

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122921\
 Data File : VX026138.D
 Acq On : 29 Dec 2021 14:57
 Operator : JC/MD
 Sample : M5194-17
 Misc : 6.70g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGLC9ME

Quant Time: Dec 30 02:41:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 30 02:39:24 2021
 Response via : Initial Calibration

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

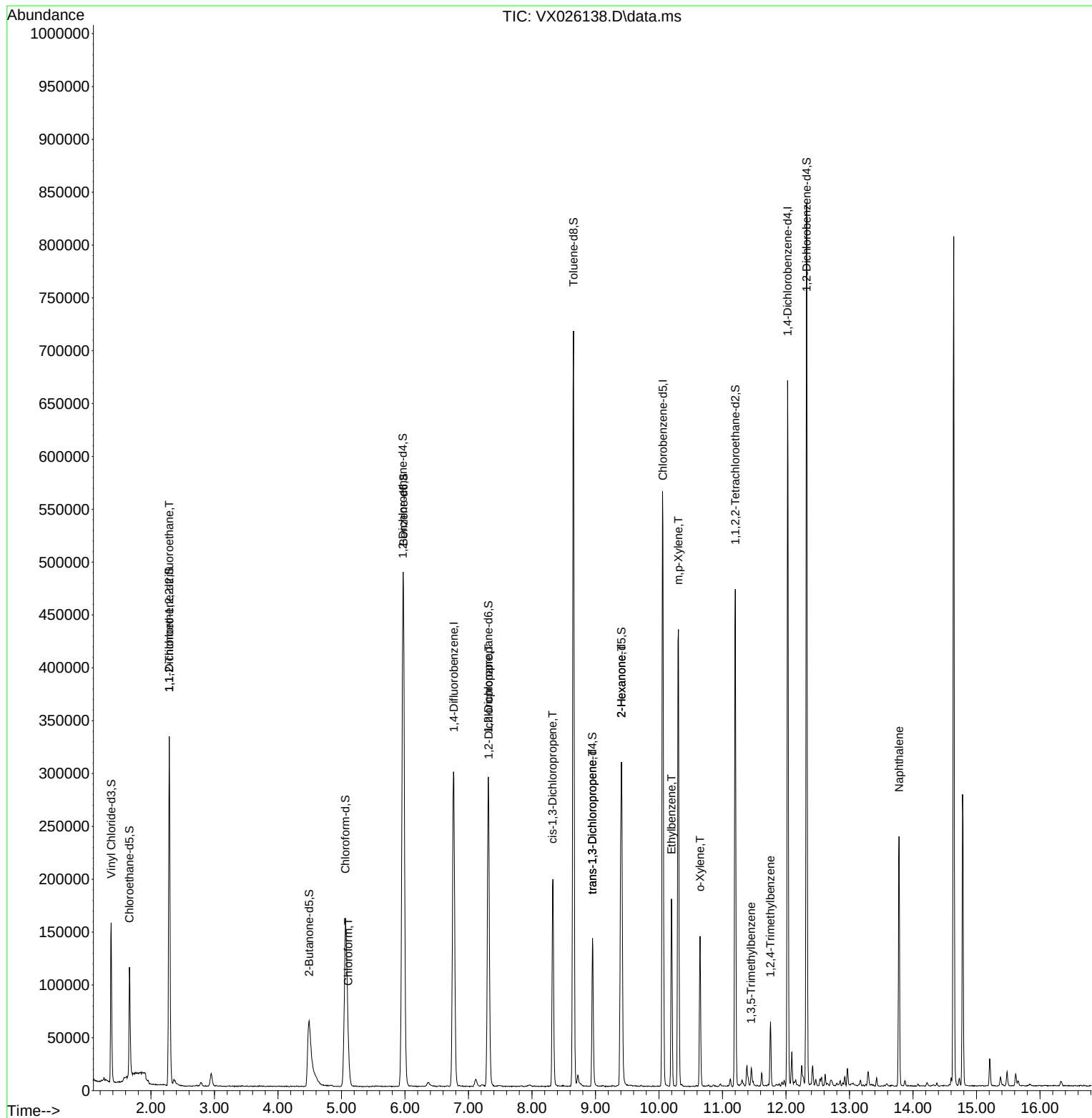
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	301484	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	260491	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129315	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	111577	47.683	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.360%		
7) Chloroethane-d5	1.660	69	70010	41.157	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.320%		
11) 1,1-Dichloroethene-d2	2.288	63	188151	44.051	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.100%		
21) 2-Butanone-d5	4.489	46	173510	107.310	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.310%		
24) Chloroform-d	5.062	84	182272	45.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.740%		
26) 1,2-Dichloroethane-d4	5.964	65	149460	58.021	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	116.040%		
32) Benzene-d6	5.977	84	439732	58.552	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	117.100%		
36) 1,2-Dichloropropane-d6	7.312	67	137864	59.340	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	118.680%		
41) Toluene-d8	8.653	98	406434	59.340	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	118.680%		
43) trans-1,3-Dichloroprop...	8.952	79	64008	56.439	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	112.880%		
47) 2-Hexanone-d5	9.409	63	130635	120.564	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	120.560%		
56) 1,1,2,2-Tetrachloroeth...	11.201	84	185893	60.120	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	120.240%#		
66) 1,2-Dichlorobenzene-d4	12.323	152	149107	60.447	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	120.900%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	1648	0.834	ug/L #	20
25) Chloroform	5.105	83	35182	9.608	ug/L	96
37) 1,2-Dichloropropane	7.318	63	16815	8.492	ug/L #	86
39) cis-1,3-Dichloropropene	8.324	75	5262	1.723	ug/L #	78
44) trans-1,3-Dichloropropene	8.952	75	3505	1.198	ug/L	90
48) 2-Hexanone	9.409	43	16969	6.449	ug/L #	69
52) Ethylbenzene	10.195	91	100728	11.697	ug/L	100
53) m,p-Xylene	10.305	106	102520	31.192	ug/L	99
54) o-Xylene	10.647	106	29779	9.327	ug/L	92
62) 1,3,5-Trimethylbenzene	11.451	105	7313	1.013	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	24252	3.331	ug/L	95
71) Naphthalene	13.780	128	139331	15.987	ug/L	100

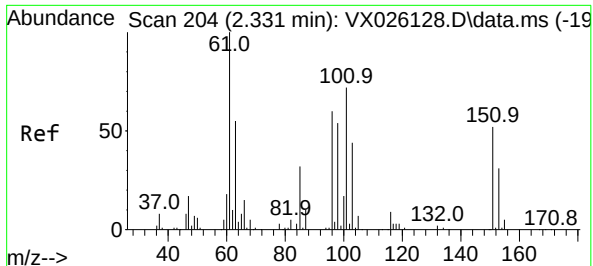
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 30 02:39:24 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.834 ug/L

RT: 2.288 min Scan# 11

Delta R.T. -0.042 min

Lab File: VX026138.D

Acq: 29 Dec 2021 14:57

Instrument :

MSVOA_X

ClientSampleId :

BGLC9ME

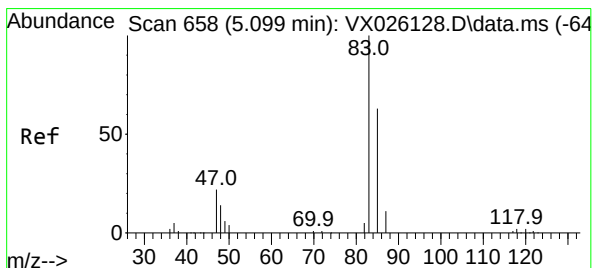
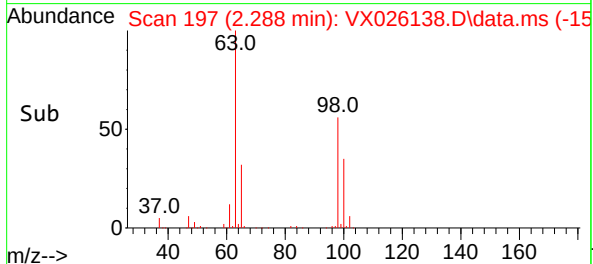
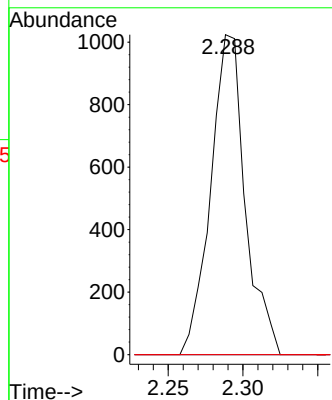
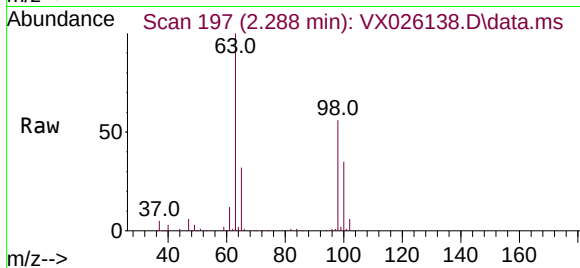
Tgt Ion:101 Resp: 1648

Ion Ratio Lower Upper

101 100

85 0.0 36.6 55.0#

151 0.0 58.5 87.7#



#25

Chloroform

Concen: 9.608 ug/L

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX026138.D

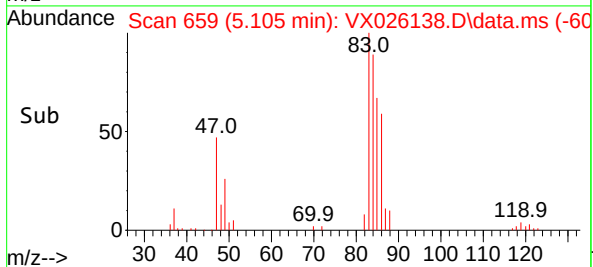
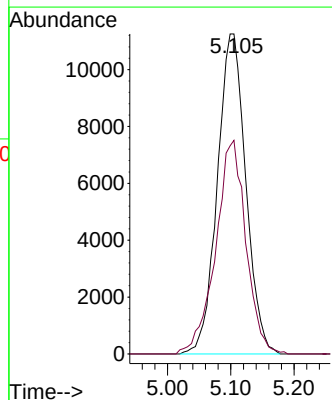
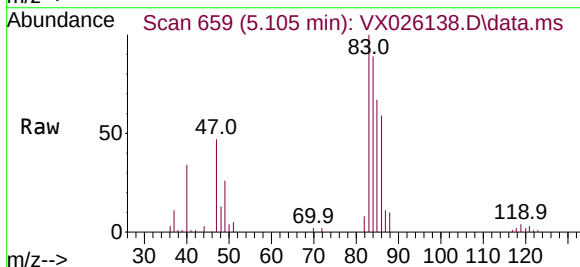
Acq: 29 Dec 2021 14:57

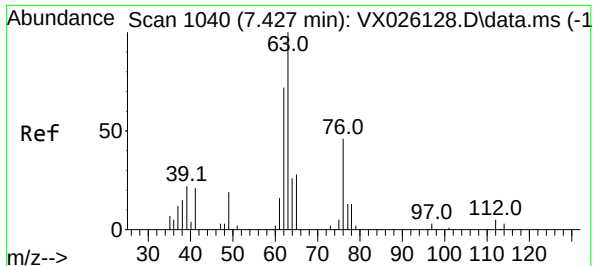
Tgt Ion: 83 Resp: 35182

Ion Ratio Lower Upper

83 100

85 66.7 44.5 82.7





#37

1,2-Dichloropropane

Concen: 8.492 ug/L

RT: 7.318 min Scan# 1

Delta R.T. -0.110 min

Lab File: VX026138.D

Acq: 29 Dec 2021 14:57

Instrument :

MSVOA_X

ClientSampleId :

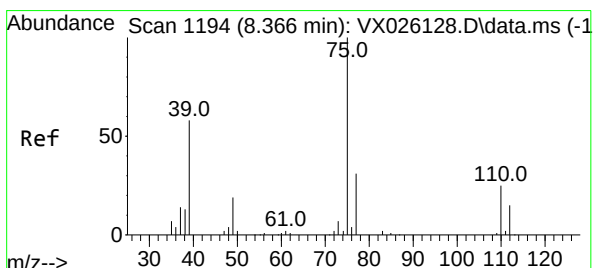
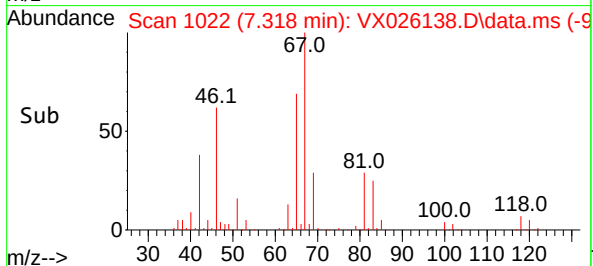
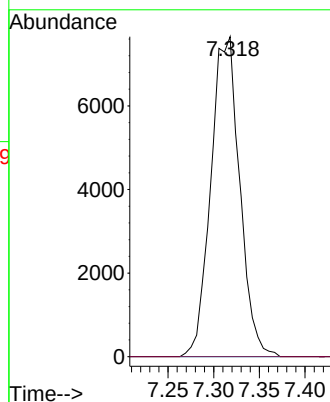
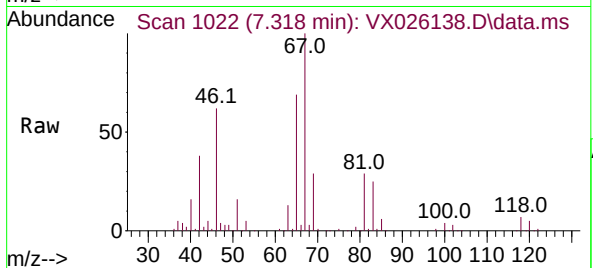
BGLC9ME

Tgt Ion: 63 Resp: 16815

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.723 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.042 min

Lab File: VX026138.D

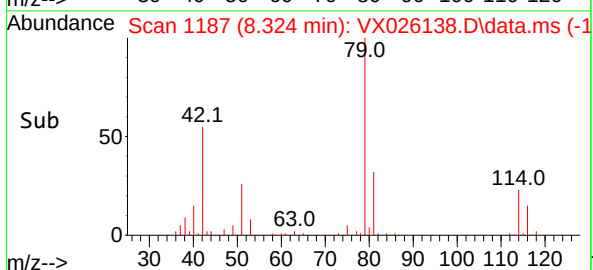
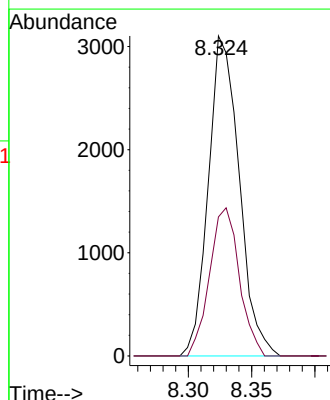
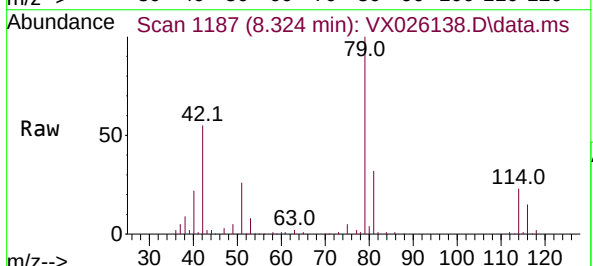
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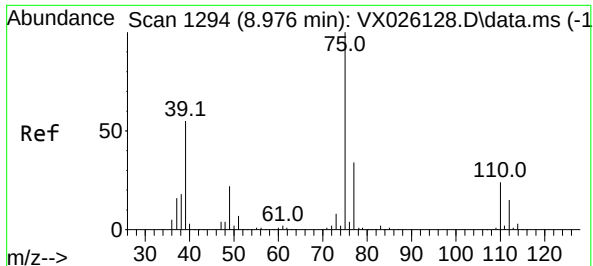
Tgt Ion: 75 Resp: 5262

Ion Ratio Lower Upper

75 100

77 43.5 22.0 41.0#

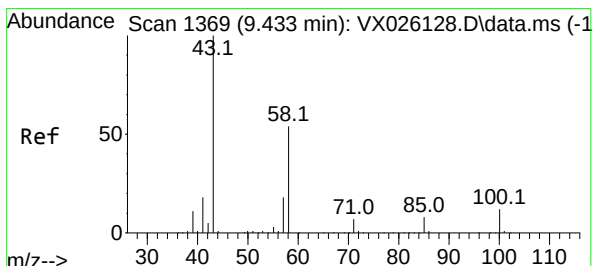
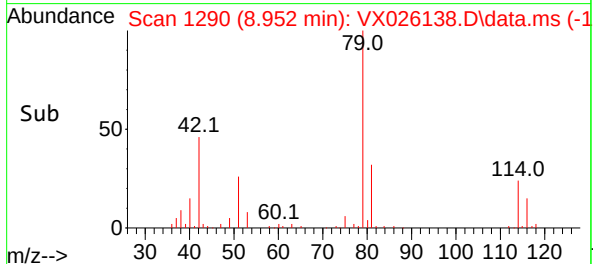
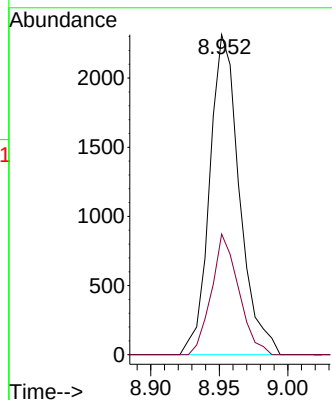
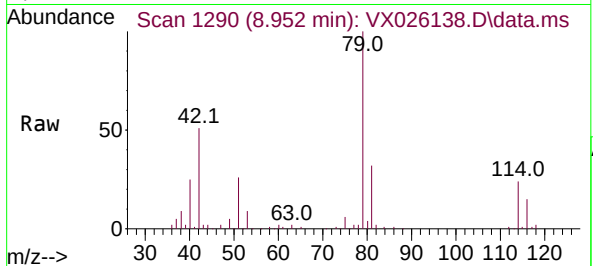




#44
trans-1,3-Dichloropropene
Concen: 1.198 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026138.D
Acq: 29 Dec 2021 14:57

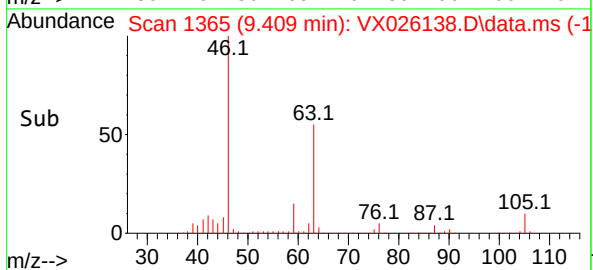
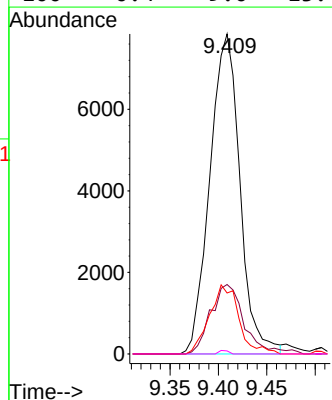
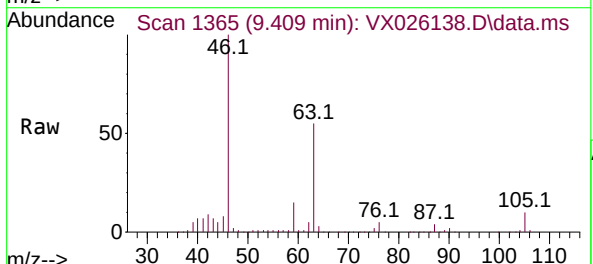
Instrument :
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BGLC9ME

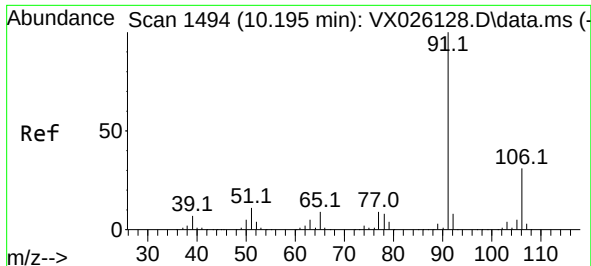
Tgt Ion: 75 Resp: 3505
Ion Ratio Lower Upper
75 100
77 37.7 22.5 41.7



#48
2-Hexanone
Concen: 6.449 ug/L
RT: 9.409 min Scan# 1365
Delta R.T. -0.024 min
Lab File: VX026138.D
Acq: 29 Dec 2021 14:57

Tgt Ion: 43 Resp: 16969
Ion Ratio Lower Upper
43 100
58 23.2 40.8 61.2#
57 20.4 14.3 21.5
100 0.4 9.0 13.4#





#52

Ethylbenzene

Concen: 11.697 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026138.D

Acq: 29 Dec 2021 14:57

Instrument :

MSVOA_X

ClientSampleId :

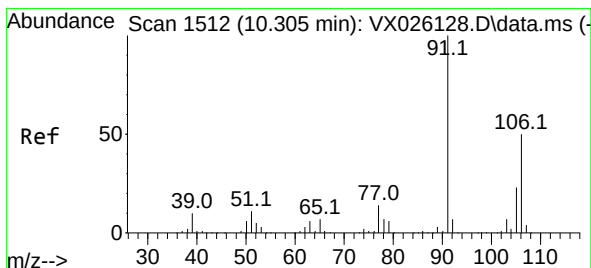
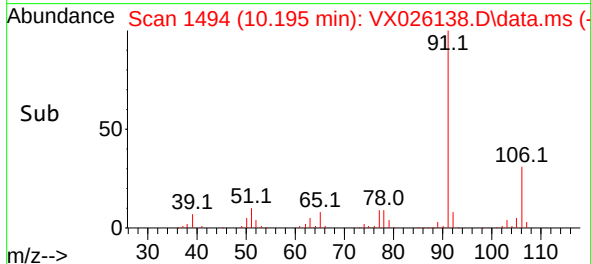
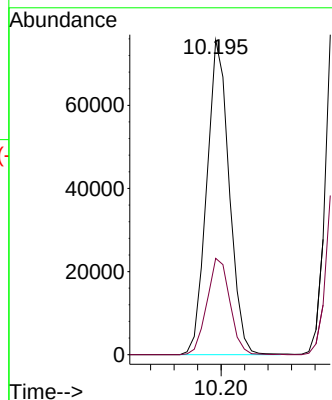
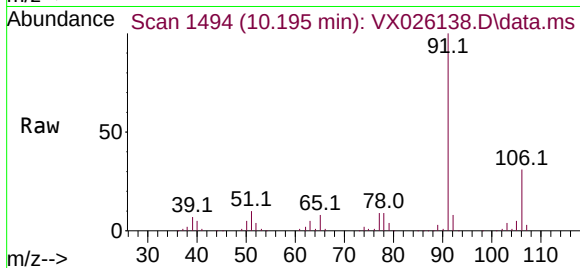
BGLC9ME

Tgt Ion: 91 Resp: 100728

Ion Ratio Lower Upper

91 100

106 30.6 21.5 39.9



#53

m,p-Xylene

Concen: 31.192 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX026138.D

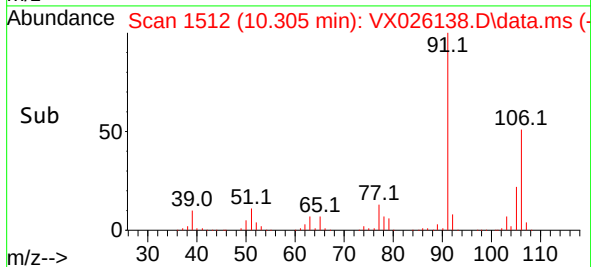
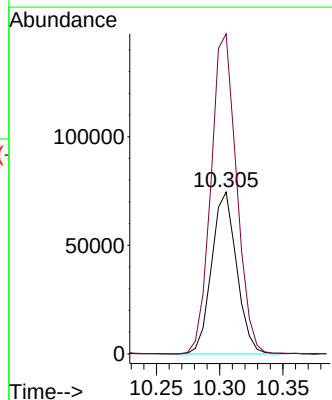
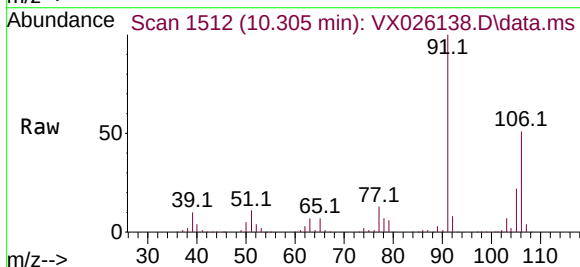
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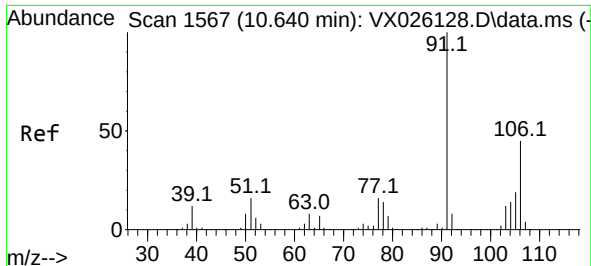
Tgt Ion:106 Resp: 102520

Ion Ratio Lower Upper

106 100

91 197.5 139.7 259.5

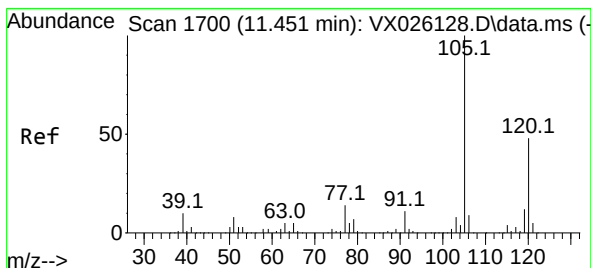
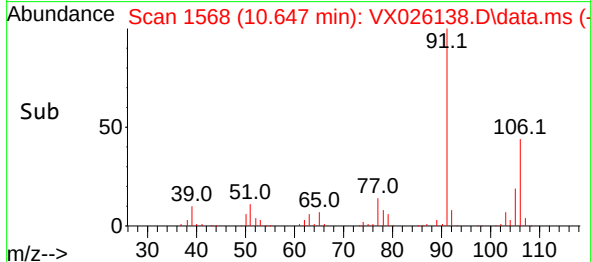
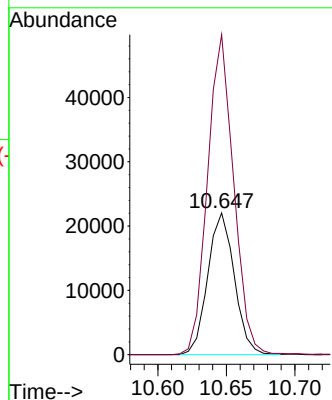
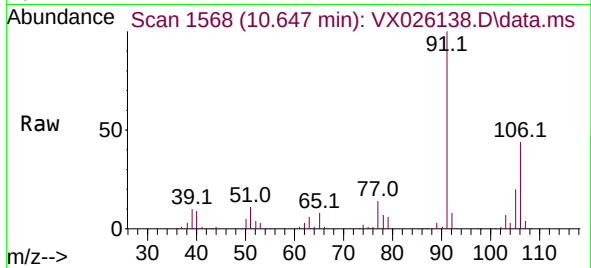




#54
o-Xylene
Concen: 9.327 ug/L
RT: 10.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026138.D
Acq: 29 Dec 2021 14:57

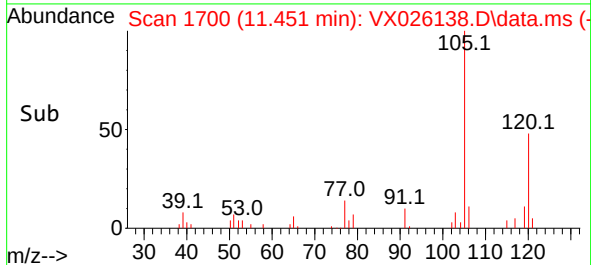
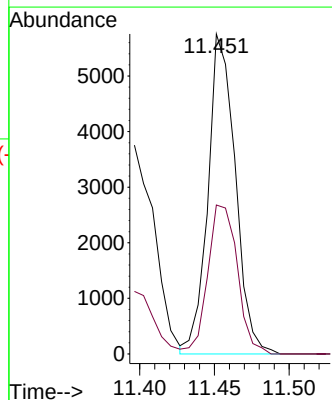
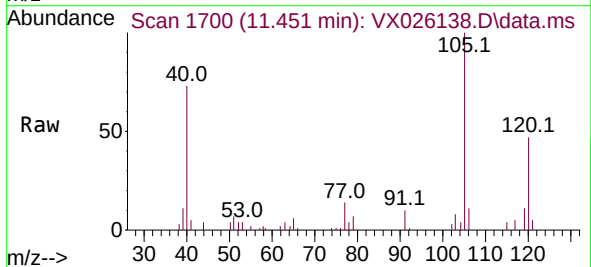
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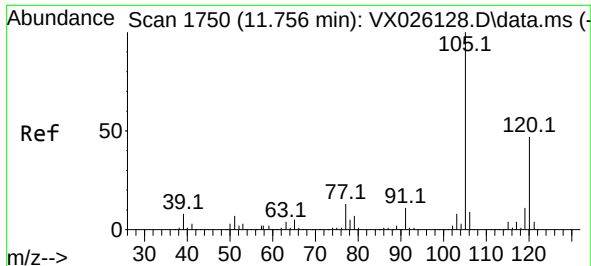
Tgt Ion:106 Resp: 29779
Ion Ratio Lower Upper
106 100
91 225.7 149.1 276.9



#62
1,3,5-Trimethylbenzene
Concen: 1.013 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026138.D
Acq: 29 Dec 2021 14:57

Tgt Ion:105 Resp: 7313
Ion Ratio Lower Upper
105 100
120 50.4 38.3 57.5





#63

1,2,4-Trimethylbenzene

Concen: 3.331 ug/L

RT: 11.756 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026138.D

Acq: 29 Dec 2021 14:57

Instrument :

MSVOA_X

ClientSampleId :

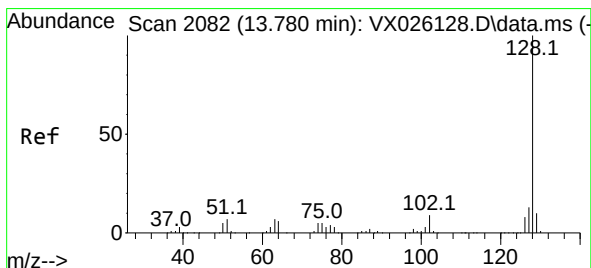
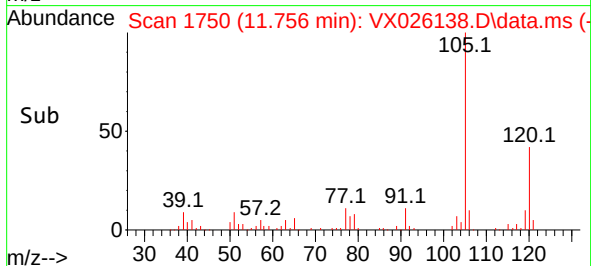
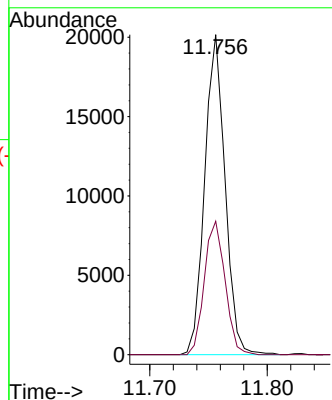
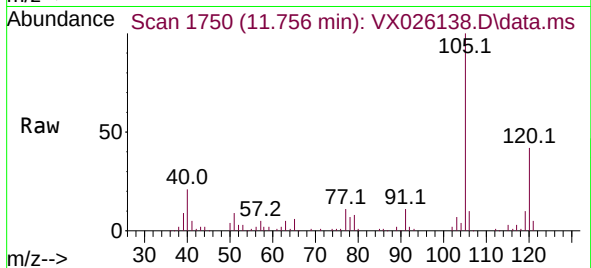
BGLC9ME

Tgt Ion:105 Resp: 24252

Ion Ratio Lower Upper

105 100

120 42.5 36.5 54.7



#71

Naphthalene

Concen: 15.987 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX026138.D

Acq: 29 Dec 2021 14:57

Tgt Ion:128 Resp: 139331

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.6 8.6 12.8

