

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019055.D
 Acq On : 23 Oct 2020 02:49
 Operator : JC/SP
 Sample : L4417-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10D

Quant Time: Oct 23 09:15:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	296457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	506759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	485133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	246081	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	177665	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
35) Dibromofluoromethane	5.47	113	157464	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
50) Toluene-d8	8.70	98	622617	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.12	95	227105	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	

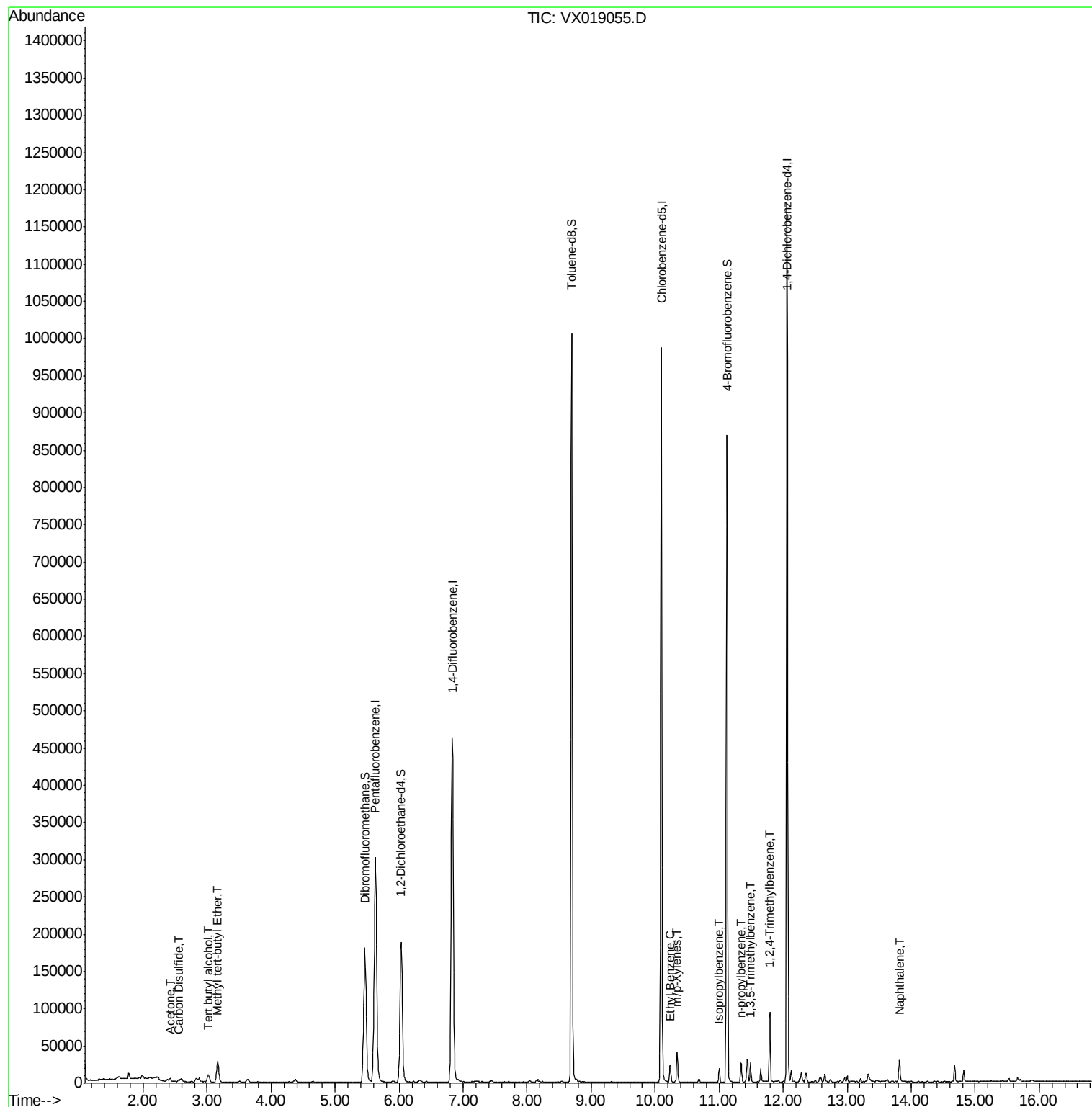
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	14591	20.288	ug/l	99
16) Acetone	2.42	43	4162	3.441	ug/l	97
17) Carbon Disulfide	2.55	76	4116	0.495	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	32175	3.520	ug/l #	90
67) Ethyl Benzene	10.24	91	13611	0.776	ug/l	99
68) m/p-Xylenes	10.34	106	10554	1.571	ug/l	96
73) Isopropylbenzene	11.00	105	9609	0.543	ug/l	98
78) n-propylbenzene	11.34	91	16984	0.847	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	11918	0.815	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	42814	2.925	ug/l	100
95) Naphthalene	13.82	128	22431	1.274	ug/l	99

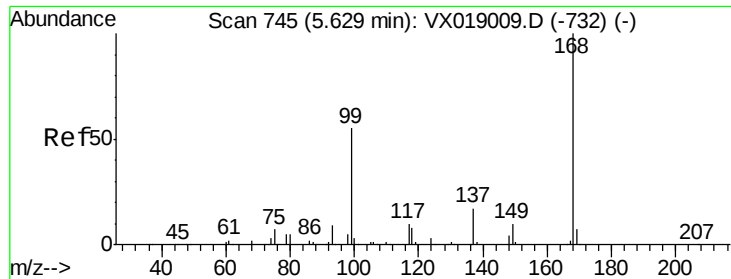
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102220\
Data File : VX019055.D
Acq On : 23 Oct 2020 02:49
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MW-10D

Quant Time: Oct 23 09:15:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019055.D

Acq: 23 Oct 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

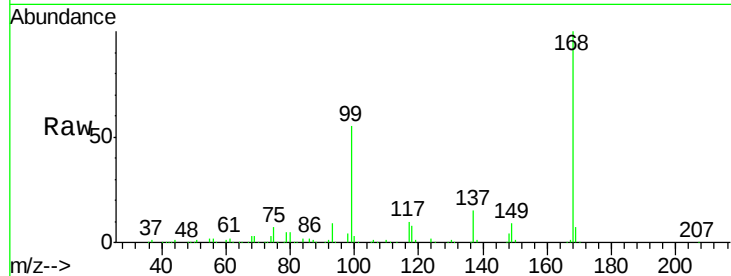
MW-10D

Tot Ion:168 Resp: 296457

Ion Ratio Lower Upper

168 100

99 54.7 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

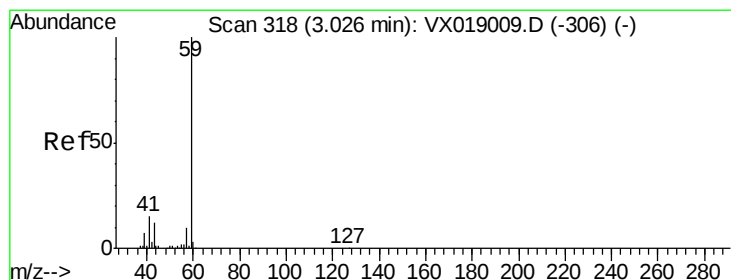
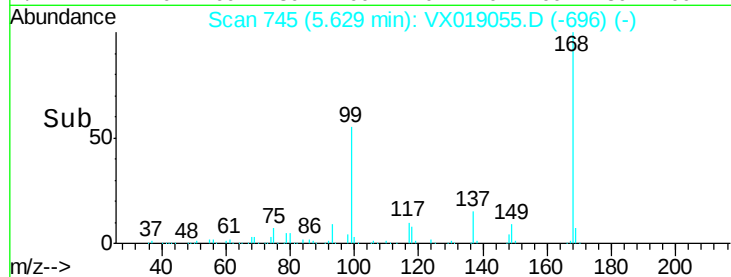
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 20.288 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX019055.D

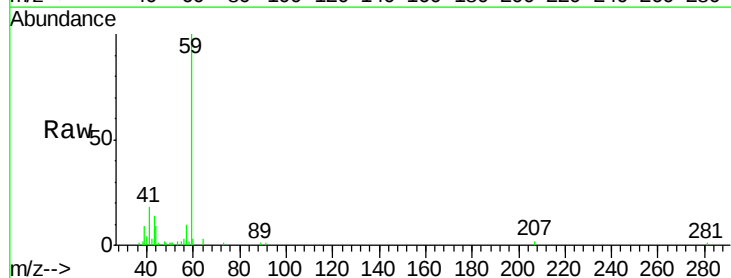
Acq: 23 Oct 2020 02:49

Tgt Ion: 59 Resp: 14591

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

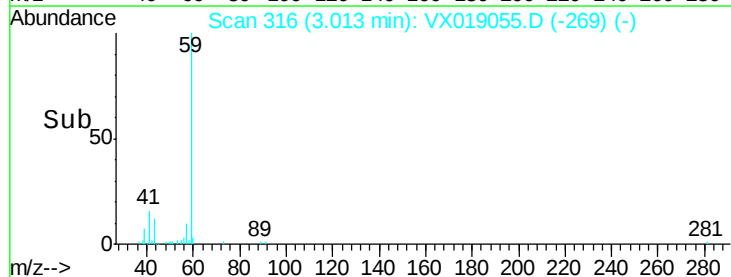
6000

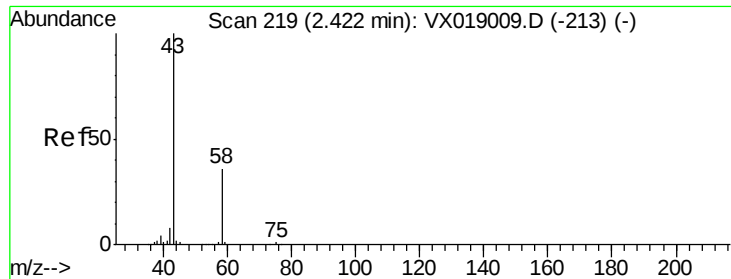
4000

2000

0

Time-->

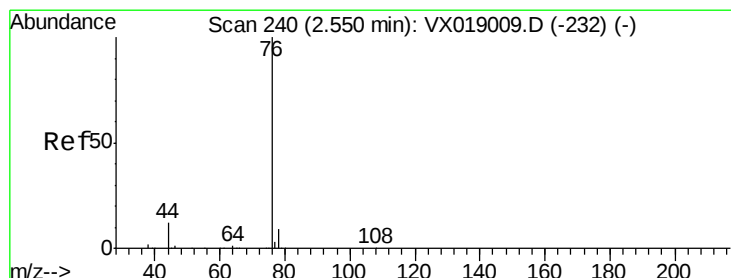
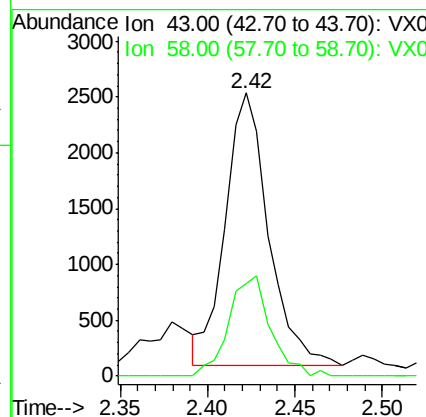
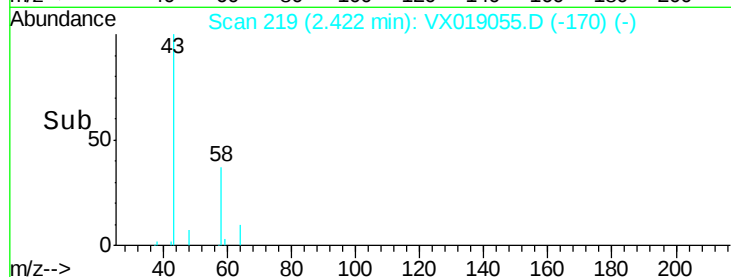
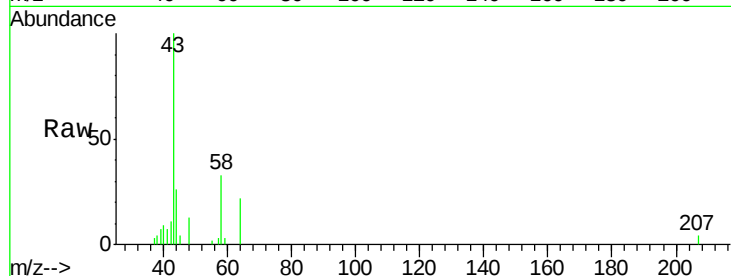




#16
Acetone
Concen: 3.441 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

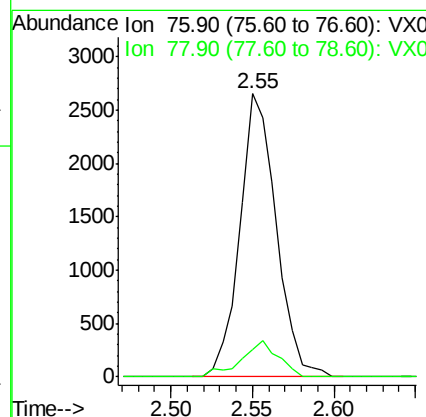
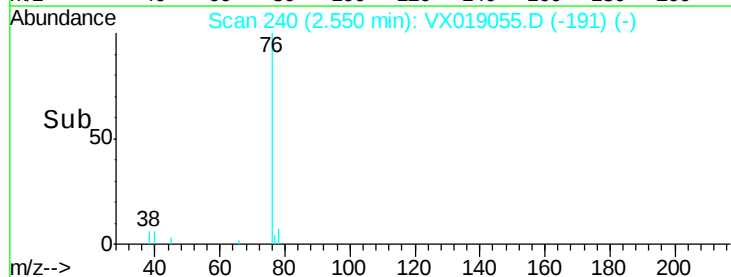
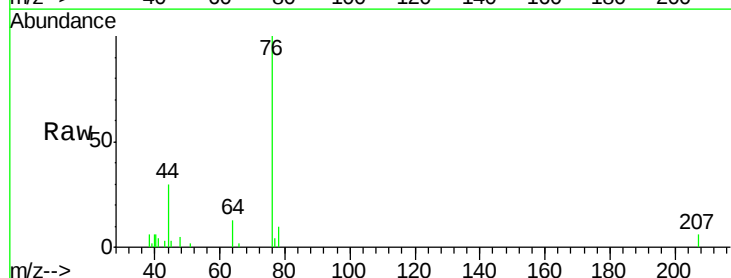
Instrument :
MSVOA_X
ClientSampled :
MW-10D

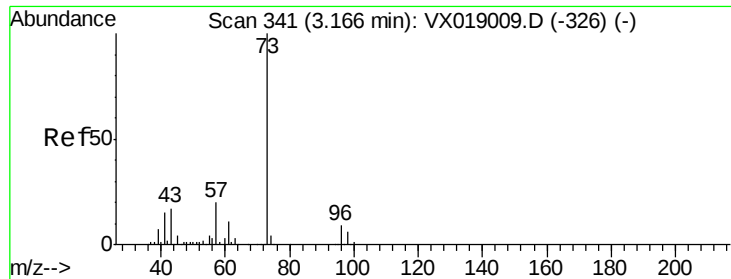
Tot Ion: 43 Resp: 4162
Ion Ratio Lower Upper
43 100
58 34.0 28.6 42.8



#17
Carbon Disulfide
Concen: 0.495 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion: 76 Resp: 4116
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

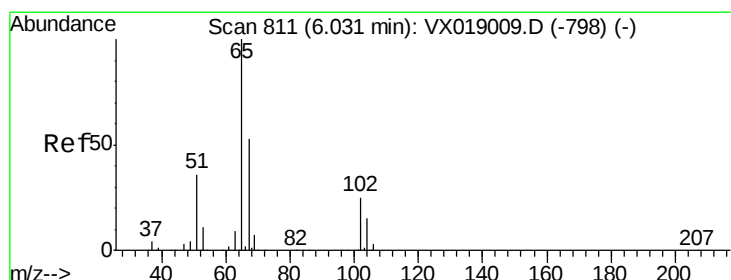
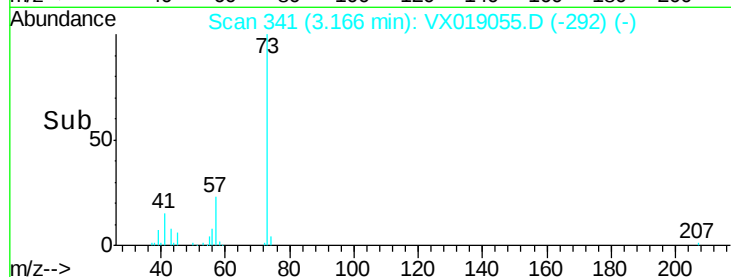
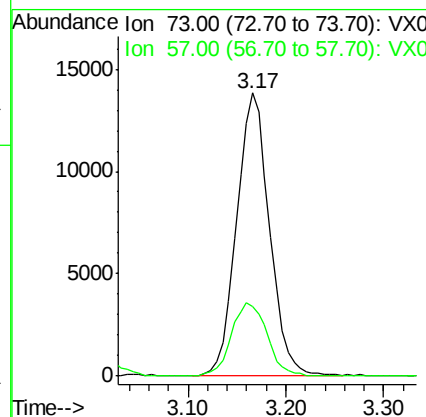
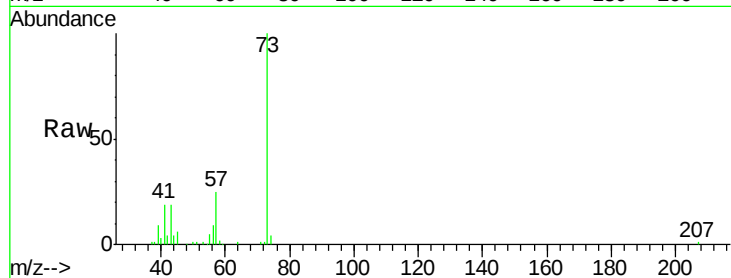




#19
Methvl tert-butvl Ether
Concen: 3.520 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

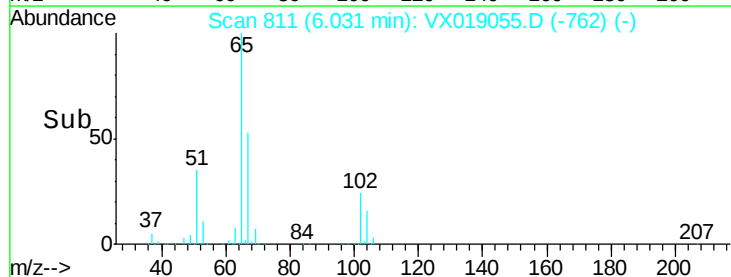
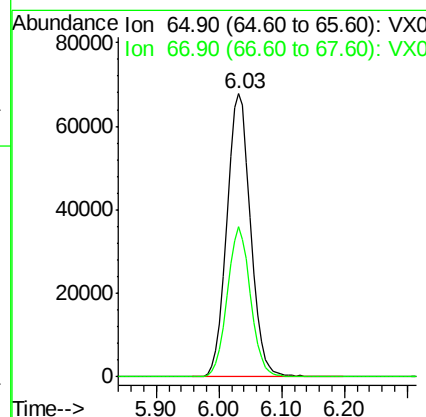
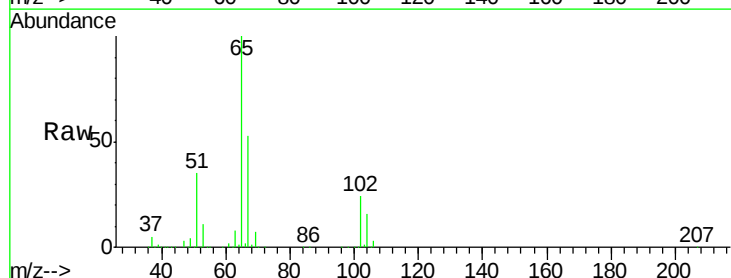
Instrument :
MSVOA_X
ClientSampled :
MW-10D

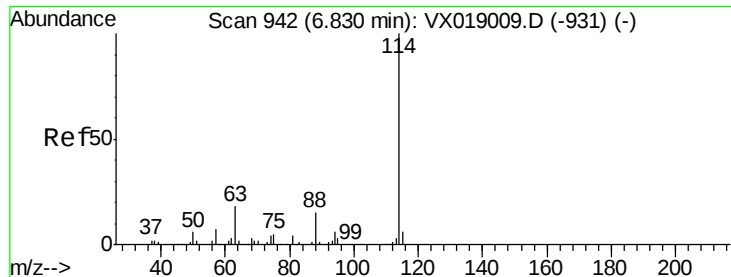
Tot Ion: 73 Resp: 32175
Ion Ratio Lower Upper
73 100
57 24.7 16.2 24.2#



#33
1,2-Dichloroethane-d4
Concen: 50.031 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion: 65 Resp: 177665
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019055.D

Acq: 23 Oct 2020 02:49

Instrument :

MSVOA_X

ClientSampled :

MW-10D

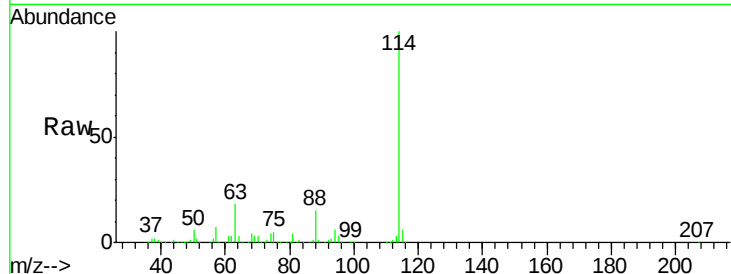
Tot Ion:114 Resp: 506759

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

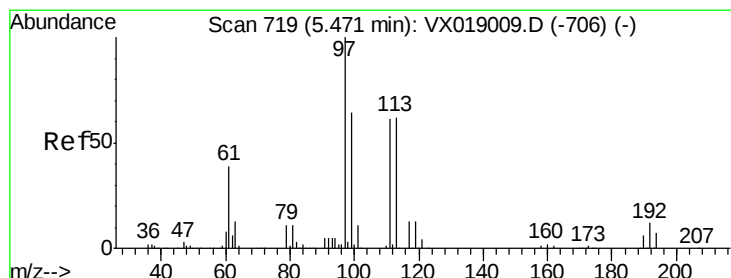
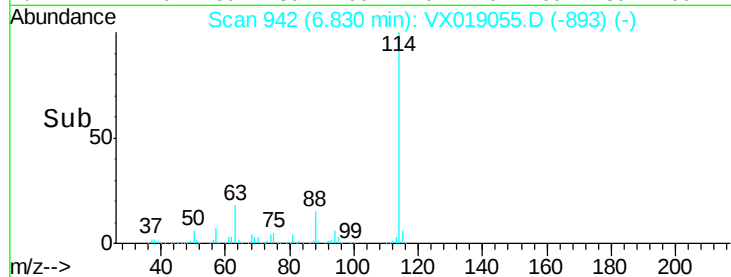
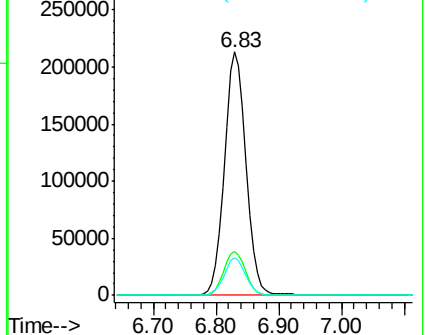
88 15.3 0.0 30.2



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: 49.078 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX019055.D

Acq: 23 Oct 2020 02:49

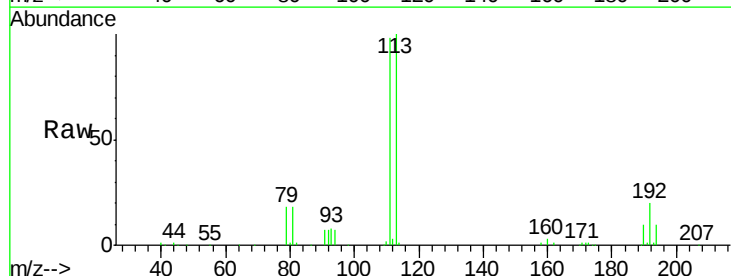
Tgt Ion:113 Resp: 157464

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

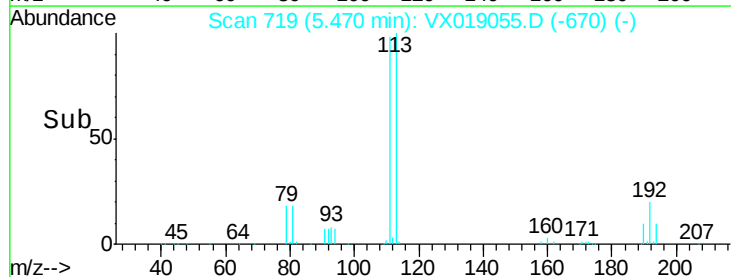
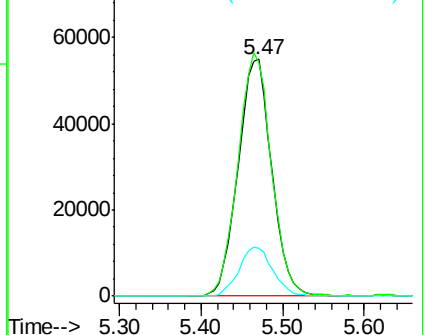
192 20.6 16.3 24.5

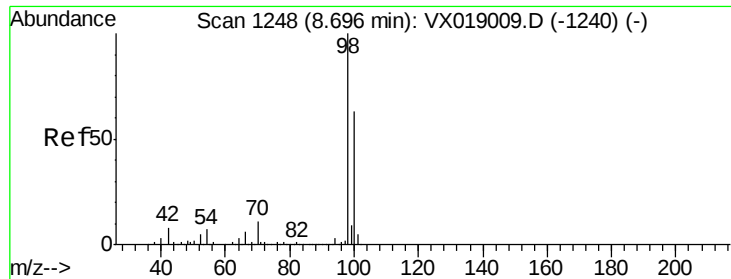


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.853 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019055.D

Acq: 23 Oct 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

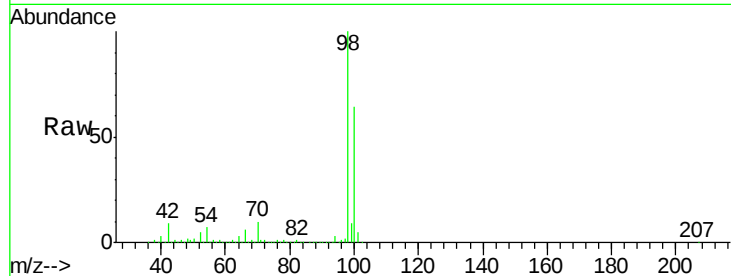
MW-10D

Tot Ion: 98 Resp: 622617

Ion Ratio Lower Upper

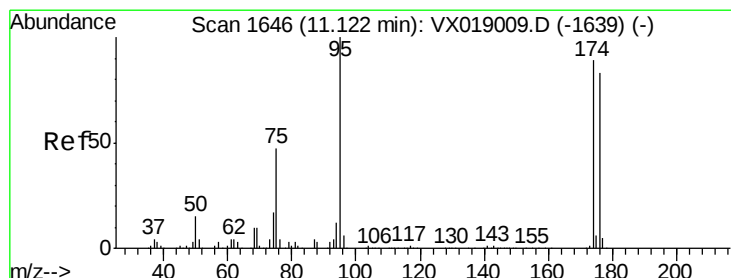
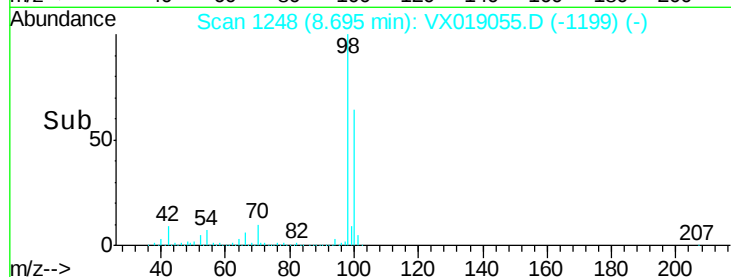
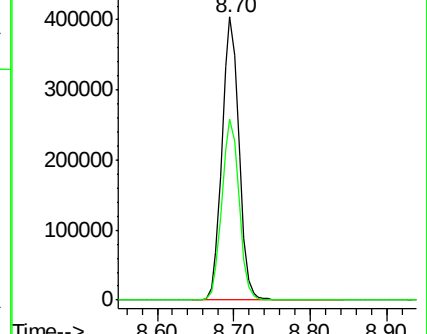
98 100

100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 52.147 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019055.D

Acq: 23 Oct 2020 02:49

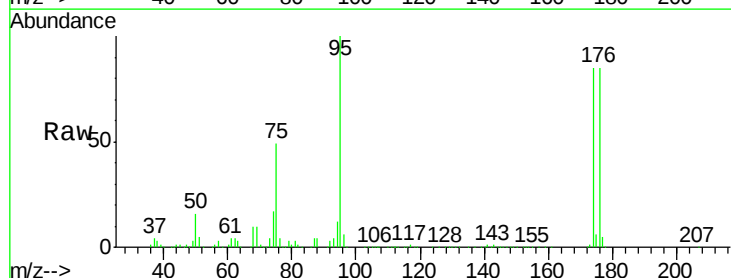
Tgt Ion: 95 Resp: 227105

Ion Ratio Lower Upper

95 100

174 84.3 0.0 167.6

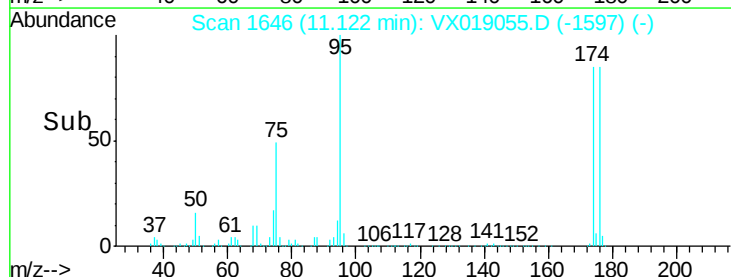
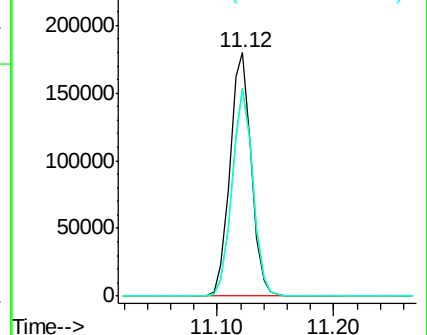
176 82.9 0.0 165.2

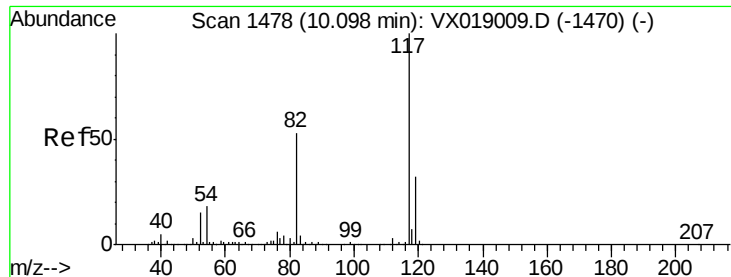


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

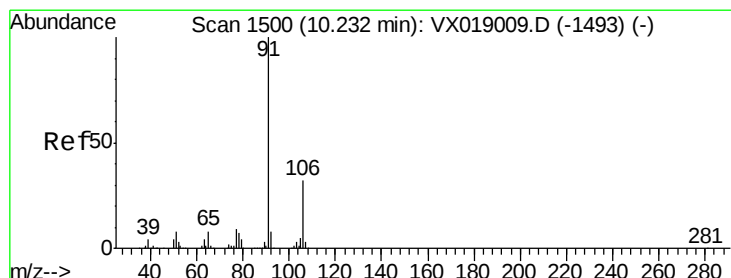
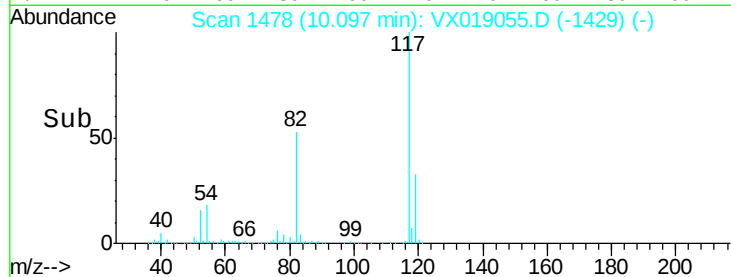
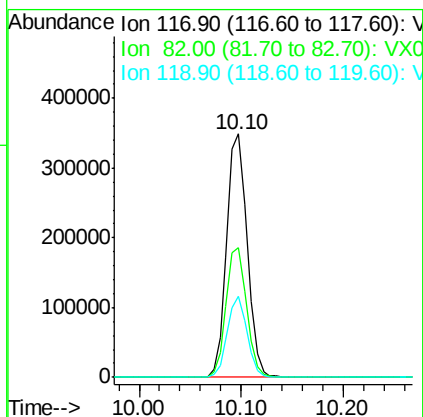
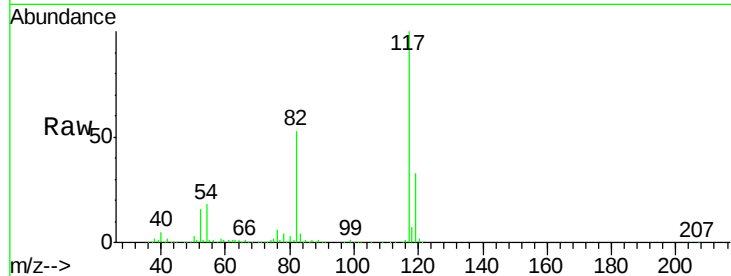




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

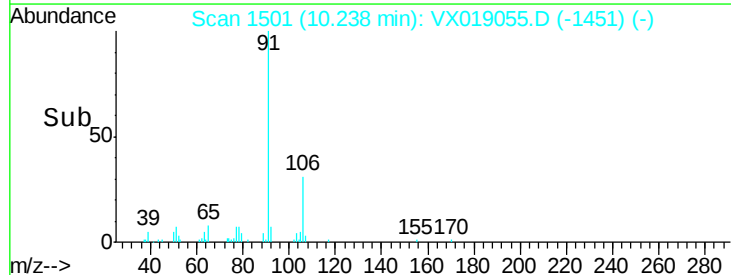
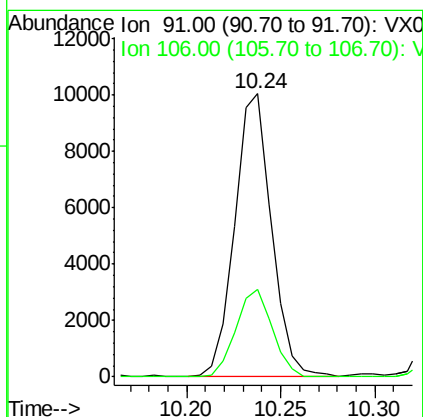
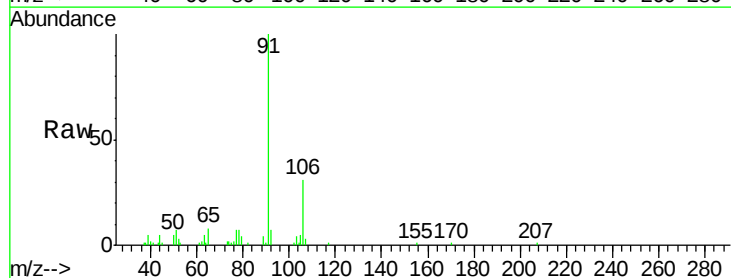
Instrument :
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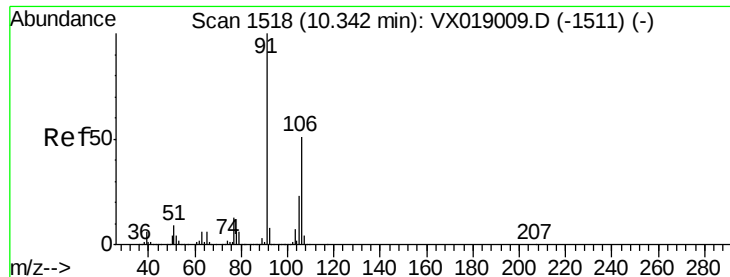
Tot Ion:117 Resp: 485133
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 33.2 25.6 38.4



#67
Ethyl Benzene
Concen: 0.776 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Tgt Ion: 91 Resp: 13611
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9





#68

m/p-Xvlenes

Concen: 1.571 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019055.D

Acq: 23 Oct 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

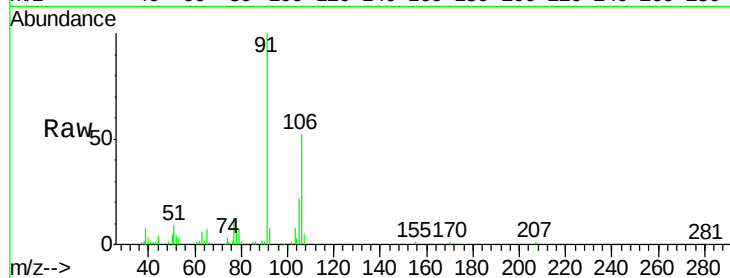
MW-10D

Tot Ion:106 Resp: 10554

Ion Ratio Lower Upper

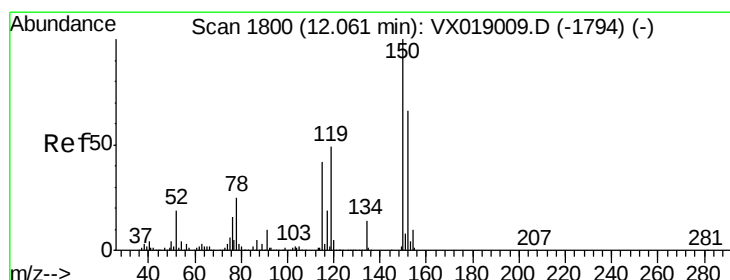
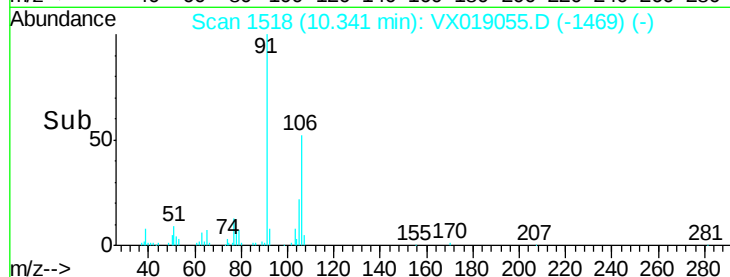
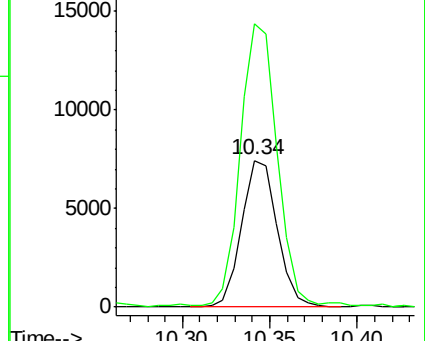
106 100

91 202.0 156.9 235.3



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019055.D

Acq: 23 Oct 2020 02:49

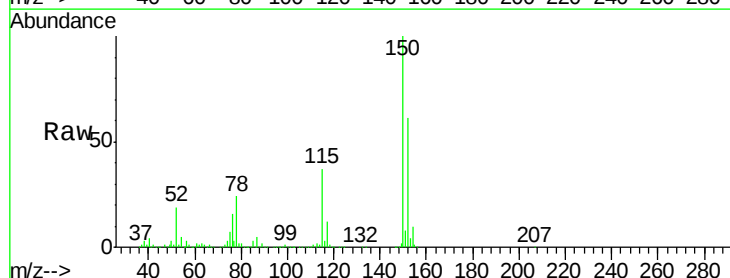
Tgt Ion:152 Resp: 246081

Ion Ratio Lower Upper

152 100

115 58.5 40.8 122.5

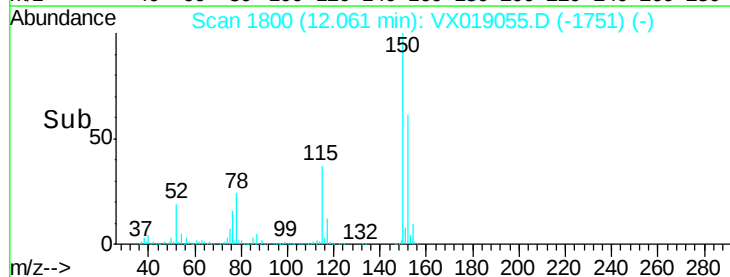
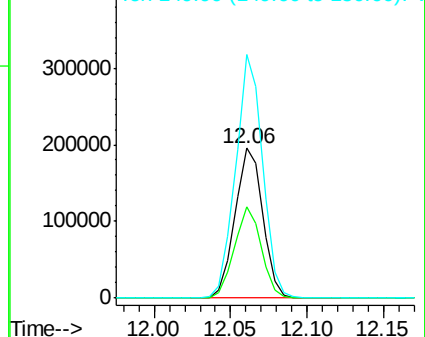
150 157.6 0.0 345.6

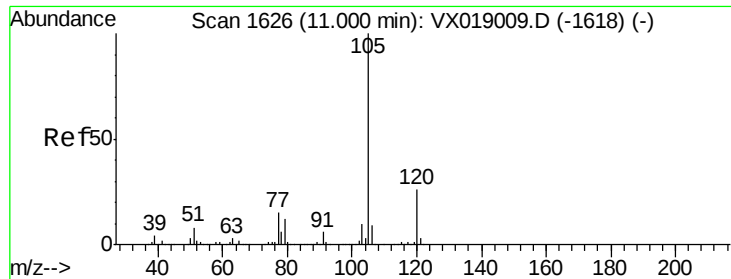


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.543 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019055.D

Acq: 23 Oct 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

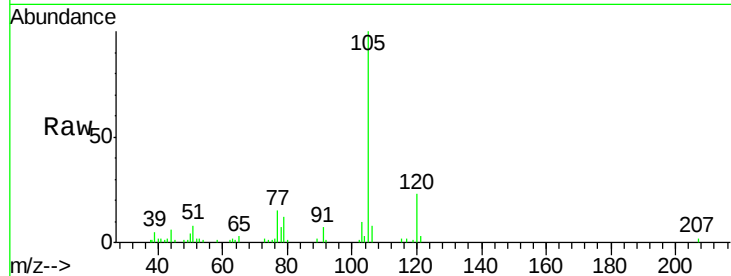
MW-10D

Tot Ion:105 Resp: 9609

Ion Ratio Lower Upper

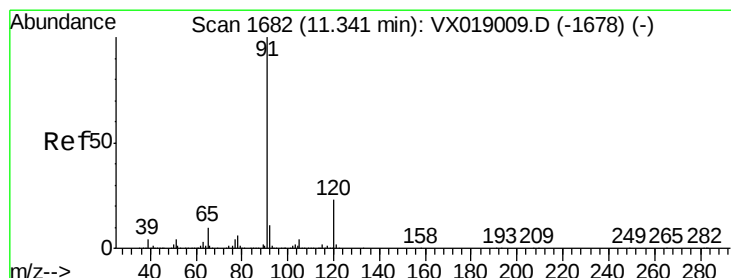
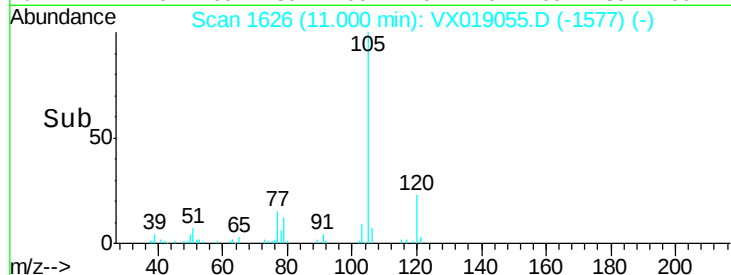
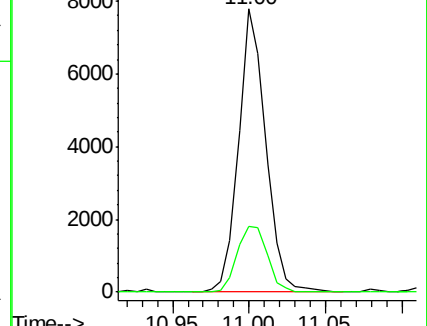
105 100

120 25.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.847 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019055.D

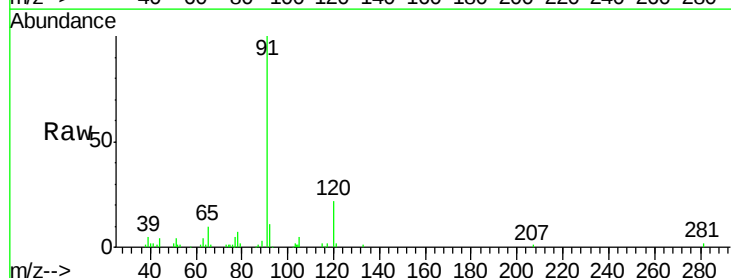
Acq: 23 Oct 2020 02:49

Tgt Ion: 91 Resp: 16984

Ion Ratio Lower Upper

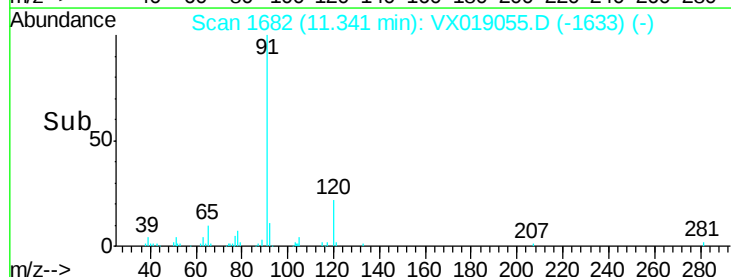
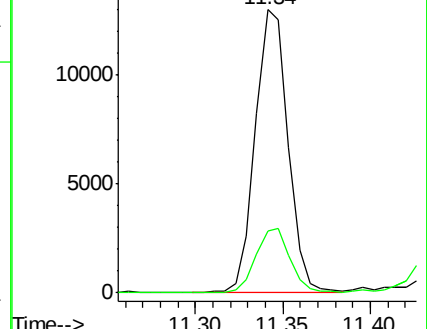
91 100

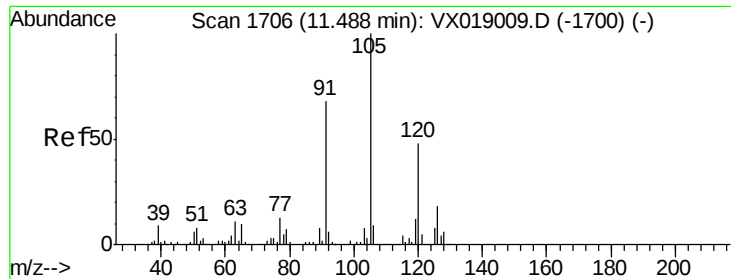
120 23.7 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

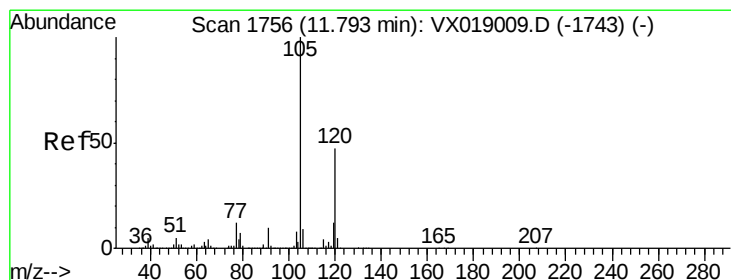
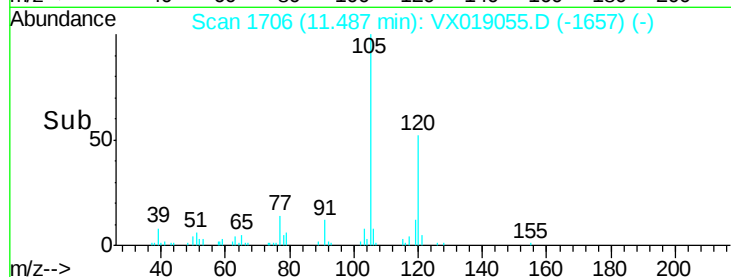
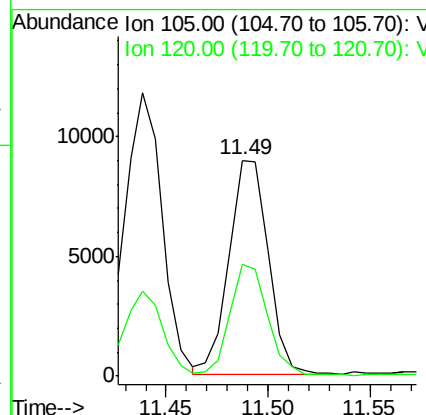
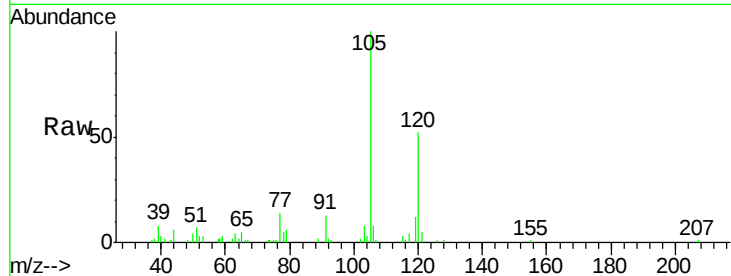




#80
 1,3,5-Trimethylbenzene
 Concen: 0.815 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019055.D
 Acq: 23 Oct 2020 02:49

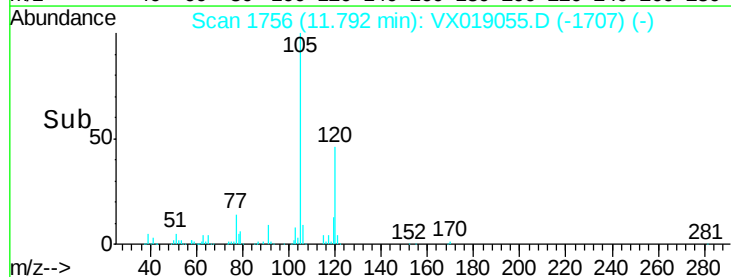
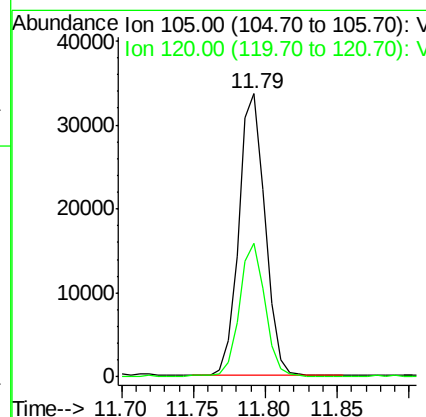
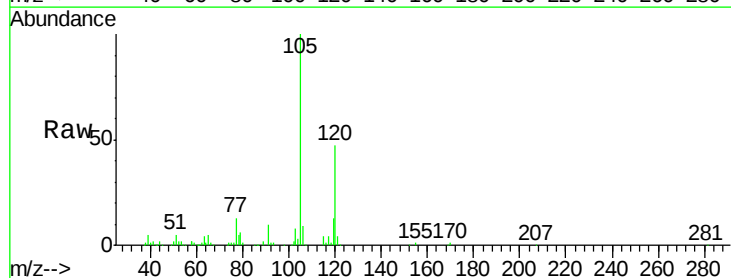
Instrument :
 MSVOA_X
 ClientSampled :
 MW-10D

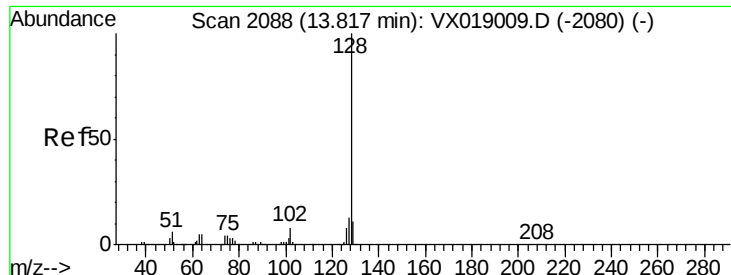
Tot Ion:105 Resp: 11918
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.2 75.6



#84
 1,2,4-Trimethylbenzene
 Concen: 2.925 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019055.D
 Acq: 23 Oct 2020 02:49

Tgt Ion:105 Resp: 42814
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8





#95
Naphthalene
Concen: 1.274 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019055.D
Acq: 23 Oct 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10D

Tot Ion:128 Resp: 22431
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.2 8.7 13.1

