

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005799.D
 Acq On : 06 Nov 2018 10:52
 Operator : JC/MD
 Sample : VX1106MBL01
 Misc : 5.00µl/100µl/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106MBL01

Quant Time: Nov 06 12:37:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	143334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	218735	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	188021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84656	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	99665	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
35) Dibromofluoromethane	5.50	113	77867	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
50) Toluene-d8	8.71	98	284860	53.63	ug/l	0.00
Spiked Amount			Recovery	=	107.26%	
62) 4-Bromofluorobenzene	11.14	95	84023	42.86	ug/l	0.00
Spiked Amount			Recovery	=	85.72%	

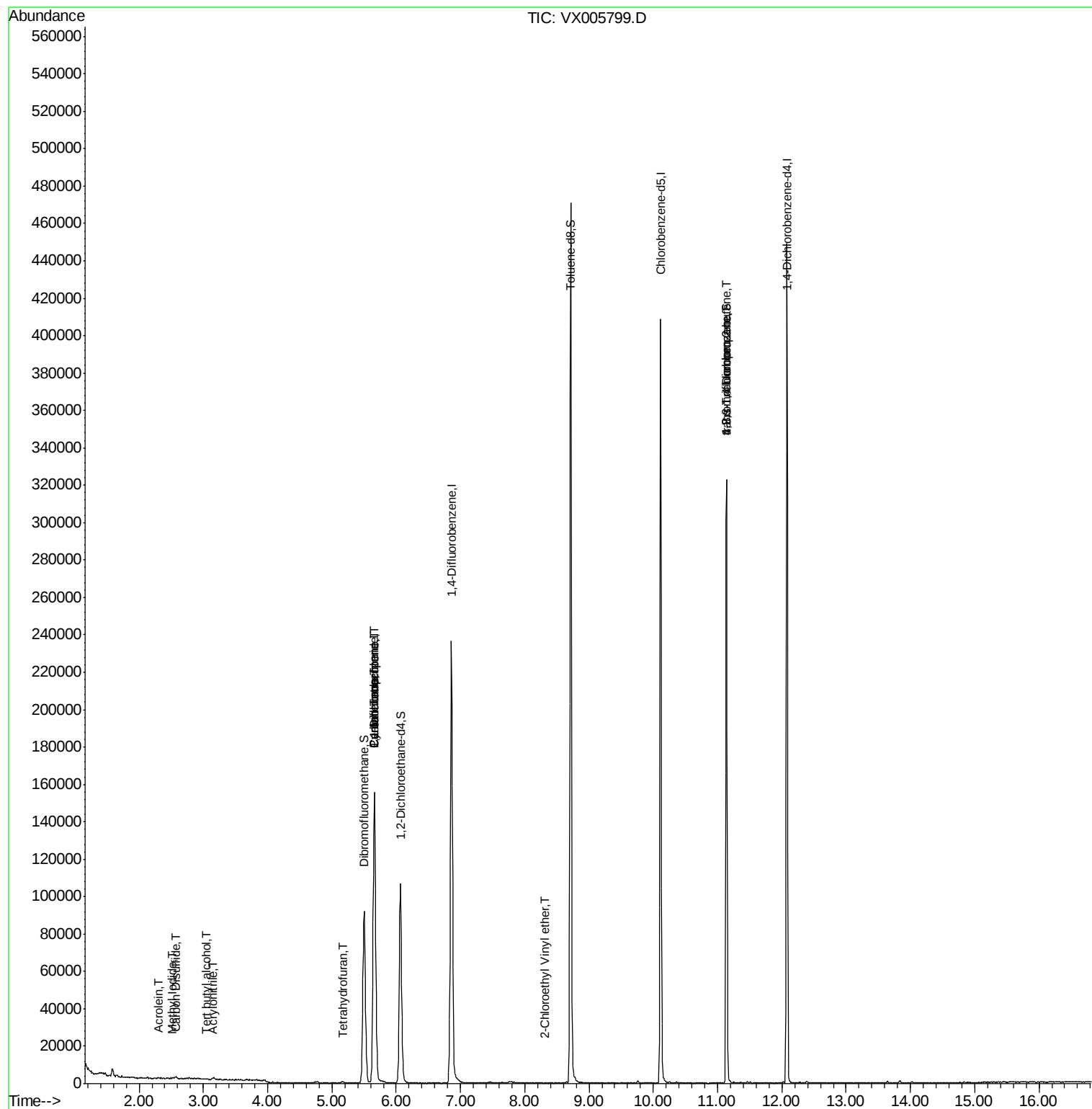
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.71	64	84	Below Cal	#	42
10) Methyl Iodide	2.51	142	87	1.99	ug/l #	39
11) Tert butyl alcohol	3.04	59	249	0.44	ug/l #	72
13) Acrolein	2.29	56	181	12.61	ug/l	95
15) Acrylonitrile	3.14	53	519	0.41	ug/l #	75
16) Acetone	2.43	43	392	Below Cal		91
17) Carbon Disulfide	2.57	76	1226	0.26	ug/l #	88
29) Tetrahydrofuran	5.17	42	556	0.52	ug/l #	77
31) Cyclohexane	5.65	56	3239	1.16	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	11963	5.13	ug/l #	49
38) Carbon Tetrachloride	5.66	117	13410	6.37	ug/l #	16
58) 2-Chloroethyl Vinyl ether	8.32	63	86	10.39	ug/l #	48
76) 1,2,3-Trichloropropane	11.14	75	43230	20.50	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	43230	66.24	ug/l #	9

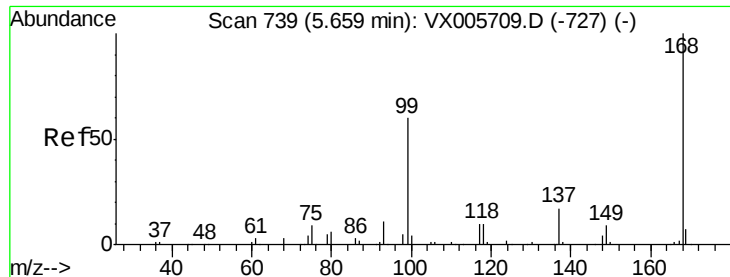
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110618\
Data File : VX005799.D
Acq On : 06 Nov 2018 10:52
Operator : JC/MD
Sample : VX1106MBL01
Misc : 5.0µl/10ml/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX1106MBL01

Quant Time: Nov 06 12:37:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005799.D

Acq: 06 Nov 2018 10:52

Instrument :

MSVOA_X

ClientSampleId :

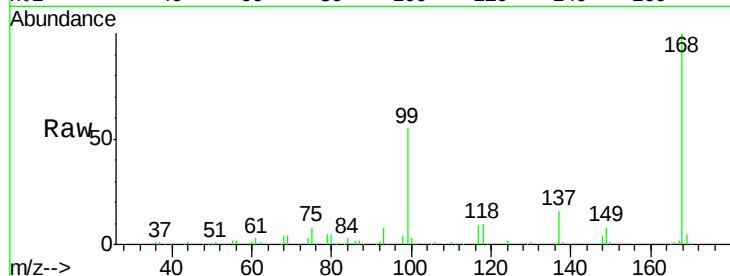
VX1106MBL01

Tot Ion:168 Resp: 143334

Ion Ratio Lower Upper

168 100

99 54.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

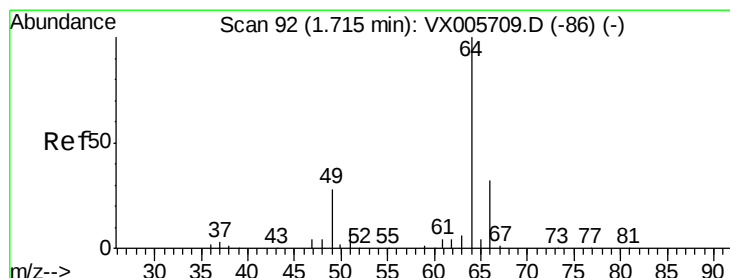
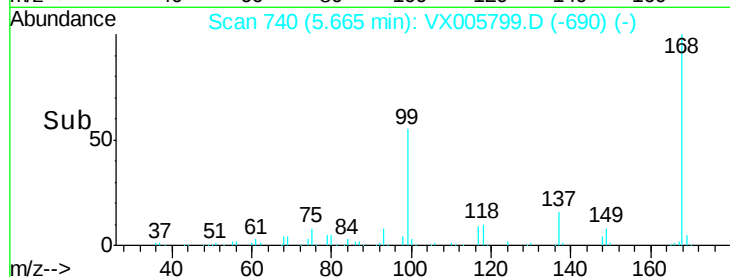
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005799.D

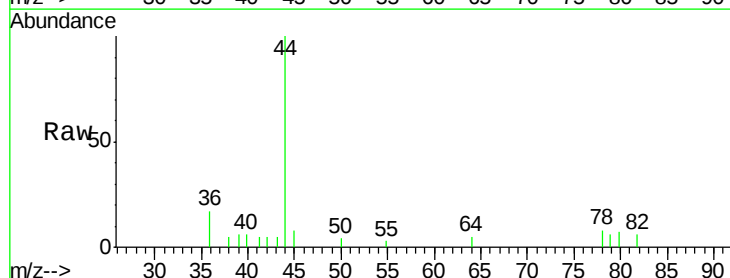
Acq: 06 Nov 2018 10:52

Tgt Ion: 64 Resp: 84

Ion Ratio Lower Upper

64 100

66 0.0 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

100

80

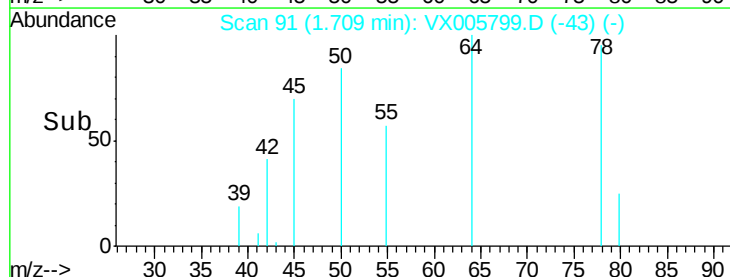
60

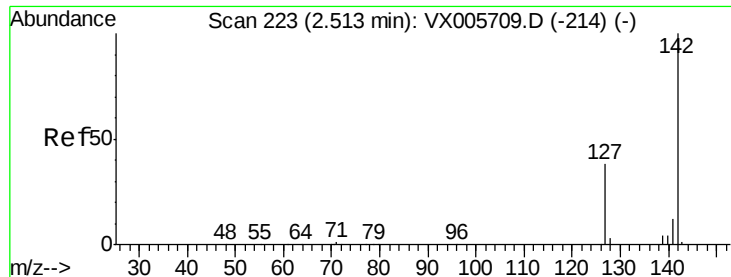
40

20

0

Time--> 1.68 1.70 1.72

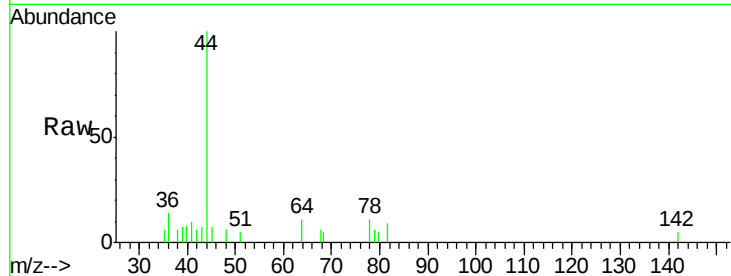




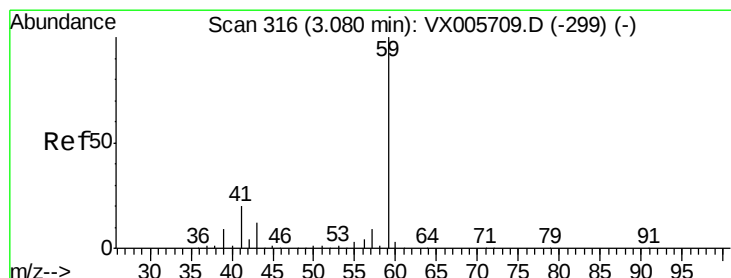
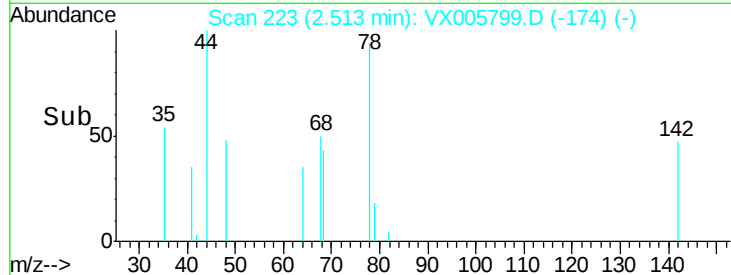
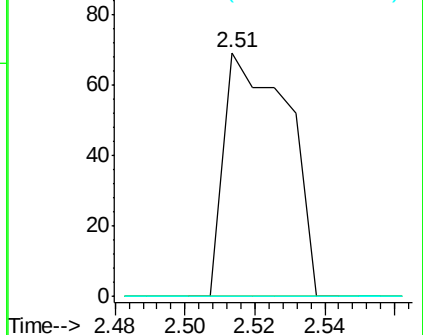
#10
Methyl Iodide
Concen: 1.99 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX005799.D
Acq: 06 Nov 2018 10:52

Instrument :
MSVOA_X
ClientSampled :
VX1106MBL01

Tot Ion:142 Resp: 87
Ion Ratio Lower Upper
142 100
127 0.0 36.0 54.0#
141 0.0 11.7 17.5#

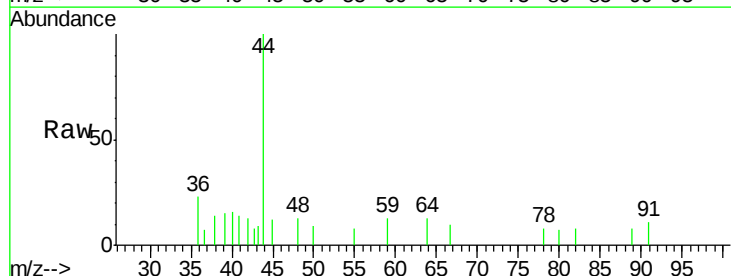


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

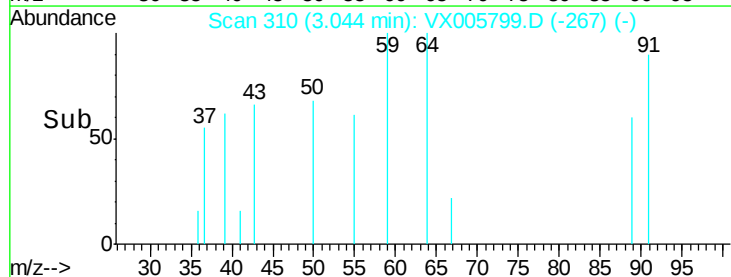
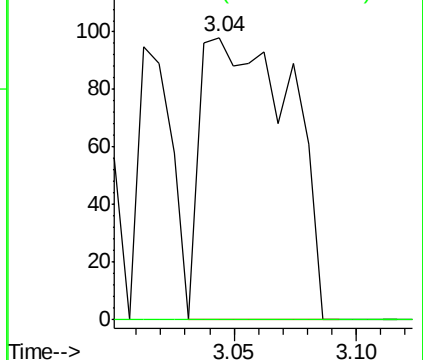


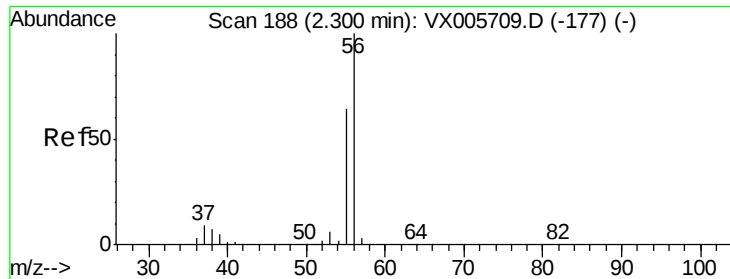
#11
Tert butyl alcohol
Concen: 0.44 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.04 min
Lab File: VX005799.D
Acq: 06 Nov 2018 10:52

Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 12.61 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005799.D

Acq: 06 Nov 2018 10:52

Instrument :

MSVOA_X

ClientSampleId :

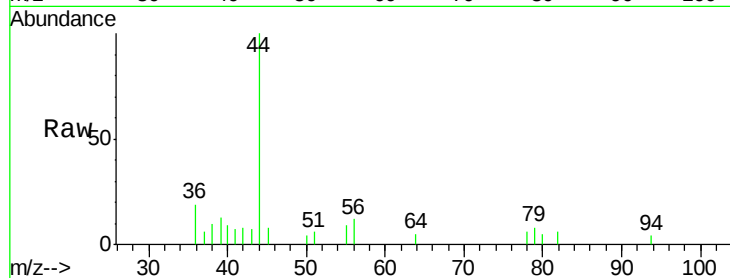
VX1106MBL01

Tot Ion: 56 Resp: 181

Ion Ratio Lower Upper

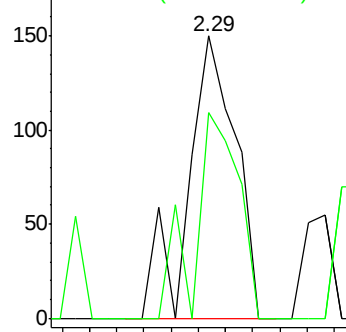
56 100

55 67.4 57.3 85.9

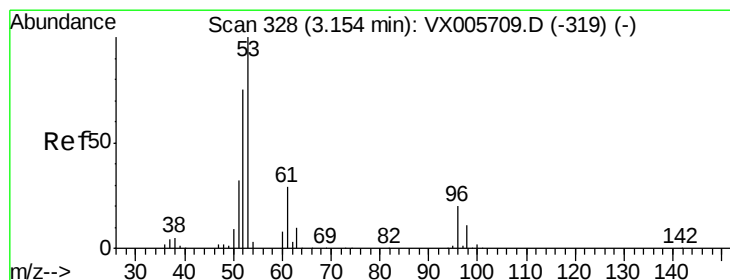
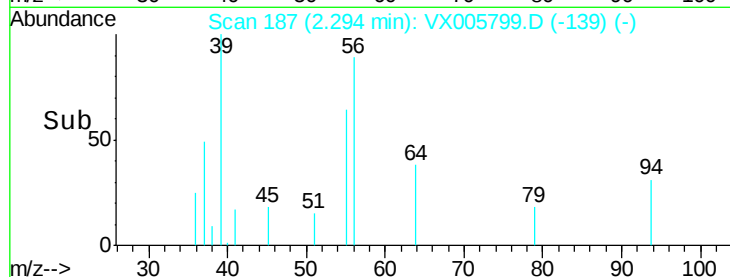


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#15

Acrylonitrile

Concen: 0.41 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.02 min

Lab File: VX005799.D

Acq: 06 Nov 2018 10:52

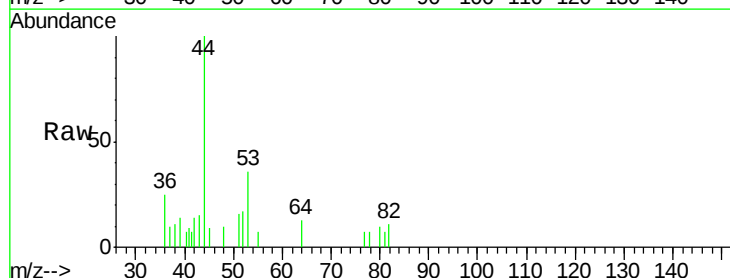
Tgt Ion: 53 Resp: 519

Ion Ratio Lower Upper

53 100

52 89.6 66.6 99.8

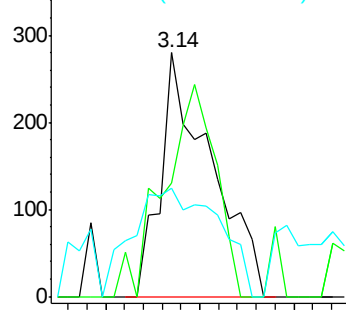
51 75.5 28.4 42.6#



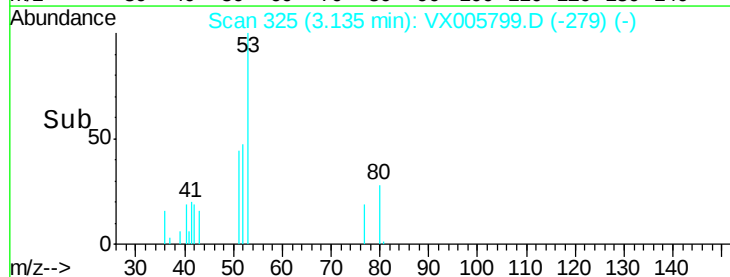
Abundance Ion 53.00 (52.70 to 53.70): VX0

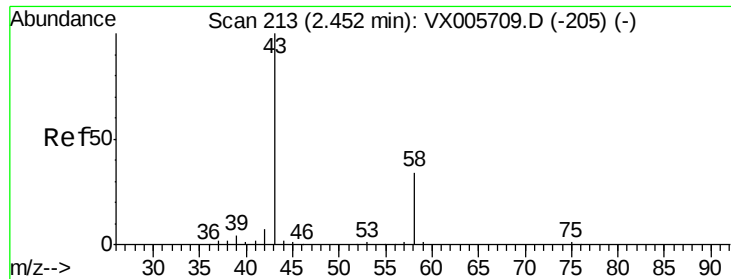
Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->





#16

Acetone

Concen: Below Cal

RT: 2.43 min Scan# 210

Delta R.T. -0.02 min

Lab File: VX005799.D

Acq: 06 Nov 2018 10:52

Instrument :

MSVOA_X

ClientSampled :

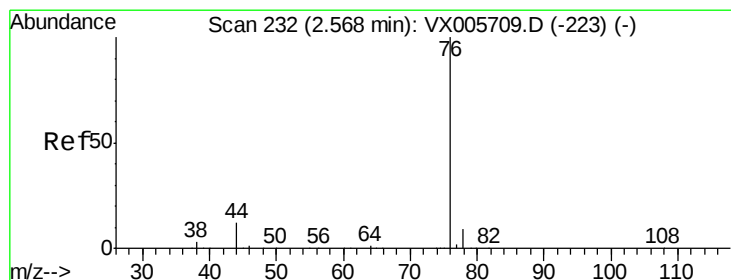
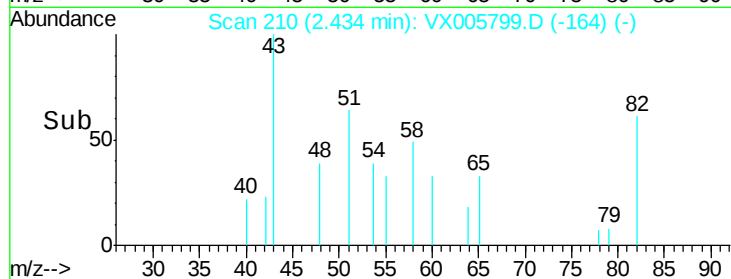
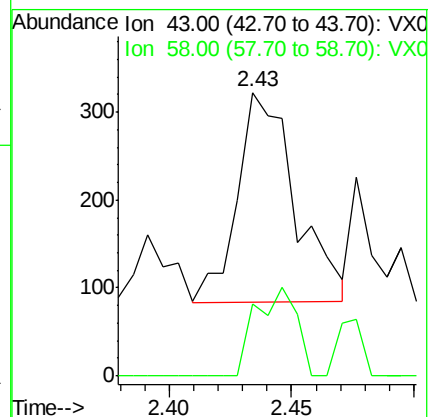
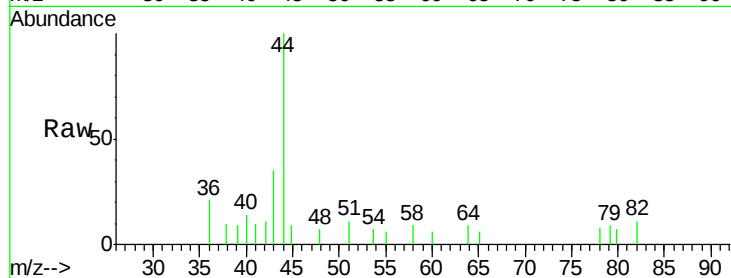
VX1106MBL01

Tot Ion: 43 Resp: 392

Ion Ratio Lower Upper

43 100

58 34.6 23.8 35.6



#17

Carbon Disulfide

Concen: 0.26 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX005799.D

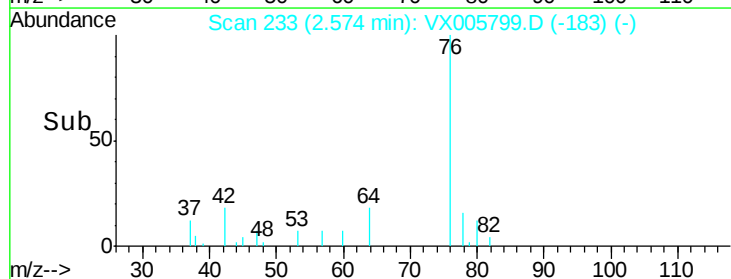
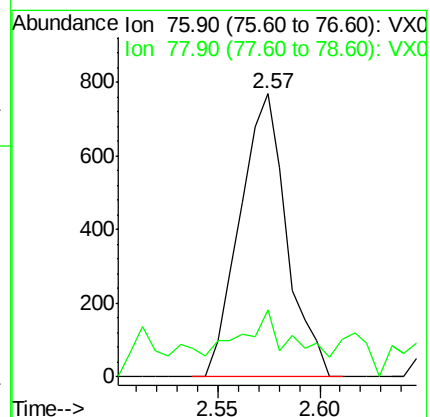
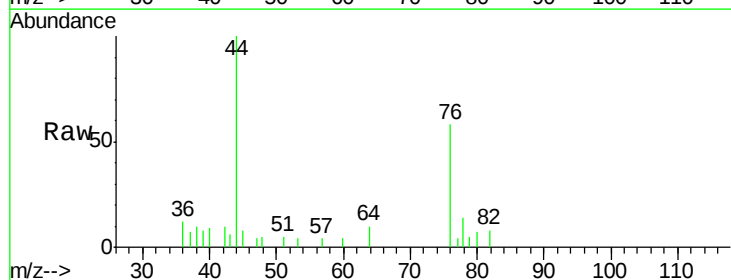
Acq: 06 Nov 2018 10:52

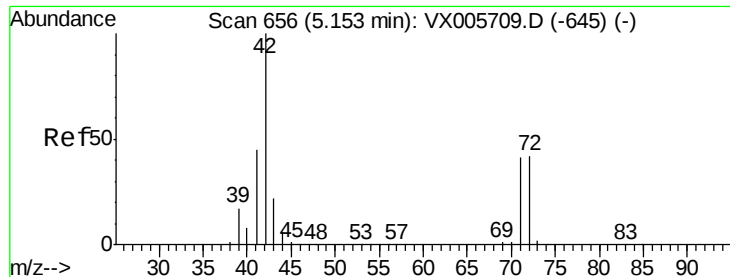
Tgt Ion: 76 Resp: 1226

Ion Ratio Lower Upper

76 100

78 13.5 7.3 10.9#





#29

Tetrahydrofuran

Concen: 0.52 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX005799.D

Acq: 06 Nov 2018 10:52

Instrument :

MSVOA_X

ClientSampled :

VX1106MBL01

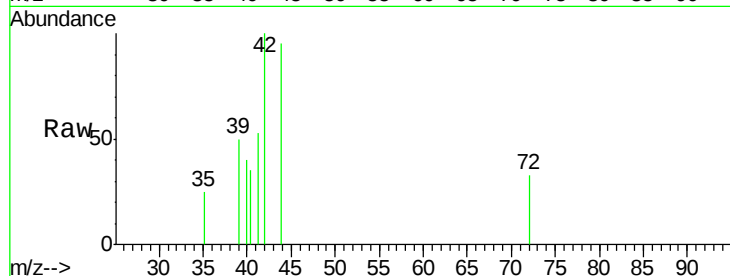
Tot Ion: 42 Resp: 556

Ion Ratio Lower Upper

42 100

72 32.0 32.0 48.0

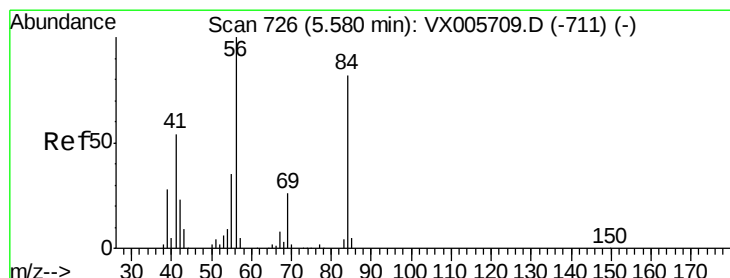
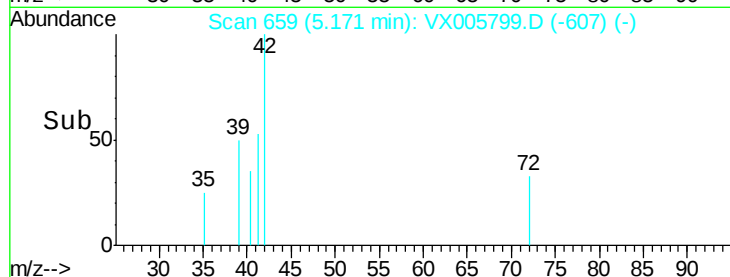
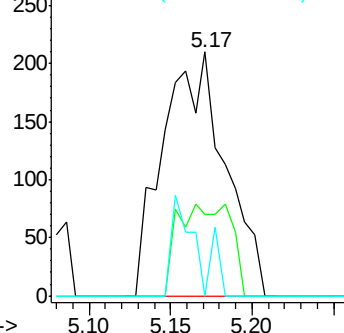
71 16.9 29.8 44.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 1.16 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.07 min

Lab File: VX005799.D

Acq: 06 Nov 2018 10:52

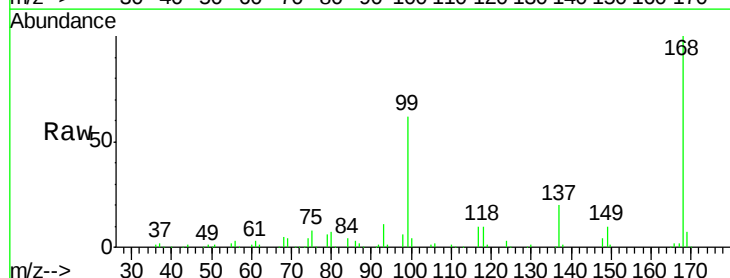
Tgt Ion: 56 Resp: 3239

Ion Ratio Lower Upper

56 100

69 143.0 22.6 34.0#

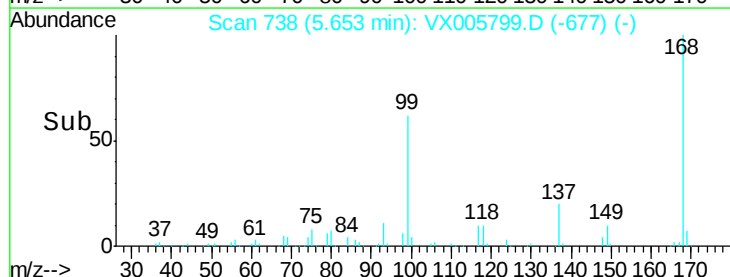
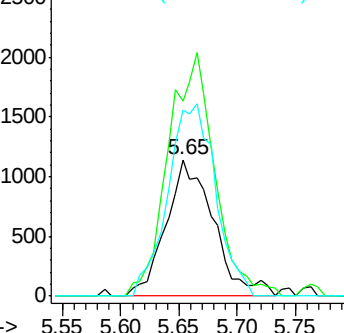
84 136.3 62.7 94.1#

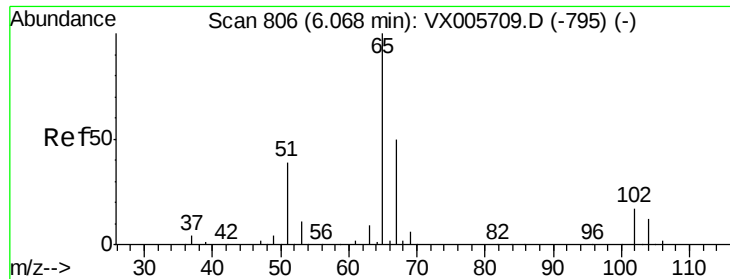


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

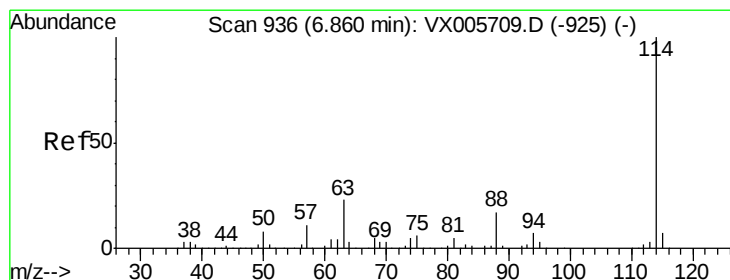
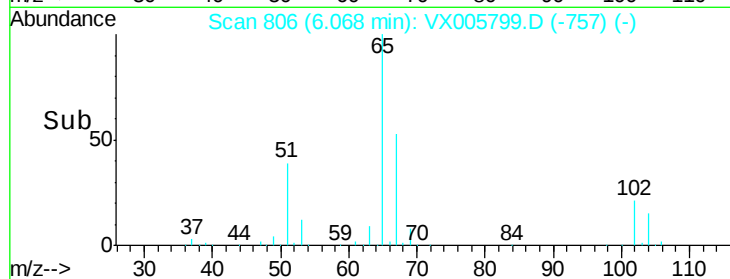
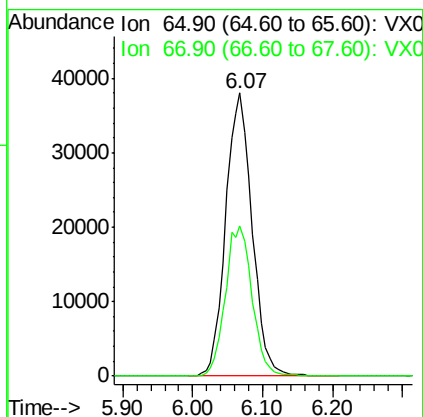
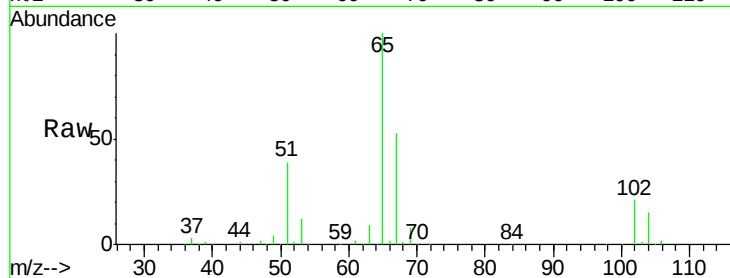




#33
 1,2-Dichloroethane-d4
 Concen: 47.56 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005799.D
 Acq: 06 Nov 2018 10:52

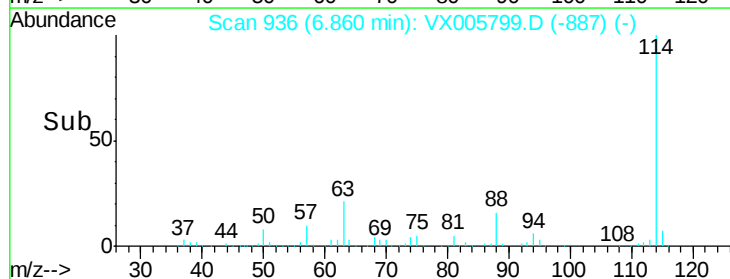
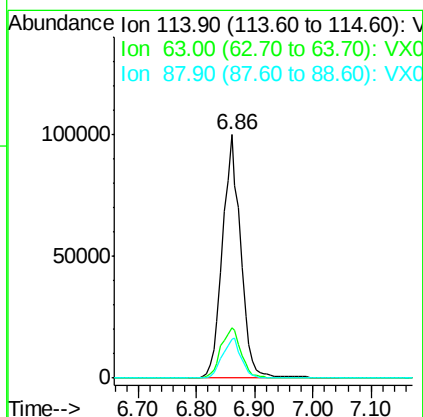
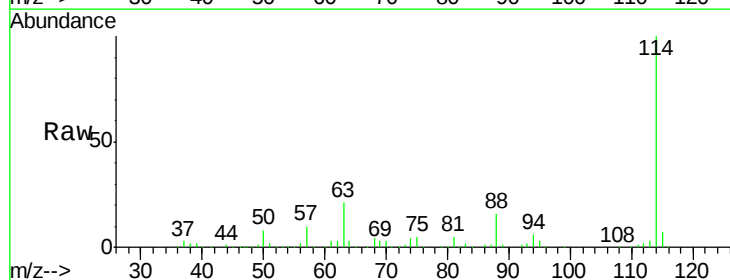
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106MBL01

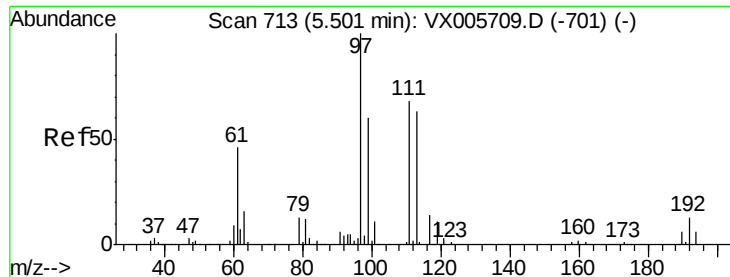
Tot Ion: 65 Resp: 99665
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005799.D
 Acq: 06 Nov 2018 10:52

Tgt Ion: 114 Resp: 218735
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 16.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.41 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005799.D

Acq: 06 Nov 2018 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX1106MBL01

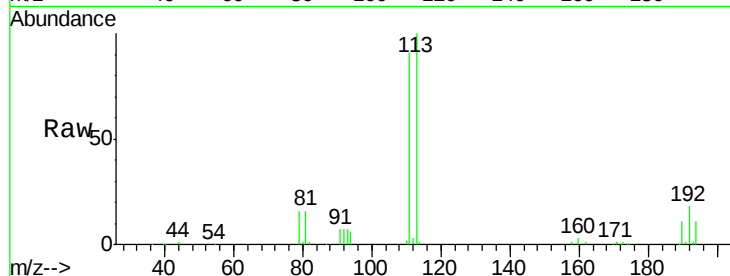
Tot Ion:113 Resp: 77867

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

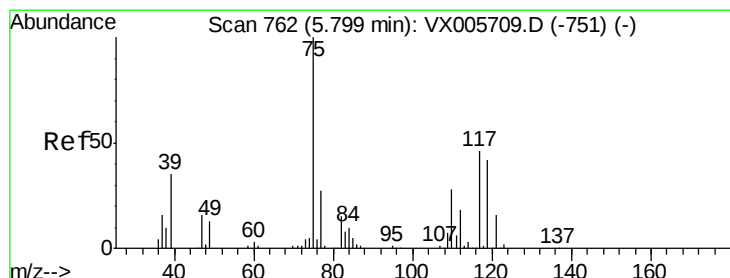
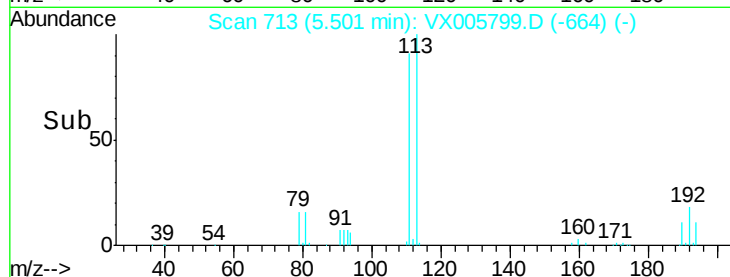
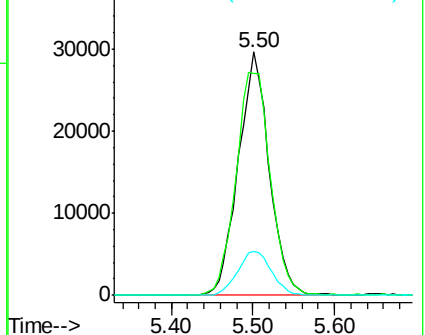
192 19.7 17.9 26.9



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



#36

1,1-Dichloropropene

Concen: 5.13 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005799.D

Acq: 06 Nov 2018 10:52

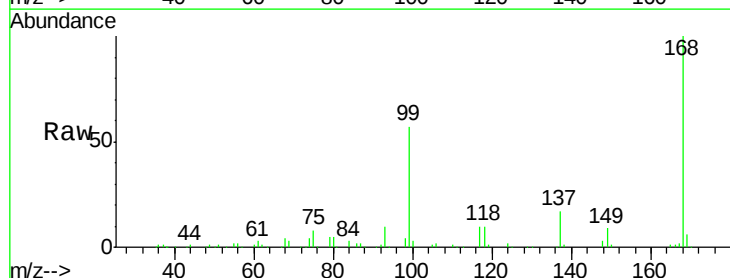
Tgt Ion: 75 Resp: 11963

Ion Ratio Lower Upper

75 100

110 9.2 17.4 52.2#

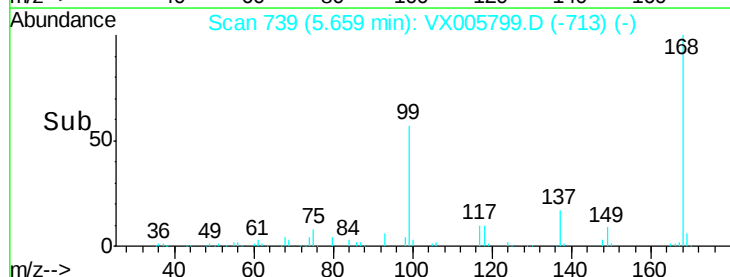
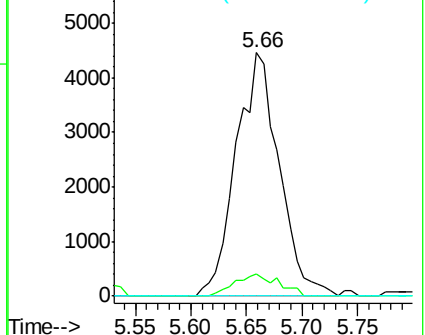
77 0.0 25.8 38.6#

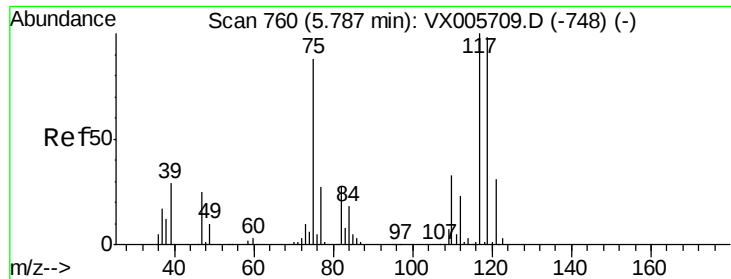


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.37 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX005799.D

Acq: 06 Nov 2018 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX1106MBL01

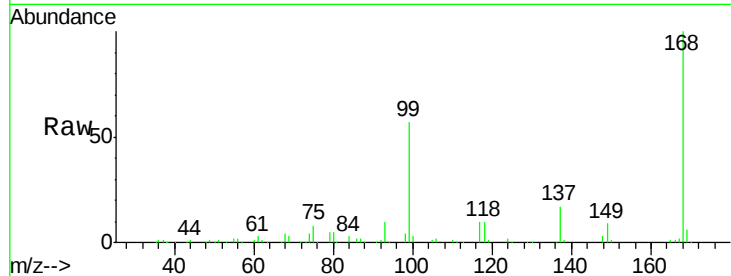
Tot Ion:117 Resp: 13410

Ion Ratio Lower Upper

117 100

119 6.1 78.1 117.1#

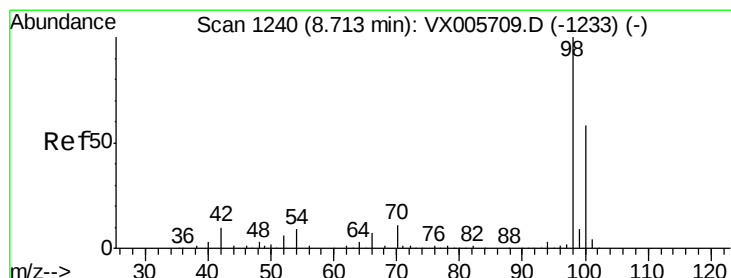
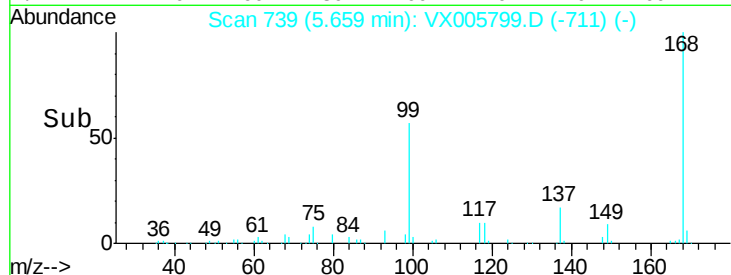
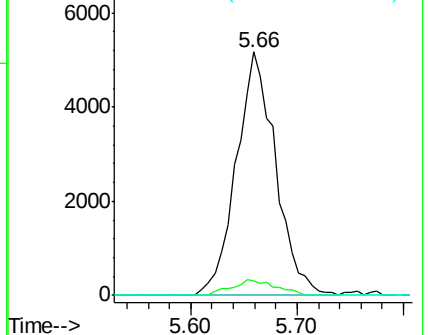
121 0.0 24.6 36.8#



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



#50

Toluene-d8

Concen: 53.63 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005799.D

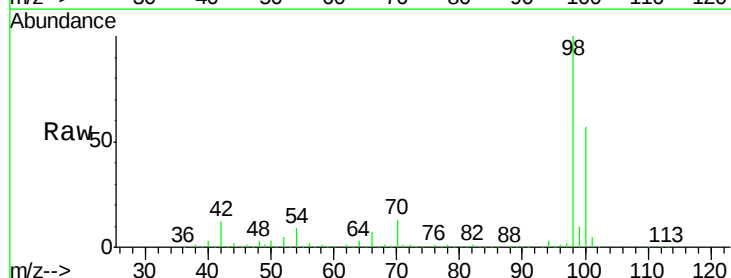
Acq: 06 Nov 2018 10:52

Tgt Ion: 98 Resp: 284860

Ion Ratio Lower Upper

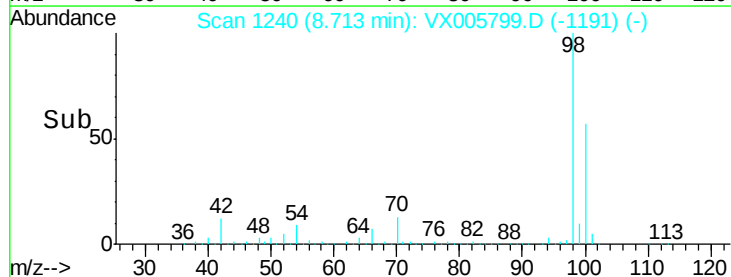
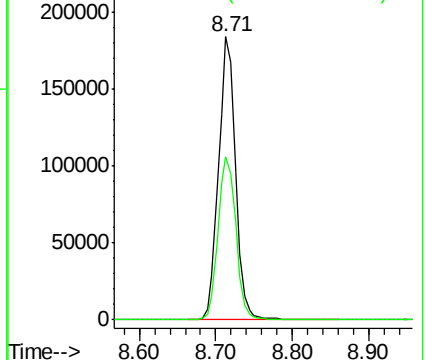
98 100

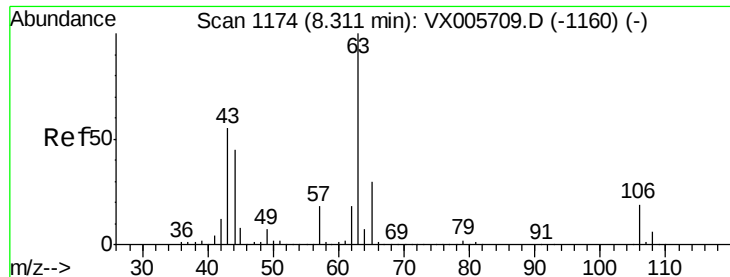
100 60.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

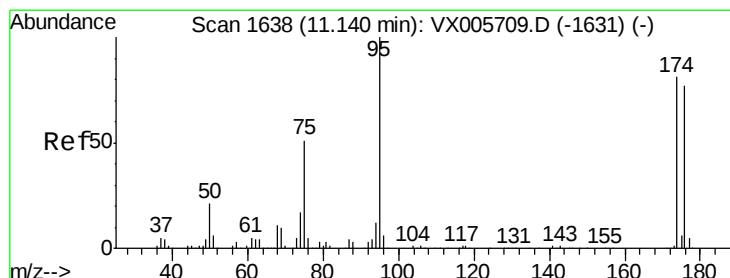
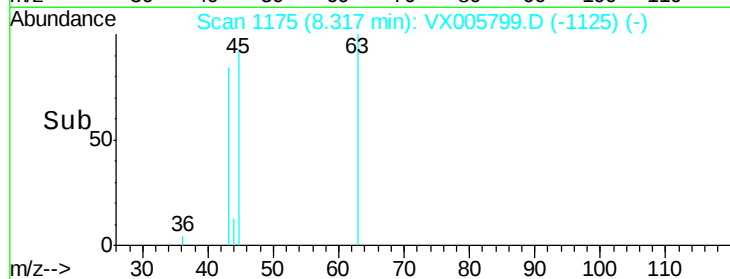
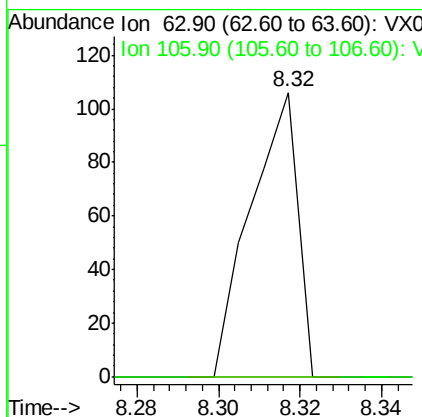
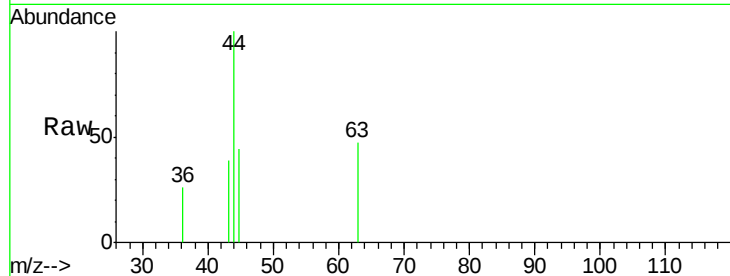




#58
 2-Chloroethyl Vinyl ether
 Concen: 10.39 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005799.D
 Acq: 06 Nov 2018 10:52

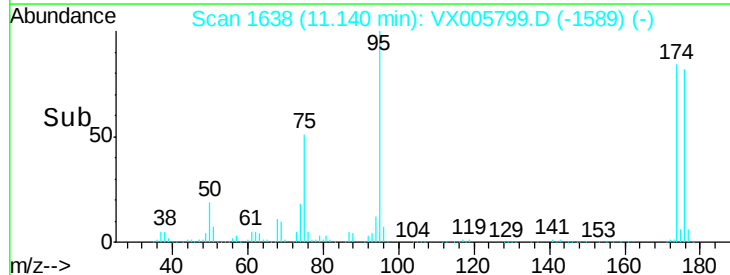
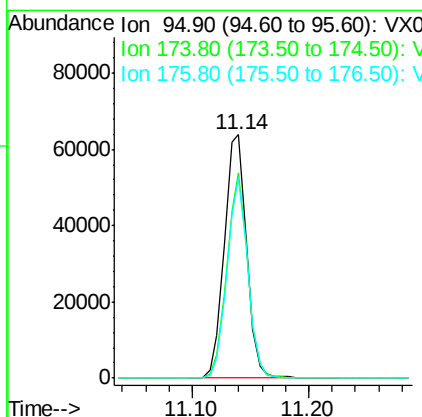
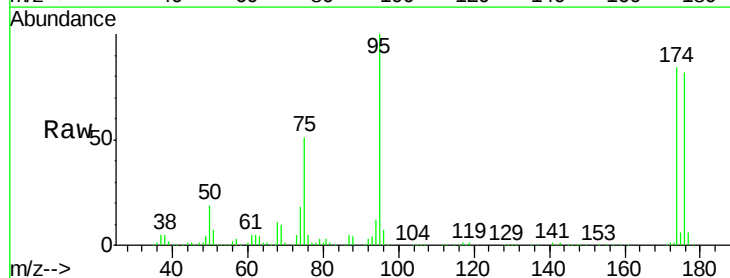
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106MBL01

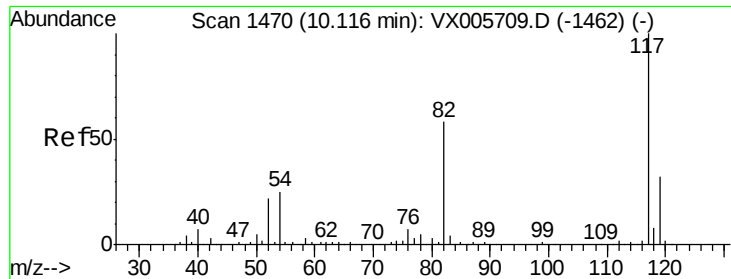
Tot Ion: 63 Resp: 86
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 42.86 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005799.D
 Acq: 06 Nov 2018 10:52

Tgt Ion: 95 Resp: 84023
 Ion Ratio Lower Upper
 95 100
 174 79.7 0.0 184.4
 176 77.2 0.0 177.4

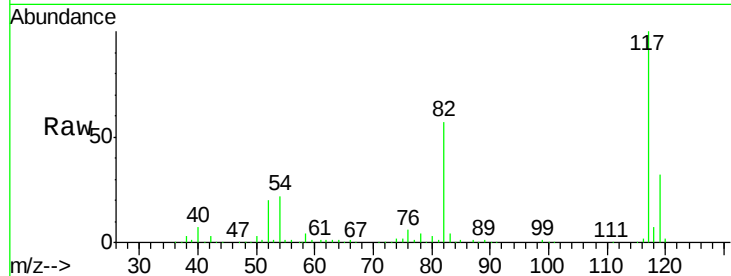




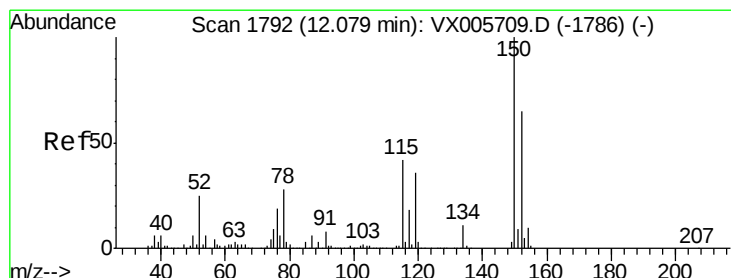
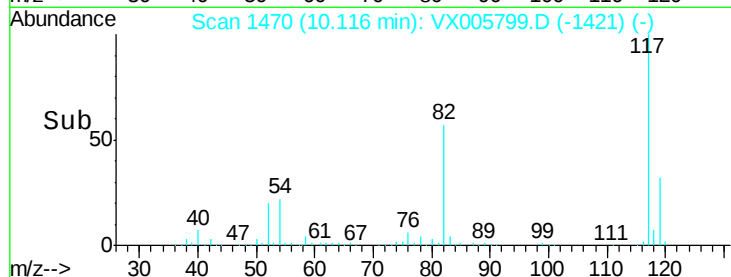
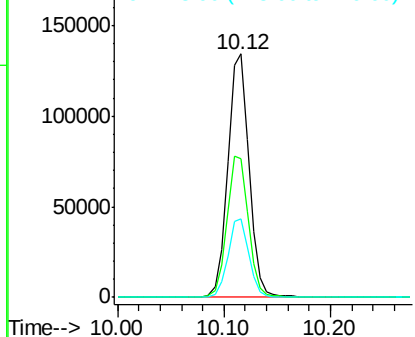
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005799.D
Acq: 06 Nov 2018 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX1106MBL01

Tot Ion:117 Resp: 188021
Ion Ratio Lower Upper
117 100
82 56.9 44.1 66.1
119 32.2 26.2 39.2

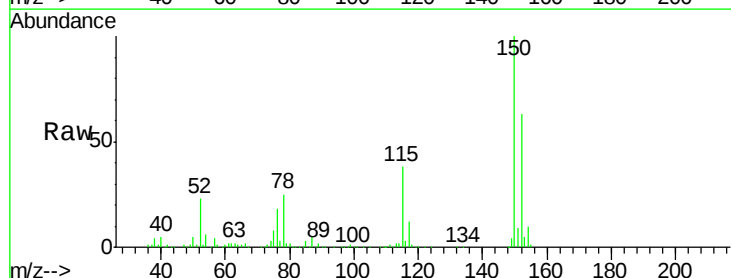


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

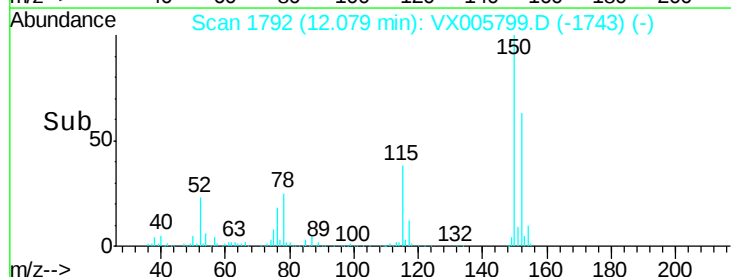
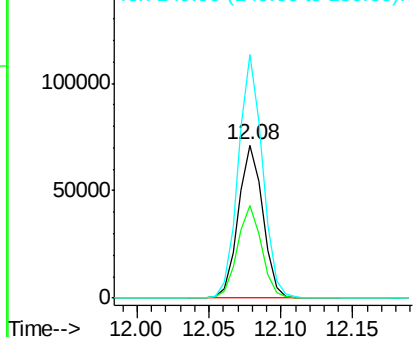


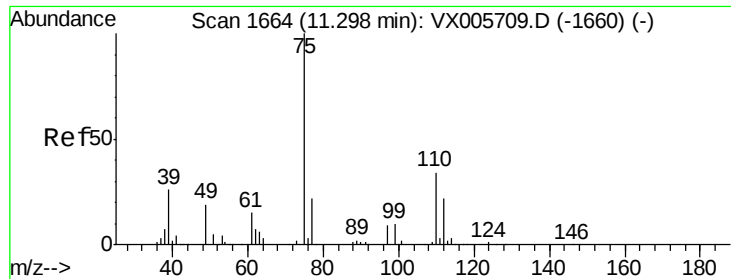
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005799.D
Acq: 06 Nov 2018 10:52

Tgt Ion:152 Resp: 84656
Ion Ratio Lower Upper
152 100
115 59.8 39.4 118.1
150 156.4 0.0 346.4



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





#76

1,2,3-Trichloropropane

Concen: 20.50 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005799.D

Acq: 06 Nov 2018 10:52

Instrument :

MSVOA_X

ClientSampleId :

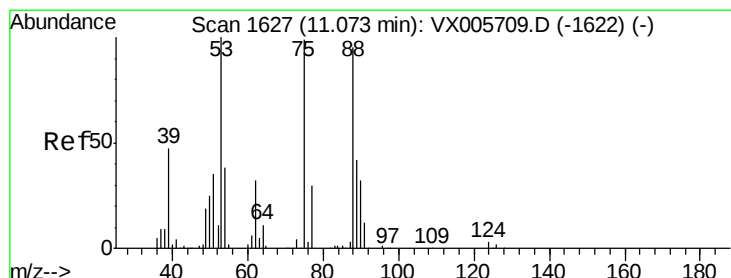
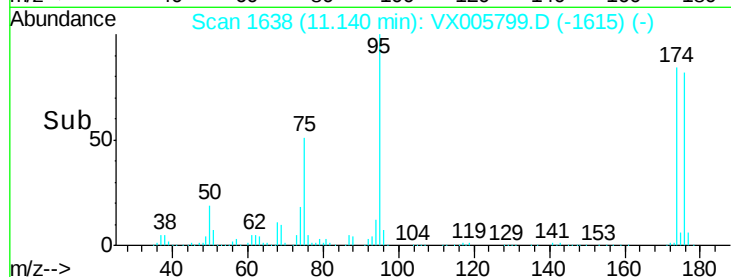
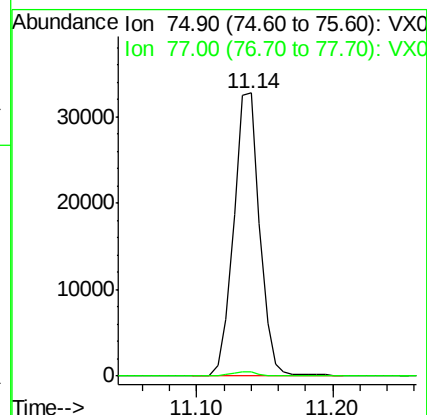
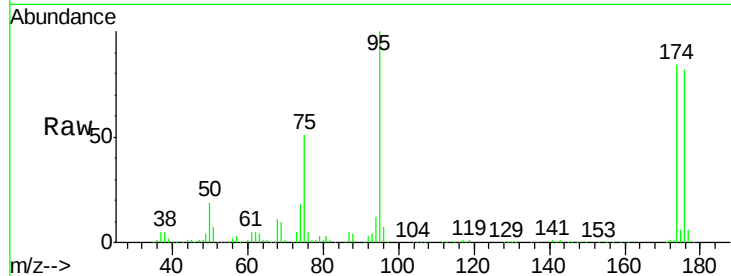
VX1106MBL01

Tot Ion: 75 Resp: 43230

Ion Ratio Lower Upper

75 100

77 1.5 20.5 61.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.24 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005799.D

Acq: 06 Nov 2018 10:52

Tgt Ion: 75 Resp: 43230

Ion Ratio Lower Upper

75 100

53 0.4 80.2 120.2#

89 0.0 39.8 59.8#

