

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012622\
 Data File : VX026580.D
 Acq On : 25 Jan 2022 20:26
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK602

Quant Time: Jan 26 03:19:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 26 03:14:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	57035	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	56029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	30052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	19500	4.827	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.672	69	15968	4.856	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.306	63	33753	3.857	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.483	46	53238	49.876	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.760%
24) Chloroform-d	5.062	84	43414	4.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.964	65	22372	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.976	84	86808	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	7.312	67	26268	4.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	8.653	98	81123	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.951	79	8105	5.024	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	9.390	63	42137	50.178	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	17290	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	29245	5.148	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	466	0.120	ug/L #	51
12) 1,1-Dichloroethene	2.312	96	407	0.110	ug/L #	1
14) Carbon disulfide	2.514	76	1853	0.158	ug/L	97
25) Chloroform	5.099	83	2222	0.271	ug/L	89
37) 1,2-Dichloropropane	7.312	63	3031	0.814	ug/L #	87
38) Bromodichloromethane	7.824	83	372	0.077	ug/L #	94
42) Toluene	8.720	91	2027	0.121	ug/L	100
60) Isopropylbenzene	10.963	105	1110	0.064	ug/L	94
61) 1,2,3-Trichloropropane	11.969	75	282	0.136	ug/L #	49
63) 1,2,4-Trimethylbenzene	11.756	105	1176	0.080	ug/L	95
64) 1,3-Dichlorobenzene	11.975	146	1003	0.129	ug/L	88
65) 1,4-Dichlorobenzene	12.042	146	1324	0.165	ug/L	93
67) 1,2-Dichlorobenzene	12.341	146	805	0.112	ug/L	90
68) 1,2-Dibromo-3-chloropr...	13.115	75	167	0.400	ug/L #	6
69) 1,3,5-Trichlorobenzene	13.115	180	1012	0.173	ug/L #	90
70) 1,2,4-Trichlorobenzene	13.591	180	1365	0.275	ug/L	99
71) Naphthalene	13.780	128	2103	0.236	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.963	180	1232	0.276	ug/L	98

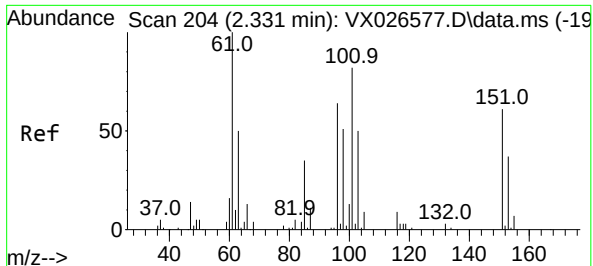
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012622\
Data File : VX026580.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR012622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 26 03:14:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.120 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.025 min

Lab File: VX026580.D

Acq: 25 Jan 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VIBLK602

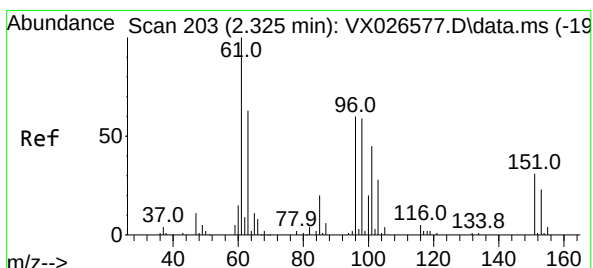
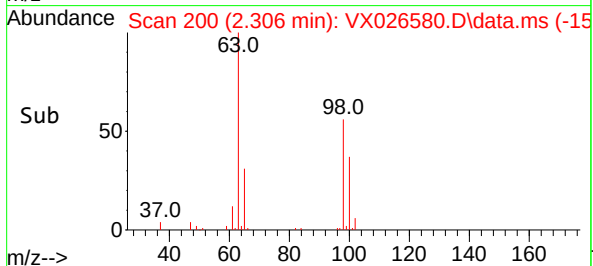
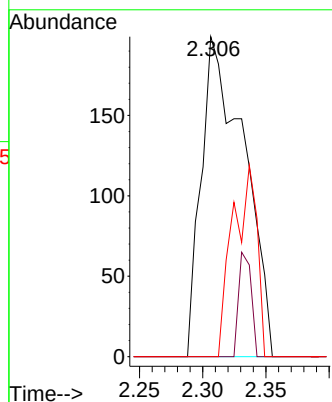
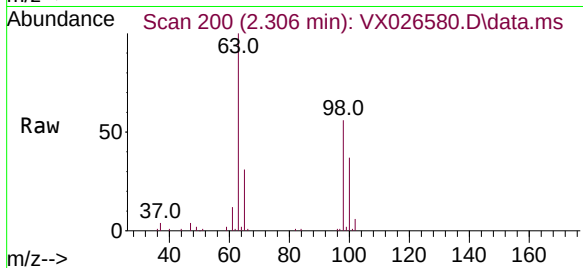
Tgt Ion:101 Resp: 466

Ion Ratio Lower Upper

101 100

85 9.7 34.3 51.5#

151 33.9 58.3 87.5#



#12

1,1-Dichloroethene

Concen: 0.110 ug/L

RT: 2.312 min Scan# 201

Delta R.T. -0.012 min

Lab File: VX026580.D

Acq: 25 Jan 2022 20:26

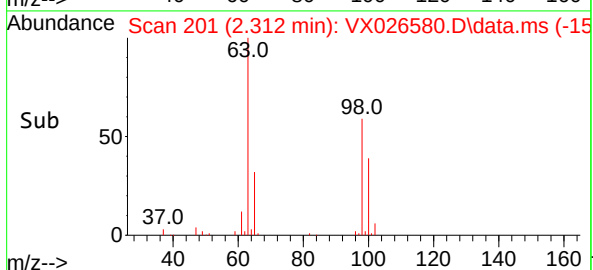
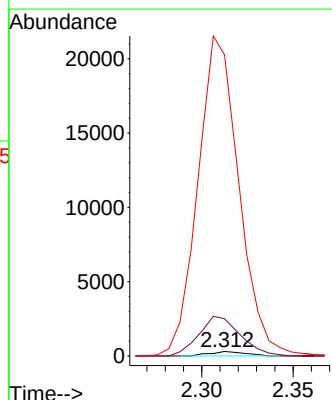
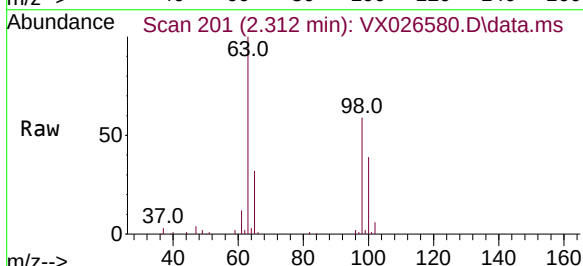
Tgt Ion: 96 Resp: 407

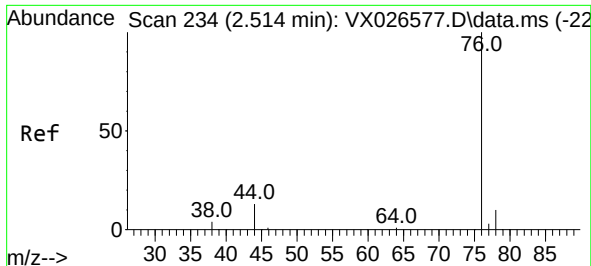
Ion Ratio Lower Upper

96 100

61 825.0 110.2 204.8#

63 6665.8 63.1 117.1#





#14

Carbon disulfide

Concen: 0.158 ug/L

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX026580.D

Acq: 25 Jan 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

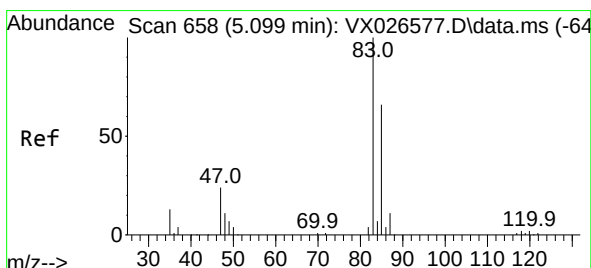
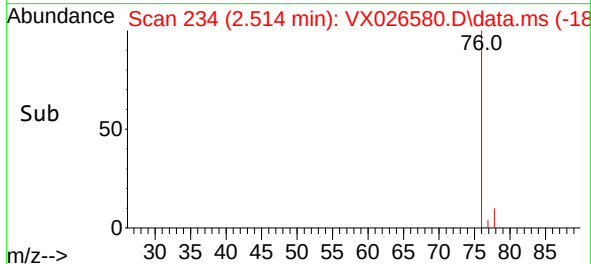
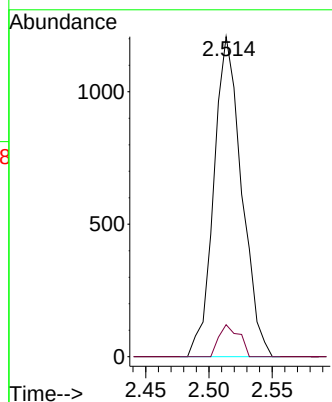
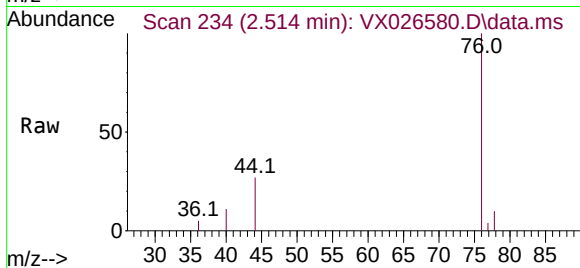
VIBLK602

Tgt Ion: 76 Resp: 1853

Ion Ratio Lower Upper

76 100

78 10.0 7.1 10.7



#25

Chloroform

Concen: 0.271 ug/L

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX026580.D

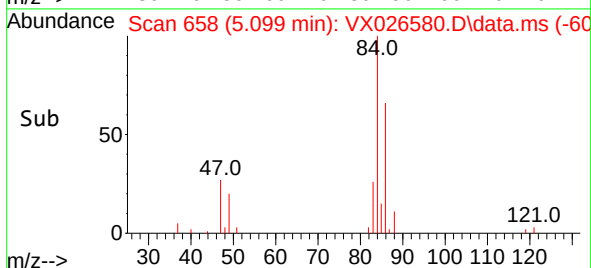
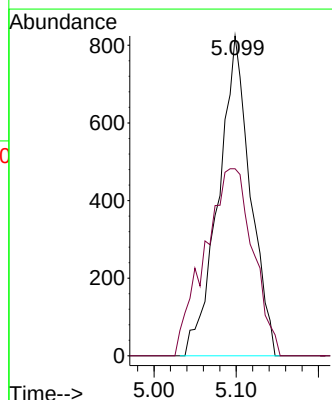
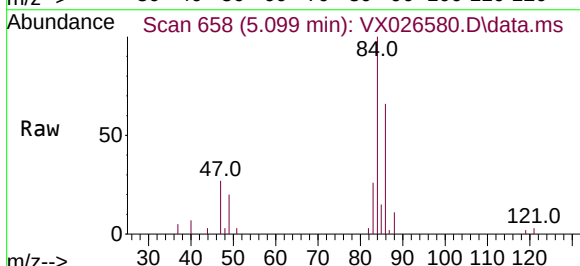
Acq: 25 Jan 2022 20:26

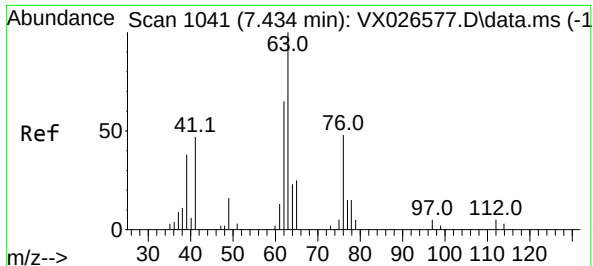
Tgt Ion: 83 Resp: 2222

Ion Ratio Lower Upper

83 100

85 58.5 47.0 87.4





#37

1,2-Dichloropropane

Concen: 0.814 ug/L

RT: 7.312 min Scan# 1105

Delta R.T. -0.122 min

Lab File: VX026580.D

Acq: 25 Jan 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

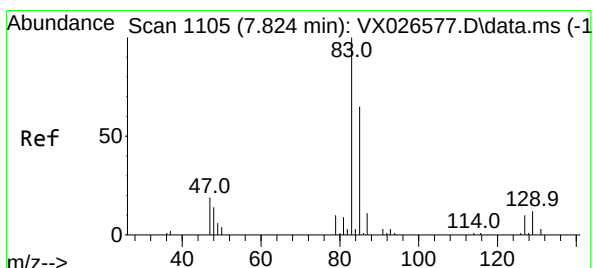
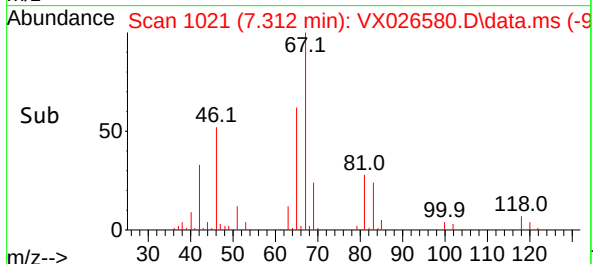
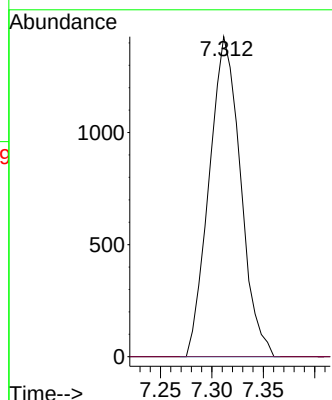
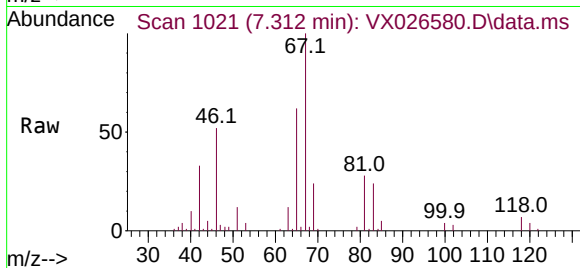
VIBLK602

Tgt Ion: 63 Resp: 3031

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#38

Bromodichloromethane

Concen: 0.077 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX026580.D

Acq: 25 Jan 2022 20:26

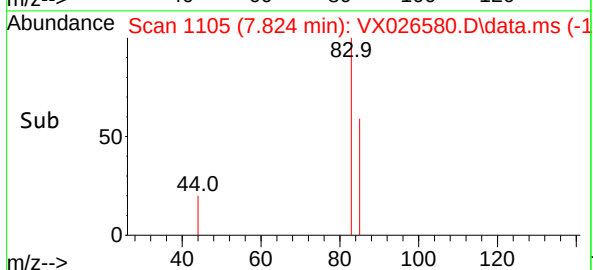
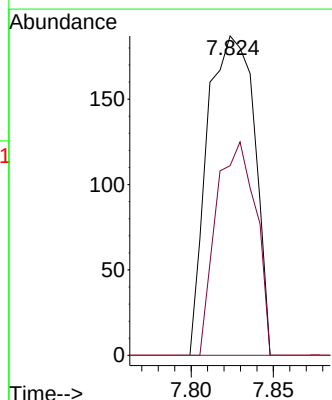
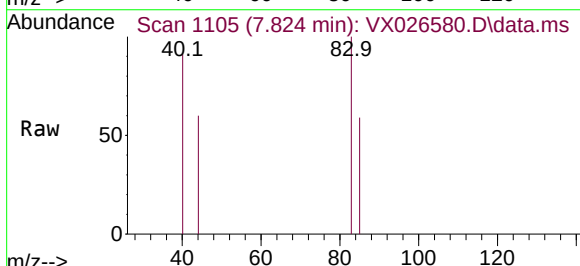
Tgt Ion: 83 Resp: 372

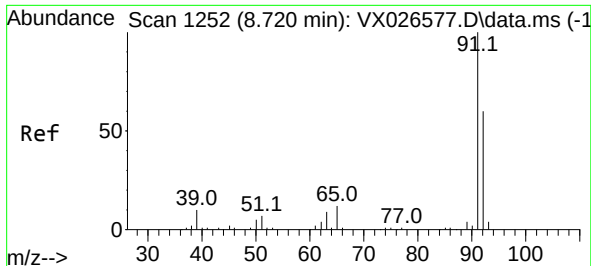
Ion Ratio Lower Upper

83 100

85 59.4 43.5 80.9

127 0.0 6.9 10.3#





#42

Toluene

Concen: 0.121 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026580.D

Acq: 25 Jan 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

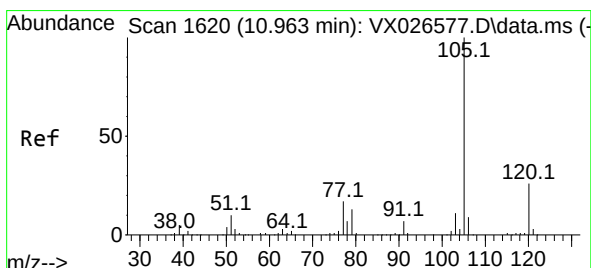
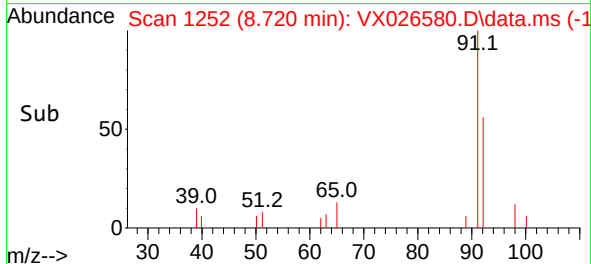
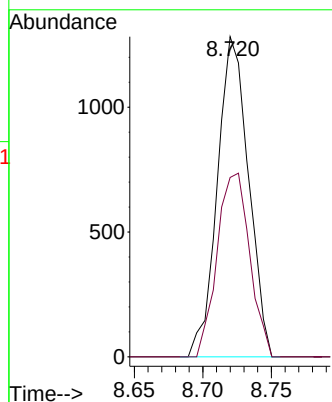
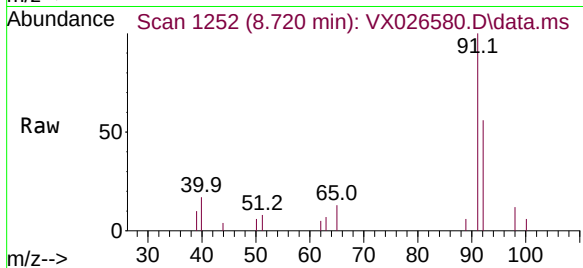
VIBLK602

Tgt Ion: 91 Resp: 2027

Ion Ratio Lower Upper

91 100

92 56.0 39.1 72.5



#60

Isopropylbenzene

Concen: 0.064 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX026580.D

Acq: 25 Jan 2022 20:26

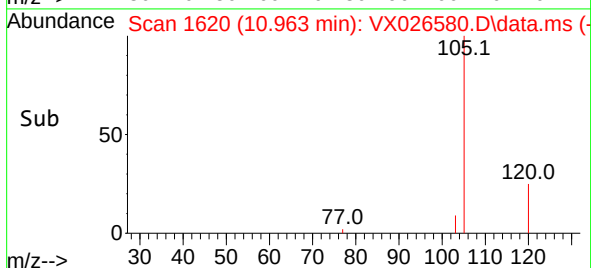
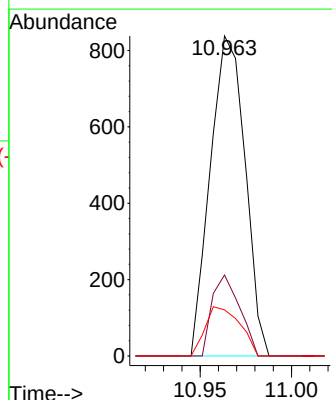
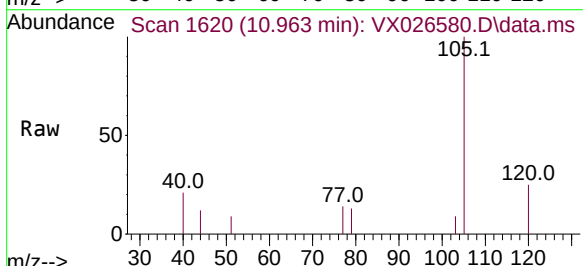
Tgt Ion: 105 Resp: 1110

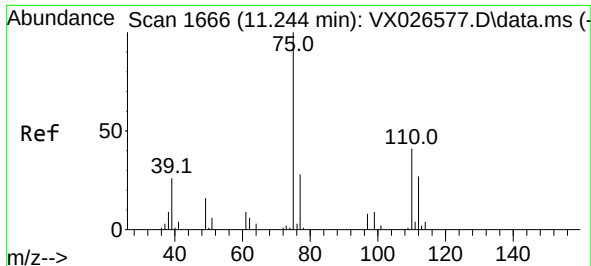
Ion Ratio Lower Upper

105 100

120 20.2 19.0 28.6

77 15.3 13.7 20.5

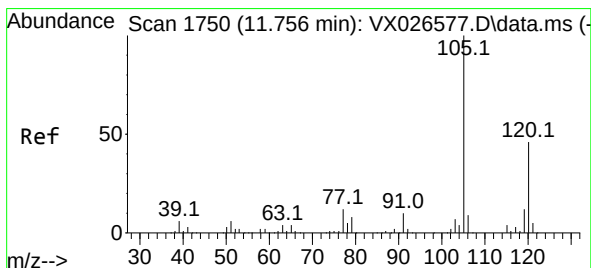
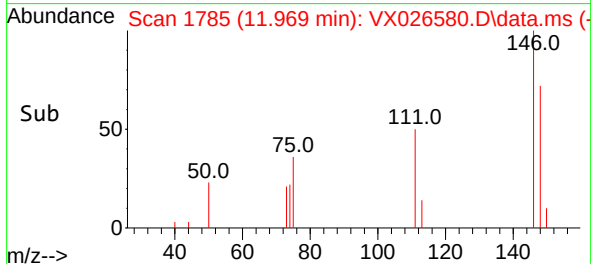
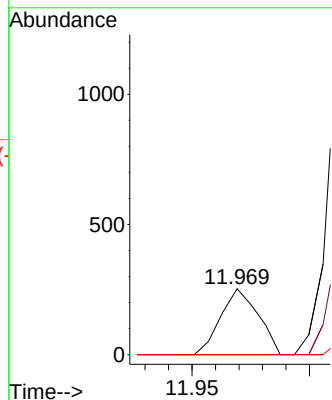
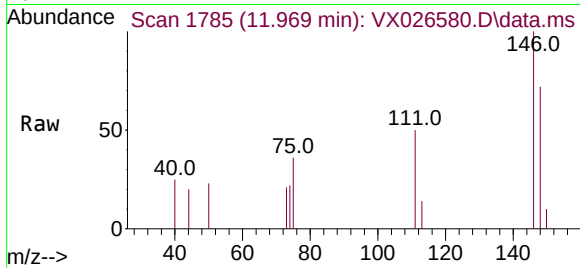




#61
1,2,3-Trichloropropane
Concen: 0.136 ug/L
RT: 11.969 min Scan# 11
Delta R.T. 0.725 min
Lab File: VX026580.D
Acq: 25 Jan 2022 20:26

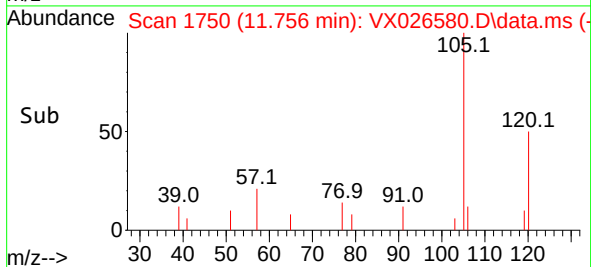
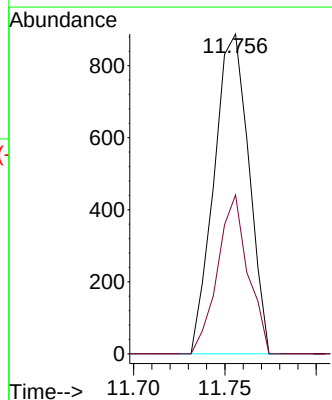
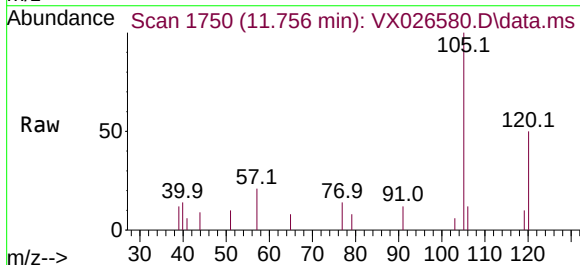
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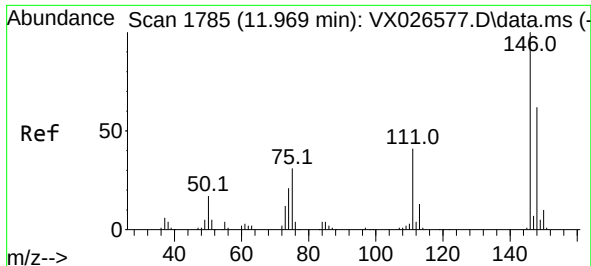
Tgt Ion: 75 Resp: 282
Ion Ratio Lower Upper
75 100
77 53.2 28.1 42.1#
110 0.0 34.7 52.1#



#63
1,2,4-Trimethylbenzene
Concen: 0.080 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX026580.D
Acq: 25 Jan 2022 20:26

Tgt Ion: 105 Resp: 1176
Ion Ratio Lower Upper
105 100
120 43.4 32.3 48.5

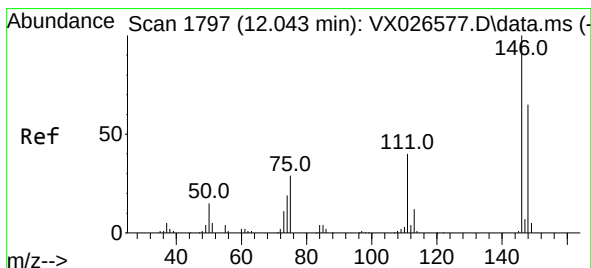
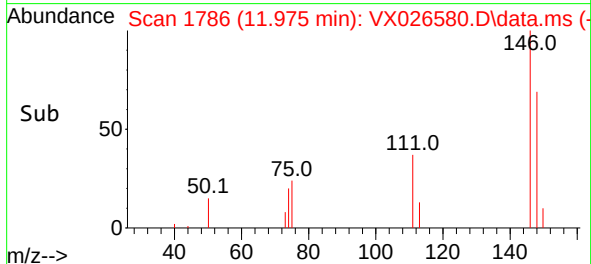
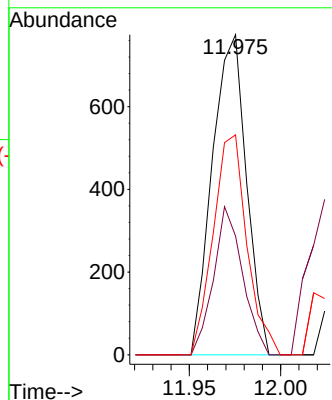
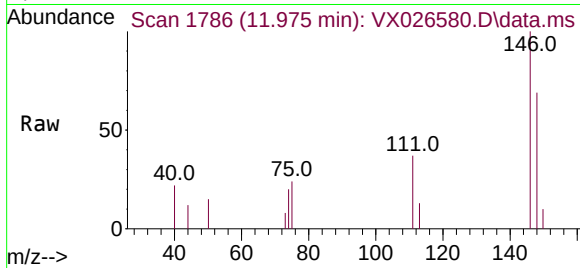




#64
1,3-Dichlorobenzene
Concen: 0.129 ug/L
RT: 11.975 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX026580.D
Acq: 25 Jan 2022 20:26

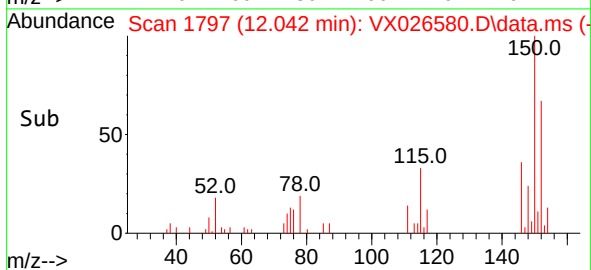
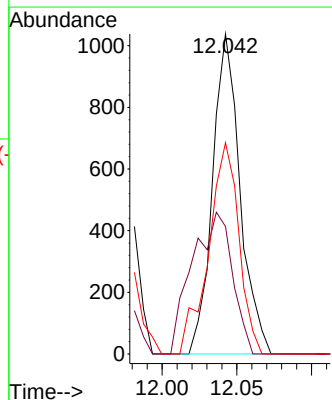
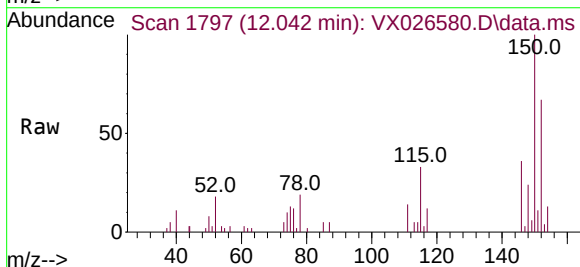
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VIBLK602

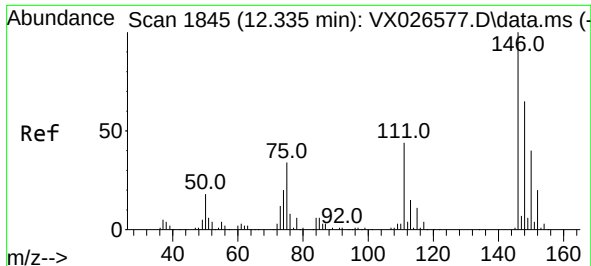
Tgt Ion:146 Resp: 1003
Ion Ratio Lower Upper
146 100
111 37.1 34.2 63.4
148 68.7 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 0.165 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX026580.D
Acq: 25 Jan 2022 20:26

Tgt Ion:146 Resp: 1324
Ion Ratio Lower Upper
146 100
111 39.9 32.6 60.6
148 66.0 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 0.112 ug/L

RT: 12.341 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX026580.D

Acq: 25 Jan 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VIBLK602

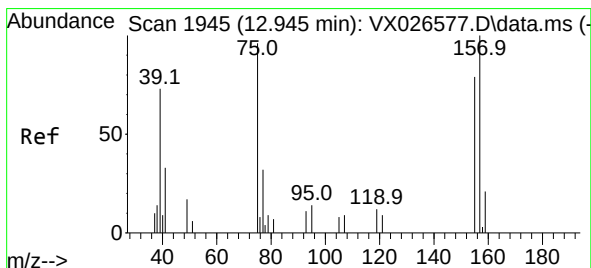
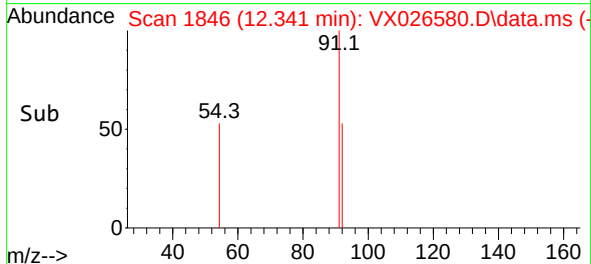
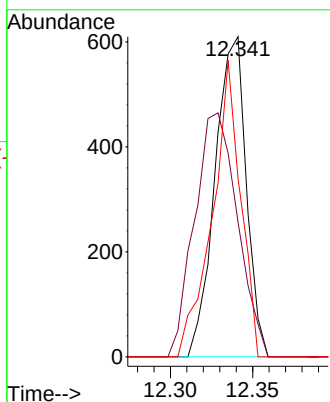
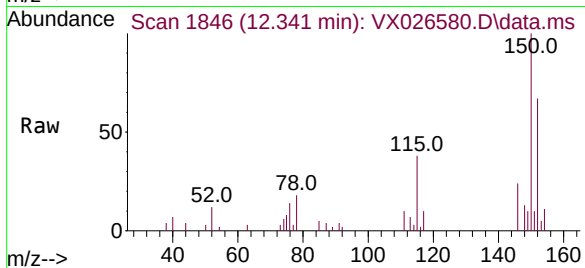
Tgt Ion:146 Resp: 805

Ion Ratio Lower Upper

146 100

111 42.1 35.9 53.9

148 55.7 53.1 79.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.400 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.171 min

Lab File: VX026580.D

Acq: 25 Jan 2022 20:26

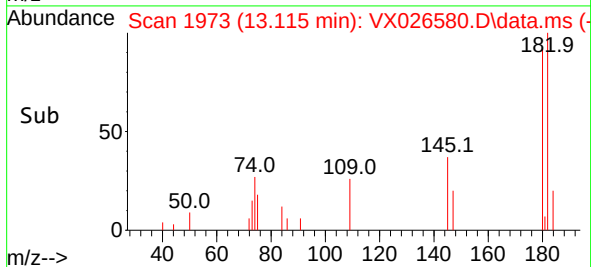
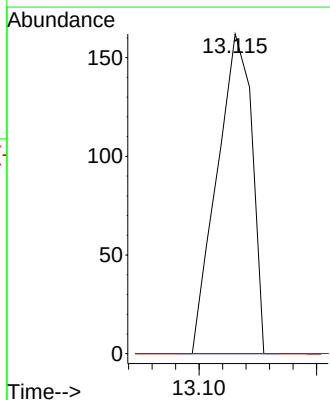
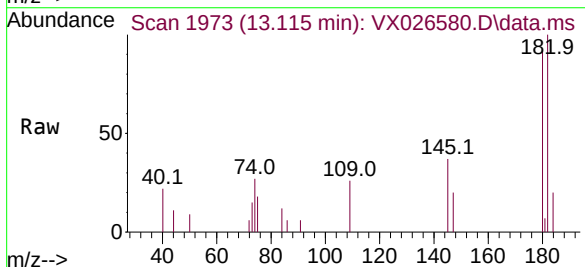
Tgt Ion: 75 Resp: 167

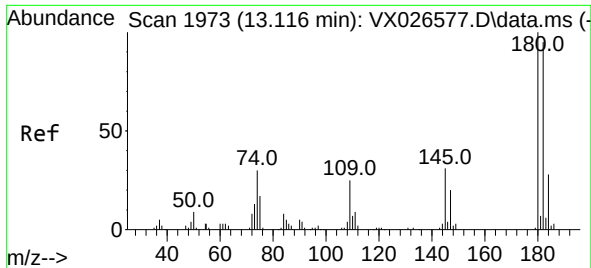
Ion Ratio Lower Upper

75 100

155 0.0 53.6 80.4#

157 0.0 82.2 123.4#

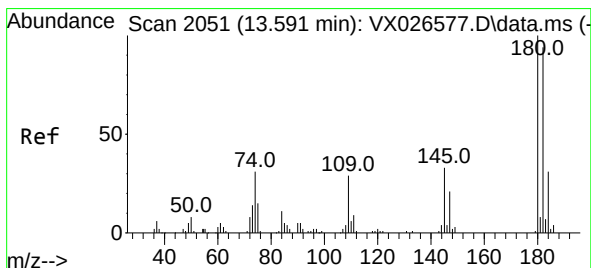
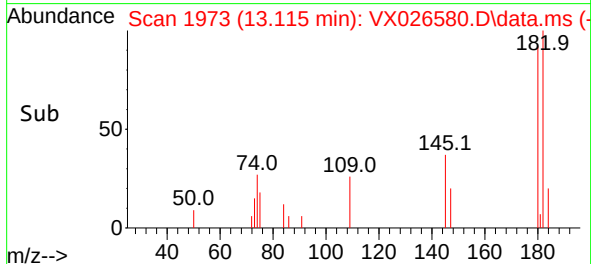
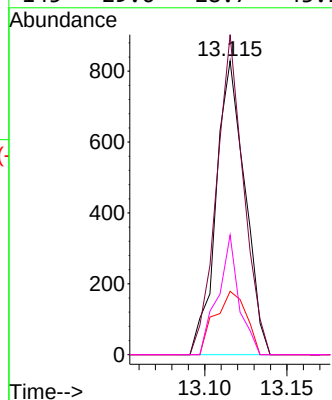
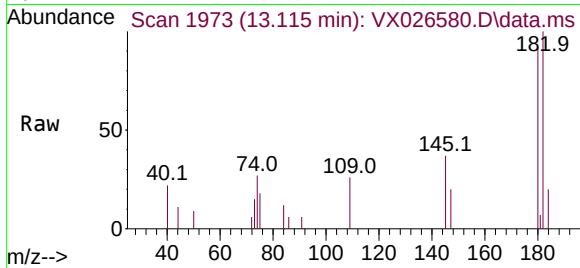




#69
 1,3,5-Trichlorobenzene
 Concen: 0.173 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX026580.D
 Acq: 25 Jan 2022 20:26

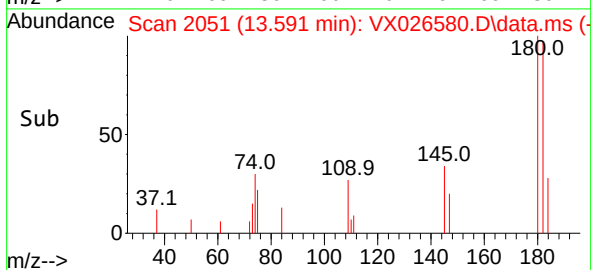
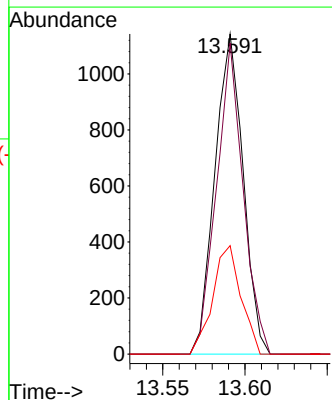
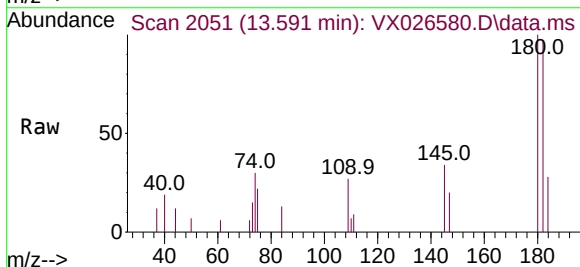
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK602

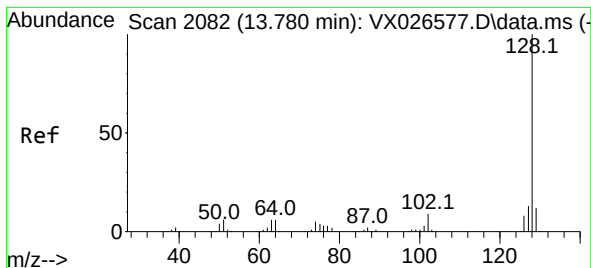
Tgt Ion:180 Resp: 1012
 Ion Ratio Lower Upper
 180 100
 182 102.1 74.6 111.8
 184 23.3 24.0 36.0#
 145 29.6 28.7 43.1



#70
 1,2,4-trichlorobenzene
 Concen: 0.275 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX026580.D
 Acq: 25 Jan 2022 20:26

Tgt Ion:180 Resp: 1365
 Ion Ratio Lower Upper
 180 100
 182 91.7 72.1 108.1
 145 33.9 27.1 40.7





#71

Naphthalene

Concen: 0.236 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX026580.D

Acq: 25 Jan 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

VIBLK602

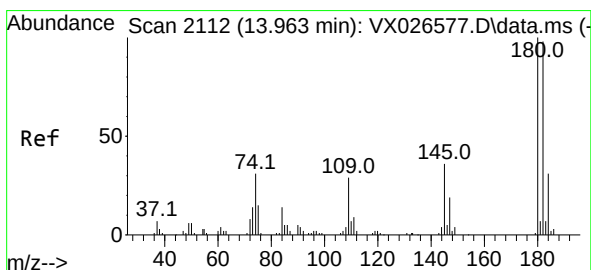
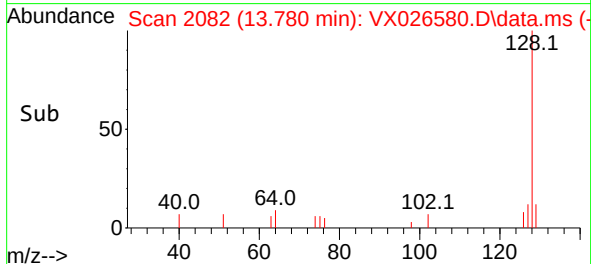
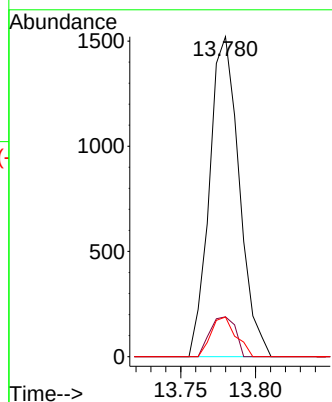
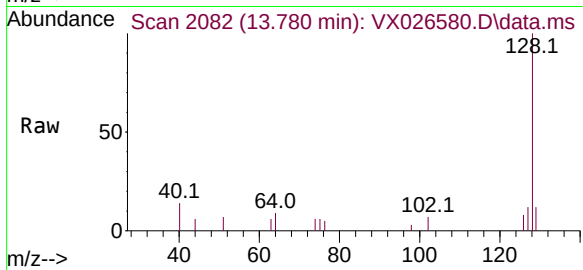
Tgt Ion:128 Resp: 2103

Ion Ratio Lower Upper

128 100

129 10.7 9.7 14.5

127 10.3 10.6 15.8#



#72

1,2,3-Trichlorobenzene

Concen: 0.276 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX026580.D

Acq: 25 Jan 2022 20:26

Tgt Ion:180 Resp: 1232

Ion Ratio Lower Upper

180 100

182 97.6 77.1 115.7

145 33.4 29.4 44.0

