

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019999.D
 Acq On : 14 Dec 2020 20:08
 Operator : JC/MD
 Sample : L5052-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5778-121020

Quant Time: Dec 15 14:43:05 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	307107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	505327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	463496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	194779	48.26	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.52%
35) Dibromofluoromethane	5.46	113	159020	48.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.38%
50) Toluene-d8	8.70	98	614762	49.31	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.62%
62) 4-Bromofluorobenzene	11.12	95	216744	45.67	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.34%

Target Compounds

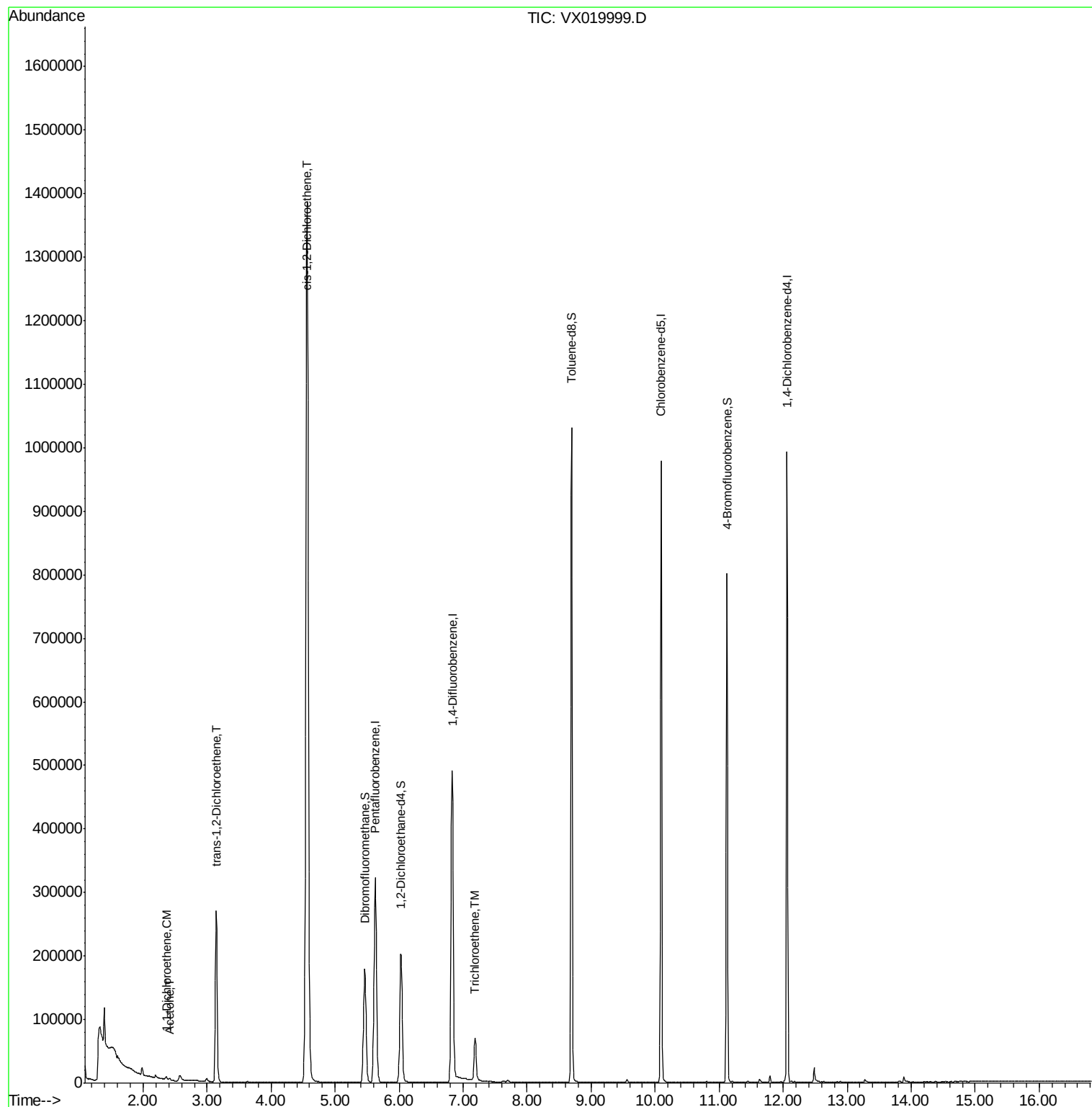
					Qvalue
12) 1,1-Dichloroethene	2.36	96	1280	0.455	ug/l 89
16) Acetone	2.42	43	2631	1.734	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	111350	33.944	ug/l 97
27) cis-1,2-Dichloroethene	4.56	96	901713	234.884	ug/l 90
44) Trichloroethene	7.19	130	24909	6.806	ug/l 97

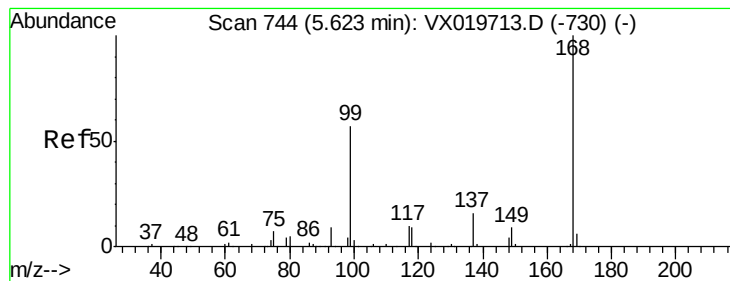
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TU032-32-5778-121020

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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: VX019999.D

Acq: 14 Dec 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

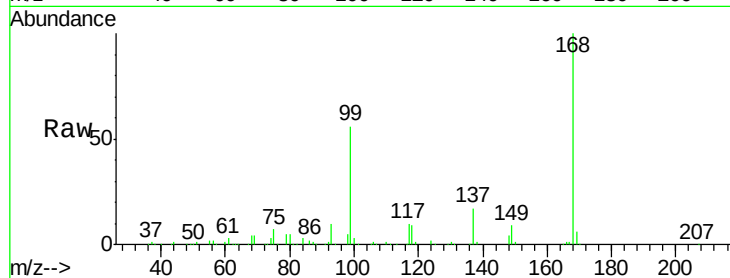
TU032-32-5778-121020

Tot Ion:168 Resp: 307107

Ion Ratio Lower Upper

168 100

99 56.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

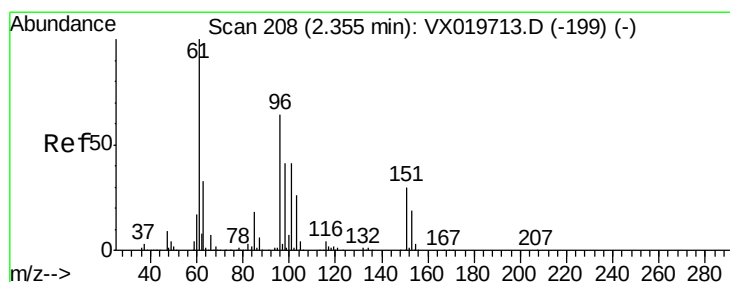
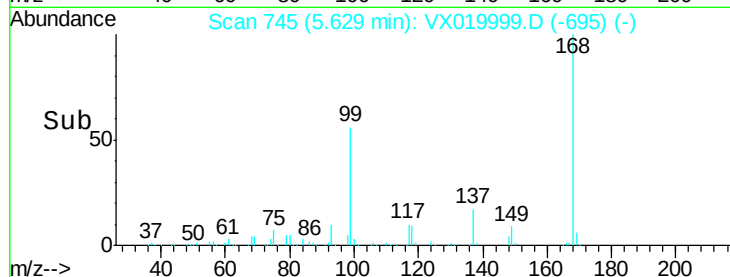
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.455 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX019999.D

Acq: 14 Dec 2020 20:08

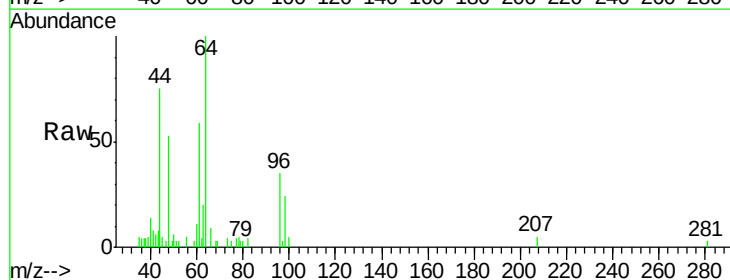
Tgt Ion: 96 Resp: 1280

Ion Ratio Lower Upper

96 100

61 170.4 124.6 187.0

98 70.3 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

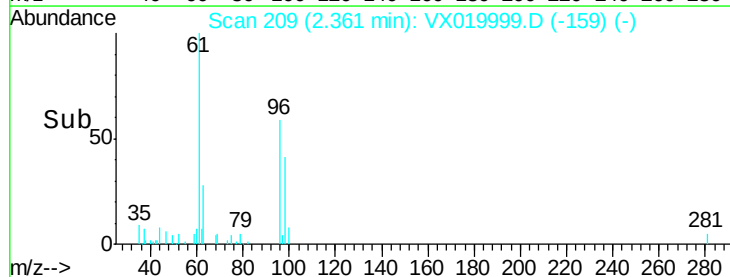
1500

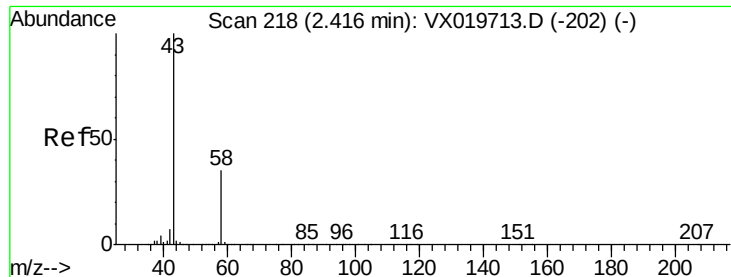
1000

500

0

Time-->





#16

Acetone

Concen: 1.734 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019999.D

Acq: 14 Dec 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

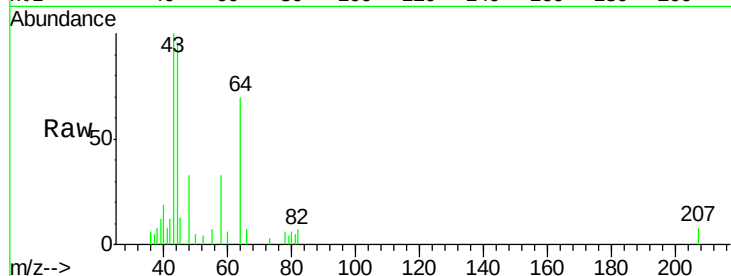
TU032-32-5778-121020

Tot Ion: 43 Resp: 2631

Ion Ratio Lower Upper

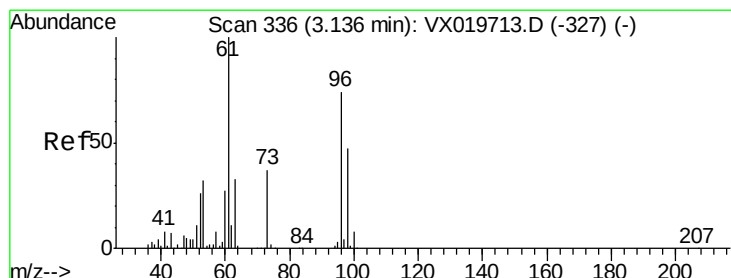
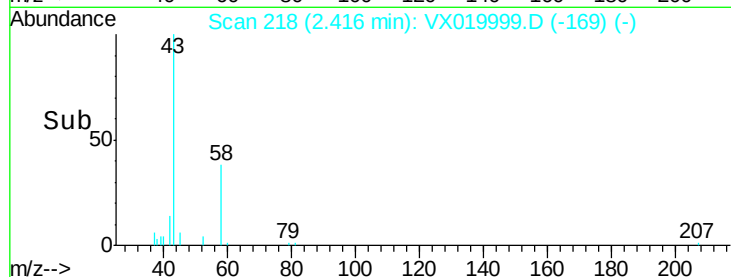
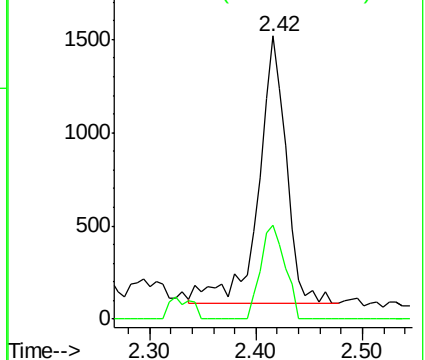
43 100

58 35.1 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: 33.944 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019999.D

Acq: 14 Dec 2020 20:08

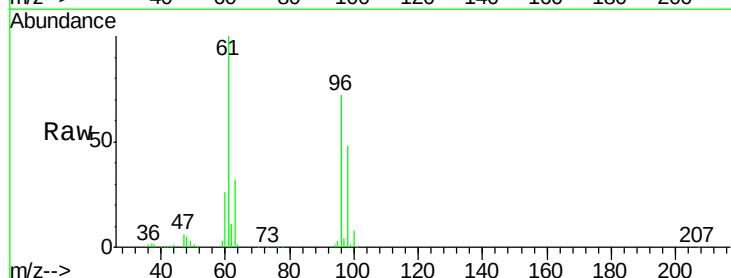
Tgt Ion: 96 Resp: 111350

Ion Ratio Lower Upper

96 100

61 138.3 107.7 161.5

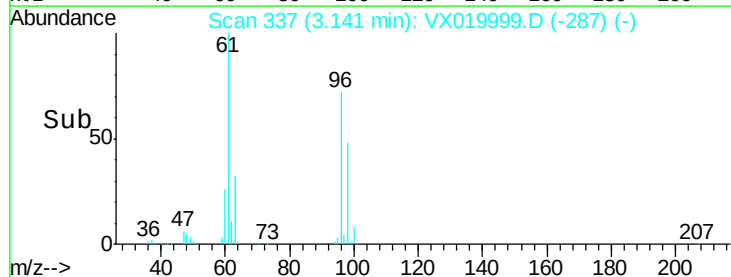
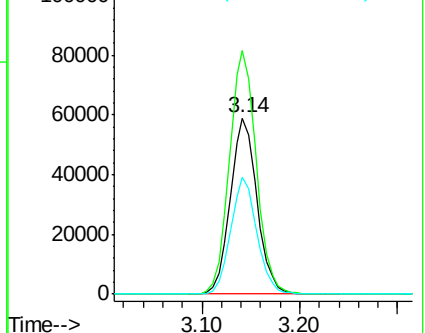
98 66.1 50.4 75.6

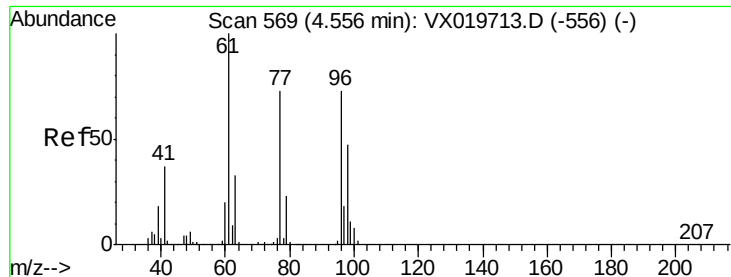


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



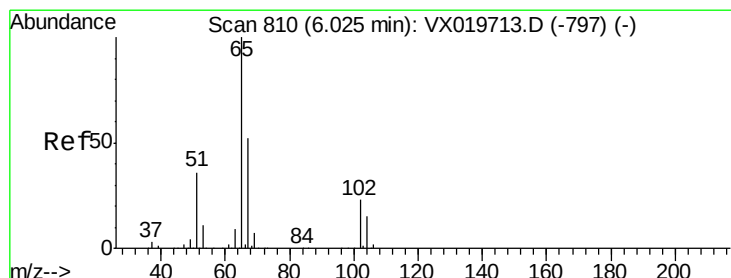
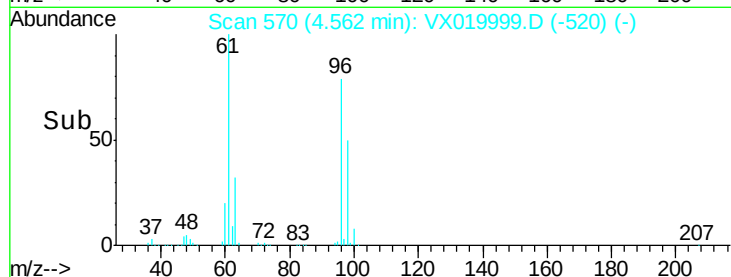
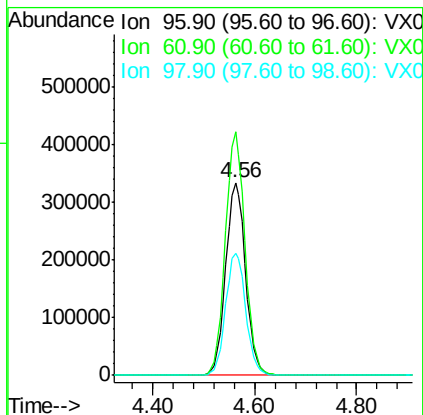
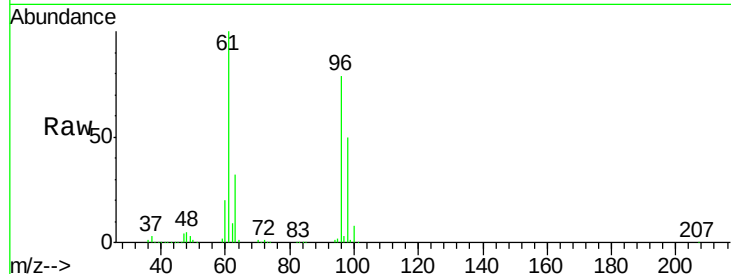


#27

cis-1,2-Dichloroethene
Concen: 234.884 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

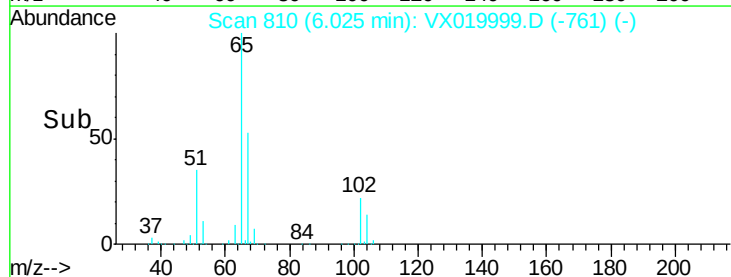
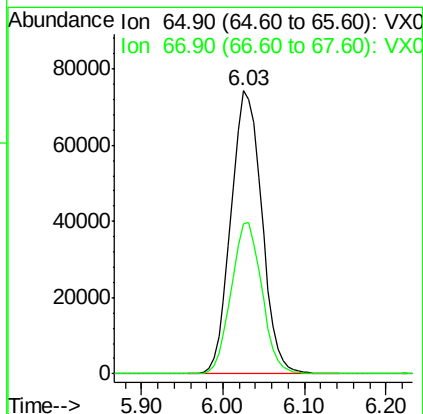
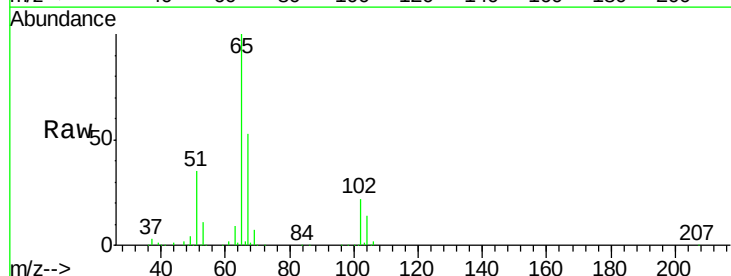
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	285.6
98	64.5	0.0	129.6

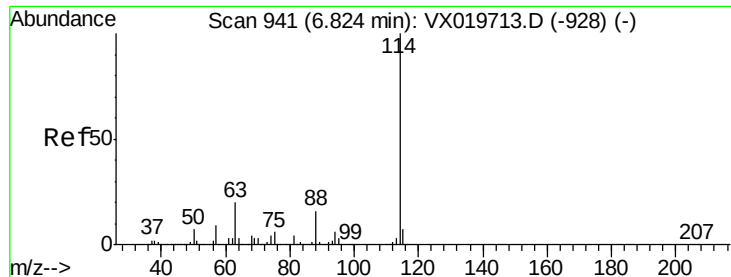


#33

1,2-Dichloroethane-d4
Concen: 48.257 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.0	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: VX019999.D

Acq: 14 Dec 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5778-121020

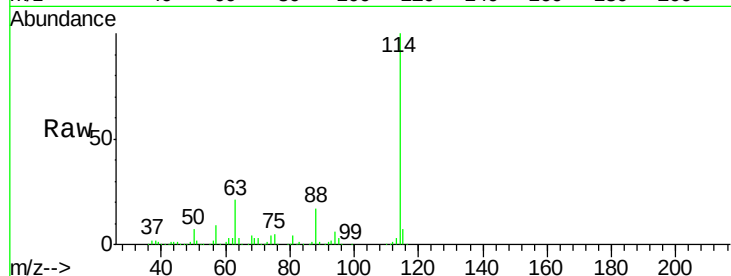
Tot Ion:114 Resp: 505327

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

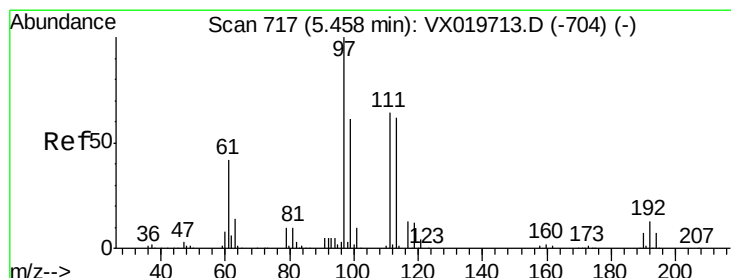
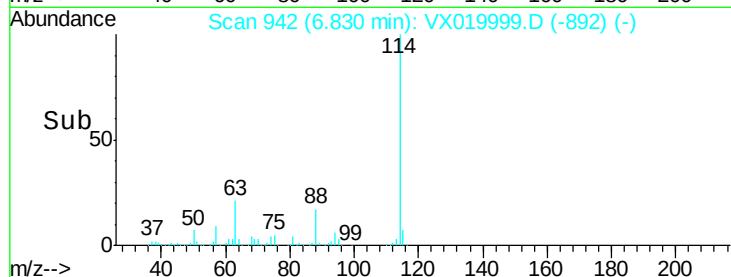
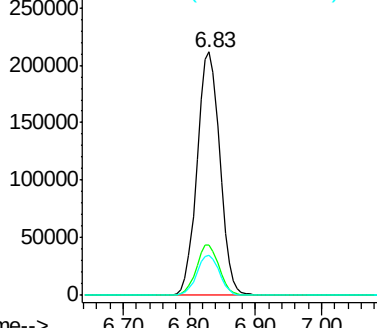
88 16.6 0.0 32.8



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: 48.692 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019999.D

Acq: 14 Dec 2020 20:08

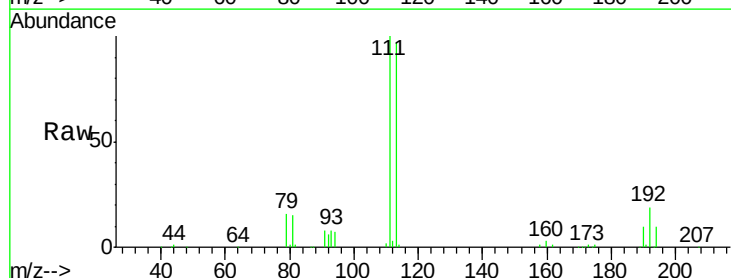
Tgt Ion:113 Resp: 159020

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

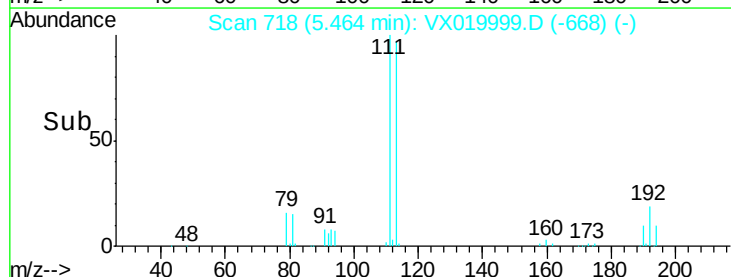
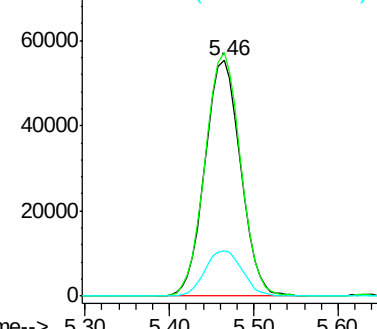
192 19.9 16.7 25.1

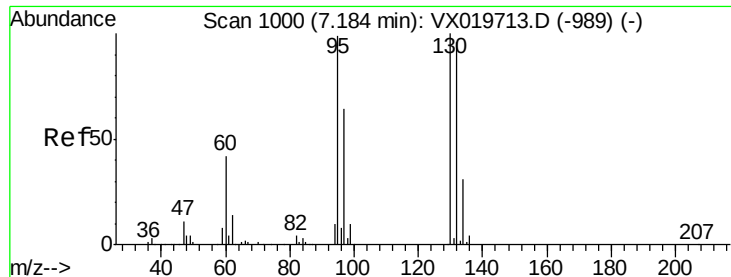


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 6.806 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019999.D

Acq: 14 Dec 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

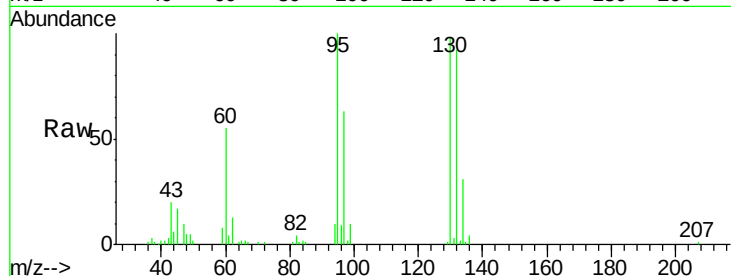
TU032-32-5778-121020

Tot Ion:130 Resp: 24909

Ion Ratio Lower Upper

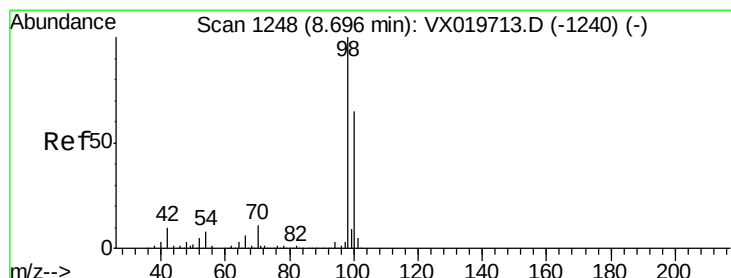
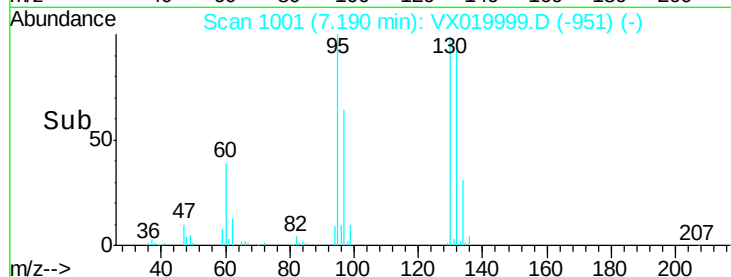
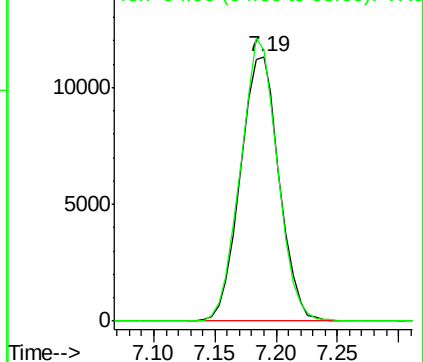
130 100

95 102.2 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.306 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019999.D

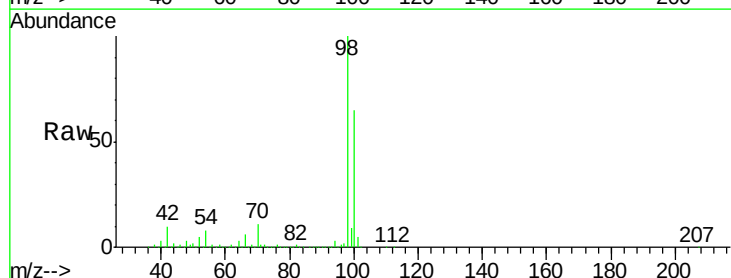
Acq: 14 Dec 2020 20:08

Tgt Ion: 98 Resp: 614762

Ion Ratio Lower Upper

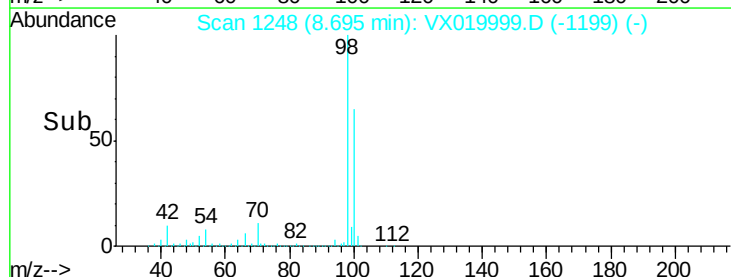
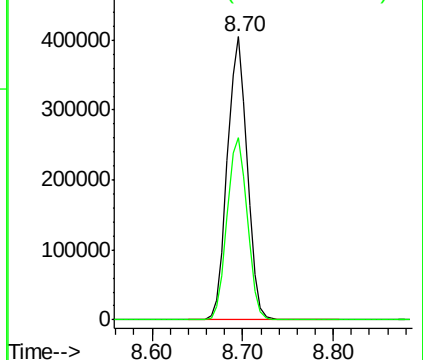
98 100

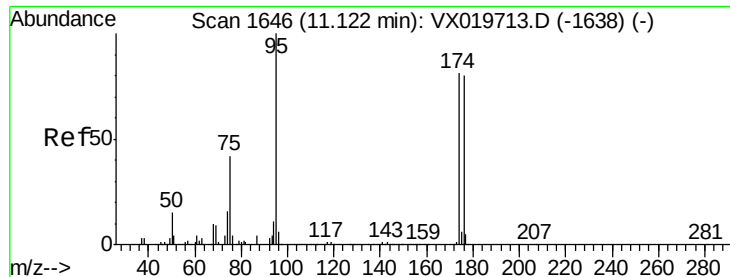
100 65.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

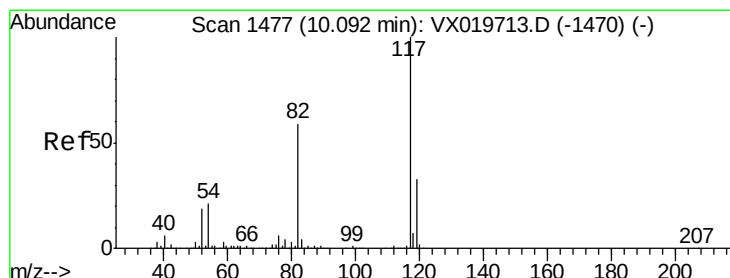
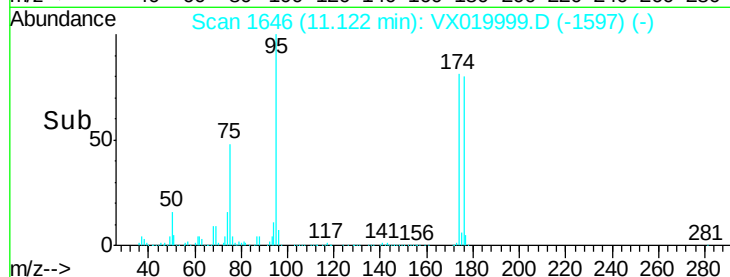
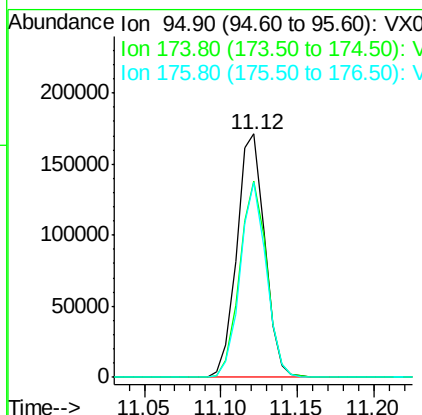
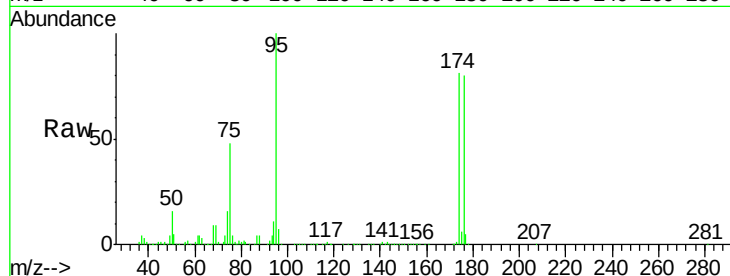




#62
4-Bromofluorobenzene
Concen: 45.673 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

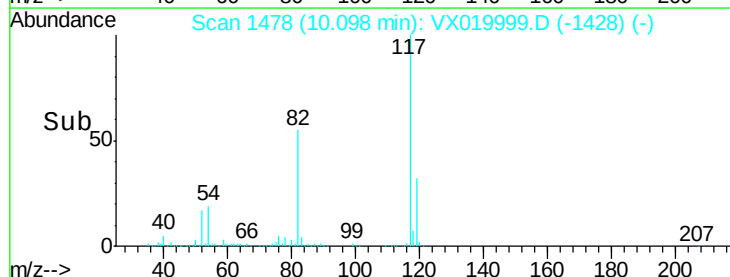
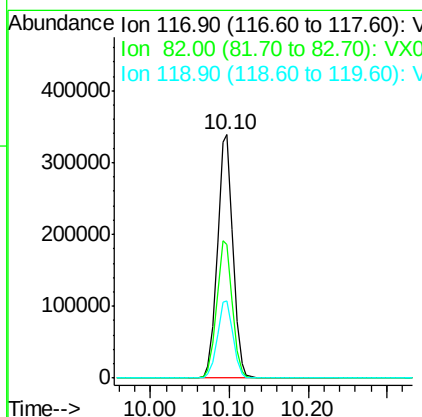
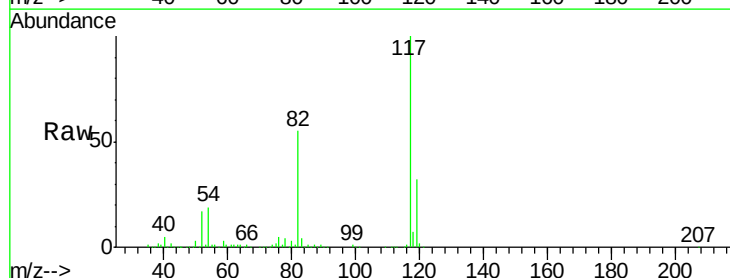
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

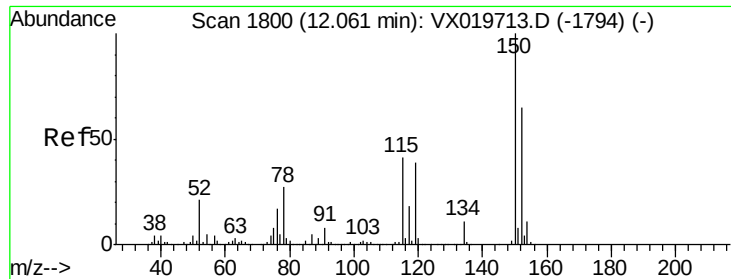
Tot Ion: 95 Resp: 216744
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 75.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion: 117 Resp: 463496
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 32.0 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019999.D

Acq: 14 Dec 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5778-121020

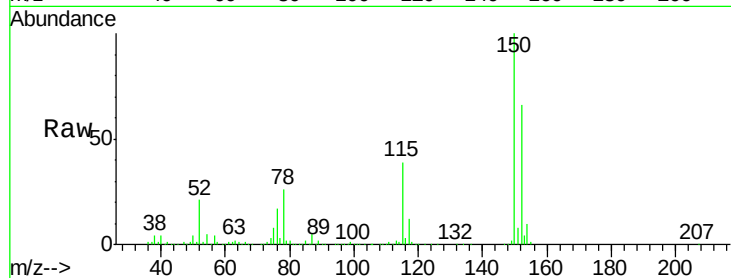
Tot Ion:152 Resp: 205376

Ion Ratio Lower Upper

152 100

115 58.8 41.1 123.3

150 155.0 0.0 349.0



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

