

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021906.D
 Acq On : 11 May 2021 17:53
 Operator : JC/MD
 Sample : M2339-02
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 12 03:42:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 03:37:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	77896	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	67656	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31536	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	27835	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.672	69	24618	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.306	63	36061	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.477	46	76514	50.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.40%
24) Chloroform-d	5.068	84	51684	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.958	65	28324	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.976	84	108320	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	7.311	67	33917	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	8.653	98	97067	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloroprop...	8.951	79	13425	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	9.390	63	66669	50.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.02%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	25814	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
66) 1,2-Dichlorobenzene-d4	12.323	152	32868	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.892	101	103959	10.37	ug/L	98
22) cis-1,2-Dichloroethene	4.495	96	1315	0.20	ug/L #	58
25) Chloroform	5.104	83	2981	0.27	ug/L	98
31) Carbon tetrachloride	5.684	117	2476	0.31	ug/L	89
34) Trichloroethene	7.135	95	4517	0.74	ug/L	90
35) Methylcyclohexane	7.311	83	8222	0.79	ug/L #	20
37) 1,2-Dichloropropane	7.311	63	3763	0.66	ug/L #	85
39) cis-1,3-Dichloropropene	8.323	75	1133	0.13	ug/L	93
42) Toluene	8.726	91	1765	0.07	ug/L	87
44) trans-1,3-Dichloropropene	8.957	75	642	0.09	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	399	0.10	ug/L #	66
47) Tetrachloroethene	9.281	164	217175	53.46	ug/L	96
49) Dibromochloromethane	9.281	129	223701	48.96	ug/L #	11
61) 1,2,3-Trichloropropane	12.024	75	4510	1.38	ug/L #	65
62) 1,3,5-Trimethylbenzene	11.756	105	323	0.01	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	323	0.01	ug/L	100

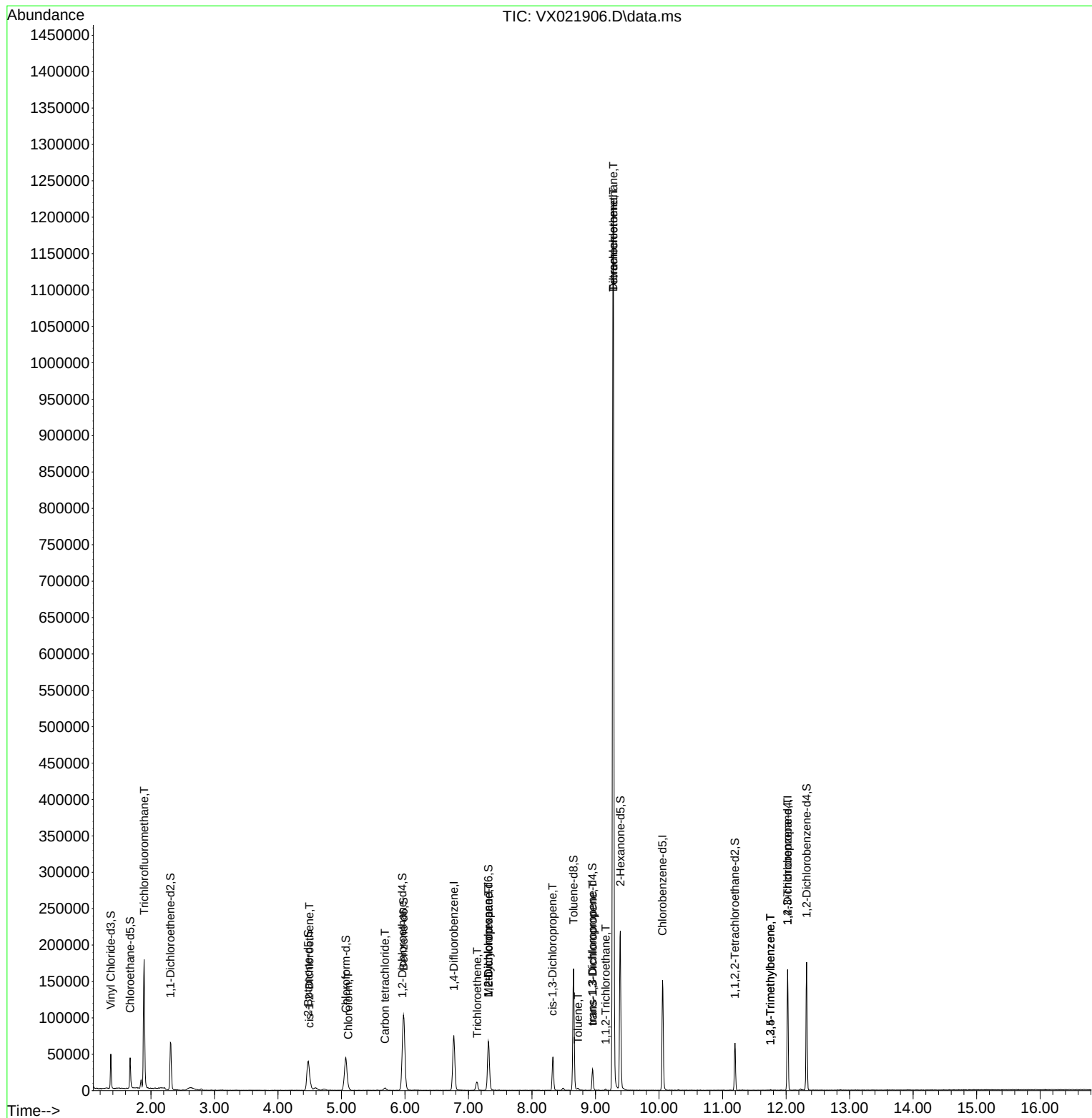
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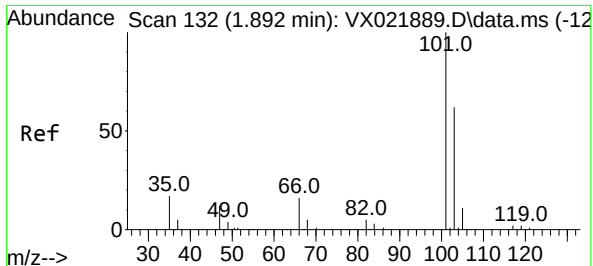
Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
Data File : VX021906.D
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MSVOA_X
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Quant Time: May 12 03:42:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 12 03:37:54 2021
Response via : Initial Calibration

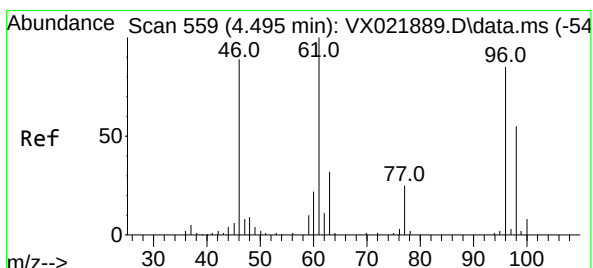
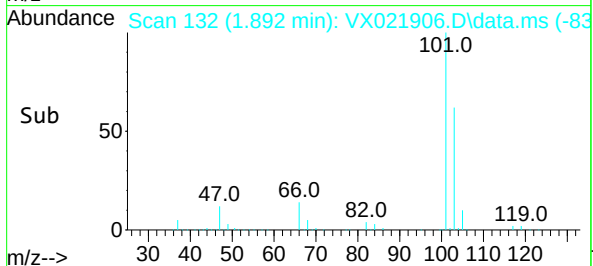
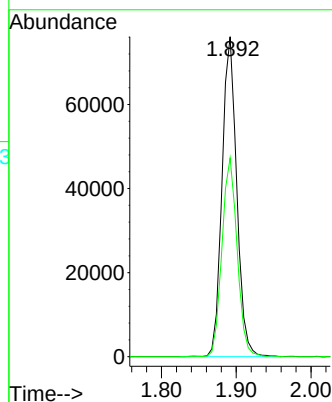
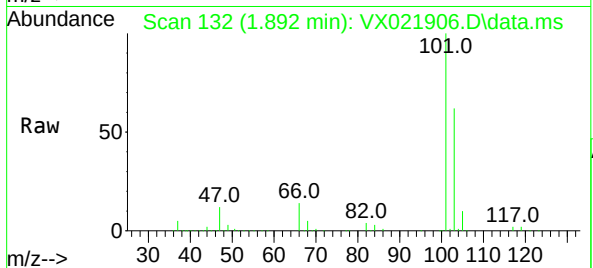




#9
Trichlorofluoromethane
Concen: 10.37 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX021906.D
Acq: 11 May 2021 17:53

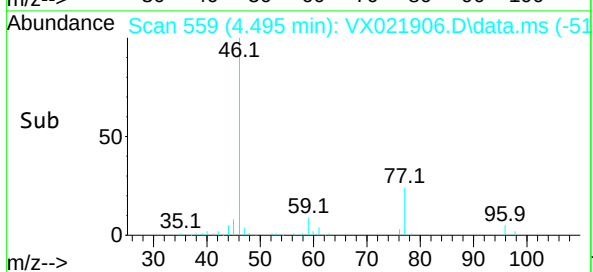
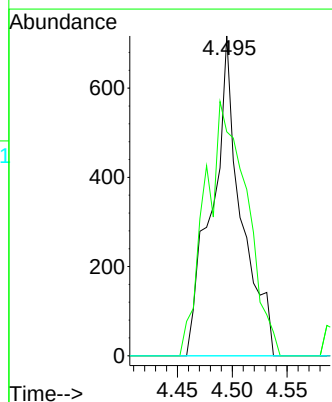
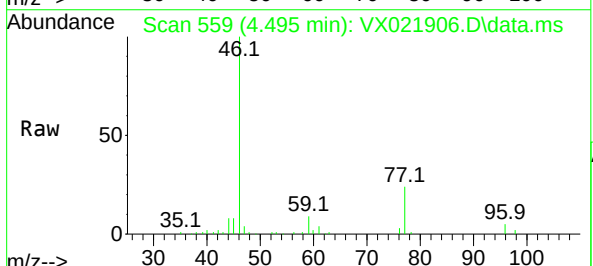
Instrument :
MSVOA_X
ClientSampled :

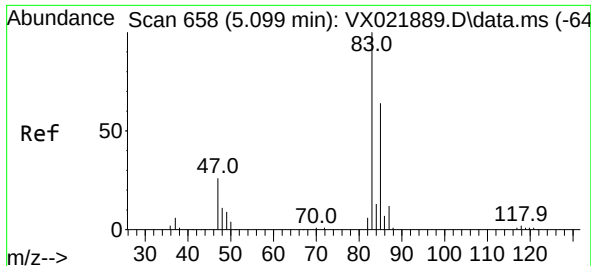
Tgt Ion:101 Resp: 103959
Ion Ratio Lower Upper
101 100
103 64.3 52.6 79.0



#22
cis-1,2-Dichloroethene
Concen: 0.20 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX021906.D
Acq: 11 May 2021 17:53

Tgt Ion: 96 Resp: 1315
Ion Ratio Lower Upper
96 100
61 70.0 80.9 150.3#
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.27 ug/L

RT: 5.104 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX021906.D

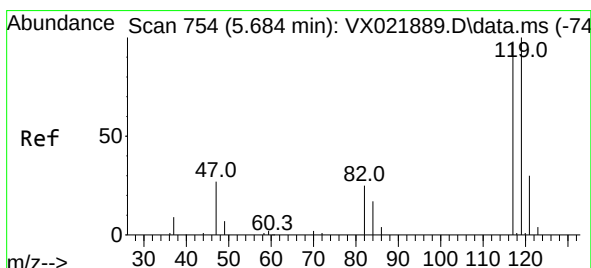
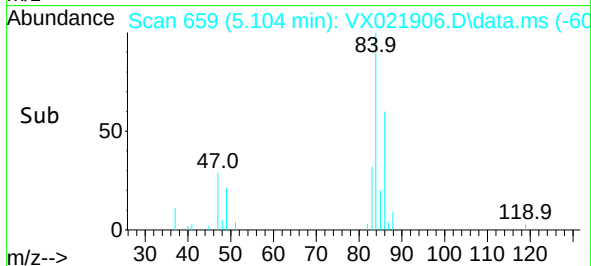
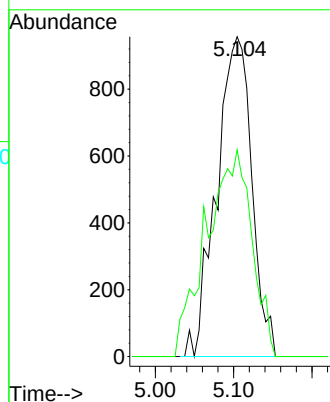
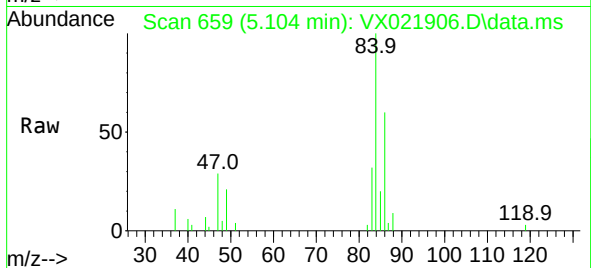
Acq: 11 May 2021 17:53

Tgt Ion: 83 Resp: 2981

Ion Ratio Lower Upper

83 100

85 64.6 46.3 86.1



#31

Carbon tetrachloride

Concen: 0.31 ug/L

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX021906.D

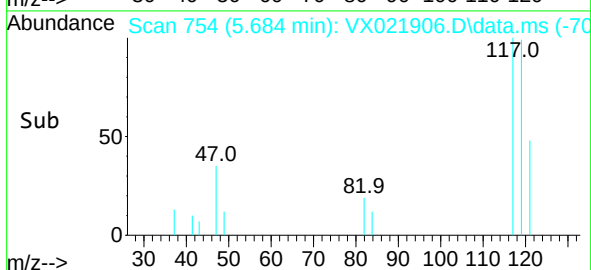
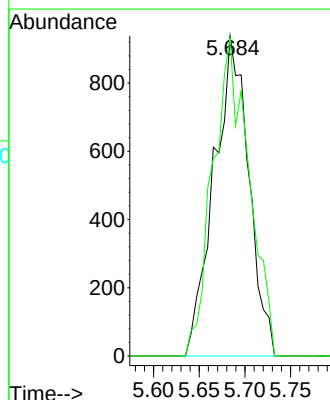
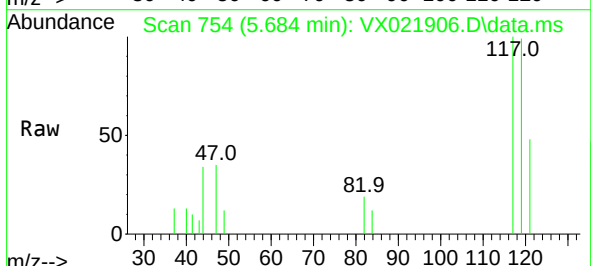
Acq: 11 May 2021 17:53

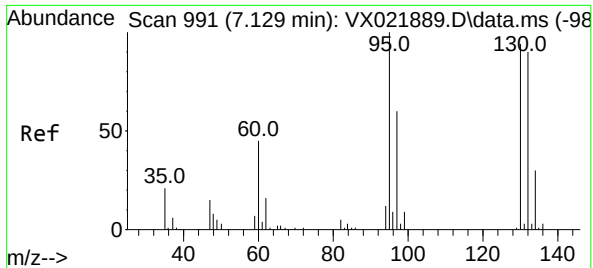
Tgt Ion: 117 Resp: 2476

Ion Ratio Lower Upper

117 100

119 103.6 74.8 112.2



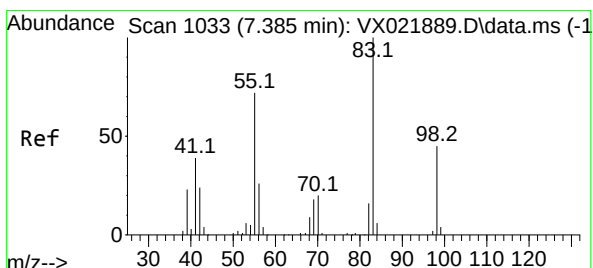
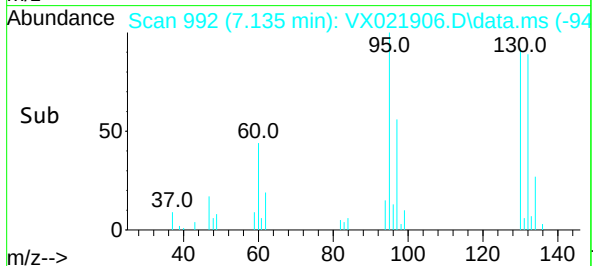
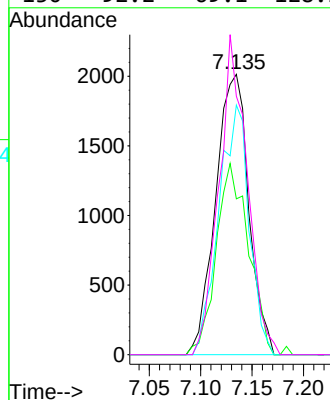
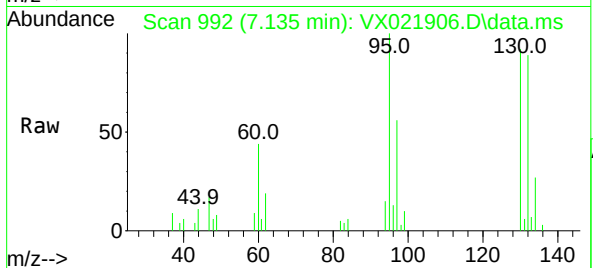


#34
Trichloroethene
Concen: 0.74 ug/L
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX021906.D
Acq: 11 May 2021 17:53

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 95 Resp: 4517

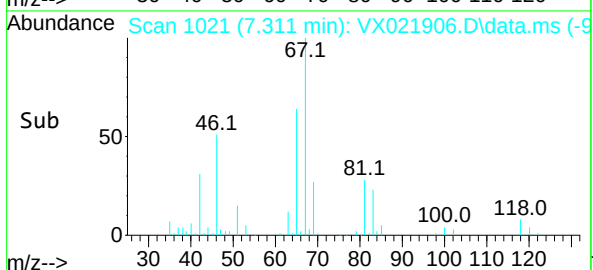
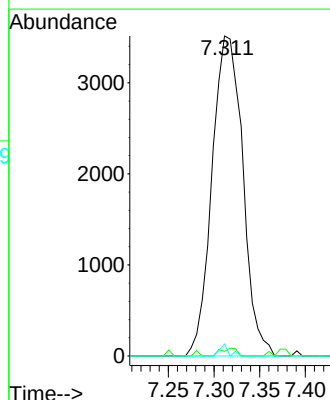
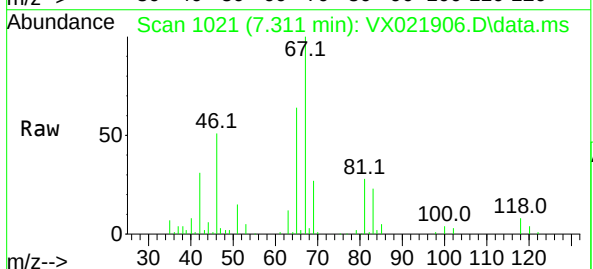
Ion	Ratio	Lower	Upper
95	100		
97	55.6	48.6	90.2
132	89.0	67.3	125.1
130	92.2	69.1	128.3

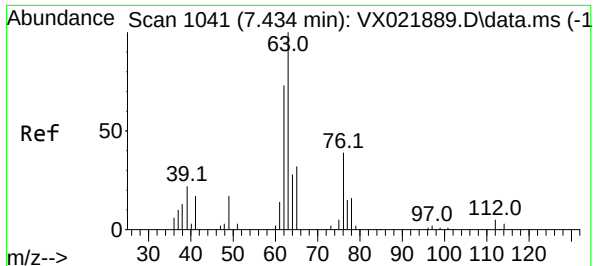


#35
Methylcyclohexane
Concen: 0.79 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX021906.D
Acq: 11 May 2021 17:53

Tgt Ion: 83 Resp: 8222

Ion	Ratio	Lower	Upper
83	100		
55	1.3	60.3	90.5#
98	1.1	39.4	59.2#

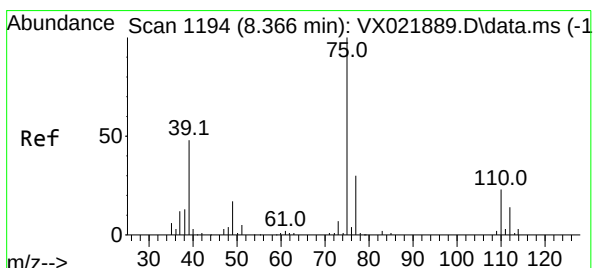
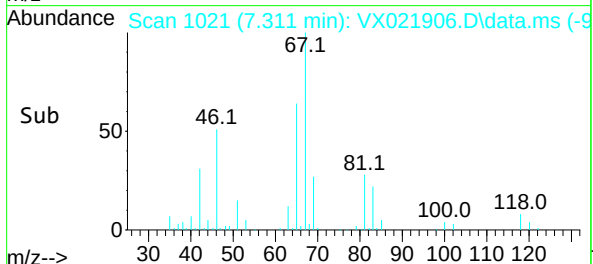
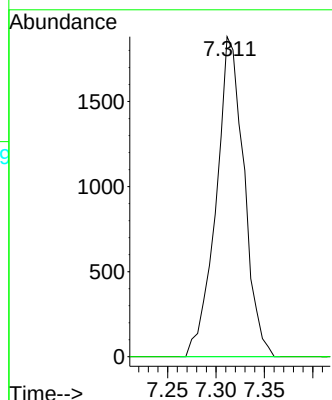
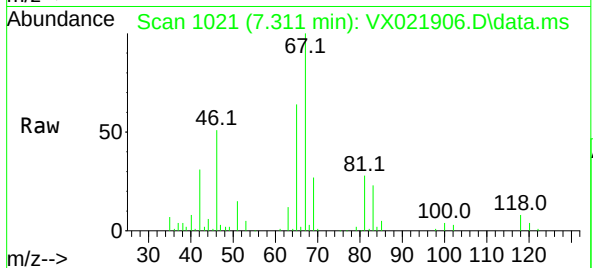




#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX021906.D
Acq: 11 May 2021 17:53

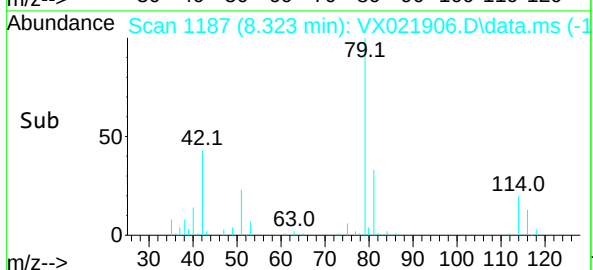
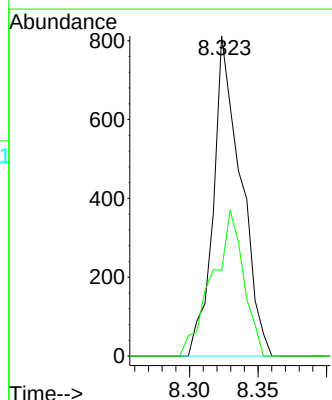
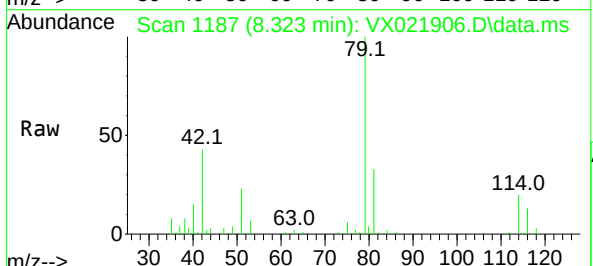
Instrument :
MSVOA_X
ClientSampled :

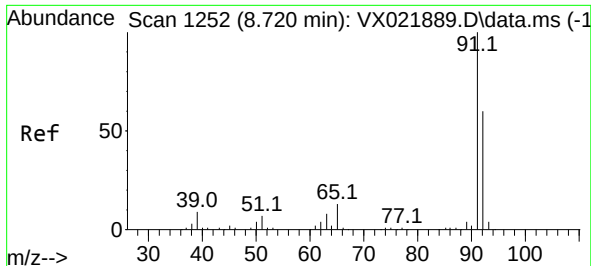
Tgt Ion: 63 Resp: 3763
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 8.323 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX021906.D
Acq: 11 May 2021 17:53

Tgt Ion: 75 Resp: 1133
Ion Ratio Lower Upper
75 100
77 26.8 21.3 39.5

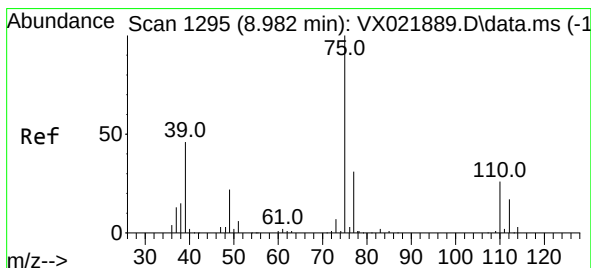
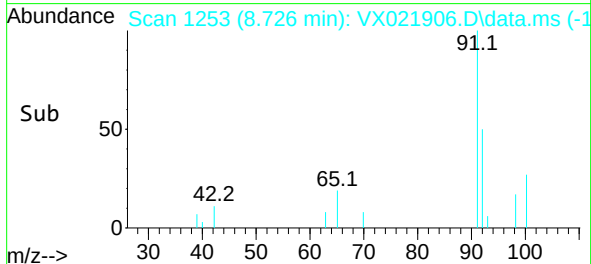
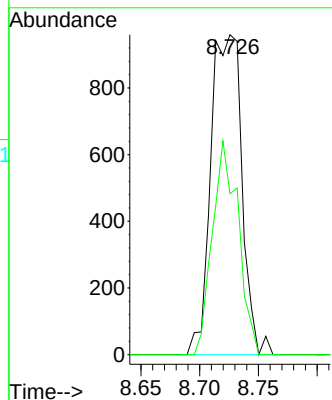
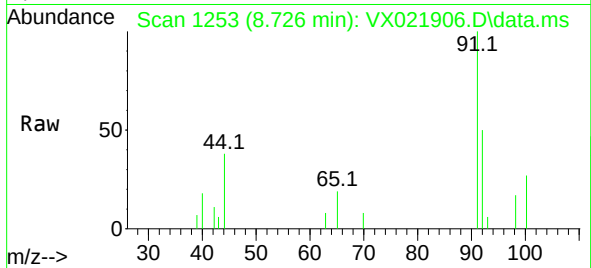




#42
Toluene
Concen: 0.07 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX021906.D
Acq: 11 May 2021 17:53

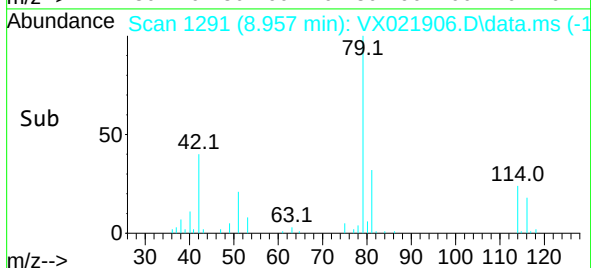
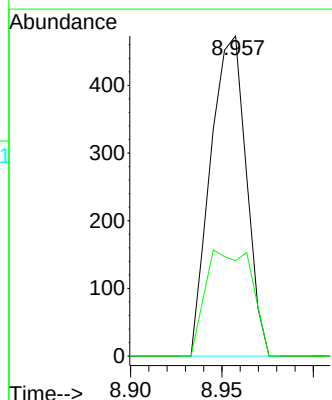
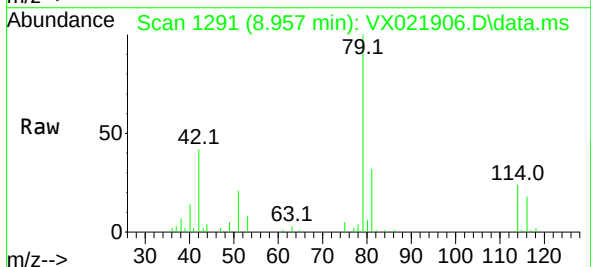
Instrument :
MSVOA_X
ClientSampled :

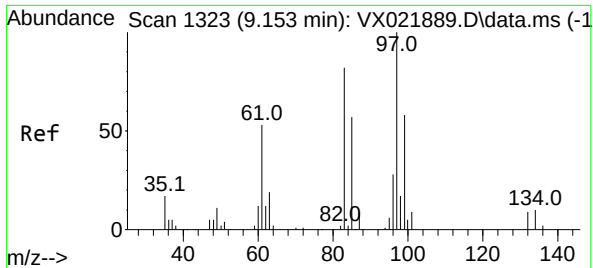
Tgt Ion: 91 Resp: 1765
Ion Ratio Lower Upper
91 100
92 50.3 42.1 78.3



#44
trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.957 min Scan# 1291
Delta R.T. -0.025 min
Lab File: VX021906.D
Acq: 11 May 2021 17:53

Tgt Ion: 75 Resp: 642
Ion Ratio Lower Upper
75 100
77 29.8 21.6 40.0

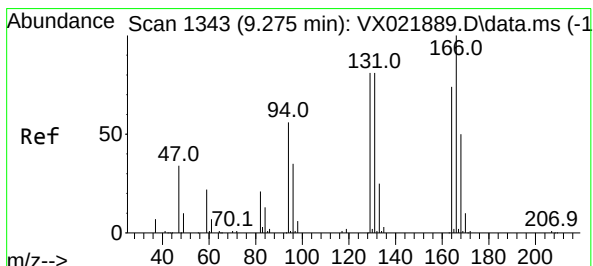
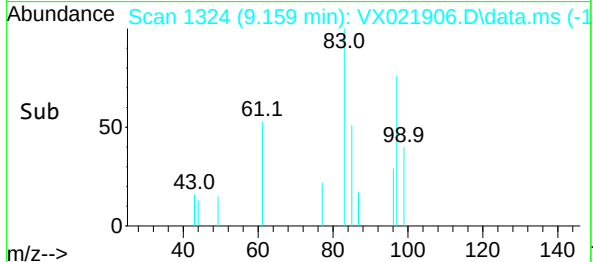
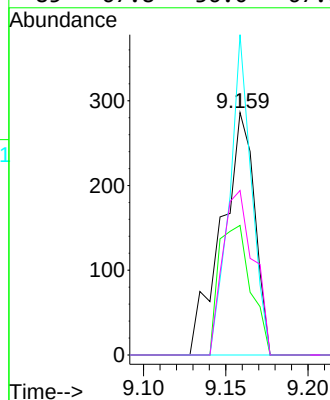
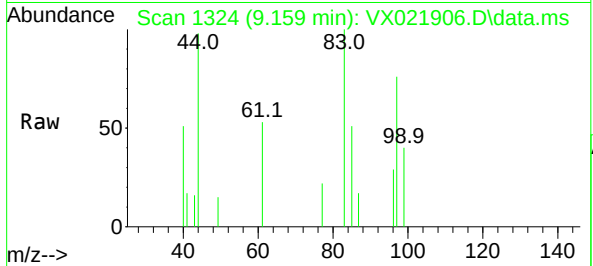




#45
1,1,2-Trichloroethane
Concen: 0.10 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX021906.D
Acq: 11 May 2021 17:53

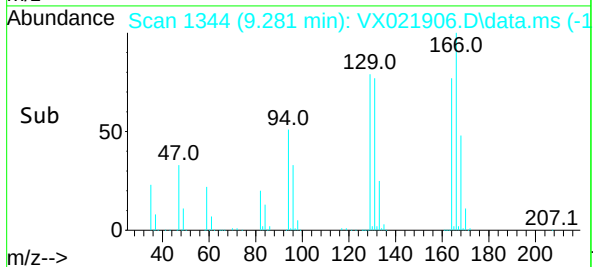
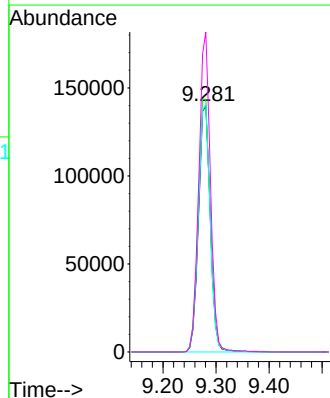
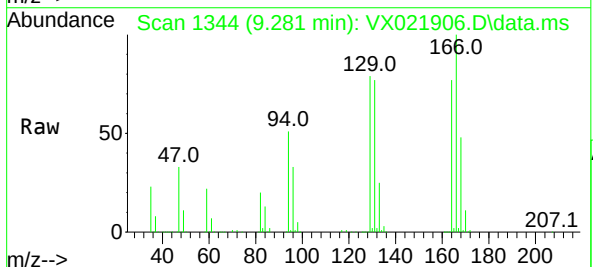
Instrument :
MSVOA_X
ClientSampled :

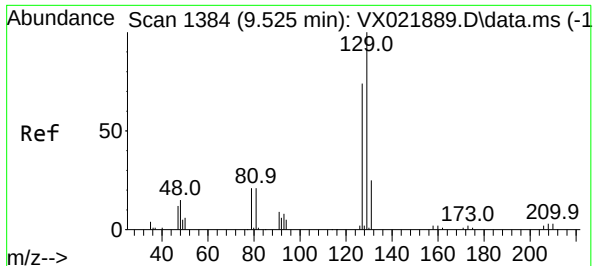
Tgt Ion: 97	Resp:	399
Ion	Ratio	Lower Upper
97	100	
99	53.5	42.6 79.0
83	132.2	55.4 102.8#
85	67.8	36.0 67.0#



#47
Tetrachloroethene
Concen: 53.46 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX021906.D
Acq: 11 May 2021 17:53

Tgt Ion: 164	Resp:	217175
Ion	Ratio	Lower Upper
164	100	
129	102.8	73.1 135.7
131	100.7	69.1 128.3
166	130.2	85.0 157.8





#49

Dibromochloromethane

Concen: 48.96 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX021906.D

Acq: 11 May 2021 17:53

Tgt Ion: 129 Resp: 223701

Ion Ratio Lower Upper

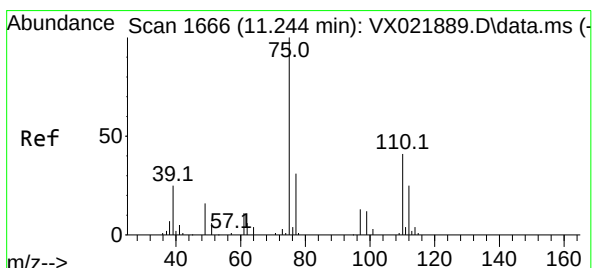
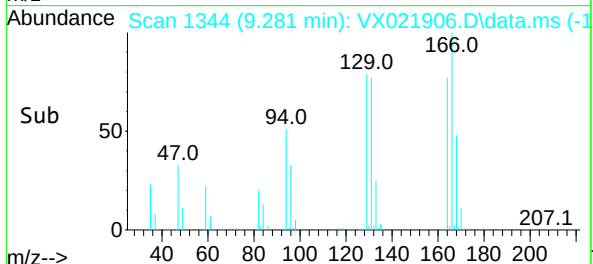
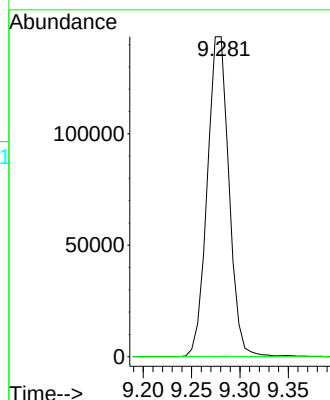
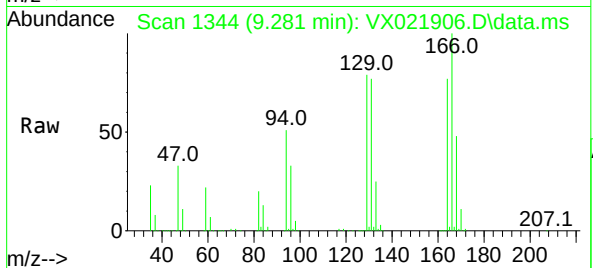
129 100

127 0.1 53.5 99.5#

Instrument :

MSVOA_X

ClientSampled :



#61

1,2,3-Trichloropropane

Concen: 1.38 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.780 min

Lab File: VX021906.D

Acq: 11 May 2021 17:53

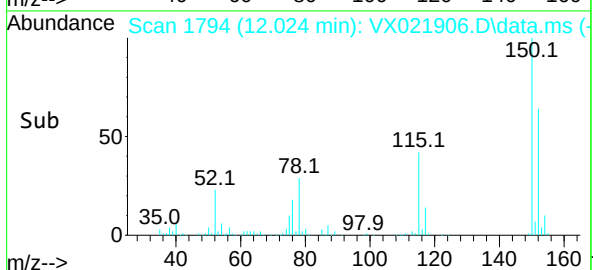
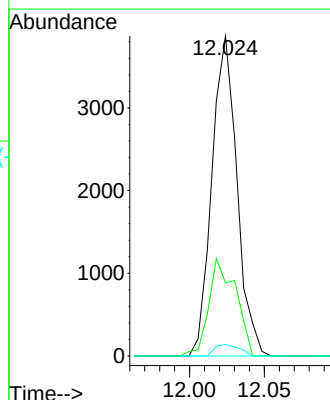
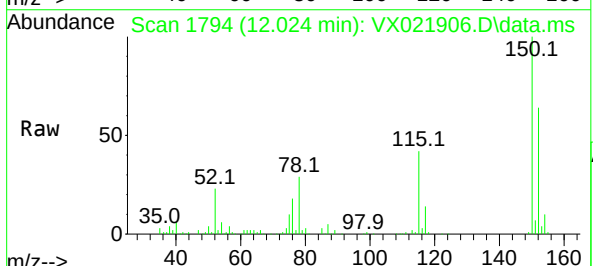
Tgt Ion: 75 Resp: 4510

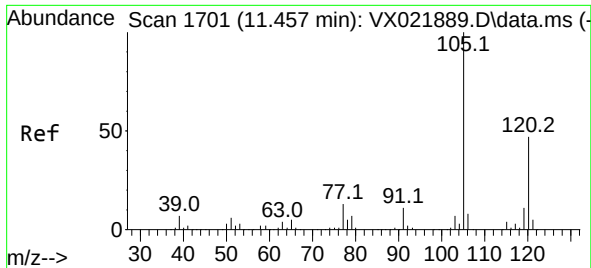
Ion Ratio Lower Upper

75 100

77 32.6 24.6 37.0

110 3.5 32.3 48.5#

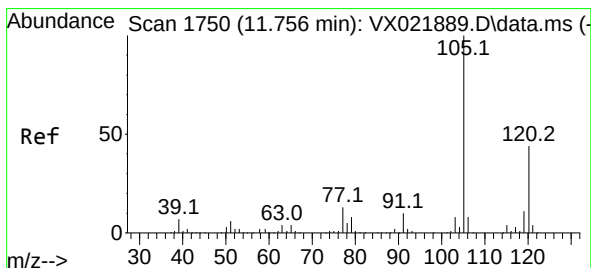
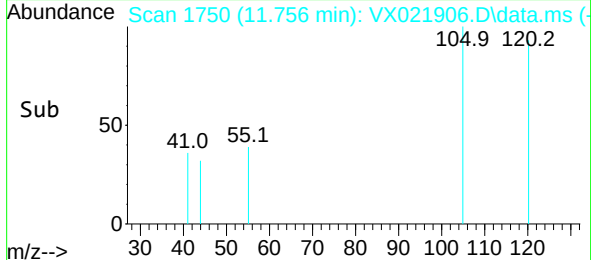
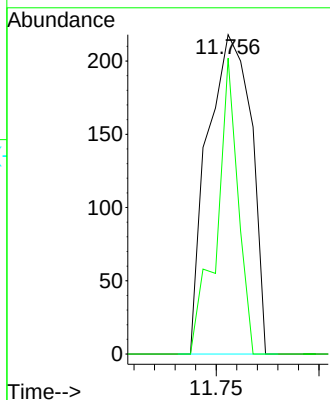
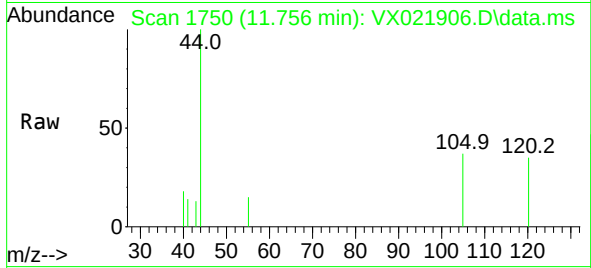




#62
 1,3,5-Trimethylbenzene
 Concen: 0.01 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.299 min
 Lab File: VX021906.D
 Acq: 11 May 2021 17:53

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion:105 Resp: 323
 Ion Ratio Lower Upper
 105 100
 120 45.2 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 0.01 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX021906.D
 Acq: 11 May 2021 17:53

Tgt Ion:105 Resp: 323
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.4 54.6

