

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019829.D
 Acq On : 10 Dec 2020 16:40
 Operator : JC/MD
 Sample : L4996-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20201208

Quant Time: Dec 11 12:43:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	317818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	528575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	481834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207129	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	204318	48.91	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.82%
35) Dibromofluoromethane	5.46	113	162285	47.51	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.02%
50) Toluene-d8	8.70	98	639669	49.05	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.10%
62) 4-Bromofluorobenzene	11.12	95	224755	45.28	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.56%

Target Compounds

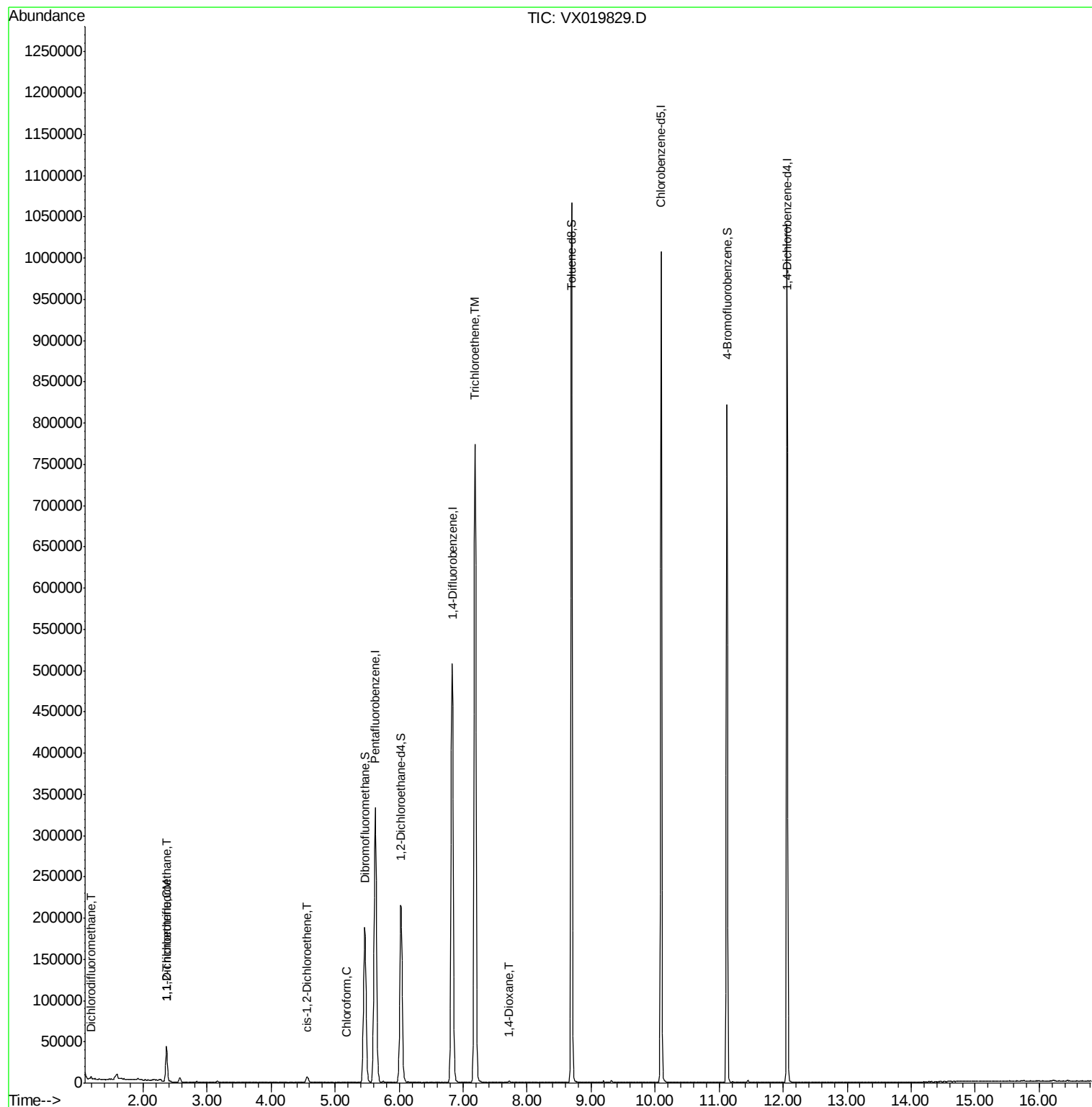
					Qvalue
2) Dichlorodifluoromethane	1.18	85	1358	0.467	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	15916	5.526	ug/l 99
12) 1,1-Dichloroethene	2.36	96	2683	0.921	ug/l 92
27) cis-1,2-Dichloroethene	4.56	96	4674	1.176	ug/l 91
30) Chloroform	5.18	83	1322	0.214	ug/l 96
44) Trichloroethene	7.19	130	307827	80.411	ug/l 99
49) 1,4-Dioxane	7.71	88	1252	13.403	ug/l # 85

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121020\
Data File : VX019829.D
Acq On : 10 Dec 2020 16:40
Operator : JC/MD
Sample : L4996-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Quant Time: Dec 11 12:43:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019829.D

Acq: 10 Dec 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

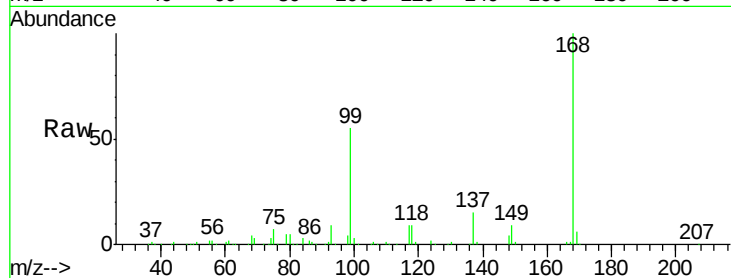
RE105D1-20201208

Tot Ion:168 Resp: 317818

Ion Ratio Lower Upper

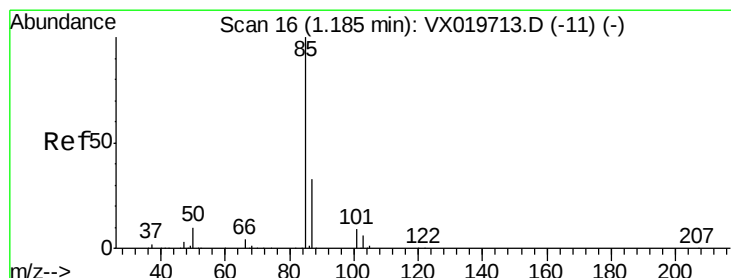
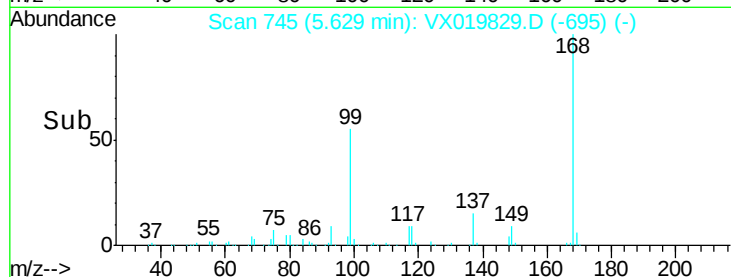
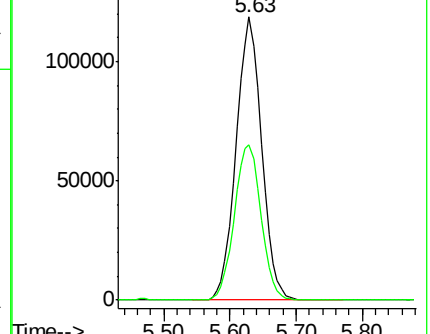
168 100

99 54.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.467 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019829.D

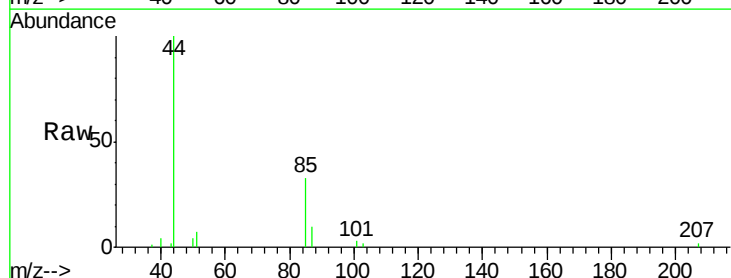
Acq: 10 Dec 2020 16:40

Tgt Ion: 85 Resp: 1358

Ion Ratio Lower Upper

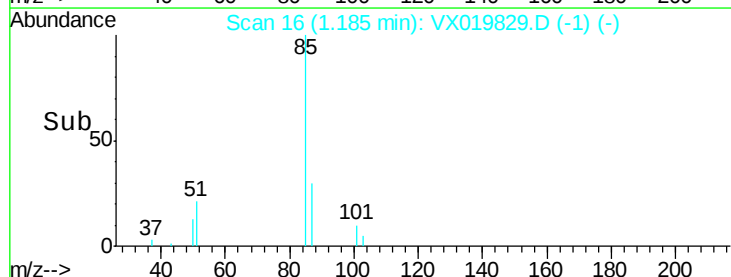
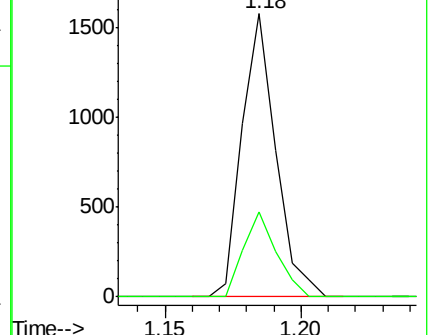
85 100

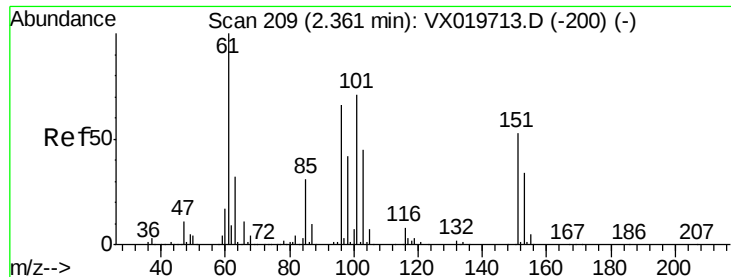
87 29.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.526 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX019829.D

Acq: 10 Dec 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20201208

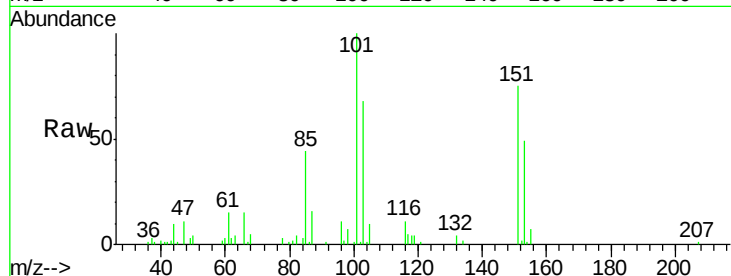
Tot Ion:101 Resp: 15916

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

151 75.8 61.4 92.2

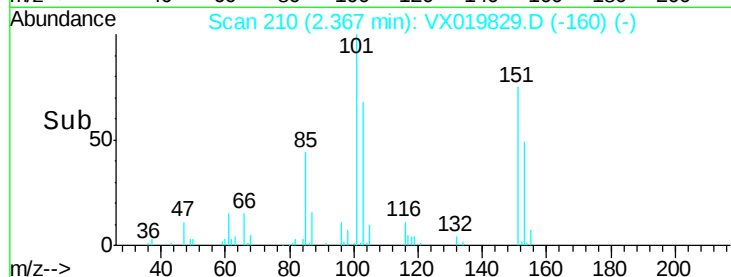


Abundance Ion 100.90 (100.60 to 101.60): V

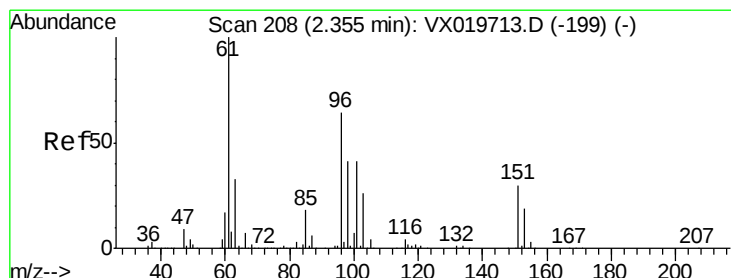
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

Time-->



Time-->



#12

1,1-Dichloroethene

Concen: 0.921 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019829.D

Acq: 10 Dec 2020 16:40

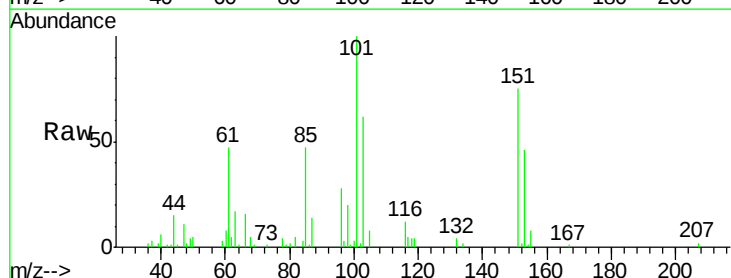
Tgt Ion: 96 Resp: 2683

Ion Ratio Lower Upper

96 100

61 164.5 124.6 187.0

98 71.3 50.6 76.0

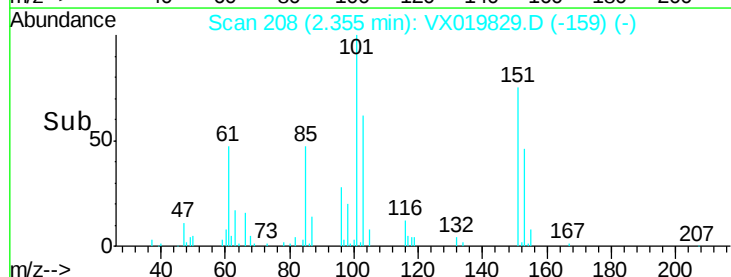


Abundance Ion 95.90 (95.60 to 96.60): VX0

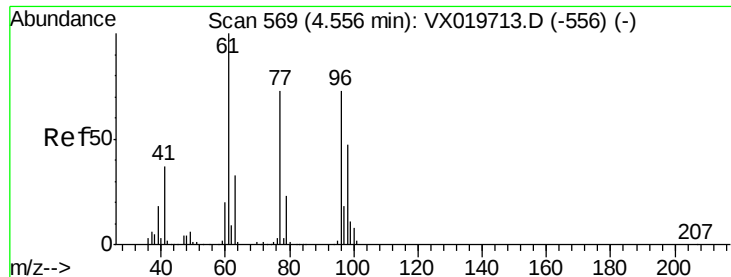
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->



Time-->

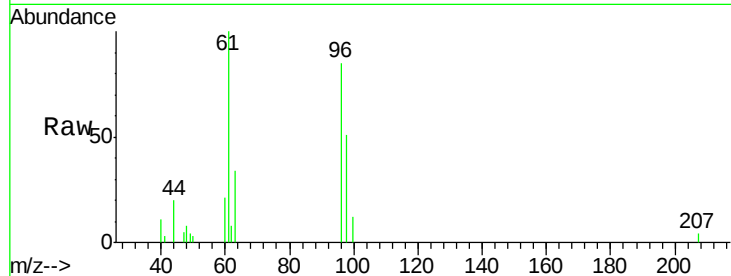


#27

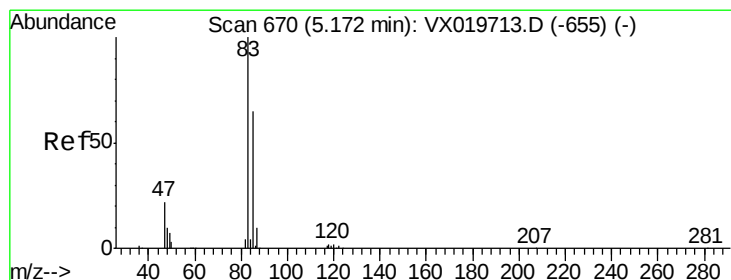
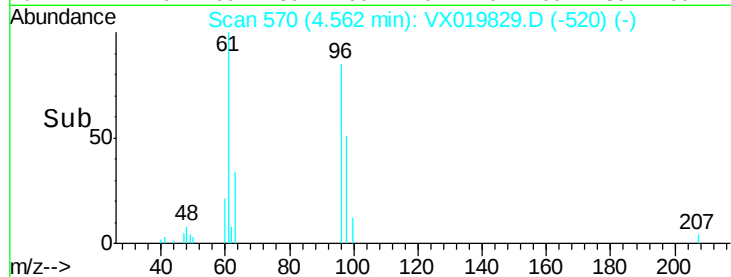
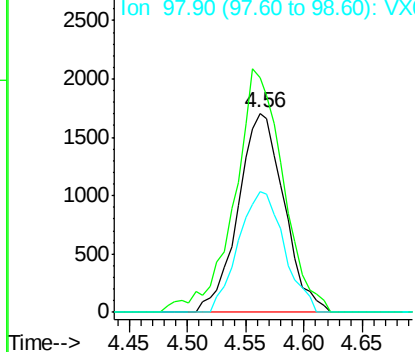
cis-1,2-Dichloroethene
 Concen: 1.176 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX019829.D
 Acq: 10 Dec 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20201208

Tot Ion: 96 Resp: 4674
 Ion Ratio Lower Upper
 96 100
 61 129.3 0.0 285.6
 98 60.4 0.0 129.6



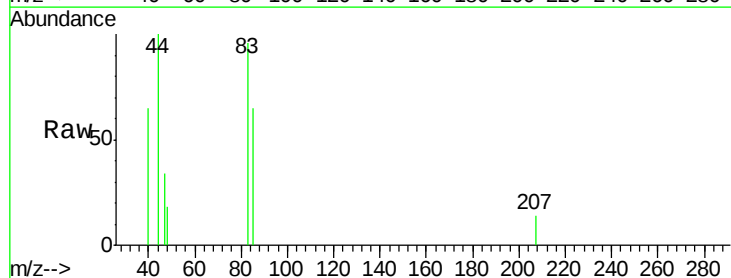
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



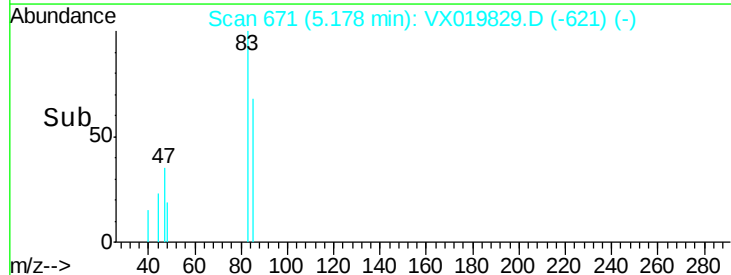
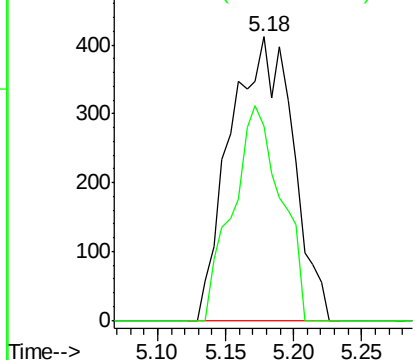
#30

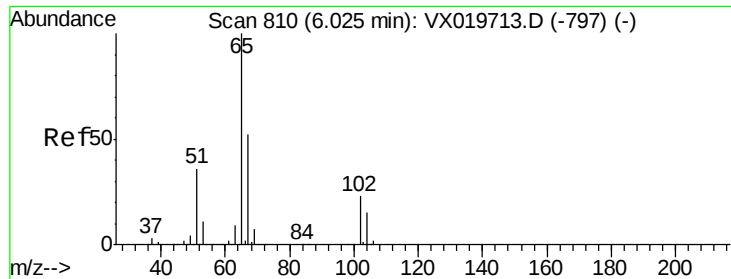
Chloroform
 Concen: 0.214 ug/l
 RT: 5.18 min Scan# 671
 Delta R.T. 0.01 min
 Lab File: VX019829.D
 Acq: 10 Dec 2020 16:40

Tgt Ion: 83 Resp: 1322
 Ion Ratio Lower Upper
 83 100
 85 68.4 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0

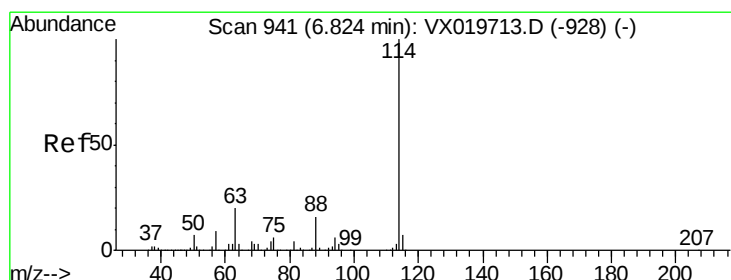
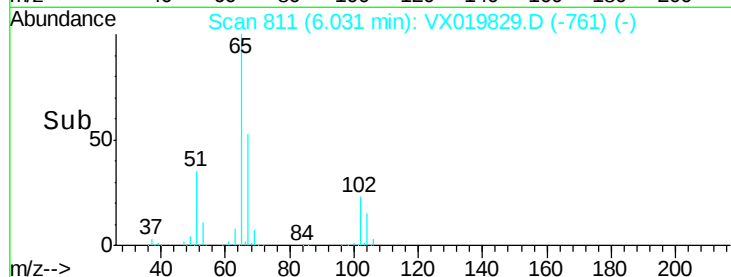
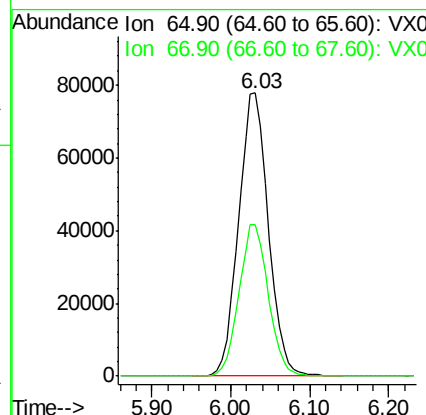
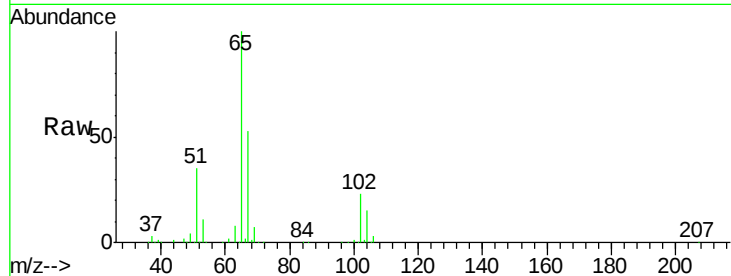




#33
 1,2-Dichloroethane-d4
 Concen: 48.914 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019829.D
 Acq: 10 Dec 2020 16:40

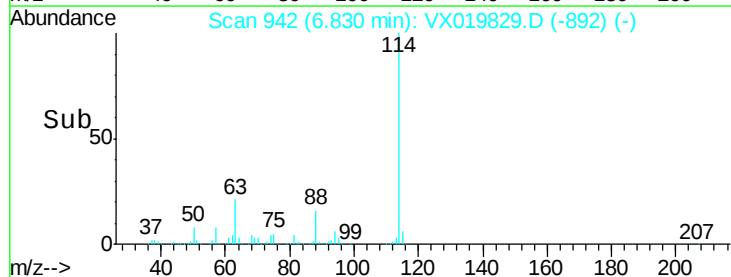
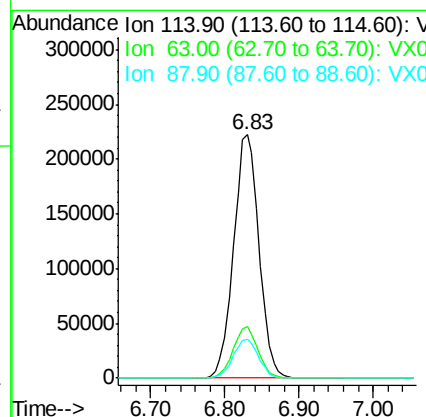
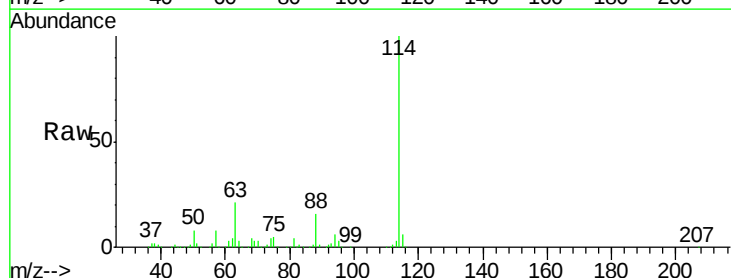
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20201208

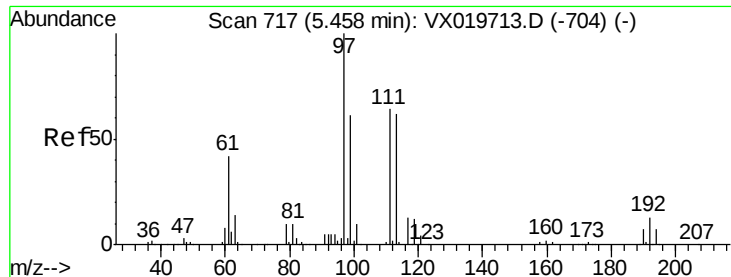
Tot Ion: 65 Resp: 204318
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019829.D
 Acq: 10 Dec 2020 16:40

Tgt Ion: 114 Resp: 528575
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.506 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019829.D

Acq: 10 Dec 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20201208

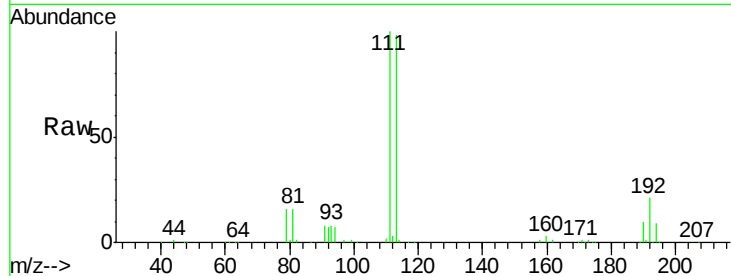
Tot Ion:113 Resp: 162285

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

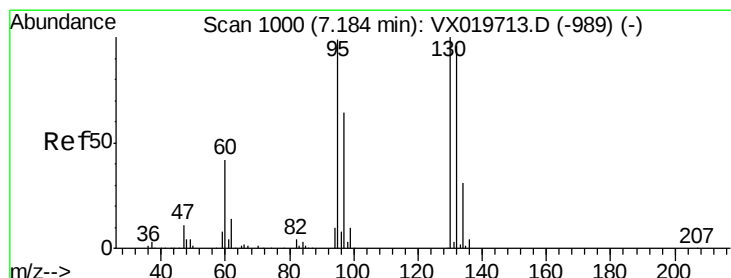
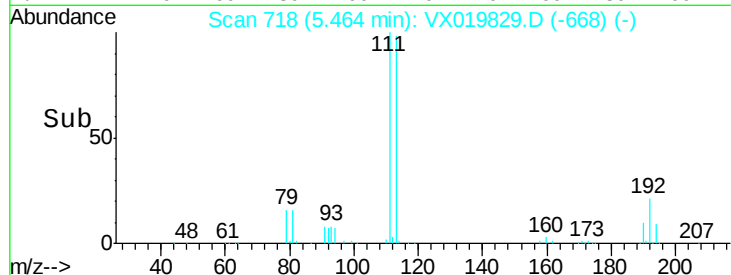
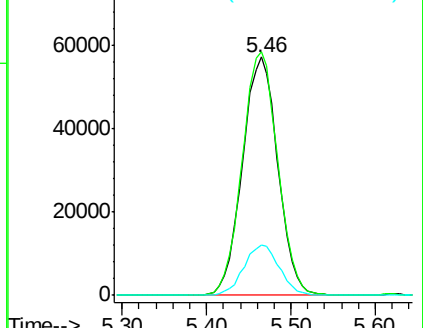
192 21.3 16.7 25.1



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: 80.411 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019829.D

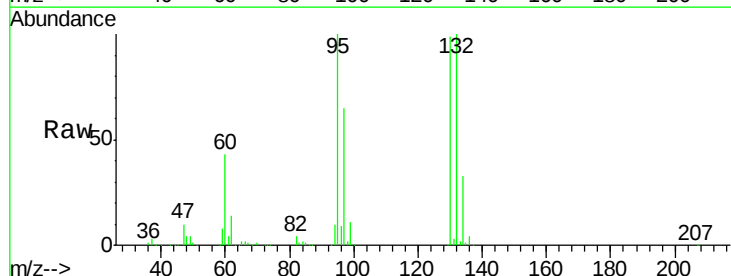
Acq: 10 Dec 2020 16:40

Tgt Ion:130 Resp: 307827

Ion Ratio Lower Upper

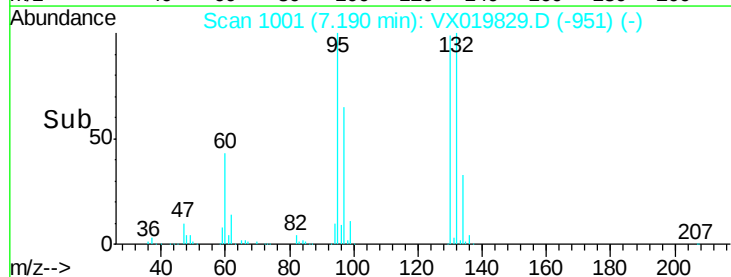
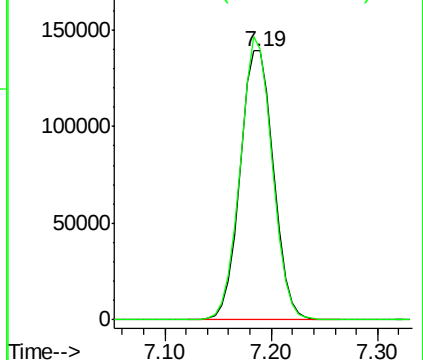
130 100

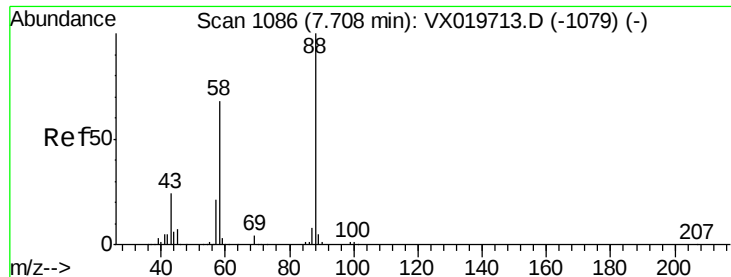
95 100.4 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 13.403 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX019829.D

Acq: 10 Dec 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20201208

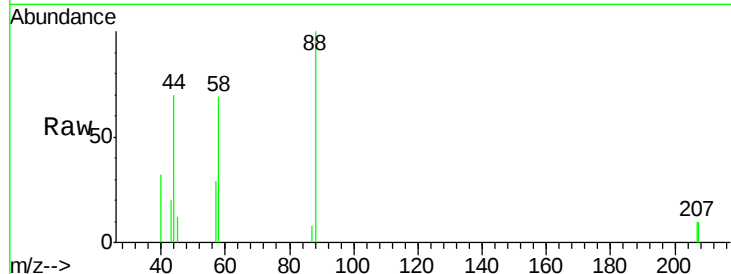
Tot Ion: 88 Resp: 1252

Ion Ratio Lower Upper

88 100

43 12.9 23.2 34.8#

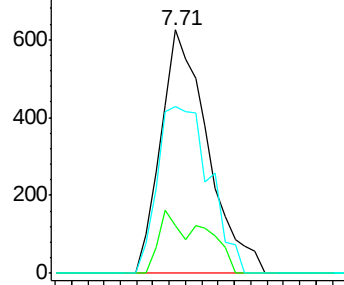
58 76.2 55.0 82.4



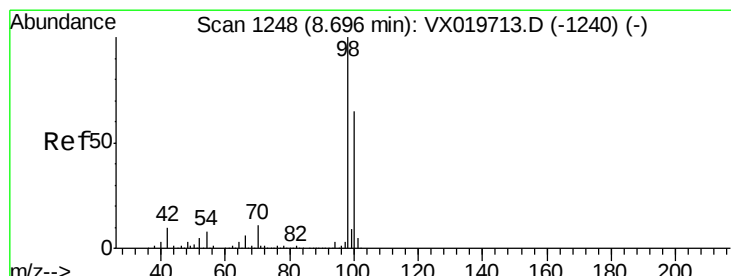
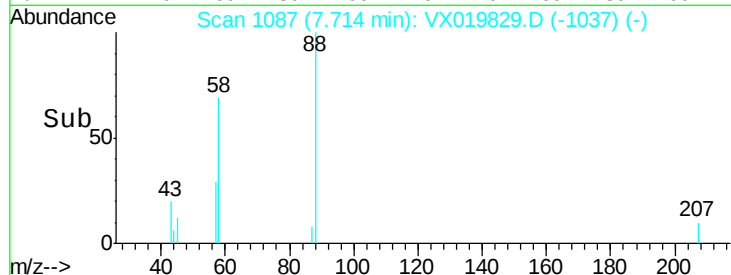
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 49.048 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019829.D

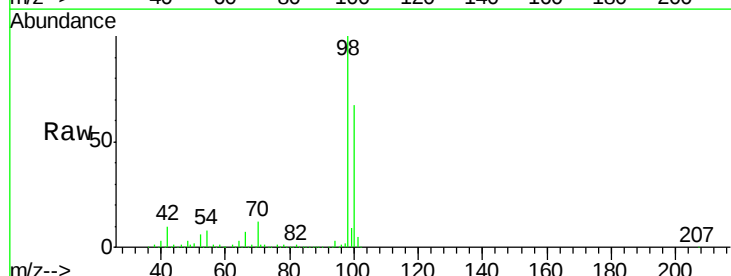
Acq: 10 Dec 2020 16:40

Tgt Ion: 98 Resp: 639669

Ion Ratio Lower Upper

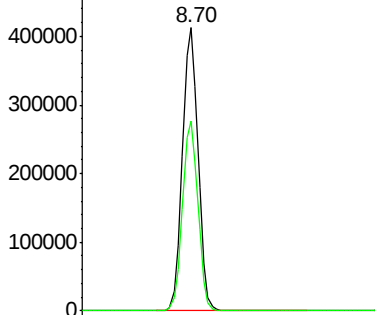
98 100

100 66.2 51.9 77.9

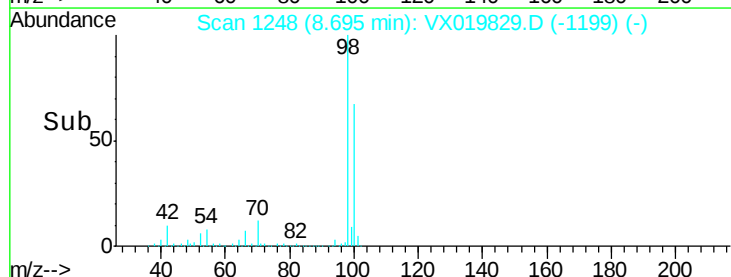


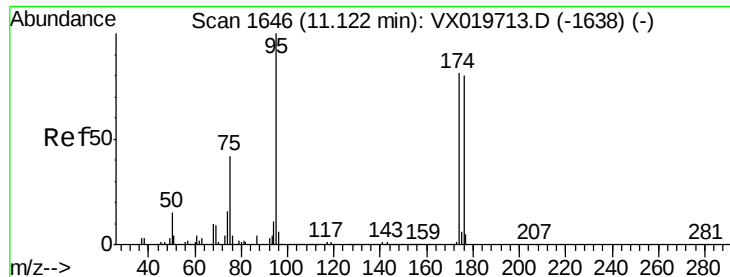
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->





#62

4-Bromofluorobenzene

Concen: 45.278 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019829.D

Acq: 10 Dec 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20201208

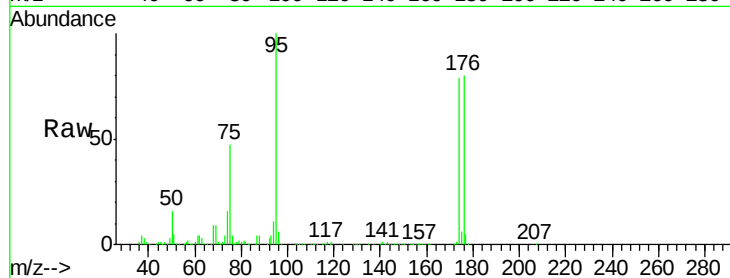
Tot Ion: 95 Resp: 224755

Ion Ratio Lower Upper

95 100

174 78.7 0.0 154.6

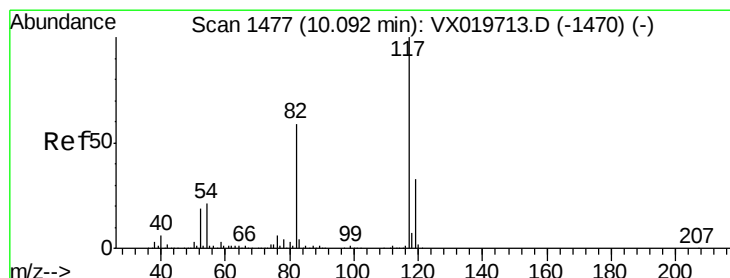
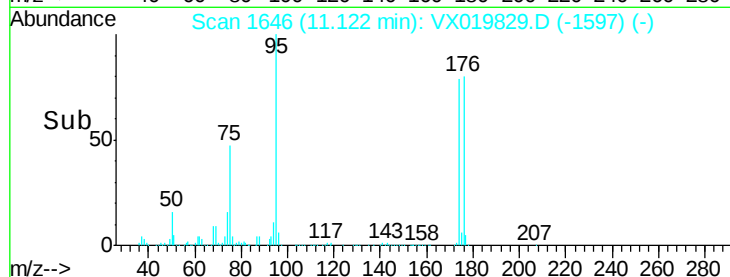
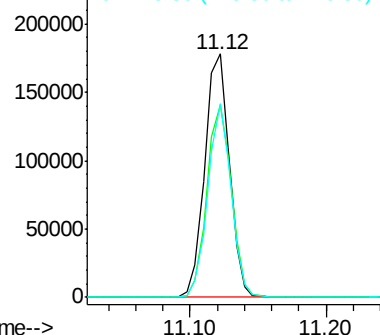
176 75.4 0.0 155.8



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. 0.01 min

Lab File: VX019829.D

Acq: 10 Dec 2020 16:40

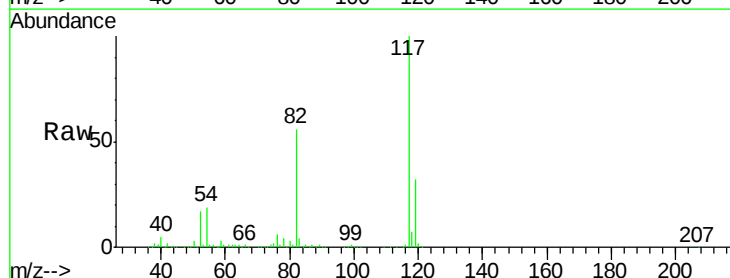
Tgt Ion: 117 Resp: 481834

Ion Ratio Lower Upper

117 100

82 56.3 47.4 71.2

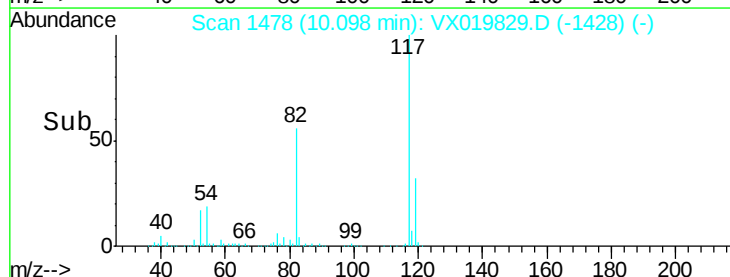
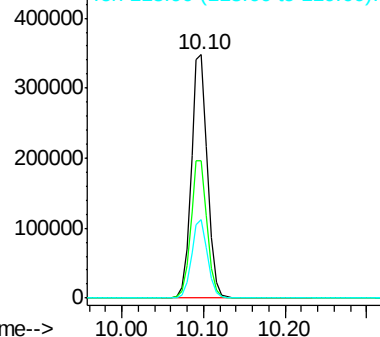
119 32.0 26.6 39.8

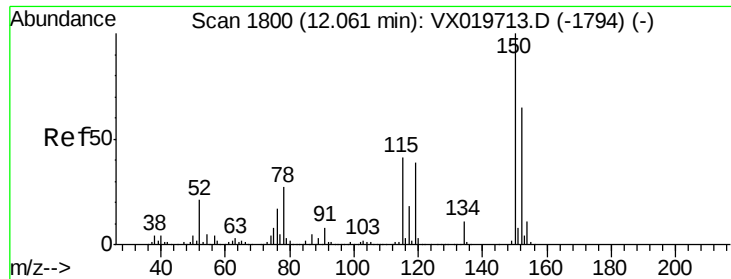


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019829.D

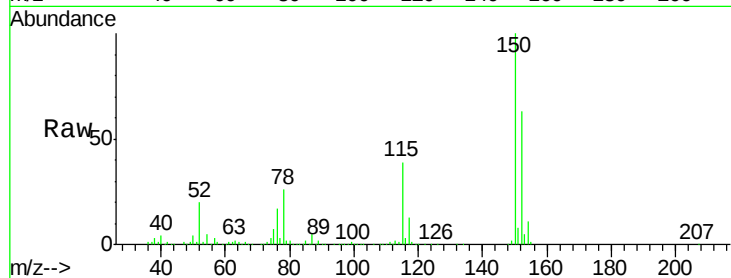
Acq: 10 Dec 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20201208



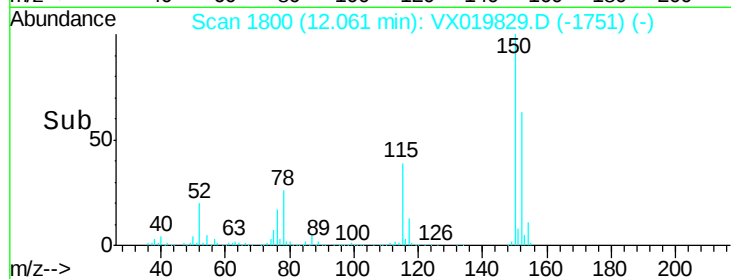
Tot Ion:152 Resp: 207129

Ion Ratio Lower Upper

152 100

115 61.1 41.1 123.3

150 157.9 0.0 349.0



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

