

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011175.D
 Acq On : 30 Jul 2019 03:53
 Operator : JC/SP
 Sample : K4024-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-8

Quant Time: Jul 30 07:15:14 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

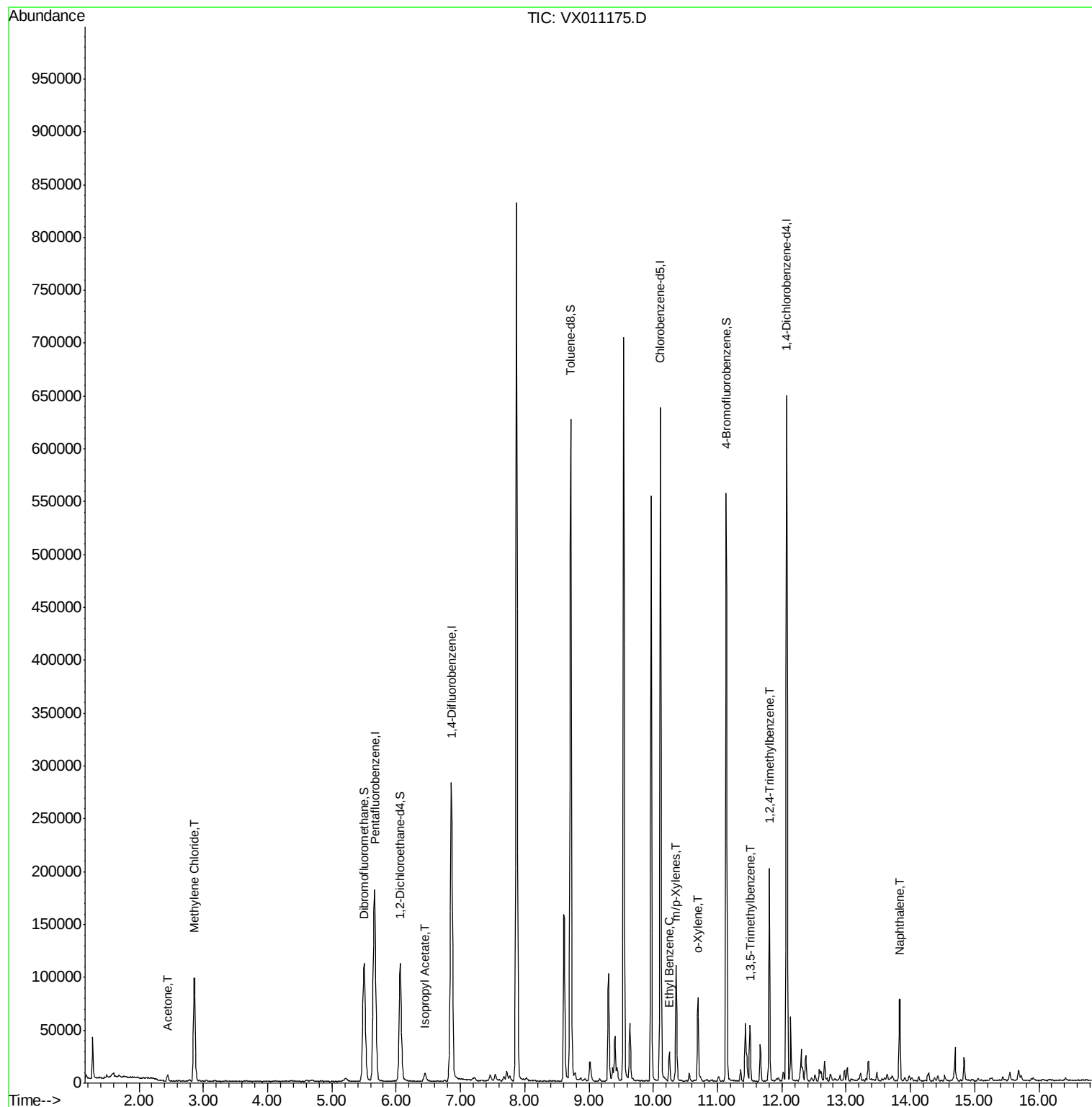
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139935	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	102123	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
35) Dibromofluoromethane	5.50	113	93967	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
50) Toluene-d8	8.71	98	372203	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.13	95	133486	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	6444	7.234	ug/l #	87
20) Methylene Chloride	2.86	84	49492	26.219	ug/l	97
43) Isopropyl Acetate	6.44	43	10986	2.643	ug/l	99
67) Ethyl Benzene	10.25	91	14602	1.422	ug/l	100
68) m/p-Xylenes	10.35	106	27603	7.005	ug/l	96
69) o-Xylene	10.69	106	10545	2.742	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	22901	2.899	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	85130	10.690	ug/l	98
95) Naphthalene	13.83	128	50293	5.602	ug/l	99

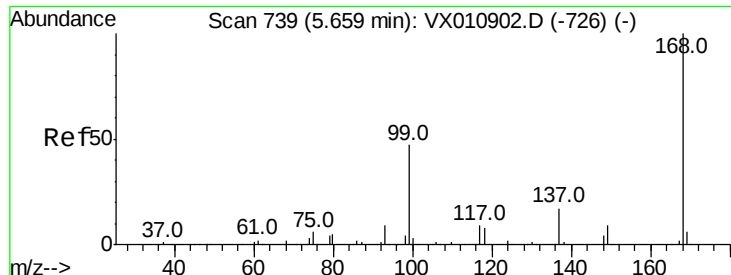
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampleId :

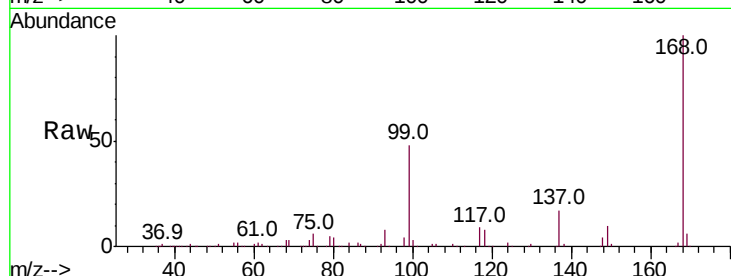
TP-8

Tot Ion:168 Resp: 185382

Ion Ratio Lower Upper

168 100

99 48.4 37.6 56.4

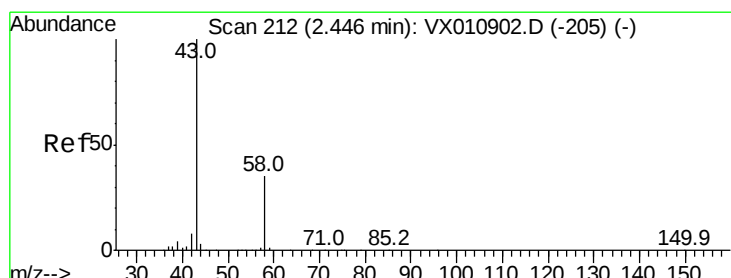
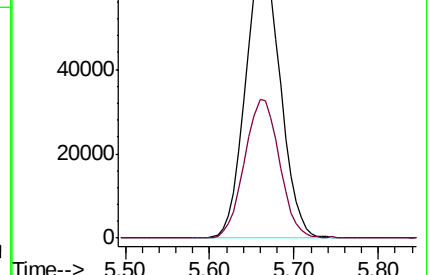
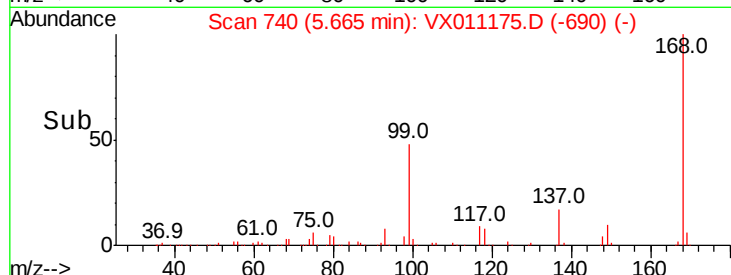


Abundance Ion 167.90 (167.60 to 168.60): VX010902.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX010902.D (-726) (-)

5.67

Time-->



#16

Acetone

Concen: 7.234 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011175.D

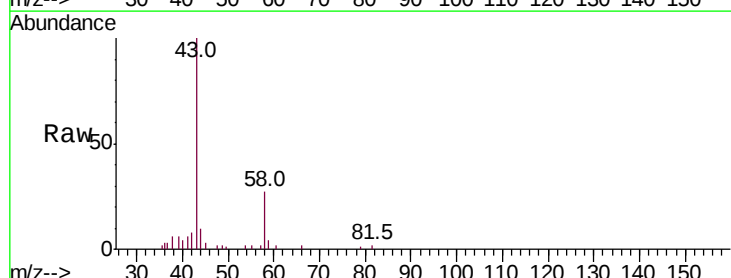
Acq: 30 Jul 2019 03:53

Tgt Ion: 43 Resp: 6444

Ion Ratio Lower Upper

43 100

58 27.1 27.7 41.5#

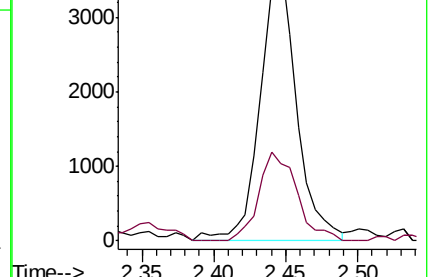
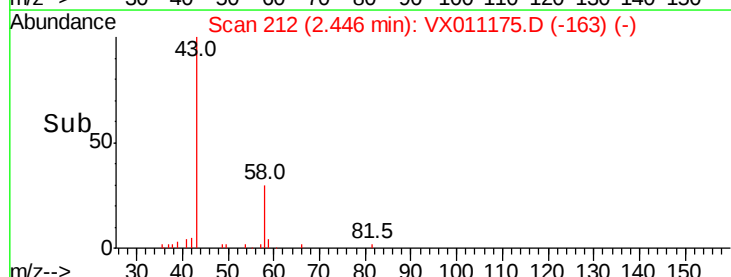


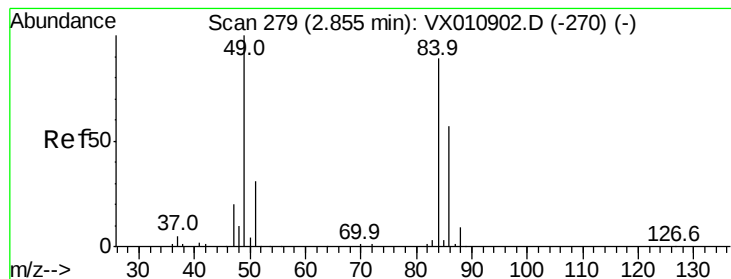
Abundance Ion 43.00 (42.70 to 43.70): VX010902.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX010902.D (-205) (-)

2.45

Time-->





#20

Methylene Chloride

Concen: 26.219 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :
MSVOA_X
ClientSampled :
TP-8

Tot Ion: 84 Resp: 49492

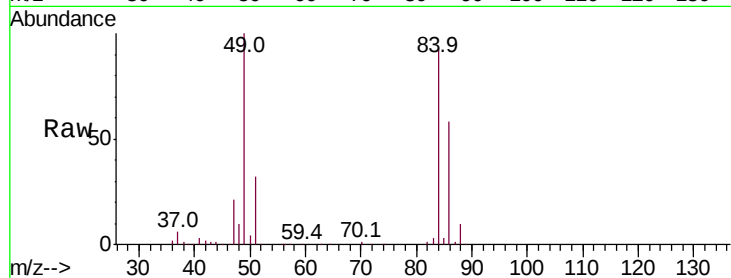
Ion Ratio Lower Upper

84 100

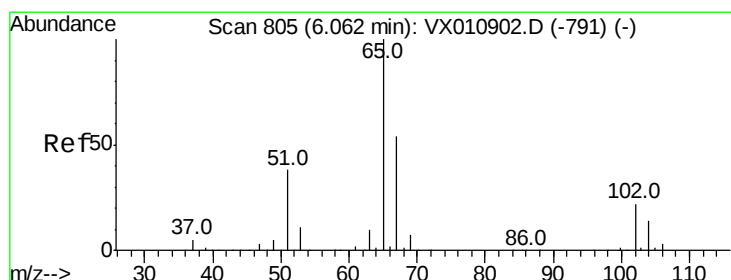
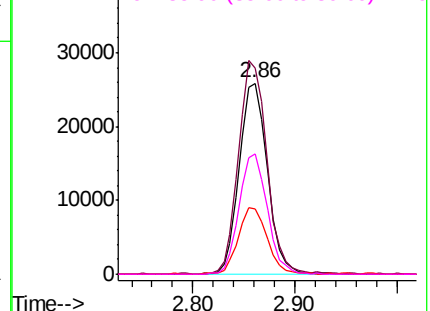
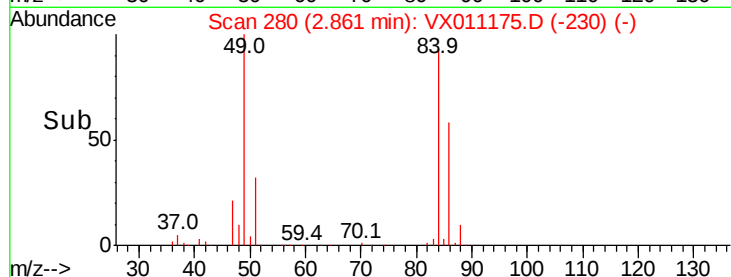
49 107.5 89.9 134.9

51 33.8 27.8 41.6

86 62.7 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.782 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011175.D

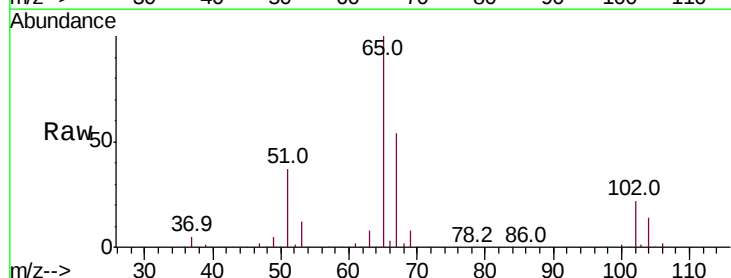
Acq: 30 Jul 2019 03:53

Tgt Ion: 65 Resp: 102123

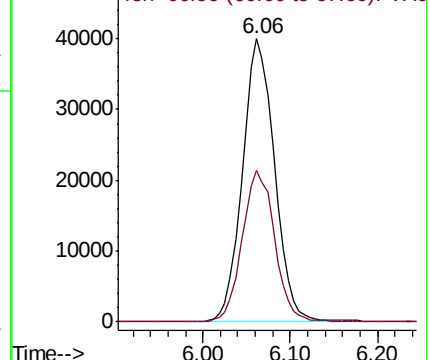
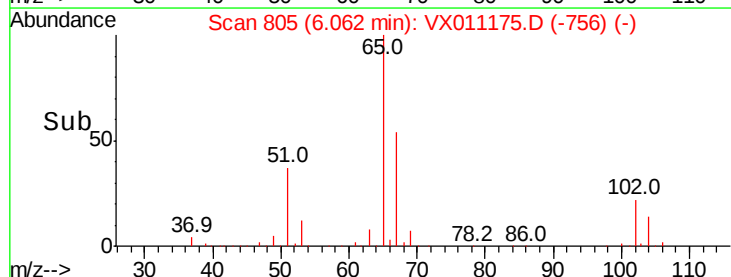
Ion Ratio Lower Upper

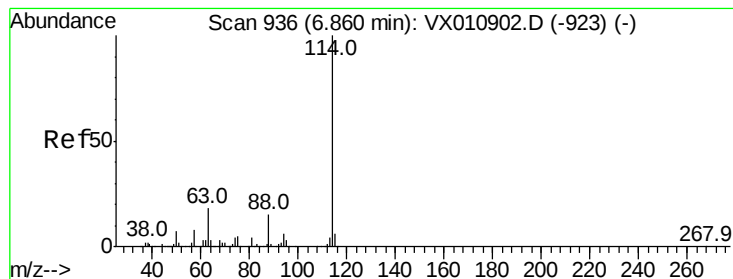
65 100

67 54.2 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: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampleId :

TP-8

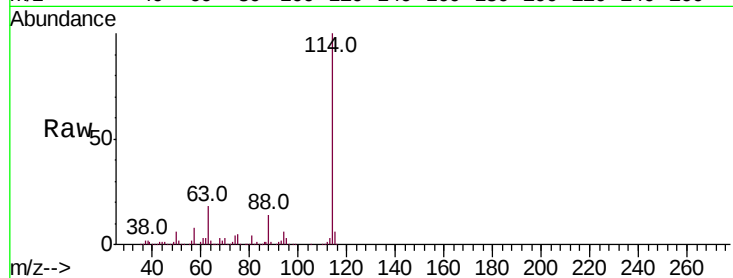
Tot Ion:114 Resp: 300541

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

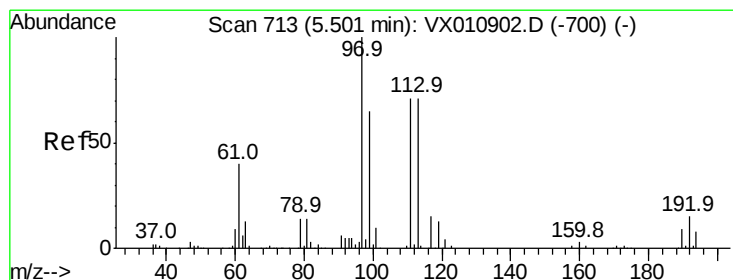
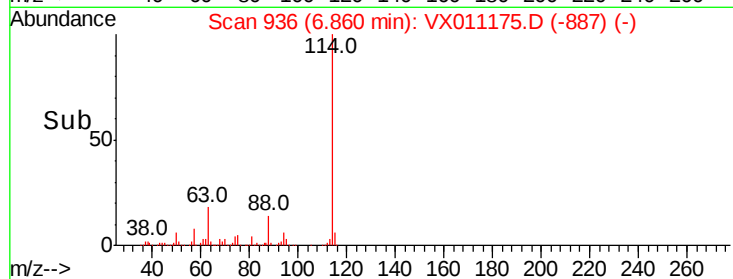
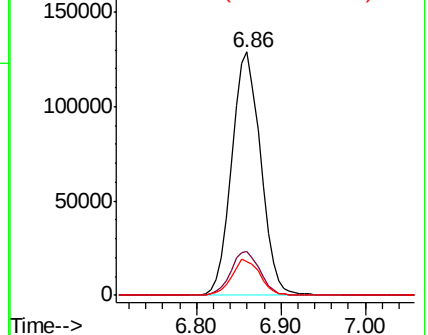
88 13.8 0.0 29.8



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: 49.259 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

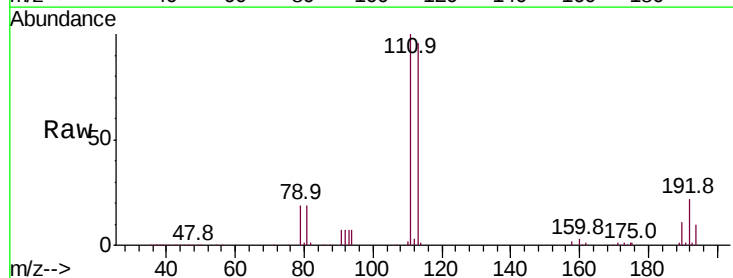
Tgt Ion:113 Resp: 93967

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

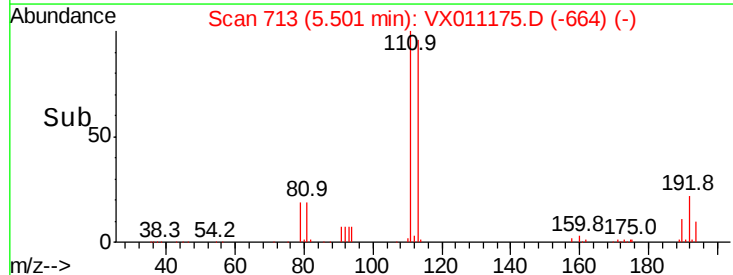
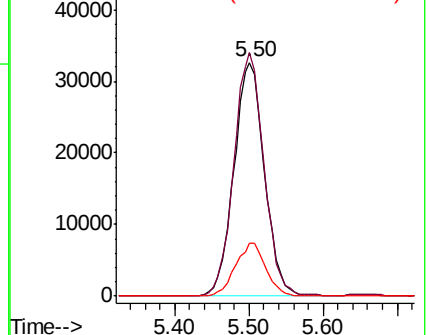
192 22.4 17.4 26.2

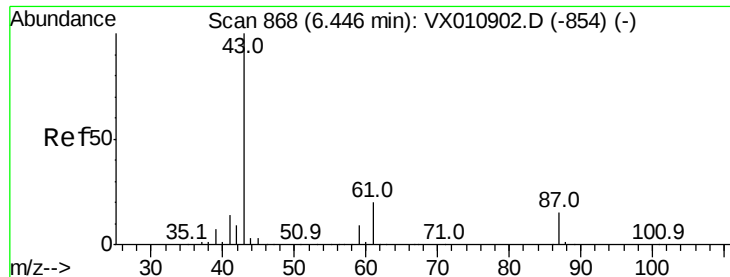


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.643 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampleId :

TP-8

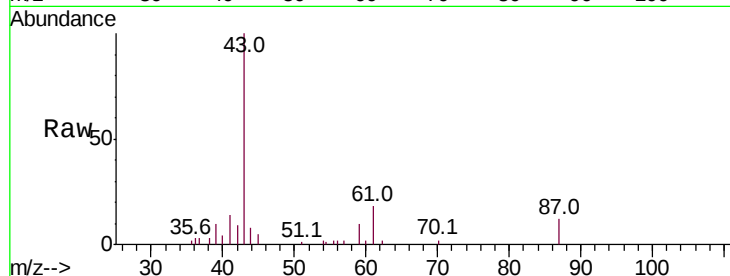
Tot Ion: 43 Resp: 10986

Ion Ratio Lower Upper

43 100

61 21.0 17.1 25.7

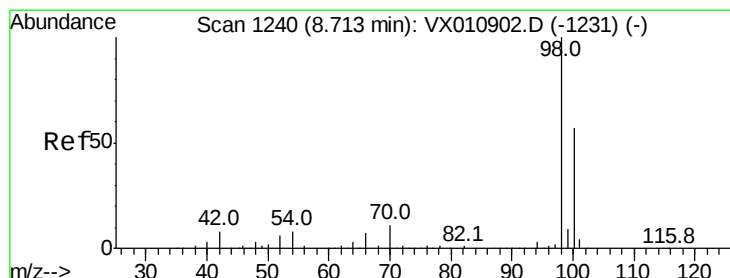
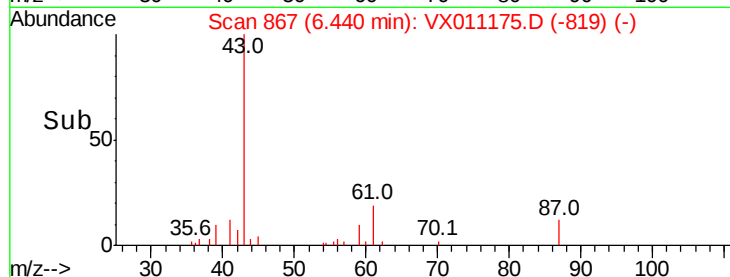
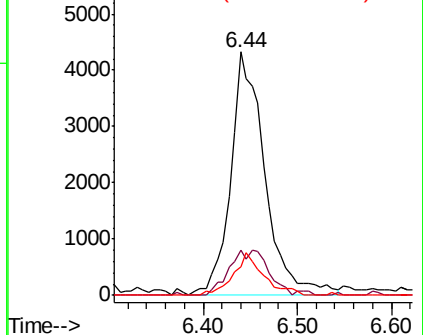
87 15.4 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 52.022 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011175.D

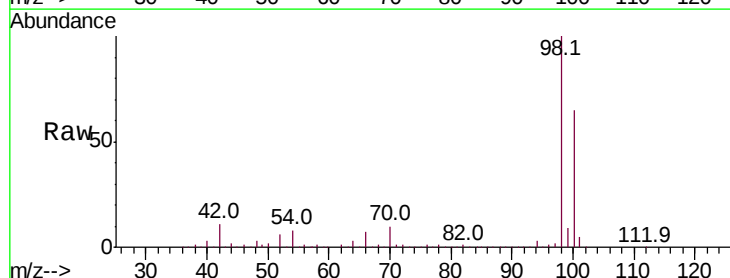
Acq: 30 Jul 2019 03:53

Tgt Ion: 98 Resp: 372203

Ion Ratio Lower Upper

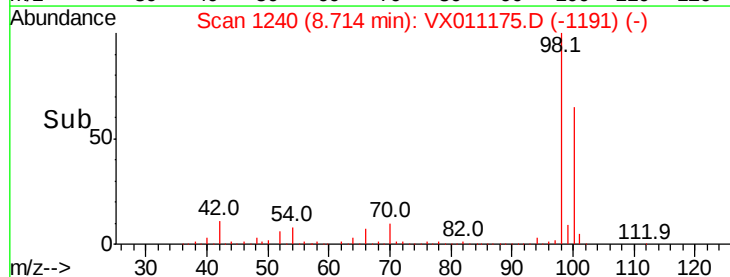
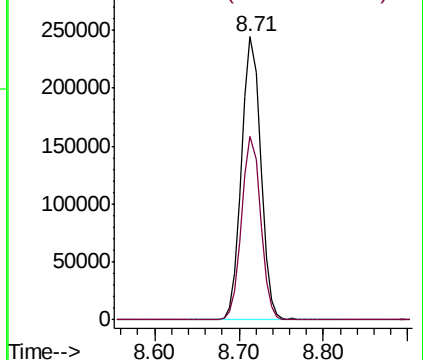
98 100

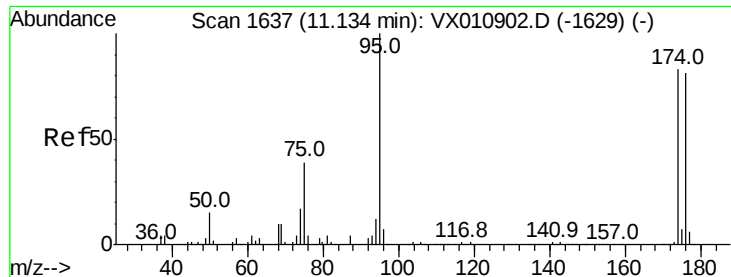
100 64.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.758 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampled :

TP-8

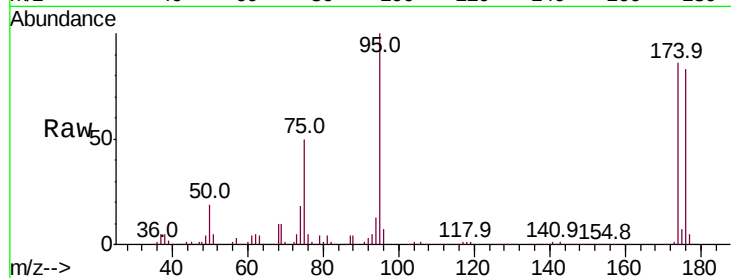
Tot Ion: 95 Resp: 133486

Ion Ratio Lower Upper

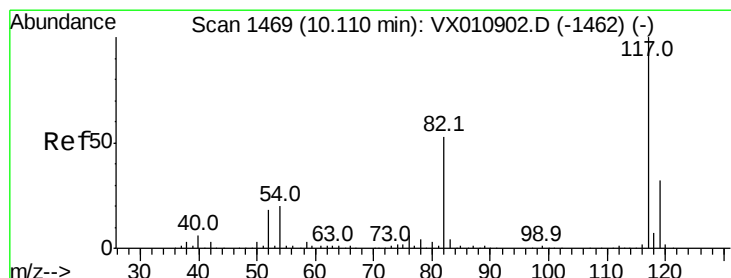
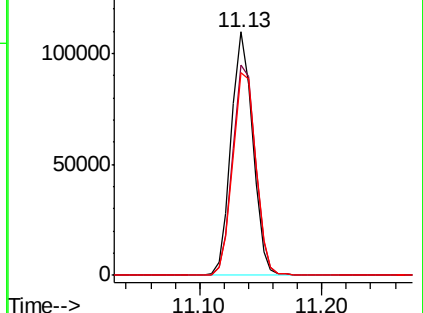
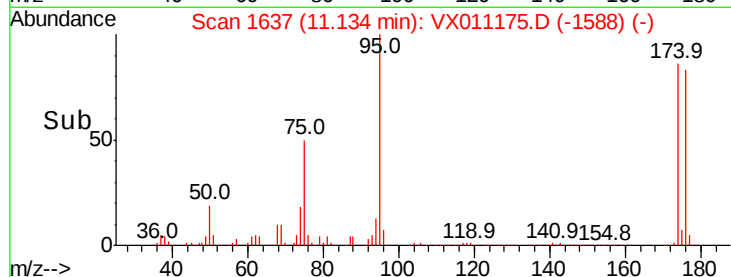
95 100

174 91.3 0.0 180.6

176 89.0 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011175.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

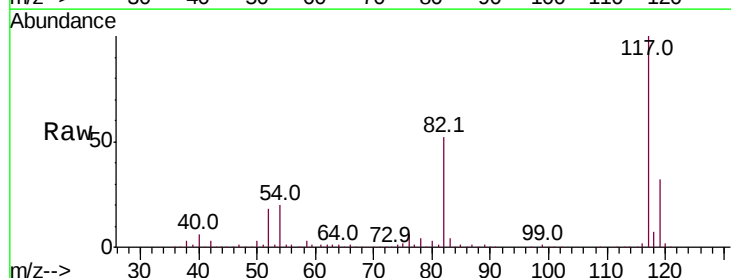
Tgt Ion: 117 Resp: 293824

Ion Ratio Lower Upper

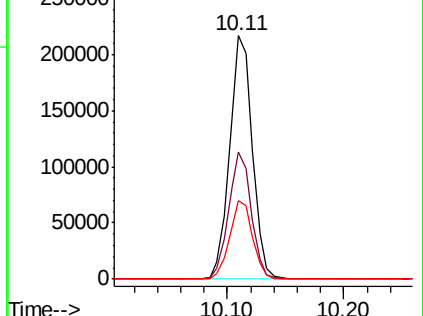
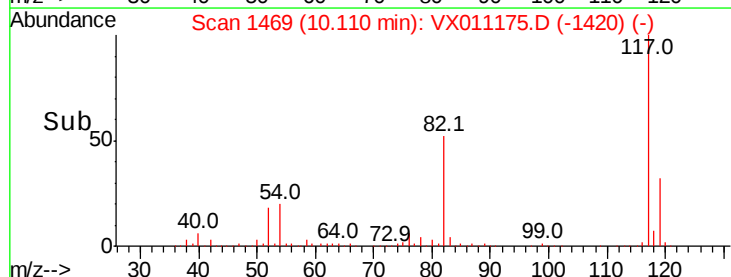
117 100

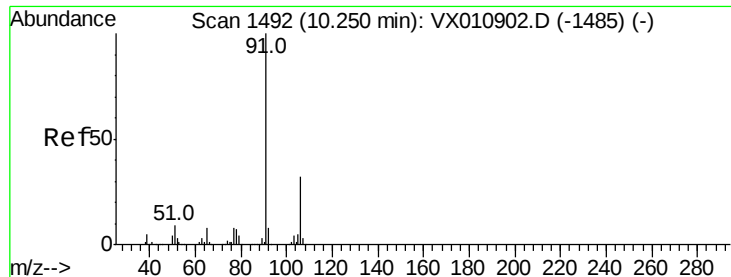
82 52.1 42.6 63.8

119 32.0 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011175.D (-1420) (-)





#67

Ethyl Benzene

Concen: 1.422 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampled :

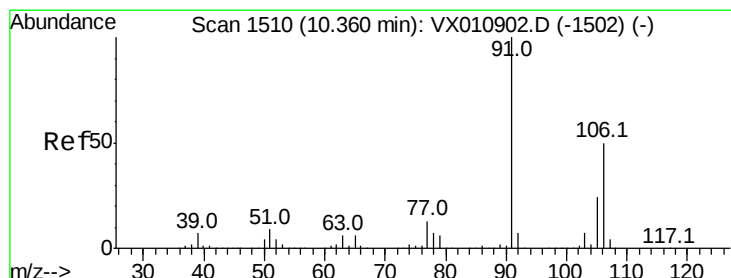
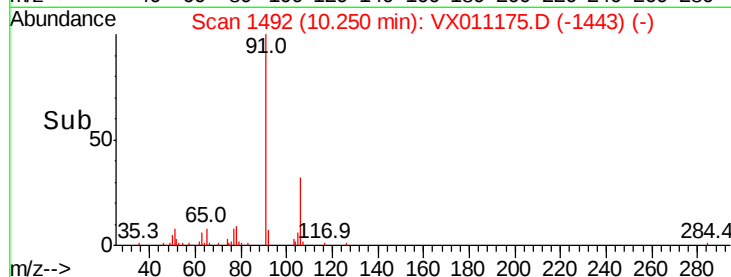
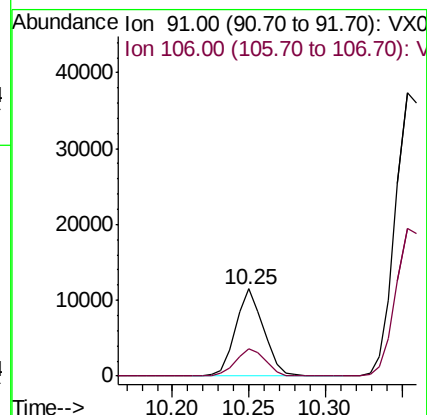
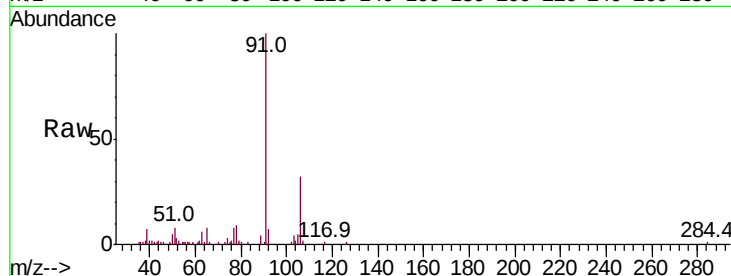
TP-8

Tot Ion: 91 Resp: 14602

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.2



#68

m/p-Xylenes

Concen: 7.005 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011175.D

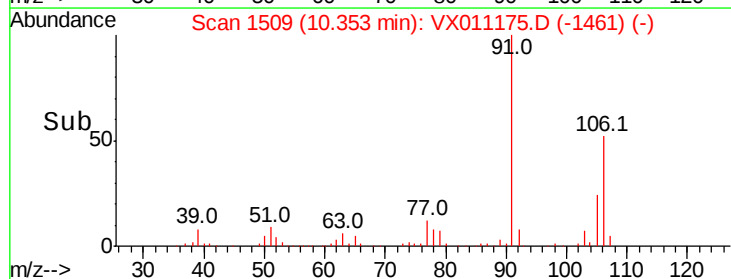
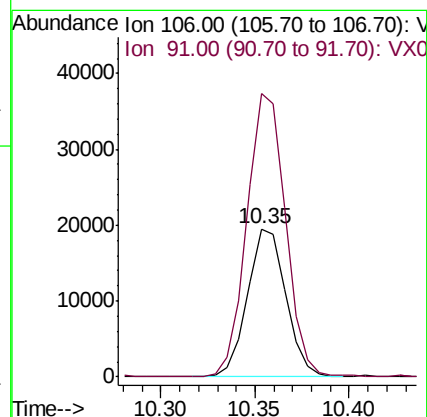
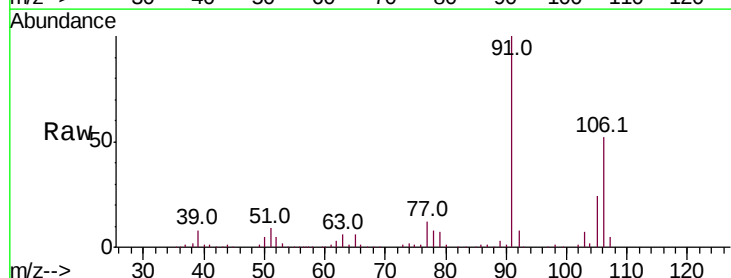
Acq: 30 Jul 2019 03:53

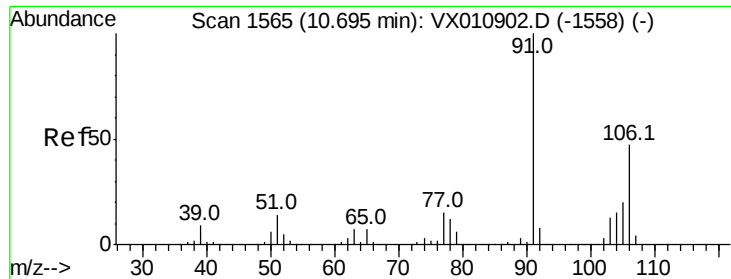
Tgt Ion: 106 Resp: 27603

Ion Ratio Lower Upper

106 100

91 193.4 160.1 240.1

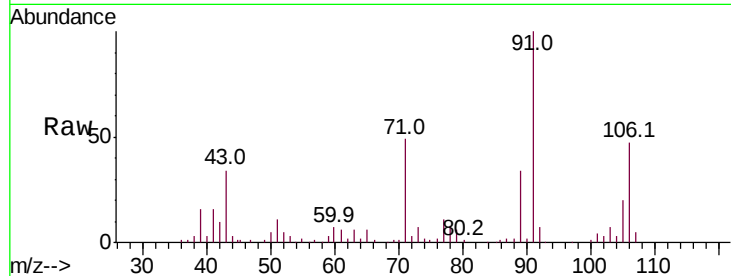




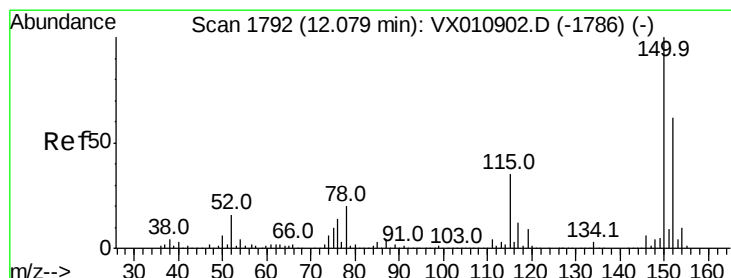
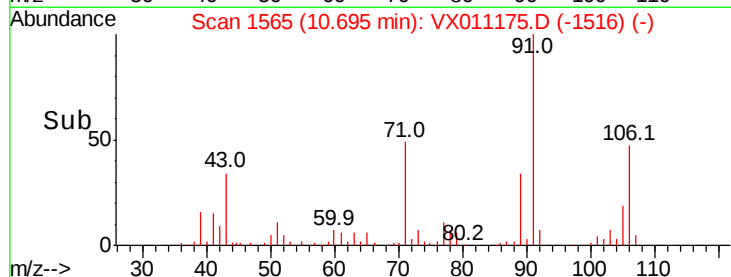
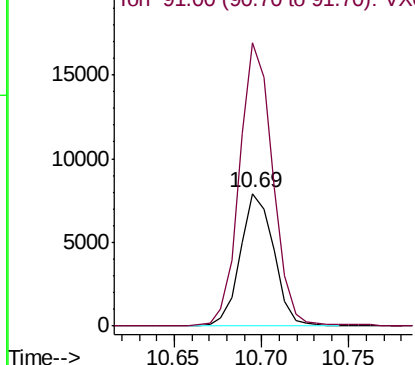
#69
o-Xylene
Concen: 2.742 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

Instrument :
MSVOA_X
ClientSampled :
TP-8

Tot Ion:106 Resp: 10545
Ion Ratio Lower Upper
106 100
91 213.2 105.1 315.3

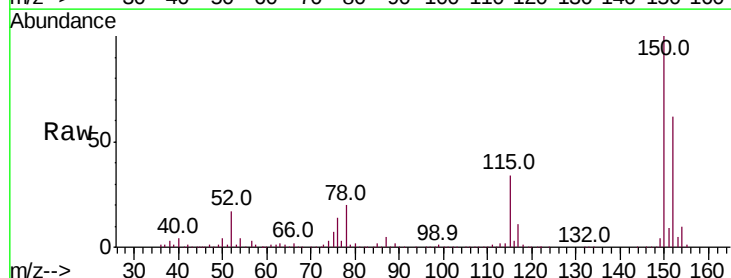


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

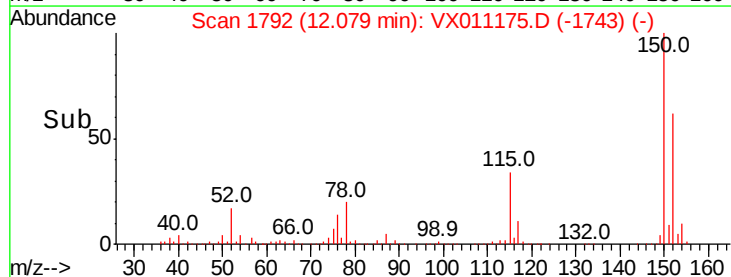
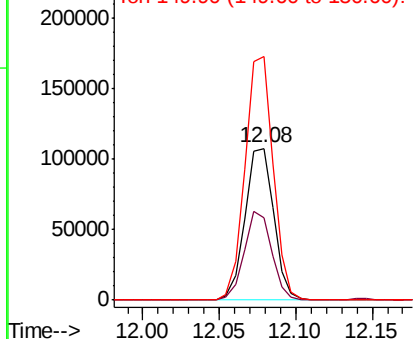


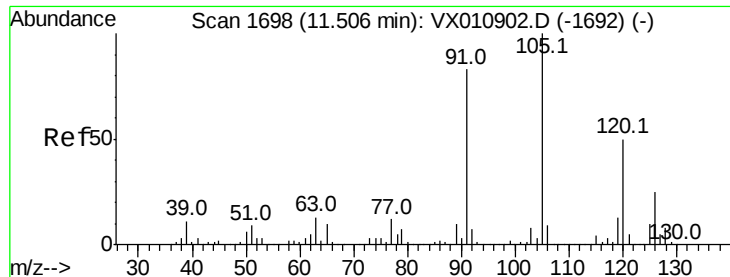
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

Tgt Ion:152 Resp: 139935
Ion Ratio Lower Upper
152 100
115 55.7 39.7 119.1
150 157.5 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





#80

1,3,5-Trimethylbenzene

Concen: 2.899 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampled :

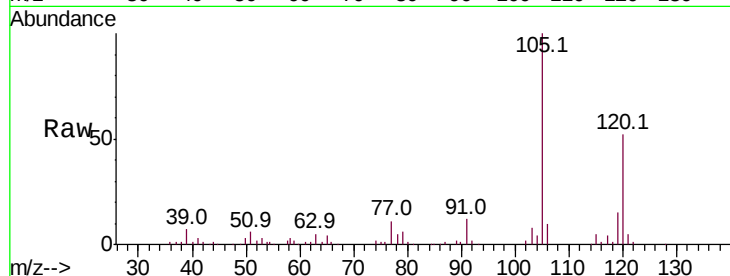
TP-8

Tot Ion:105 Resp: 22901

Ion Ratio Lower Upper

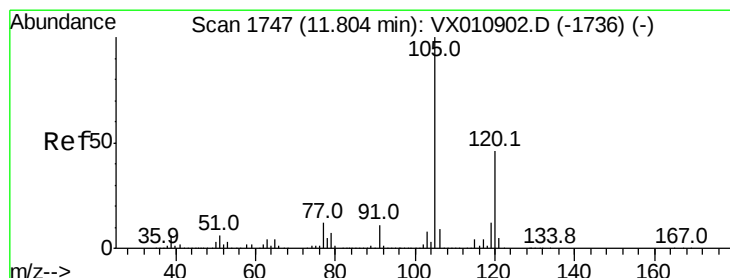
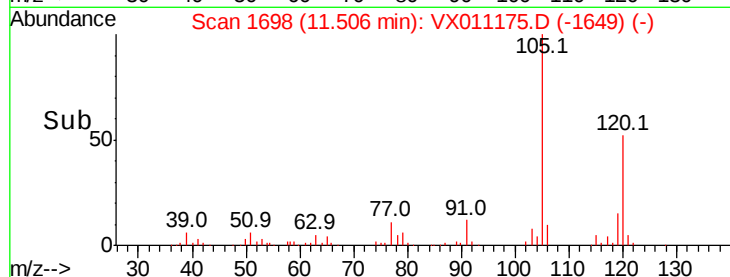
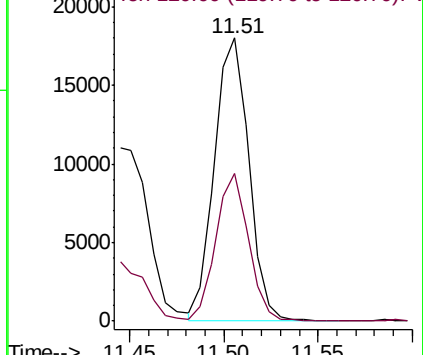
105 100

120 49.7 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 10.690 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011175.D

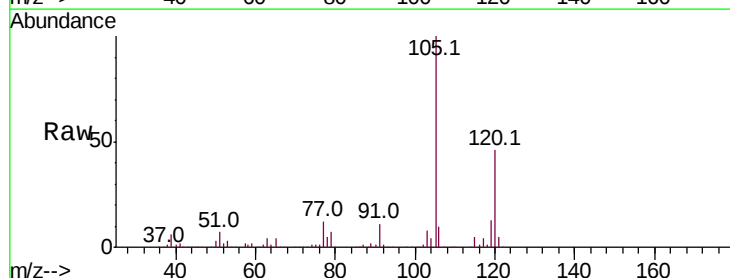
Acq: 30 Jul 2019 03:53

Tgt Ion:105 Resp: 85130

Ion Ratio Lower Upper

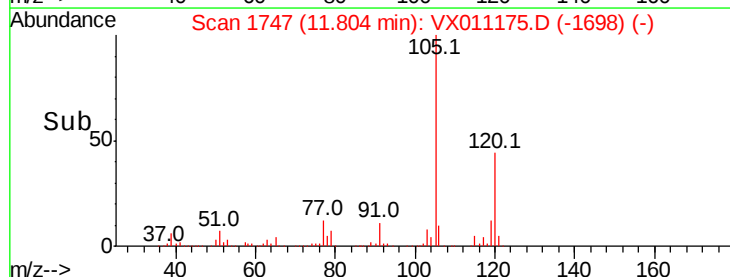
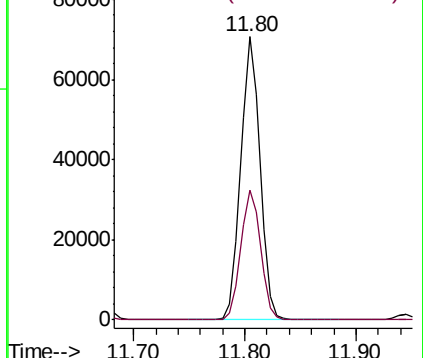
105 100

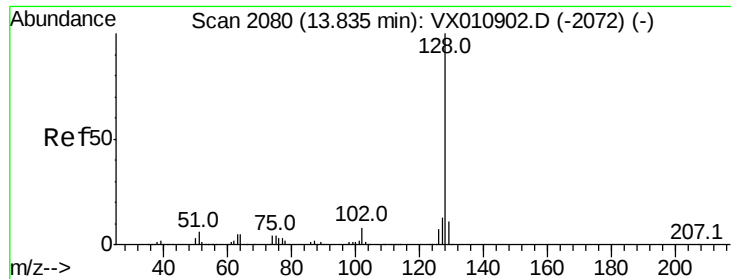
120 47.0 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 5.602 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

Instrument :
MSVOA_X
ClientSampleId :
TP-8

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.6	8.9	13.3

