

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016994.D
 Acq On : 26 Jun 2020 19:17
 Operator : JC/SP
 Sample : L3020-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: Jun 29 06:56:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	238863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	424451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221114	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	179097	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
35) Dibromofluoromethane	5.46	113	142548	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	8.70	98	527382	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.12	95	218842	55.07	ug/l	0.00
Spiked Amount			Recovery	=	110.14%	

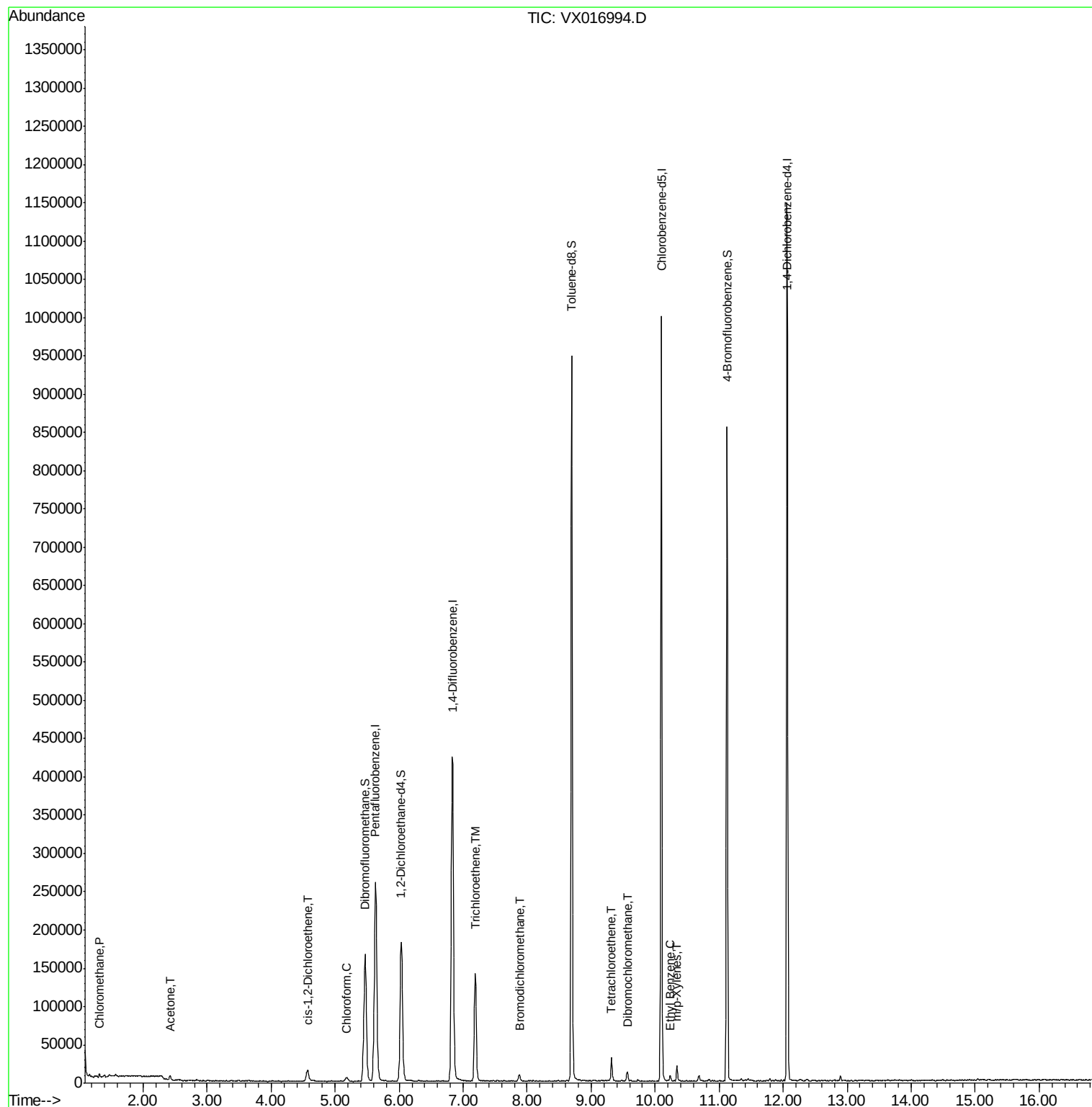
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	3036	1.037	ug/l	98
16) Acetone	2.42	43	6306	4.472	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	9323	2.820	ug/l	84
30) Chloroform	5.18	83	5747	1.056	ug/l	97
44) Trichloroethene	7.19	130	52084	16.166	ug/l	99
47) Bromodichloromethane	7.87	83	5291	1.151	ug/l	91
60) Dibromochloromethane	9.57	129	4399	1.259	ug/l	98
64) Tetrachloroethene	9.32	164	5441	1.854	ug/l	93
67) Ethyl Benzene	10.24	91	3335	0.214	ug/l	97
68) m/p-Xylenes	10.34	106	4630	0.801	ug/l	99

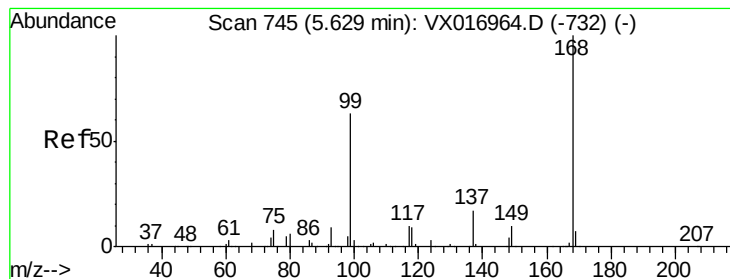
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX016994.D
Acq On : 26 Jun 2020 19:17
Operator : JC/SP
Sample : L3020-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Quant Time: Jun 29 06:56:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016994.D

Acq: 26 Jun 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

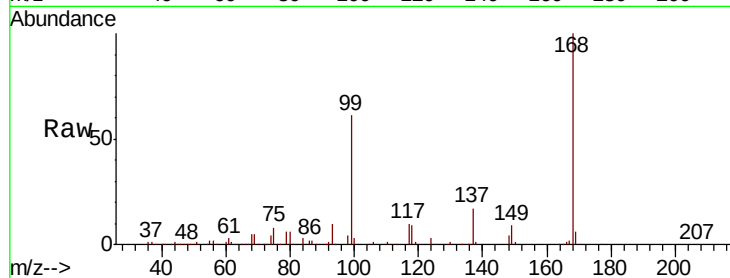
MW-26

Tot Ion:168 Resp: 238863

Ion Ratio Lower Upper

168 100

99 61.3 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

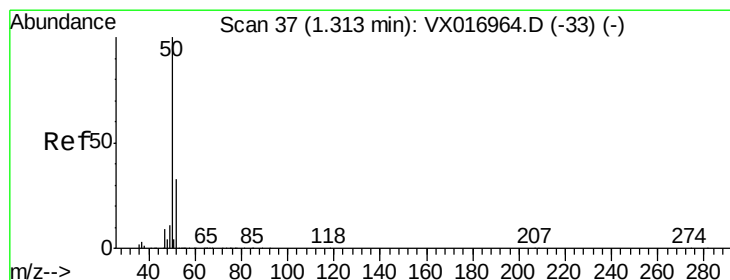
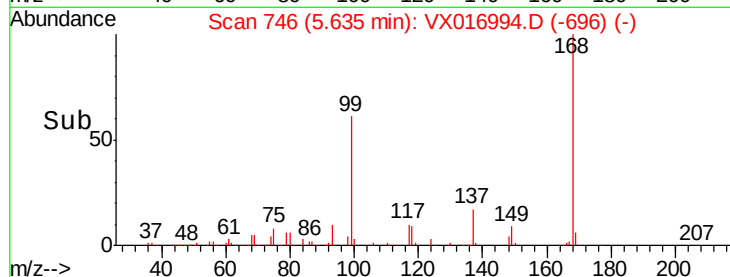
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 1.037 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016994.D

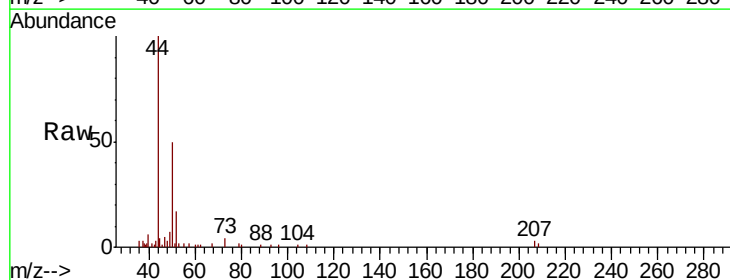
Acq: 26 Jun 2020 19:17

Tgt Ion: 50 Resp: 3036

Ion Ratio Lower Upper

50 100

52 34.6 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

3000

2500

2000

1500

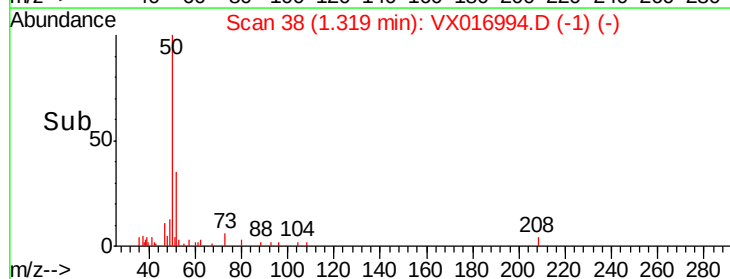
1000

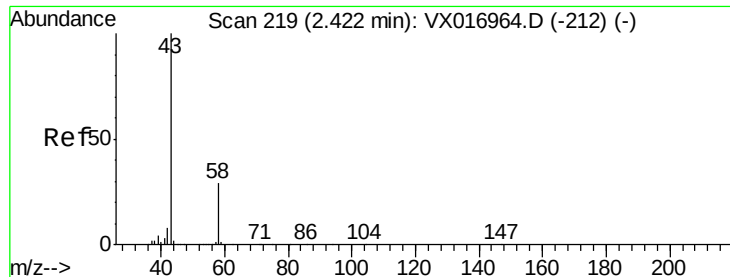
500

0

1.25 1.30 1.35

Time-->





#16

Acetone

Concen: 4.472 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016994.D

Acq: 26 Jun 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

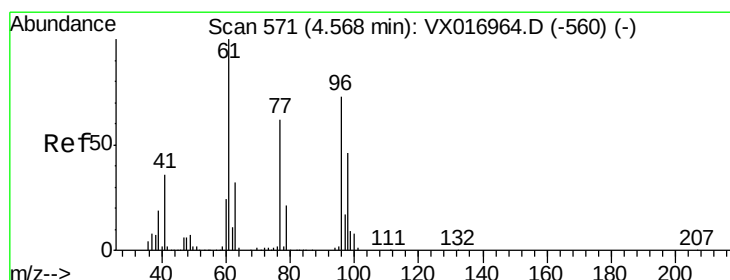
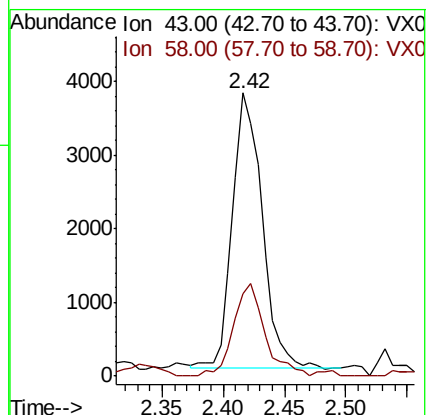
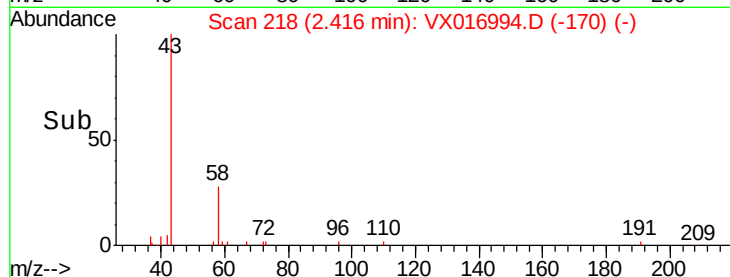
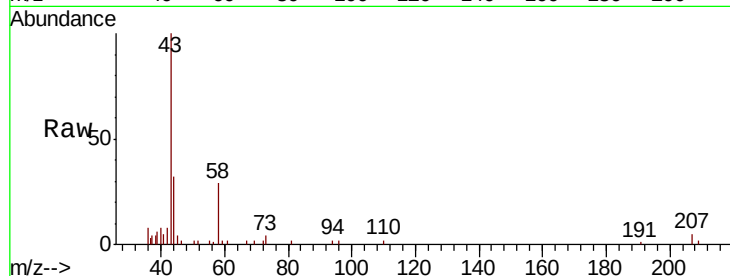
MW-26

Tot Ion: 43 Resp: 6306

Ion Ratio Lower Upper

43 100

58 29.8 23.5 35.3



#27

cis-1,2-Dichloroethene

Concen: 2.820 ug/l

RT: 4.57 min Scan# 572

Delta R.T. 0.01 min

Lab File: VX016994.D

Acq: 26 Jun 2020 19:17

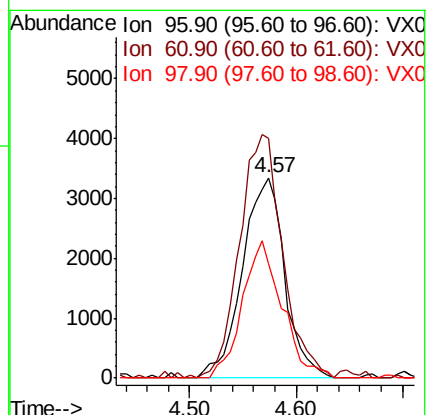
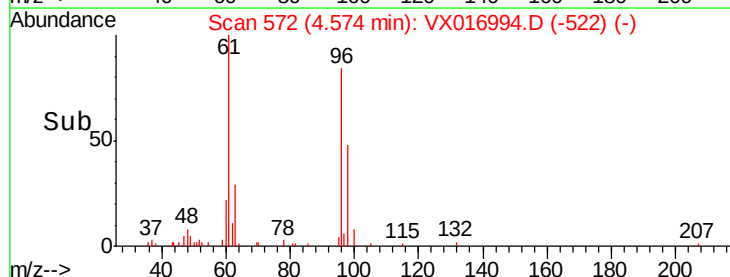
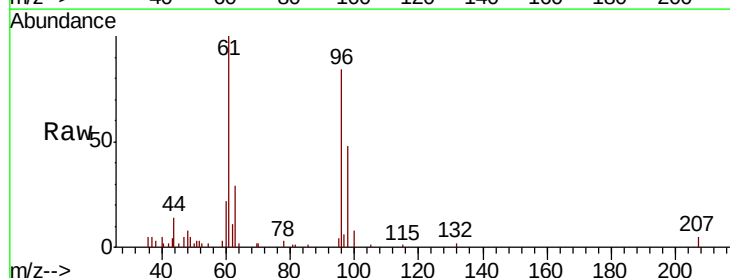
Tgt Ion: 96 Resp: 9323

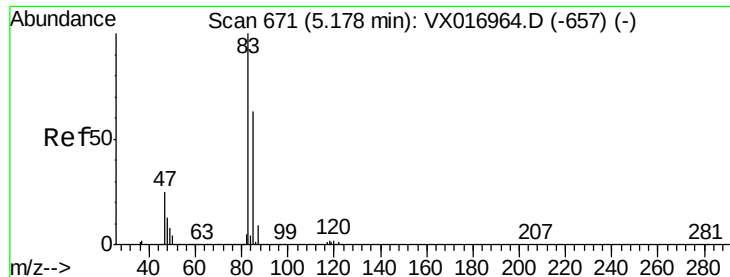
Ion Ratio Lower Upper

96 100

61 123.9 0.0 307.2

98 64.4 0.0 128.4





#30

Chloroform

Concen: 1.056 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016994.D

Acq: 26 Jun 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

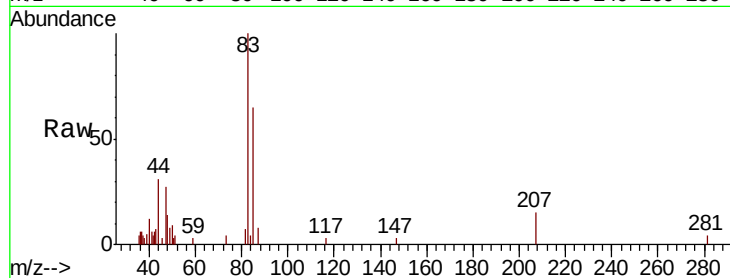
MW-26

Tot Ion: 83 Resp: 5747

Ion Ratio Lower Upper

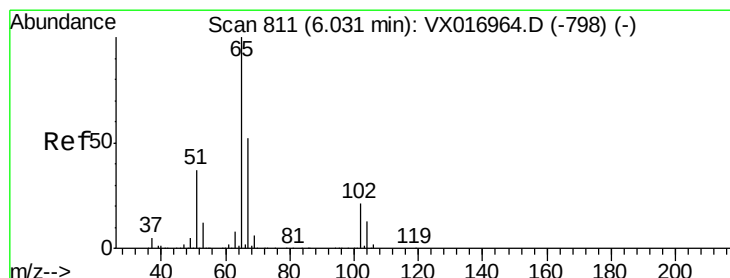
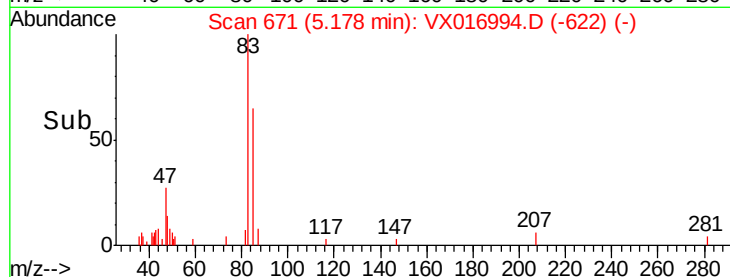
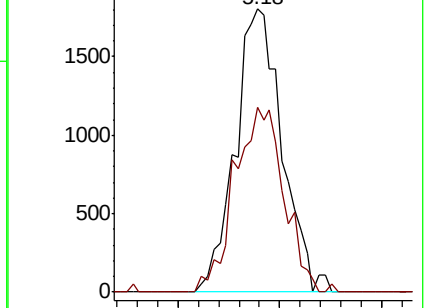
83 100

85 65.4 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.651 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016994.D

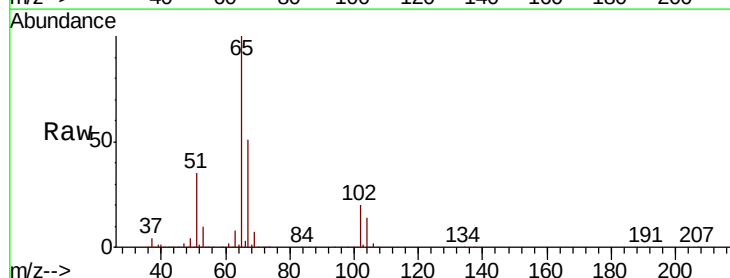
Acq: 26 Jun 2020 19:17

Tgt Ion: 65 Resp: 179097

Ion Ratio Lower Upper

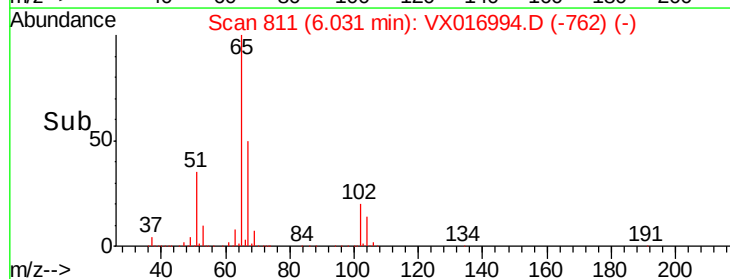
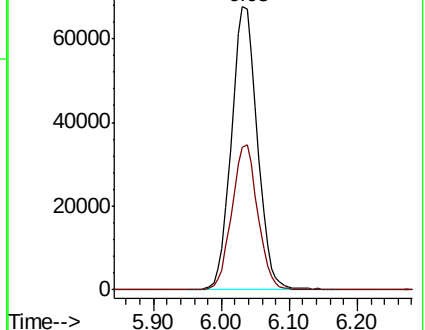
65 100

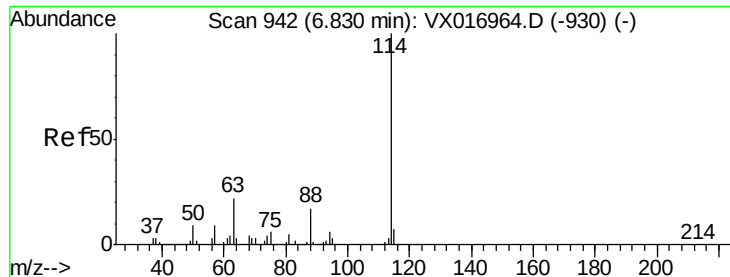
67 51.3 0.0 102.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016994.D

Acq: 26 Jun 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

MW-26

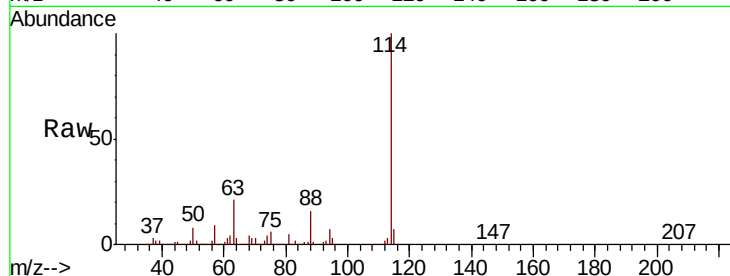
Tot Ion:114 Resp: 424451

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.4

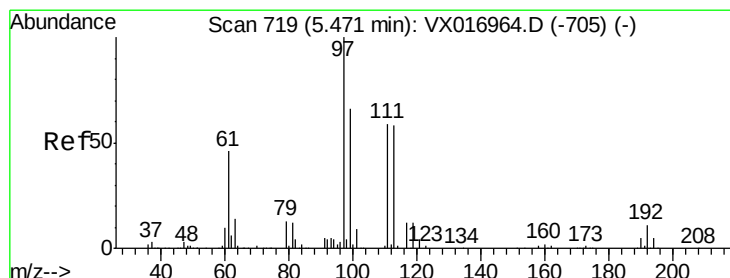
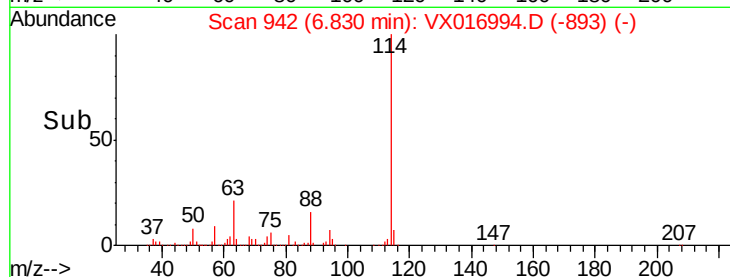
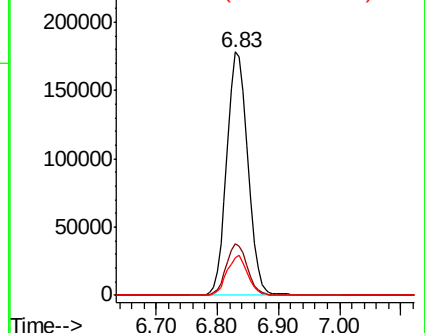
88 15.6 0.0 33.2



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: 50.848 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016994.D

Acq: 26 Jun 2020 19:17

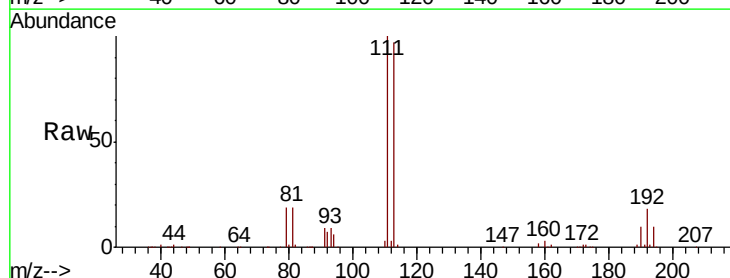
Tgt Ion:113 Resp: 142548

Ion Ratio Lower Upper

113 100

111 102.9 84.3 126.5

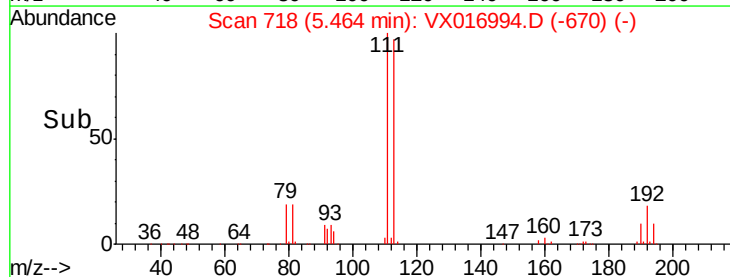
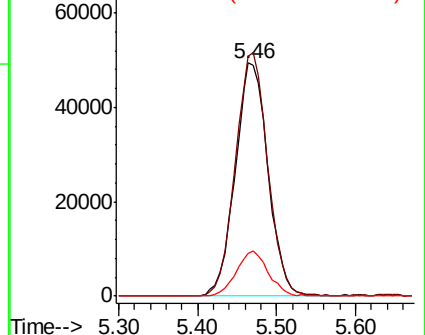
192 18.8 15.2 22.8

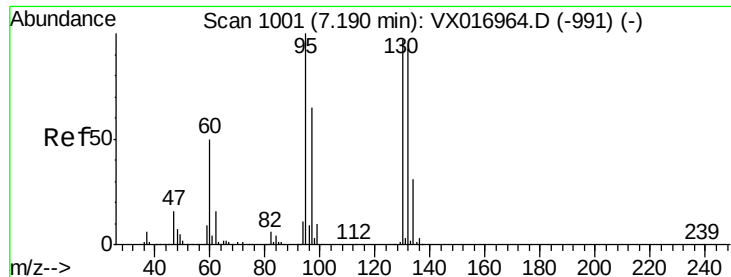


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 16.166 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016994.D

Acq: 26 Jun 2020 19:17

Instrument :

MSVOA_X

ClientSampled :

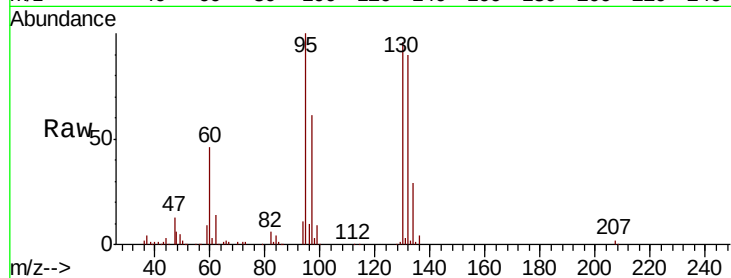
MW-26

Tot Ion:130 Resp: 52084

Ion Ratio Lower Upper

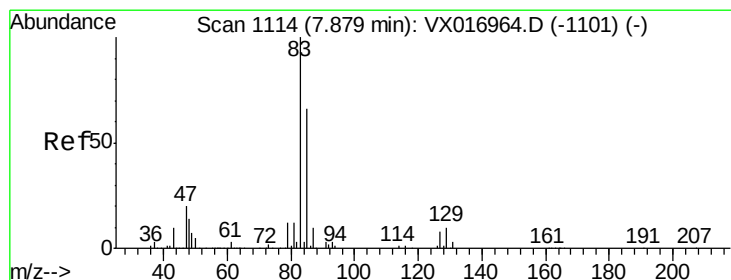
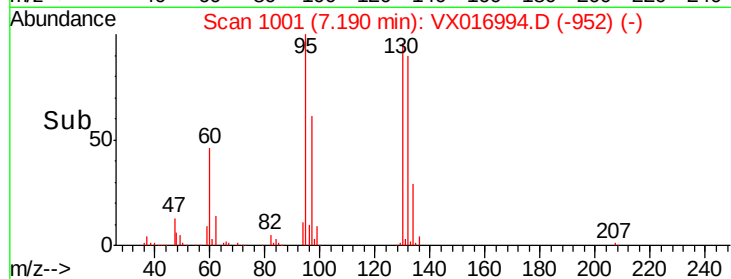
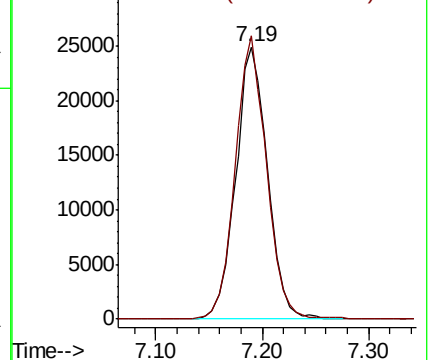
130 100

95 103.8 0.0 206.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#47

Bromodichloromethane

Concen: 1.151 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016994.D

Acq: 26 Jun 2020 19:17

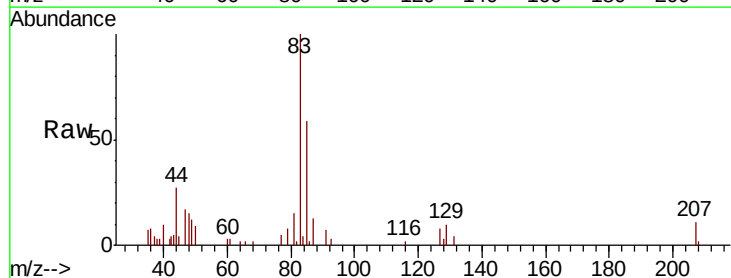
Tgt Ion: 83 Resp: 5291

Ion Ratio Lower Upper

83 100

85 58.6 53.1 79.7

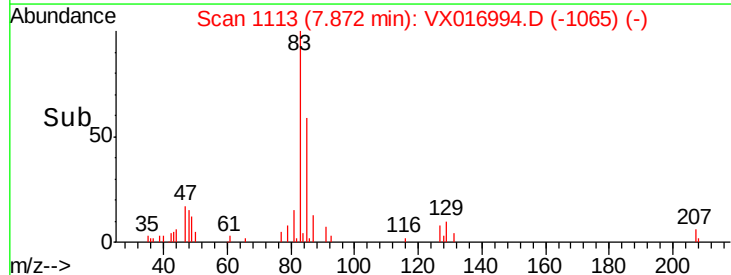
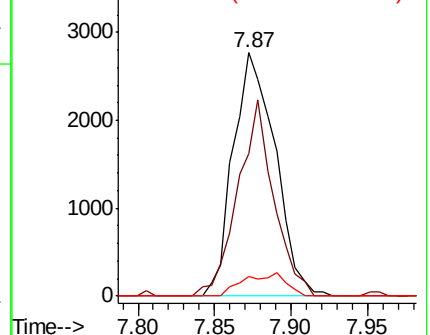
127 7.9 6.8 10.2

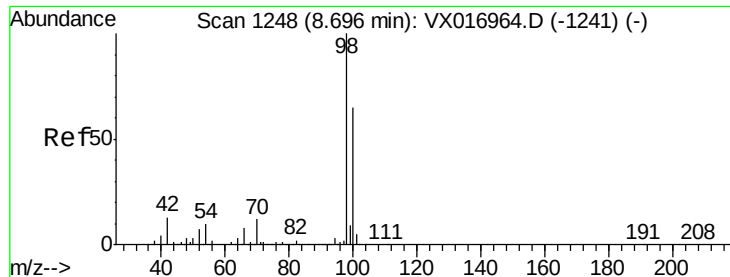


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 51.321 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016994.D

Acq: 26 Jun 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

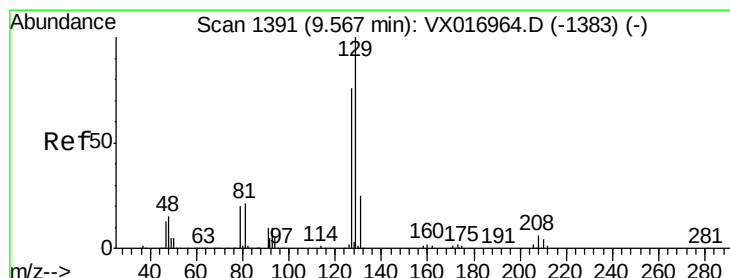
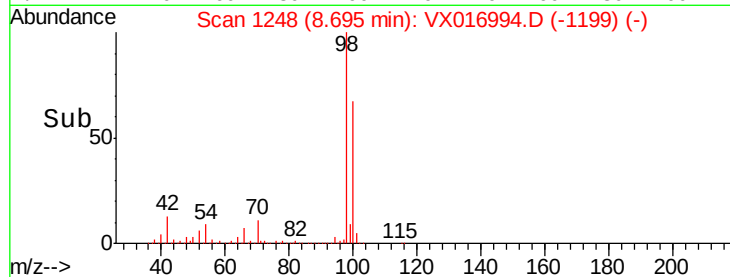
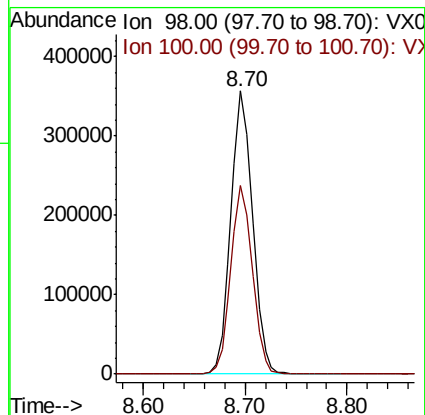
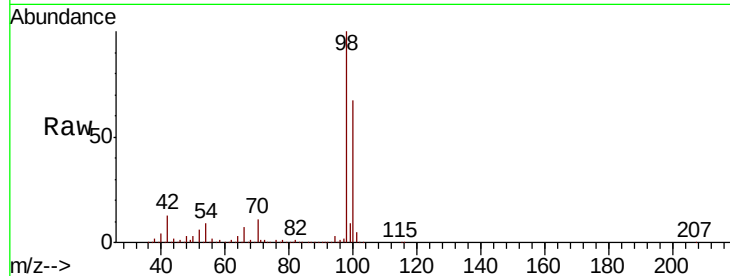
MW-26

Tot Ion: 98 Resp: 527382

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2



#60

Dibromochloromethane

Concen: 1.259 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016994.D

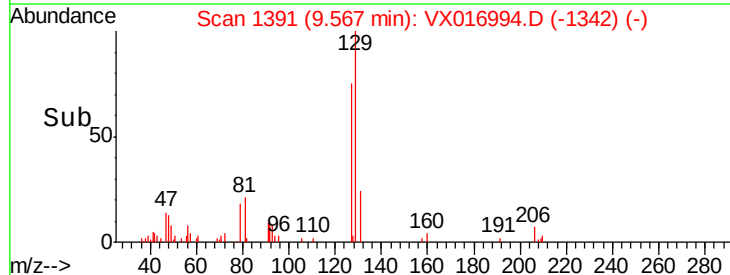
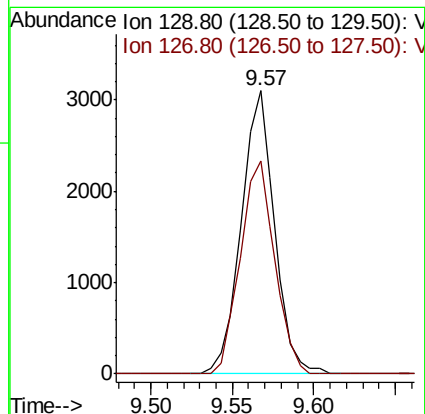
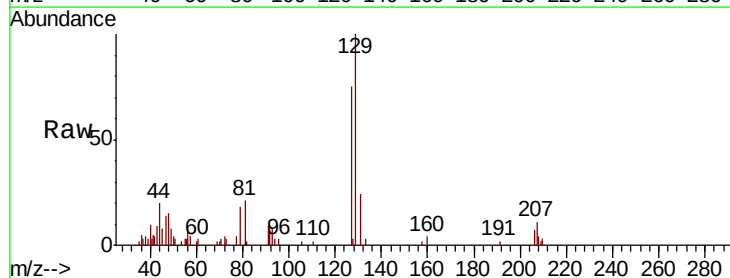
Acq: 26 Jun 2020 19:17

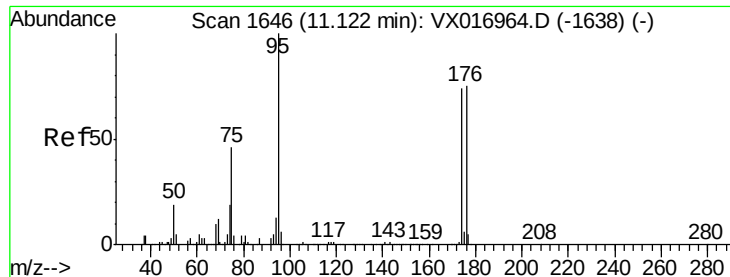
Tgt Ion: 129 Resp: 4399

Ion Ratio Lower Upper

129 100

127 77.9 38.0 114.0





#62

4-Bromofluorobenzene

Concen: 55.073 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016994.D

Acq: 26 Jun 2020 19:17

Instrument :

MSVOA_X

ClientSampled :

MW-26

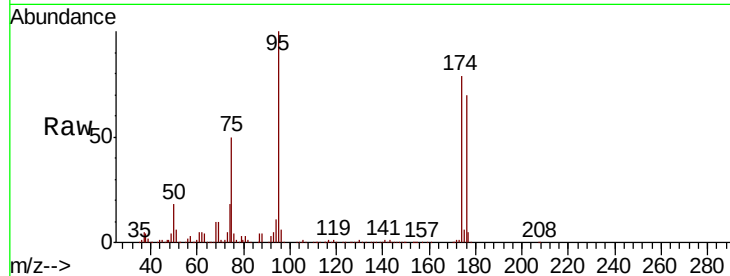
Tot Ion: 95 Resp: 218842

Ion Ratio Lower Upper

95 100

174 78.1 0.0 149.6

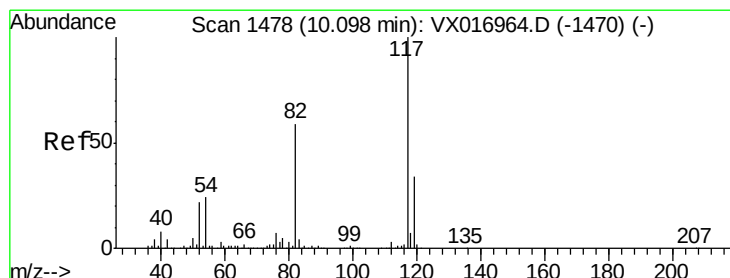
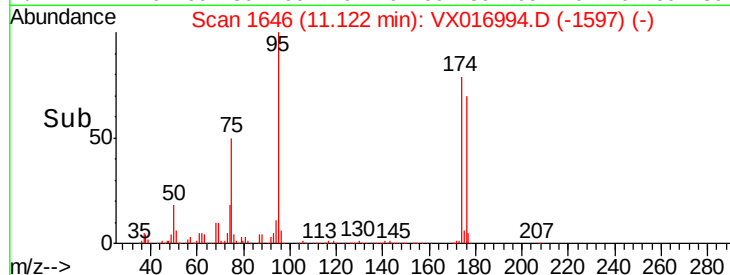
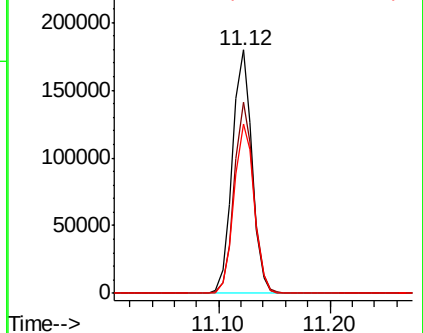
176 71.6 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016994.D

Acq: 26 Jun 2020 19:17

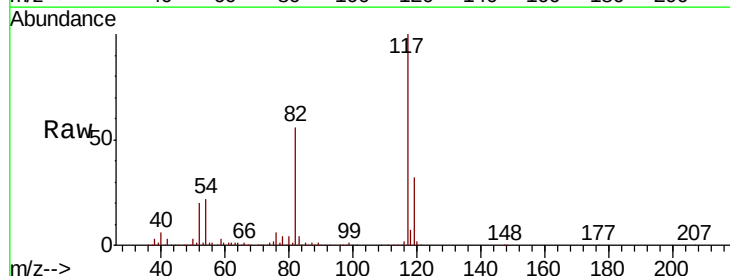
Tgt Ion: 117 Resp: 433513

Ion Ratio Lower Upper

117 100

82 56.3 46.8 70.2

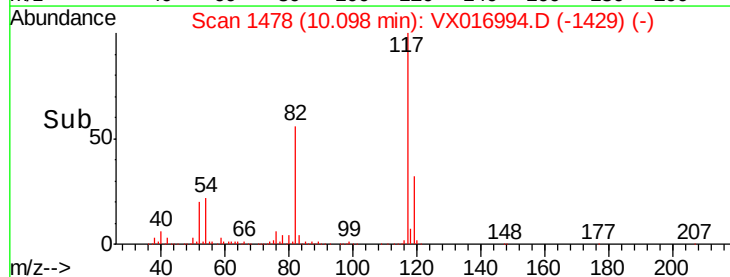
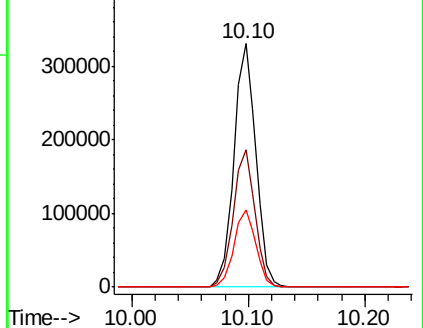
119 31.9 27.3 40.9

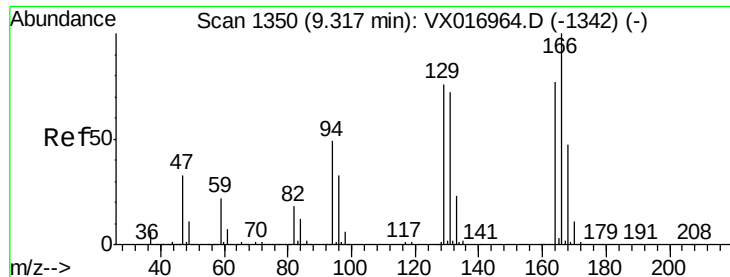


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#64

Tetrachloroethene

Concen: 1.854 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016994.D

Acq: 26 Jun 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

MW-26

Tot Ion:164 Resp: 5441

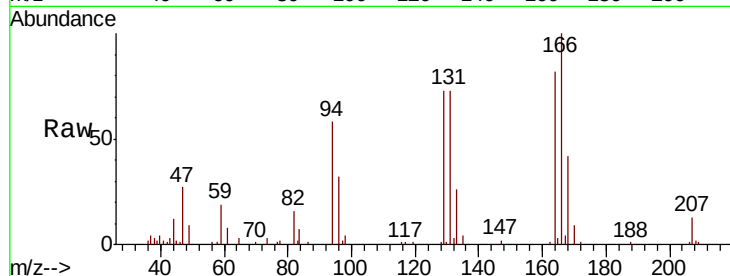
Ion Ratio Lower Upper

164 100

166 122.3 104.2 156.4

129 89.4 79.3 118.9

131 89.2 74.9 112.3

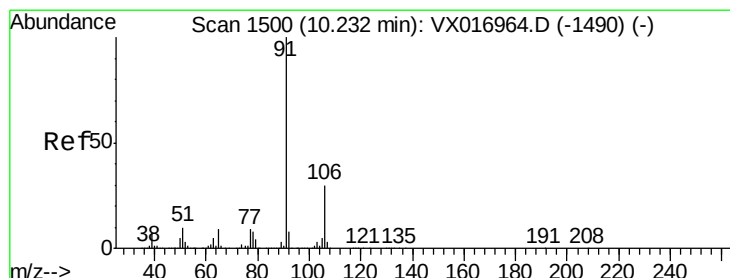
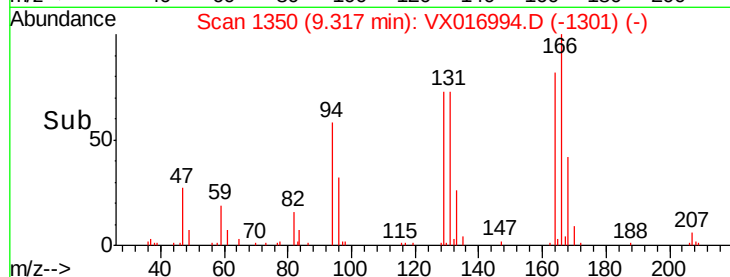
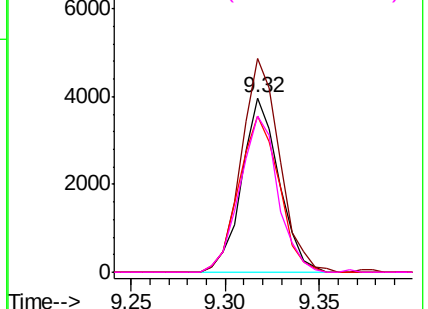


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 0.214 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX016994.D

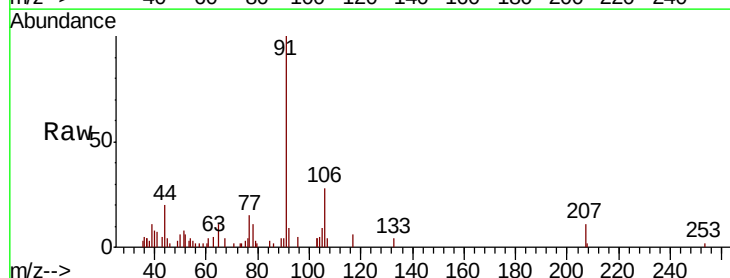
Acq: 26 Jun 2020 19:17

Tgt Ion: 91 Resp: 3335

Ion Ratio Lower Upper

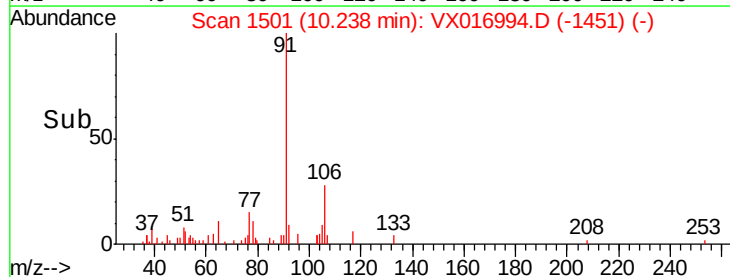
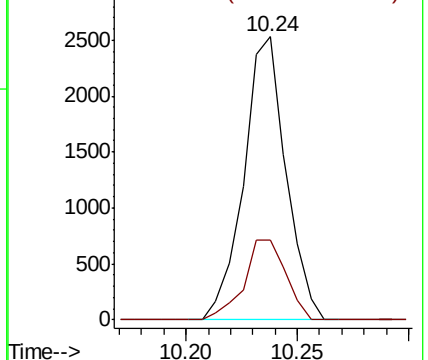
91 100

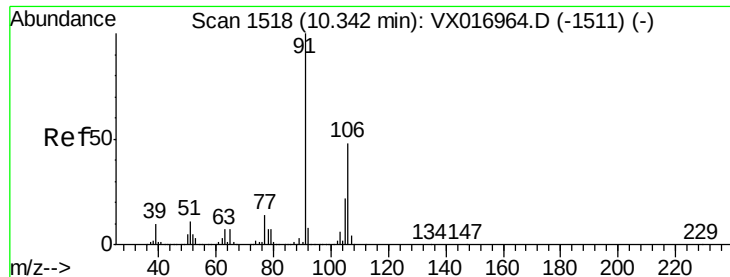
106 28.4 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

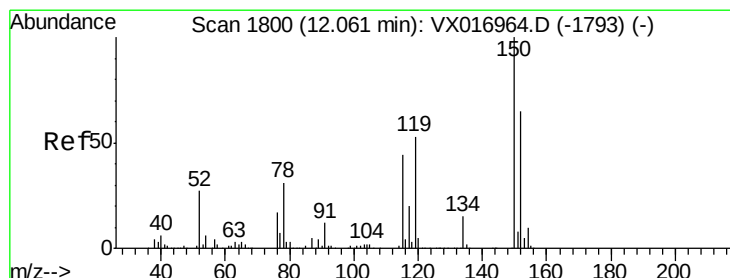
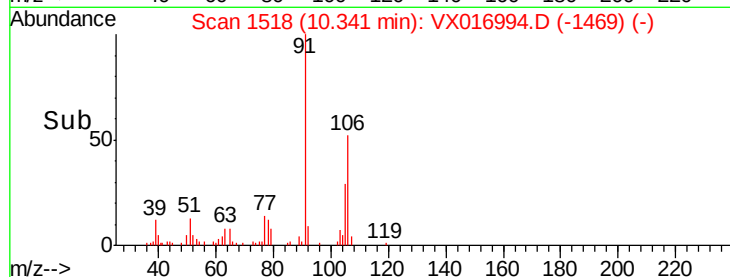
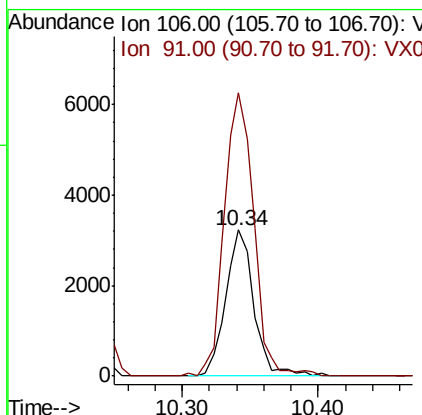
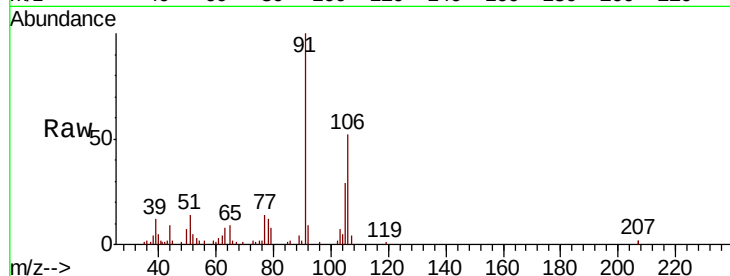




#68
m/p-Xvlenes
Concen: 0.801 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016994.D
Acq: 26 Jun 2020 19:17

Instrument :
MSVOA_X
ClientSampled :
MW-26

Tot Ion:106 Resp: 4630
Ion Ratio Lower Upper
106 100
91 203.5 164.1 246.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016994.D
Acq: 26 Jun 2020 19:17

Tgt Ion:152 Resp: 221114
Ion Ratio Lower Upper
152 100
115 61.4 42.8 128.4
150 157.9 0.0 347.8

