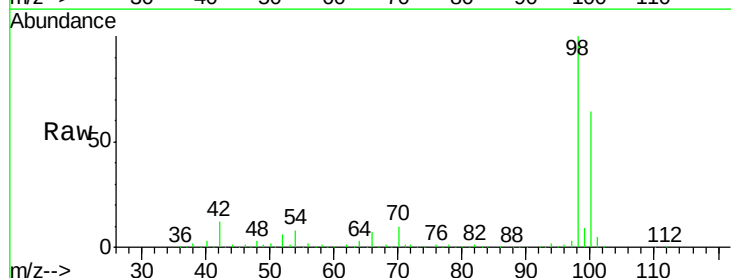
Acq: 03 May 2018 22:54

Tgt Ion: 98 Resp: 248198

Ion Ratio Lower Upper

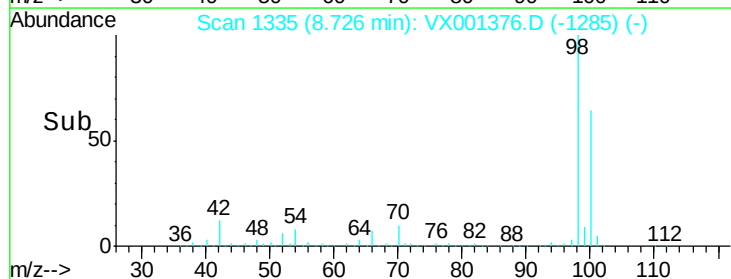
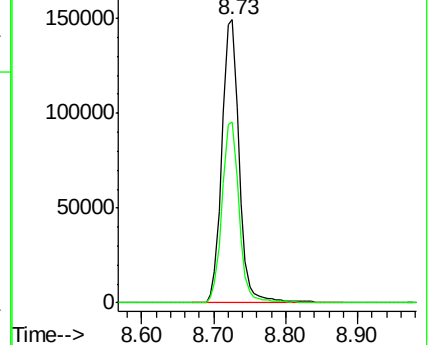
98 100

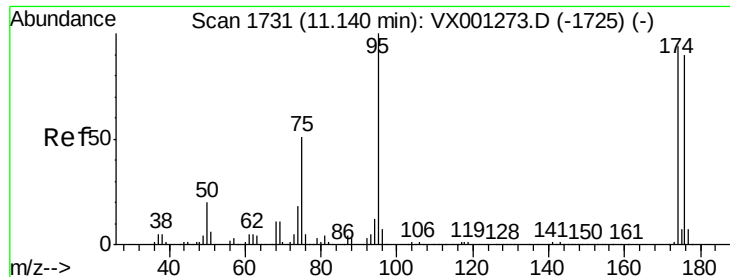
100 63.8 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

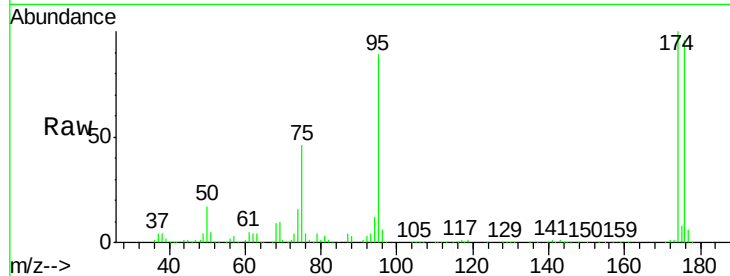




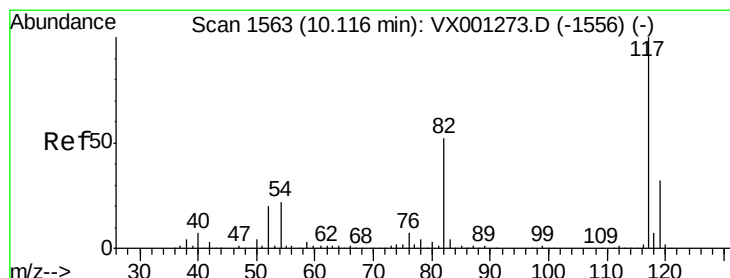
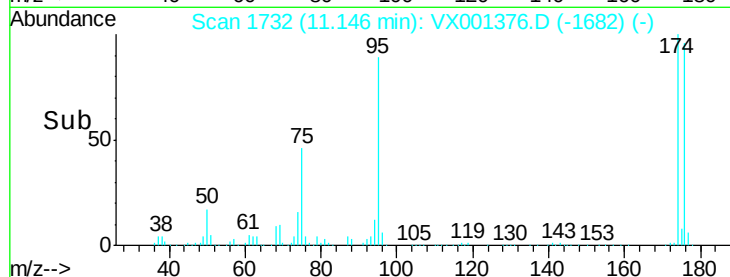
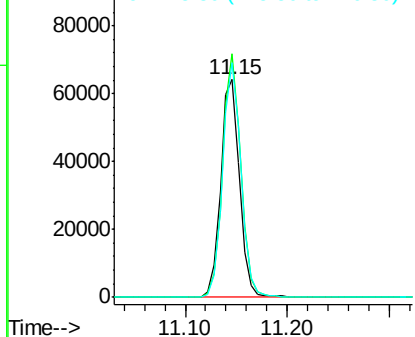
#62
4-Bromofluorobenzene
Concen: 31.78 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001376.D
Acq: 03 May 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
CS-1-OILY-STONE

Tot Ion: 95 Resp: 82902
Ion Ratio Lower Upper
95 100
174 107.7 0.0 201.8
176 104.5 0.0 197.2

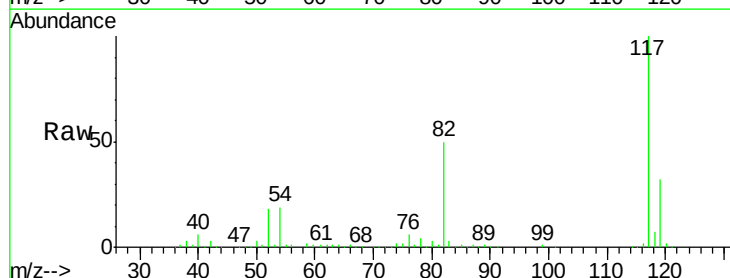


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

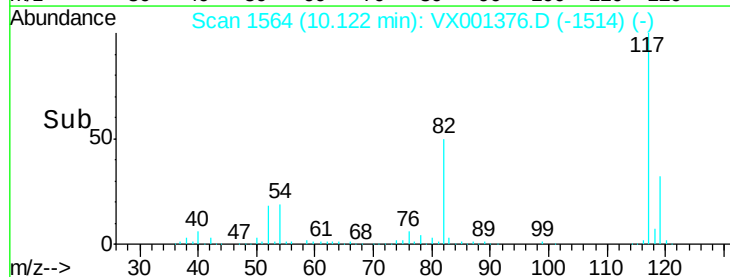
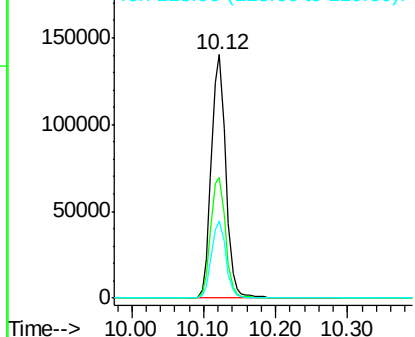


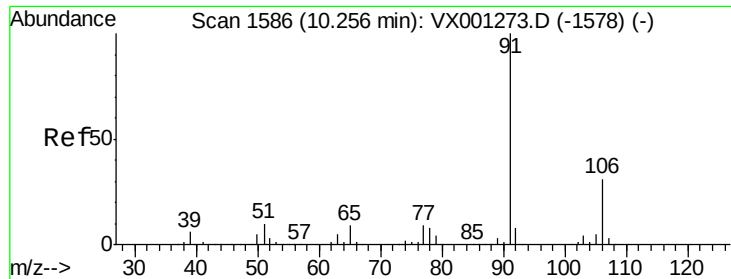
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001376.D
Acq: 03 May 2018 22:54

Tgt Ion: 117 Resp: 194969
Ion Ratio Lower Upper
117 100
82 49.7 41.4 62.0
119 31.6 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

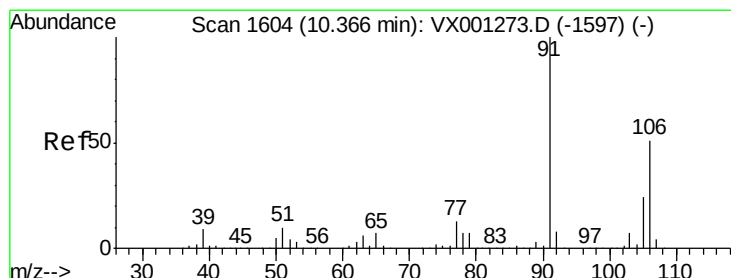
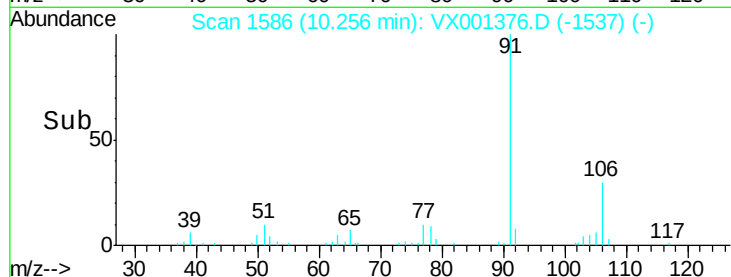
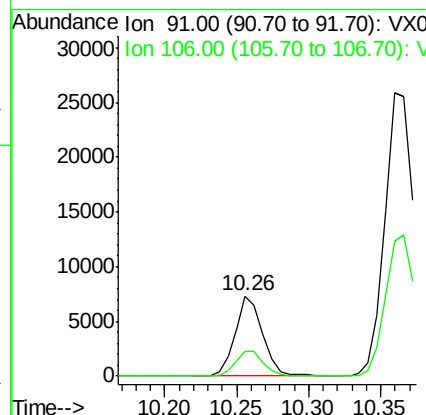
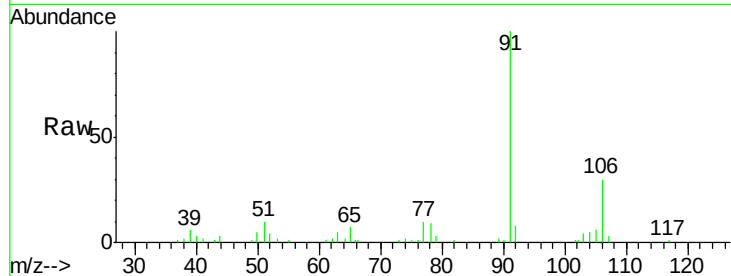




#67
Ethyl Benzene
Concen: 1.13 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001376.D
Acq: 03 May 2018 22:54

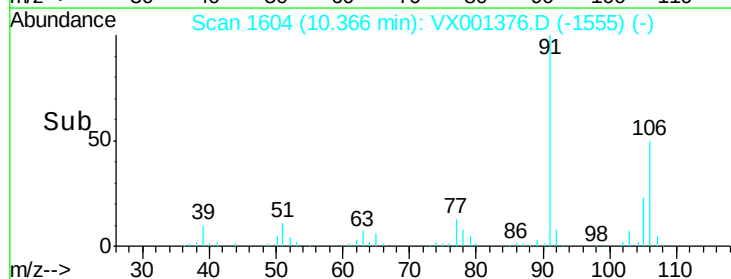
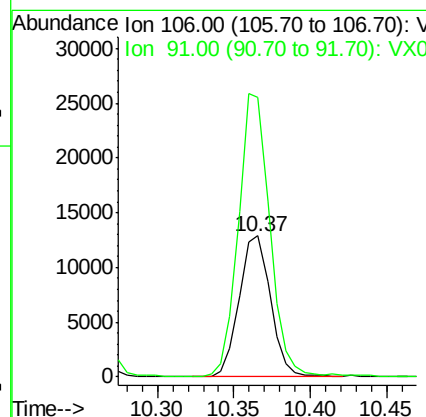
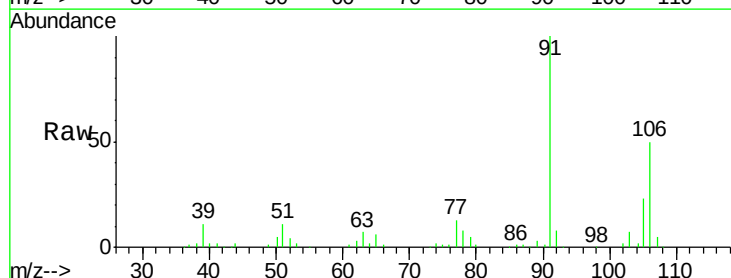
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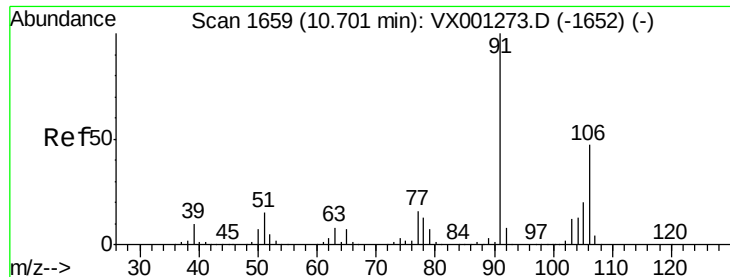
Tot Ion: 91 Resp: 9902
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3



#68
m/p-Xylenes
Concen: 5.37 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001376.D
Acq: 03 May 2018 22:54

Tgt Ion: 106 Resp: 18473
Ion Ratio Lower Upper
106 100
91 200.8 159.4 239.2

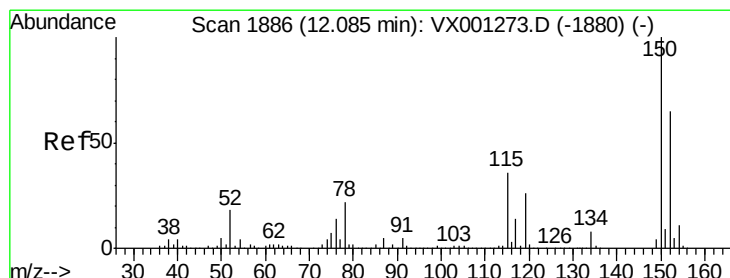
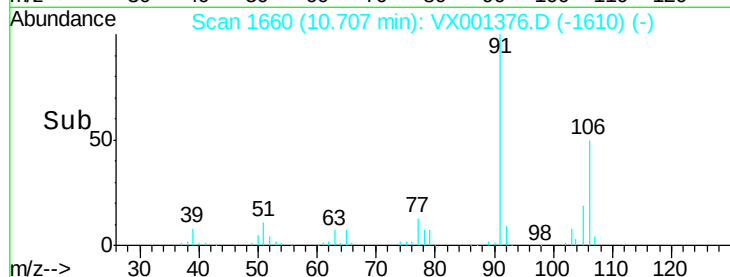
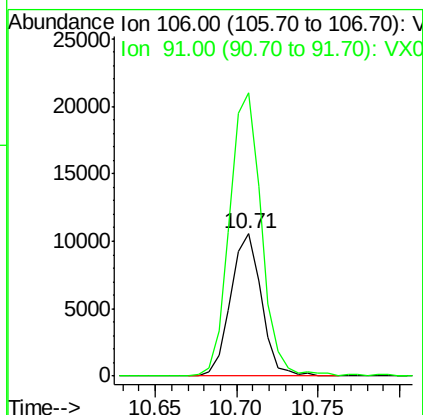
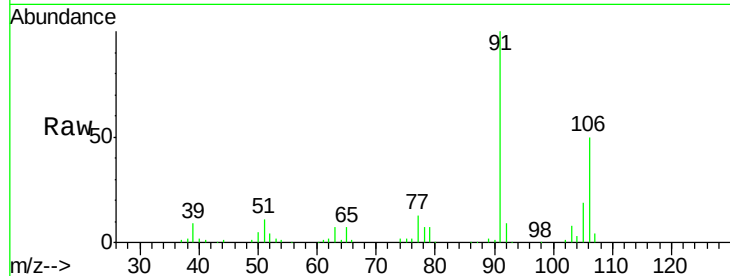




#69
o-Xylene
Concen: 4.15 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001376.D
Acq: 03 May 2018 22:54

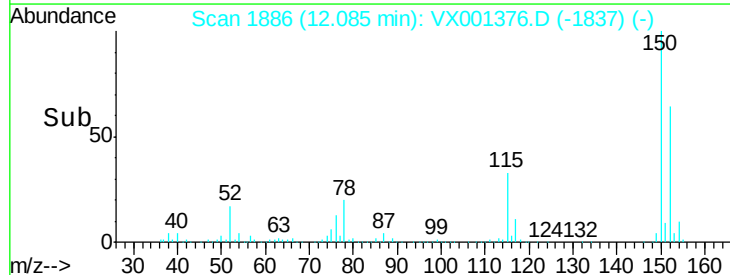
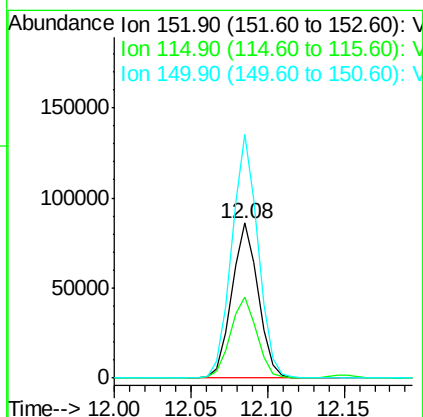
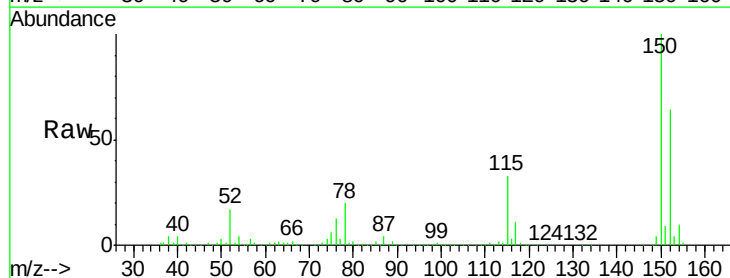
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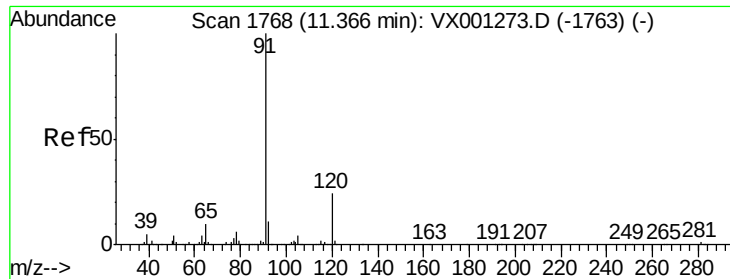
Tot Ion:106 Resp: 13850
Ion Ratio Lower Upper
106 100
91 207.1 106.3 319.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001376.D
Acq: 03 May 2018 22:54

Tgt Ion:152 Resp: 102435
Ion Ratio Lower Upper
152 100
115 52.2 38.6 115.7
150 156.1 0.0 349.2





#78

n-propylbenzene

Concen: 1.08 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001376.D

Acq: 03 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

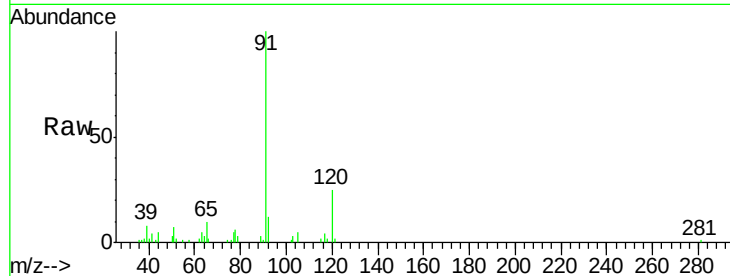
CS-1-OILY-STONE

Tot Ion: 91 Resp: 8229

Ion Ratio Lower Upper

91 100

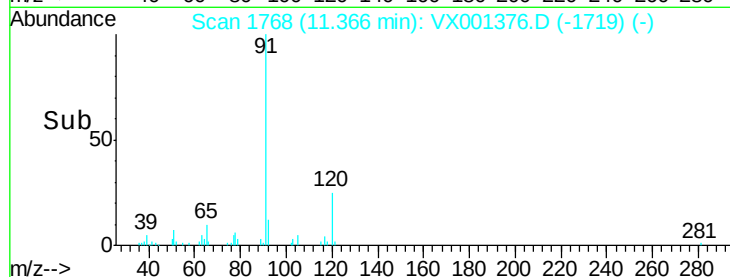
120 25.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX001376.D (-1763) (-)

Ion 120.00 (119.70 to 120.70): VX001376.D (-1763) (-)

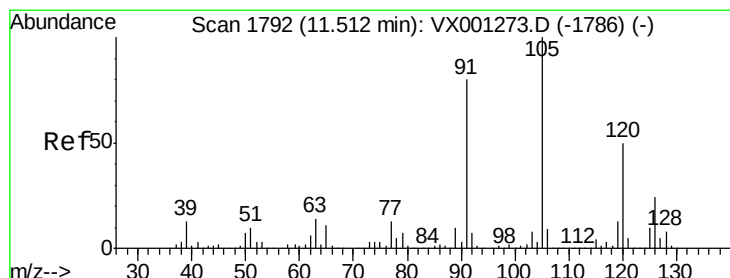
Time-->



Abundance Ion 91.00 (90.70 to 91.70): VX001376.D (-1763) (-)

Ion 120.00 (119.70 to 120.70): VX001376.D (-1763) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 3.67 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001376.D

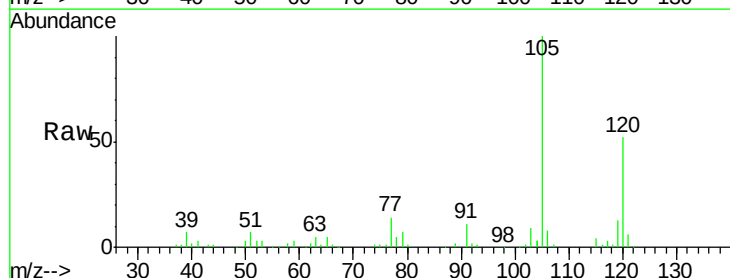
Acq: 03 May 2018 22:54

Tgt Ion: 105 Resp: 21137

Ion Ratio Lower Upper

105 100

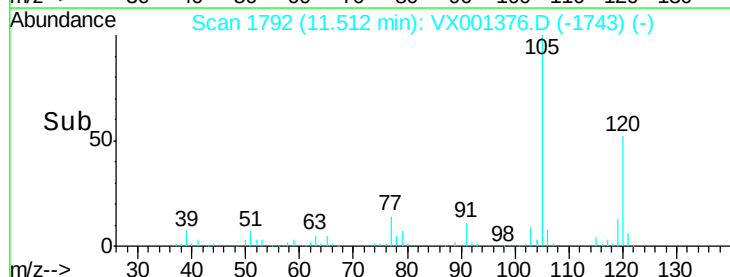
120 49.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX001376.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001376.D (-1786) (-)

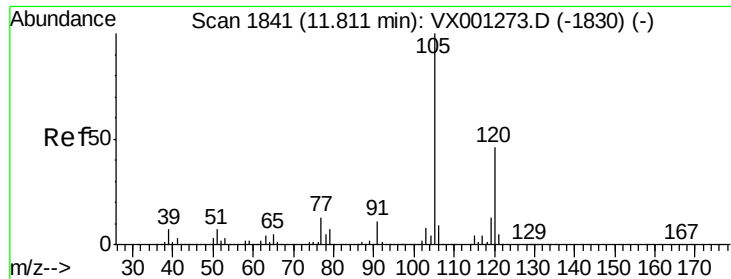
Time-->



Abundance Ion 105.00 (104.70 to 105.70): VX001376.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001376.D (-1786) (-)

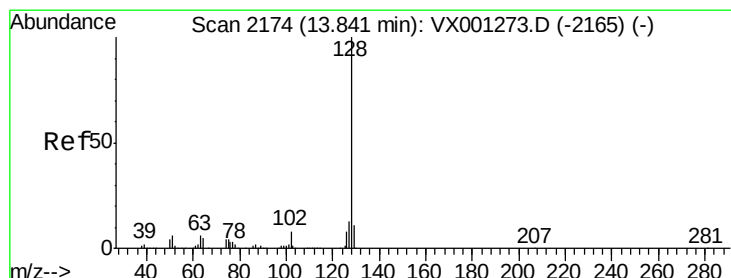
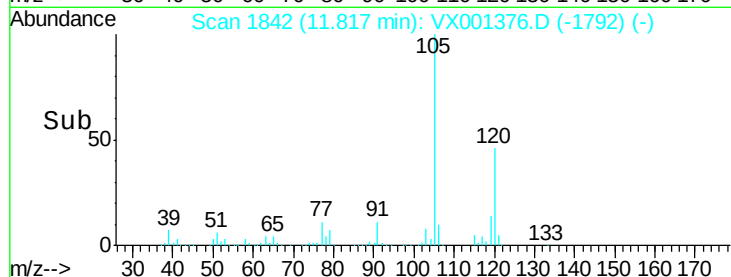
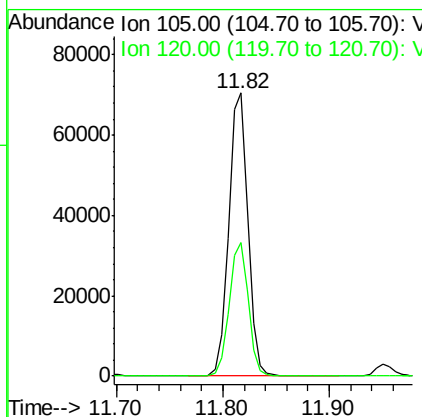
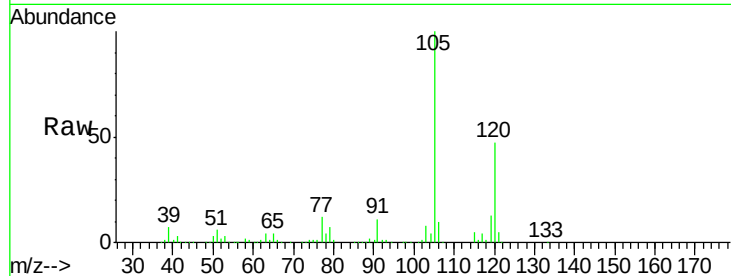
Time-->



#84
 1,2,4-Trimethylbenzene
 Concen: 15.08 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX001376.D
 Acq: 03 May 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-1-OILY-STONE

Tot Ion:105 Resp: 88949
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.7 68.1



#95
 Naphthalene
 Concen: 10.18 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX001376.D
 Acq: 03 May 2018 22:54

Tgt Ion:128 Resp: 76335
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.5 15.7
 129 11.4 8.7 13.1

