

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019985.D
 Acq On : 14 Dec 2020 14:42
 Operator : JC/MD
 Sample : L5052-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-6777-121020

Quant Time: Dec 15 14:49:49 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	303880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	465796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206377	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	195820	49.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.06%
35) Dibromofluoromethane	5.46	113	157802	48.40	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.80%
50) Toluene-d8	8.70	98	614859	49.39	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.78%
62) 4-Bromofluorobenzene	11.12	95	215631	45.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.02%

Target Compounds

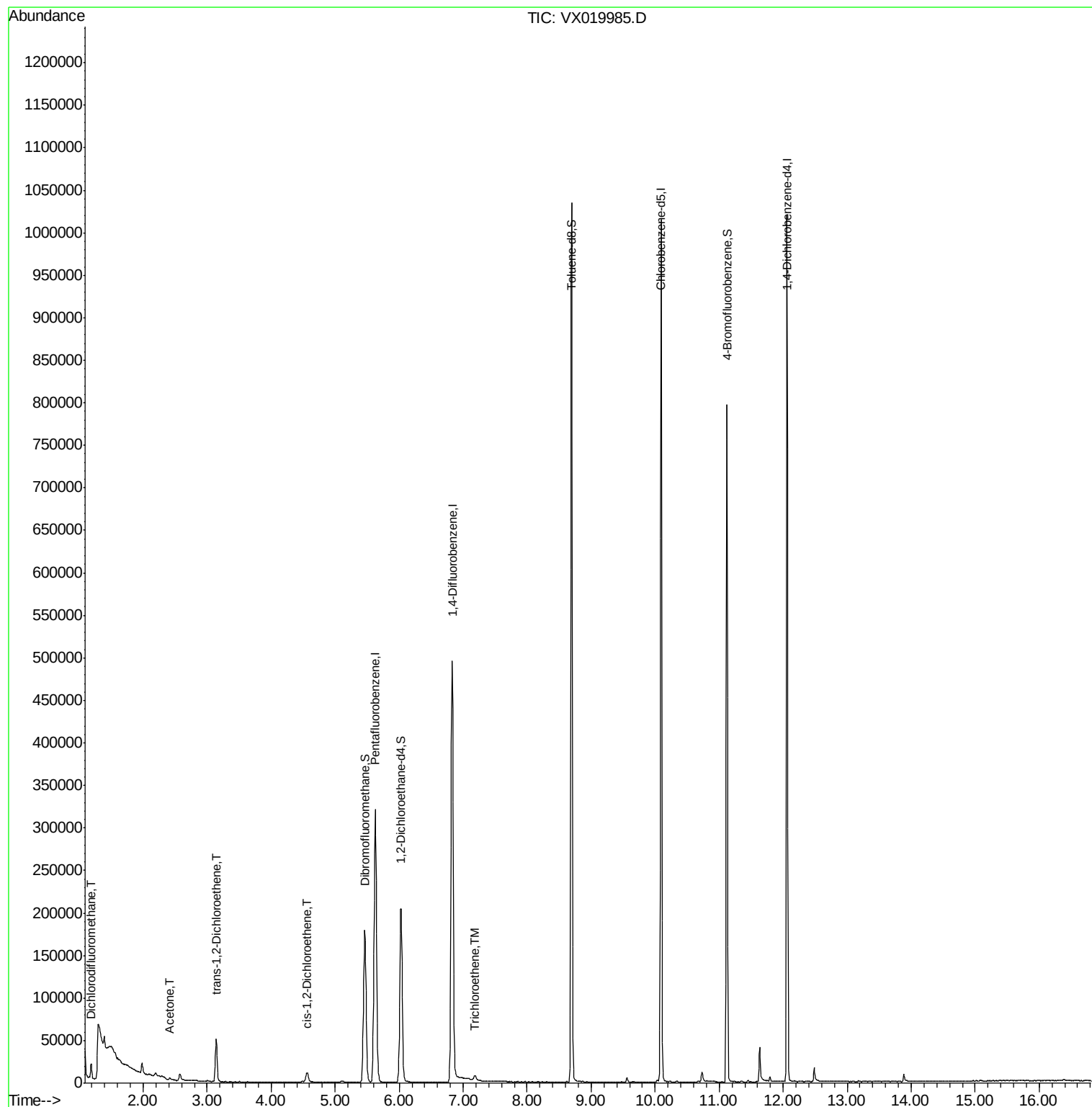
					Qvalue
2) Dichlorodifluoromethane	1.18	85	6026	2.166	ug/l 96
16) Acetone	2.42	43	2425	1.615	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	20045	6.175	ug/l 88
27) cis-1,2-Dichloroethene	4.56	96	7390	1.945	ug/l 100
44) Trichloroethene	7.19	130	1393	0.381	ug/l 93

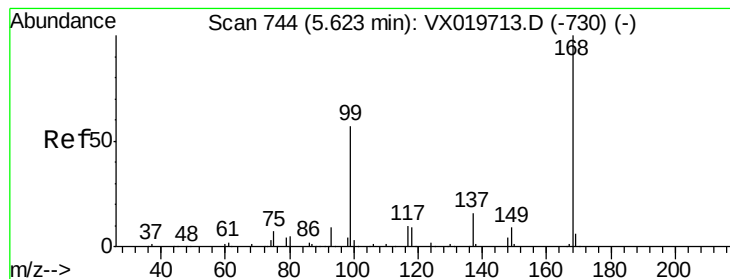
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019985.D

Acq: 14 Dec 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

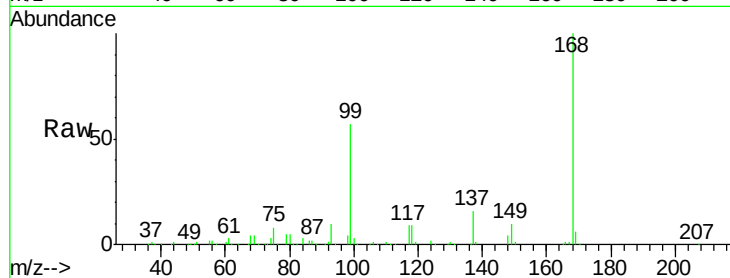
TU032-32-6777-121020

Tot Ion:168 Resp: 303880

Ion Ratio Lower Upper

168 100

99 56.9 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

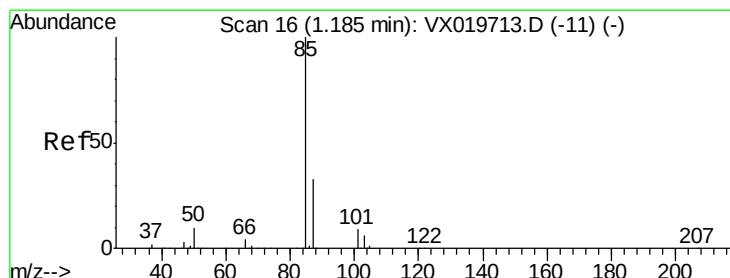
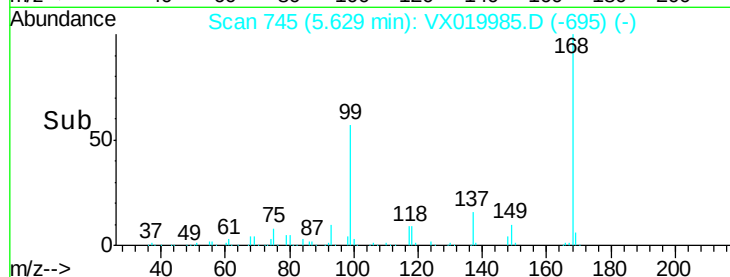
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.166 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019985.D

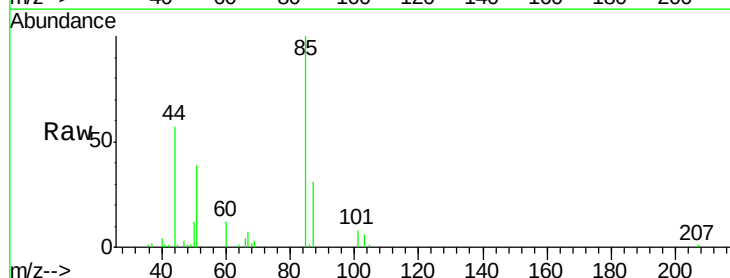
Acq: 14 Dec 2020 14:42

Tgt Ion: 85 Resp: 6026

Ion Ratio Lower Upper

85 100

87 30.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

8000

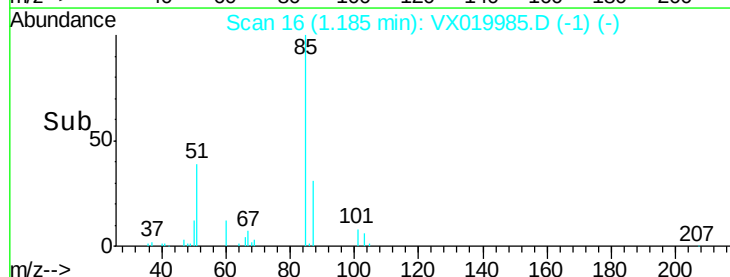
6000

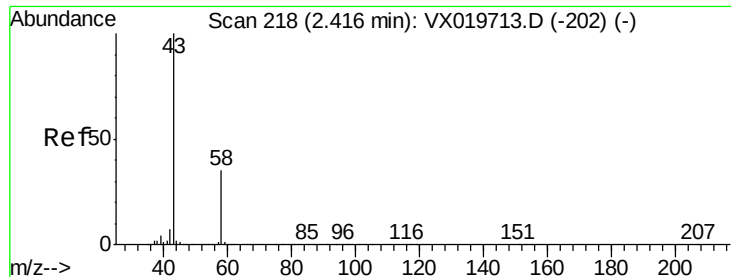
4000

2000

0

Time-->





#16

Acetone

Concen: 1.615 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019985.D

Acq: 14 Dec 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

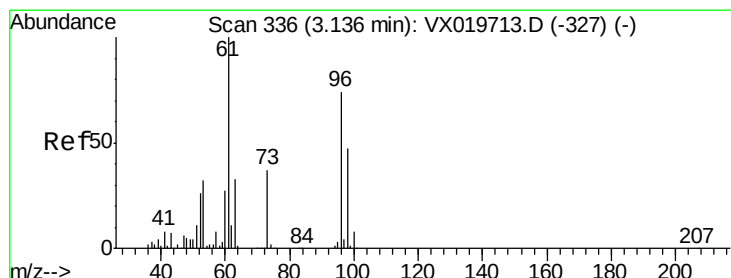
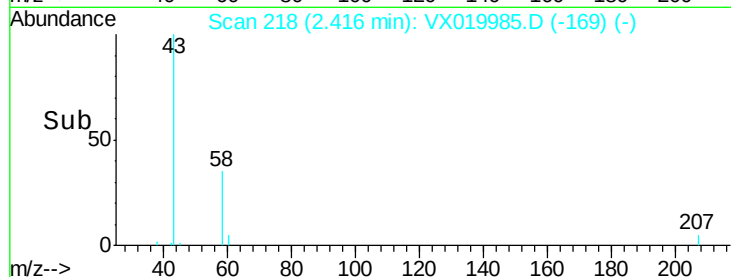
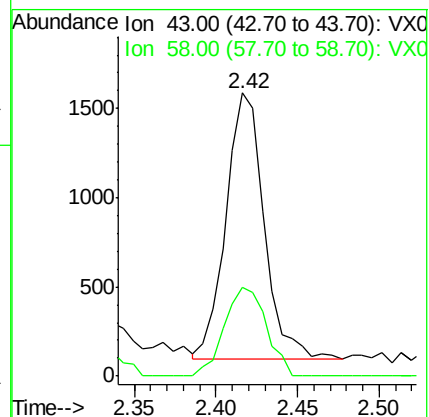
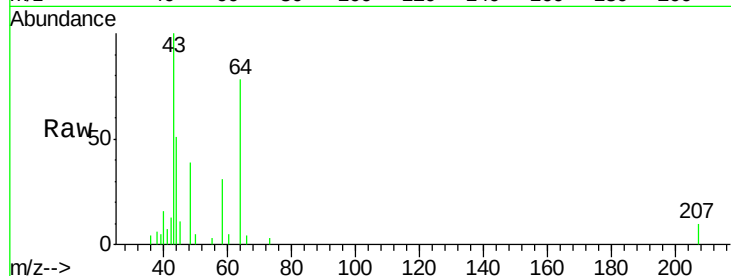
TU032-32-6777-121020

Tot Ion: 43 Resp: 2425

Ion Ratio Lower Upper

43 100

58 33.2 27.8 41.8



#21

trans-1,2-Dichloroethene

Concen: 6.175 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019985.D

Acq: 14 Dec 2020 14:42

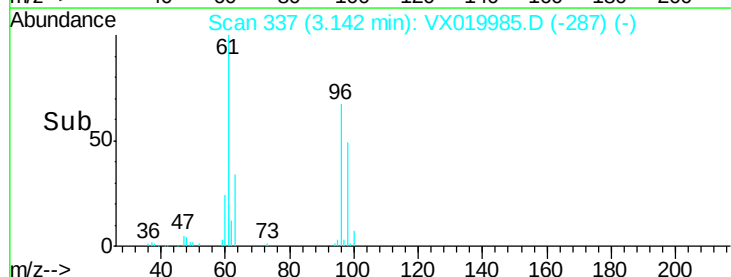
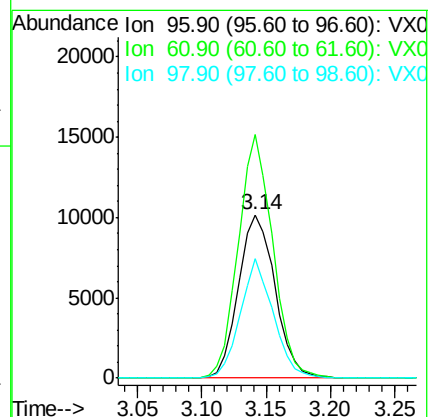
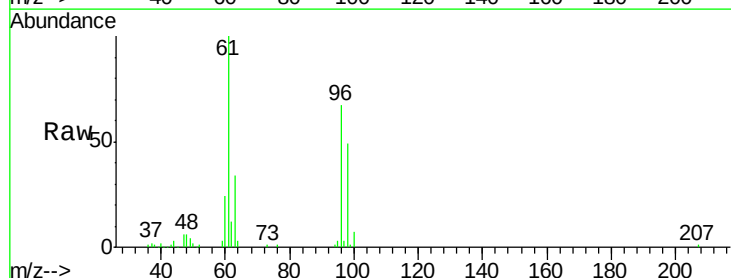
Tgt Ion: 96 Resp: 20045

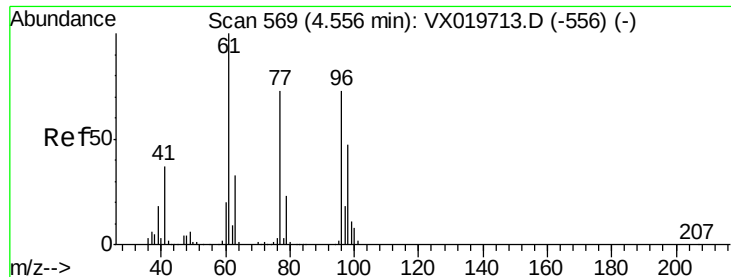
Ion Ratio Lower Upper

96 100

61 148.9 107.7 161.5

98 73.1 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 1.945 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX019985.D

Acq: 14 Dec 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-6777-121020

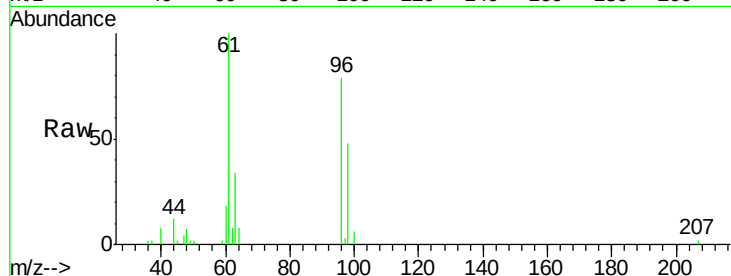
Tot Ion: 96 Resp: 7390

Ion Ratio Lower Upper

96 100

61 142.7 0.0 285.6

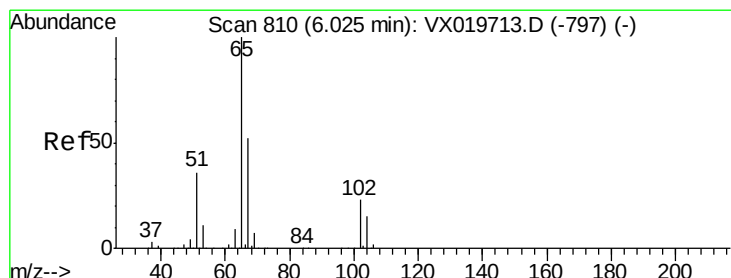
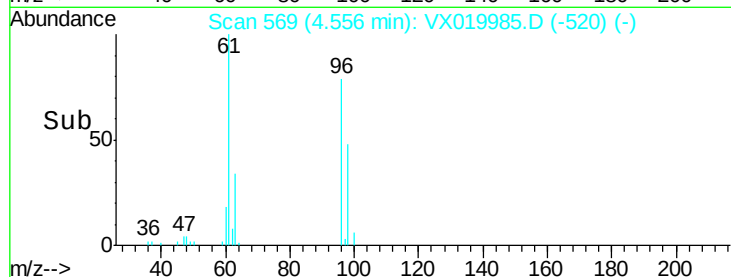
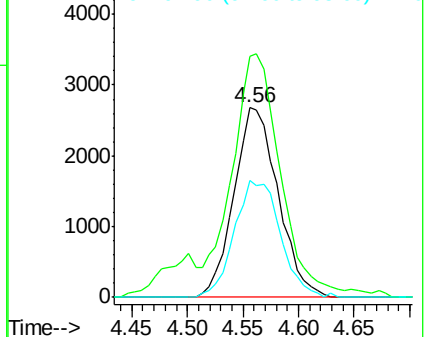
98 64.1 0.0 129.6



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



#33

1,2-Dichloroethane-d4

Concen: 49.030 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019985.D

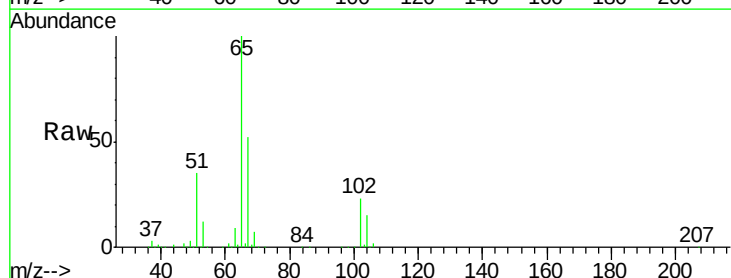
Acq: 14 Dec 2020 14:42

Tgt Ion: 65 Resp: 195820

Ion Ratio Lower Upper

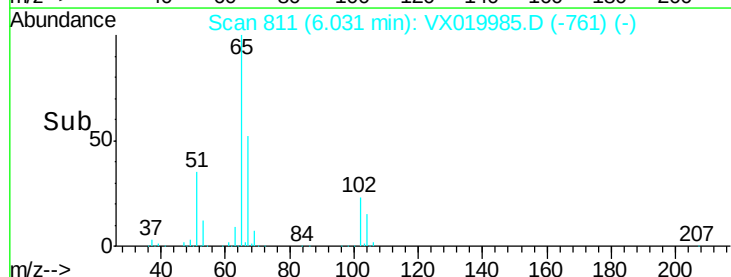
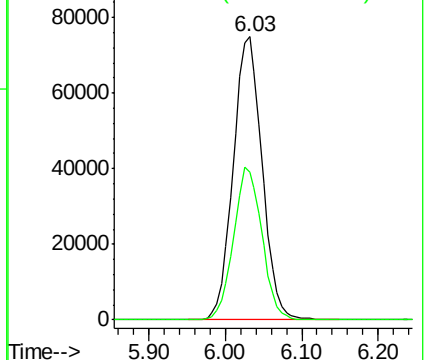
65 100

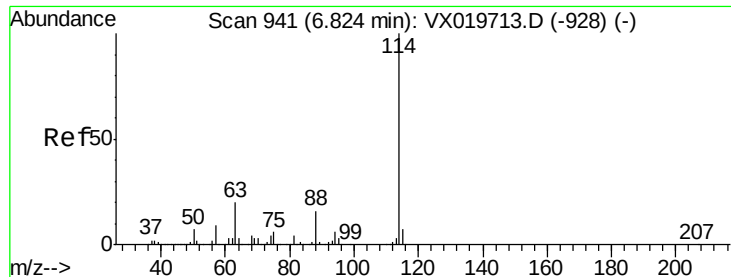
67 53.0 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019985.D

Acq: 14 Dec 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-6777-121020

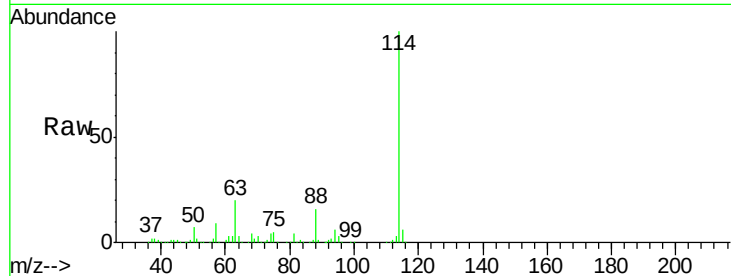
Tot Ion:114 Resp: 504523

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

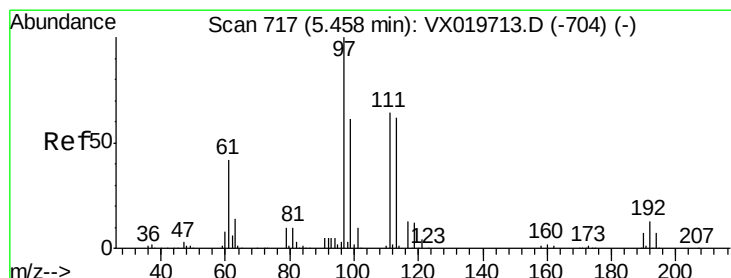
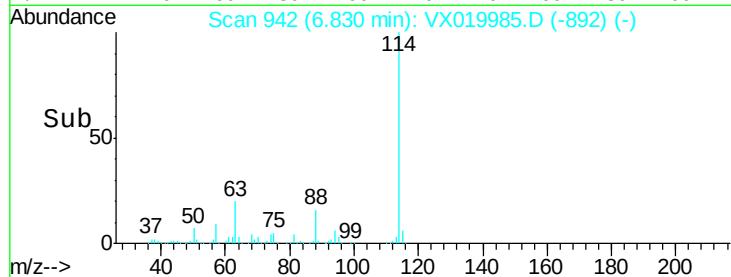
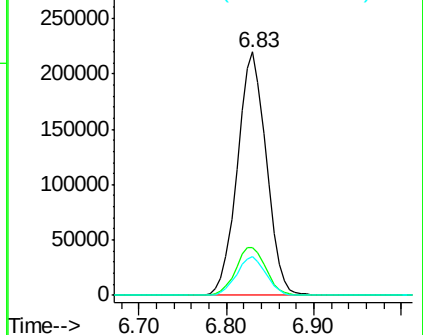
88 15.7 0.0 32.8



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: 48.396 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019985.D

Acq: 14 Dec 2020 14:42

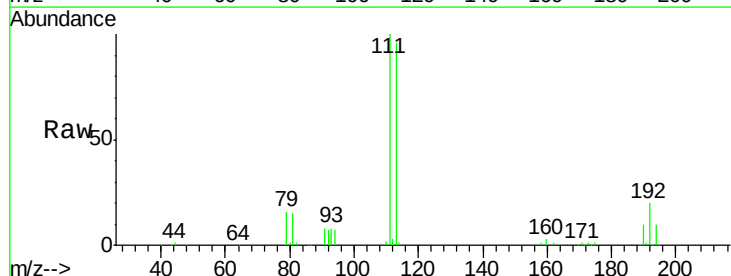
Tgt Ion:113 Resp: 157802

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

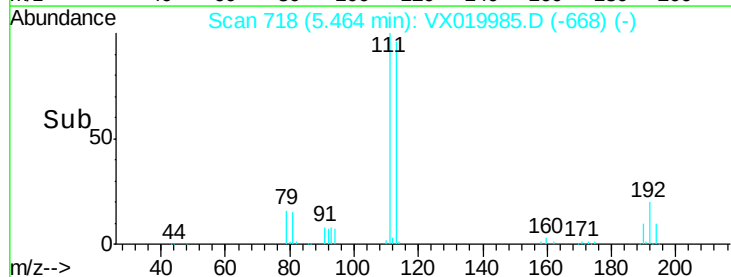
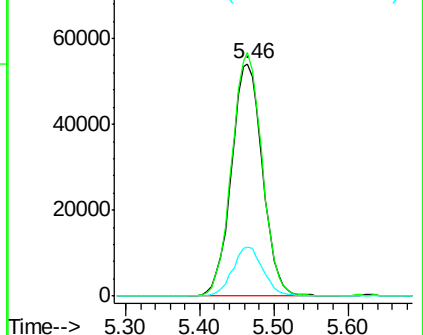
192 20.5 16.7 25.1

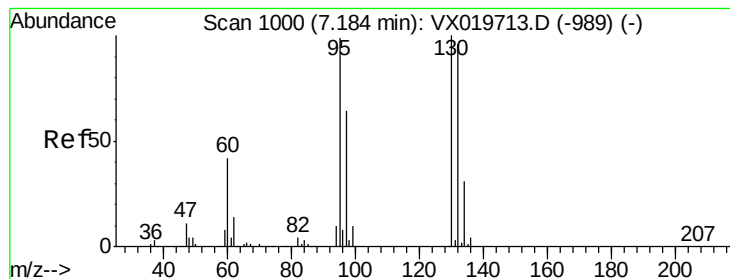


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.381 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019985.D

Acq: 14 Dec 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

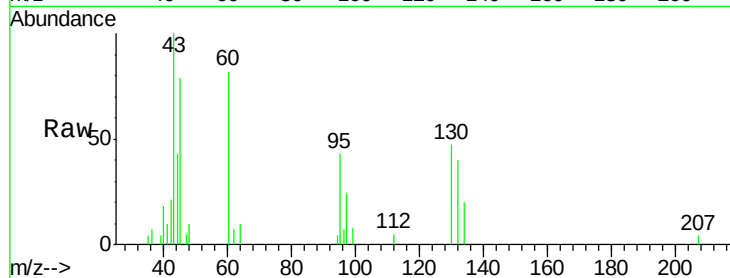
TU032-32-6777-121020

Tot Ion:130 Resp: 1393

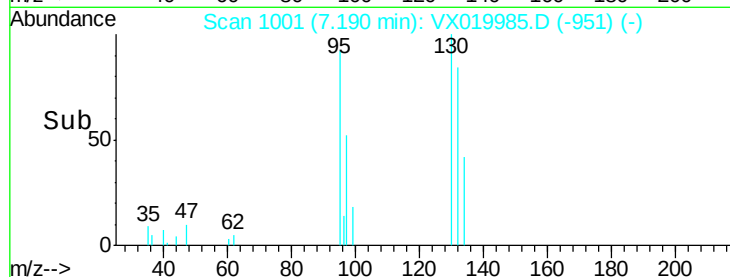
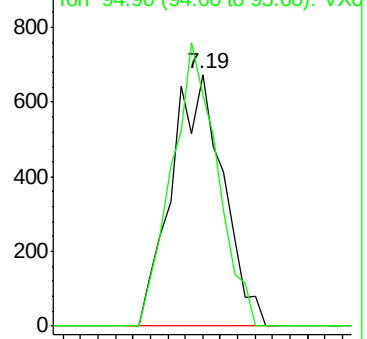
Ion Ratio Lower Upper

130 100

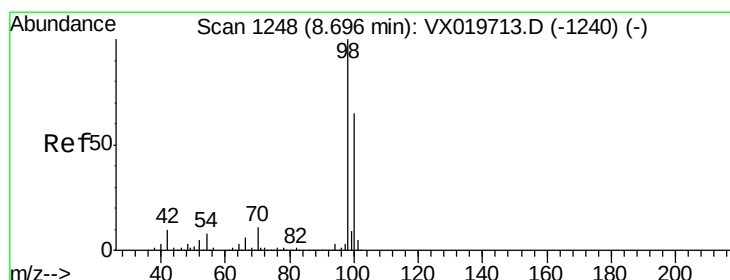
95 91.7 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V



Time-->



#50

Toluene-d8

Concen: 49.393 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019985.D

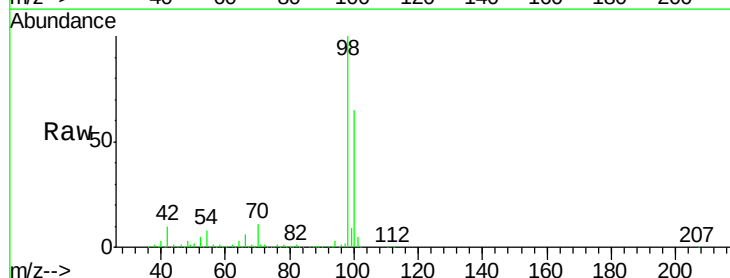
Acq: 14 Dec 2020 14:42

Tgt Ion: 98 Resp: 614859

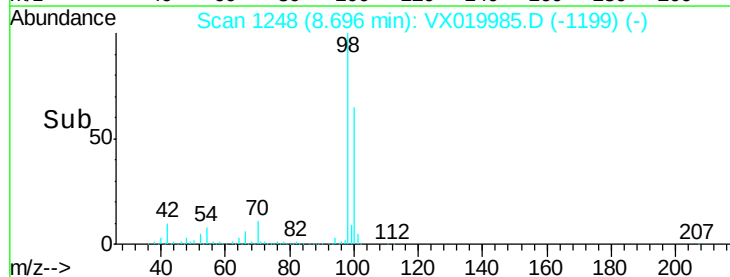
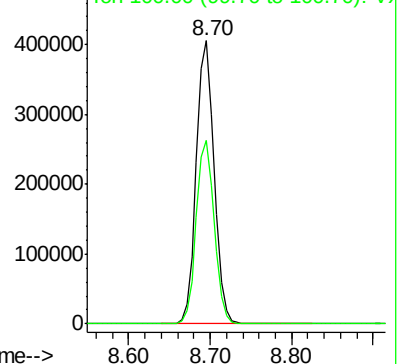
Ion Ratio Lower Upper

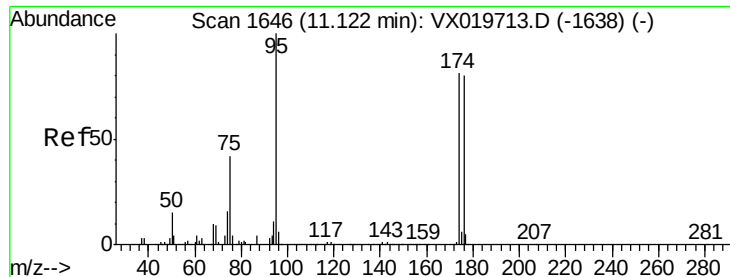
98 100

100 65.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.511 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019985.D

Acq: 14 Dec 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-6777-121020

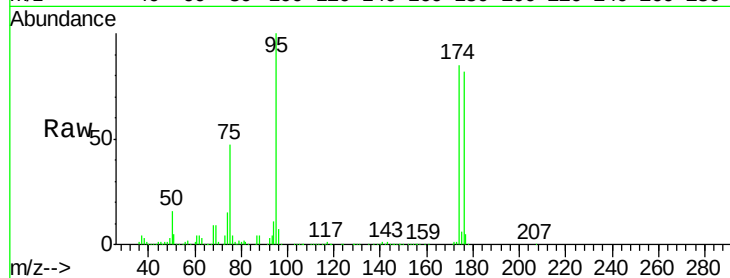
Tot Ion: 95 Resp: 215631

Ion Ratio Lower Upper

95 100

174 77.4 0.0 154.6

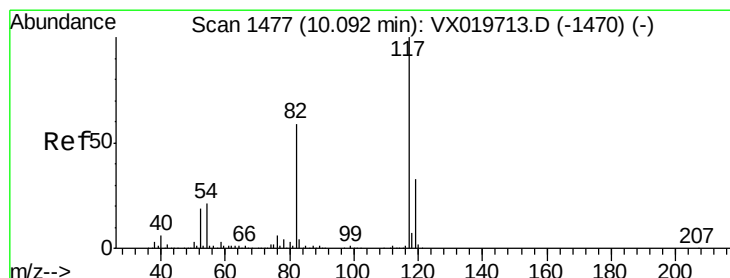
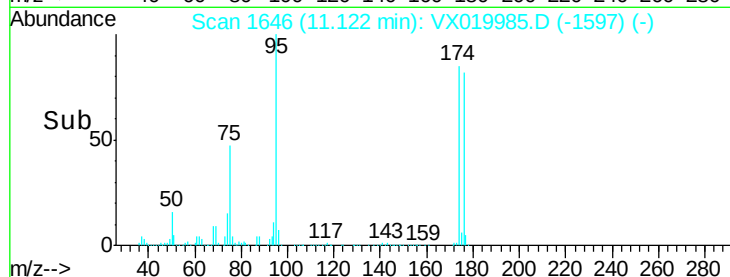
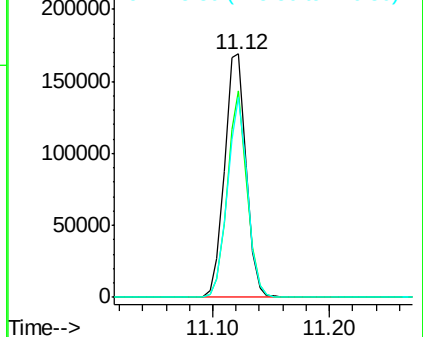
176 76.5 0.0 155.8



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: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019985.D

Acq: 14 Dec 2020 14:42

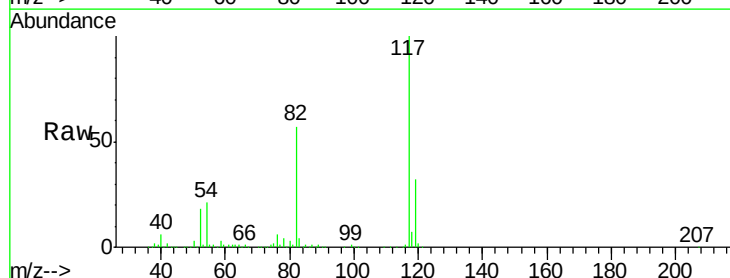
Tgt Ion: 117 Resp: 465796

Ion Ratio Lower Upper

117 100

82 57.4 47.4 71.2

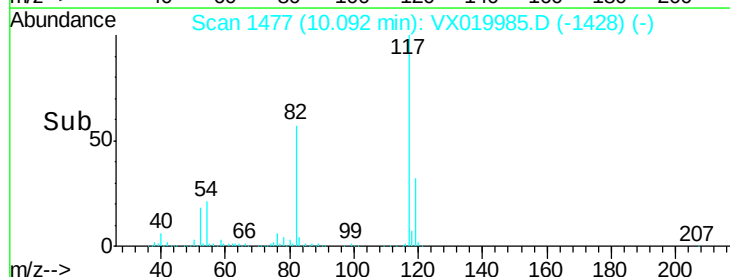
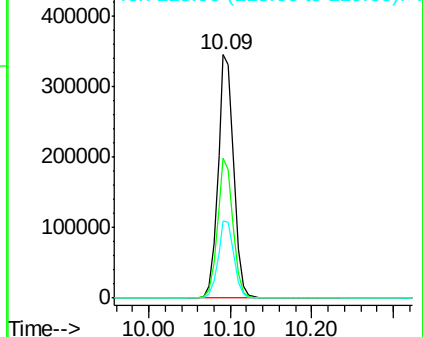
119 31.9 26.6 39.8

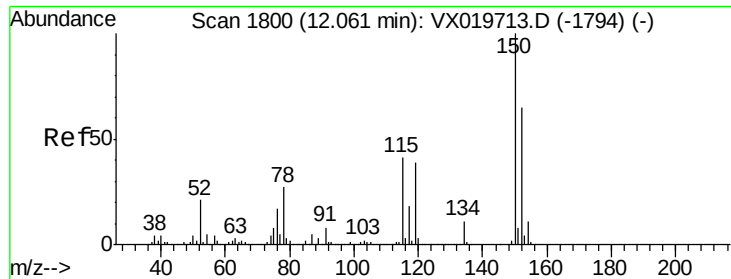


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX019985.D

Acq: 14 Dec 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-6777-121020

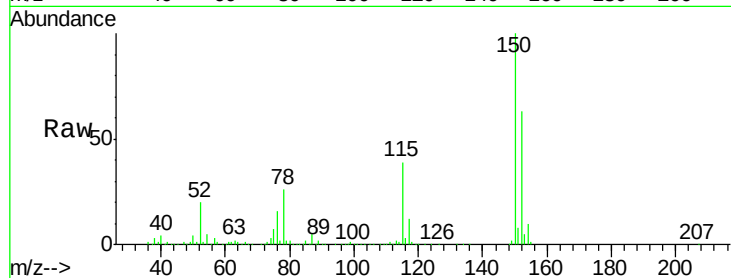
Tot Ion:152 Resp: 206377

Ion Ratio Lower Upper

152 100

115 59.8 41.1 123.3

150 156.3 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

