

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122421\
 Data File : VX026022.D
 Acq On : 24 Dec 2021 18:06
 Operator : JC/MD
 Sample : M5171-09ME 100X
 Misc : 5.99g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGLA5ME

Quant Time: Dec 25 00:31:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

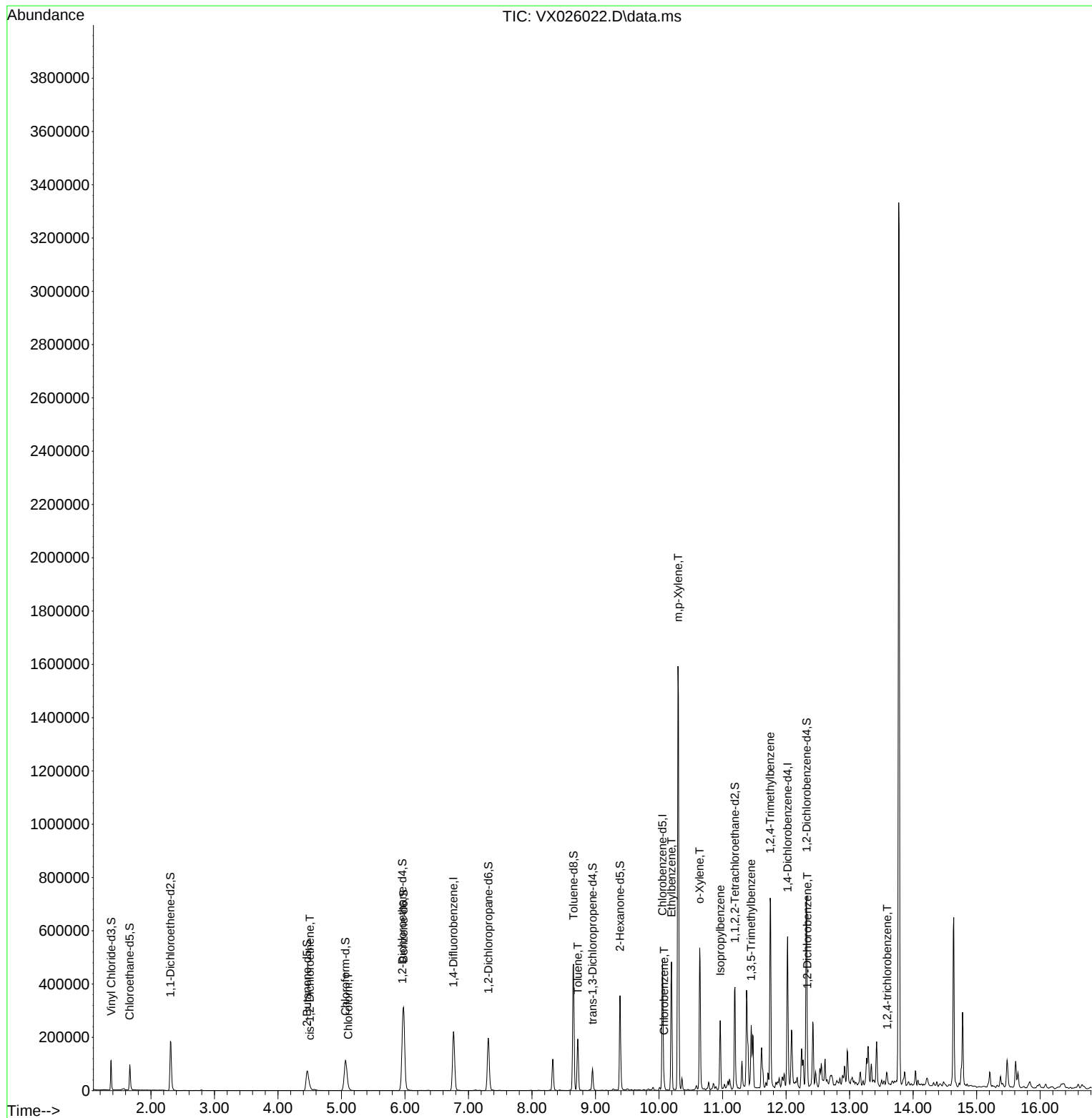
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	218832	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	207625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	109081	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	71319	45.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.920%		
7) Chloroethane-d5	1.666	69	59503	47.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.960%		
11) 1,1-Dichloroethene-d2	2.306	63	108134	35.163	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.320%		
21) 2-Butanone-d5	4.458	46	124991	92.902	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.900%		
24) Chloroform-d	5.062	84	135918	43.767	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.540%		
26) 1,2-Dichloroethane-d4	5.958	65	102461	48.731	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.460%		
32) Benzene-d6	5.976	84	300626	50.304	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.600%		
36) 1,2-Dichloropropane-d6	7.312	67	94913	51.093	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.180%		
41) Toluene-d8	8.653	98	276344	49.525	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.060%		
43) trans-1,3-Dichloroprop...	8.952	79	34369	42.524	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.040%		
47) 2-Hexanone-d5	9.384	63	96739	100.903	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.900%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	134092	48.953	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.900%		
66) 1,2-Dichlorobenzene-d4	12.323	152	108798	52.782	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.560%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.501	96	3462	1.981	ug/L	82
25) Chloroform	5.105	83	13022	4.226	ug/L	95
42) Toluene	8.720	91	120977	17.230	ug/L	100
51) Chlorobenzene	10.079	112	10436	2.361	ug/L	95
52) Ethylbenzene	10.195	91	269506	35.392	ug/L	97
53) m,p-Xylene	10.299	106	355845	122.417	ug/L	90
54) o-Xylene	10.640	106	109682	38.093	ug/L	90
60) Isopropylbenzene	10.963	105	125217	16.708	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	91058	14.511	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	305374	48.579	ug/L #	81
67) 1,2-Dichlorobenzene	12.335	146	13473	4.075	ug/L #	87
70) 1,2,4-trichlorobenzene	13.591	180	4462	2.232	ug/L #	80

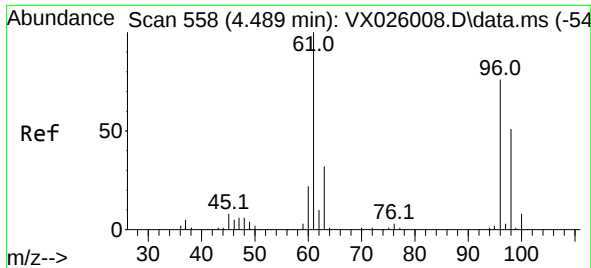
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122421\
Data File : VX026022.D
Acq On : 24 Dec 2021 18:06
Operator : JC/MD
Sample : M5171-09ME 100X
Misc : 5.99g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGLA5ME

Quant Time: Dec 25 00:31:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration

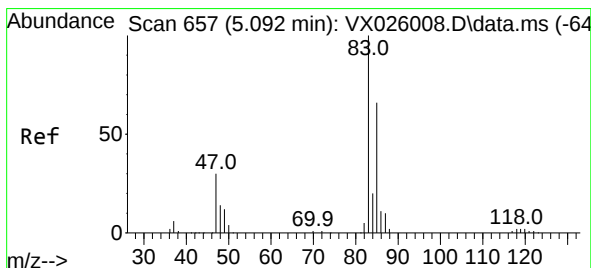
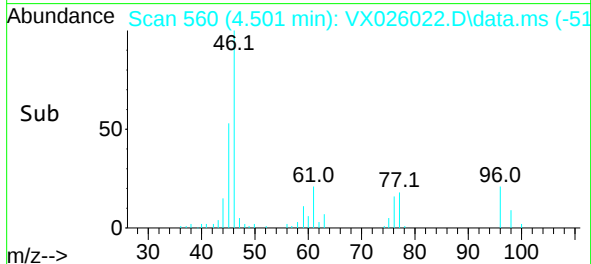
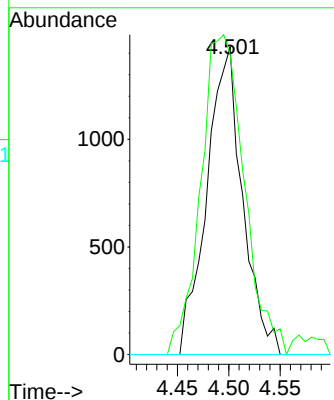
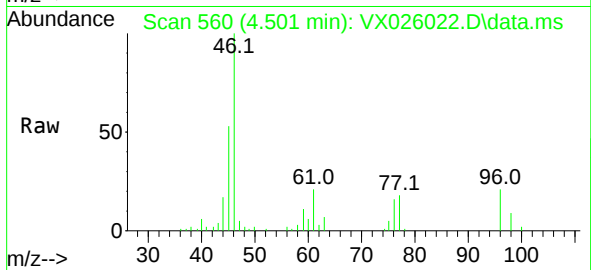




#20
 cis-1,2-Dichloroethene
 Concen: 1.981 ug/L
 RT: 4.501 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX026022.D
 Acq: 24 Dec 2021 18:06

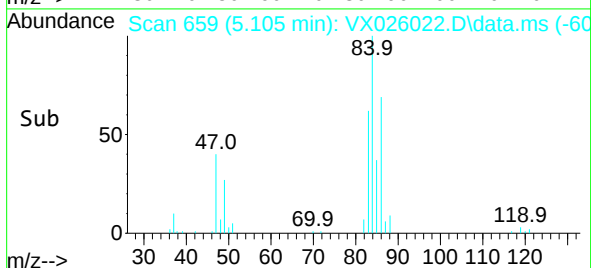
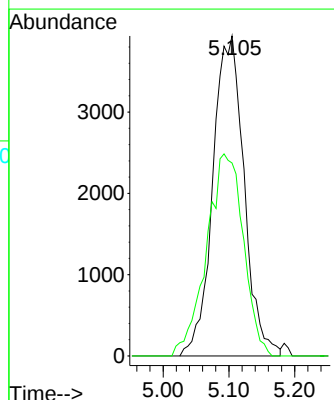
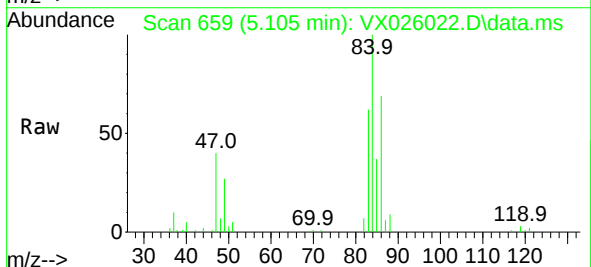
Instrument :
 MSVOA_X
 ClientSampleId :
 BGLA5ME

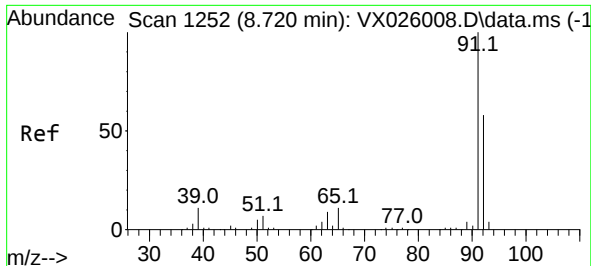
Tgt Ion: 96 Resp: 3462
 Ion Ratio Lower Upper
 96 100
 61 97.7 82.3 152.8
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 4.226 ug/L
 RT: 5.105 min Scan# 659
 Delta R.T. 0.006 min
 Lab File: VX026022.D
 Acq: 24 Dec 2021 18:06

Tgt Ion: 83 Resp: 13022
 Ion Ratio Lower Upper
 83 100
 85 60.3 44.9 83.5





#42

Toluene

Concen: 17.230 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026022.D

Acq: 24 Dec 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

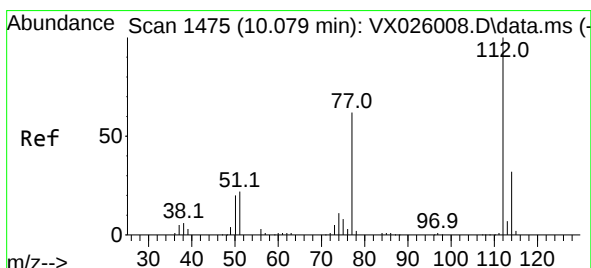
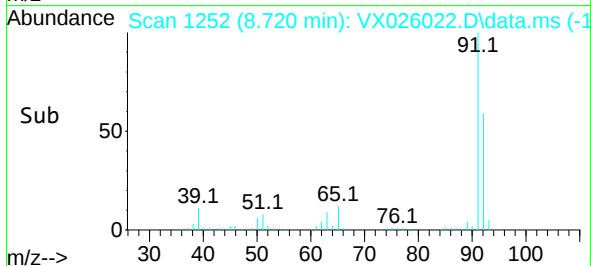
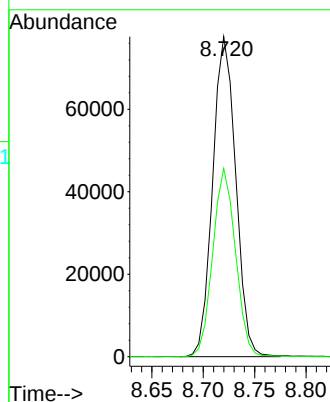
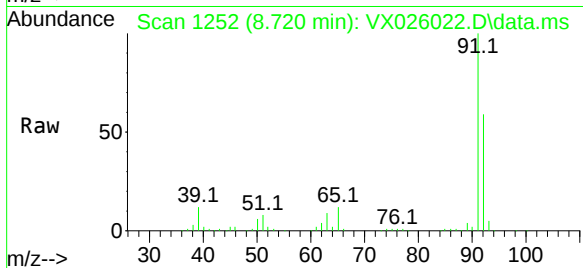
BGLA5ME

Tgt Ion: 91 Resp: 120977

Ion Ratio Lower Upper

91 100

92 58.8 41.2 76.6



#51

Chlorobenzene

Concen: 2.361 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX026022.D

Acq: 24 Dec 2021 18:06

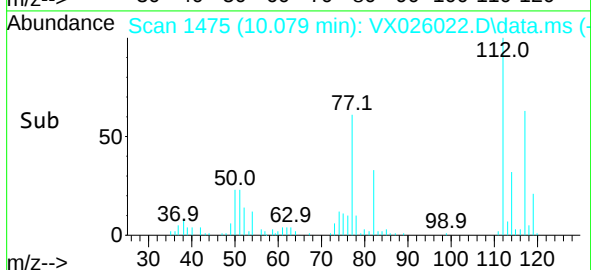
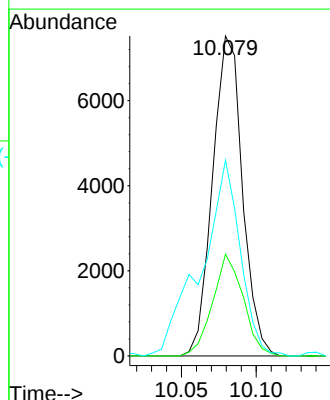
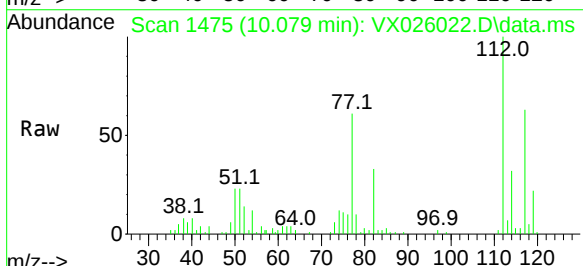
Tgt Ion: 112 Resp: 10436

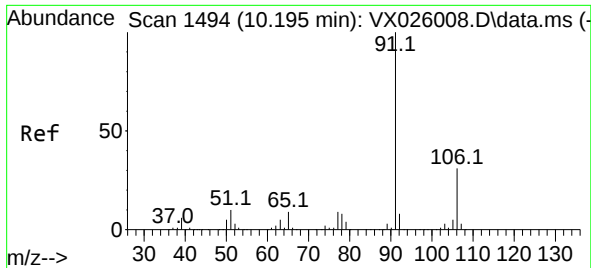
Ion Ratio Lower Upper

112 100

114 31.8 22.5 41.9

77 61.2 44.5 66.7





#52

Ethylbenzene

Concen: 35.392 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX026022.D

Acq: 24 Dec 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

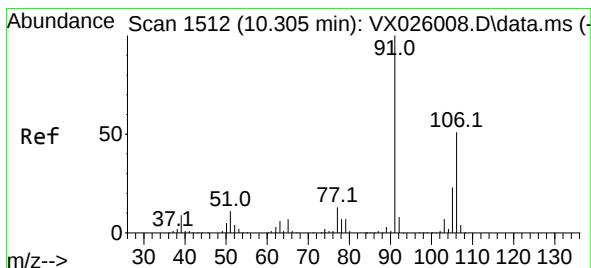
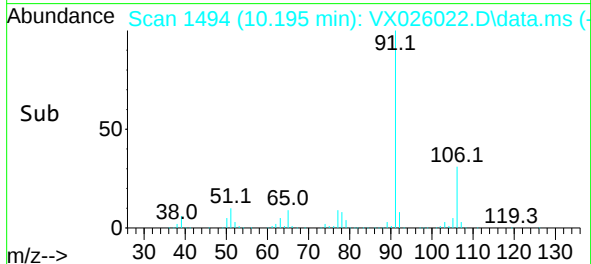
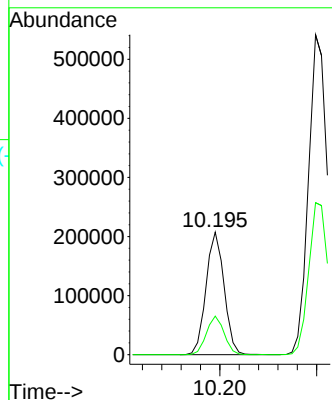
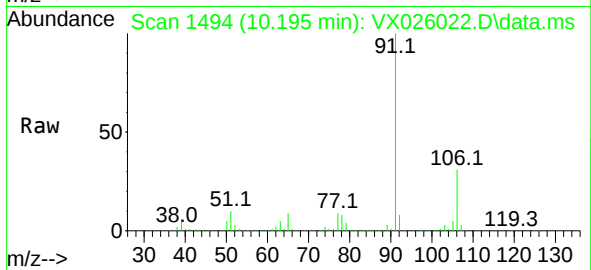
BGLA5ME

Tgt Ion: 91 Resp: 269506

Ion Ratio Lower Upper

91 100

106 31.4 23.1 42.9



#53

m,p-Xylene

Concen: 122.417 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX026022.D

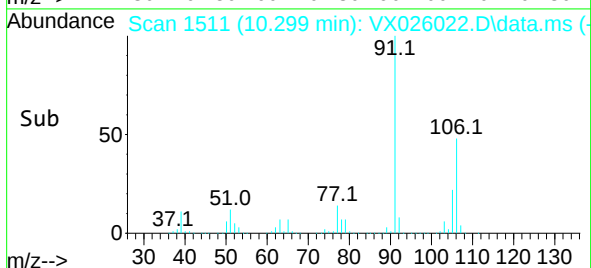
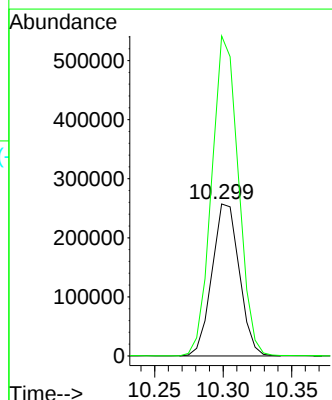
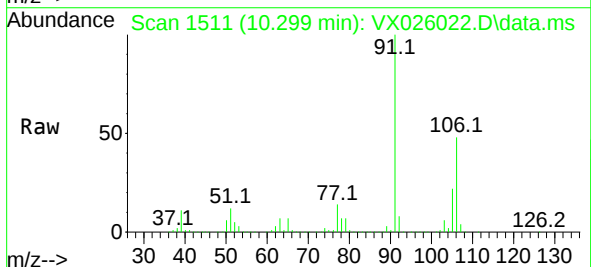
Acq: 24 Dec 2021 18:06

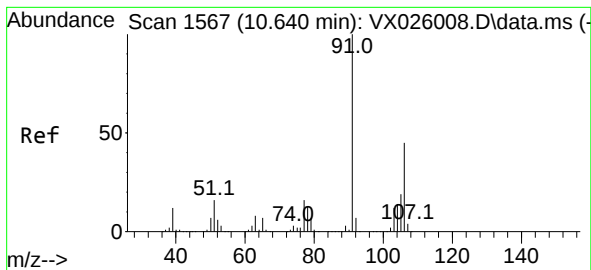
Tgt Ion: 106 Resp: 355845

Ion Ratio Lower Upper

106 100

91 210.5 136.8 254.2





#54

o-Xylene

Concen: 38.093 ug/L

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026022.D

Acq: 24 Dec 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

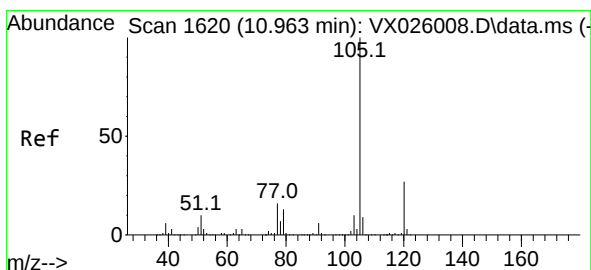
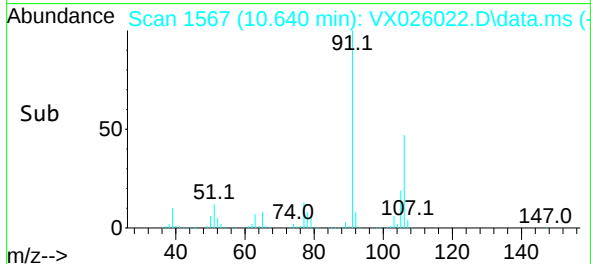
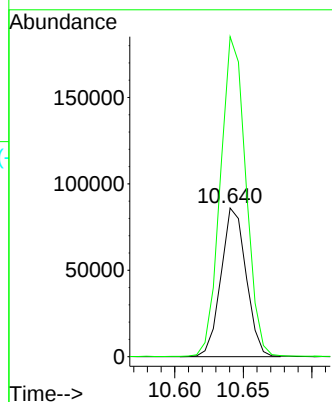
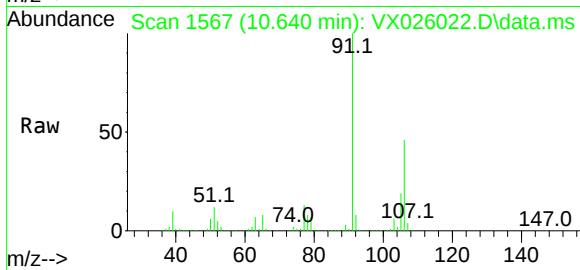
BGLA5ME

Tgt Ion:106 Resp: 109682

Ion Ratio Lower Upper

106 100

91 215.2 140.5 260.9



#60

Isopropylbenzene

Concen: 16.708 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX026022.D

Acq: 24 Dec 2021 18:06

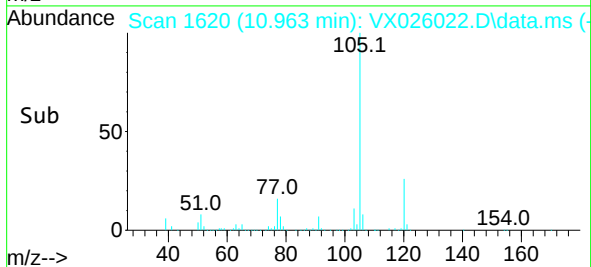
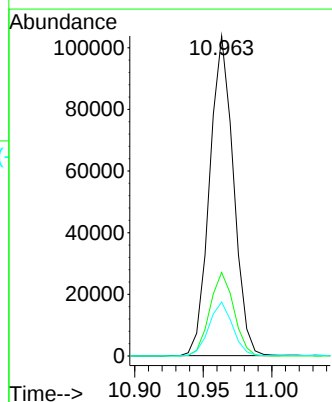
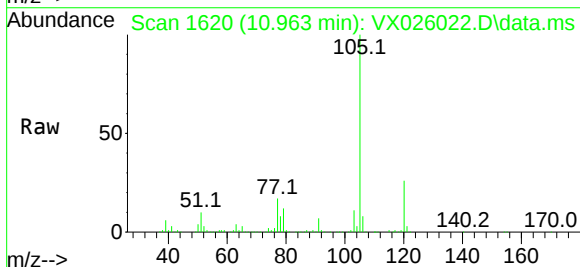
Tgt Ion:105 Resp: 125217

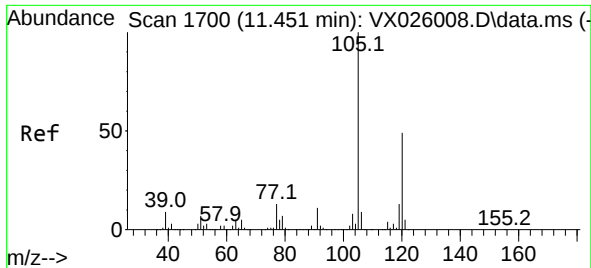
Ion Ratio Lower Upper

105 100

120 26.4 22.3 33.5

77 16.8 11.5 17.3

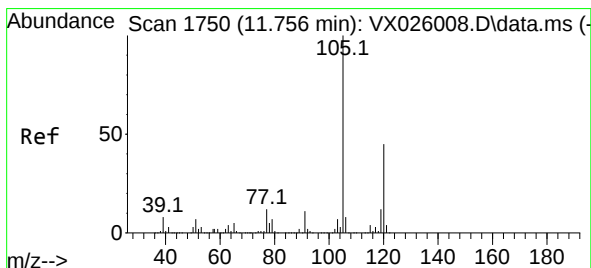
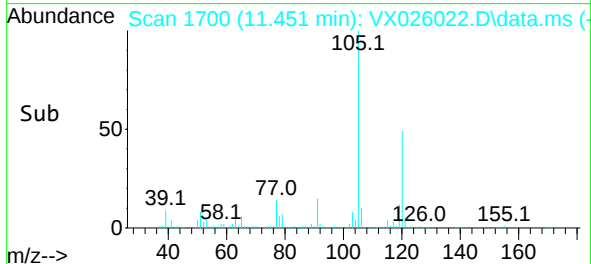
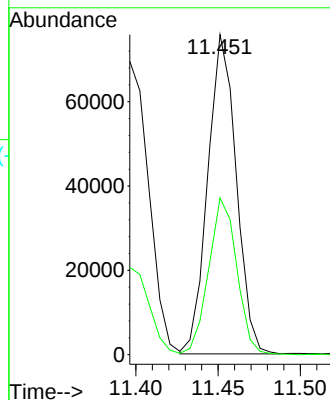
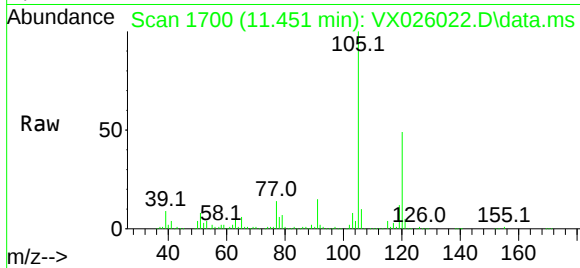




#62
1,3,5-Trimethylbenzene
Concen: 14.511 ug/L
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026022.D
Acq: 24 Dec 2021 18:06

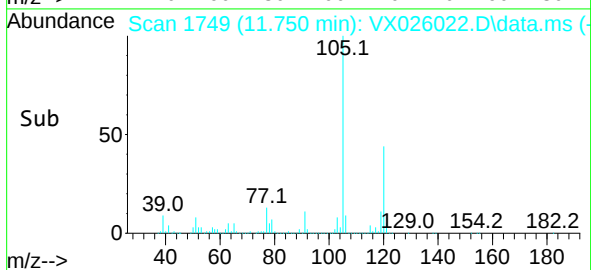
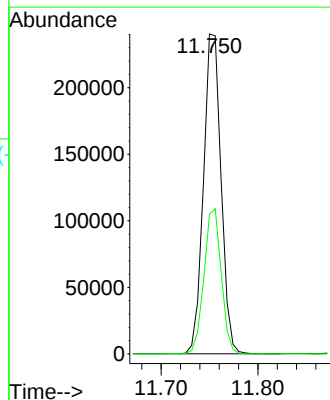
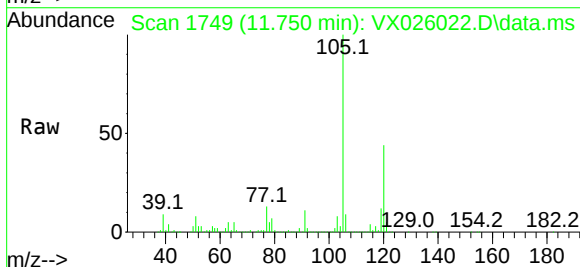
Instrument :
MSVOA_X
ClientSampleId :
BGLA5ME

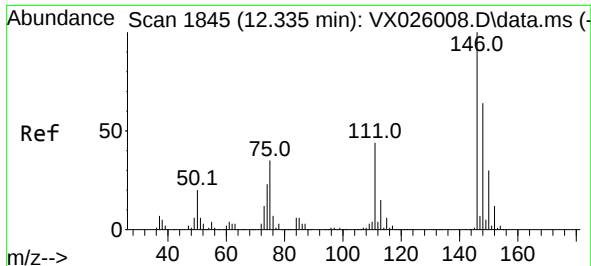
Tgt Ion:105 Resp: 91058
Ion Ratio Lower Upper
105 100
120 48.7 41.0 61.4



#63
1,2,4-Trimethylbenzene
Concen: 48.579 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX026022.D
Acq: 24 Dec 2021 18:06

Tgt Ion:105 Resp: 305374
Ion Ratio Lower Upper
105 100
120 44.5 0.1 0.1#





#67

1,2-Dichlorobenzene

Concen: 4.075 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX026022.D

Acq: 24 Dec 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

BGLA5ME

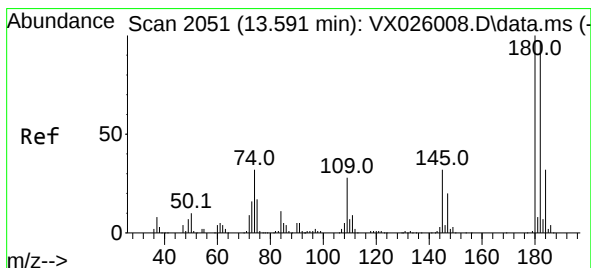
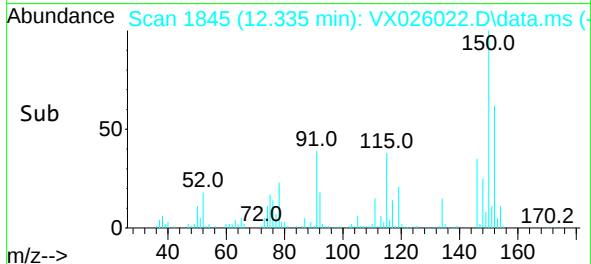
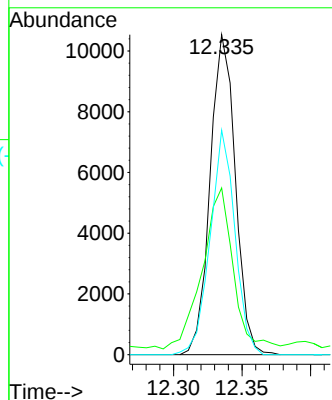
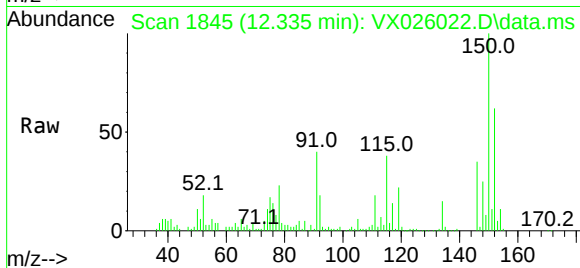
Tgt Ion:146 Resp: 13473

Ion Ratio Lower Upper

146 100

111 52.1 32.3 48.5#

148 70.2 50.3 75.5



#70

1,2,4-trichlorobenzene

Concen: 2.232 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX026022.D

Acq: 24 Dec 2021 18:06

Tgt Ion:180 Resp: 4462

Ion Ratio Lower Upper

180 100

182 106.2 78.2 117.4

145 61.3 24.7 37.1#

