

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012831.D
 Acq On : 07 Oct 2019 12:21
 Operator : JC/SP
 Sample : VX1007MBL01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007MBL01

Quant Time: Oct 08 11:10:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	180114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92987	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	119512	45.57	ug/l	0.00
Spiked Amount			Recovery	=	91.14%	
35) Dibromofluoromethane	5.49	113	92679	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
50) Toluene-d8	8.71	98	358717	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.14	95	116611	42.45	ug/l	0.00
Spiked Amount			Recovery	=	84.90%	

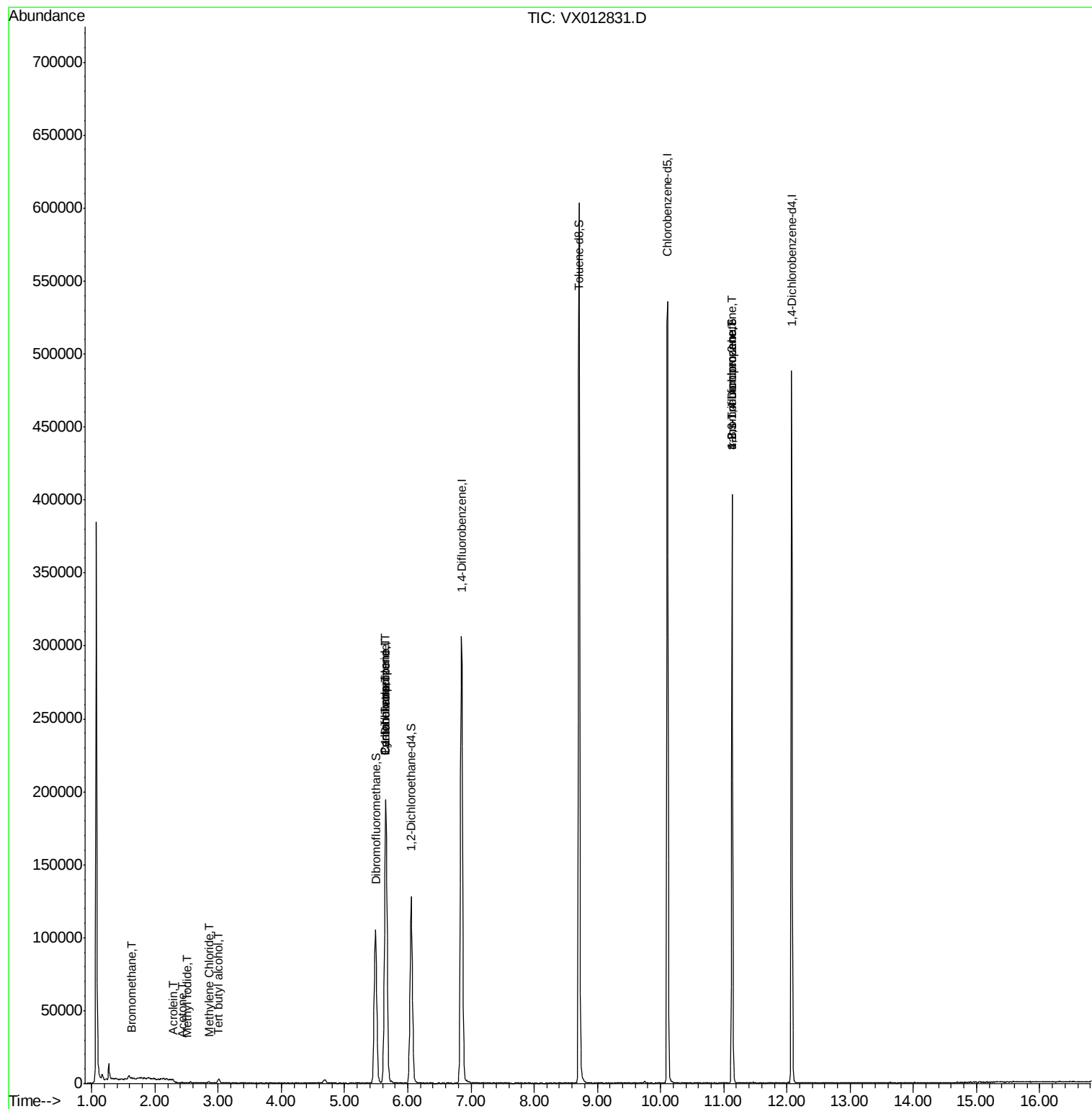
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	566	0.622	ug/l	83
10) Methyl Iodide	2.50	142	282	5.075	ug/l #	91
11) Tert butyl alcohol	3.00	59	1916	2.924	ug/l #	72
13) Acrolein	2.29	56	91	10.472	ug/l #	15
16) Acetone	2.42	43	620	0.446	ug/l #	46
20) Methylene Chloride	2.85	84	573	0.244	ug/l #	81
31) Cyclohexane	5.65	56	4068	1.114	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	14398	4.904	ug/l #	48
38) Carbon Tetrachloride	5.65	117	19338	6.484	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	59408	24.152	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	59408	69.215	ug/l #	8

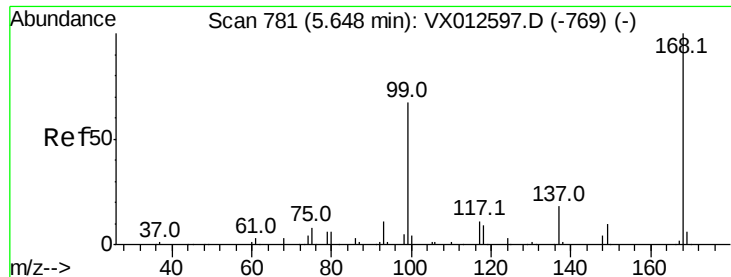
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100719\
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Quant Time: Oct 08 11:10:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012831.D

Acq: 07 Oct 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

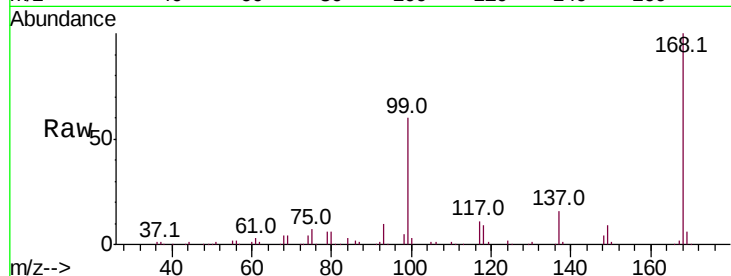
VX1007MBL01

Tot Ion:168 Resp: 180114

Ion Ratio Lower Upper

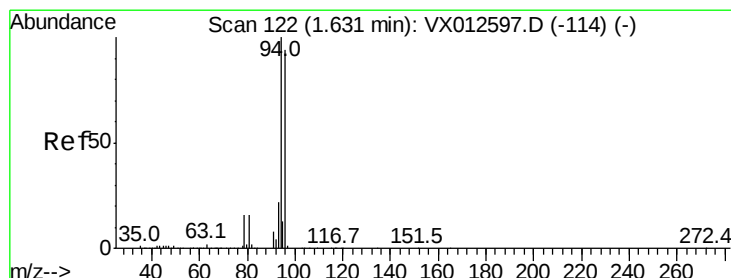
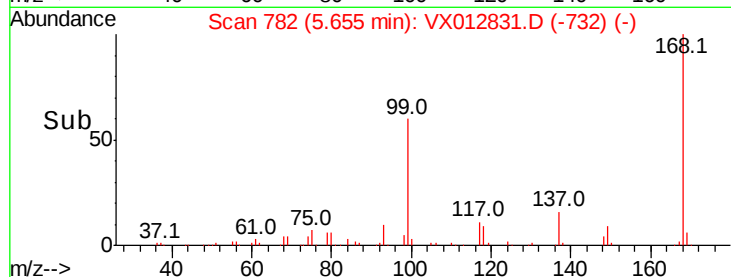
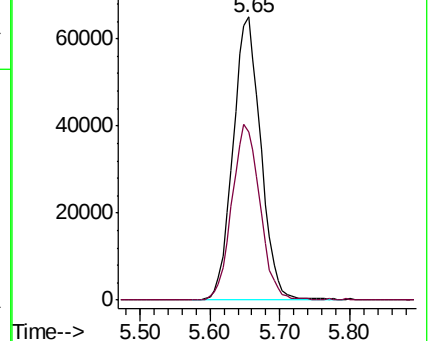
168 100

99 59.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.622 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012831.D

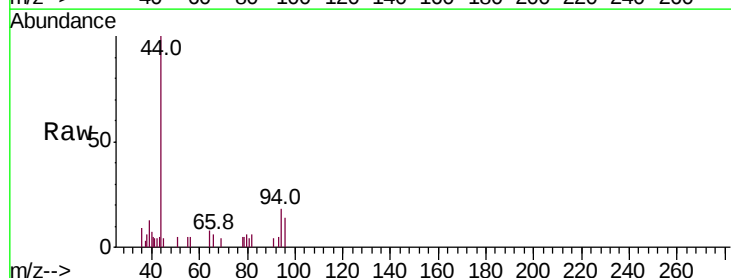
Acq: 07 Oct 2019 12:21

Tgt Ion: 94 Resp: 566

Ion Ratio Lower Upper

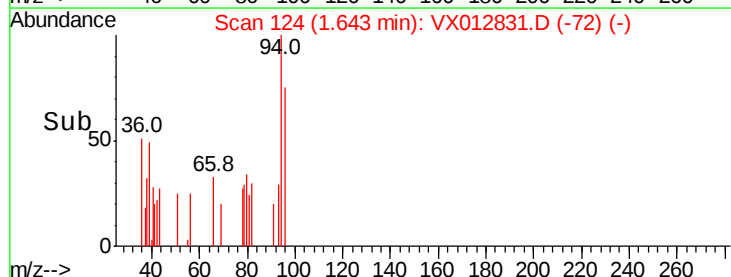
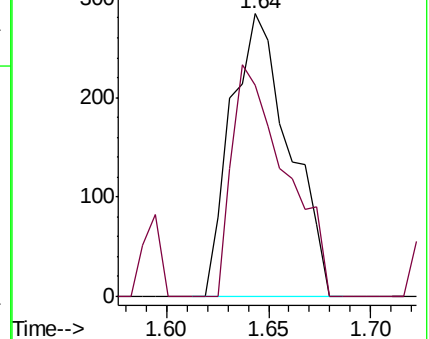
94 100

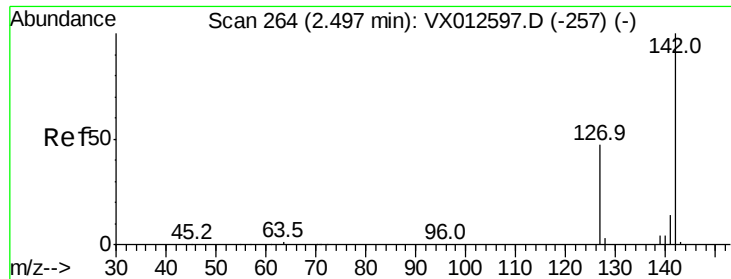
96 75.0 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

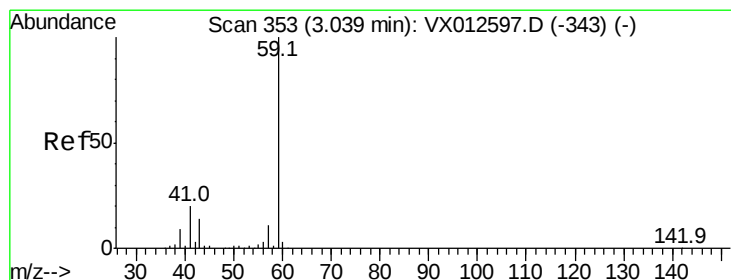
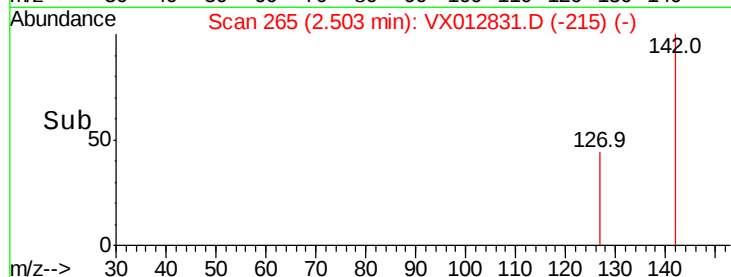
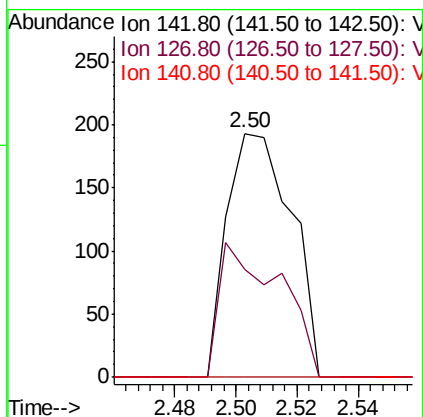
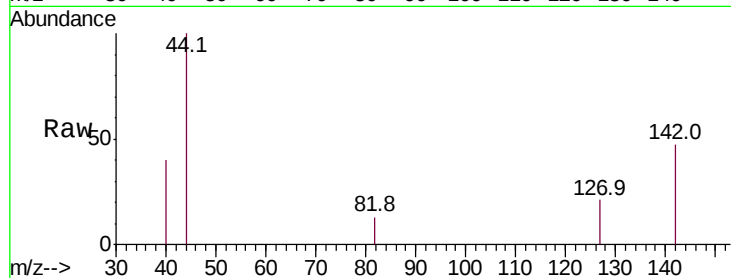




#10
Methvl Iodide
Concen: 5.075 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012831.D
Acq: 07 Oct 2019 12:21

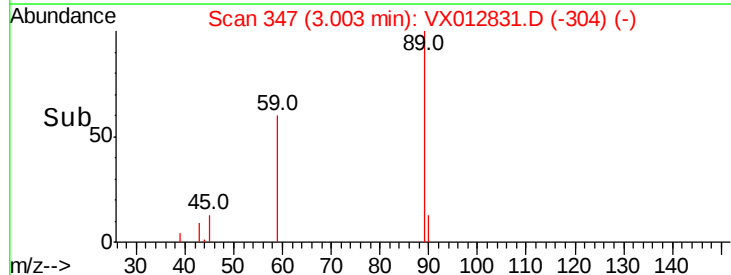
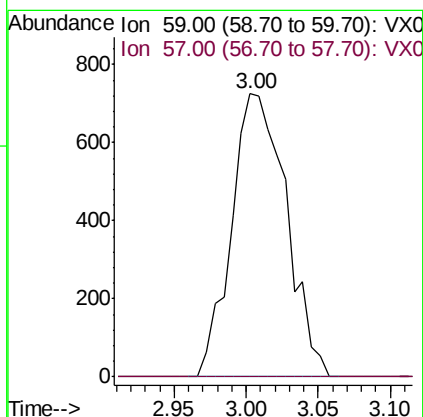
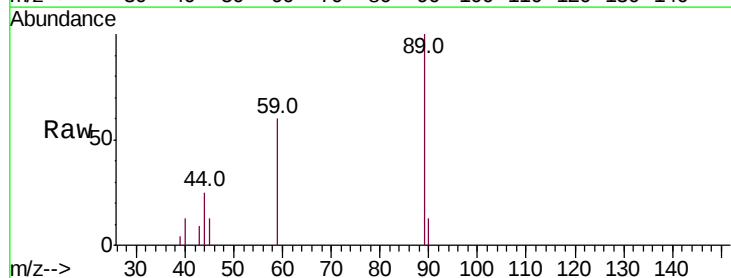
Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

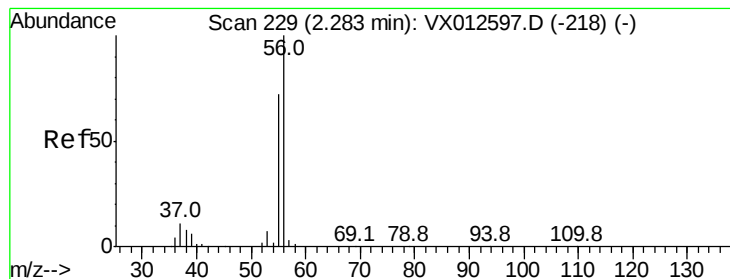
Tot Ion:142 Resp: 282
Ion Ratio Lower Upper
142 100
127 51.8 40.8 61.2
141 0.0 12.1 18.1#



#11
Tert butyl alcohol
Concen: 2.924 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX012831.D
Acq: 07 Oct 2019 12:21

Tgt Ion: 59 Resp: 1916
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 10.472 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX012831.D

Acq: 07 Oct 2019 12:21

Instrument :

MSVOA_X

ClientSampled :

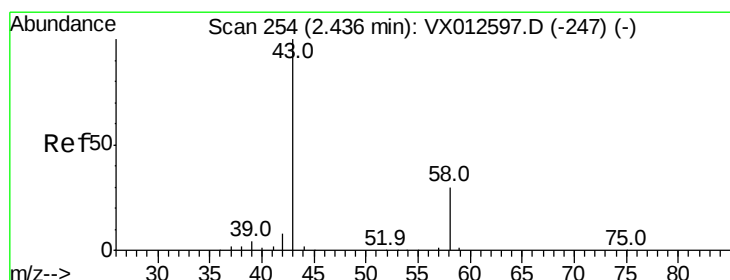
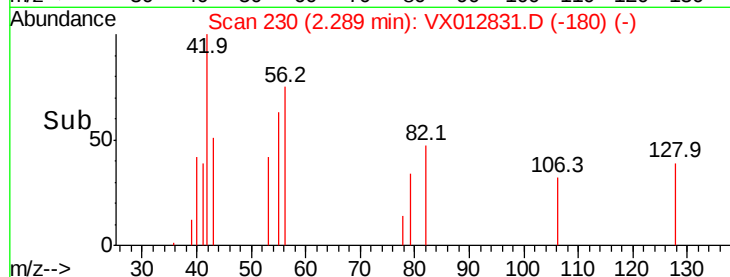
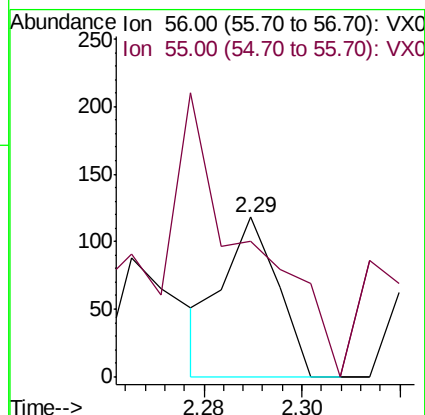
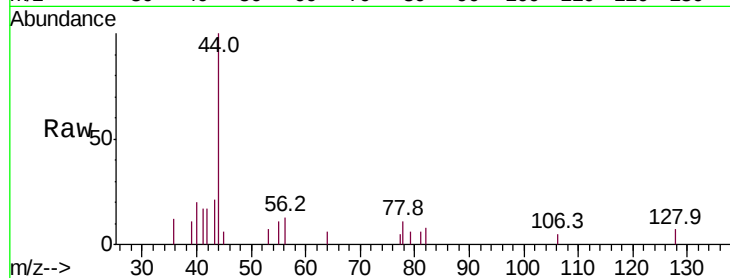
VX1007MBL01

Tot Ion: 56 Resp: 91

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#16

Acetone

Concen: 0.446 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX012831.D

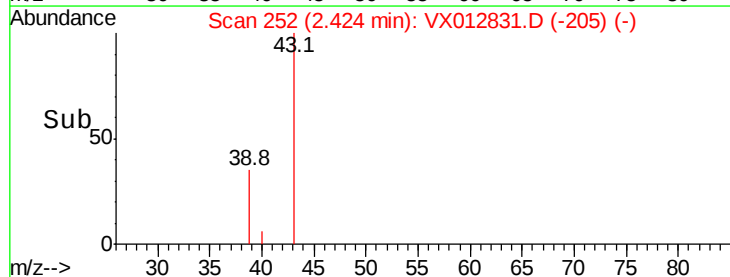
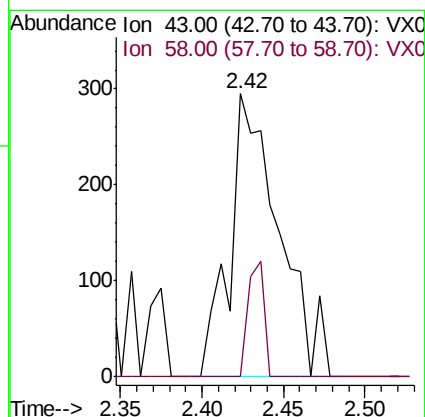
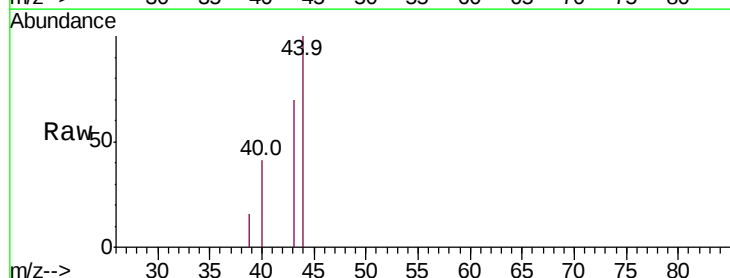
Acq: 07 Oct 2019 12:21

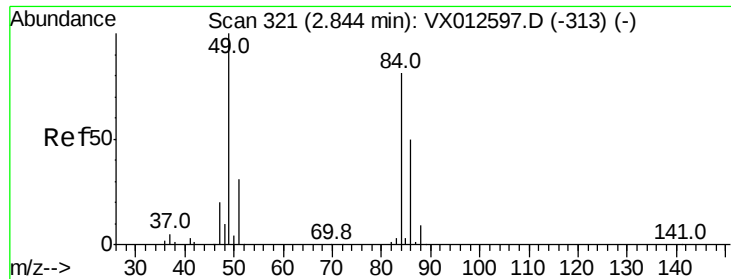
Tgt Ion: 43 Resp: 620

Ion Ratio Lower Upper

43 100

58 0.0 23.3 34.9#

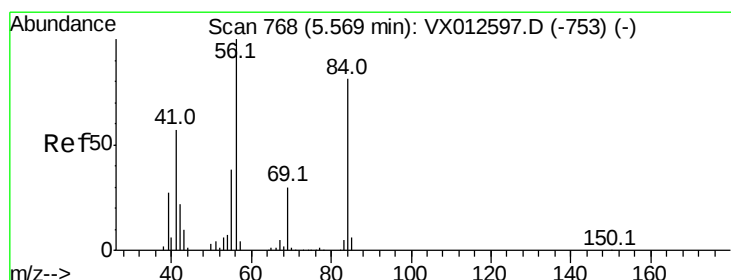
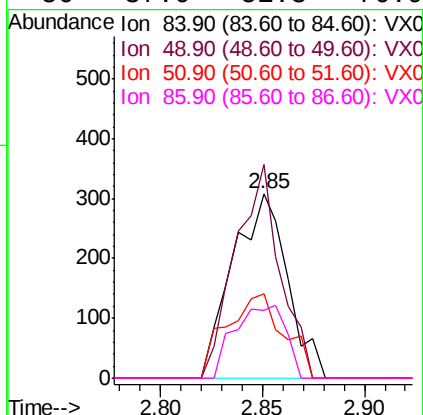
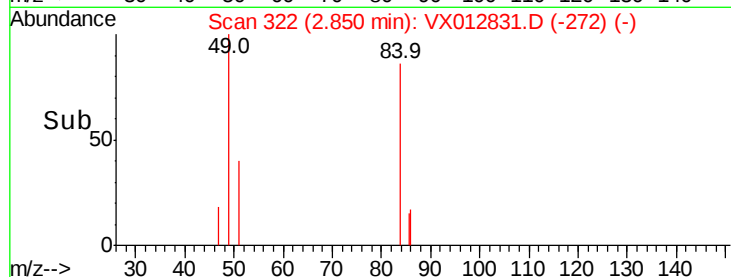
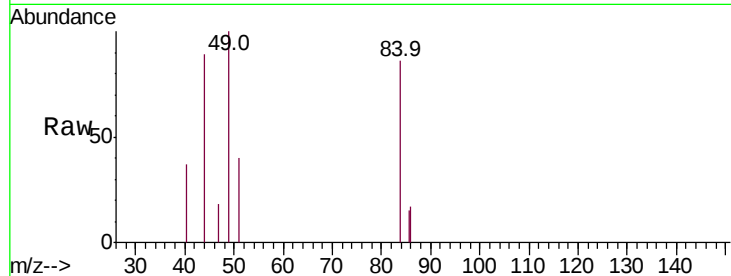




#20
Methvlene Chloride
Concen: 0.244 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012831.D
Acq: 07 Oct 2019 12:21

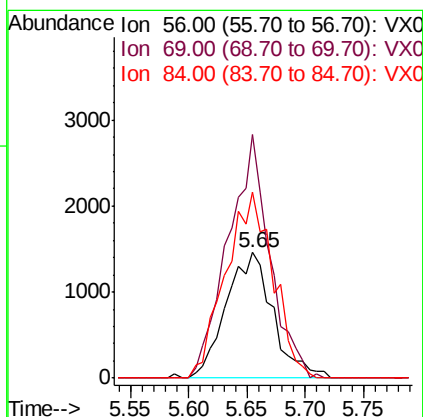
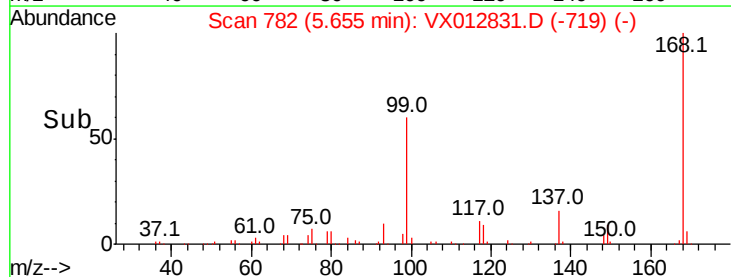
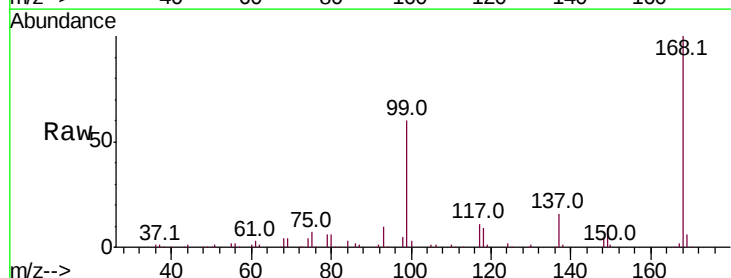
Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

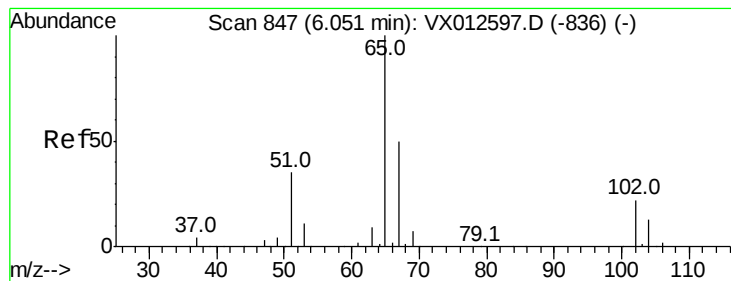
Tot Ion: 84 Resp: 573
Ion Ratio Lower Upper
84 100
49 115.9 106.8 160.2
51 46.1 32.3 48.5
86 37.0 51.3 76.9#



#31
Cyclohexane
Concen: 1.114 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX012831.D
Acq: 07 Oct 2019 12:21

Tgt Ion: 56 Resp: 4068
Ion Ratio Lower Upper
56 100
69 194.4 25.0 37.6#
84 148.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 45.566 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012831.D

Acq: 07 Oct 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

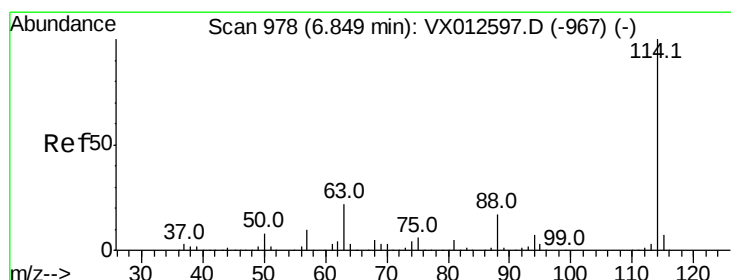
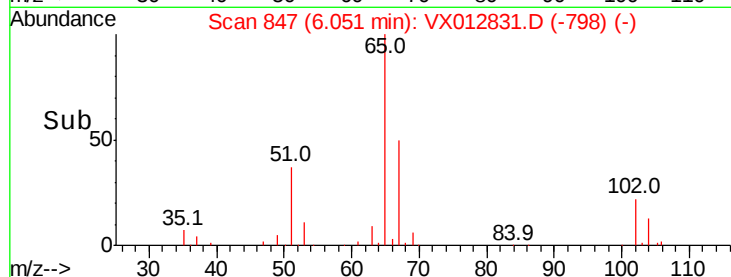
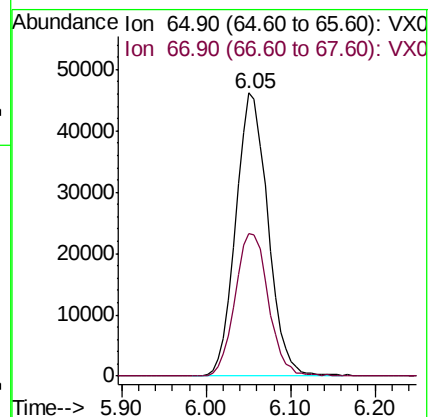
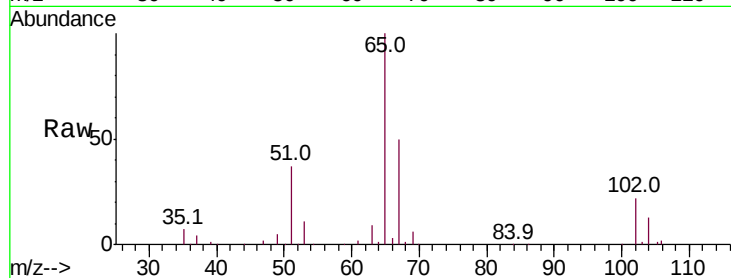
VX1007MBL01

Tot Ion: 65 Resp: 119512

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012831.D

Acq: 07 Oct 2019 12:21

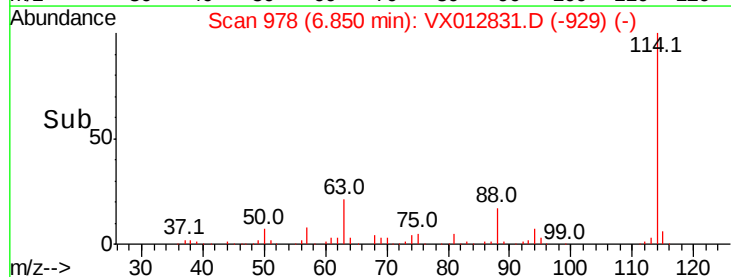
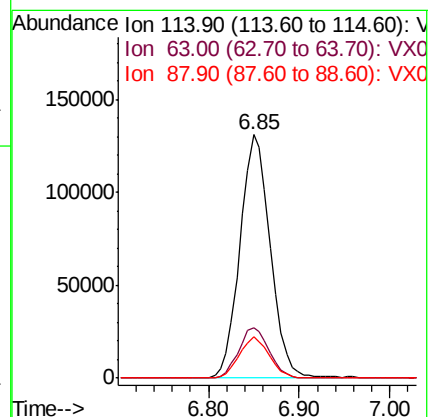
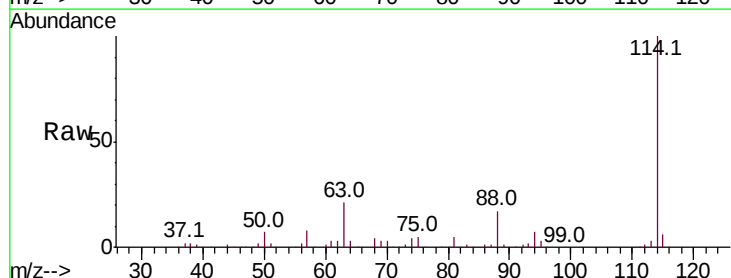
Tgt Ion: 114 Resp: 304585

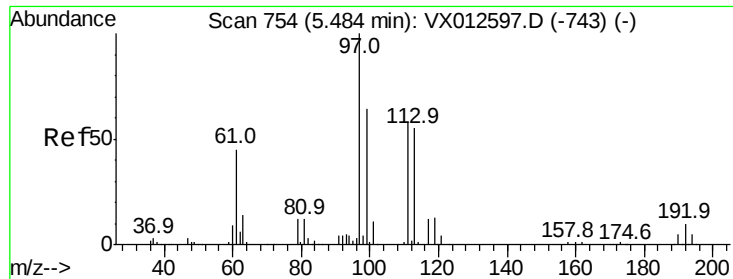
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.093 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012831.D

Acq: 07 Oct 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1007MBL01

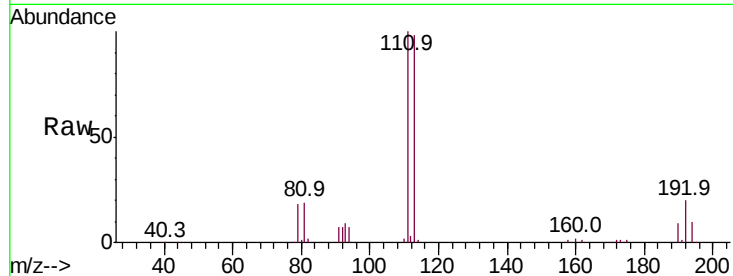
Tot Ion:113 Resp: 92679

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

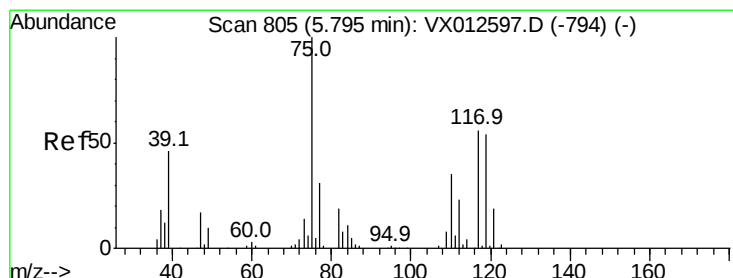
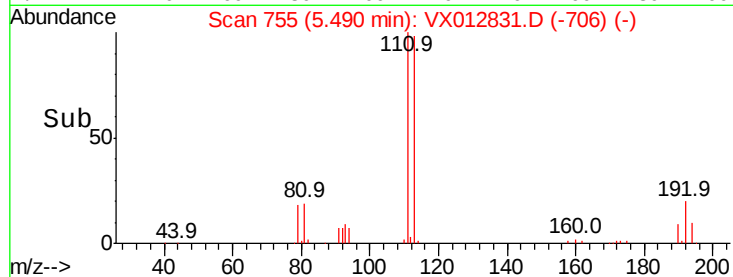
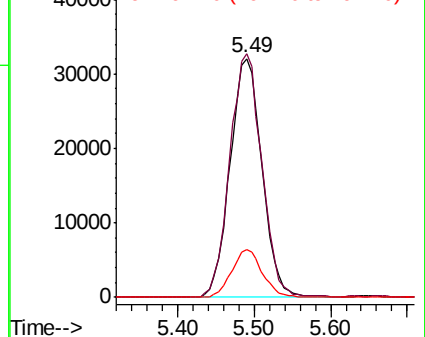
192 19.0 14.4 21.6



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: 4.904 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX012831.D

Acq: 07 Oct 2019 12:21

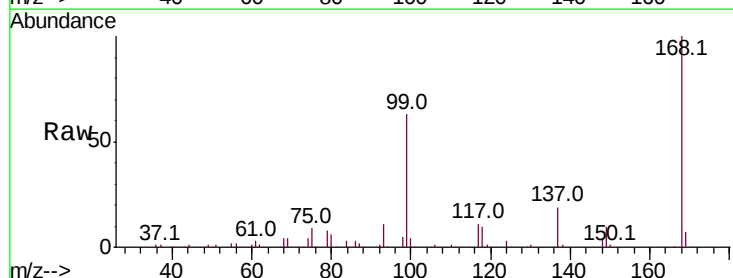
Tgt Ion: 75 Resp: 14398

Ion Ratio Lower Upper

75 100

110 5.3 16.7 50.0#

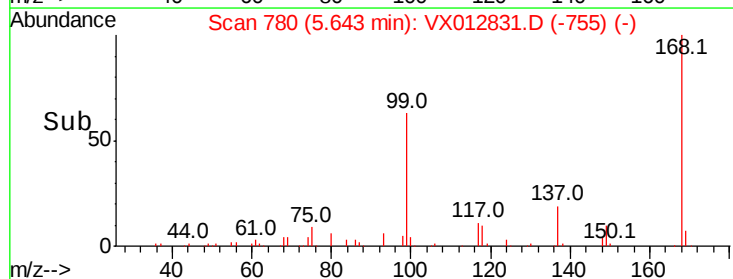
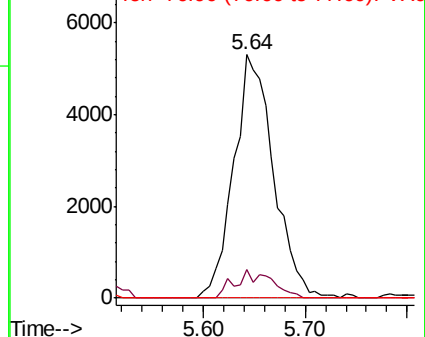
77 0.0 24.2 36.2#

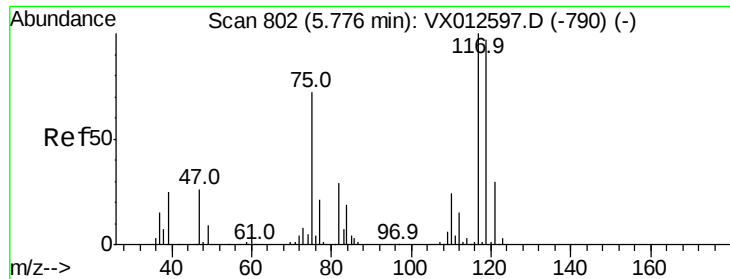


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.484 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX012831.D

Acq: 07 Oct 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1007MBL01

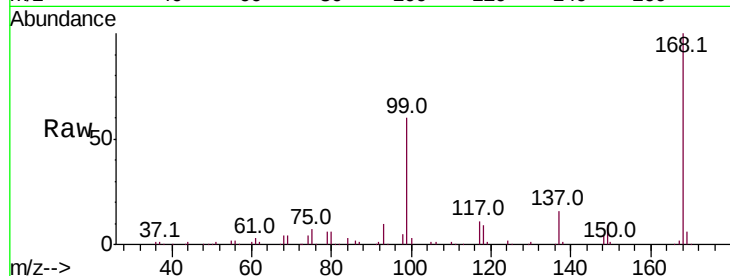
Tot Ion:117 Resp: 19338

Ion Ratio Lower Upper

117 100

119 4.7 75.7 113.5#

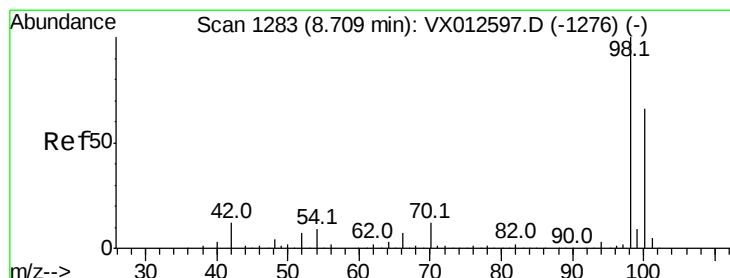
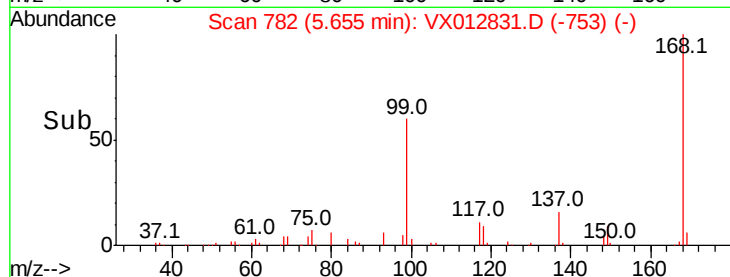
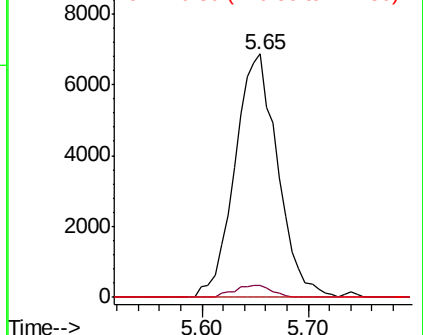
121 0.0 24.2 36.4#



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: 51.351 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012831.D

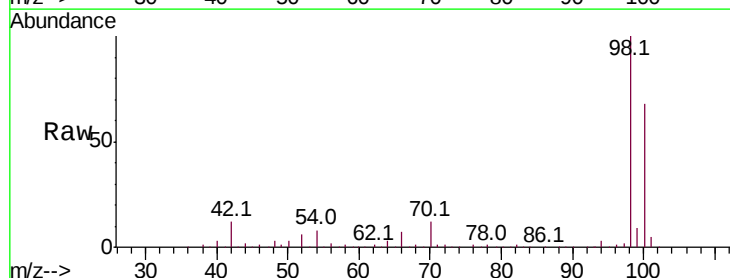
Acq: 07 Oct 2019 12:21

Tgt Ion: 98 Resp: 358717

Ion Ratio Lower Upper

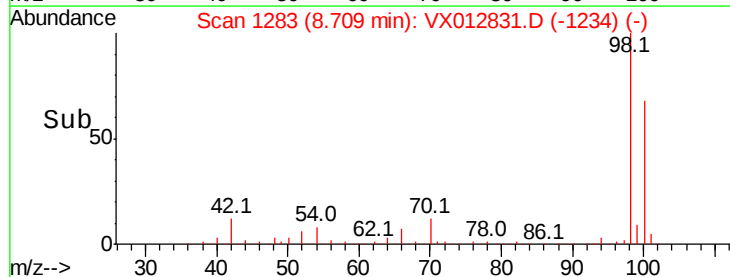
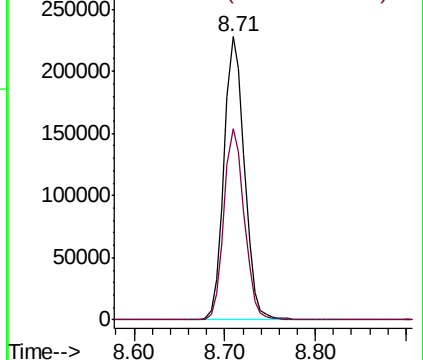
98 100

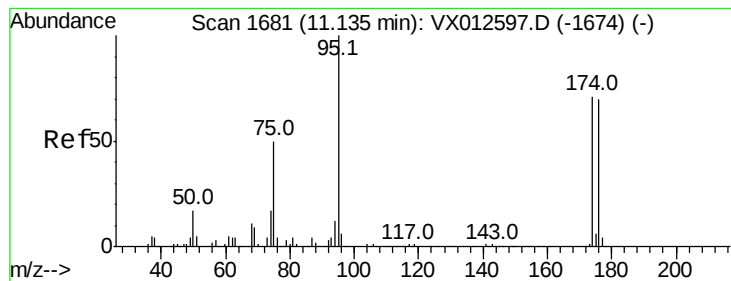
100 67.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.454 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012831.D

Acq: 07 Oct 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1007MBL01

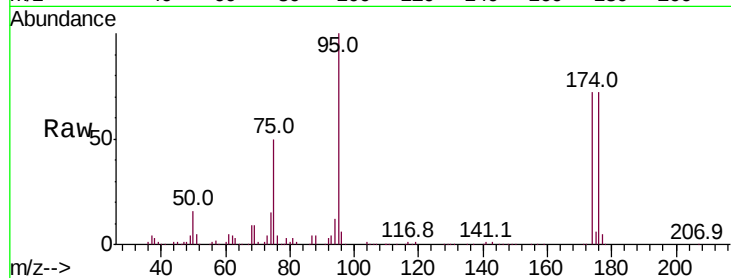
Tot Ion: 95 Resp: 116611

Ion Ratio Lower Upper

95 100

174 71.4 0.0 140.0

176 69.1 0.0 135.4

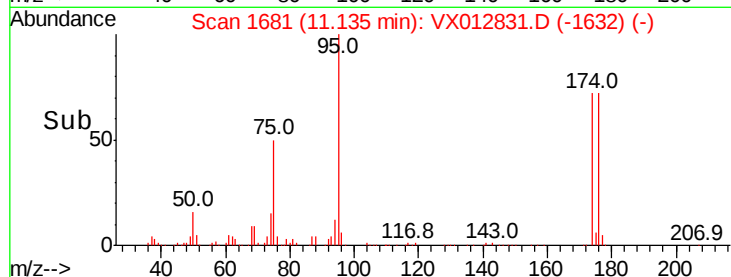


Abundance Ion 94.90 (94.60 to 95.60): VX012597.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012597.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012597.D (-1674) (-)

Time-->

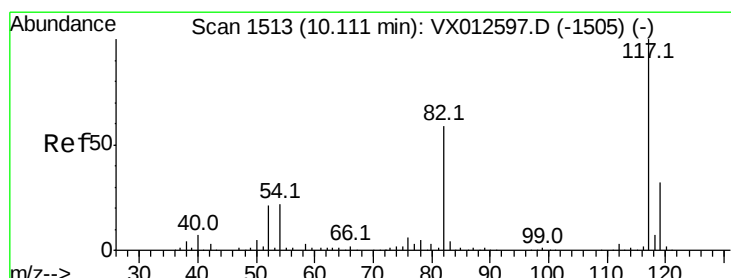


Abundance Ion 94.90 (94.60 to 95.60): VX012831.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012831.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012831.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012831.D

Acq: 07 Oct 2019 12:21

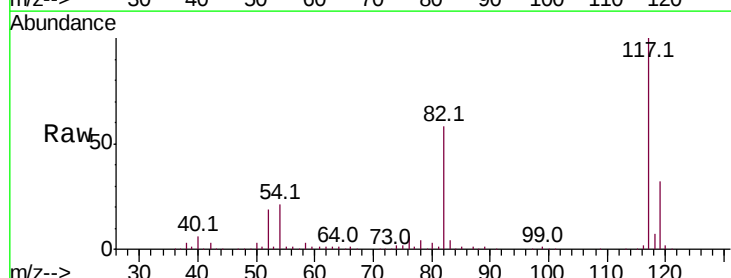
Tgt Ion: 117 Resp: 251108

Ion Ratio Lower Upper

117 100

82 58.1 45.9 68.9

119 32.3 25.3 37.9

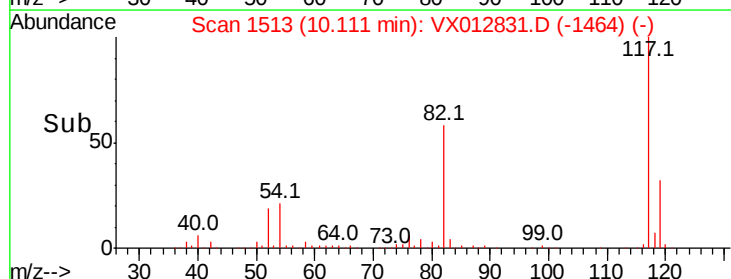


Abundance Ion 116.90 (116.60 to 117.60): VX012597.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012597.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012597.D (-1505) (-)

Time-->

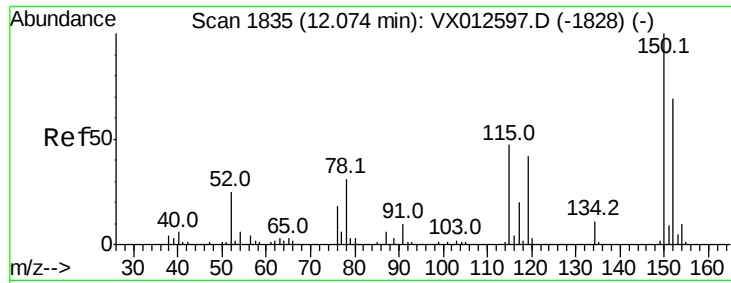


Abundance Ion 116.90 (116.60 to 117.60): VX012831.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012831.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012831.D (-1464) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012831.D

Acq: 07 Oct 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1007MBL01

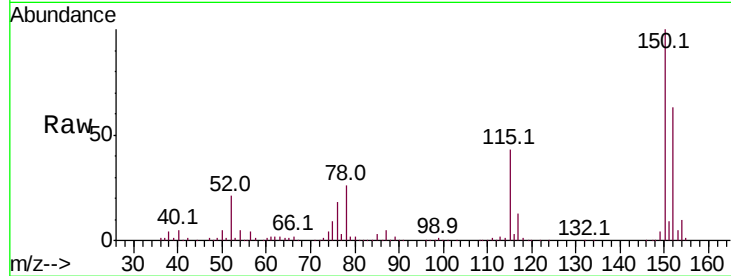
Tot Ion:152 Resp: 92987

Ion Ratio Lower Upper

152 100

115 65.3 44.1 132.3

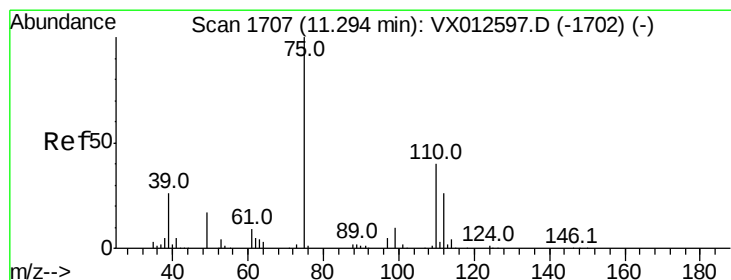
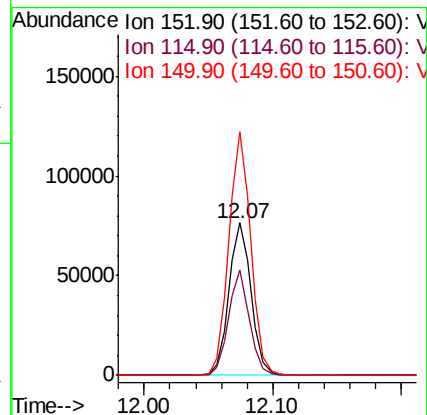
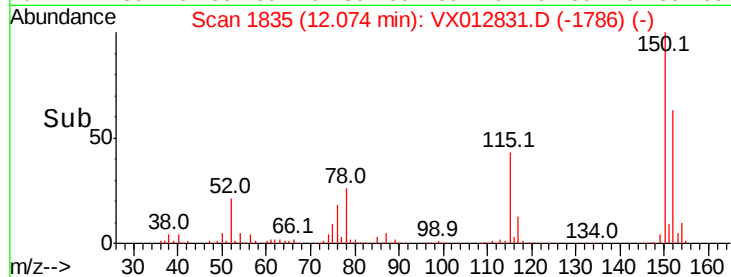
150 158.8 0.0 343.8



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: 24.152 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012831.D

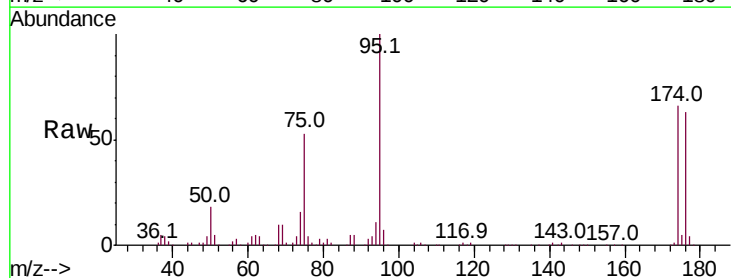
Acq: 07 Oct 2019 12:21

Tgt Ion: 75 Resp: 59408

Ion Ratio Lower Upper

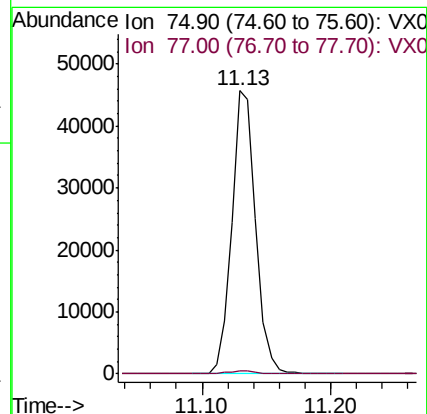
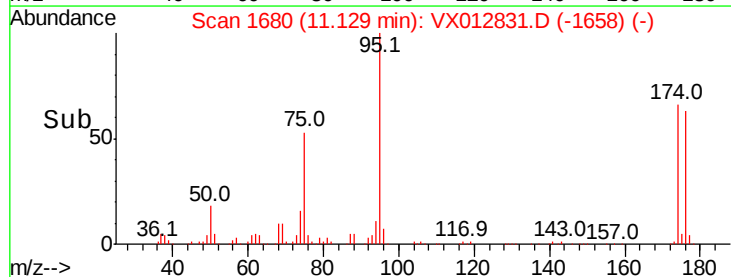
75 100

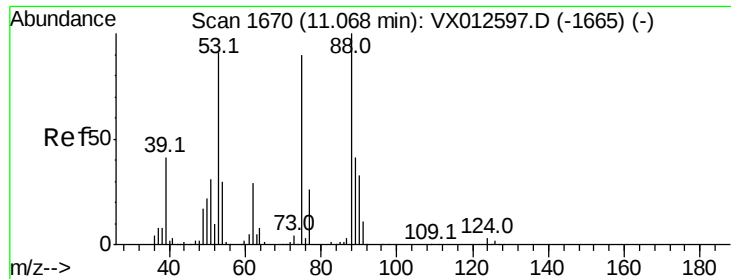
77 1.3 19.7 59.0#



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: 69.215 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012831.D

Acq: 07 Oct 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1007MBL01

Tot Ion: 75 Resp: 59408

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

89 0.0 36.3 54.5#

