

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026123.D
 Acq On : 29 Dec 2021 01:24
 Operator : JC/MD
 Sample : M5233-05 10X
 Misc : 8.48g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC3

Quant Time: Dec 29 04:37:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:20:17 2021
 Response via : Initial Calibration

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

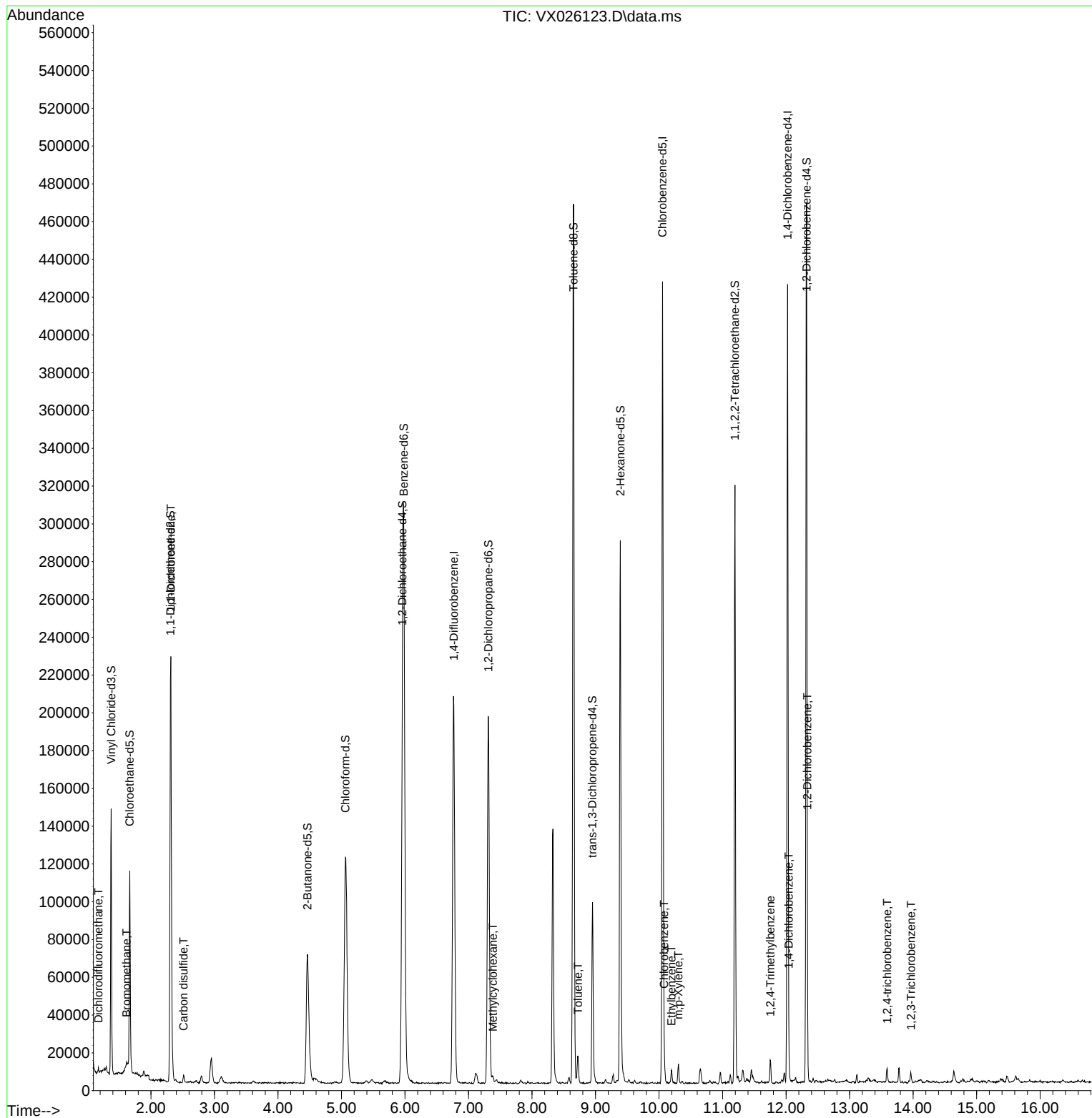
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	201686	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	178162	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	79512	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	85608	54.688	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.380%			
7) Chloroethane-d5	1.666	69	59318	52.126	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.260%			
11) 1,1-Dichloroethene-d2	2.306	63	124270	43.491	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.980%			
21) 2-Butanone-d5	4.465	46	123934	114.576	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.580%			
24) Chloroform-d	5.062	84	145434	54.706	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.420%			
26) 1,2-Dichloroethane-d4	5.958	65	98630	57.234	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.460%			
32) Benzene-d6	5.983	84	293315	57.104	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.200%			
36) 1,2-Dichloropropane-d6	7.312	67	91844	57.800	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.600%			
41) Toluene-d8	8.653	98	263613	56.273	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.540%			
43) trans-1,3-Dichloroprop...	8.952	79	41519	53.527	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.060%			
47) 2-Hexanone-d5	9.391	63	82930	111.904	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.900%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	115773	54.744	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.480%			
66) 1,2-Dichlorobenzene-d4	12.323	152	88595	58.412	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	1155	0.594	ug/L	99
6) Bromomethane	1.618	94	1023	1.034	ug/L	88
12) 1,1-Dichloroethene	2.313	96	1659	1.349	ug/L #	1
14) Carbon disulfide	2.514	76	4388	1.137	ug/L	100
35) Methylcyclohexane	7.385	83	1149	0.538	ug/L #	76
42) Toluene	8.726	91	8972	1.601	ug/L	92
51) Chlorobenzene	10.079	112	4921	1.425	ug/L	97
52) Ethylbenzene	10.195	91	4075	0.692	ug/L	88
53) m,p-Xylene	10.305	106	2105	0.936	ug/L	83
63) 1,2,4-Trimethylbenzene	11.756	105	4357	0.973	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	3361	1.408	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	3006	1.296	ug/L #	84
70) 1,2,4-trichlorobenzene	13.591	180	1630	1.144	ug/L #	86
72) 1,2,3-Trichlorobenzene	13.969	180	1323	0.915	ug/L	95

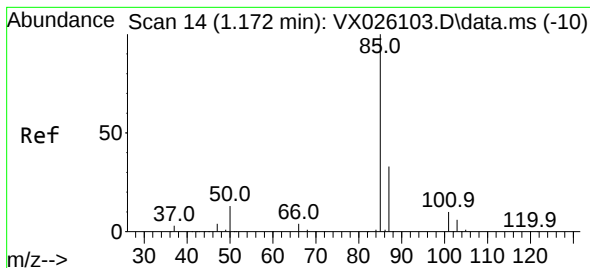
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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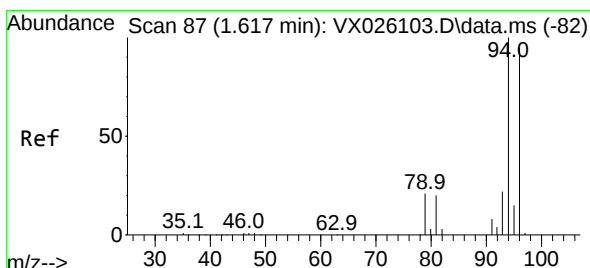
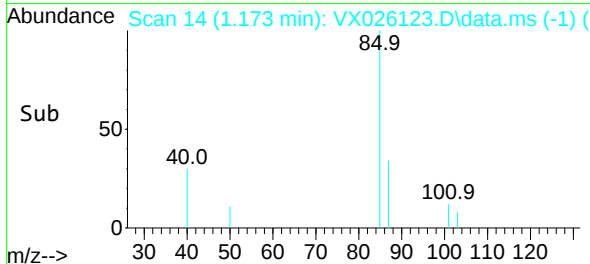
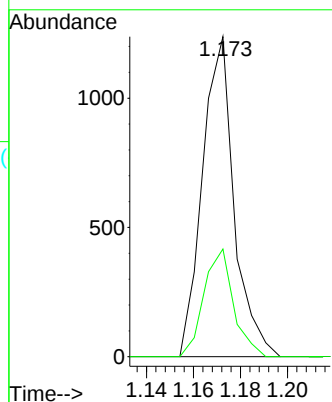
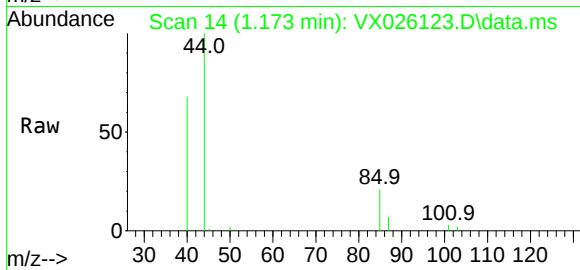




#2
Dichlorodifluoromethane
Concen: 0.594 ug/L
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX026123.D
Acq: 29 Dec 2021 01:24

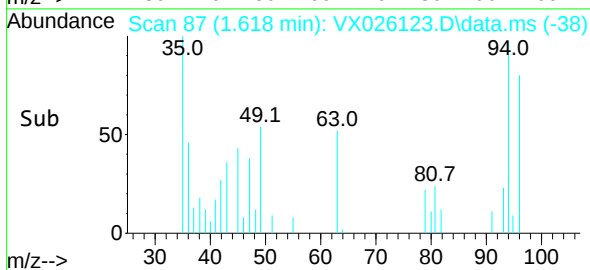
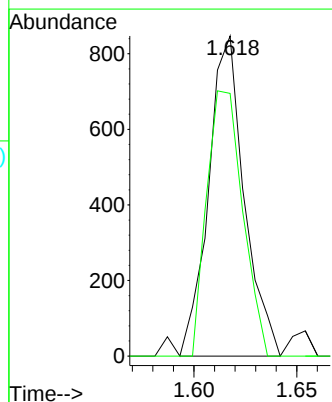
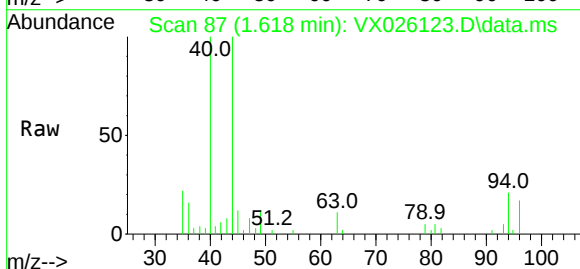
Instrument :
MSVOA_X
ClientSampleId :
GBCC3

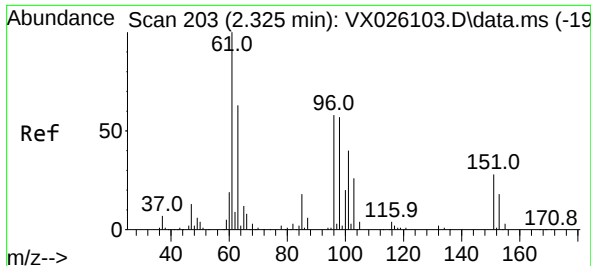
Tgt Ion: 85 Resp: 1155
Ion Ratio Lower Upper
85 100
87 31.5 25.7 38.5



#6
Bromomethane
Concen: 1.034 ug/L
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX026123.D
Acq: 29 Dec 2021 01:24

Tgt Ion: 94 Resp: 1023
Ion Ratio Lower Upper
94 100
96 82.1 65.8 122.2





#12

1,1-Dichloroethene

Concen: 1.349 ug/L

RT: 2.313 min Scan# 203

Delta R.T. -0.012 min

Lab File: VX026123.D

Acq: 29 Dec 2021 01:24

Instrument :

MSVOA_X

ClientSampleId :

GBCC3

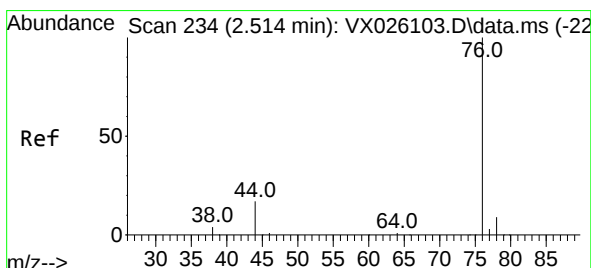
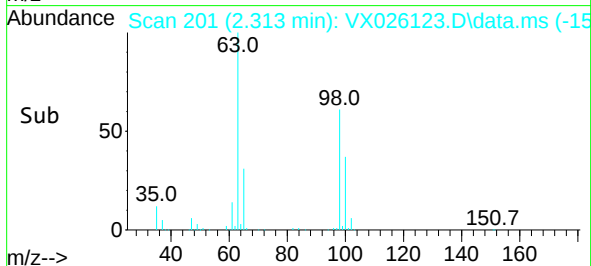
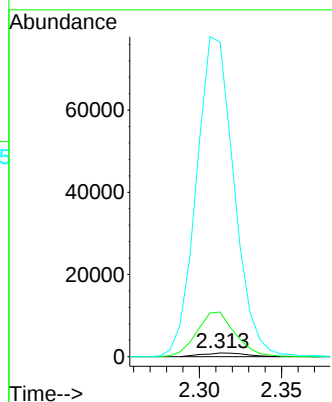
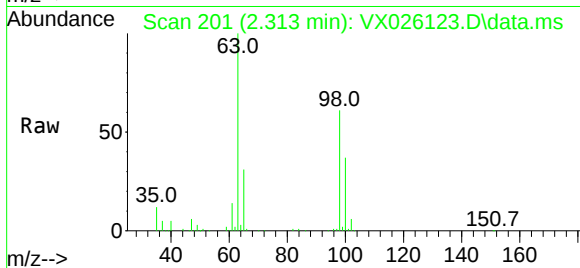
Tgt Ion: 96 Resp: 1659

Ion Ratio Lower Upper

96 100

61 1195.0 121.6 225.8#

63 8432.6 86.7 161.1#



#14

Carbon disulfide

Concen: 1.137 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX026123.D

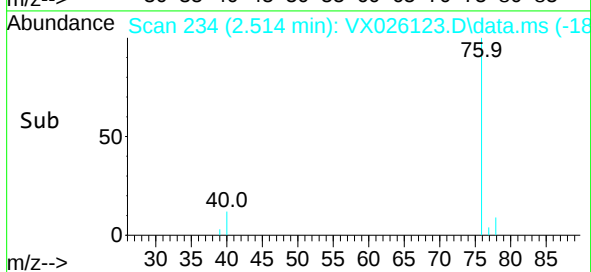
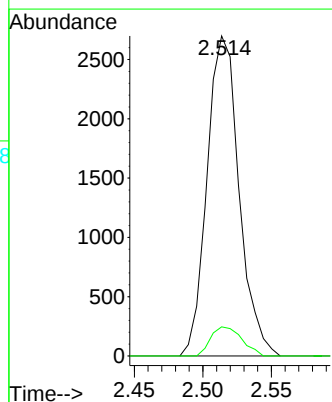
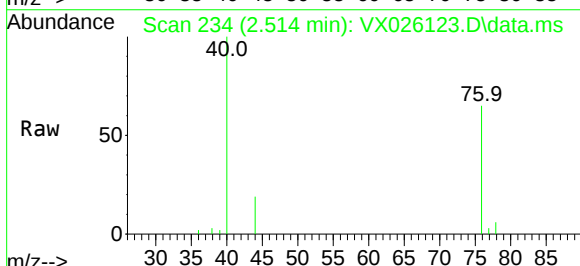
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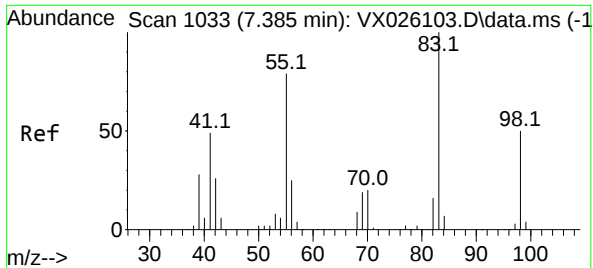
Tgt Ion: 76 Resp: 4388

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

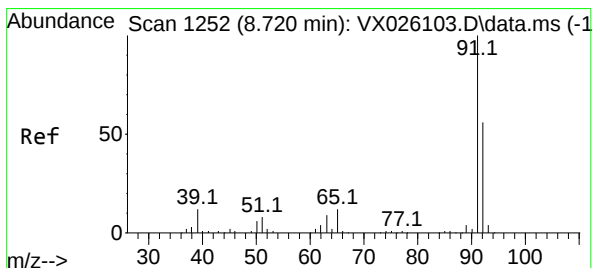
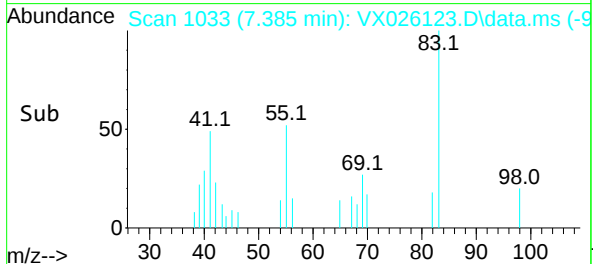
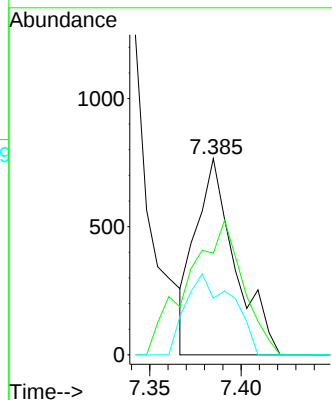
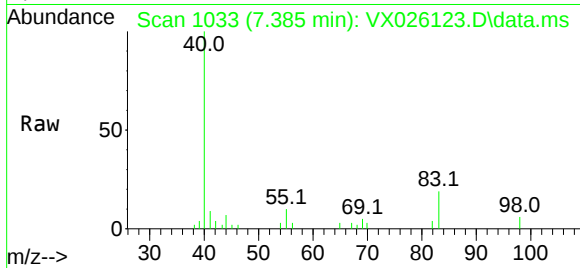




#35
Methylcyclohexane
Concen: 0.538 ug/L
RT: 7.385 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VX026123.D
Acq: 29 Dec 2021 01:24

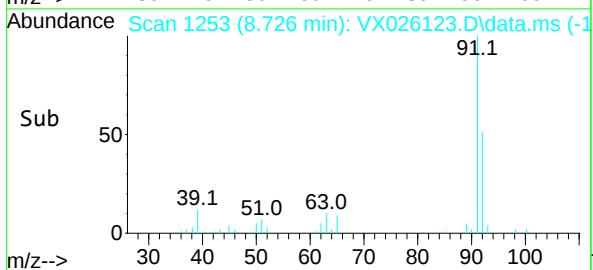
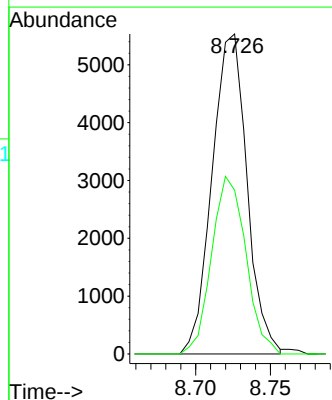
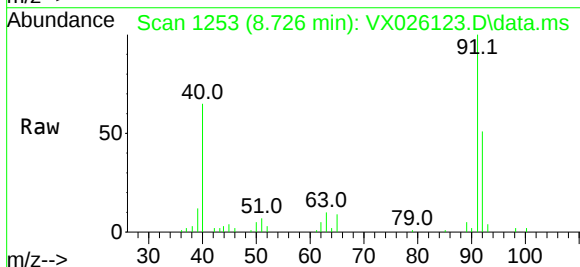
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ClientSampleId :
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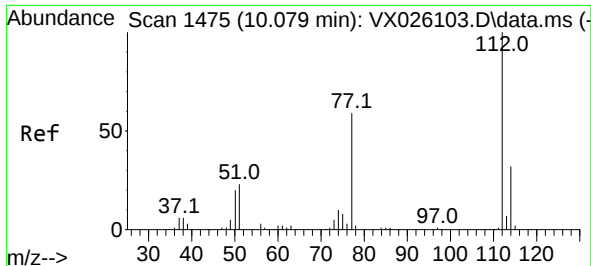
Tgt Ion: 83 Resp: 1149
Ion Ratio Lower Upper
83 100
55 95.6 62.9 94.3#
98 29.7 40.6 61.0#



#42
Toluene
Concen: 1.601 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX026123.D
Acq: 29 Dec 2021 01:24

Tgt Ion: 91 Resp: 8972
Ion Ratio Lower Upper
91 100
92 51.2 40.1 74.5

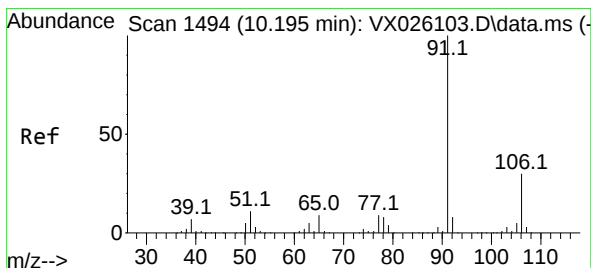
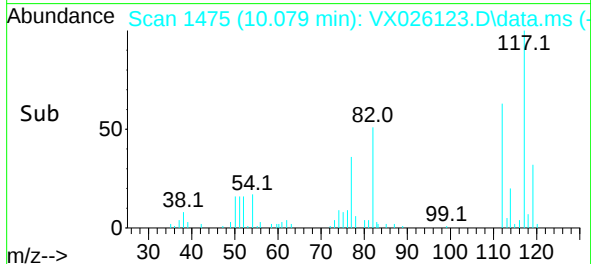
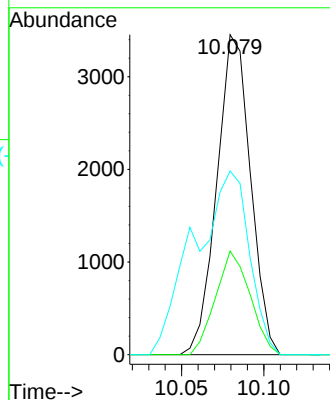
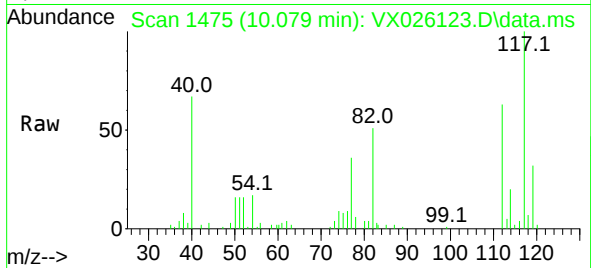




#51
Chlorobenzene
Concen: 1.425 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026123.D
Acq: 29 Dec 2021 01:24

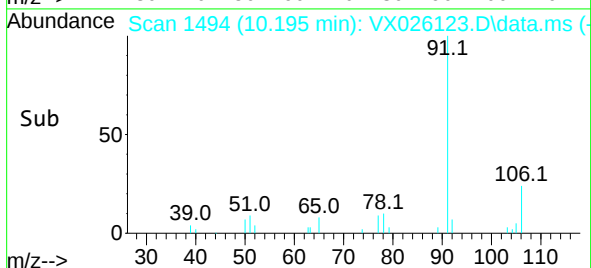
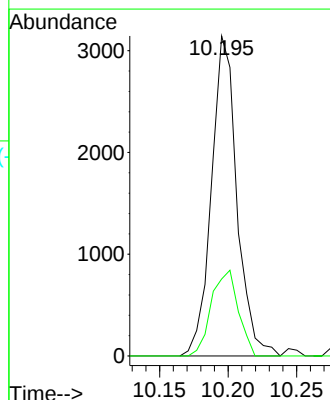
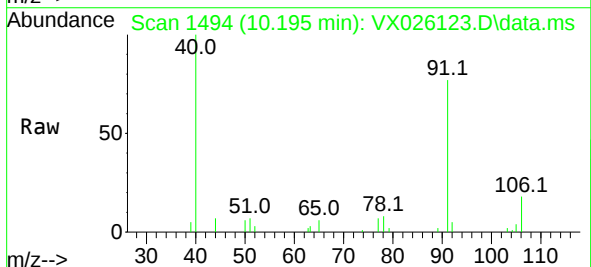
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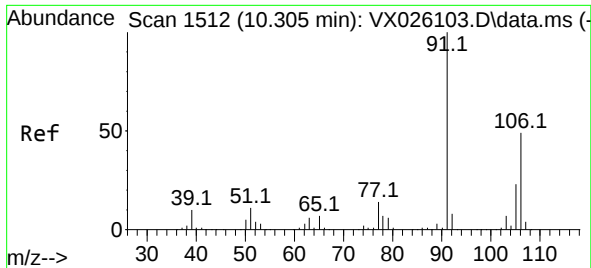
Tgt Ion:112 Resp: 4921
Ion Ratio Lower Upper
112 100
114 32.4 22.2 41.2
77 57.4 47.8 71.8



#52
Ethylbenzene
Concen: 0.692 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026123.D
Acq: 29 Dec 2021 01:24

Tgt Ion: 91 Resp: 4075
Ion Ratio Lower Upper
91 100
106 24.0 21.5 39.9

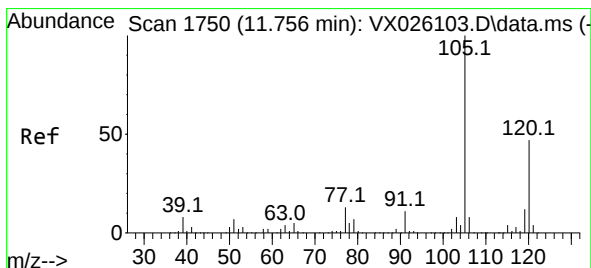
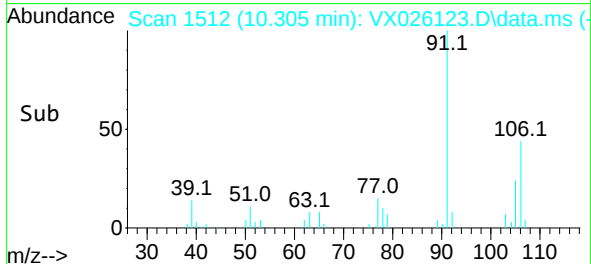
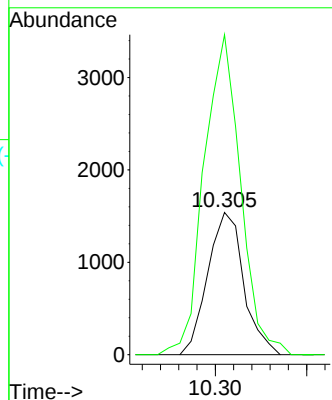
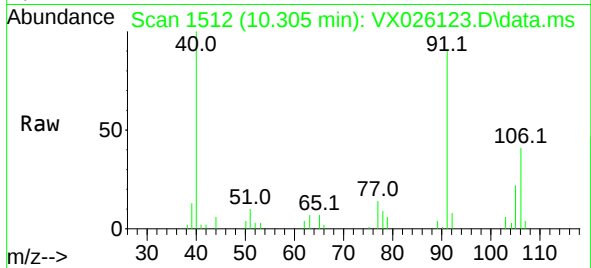




#53
m,p-Xylene
Concen: 0.936 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026123.D
Acq: 29 Dec 2021 01:24

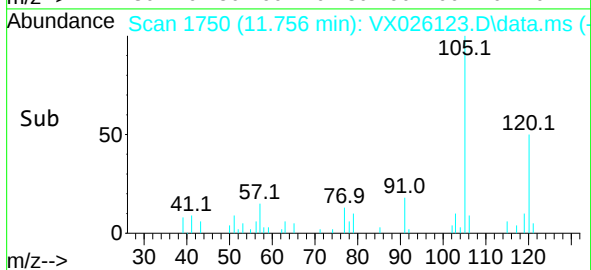
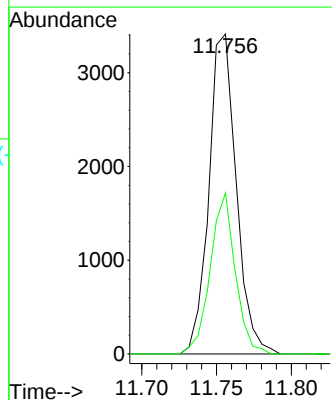
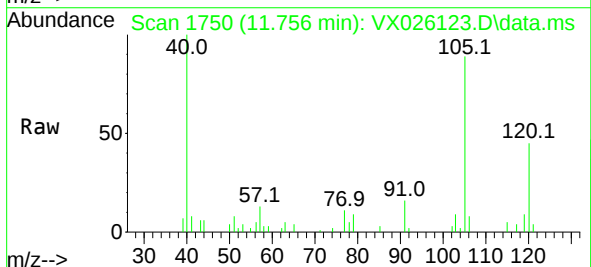
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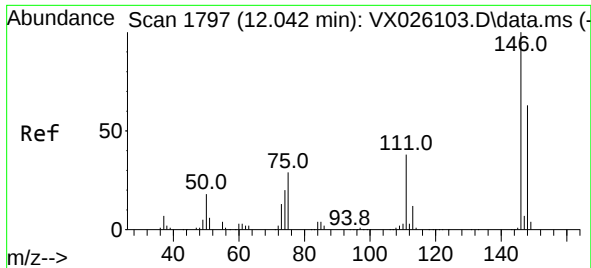
Tgt Ion:106 Resp: 2105
Ion Ratio Lower Upper
106 100
91 224.9 139.7 259.5



#63
1,2,4-Trimethylbenzene
Concen: 0.973 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX026123.D
Acq: 29 Dec 2021 01:24

Tgt Ion:105 Resp: 4357
Ion Ratio Lower Upper
105 100
120 45.9 36.5 54.7

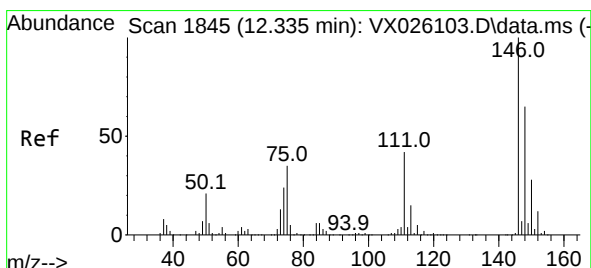
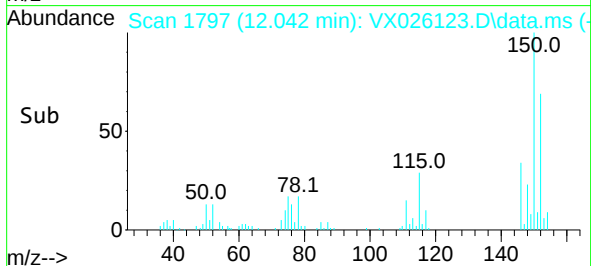
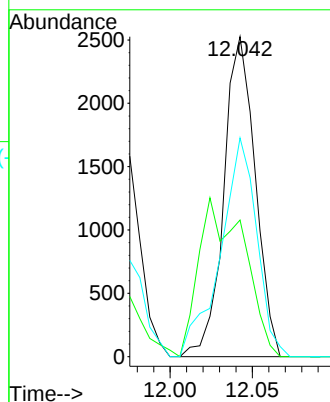
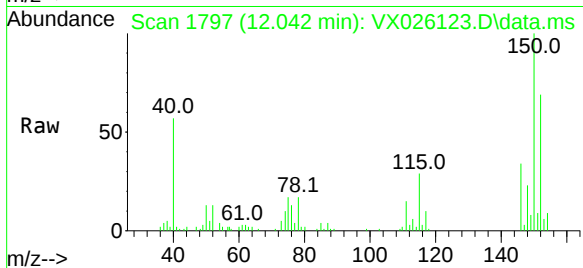




#65
1,4-Dichlorobenzene
Concen: 1.408 ug/L
RT: 12.042 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026123.D
Acq: 29 Dec 2021 01:24

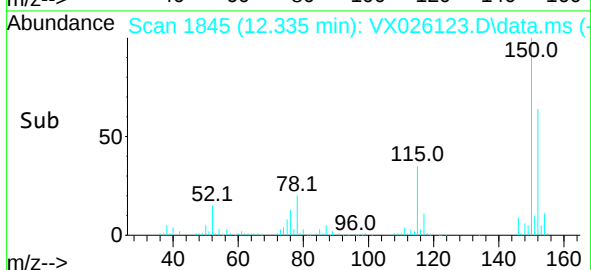
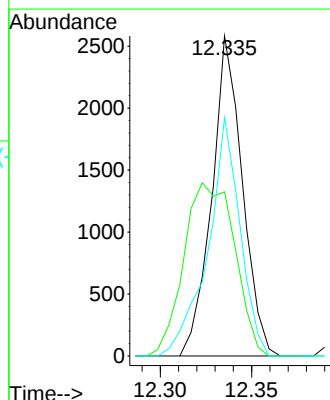
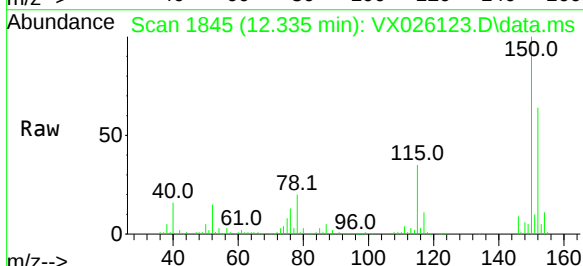
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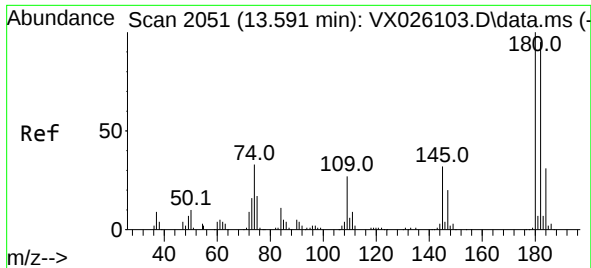
Tgt Ion:146 Resp: 3361
Ion Ratio Lower Upper
146 100
111 42.7 27.4 51.0
148 68.3 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 1.296 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026123.D
Acq: 29 Dec 2021 01:24

Tgt Ion:146 Resp: 3006
Ion Ratio Lower Upper
146 100
111 51.3 33.1 49.7#
148 74.5 49.6 74.4#

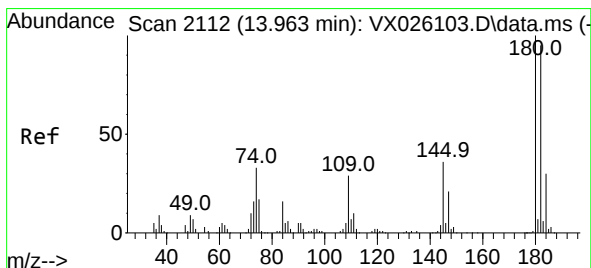
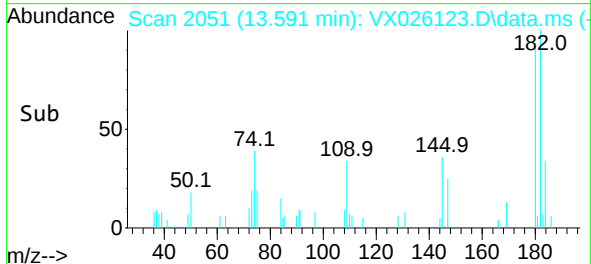
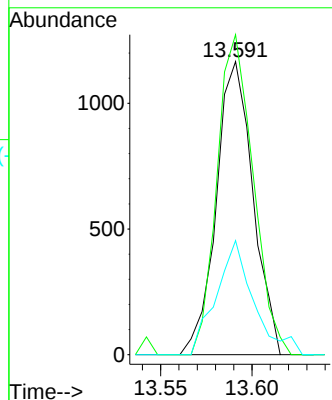
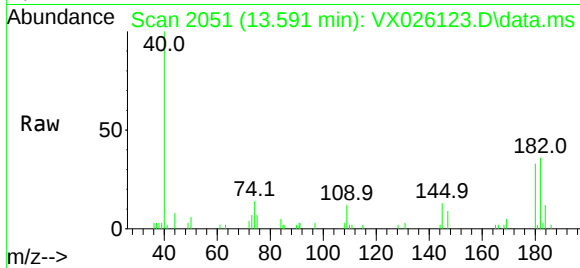




#70
1,2,4-trichlorobenzene
Concen: 1.144 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX026123.D
Acq: 29 Dec 2021 01:24

Instrument :
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ClientSampleId :
GBCC3

Tgt Ion:180 Resp: 1630
Ion Ratio Lower Upper
180 100
182 107.4 74.8 112.2
145 38.2 24.9 37.3#



#72
1,2,3-Trichlorobenzene
Concen: 0.915 ug/L
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX026123.D
Acq: 29 Dec 2021 01:24

Tgt Ion:180 Resp: 1323
Ion Ratio Lower Upper
180 100
182 92.8 76.6 115.0
145 39.5 26.6 39.8

