

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019823.D
 Acq On : 10 Dec 2020 14:21
 Operator : JC/MD
 Sample : L4996-03 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20201208

Quant Time: Dec 11 12:41:20 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	5.62	168	294942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	487844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184879	47.69	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.38%
35) Dibromofluoromethane	5.46	113	146176	46.36	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.72%
50) Toluene-d8	8.70	98	596048	49.52	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.04%
62) 4-Bromofluorobenzene	11.12	95	221292	48.30	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.60%

Target Compounds

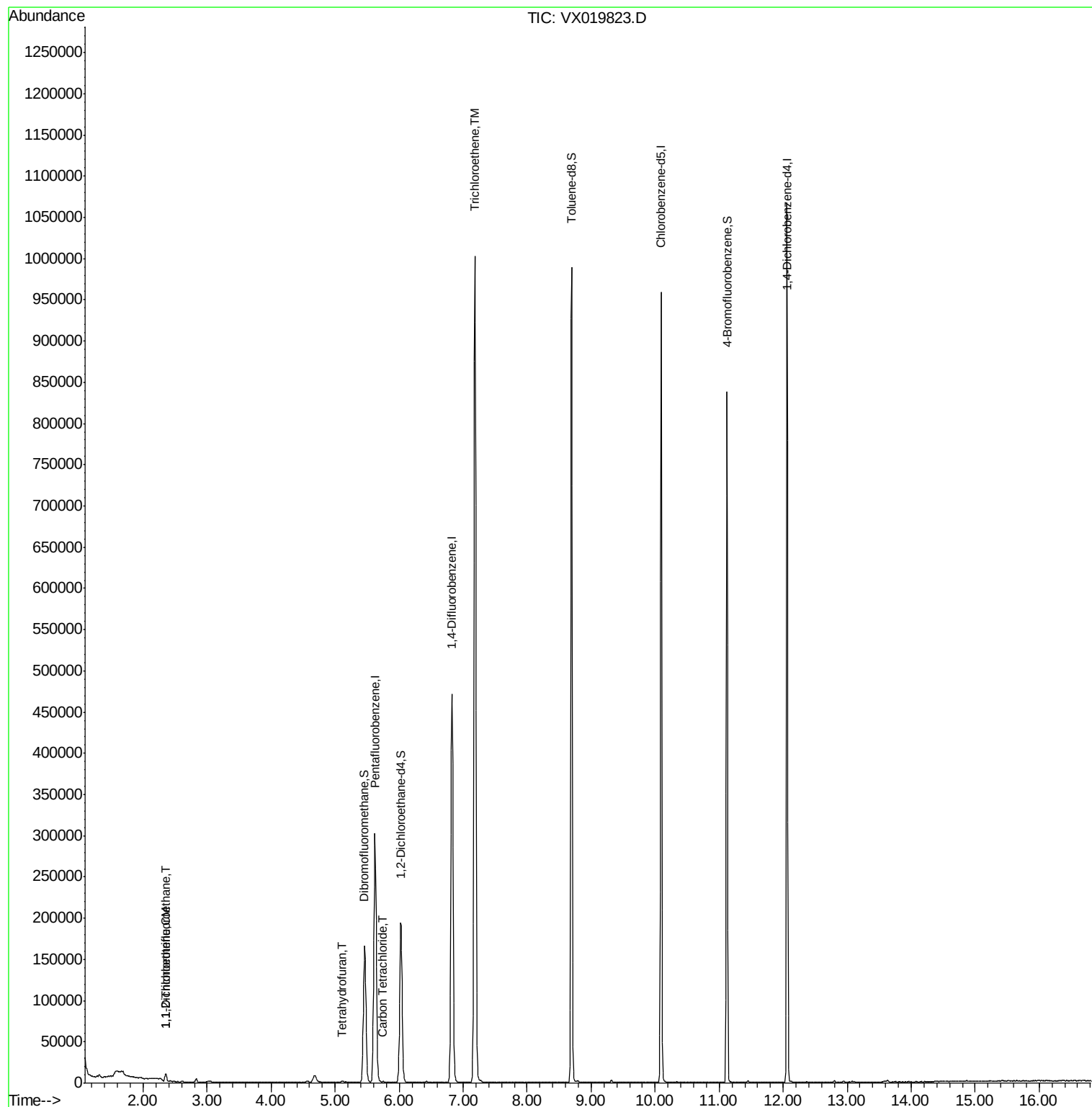
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.36	101	2926	1.095	ug/l	99
12) 1,1-Dichloroethene	2.35	96	1223	0.453	ug/l #	86
29) Tetrahydrofuran	5.12	42	1245	0.863	ug/l	94
38) Carbon Tetrachloride	5.75	117	1010	0.234	ug/l #	88
44) Trichloroethene	7.18	130	387662	109.720	ug/l	99

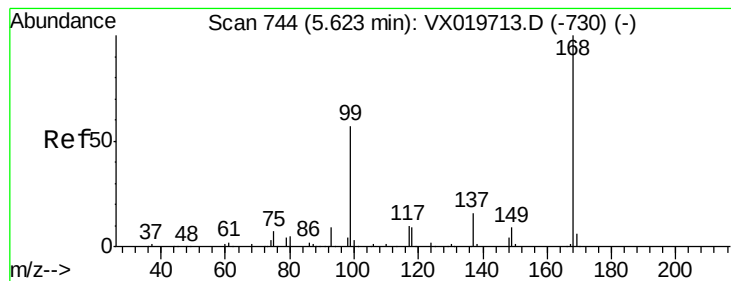
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE105D2-20201208

Quant Time: Dec 11 12:41:20 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: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019823.D

Acq: 10 Dec 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

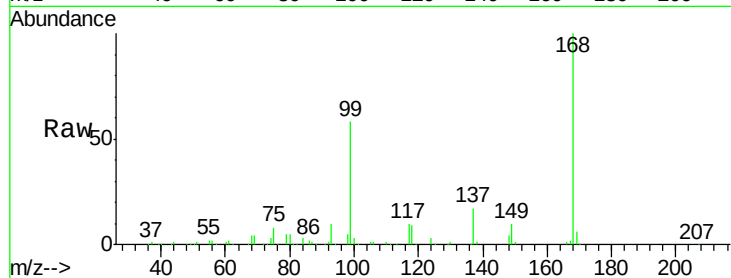
RE105D2-20201208

Tot Ion:168 Resp: 294942

Ion Ratio Lower Upper

168 100

99 57.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

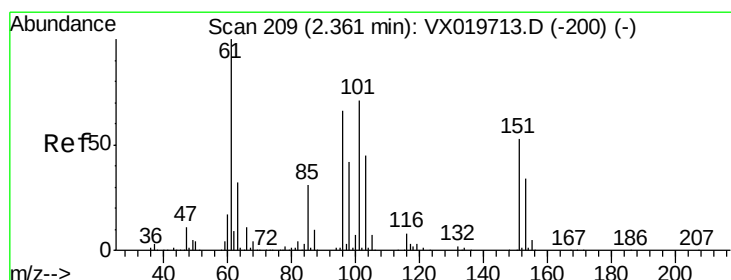
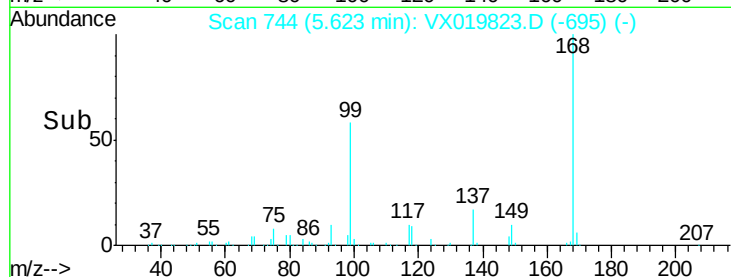
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.095 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019823.D

Acq: 10 Dec 2020 14:21

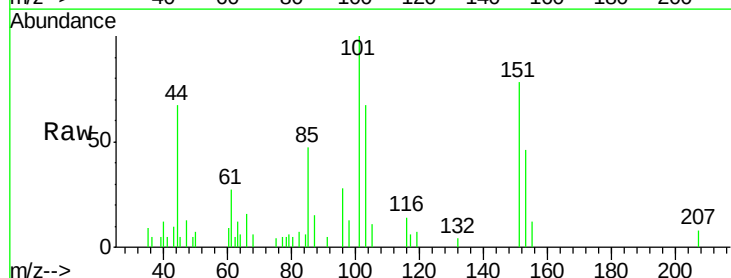
Tgt Ion:101 Resp: 2926

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

151 75.9 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2000

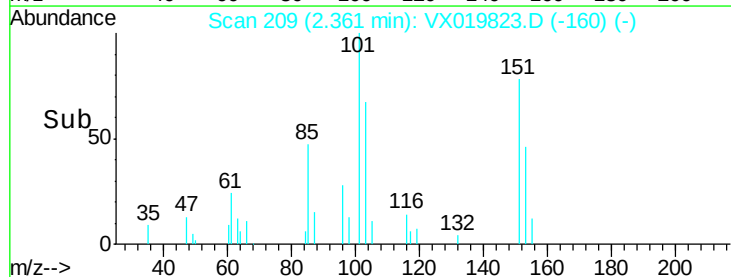
1500

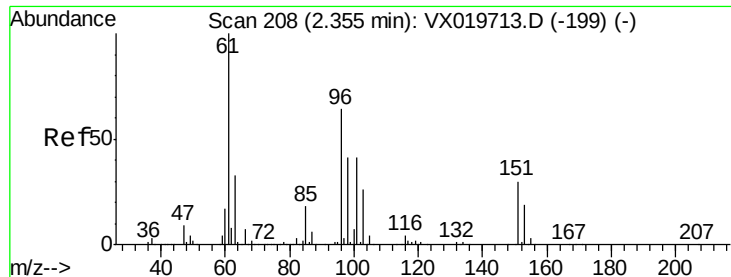
1000

500

0

Time-->

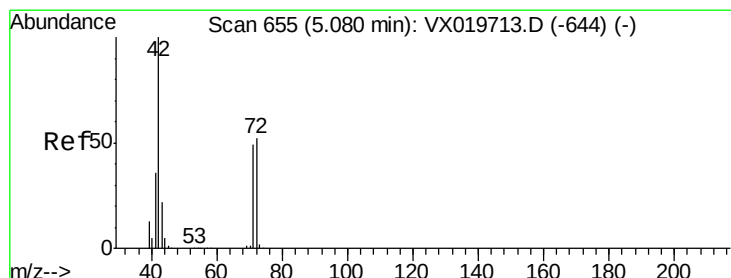
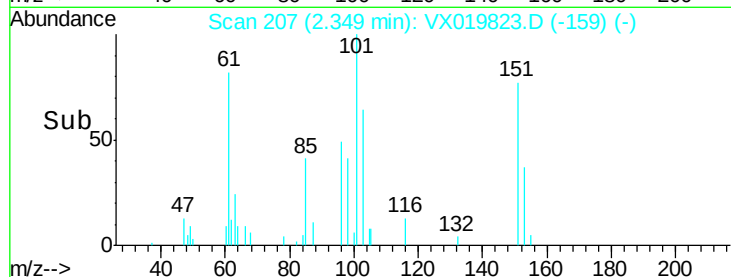
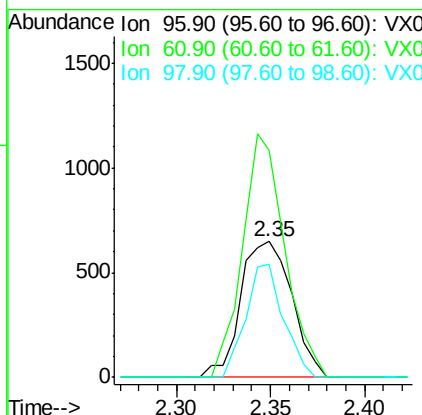
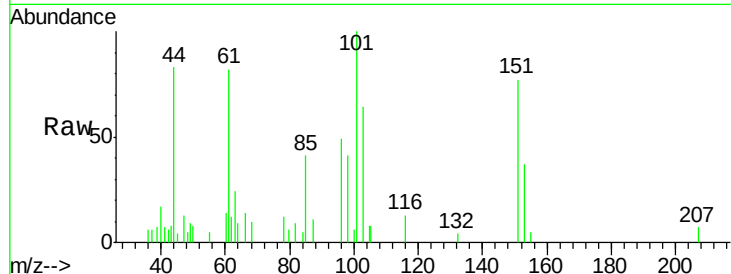




#12
 1,1-Dichloroethene
 Concen: 0.453 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX019823.D
 Acq: 10 Dec 2020 14:21

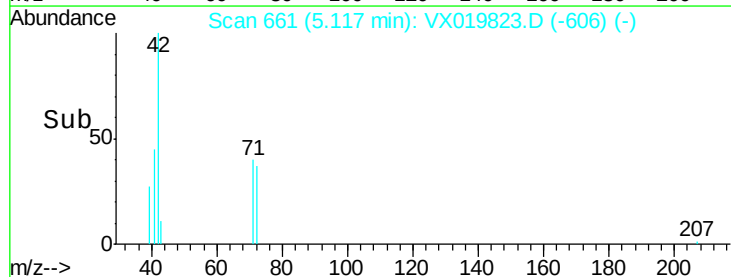
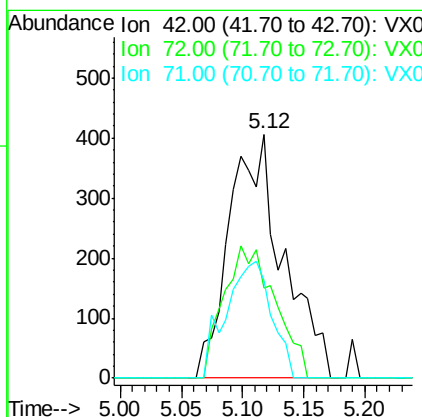
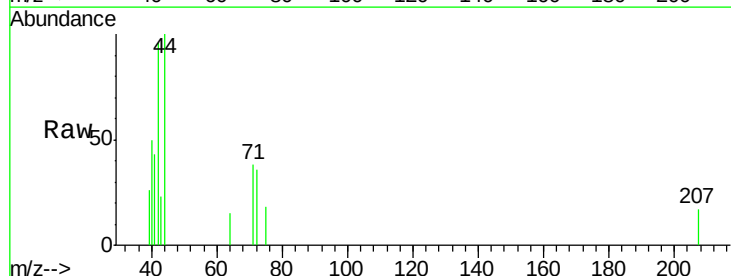
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20201208

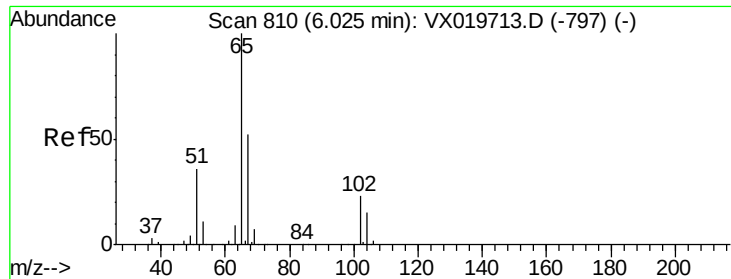
Tot Ion: 96 Resp: 1223
 Ion Ratio Lower Upper
 96 100
 61 167.7 124.6 187.0
 98 83.2 50.6 76.0#



#29
 Tetrahydrofuran
 Concen: 0.863 ug/l
 RT: 5.12 min Scan# 661
 Delta R.T. 0.04 min
 Lab File: VX019823.D
 Acq: 10 Dec 2020 14:21

Tgt Ion: 42 Resp: 1245
 Ion Ratio Lower Upper
 42 100
 72 51.7 41.7 62.5
 71 40.5 38.4 57.6

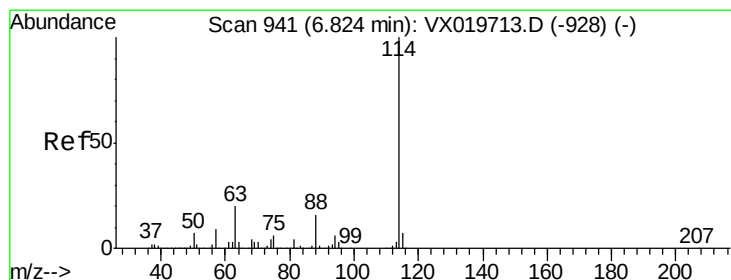
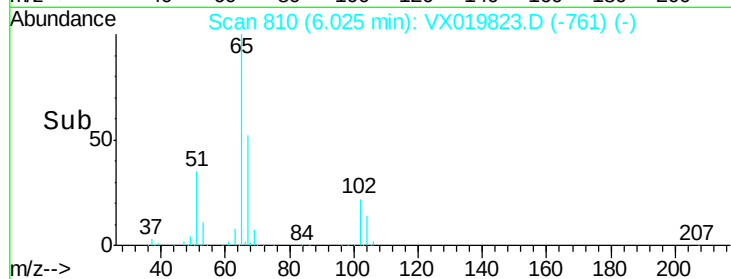
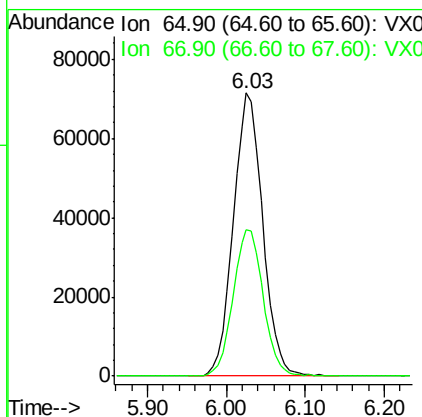
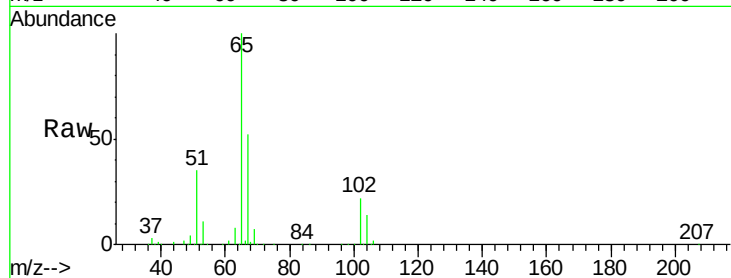




#33
 1,2-Dichloroethane-d4
 Concen: 47.693 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019823.D
 Acq: 10 Dec 2020 14:21

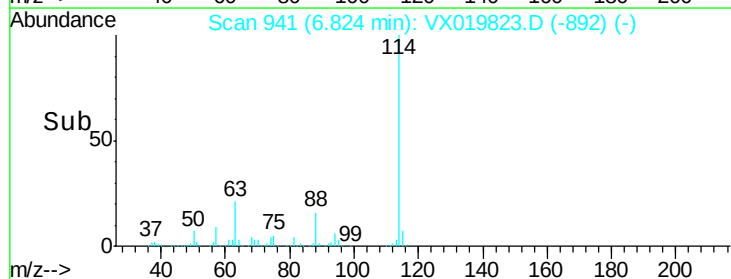
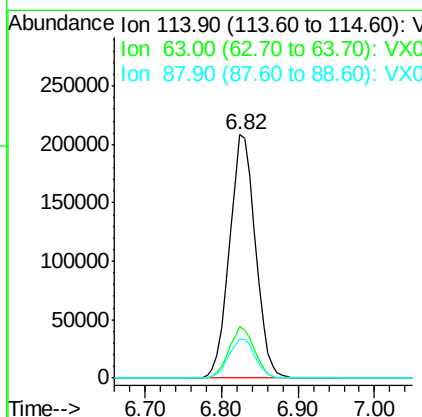
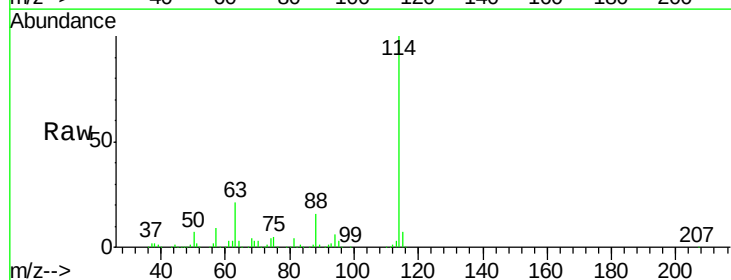
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20201208

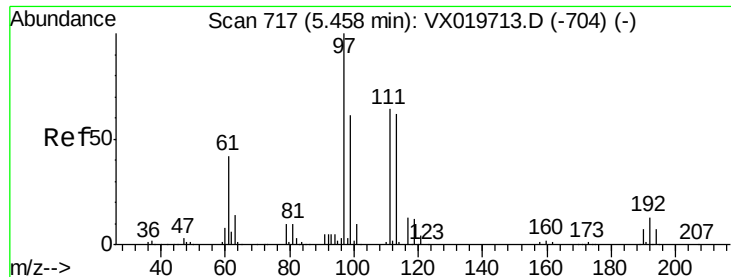
Tot Ion: 65 Resp: 184879
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX019823.D
 Acq: 10 Dec 2020 14:21

Tgt Ion: 114 Resp: 487844
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 16.0 0.0 32.8

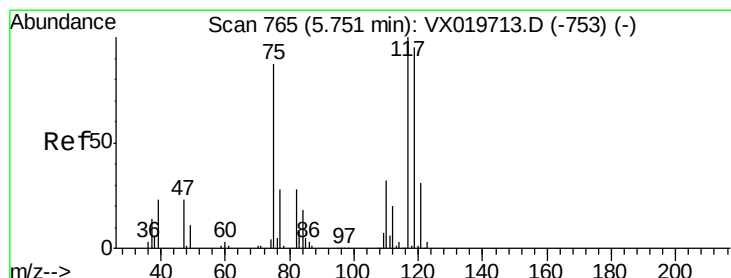
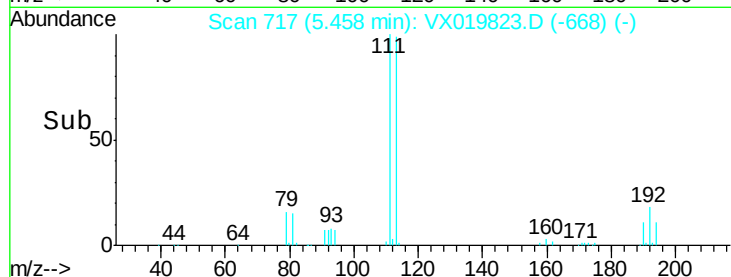
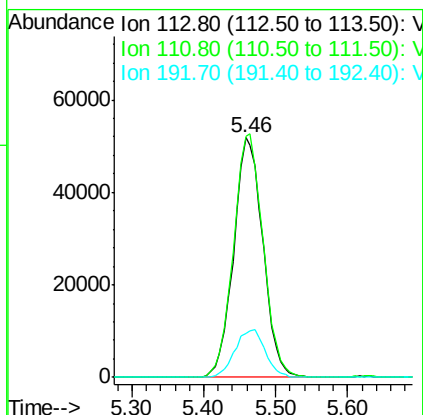
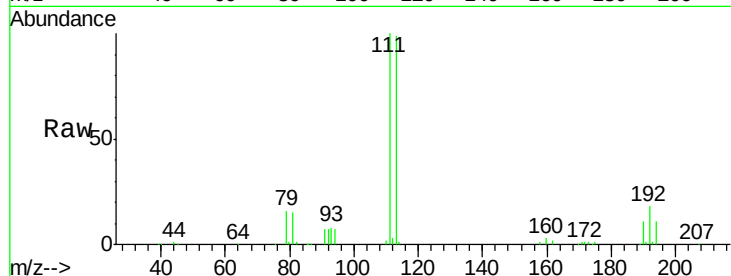




#35
 Dibromofluoromethane
 Concen: 46.363 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX019823.D
 Acq: 10 Dec 2020 14:21

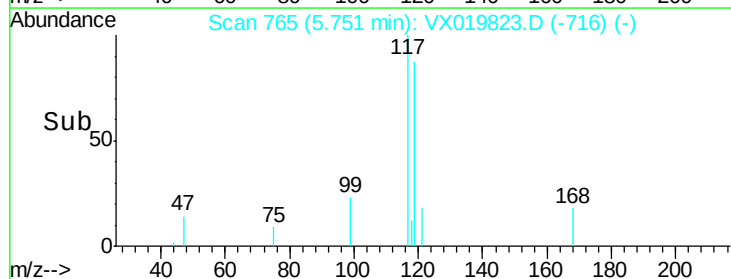
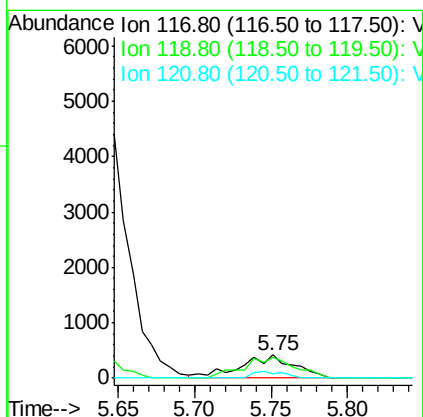
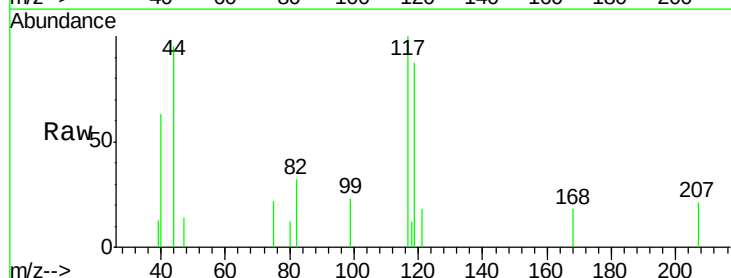
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20201208

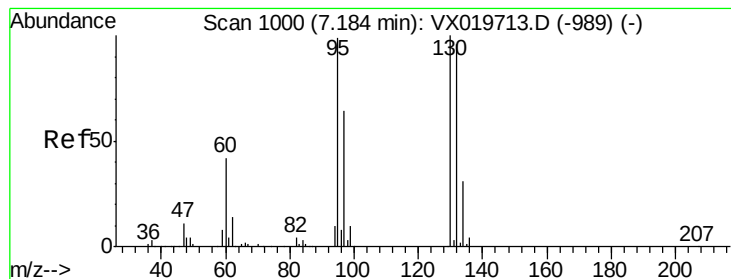
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	20.7	16.7	25.1



#38
 Carbon Tetrachloride
 Concen: 0.234 ug/l
 RT: 5.75 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: VX019823.D
 Acq: 10 Dec 2020 14:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.2	76.2	114.2
121	18.2	24.8	37.2





#44

Trichloroethene

Concen: 109.720 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019823.D

Acq: 10 Dec 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

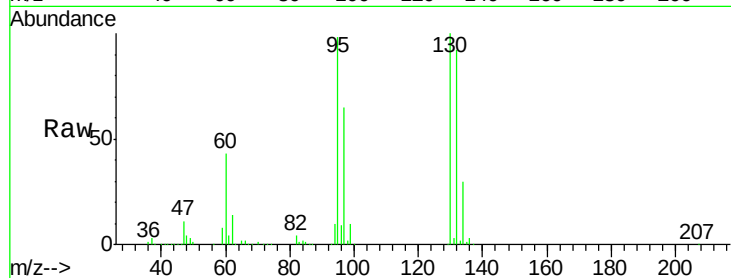
RE105D2-20201208

Tot Ion:130 Resp: 387662

Ion Ratio Lower Upper

130 100

95 98.1 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

200000

150000

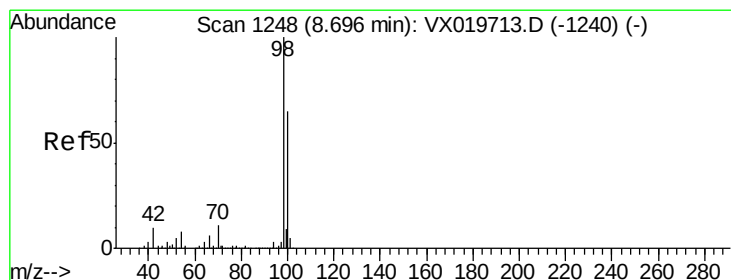
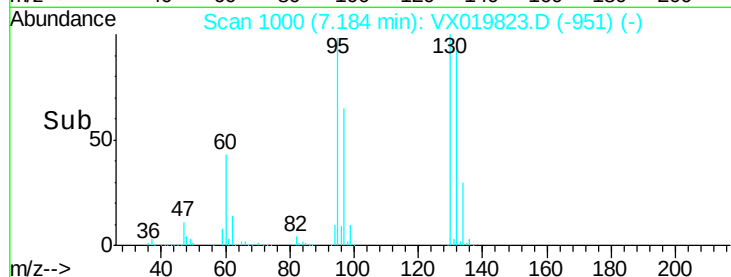
100000

50000

0

7.10 7.20 7.30 7.40

Time-->



#50

Toluene-d8

Concen: 49.519 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019823.D

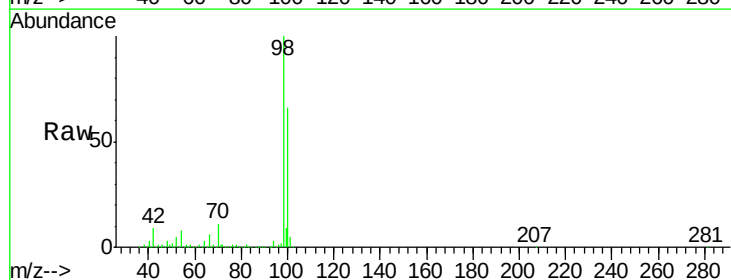
Acq: 10 Dec 2020 14:21

Tgt Ion: 98 Resp: 596048

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

300000

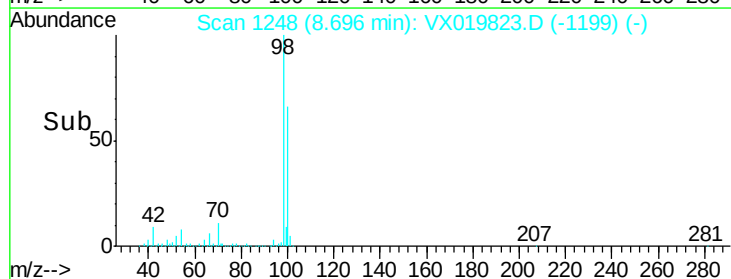
200000

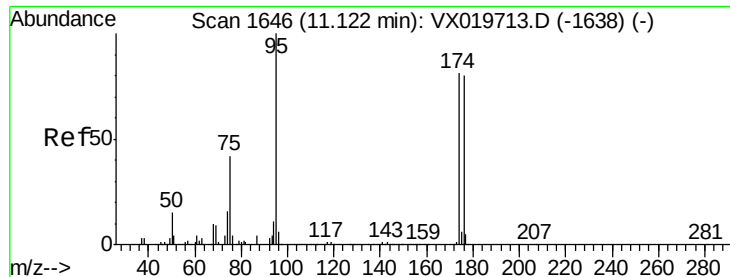
100000

0

8.60 8.70 8.80 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 48.303 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019823.D

Acq: 10 Dec 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20201208

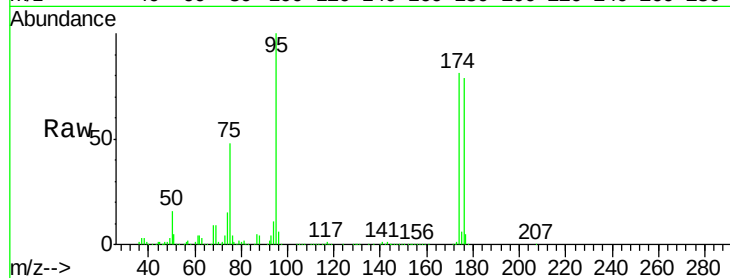
Tot Ion: 95 Resp: 221292

Ion Ratio Lower Upper

95 100

174 78.3 0.0 154.6

176 74.2 0.0 155.8

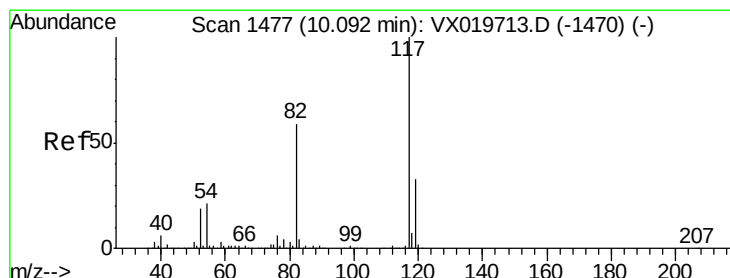
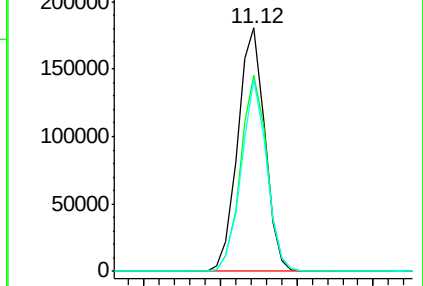
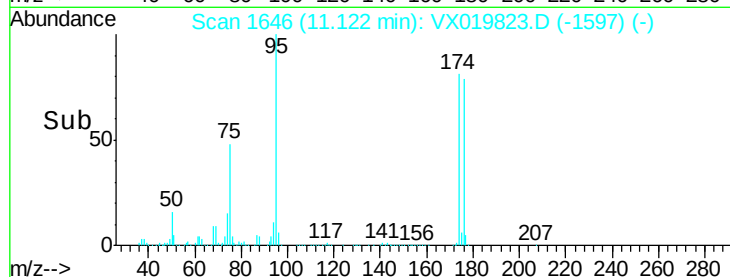


Abundance Ion 94.90 (94.60 to 95.60): VX019713.D (-1638) (-)

Ion 173.80 (173.50 to 174.50): VX019713.D (-1638) (-)

Ion 175.80 (175.50 to 176.50): VX019713.D (-1638) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019823.D

Acq: 10 Dec 2020 14:21

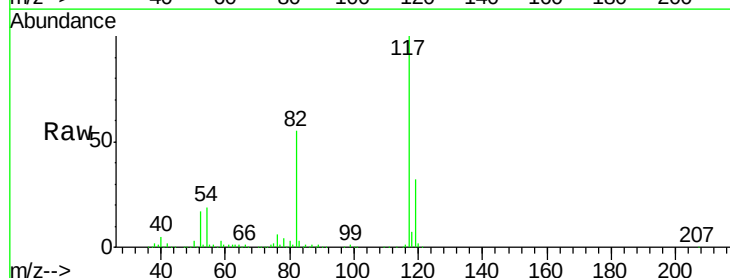
Tgt Ion: 117 Resp: 450208

Ion Ratio Lower Upper

117 100

82 54.6 47.4 71.2

119 32.2 26.6 39.8

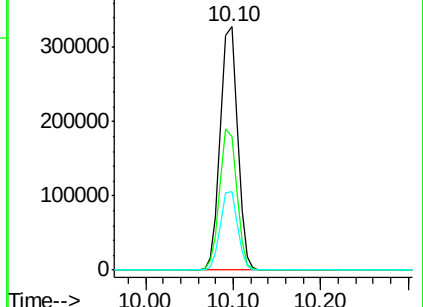
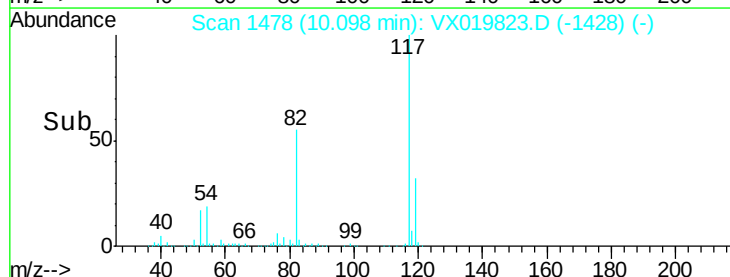


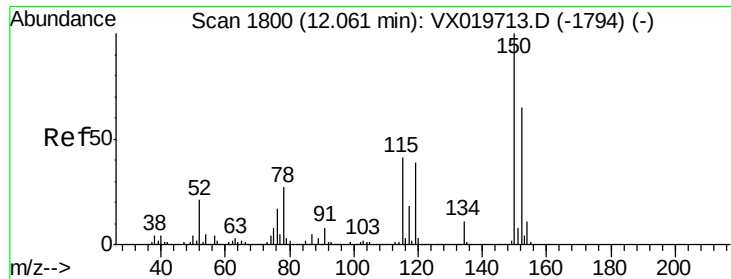
Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019713.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019713.D (-1470) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019823.D

Acq: 10 Dec 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20201208

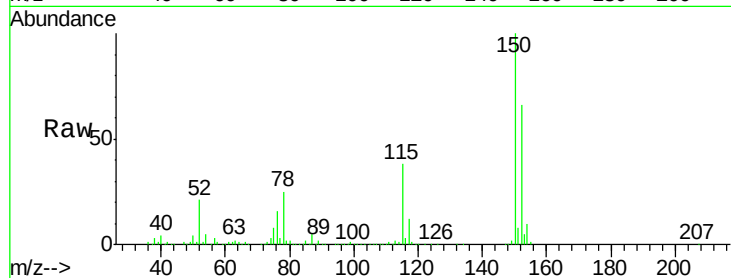
Tot Ion:152 Resp: 216223

Ion Ratio Lower Upper

152 100

115 59.0 41.1 123.3

150 155.2 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

