

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016094.D
 Acq On : 07 May 2020 15:18
 Operator : JC/SP
 Sample : L2551-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200430

Quant Time: May 08 02:05:21 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	5.64	168	286725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	461875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243177	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	172189	45.64	ug/l	0.00
Spiked Amount			Recovery	=	91.28%	
35) Dibromofluoromethane	5.47	113	133624	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	
50) Toluene-d8	8.70	98	569296	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.12	95	232047	54.11	ug/l	0.00
Spiked Amount			Recovery	=	108.22%	

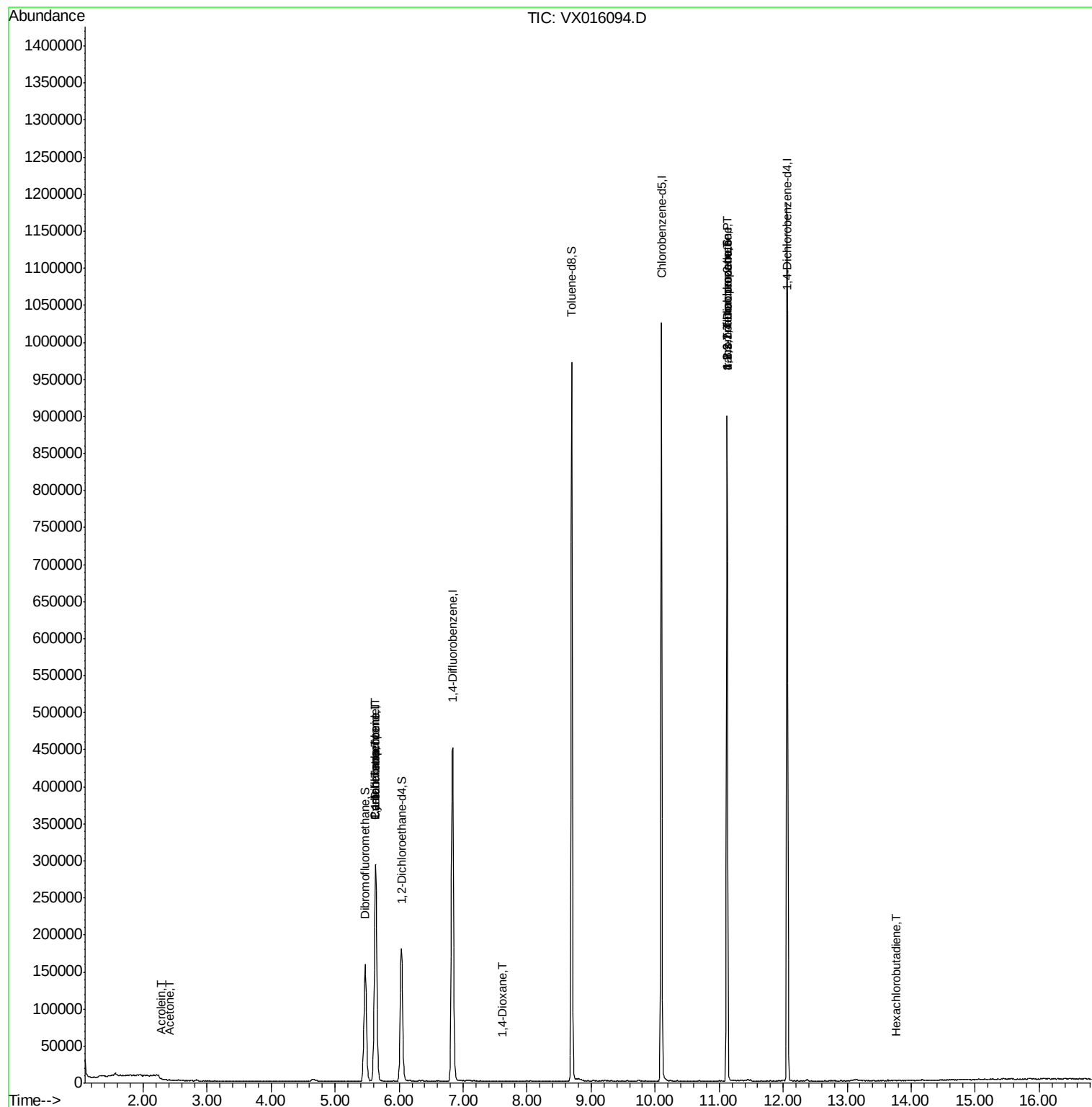
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.28	56	499	0.836	ug/l #	14
16) Acetone	2.42	43	366	0.217	ug/l	97
17) Carbon Disulfide	2.56	76	1457	Below Cal	#	78
31) Cyclohexane	5.63	56	5839	1.114	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	21301	4.685	ug/l #	49
38) Carbon Tetrachloride	5.64	117	27782	6.012	ug/l #	14
49) 1,4-Dioxane	7.60	88	20	0.209	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.12	83	246	2.124	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	117070	21.215	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	117070	50.557	ug/l #	13
94) Hexachlorobutadiene	13.76	225	61	0.547	ug/l #	61

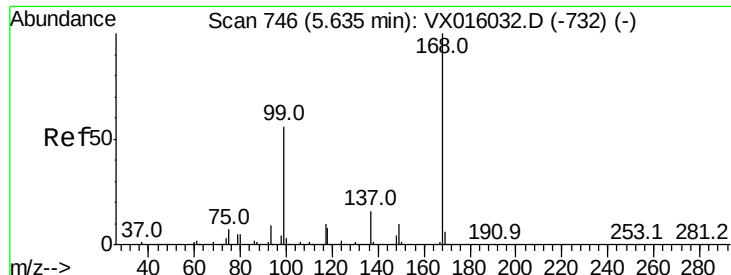
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050720\
Data File : VX016094.D
Acq On : 07 May 2020 15:18
Operator : JC/SP
Sample : L2551-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
TB-01-200430

Quant Time: May 08 02:05:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016094.D

Acq: 07 May 2020 15:18

Instrument :

MSVOA_X

ClientSampleId :

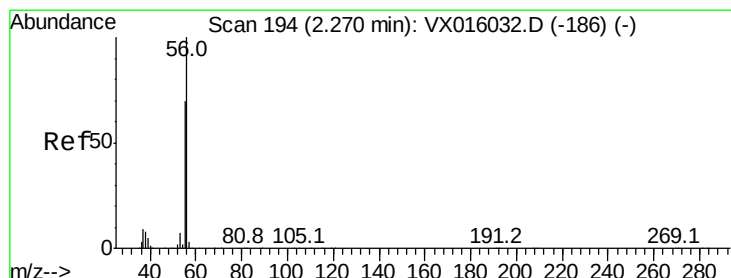
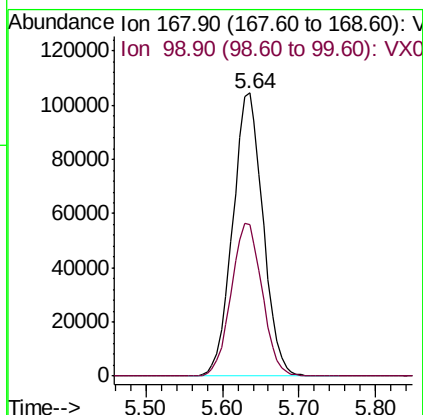
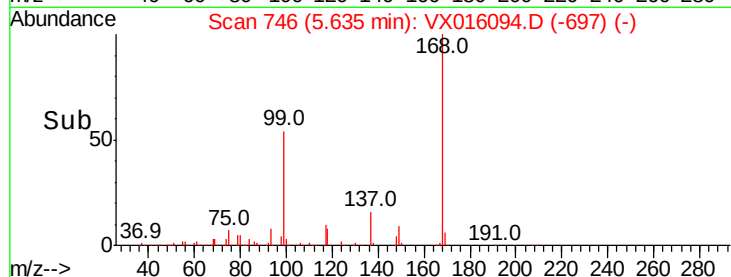
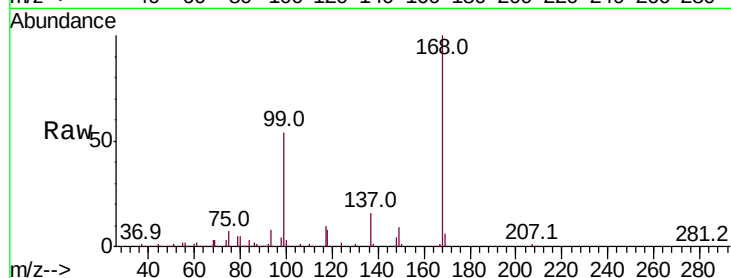
TB-01-200430

Tot Ion:168 Resp: 286725

Ion Ratio Lower Upper

168 100

99 53.6 45.0 67.4



#13

Acrolein

Concen: 0.836 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016094.D

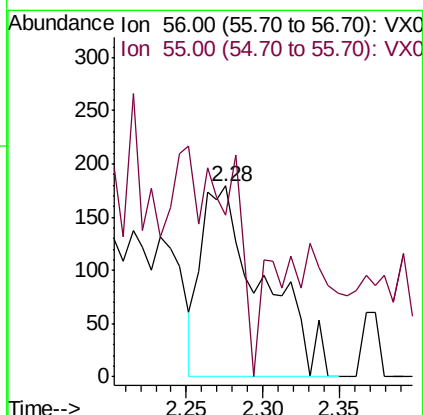
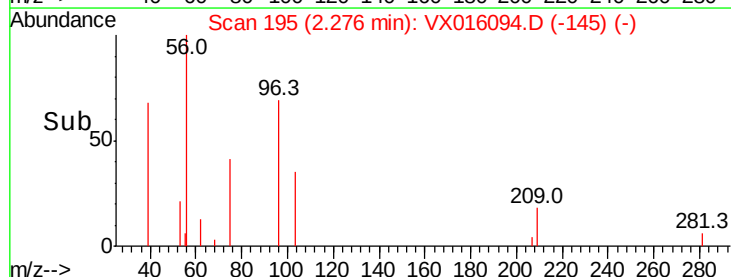
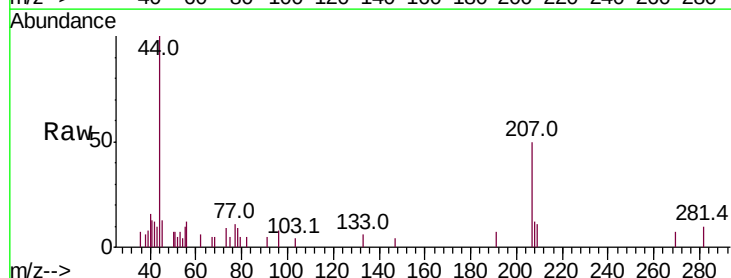
Acq: 07 May 2020 15:18

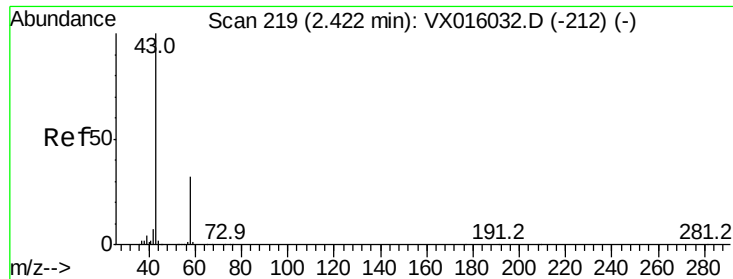
Tgt Ion: 56 Resp: 499

Ion Ratio Lower Upper

56 100

55 0.0 56.5 84.7#





#16

Acetone

Concen: 0.217 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016094.D

Acq: 07 May 2020 15:18

Instrument :

MSVOA_X

ClientSampleId :

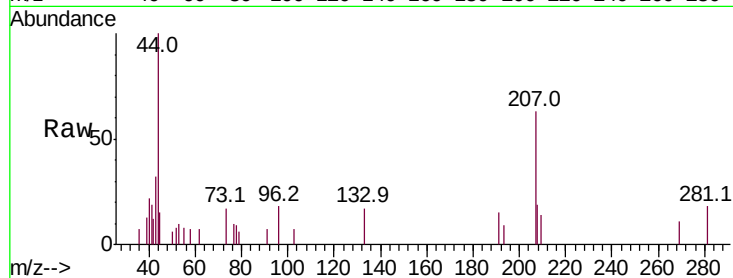
TB-01-200430

Tot Ion: 43 Resp: 366

Ion Ratio Lower Upper

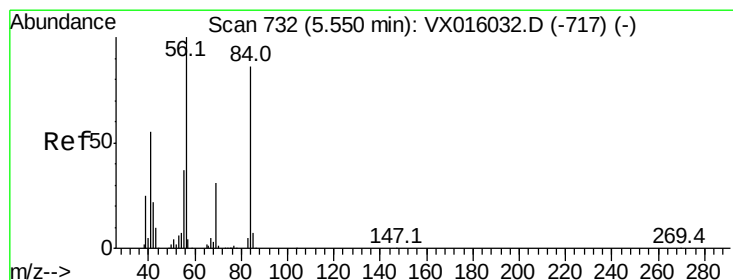
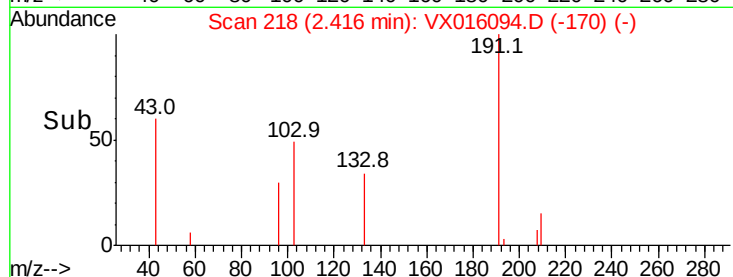
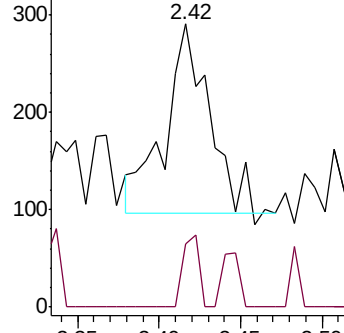
43 100

58 33.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#31

Cyclohexane

Concen: 1.114 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.08 min

Lab File: VX016094.D

Acq: 07 May 2020 15:18

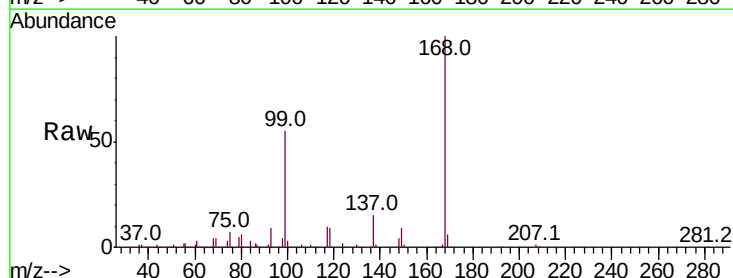
Tgt Ion: 56 Resp: 5839

Ion Ratio Lower Upper

56 100

69 180.9 25.0 37.6#

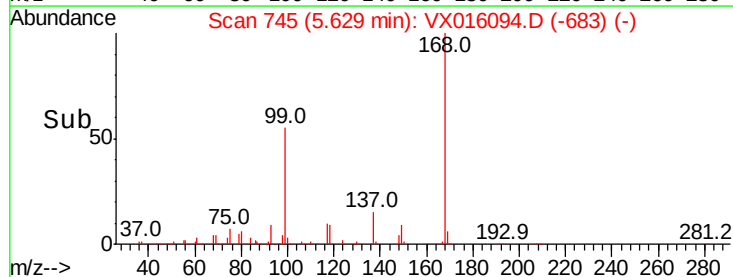
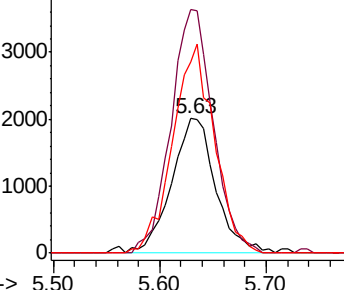
84 142.3 69.0 103.6#

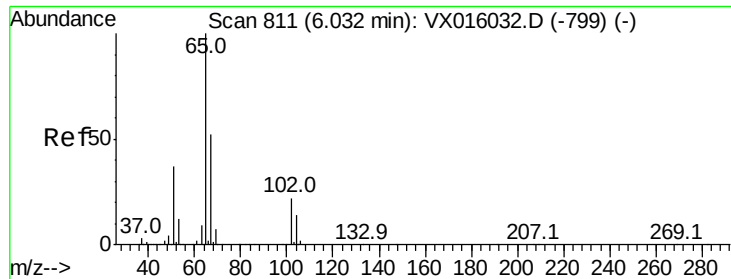


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

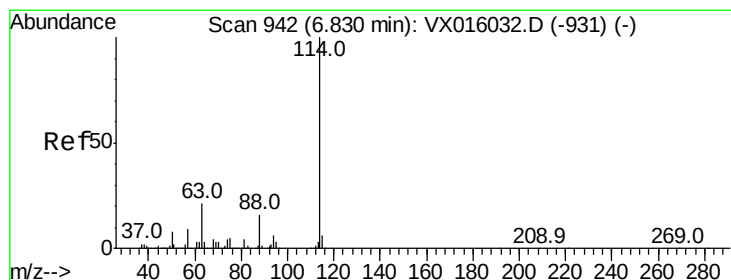
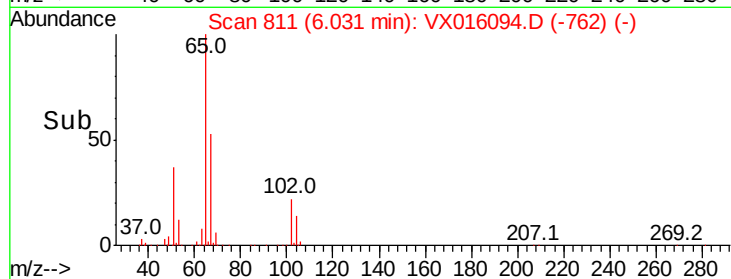
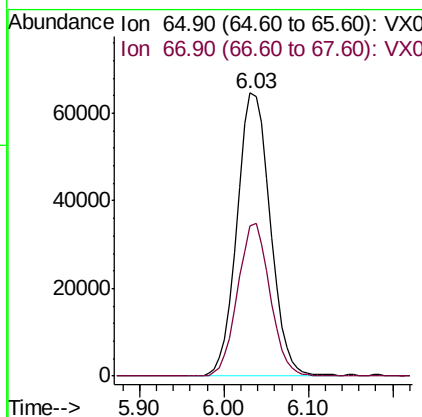
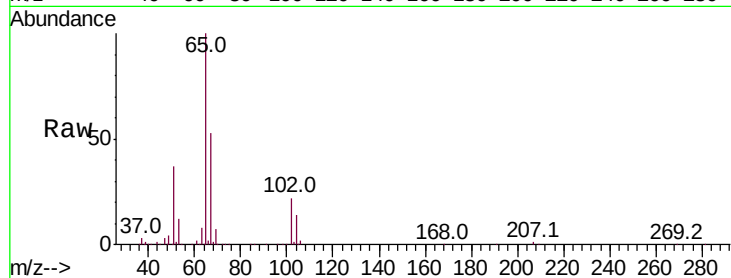




#33
 1,2-Dichloroethane-d4
 Concen: 45.637 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016094.D
 Acq: 07 May 2020 15:18

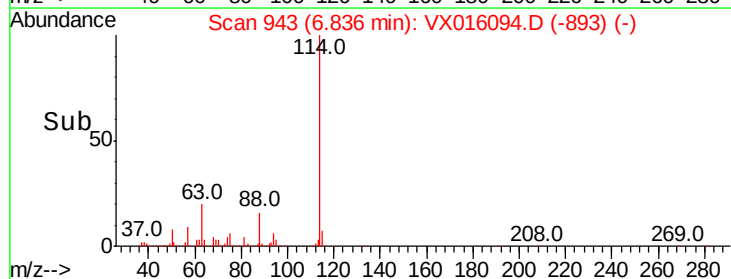
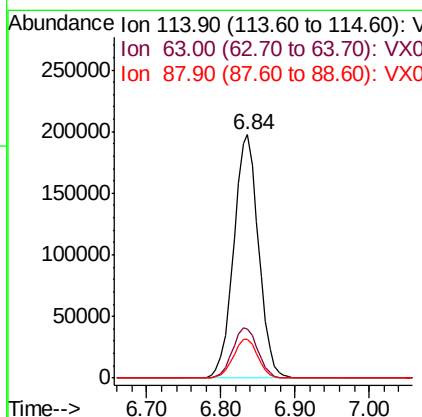
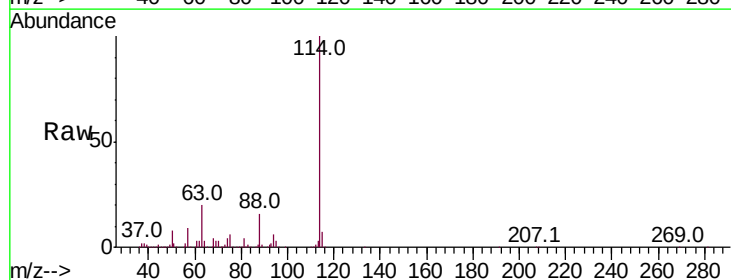
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200430

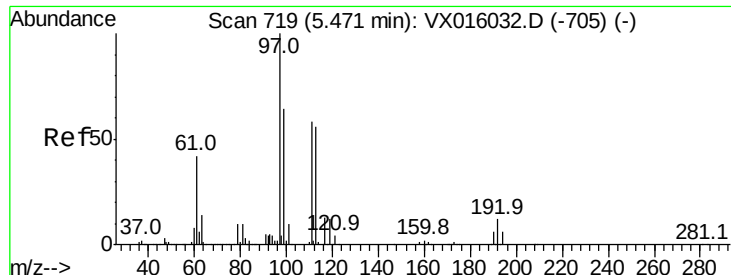
Tot Ion: 65 Resp: 172189
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016094.D
 Acq: 07 May 2020 15:18

Tgt Ion: 114 Resp: 461875
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.8
 88 15.9 0.0 31.4

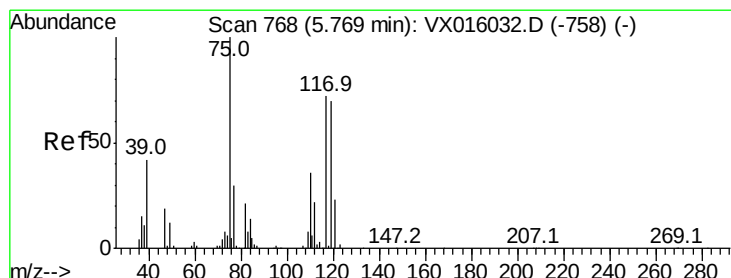
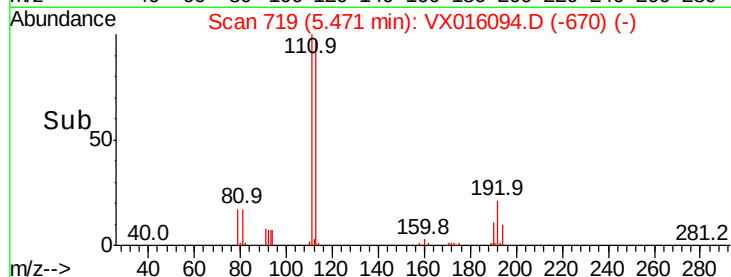
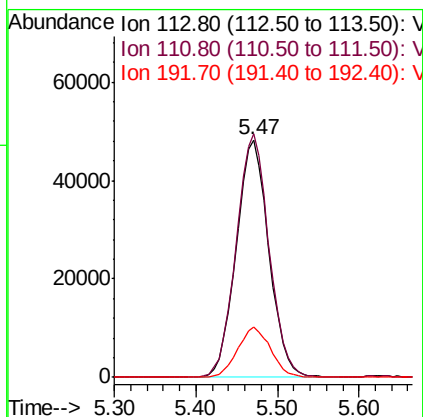
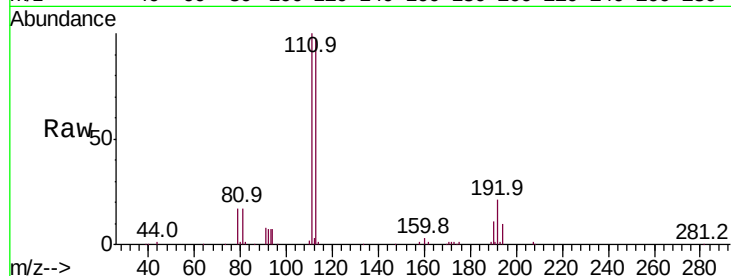




#35
 Dibromofluoromethane
 Concen: 45.665 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016094.D
 Acq: 07 May 2020 15:18

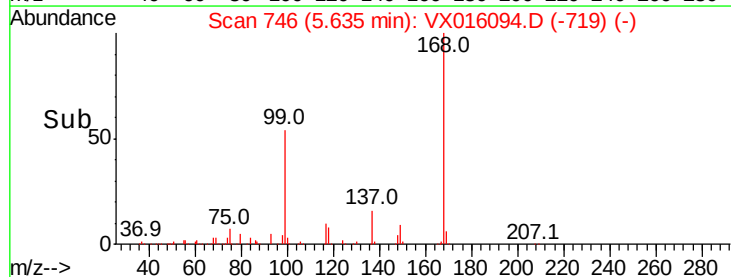
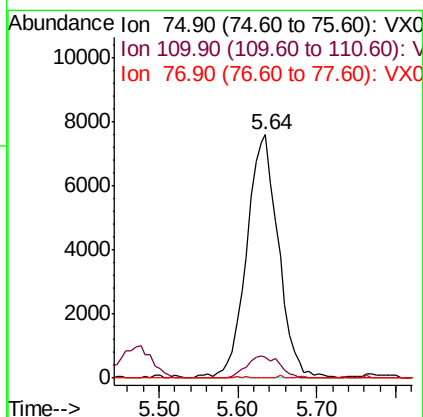
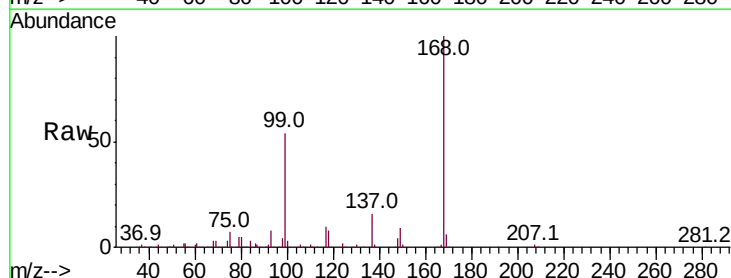
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200430

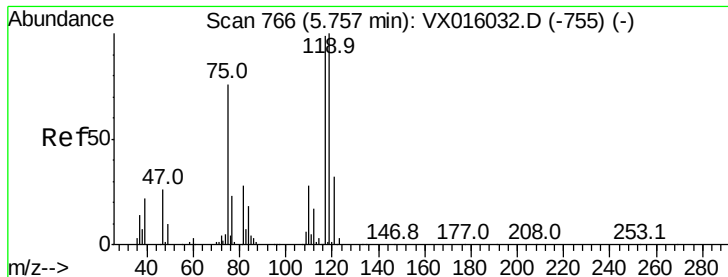
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.6	122.4
192	21.5	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.685 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX016094.D
 Acq: 07 May 2020 15:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.012 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016094.D

Acq: 07 May 2020 15:18

Instrument :

MSVOA_X

ClientSampled :

TB-01-200430

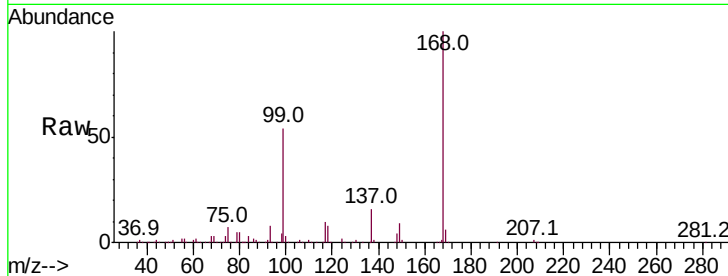
Tot Ion:117 Resp: 27782

Ion Ratio Lower Upper

117 100

119 4.5 80.3 120.5#

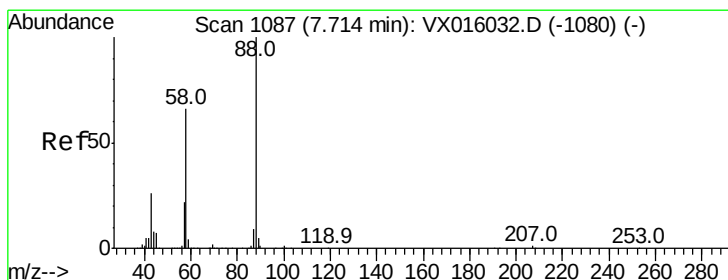
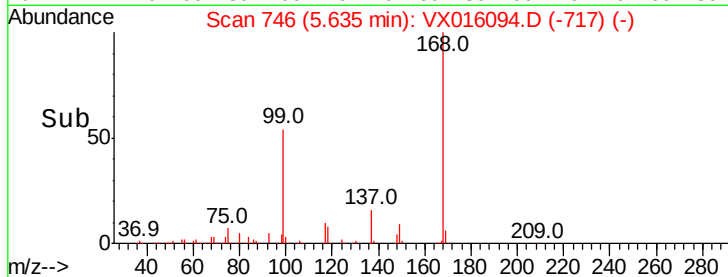
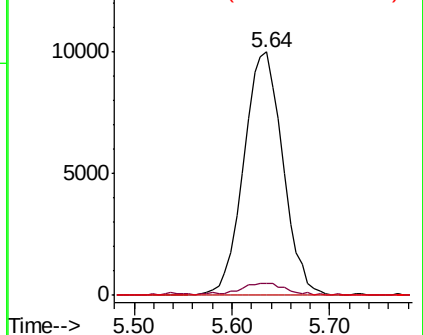
121 0.0 25.7 38.5#



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: 0.209 ug/l

RT: 7.60 min Scan# 1069

Delta R.T. -0.11 min

Lab File: VX016094.D

Acq: 07 May 2020 15:18

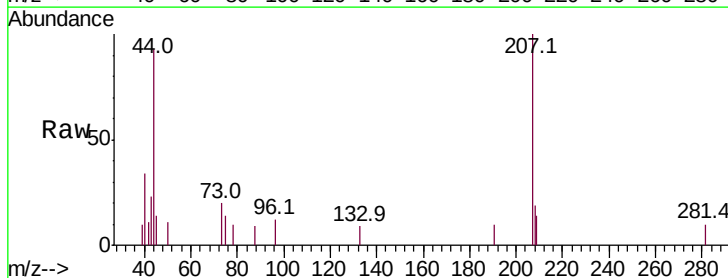
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 395.0 25.3 37.9#

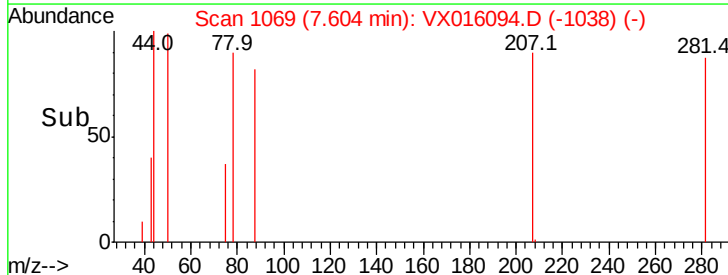
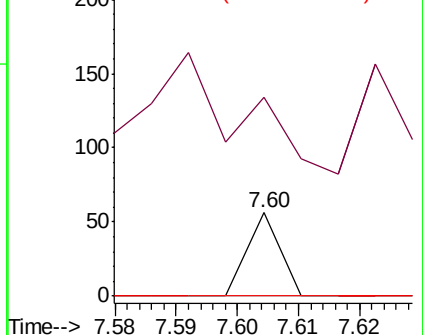
58 0.0 55.9 83.9#

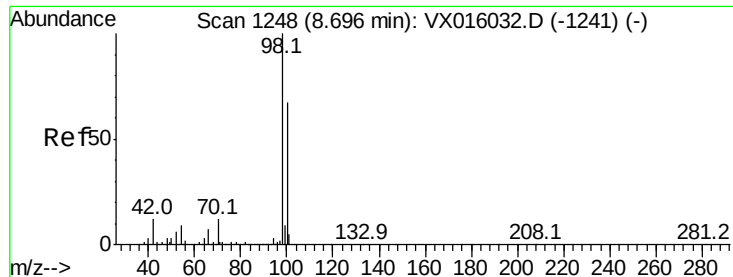


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.493 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016094.D

Acq: 07 May 2020 15:18

Instrument :

MSVOA_X

ClientSampleId :

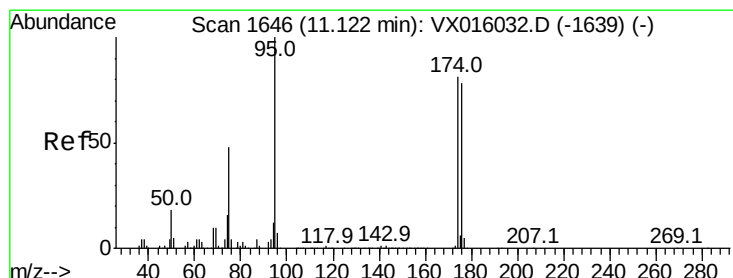
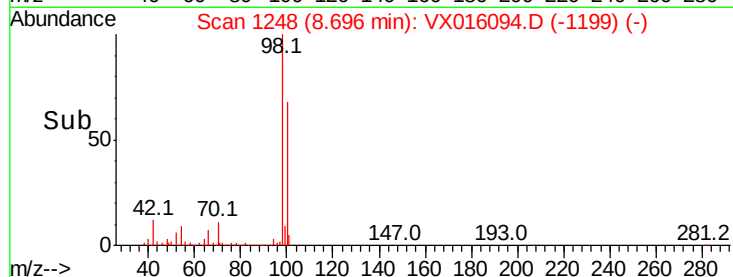
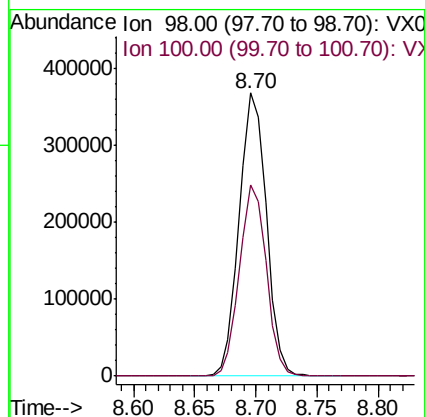
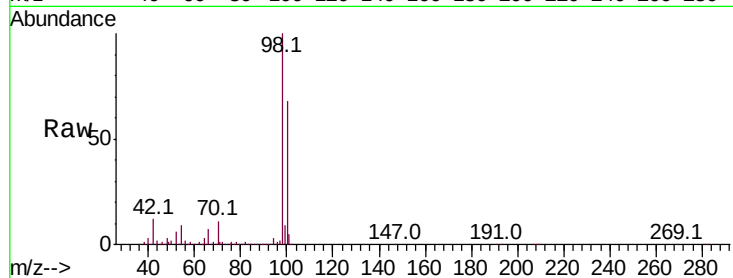
TB-01-200430

Tot Ion: 98 Resp: 569296

Ion Ratio Lower Upper

98 100

100 66.9 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 54.111 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016094.D

Acq: 07 May 2020 15:18

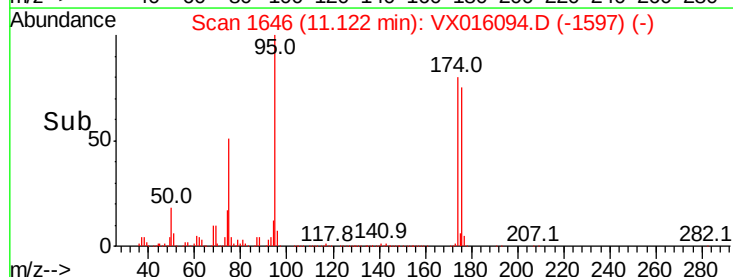
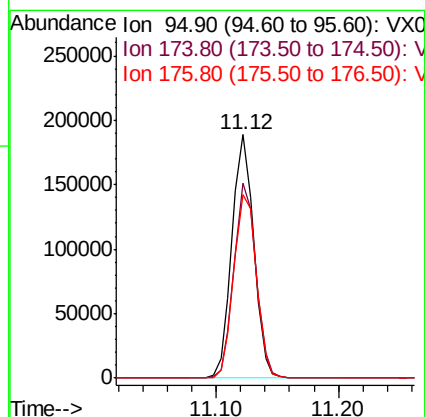
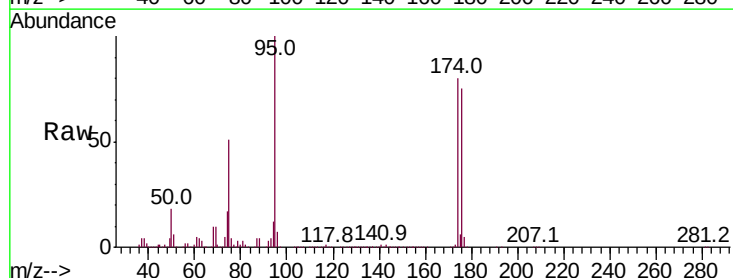
Tgt Ion: 95 Resp: 232047

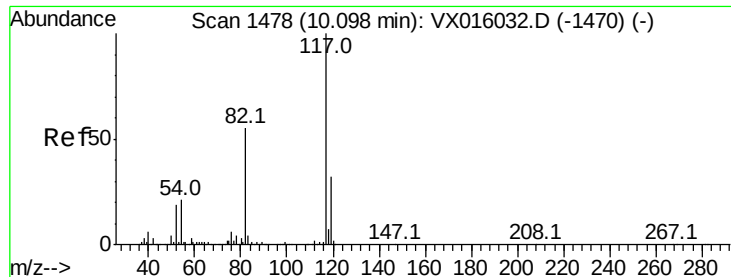
Ion Ratio Lower Upper

95 100

174 80.7 0.0 159.4

176 78.6 0.0 157.6

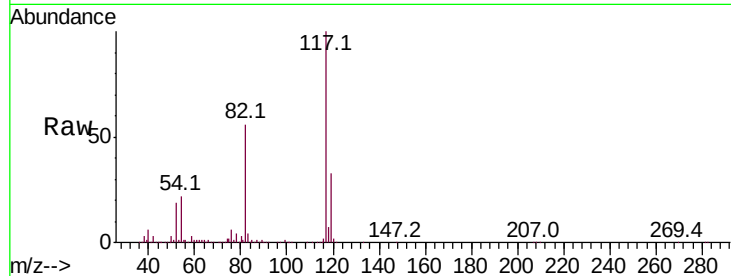




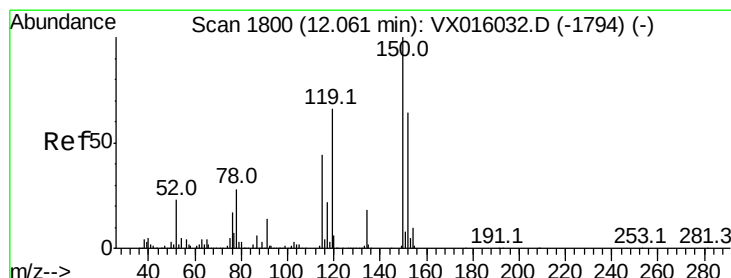
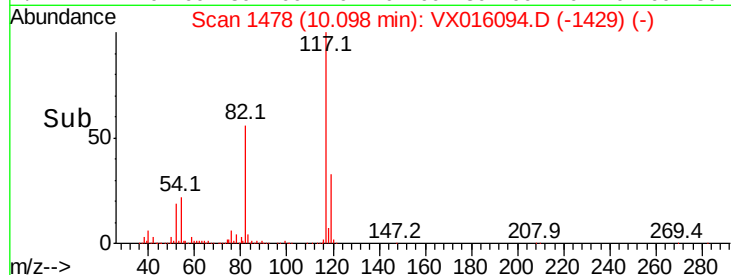
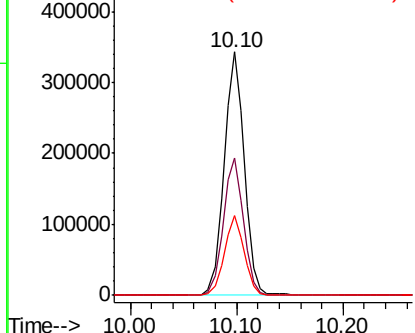
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016094.D
Acq: 07 May 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200430

Tot Ion:117 Resp: 454970
Ion Ratio Lower Upper
117 100
82 56.5 44.4 66.6
119 32.7 25.5 38.3

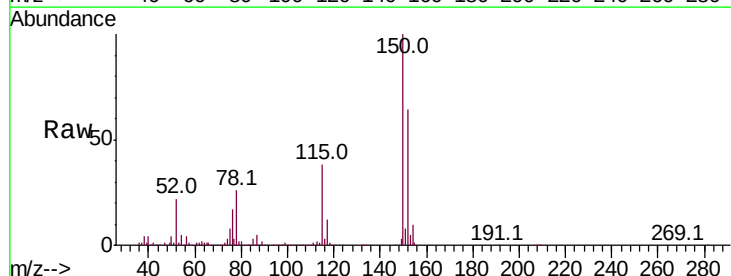


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

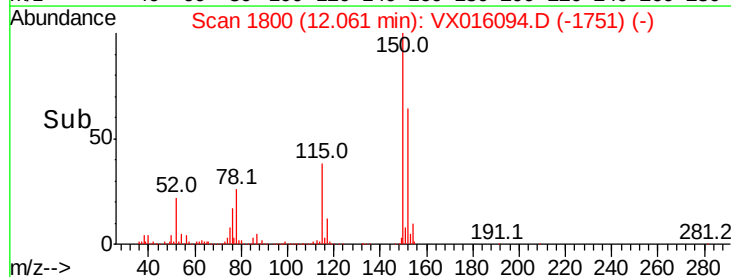
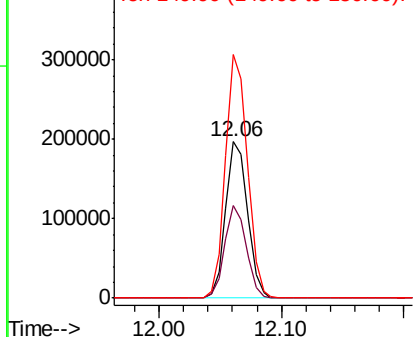


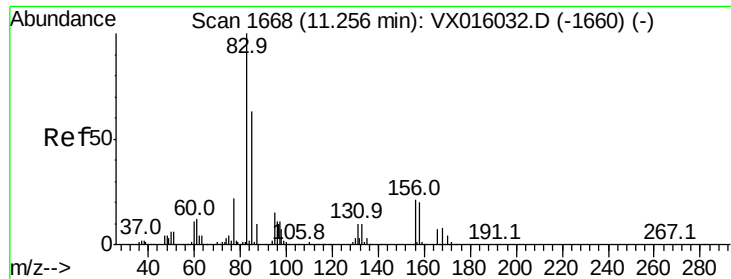
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016094.D
Acq: 07 May 2020 15:18

Tgt Ion:152 Resp: 243177
Ion Ratio Lower Upper
152 100
115 58.2 41.3 124.1
150 156.3 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





#75

1,1,2,2-Tetrachloroethane

Concen: 2.124 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.13 min

Lab File: VX016094.D

Acq: 07 May 2020 15:18

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200430

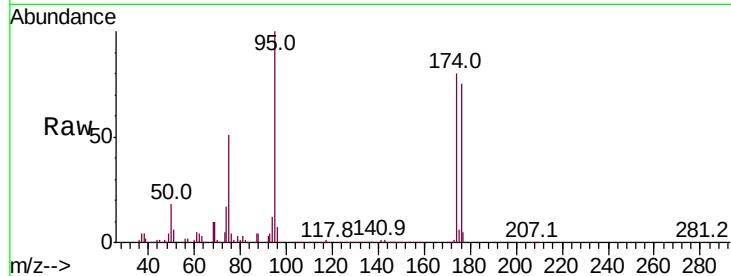
Tot Ion: 83 Resp: 246

Ion Ratio Lower Upper

83 100

131 128.9 5.1 15.4#

85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

400

300

200

100

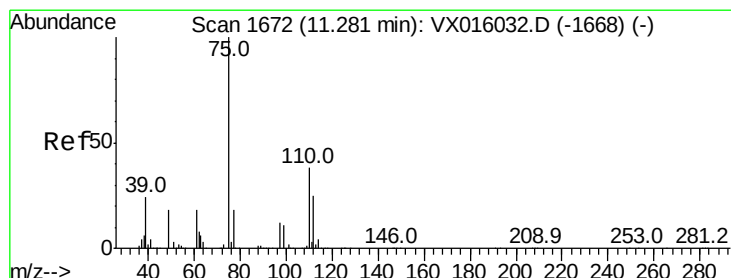
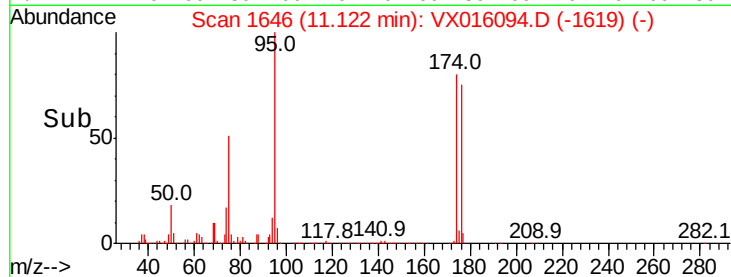
0

11.12

11.10

11.15

Time-->



#76

1,2,3-Trichloropropane

Concen: 21.215 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016094.D

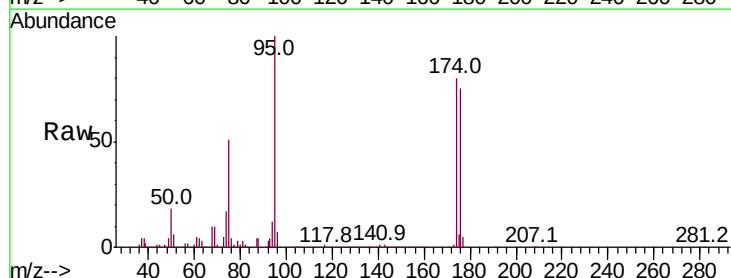
Acq: 07 May 2020 15:18

Tgt Ion: 75 Resp: 117070

Ion Ratio Lower Upper

75 100

77 1.4 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

100000

80000

60000

40000

20000

0

11.12

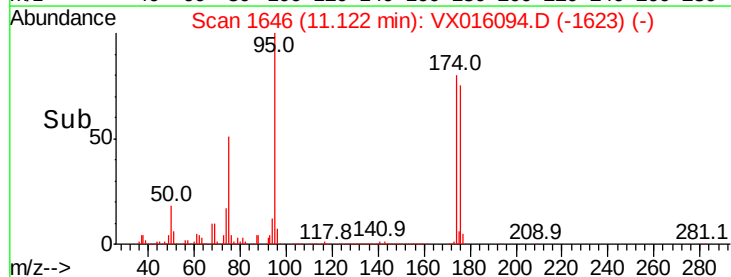
11.05

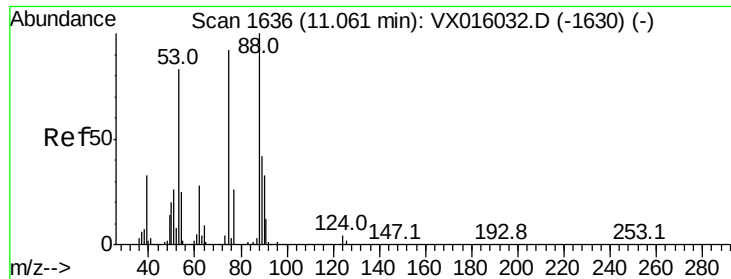
11.10

11.15

11.20

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.557 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016094.D

Acq: 07 May 2020 15:18

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200430

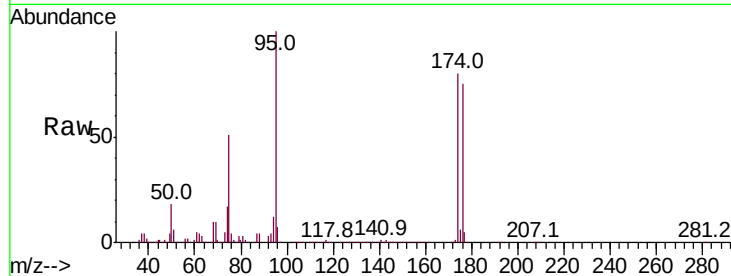
Tot Ion: 75 Resp: 117070

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

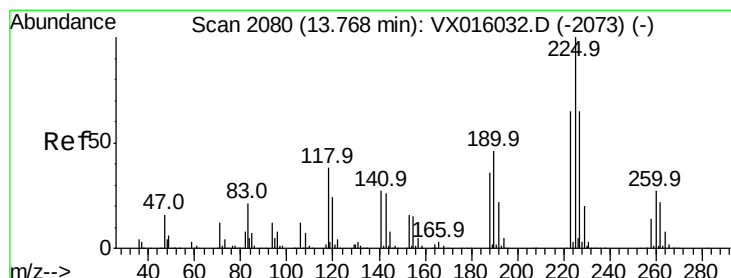
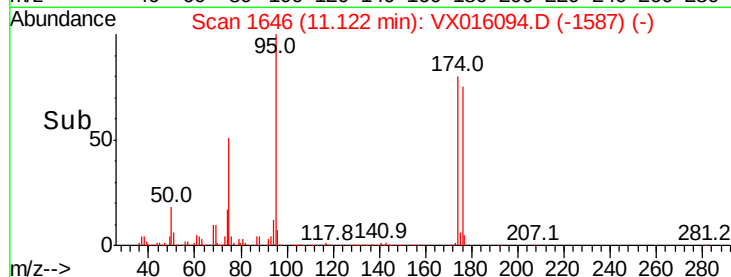
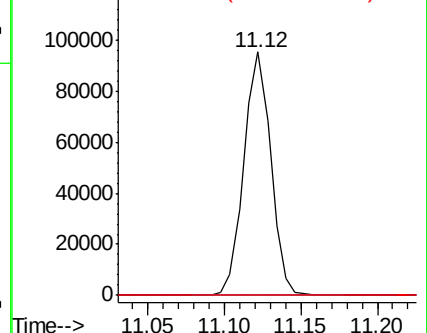
89 0.0 36.7 55.1#



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



#94

Hexachlorobutadiene

Concen: 0.547 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016094.D

Acq: 07 May 2020 15:18

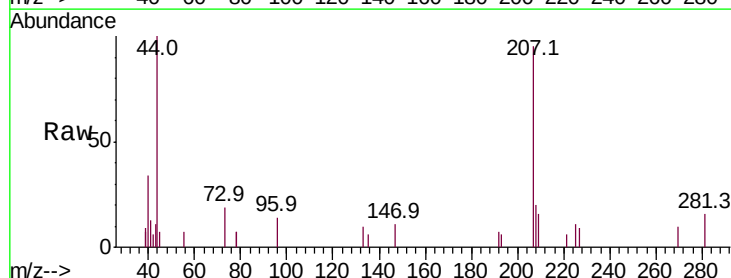
Tgt Ion: 225 Resp: 61

Ion Ratio Lower Upper

225 100

223 111.5 32.3 96.9#

227 77.0 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

