

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019803.D
 Acq On : 10 Dec 2020 02:15
 Operator : JC/MD
 Sample : L4993-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-FD01-120720

Quant Time: Dec 10 10:42:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	324233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	534395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	483070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209124	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	202175	47.44	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.88%	
35) Dibromofluoromethane		5.46	113	163699	47.40	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.80%	
50) Toluene-d8		8.70	98	637432	48.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.68%	
62) 4-Bromofluorobenzene		11.12	95	222760	44.39	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.78%	

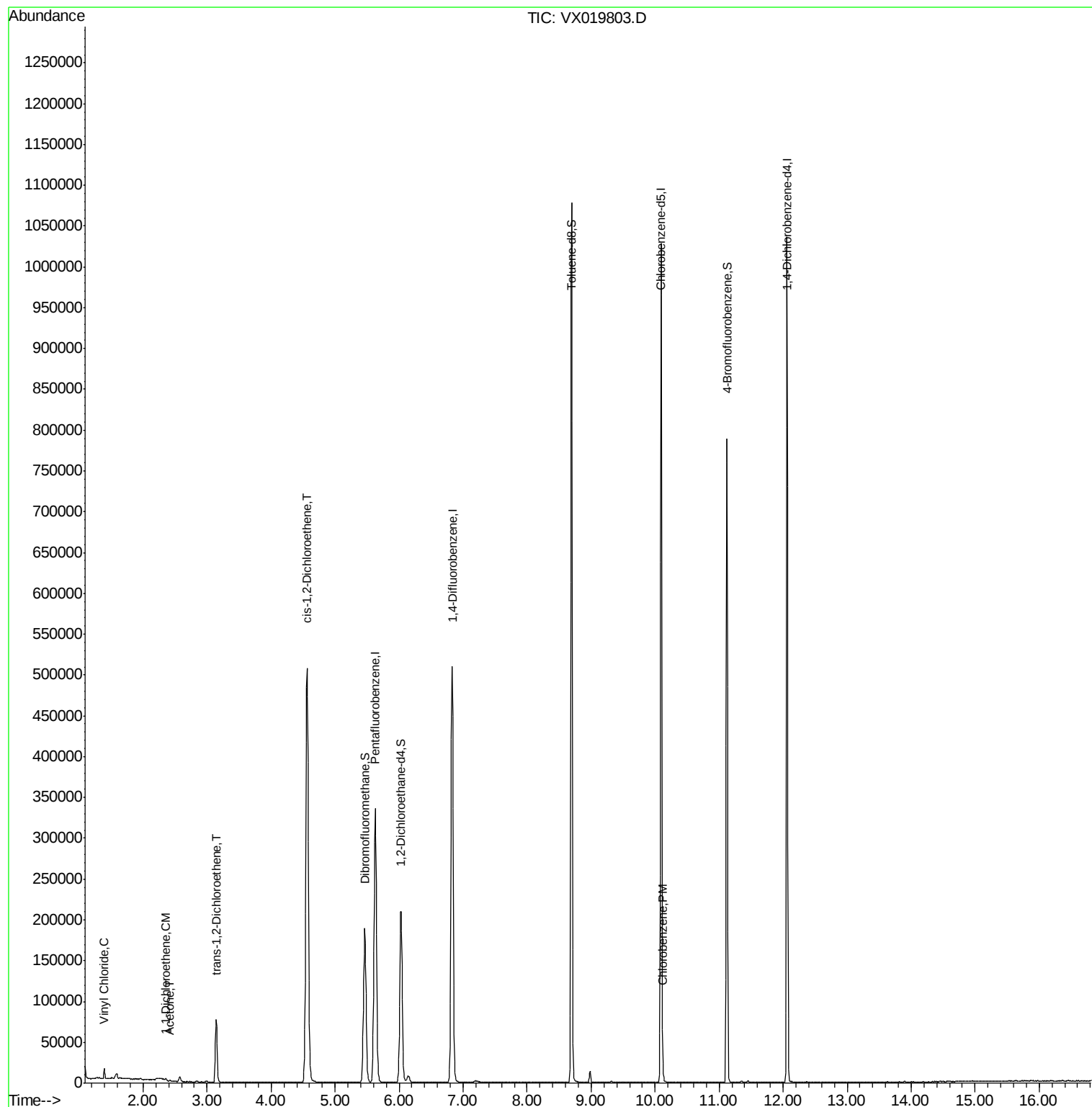
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	6655	1.808	ug/l	100
12) 1,1-Dichloroethene	2.36	96	1061	0.357	ug/l #	75
16) Acetone	2.42	43	1084	0.677	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	32348	9.340	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	338093	83.417	ug/l	89
65) Chlorobenzene	10.12	112	4387	0.456	ug/l	95

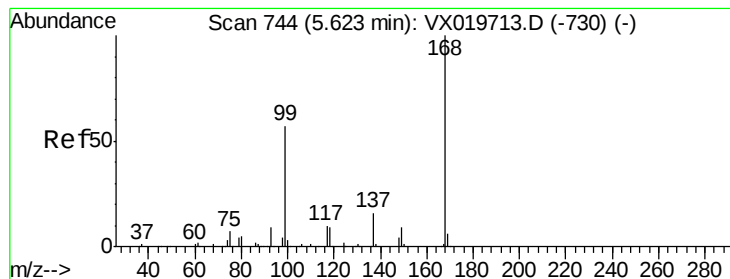
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120920\
Data File : VX019803.D
Acq On : 10 Dec 2020 02:15
Operator : JC/MD
Sample : L4993-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-FD01-120720

Quant Time: Dec 10 10:42:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019803.D

Acq: 10 Dec 2020 02:15

Instrument :

MSVOA_X

ClientSampleId :

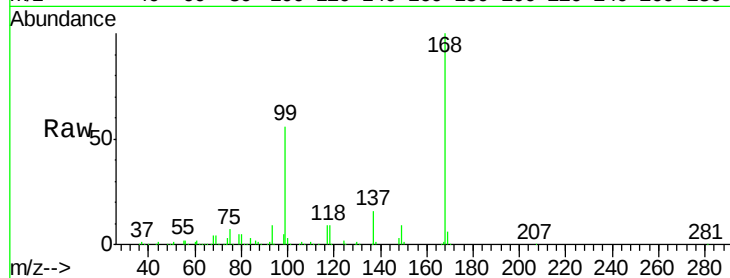
TU032-32-FD01-120720

Tot Ion:168 Resp: 324233

Ion Ratio Lower Upper

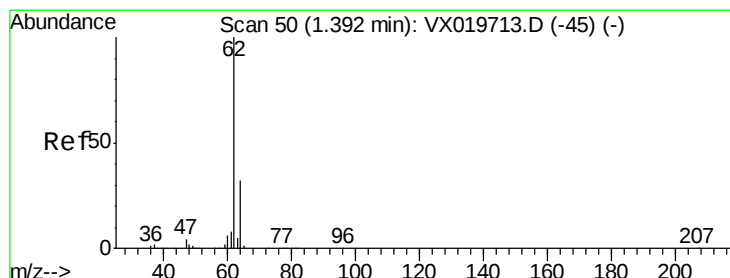
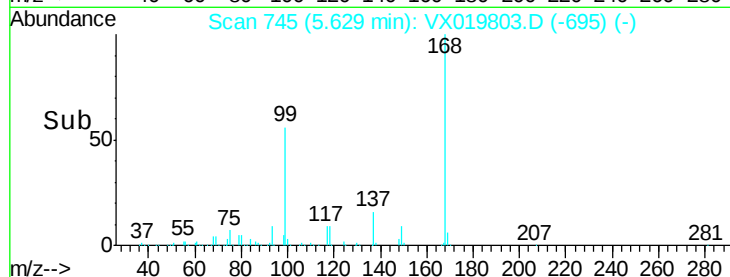
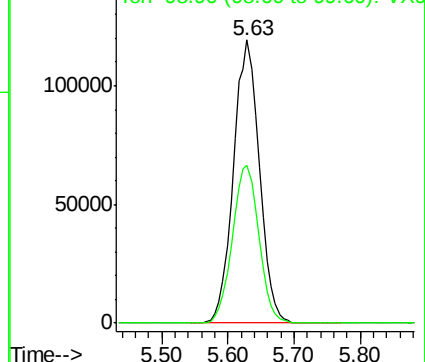
168 100

99 55.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.808 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019803.D

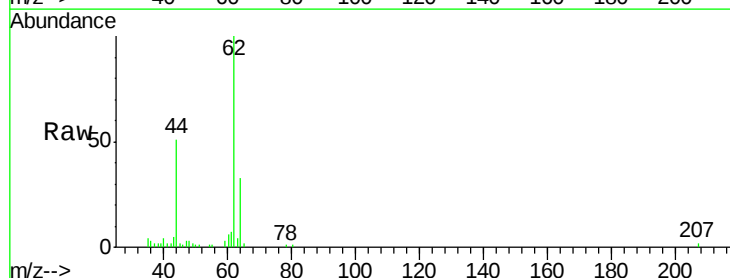
Acq: 10 Dec 2020 02:15

Tgt Ion: 62 Resp: 6655

Ion Ratio Lower Upper

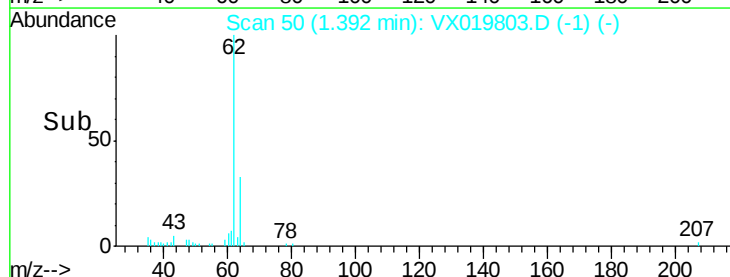
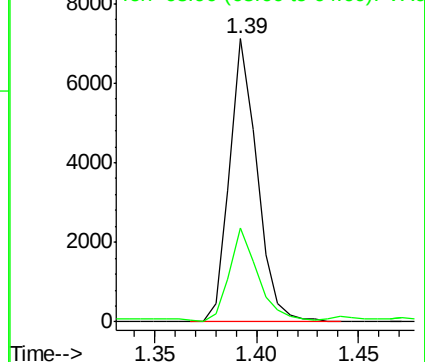
62 100

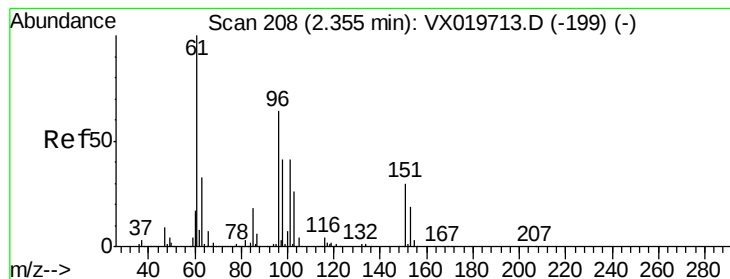
64 32.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 0.357 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019803.D

Acq: 10 Dec 2020 02:15

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-FD01-120720

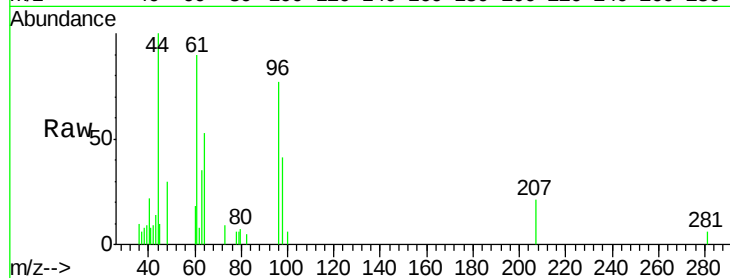
Tot Ion: 96 Resp: 1061

Ion Ratio Lower Upper

96 100

61 116.7 124.6 187.0#

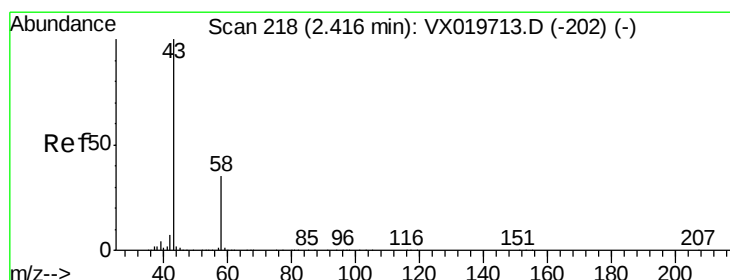
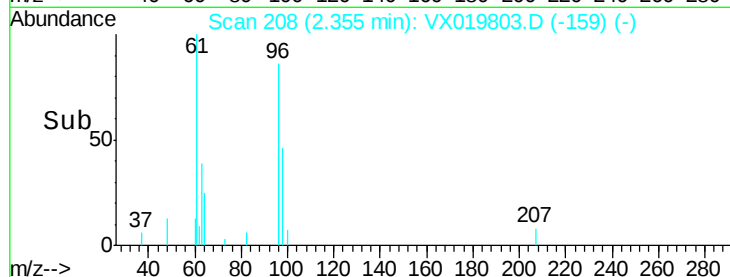
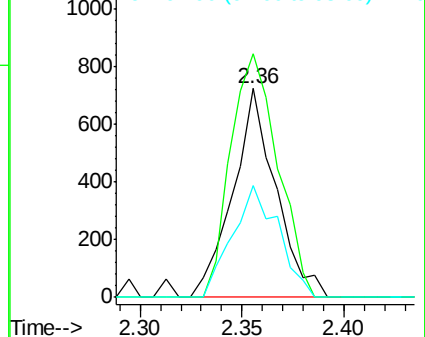
98 53.6 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 0.677 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019803.D

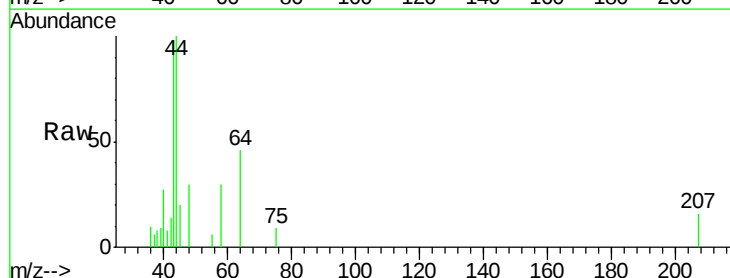
Acq: 10 Dec 2020 02:15

Tgt Ion: 43 Resp: 1084

Ion Ratio Lower Upper

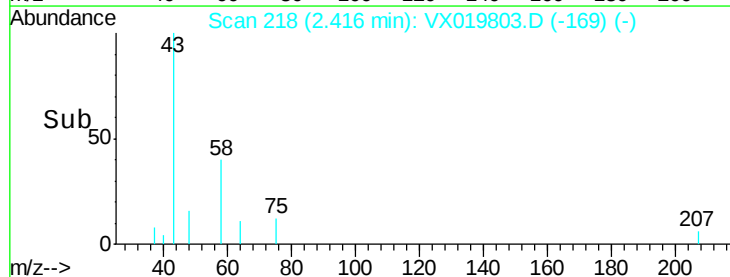
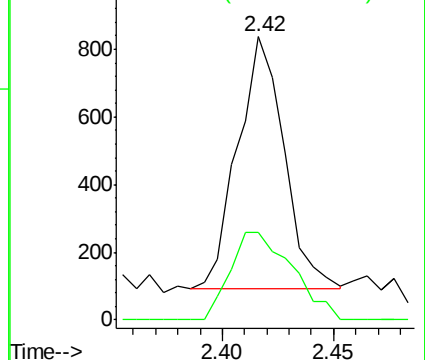
43 100

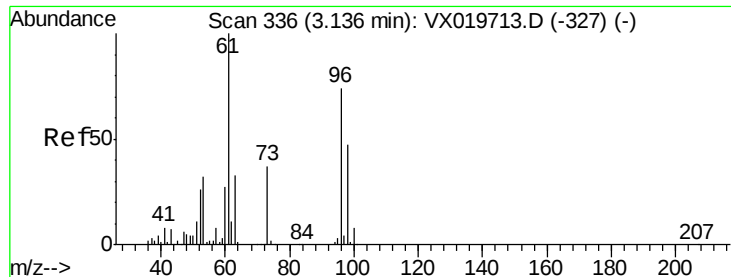
58 34.8 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 9.340 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019803.D

Acq: 10 Dec 2020 02:15

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-FD01-120720

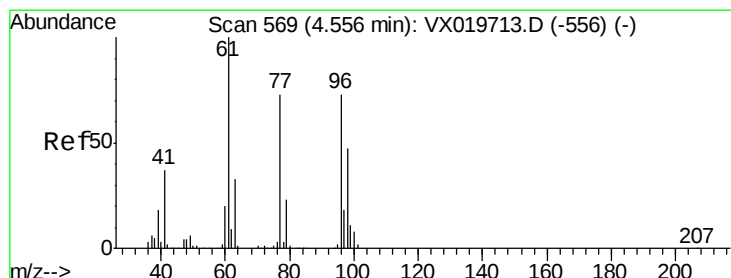
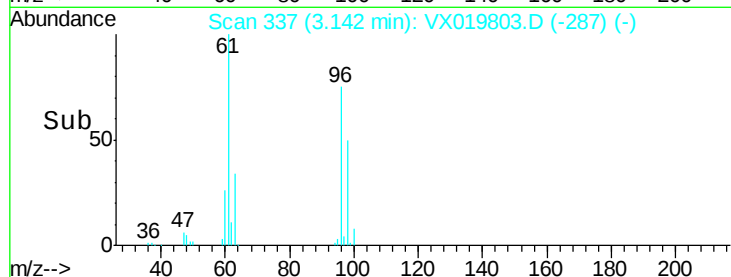
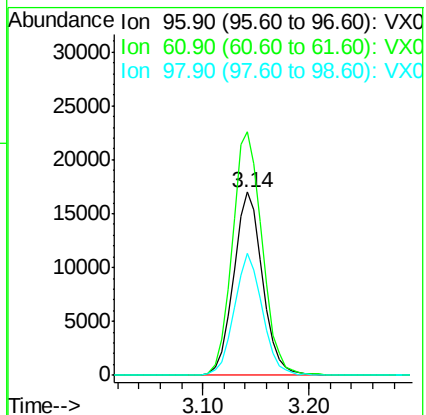
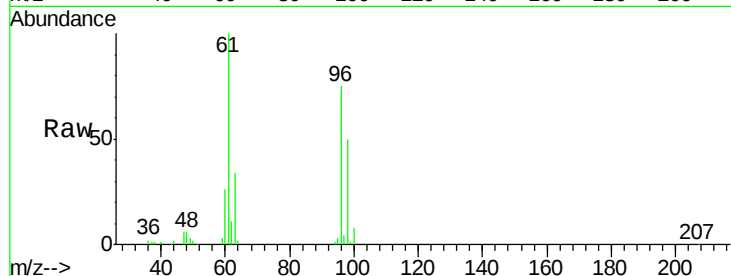
Tot Ion: 96 Resp: 32348

Ion Ratio Lower Upper

96 100

61 133.0 107.7 161.5

98 66.5 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 83.417 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019803.D

Acq: 10 Dec 2020 02:15

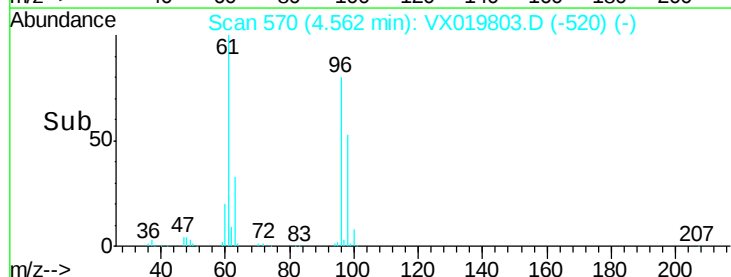
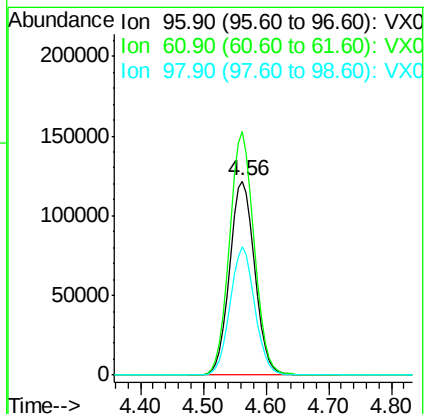
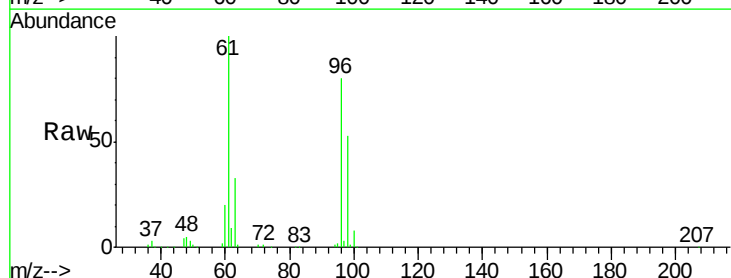
Tgt Ion: 96 Resp: 338093

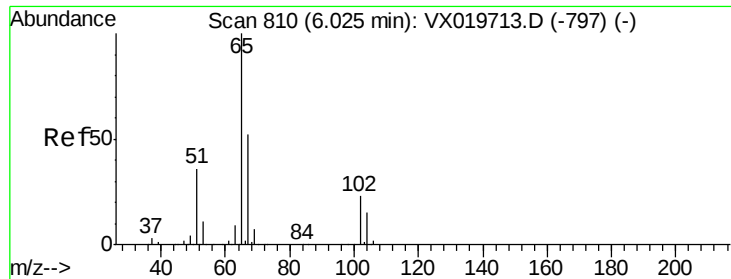
Ion Ratio Lower Upper

96 100

61 123.0 0.0 285.6

98 64.6 0.0 129.6

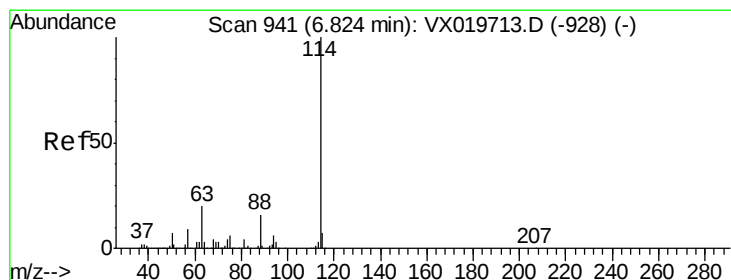
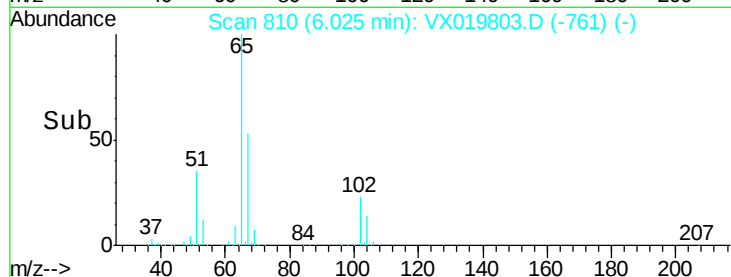
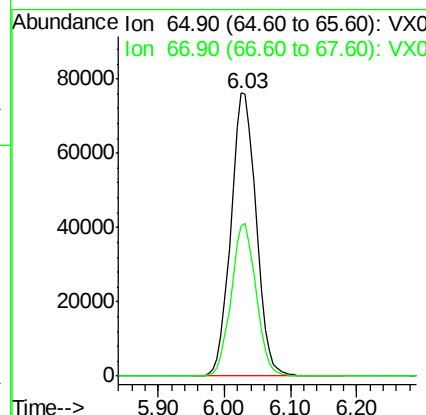
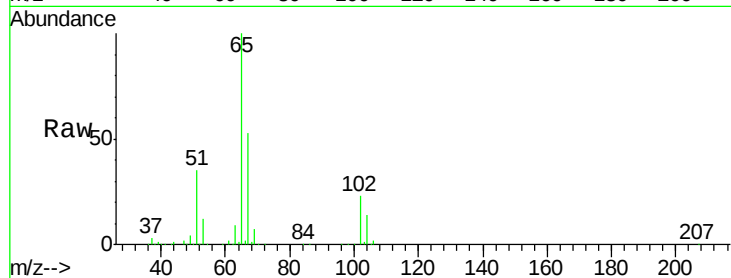




#33
 1,2-Dichloroethane-d4
 Concen: 47.444 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019803.D
 Acq: 10 Dec 2020 02:15

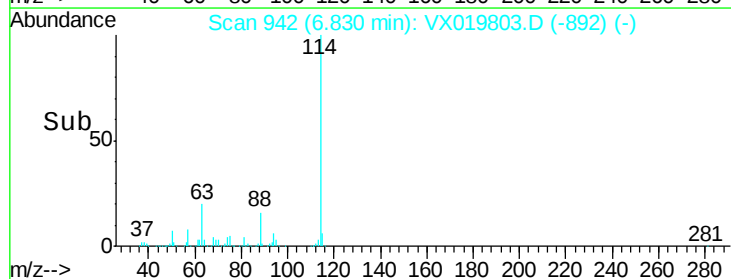
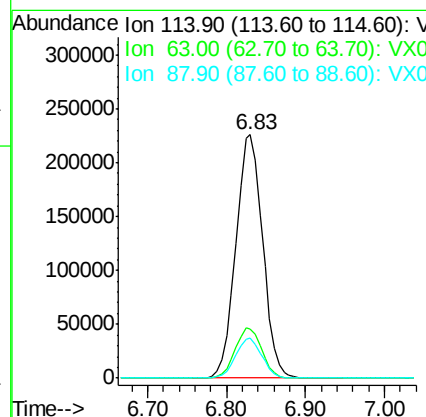
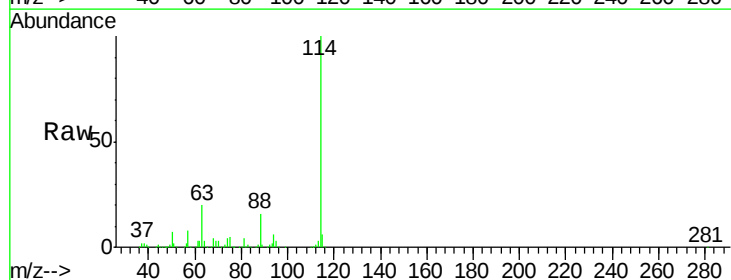
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-FD01-120720

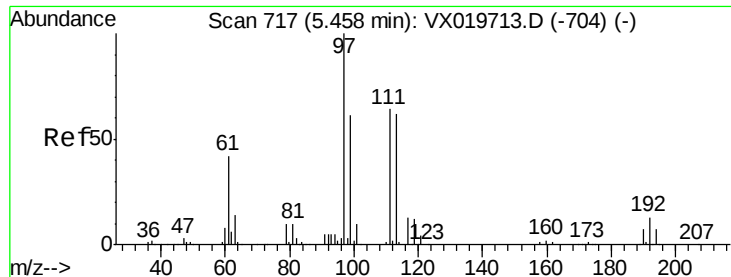
Tot Ion: 65 Resp: 202175
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019803.D
 Acq: 10 Dec 2020 02:15

Tgt Ion: 114 Resp: 534395
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 16.2 0.0 32.8

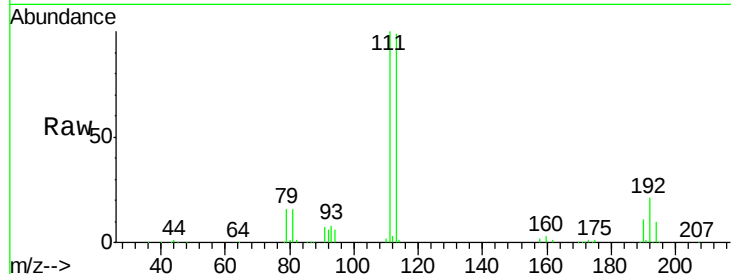




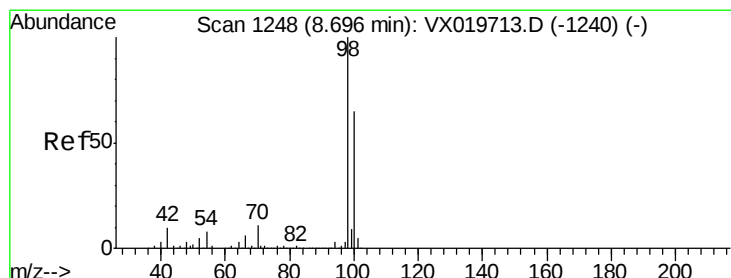
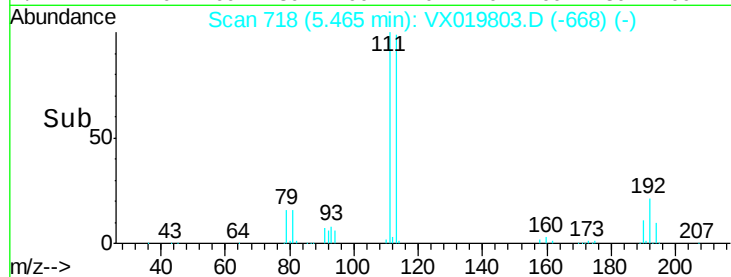
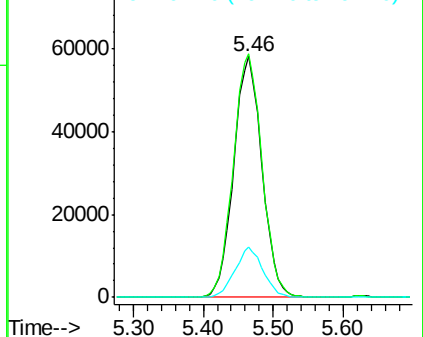
#35
 Dibromofluoromethane
 Concen: 47.398 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019803.D
 Acq: 10 Dec 2020 02:15

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-FD01-120720

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	20.5	16.7	25.1

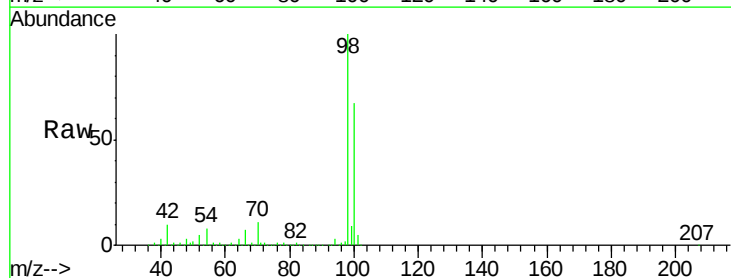


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

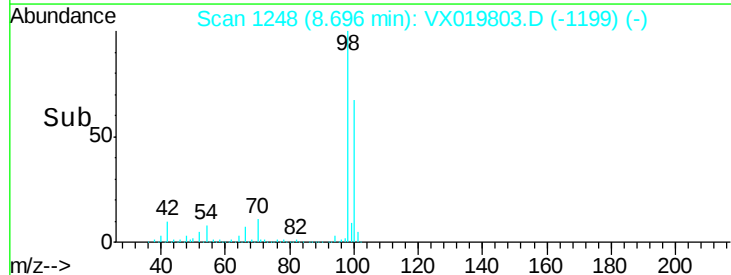
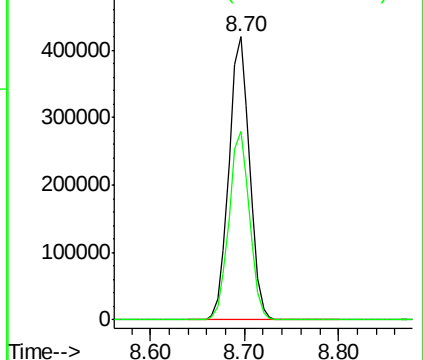


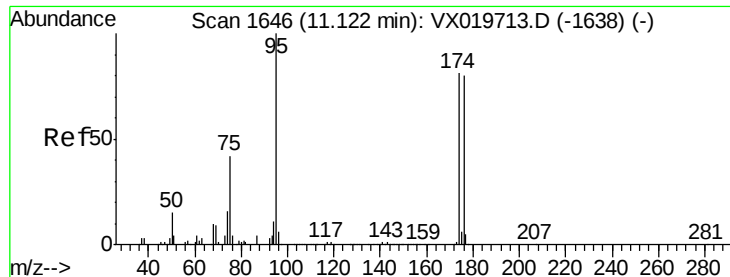
#50
 Toluene-d8
 Concen: 48.344 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019803.D
 Acq: 10 Dec 2020 02:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.387 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019803.D

Acq: 10 Dec 2020 02:15

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-FD01-120720

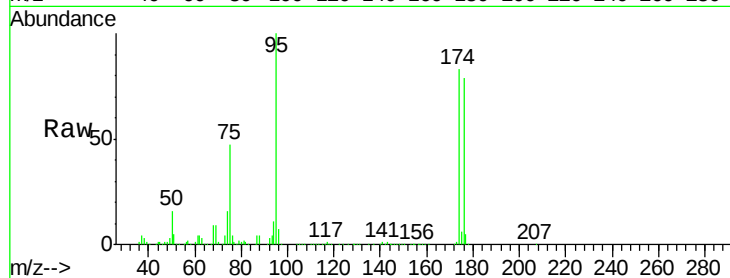
Tot Ion: 95 Resp: 222760

Ion Ratio Lower Upper

95 100

174 80.2 0.0 154.6

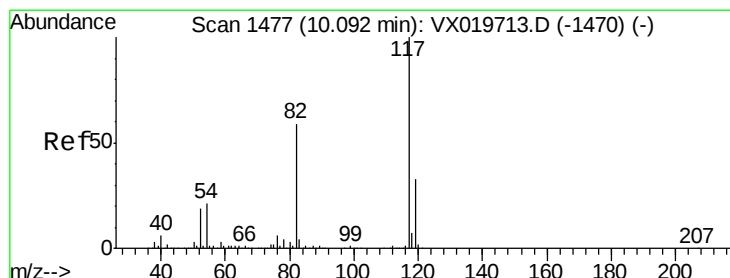
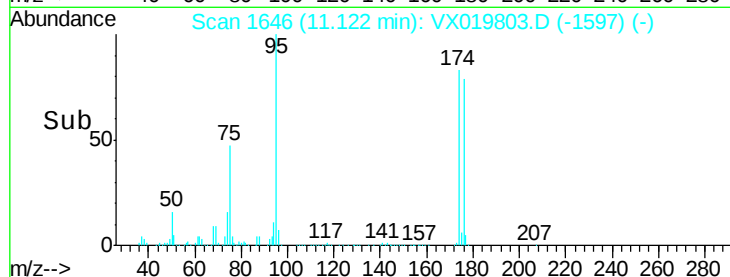
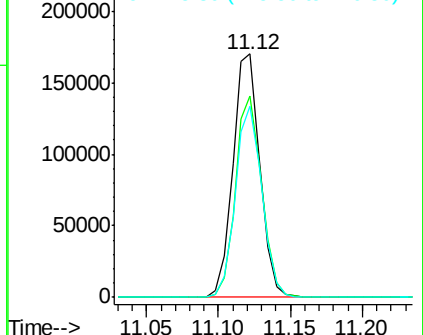
176 77.0 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019803.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019803.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019803.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019803.D

Acq: 10 Dec 2020 02:15

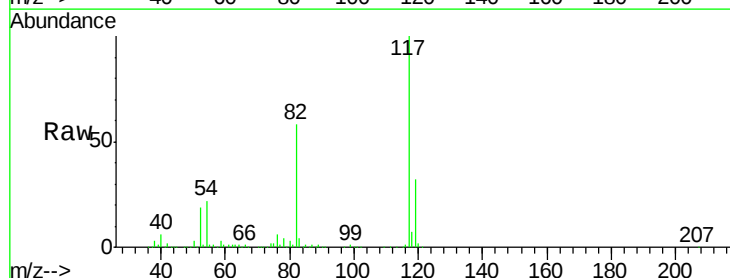
Tgt Ion: 117 Resp: 483070

Ion Ratio Lower Upper

117 100

82 58.1 47.4 71.2

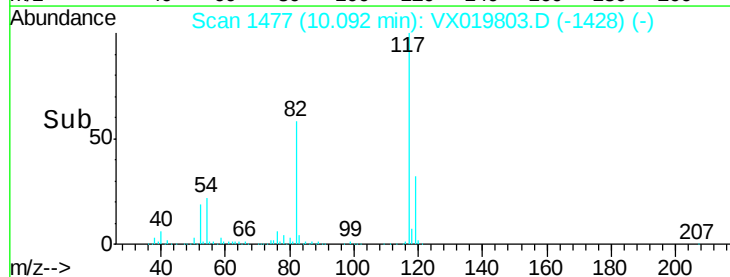
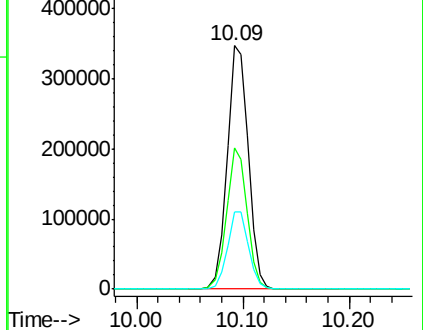
119 31.5 26.6 39.8

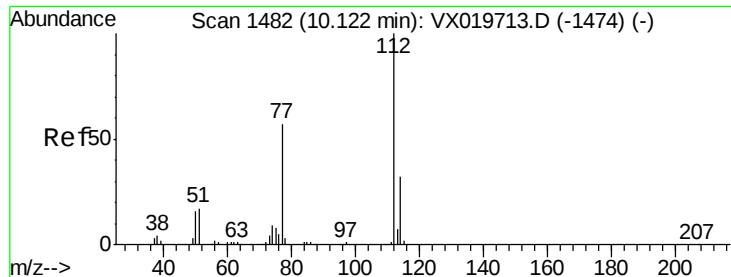


Abundance Ion 116.90 (116.60 to 117.60): VX019803.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019803.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019803.D (-1428) (-)

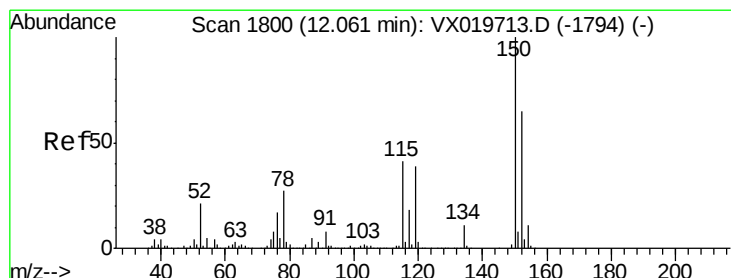
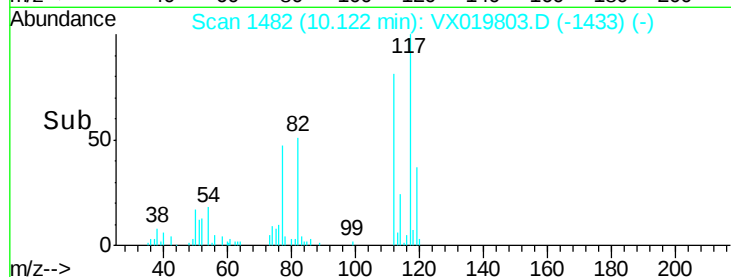
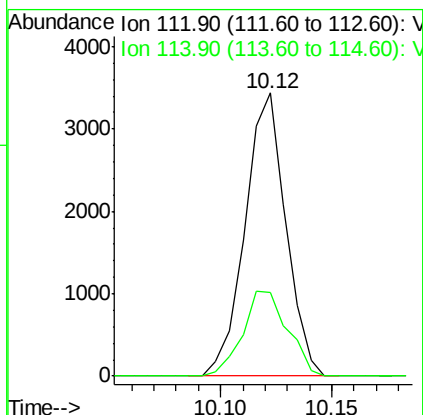
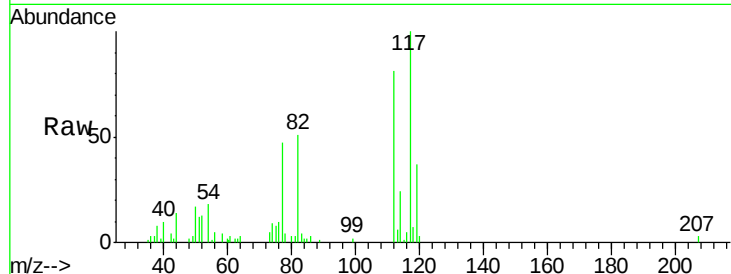




#65
Chlorobenzene
Concen: 0.456 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019803.D
Acq: 10 Dec 2020 02:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-FD01-120720

Tot Ion:112 Resp: 4387
Ion Ratio Lower Upper
112 100
114 29.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019803.D
Acq: 10 Dec 2020 02:15

Tgt Ion:152 Resp: 209124
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 156.7 0.0 349.0

