

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019093.D
 Acq On : 23 Oct 2020 22:51
 Operator : JC/SP
 Sample : VX1023WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBL02

Quant Time: Oct 26 05:37:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	268309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	463150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	440394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220202	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	161748	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
35) Dibromofluoromethane	5.46	113	140198	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
50) Toluene-d8	8.70	98	569324	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.12	95	203847	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	

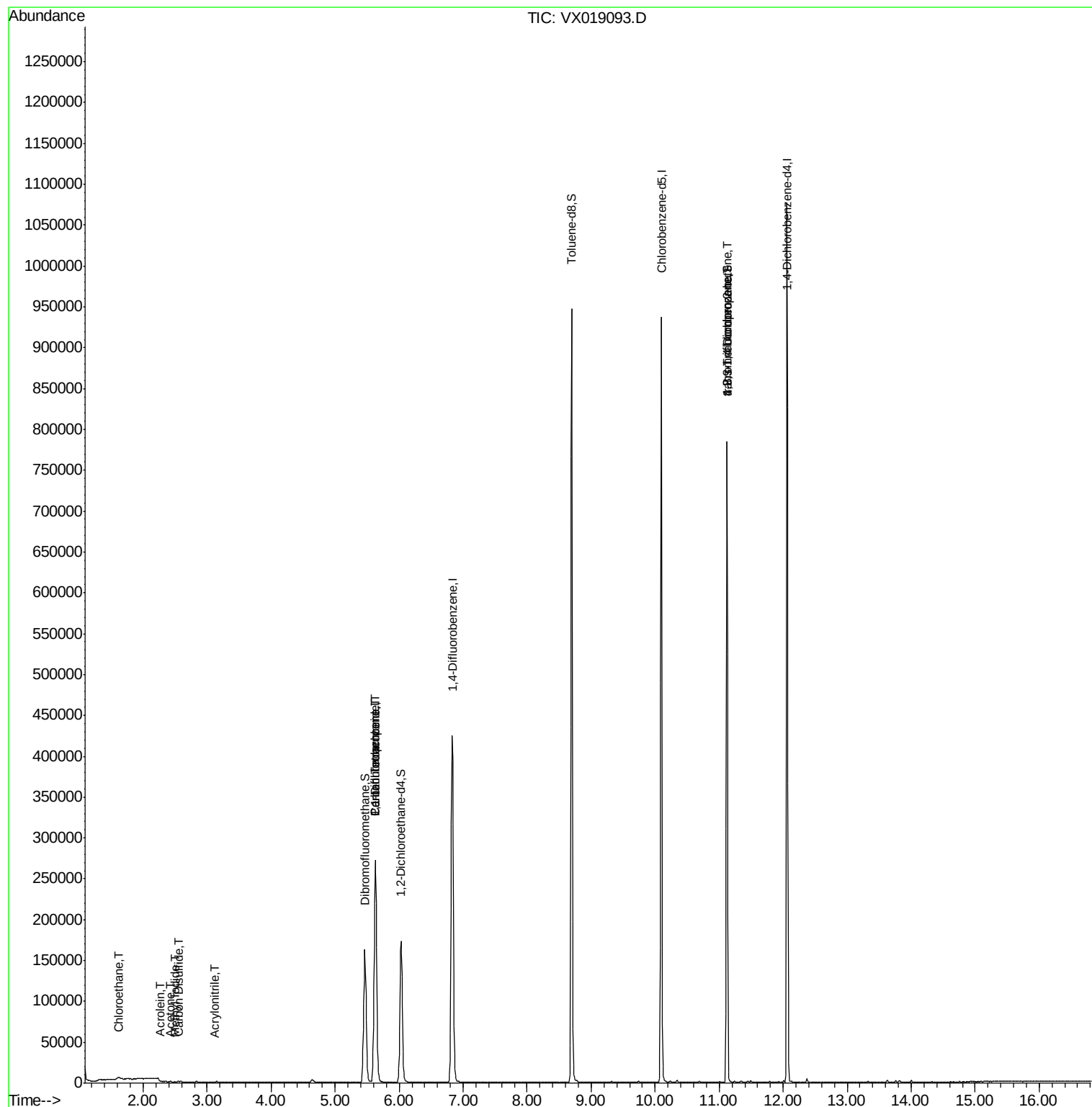
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	497	Below Cal		97
6) Chloroethane	1.62	64	20	1.280	ug/l #	43
10) Methyl Iodide	2.49	142	375	4.866	ug/l #	80
13) Acrolein	2.27	56	61	13.860	ug/l #	1
15) Acrylonitrile	3.12	53	331	0.263	ug/l #	81
16) Acetone	2.42	43	532	0.486	ug/l	94
17) Carbon Disulfide	2.56	76	1738	0.231	ug/l #	93
36) 1,1-Dichloropropene	5.62	75	20958	5.043	ug/l #	47
38) Carbon Tetrachloride	5.63	117	26120	5.988	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	98247	22.323	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	98247	56.873	ug/l #	15

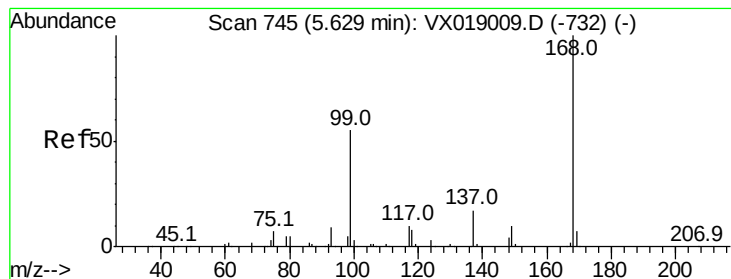
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102320\
Data File : VX019093.D
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Sample : VX1023WBL02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX1023WBL02

Quant Time: Oct 26 05:37:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019093.D

Acq: 23 Oct 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

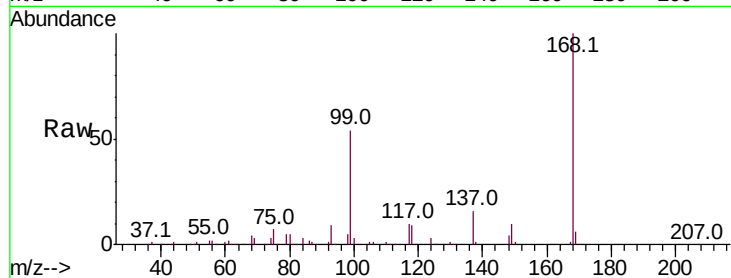
VX1023WBL02

Tot Ion:168 Resp: 268309

Ion Ratio Lower Upper

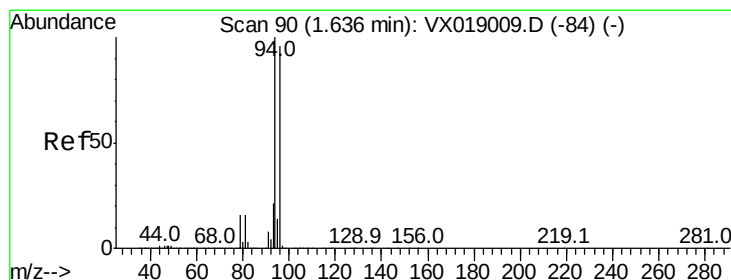
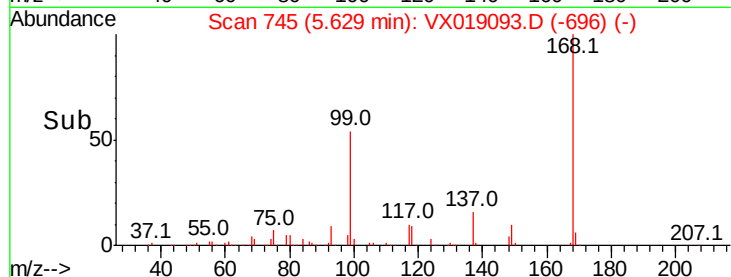
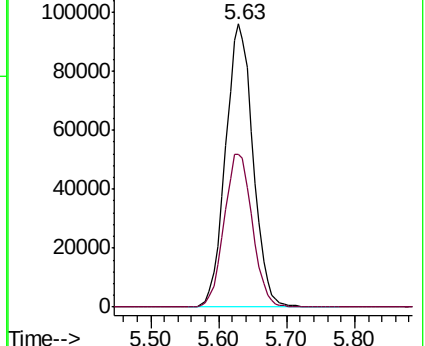
168 100

99 54.0 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019093.D

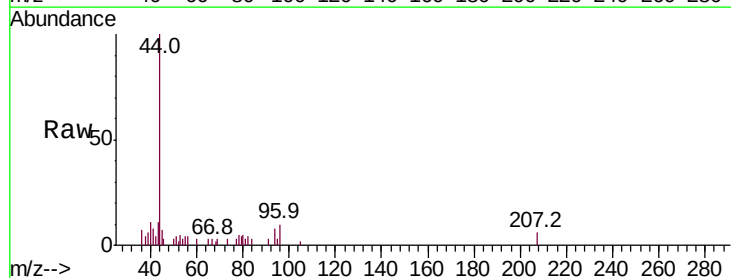
Acq: 23 Oct 2020 22:51

Tgt Ion: 94 Resp: 497

Ion Ratio Lower Upper

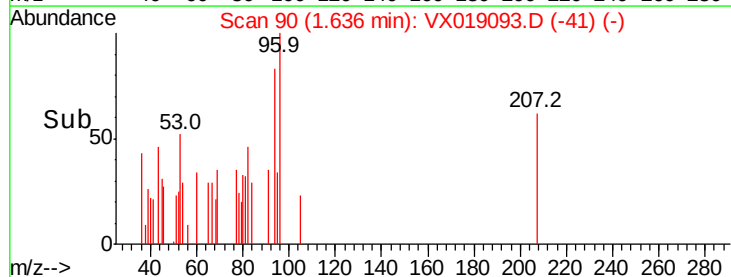
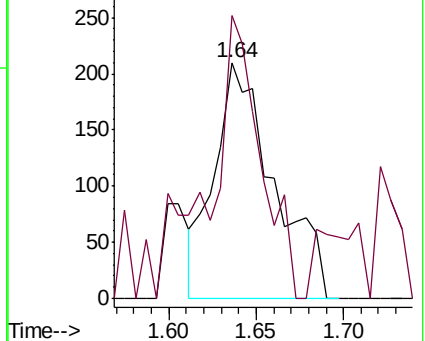
94 100

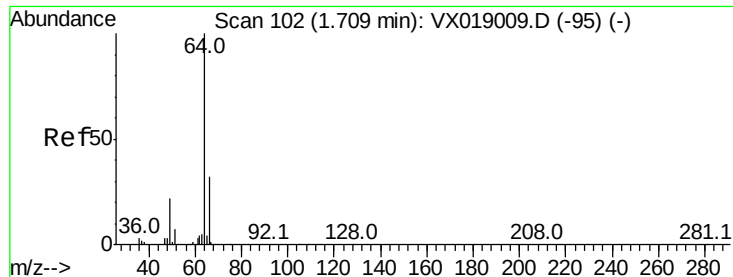
96 93.8 77.1 115.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 1.280 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.09 min

Lab File: VX019093.D

Acq: 23 Oct 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

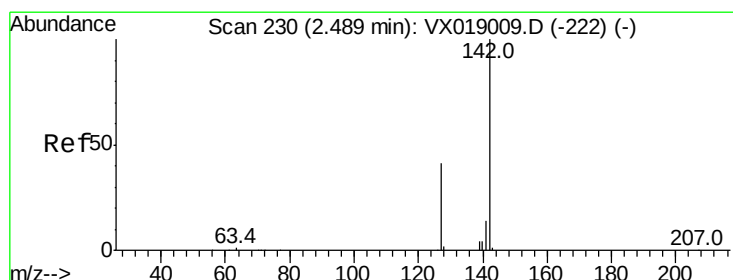
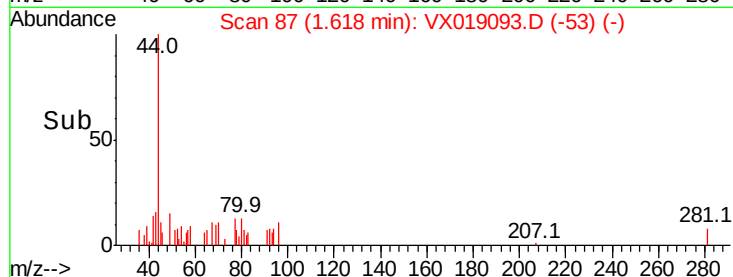
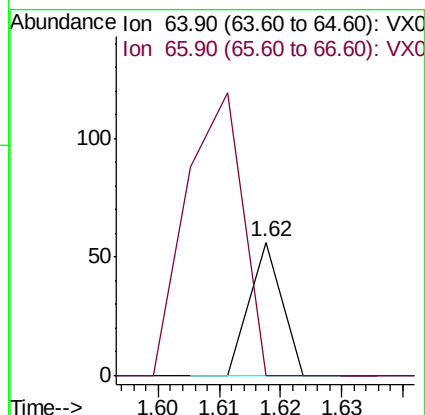
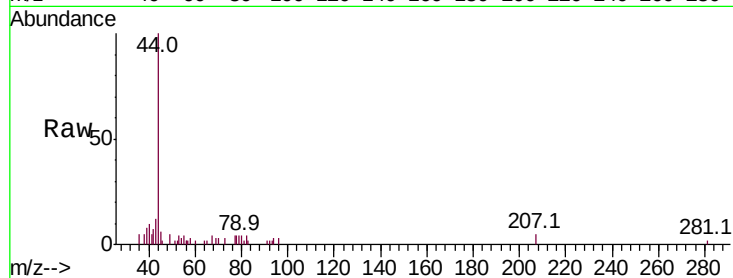
VX1023WBL02

Tot Ion: 64 Resp: 20

Ion Ratio Lower Upper

64 100

66 0.0 25.7 38.5#



#10

Methyl Iodide

Concen: 4.866 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019093.D

Acq: 23 Oct 2020 22:51

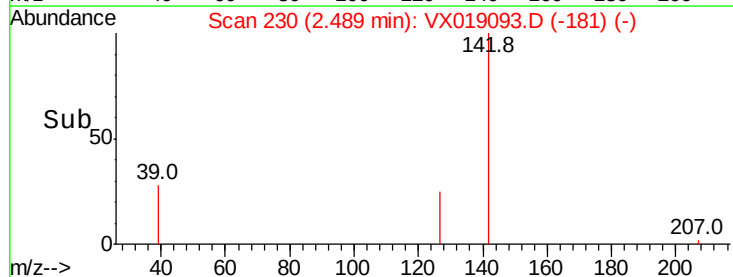
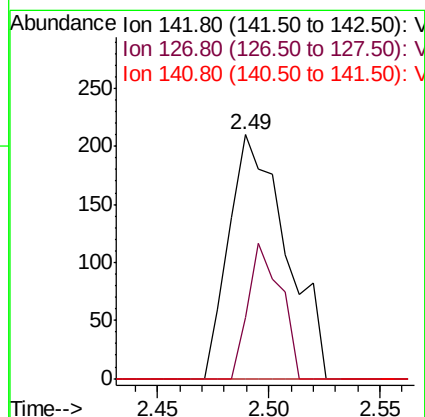
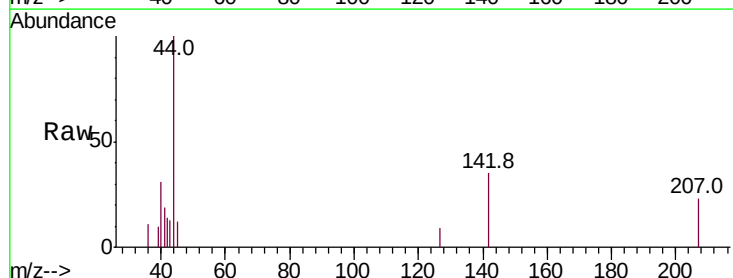
Tgt Ion: 142 Resp: 375

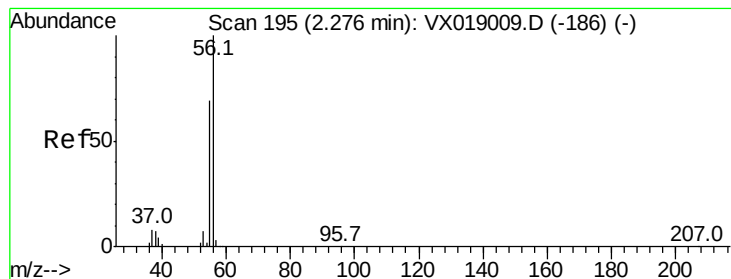
Ion Ratio Lower Upper

142 100

127 32.0 33.6 50.4#

141 0.0 11.2 16.8#





#13

Acrolein

Concen: 13.860 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019093.D

Acq: 23 Oct 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

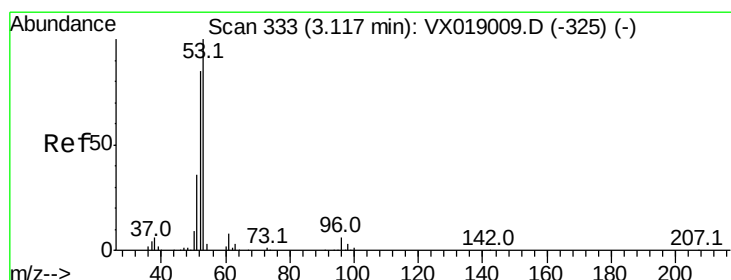
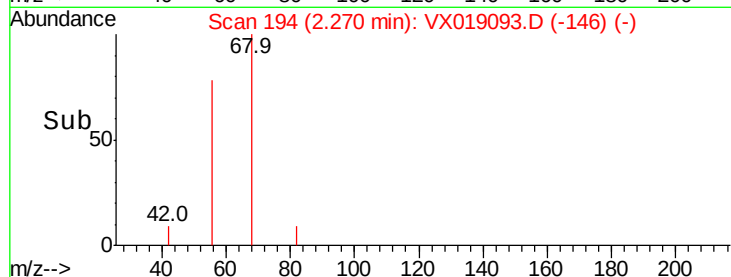
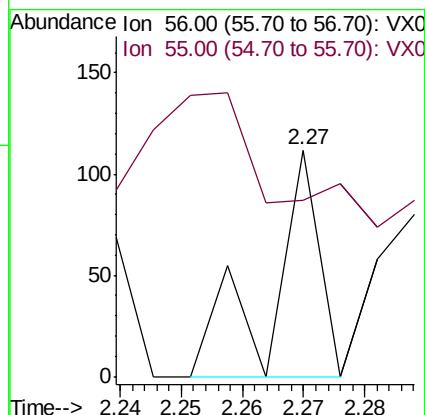
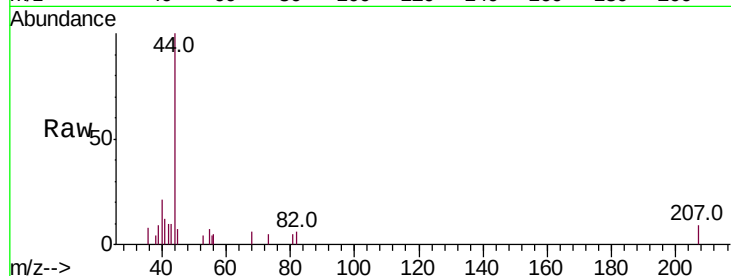
VX1023WBL02

Tot Ion: 56 Resp: 61

Ion Ratio Lower Upper

56 100

55 498.4 54.2 81.4#



#15

Acrylonitrile

Concen: 0.263 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019093.D

Acq: 23 Oct 2020 22:51

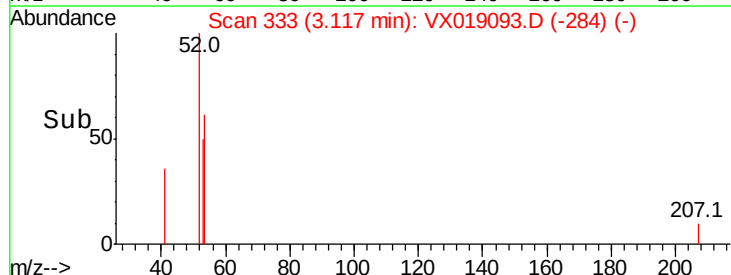
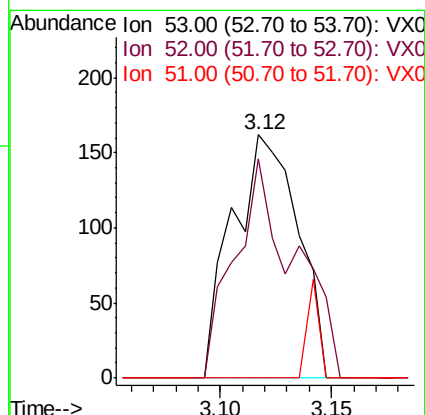
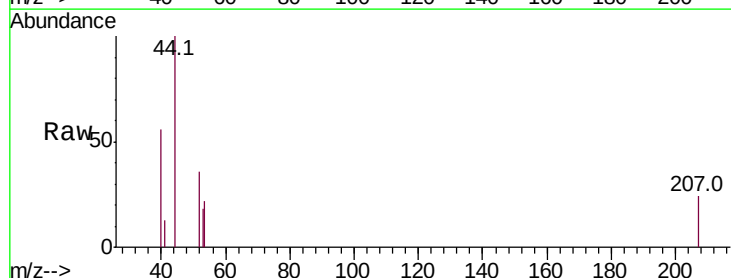
Tgt Ion: 53 Resp: 331

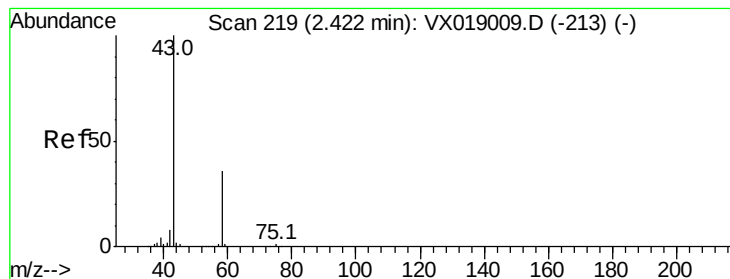
Ion Ratio Lower Upper

53 100

52 82.8 65.9 98.9

51 0.0 28.3 42.5#





#16

Acetone

Concen: 0.486 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019093.D

Acq: 23 Oct 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

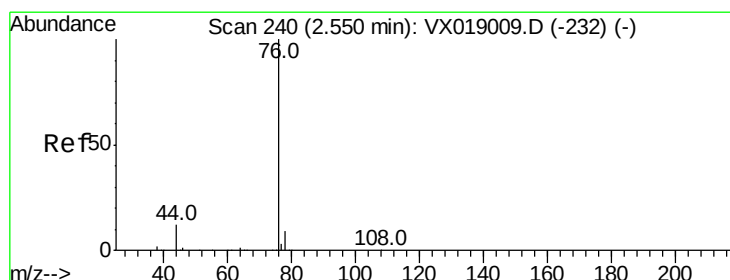
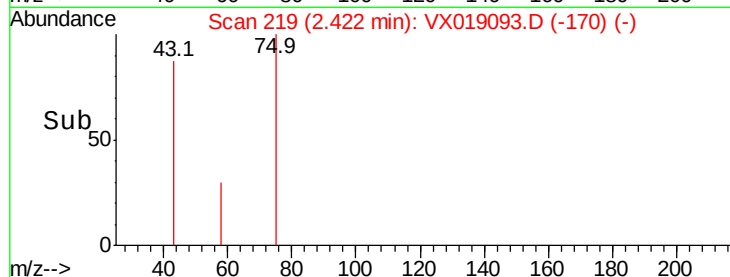
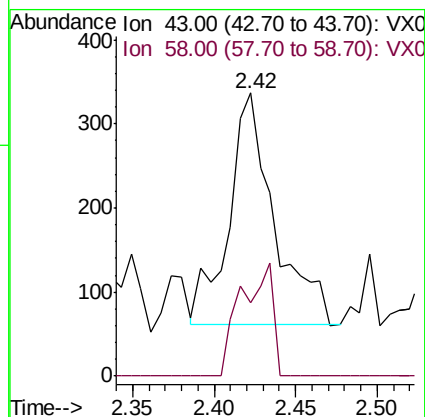
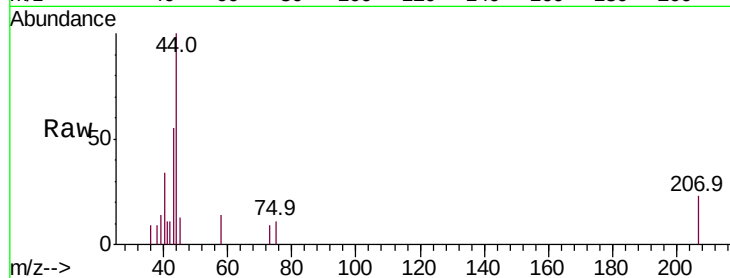
VX1023WBL02

Tot Ion: 43 Resp: 532

Ion Ratio Lower Upper

43 100

58 32.0 28.6 42.8



#17

Carbon Disulfide

Concen: 0.231 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX019093.D

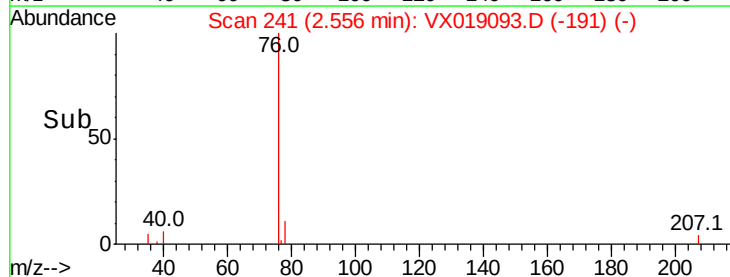
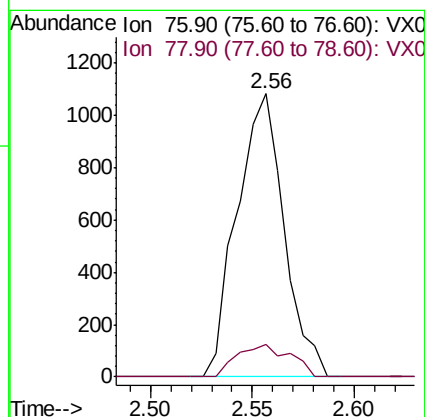
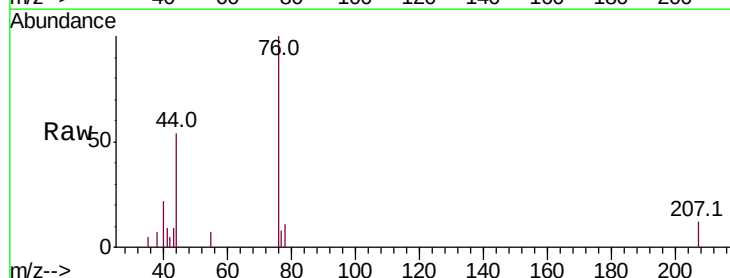
Acq: 23 Oct 2020 22:51

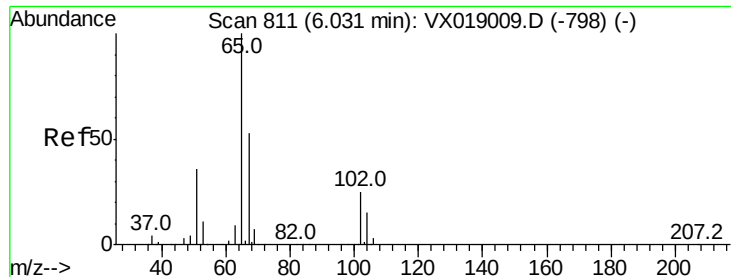
Tgt Ion: 76 Resp: 1738

Ion Ratio Lower Upper

76 100

78 11.5 7.1 10.7#

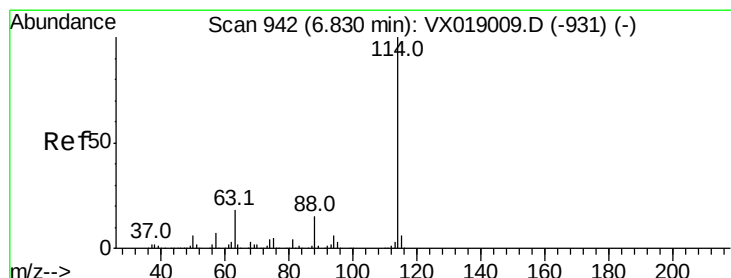
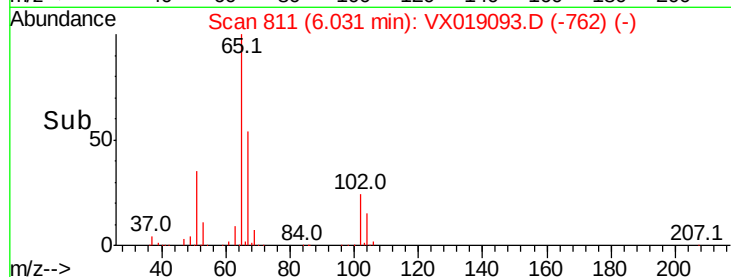
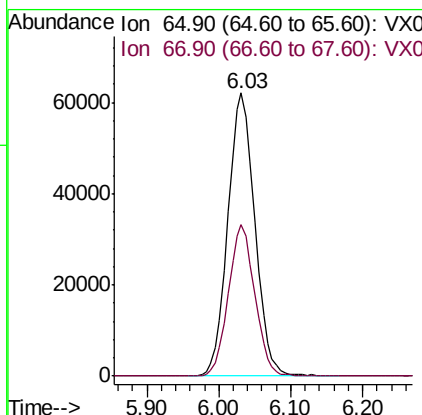
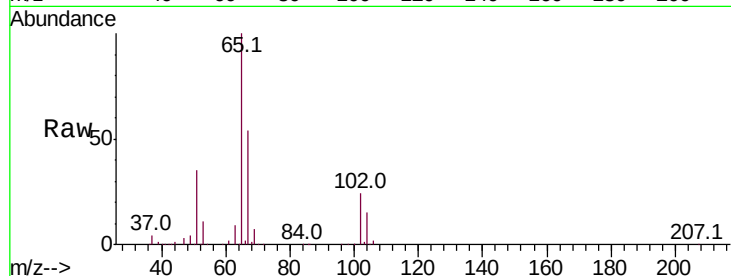




#33
 1,2-Dichloroethane-d4
 Concen: 50.327 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019093.D
 Acq: 23 Oct 2020 22:51

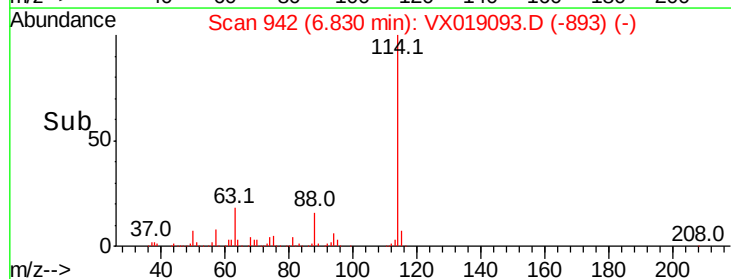
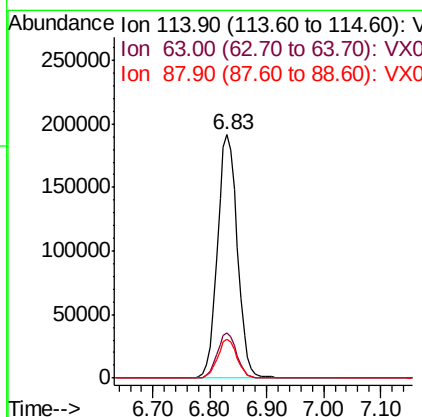
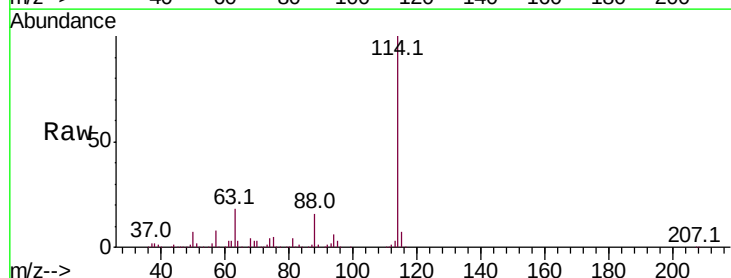
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBL02

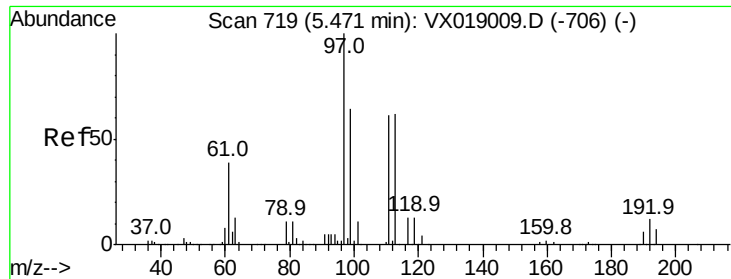
Tot Ion: 65 Resp: 161748
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019093.D
 Acq: 23 Oct 2020 22:51

Tgt Ion: 114 Resp: 463150
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 15.9 0.0 30.2

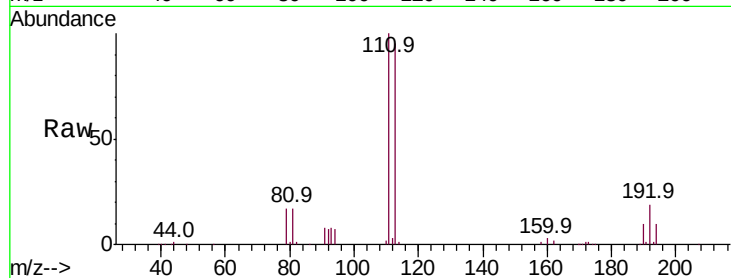




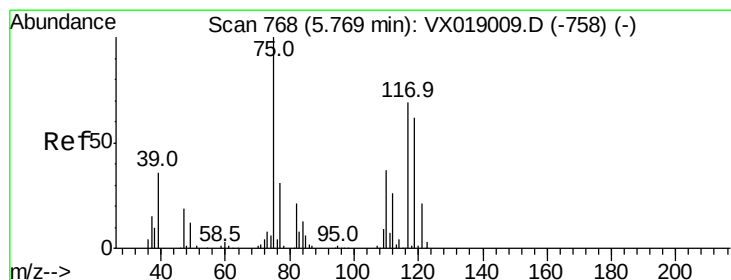
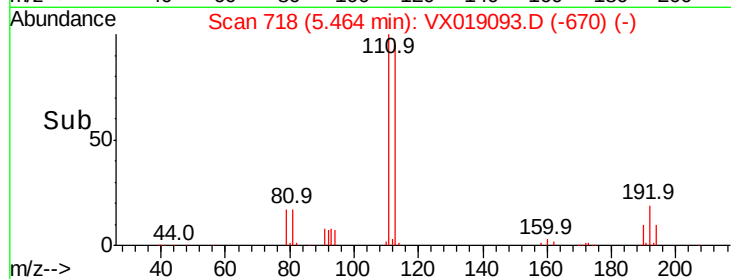
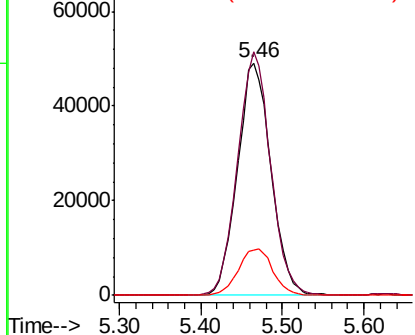
#35
 Dibromofluoromethane
 Concen: 47.811 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019093.D
 Acq: 23 Oct 2020 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBL02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	20.5	16.3	24.5

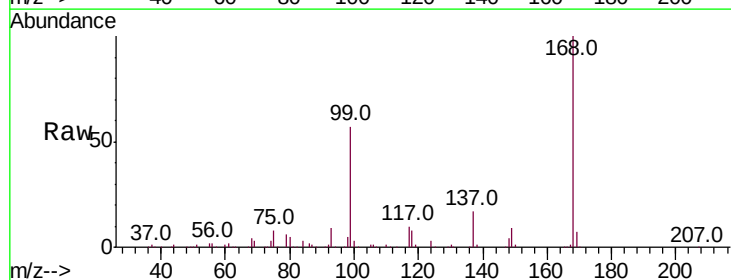


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

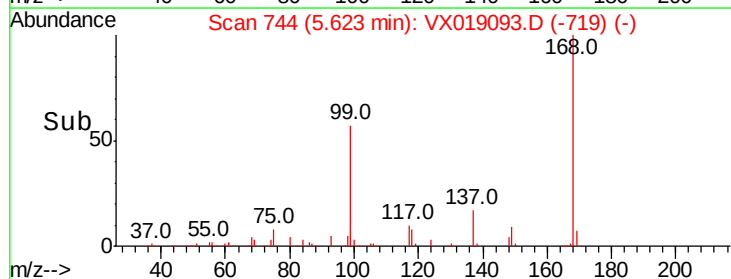
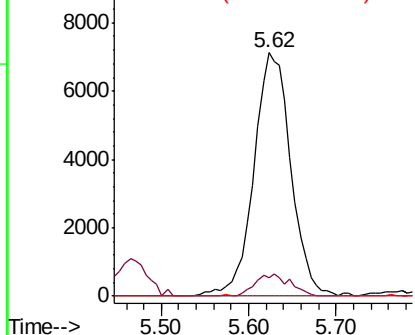


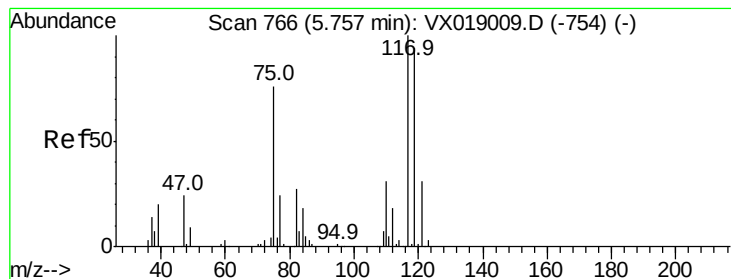
#36
 1,1-Dichloropropene
 Concen: 5.043 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX019093.D
 Acq: 23 Oct 2020 22:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.4	58.2#
77	0.0	25.2	37.8#



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: 5.988 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX019093.D

Acq: 23 Oct 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBL02

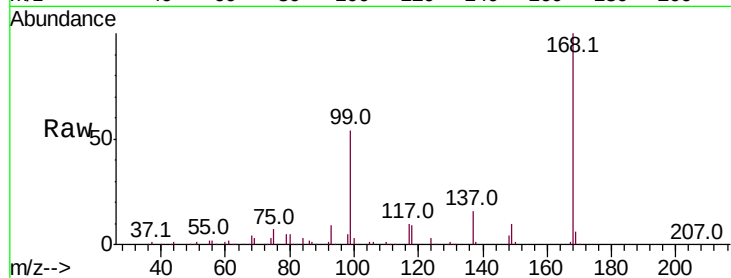
Tot Ion:117 Resp: 26120

Ion Ratio Lower Upper

117 100

119 4.3 75.4 113.0#

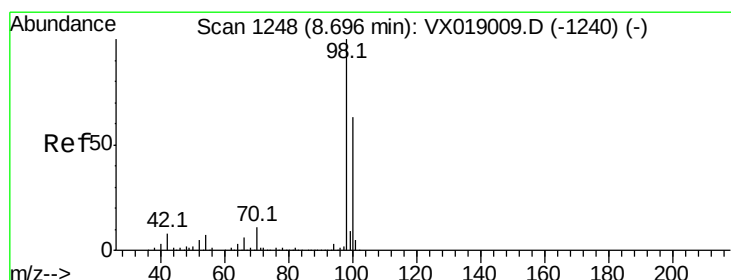
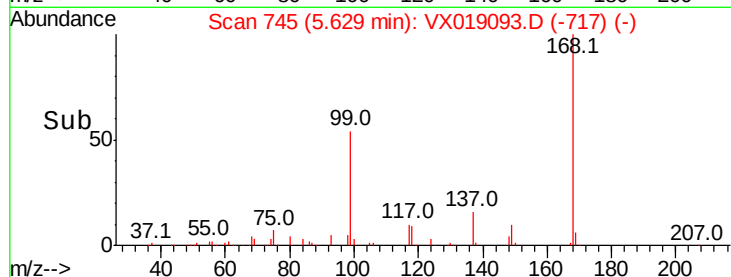
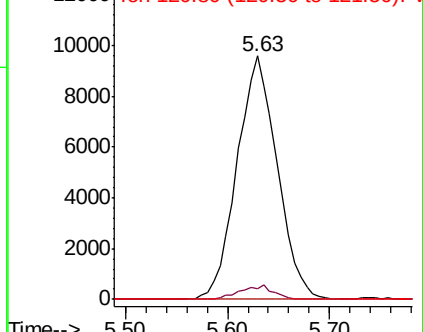
121 0.0 25.0 37.6#



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: 50.878 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019093.D

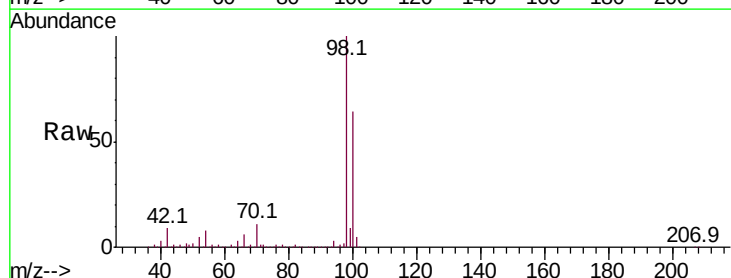
Acq: 23 Oct 2020 22:51

Tgt Ion: 98 Resp: 569324

Ion Ratio Lower Upper

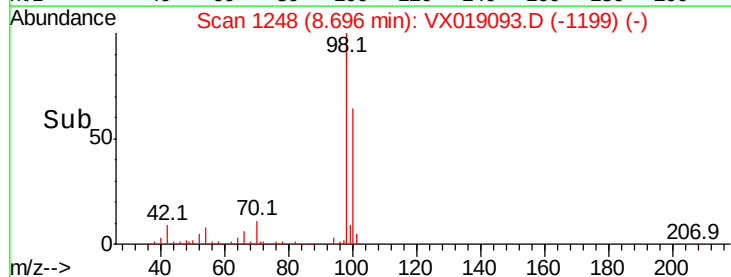
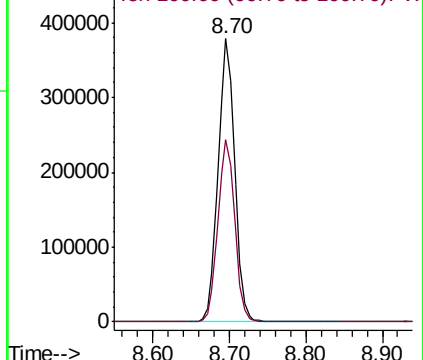
98 100

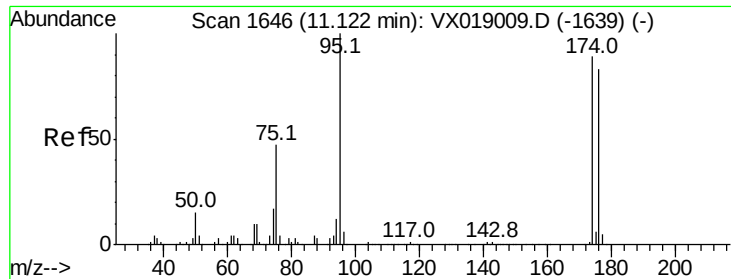
100 65.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

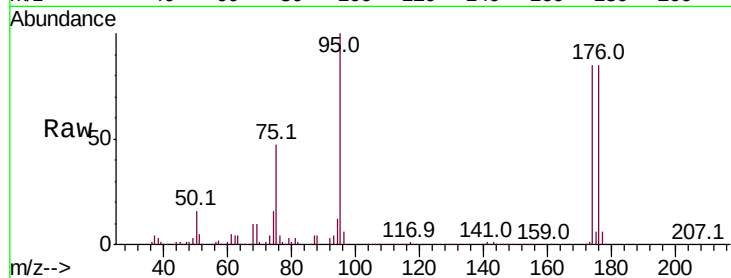




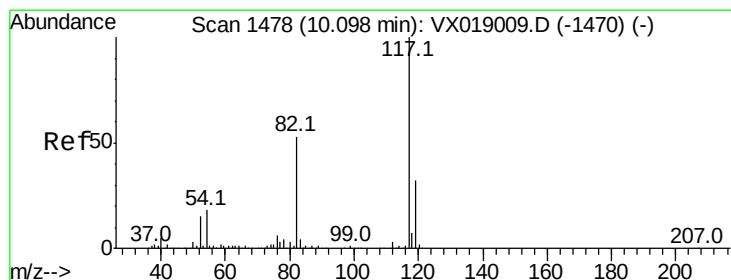
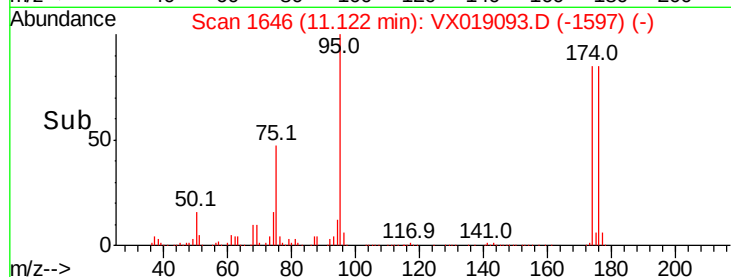
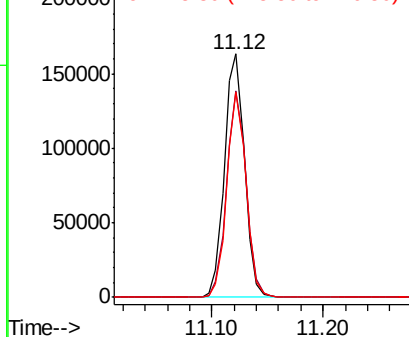
#62
4-Bromofluorobenzene
Concen: 51.214 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019093.D
Acq: 23 Oct 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL02

Tot Ion: 95 Resp: 203847
Ion Ratio Lower Upper
95 100
174 82.5 0.0 167.6
176 80.8 0.0 165.2

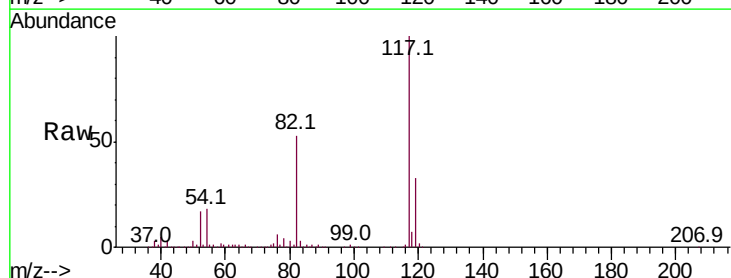


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

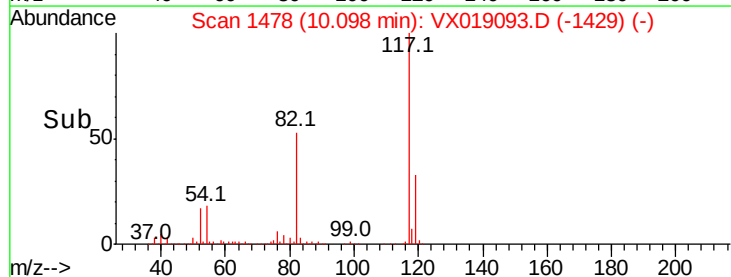
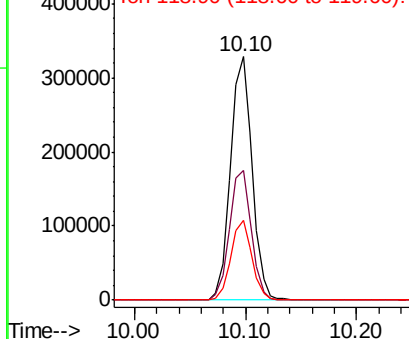


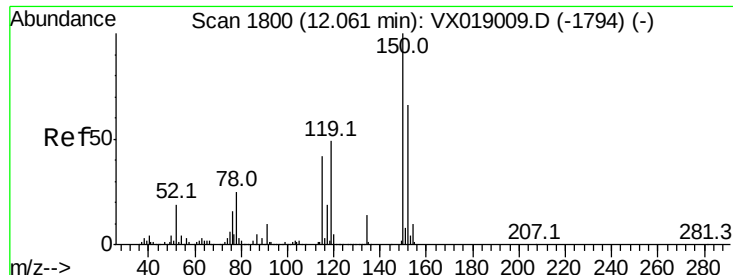
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019093.D
Acq: 23 Oct 2020 22:51

Tgt Ion: 117 Resp: 440394
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.7 25.6 38.4



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: VX019093.D

Acq: 23 Oct 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBL02

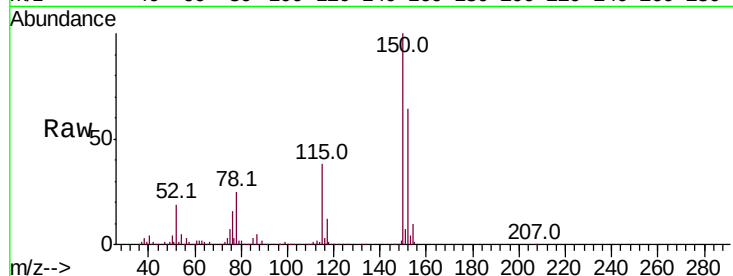
Tot Ion:152 Resp: 220202

Ion Ratio Lower Upper

152 100

115 58.3 40.8 122.5

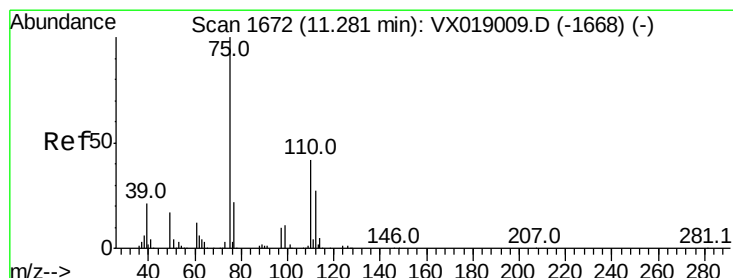
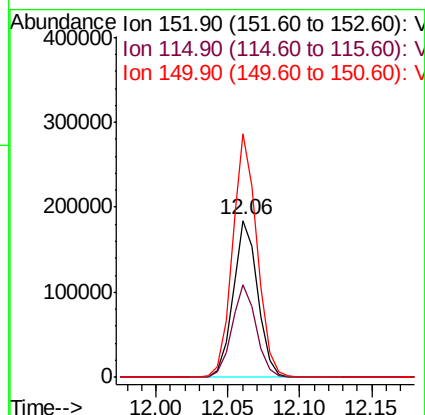
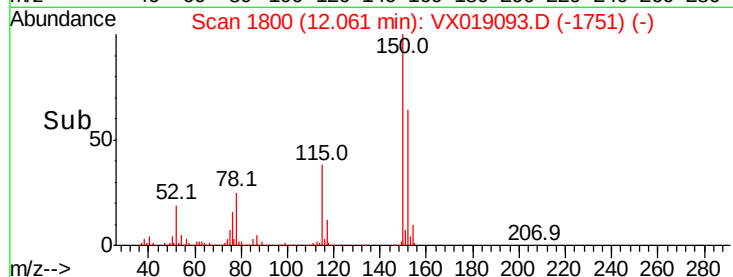
150 154.5 0.0 345.6



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: 22.323 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019093.D

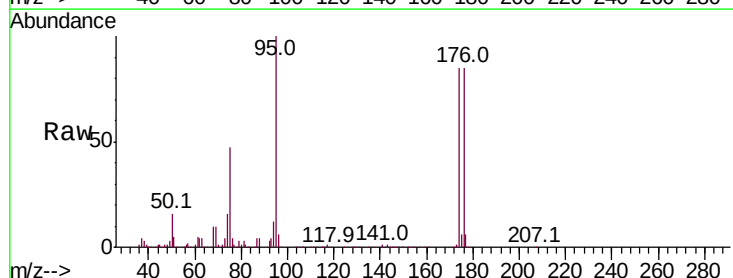
Acq: 23 Oct 2020 22:51

Tgt Ion: 75 Resp: 98247

Ion Ratio Lower Upper

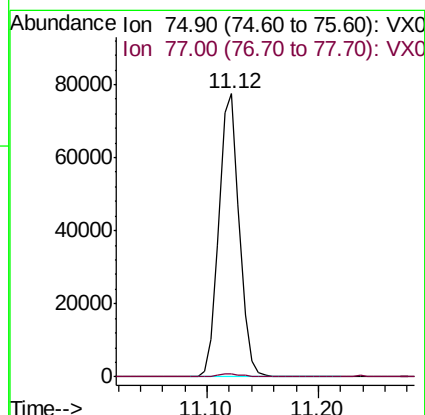
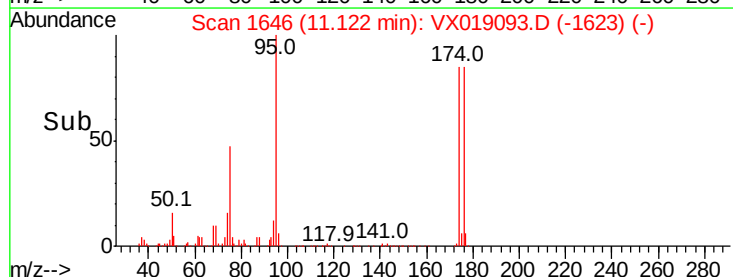
75 100

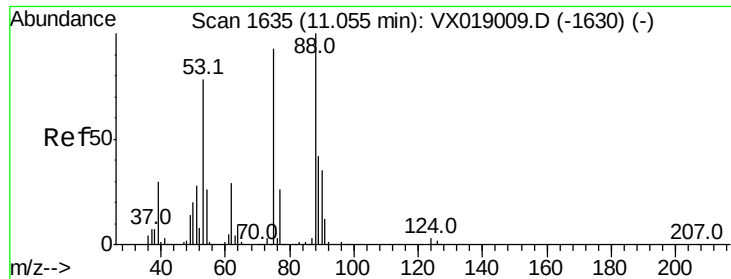
77 1.2 20.7 62.1#



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: 56.873 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019093.D

Acq: 23 Oct 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBL02

Tot Ion: 75 Resp: 98247

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 37.2 55.8#

