

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122421\
 Data File : VX026021.D
 Acq On : 24 Dec 2021 17:42
 Operator : JC/MD
 Sample : M5171-10MEDL 10X
 Misc : 6.48g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGLA6MEDL

Quant Time: Dec 24 23:03:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.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)

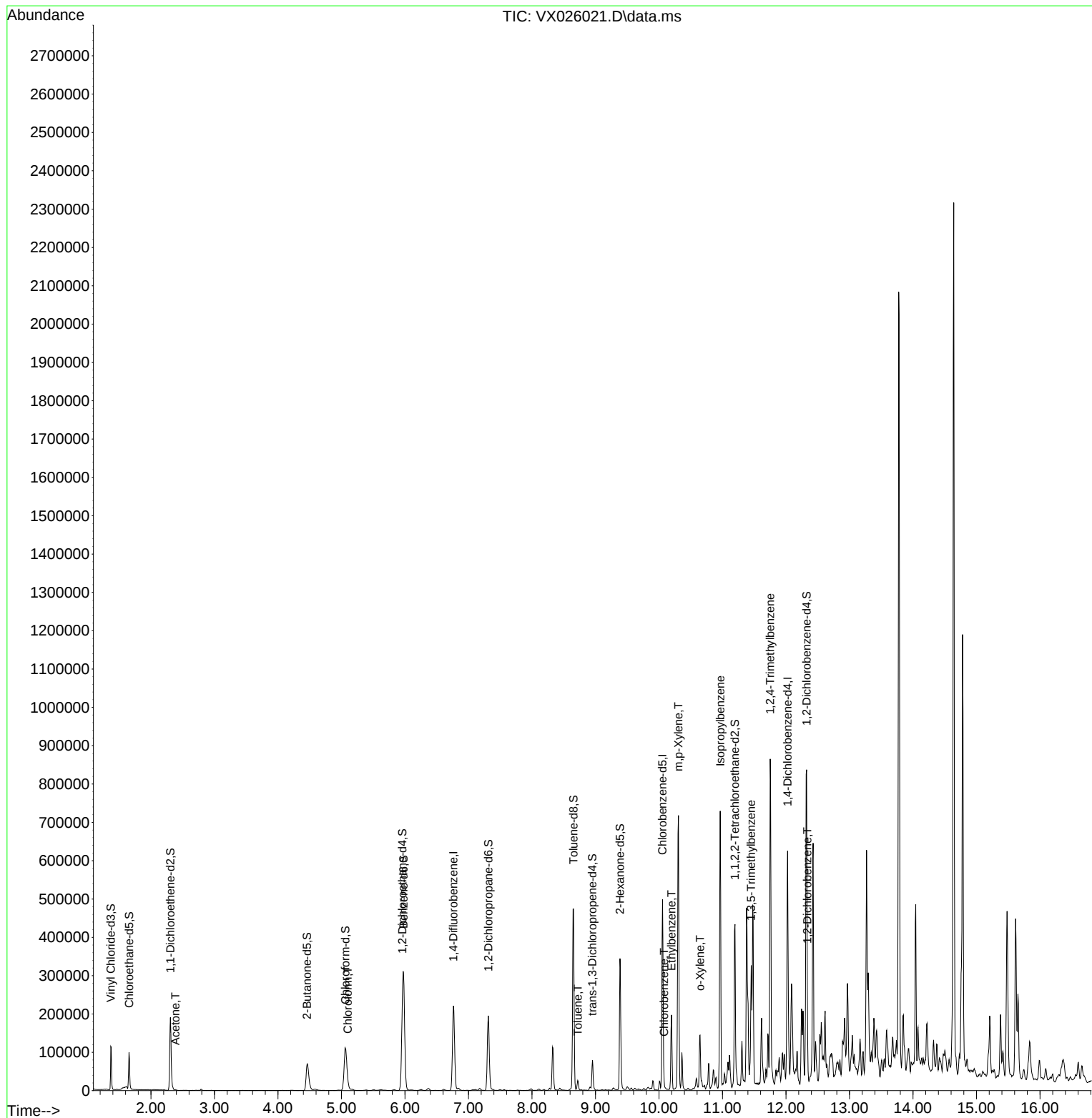
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	219391	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	208781	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114053	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	71466	45.936	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.880%
7) Chloroethane-d5	1.654	69	58545	47.087	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.180%
11) 1,1-Dichloroethene-d2	2.307	63	108035	35.042	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.080%
21) 2-Butanone-d5	4.459	46	122434	90.769	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.770%
24) Chloroform-d	5.062	84	134419	43.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.340%
26) 1,2-Dichloroethane-d4	5.958	65	99880	47.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.760%
32) Benzene-d6	5.977	84	300720	50.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.080%
36) 1,2-Dichloropropane-d6	7.312	67	93298	49.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.900%
41) Toluene-d8	8.653	98	277843	49.518	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.040%
43) trans-1,3-Dichloroprop...	8.952	79	34134	42.000	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.000%
47) 2-Hexanone-d5	9.385	63	95961	99.537	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.540%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	135148	49.066	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.140%
66) 1,2-Dichlorobenzene-d4	12.323	152	113269	52.555	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.120%
Target Compounds						
					Qvalue	
13) Acetone	2.386	43	1759	2.385	ug/L	99
25) Chloroform	5.099	83	12347	3.997	ug/L	99
42) Toluene	8.720	91	15944	2.258	ug/L	98
51) Chlorobenzene	10.080	112	3830	0.862	ug/L	96
52) Ethylbenzene	10.195	91	105753	13.811	ug/L	97
53) m,p-Xylene	10.305	106	160278	54.833	ug/L	96
54) o-Xylene	10.647	106	30490	10.531	ug/L	92
60) Isopropylbenzene	10.964	105	353259	45.082	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	121324	18.492	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	345292	52.534	ug/L #	81
67) 1,2-Dichlorobenzene	12.335	146	9201	2.662	ug/L #	91

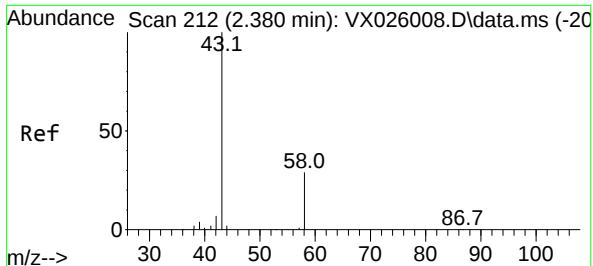
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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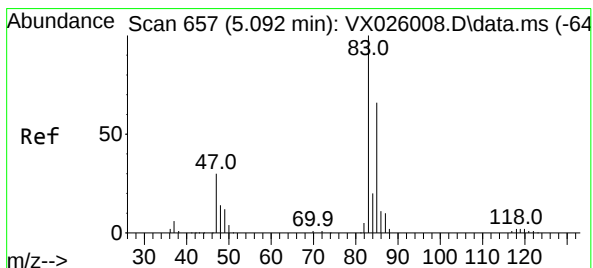
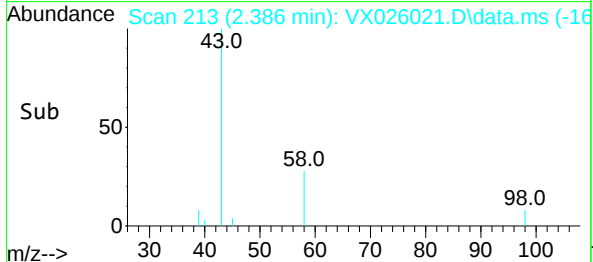
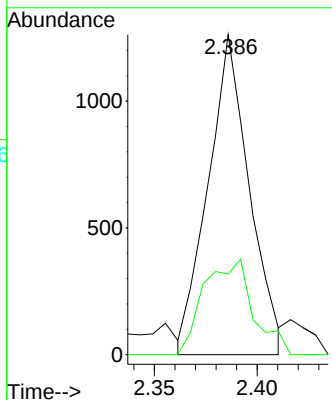
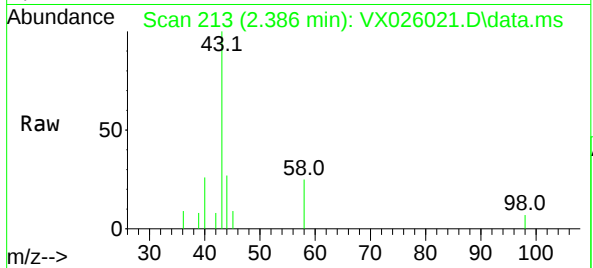




#13
Acetone
Concen: 2.385 ug/L
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026021.D
Acq: 24 Dec 2021 17:42

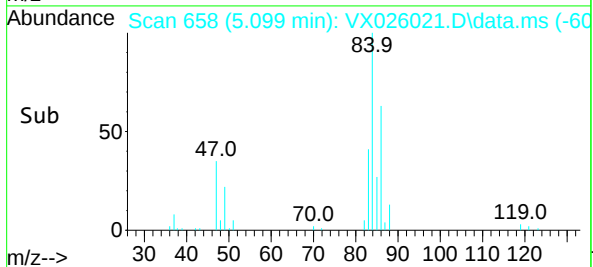
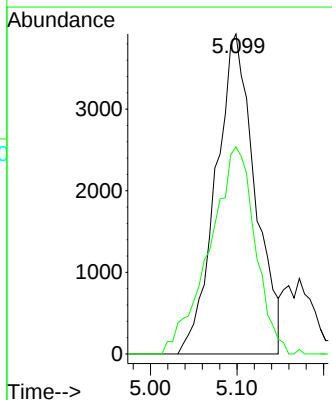
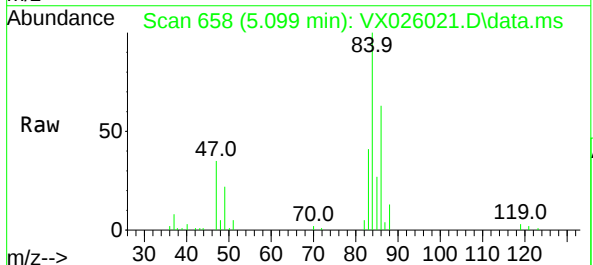
Instrument :
MSVOA_X
ClientSampleId :
BGLA6MEDL

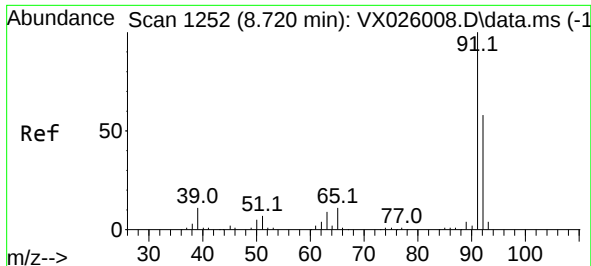
Tgt Ion: 43 Resp: 1759
Ion Ratio Lower Upper
43 100
58 33.6 0.0 65.6



#25
Chloroform
Concen: 3.997 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX026021.D
Acq: 24 Dec 2021 17:42

Tgt Ion: 83 Resp: 12347
Ion Ratio Lower Upper
83 100
85 64.7 44.9 83.5





#42

Toluene

Concen: 2.258 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026021.D

Acq: 24 Dec 2021 17:42

Instrument :

MSVOA_X

ClientSampleId :

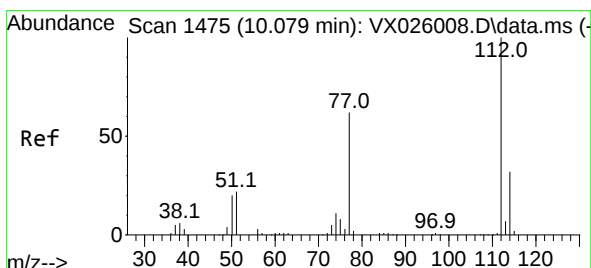
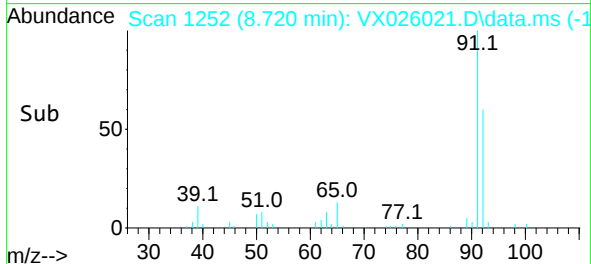
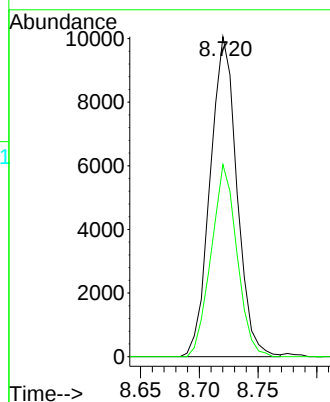
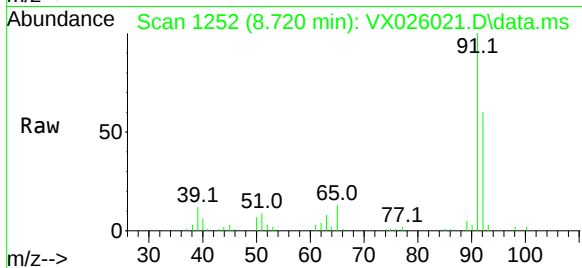
BGLA6MEDL

Tgt Ion: 91 Resp: 15944

Ion Ratio Lower Upper

91 100

92 60.1 41.2 76.6



#51

Chlorobenzene

Concen: 0.862 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX026021.D

Acq: 24 Dec 2021 17:42

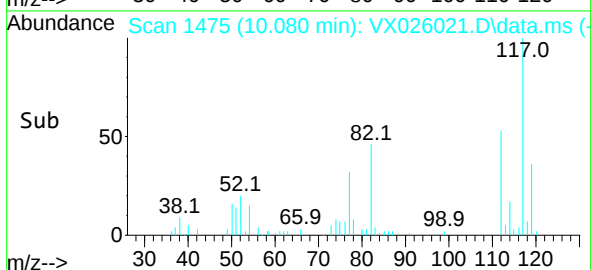
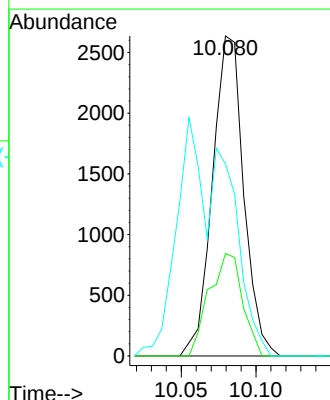
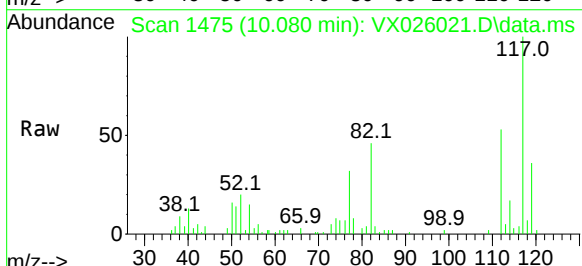
Tgt Ion: 112 Resp: 3830

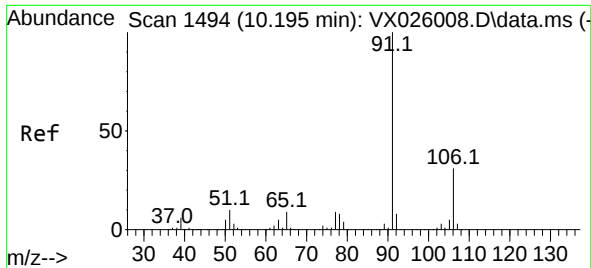
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.9

77 60.0 44.5 66.7

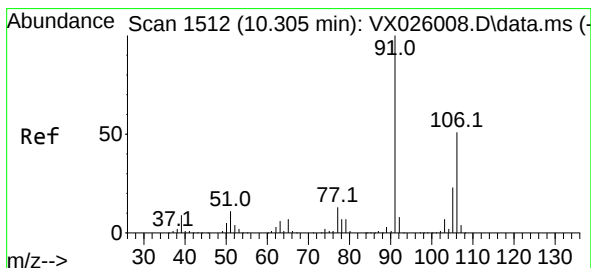
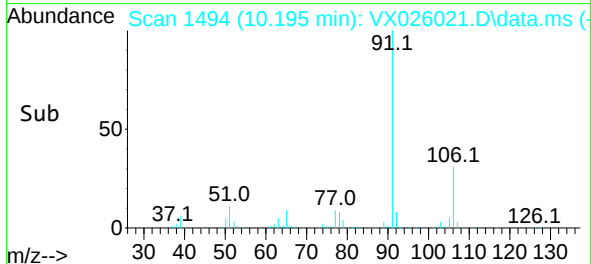
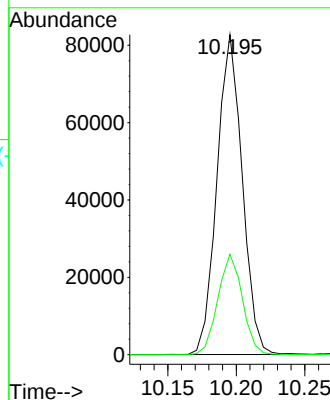
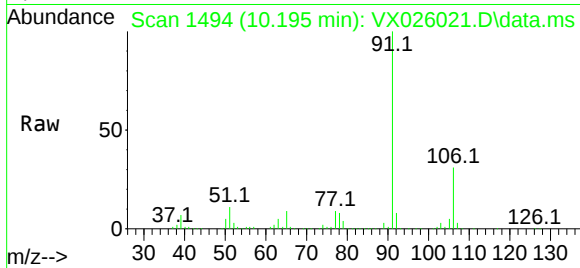




#52
Ethylbenzene
Concen: 13.811 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026021.D
Acq: 24 Dec 2021 17:42

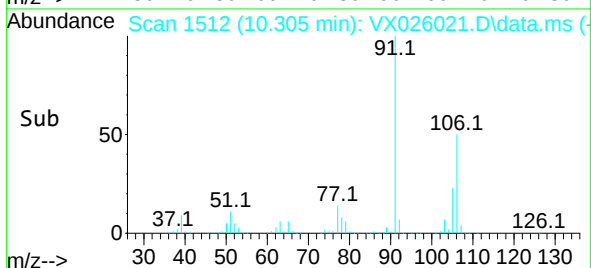
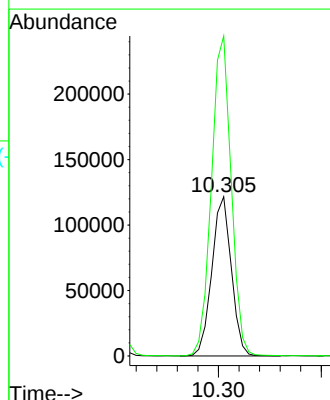
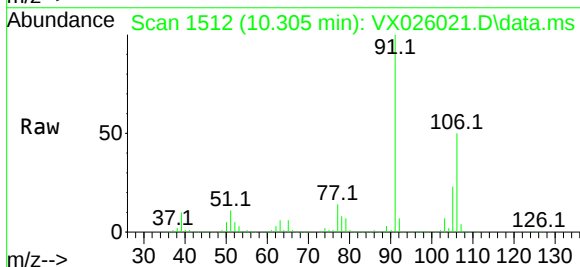
Instrument :
MSVOA_X
ClientSampleId :
BGLA6MEDL

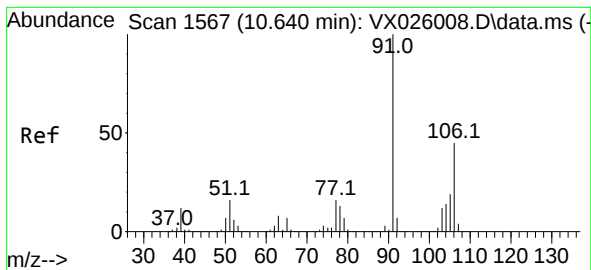
Tgt Ion: 91 Resp: 105753
Ion Ratio Lower Upper
91 100
106 31.4 23.1 42.9



#53
m,p-Xylene
Concen: 54.833 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026021.D
Acq: 24 Dec 2021 17:42

Tgt Ion: 106 Resp: 160278
Ion Ratio Lower Upper
106 100
91 200.9 136.8 254.2





#54

o-Xylene

Concen: 10.531 ug/L

RT: 10.647 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX026021.D

Acq: 24 Dec 2021 17:42

Instrument :

MSVOA_X

ClientSampleId :

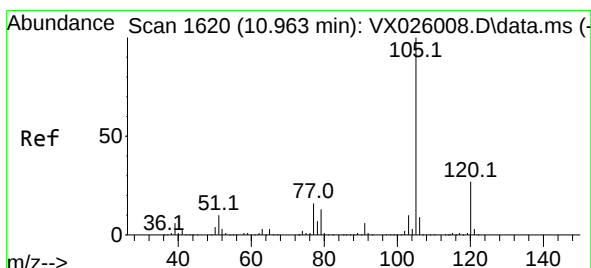
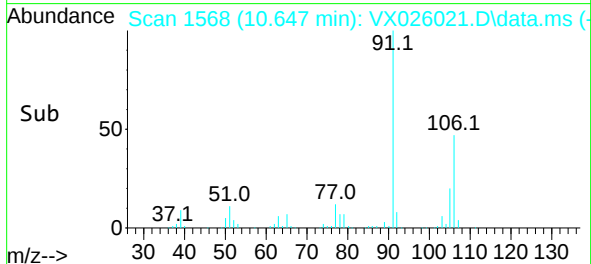
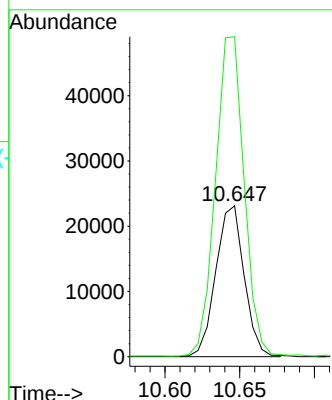
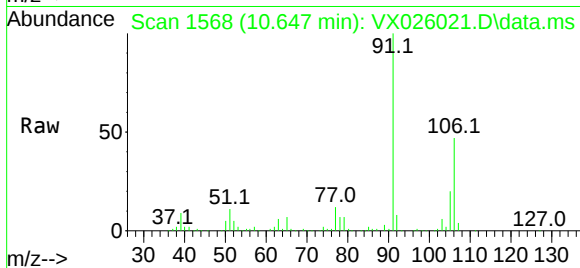
BGLA6MEDL

Tgt Ion:106 Resp: 30490

Ion Ratio Lower Upper

106 100

91 212.1 140.5 260.9



#60

Isopropylbenzene

Concen: 45.082 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX026021.D

Acq: 24 Dec 2021 17:42

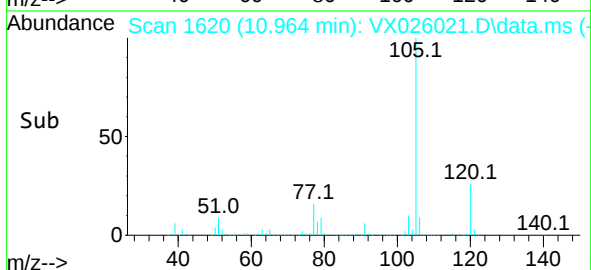
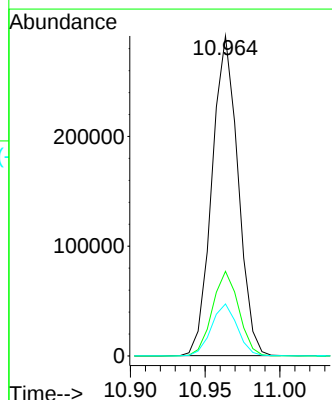
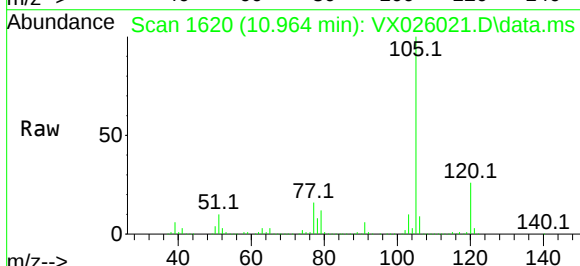
Tgt Ion:105 Resp: 353259

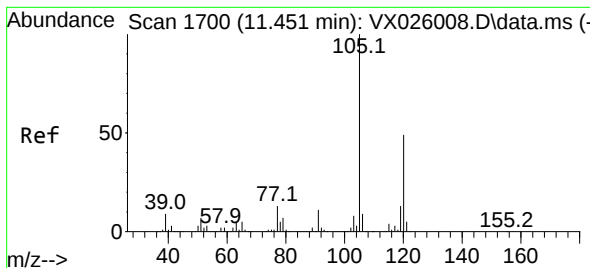
Ion Ratio Lower Upper

105 100

120 26.7 22.3 33.5

77 16.1 11.5 17.3





#62

1,3,5-Trimethylbenzene

Concen: 18.492 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX026021.D

Acq: 24 Dec 2021 17:42

Instrument :

MSVOA_X

ClientSampleId :

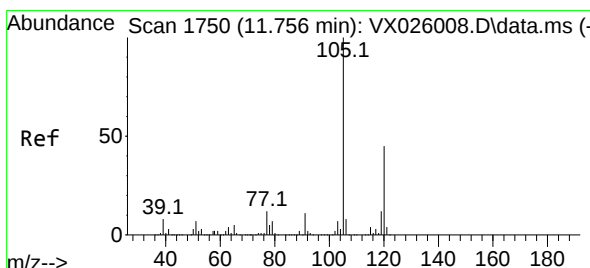
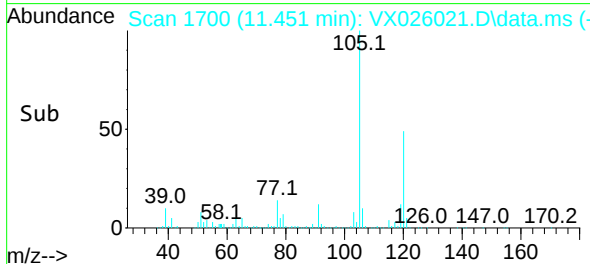
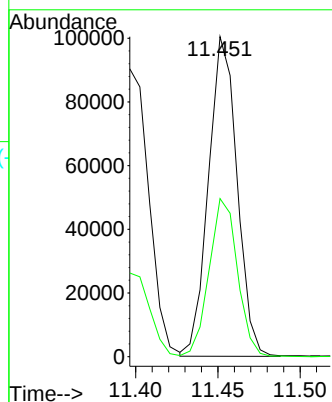
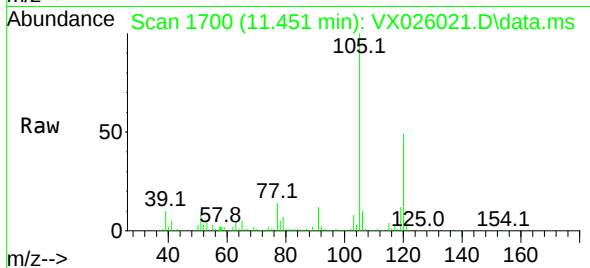
BGLA6MEDL

Tgt Ion:105 Resp: 121324

Ion Ratio Lower Upper

105 100

120 49.1 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 52.534 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX026021.D

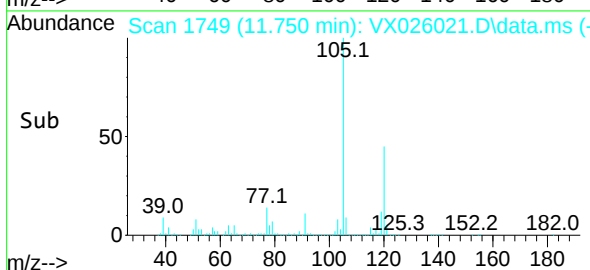
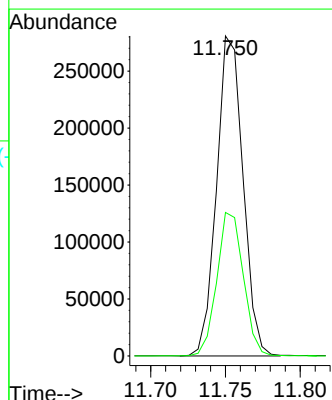
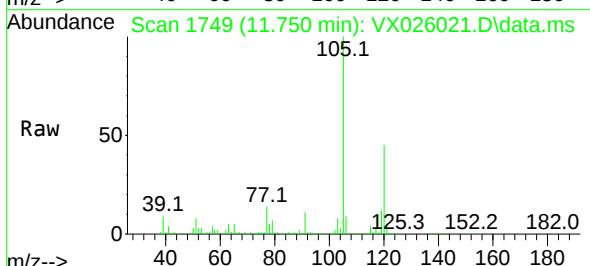
Acq: 24 Dec 2021 17:42

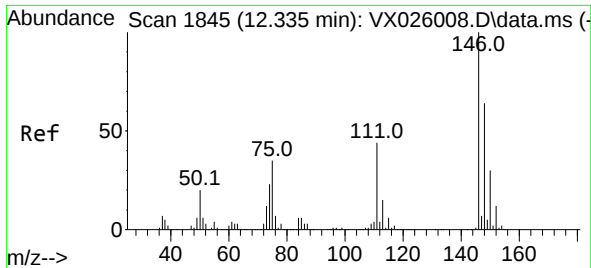
Tgt Ion:105 Resp: 345292

Ion Ratio Lower Upper

105 100

120 44.9 0.1 0.1#





#67

1,2-Dichlorobenzene

Concen: 2.662 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026021.D

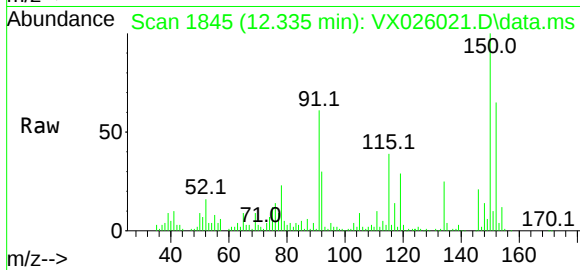
Acq: 24 Dec 2021 17:42

Instrument :

MSVOA_X

ClientSampleId :

BGLA6MEDL



Tgt Ion:	146	Resp:	9201
Ion	Ratio	Lower	Upper
146	100		
111	49.1	32.3	48.5#
148	67.6	50.3	75.5

