

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
 Data File : VX015168.D
 Acq On : 10 Mar 2020 14:11
 Operator : JC/SP
 Sample : L1842-27
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20200306

Quant Time: Mar 11 08:34:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	338976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	556593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	536549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266595	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	210330	52.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.60%	
35) Dibromofluoromethane	5.49	113	173775	49.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.98%	
50) Toluene-d8	8.71	98	679789	50.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.14	95	245315	51.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.98%	

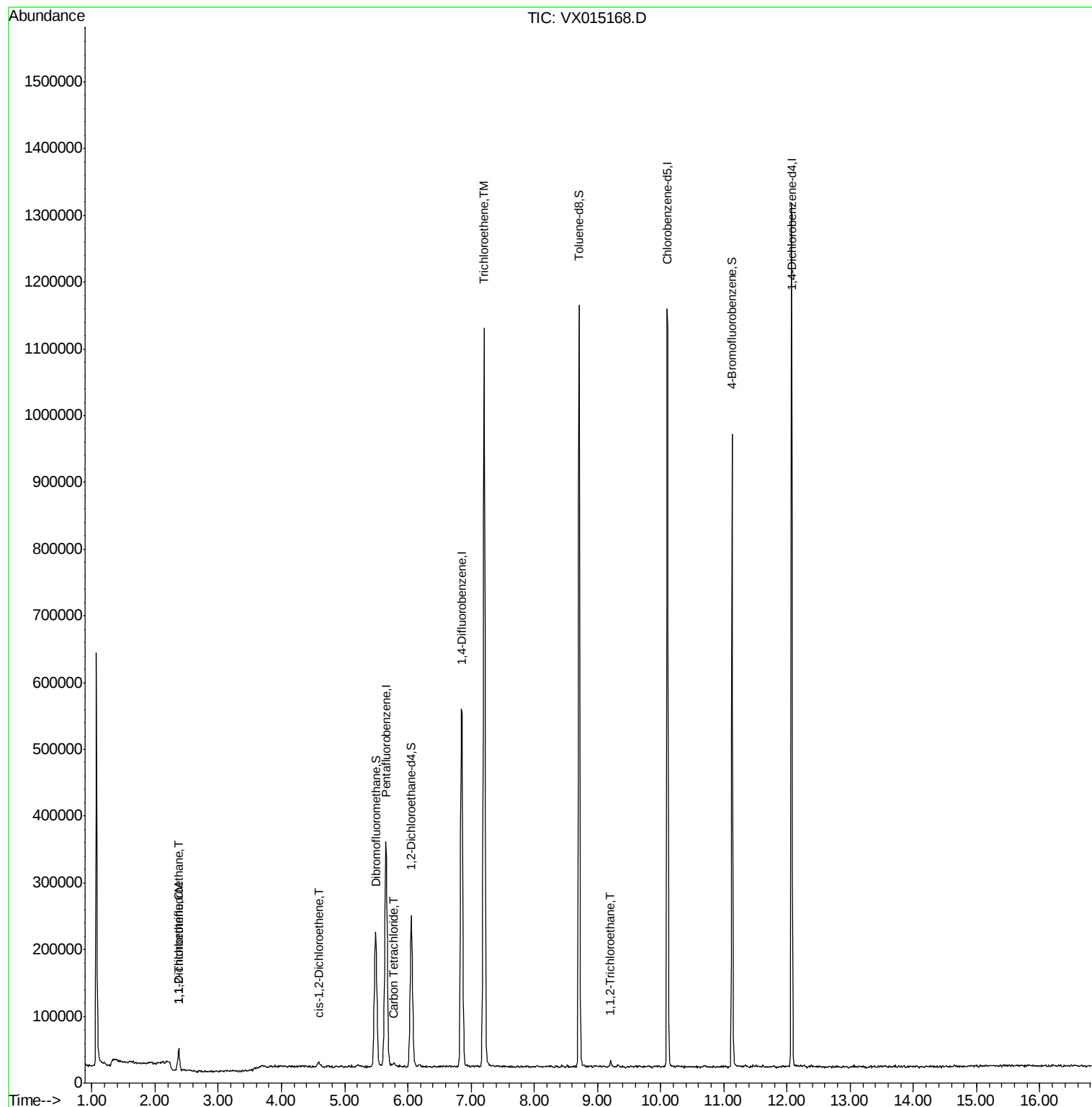
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	9105	2.853	ug/l	95
12) 1,1-Dichloroethene	2.37	96	6105	1.853	ug/l	85
27) cis-1,2-Dichloroethene	4.59	96	4381	1.110	ug/l	94
38) Carbon Tetrachloride	5.78	117	3332	0.686	ug/l	97
44) Trichloroethene	7.21	130	428689	100.833	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	3291	0.857	ug/l	92

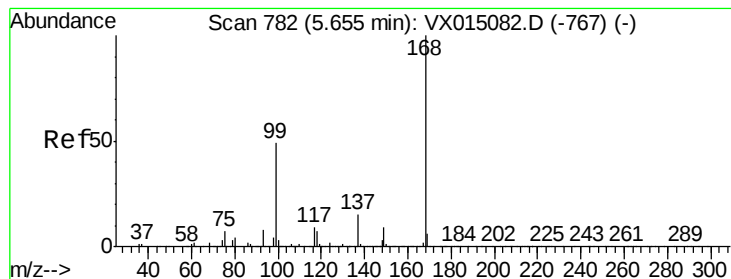
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015168.D

Acq: 10 Mar 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

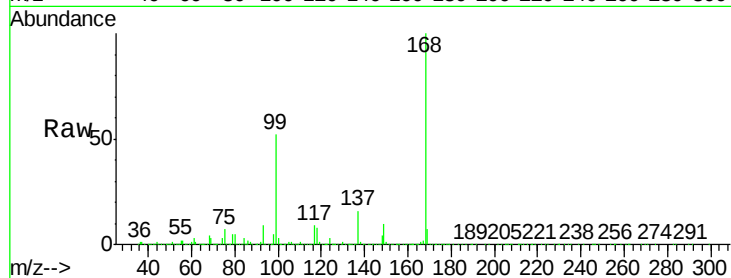
RE139D1-20200306

Tot Ion:168 Resp: 338976

Ion Ratio Lower Upper

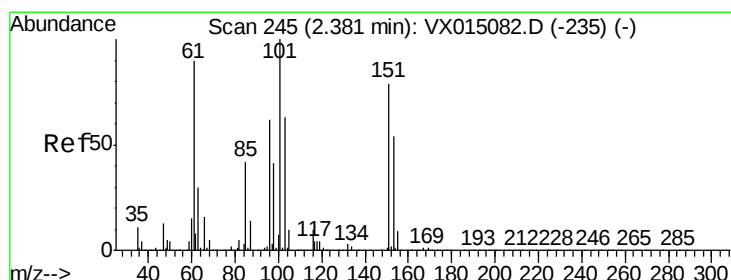
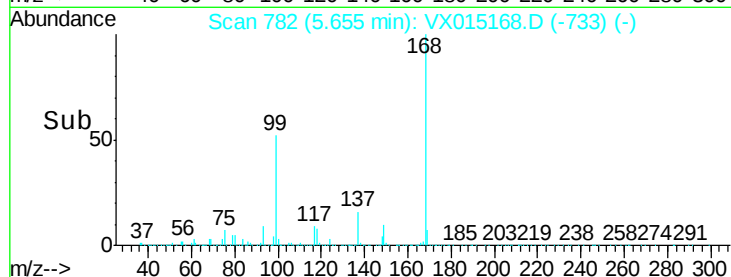
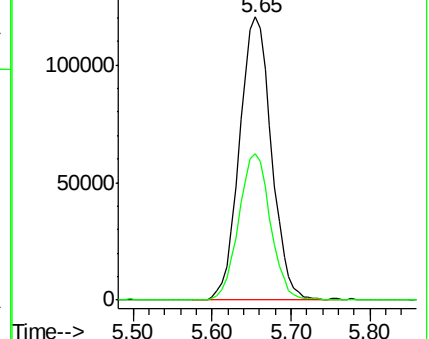
168 100

99 51.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.853 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015168.D

Acq: 10 Mar 2020 14:11

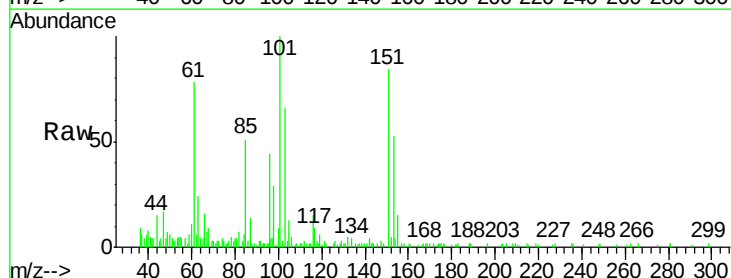
Tgt Ion:101 Resp: 9105

Ion Ratio Lower Upper

101 100

85 49.5 33.7 50.5

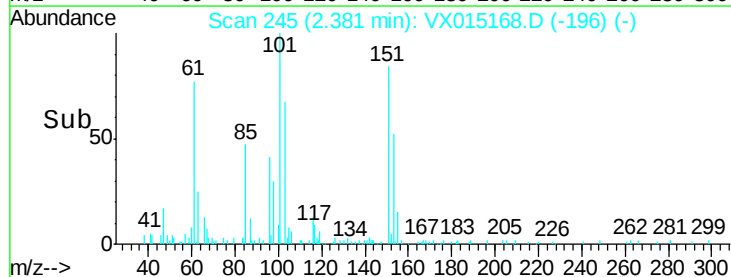
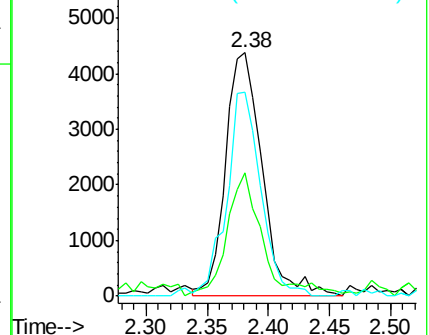
151 79.1 64.0 96.0

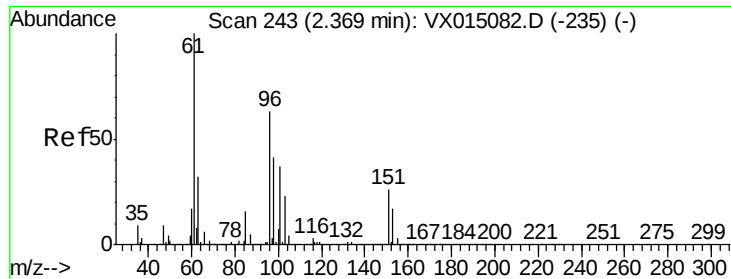


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.853 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015168.D

Acq: 10 Mar 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

RE139D1-20200306

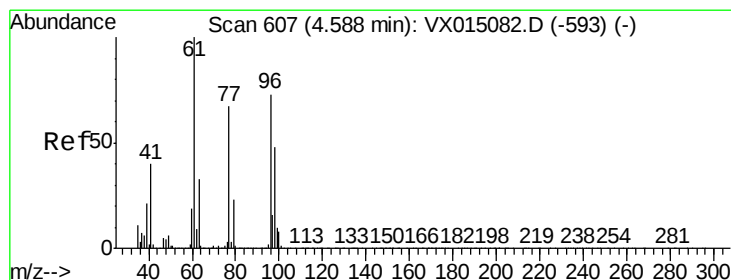
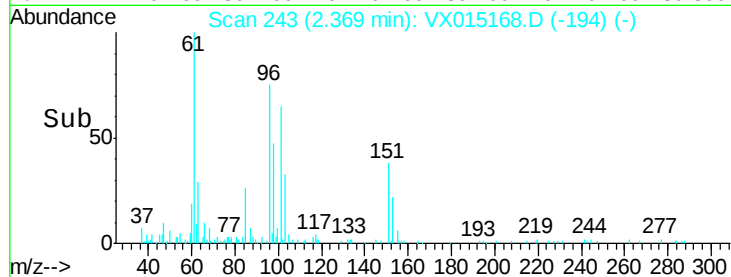
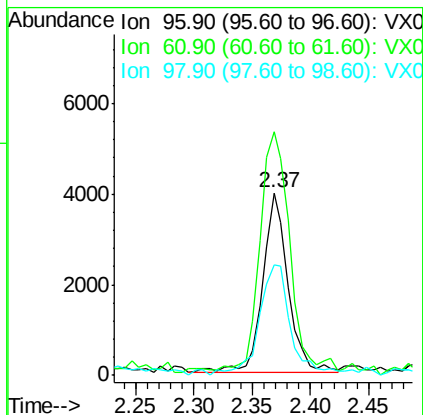
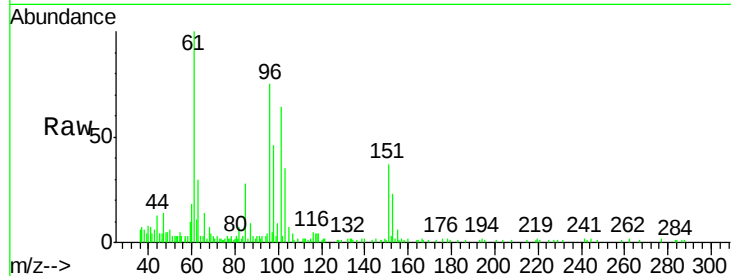
Tot Ion: 96 Resp: 6105

Ion Ratio Lower Upper

96 100

61 132.6 126.2 189.4

98 61.6 51.4 77.0



#27

cis-1,2-Dichloroethene

Concen: 1.110 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015168.D

Acq: 10 Mar 2020 14:11

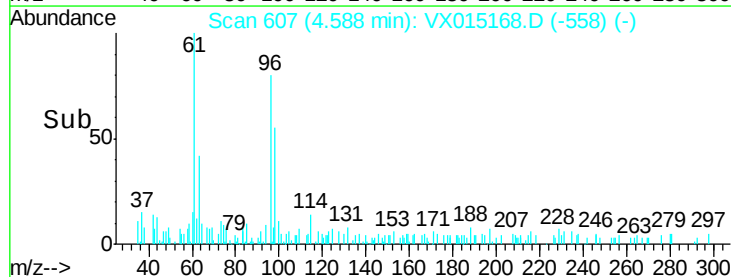
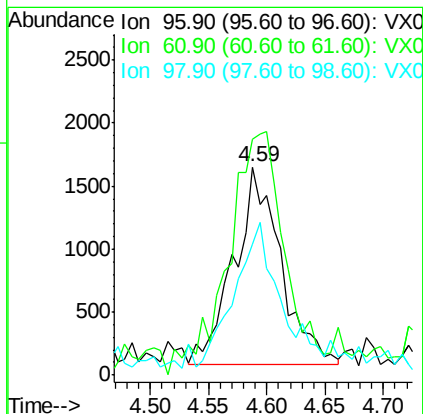
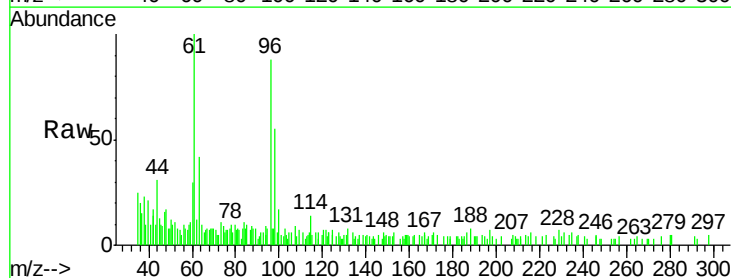
Tgt Ion: 96 Resp: 4381

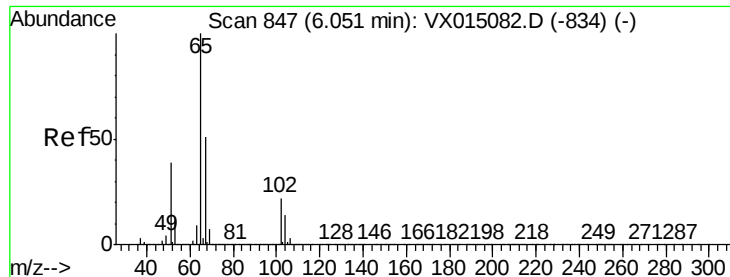
Ion Ratio Lower Upper

96 100

61 149.5 0.0 286.8

98 70.3 0.0 128.4

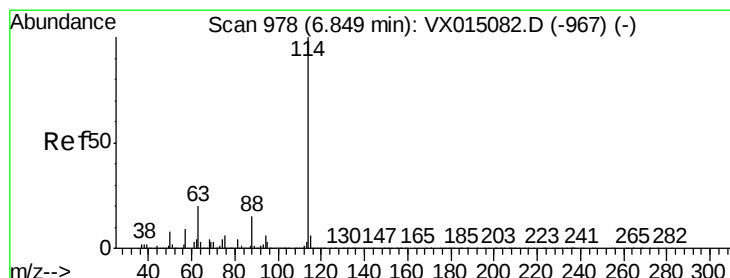
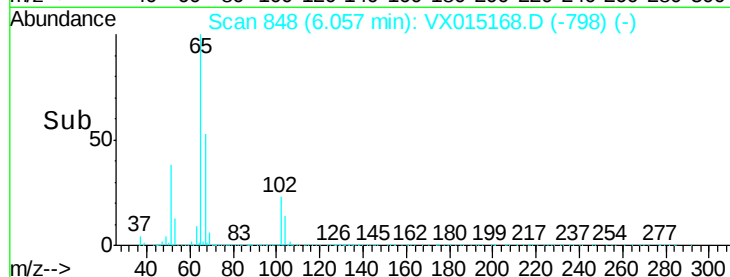
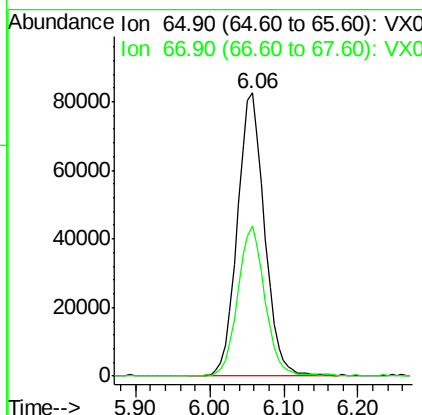
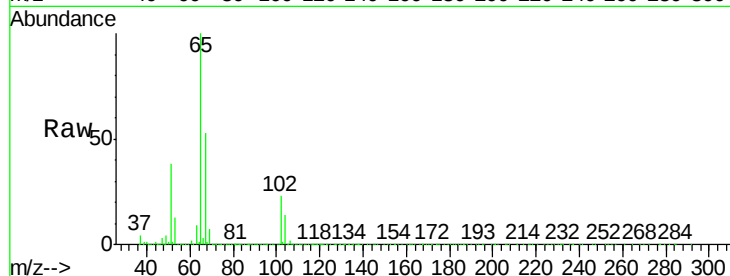




#33
 1,2-Dichloroethane-d4
 Concen: 52.301 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015168.D
 Acq: 10 Mar 2020 14:11

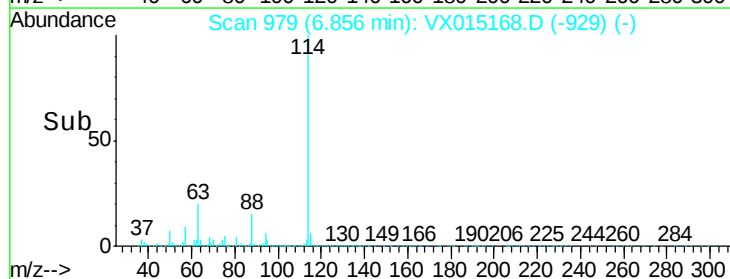
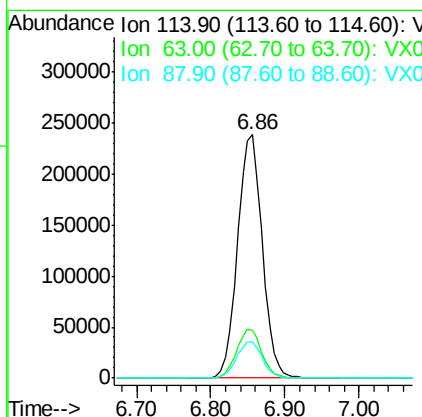
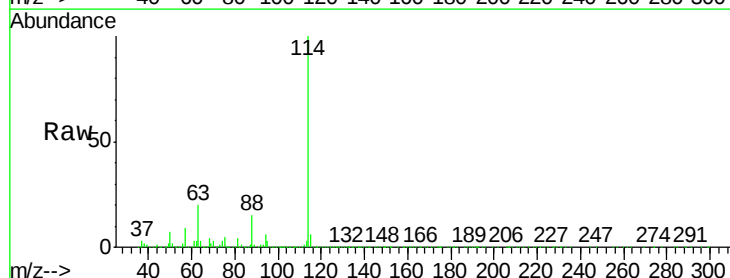
Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20200306

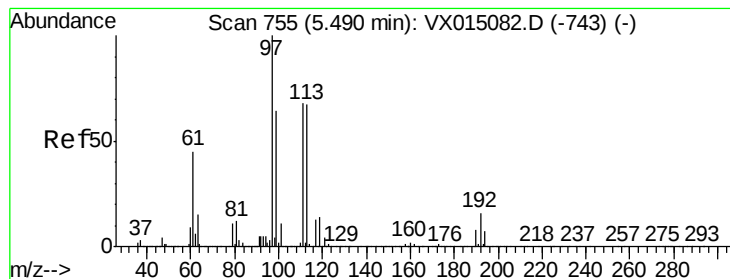
Tot Ion: 65 Resp: 210330
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX015168.D
 Acq: 10 Mar 2020 14:11

Tgt Ion: 114 Resp: 556593
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.489 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015168.D

Acq: 10 Mar 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

RE139D1-20200306

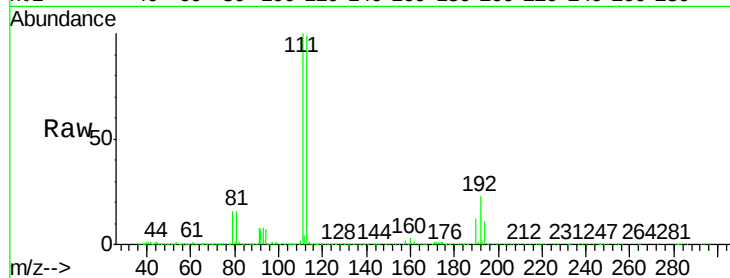
Tot Ion:113 Resp: 173775

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

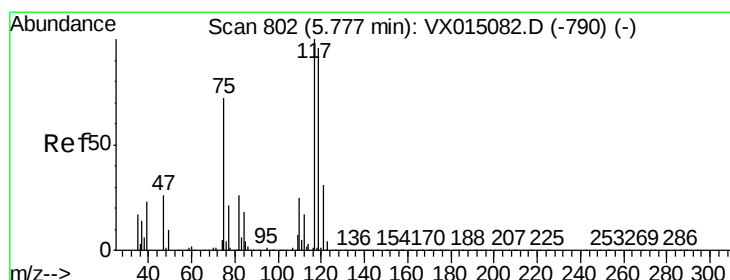
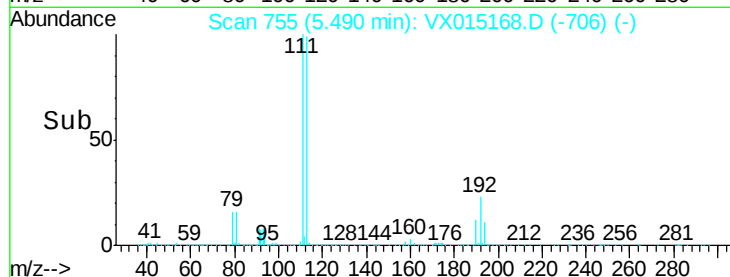
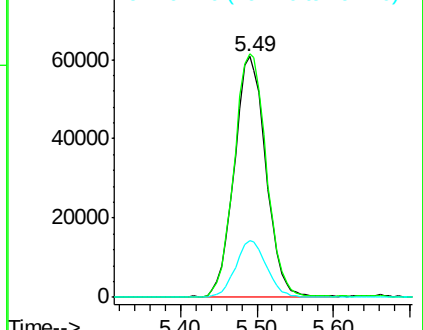
192 23.5 18.6 28.0



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



#38

Carbon Tetrachloride

Concen: 0.686 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX015168.D

Acq: 10 Mar 2020 14:11

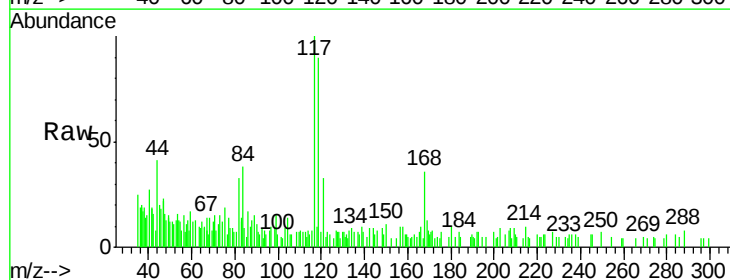
Tgt Ion:117 Resp: 3332

Ion Ratio Lower Upper

117 100

119 97.5 76.9 115.3

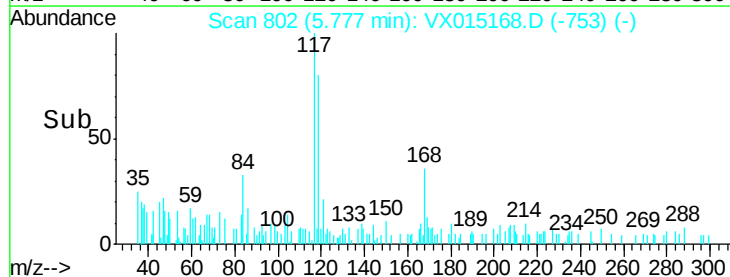
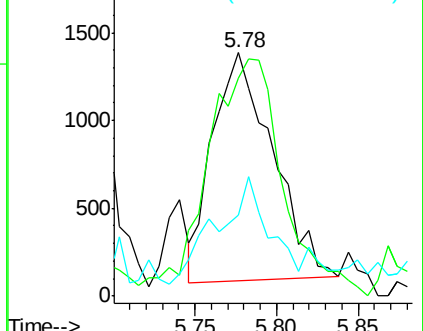
121 27.6 24.6 37.0

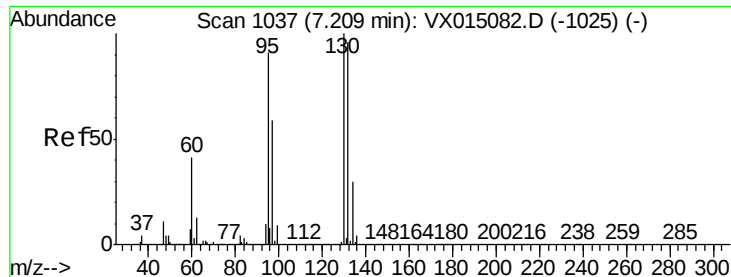


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 100.833 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015168.D

Acq: 10 Mar 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

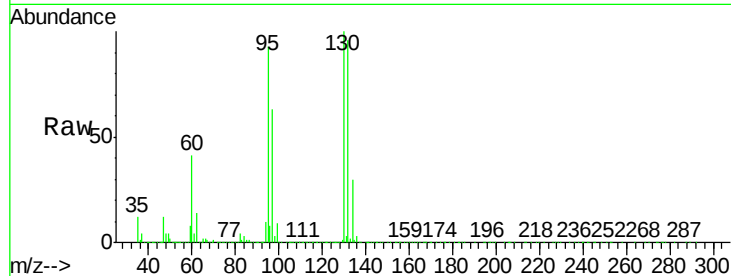
RE139D1-20200306

Tot Ion:130 Resp: 428689

Ion Ratio Lower Upper

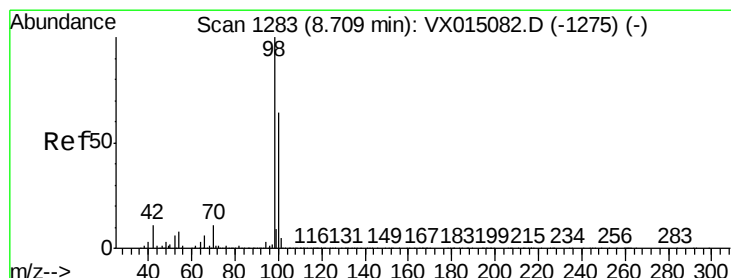
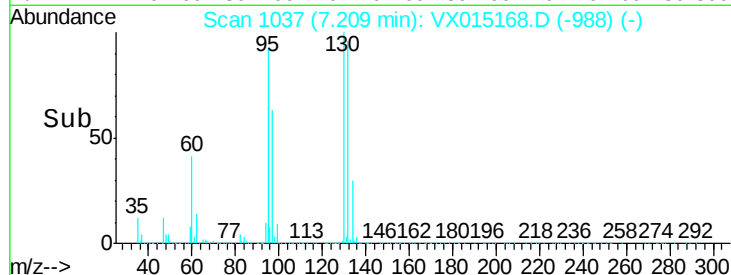
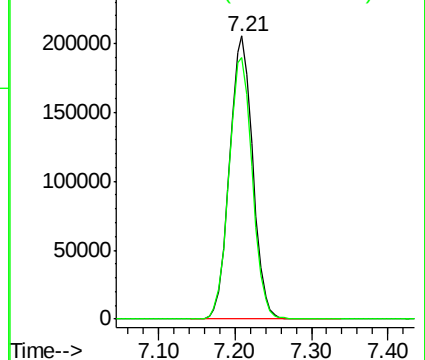
130 100

95 92.4 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.895 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015168.D

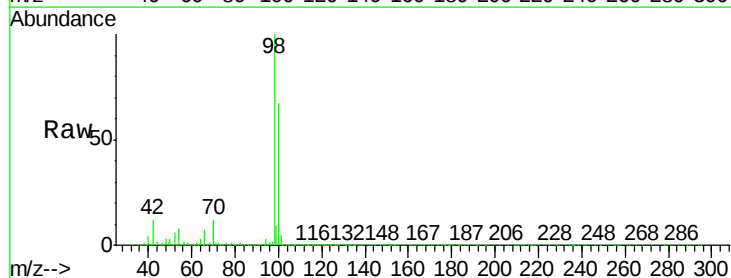
Acq: 10 Mar 2020 14:11

Tgt Ion: 98 Resp: 679789

Ion Ratio Lower Upper

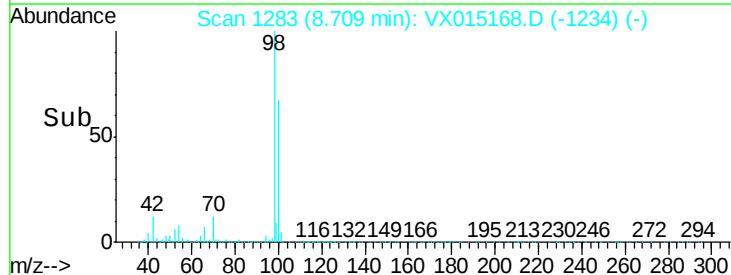
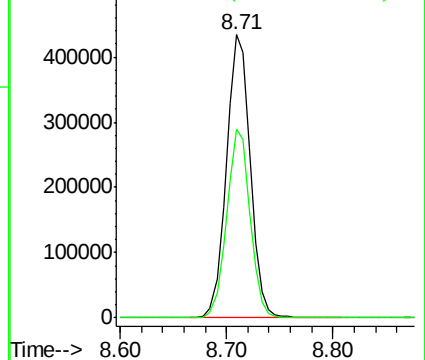
98 100

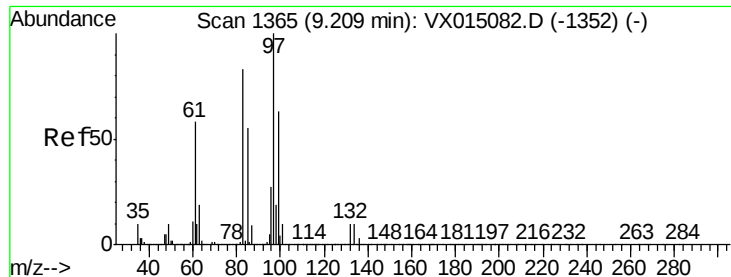
100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

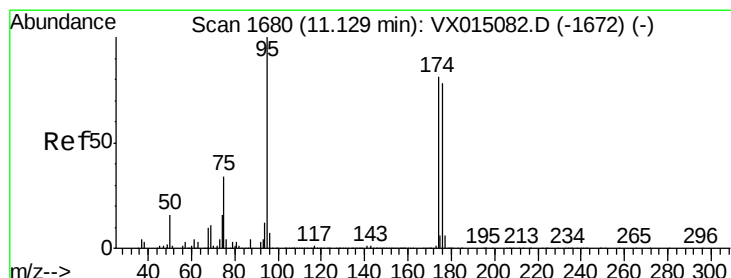
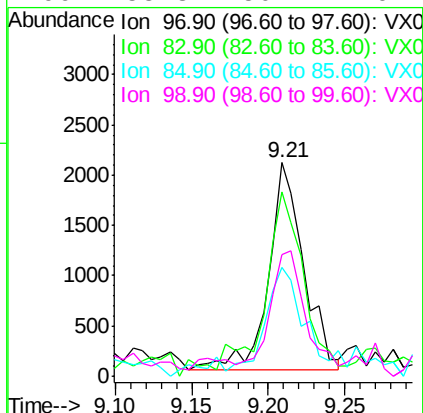
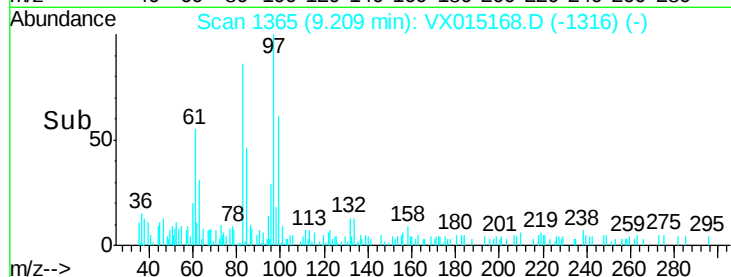
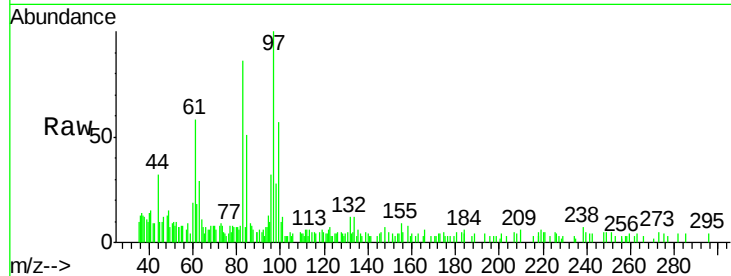




#55
 1,1,2-Trichloroethane
 Concen: 0.857 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015168.D
 Acq: 10 Mar 2020 14:11

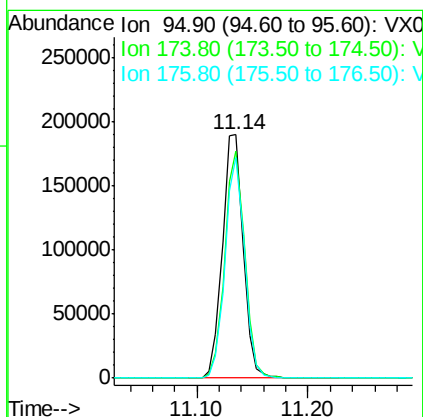
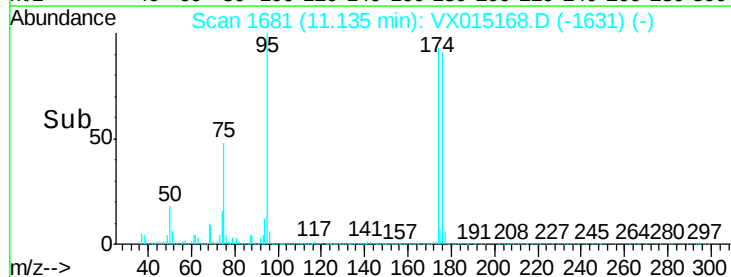
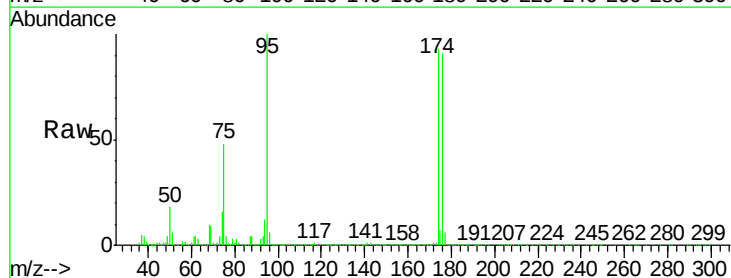
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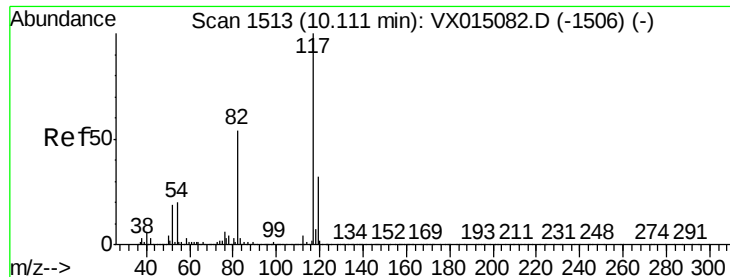
Tot Ion:	97	Resp:	3291
Ion	Ratio	Lower	Upper
97	100		
83	80.8	66.4	99.6
85	43.8	43.5	65.3
99	55.3	50.7	76.1



#62
 4-Bromofluorobenzene
 Concen: 51.491 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX015168.D
 Acq: 10 Mar 2020 14:11

Tgt Ion:	95	Resp:	245315
Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	177.6
176	85.8	0.0	170.2

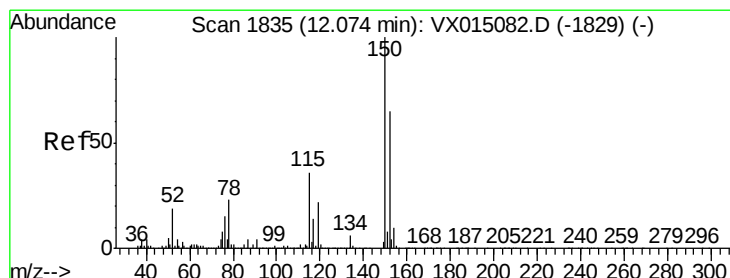
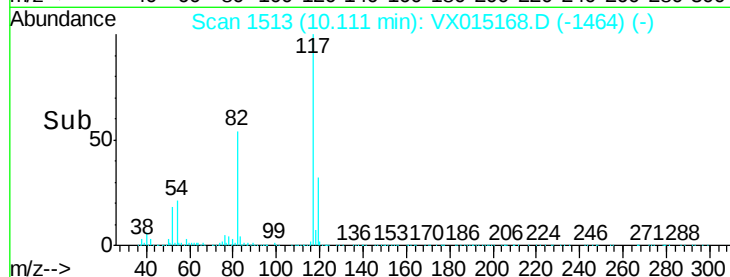
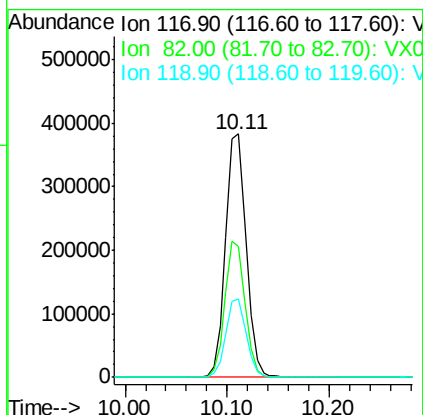
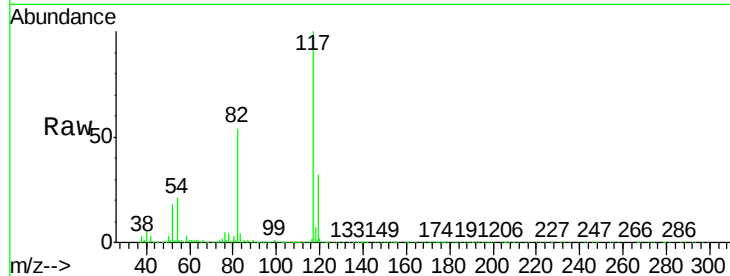




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015168.D
Acq: 10 Mar 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20200306

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.3	64.9
119	32.1	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015168.D
Acq: 10 Mar 2020 14:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	38.2	114.6
150	157.0	0.0	343.8

