

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019246.D
 Acq On : 03 Nov 2020 20:24
 Operator : JC/MD
 Sample : L4600-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-23

Quant Time: Nov 04 02:25:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	317734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	561511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	556114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	291445	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	215547	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	
35) Dibromofluoromethane	5.46	113	171031	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
50) Toluene-d8	8.70	98	712585	53.59	ug/l	0.00
Spiked Amount			Recovery	=	107.18%	
62) 4-Bromofluorobenzene	11.12	95	276514	54.92	ug/l	0.00
Spiked Amount			Recovery	=	109.84%	

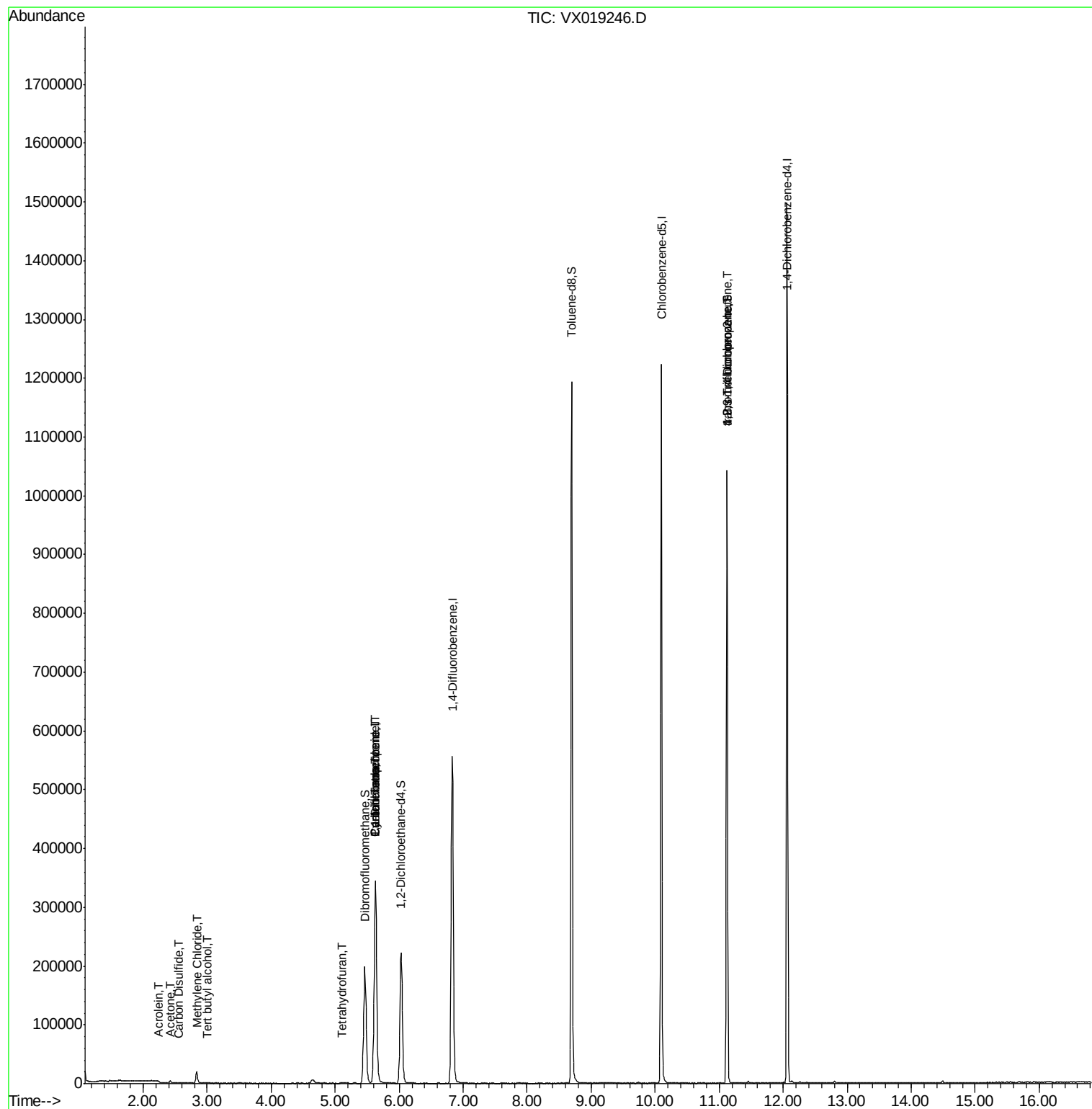
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	839	1.037	ug/l #	72
13) Acrolein	2.23	56	106	5.934	ug/l #	71
16) Acetone	2.42	43	3930	2.780	ug/l	95
17) Carbon Disulfide	2.55	76	462	0.812	ug/l #	76
20) Methylene Chloride	2.84	84	9240	2.604	ug/l	92
29) Tetrahydrofuran	5.11	42	1315	0.937	ug/l #	60
31) Cyclohexane	5.63	56	6934	1.339	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	26297	5.072	ug/l #	49
38) Carbon Tetrachloride	5.63	117	33334	6.307	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	141722	23.551	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	141722	62.009	ug/l #	12

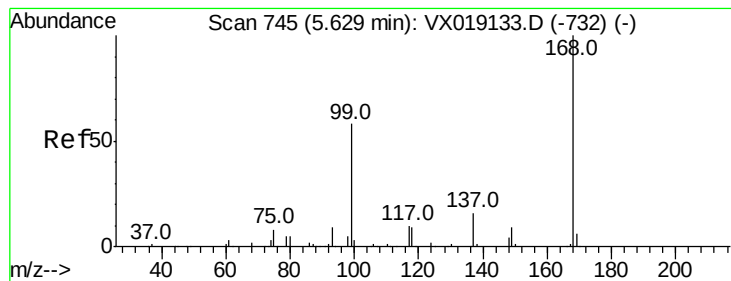
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110420\
Data File : VX019246.D
Acq On : 03 Nov 2020 20:24
Operator : JC/MD
Sample : L4600-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CRT-23

Quant Time: Nov 04 02:25:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 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: VX019246.D

Acq: 03 Nov 2020 20:24

Instrument :

MSVOA_X

ClientSampled :

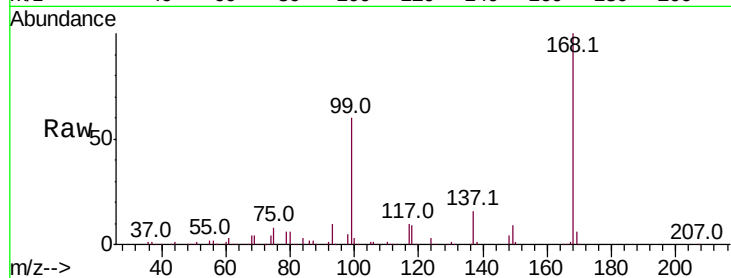
CRT-23

Tot Ion:168 Resp: 317734

Ion Ratio Lower Upper

168 100

99 60.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

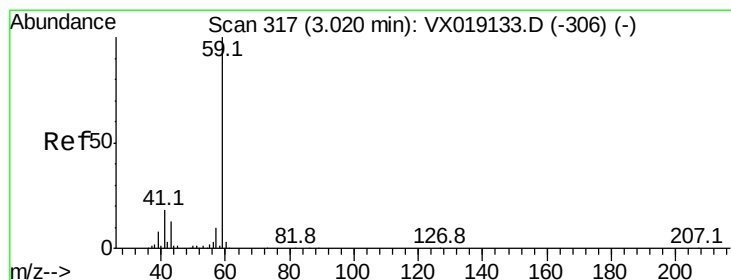
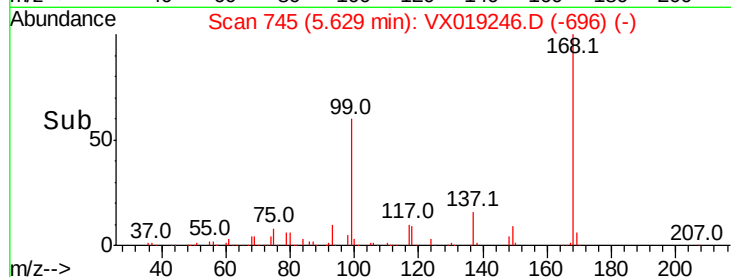
5.63

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.037 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX019246.D

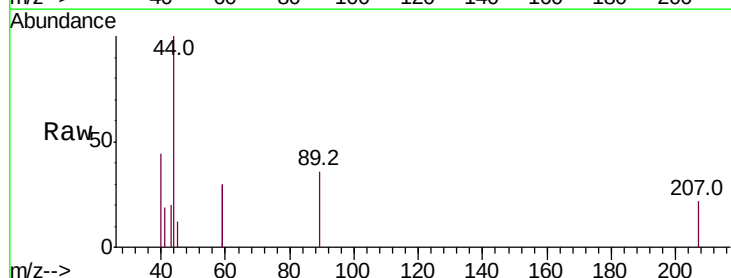
Acq: 03 Nov 2020 20:24

Tgt Ion: 59 Resp: 839

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

300

250

200

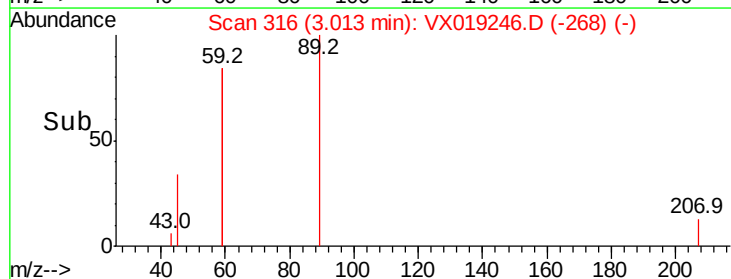
150

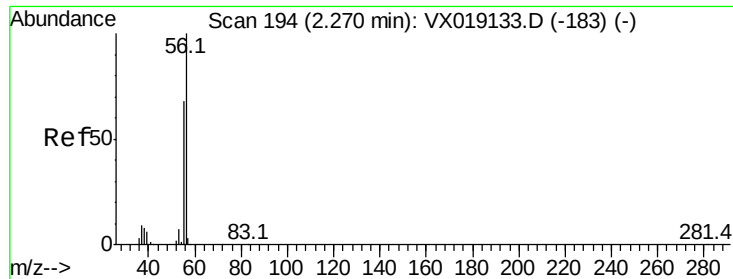
100

50

0

Time-->





#13

Acrolein

Concen: 5.934 ug/l

RT: 2.23 min Scan# 187

Delta R.T. -0.04 min

Lab File: VX019246.D

Acq: 03 Nov 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

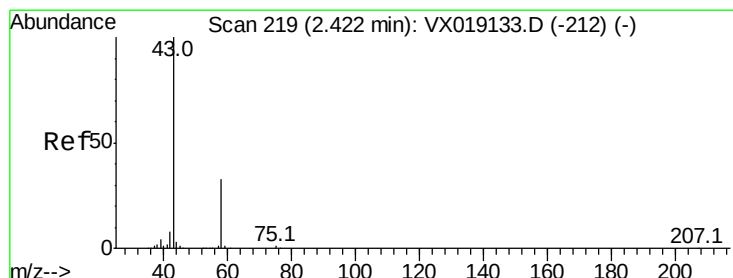
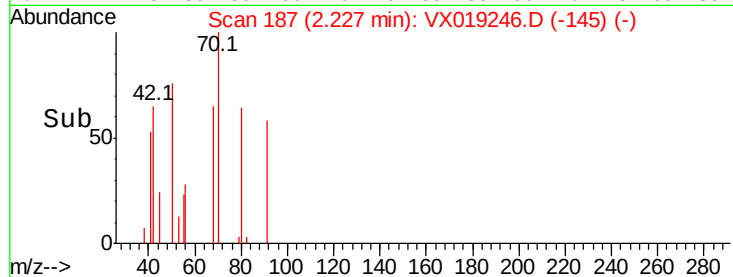
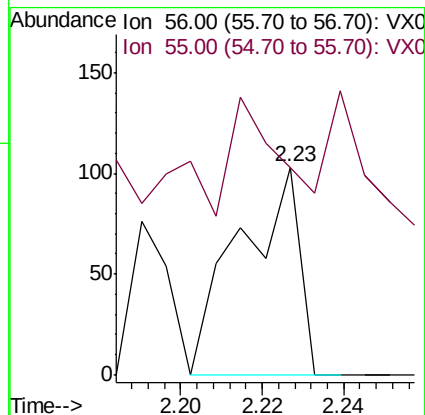
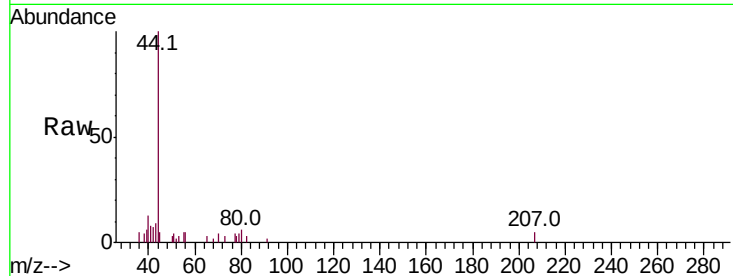
CRT-23

Tot Ion: 56 Resp: 106

Ion Ratio Lower Upper

56 100

55 45.3 54.7 82.1#



#16

Acetone

Concen: 2.780 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019246.D

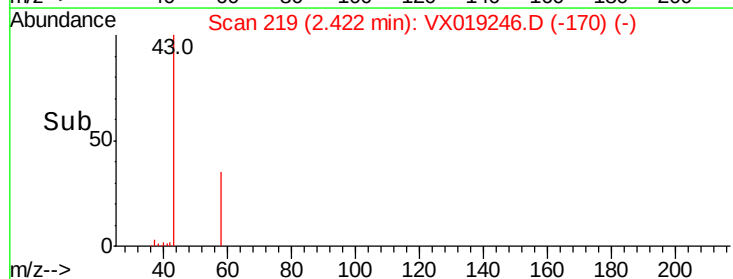
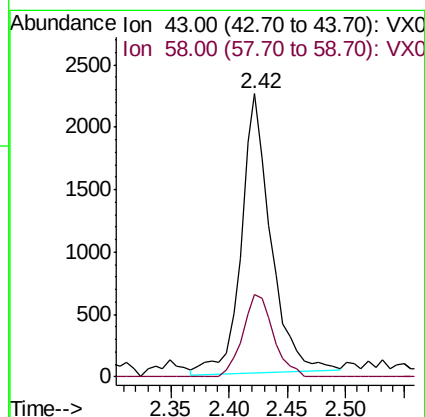
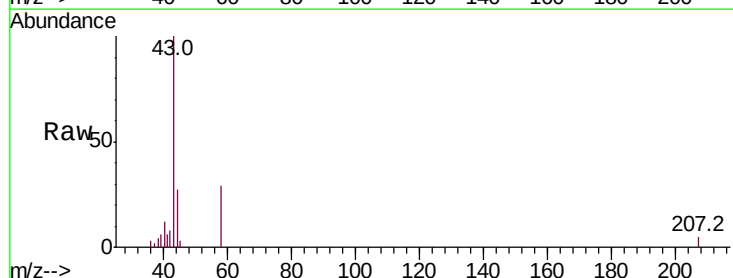
Acq: 03 Nov 2020 20:24

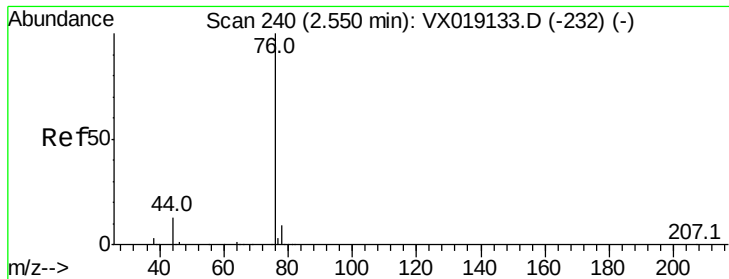
Tgt Ion: 43 Resp: 3930

Ion Ratio Lower Upper

43 100

58 29.8 26.3 39.5





#17

Carbon Disulfide

Concen: 0.812 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019246.D

Acq: 03 Nov 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

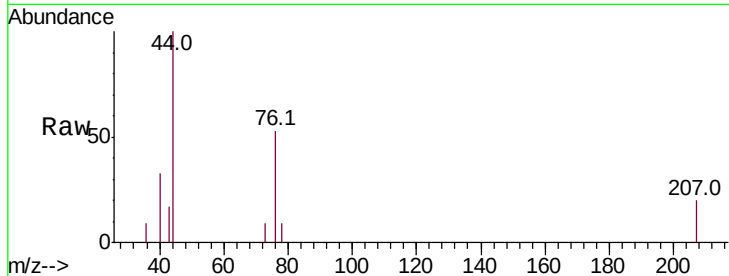
CRT-23

Tot Ion: 76 Resp: 462

Ion Ratio Lower Upper

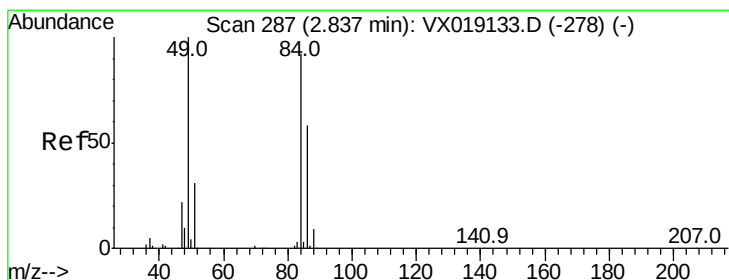
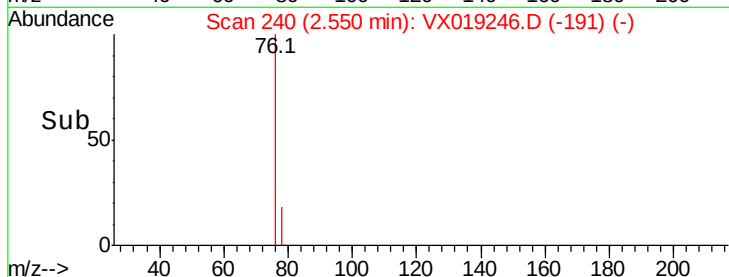
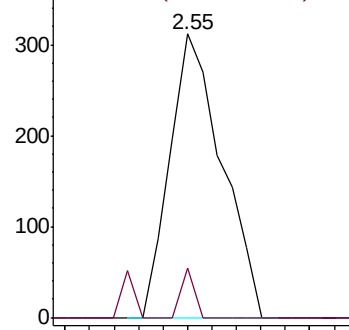
76 100

78 17.6 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#20

Methylene Chloride

Concen: 2.604 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX019246.D

Acq: 03 Nov 2020 20:24

Tgt Ion: 84 Resp: 9240

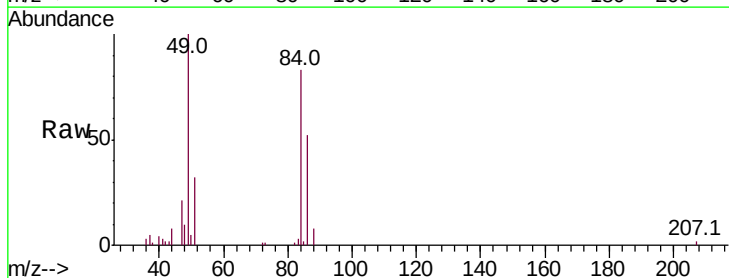
Ion Ratio Lower Upper

84 100

49 120.9 86.8 130.2

51 38.7 27.3 40.9

86 62.5 50.6 76.0

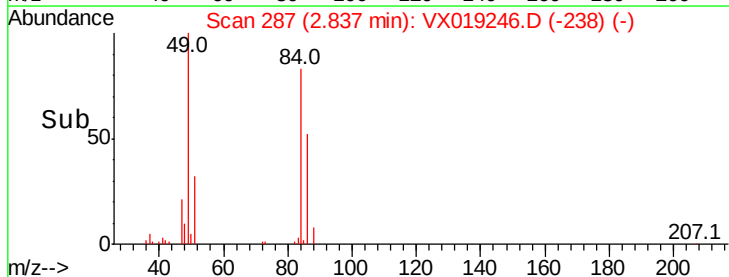
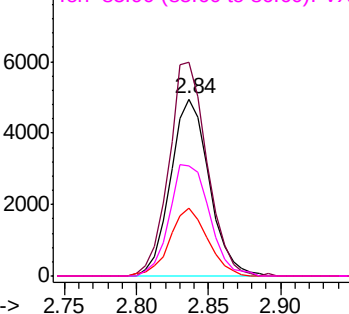


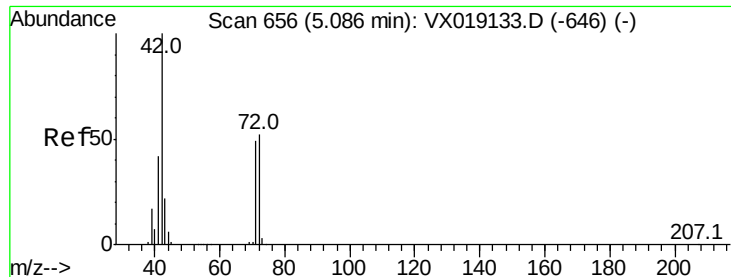
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

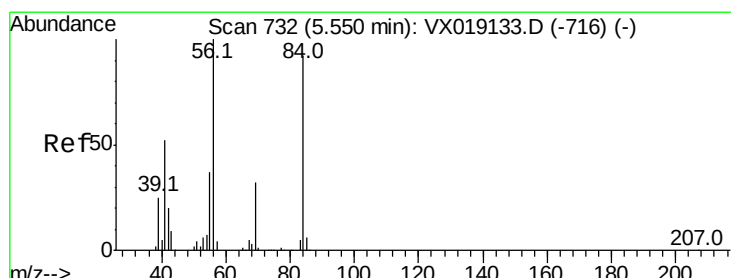
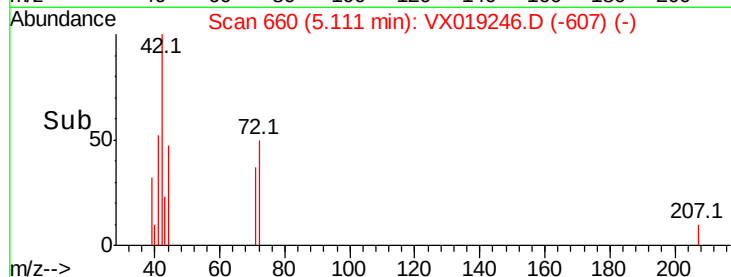
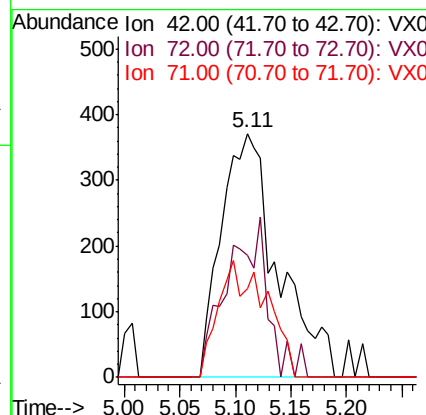
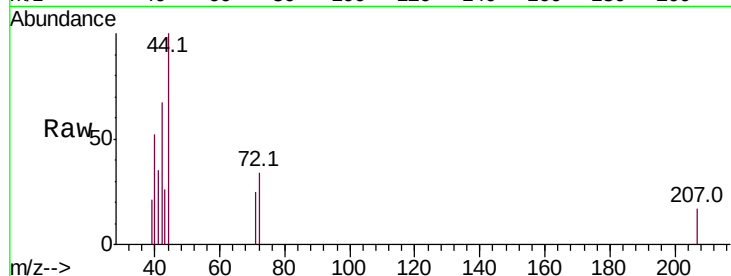




#29
Tetrahydrofuran
Concen: 0.937 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX019246.D
Acq: 03 Nov 2020 20:24

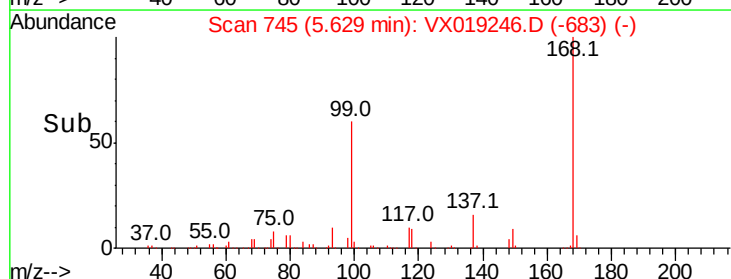
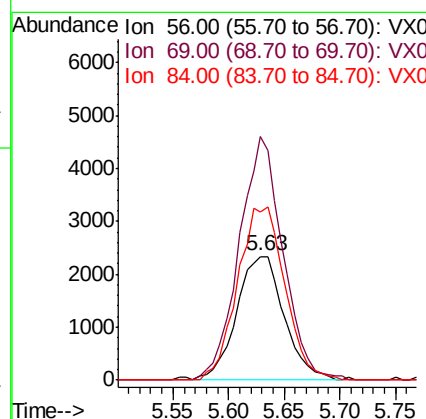
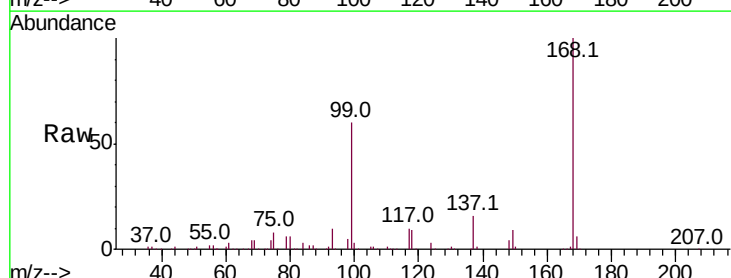
Instrument :
MSVOA_X
ClientSampled :
CRT-23

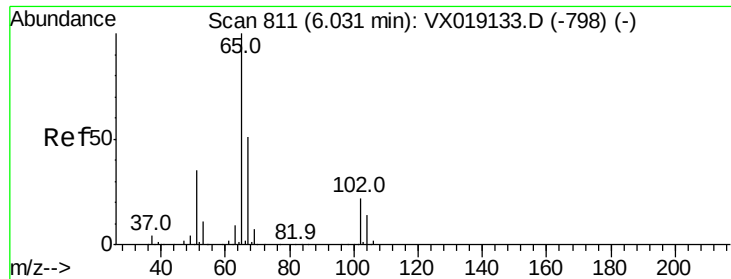
Tot Ion: 42 Resp: 1315
Ion Ratio Lower Upper
42 100
72 46.7 42.6 63.8
71 0.0 39.7 59.5#



#31
Cyclohexane
Concen: 1.339 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX019246.D
Acq: 03 Nov 2020 20:24

Tgt Ion: 56 Resp: 6934
Ion Ratio Lower Upper
56 100
69 197.0 25.9 38.9#
84 135.6 73.4 110.2#

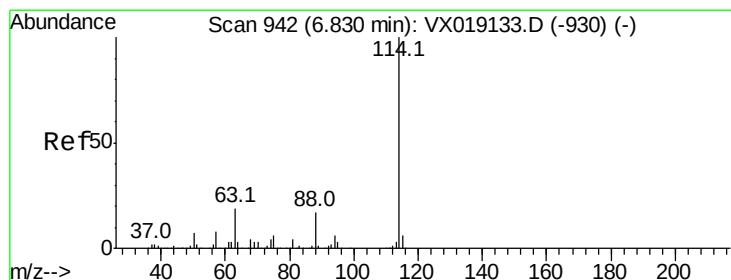
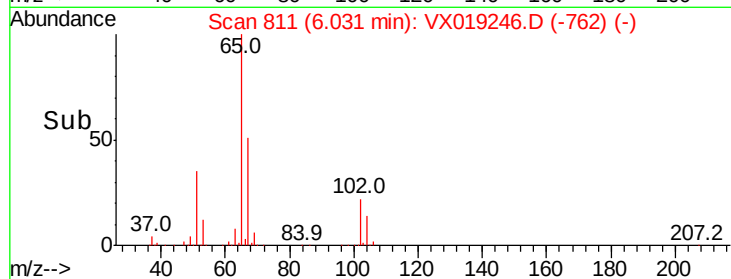
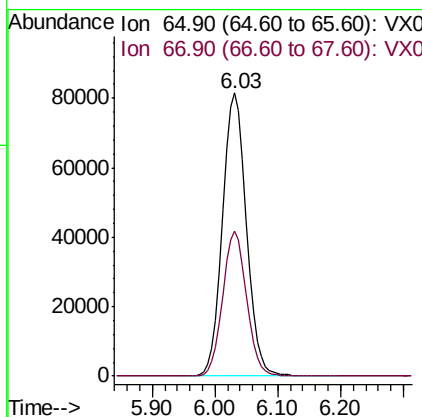
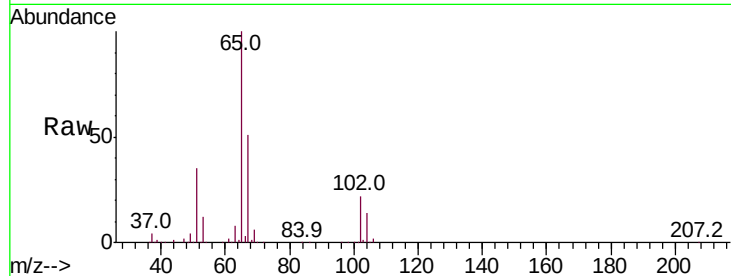




#33
 1,2-Dichloroethane-d4
 Concen: 52.604 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019246.D
 Acq: 03 Nov 2020 20:24

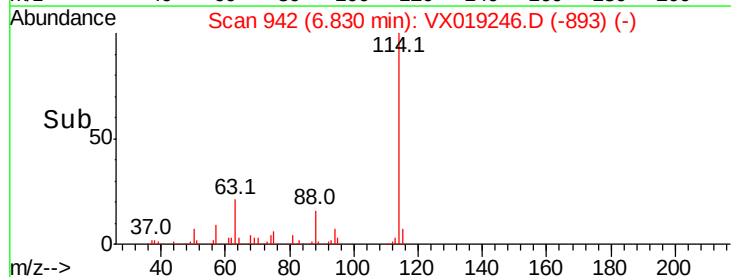
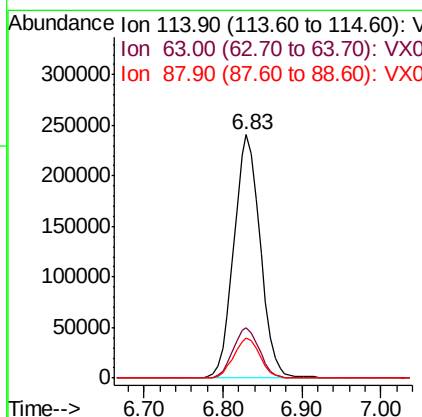
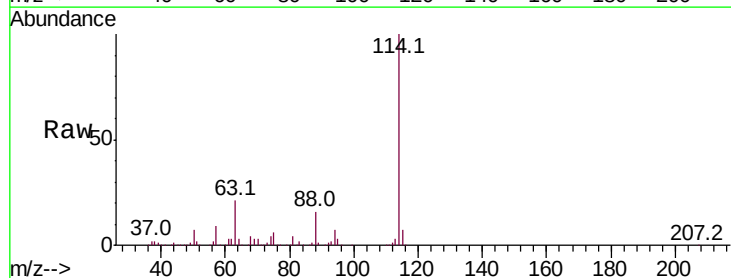
Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-23

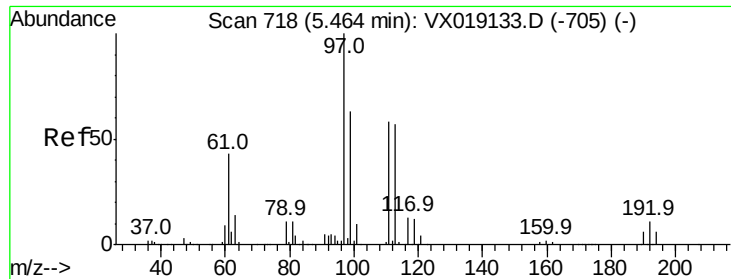
Tot Ion: 65 Resp: 215547
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019246.D
 Acq: 03 Nov 2020 20:24

Tgt Ion: 114 Resp: 561511
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.8
 88 16.4 0.0 34.2

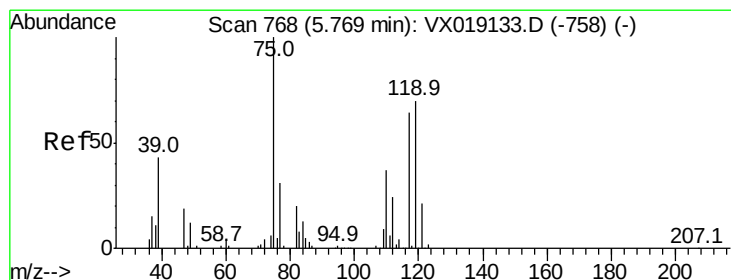
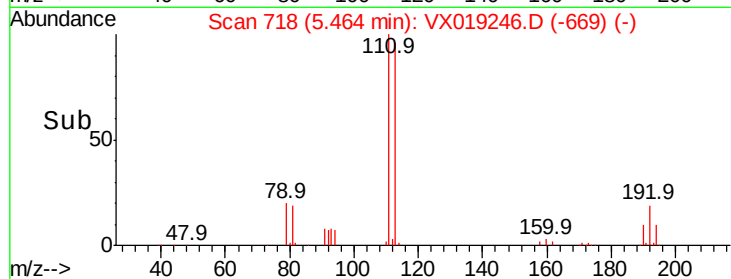
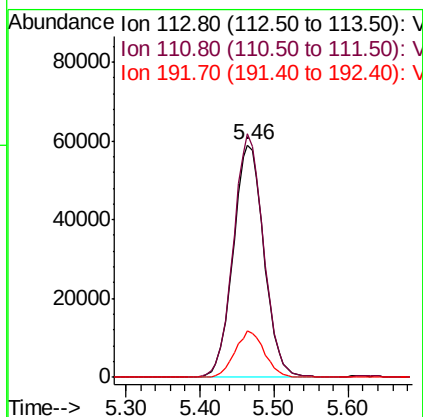
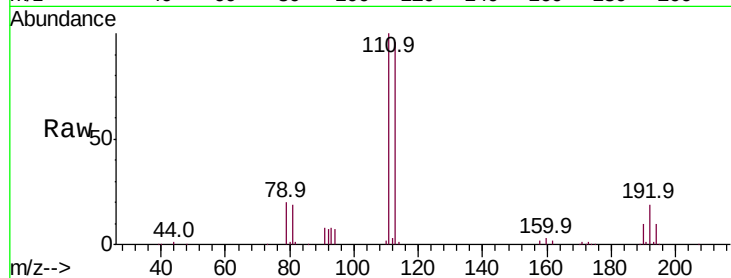




#35
 Dibromofluoromethane
 Concen: 48.491 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019246.D
 Acq: 03 Nov 2020 20:24

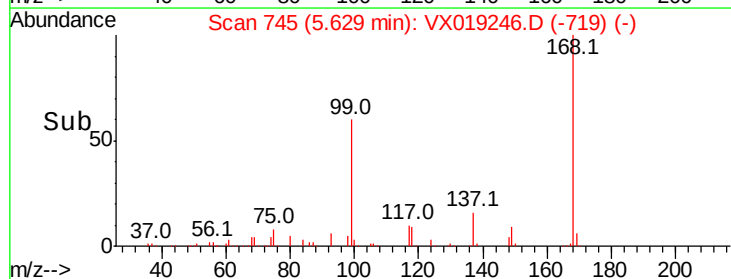
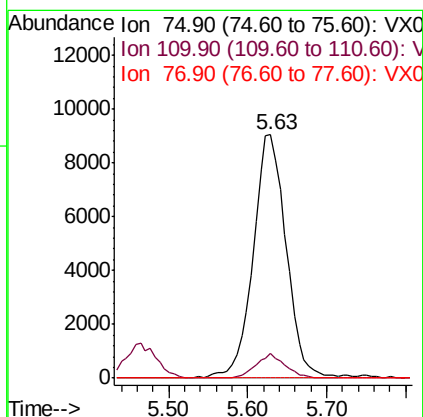
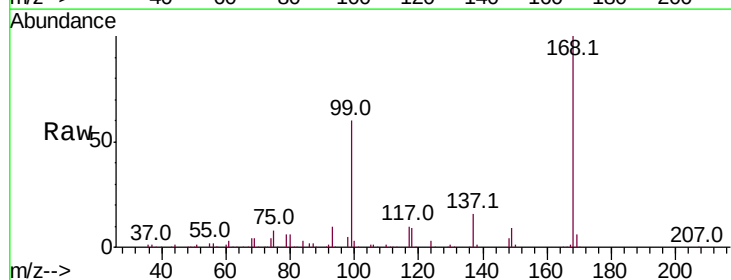
Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-23

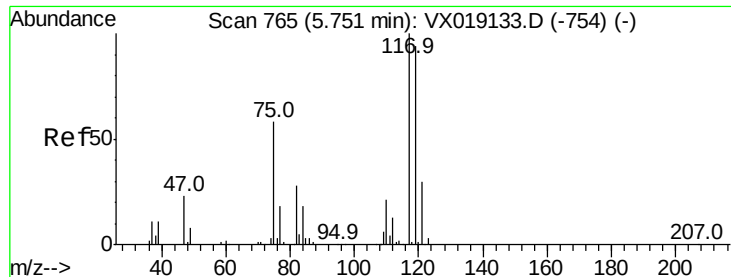
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	19.2	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.072 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX019246.D
 Acq: 03 Nov 2020 20:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.3	54.9#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.307 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019246.D

Acq: 03 Nov 2020 20:24

Instrument :

MSVOA_X

ClientSampleId :

CRT-23

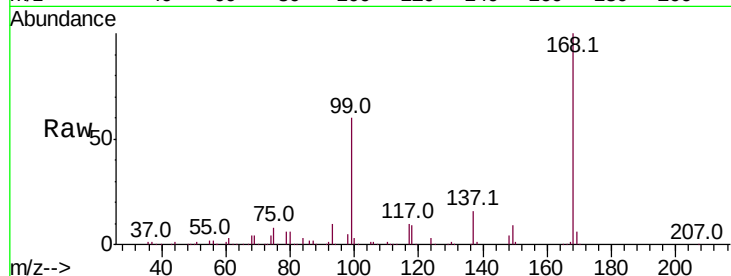
Tot Ion:117 Resp: 33334

Ion Ratio Lower Upper

117 100

119 4.5 75.0 112.6#

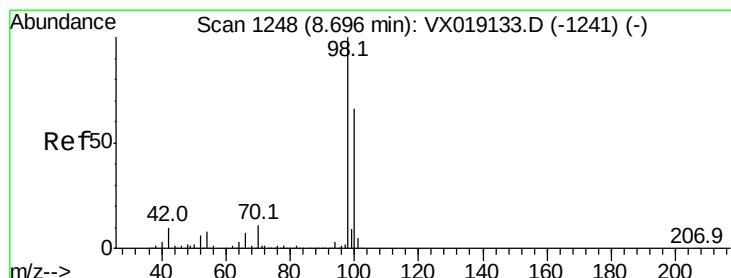
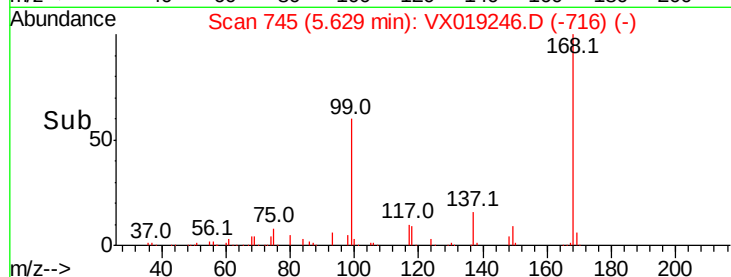
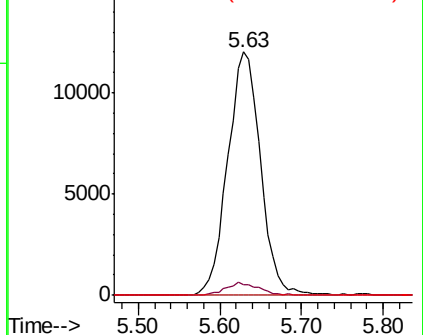
121 0.0 23.9 35.9#



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: 53.595 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019246.D

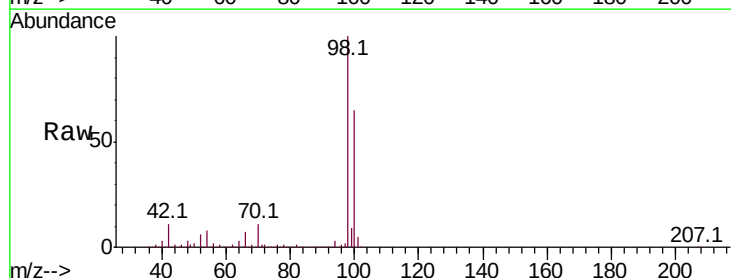
Acq: 03 Nov 2020 20:24

Tgt Ion: 98 Resp: 712585

Ion Ratio Lower Upper

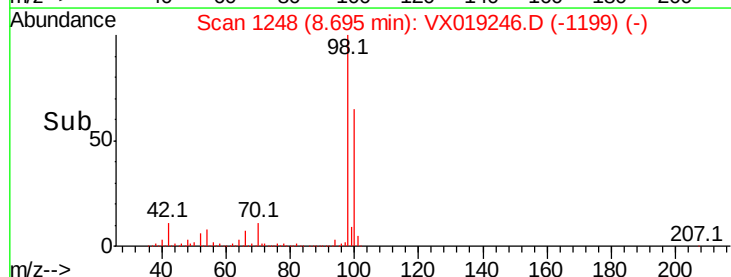
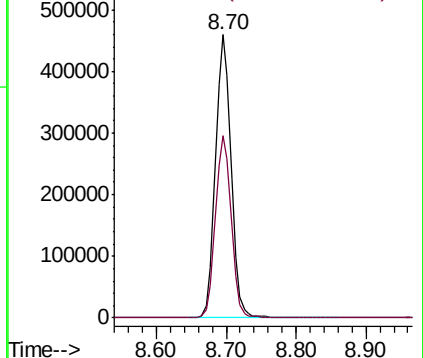
98 100

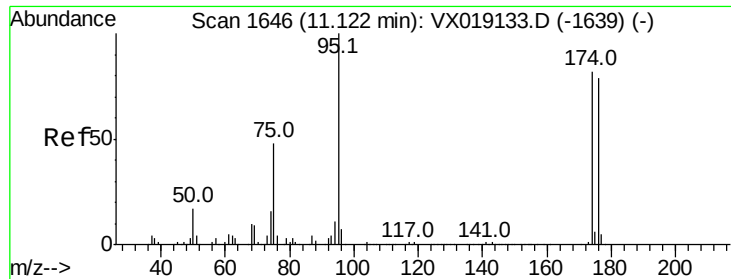
100 65.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

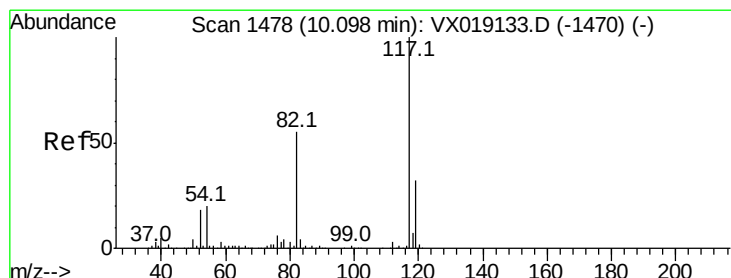
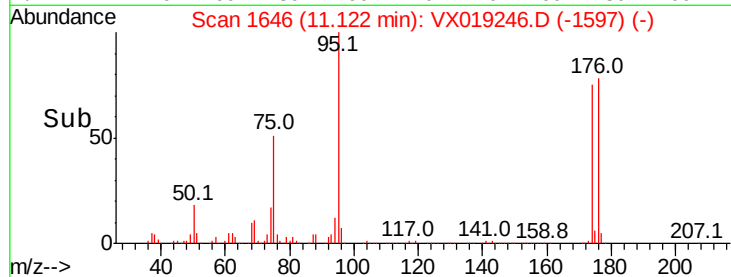
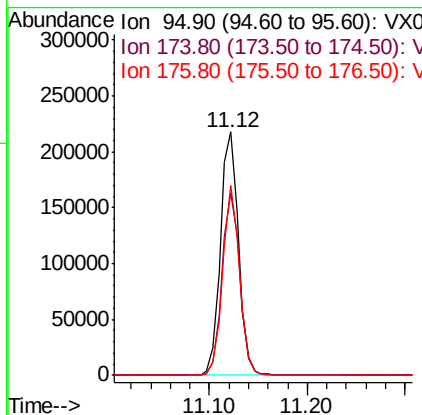
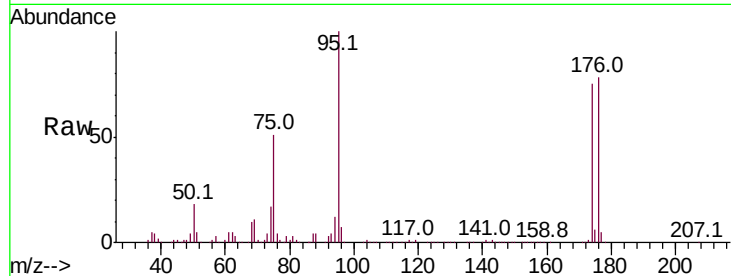




#62
4-Bromofluorobenzene
Concen: 54.916 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019246.D
Acq: 03 Nov 2020 20:24

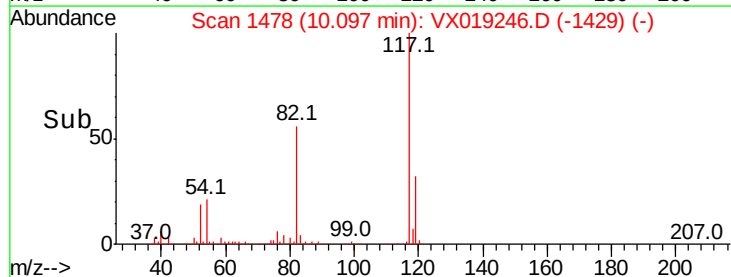
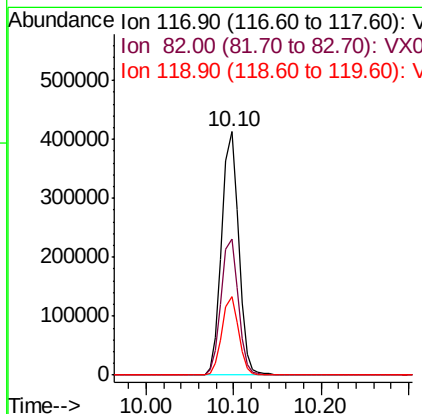
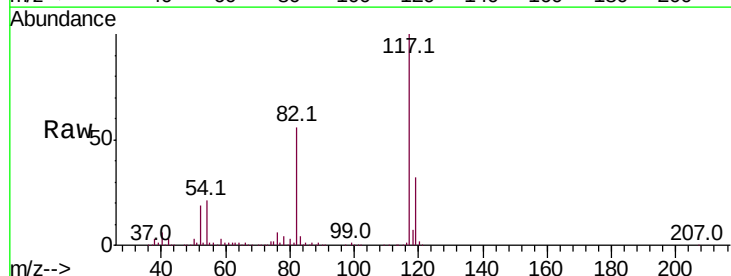
Instrument :
MSVOA_X
ClientSampleId :
CRT-23

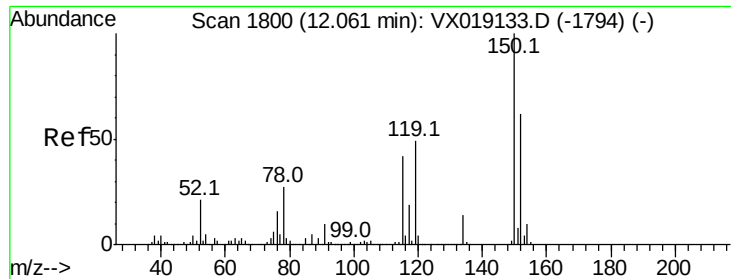
Tot Ion: 95 Resp: 276514
Ion Ratio Lower Upper
95 100
174 74.8 0.0 156.0
176 73.4 0.0 149.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019246.D
Acq: 03 Nov 2020 20:24

Tgt Ion: 117 Resp: 556114
Ion Ratio Lower Upper
117 100
82 55.9 43.6 65.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019246.D

Acq: 03 Nov 2020 20:24

Instrument :

MSVOA_X

ClientSampled :

CRT-23

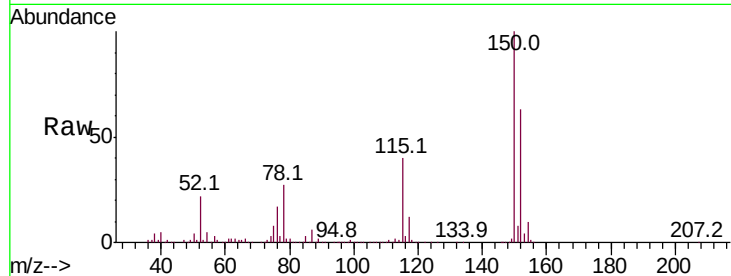
Tot Ion:152 Resp: 291445

Ion Ratio Lower Upper

152 100

115 60.8 41.9 125.7

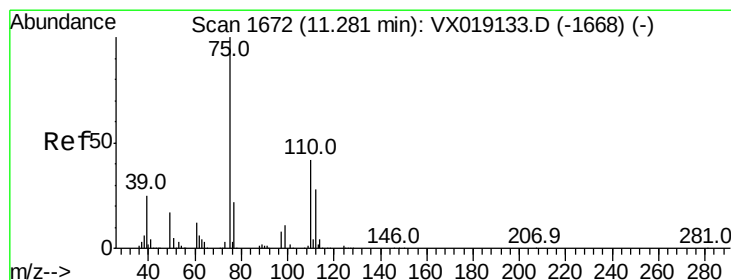
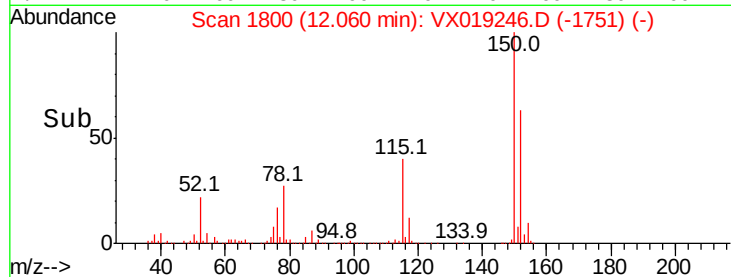
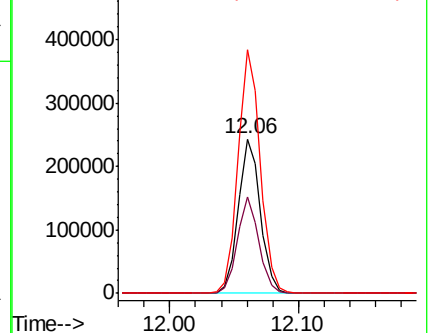
150 158.6 0.0 347.8



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: 23.551 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019246.D

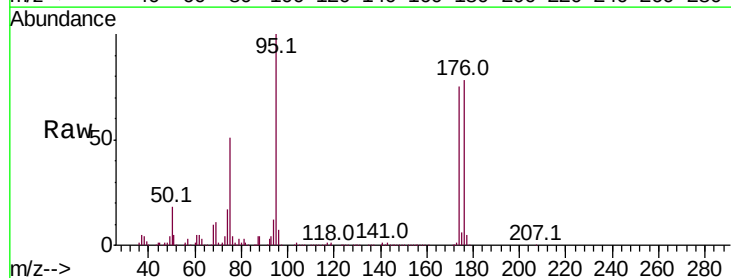
Acq: 03 Nov 2020 20:24

Tgt Ion: 75 Resp: 141722

Ion Ratio Lower Upper

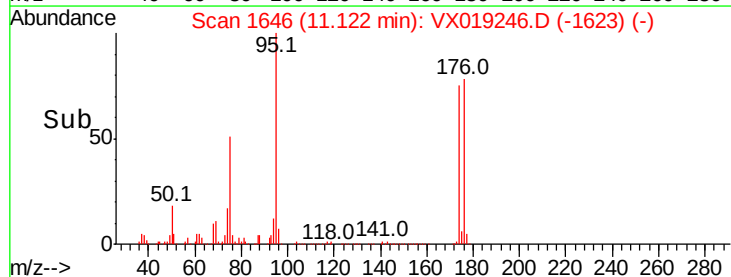
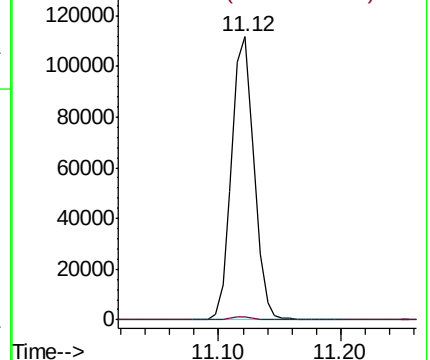
75 100

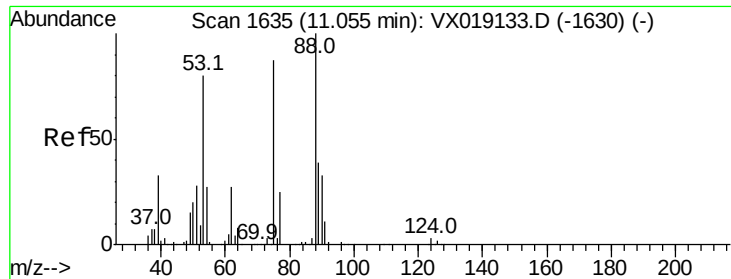
77 1.1 20.3 60.9#



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: 62.009 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX019246.D
 Acq: 03 Nov 2020 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-23

Tot Ion: 75 Resp: 141722
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.3 109.9#
 89 0.0 38.2 57.2#

