

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019800.D
 Acq On : 10 Dec 2020 01:05
 Operator : JC/MD
 Sample : L4993-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5031-120720

Quant Time: Dec 10 07:01:46 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	332149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	545629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	492878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218330	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	206606	47.33	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.66%		
35) Dibromofluoromethane	5.46	113	166676	47.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.54%		
50) Toluene-d8	8.70	98	655437	48.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.38%		
62) 4-Bromofluorobenzene	11.12	95	232158	45.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.62%		

Target Compounds

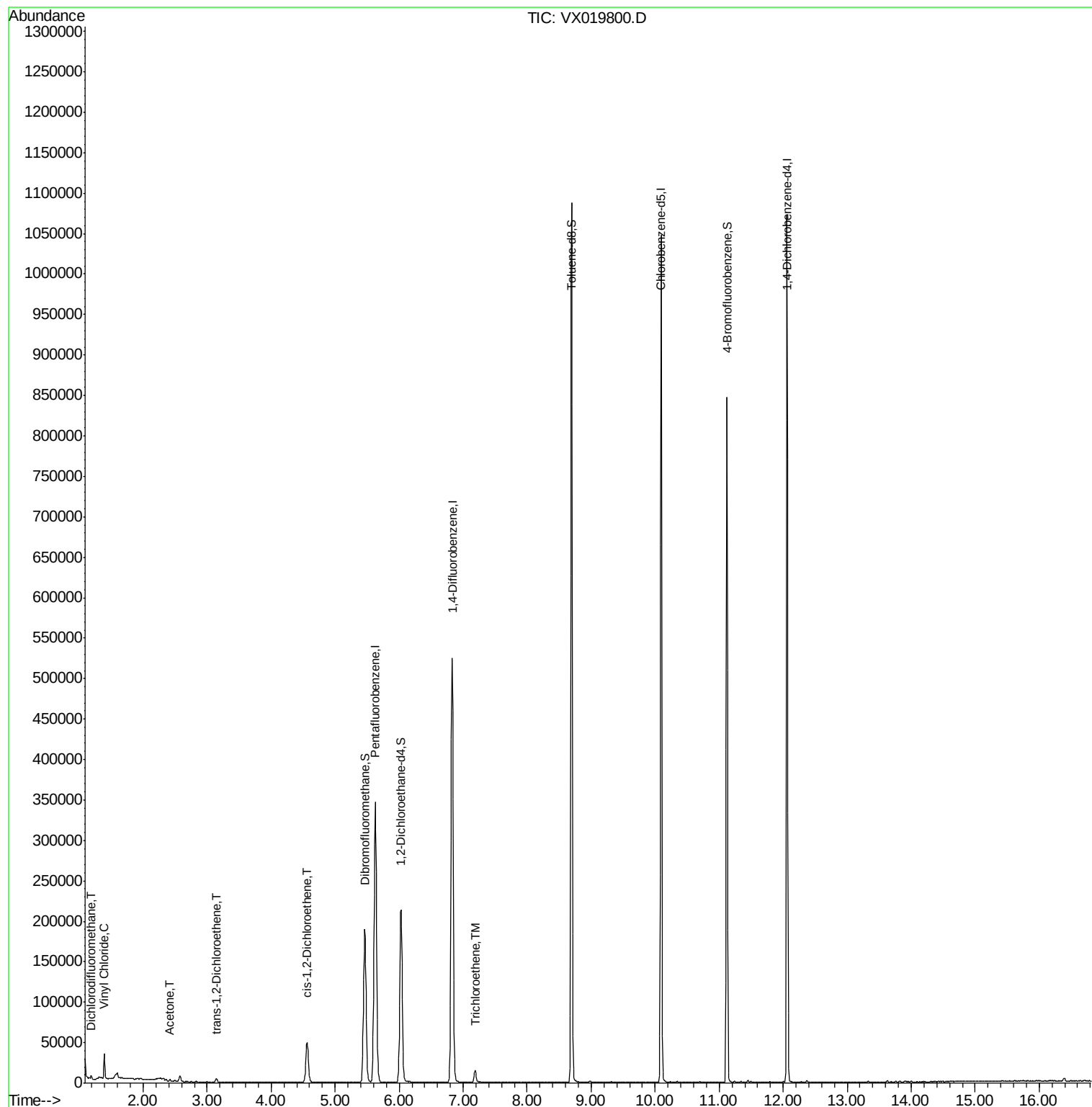
					Qvalue
2) Dichlorodifluoromethane	1.18	85	1472	0.484 ug/l	89
4) Vinyl Chloride	1.39	62	17891	4.744 ug/l	98
16) Acetone	2.42	43	1556	0.948 ug/l #	80
21) trans-1,2-Dichloroethene	3.14	96	1839	0.518 ug/l	90
27) cis-1,2-Dichloroethene	4.56	96	33199	7.996 ug/l	88
44) Trichloroethene	7.19	130	5065	1.282 ug/l	99

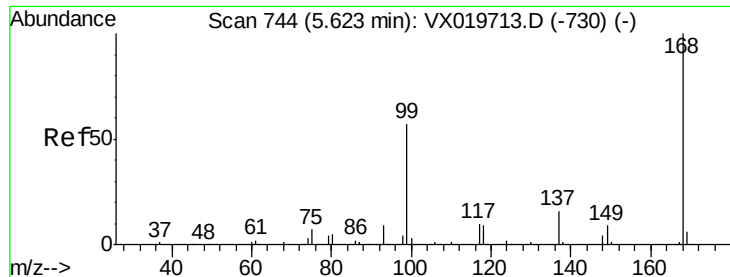
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120920\
Data File : VX019800.D
Acq On : 10 Dec 2020 01:05
Operator : JC/MD
Sample : L4993-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Quant Time: Dec 10 07:01:46 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: VX019800.D

Acq: 10 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

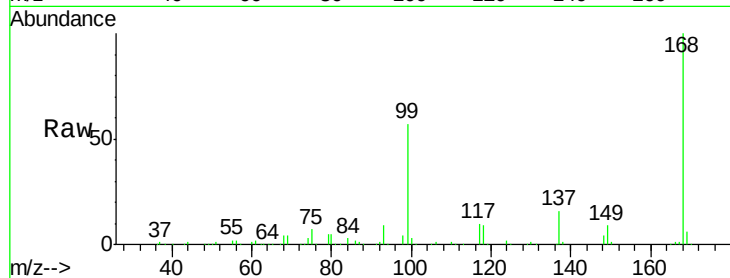
TU032-32-5031-120720

Tot Ion:168 Resp: 332149

Ion Ratio Lower Upper

168 100

99 57.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

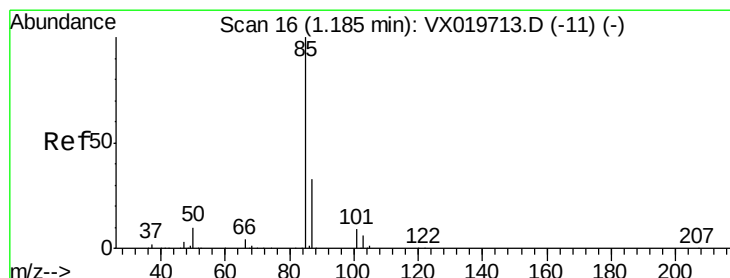
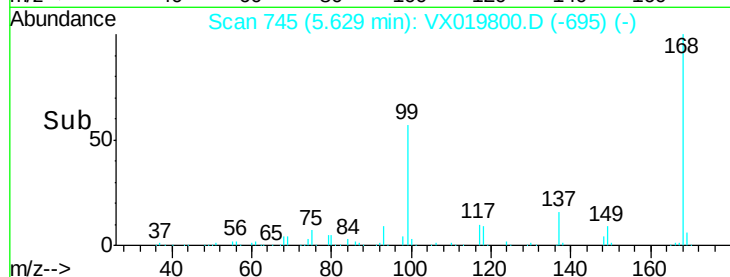
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.484 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019800.D

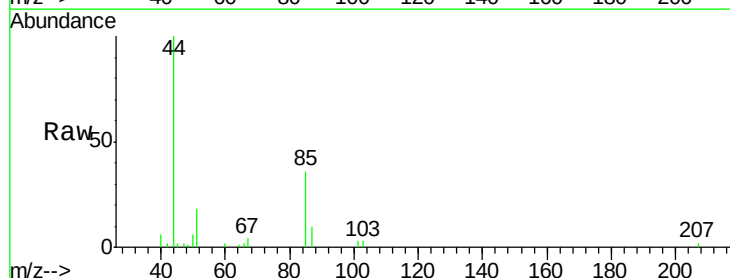
Acq: 10 Dec 2020 01:05

Tgt Ion: 85 Resp: 1472

Ion Ratio Lower Upper

85 100

87 26.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

2000

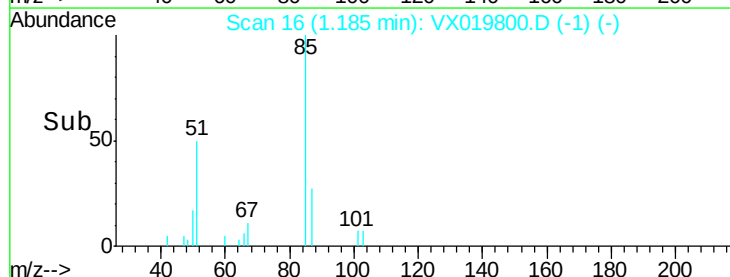
1500

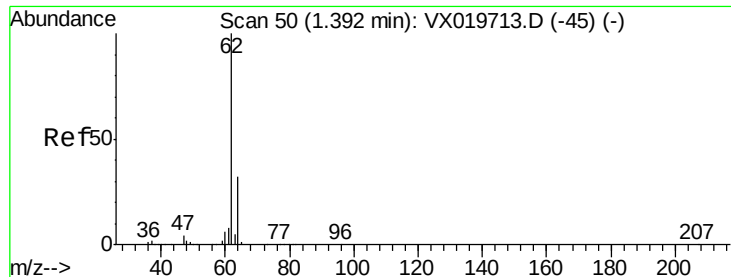
1000

500

0

Time-->





#4

Vinyl Chloride

Concen: 4.744 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019800.D

Acq: 10 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

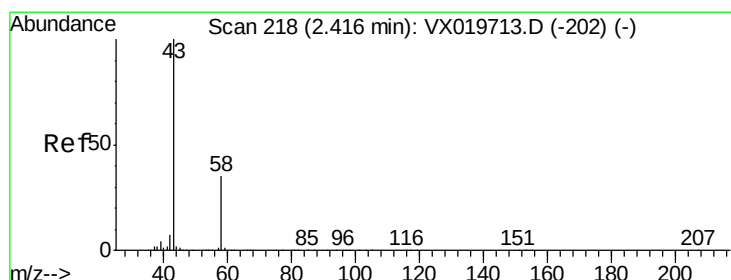
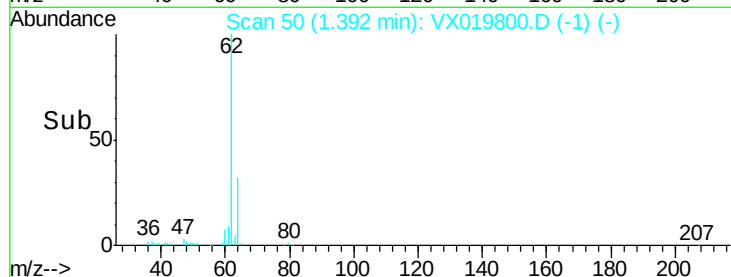
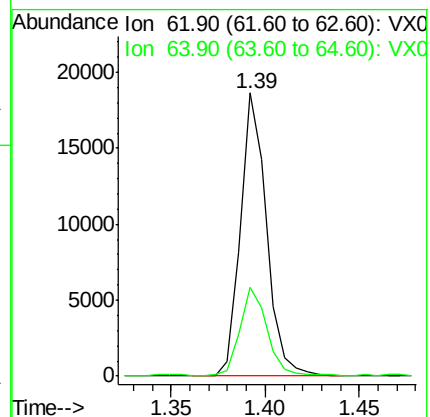
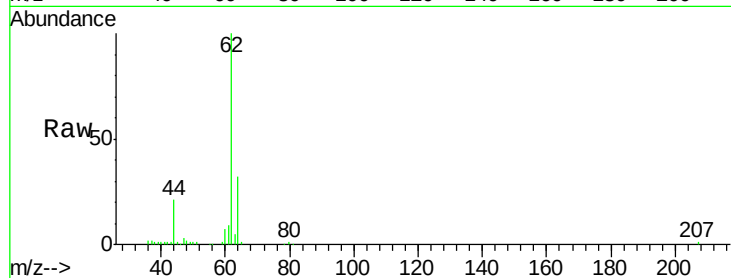
TU032-32-5031-120720

Tot Ion: 62 Resp: 17891

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5



#16

Acetone

Concen: 0.948 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019800.D

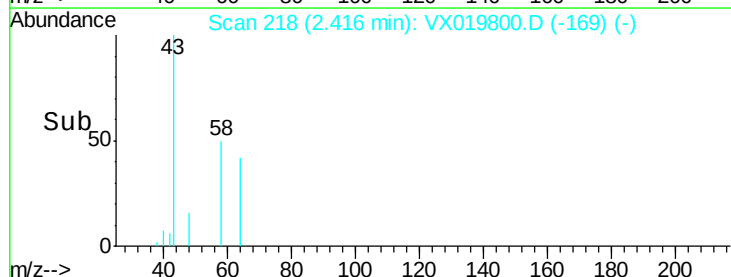
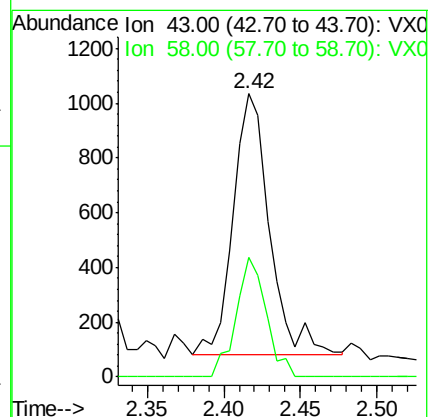
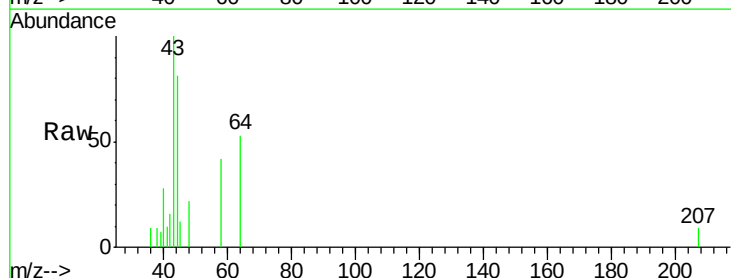
Acq: 10 Dec 2020 01:05

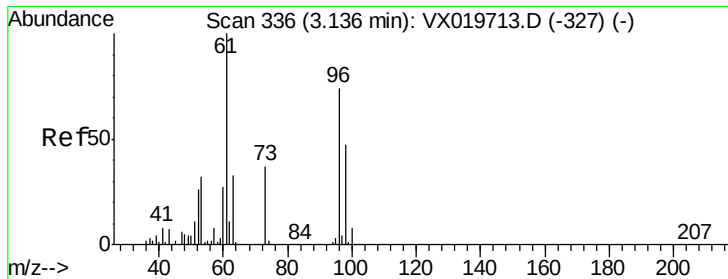
Tgt Ion: 43 Resp: 1556

Ion Ratio Lower Upper

43 100

58 46.2 27.8 41.8#





#21

trans-1,2-Dichloroethene

Concen: 0.518 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019800.D

Acq: 10 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5031-120720

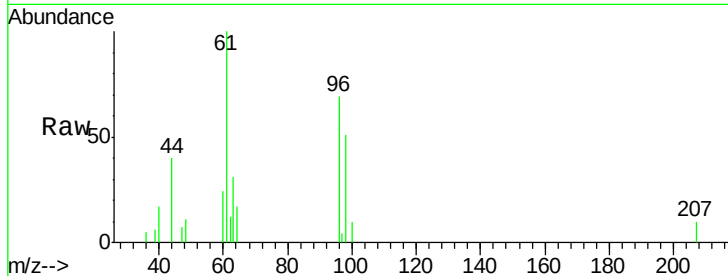
Tot Ion: 96 Resp: 1839

Ion Ratio Lower Upper

96 100

61 144.9 107.7 161.5

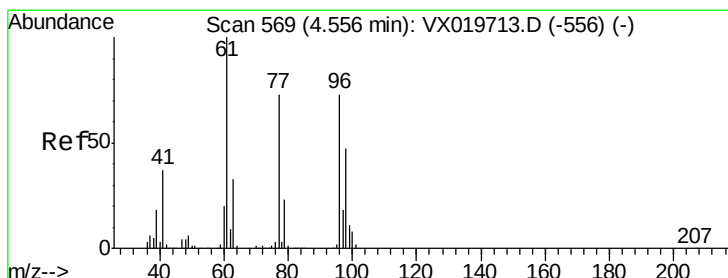
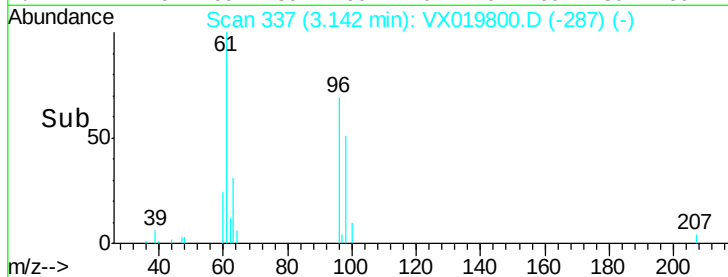
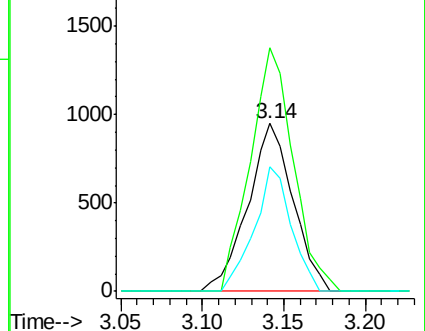
98 74.1 50.4 75.6



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



#27

cis-1,2-Dichloroethene

Concen: 7.996 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019800.D

Acq: 10 Dec 2020 01:05

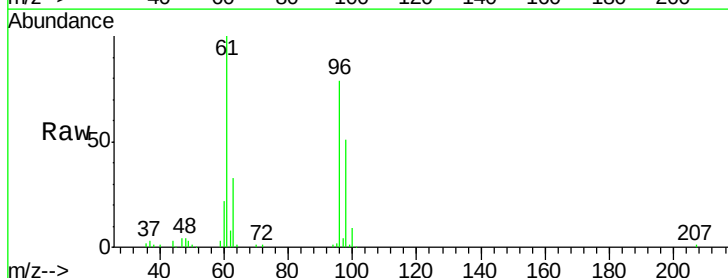
Tgt Ion: 96 Resp: 33199

Ion Ratio Lower Upper

96 100

61 122.6 0.0 285.6

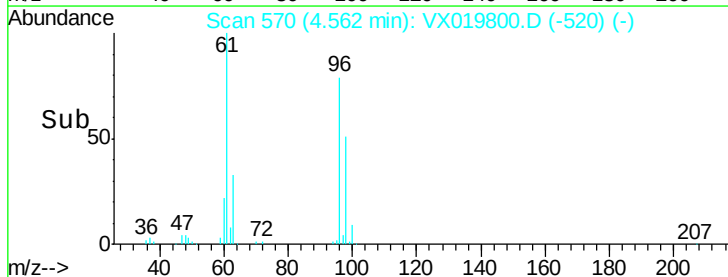
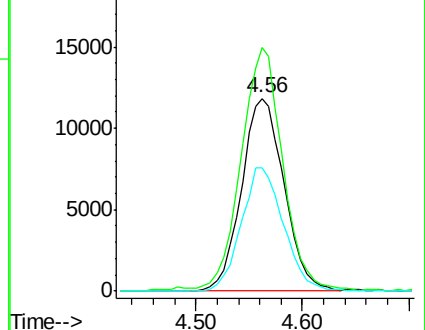
98 63.4 0.0 129.6

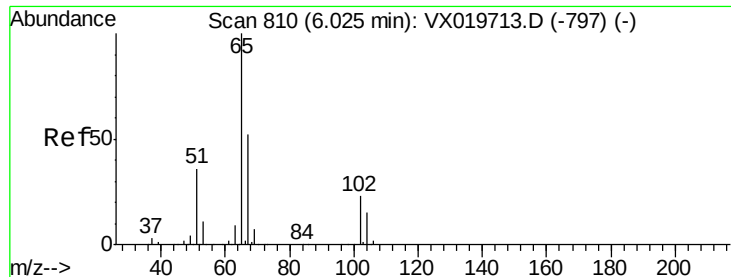


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.328 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019800.D

Acq: 10 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

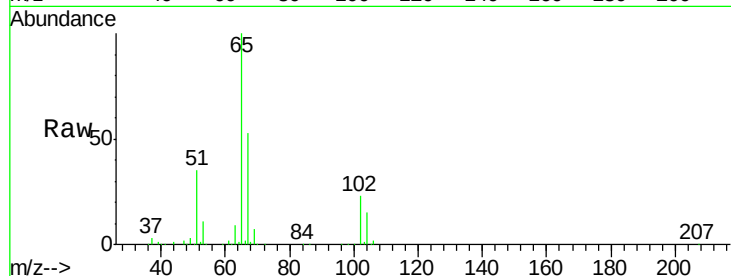
TU032-32-5031-120720

Tot Ion: 65 Resp: 206606

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

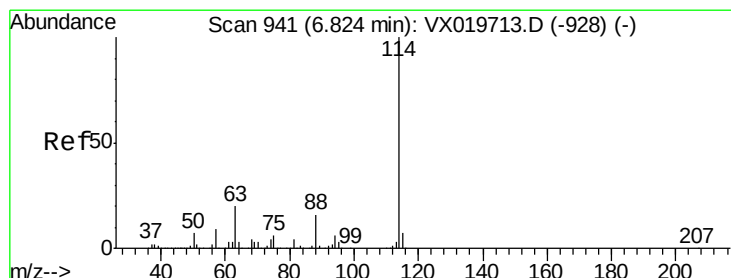
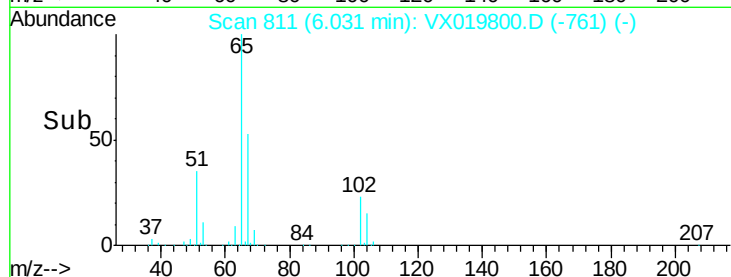
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019800.D

Acq: 10 Dec 2020 01:05

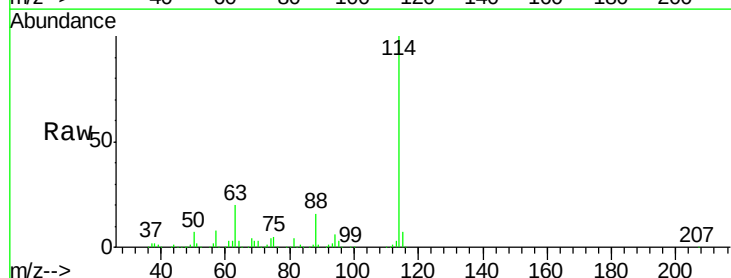
Tgt Ion: 114 Resp: 545629

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 16.3 0.0 32.8



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

6.83

300000

250000

200000

150000

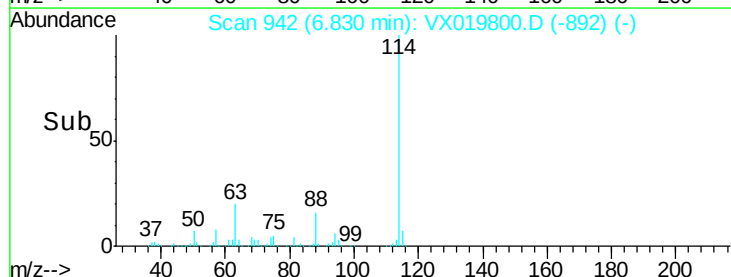
100000

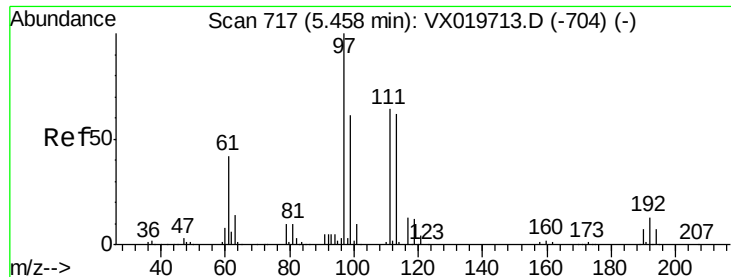
50000

0

Time-->

6.70 6.80 6.90 7.00

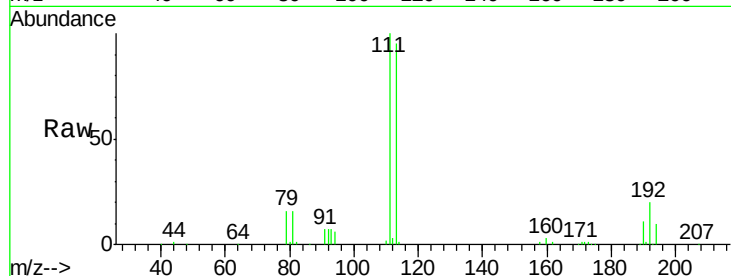




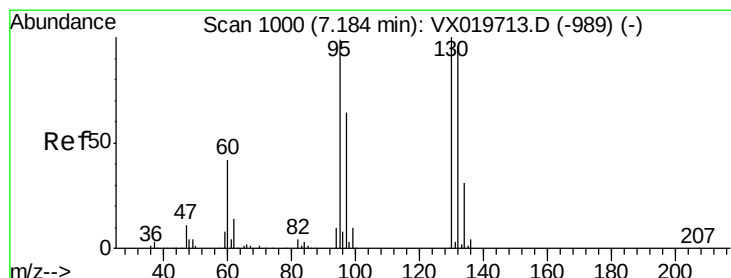
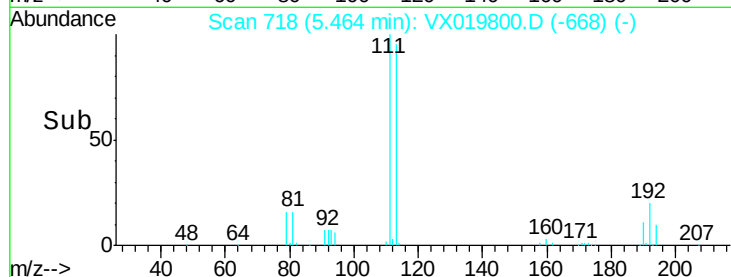
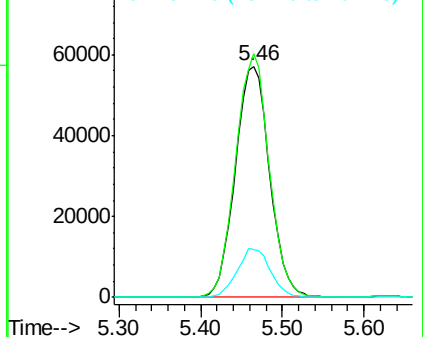
#35
 Dibromofluoromethane
 Concen: 47.266 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019800.D
 Acq: 10 Dec 2020 01:05

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5031-120720

Tot Ion:113 Resp: 166676
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.9 122.9
 192 20.7 16.7 25.1

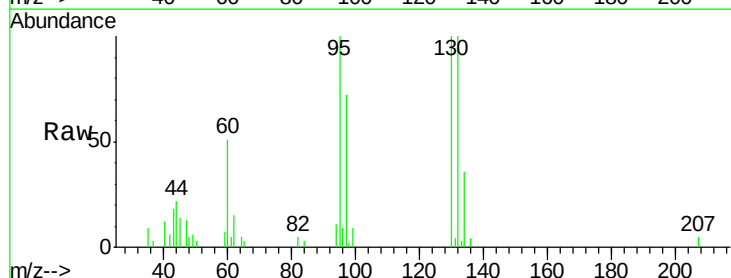


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

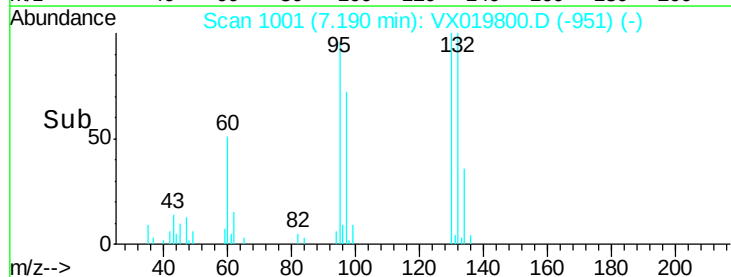
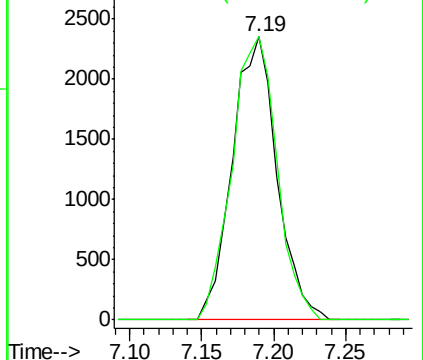


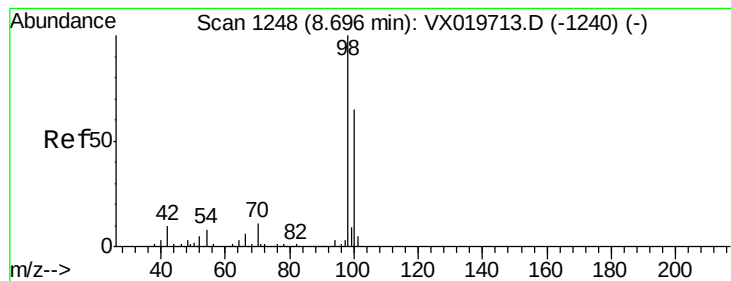
#44
 Trichloroethene
 Concen: 1.282 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019800.D
 Acq: 10 Dec 2020 01:05

Tgt Ion:130 Resp: 5065
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.686 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019800.D

Acq: 10 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

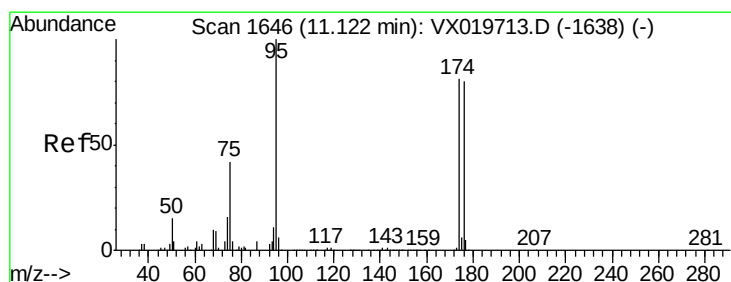
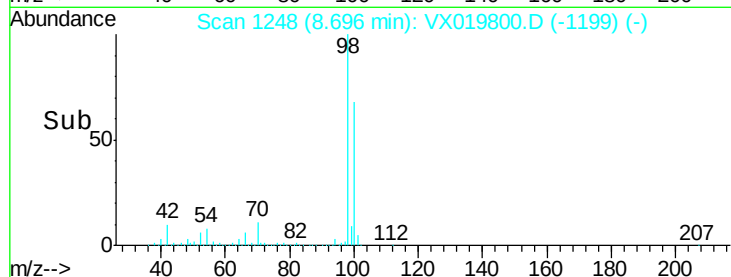
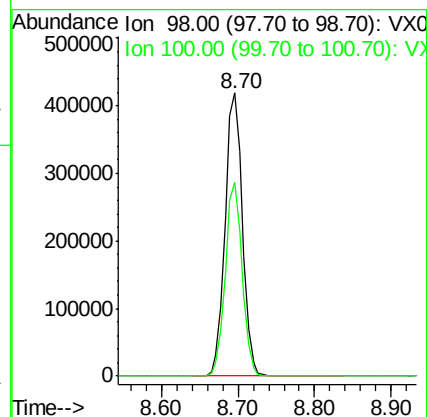
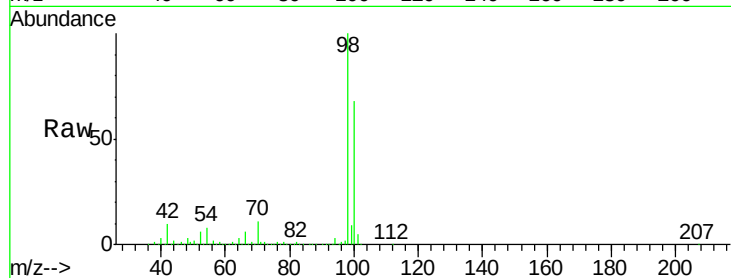
TU032-32-5031-120720

Tot Ion: 98 Resp: 655437

Ion Ratio Lower Upper

98 100

100 66.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.308 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019800.D

Acq: 10 Dec 2020 01:05

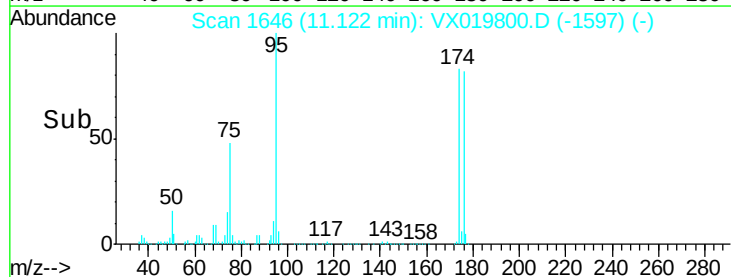
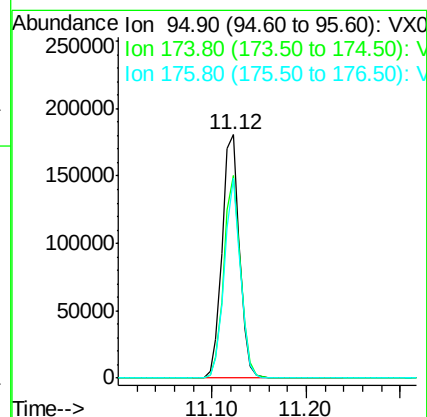
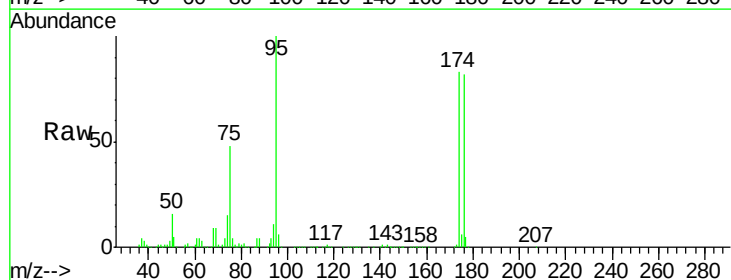
Tgt Ion: 95 Resp: 232158

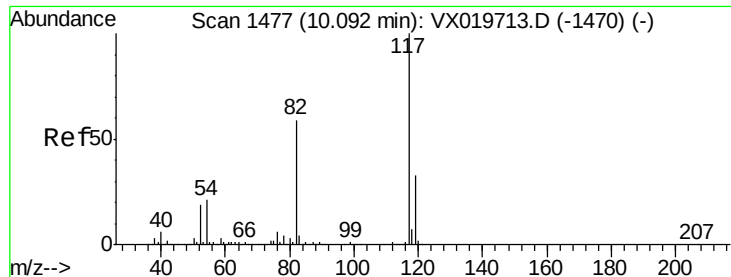
Ion Ratio Lower Upper

95 100

174 79.7 0.0 154.6

176 76.0 0.0 155.8

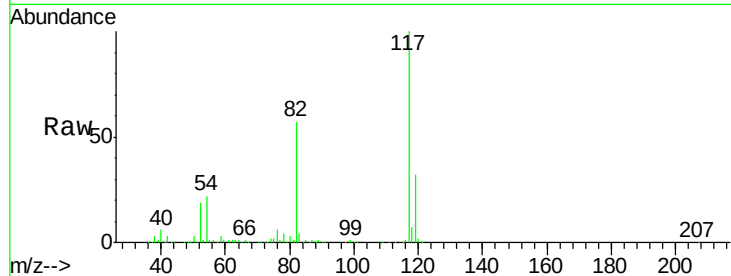




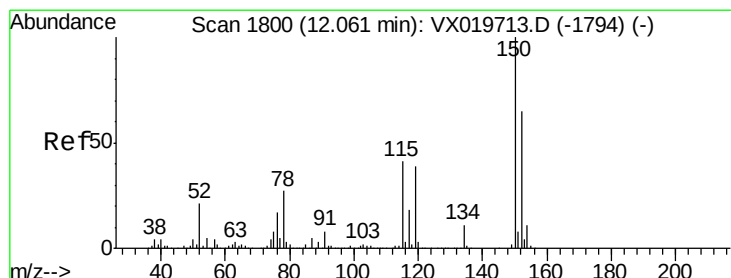
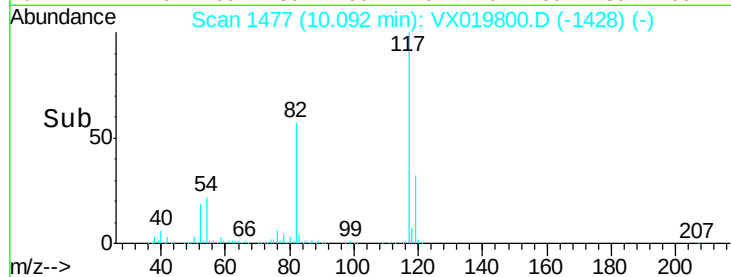
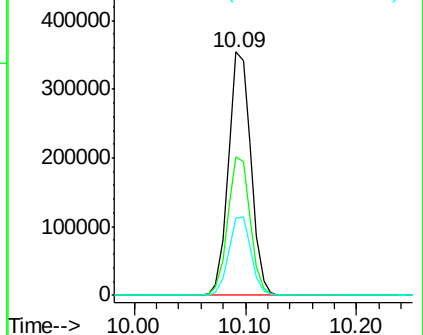
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tot Ion:117 Resp: 492878
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.0 26.6 39.8

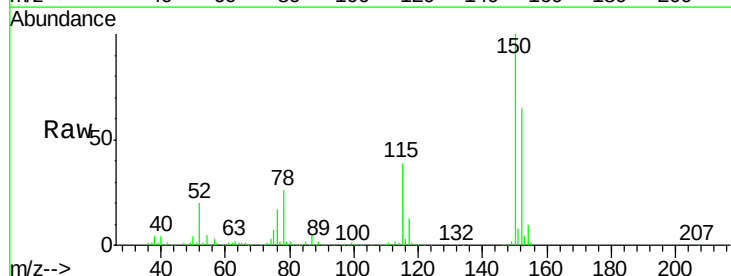


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion:152 Resp: 218330
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 155.0 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

