

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
 Data File : VX011620.D
 Acq On : 19 Aug 2019 10:27
 Operator : JC/SP
 Sample : VX0819MBL01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBL01

Quant Time: Aug 20 09:35:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	436755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	595931	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	523032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	248969	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	203576	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
35) Dibromofluoromethane	5.49	113	181428	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	8.71	98	670721	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
62) 4-Bromofluorobenzene	11.13	95	232815	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	

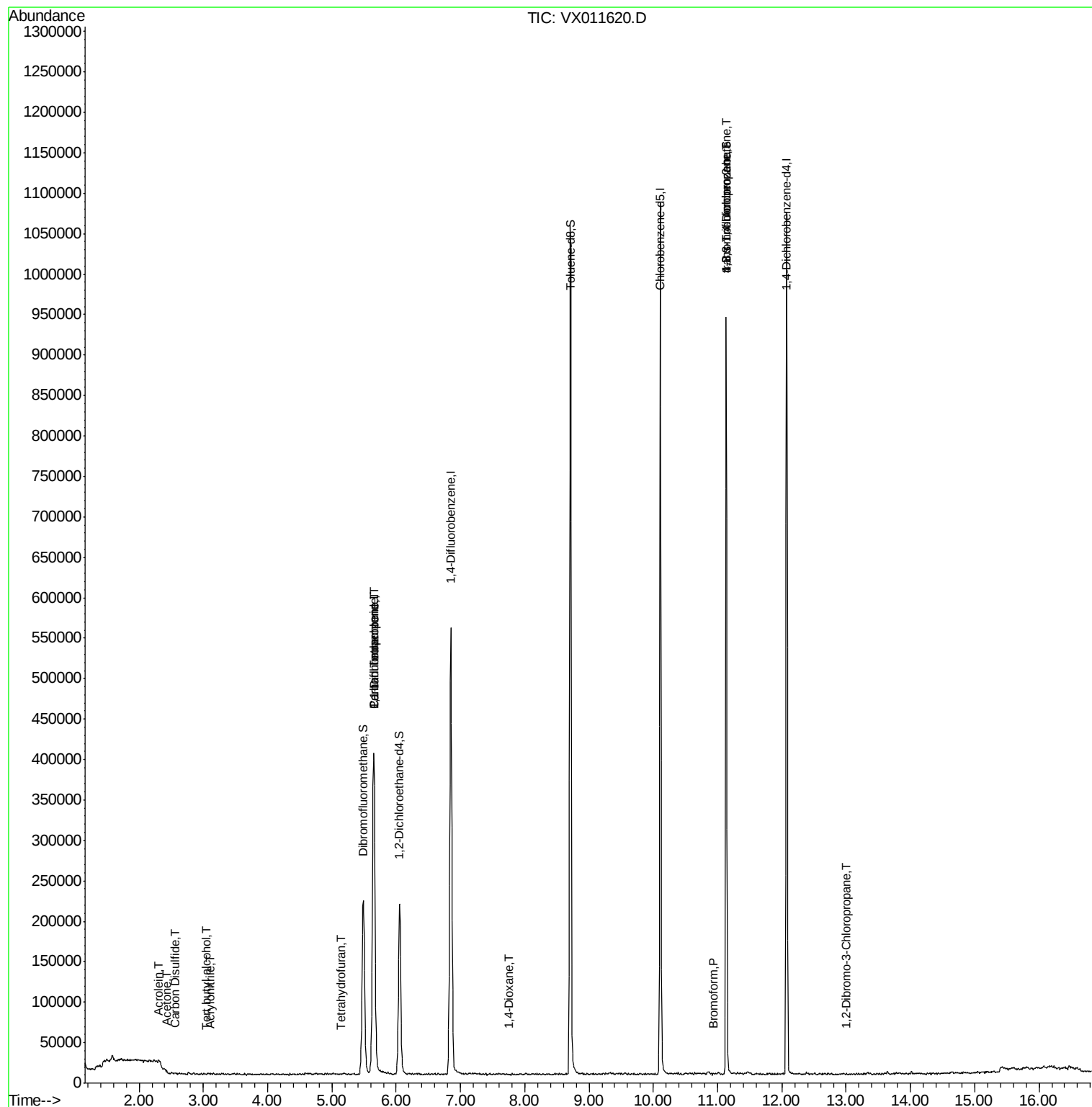
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.04	59	426	0.429	ug/l #	46
13) Acrolein	2.30	56	394	13.410	ug/l #	1
15) Acrylonitrile	3.12	53	574	0.252	ug/l #	45
16) Acetone	2.43	43	1213	0.596	ug/l #	81
17) Carbon Disulfide	2.56	76	1786	0.204	ug/l #	95
29) Tetrahydrofuran	5.14	42	544	0.259	ug/l #	46
36) 1,1-Dichloropropene	5.65	75	25160	4.938	ug/l #	52
38) Carbon Tetrachloride	5.65	117	36478	6.498	ug/l #	17
49) 1,4-Dioxane	7.75	88	106	0.880	ug/l #	1
71) Bromoform	10.94	173	77	3.309	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	106982	22.661	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	106982	60.365	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	13.00	75	322	0.253	ug/l #	2

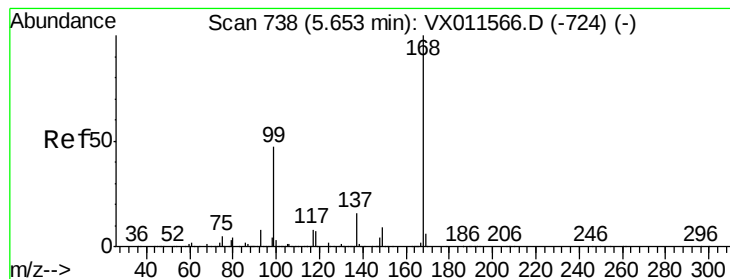
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

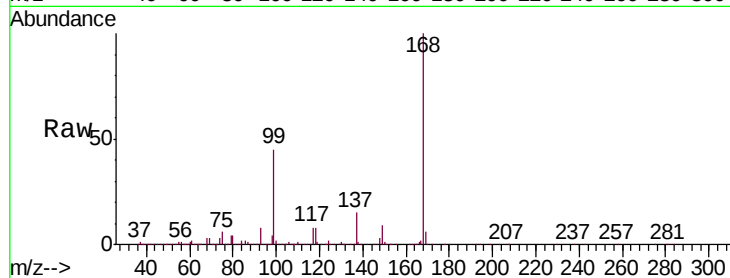
VX0819MBL01

Tgt Ion:168 Resp: 436755

Ion Ratio Lower Upper

168 100

99 44.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

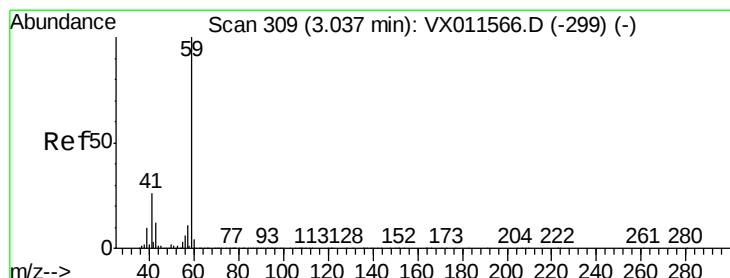
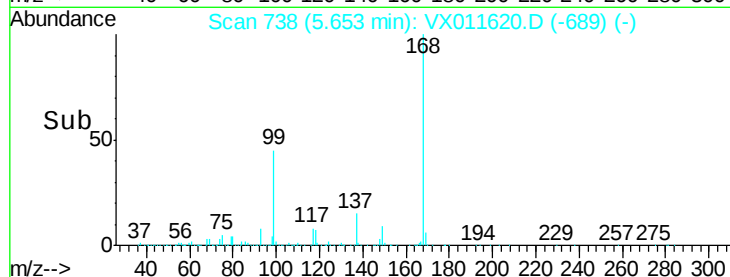
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.429 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.00 min

Lab File: VX011620.D

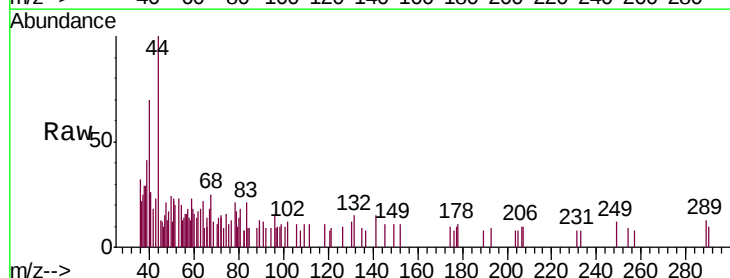
Acq: 19 Aug 2019 10:27

Tgt Ion: 59 Resp: 426

Ion Ratio Lower Upper

59 100

57 31.2 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

300

250

200

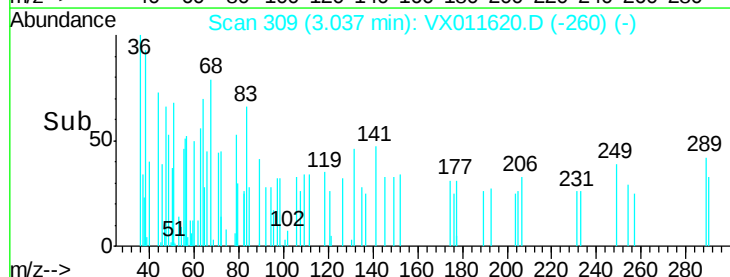
150

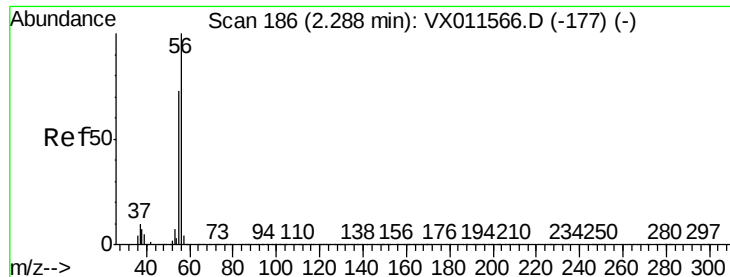
100

50

0

Time-->





#13

Acrolein

Concen: 13.410 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

Instrument :

MSVOA_X

ClientSampled :

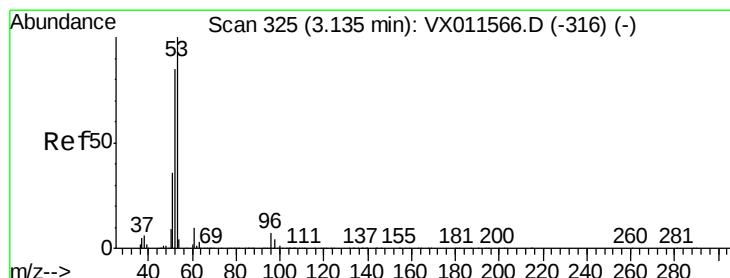
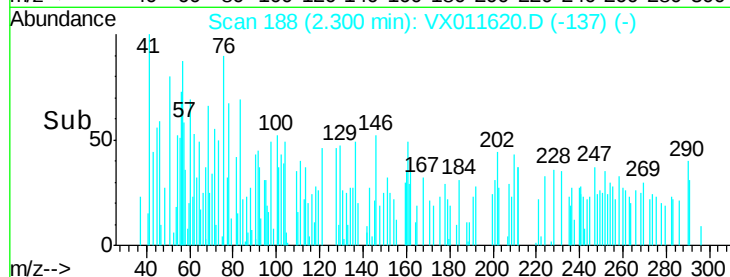
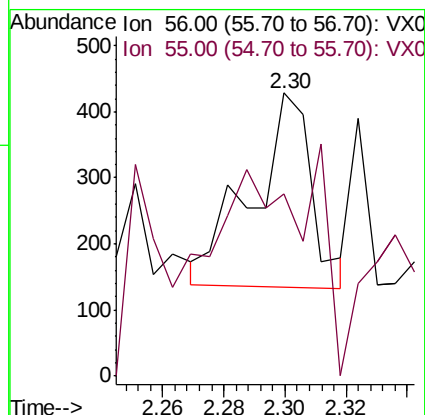
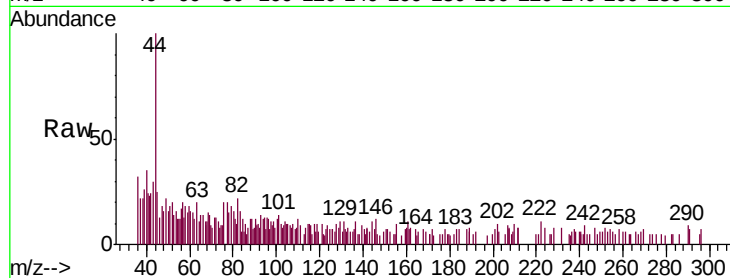
VX0819MBL01

Tgt Ion: 56 Resp: 394

Ion Ratio Lower Upper

56 100

55 152.3 55.5 83.3#



#15

Acrylonitrile

Concen: 0.252 ug/l

RT: 3.12 min Scan# 322

Delta R.T. -0.02 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

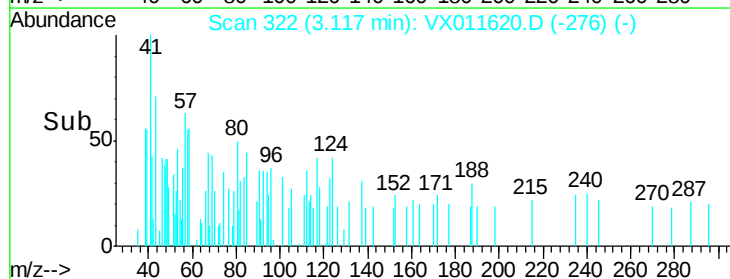
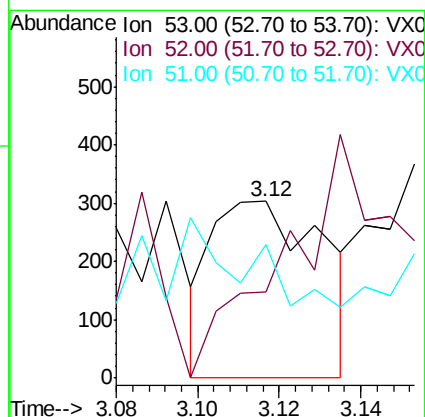
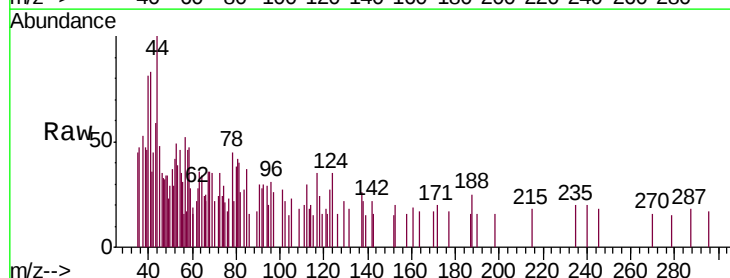
Tgt Ion: 53 Resp: 574

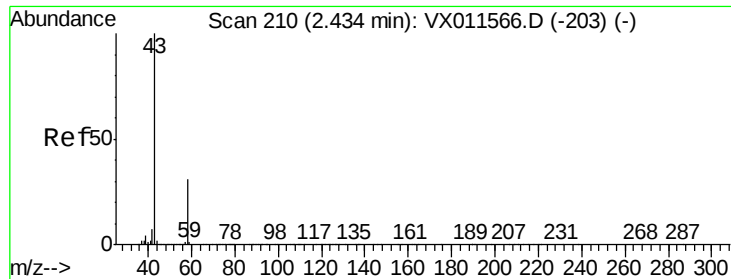
Ion Ratio Lower Upper

53 100

52 130.3 66.7 100.1#

51 0.0 28.7 43.1#





#16

Acetone

Concen: 0.596 ug/l

RT: 2.43 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

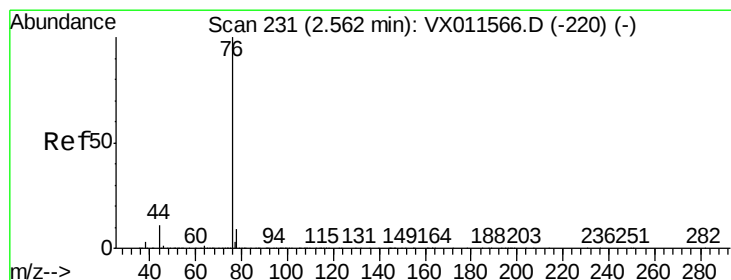
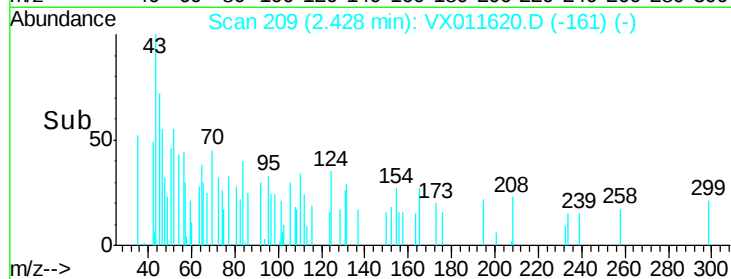
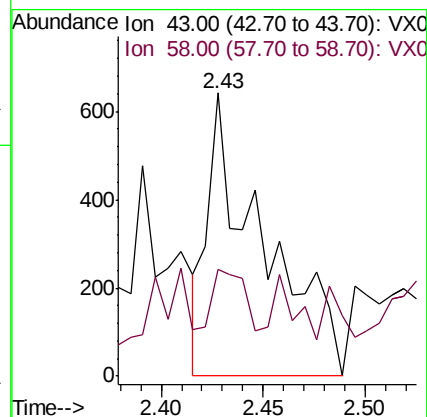
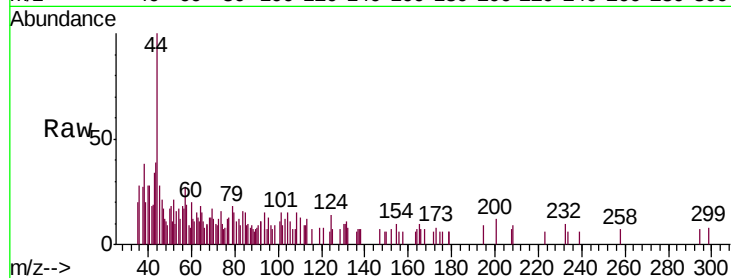
VX0819MBL01

Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

43 100

58 20.9 25.2 37.8#



#17

Carbon Disulfide

Concen: 0.204 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011620.D

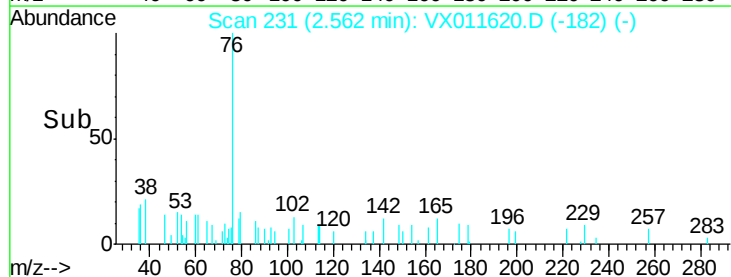
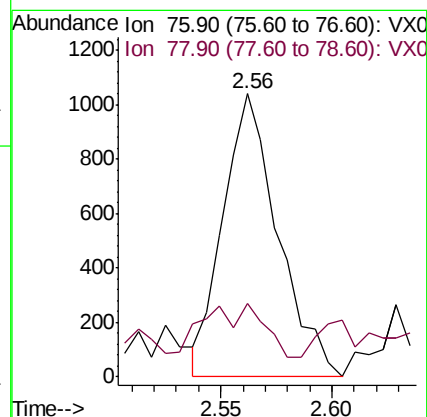
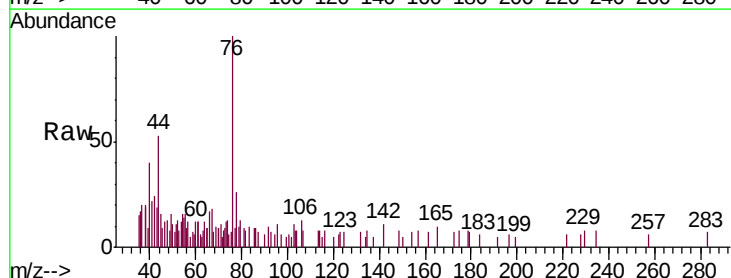
Acq: 19 Aug 2019 10:27

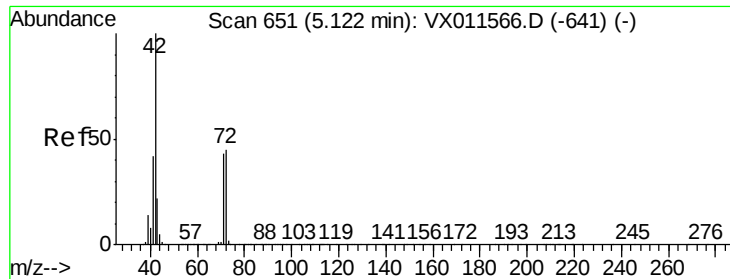
Tgt Ion: 76 Resp: 1786

Ion Ratio Lower Upper

76 100

78 7.1 7.2 10.8#





#29

Tetrahydrofuran

Concen: 0.259 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.02 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBL01

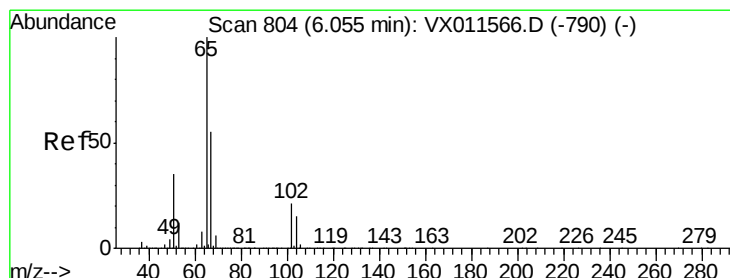
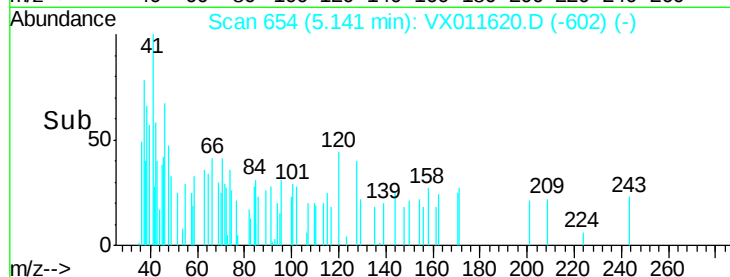
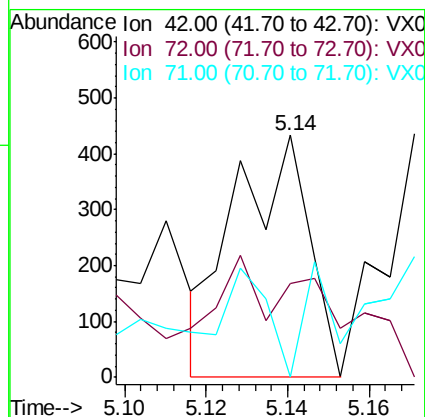
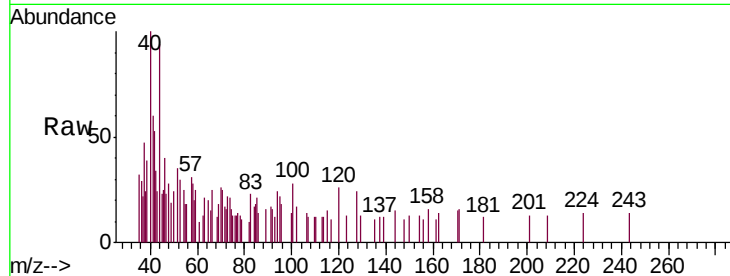
Tgt Ion: 42 Resp: 544

Ion Ratio Lower Upper

42 100

72 0.0 36.1 54.1#

71 18.0 33.8 50.8#



#33

1,2-Dichloroethane-d4

Concen: 50.262 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011620.D

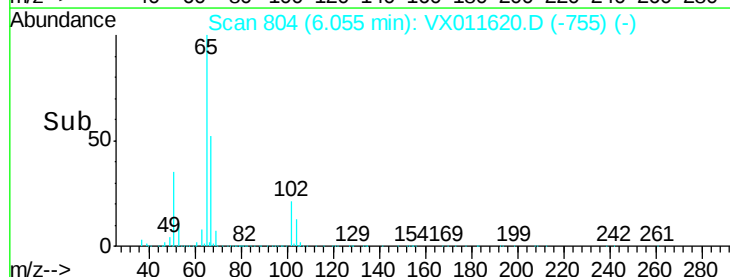
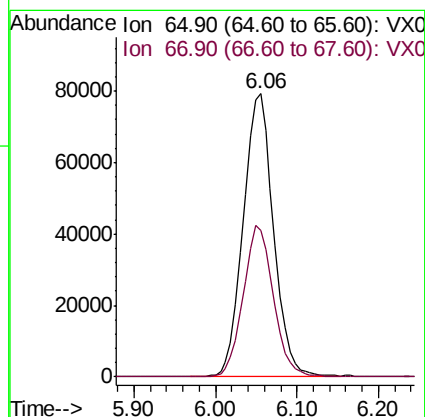
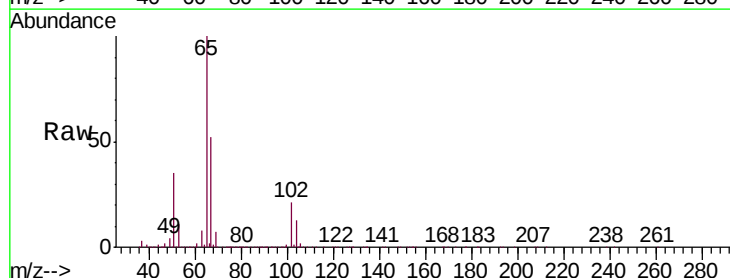
Acq: 19 Aug 2019 10:27

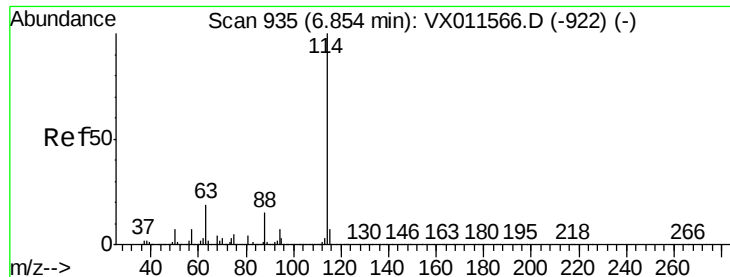
Tgt Ion: 65 Resp: 203576

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBL01

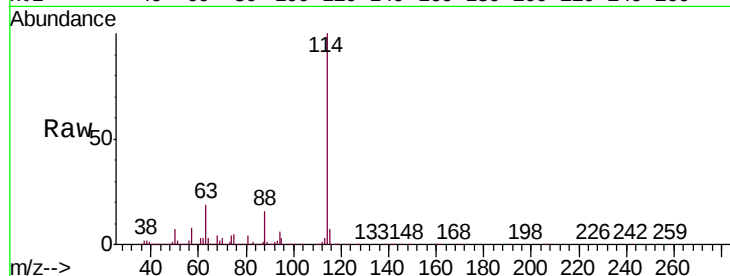
Tgt Ion:114 Resp: 595931

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.8

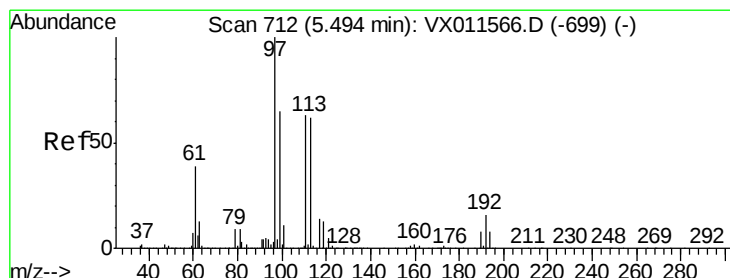
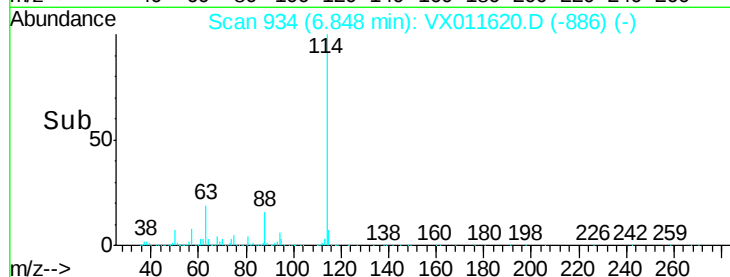
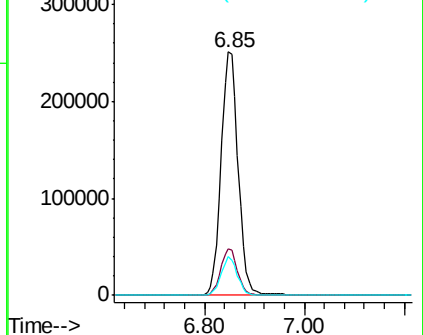
88 15.7 0.0 30.2



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: 46.547 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

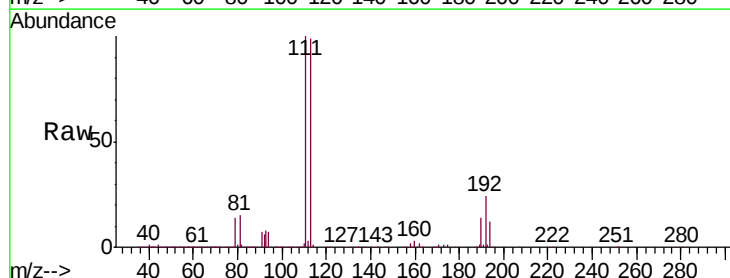
Tgt Ion:113 Resp: 181428

Ion Ratio Lower Upper

113 100

111 101.5 81.1 121.7

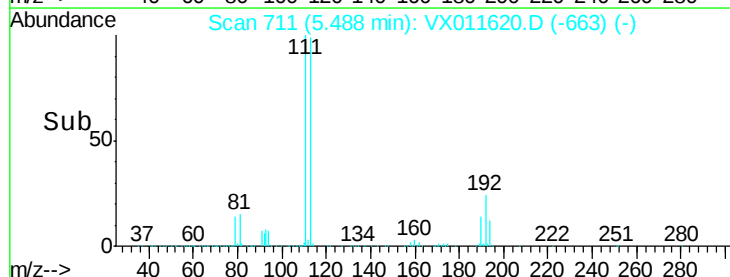
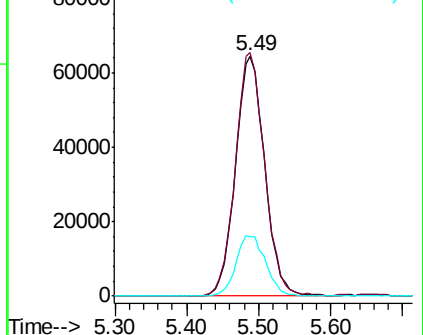
192 25.8 20.8 31.2

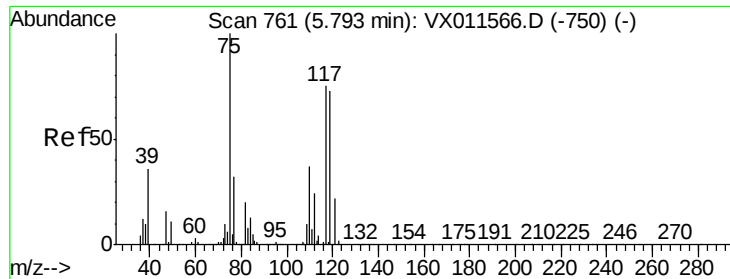


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.938 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.15 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBL01

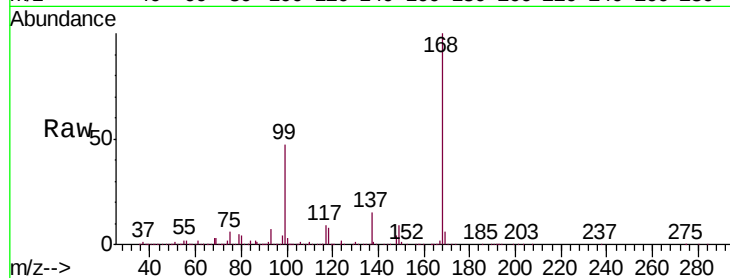
Tgt Ion: 75 Resp: 25160

Ion Ratio Lower Upper

75 100

110 12.9 19.4 58.1#

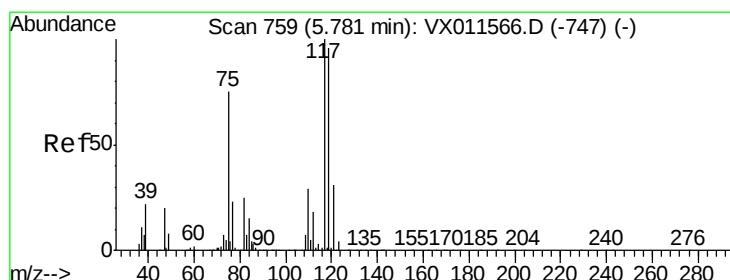
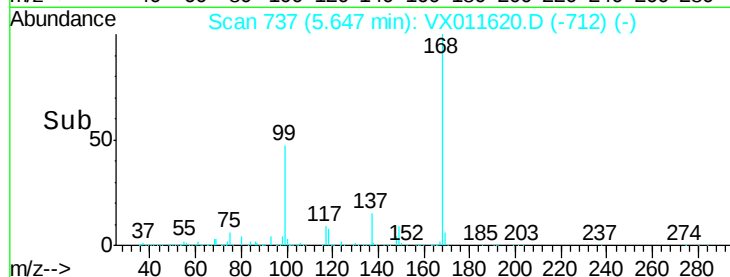
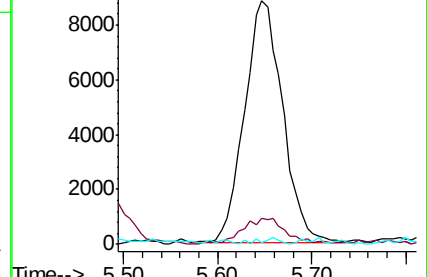
77 1.4 25.1 37.7#



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: 6.498 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

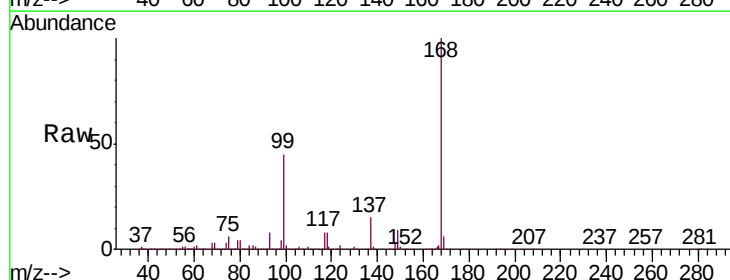
Tgt Ion: 117 Resp: 36478

Ion Ratio Lower Upper

117 100

119 6.5 76.9 115.3#

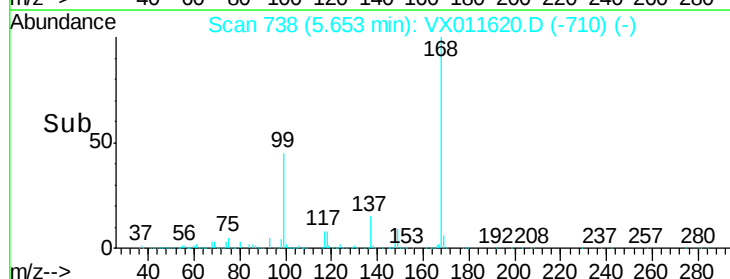
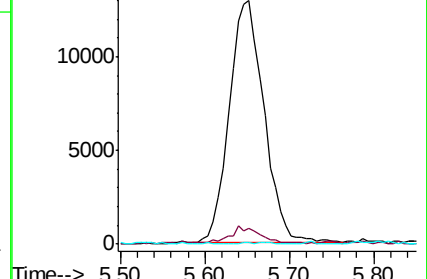
121 0.7 24.8 37.2#

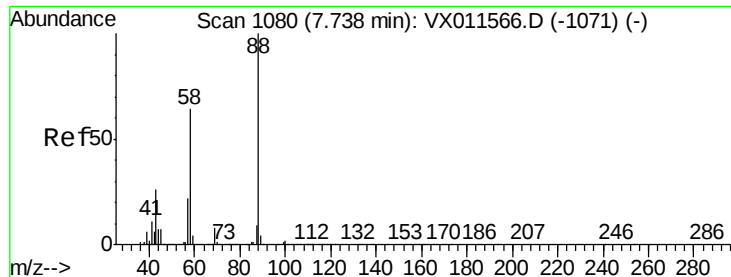


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

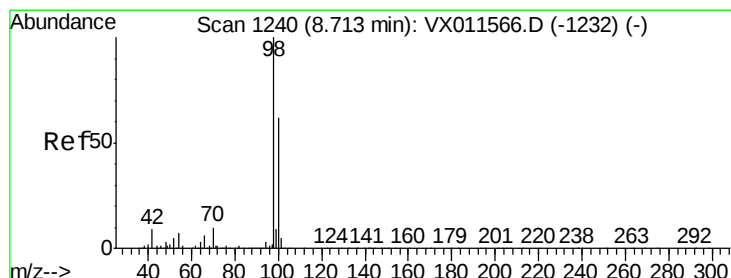
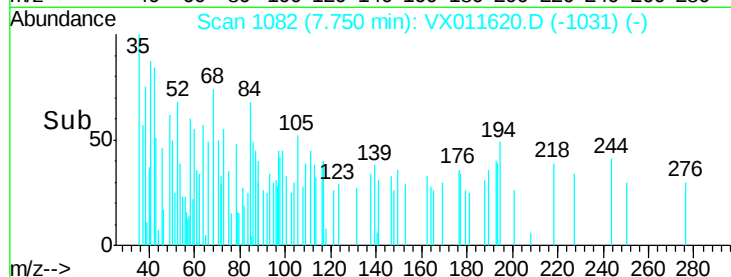
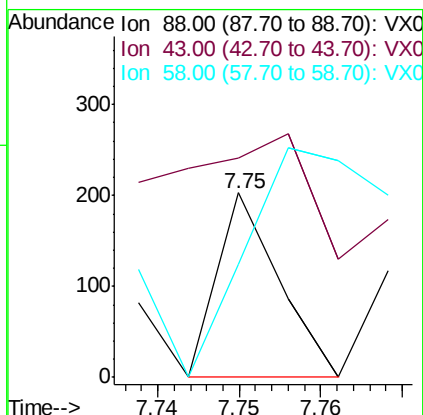
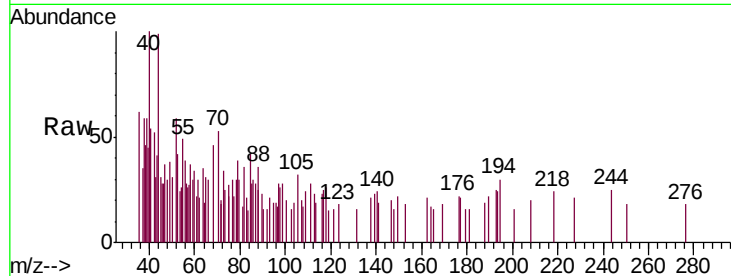




#49
 1,4-Dioxane
 Concen: 0.880 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: VX011620.D
 Acq: 19 Aug 2019 10:27

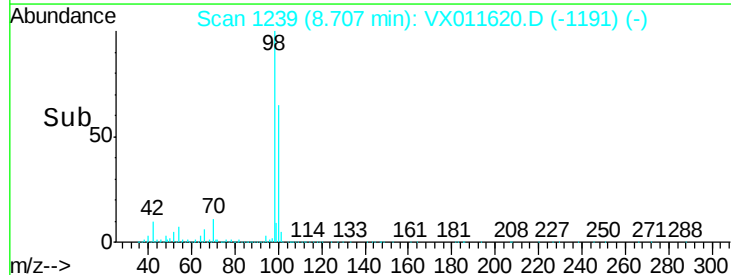
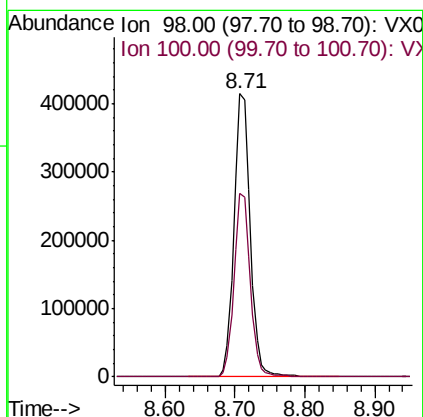
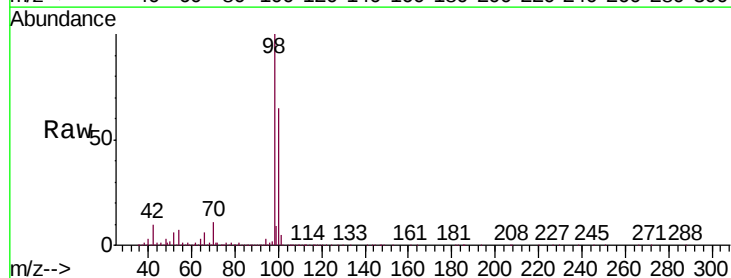
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBL01

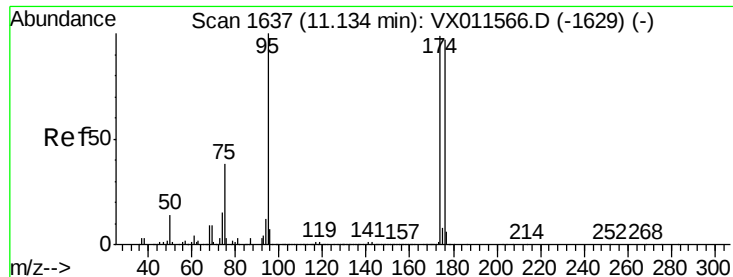
Tgt Ion: 88 Resp: 106
 Ion Ratio Lower Upper
 88 100
 43 703.8 23.4 35.0#
 58 281.1 54.3 81.5#



#50
 Toluene-d8
 Concen: 55.226 ug/l
 RT: 8.71 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VX011620.D
 Acq: 19 Aug 2019 10:27

Tgt Ion: 98 Resp: 670721
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 45.417 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBL01

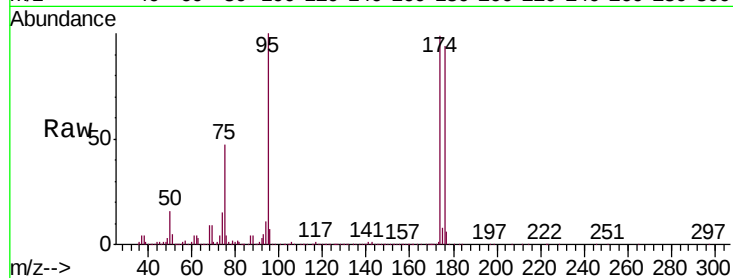
Tgt Ion: 95 Resp: 232815

Ion Ratio Lower Upper

95 100

174 99.4 0.0 200.6

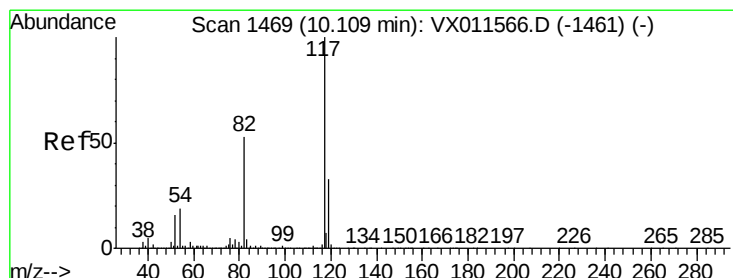
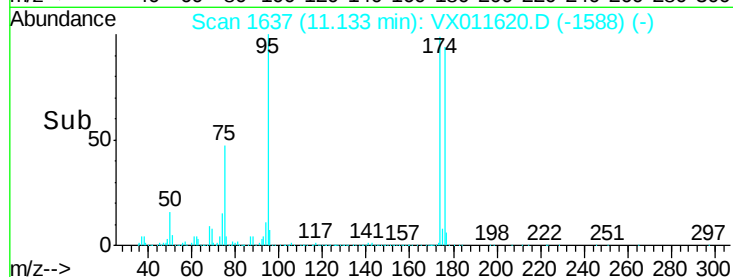
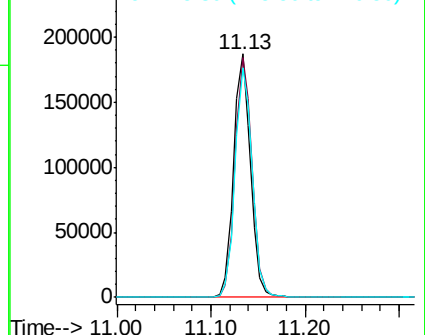
176 96.1 0.0 196.6



Abundance Ion 94.90 (94.60 to 95.60): VX011566.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX011566.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX011566.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

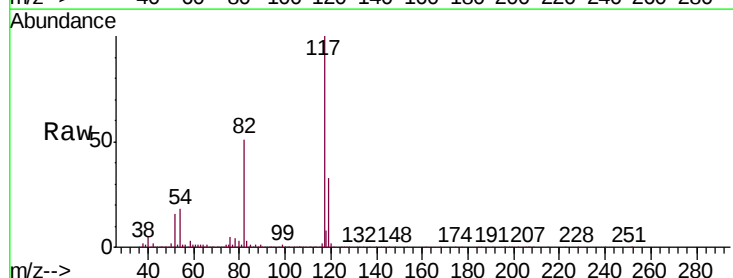
Tgt Ion: 117 Resp: 523032

Ion Ratio Lower Upper

117 100

82 51.0 42.0 63.0

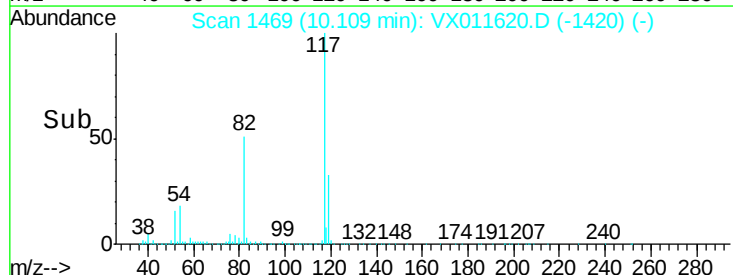
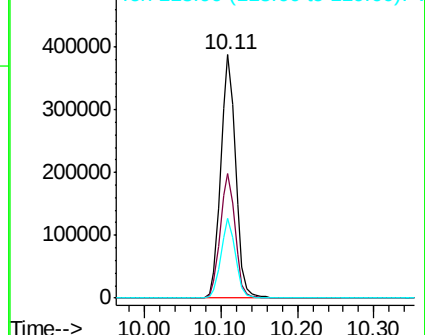
119 32.6 26.5 39.7

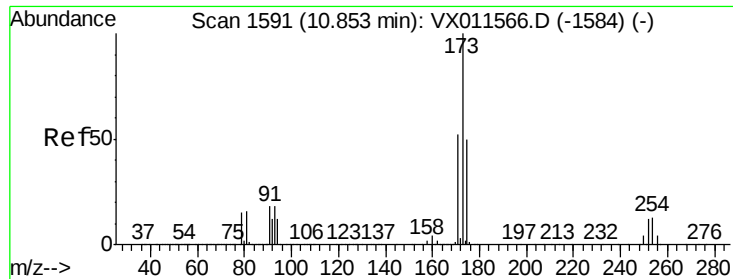


Abundance Ion 116.90 (116.60 to 117.60): VX011566.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011566.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011566.D (-1461) (-)





#71

Bromoform

Concen: 3.309 ug/l

RT: 10.94 min Scan# 1605

Delta R.T. 0.09 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBL01

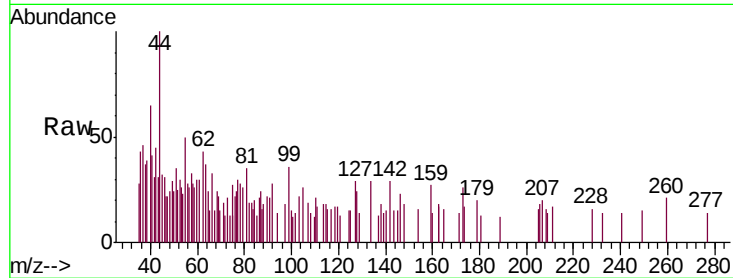
Tgt Ion:173 Resp: 77

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

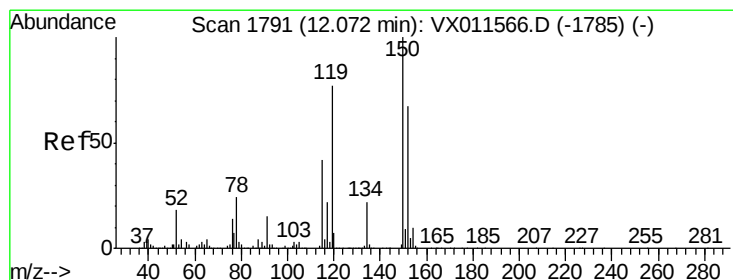
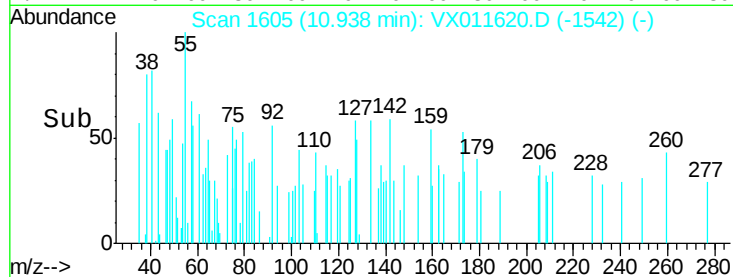
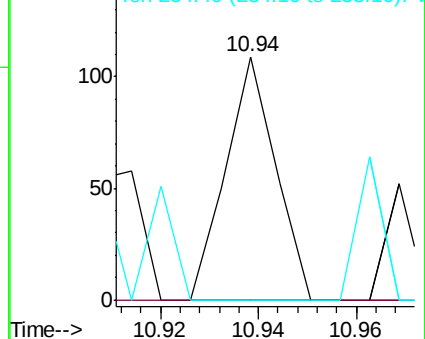
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

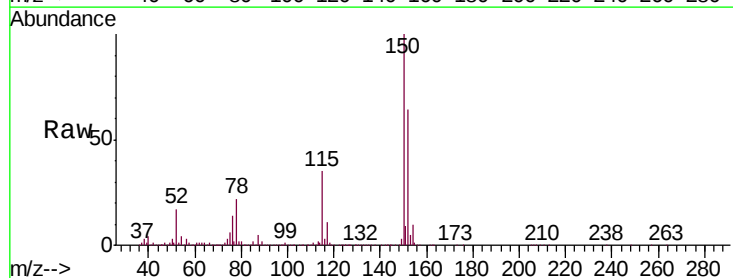
Tgt Ion:152 Resp: 248969

Ion Ratio Lower Upper

152 100

115 53.5 37.3 111.9

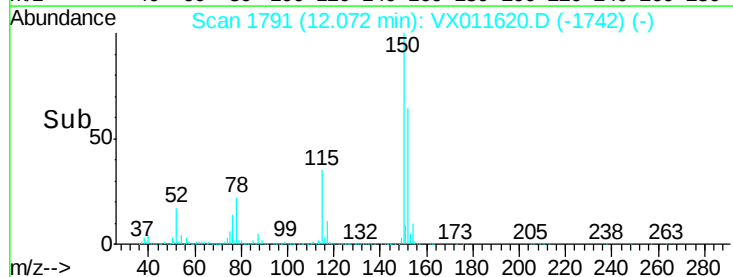
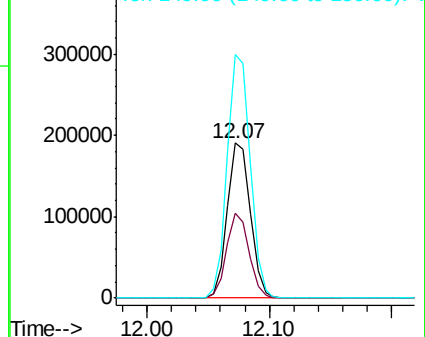
150 157.1 0.0 346.2

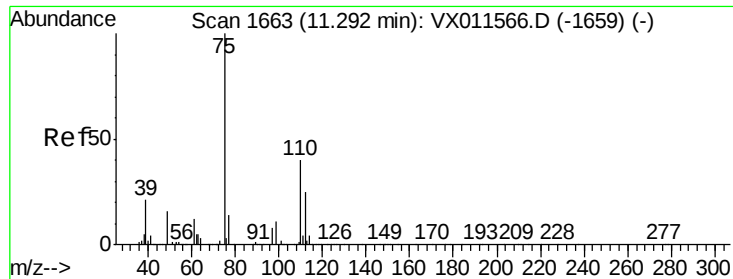


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.661 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

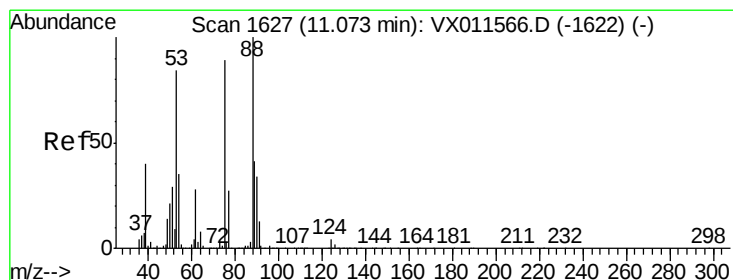
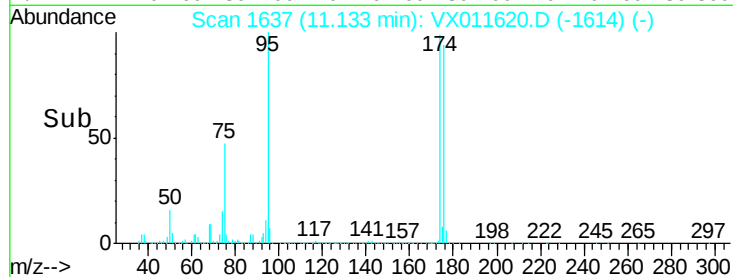
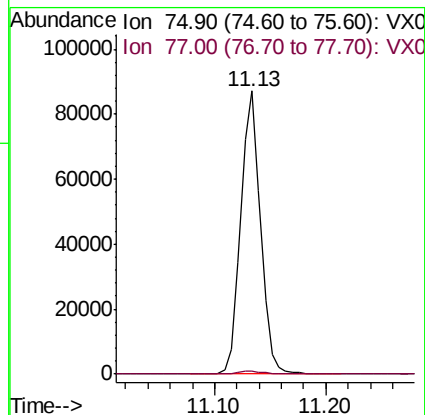
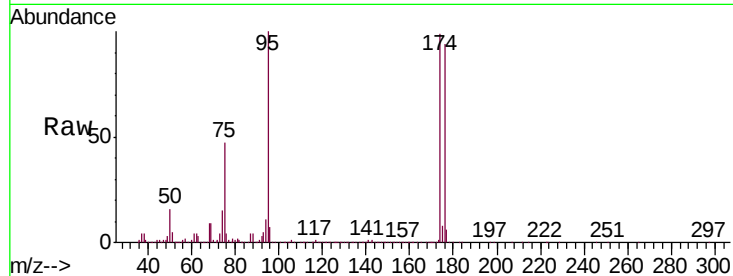
VX0819MBL01

Tgt Ion: 75 Resp: 106982

Ion Ratio Lower Upper

75 100

77 1.5 20.9 62.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.365 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011620.D

Acq: 19 Aug 2019 10:27

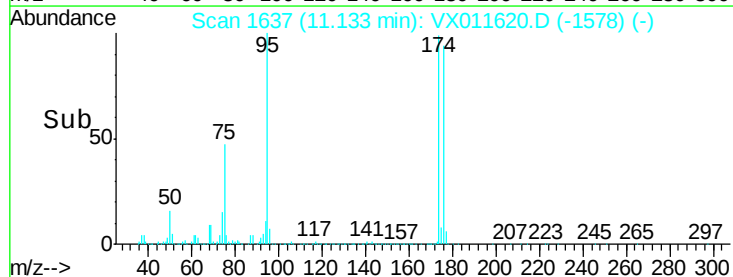
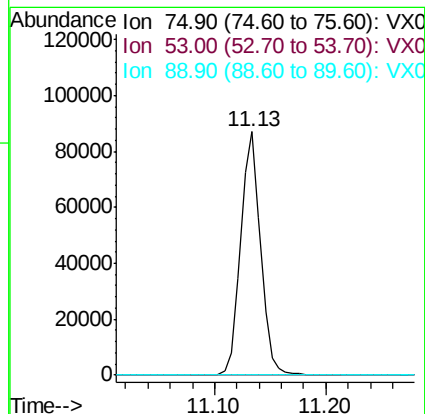
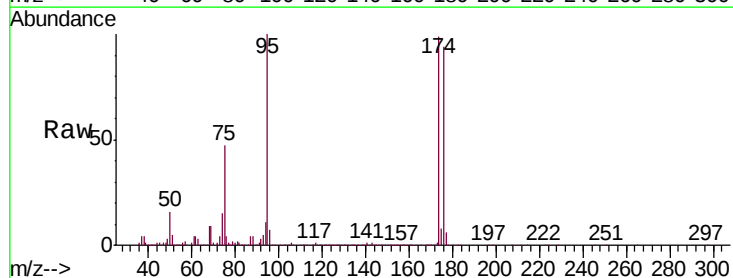
Tgt Ion: 75 Resp: 106982

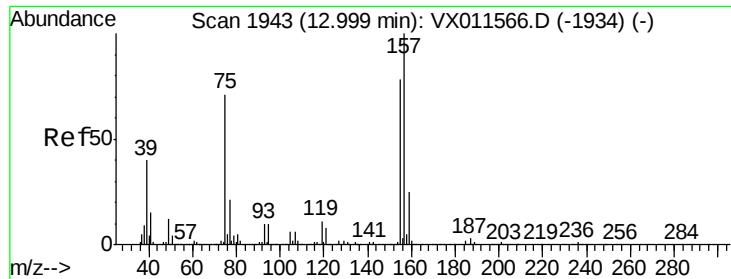
Ion Ratio Lower Upper

75 100

53 0.1 77.4 116.0#

89 0.0 37.3 55.9#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.253 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011620.D
 Acq: 19 Aug 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBL01

Tgt Ion: 75 Resp: 322
 Ion Ratio Lower Upper
 75 100
 155 8.1 53.0 159.0#
 157 16.8 68.3 205.1#

