

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005652.D
 Acq On : 29 Oct 2018 11:21
 Operator : JC/MD
 Sample : VX1029MBL01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029MBL01

Quant Time: Oct 30 01:56:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130104	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	127444	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
35) Dibromofluoromethane	5.50	113	96910	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
50) Toluene-d8	8.71	98	357197	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.14	95	119183	42.79	ug/l	0.00
Spiked Amount			Recovery	=	85.58%	

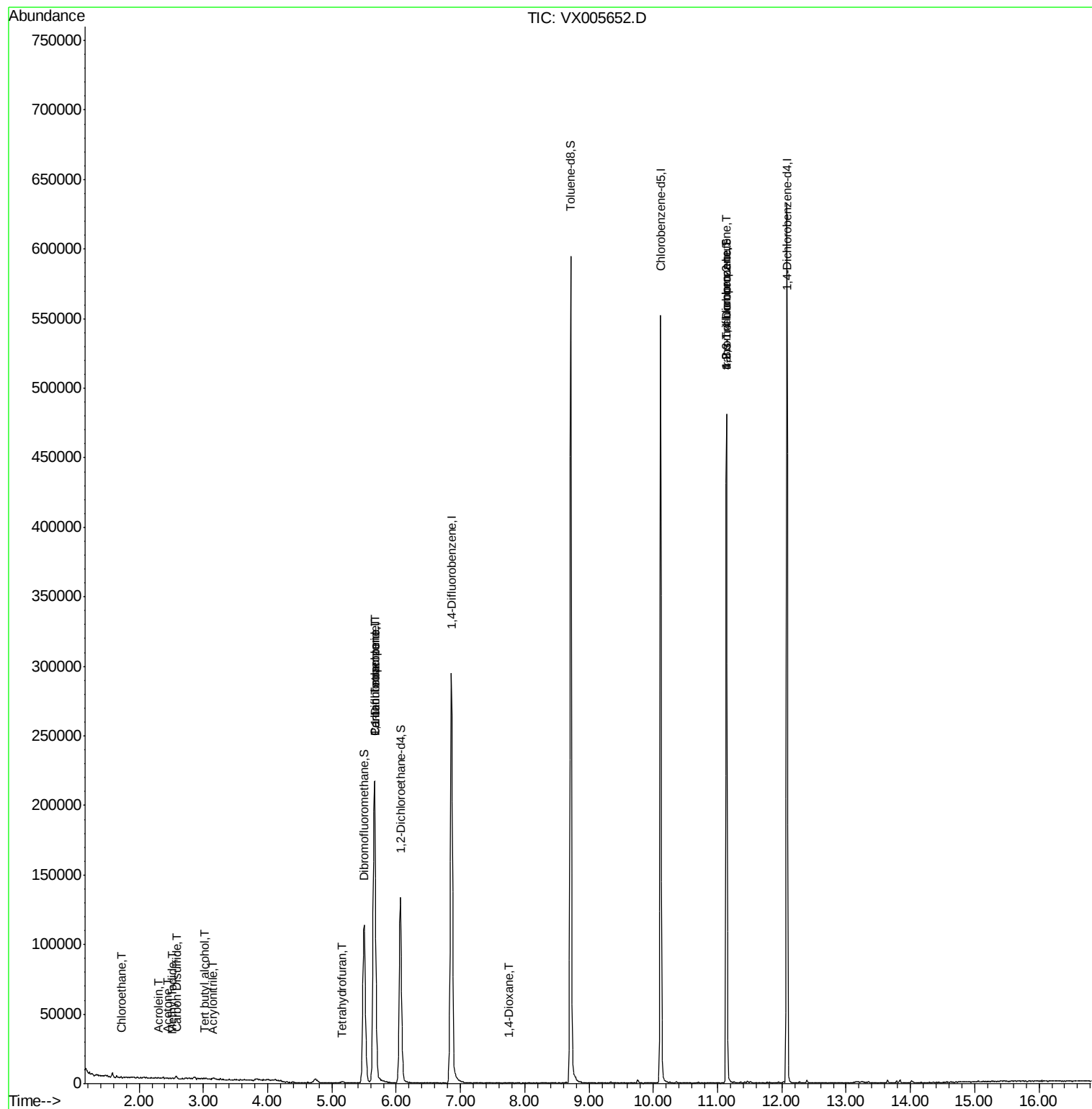
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.73	64	787	0.452	ug/l #	80
10) Methyl Iodide	2.51	142	210	2.813	ug/l #	57
11) Tert butyl alcohol	3.03	59	785	1.083	ug/l	99
13) Acrolein	2.30	56	271	0.733	ug/l #	81
15) Acrylonitrile	3.15	53	716	0.441	ug/l	98
16) Acetone	2.44	43	693	0.487	ug/l #	78
17) Carbon Disulfide	2.57	76	1762	0.279	ug/l #	79
18) Methyl Acetate	2.77	43	521	Below Cal	#	77
29) Tetrahydrofuran	5.15	42	792	0.562	ug/l	92
36) 1,1-Dichloropropene	5.67	75	15111	5.137	ug/l #	50
38) Carbon Tetrachloride	5.66	117	21006	6.780	ug/l #	16
49) 1,4-Dioxane	7.76	88	64	1.069	ug/l #	6
76) 1,2,3-Trichloropropane	11.14	75	60032	21.778	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	60032	71.159	ug/l #	9

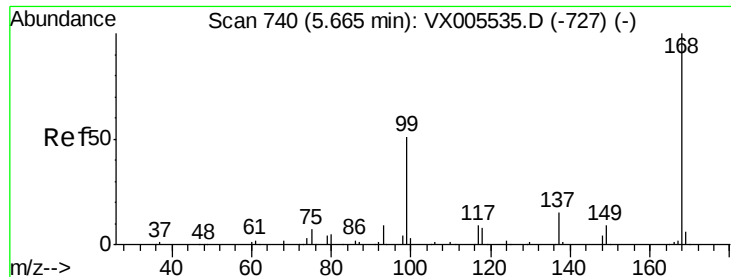
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102918\
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Quant Time: Oct 30 01:56:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005652.D

Acq: 29 Oct 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

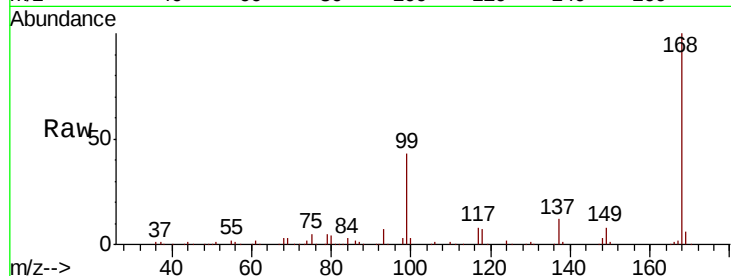
VX1029MBL01

Tot Ion:168 Resp: 220581

Ion Ratio Lower Upper

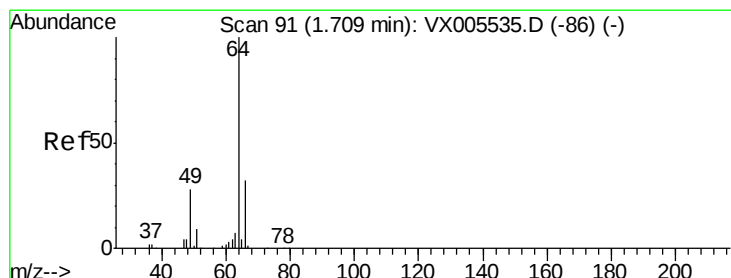
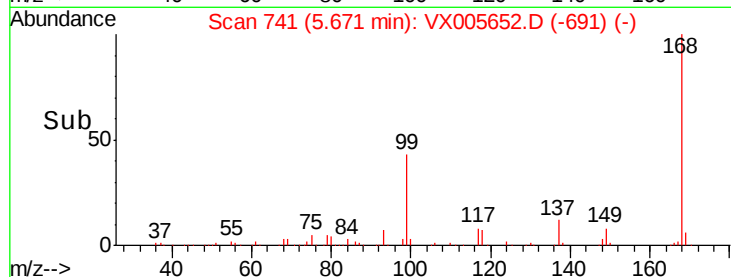
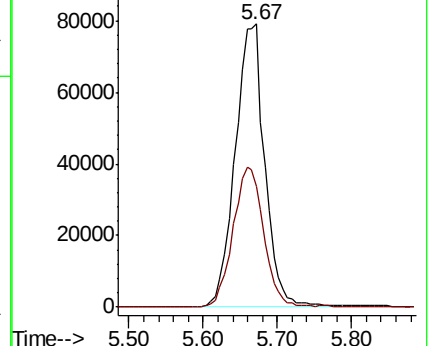
168 100

99 42.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.452 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX005652.D

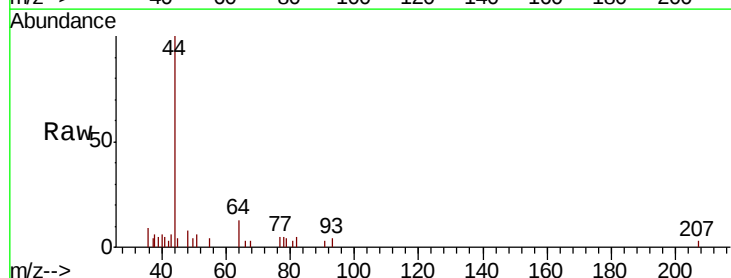
Acq: 29 Oct 2018 11:21

Tgt Ion: 64 Resp: 787

Ion Ratio Lower Upper

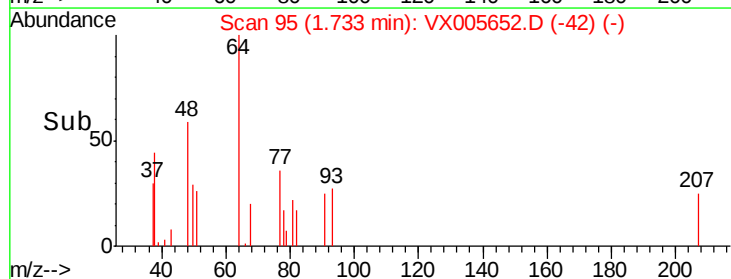
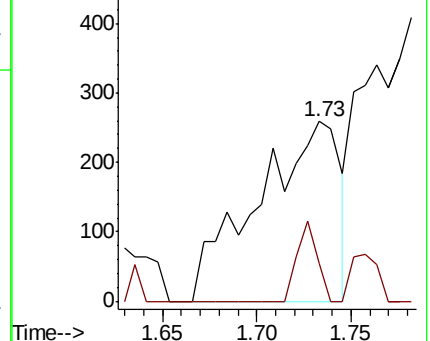
64 100

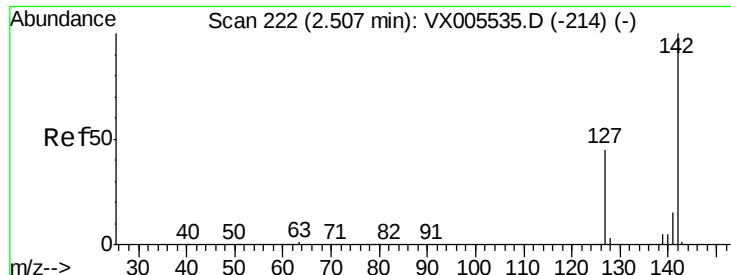
66 20.8 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

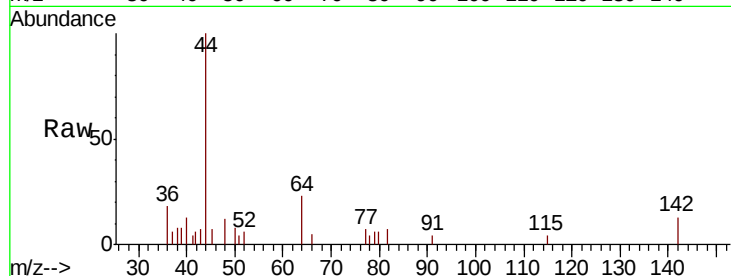




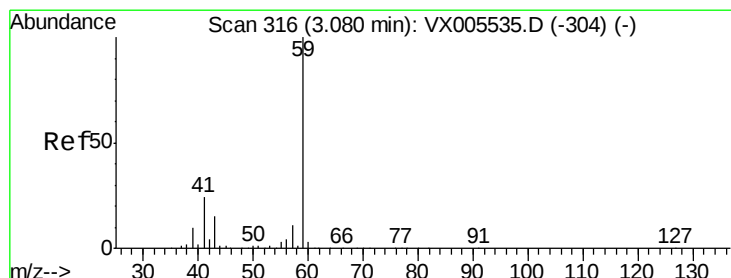
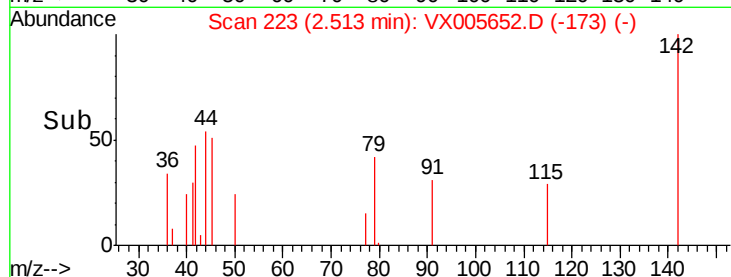
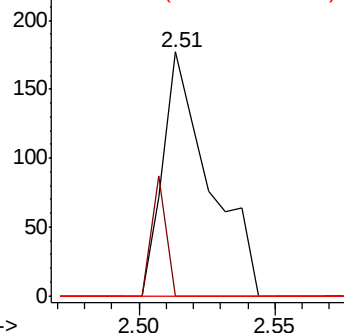
#10
Methvl Iodide
Concen: 2.813 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005652.D
Acq: 29 Oct 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1029MBL01

Tot Ion:142 Resp: 210
Ion Ratio Lower Upper
142 100
127 15.2 36.0 54.0#
141 0.0 11.7 17.5#

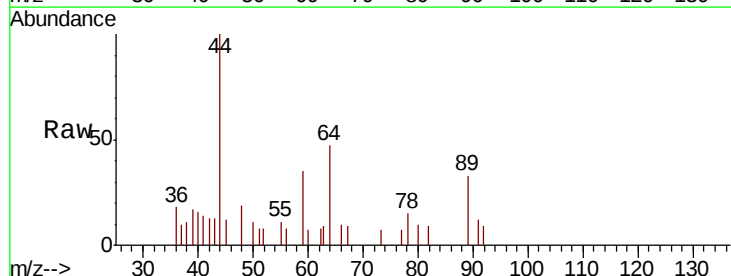


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

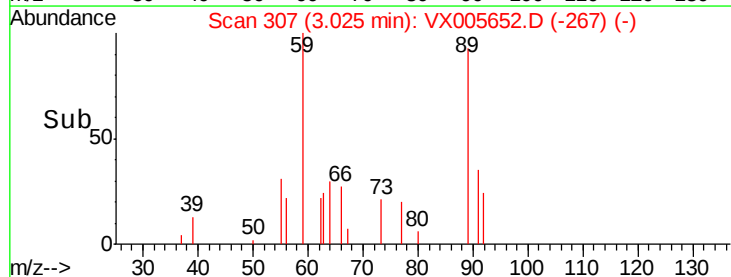
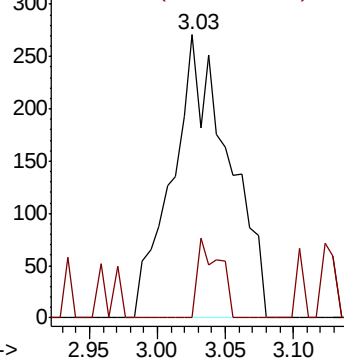


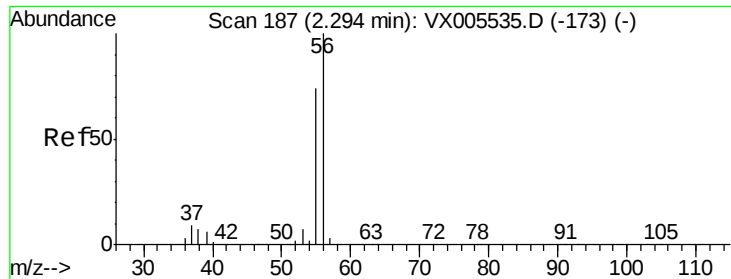
#11
Tert butyl alcohol
Concen: 1.083 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005652.D
Acq: 29 Oct 2018 11:21

Tgt Ion: 59 Resp: 785
Ion Ratio Lower Upper
59 100
57 11.1 8.5 12.7



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

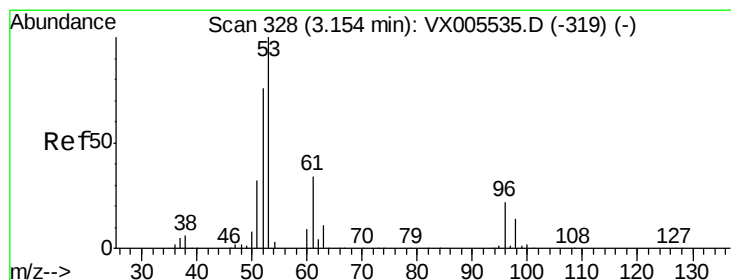
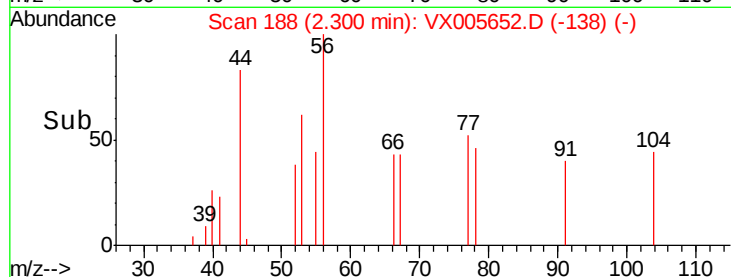
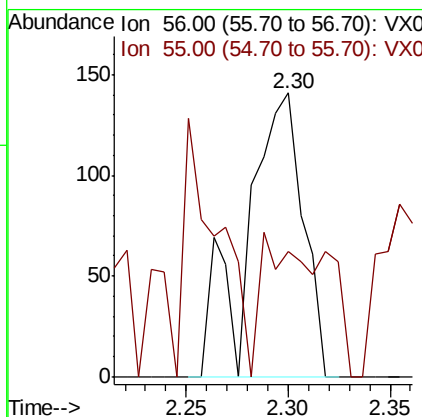
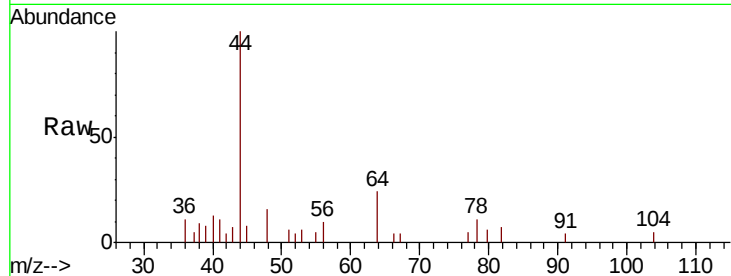




#13
Acrolein
Concen: 0.733 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005652.D
Acq: 29 Oct 2018 11:21

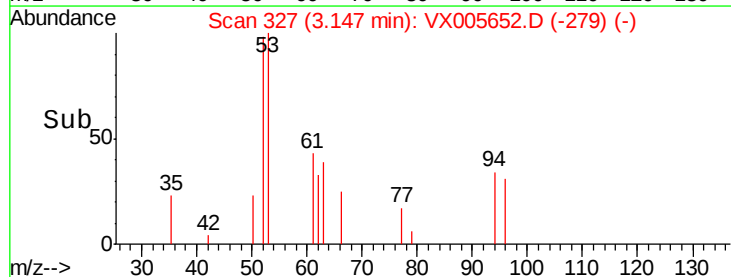
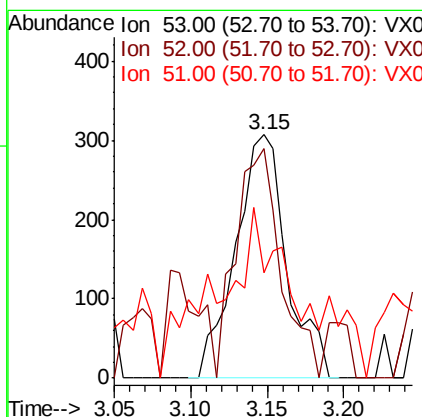
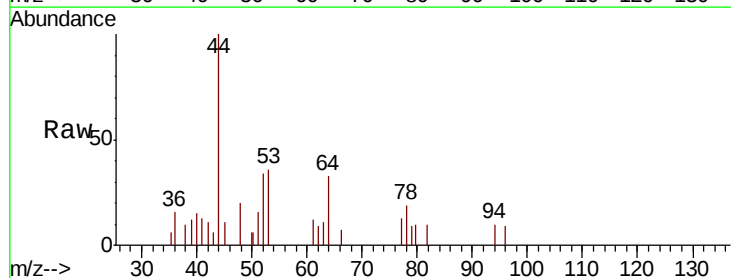
Instrument :
MSVOA_X
ClientSampled :
VX1029MBL01

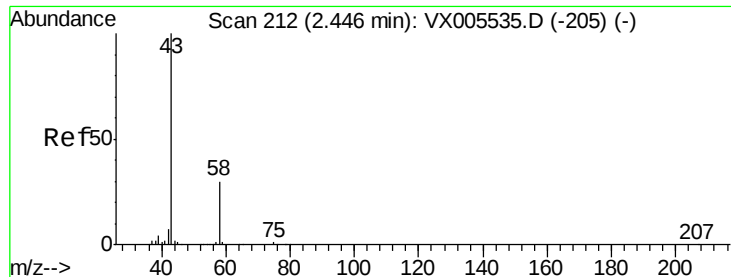
Tot Ion: 56 Resp: 271
Ion Ratio Lower Upper
56 100
55 55.7 57.3 85.9#



#15
Acrylonitrile
Concen: 0.441 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX005652.D
Acq: 29 Oct 2018 11:21

Tgt Ion: 53 Resp: 716
Ion Ratio Lower Upper
53 100
52 82.7 66.6 99.8
51 32.8 28.4 42.6





#16

Acetone

Concen: 0.487 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005652.D

Acq: 29 Oct 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

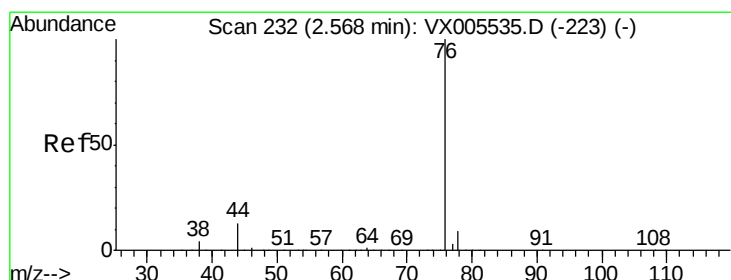
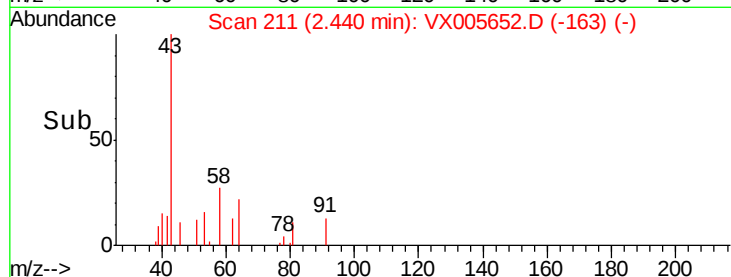
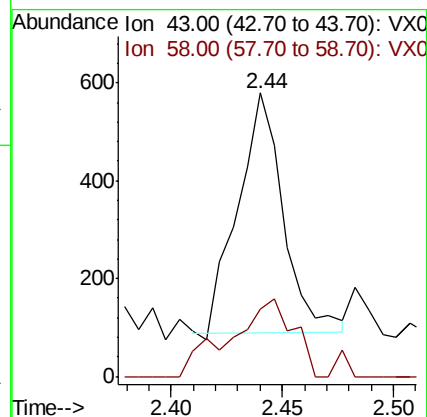
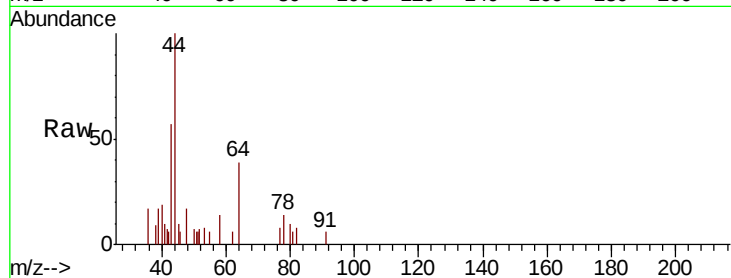
VX1029MBL01

Tot Ion: 43 Resp: 693

Ion Ratio Lower Upper

43 100

58 17.7 23.8 35.6#



#17

Carbon Disulfide

Concen: 0.279 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX005652.D

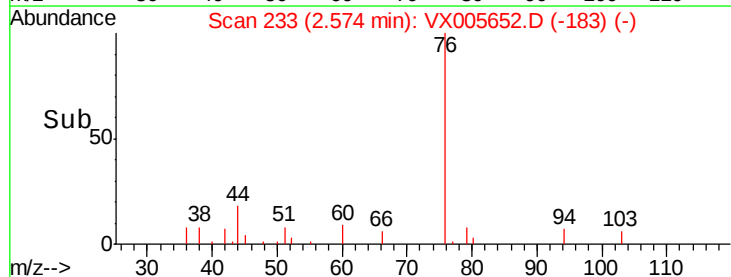
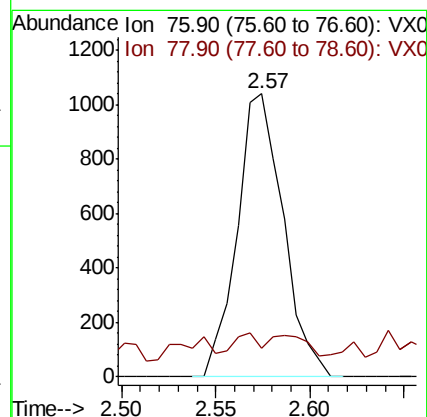
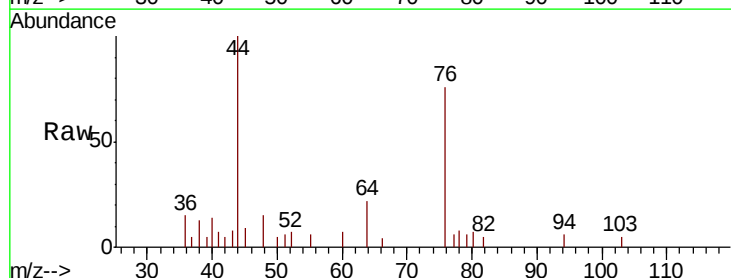
Acq: 29 Oct 2018 11:21

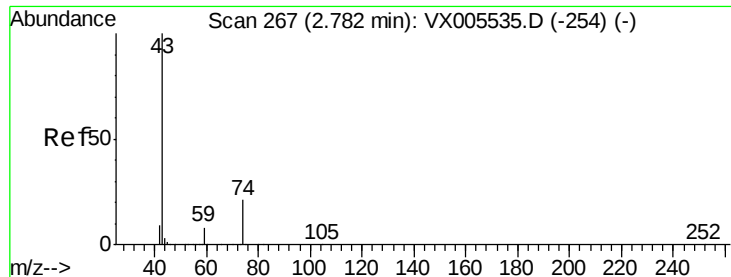
Tgt Ion: 76 Resp: 1762

Ion Ratio Lower Upper

76 100

78 1.3 7.3 10.9#

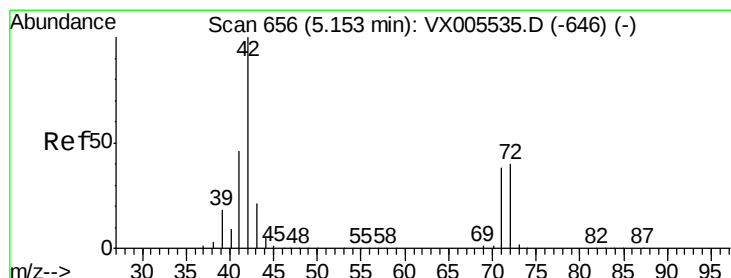
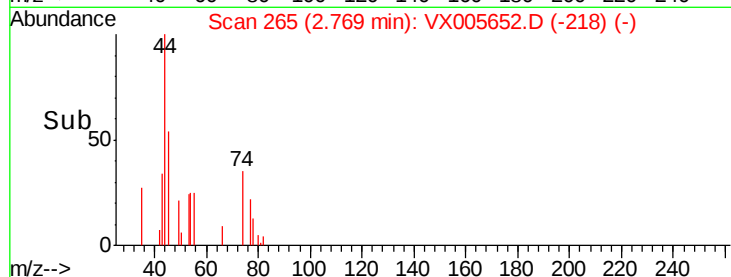
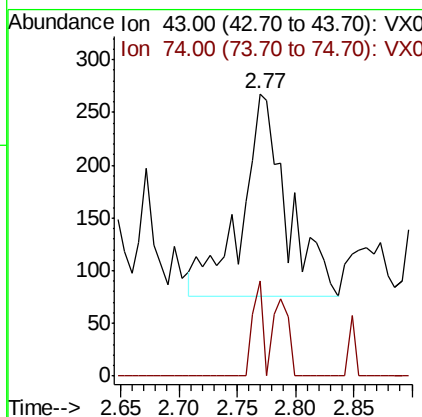
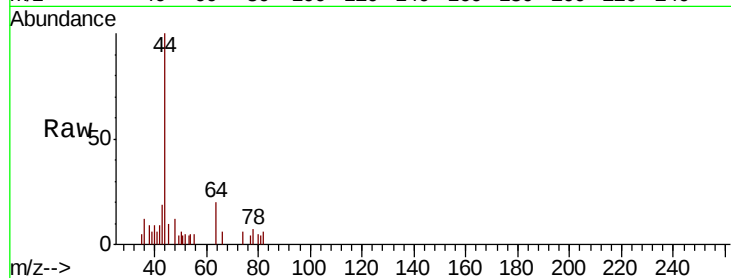




#18
Methyl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX005652.D
Acq: 29 Oct 2018 11:21

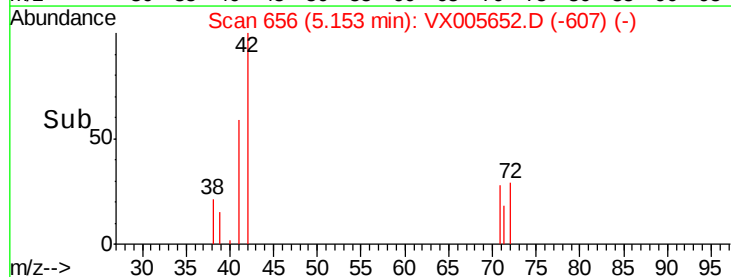
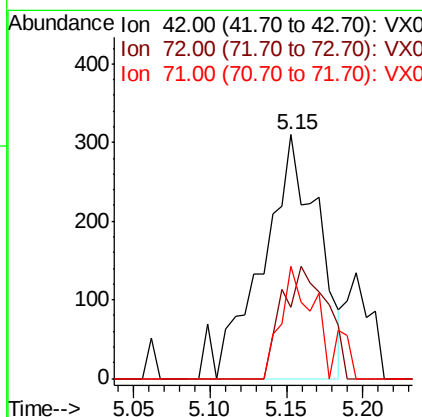
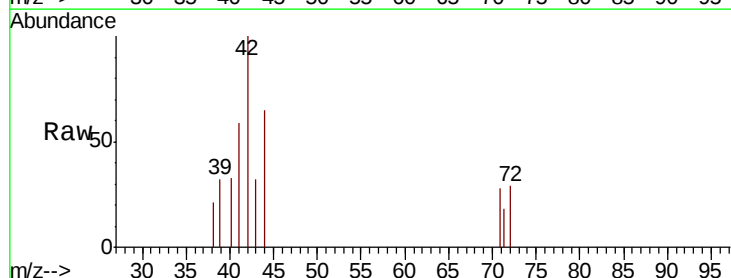
Instrument :
MSVOA_X
ClientSampled :
VX1029MBL01

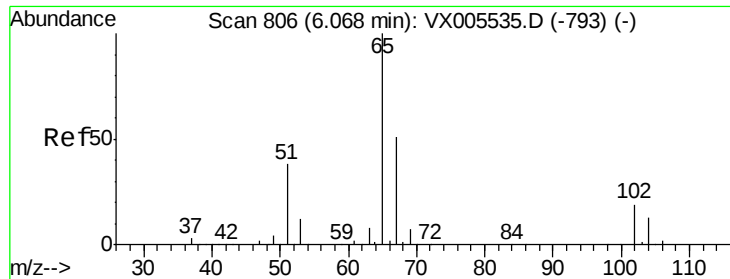
Tot Ion: 43 Resp: 521
Ion Ratio Lower Upper
43 100
74 10.4 16.8 25.2#



#29
Tetrahydrofuran
Concen: 0.562 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005652.D
Acq: 29 Oct 2018 11:21

Tgt Ion: 42 Resp: 792
Ion Ratio Lower Upper
42 100
72 36.6 32.0 48.0
71 31.2 29.8 44.8





#33

1,2-Dichloroethane-d4

Concen: 47.331 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005652.D

Acq: 29 Oct 2018 11:21

Instrument :

MSVOA_X

ClientSampled :

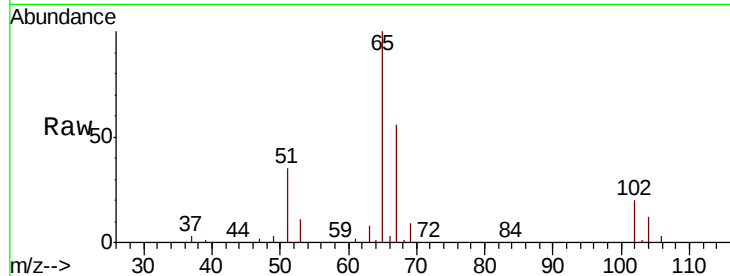
VX1029MBL01

Tot Ion: 65 Resp: 127444

Ion Ratio Lower Upper

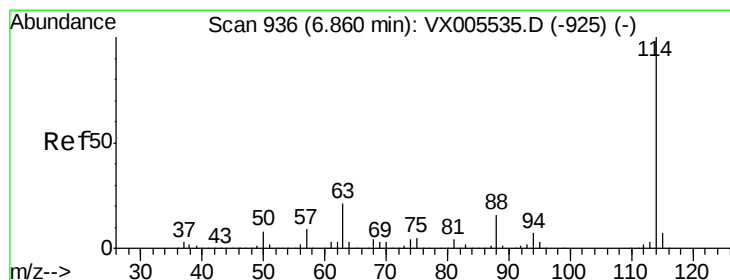
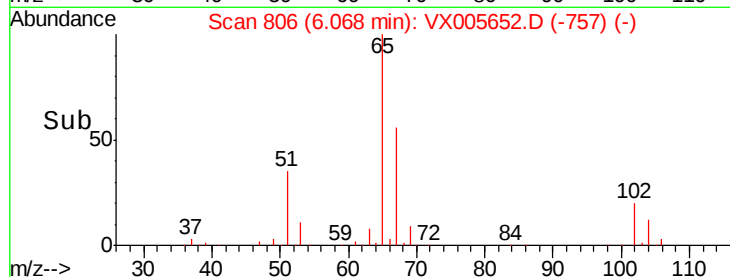
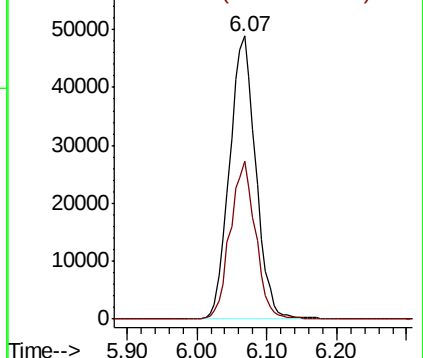
65 100

67 53.7 0.0 105.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005652.D

Acq: 29 Oct 2018 11:21

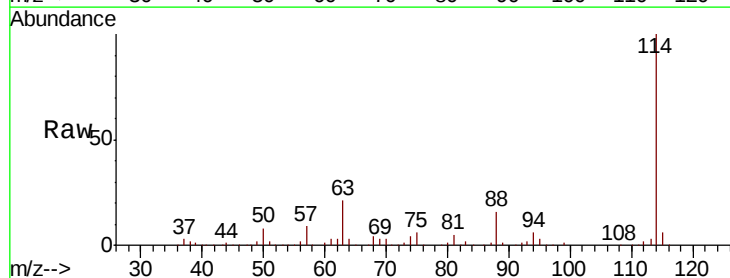
Tgt Ion: 114 Resp: 303122

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

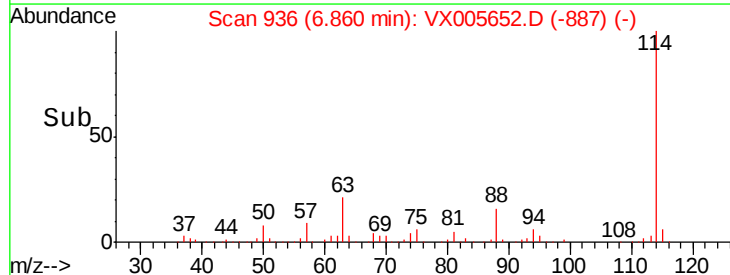
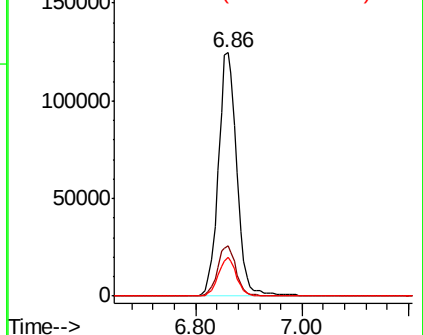
88 15.9 0.0 31.2

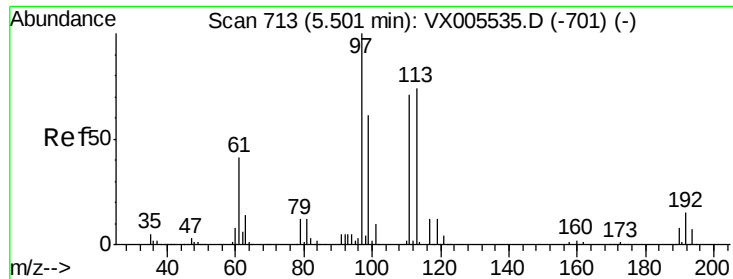


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

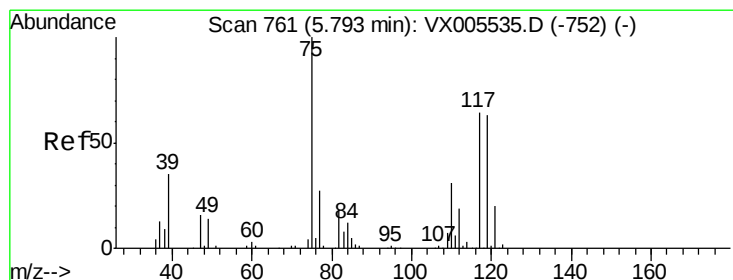
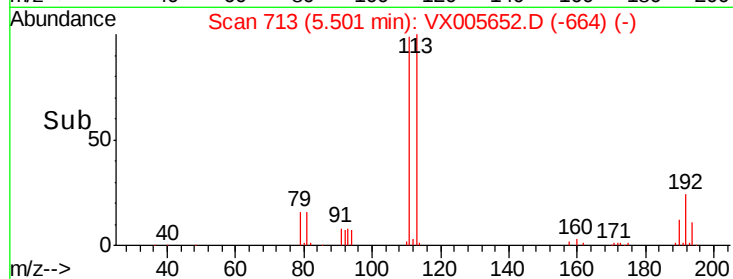
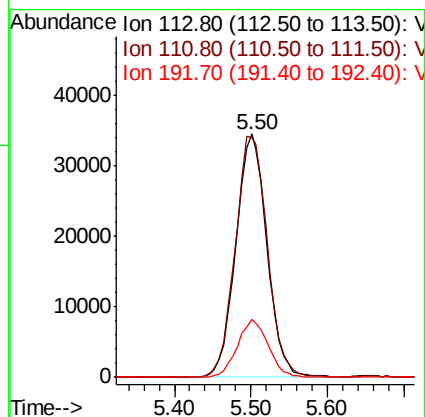
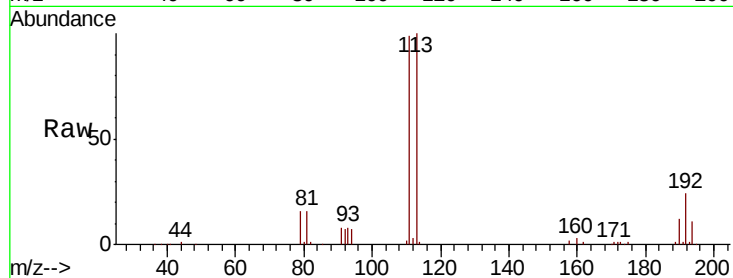




#35
 Dibromofluoromethane
 Concen: 47.216 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005652.D
 Acq: 29 Oct 2018 11:21

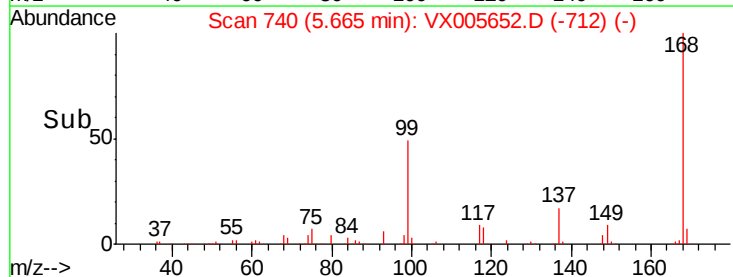
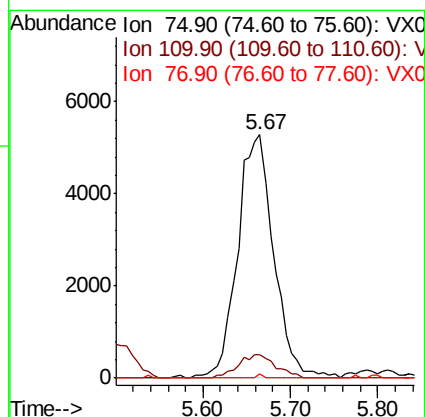
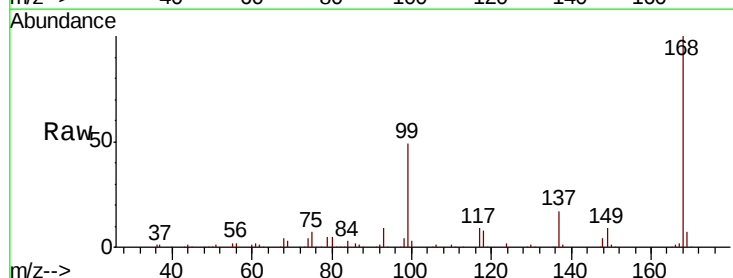
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029MBL01

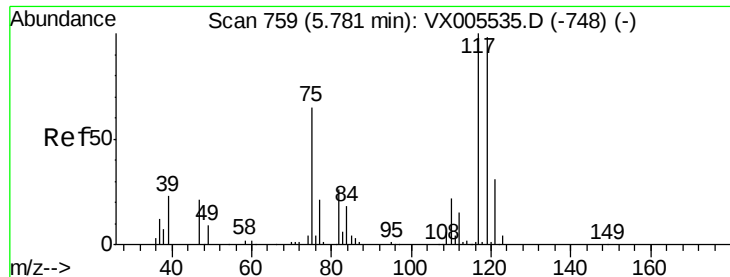
Tot Ion:113 Resp: 96910
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.3 123.5
 192 23.6 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 5.137 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005652.D
 Acq: 29 Oct 2018 11:21

Tgt Ion: 75 Resp: 15111
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.4 52.2#
 77 0.2 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.780 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005652.D

Acq: 29 Oct 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1029MBL01

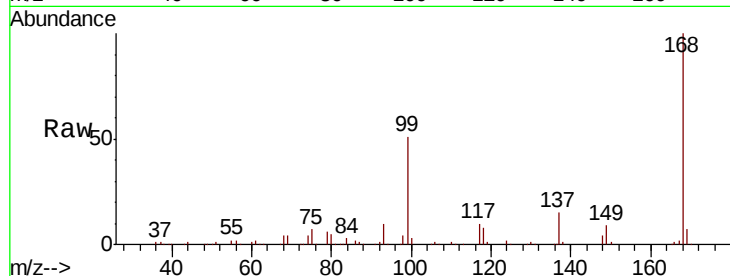
Tot Ion:117 Resp: 21006

Ion Ratio Lower Upper

117 100

119 6.1 78.1 117.1#

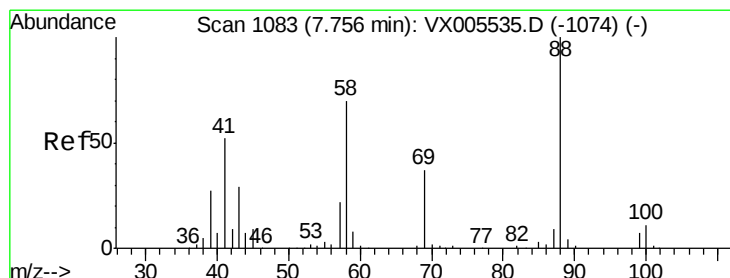
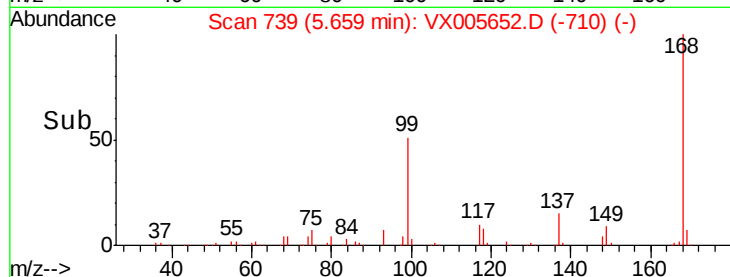
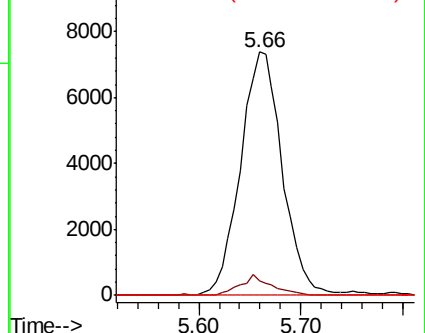
121 0.0 24.6 36.8#



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



#49

1,4-Dioxane

Concen: 1.069 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX005652.D

Acq: 29 Oct 2018 11:21

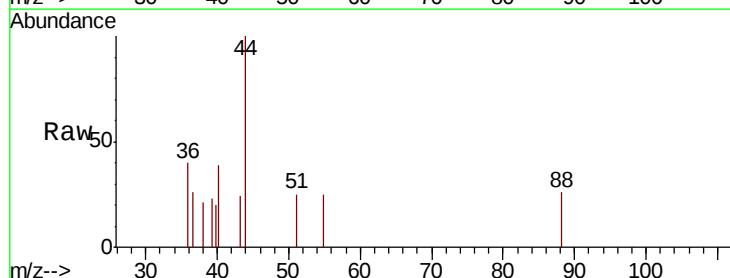
Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

43 95.3 27.4 41.0#

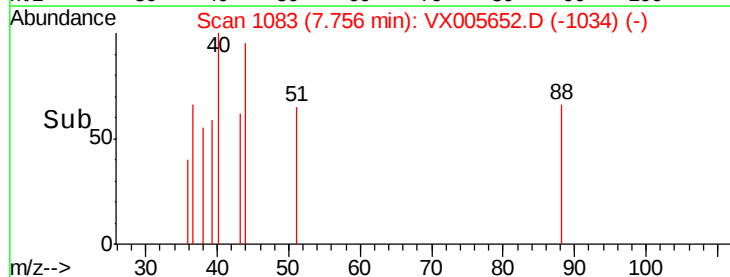
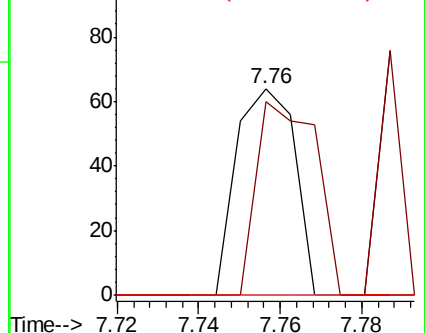
58 0.0 59.4 89.2#

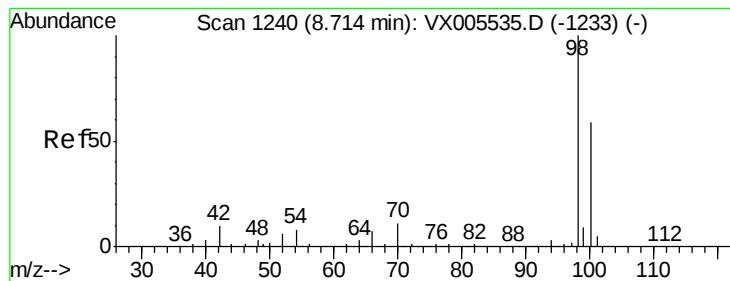


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.433 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005652.D

Acq: 29 Oct 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

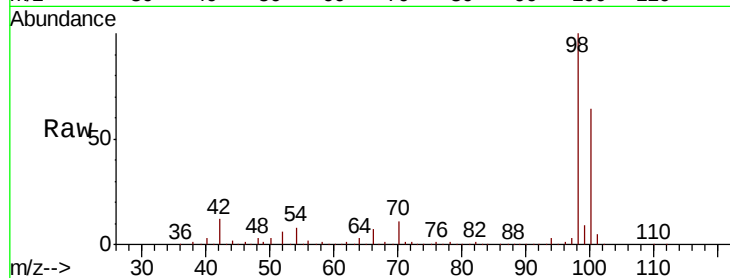
VX1029MBL01

Tot Ion: 98 Resp: 357197

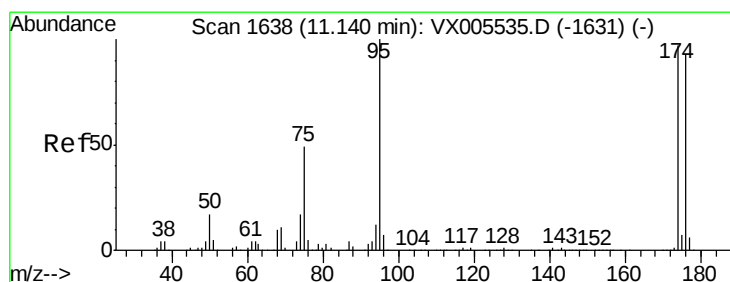
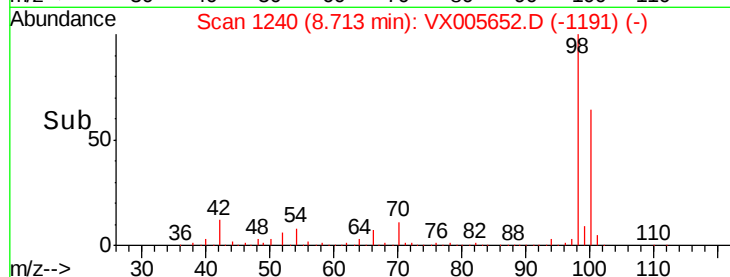
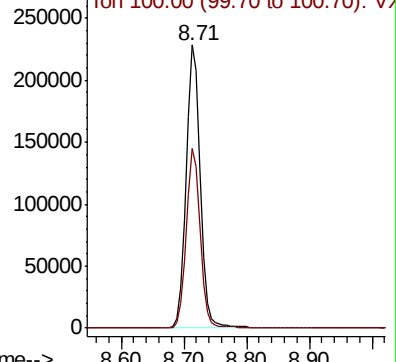
Ion Ratio Lower Upper

98 100

100 62.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX005535.D (-1233) (-)



#62

4-Bromofluorobenzene

Concen: 42.792 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005652.D

Acq: 29 Oct 2018 11:21

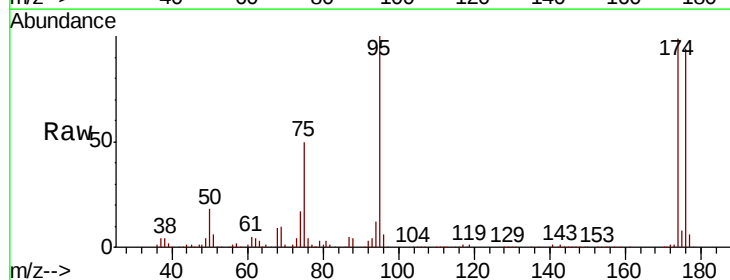
Tgt Ion: 95 Resp: 119183

Ion Ratio Lower Upper

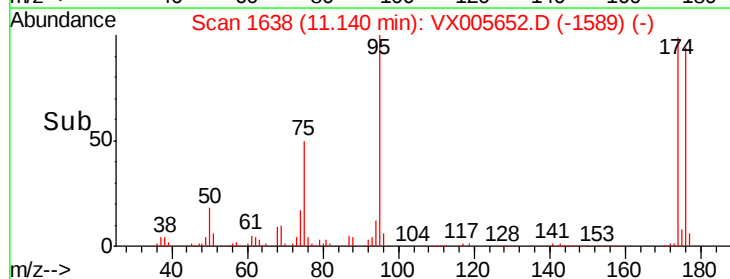
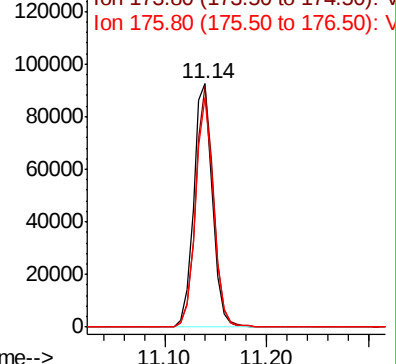
95 100

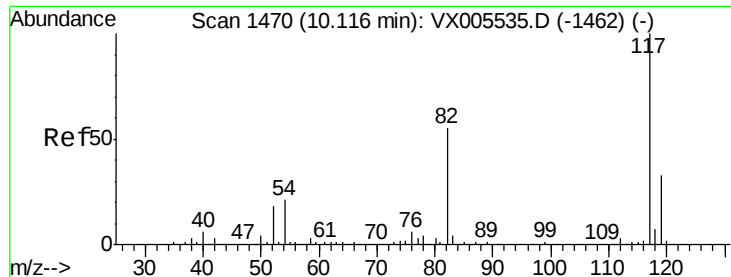
174 94.4 0.0 184.4

176 90.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005535.D (-1631) (-)

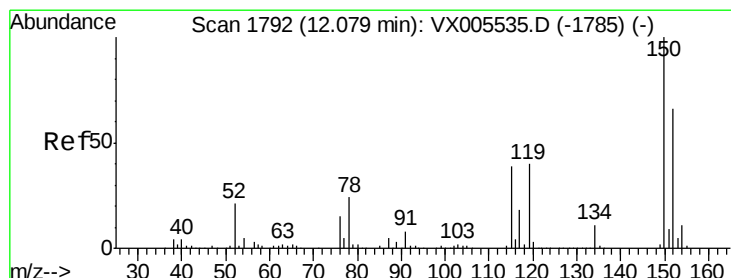
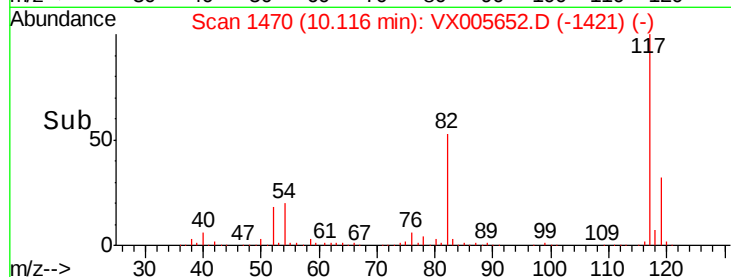
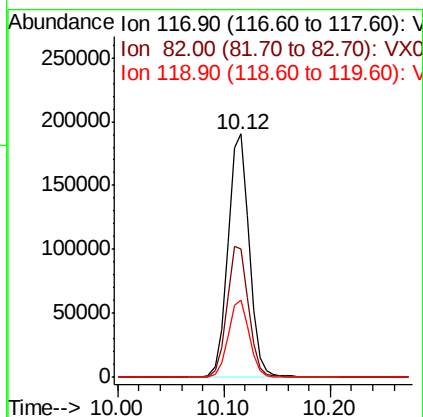
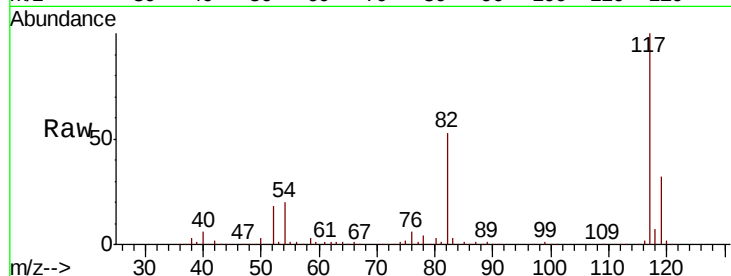




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005652.D
Acq: 29 Oct 2018 11:21

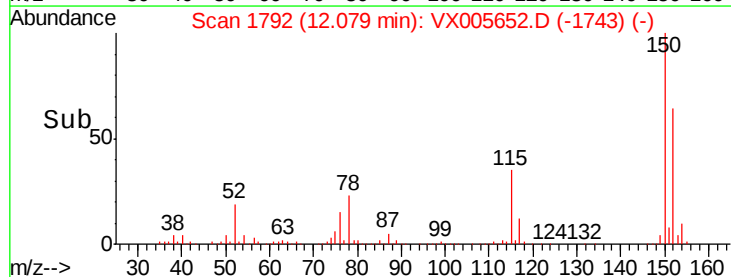
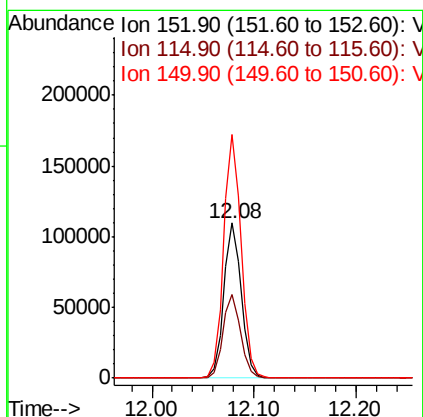
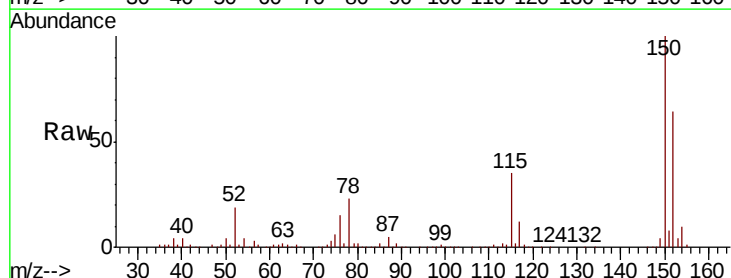
Instrument :
MSVOA_X
ClientSampled :
VX1029MBL01

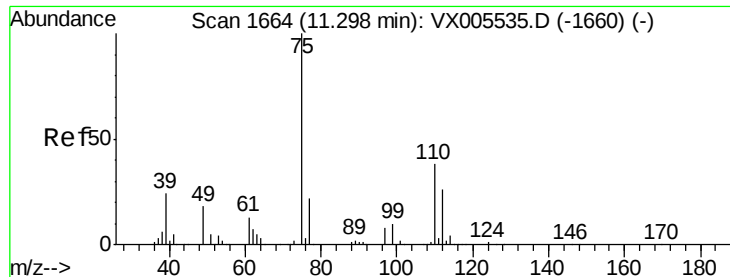
Tot Ion:117 Resp: 267367
Ion Ratio Lower Upper
117 100
82 52.9 44.1 66.1
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005652.D
Acq: 29 Oct 2018 11:21

Tgt Ion:152 Resp: 130104
Ion Ratio Lower Upper
152 100
115 55.0 39.4 118.1
150 157.8 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 21.778 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005652.D

Acq: 29 Oct 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

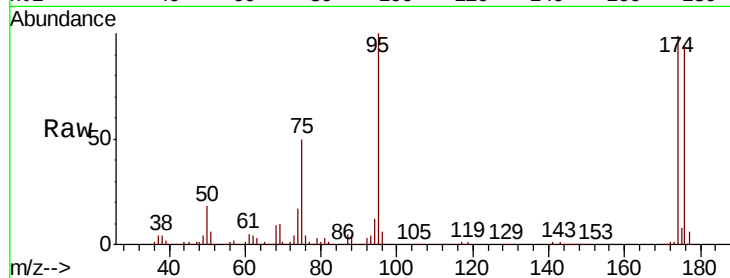
VX1029MBL01

Tot Ion: 75 Resp: 60032

Ion Ratio Lower Upper

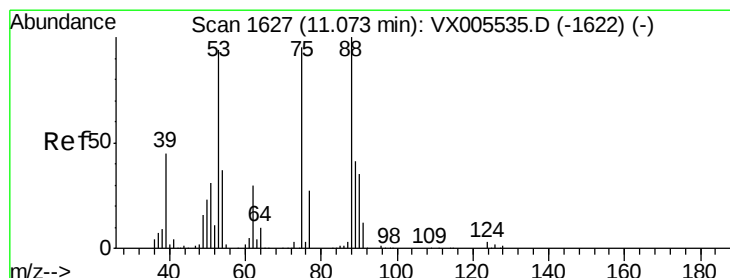
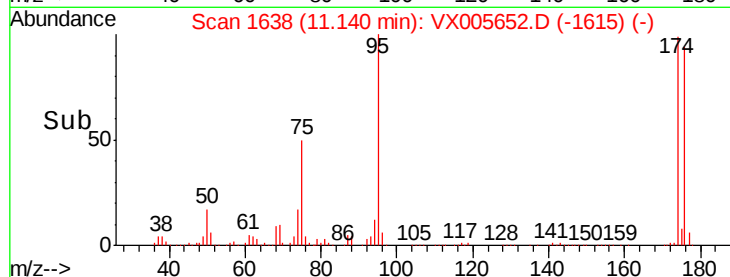
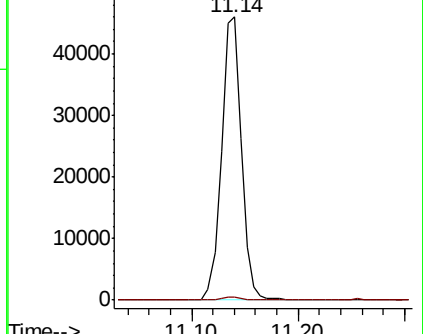
75 100

77 1.2 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 71.159 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005652.D

Acq: 29 Oct 2018 11:21

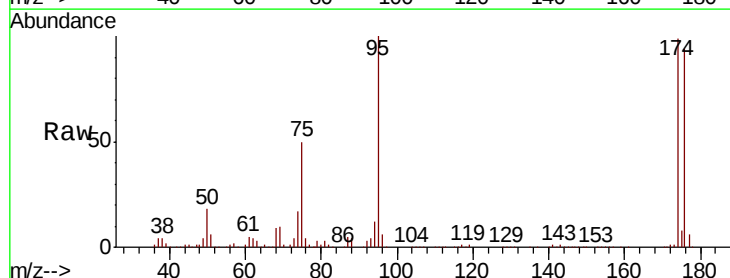
Tgt Ion: 75 Resp: 60032

Ion Ratio Lower Upper

75 100

53 0.2 80.2 120.2#

89 0.0 39.8 59.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

