

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
 Data File : VX018973.D
 Acq On : 20 Oct 2020 00:03
 Operator : JC/SP
 Sample : L4418-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB-2020-WS-000-02

Quant Time: Oct 20 09:55:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 18:41:11 2020
 Response via : Initial Calibration

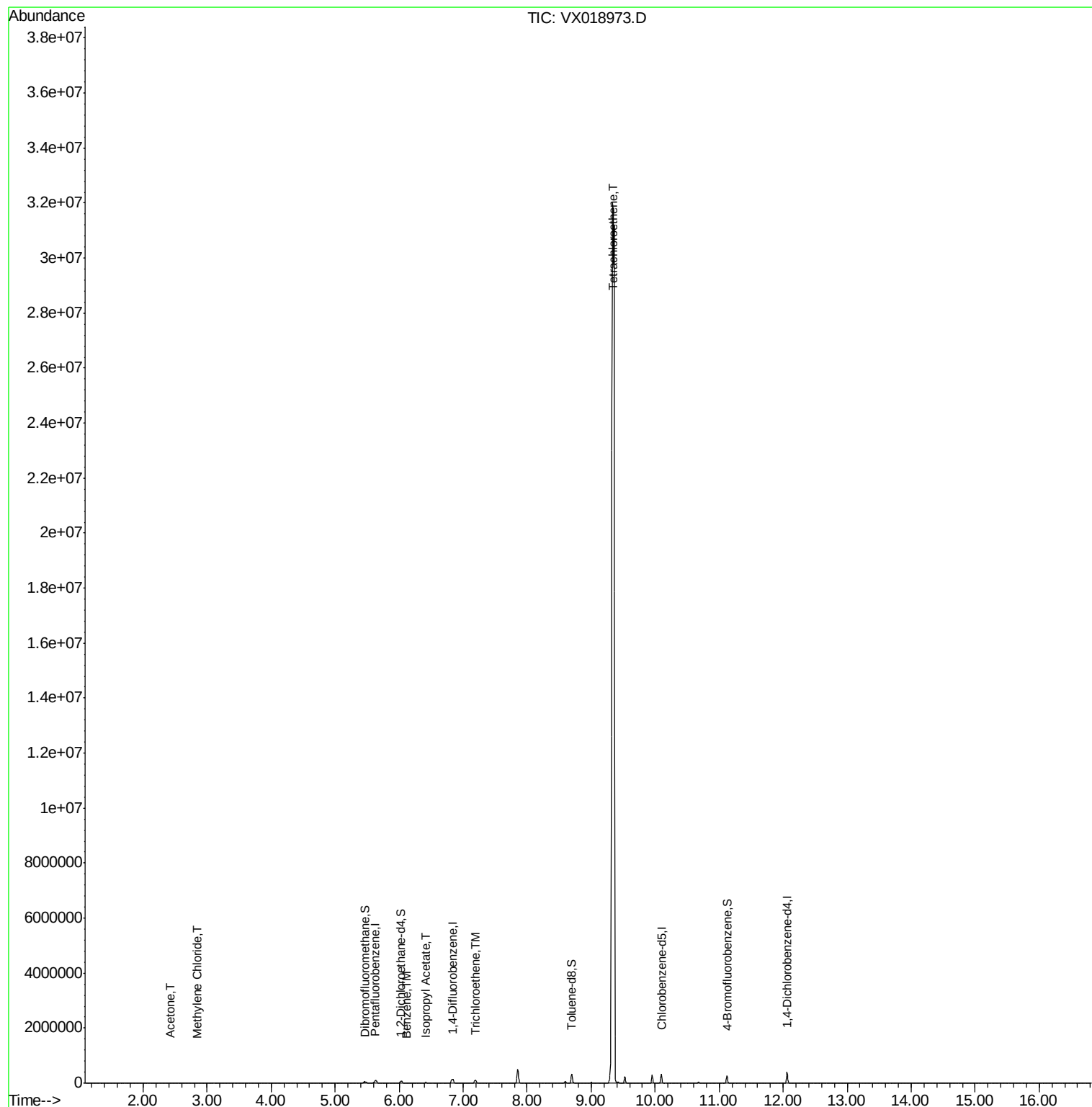
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	86847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	158531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	155124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	74255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	60024	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	5.46	113	49659	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.70	98	203263	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
62) 4-Bromofluorobenzene	11.12	95	75263	55.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.52%	
Target Compounds						
16) Acetone	2.42	43	8803	2.781	ug/l	94
20) Methylene Chloride	2.84	84	2281	2.214	ug/l	98
40) Benzene	6.11	78	4666	1.076	ug/l	92
43) Isopropyl Acetate	6.42	43	27108	11.297	ug/l	98
44) Trichloroethene	7.19	130	44598	37.219	ug/l	97
64) Tetrachloroethene	9.34	164	12436917	11347.005	ug/l	95

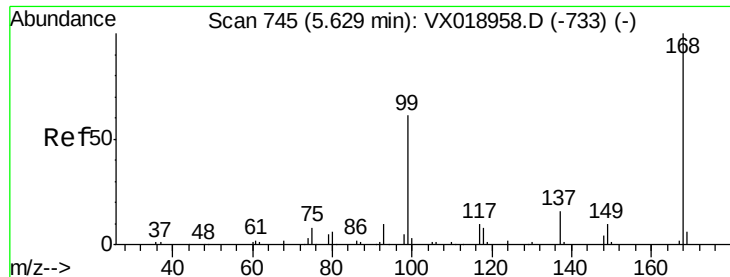
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 20 Oct 2020 00:03
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Quant Time: Oct 20 09:55:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 18:41:11 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: VX018973.D

Acq: 20 Oct 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

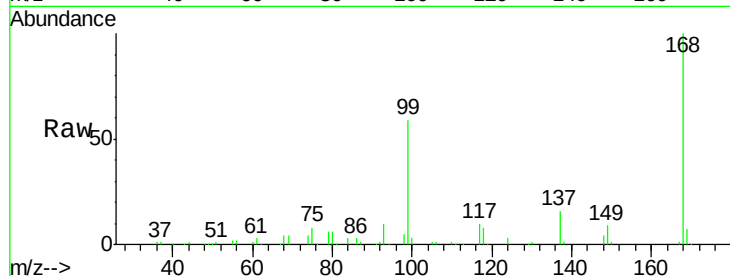
PB-2020-WS-000-02

Tot Ion:168 Resp: 86847

Ion Ratio Lower Upper

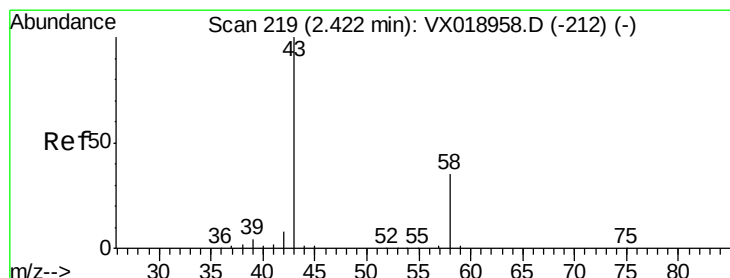
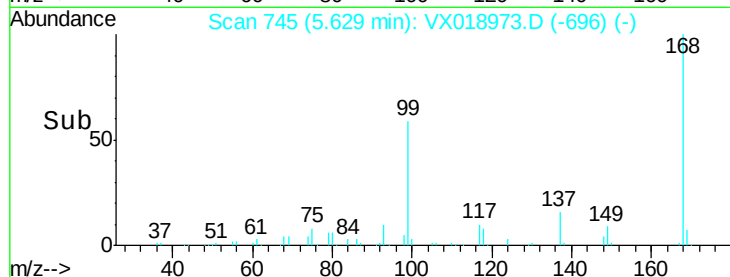
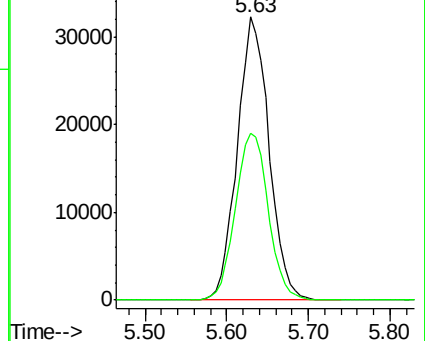
168 100

99 58.9 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.781 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018973.D

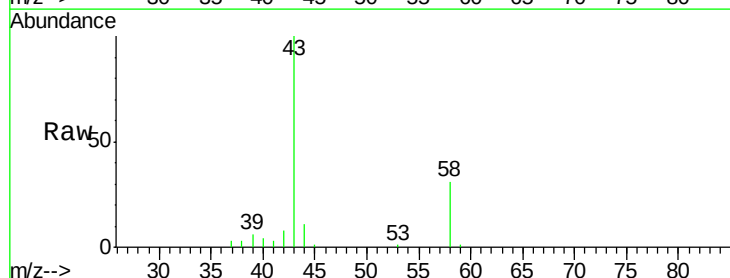
Acq: 20 Oct 2020 00:03

Tgt Ion: 43 Resp: 8803

Ion Ratio Lower Upper

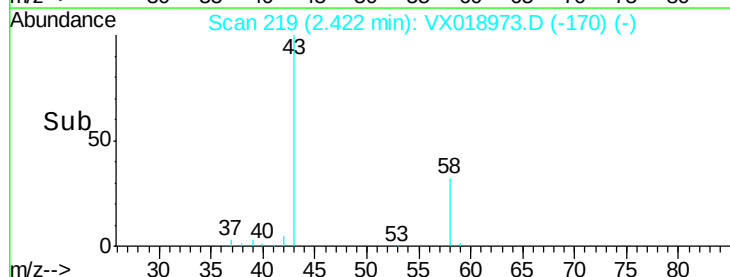
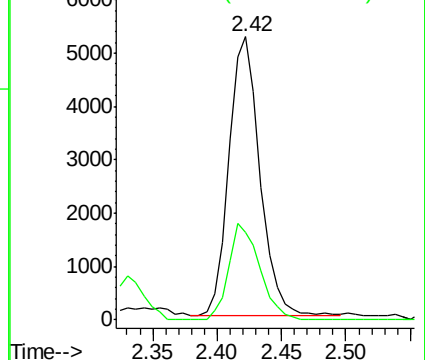
43 100

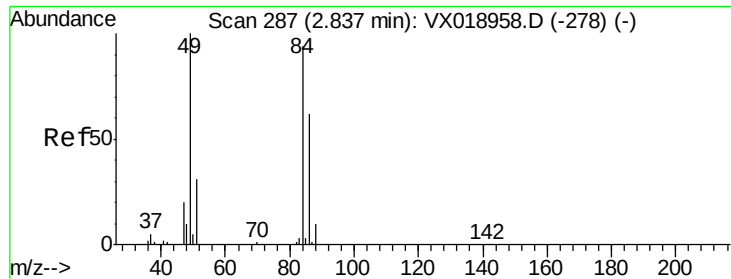
58 31.2 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

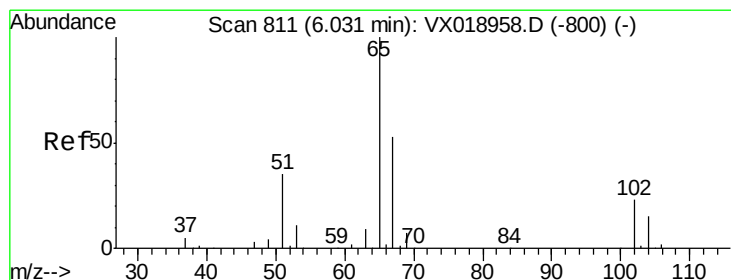
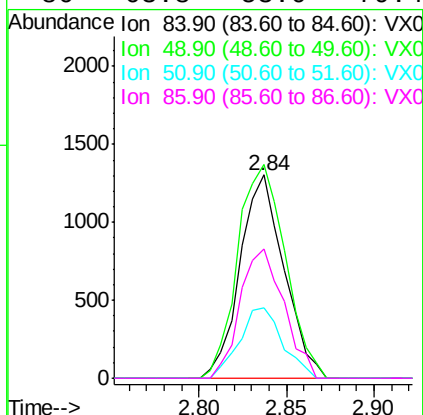
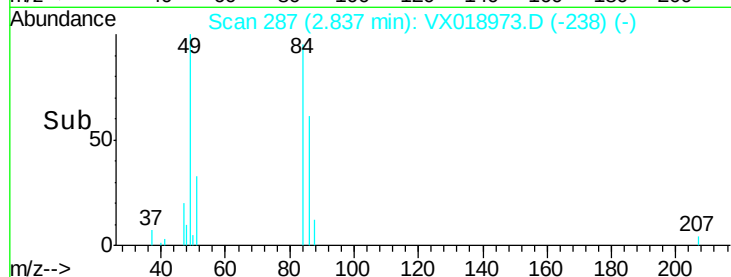
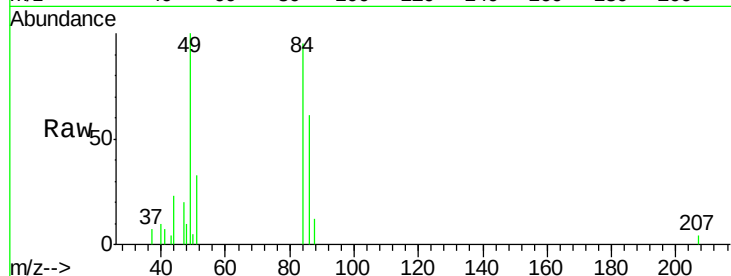




#20
Methylene Chloride
Concen: 2.214 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018973.D
Acq: 20 Oct 2020 00:03

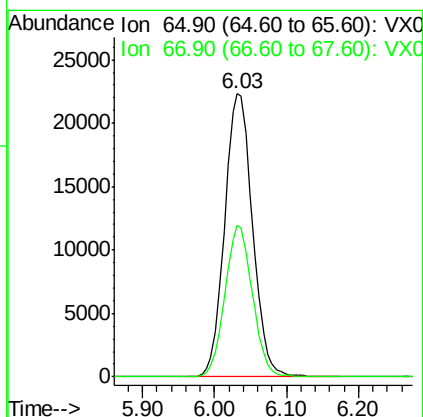
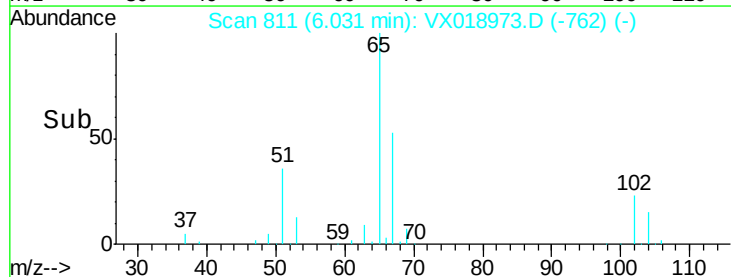
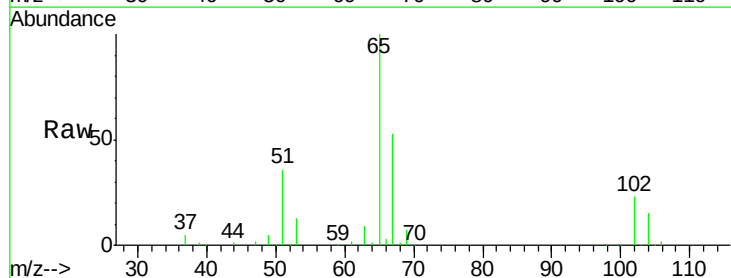
Instrument :
MSVOA_X
ClientSampleId :
PB-2020-WS-000-02

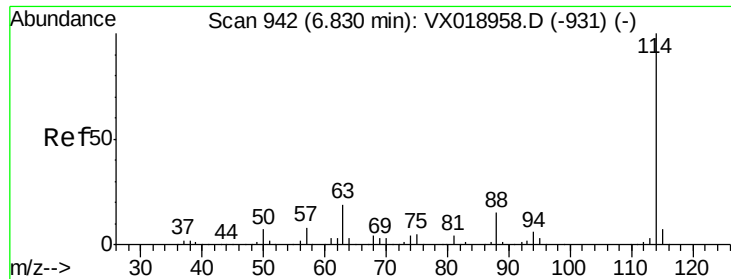
Tot Ion: 84 Resp: 2281
Ion Ratio Lower Upper
84 100
49 105.1 85.1 127.7
51 34.9 26.0 39.0
86 63.8 53.0 79.4



#33
1,2-Dichloroethane-d4
Concen: 54.105 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018973.D
Acq: 20 Oct 2020 00:03

Tgt Ion: 65 Resp: 60024
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.6

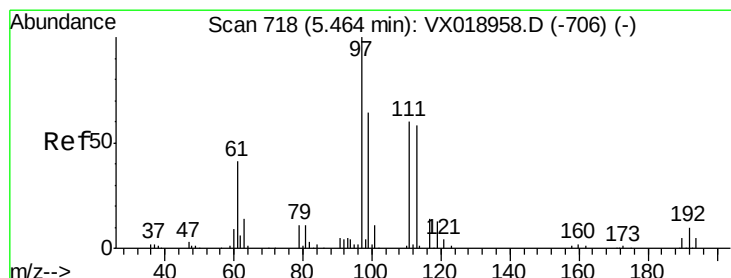
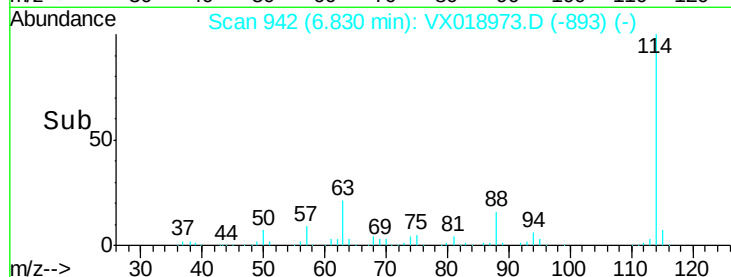
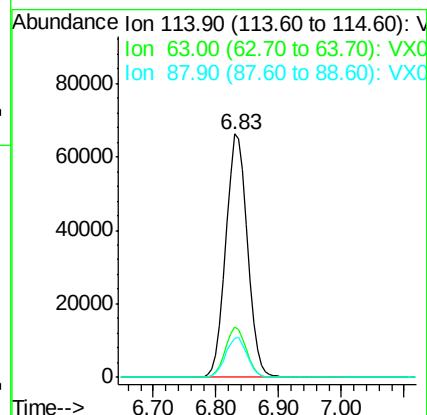
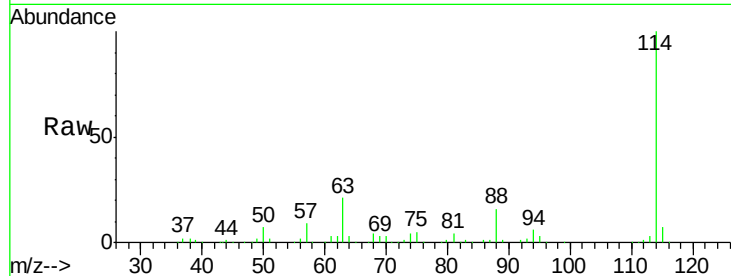




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018973.D
 Acq: 20 Oct 2020 00:03

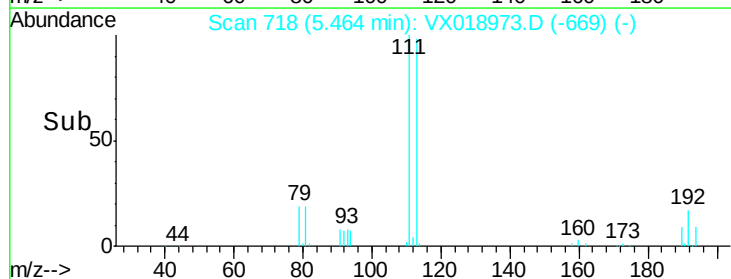
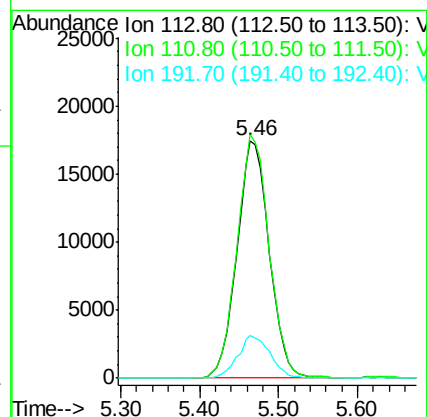
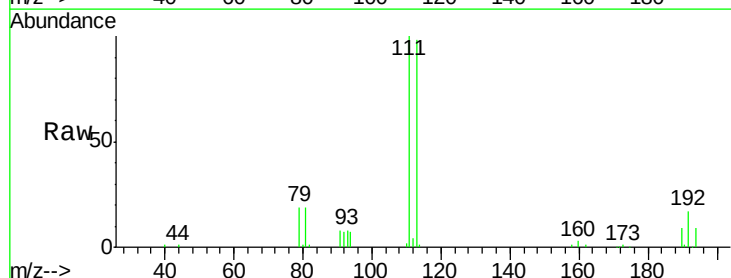
Instrument :
 MSVOA_X
 ClientSampleId :
 PB-2020-WS-000-02

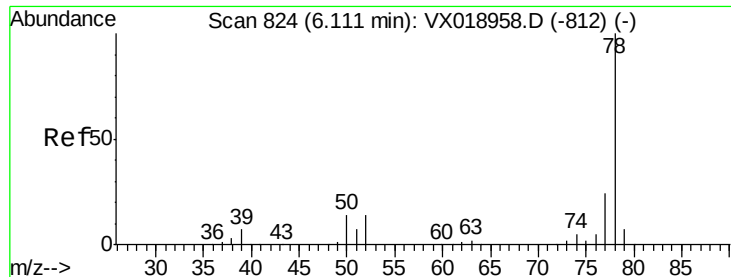
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	38.0
88	16.2	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 50.577 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018973.D
 Acq: 20 Oct 2020 00:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.8	121.2
192	17.9	14.5	21.7





#40

Benzene

Concen: 1.076 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX018973.D

Acq: 20 Oct 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

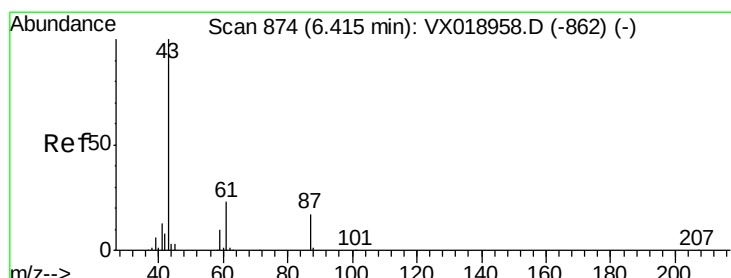
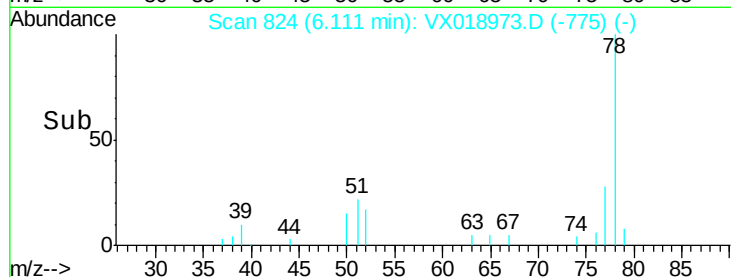
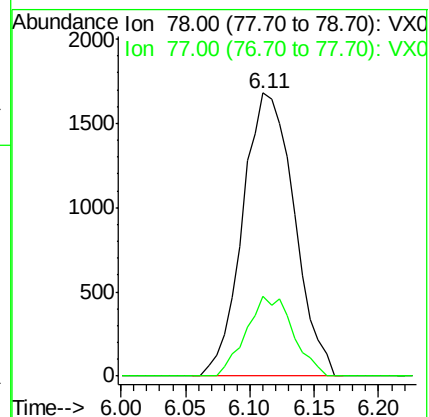
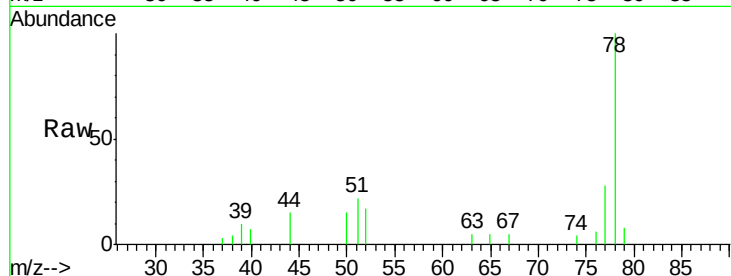
PB-2020-WS-000-02

Tot Ion: 78 Resp: 4666

Ion Ratio Lower Upper

78 100

77 28.2 19.2 28.8



#43

Isopropyl Acetate

Concen: 11.297 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018973.D

Acq: 20 Oct 2020 00:03

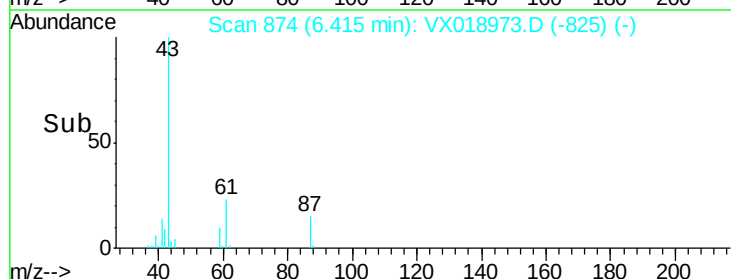
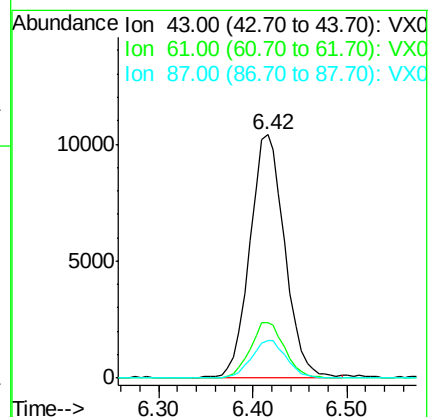
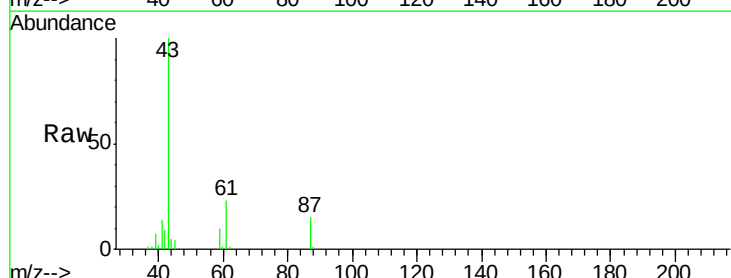
Tgt Ion: 43 Resp: 27108

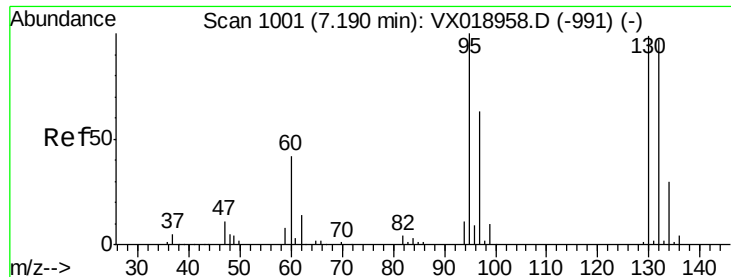
Ion Ratio Lower Upper

43 100

61 22.2 18.3 27.5

87 15.3 13.4 20.2





#44

Trichloroethene

Concen: 37.219 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018973.D

Acq: 20 Oct 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

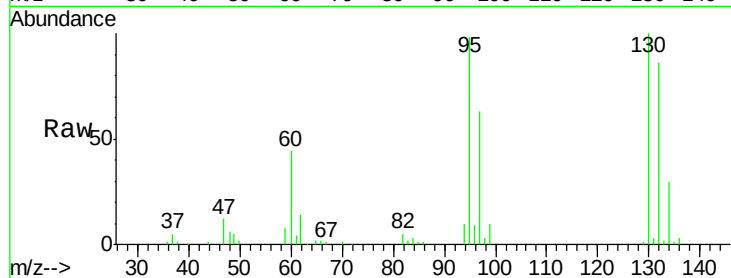
PB-2020-WS-000-02

Tot Ion:130 Resp: 44598

Ion Ratio Lower Upper

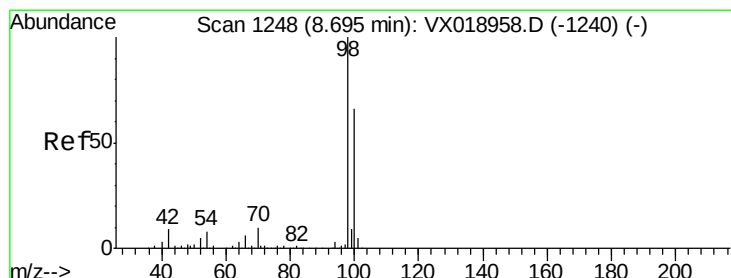
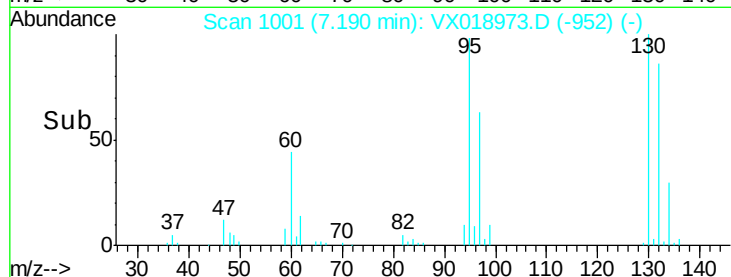
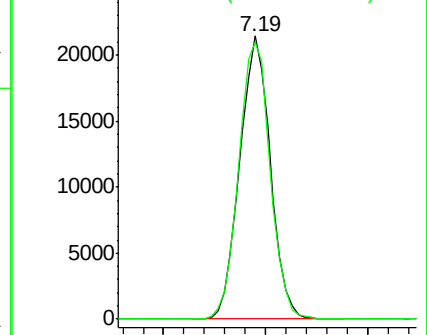
130 100

95 98.0 0.0 201.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 53.409 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018973.D

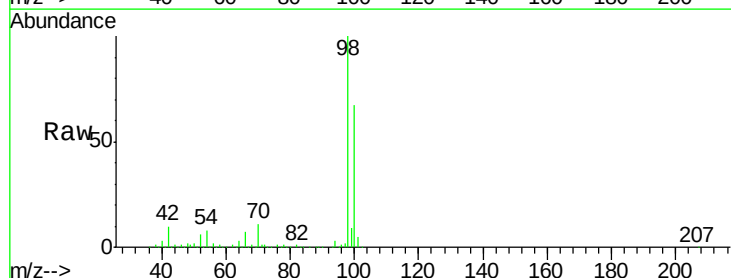
Acq: 20 Oct 2020 00:03

Tgt Ion: 98 Resp: 203263

Ion Ratio Lower Upper

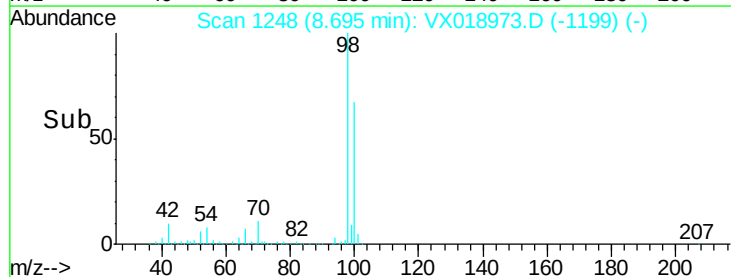
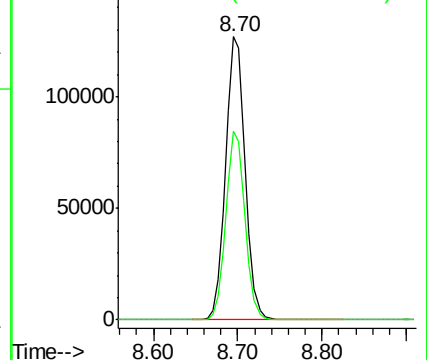
98 100

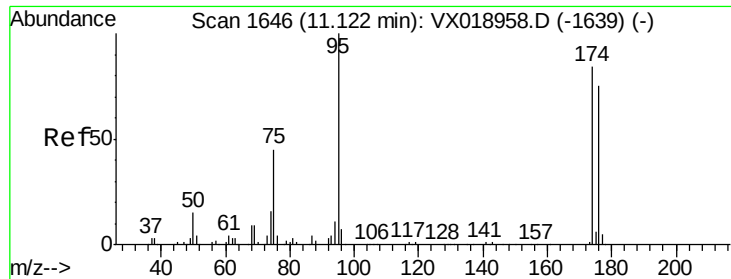
100 65.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.764 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018973.D

Acq: 20 Oct 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

PB-2020-WS-000-02

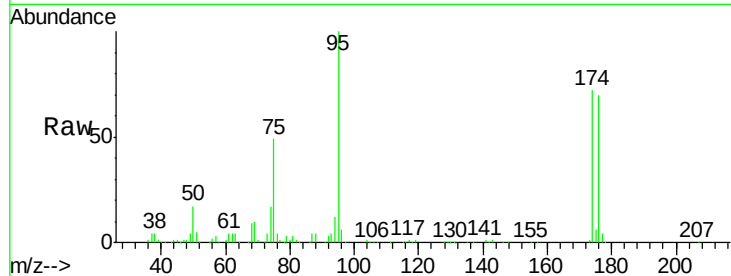
Tot Ion: 95 Resp: 75263

Ion Ratio Lower Upper

95 100

174 74.8 0.0 164.6

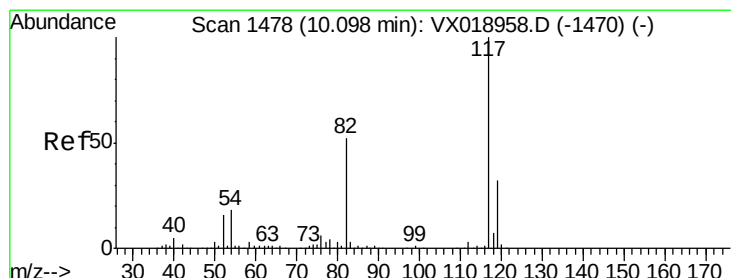
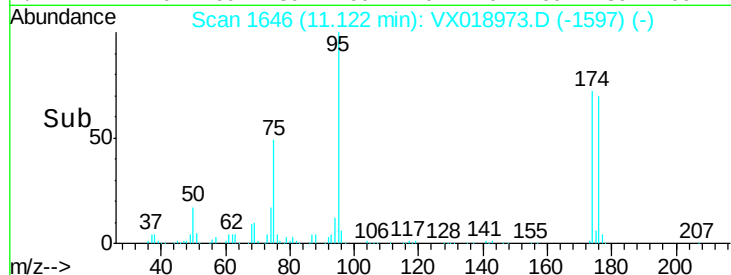
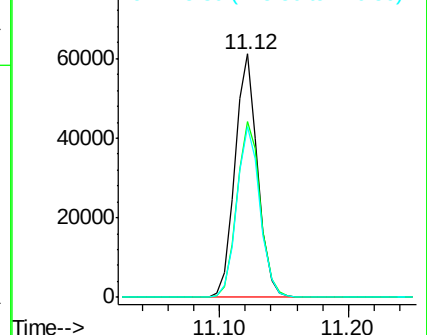
176 71.9 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX018973.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX018973.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX018973.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018973.D

Acq: 20 Oct 2020 00:03

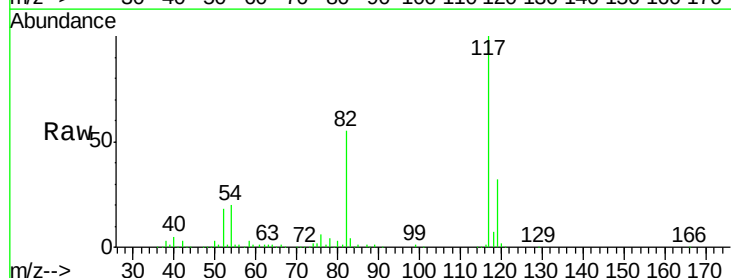
Tgt Ion: 117 Resp: 155124

Ion Ratio Lower Upper

117 100

82 54.9 41.6 62.4

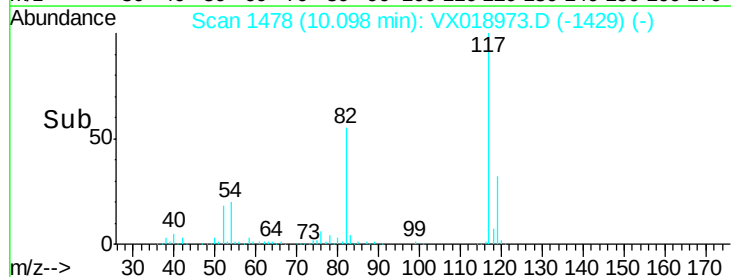
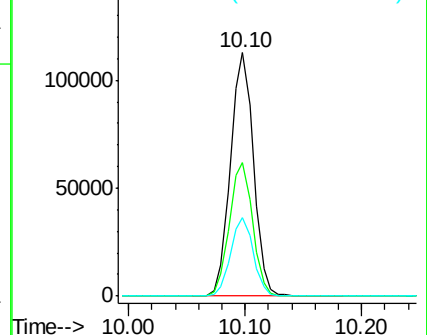
119 32.5 25.4 38.2

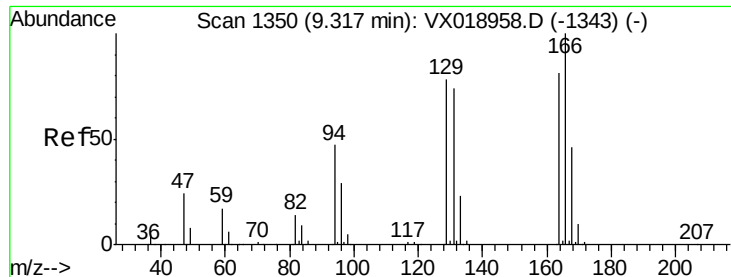


Abundance Ion 116.90 (116.60 to 117.60): VX018973.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX018973.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX018973.D (-1429) (-)





#64

Tetrachloroethene

Concen: 11347.005 ug/l

RT: 9.34 min Scan# 1353

Delta R.T. 0.02 min

Lab File: VX018973.D

Acq: 20 Oct 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

PB-2020-WS-000-02

Tot Ion:164 Resp:12436917

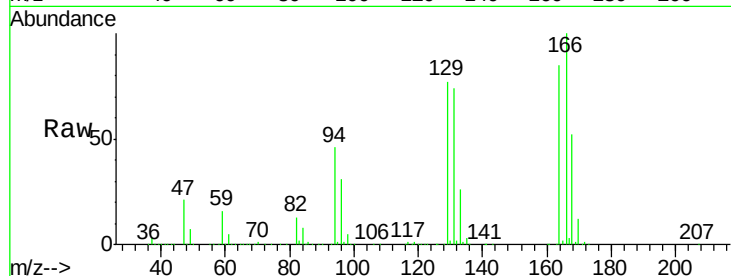
Ion Ratio Lower Upper

164 100

166 117.2 98.9 148.3

129 90.6 77.0 115.4

131 86.8 73.0 109.6



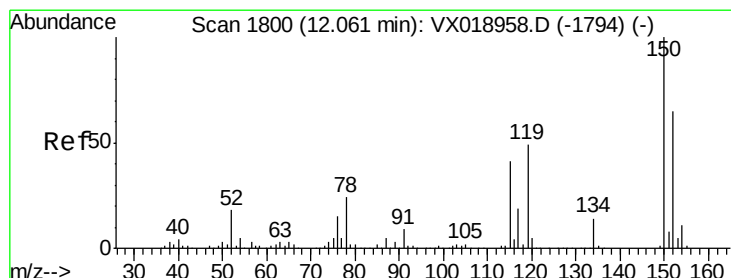
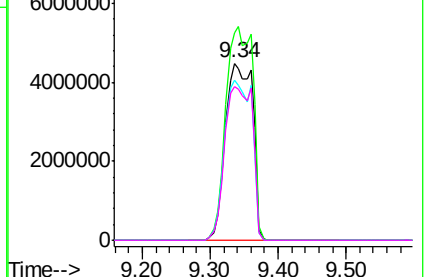
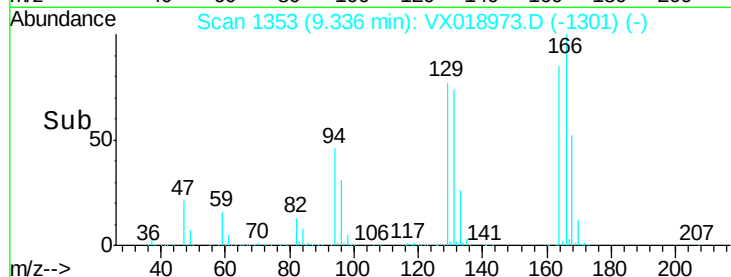
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018973.D

Acq: 20 Oct 2020 00:03

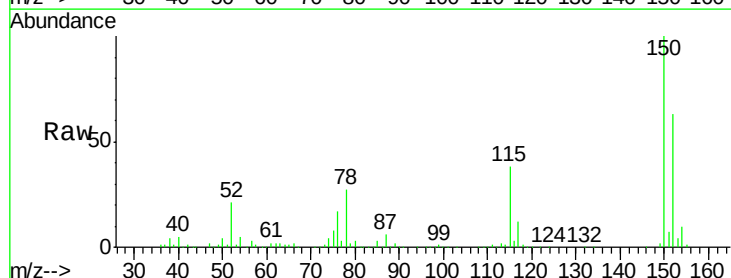
Tgt Ion:152 Resp: 74255

Ion Ratio Lower Upper

152 100

115 60.8 40.8 122.2

150 156.0 0.0 352.0



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

Time-->

