

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040820\
 Data File : VX015580.D
 Acq On : 08 Apr 2020 19:26
 Operator : JC/SP
 Sample : L2190-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407

Quant Time: Apr 09 08:15:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1018834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1649529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1574734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	862558	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	687284	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
35) Dibromofluoromethane	5.47	113	511460	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
50) Toluene-d8	8.70	98	1975500	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.12	95	857877	54.38	ug/l	0.00
Spiked Amount			Recovery	=	108.76%	

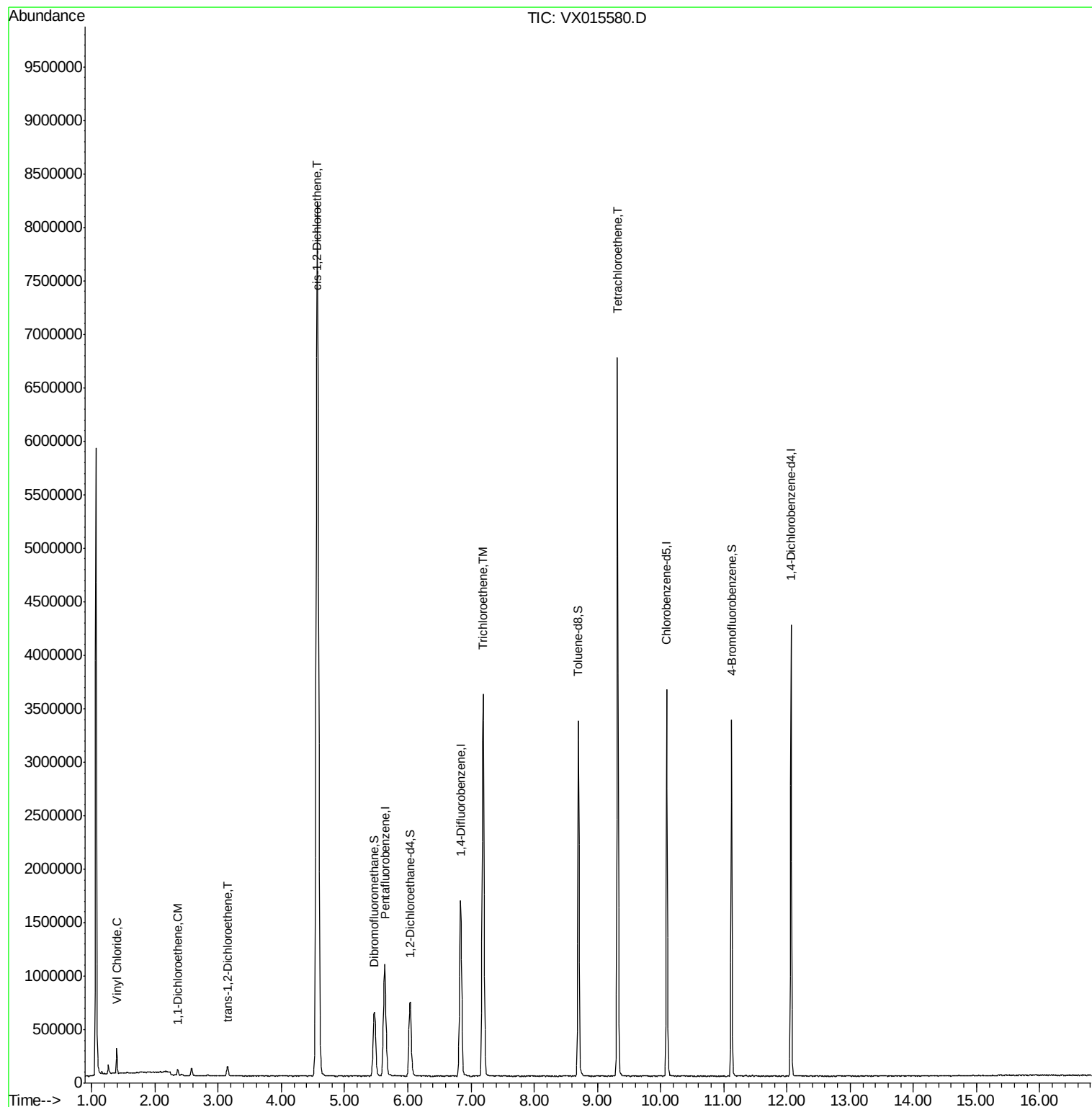
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	131599	12.538	ug/l	96
12) 1,1-Dichloroethene	2.36	96	19179	1.994	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	36897	3.456	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	5076061	410.999	ug/l	90
44) Trichloroethene	7.19	130	1354019	111.516	ug/l	97
64) Tetrachloroethene	9.32	164	1362002	114.607	ug/l	97

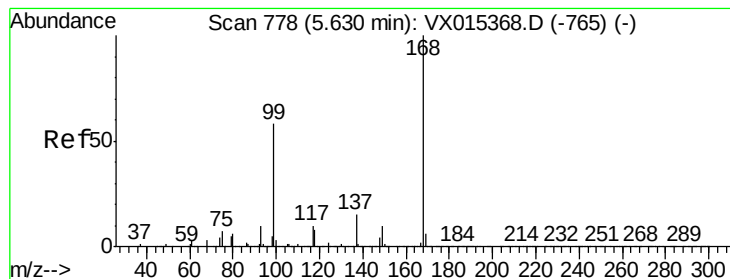
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015580.D

Acq: 08 Apr 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

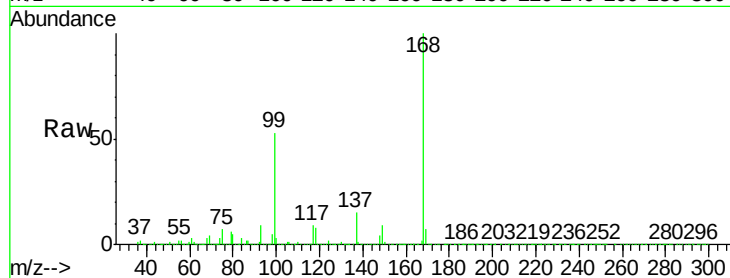
SS037MW311-200407

Tot Ion:168 Resp: 1018834

Ion Ratio Lower Upper

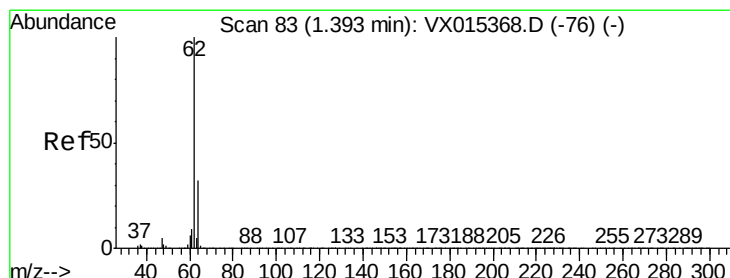
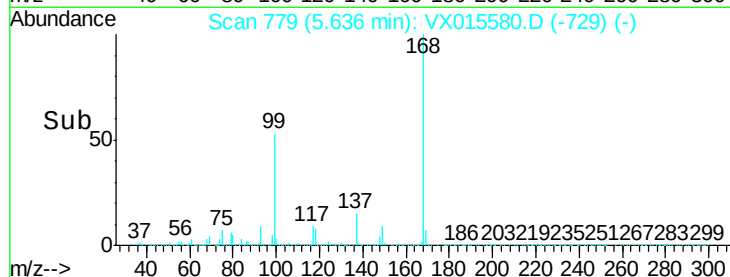
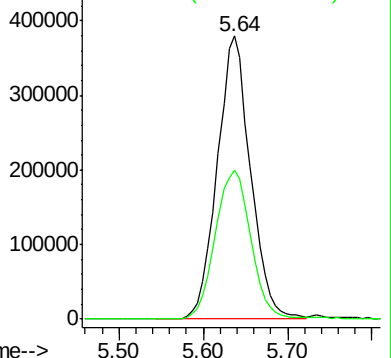
168 100

99 52.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 12.538 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015580.D

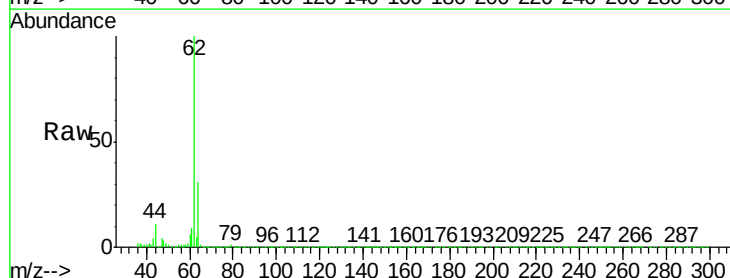
Acq: 08 Apr 2020 19:26

Tgt Ion: 62 Resp: 131599

Ion Ratio Lower Upper

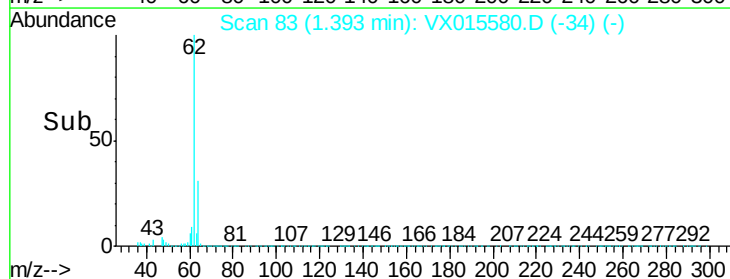
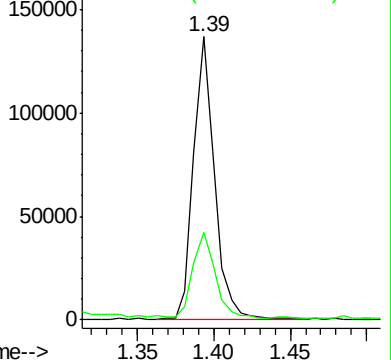
62 100

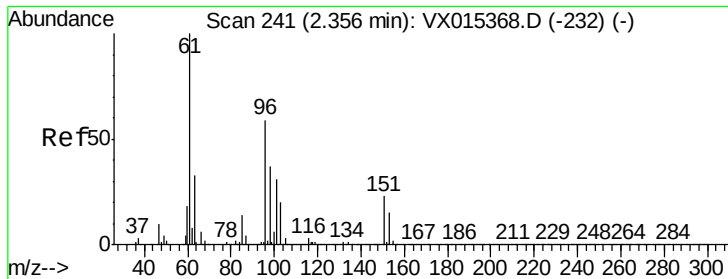
64 30.0 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

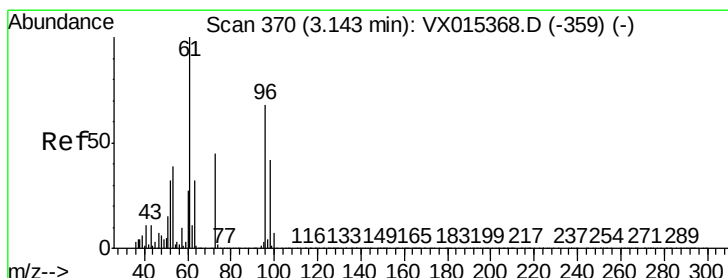
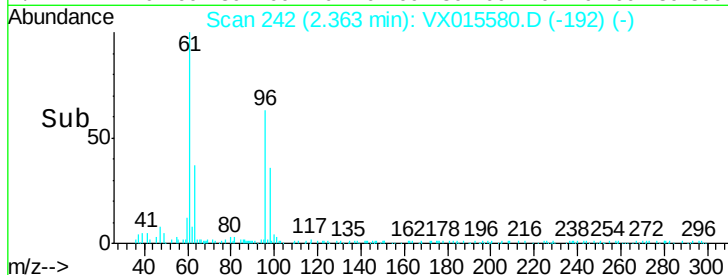
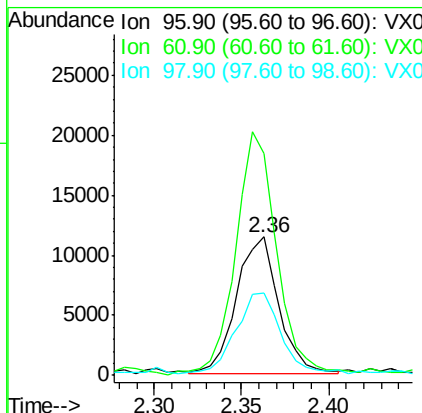
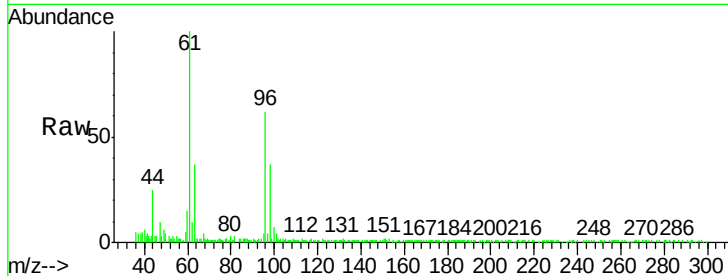




#12
1,1-Dichloroethene
Concen: 1.994 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.01 min
Lab File: VX015580.D
Acq: 08 Apr 2020 19:26

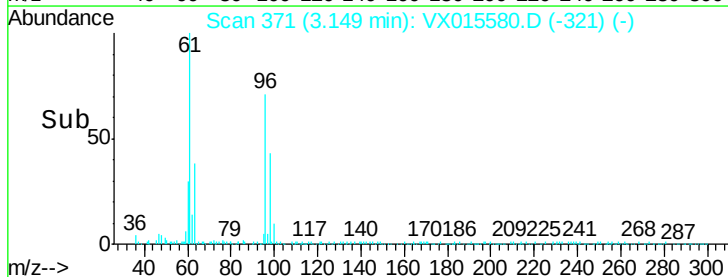
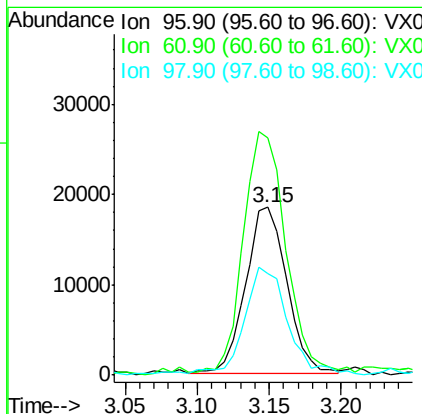
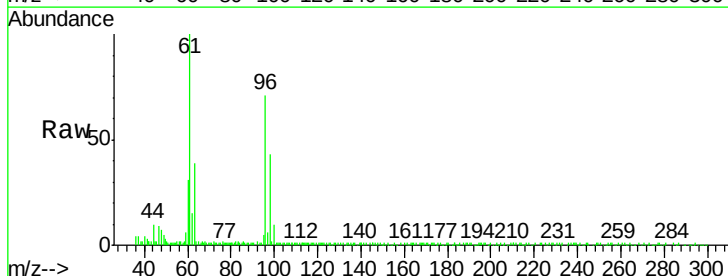
Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407

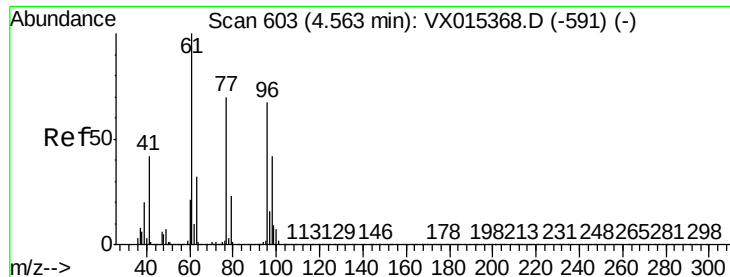
Tot Ion: 96 Resp: 19179
Ion Ratio Lower Upper
96 100
61 160.9 135.7 203.5
98 59.6 50.6 75.8



#21
trans-1,2-Dichloroethene
Concen: 3.456 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.01 min
Lab File: VX015580.D
Acq: 08 Apr 2020 19:26

Tgt Ion: 96 Resp: 36897
Ion Ratio Lower Upper
96 100
61 140.4 116.9 175.3
98 59.7 48.6 73.0



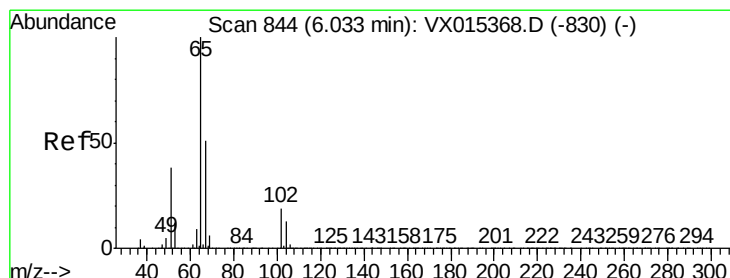
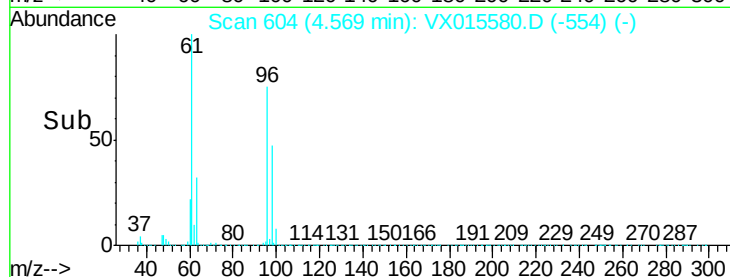
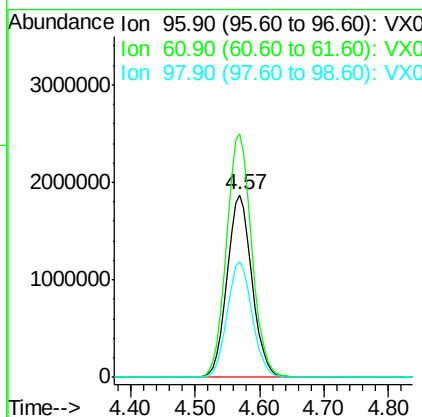
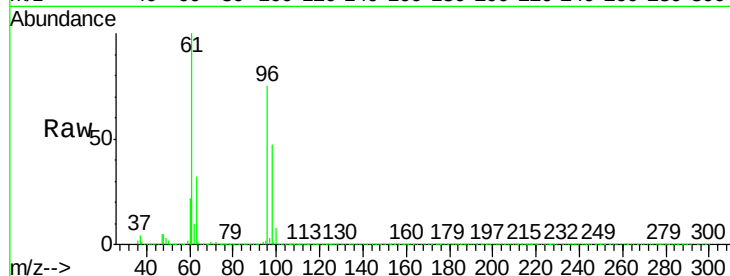


#27

cis-1,2-Dichloroethene
Concen: 410.999 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015580.D
Acq: 08 Apr 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407

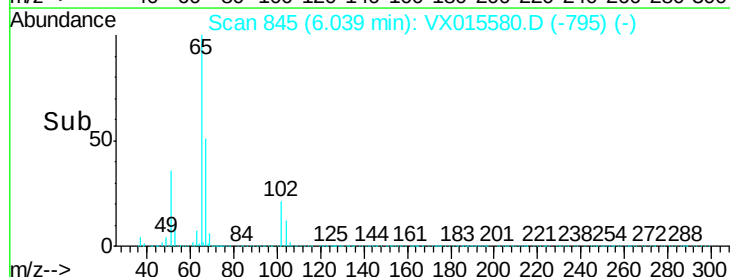
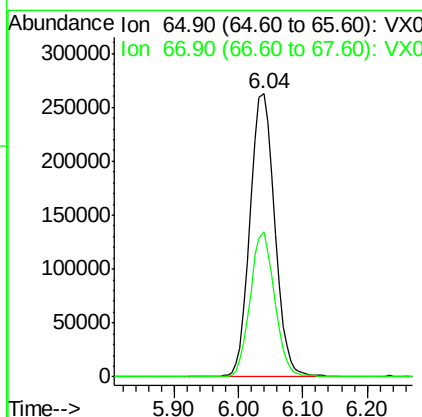
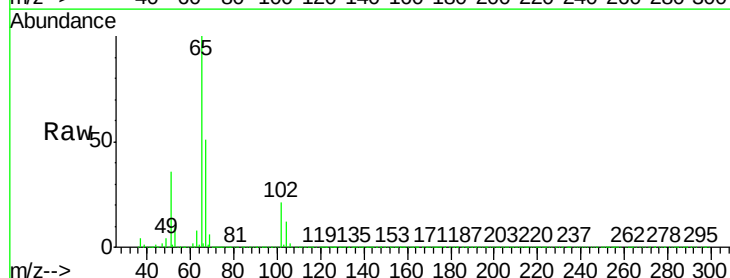
Tot Ion: 96 Resp: 5076061
Ion Ratio Lower Upper
96 100
61 135.8 0.0 308.4
98 64.0 0.0 129.2

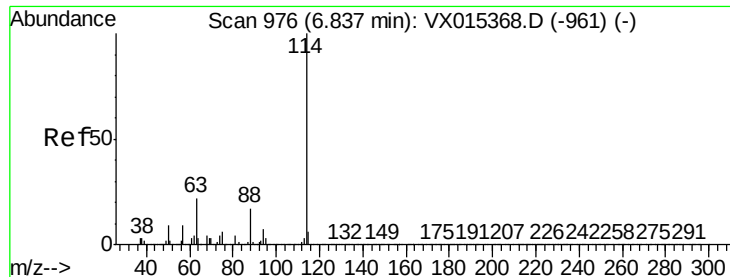


#33

1,2-Dichloroethane-d4
Concen: 47.829 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015580.D
Acq: 08 Apr 2020 19:26

Tgt Ion: 65 Resp: 687284
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.6

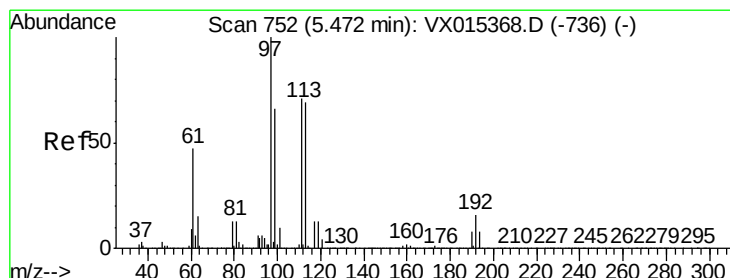
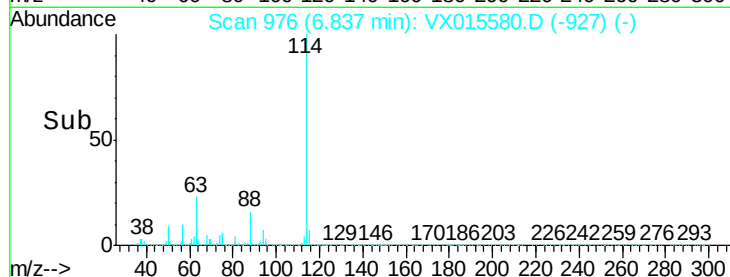
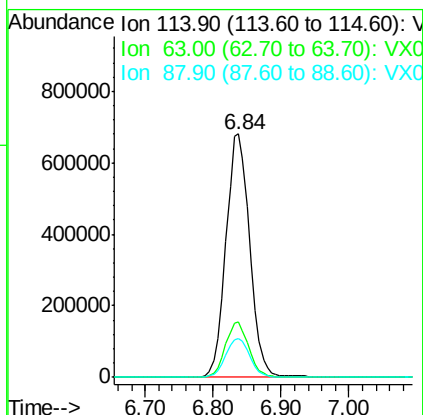
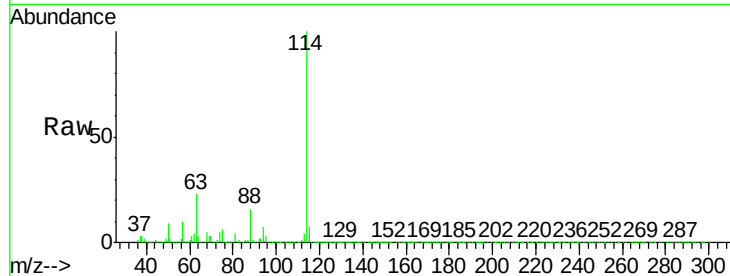




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015580.D
 Acq: 08 Apr 2020 19:26

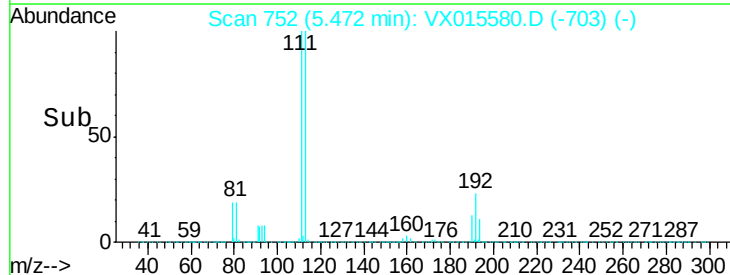
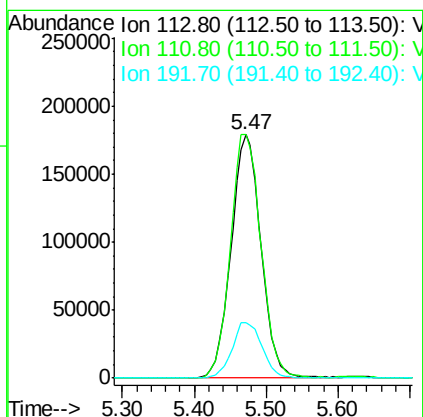
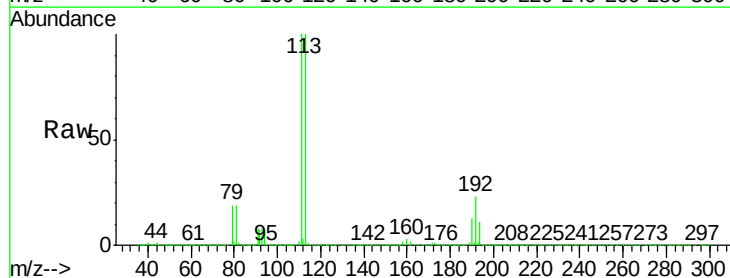
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407

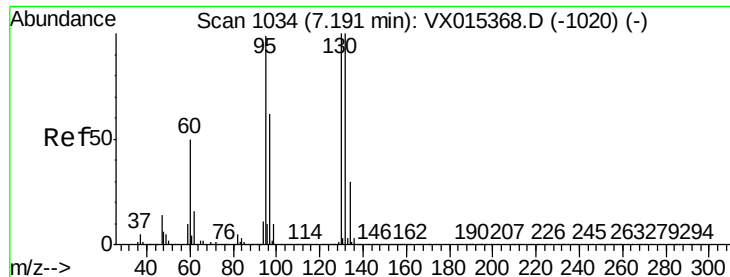
Tot Ion:114 Resp: 1649529
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.2
 88 16.0 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 48.506 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015580.D
 Acq: 08 Apr 2020 19:26

Tgt Ion:113 Resp: 511460
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.5 122.3
 192 23.3 17.8 26.6





#44

Trichloroethene

Concen: 111.516 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015580.D

Acq: 08 Apr 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

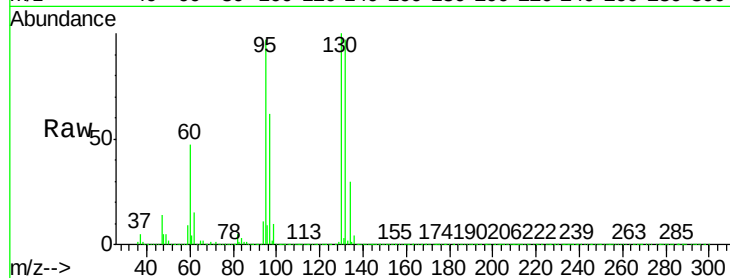
SS037MW311-200407

Tot Ion:130 Resp: 1354019

Ion Ratio Lower Upper

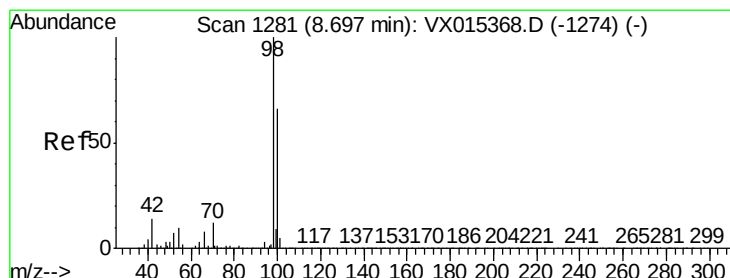
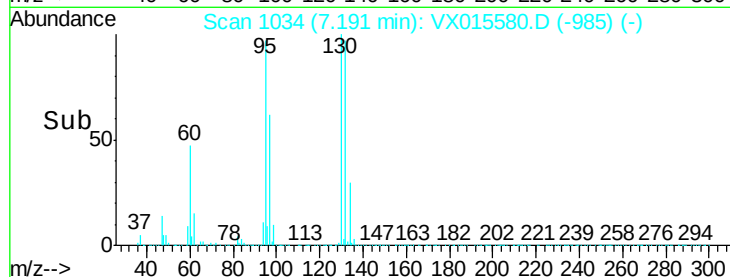
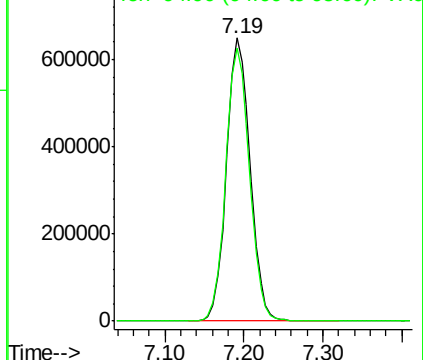
130 100

95 96.5 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.887 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015580.D

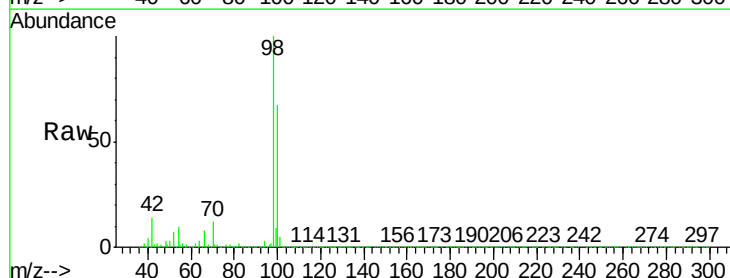
Acq: 08 Apr 2020 19:26

Tgt Ion: 98 Resp: 1975500

Ion Ratio Lower Upper

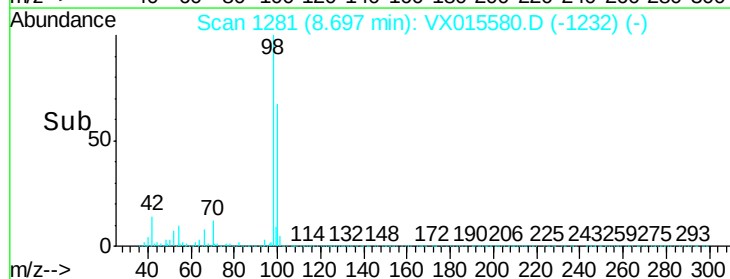
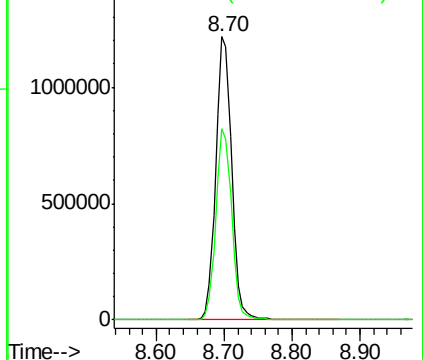
98 100

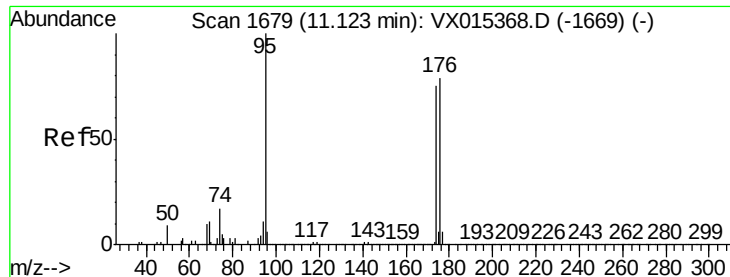
100 67.3 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

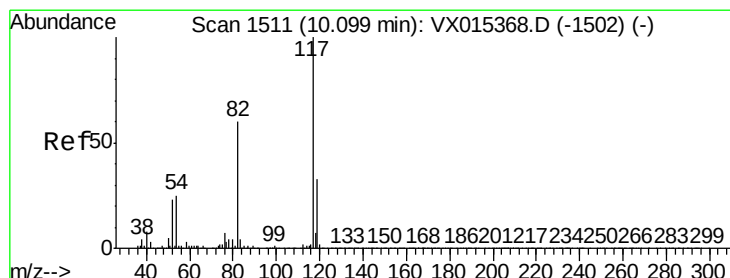
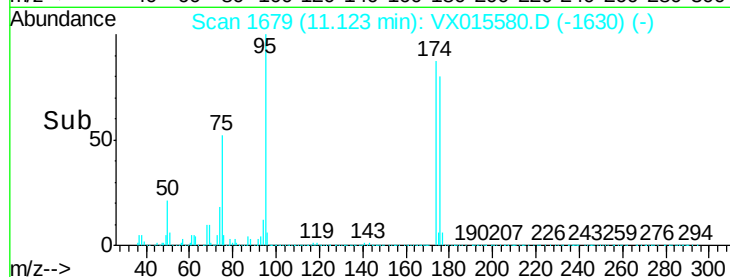
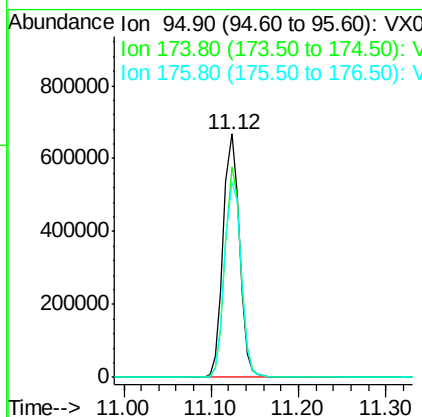
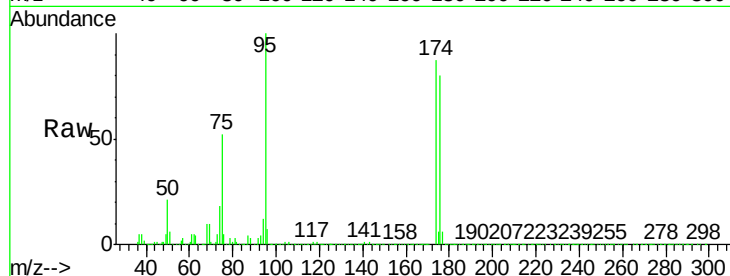




#62
4-Bromofluorobenzene
Concen: 54.375 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015580.D
Acq: 08 Apr 2020 19:26

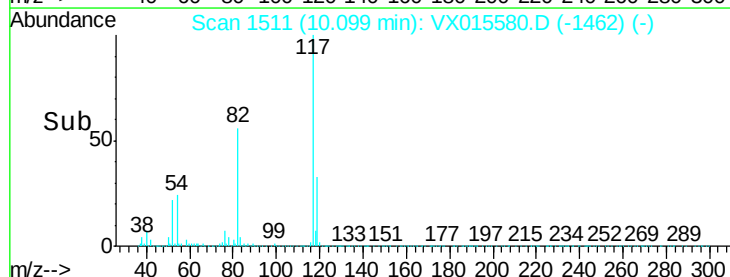
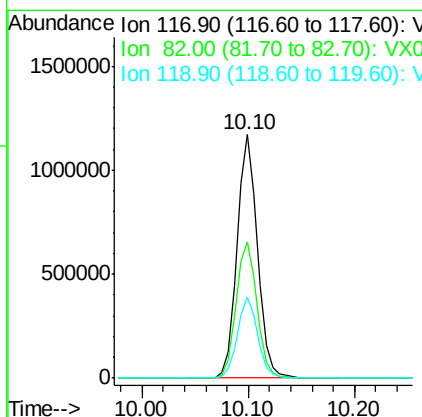
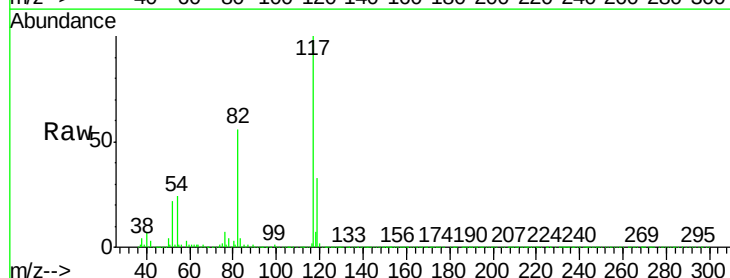
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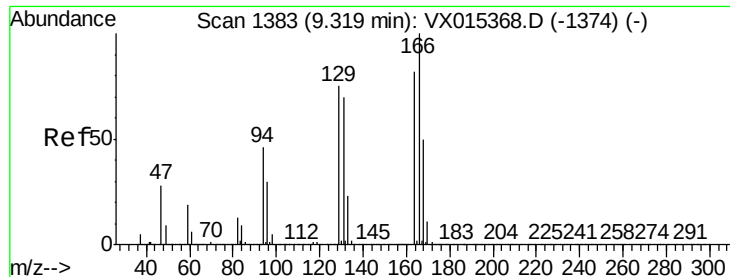
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	158.6
176	82.9	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015580.D
Acq: 08 Apr 2020 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.6	47.8	71.8
119	33.4	26.8	40.2





#64

Tetrachloroethene

Concen: 114.607 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015580.D

Acq: 08 Apr 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407

Tot Ion:164 Resp: 1362002

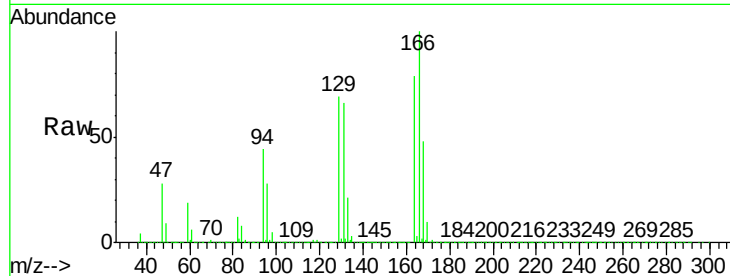
Ion Ratio Lower Upper

164 100

166 127.2 97.8 146.6

129 87.8 73.0 109.4

131 84.4 68.6 103.0

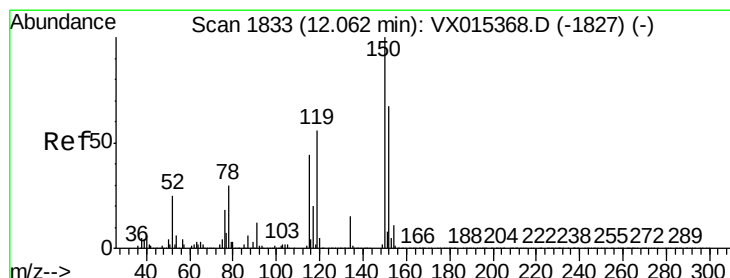
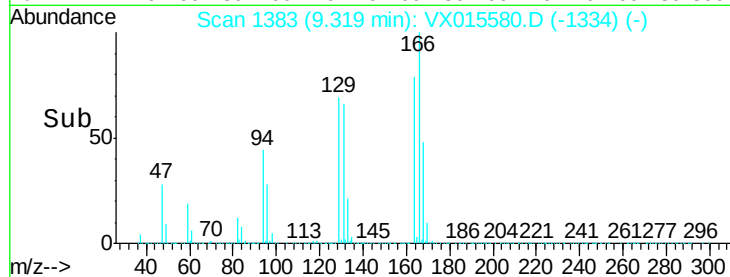
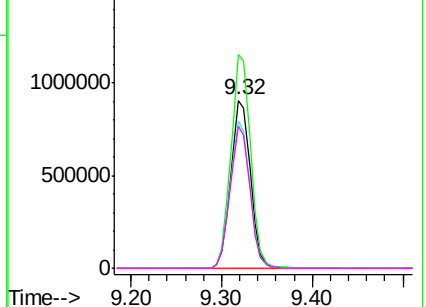


Abundance Ion 163.80 (163.50 to 164.50): V

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# 1833

Delta R.T. 0.00 min

Lab File: VX015580.D

Acq: 08 Apr 2020 19:26

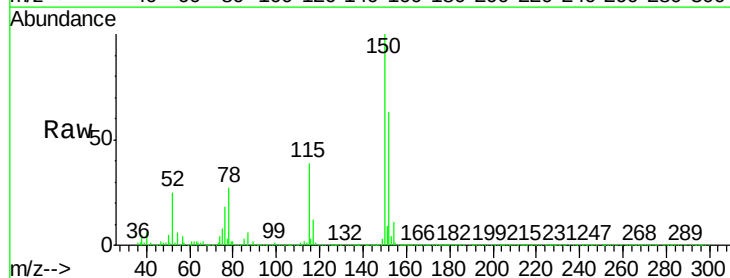
Tgt Ion:152 Resp: 862558

Ion Ratio Lower Upper

152 100

115 58.6 39.0 116.9

150 154.6 0.0 340.8



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

