

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019099.D
 Acq On : 24 Oct 2020 02:15
 Operator : JC/SP
 Sample : L4417-20DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DDL

Quant Time: Oct 26 06:09:27 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

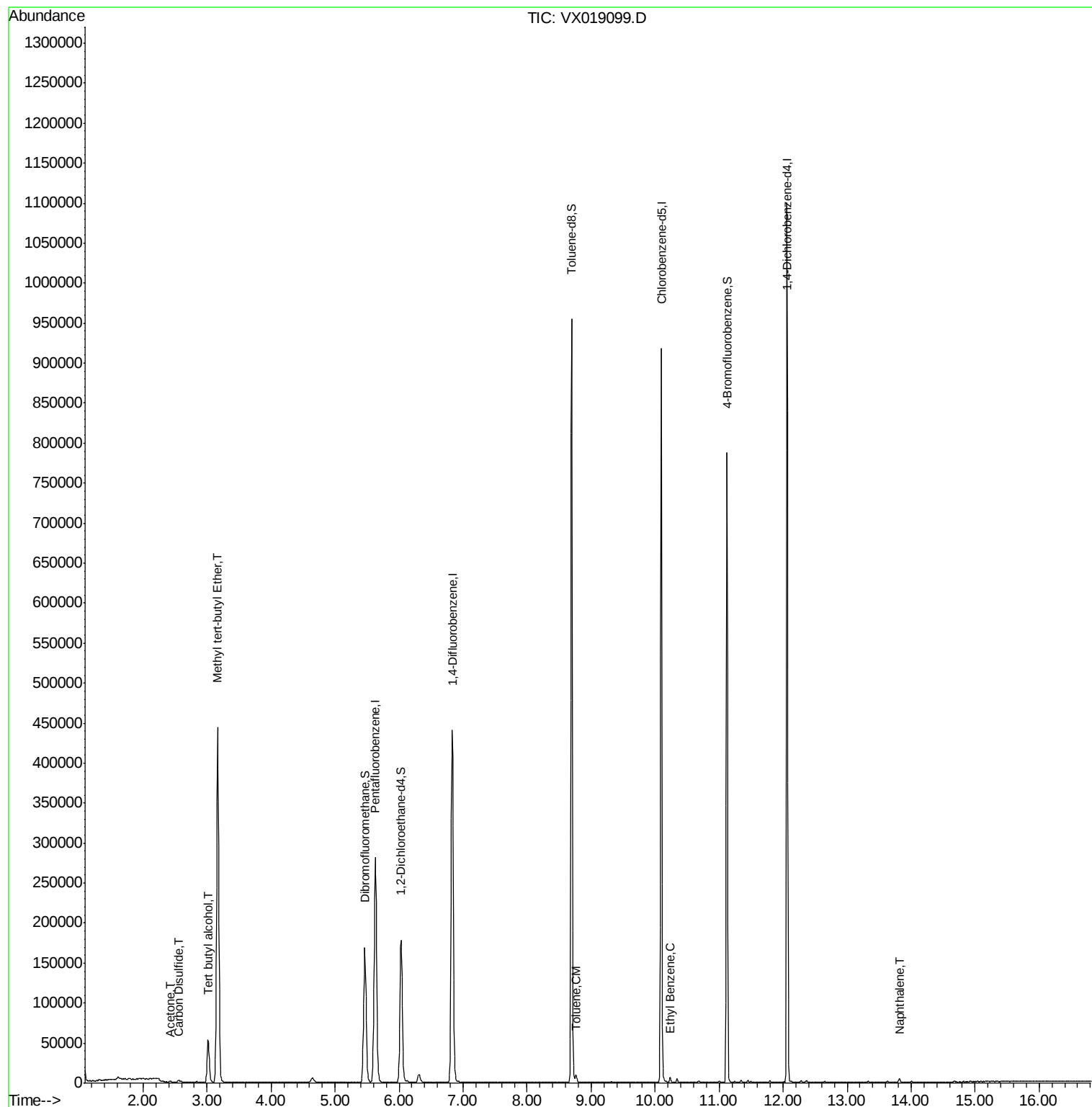
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	275808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	475380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	167002	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	5.46	113	146214	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	8.70	98	585732	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.12	95	204756	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	73749	110.219	ug/l	100
16) Acetone	2.42	43	1155	1.026	ug/l	97
17) Carbon Disulfide	2.56	76	3177	0.410	ug/l #	86
19) Methyl tert-butyl Ether	3.17	73	552124	64.928	ug/l	100
52) Toluene	8.77	92	2975	0.359	ug/l	96
67) Ethyl Benzene	10.23	91	3592	0.223	ug/l	95
95) Naphthalene	13.82	128	3557	0.221	ug/l	96

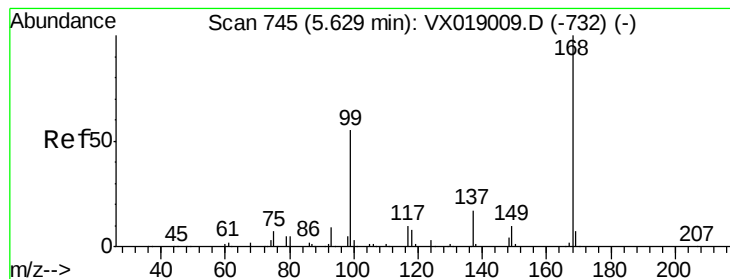
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 26 06:09:27 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: VX019099.D

Acq: 24 Oct 2020 02:15

Instrument :

MSVOA_X

ClientSampleId :

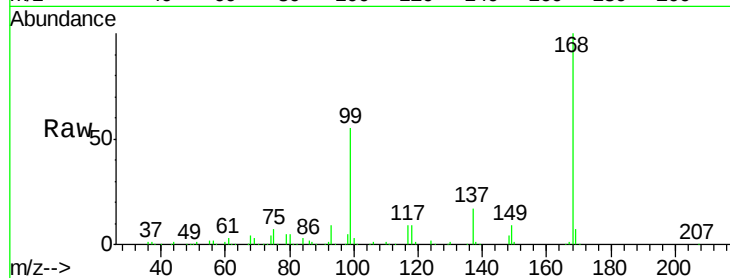
MW-1DDL

Tot Ion:168 Resp: 275808

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

100000

80000

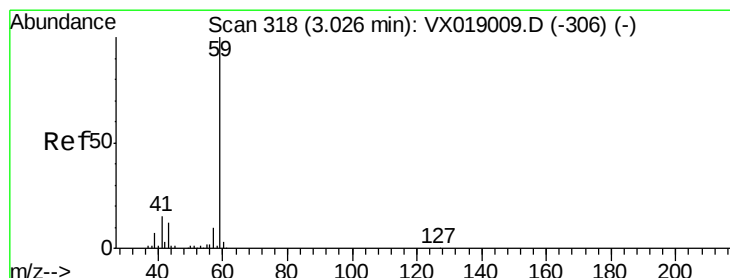
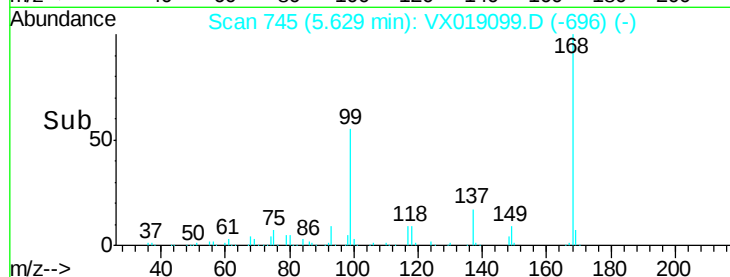
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 110.219 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX019099.D

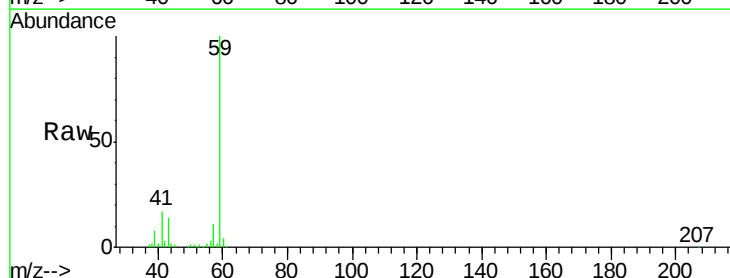
Acq: 24 Oct 2020 02:15

Tgt Ion: 59 Resp: 73749

Ion Ratio Lower Upper

59 100

57 10.4 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

50000

40000

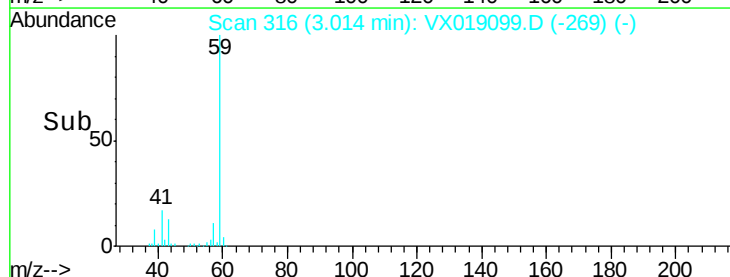
30000

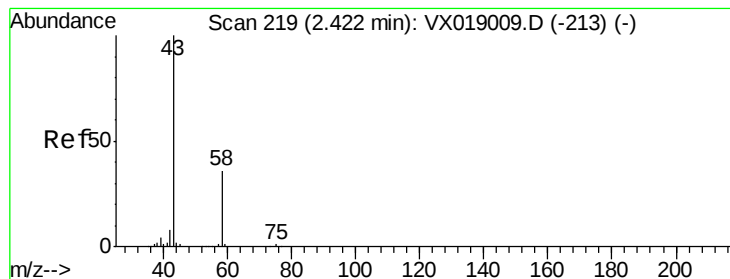
20000

10000

0

Time-->





#16

Acetone

Concen: 1.026 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019099.D

Acq: 24 Oct 2020 02:15

Instrument :

MSVOA_X

ClientSampleId :

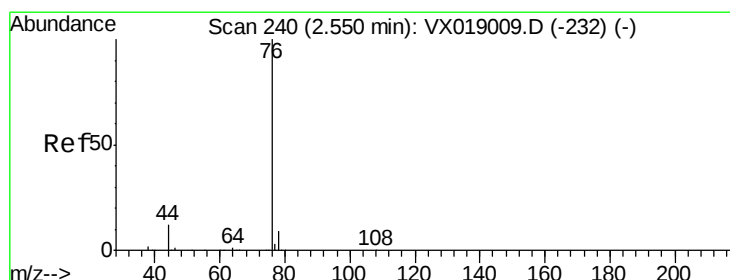
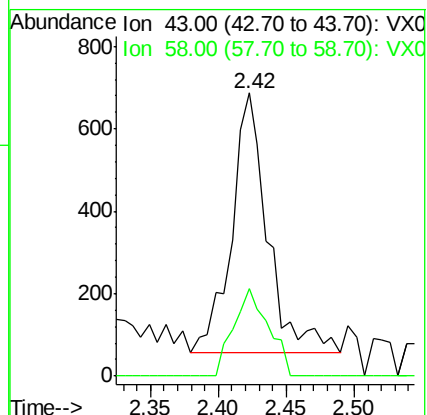
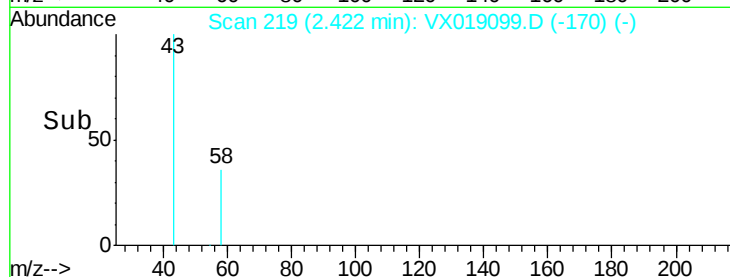
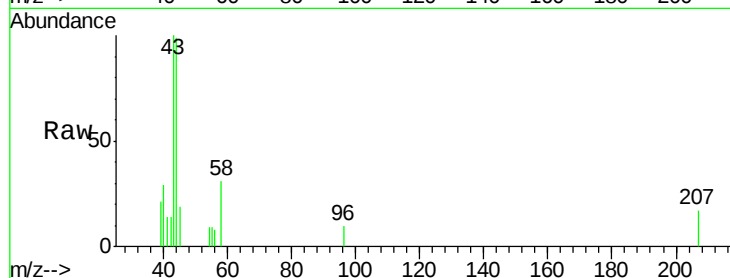
MW-1DDL

Tot Ion: 43 Resp: 1155

Ion Ratio Lower Upper

43 100

58 33.9 28.6 42.8



#17

Carbon Disulfide

Concen: 0.410 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX019099.D

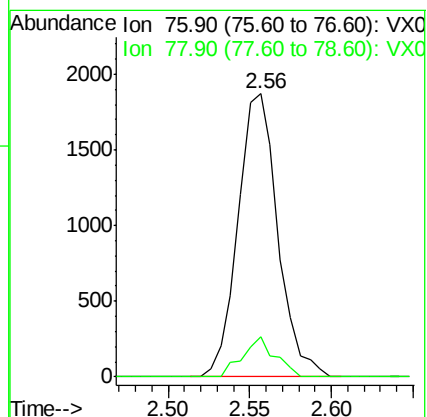
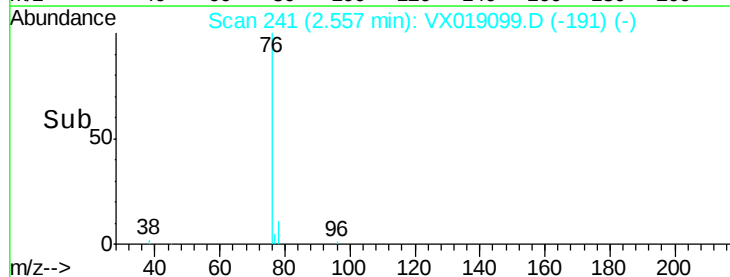
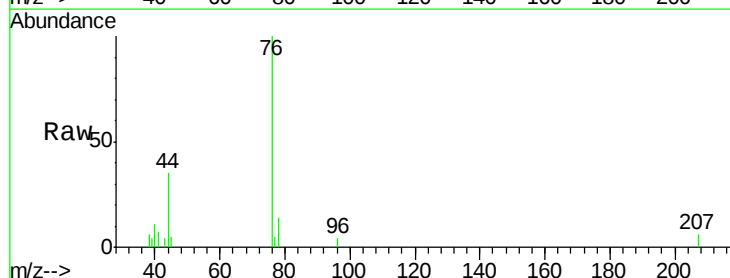
Acq: 24 Oct 2020 02:15

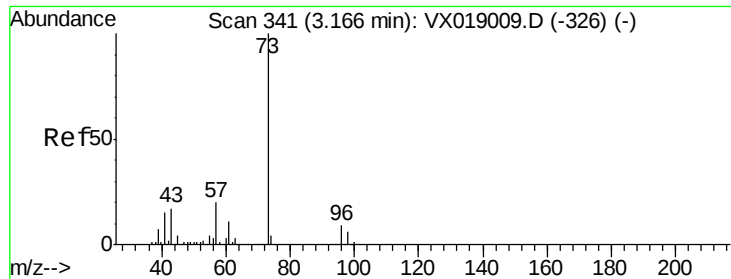
Tgt Ion: 76 Resp: 3177

Ion Ratio Lower Upper

76 100

78 14.1 7.1 10.7#



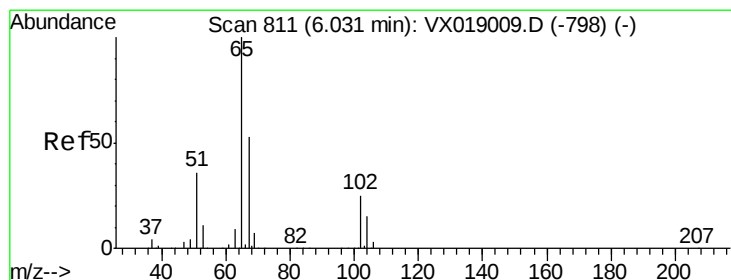
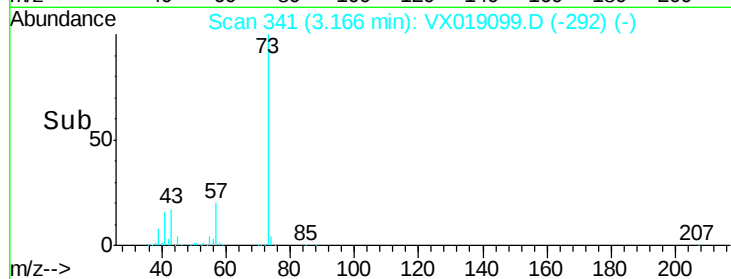
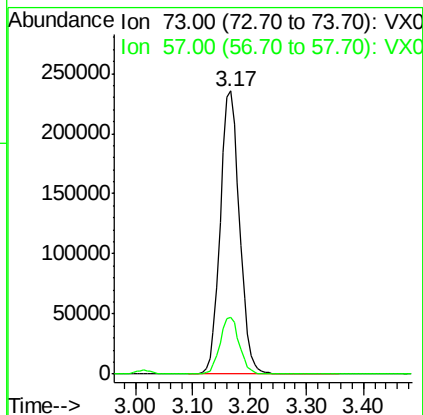
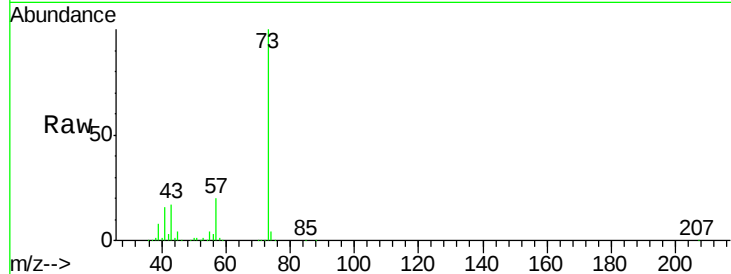


#19

Methvl tert-butvl Ether
 Concen: 64.928 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019099.D
 Acq: 24 Oct 2020 02:15

Instrument :
 MSVOA_X
 ClientSampled :
 MW-1DDL

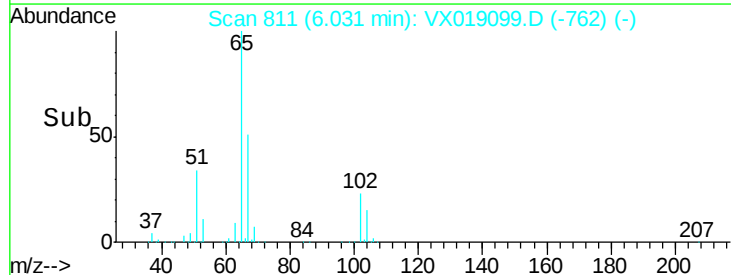
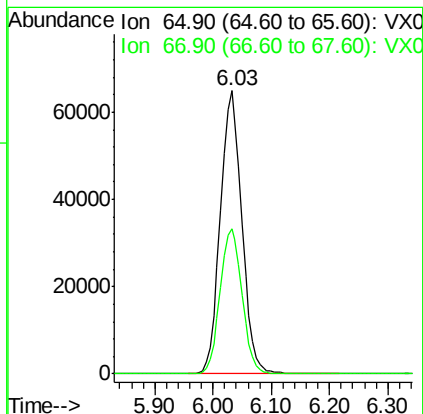
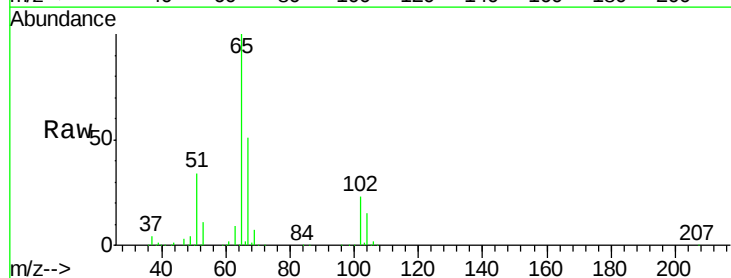
Tot Ion: 73 Resp: 552124
 Ion Ratio Lower Upper
 73 100
 57 20.1 16.2 24.2

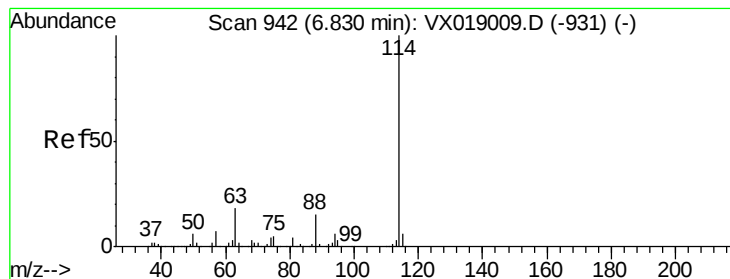


#33

1,2-Dichloroethane-d4
 Concen: 50.549 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019099.D
 Acq: 24 Oct 2020 02:15

Tgt Ion: 65 Resp: 167002
 Ion Ratio Lower Upper
 65 100
 67 52.1 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: VX019099.D

Acq: 24 Oct 2020 02:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1DDL

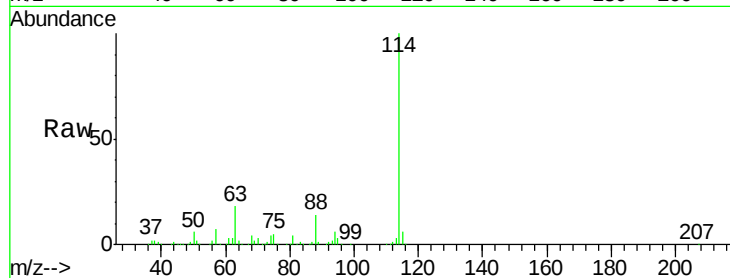
Tot Ion:114 Resp: 475380

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

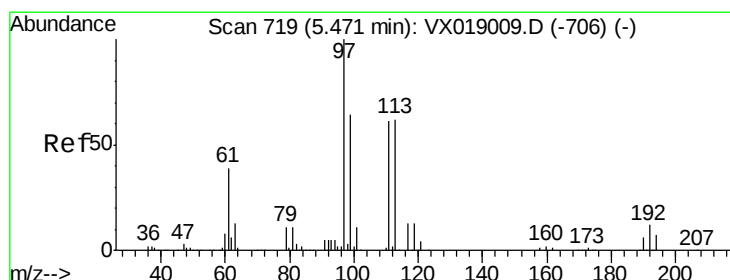
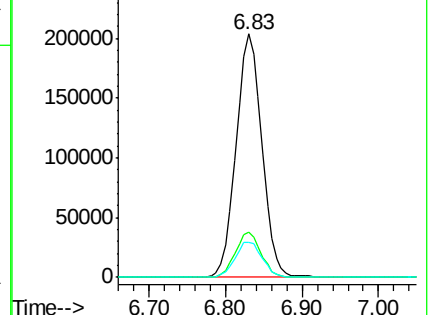
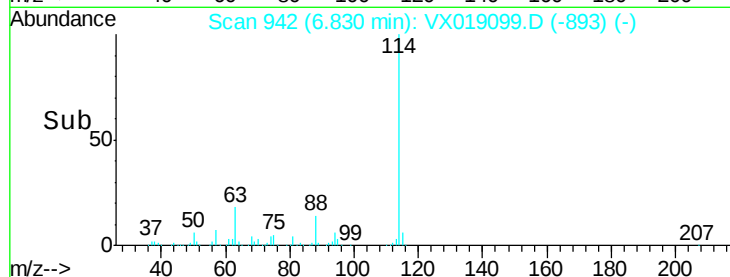
88 14.4 0.0 30.2



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: 48.580 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019099.D

Acq: 24 Oct 2020 02:15

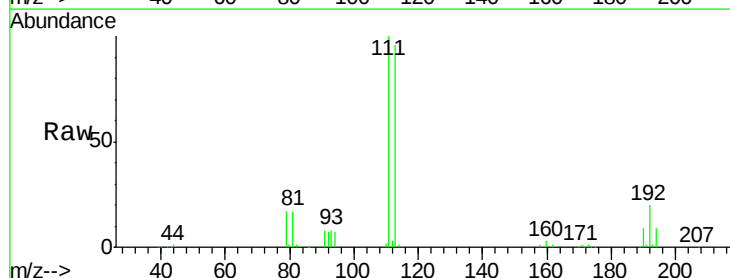
Tgt Ion:113 Resp: 146214

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

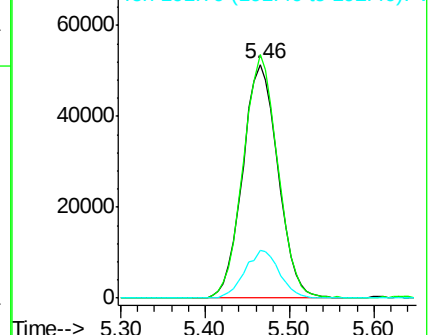
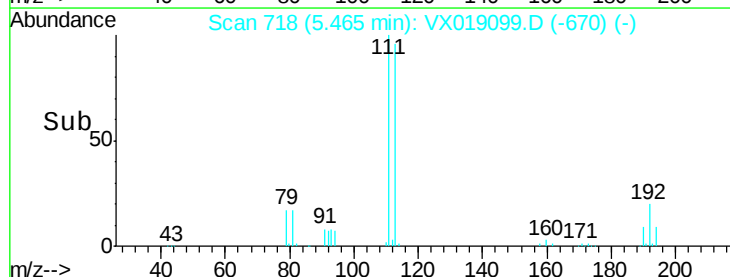
192 20.1 16.3 24.5

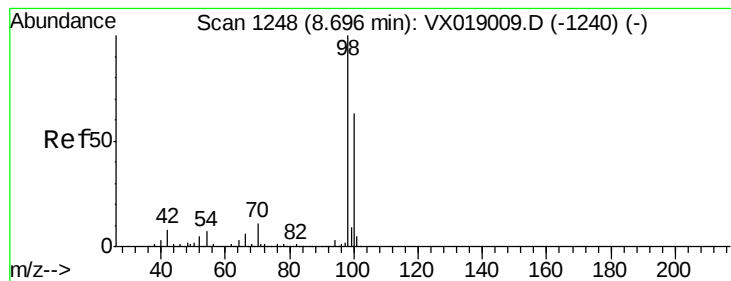


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.998 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019099.D

Acq: 24 Oct 2020 02:15

Instrument :

MSVOA_X

ClientSampleId :

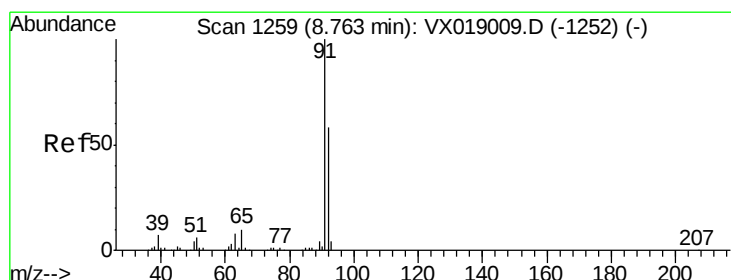
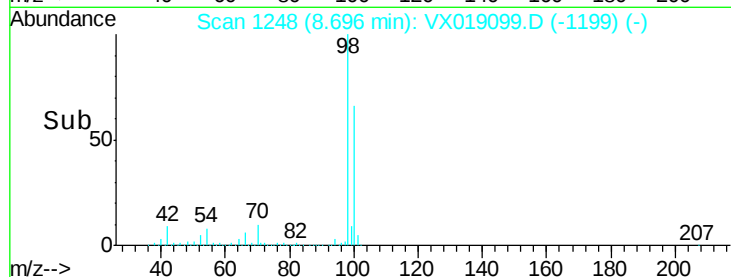
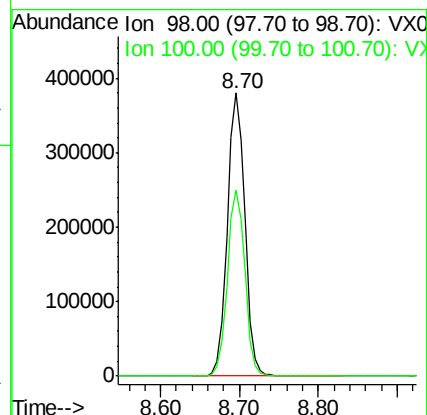
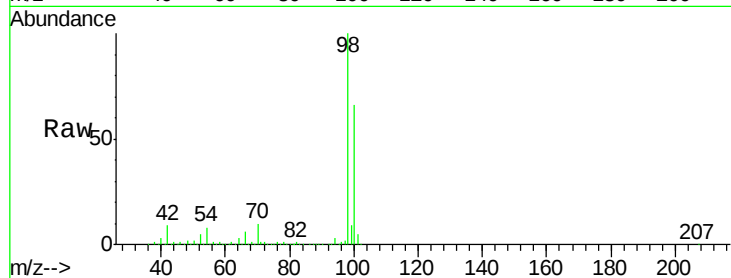
MW-1DDL

Tot Ion: 98 Resp: 585732

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1



#52

Toluene

Concen: 0.359 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019099.D

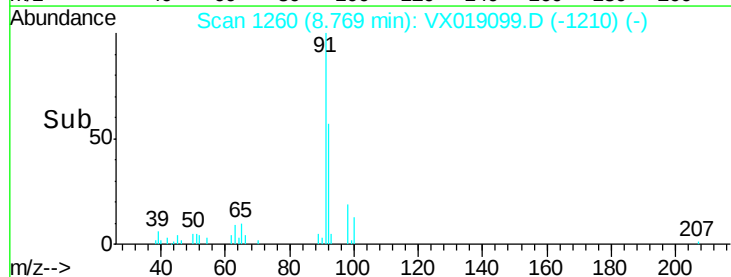
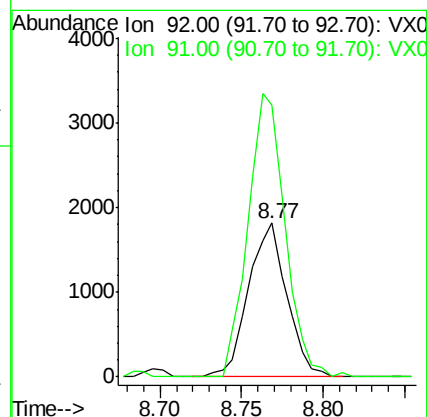
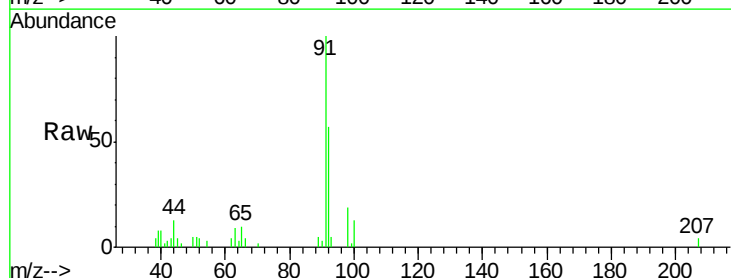
Acq: 24 Oct 2020 02:15

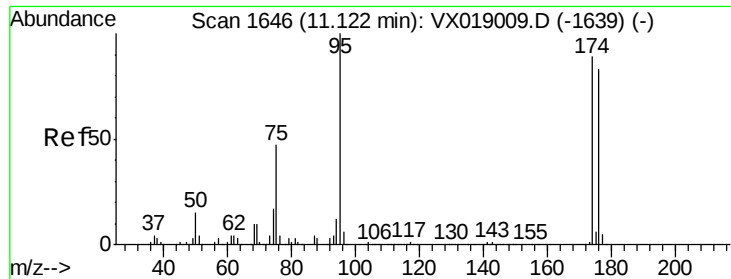
Tgt Ion: 92 Resp: 2975

Ion Ratio Lower Upper

92 100

91 178.6 138.6 208.0





#62

4-Bromofluorobenzene

Concen: 50.119 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019099.D

Acq: 24 Oct 2020 02:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1DDL

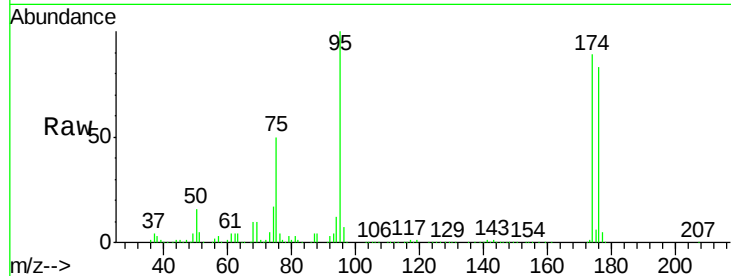
Tot Ion: 95 Resp: 204756

Ion Ratio Lower Upper

95 100

174 85.1 0.0 167.6

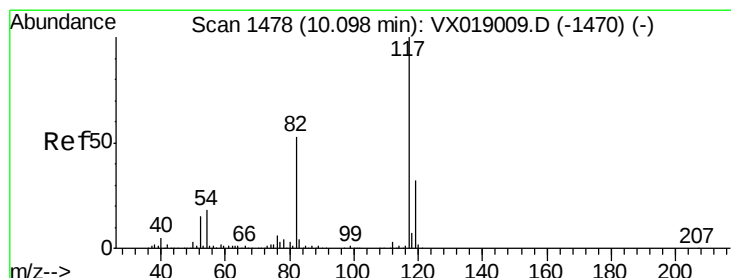
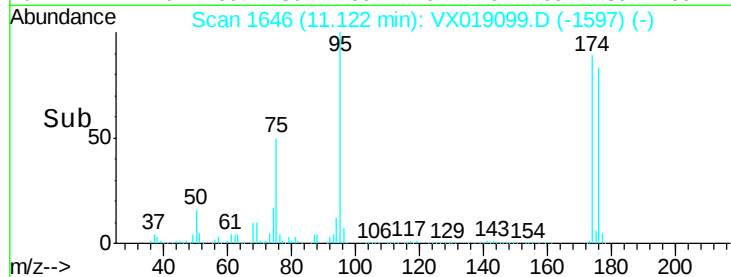
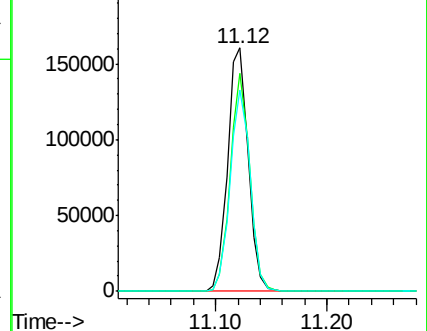
176 81.3 0.0 165.2



Abundance Ion 94.90 (94.60 to 95.60): VX019009.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019009.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019009.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019099.D

Acq: 24 Oct 2020 02:15

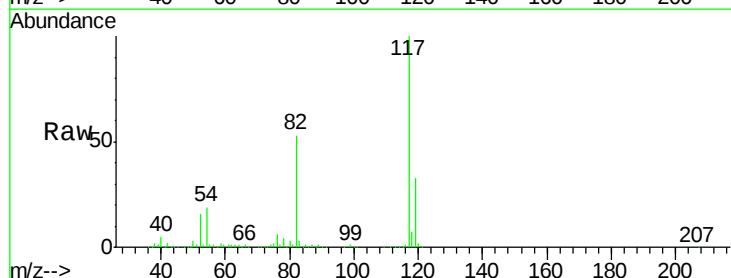
Tgt Ion: 117 Resp: 444841

Ion Ratio Lower Upper

117 100

82 52.7 42.4 63.6

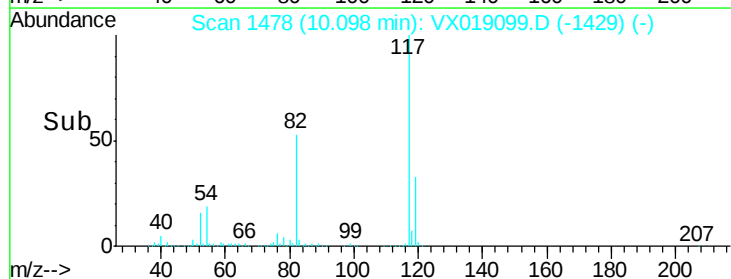
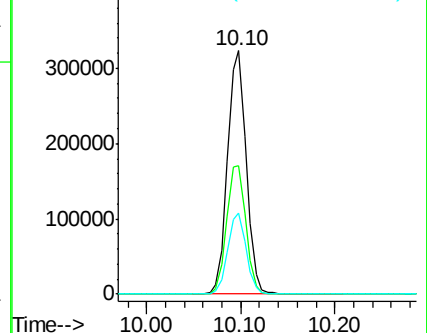
119 33.1 25.6 38.4

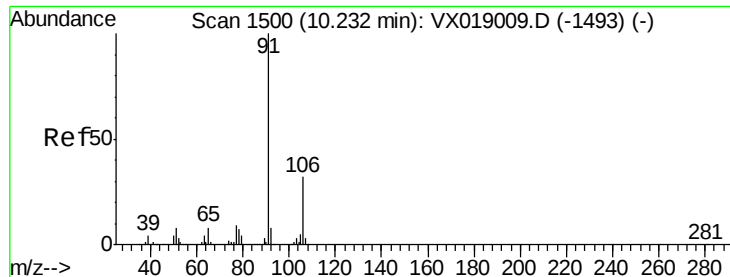


Abundance Ion 116.90 (116.60 to 117.60): VX019009.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019009.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019009.D (-1470) (-)

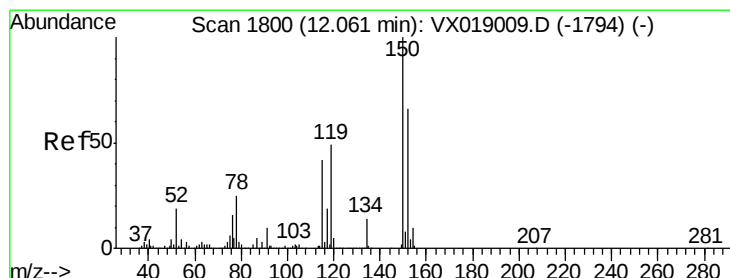
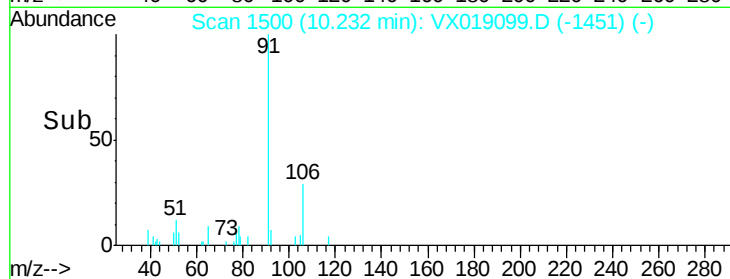
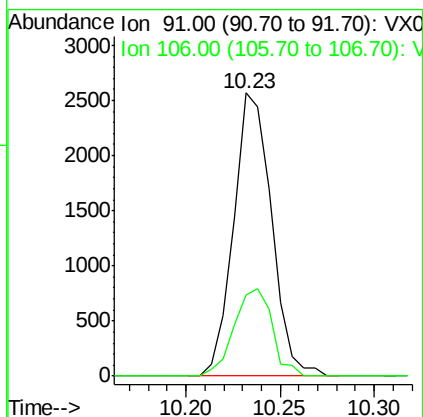
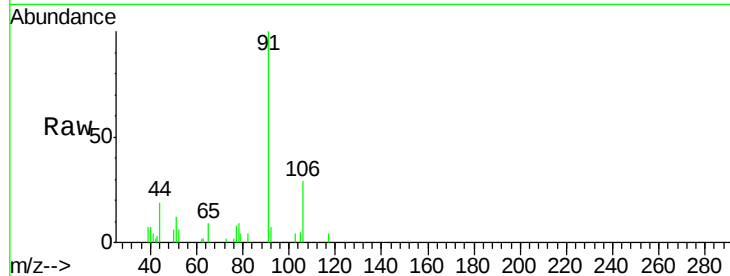




#67
Ethyl Benzene
Concen: 0.223 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019099.D
Acq: 24 Oct 2020 02:15

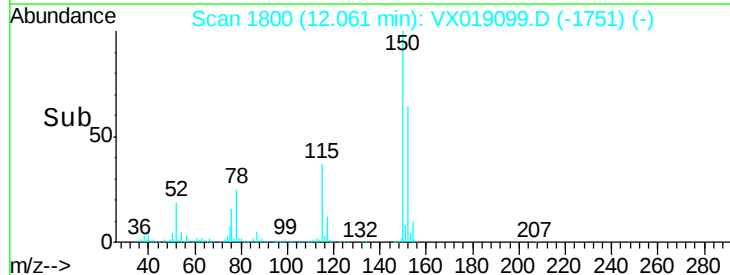
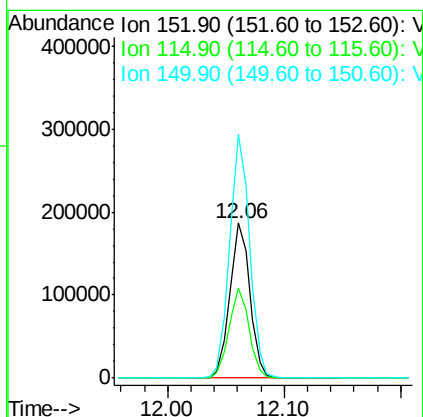
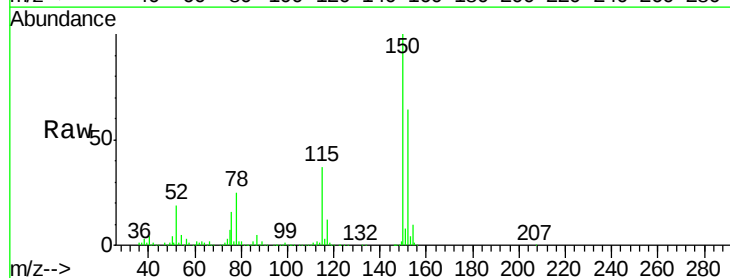
Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

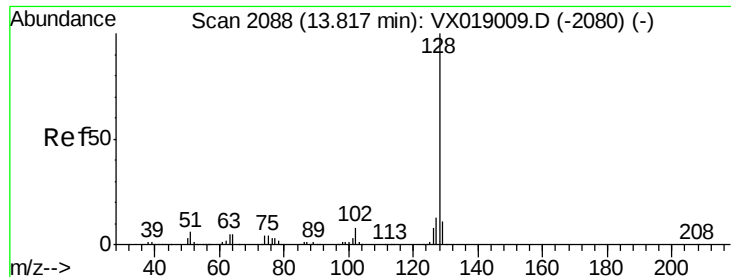
Tot Ion: 91 Resp: 3592
Ion Ratio Lower Upper
91 100
106 28.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019099.D
Acq: 24 Oct 2020 02:15

Tgt Ion: 152 Resp: 225017
Ion Ratio Lower Upper
152 100
115 57.8 40.8 122.5
150 156.8 0.0 345.6

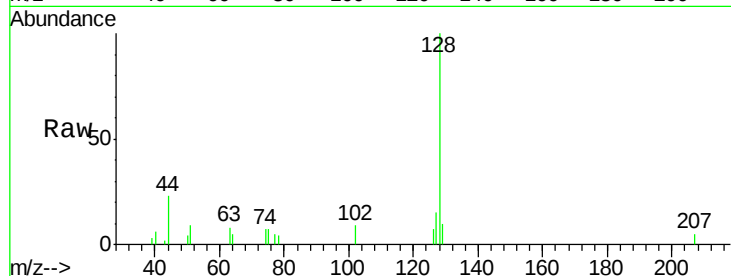




#95
Naphthalene
Concen: 0.221 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019099.D
Acq: 24 Oct 2020 02:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.5	15.7
129	11.6	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

