

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
 Data File : VX025153.D
 Acq On : 12 Nov 2021 14:47
 Operator : JC/MD
 Sample : M4615-04 10X
 Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0V03

Quant Time: Nov 13 04:24:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 12 12:01:23 2021
 Response via : Initial Calibration

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

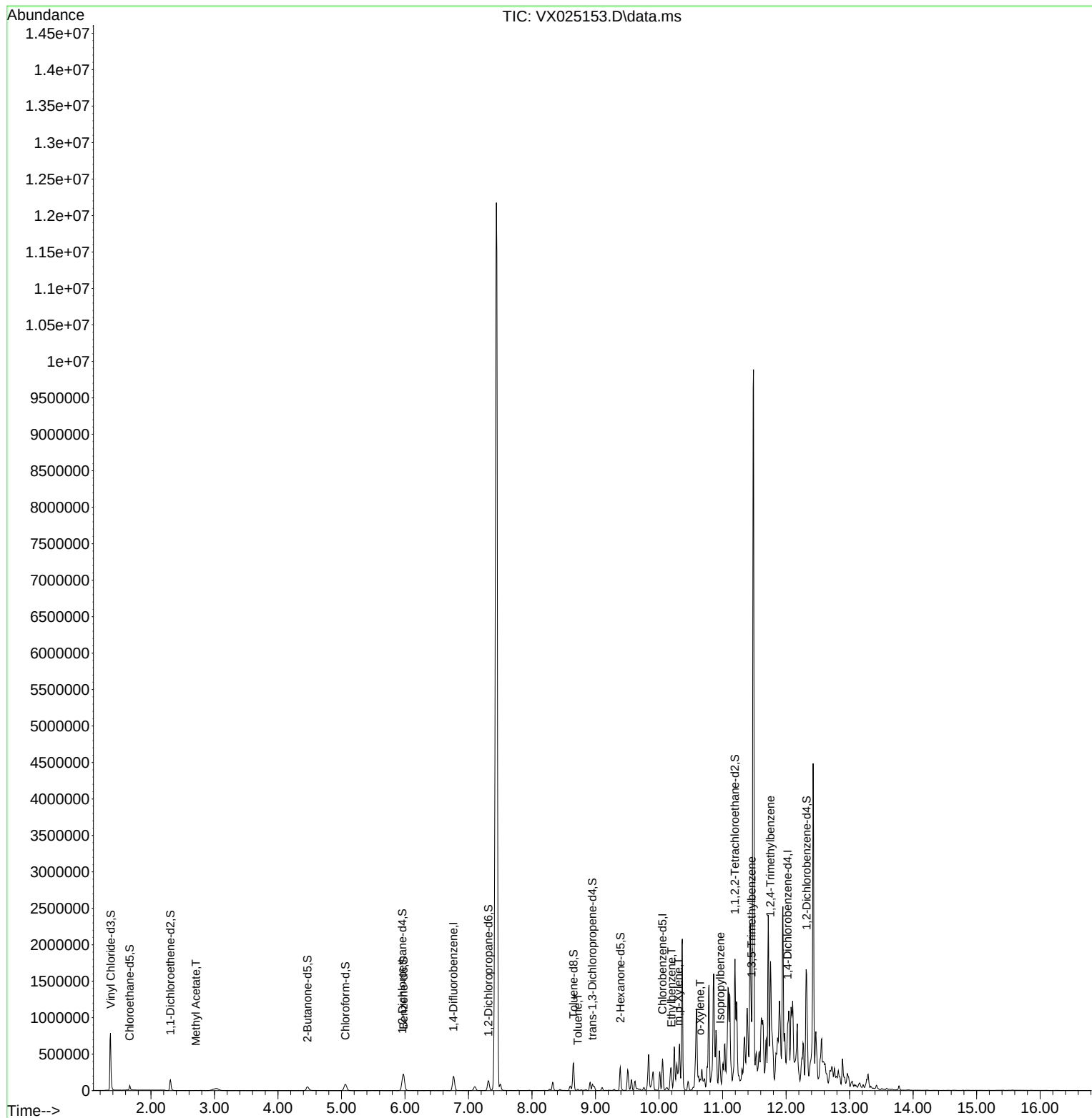
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	213351	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	194554	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	113090	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	61799	42.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.760%		
7) Chloroethane-d5	1.666	69	36144	43.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.000%		
11) 1,1-Dichloroethene-d2	2.306	63	79737	32.165	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.320%		
21) 2-Butanone-d5	4.465	46	95663	87.827	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.830%		
24) Chloroform-d	5.062	84	110643	43.635	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.260%		
26) 1,2-Dichloroethane-d4	5.958	65	69881	45.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.940%		
32) Benzene-d6	5.976	84	231335	43.566	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.140%		
36) 1,2-Dichloropropane-d6	7.312	67	71626	44.177	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.360%		
41) Toluene-d8	8.653	98	220963	43.575	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.140%		
43) trans-1,3-Dichloroprop...	8.952	79	39778	45.195	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.380%		
47) 2-Hexanone-d5	9.390	63	76948	88.380	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.380%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	125918	53.921	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.840%		
66) 1,2-Dichlorobenzene-d4	12.323	152	103288	46.073	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.140%		
Target Compounds						Qvalue
15) Methyl Acetate	2.709	43	2514	1.511	ug/L #	63
42) Toluene	8.720	91	11904	1.834	ug/L	98
52) Ethylbenzene	10.195	91	21696	3.109	ug/L	91
53) m,p-Xylene	10.305	106	33182	11.760	ug/L	80
54) o-Xylene	10.646	106	18572	6.670	ug/L	76
60) Isopropylbenzene	10.963	105	22428	2.773	ug/L #	86
62) 1,3,5-Trimethylbenzene	11.457	105	128371	18.710	ug/L	89
63) 1,2,4-Trimethylbenzene	11.756	105	496591	72.143	ug/L	88

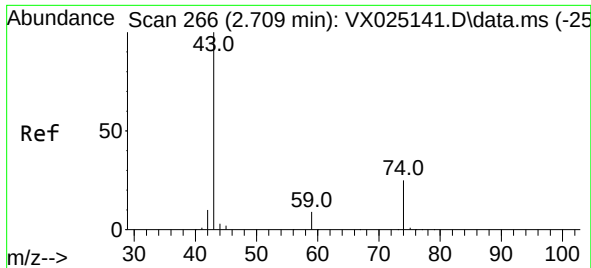
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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COV03

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QLast Update : Fri Nov 12 12:01:23 2021
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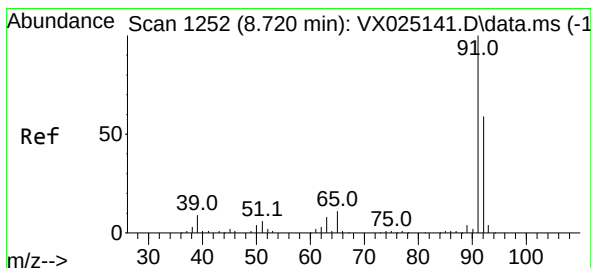
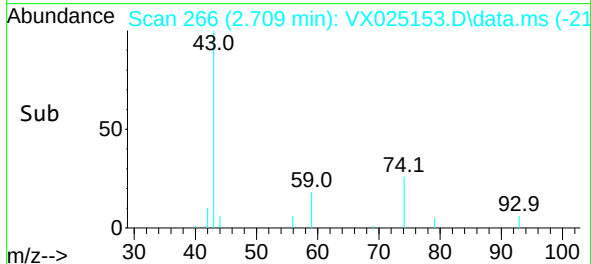
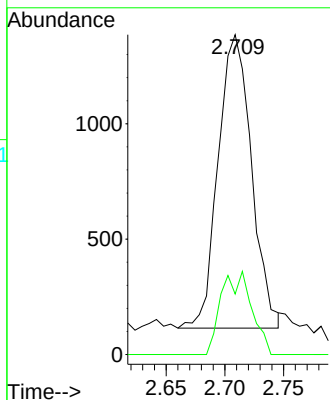
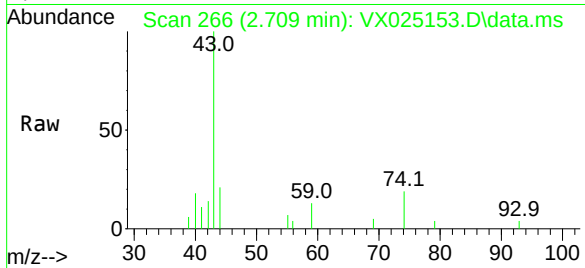




#15
Methyl Acetate
Concen: 1.511 ug/L
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

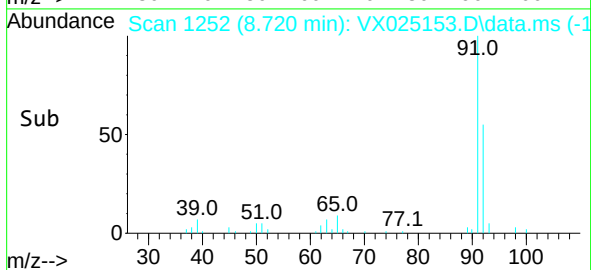
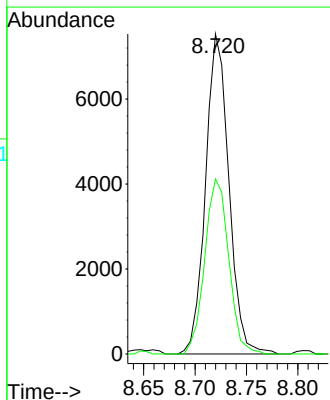
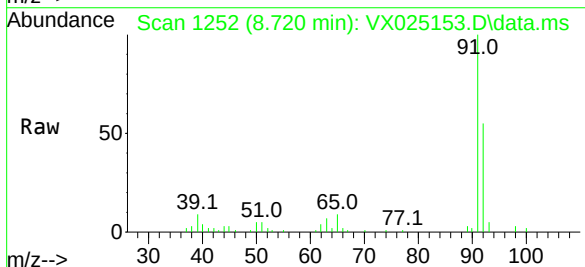
Instrument :
MSVOA_X
ClientSampleId :
COV03

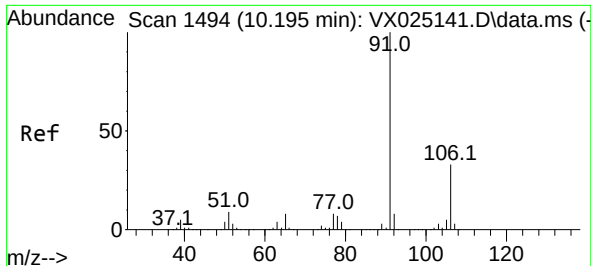
Tgt Ion: 43 Resp: 2514
Ion Ratio Lower Upper
43 100
74 14.0 28.6 42.8#



#42
Toluene
Concen: 1.834 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

Tgt Ion: 91 Resp: 11904
Ion Ratio Lower Upper
91 100
92 54.7 39.3 72.9

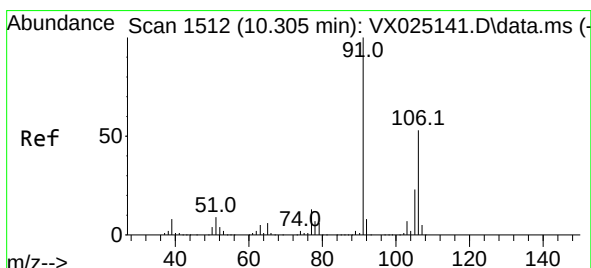
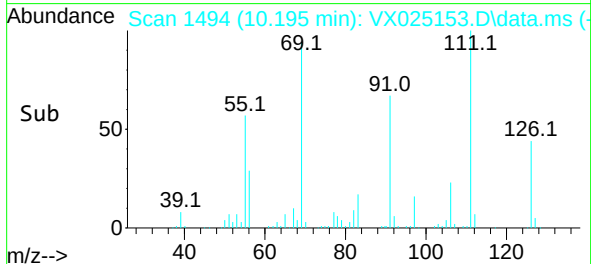
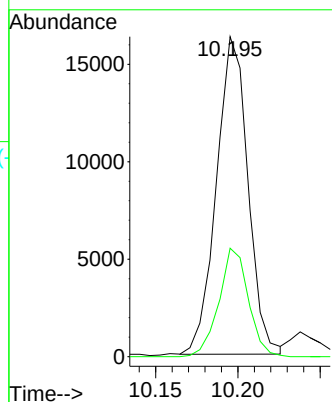
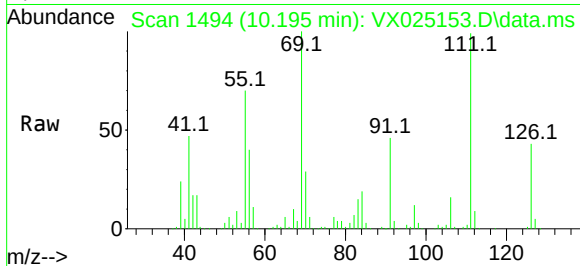




#52
Ethylbenzene
Concen: 3.109 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

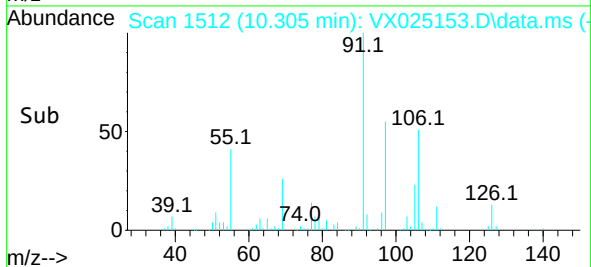
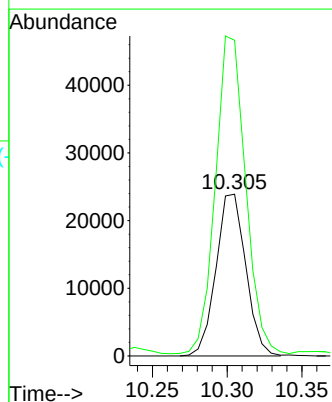
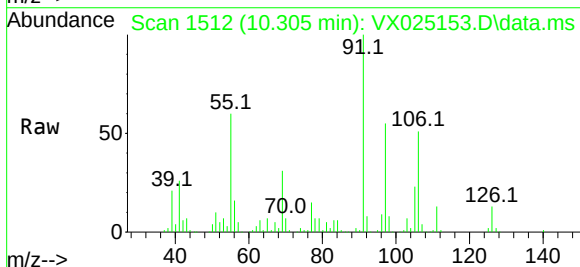
Instrument :
MSVOA_X
ClientSampleId :
COV03

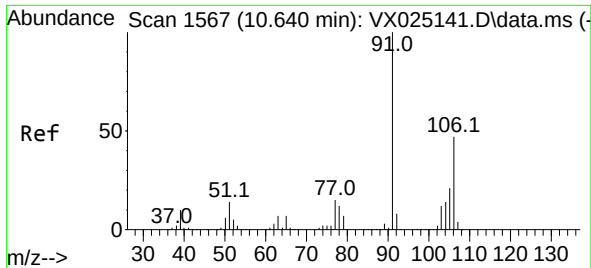
Tgt Ion: 91 Resp: 21696
Ion Ratio Lower Upper
91 100
106 33.9 20.2 37.6



#53
m,p-Xylene
Concen: 11.760 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

Tgt Ion: 106 Resp: 33182
Ion Ratio Lower Upper
106 100
91 195.1 160.2 297.6

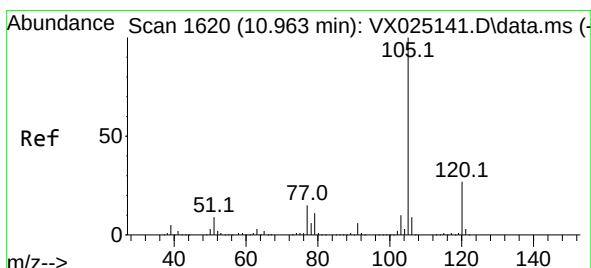
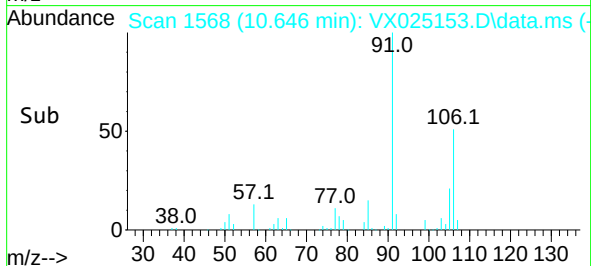
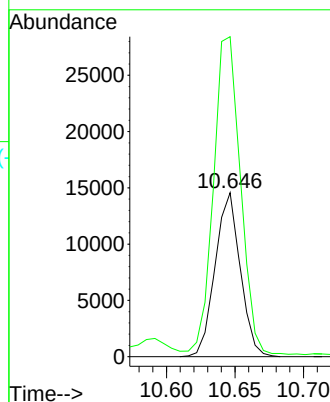
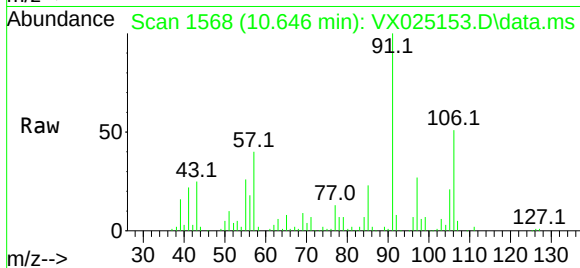




#54
o-Xylene
Concen: 6.670 ug/L
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

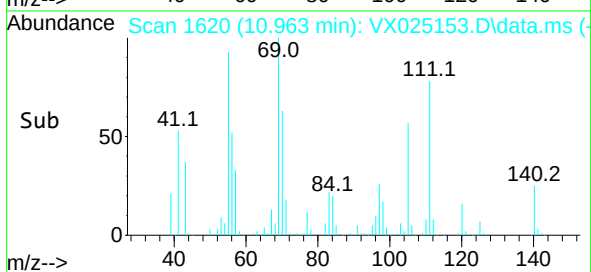
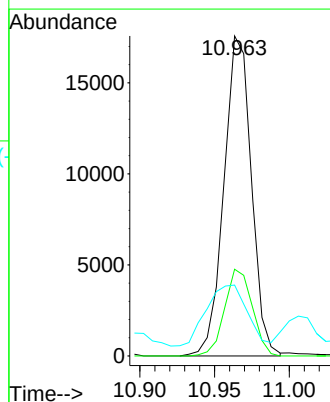
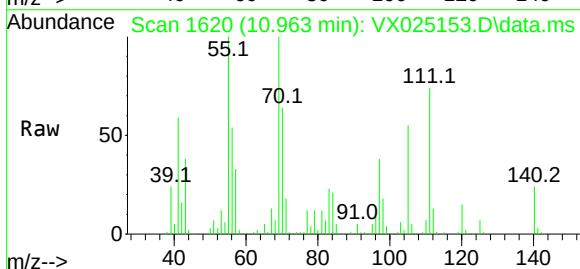
Instrument :
MSVOA_X
ClientSampleId :
COV03

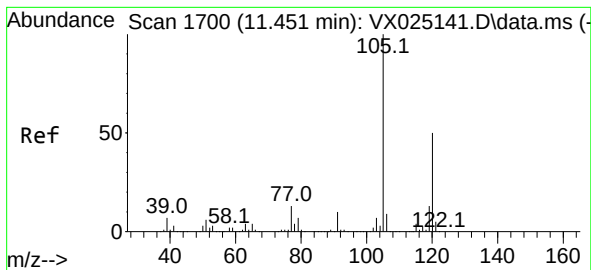
Tgt Ion:106 Resp: 18572
Ion Ratio Lower Upper
106 100
91 195.2 164.4 305.4



#60
Isopropylbenzene
Concen: 2.773 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

Tgt Ion:105 Resp: 22428
Ion Ratio Lower Upper
105 100
120 27.3 19.8 29.6
77 27.8 13.2 19.8#





#62

1,3,5-Trimethylbenzene

Concen: 18.710 ug/L

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX025153.D

Acq: 12 Nov 2021 14:47

Instrument :

MSVOA_X

ClientSampleId :

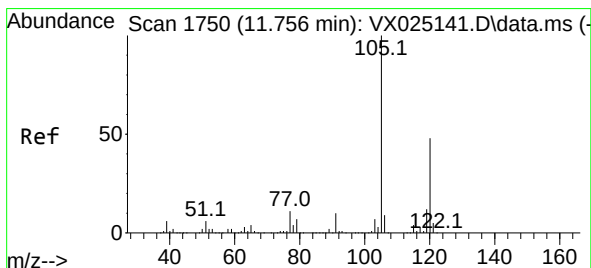
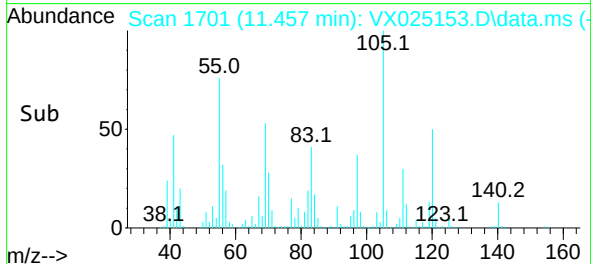
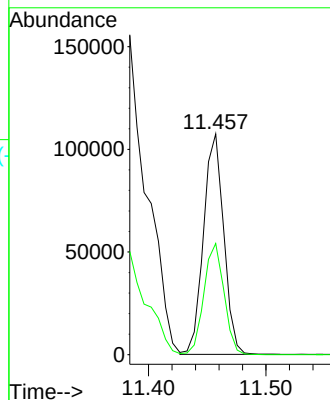
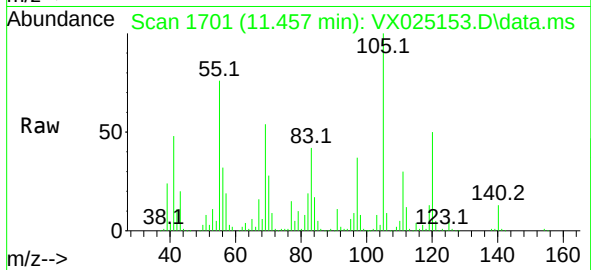
COV03

Tgt Ion:105 Resp: 128371

Ion Ratio Lower Upper

105 100

120 50.1 34.4 51.6



#63

1,2,4-Trimethylbenzene

Concen: 72.143 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX025153.D

Acq: 12 Nov 2021 14:47

Tgt Ion:105 Resp: 496591

Ion Ratio Lower Upper

105 100

120 46.3 31.0 46.6

