Quantitation Report (QT Reviewed)

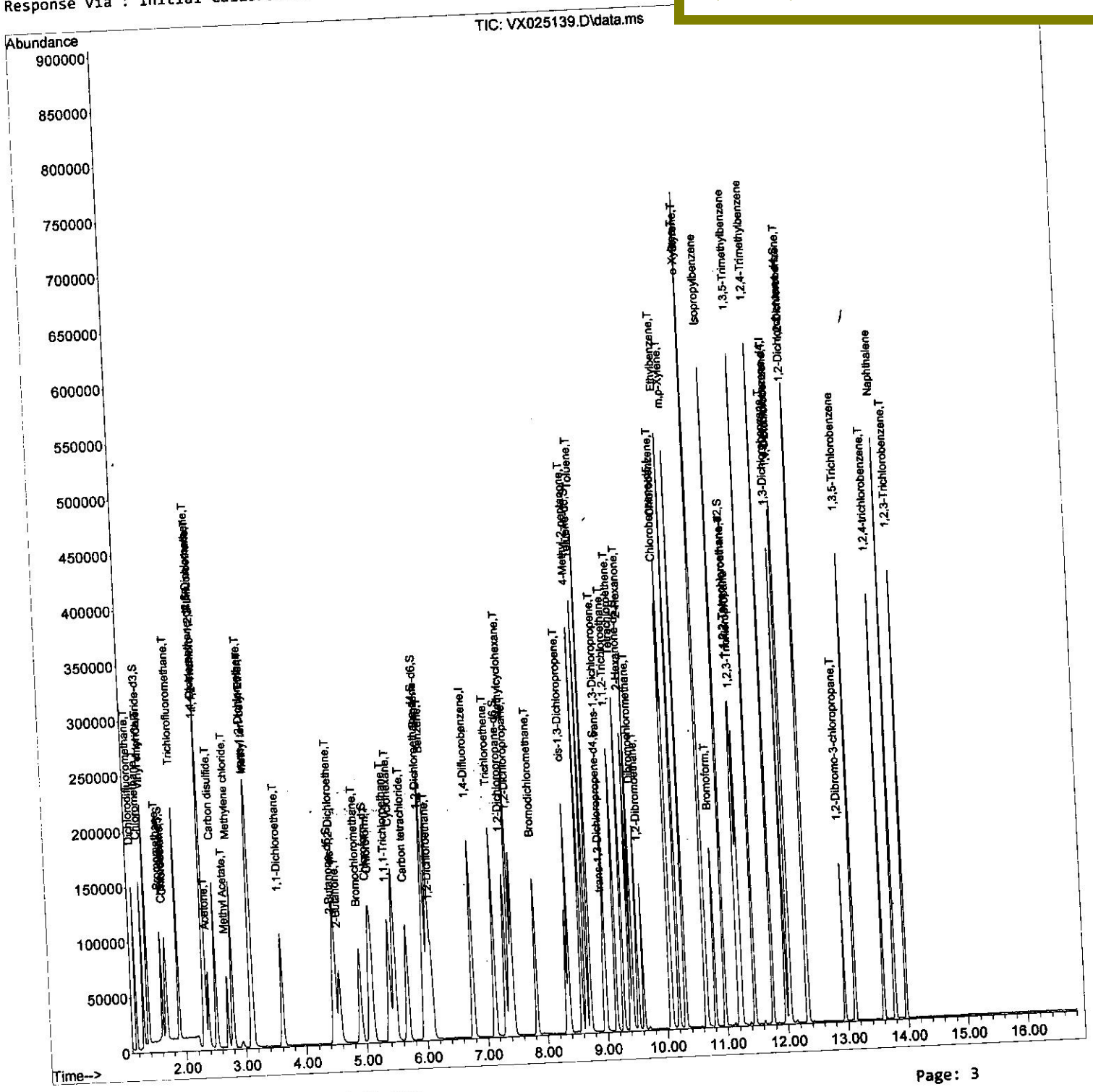
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
Data File : VX025139.D
Acq On : 11 Nov 2021 19:50
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 12 05:09:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 12 05:08:01 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/12/2021



SFAMXLM111121WMA.M Fri Nov 12 05:47:19 2021

Quantitation Report (Qedit)

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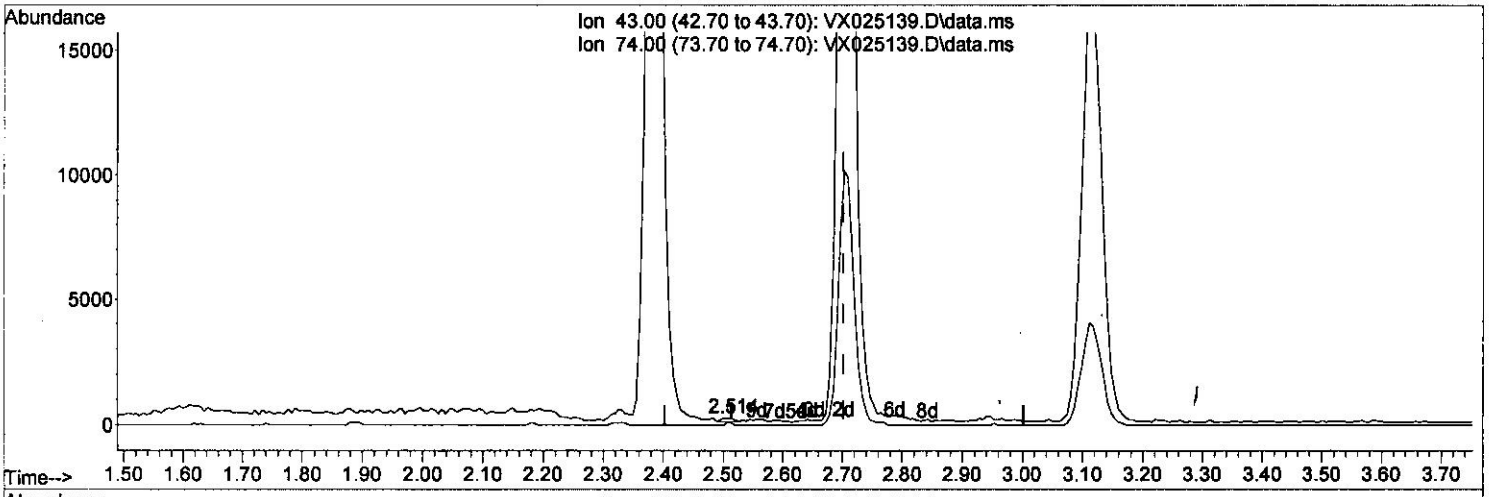

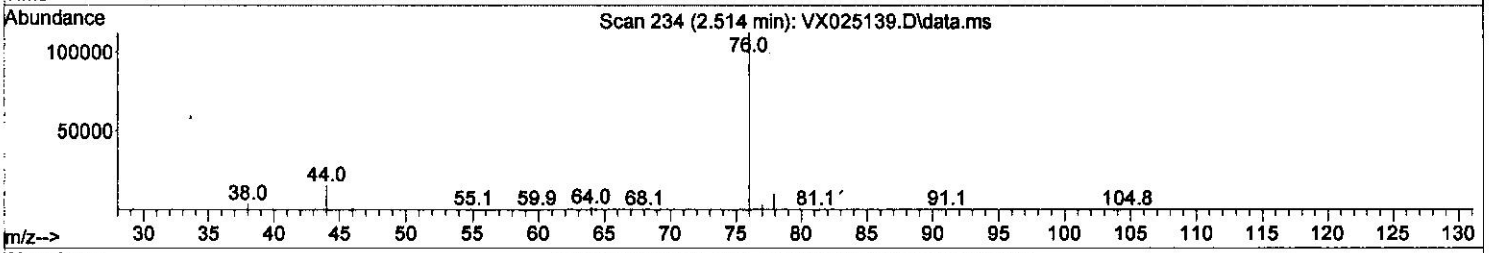

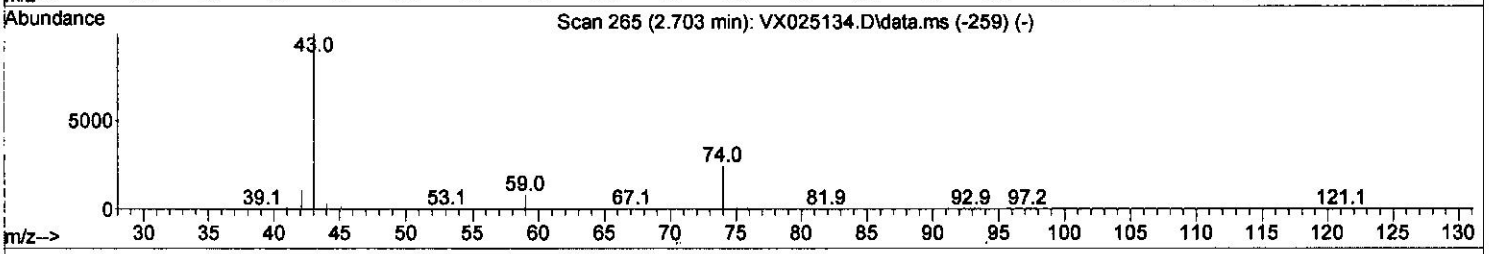

TIC: VX025139.D\data.ms

(15) Methyl Acetate (T)

2.514min (-0.189) 0.13 ug/L

response 189

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	35.70	36.51
0.00	0.00	0.00
0.00	0.00	0.00

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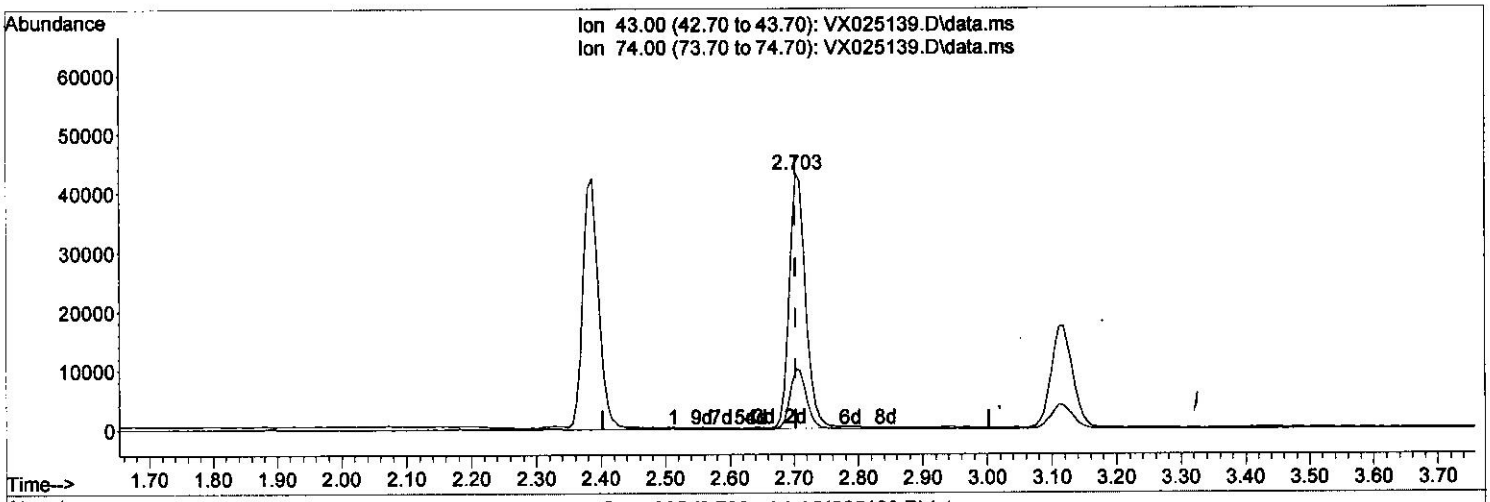

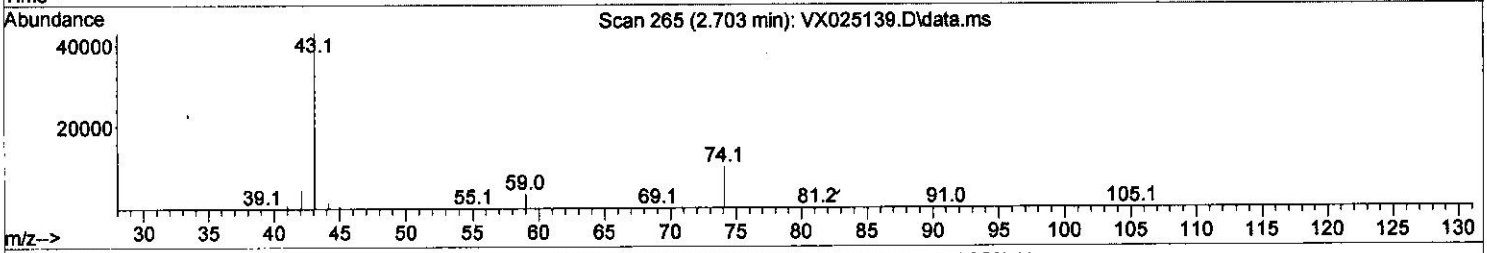

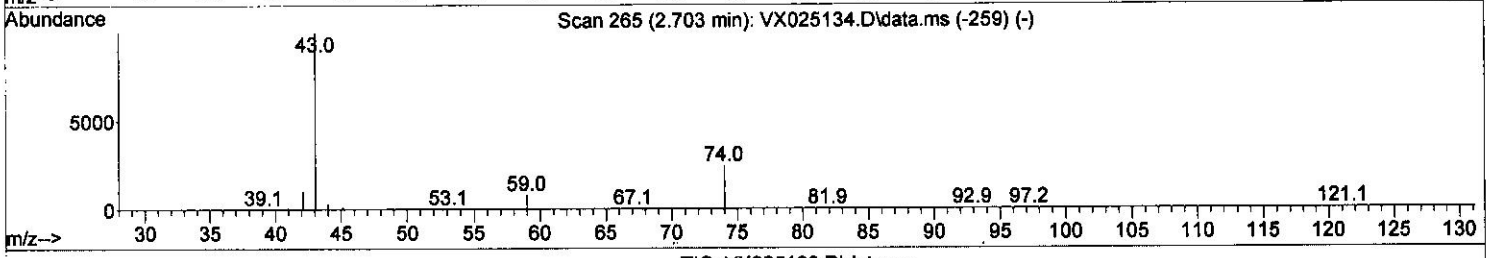

TIC: VX025139.D\data.ms

(15) Methyl Acetate (T)

2.703min (-0.000) 50.13 ug/L m

response 75785

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	35.70	0.09#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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LabSampleId :
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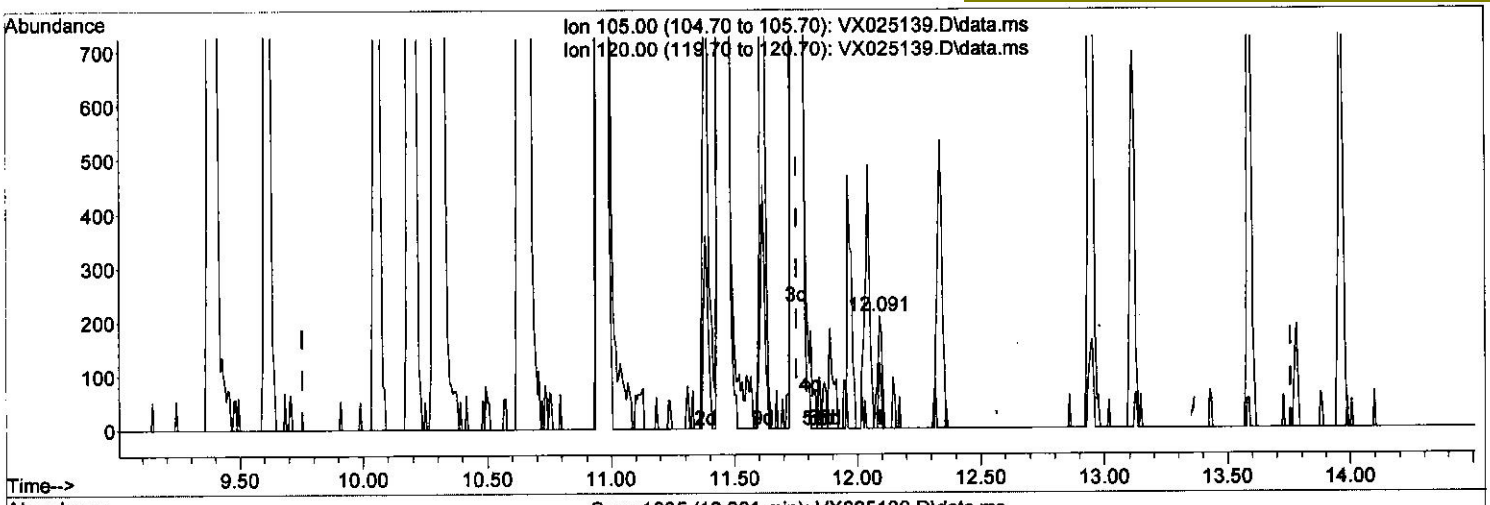

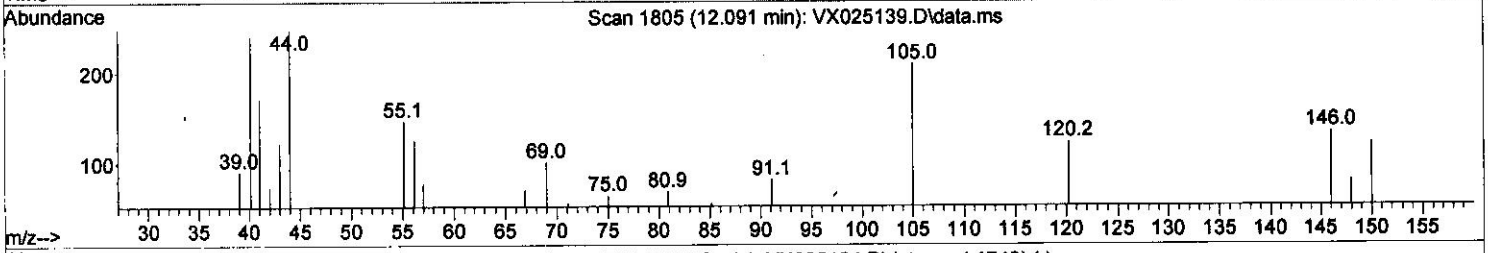

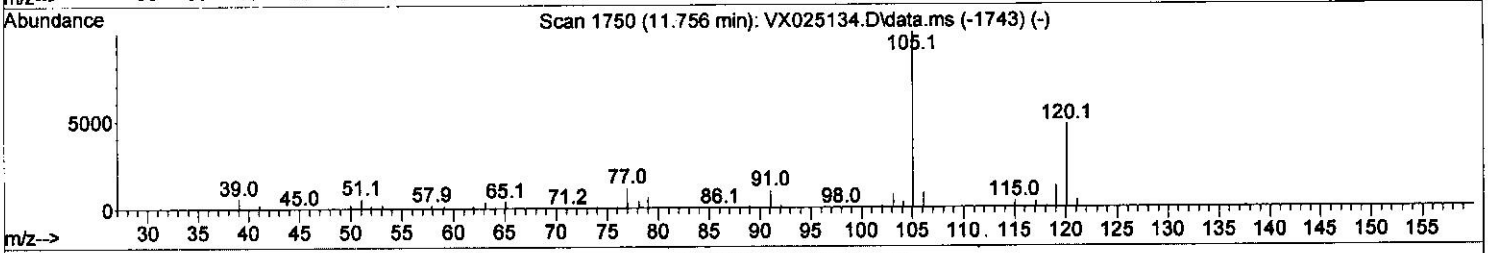

TIC: VX025139.D\data.ms

(63) 1,2,4-Trimethylbenzene

12.091min (+ 0.335) 0.05 ug/L

response 267

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	38.80	34.08
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Title : VOC Analysis
QLast Update : Fri Nov 12 05:08:01 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050EC

Manual IntegrationsAPPROVED

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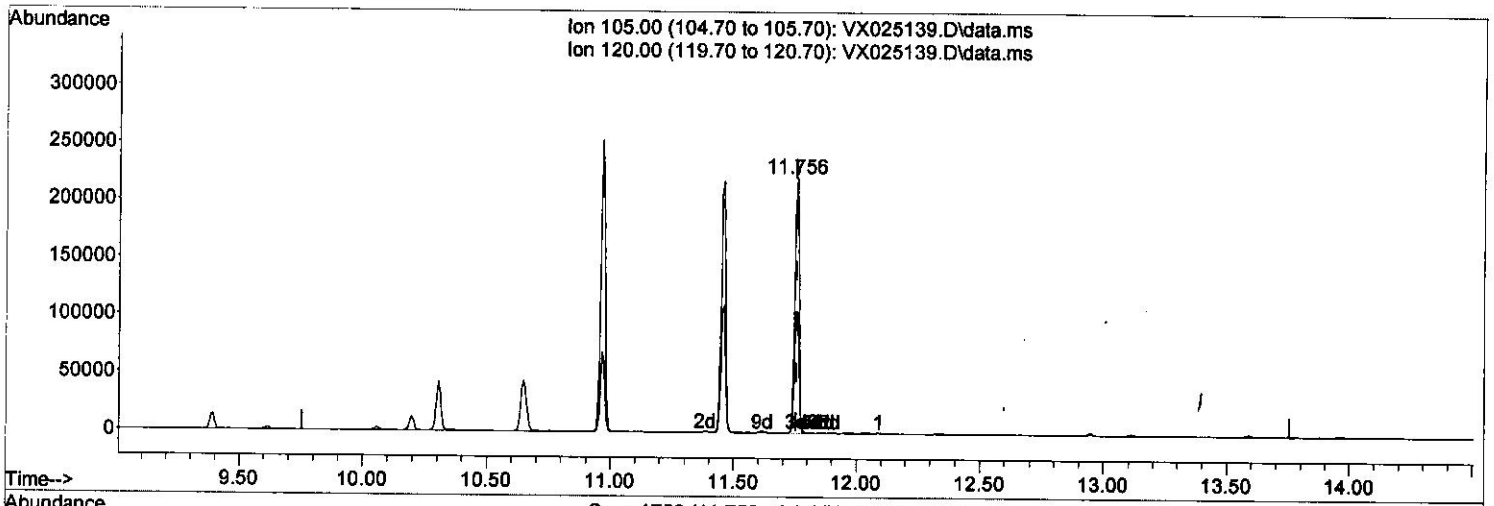

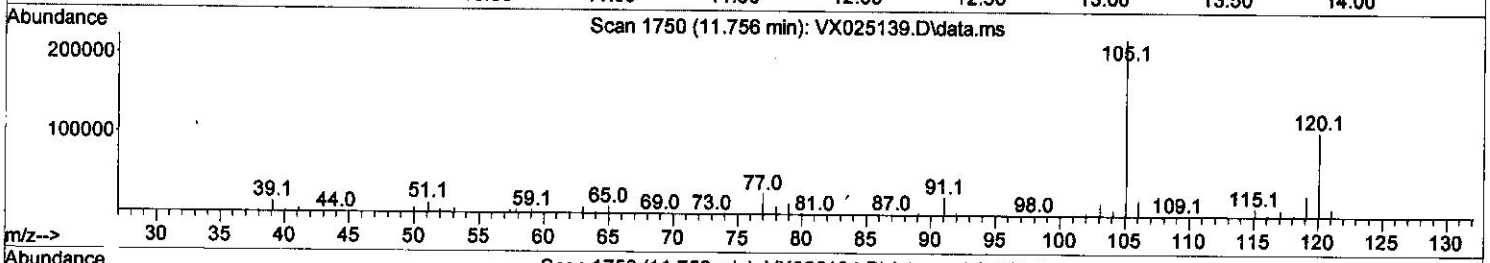

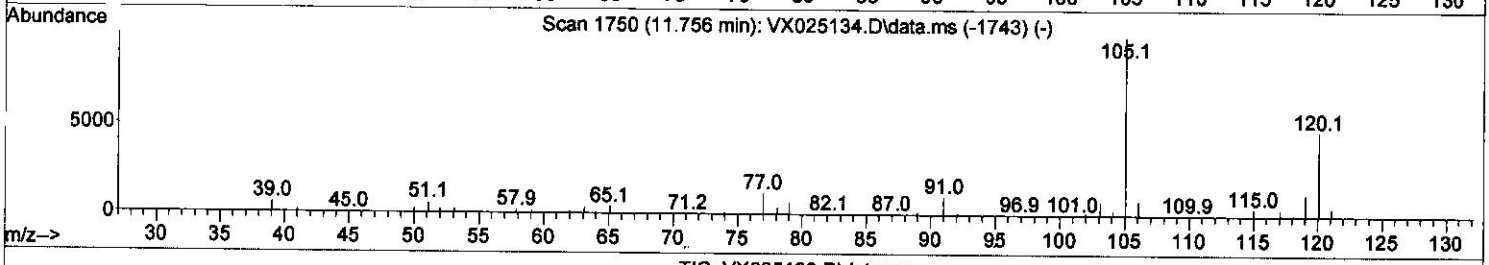

TIC: VX025139.D\data.ms

(63) 1,2,4-Trimethylbenzene

11.756min (-0.000) 48.94 ug/L m

response 267767

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	38.80	0.03#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.763	114	193879	50.000 ug/L	0.00
28) Chlorobenzene-d5	10.055	117	176301	50.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	89890	50.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.368	65	65791	50.229 ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.460%		
7) Chloroethane-d5	1.666	69	51867	69.480 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 138.960%#		
11) 1,1-Dichloroethene-d2	2.306	63	112265	49.834 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.660%		
21) 2-Butanone-d5	4.459	46	107388	108.493 ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.490%		
24) Chloroform-d	5.062	84	118386	51.378 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.760%		
26) 1,2-Dichloroethane-d4	5.958	65	70604	50.551 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.100%		
32) Benzene-d6	5.977	84	245930	51.110 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.220%		
36) 1,2-Dichloropropane-d6	7.312	67	75156	51.153 ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.300%		
41) Toluene-d8	8.653	98	228059	49.631 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.260%		
43) trans-1,3-Dichloroprop...	8.952	79	39639	49.700 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.400%		
47) 2-Hexanone-d5	9.384	63	83242	105.508 ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.510%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	107515	50.807 ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.620%		
66) 1,2-Dichlorobenzene-d4	12.323	152	91866	51.554 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.100%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	76657	50.590 ug/L	99
3) Chloromethane	1.288	50	81390	49.615 ug/L	90
5) Vinyl chloride	1.374	62	85166	50.345 ug/L	99
6) Bromomethane	1.605	94	34952	53.843 ug/L	96
8) Chloroethane	1.685	64	49926	58.772 ug/L	100
9) Trichlorofluoromethane	1.886	101	124509	50.424 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	63206	49.398 ug/L	96
12) 1,1-Dichloroethene	2.319	96	61363	49.640 ug/L	88
13) Acetone	2.386	43	70800	76.253 ug/L	99
14) Carbon disulfide	2.514	76	180726	47.450 ug/L	100
15) Methyl Acetate	2.703	43	75785m	50.134 ug/L	
16) Methylene chloride	2.788	84	66451	48.595 ug/L	82
17) trans-1,2-Dichloroethene	3.093	96	64915	48.354 ug/L	88
18) Methyl tert-butyl Ether	3.117	73	210634	50.197 ug/L #	89
19) 1,1-Dichloroethane	3.611	63	113145	49.824 ug/L	96
20) cis-1,2-Dichloroethene	4.495	96	73544	49.511 ug/L	99
22) 2-Butanone	4.562	43	113808	92.081 ug/L	85
23) Bromochloromethane	4.904	128	38242	50.007 ug/L #	75

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	5.099	83	116237	49.939	ug/L		100
27) 1,2-Dichloroethane	6.092	62	85700	50.217	ug/L	#	89
29) Cyclohexane	5.477	56	110036	48.853	ug/L		86
30) 1,1,1-Trichloroethane	5.391	97	108209	49.948	ug/L	#	94
31) Carbon tetrachloride	5.684	117	97250	50.837	ug/L		100
33) Benzene	6.044	78	268644	49.597	ug/L		100
34) Trichloroethene	7.129	95	69108	48.824	ug/L		83
35) Methylcyclohexane	7.385	83	115286	48.166	ug/L		93
37) 1,2-Dichloropropane	7.434	63	68040	50.144	ug/L		99
38) Bromodichloromethane	7.824	83	91095	49.610	ug/L		96
39) cis-1,3-Dichloropropene	8.372	75	108862	48.861	ug/L		98
40) 4-Methyl-2-pentanone	8.580	43	218848	101.484	ug/L	#	84
42) Toluene	8.720	91	292189	49.664	ug/L		98
44) trans-1,3-Dichloropropene	8.982	75	105983	48.878	ug/L		98
45) 1,1,2-Trichloroethane	9.153	97	68519	50.008	ug/L		99
46) Tetrachloroethene	9.275	164	58623	49.641	ug/L		89
48) 2-Hexanone	9.433	43	170907	96.688	ug/L	#	84
49) Dibromochloromethane	9.525	129	78743	50.344	ug/L		98
50) 1,2-Dibromoethane	9.610	107	73417	50.067	ug/L	#	97
51) Chlorobenzene	10.079	112	186652	49.376	ug/L		98
52) Ethylbenzene	10.195	91	312334	49.388	ug/L		92
53) m,p-Xylene	10.305	106	125264	48.992	ug/L		79
54) o-Xylene	10.646	106	124256	49.249	ug/L		85
55) Styrene	10.659	104	211402	49.344	ug/L		82
57) 1,1,2,2-Tetrachloroethane	11.213	83	106150	48.796	ug/L		97
59) Bromoform	10.805	173	60222	49.573	ug/L	#	94
60) Isopropylbenzene	10.963	105	320961	49.935	ug/L		95
61) 1,2,3-Trichloropropane	11.244	75	84023	49.641	ug/L		96
62) 1,3,5-Trimethylbenzene	11.457	105	271568	49.797	ug/L		88
63) 1,2,4-Trimethylbenzene	11.756	105	267767m	48.940	ug/L		
64) 1,3-Dichlorobenzene	11.969	146	144420	49.289	ug/L		96
65) 1,4-Dichlorobenzene	12.043	146	144212	49.263	ug/L		92
67) 1,2-Dichlorobenzene	12.335	146	144267	49.573	ug/L		95
68) 1,2-Dibromo-3-chloropr...	12.945	75	25314	51.710	ug/L	#	69
69) 1,3,5-Trichlorobenzene	13.116	180	104024	49.073	ug/L		96
70) 1,2,4-trichlorobenzene	13.591	180	95253	51.514	ug/L		96
71) Naphthalene	13.780	128	338924	54.053	ug/L		99
72) 1,2,3-Trichlorobenzene	13.963	180	96708	52.757	ug/L		95

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

MD 11/12/21