

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
 Data File : VX025105.D
 Acq On : 08 Nov 2021 19:03
 Operator : JC/MD
 Sample : M4464-08 10X
 Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K6

Quant Time: Nov 09 04:18:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 09 03:59:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	167859	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	158280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	72793	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	69723	45.936	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.880%
7) Chloroethane-d5	1.660	69	55730	58.567	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.140%
11) 1,1-Dichloroethene-d2	2.306	63	103595	35.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.860%
21) 2-Butanone-d5	4.465	46	99858	95.728	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.730%
24) Chloroform-d	5.062	84	132222	44.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.620%
26) 1,2-Dichloroethane-d4	5.958	65	98397	50.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.820%
32) Benzene-d6	5.977	84	223833	39.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.440%
36) 1,2-Dichloropropane-d6	7.312	67	72822	43.853	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.700%
41) Toluene-d8	8.653	98	206326	43.553	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.100%
43) trans-1,3-Dichloroprop...	8.952	79	40018	45.152	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.300%
47) 2-Hexanone-d5	9.391	63	71658	101.022	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.020%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	99087	43.107	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.220%
66) 1,2-Dichlorobenzene-d4	12.323	152	68279	47.855	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	6928	5.084	ug/L #	87
12) 1,1-Dichloroethene	2.319	96	3983	3.324	ug/L #	1
20) cis-1,2-Dichloroethene	4.495	96	26390	18.732	ug/L	81
29) Cyclohexane	5.471	56	11394	4.703	ug/L #	33
30) 1,1,1-Trichloroethane	5.391	97	1399962	488.244	ug/L #	89
33) Benzene	6.044	78	7036	1.181	ug/L	100
34) Trichloroethene	7.135	95	3336637	2199.400	ug/L	98
35) Methylcyclohexane	7.385	83	6164	2.732	ug/L	95
39) cis-1,3-Dichloropropene	8.330	75	3475	1.557	ug/L #	77
42) Toluene	8.732	91	10766739	1898.937	ug/L	88
44) trans-1,3-Dichloropropene	8.952	75	2342	1.046	ug/L #	66
46) Tetrachloroethene	9.281	164	32193	38.322	ug/L	95
49) Dibromochloromethane	9.275	129	36849	27.226	ug/L #	11
52) Ethylbenzene	10.195	91	31890	5.231	ug/L	95
53) m,p-Xylene	10.305	106	25267	11.395	ug/L	87
54) o-Xylene	10.646	106	9356	4.459	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.219	83	4283	1.877	ug/L #	34
62) 1,3,5-Trimethylbenzene	11.457	105	22707	4.518	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	84596	17.164	ug/L	99

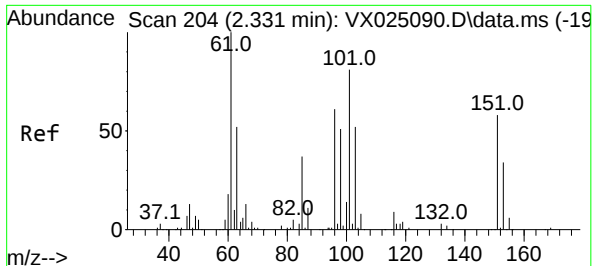
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
Data File : VX025105.D
Acq On : 08 Nov 2021 19:03
Operator : JC/MD
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Quant Time: Nov 09 04:18:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110821WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 09 03:59:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	13.780	128	6465	1.332	ug/L	96

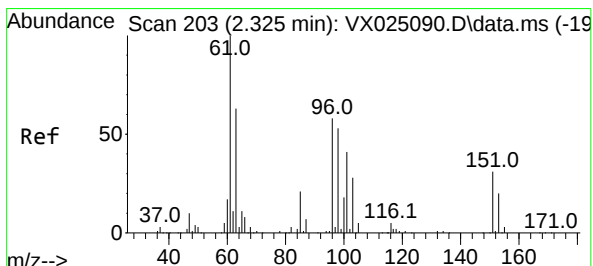
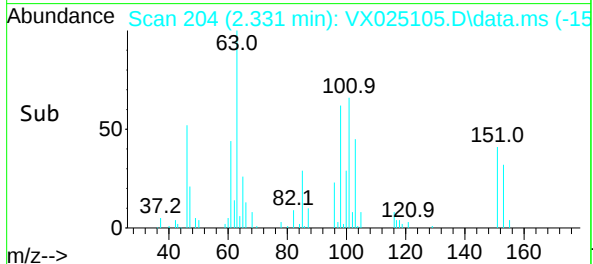
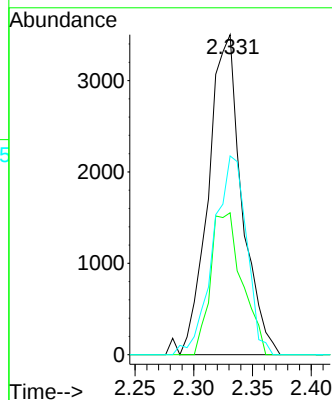
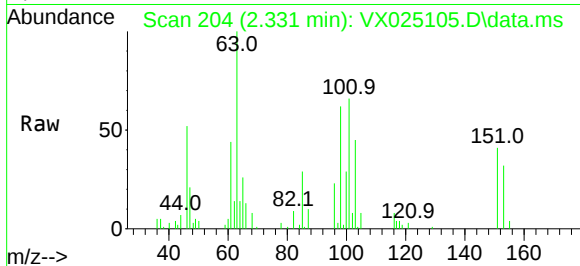
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.084 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX025105.D
 Acq: 08 Nov 2021 19:03

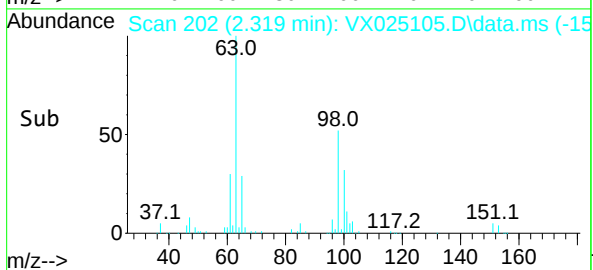
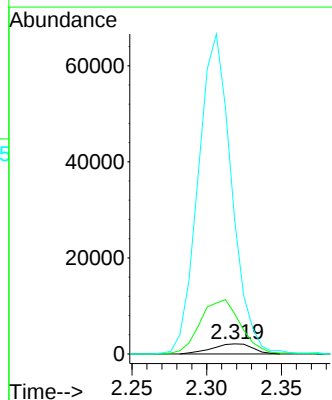
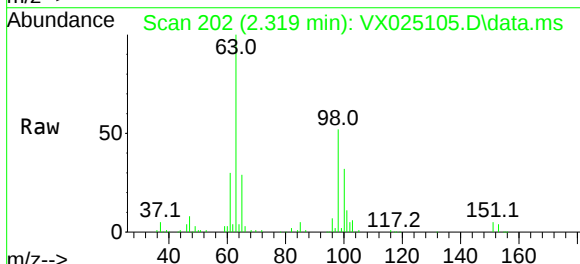
Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K6

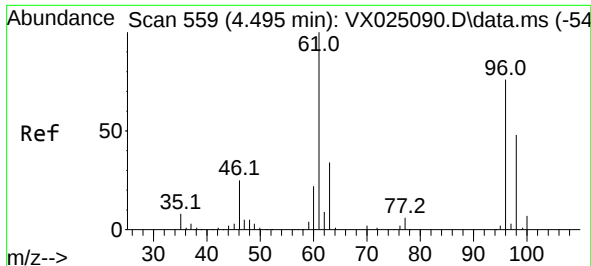
Tgt Ion:101 Resp: 6928
 Ion Ratio Lower Upper
 101 100
 85 41.9 35.3 52.9
 151 61.7 62.3 93.5#



#12
 1,1-Dichloroethene
 Concen: 3.324 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.006 min
 Lab File: VX025105.D
 Acq: 08 Nov 2021 19:03

Tgt Ion: 96 Resp: 3983
 Ion Ratio Lower Upper
 96 100
 61 399.0 109.9 204.1#
 63 1337.7 92.4 171.6#

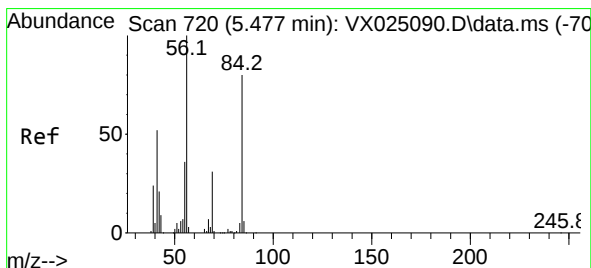
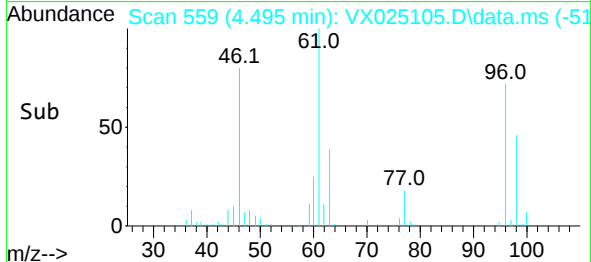
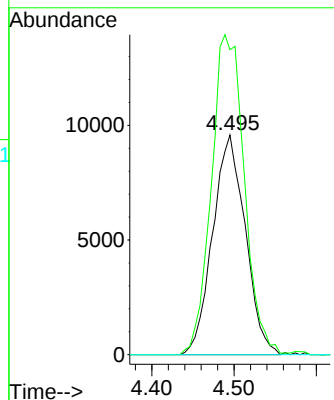
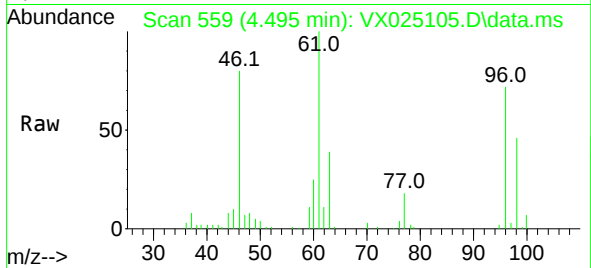




#20
 cis-1,2-Dichloroethene
 Concen: 18.732 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX025105.D
 Acq: 08 Nov 2021 19:03

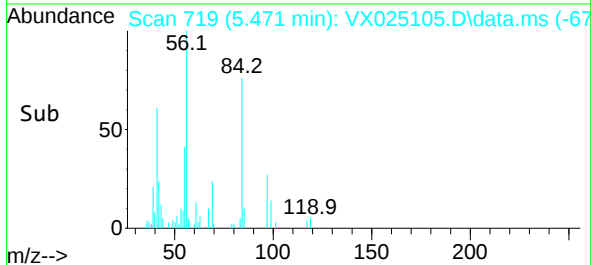
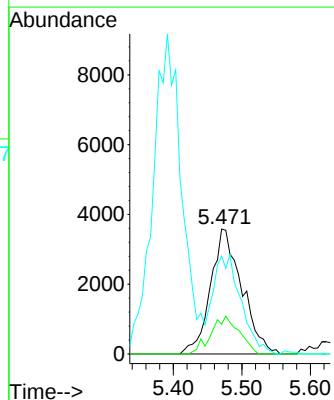
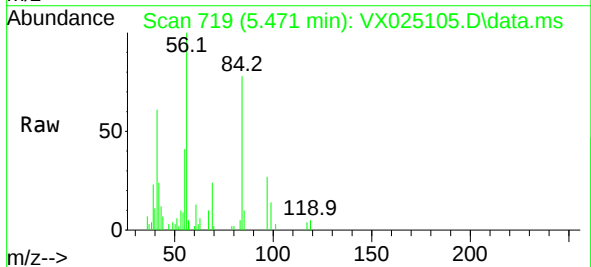
Instrument :
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 ClientSampleId :
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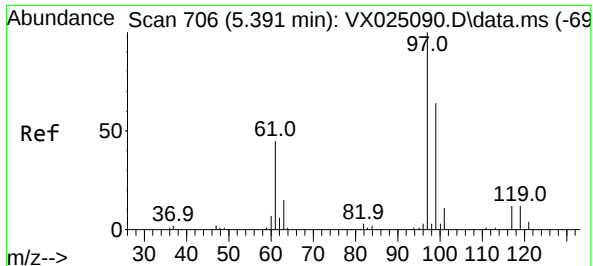
Tgt Ion: 96 Resp: 26390
 Ion Ratio Lower Upper
 96 100
 61 138.8 82.6 153.4
 68 0.0 0.0 0.0



#29
 Cyclohexane
 Concen: 4.703 ug/L
 RT: 5.471 min Scan# 719
 Delta R.T. -0.006 min
 Lab File: VX025105.D
 Acq: 08 Nov 2021 19:03

Tgt Ion: 56 Resp: 11394
 Ion Ratio Lower Upper
 56 100
 69 24.5 30.8 46.2#
 84 21.8 86.8 130.2#

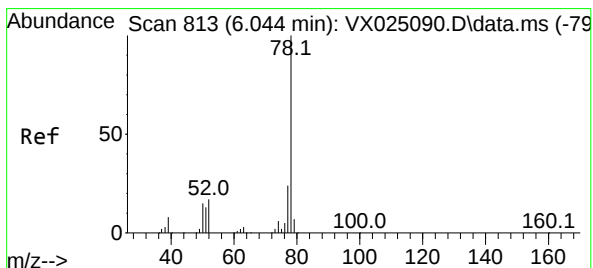
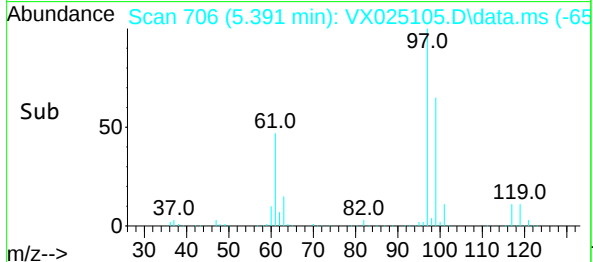
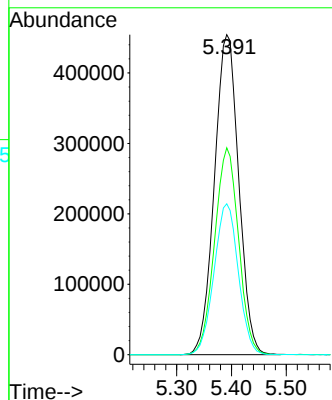
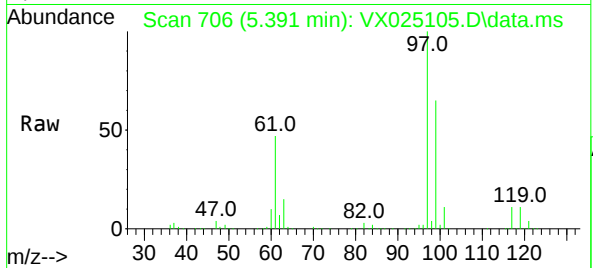




#30
1,1,1-Trichloroethane
Concen: 488.244 ug/L
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025105.D
Acq: 08 Nov 2021 19:03

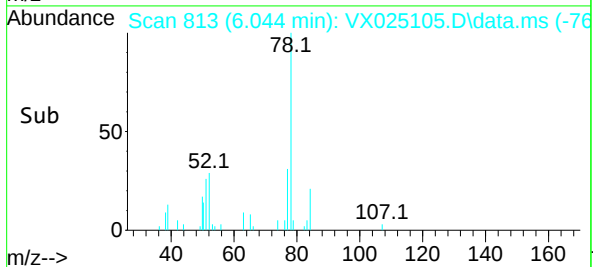
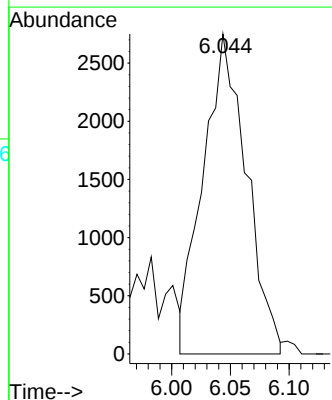
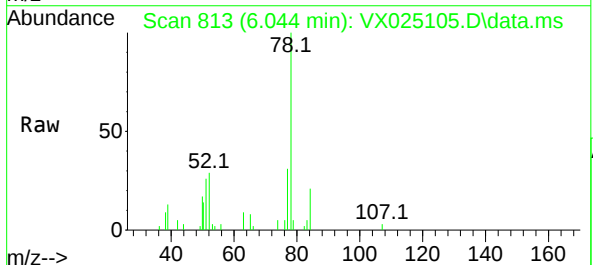
Instrument :
MSVOA_X
ClientSampleId :
GB7K6

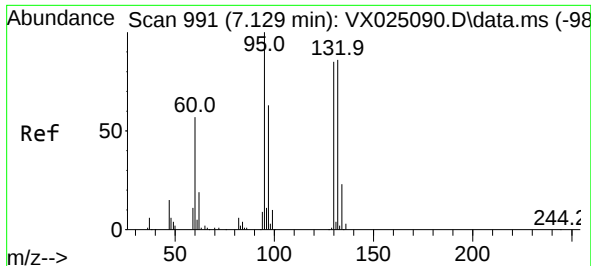
Tgt Ion: 97 Resp: 1399962
Ion Ratio Lower Upper
97 100
99 63.8 53.1 79.7
61 47.2 26.3 39.5#



#33
Benzene
Concen: 1.181 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025105.D
Acq: 08 Nov 2021 19:03

Tgt Ion: 78 Resp: 7036

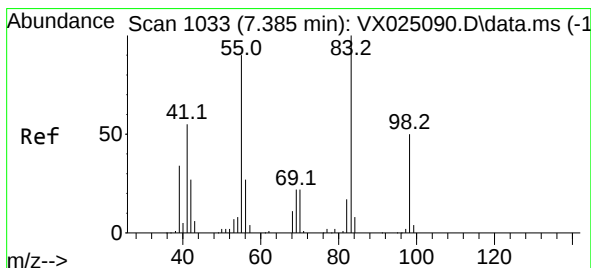
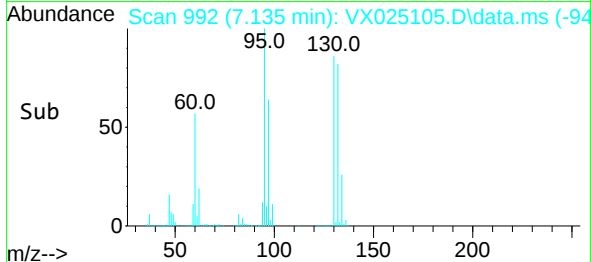
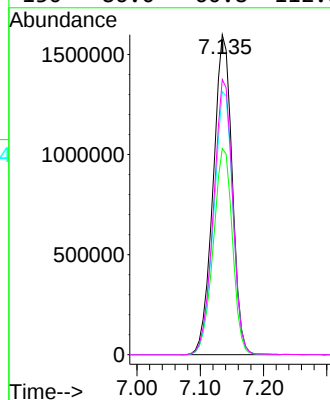
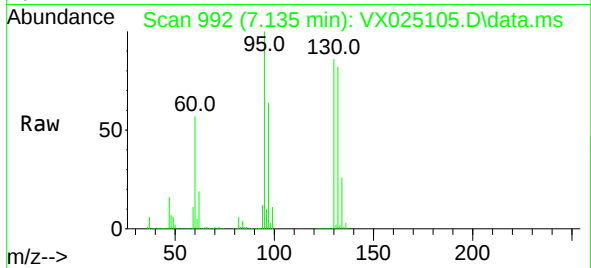




#34
Trichloroethene
Concen: 2199.400 ug/L
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025105.D
Acq: 08 Nov 2021 19:03

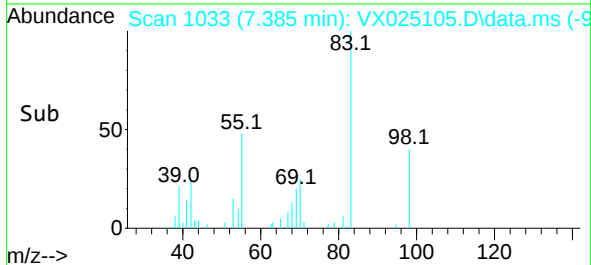
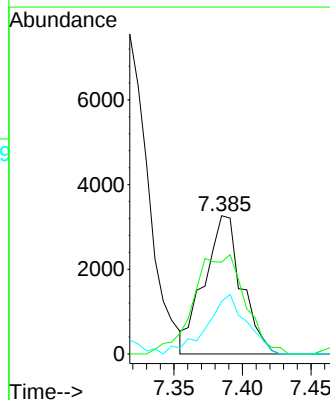
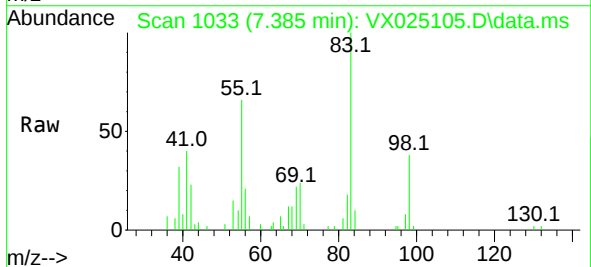
Instrument :
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ClientSampleId :
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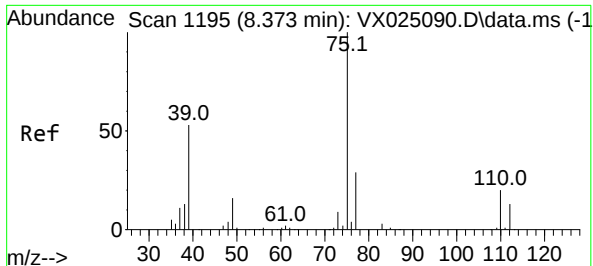
Tgt Ion: 95 Resp: 3336637
Ion Ratio Lower Upper
95 100
97 64.4 44.2 82.2
132 82.2 60.1 111.5
130 86.0 60.8 112.8



#35
Methylcyclohexane
Concen: 2.732 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025105.D
Acq: 08 Nov 2021 19:03

Tgt Ion: 83 Resp: 6164
Ion Ratio Lower Upper
83 100
55 59.9 52.6 79.0
98 45.8 37.9 56.9





#39

cis-1,3-Dichloropropene

Concen: 1.557 ug/L

RT: 8.330 min Scan# 1195

Delta R.T. -0.043 min

Lab File: VX025105.D

Acq: 08 Nov 2021 19:03

Instrument :

MSVOA_X

ClientSampleId :

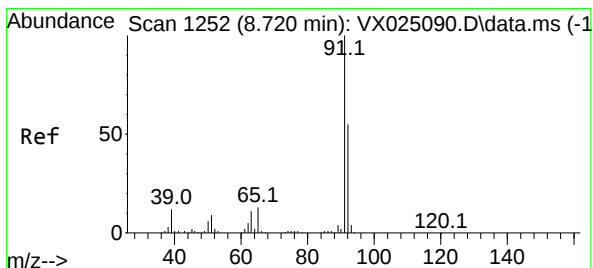
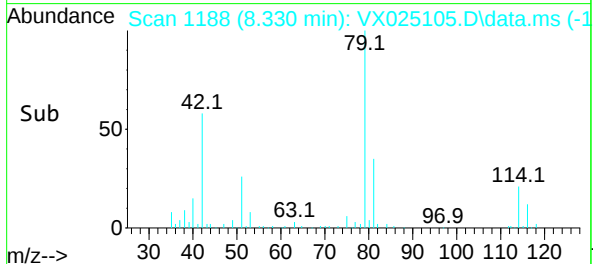
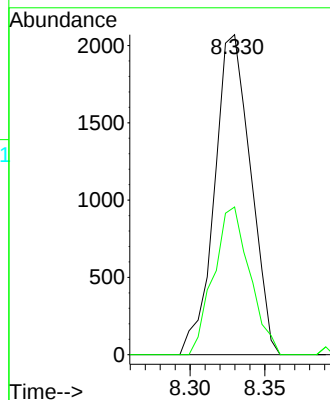
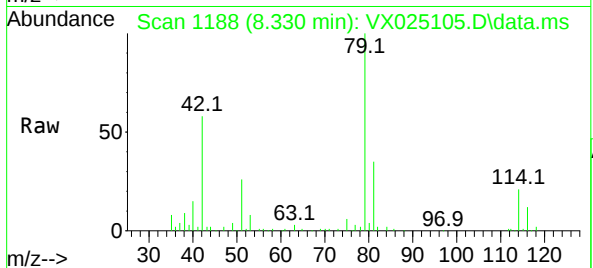
GB7K6

Tgt Ion: 75 Resp: 3475

Ion Ratio Lower Upper

75 100

77 46.1 23.1 42.9#



#42

Toluene

Concen: 1898.937 ug/L

RT: 8.732 min Scan# 1254

Delta R.T. 0.012 min

Lab File: VX025105.D

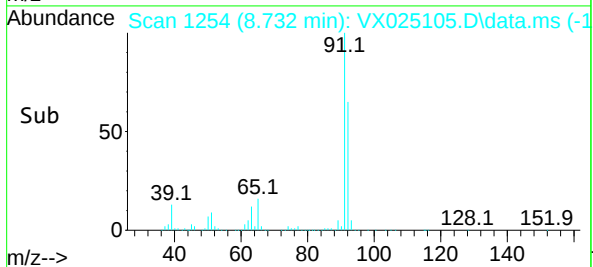
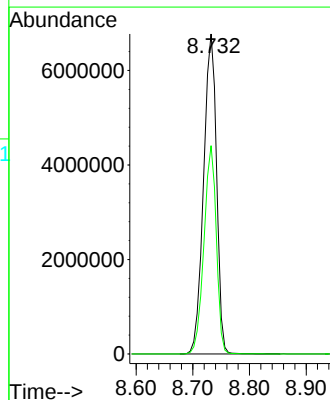
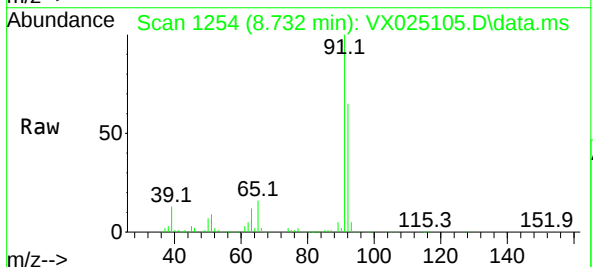
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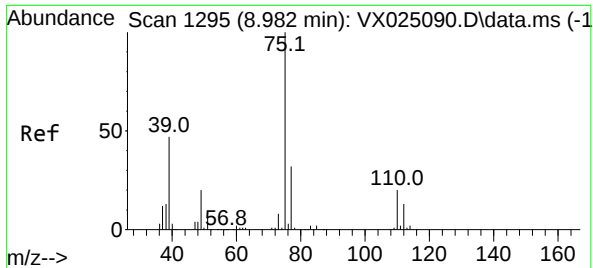
Tgt Ion: 91 Resp: 10766739

Ion Ratio Lower Upper

91 100

92 65.1 39.3 72.9

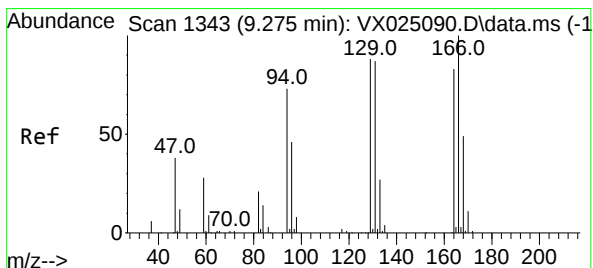
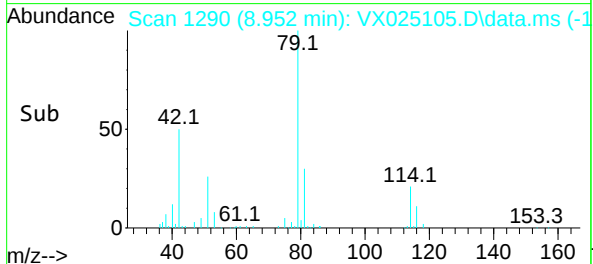
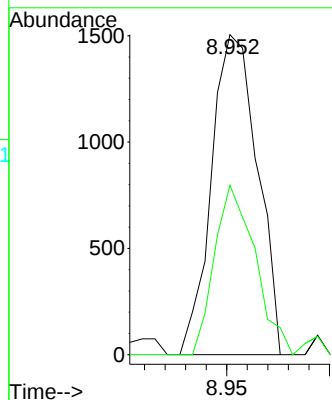
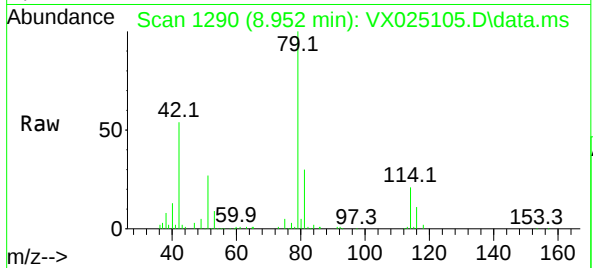




#44
trans-1,3-Dichloropropene
Concen: 1.046 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX025105.D
Acq: 08 Nov 2021 19:03

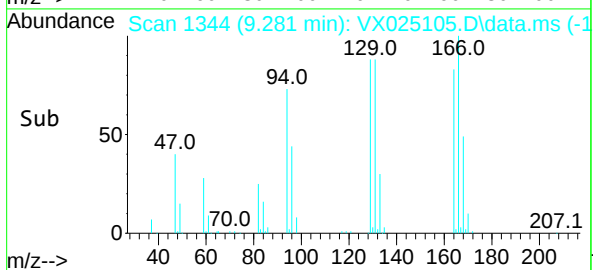
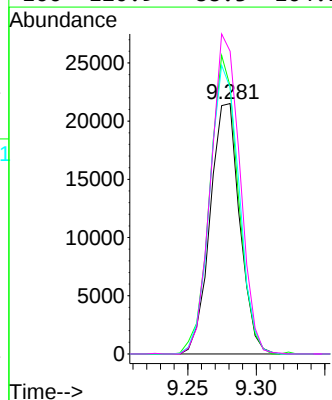
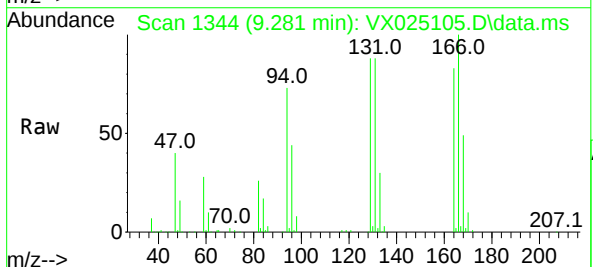
Instrument :
MSVOA_X
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GB7K6

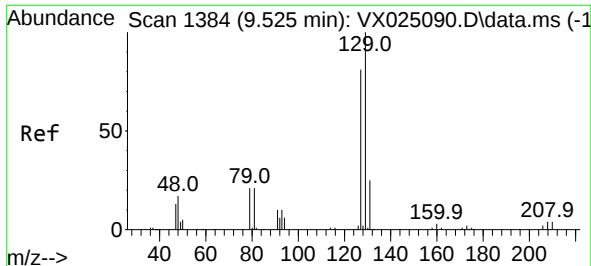
Tgt Ion: 75 Resp: 2342
Ion Ratio Lower Upper
75 100
77 53.0 23.4 43.6#



#46
Tetrachloroethene
Concen: 38.322 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX025105.D
Acq: 08 Nov 2021 19:03

Tgt Ion:164 Resp: 32193
Ion Ratio Lower Upper
164 100
129 106.9 78.5 145.7
131 106.3 70.5 130.9
166 120.9 88.3 164.1





#49

Dibromochloromethane

Concen: 27.226 ug/L

RT: 9.275 min Scan# 1

Delta R.T. -0.250 min

Lab File: VX025105.D

Acq: 08 Nov 2021 19:03

Instrument :

MSVOA_X

ClientSampleId :

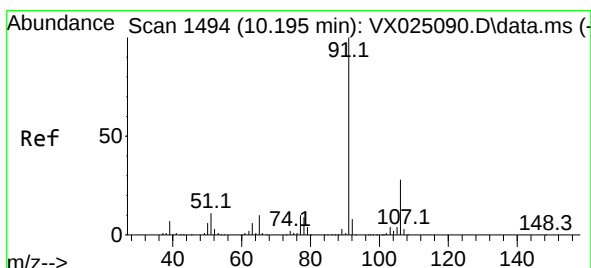
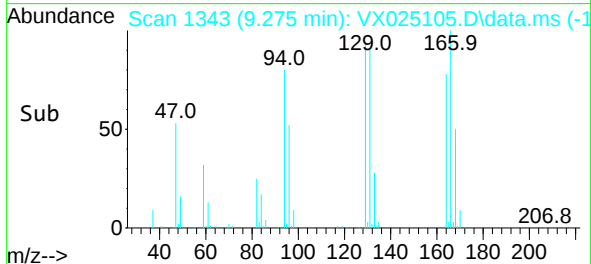
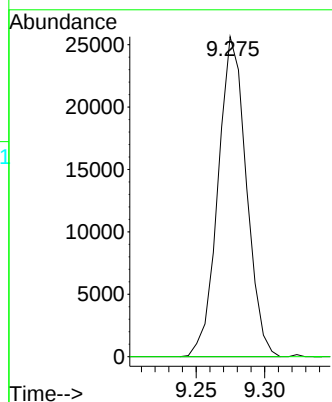
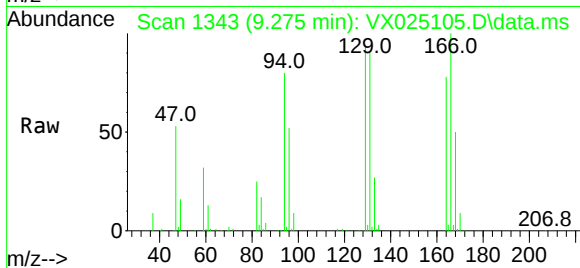
GB7K6

Tgt Ion:129 Resp: 36849

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#52

Ethylbenzene

Concen: 5.231 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX025105.D

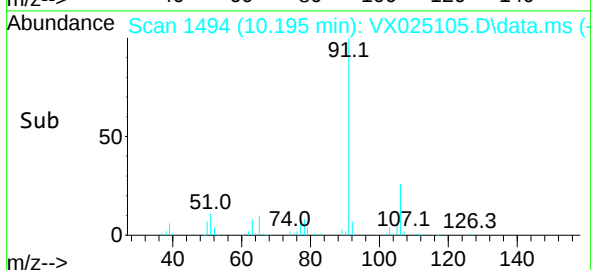
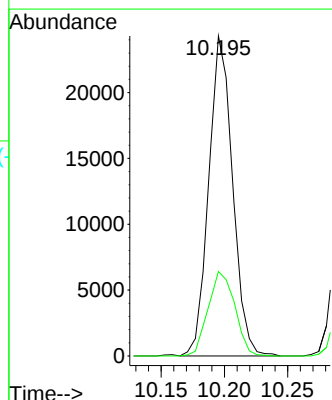
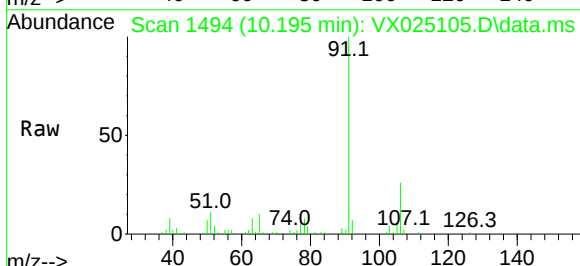
Acq: 08 Nov 2021 19:03

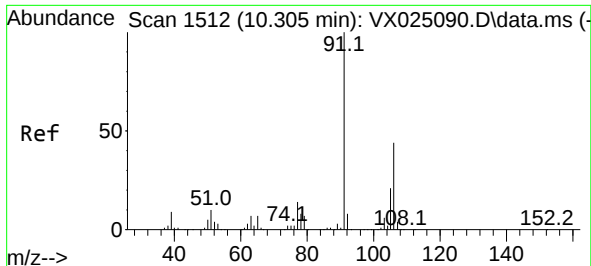
Tgt Ion: 91 Resp: 31890

Ion Ratio Lower Upper

91 100

106 26.4 20.2 37.6

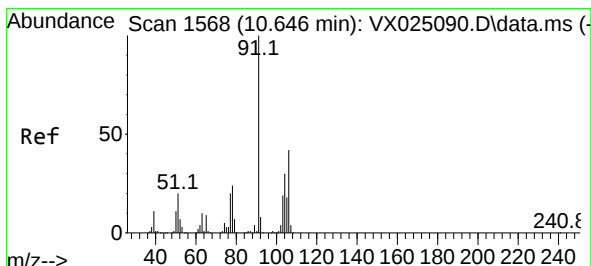
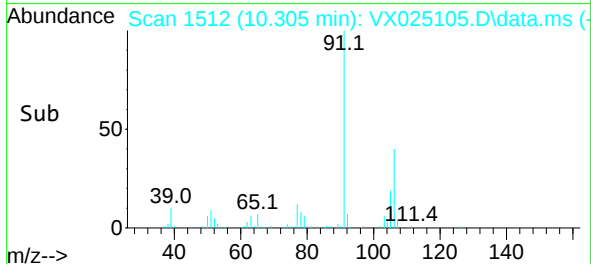
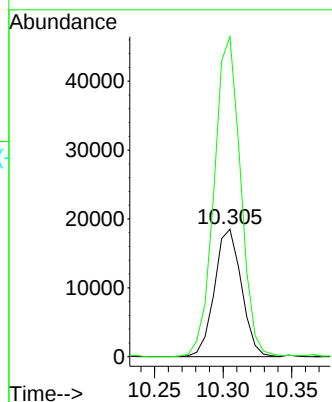
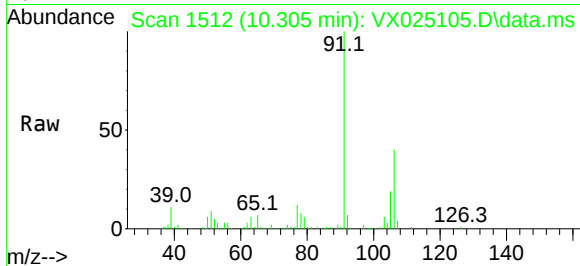




#53
m,p-Xylene
Concen: 11.395 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025105.D
Acq: 08 Nov 2021 19:03

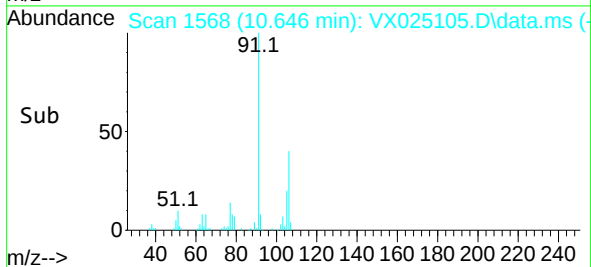
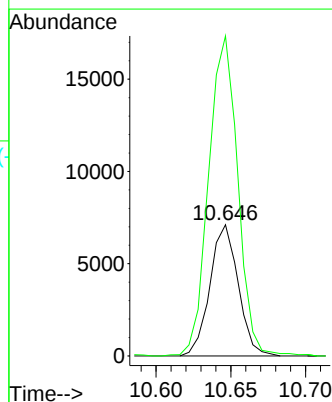
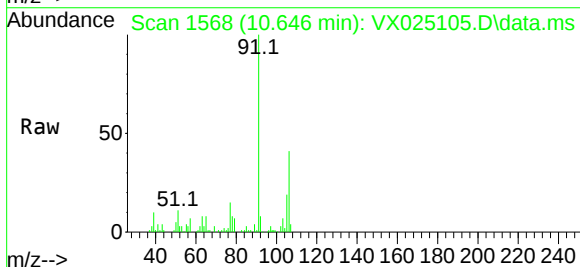
Instrument :
MSVOA_X
ClientSampleId :
GB7K6

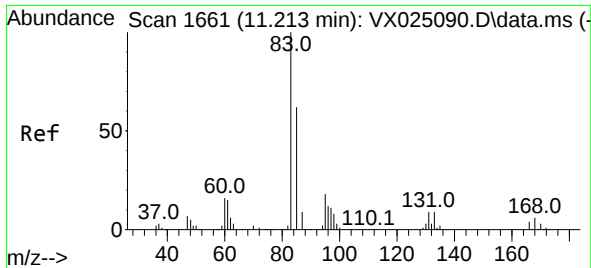
Tgt Ion:106 Resp: 25267
Ion Ratio Lower Upper
106 100
91 251.1 160.2 297.6



#54
o-Xylene
Concen: 4.459 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025105.D
Acq: 08 Nov 2021 19:03

Tgt Ion:106 Resp: 9356
Ion Ratio Lower Upper
106 100
91 243.9 164.4 305.4





#57

1,1,2,2-Tetrachloroethane

Concen: 1.877 ug/L

RT: 11.219 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX025105.D

Acq: 08 Nov 2021 19:03

Instrument :

MSVOA_X

ClientSampleId :

GB7K6

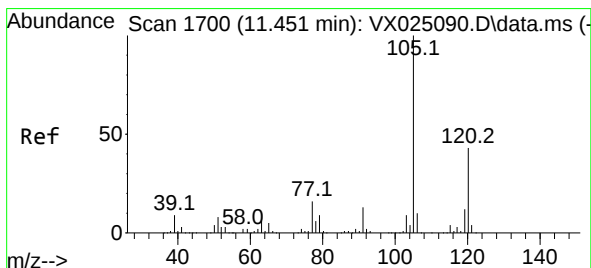
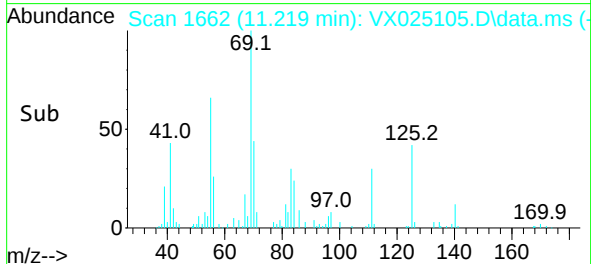
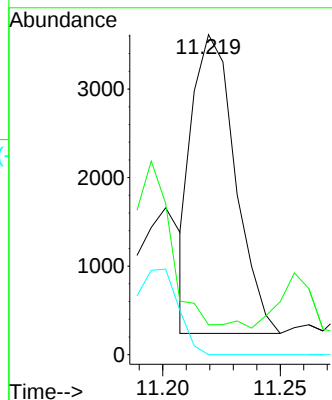
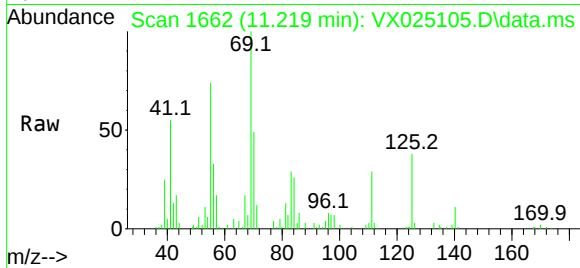
Tgt Ion: 83 Resp: 4283

Ion Ratio Lower Upper

83 100

85 9.4 46.9 87.1#

131 0.0 8.7 13.1#



#62

1,3,5-Trimethylbenzene

Concen: 4.518 ug/L

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX025105.D

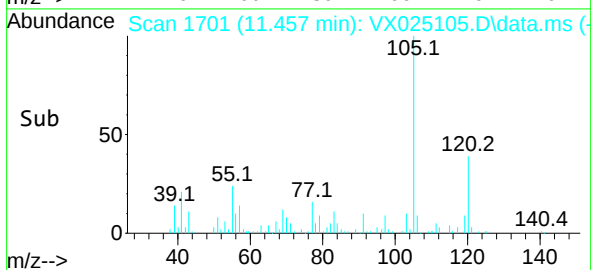
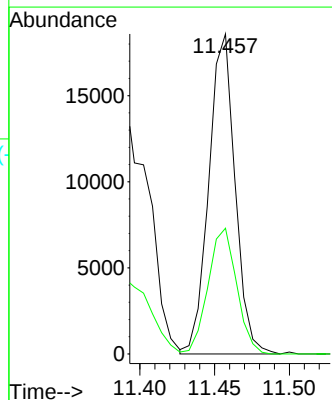
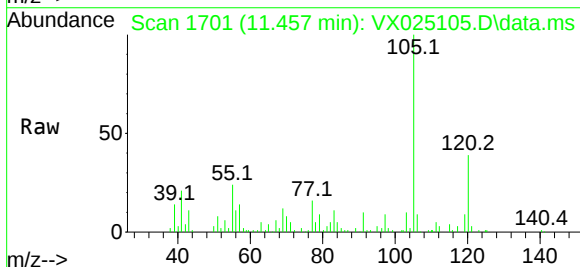
Acq: 08 Nov 2021 19:03

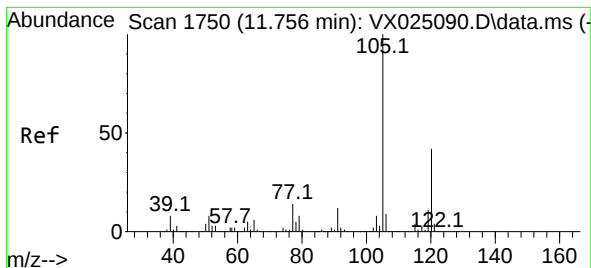
Tgt Ion:105 Resp: 22707

Ion Ratio Lower Upper

105 100

120 42.7 34.4 51.6





#63

1,2,4-Trimethylbenzene

Concen: 17.164 ug/L

RT: 11.756 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025105.D

Acq: 08 Nov 2021 19:03

Instrument :

MSVOA_X

ClientSampleId :

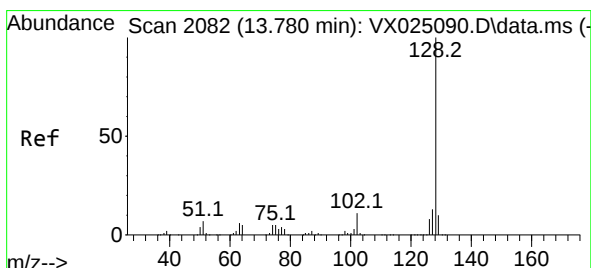
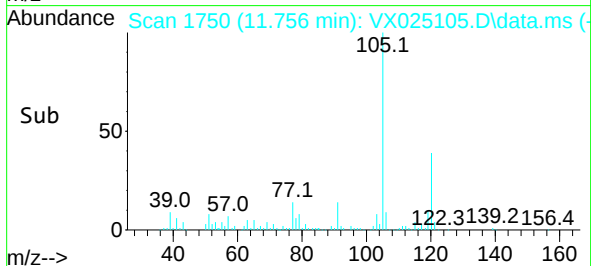
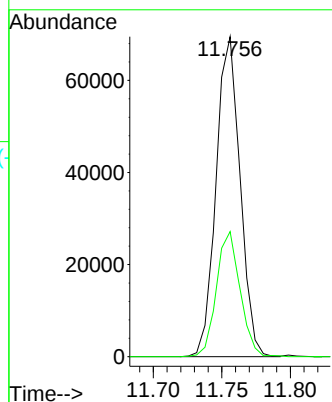
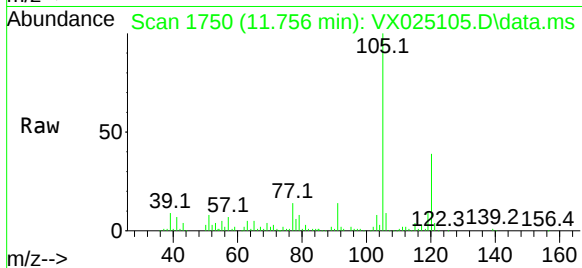
GB7K6

Tgt Ion:105 Resp: 84596

Ion Ratio Lower Upper

105 100

120 38.3 31.0 46.6



#71

Naphthalene

Concen: 1.332 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX025105.D

Acq: 08 Nov 2021 19:03

Tgt Ion:128 Resp: 6465

Ion Ratio Lower Upper

128 100

127 14.0 10.6 15.8

129 9.3 9.1 13.7

