

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019549.D
 Acq On : 23 Nov 2020 14:41
 Operator : JC/MD
 Sample : L4798-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20201118

Quant Time: Nov 24 04:15:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	312796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	500399	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182704	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182478	44.99	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.98%
35) Dibromofluoromethane	5.46	113	147356	46.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.82%
50) Toluene-d8	8.70	98	586573	48.06	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.12%
62) 4-Bromofluorobenzene	11.12	95	197458	44.96	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.92%

Target Compounds

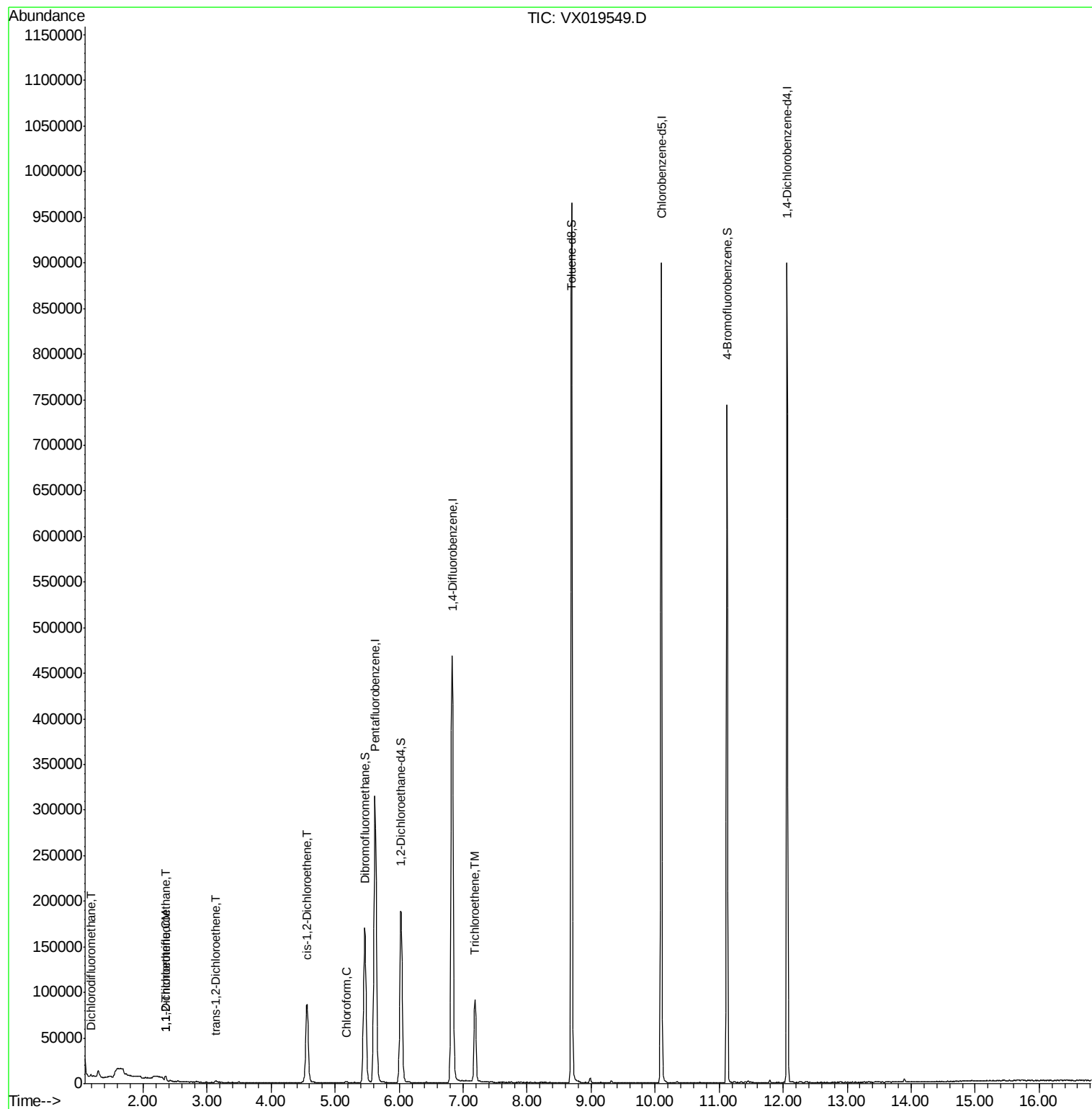
					Qvalue
2) Dichlorodifluoromethane	1.18	85	947	0.311	ug/l 84
9) 1,1,2-Trichlorotrifluoroet	2.35	101	841	0.278	ug/l 98
12) 1,1-Dichloroethene	2.34	96	1302	0.419	ug/l # 83
21) trans-1,2-Dichloroethene	3.14	96	860	0.244	ug/l # 85
27) cis-1,2-Dichloroethene	4.56	96	57486	14.224	ug/l 94
30) Chloroform	5.18	83	1486	0.231	ug/l # 80
44) Trichloroethene	7.18	130	34993	9.268	ug/l 99

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

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019549.D

Acq: 23 Nov 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

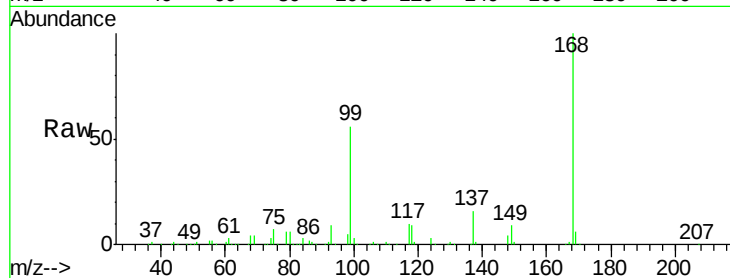
22BR-20201118

Tot Ion:168 Resp: 312796

Ion Ratio Lower Upper

168 100

99 56.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

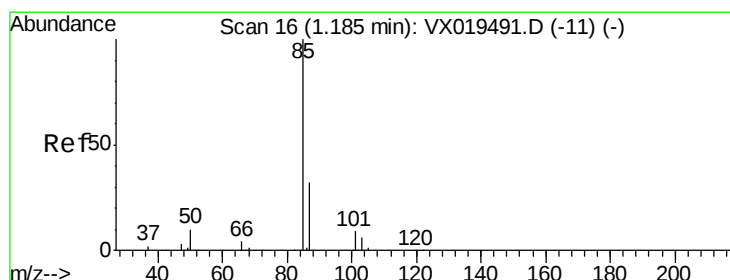
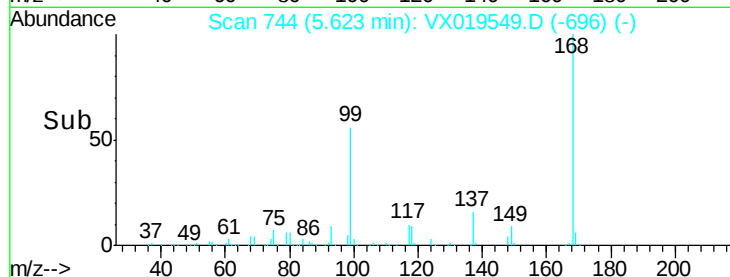
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.311 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX019549.D

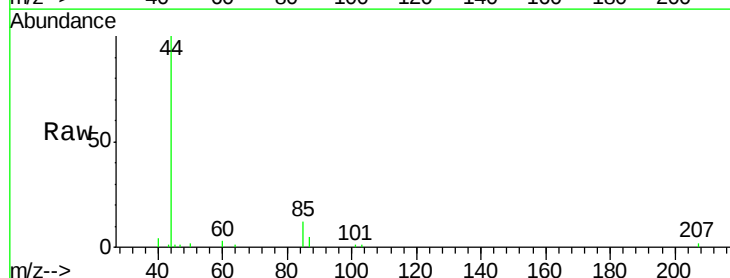
Acq: 23 Nov 2020 14:41

Tgt Ion: 85 Resp: 947

Ion Ratio Lower Upper

85 100

87 40.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

1000

800

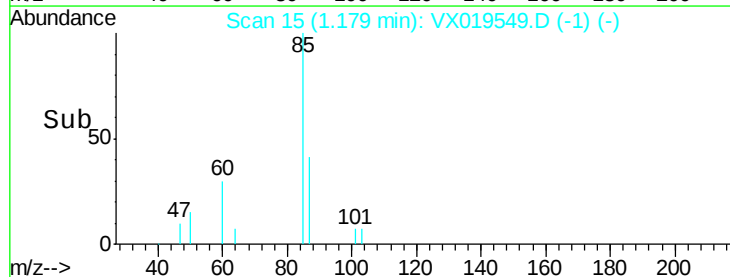
600

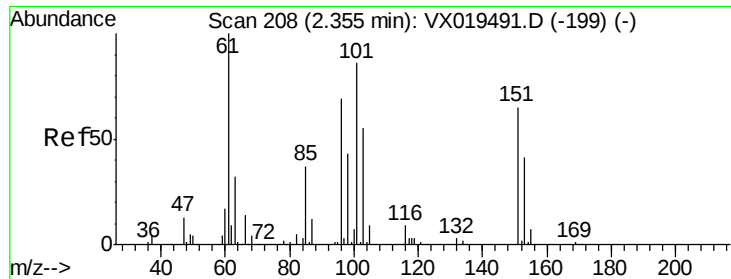
400

200

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.278 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019549.D

Acq: 23 Nov 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

22BR-20201118

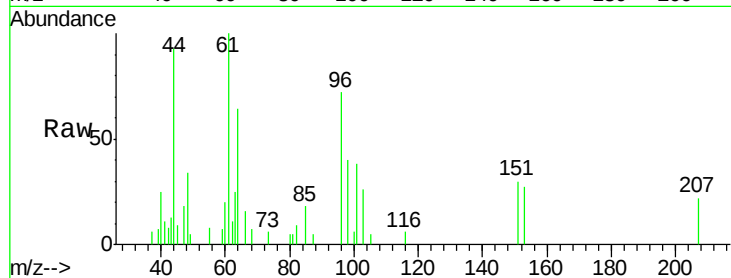
Tot Ion:101 Resp: 841

Ion Ratio Lower Upper

101 100

85 42.0 33.9 50.9

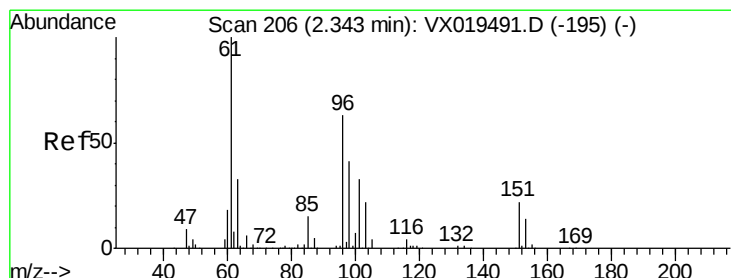
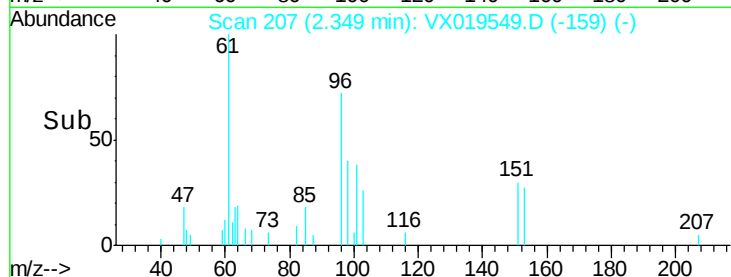
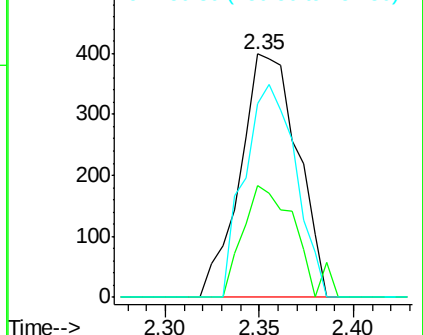
151 78.1 60.9 91.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 0.419 ug/l

RT: 2.34 min Scan# 206

Delta R.T. -0.00 min

Lab File: VX019549.D

Acq: 23 Nov 2020 14:41

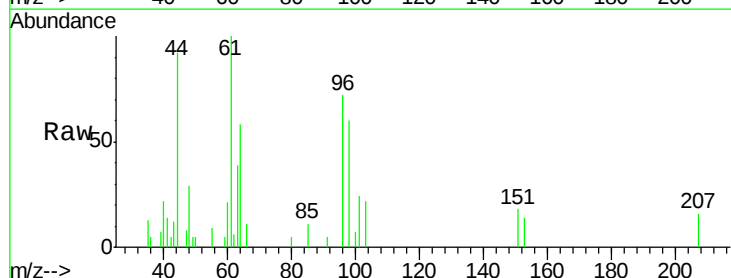
Tgt Ion: 96 Resp: 1302

Ion Ratio Lower Upper

96 100

61 139.0 126.0 189.0

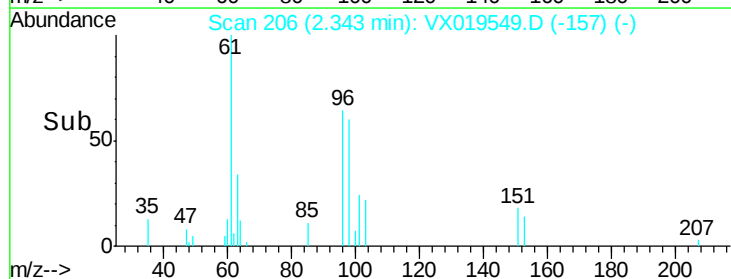
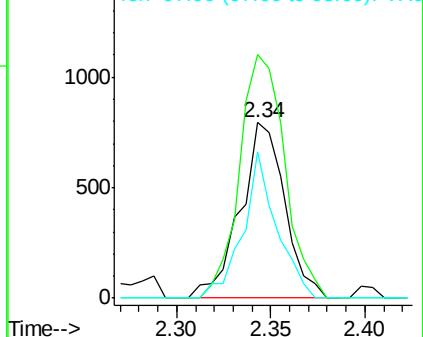
98 83.5 52.0 78.0#

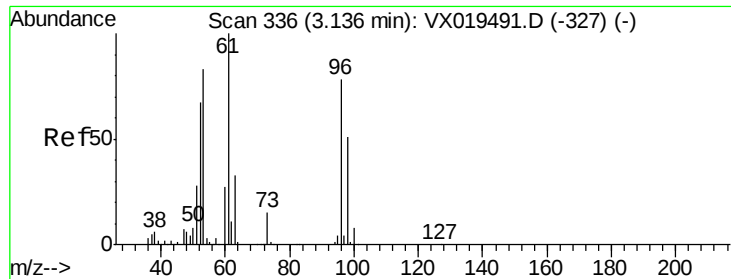


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.244 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019549.D

Acq: 23 Nov 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

22BR-20201118

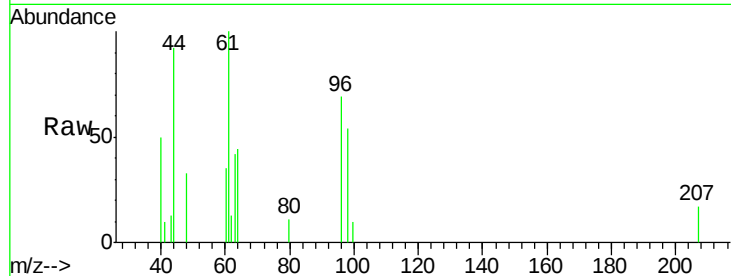
Tot Ion: 96 Resp: 860

Ion Ratio Lower Upper

96 100

61 145.3 102.9 154.3

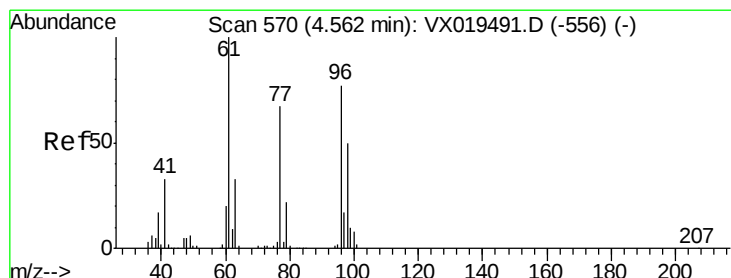
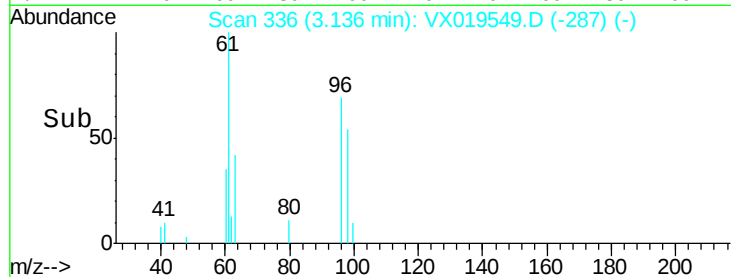
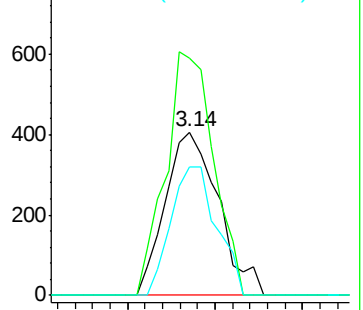
98 78.6 52.1 78.1#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 14.224 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX019549.D

Acq: 23 Nov 2020 14:41

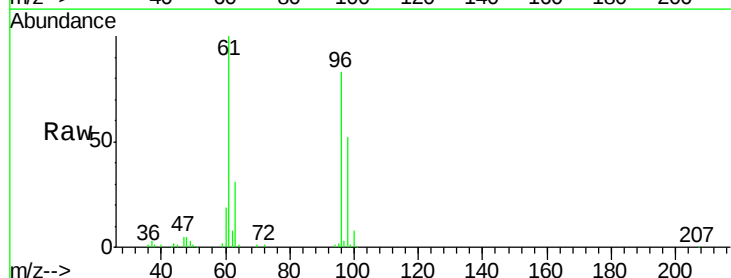
Tgt Ion: 96 Resp: 57486

Ion Ratio Lower Upper

96 100

61 129.3 0.0 279.2

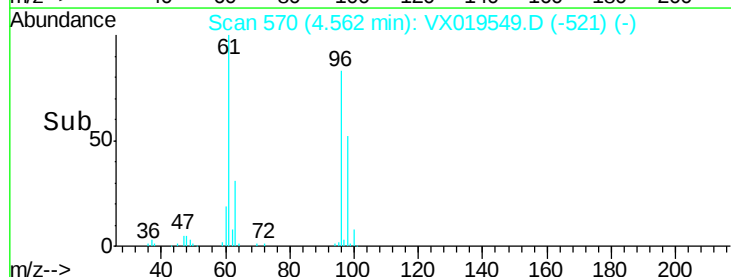
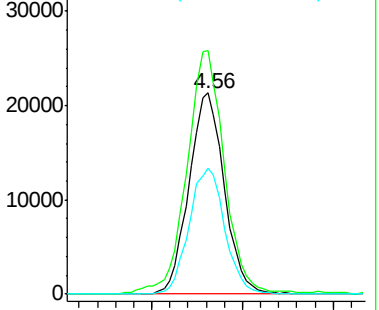
98 63.3 0.0 129.8

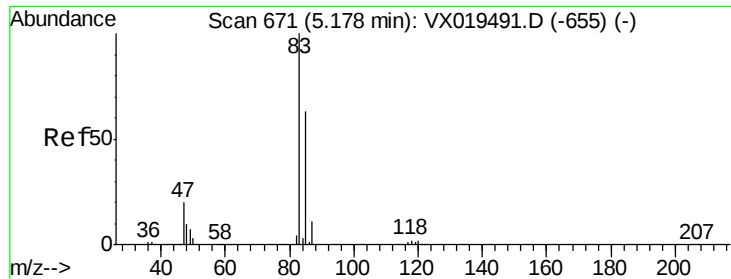


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

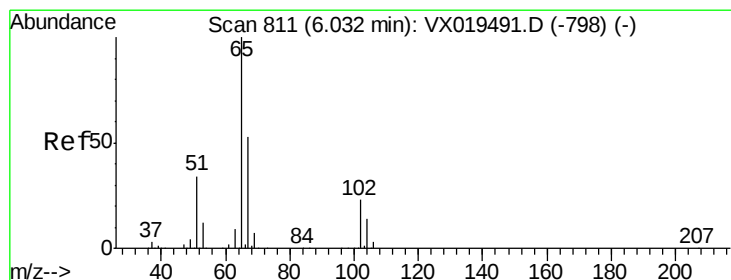
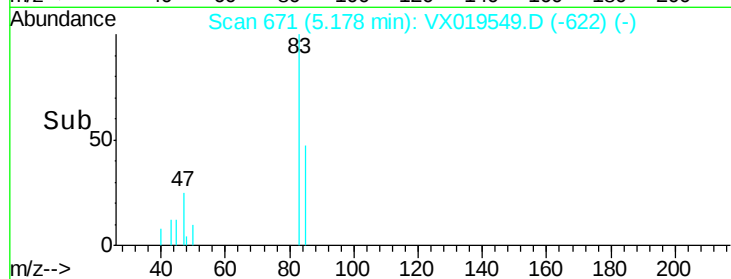
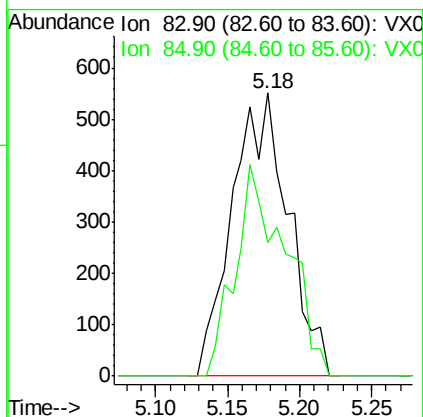
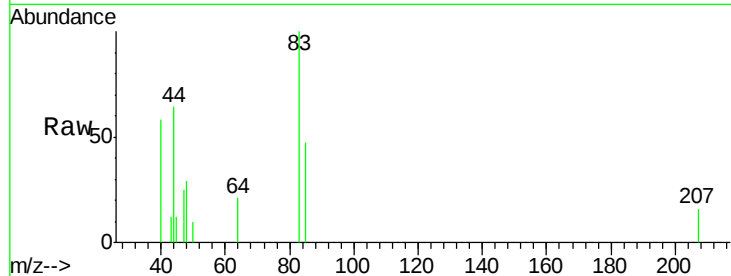




#30
Chloroform
Concen: 0.231 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

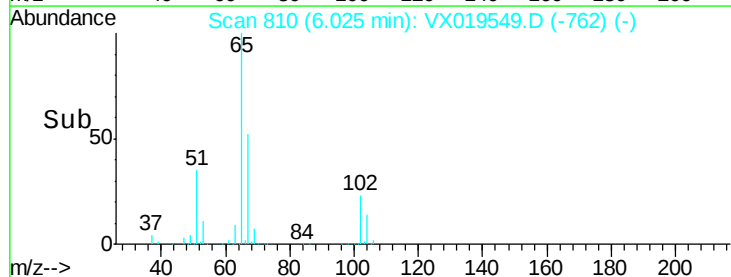
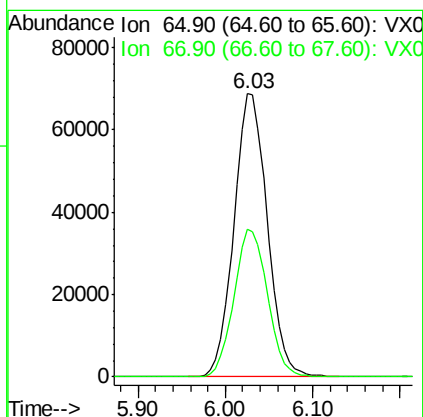
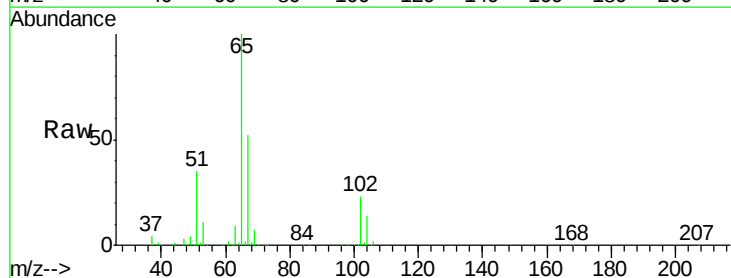
Instrument :
MSVOA_X
ClientSampleId :
22BR-20201118

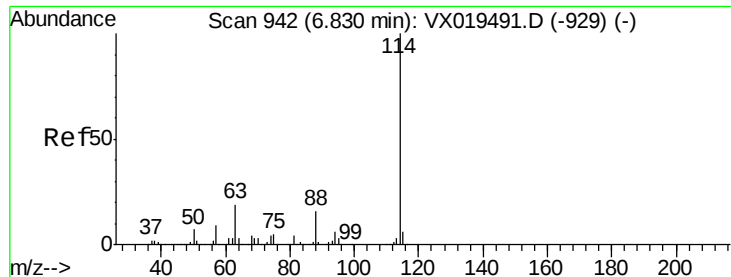
Tot Ion: 83 Resp: 1486
Ion Ratio Lower Upper
83 100
85 47.2 50.5 75.7#



#33
1,2-Dichloroethane-d4
Concen: 44.993 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion: 65 Resp: 182478
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019549.D

Acq: 23 Nov 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

22BR-20201118

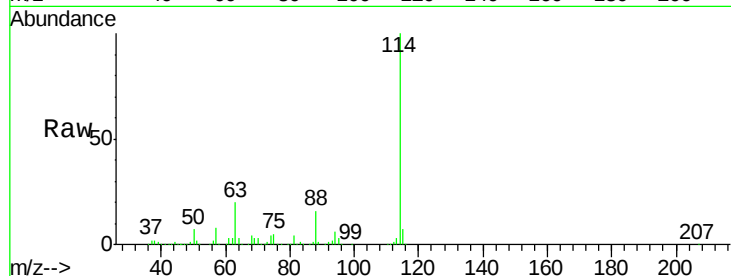
Tot Ion:114 Resp: 500399

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

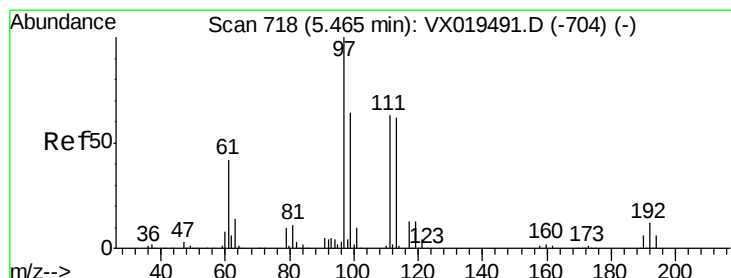
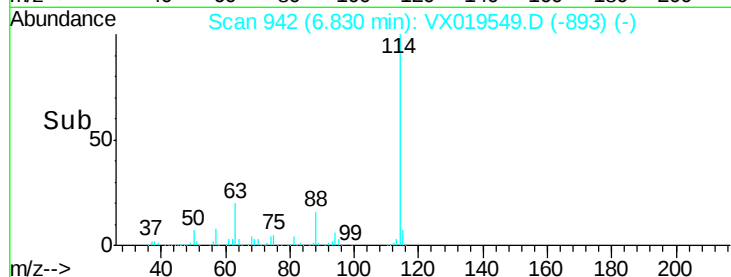
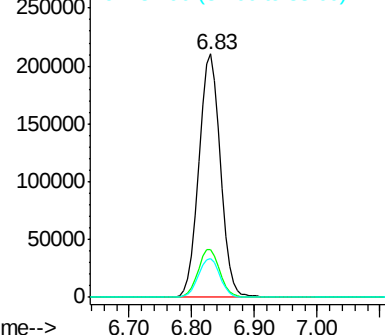
88 15.7 0.0 31.6



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: 46.914 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019549.D

Acq: 23 Nov 2020 14:41

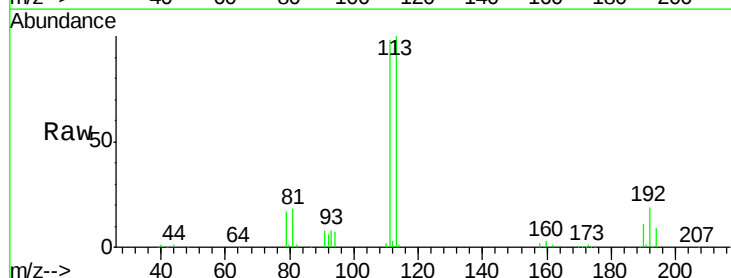
Tgt Ion:113 Resp: 147356

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

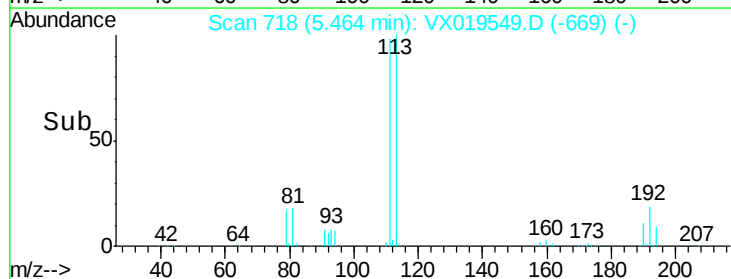
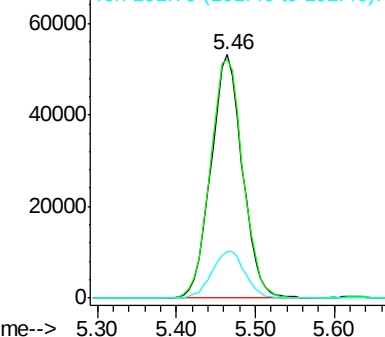
192 20.3 16.2 24.2

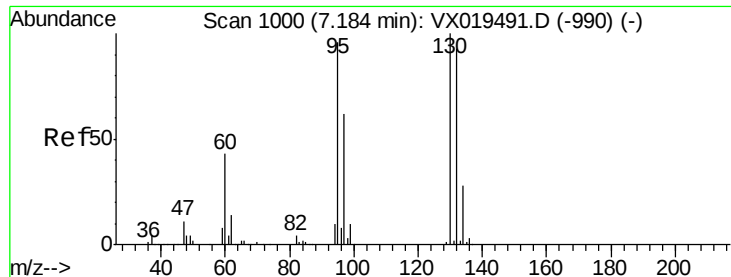


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 9.268 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019549.D

Acq: 23 Nov 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

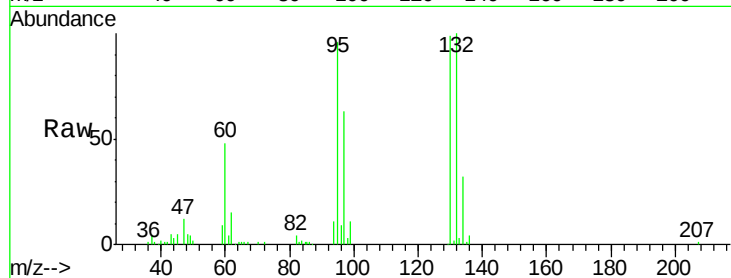
22BR-20201118

Tot Ion:130 Resp: 34993

Ion Ratio Lower Upper

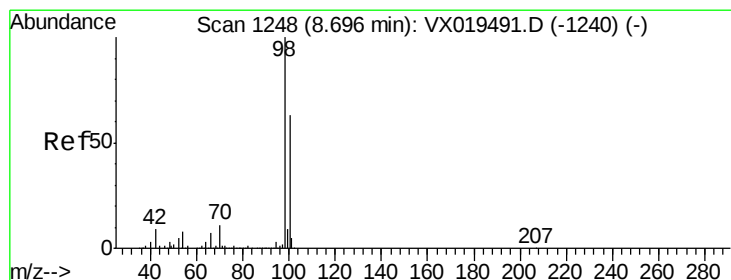
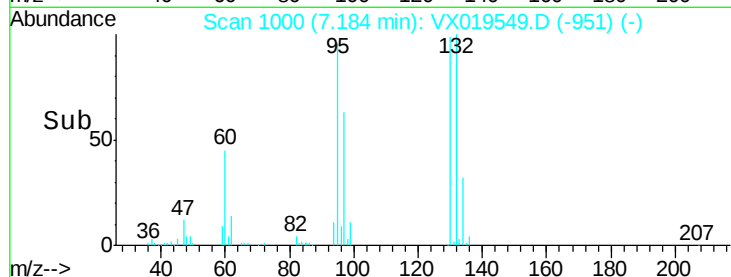
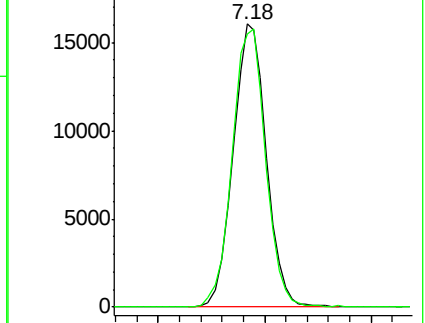
130 100

95 96.7 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.058 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019549.D

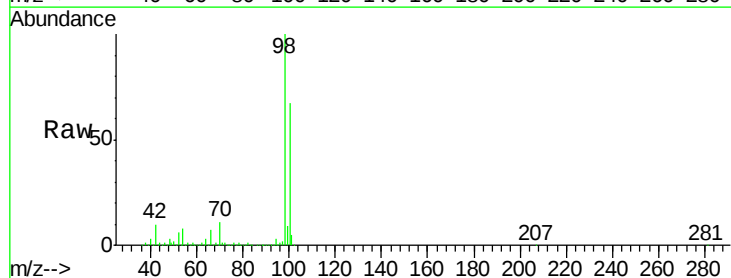
Acq: 23 Nov 2020 14:41

Tgt Ion: 98 Resp: 586573

Ion Ratio Lower Upper

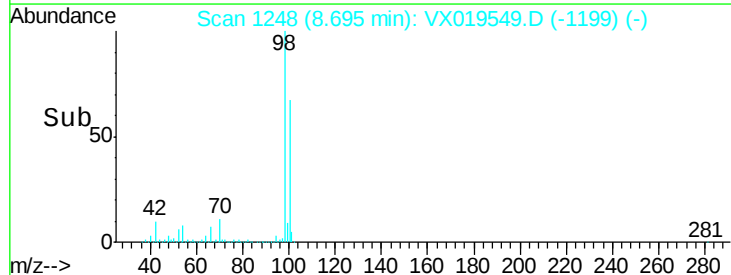
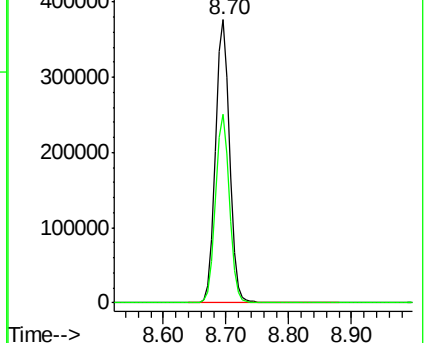
98 100

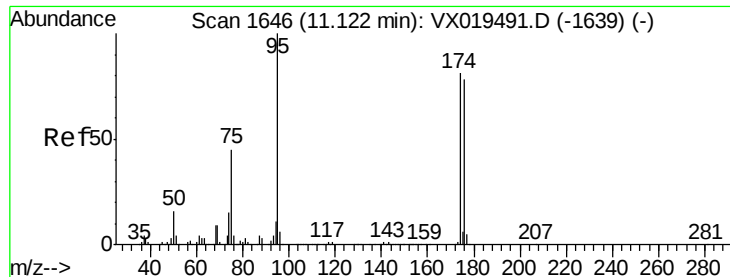
100 66.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.965 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019549.D

Acq: 23 Nov 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

22BR-20201118

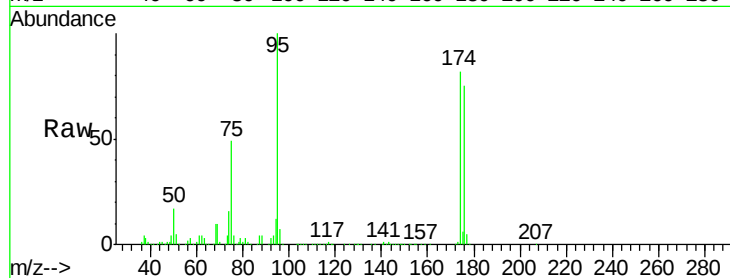
Tot Ion: 95 Resp: 197458

Ion Ratio Lower Upper

95 100

174 79.0 0.0 156.2

176 75.6 0.0 151.4



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

11.12

150000

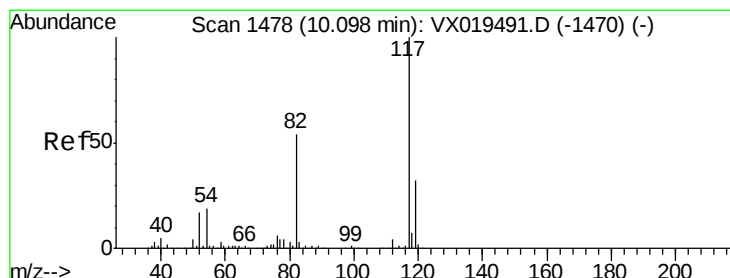
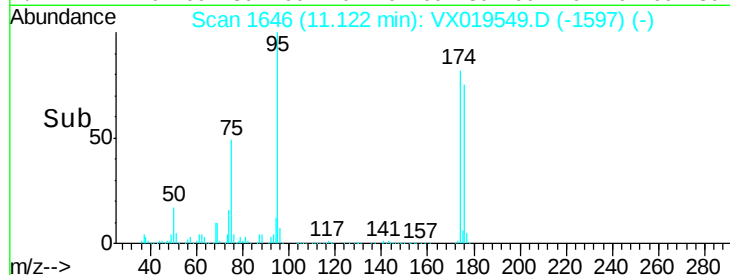
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019549.D

Acq: 23 Nov 2020 14:41

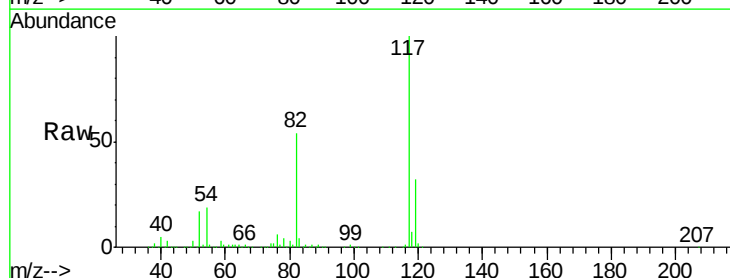
Tgt Ion: 117 Resp: 431080

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 32.4 25.6 38.4



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

10.10

400000

300000

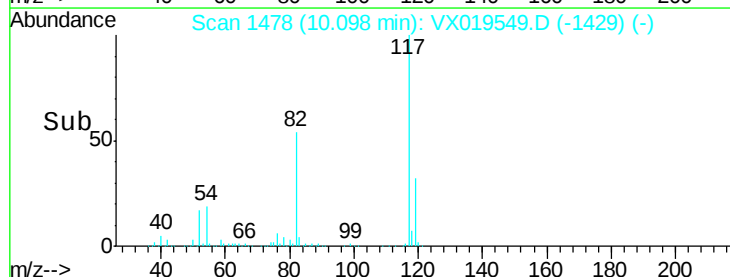
200000

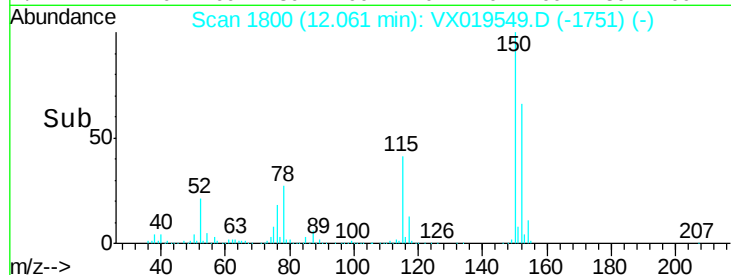
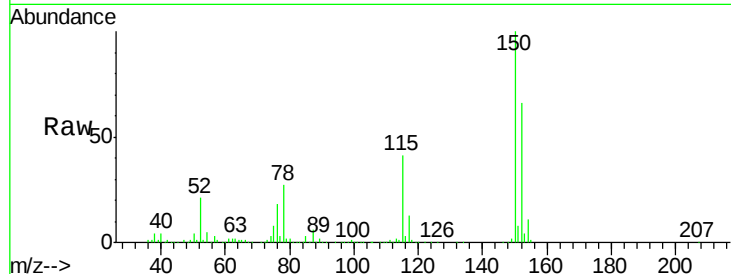
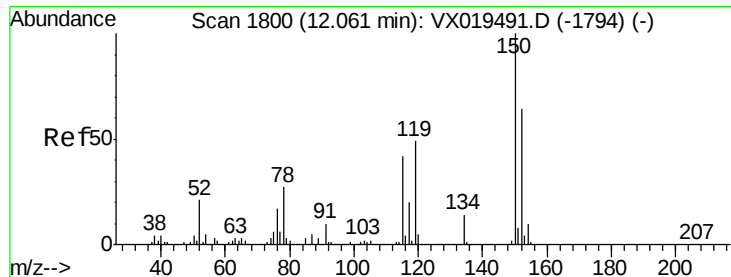
100000

0

10.00 10.10 10.20

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: VX019549.D

Acq: 23 Nov 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

22BR-20201118

Tot Ion:152 Resp: 182704

Ion Ratio Lower Upper

152 100

115 60.5 41.8 125.4

150 155.1 0.0 348.2

