

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002364.D
 Acq On : 16 Apr 2020 14:10
 Operator : SY/MD
 Sample : L2279-02
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OILY-STONE-POTHEAD

Quant Time: Apr 17 07:50:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

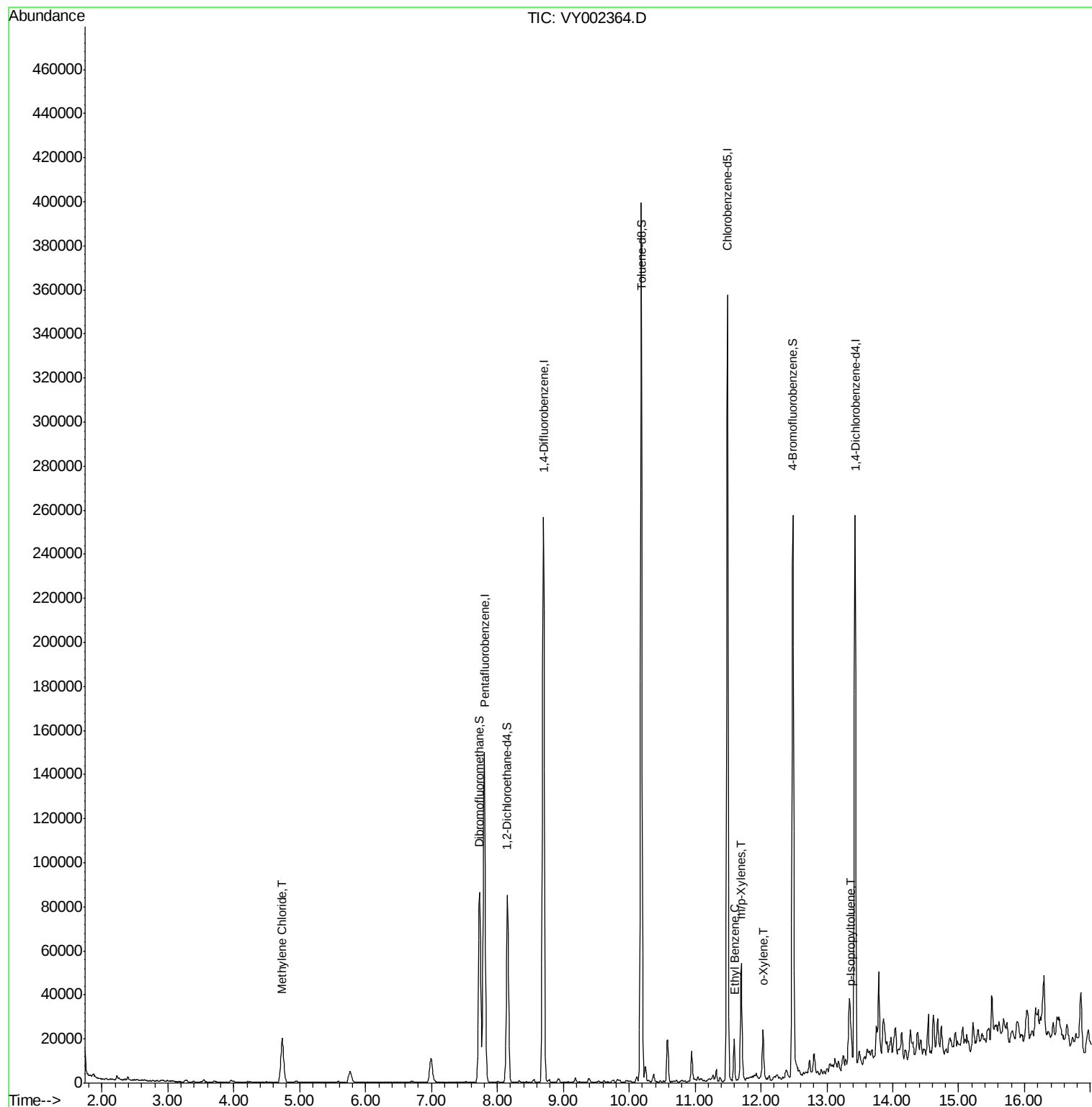
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	115324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	224465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	198433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	63473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	60401	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
35) Dibromofluoromethane	7.73	113	65117	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	10.18	98	267021	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.49	95	82597	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
Target Compounds						
20) Methylene Chloride	4.74	84	15540	9.360	ug/l	97
67) Ethyl Benzene	11.59	91	13219	1.751	ug/l	100
68) m/p-Xylenes	11.70	106	16175	5.719	ug/l	98
69) o-Xylene	12.03	106	6033	2.272	ug/l	100
86) p-Isopropyltoluene	13.38	119	6498	1.467	ug/l	98

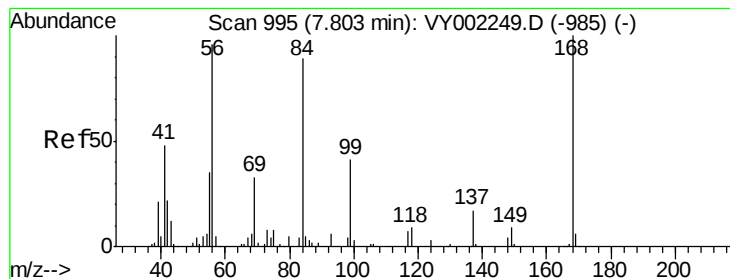
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002364.D

Acq: 16 Apr 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

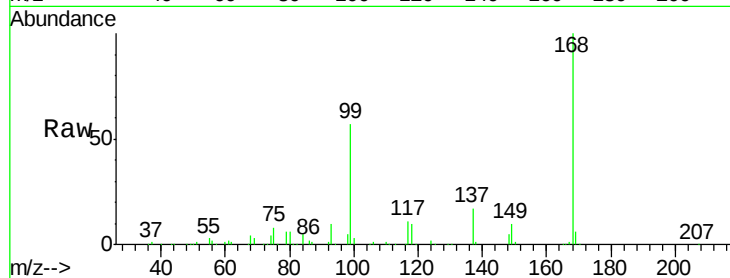
OILY-STONE-POTHEAD

Tot Ion:168 Resp: 115324

Ion Ratio Lower Upper

168 100

99 57.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

60000

50000

40000

30000

20000

10000

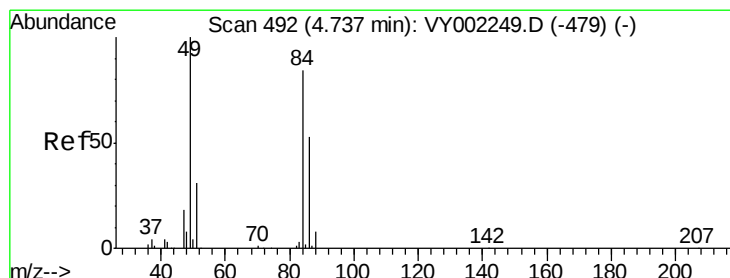
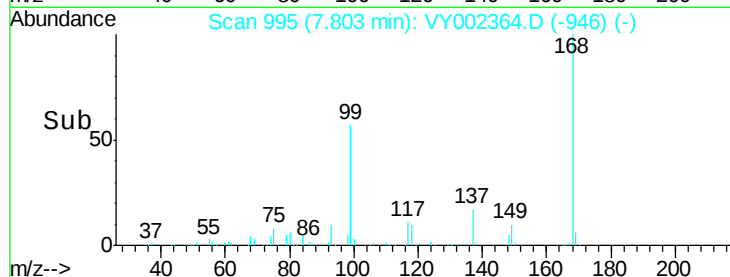
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Time-->

7.70

7.80

7.90



#20

Methylene Chloride

Concen: 9.360 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.00 min

Lab File: VY002364.D

Acq: 16 Apr 2020 14:10

Tgt Ion: 84 Resp: 15540

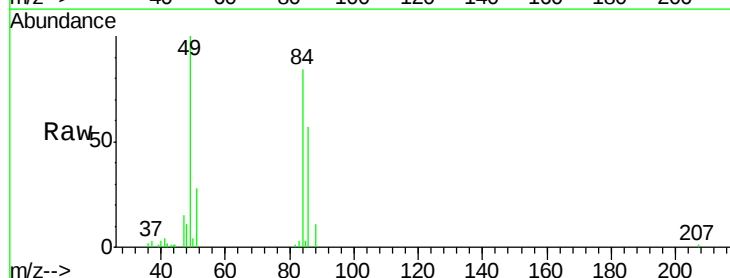
Ion Ratio Lower Upper

84 100

49 118.5 95.5 143.3

51 33.1 29.5 44.3

86 67.7 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VY002249.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002249.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002249.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002249.D (-479) (-)

8000

6000

4000

2000

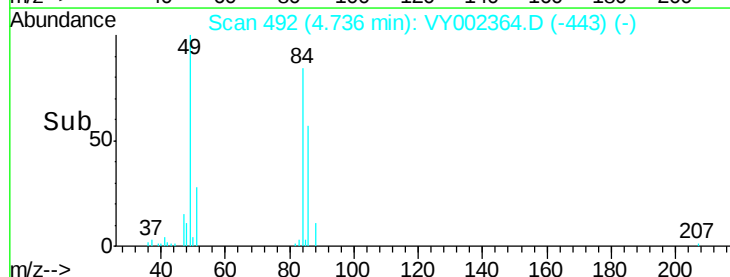
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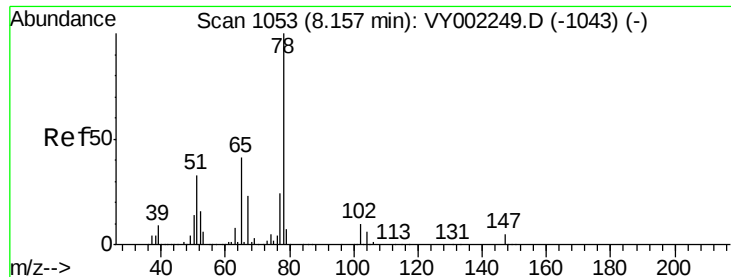
Time-->

4.60

4.70

4.80

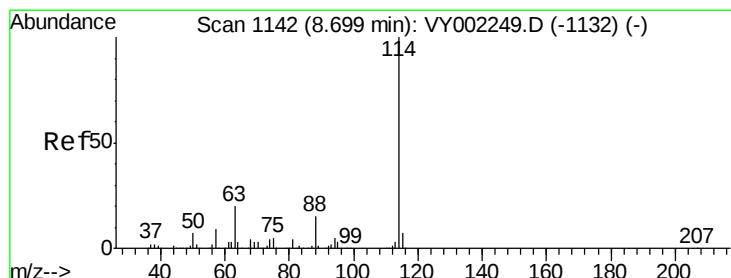
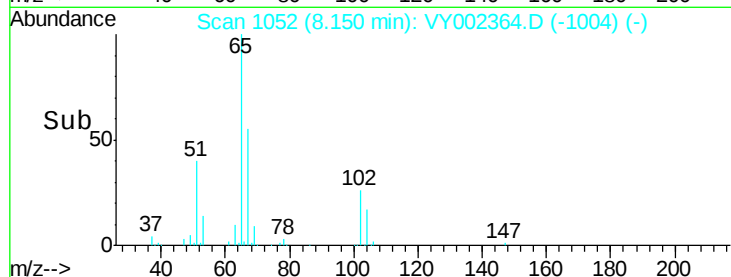
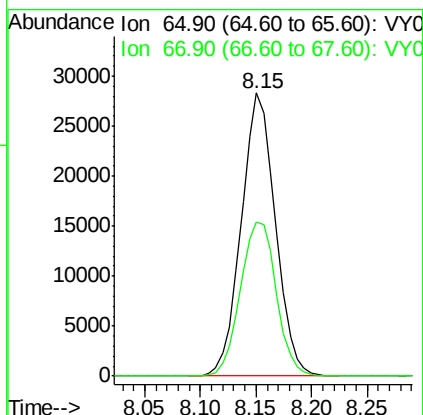
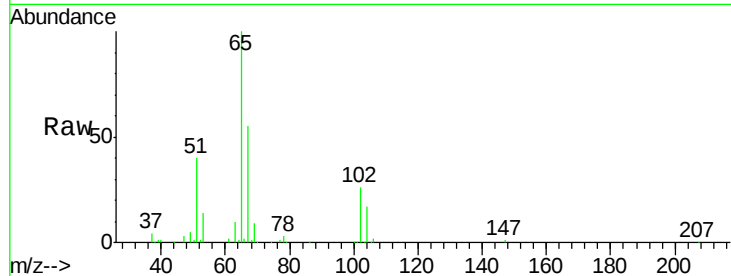




#33
 1,2-Dichloroethane-d4
 Concen: 47.097 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002364.D
 Acq: 16 Apr 2020 14:10

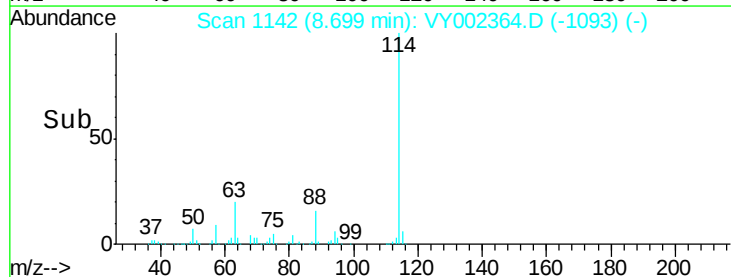
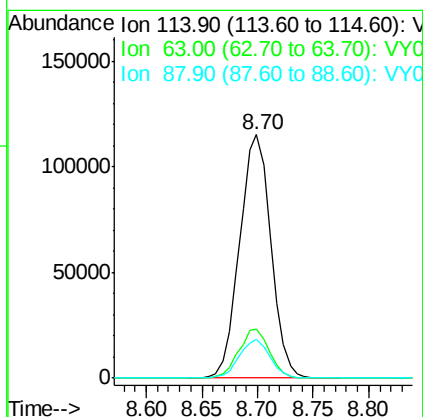
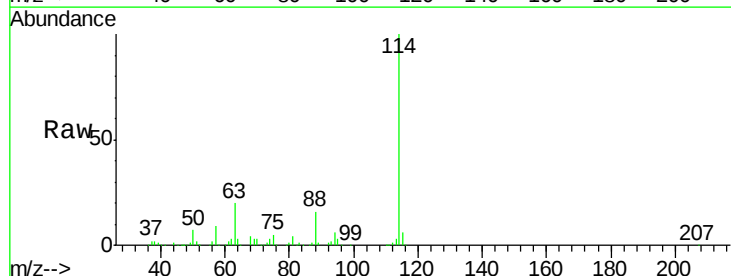
Instrument :
 MSVOA_Y
 ClientSampleId :
 OILY-STONE-POTHEAD

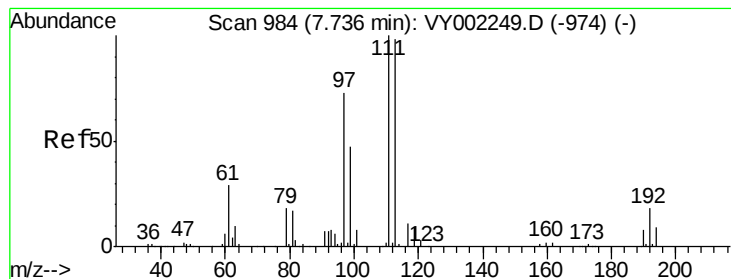
Tot Ion: 65 Resp: 60401
 Ion Ratio Lower Upper
 65 100
 67 57.3 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY002364.D
 Acq: 16 Apr 2020 14:10

Tgt Ion: 114 Resp: 224465
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.753 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002364.D

Acq: 16 Apr 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

OILY-STONE-POTHEAD

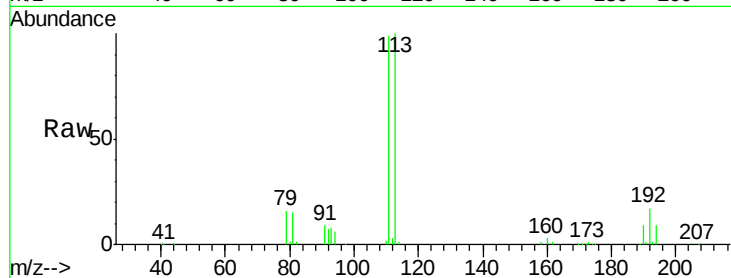
Tot Ion:113 Resp: 65117

Ion Ratio Lower Upper

113 100

111 102.8 83.5 125.3

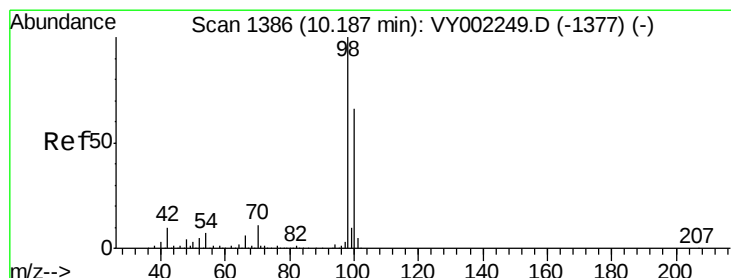
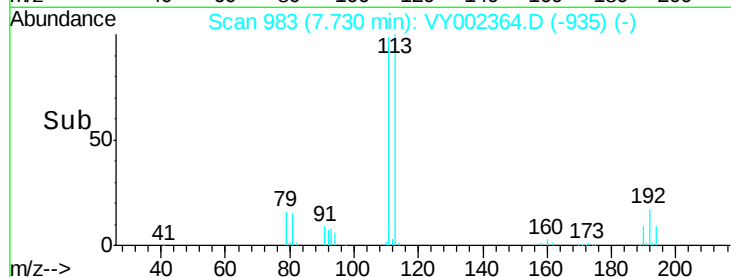
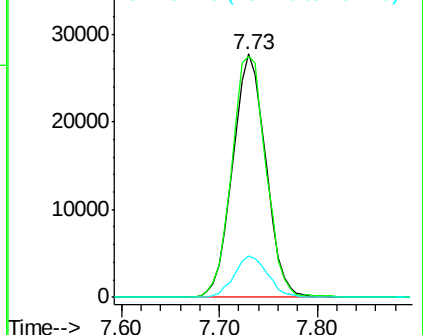
192 17.3 14.7 22.1



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



#50

Toluene-d8

Concen: 47.764 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002364.D

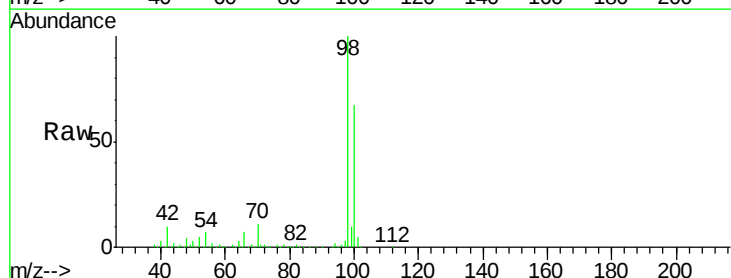
Acq: 16 Apr 2020 14:10

Tgt Ion: 98 Resp: 267021

Ion Ratio Lower Upper

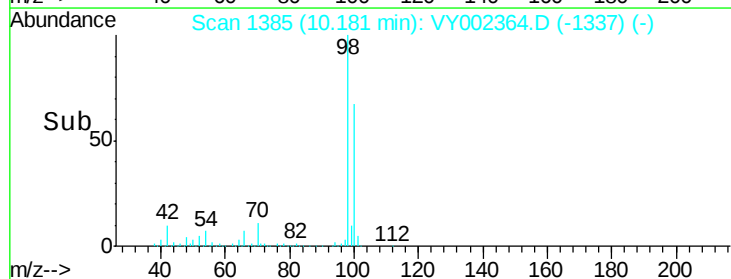
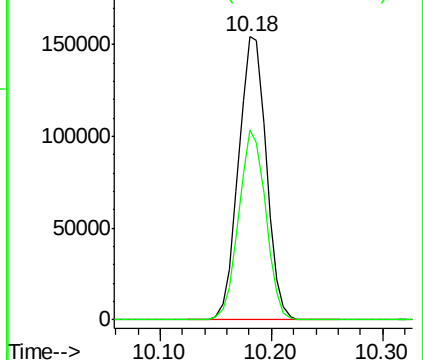
98 100

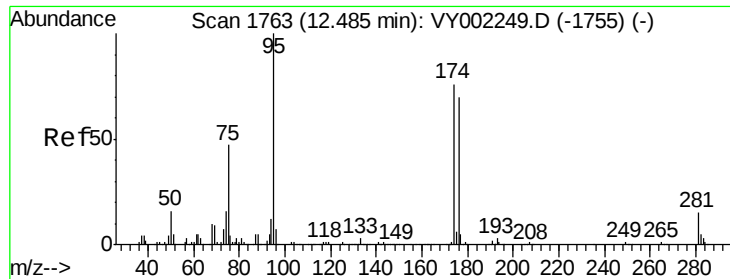
100 65.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

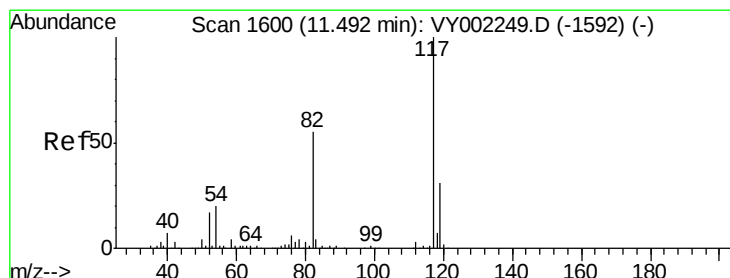
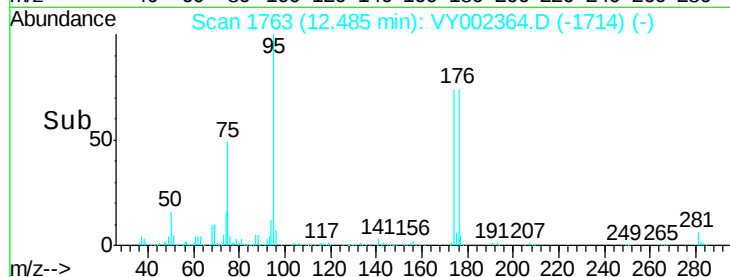
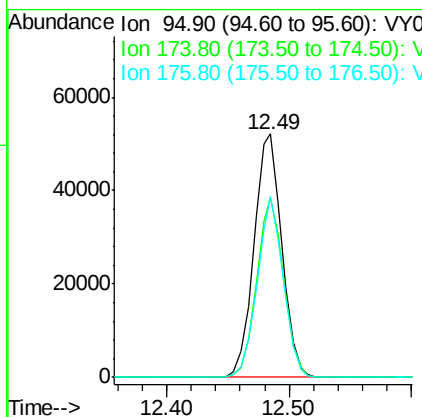
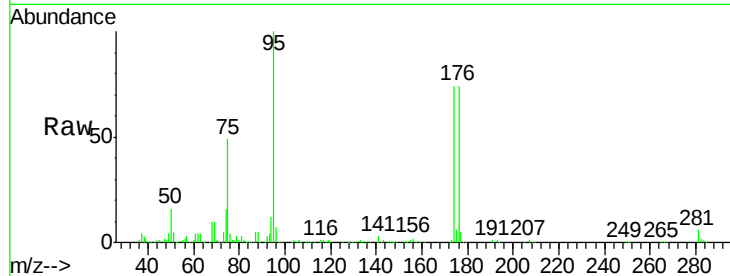




#62
4-Bromofluorobenzene
Concen: 44.783 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002364.D
Acq: 16 Apr 2020 14:10

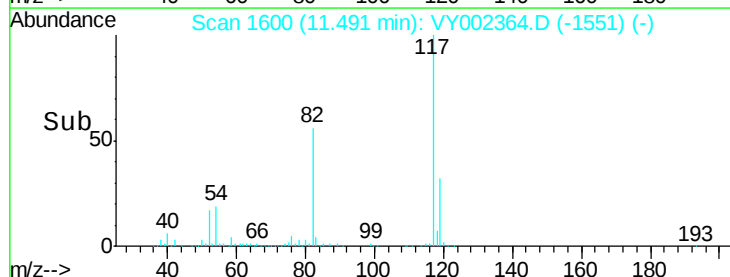
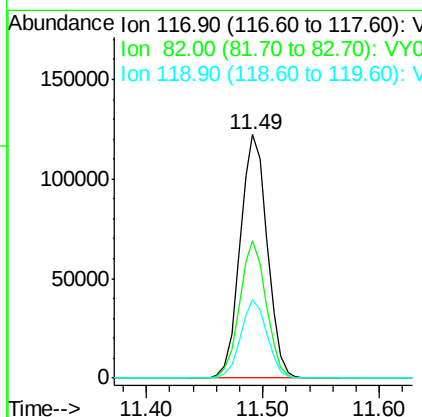
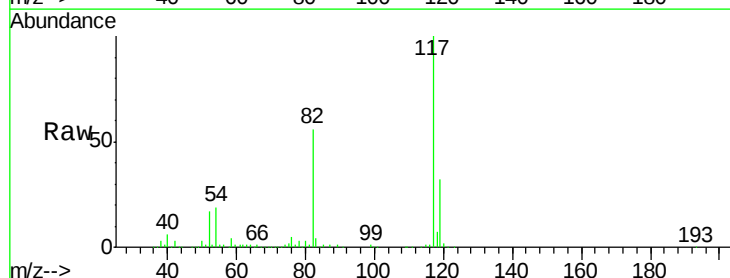
Instrument :
MSVOA_Y
ClientSampleId :
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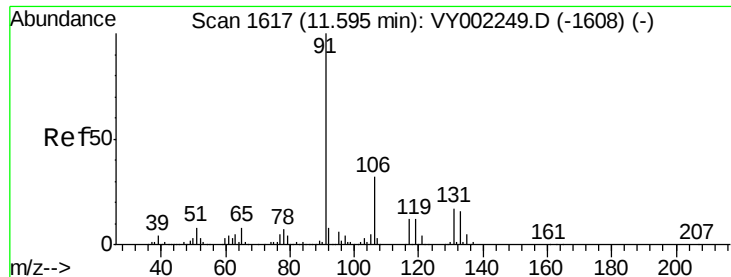
Tot Ion: 95 Resp: 82597
Ion Ratio Lower Upper
95 100
174 71.4 0.0 150.6
176 69.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002364.D
Acq: 16 Apr 2020 14:10

Tgt Ion: 117 Resp: 198433
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.4
119 32.3 25.1 37.7

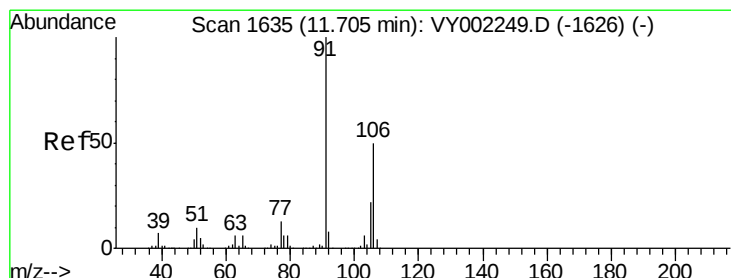
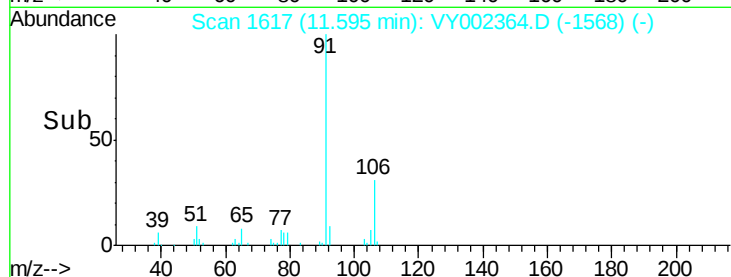
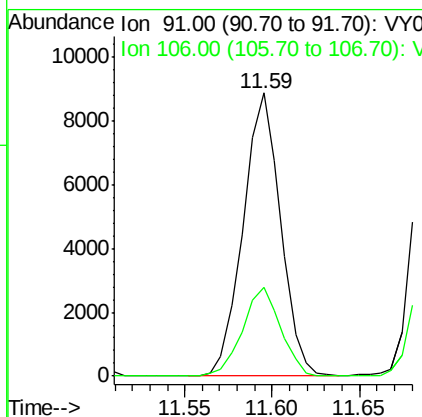
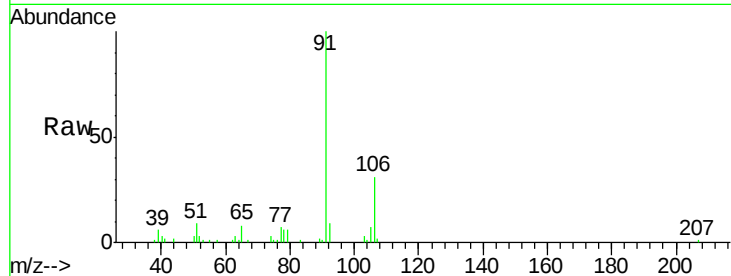




#67
Ethyl Benzene
Concen: 1.751 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002364.D
Acq: 16 Apr 2020 14:10

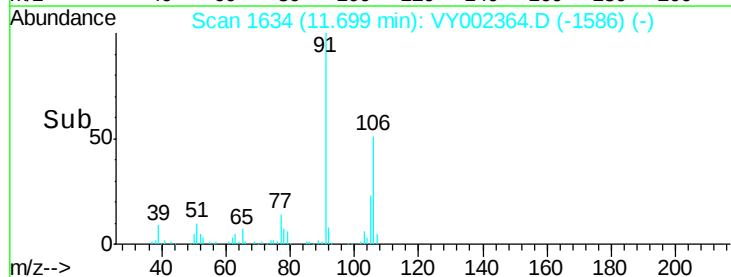
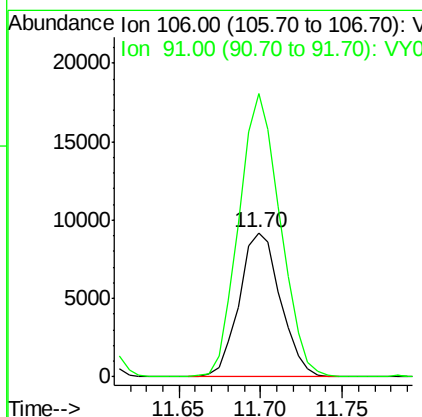
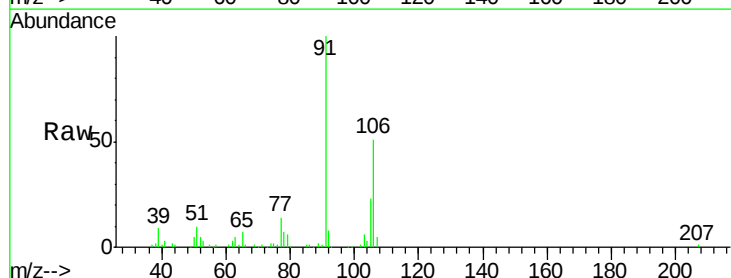
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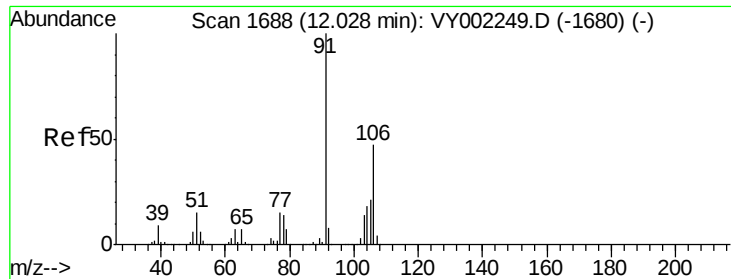
Tot Ion: 91 Resp: 13219
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0



#68
m/p-Xylenes
Concen: 5.719 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY002364.D
Acq: 16 Apr 2020 14:10

Tgt Ion: 106 Resp: 16175
Ion Ratio Lower Upper
106 100
91 197.3 159.8 239.6

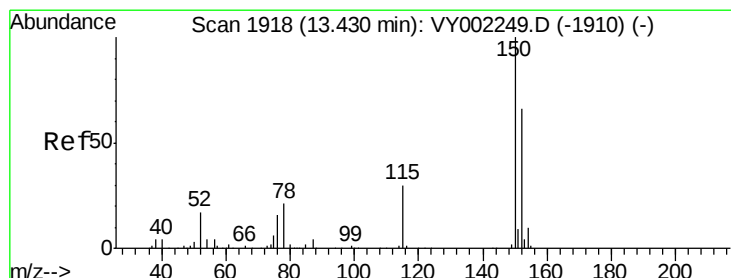
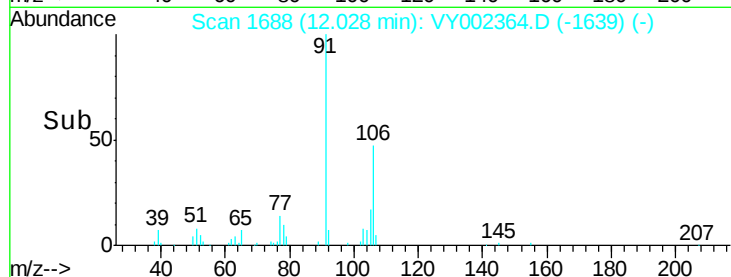
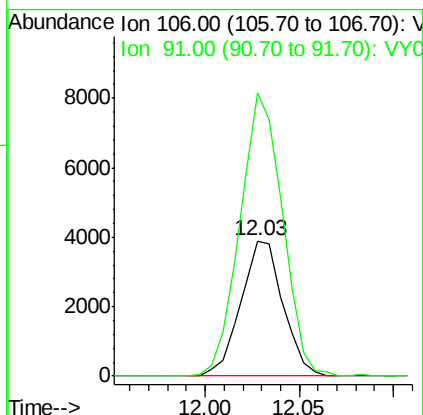
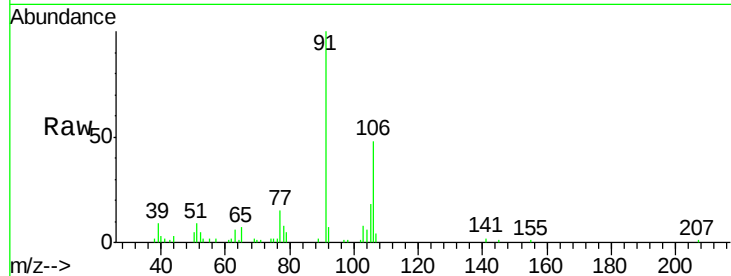




#69
o-Xylene
Concen: 2.272 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002364.D
Acq: 16 Apr 2020 14:10

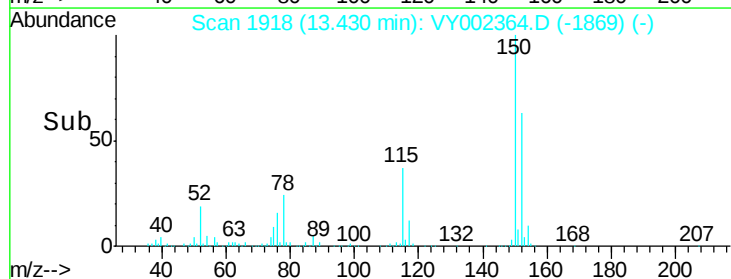
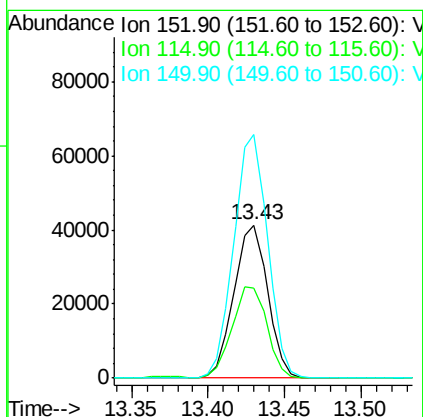
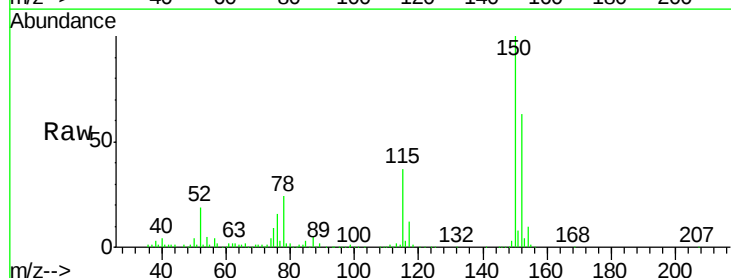
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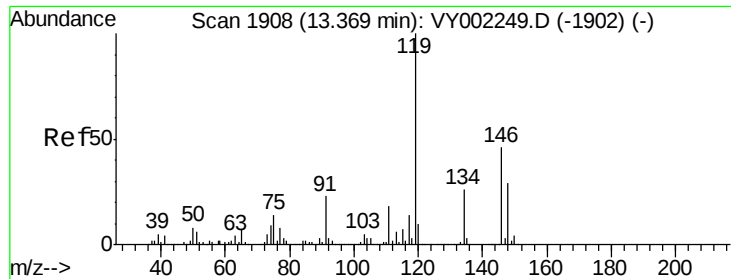
Tot Ion:106 Resp: 6033
Ion Ratio Lower Upper
106 100
91 211.5 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002364.D
Acq: 16 Apr 2020 14:10

Tgt Ion:152 Resp: 63473
Ion Ratio Lower Upper
152 100
115 61.8 30.7 92.1
150 159.2 0.0 350.6

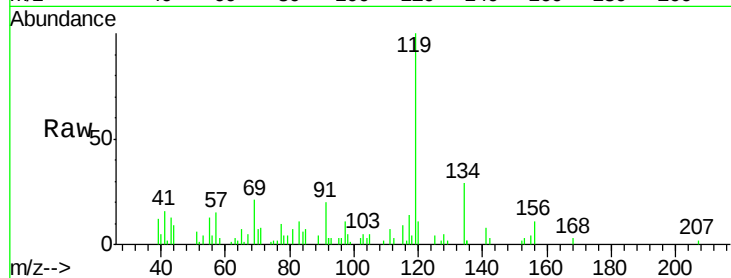




#86
 p-Isopropyltoluene
 Concen: 1.467 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002364.D
 Acq: 16 Apr 2020 14:10

Instrument :
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Tot Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.3	39.9
91	24.1	11.5	34.4



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VY0

