

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016327.D
 Acq On : 19 May 2020 12:26
 Operator : JC/SP
 Sample : L2672-13DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW352-200514DL

Quant Time: May 20 04:25:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

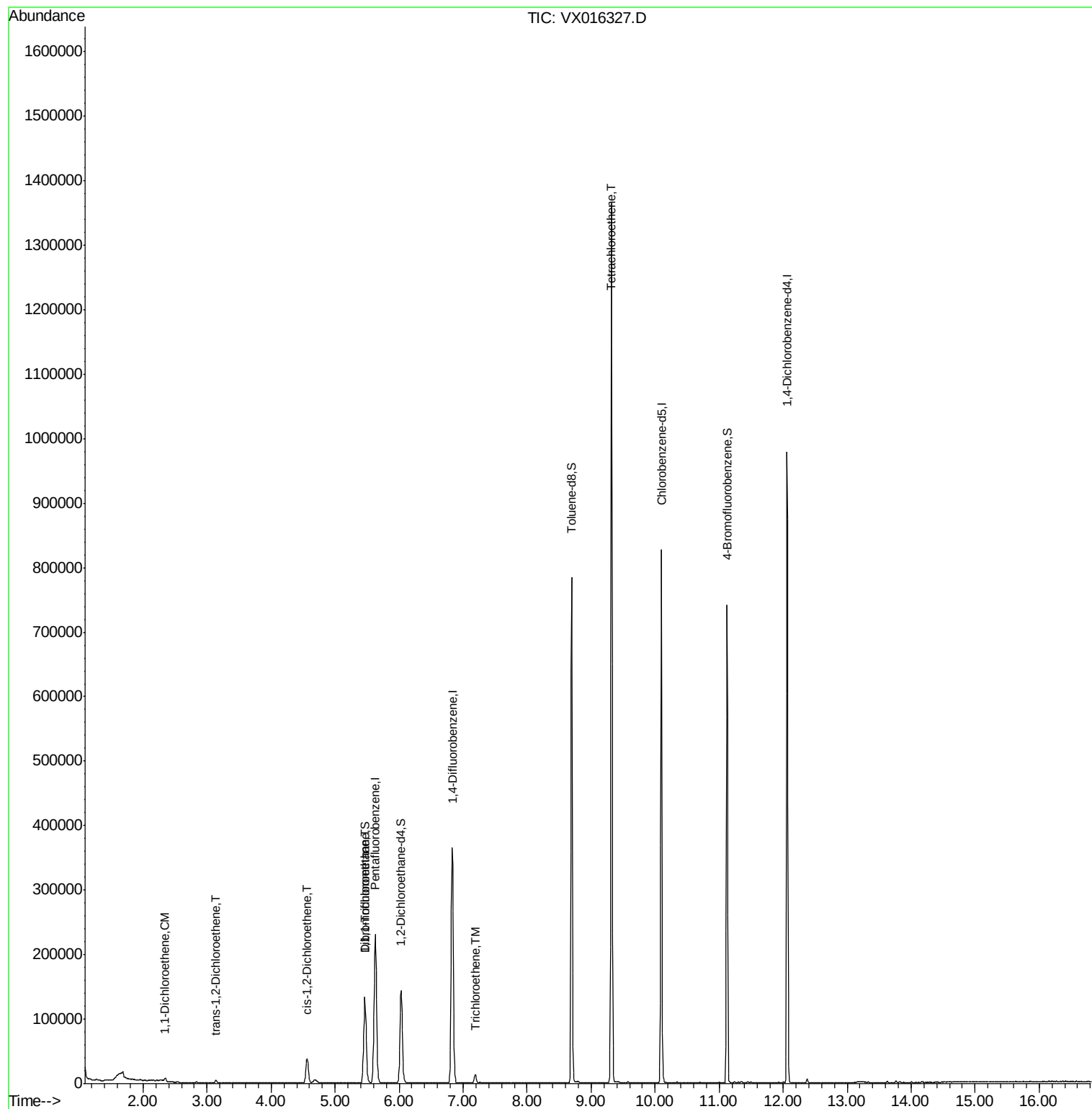
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	226608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	378247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	378939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	135405	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
35) Dibromofluoromethane	5.46	113	114118	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
50) Toluene-d8	8.70	98	461559	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.12	95	198491	56.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.04%	
Target Compounds						
12) 1,1-Dichloroethene	2.35	96	1563	0.664	ug/l	89
21) trans-1,2-Dichloroethene	3.14	96	1670	0.636	ug/l	88
27) cis-1,2-Dichloroethene	4.57	96	25739	8.969	ug/l	85
32) 1,1,1-Trichloroethane	5.46	97	2848	0.690	ug/l #	50
44) Trichloroethene	7.18	130	4920	1.271	ug/l	89
64) Tetrachloroethene	9.32	164	272854	58.654	ug/l	97

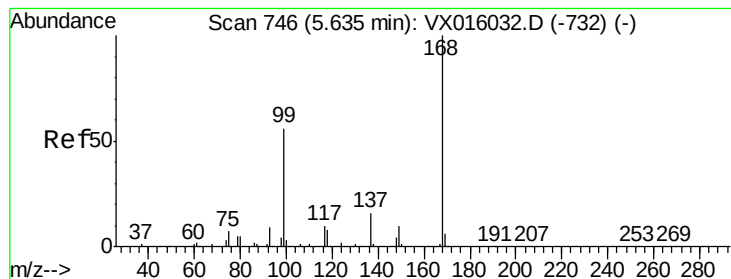
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 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: VX016327.D

Acq: 19 May 2020 12:26

Instrument :

MSVOA_X

ClientSampleId :

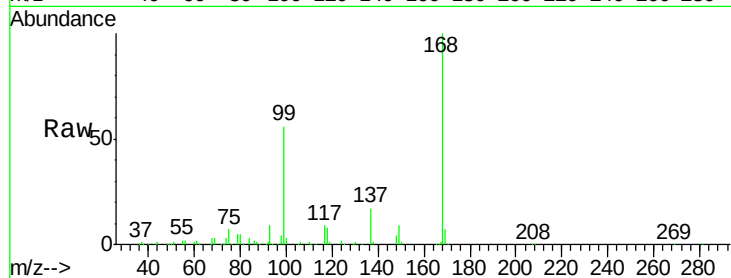
WP021MW352-200514DL

Tot Ion:168 Resp: 226608

Ion Ratio Lower Upper

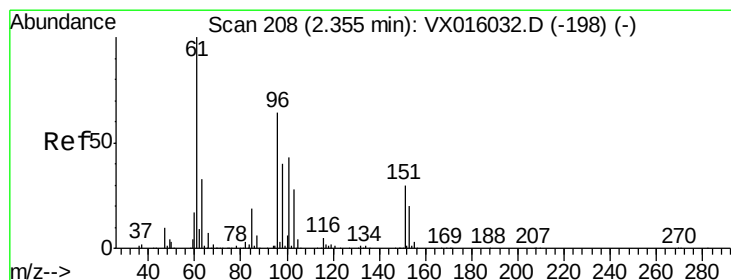
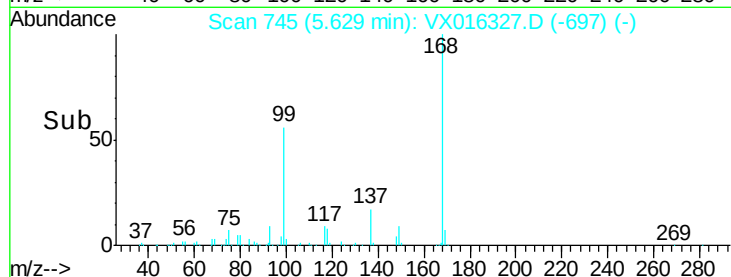
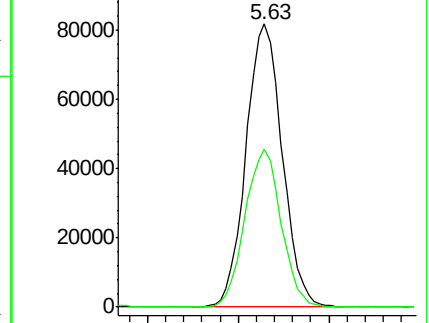
168 100

99 55.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 0.664 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX016327.D

Acq: 19 May 2020 12:26

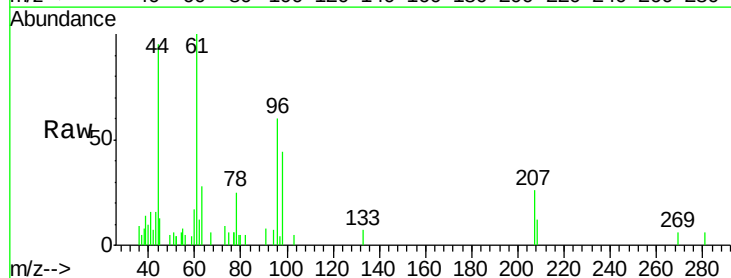
Tgt Ion: 96 Resp: 1563

Ion Ratio Lower Upper

96 100

61 167.4 124.8 187.2

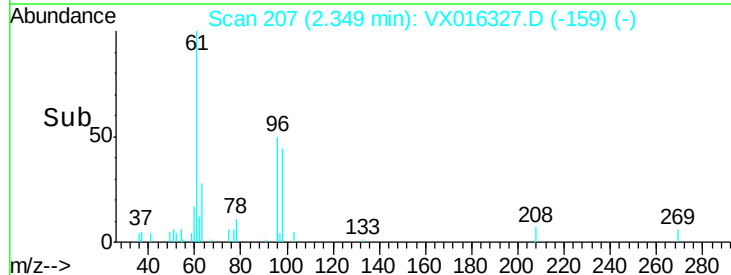
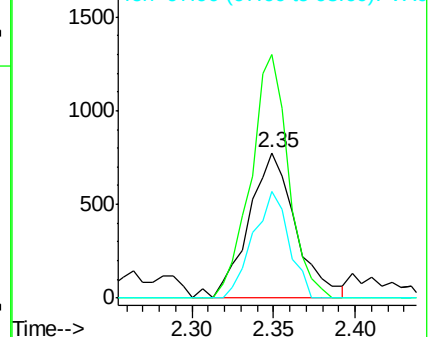
98 73.7 49.7 74.5

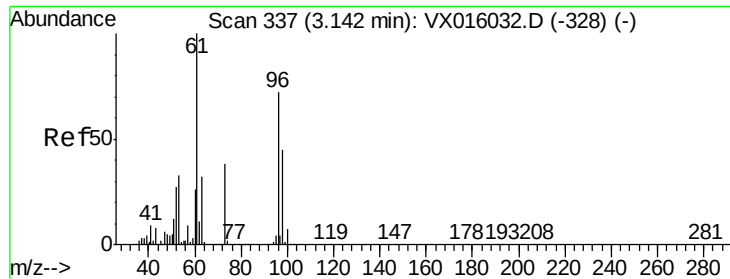


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.636 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016327.D

Acq: 19 May 2020 12:26

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-200514DL

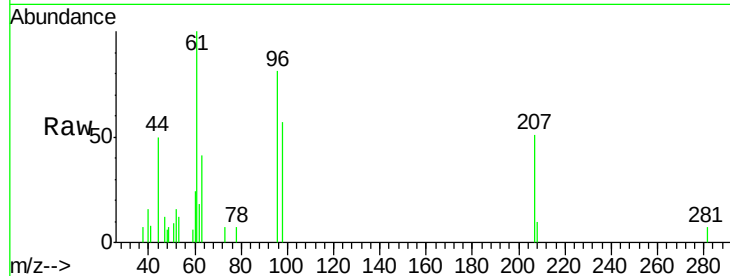
Tot Ion: 96 Resp: 1670

Ion Ratio Lower Upper

96 100

61 123.9 111.2 166.8

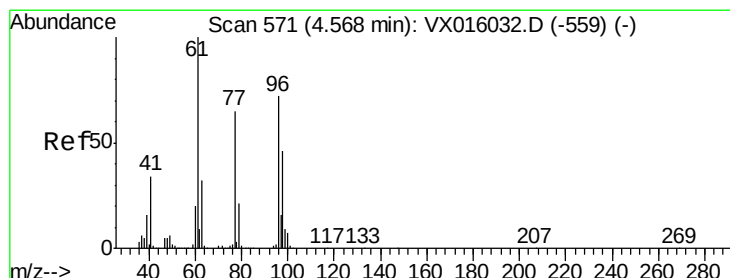
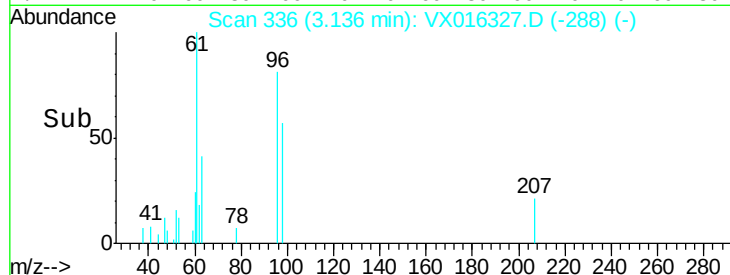
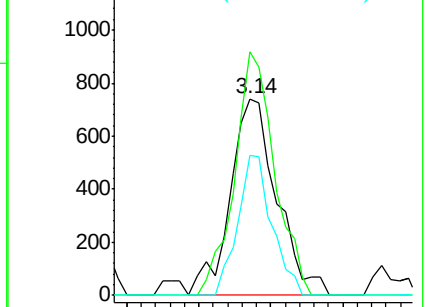
98 71.1 50.2 75.4



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: 8.969 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX016327.D

Acq: 19 May 2020 12:26

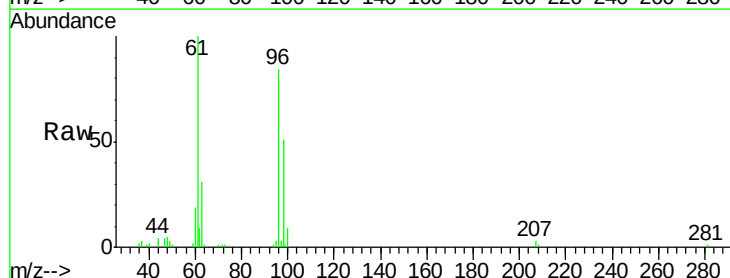
Tgt Ion: 96 Resp: 25739

Ion Ratio Lower Upper

96 100

61 121.8 0.0 296.2

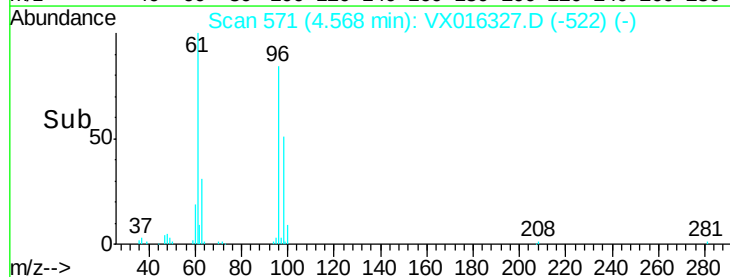
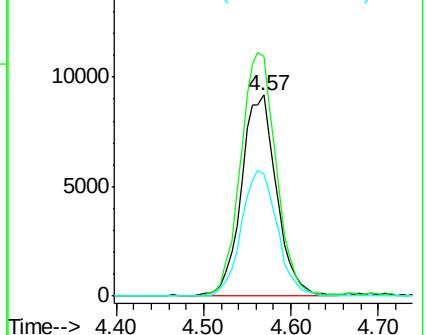
98 63.1 0.0 129.4

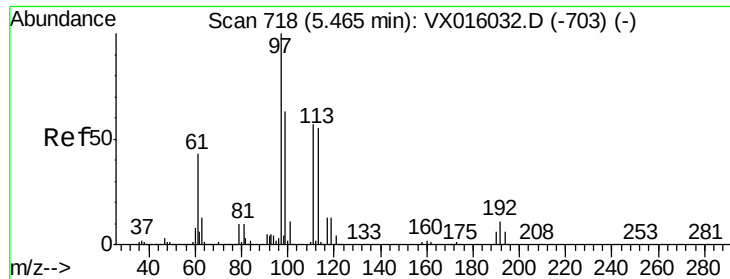


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#32

1,1,1-Trichloroethane

Concen: 0.690 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016327.D

Acq: 19 May 2020 12:26

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-200514DL

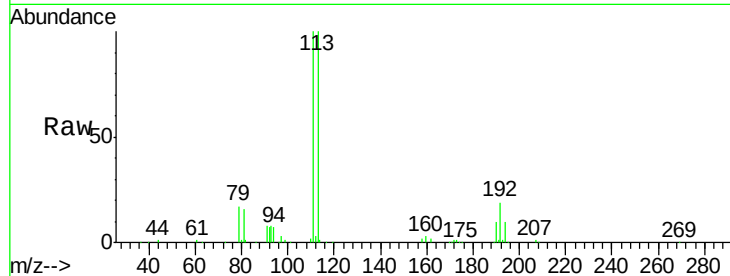
Tot Ion: 97 Resp: 2848

Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.4#

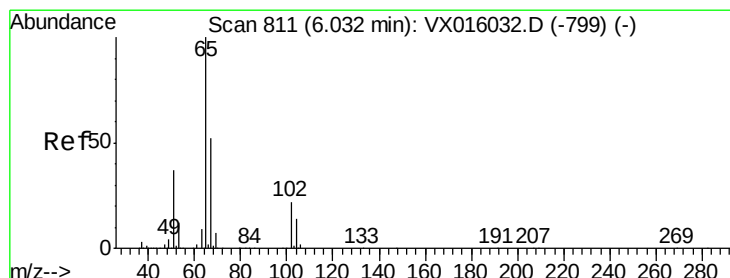
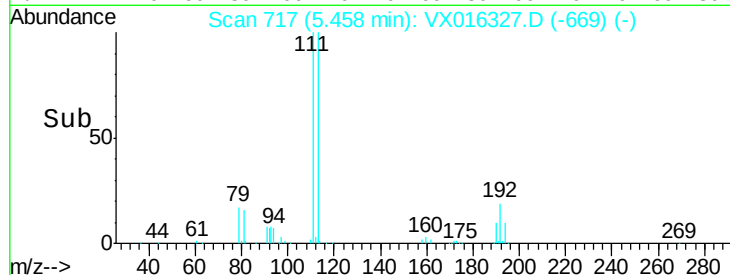
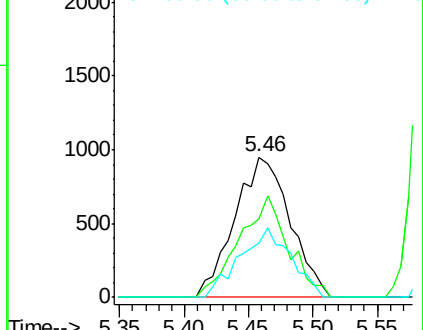
61 45.1 34.5 51.7



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.409 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016327.D

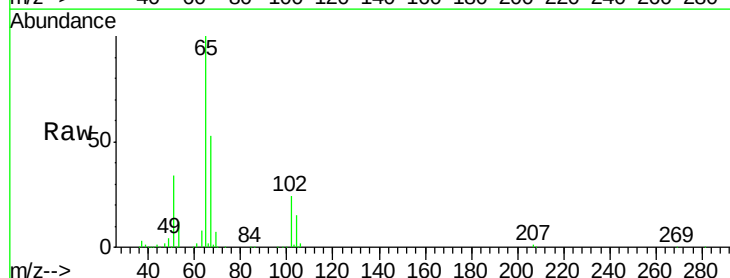
Acq: 19 May 2020 12:26

Tgt Ion: 65 Resp: 135405

Ion Ratio Lower Upper

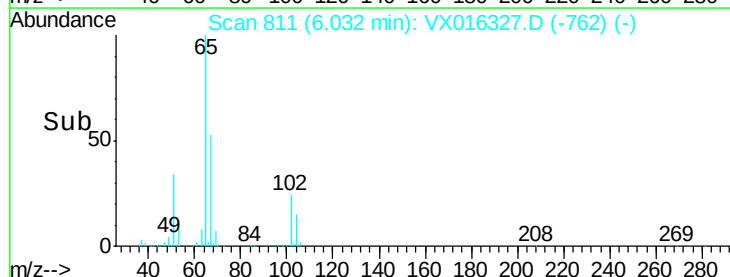
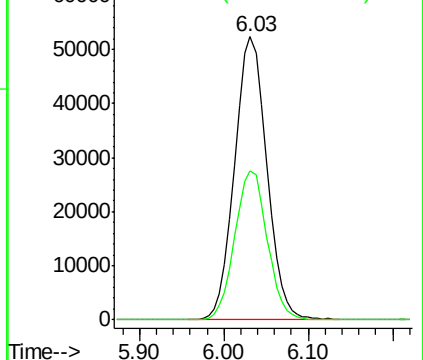
65 100

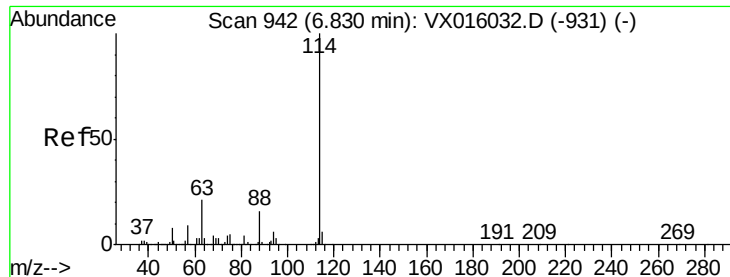
67 53.0 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

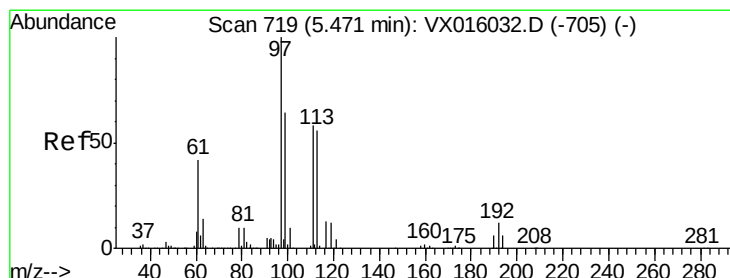
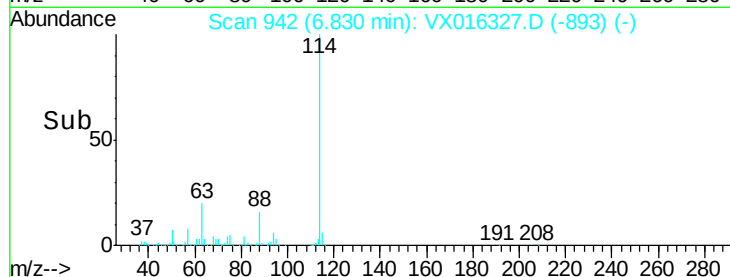
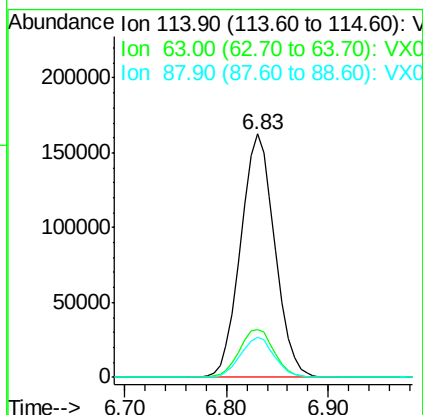
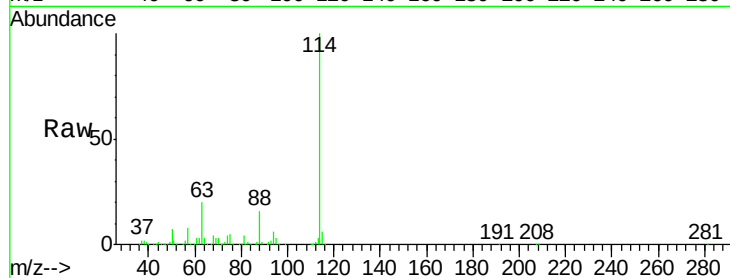




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX016327.D
Acq: 19 May 2020 12:26

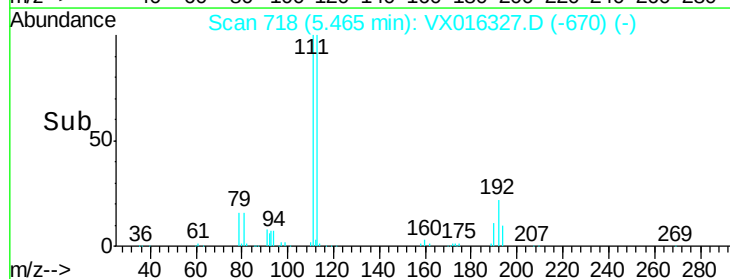
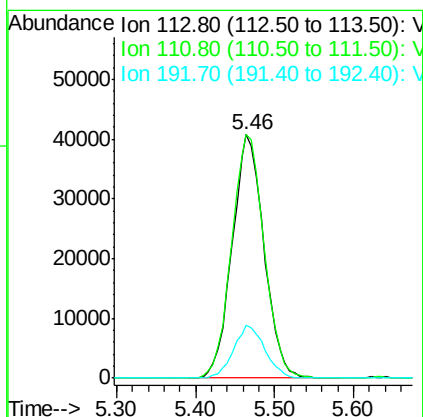
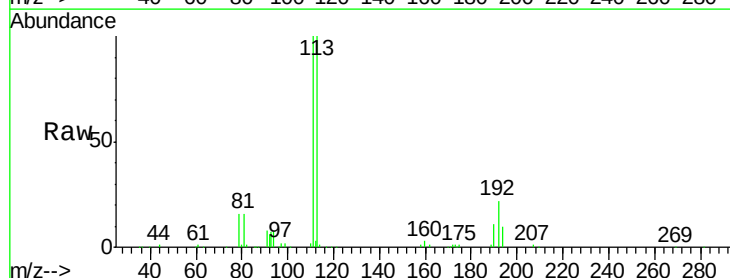
Instrument :
MSVOA_X
ClientSampleId :
WP021MW352-200514DL

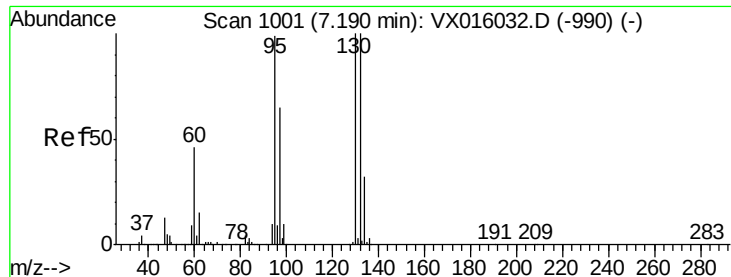
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.8
88	16.2	0.0	31.4



#35
Dibromofluoromethane
Concen: 47.621 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016327.D
Acq: 19 May 2020 12:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	21.4	17.0	25.4





#44

Trichloroethene

Concen: 1.271 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016327.D

Acq: 19 May 2020 12:26

Instrument :

MSVOA_X

ClientSampleId :

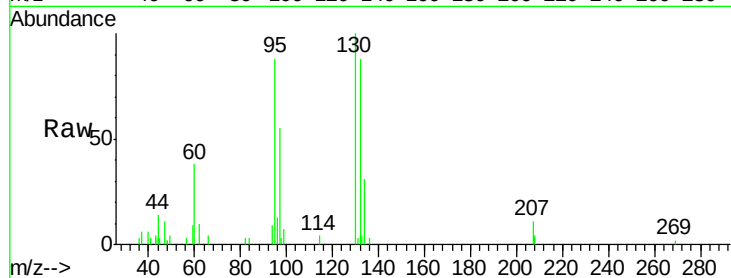
WP021MW352-200514DL

Tot Ion:130 Resp: 4920

Ion Ratio Lower Upper

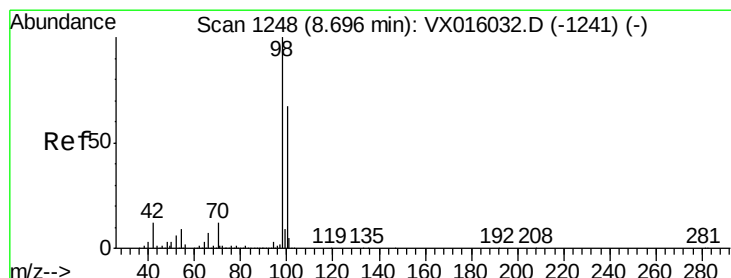
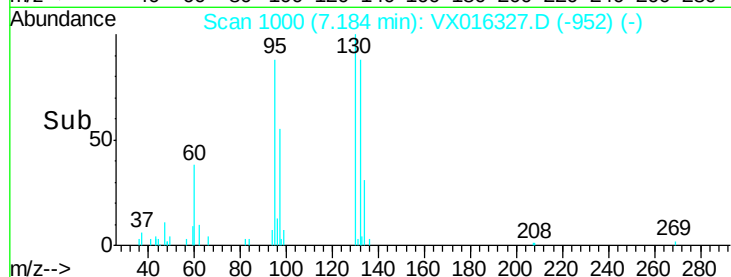
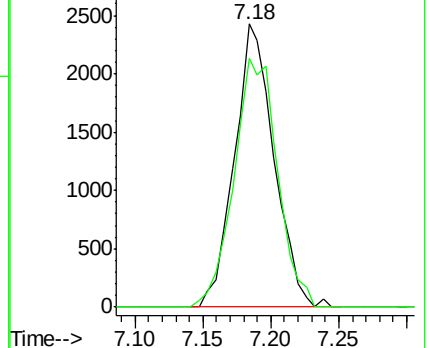
130 100

95 88.1 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.988 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016327.D

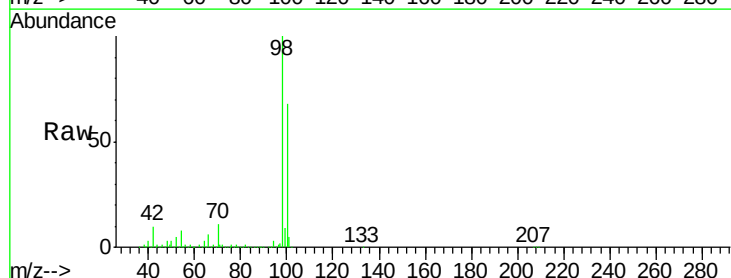
Acq: 19 May 2020 12:26

Tgt Ion: 98 Resp: 461559

Ion Ratio Lower Upper

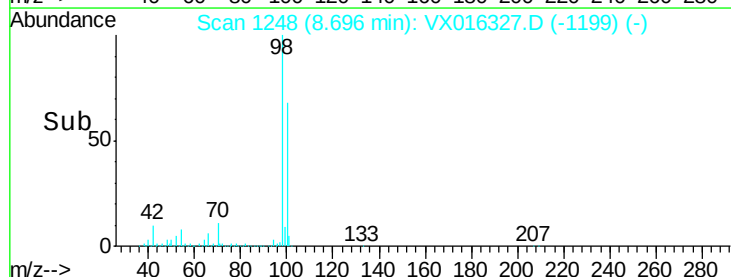
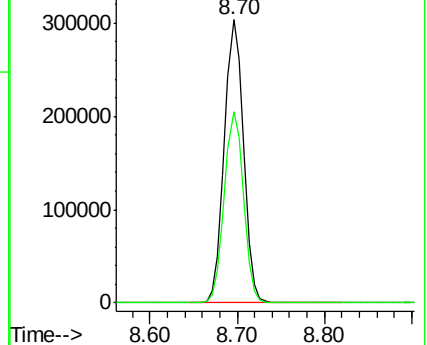
98 100

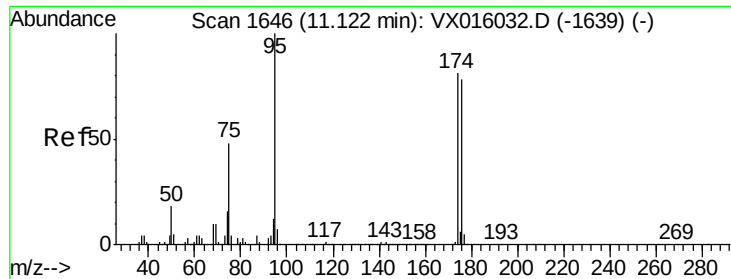
100 67.6 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

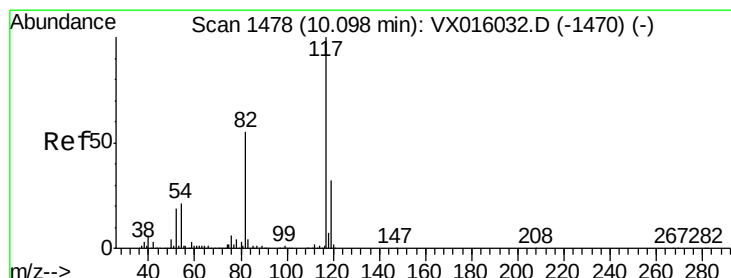
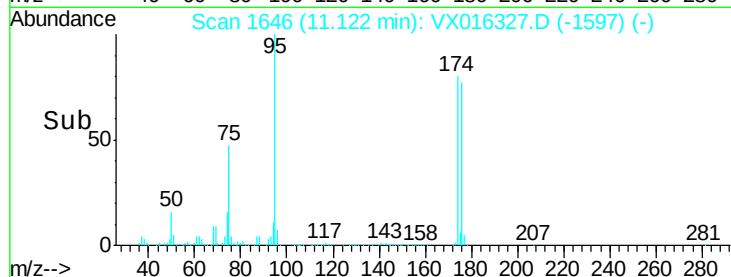
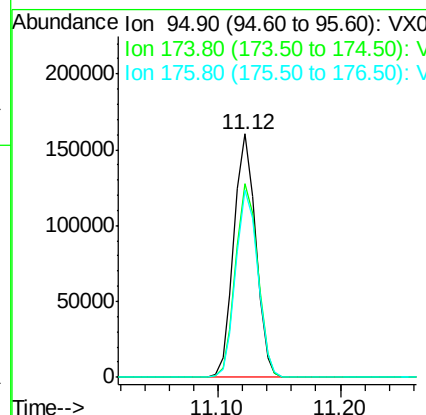
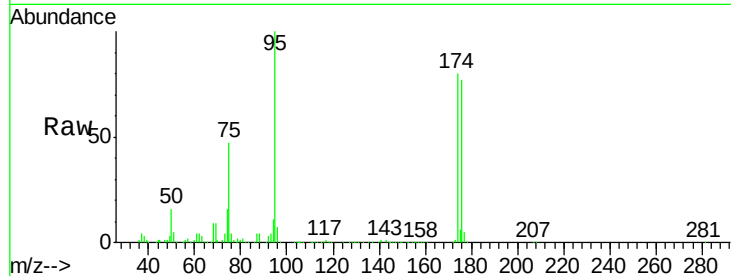




#62
4-Bromofluorobenzene
Concen: 56.519 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016327.D
Acq: 19 May 2020 12:26

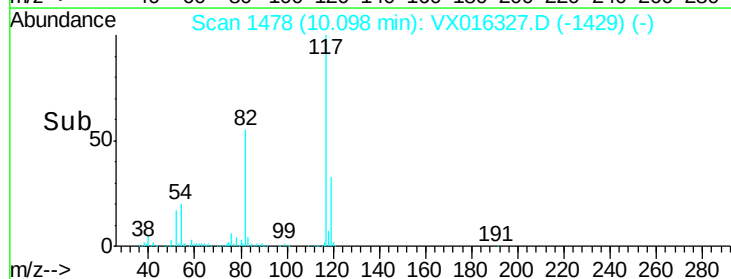
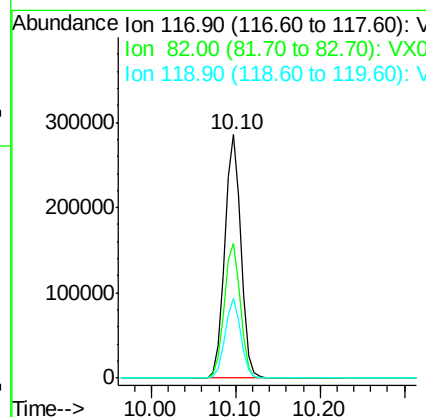
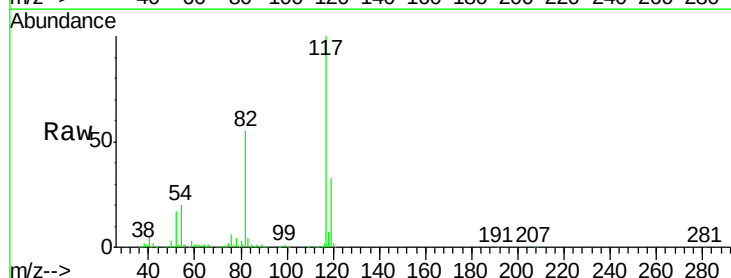
Instrument :
MSVOA_X
ClientSampleId :
WP021MW352-200514DL

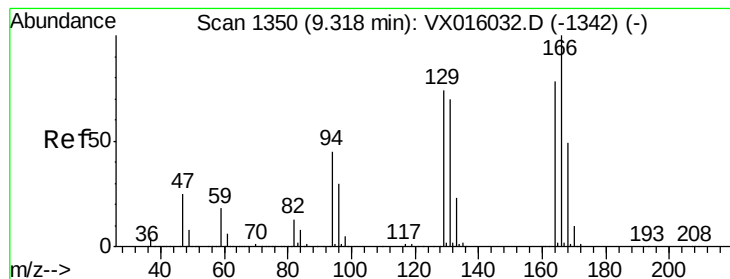
Tot Ion	95	Resp	198491
Ion Ratio	Lower	Upper	
95	100		
174	80.8	0.0	159.4
176	77.5	0.0	157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016327.D
Acq: 19 May 2020 12:26

Tgt Ion	117	Resp	378939
Ion Ratio	Lower	Upper	
117	100		
82	55.4	44.4	66.6
119	32.8	25.5	38.3





#64

Tetrachloroethene

Concen: 58.654 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016327.D

Acq: 19 May 2020 12:26

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-200514DL

Tot Ion:164 Resp: 272854

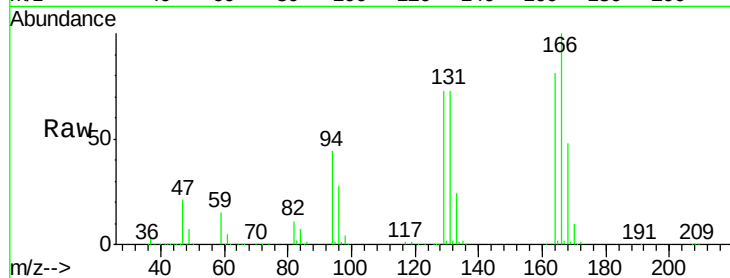
Ion Ratio Lower Upper

164 100

166 124.1 102.9 154.3

129 90.9 76.1 114.1

131 90.4 71.9 107.9

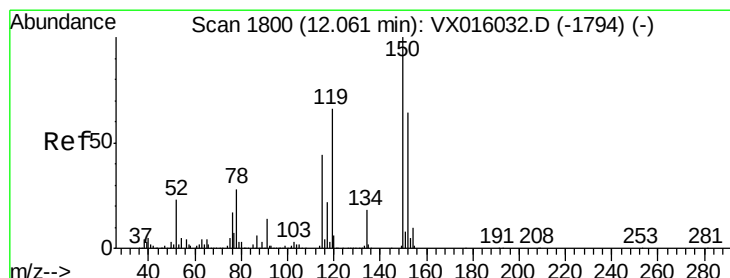
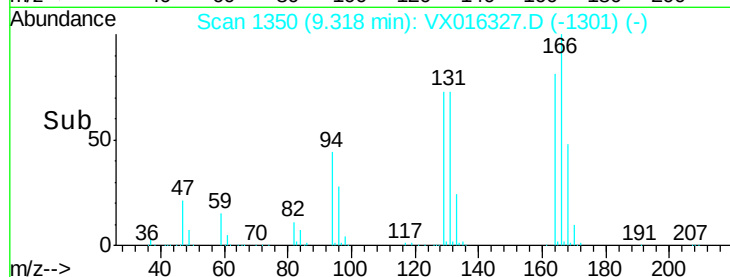
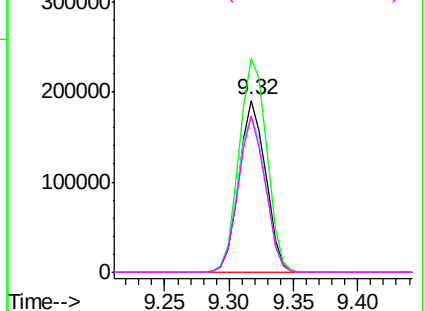


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016327.D

Acq: 19 May 2020 12:26

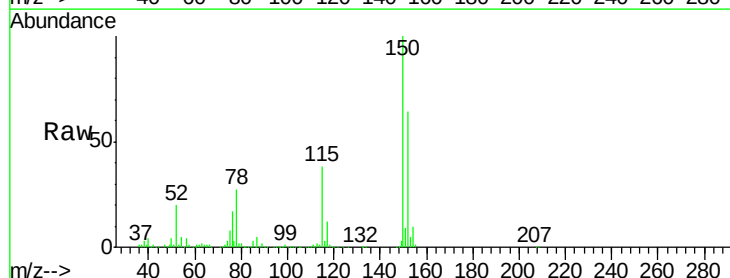
Tgt Ion:152 Resp: 202137

Ion Ratio Lower Upper

152 100

115 59.1 41.3 124.1

150 158.0 0.0 352.2



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

