

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081221\
 Data File : VX023673.D
 Acq On : 12 Aug 2021 14:38
 Operator : JC/MD
 Sample : M3364-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DBK99

Quant Time: Aug 13 01:03:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 13 01:00:38 2021
 Response via : Initial Calibration

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

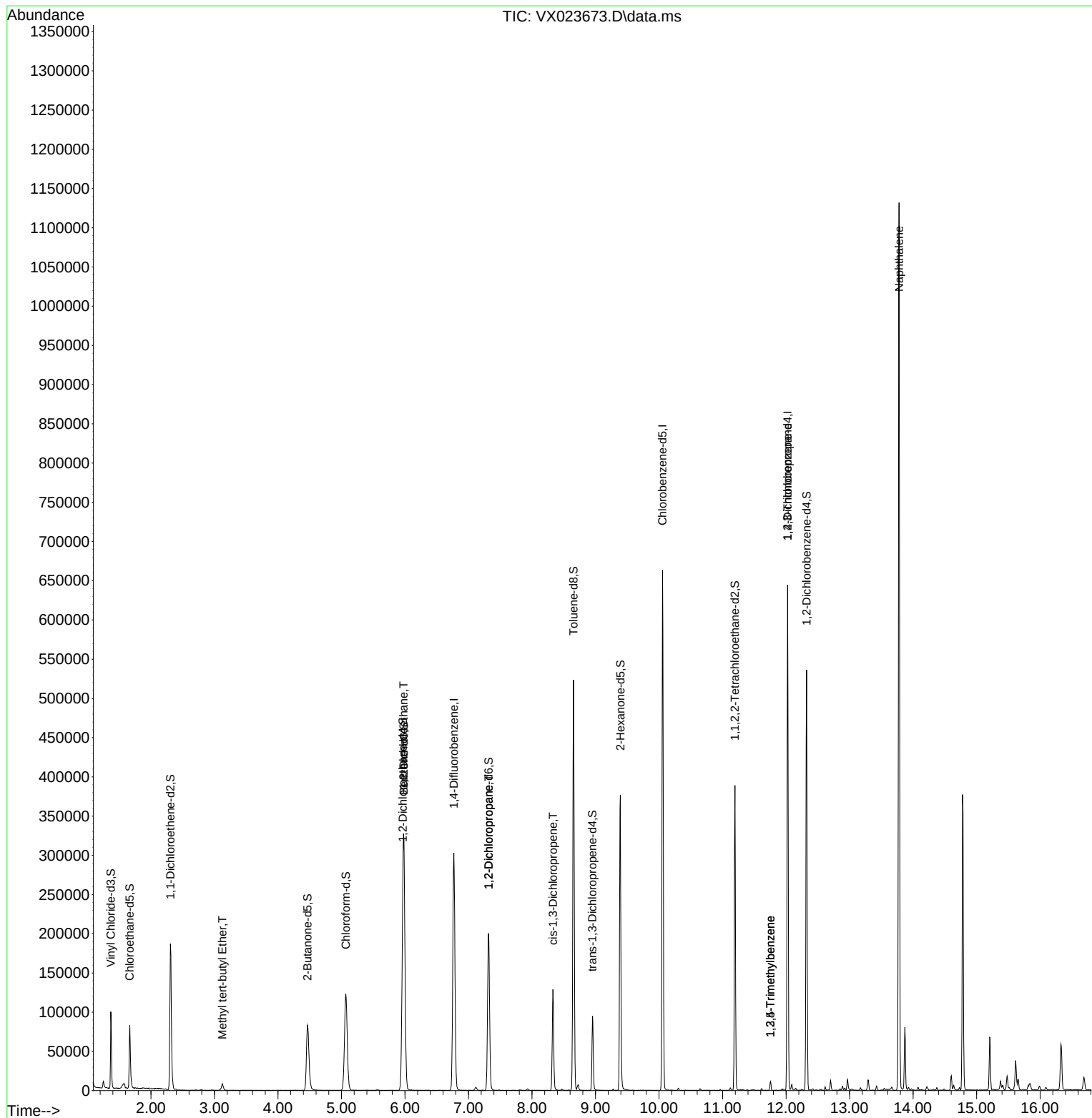
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	303090	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282553	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126093	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	61909	39.188	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.380%		
7) Chloroethane-d5	1.666	69	56943	43.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.760%		
11) 1,1-Dichloroethene-d2	2.307	63	108486	31.614	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.220%		
21) 2-Butanone-d5	4.465	46	145026	95.220	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.220%		
24) Chloroform-d	5.068	84	152012	42.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.980%		
26) 1,2-Dichloroethane-d4	5.964	65	108819	44.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.760%		
32) Benzene-d6	5.983	84	313495	44.044	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.080%		
36) 1,2-Dichloropropane-d6	7.318	67	99956	44.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.260%		
41) Toluene-d8	8.653	98	291288	42.493	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.980%		
43) trans-1,3-Dichloroprop...	8.952	79	41889	39.525	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.040%		
47) 2-Hexanone-d5	9.391	63	104636	97.182	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.180%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	136995	45.919	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.840%		
66) 1,2-Dichlorobenzene-d4	12.323	152	104679	47.308	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.620%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.123	73	7821	1.292	ug/L	96
27) 1,2-Dichloroethane	5.977	62	2050	0.707	ug/L	99
37) 1,2-Dichloropropane	7.318	63	11898	5.876	ug/L #	86
39) cis-1,3-Dichloropropene	8.330	75	3190	1.076	ug/L #	24
61) 1,2,3-Trichloropropane	12.024	75	15790	6.225	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.756	105	4456	0.643	ug/L	88
63) 1,2,4-Trimethylbenzene	11.756	105	4456	0.633	ug/L	91
71) Naphthalene	13.780	128	675371	87.656	ug/L	100

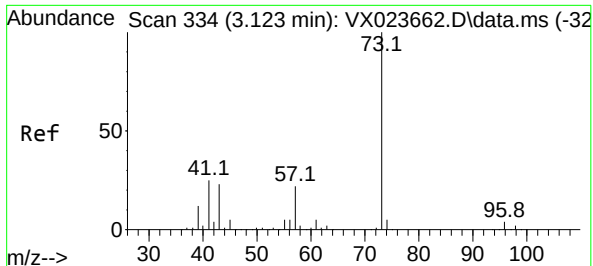
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 13 01:00:38 2021
Response via : Initial Calibration

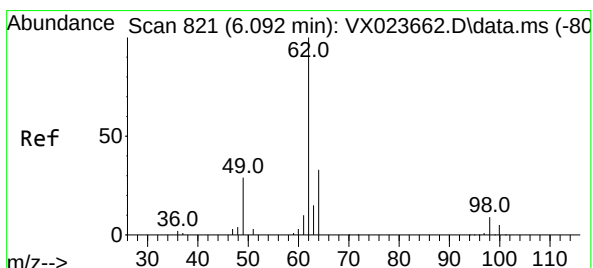
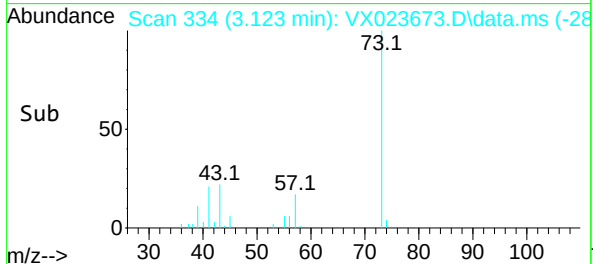
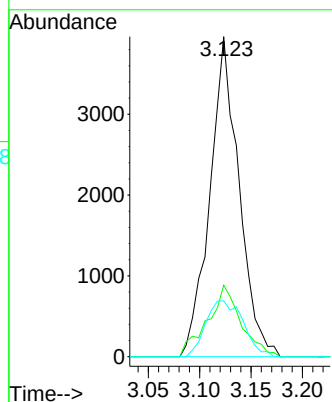
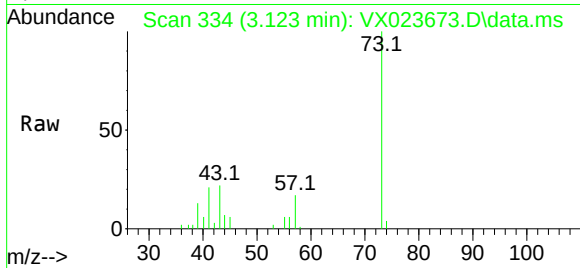




#18
Methyl tert-butyl Ether
Concen: 1.292 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023673.D
Acq: 12 Aug 2021 14:38

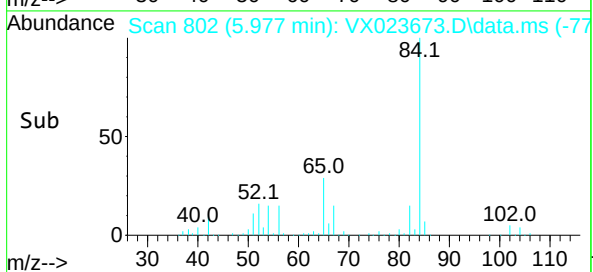
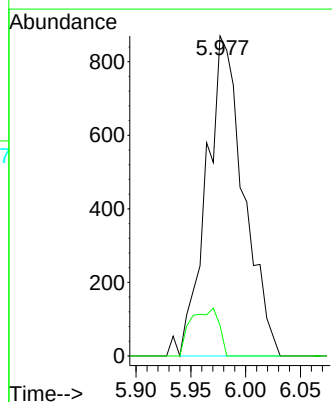
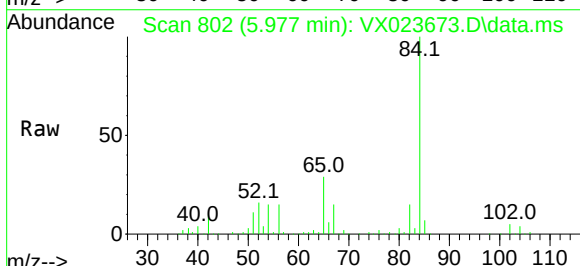
Instrument :
MSVOA_X
ClientSampleId :
DBK99

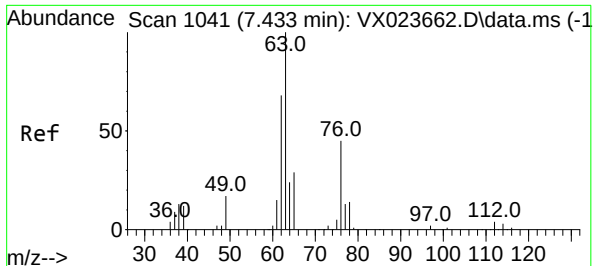
Tgt Ion:	73	Resp:	7821
Ion	Ratio	Lower	Upper
73	100		
43	22.3	15.1	22.7
57	22.5	17.4	26.2



#27
1,2-Dichloroethane
Concen: 0.707 ug/L
RT: 5.977 min Scan# 802
Delta R.T. -0.116 min
Lab File: VX023673.D
Acq: 12 Aug 2021 14:38

Tgt Ion:	62	Resp:	2050
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.9	11.9



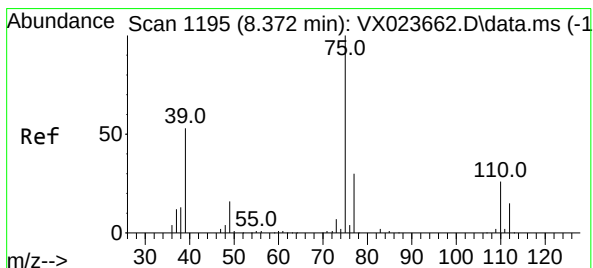
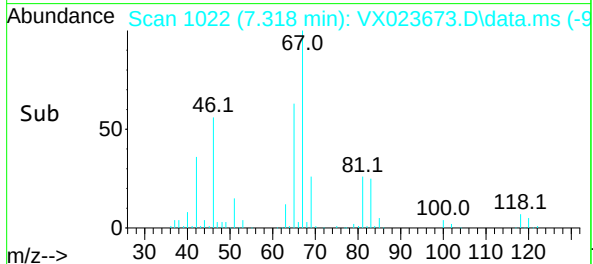
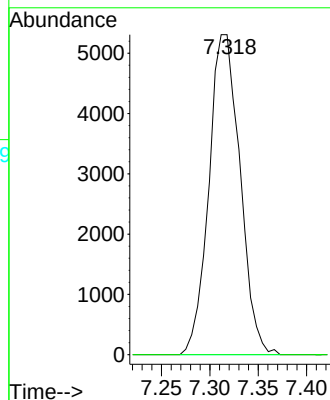
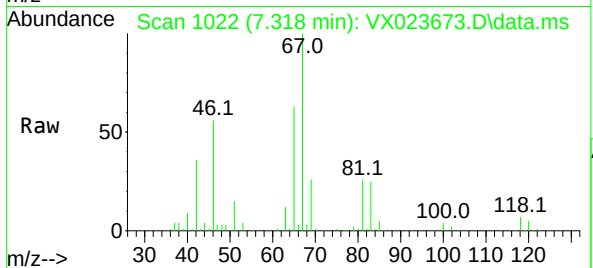


#37

1,2-Dichloropropane
Concen: 5.876 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX023673.D
Acq: 12 Aug 2021 14:38

Instrument :
MSVOA_X
ClientSampled :
DBK99

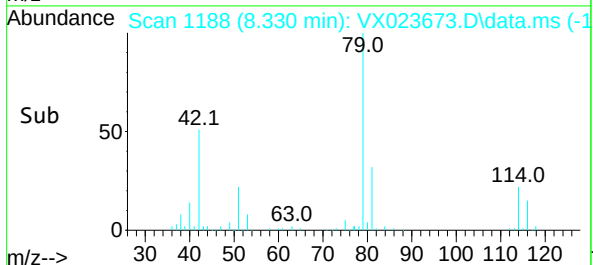
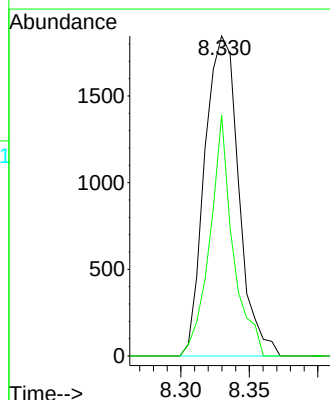
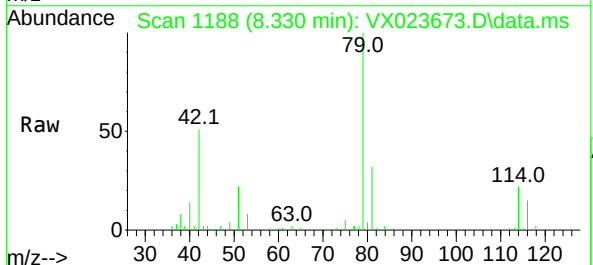
Tgt Ion: 63 Resp: 11898
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

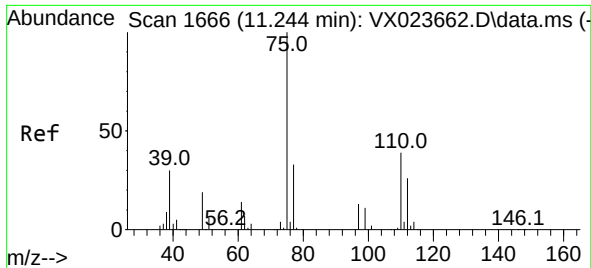


#39

cis-1,3-Dichloropropene
Concen: 1.076 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.042 min
Lab File: VX023673.D
Acq: 12 Aug 2021 14:38

Tgt Ion: 75 Resp: 3190
Ion Ratio Lower Upper
75 100
77 75.3 22.7 42.3#

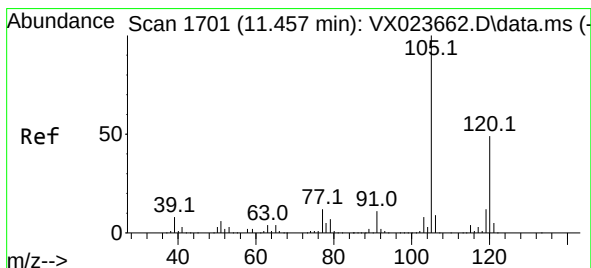
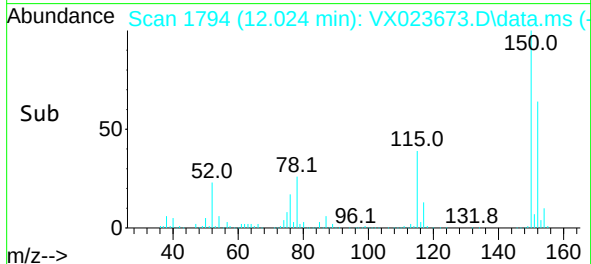
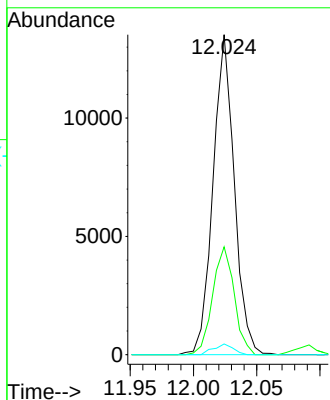
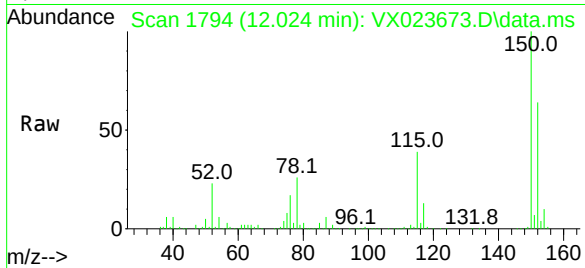




#61
1,2,3-Trichloropropane
Concen: 6.225 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.781 min
Lab File: VX023673.D
Acq: 12 Aug 2021 14:38

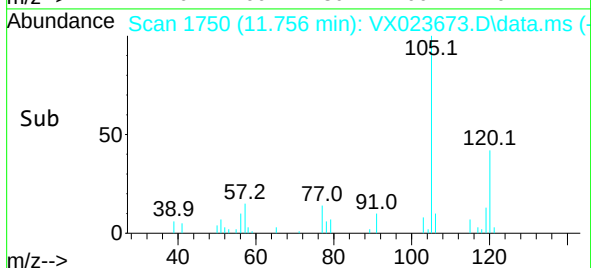
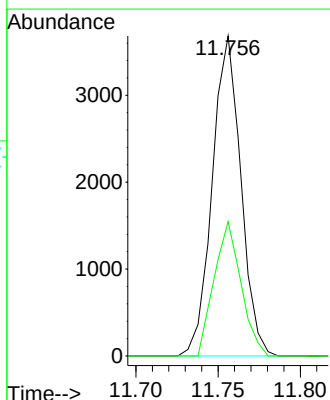
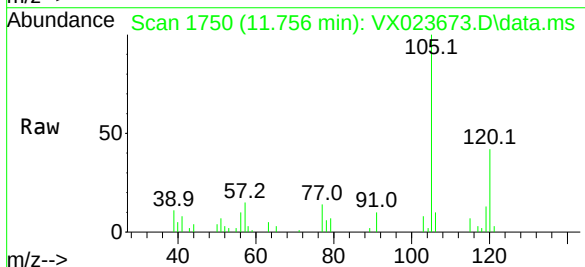
Instrument :
MSVOA_X
ClientSampleId :
DBK99

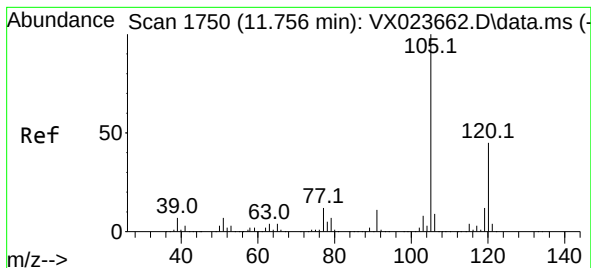
Tgt Ion: 75 Resp: 15790
Ion Ratio Lower Upper
75 100
77 34.1 26.2 39.2
110 3.1 31.8 47.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.643 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.299 min
Lab File: VX023673.D
Acq: 12 Aug 2021 14:38

Tgt Ion: 105 Resp: 4456
Ion Ratio Lower Upper
105 100
120 39.4 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 0.633 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX023673.D

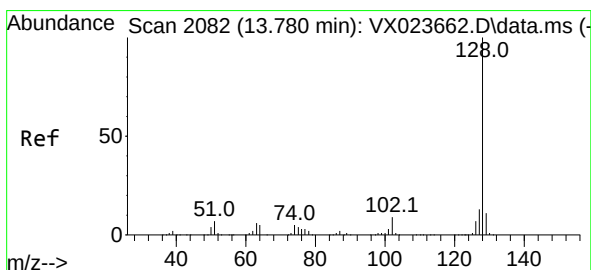
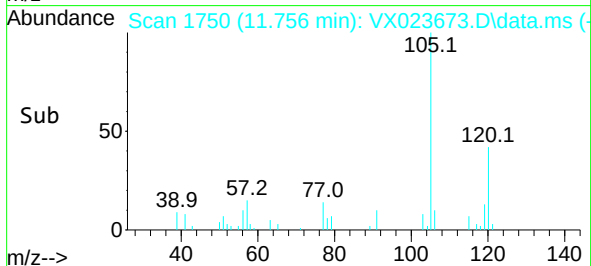
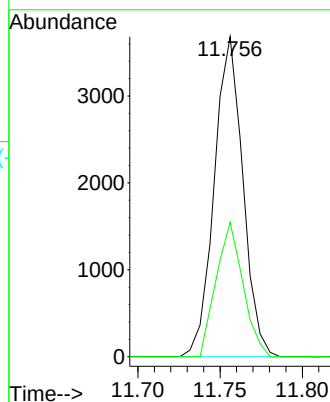
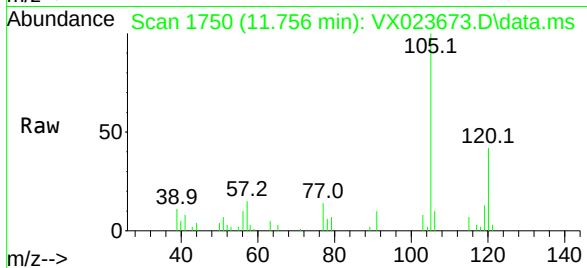
Acq: 12 Aug 2021 14:38

Tgt Ion:105 Resp: 4456

Ion Ratio Lower Upper

105 100

120 39.4 36.4 54.6



#71

Naphthalene

Concen: 87.656 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX023673.D

Acq: 12 Aug 2021 14:38

Tgt Ion:128 Resp: 675371

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.6 13.0

