

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016805.D
 Acq On : 17 Jun 2020 02:27
 Operator : JC/SP
 Sample : L2999-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1013

Quant Time: Jun 17 07:03:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	270315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227919	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	146616	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.46	113	127674	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	8.70	98	578864	60.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.22%	
62) 4-Bromofluorobenzene	11.12	95	212329	57.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.28%	

Target Compounds

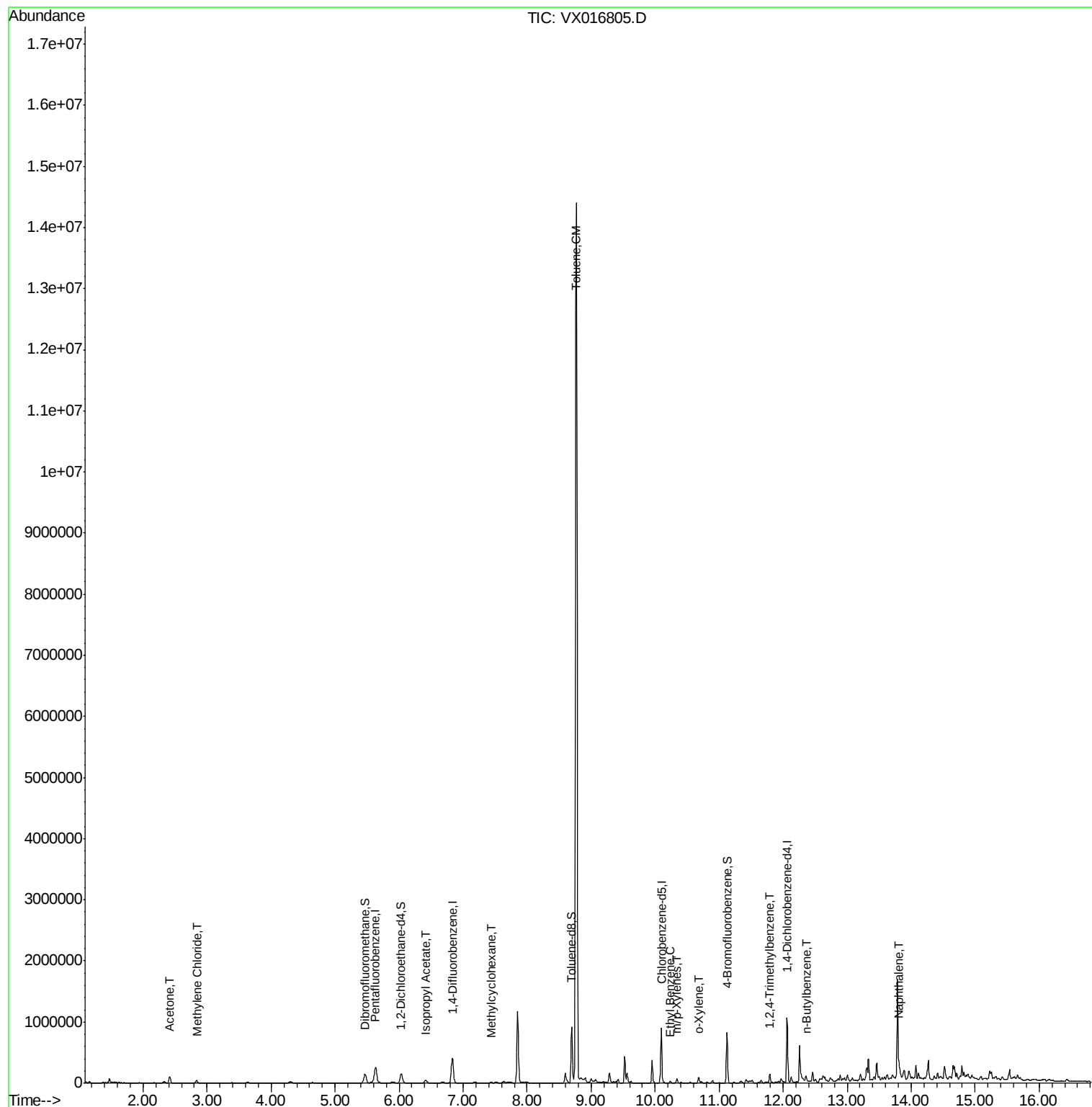
					Qvalue	
16) Acetone	2.42	43	112782	81.774	ug/l	99
20) Methylene Chloride	2.84	84	18846	6.344	ug/l	99
39) Methylcyclohexane	7.44	83	3691	1.788	ug/l #	79
43) Isopropyl Acetate	6.41	43	62924	9.800	ug/l	99
52) Toluene	8.77	92	6103324	824.915	ug/l	93
67) Ethyl Benzene	10.24	91	14665	1.003	ug/l	98
68) m/p-Xylenes	10.34	106	18341	3.307	ug/l	100
69) o-Xylene	10.68	106	10788	2.019	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	62315	4.914	ug/l	100
89) n-Butylbenzene	12.37	91	13962	1.314	ug/l #	44
95) Naphthalene	13.82	128	78930	5.040	ug/l #	94

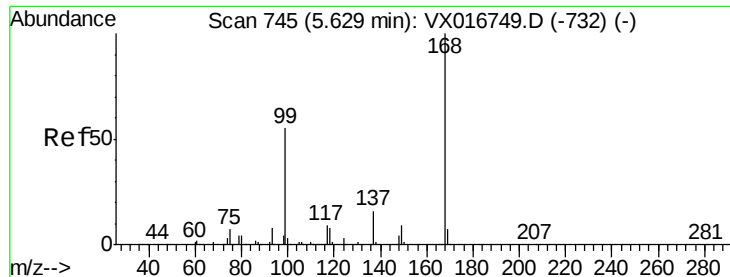
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061620\
Data File : VX016805.D
Acq On : 17 Jun 2020 02:27
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Sample : L2999-03
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Quant Time: Jun 17 07:03:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016805.D

Acq: 17 Jun 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

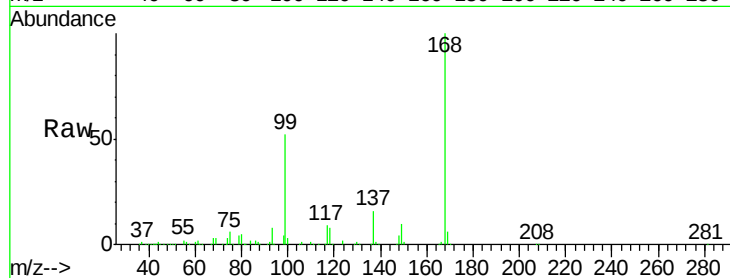
TRE-1013

Tot Ion:168 Resp: 270315

Ion Ratio Lower Upper

168 100

99 52.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

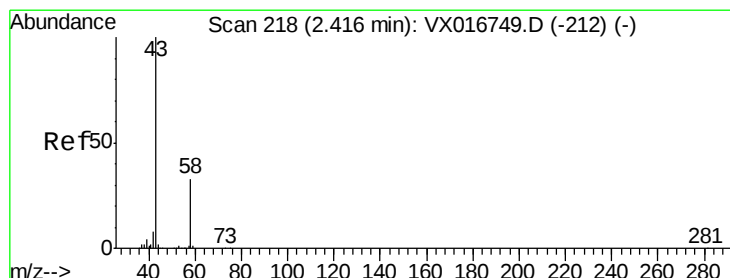
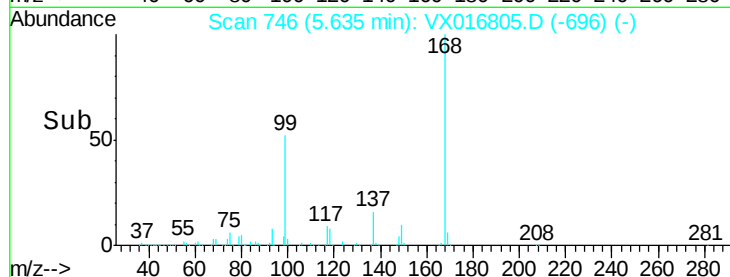
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 81.774 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016805.D

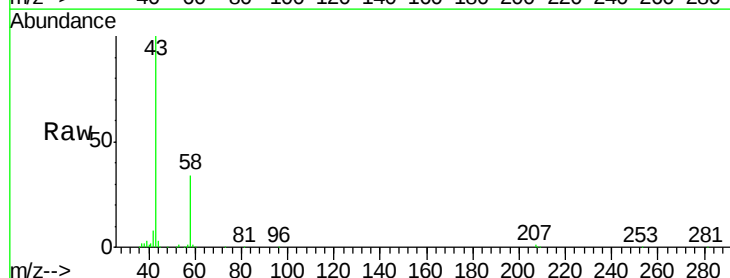
Acq: 17 Jun 2020 02:27

Tgt Ion: 43 Resp: 112782

Ion Ratio Lower Upper

43 100

58 33.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

80000

60000

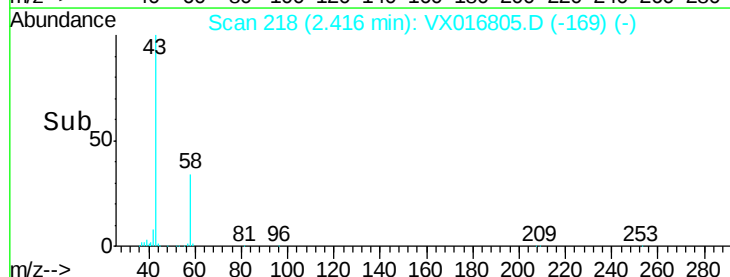
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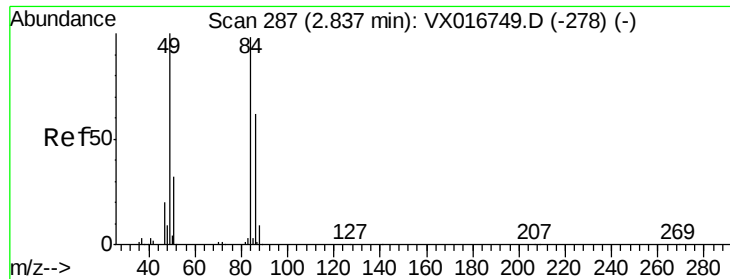
20000

0

2.40 2.50

Time-->

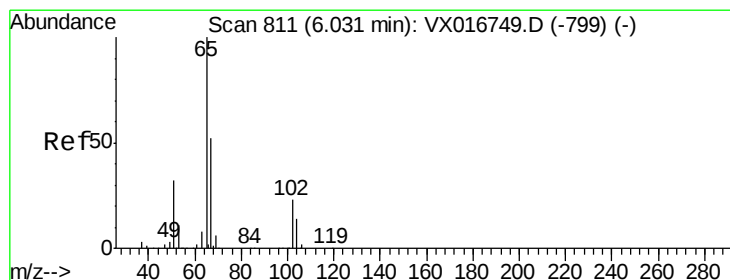
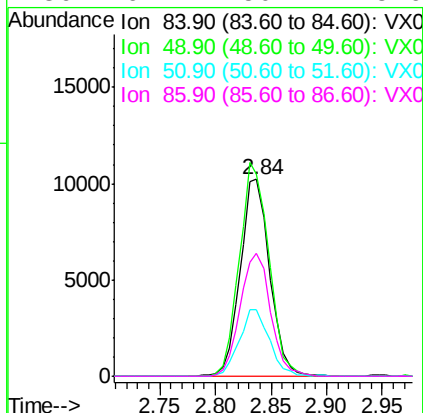
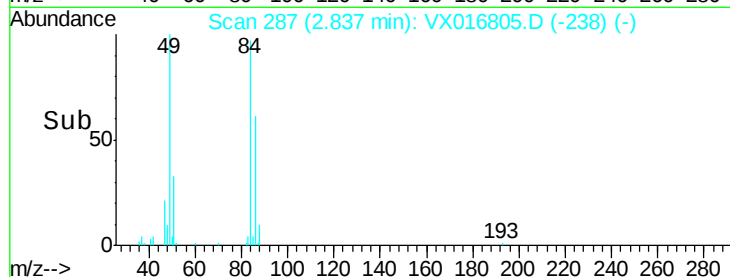
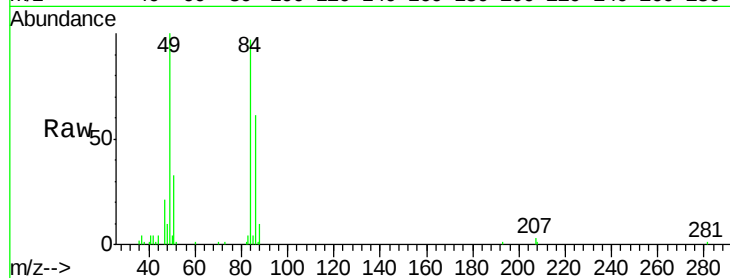




#20
Methvlene Chloride
Concen: 6.344 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016805.D
Acq: 17 Jun 2020 02:27

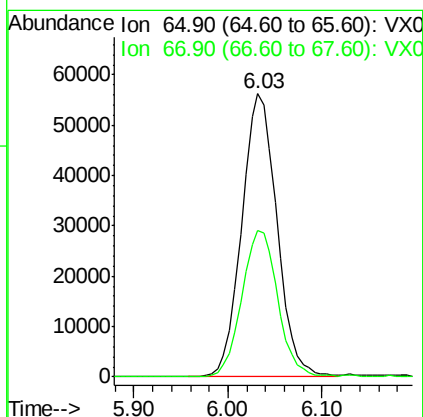
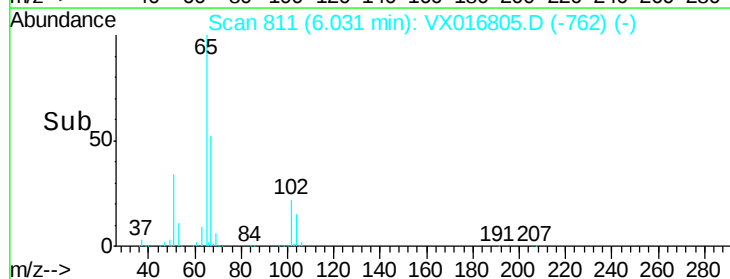
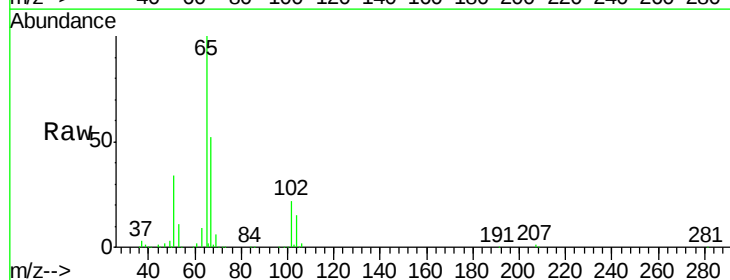
Instrument :
MSVOA_X
ClientSampleId :
TRE-1013

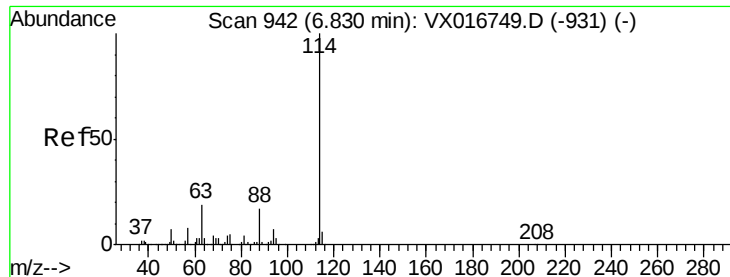
Tot Ion: 84 Resp: 18846
Ion Ratio Lower Upper
84 100
49 102.9 81.8 122.8
51 33.8 25.8 38.8
86 62.4 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 48.225 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016805.D
Acq: 17 Jun 2020 02:27

Tgt Ion: 65 Resp: 146616
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016805.D

Acq: 17 Jun 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

TRE-1013

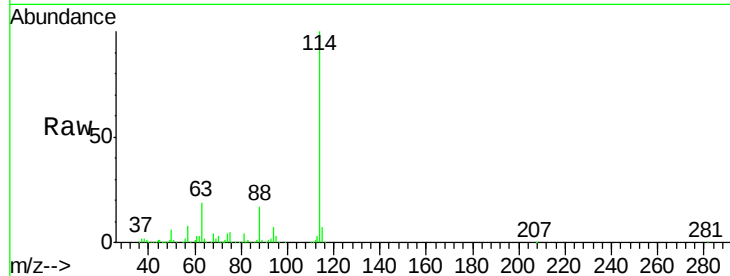
Tot Ion:114 Resp: 423333

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

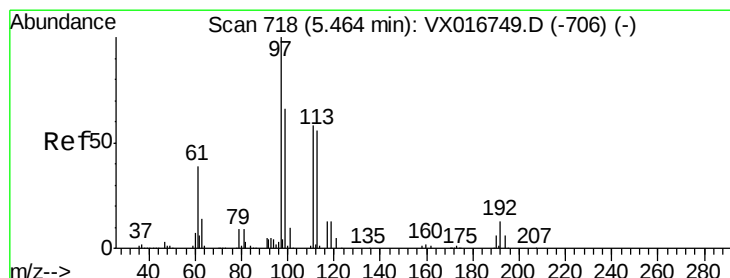
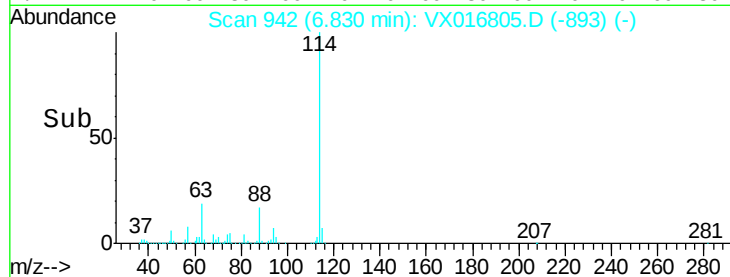
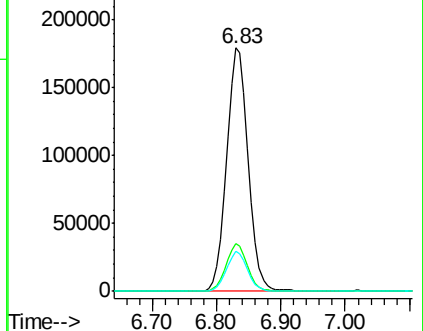
88 16.5 0.0 33.4



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: 48.882 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016805.D

Acq: 17 Jun 2020 02:27

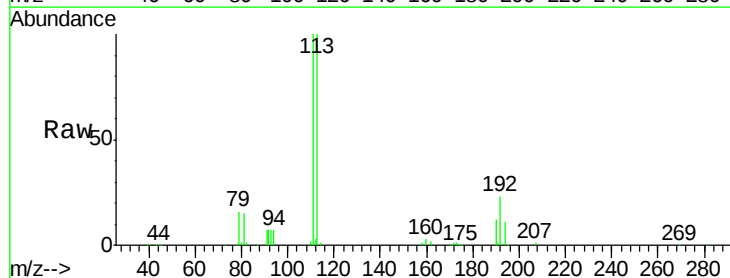
Tgt Ion:113 Resp: 127674

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.6

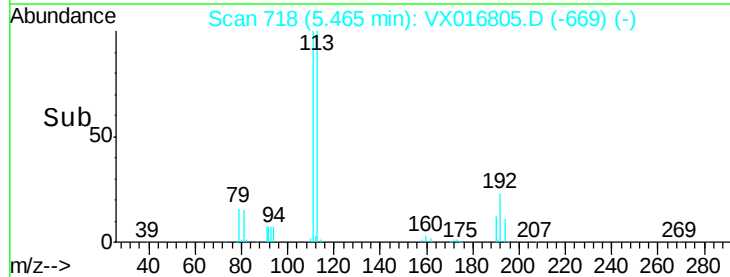
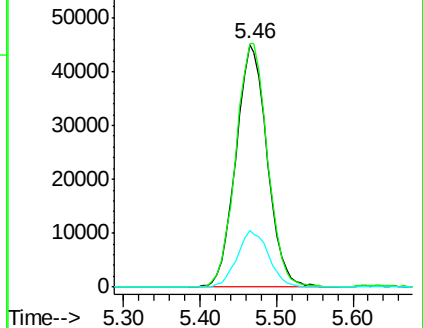
192 23.5 18.2 27.4

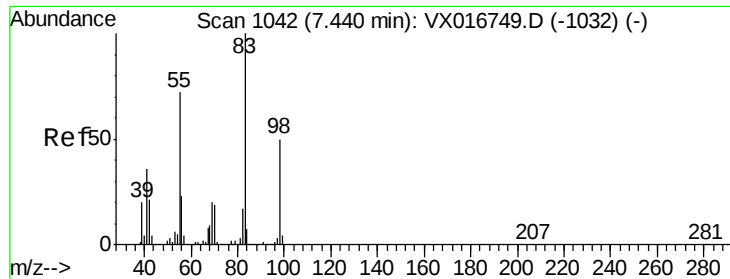


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

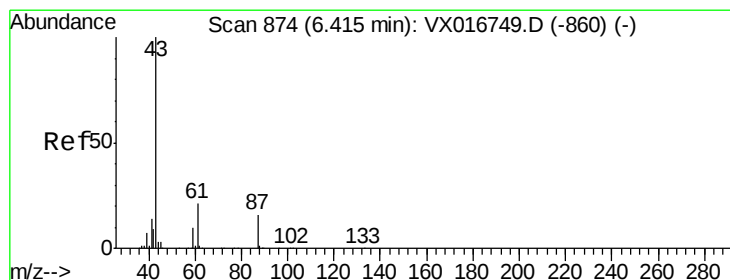
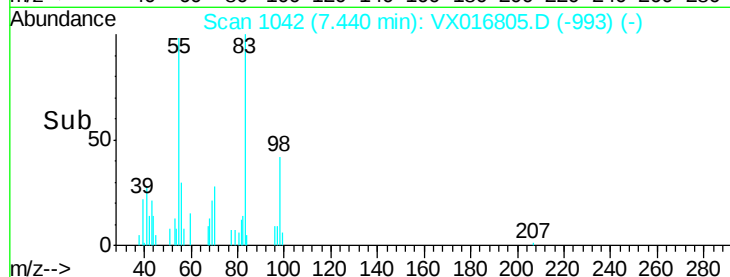
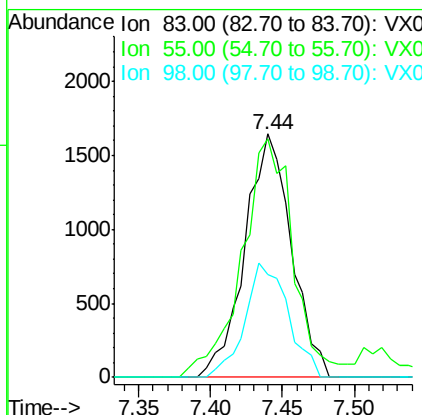
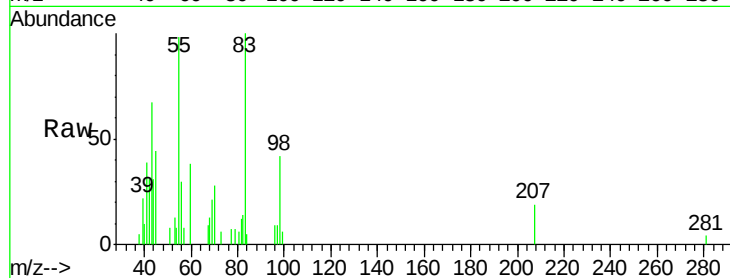




#39
Methvlcvclohexane
Concen: 1.788 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016805.D
Acq: 17 Jun 2020 02:27

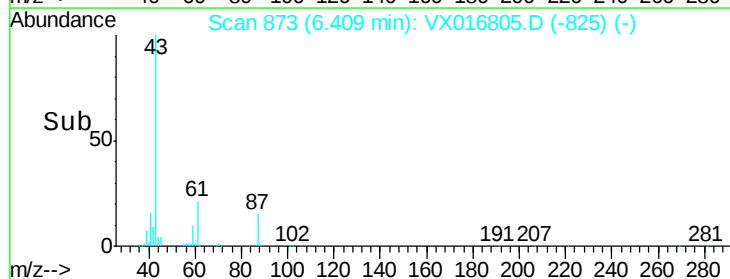
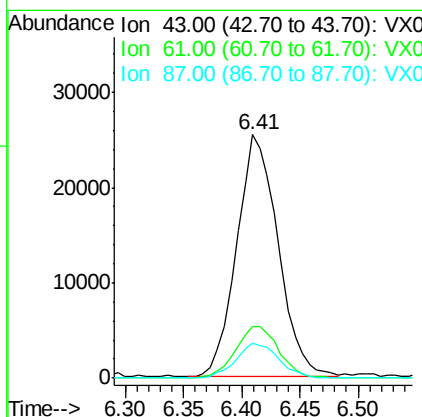
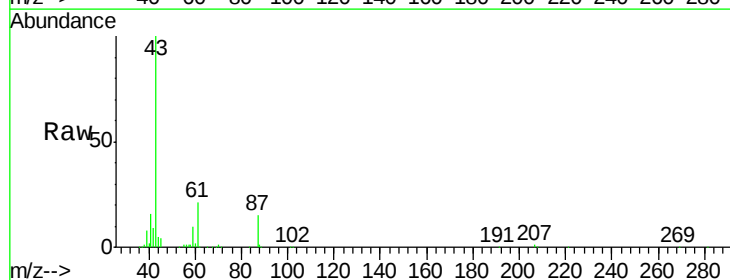
Instrument :
MSVOA_X
ClientSampleId :
TRE-1013

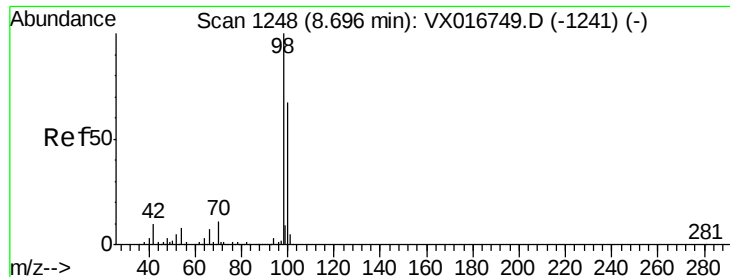
Tot Ion: 83 Resp: 3691
Ion Ratio Lower Upper
83 100
55 94.5 57.3 85.9#
98 42.0 40.3 60.5



#43
Isopropyl Acetate
Concen: 9.800 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016805.D
Acq: 17 Jun 2020 02:27

Tgt Ion: 43 Resp: 62924
Ion Ratio Lower Upper
43 100
61 22.4 17.7 26.5
87 15.0 12.5 18.7

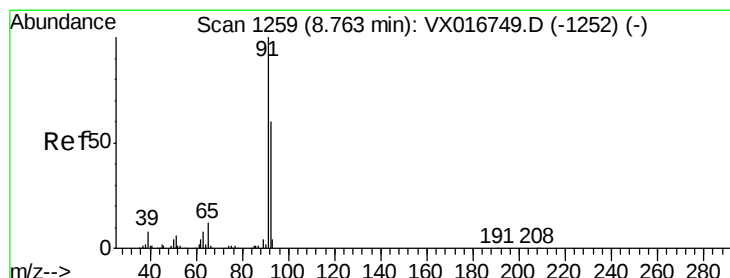
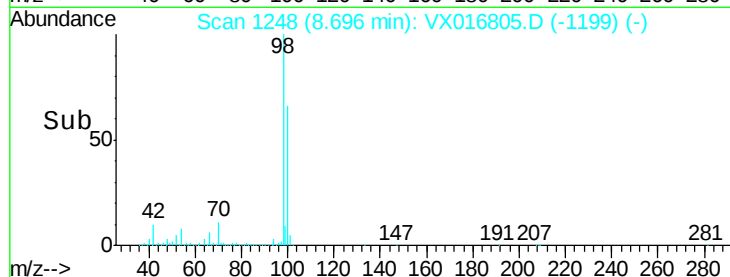
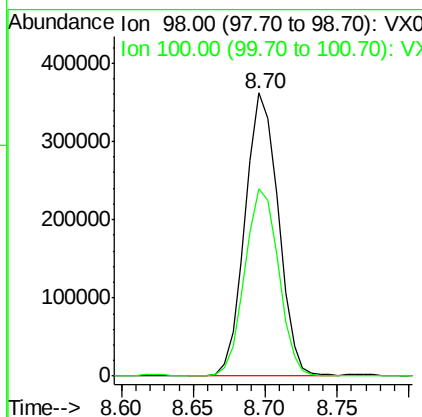
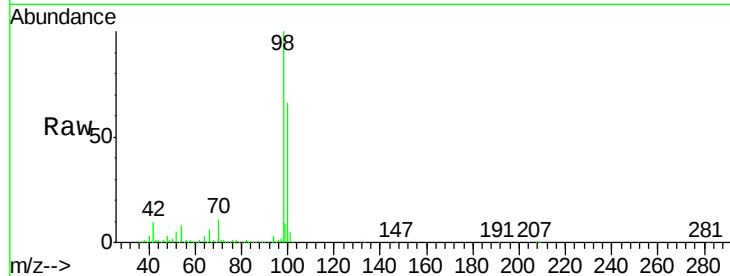




#50
Toluene-d8
Concen: 60.106 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016805.D
Acq: 17 Jun 2020 02:27

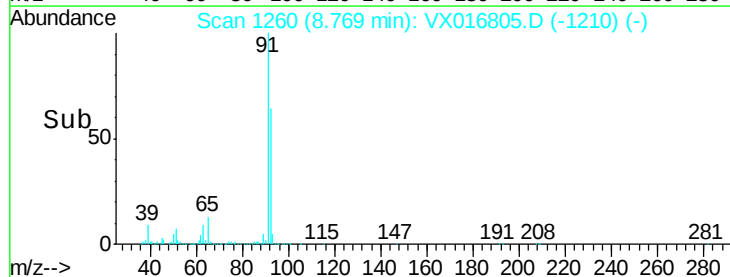
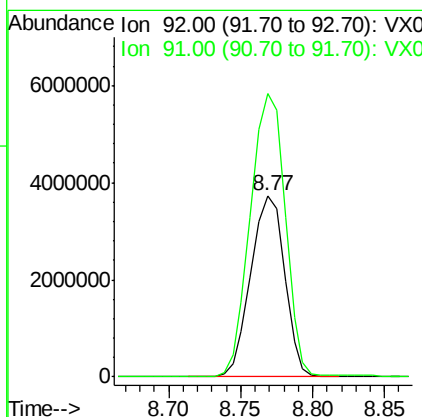
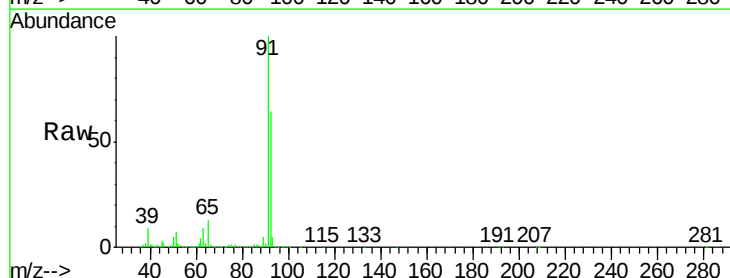
Instrument :
MSVOA_X
ClientSampleId :
TRE-1013

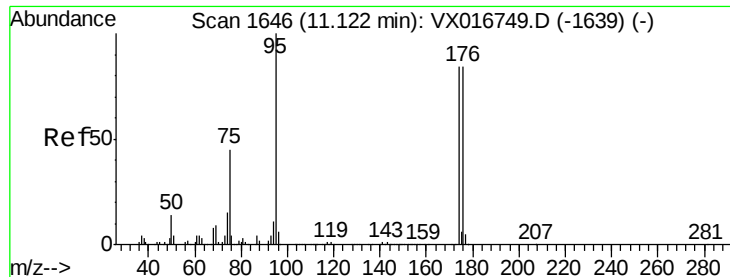
Tot Ion: 98 Resp: 578864
Ion Ratio Lower Upper
98 100
100 66.9 53.9 80.9



#52
Toluene
Concen: 824.915 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX016805.D
Acq: 17 Jun 2020 02:27

Tgt Ion: 92 Resp: 6103324
Ion Ratio Lower Upper
92 100
91 160.5 136.1 204.1





#62

4-Bromofluorobenzene

Concen: 57.639 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016805.D

Acq: 17 Jun 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

TRE-1013

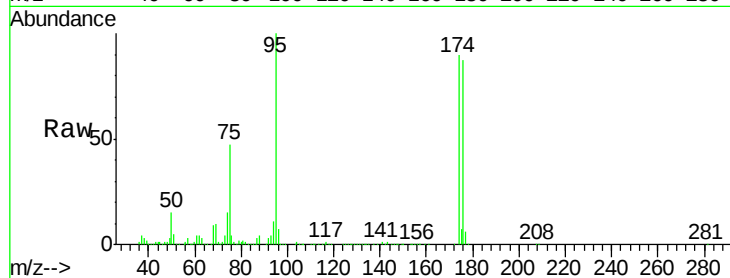
Tot Ion: 95 Resp: 212329

Ion Ratio Lower Upper

95 100

174 87.8 0.0 171.0

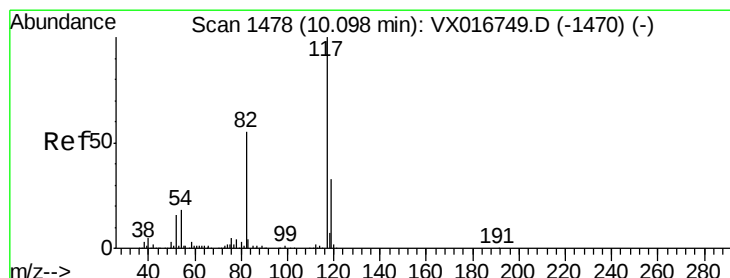
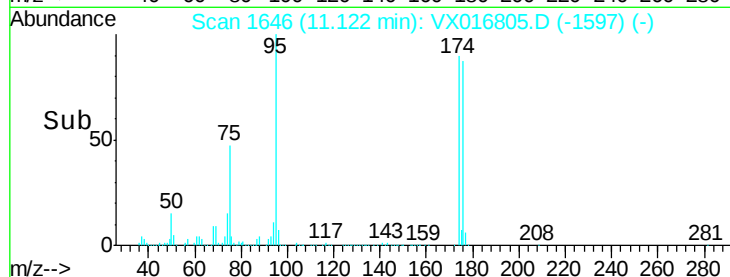
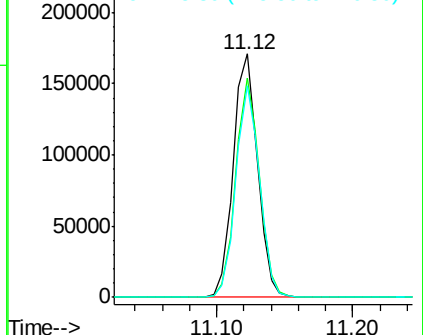
176 84.8 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX016805.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016805.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016805.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016805.D

Acq: 17 Jun 2020 02:27

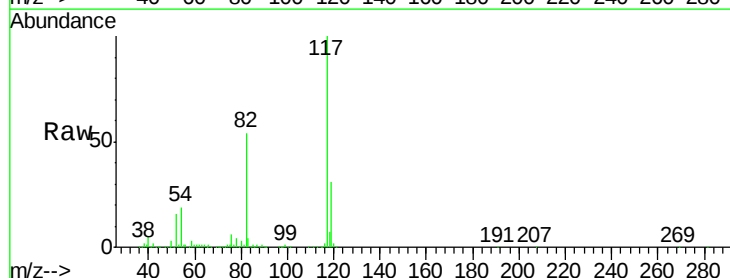
Tgt Ion: 117 Resp: 426373

Ion Ratio Lower Upper

117 100

82 54.1 43.8 65.6

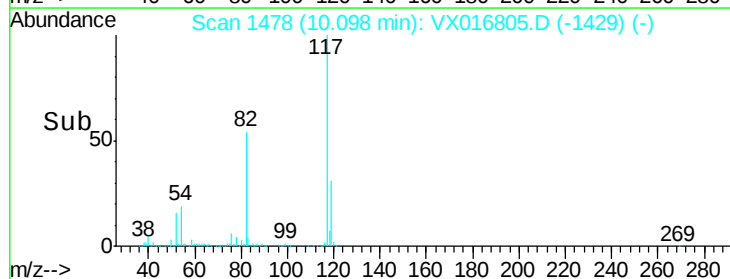
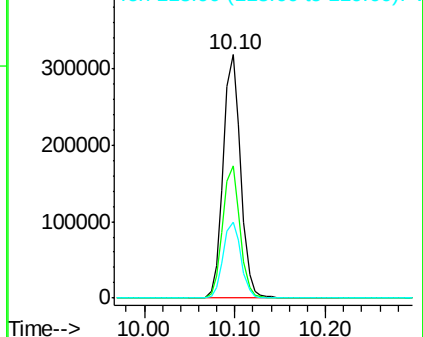
119 31.4 26.2 39.4

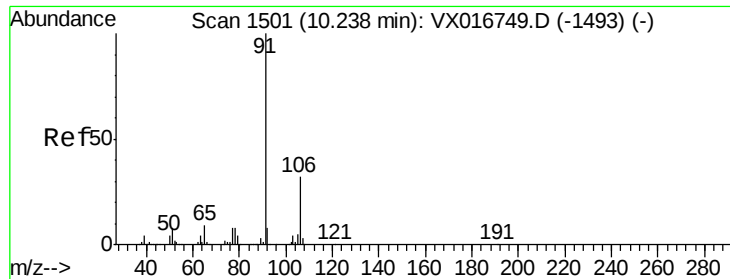


Abundance Ion 116.90 (116.60 to 117.60): VX016805.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016805.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016805.D (-1429) (-)

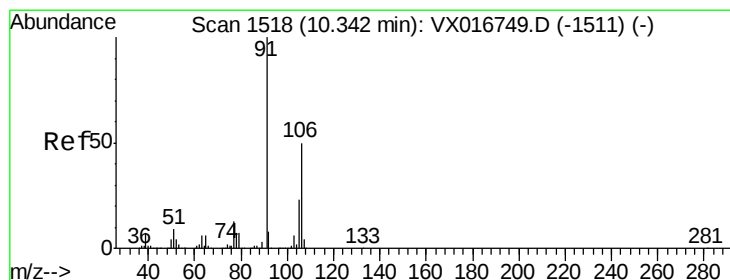
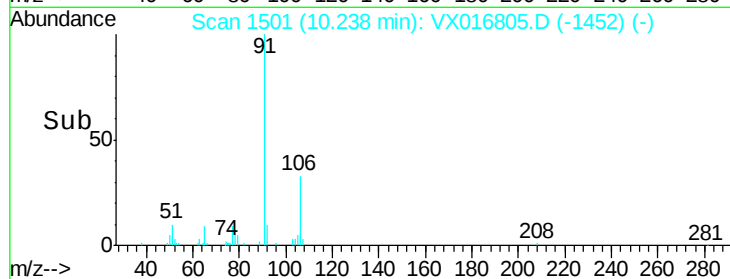
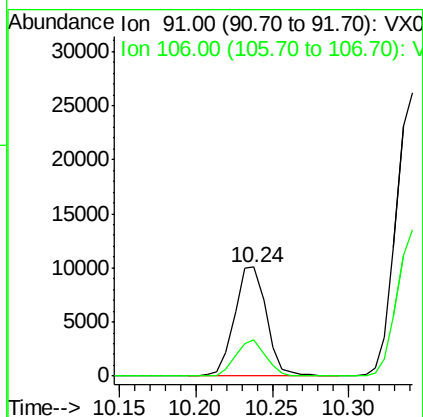
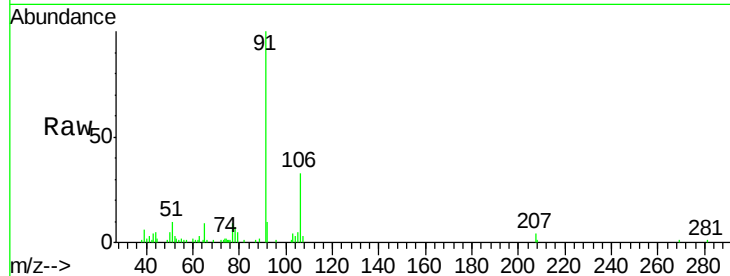




#67
Ethyl Benzene
Concen: 1.003 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016805.D
Acq: 17 Jun 2020 02:27

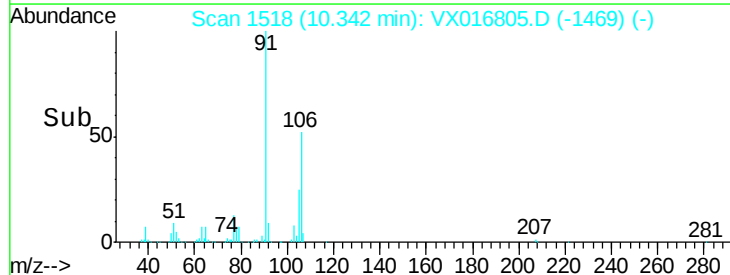
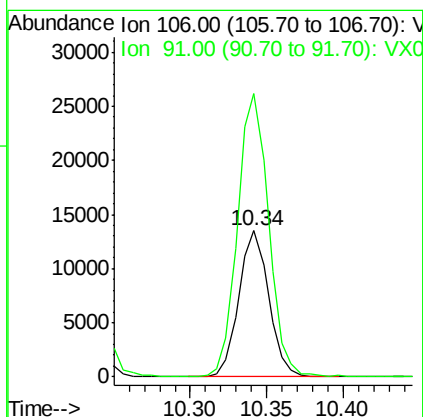
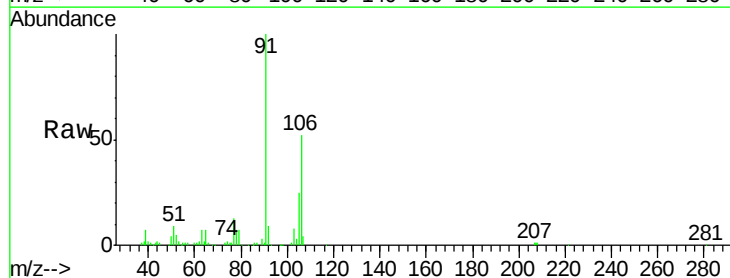
Instrument :
MSVOA_X
ClientSampleId :
TRE-1013

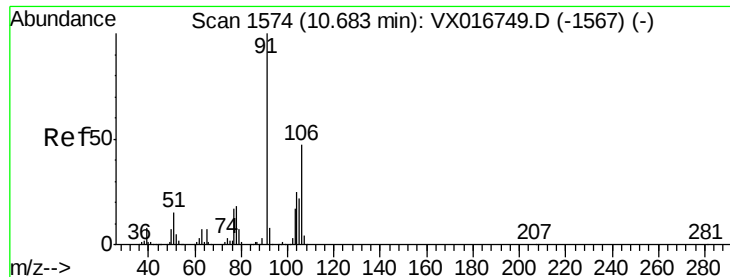
Tot Ion: 91 Resp: 14665
Ion Ratio Lower Upper
91 100
106 32.9 25.3 37.9



#68
m/p-Xylenes
Concen: 3.307 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016805.D
Acq: 17 Jun 2020 02:27

Tgt Ion: 106 Resp: 18341
Ion Ratio Lower Upper
106 100
91 201.3 161.2 241.8

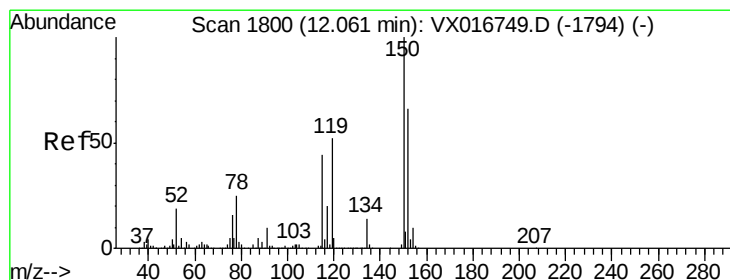
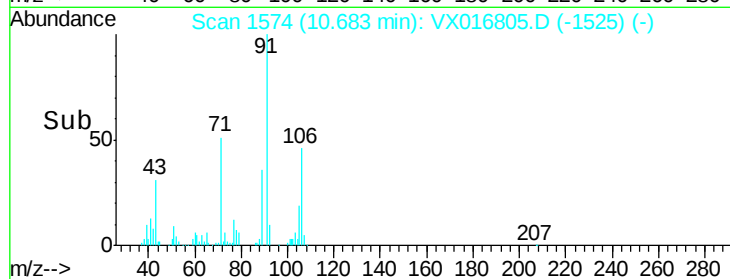
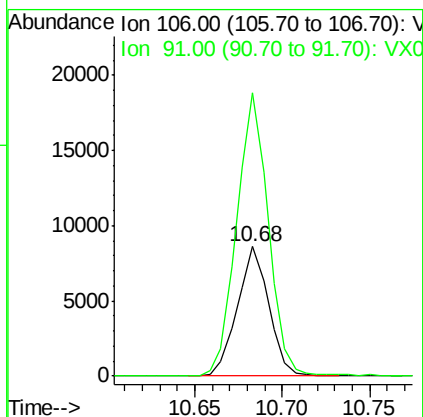
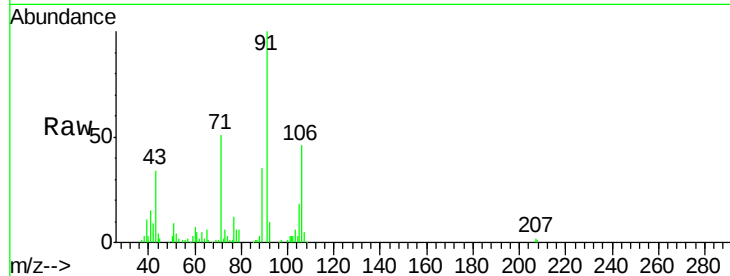




#69
o-Xylene
Concen: 2.019 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016805.D
Acq: 17 Jun 2020 02:27

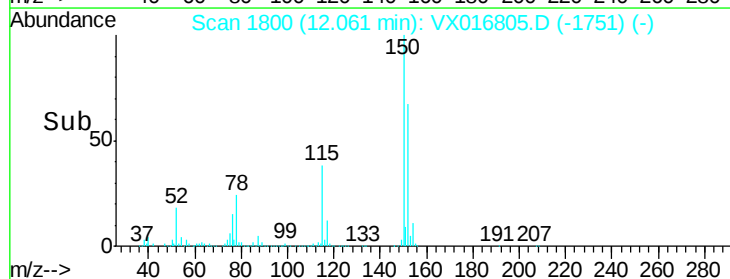
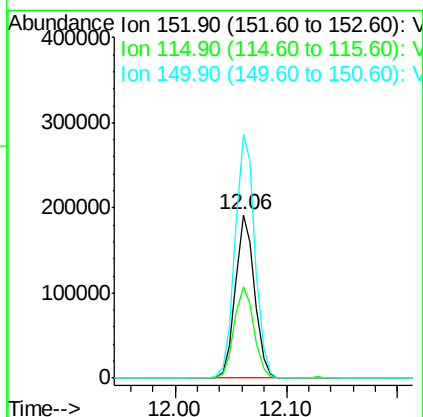
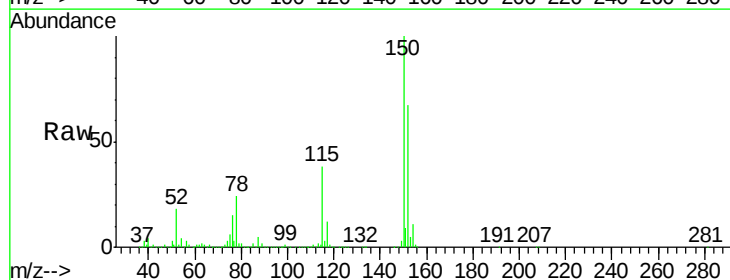
Instrument :
MSVOA_X
ClientSampleId :
TRE-1013

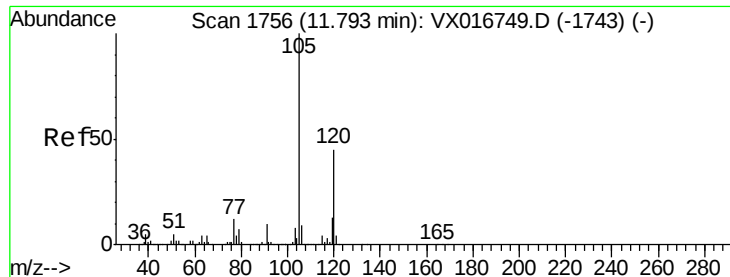
Tot Ion:106 Resp: 10788
Ion Ratio Lower Upper
106 100
91 220.9 106.9 320.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016805.D
Acq: 17 Jun 2020 02:27

Tgt Ion:152 Resp: 227919
Ion Ratio Lower Upper
152 100
115 57.1 40.3 120.8
150 153.6 0.0 337.4





#84

1,2,4-Trimethylbenzene

Concen: 4.914 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016805.D

Acq: 17 Jun 2020 02:27

Instrument :

MSVOA_X

ClientSampled :

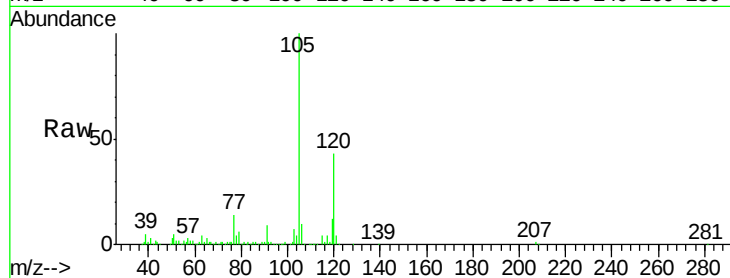
TRE-1013

Tot Ion:105 Resp: 62315

Ion Ratio Lower Upper

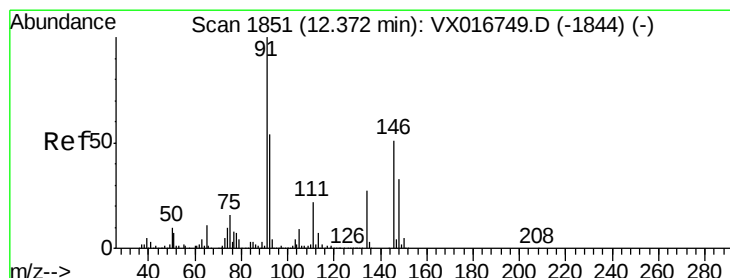
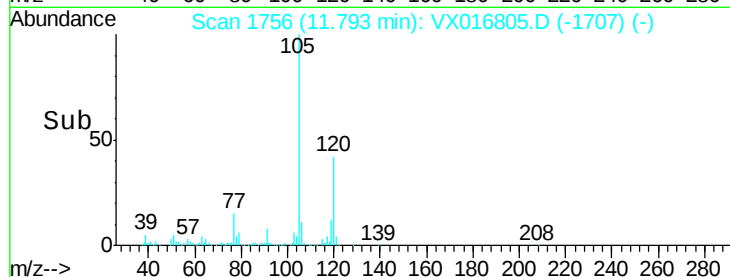
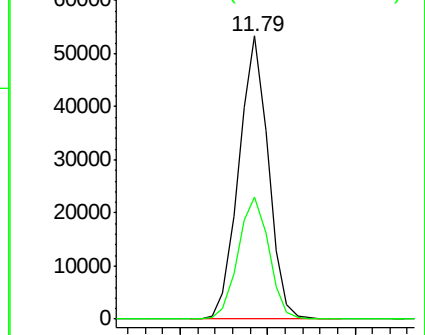
105 100

120 45.2 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#89

n-Butylbenzene

Concen: 1.314 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016805.D

Acq: 17 Jun 2020 02:27

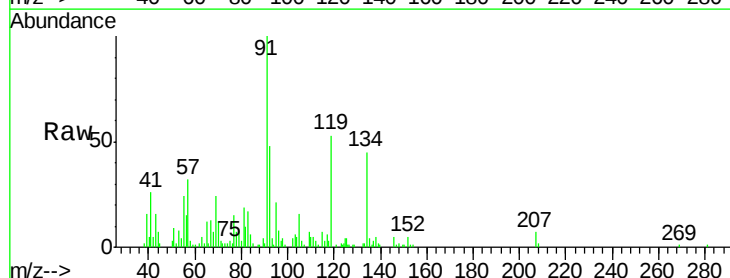
Tgt Ion: 91 Resp: 13962

Ion Ratio Lower Upper

91 100

92 38.2 27.0 80.8

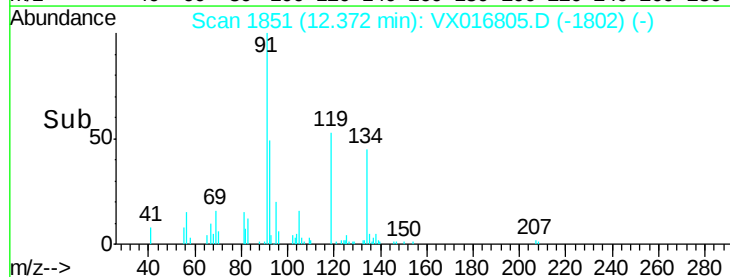
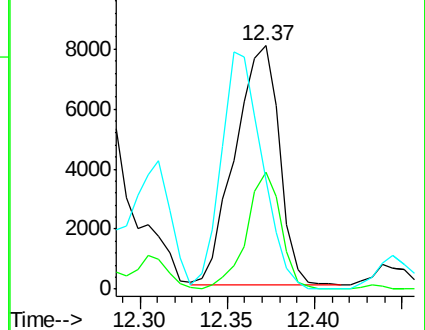
134 92.0 13.7 41.0#

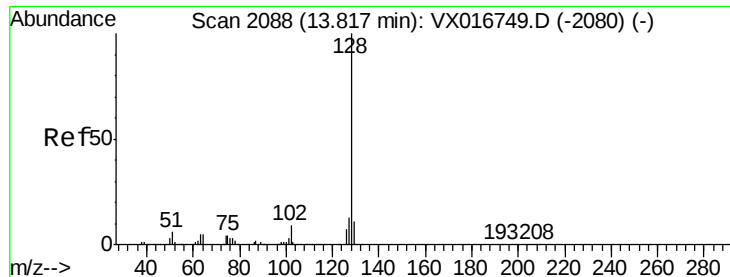


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 5.040 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016805.D

Acq: 17 Jun 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

TRE-1013

Tot Ion:128 Resp: 78930

Ion Ratio Lower Upper

128 100

127 16.5 10.2 15.4#

129 12.2 8.8 13.2

