

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
 Data File : VX026043.D
 Acq On : 25 Dec 2021 18:51
 Operator : JC/MD
 Sample : M5213-05 10X
 Misc : 6.57G/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGLD7

Quant Time: Dec 27 05:16:51 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)

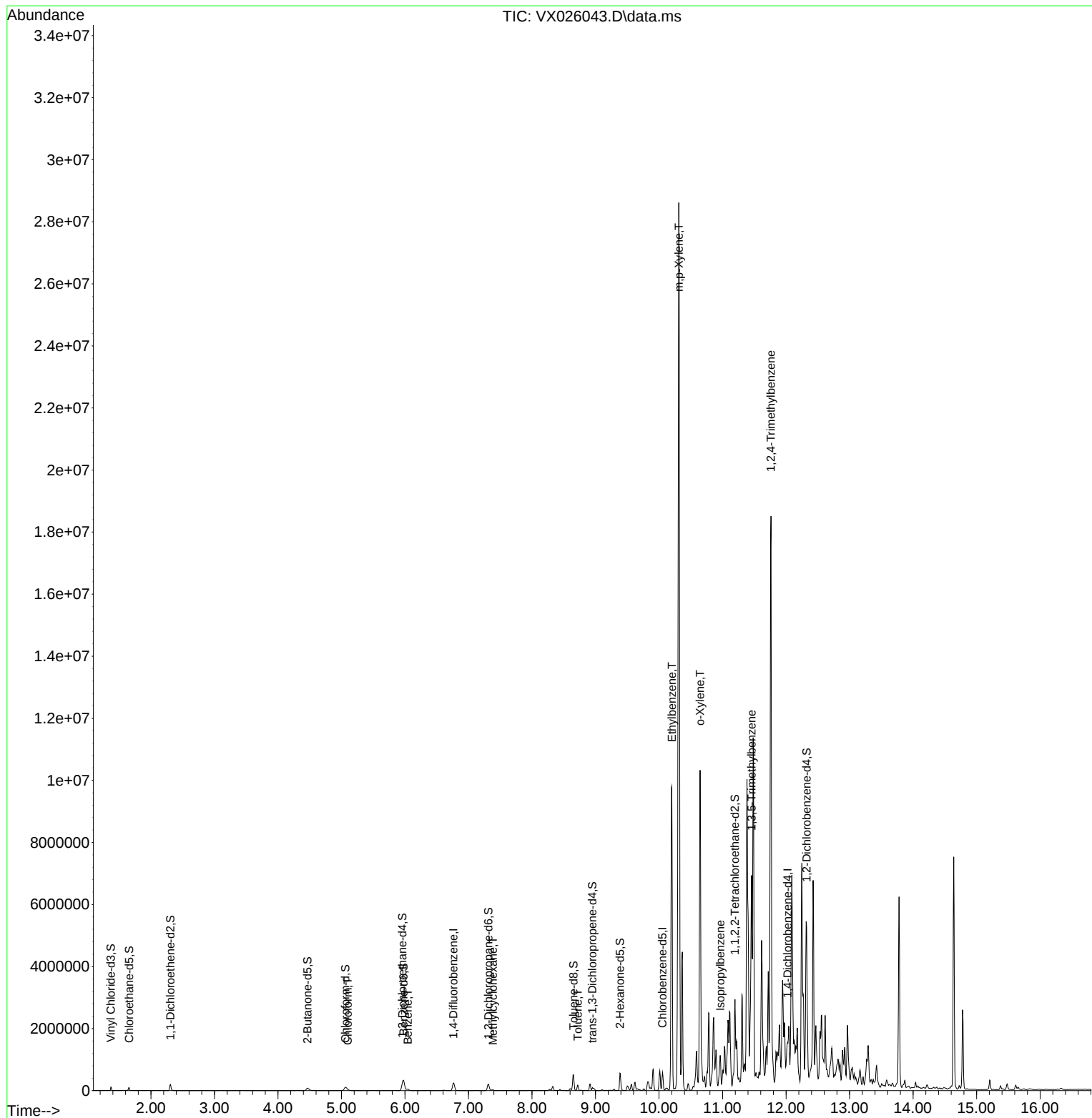
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	255268	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	239497	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	147158	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73109	40.387	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.780%		
7) Chloroethane-d5	1.654	69	63282	43.744	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.480%		
11) 1,1-Dichloroethene-d2	2.307	63	114166	31.826	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.660%		
21) 2-Butanone-d5	4.465	46	133360	84.974	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.970%		
24) Chloroform-d	5.062	84	131647	36.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.680%		
26) 1,2-Dichloroethane-d4	5.958	65	109406	44.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.220%		
32) Benzene-d6	5.977	84	322793	46.825	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.660%		
36) 1,2-Dichloropropane-d6	7.312	67	104374	48.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.420%		
41) Toluene-d8	8.653	98	296036	45.994	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.980%		
43) trans-1,3-Dichloroprop...	8.952	79	38150	40.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.840%		
47) 2-Hexanone-d5	9.384	63	120825	109.254	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.250%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	226083	71.553	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	143.100%#		
66) 1,2-Dichlorobenzene-d4	12.323	152	148058	53.243	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.480%		
Target Compounds						Qvalue
25) Chloroform	5.099	83	27203	7.568	ug/L	98
33) Benzene	6.044	78	56924	7.485	ug/L	100
35) Methylcyclohexane	7.385	83	12687	4.120	ug/L	89
42) Toluene	8.720	91	113898	14.063	ug/L	99
52) Ethylbenzene	10.201	91	5508452	627.112	ug/L	98
53) m,p-Xylene	10.311	106	7285220	2172.713	ug/L	71
54) o-Xylene	10.646	106	2101178	632.640	ug/L	95
60) Isopropylbenzene	10.964	105	422317	41.770	ug/L	96
62) 1,3,5-Trimethylbenzene	11.457	105	2536325	299.614	ug/L	96
63) 1,2,4-Trimethylbenzene	11.762	105	7058655	832.338	ug/L #	79

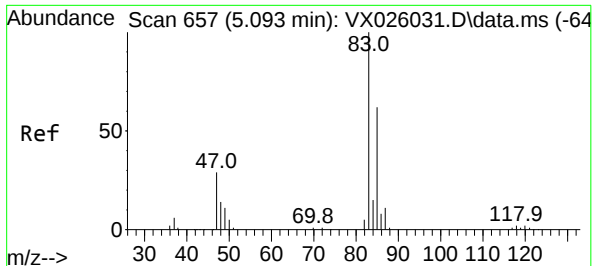
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
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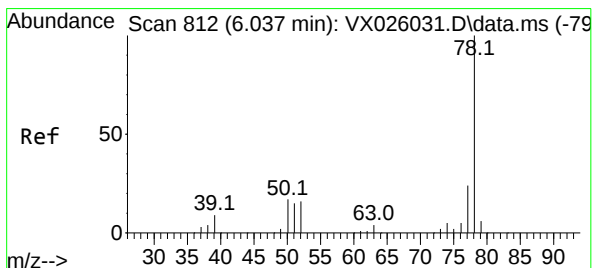
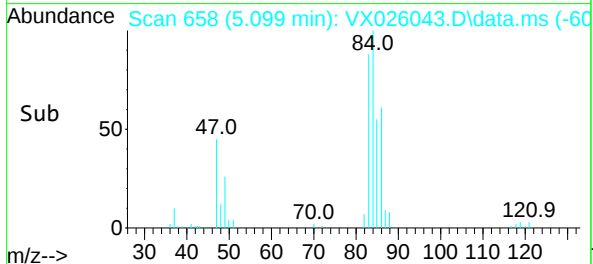
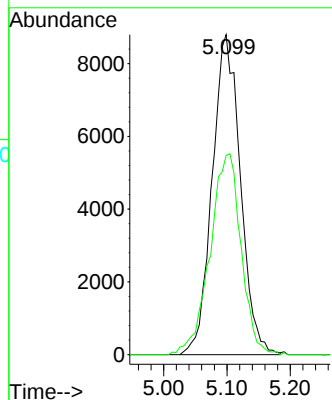
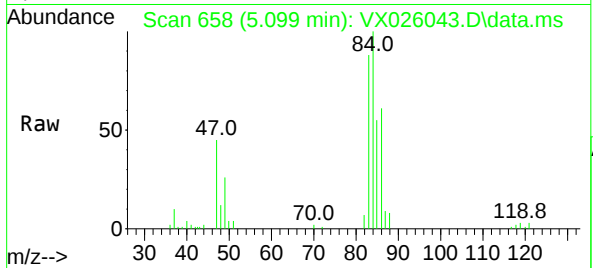




#25
Chloroform
Concen: 7.568 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX026043.D
Acq: 25 Dec 2021 18:51

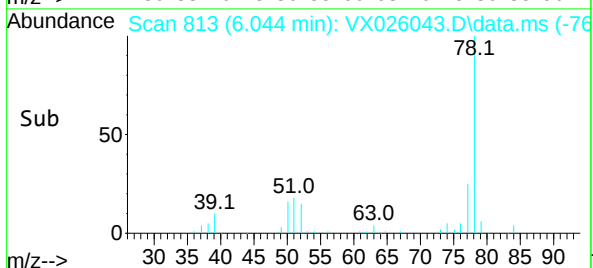
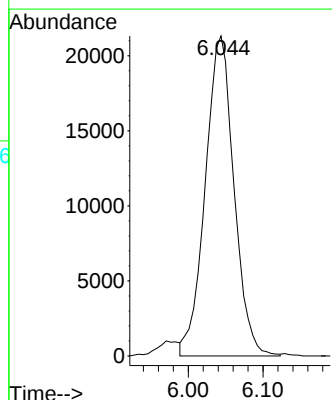
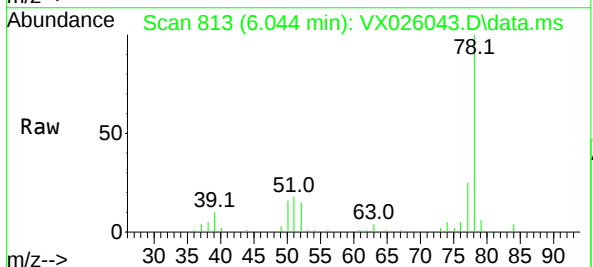
Instrument :
MSVOA_X
ClientSampleId :
BGLD7

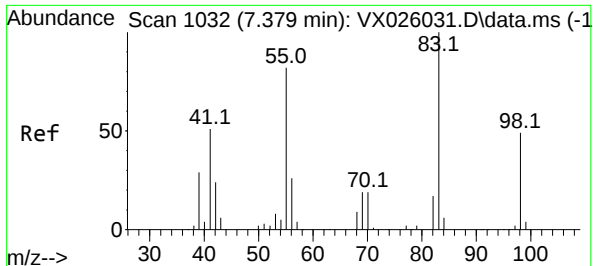
Tgt Ion: 83 Resp: 27203
Ion Ratio Lower Upper
83 100
85 62.3 44.9 83.5



#33
Benzene
Concen: 7.485 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026043.D
Acq: 25 Dec 2021 18:51

Tgt Ion: 78 Resp: 56924





#35

Methylcyclohexane

Concen: 4.120 ug/L

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX026043.D

Acq: 25 Dec 2021 18:51

Instrument :

MSVOA_X

ClientSampleId :

BGLD7

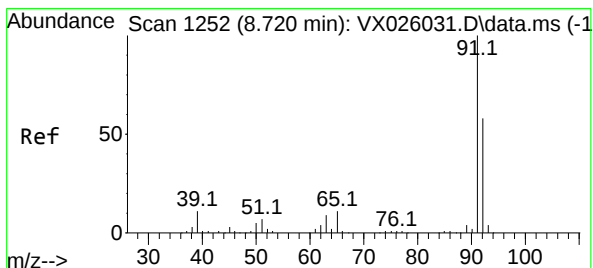
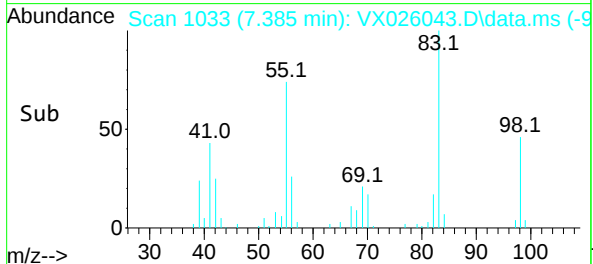
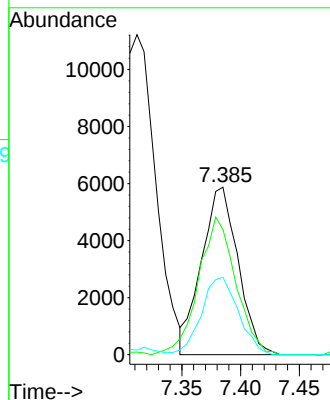
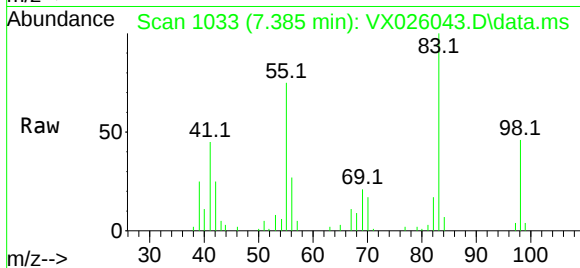
Tgt Ion: 83 Resp: 12687

Ion Ratio Lower Upper

83 100

55 83.9 57.3 85.9

98 46.9 41.1 61.7



#42

Toluene

Concen: 14.063 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX026043.D

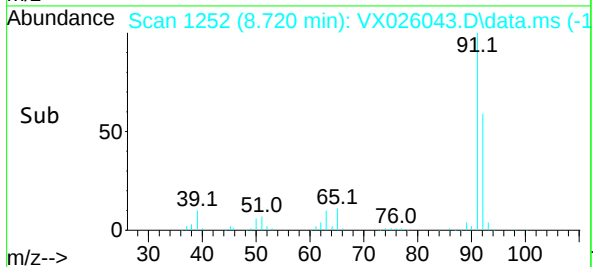
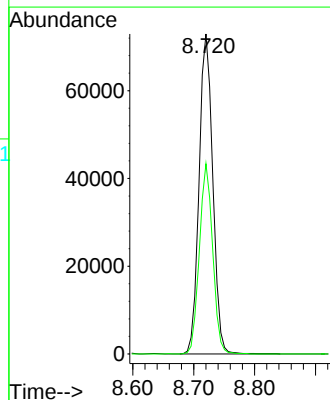
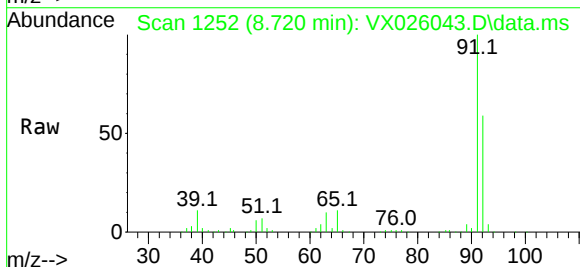
Acq: 25 Dec 2021 18:51

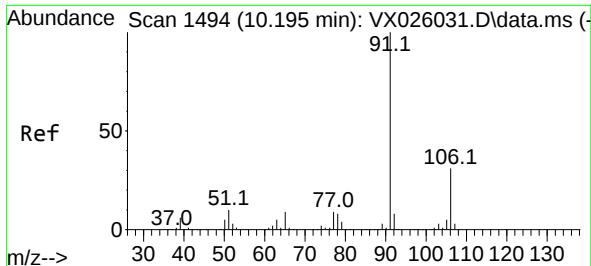
Tgt Ion: 91 Resp: 113898

Ion Ratio Lower Upper

91 100

92 59.5 41.2 76.6

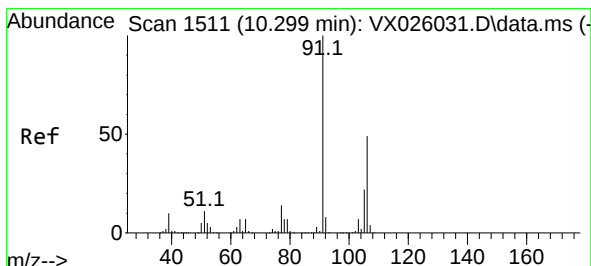
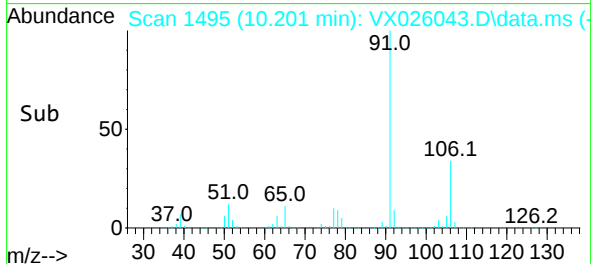
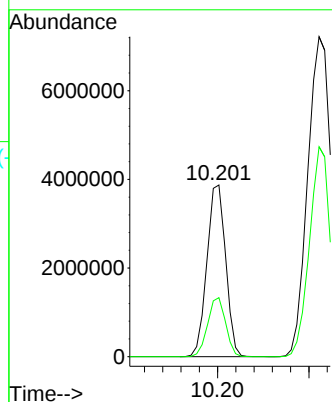
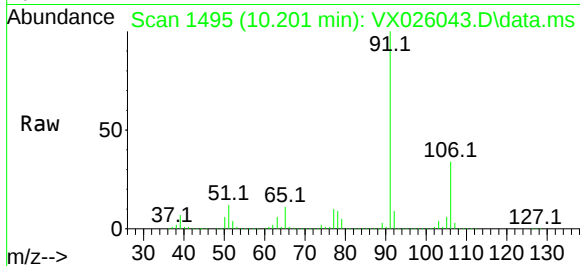




#52
Ethylbenzene
Concen: 627.112 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX026043.D
Acq: 25 Dec 2021 18:51

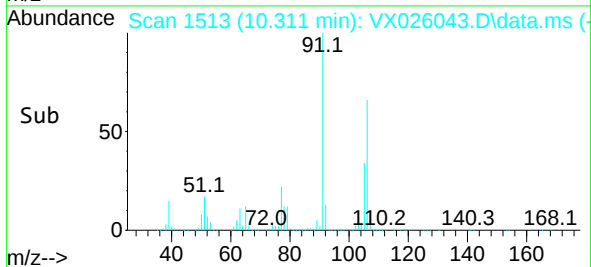
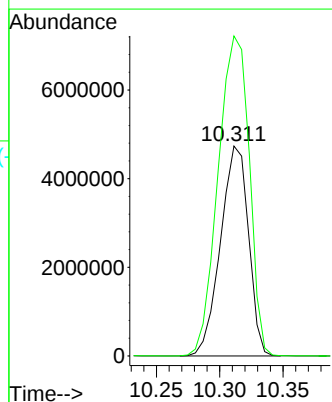
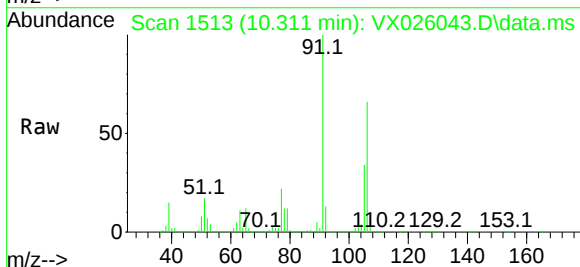
Instrument :
MSVOA_X
ClientSampleId :
BGLD7

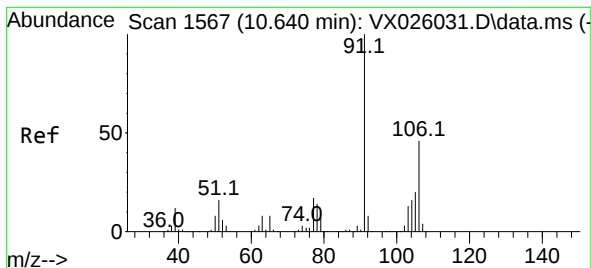
Tgt Ion: 91 Resp: 5508452
Ion Ratio Lower Upper
91 100
106 34.4 23.1 42.9



#53
m,p-Xylene
Concen: 2172.713 ug/L
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX026043.D
Acq: 25 Dec 2021 18:51

Tgt Ion: 106 Resp: 7285220
Ion Ratio Lower Upper
106 100
91 152.5 136.8 254.2





#54

o-Xylene

Concen: 632.640 ug/L

RT: 10.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX026043.D

Acq: 25 Dec 2021 18:51

Instrument :

MSVOA_X

ClientSampleId :

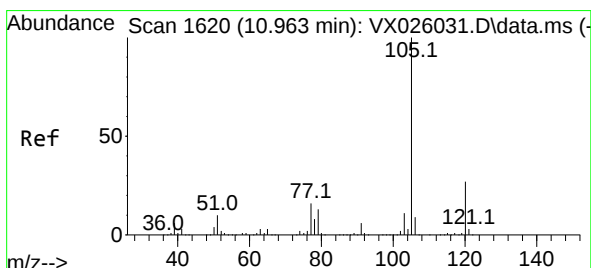
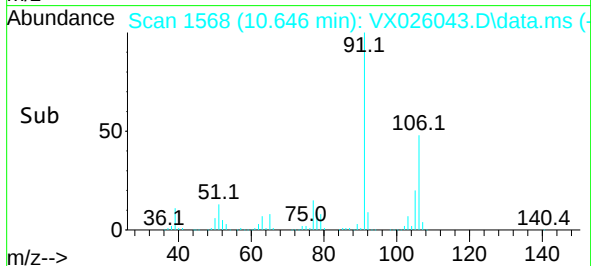
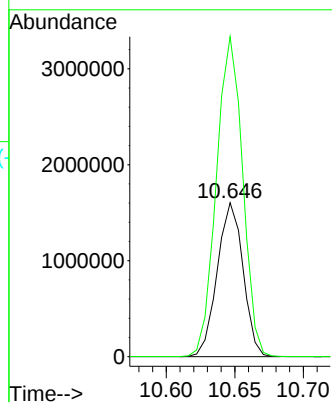
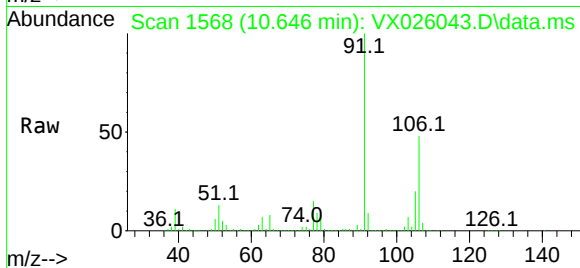
BGLD7

Tgt Ion:106 Resp: 2101178

Ion Ratio Lower Upper

106 100

91 207.8 140.5 260.9



#60

Isopropylbenzene

Concen: 41.770 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX026043.D

Acq: 25 Dec 2021 18:51

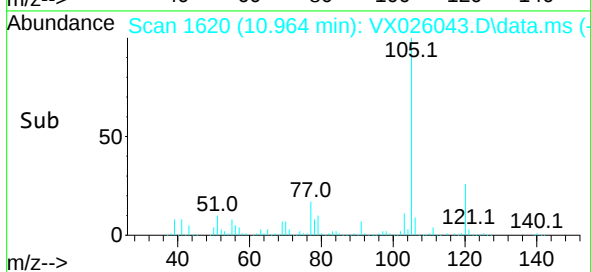
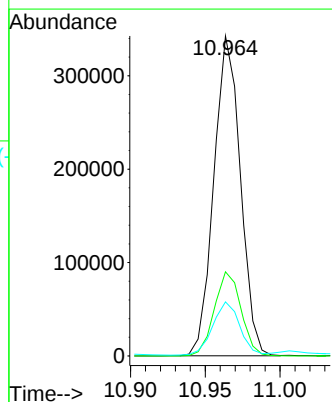
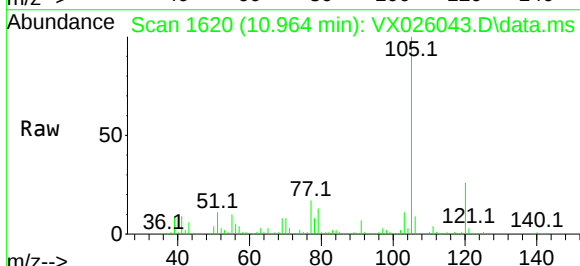
Tgt Ion:105 Resp: 422317

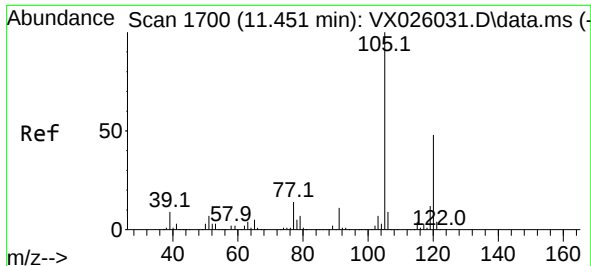
Ion Ratio Lower Upper

105 100

120 26.4 22.3 33.5

77 16.9 11.5 17.3





#62

1,3,5-Trimethylbenzene

Concen: 299.614 ug/L

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX026043.D

Acq: 25 Dec 2021 18:51

Instrument :

MSVOA_X

ClientSampleId :

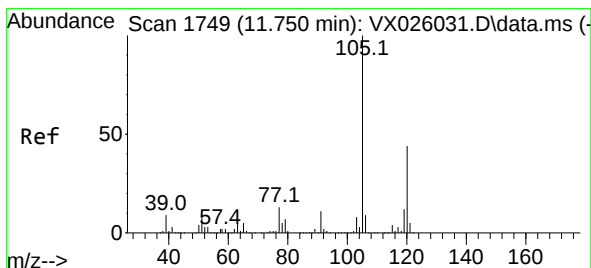
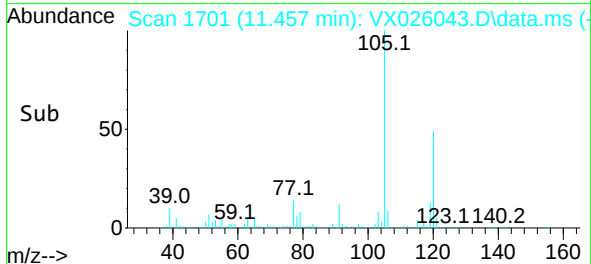
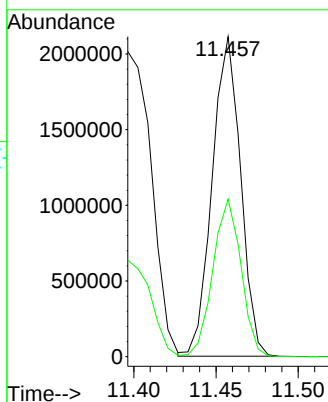
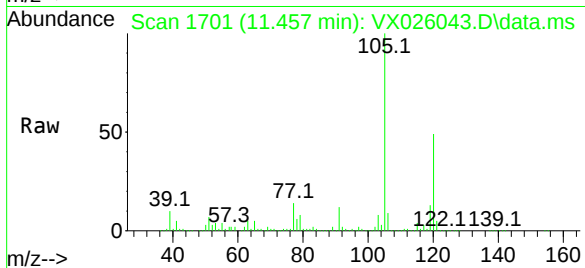
BGLD7

Tgt Ion:105 Resp: 2536325

Ion Ratio Lower Upper

105 100

120 48.7 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 832.338 ug/L

RT: 11.762 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VX026043.D

Acq: 25 Dec 2021 18:51

Tgt Ion:105 Resp: 7058655

Ion Ratio Lower Upper

105 100

120 50.3 0.1 0.1#

