

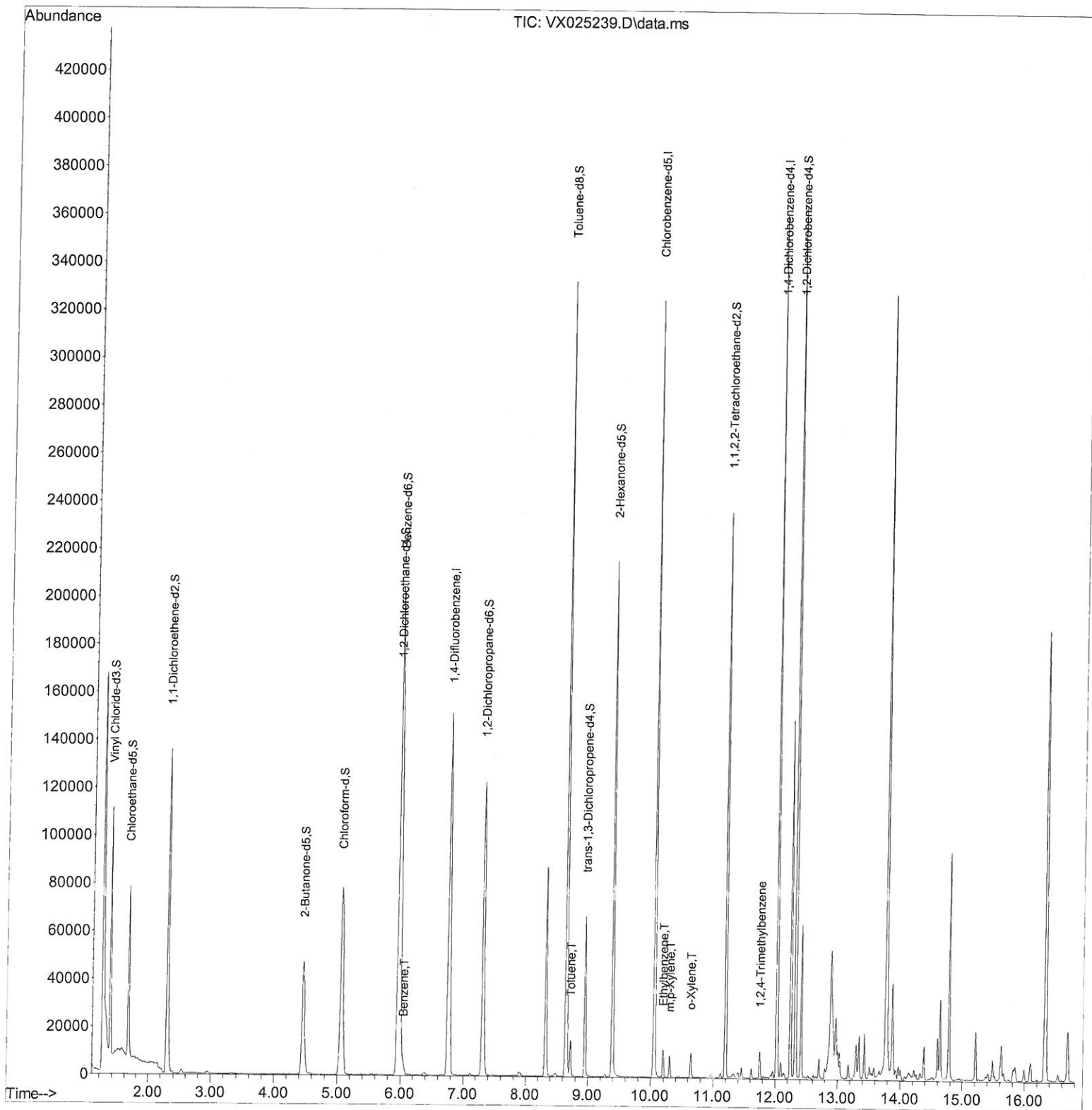
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025239.D
Acq On : 19 Nov 2021 17:29
Operator : JC/MD
Sample : M4779-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F4L17

Manual IntegrationsAPPROVED

Quant Time: Nov 22 00:14:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 22 00:11:59 2021
Response via : Initial Calibration

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/22/2021



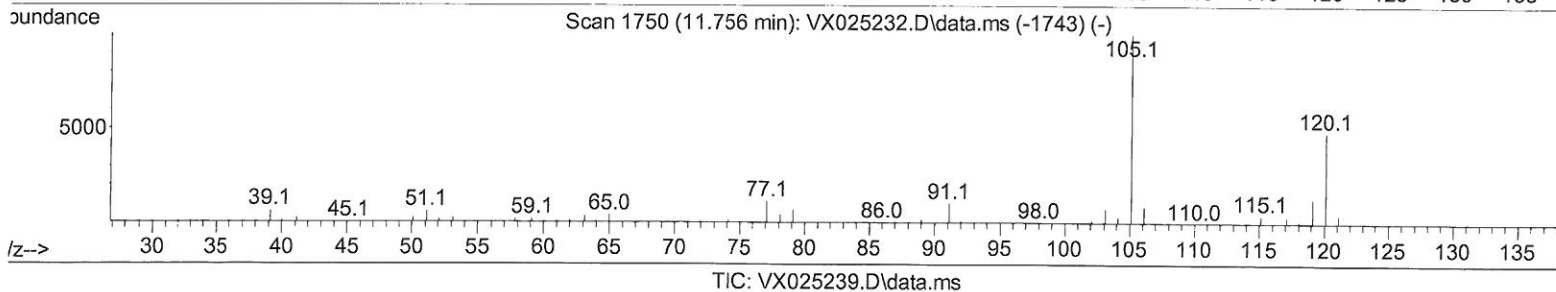
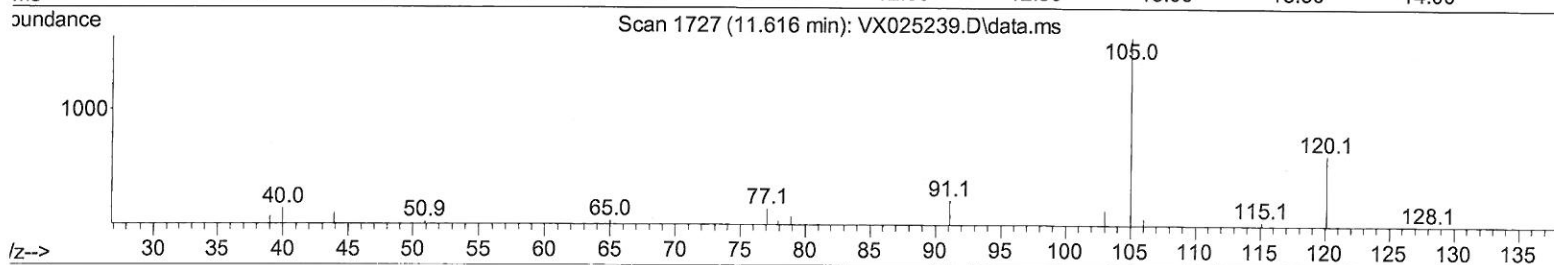
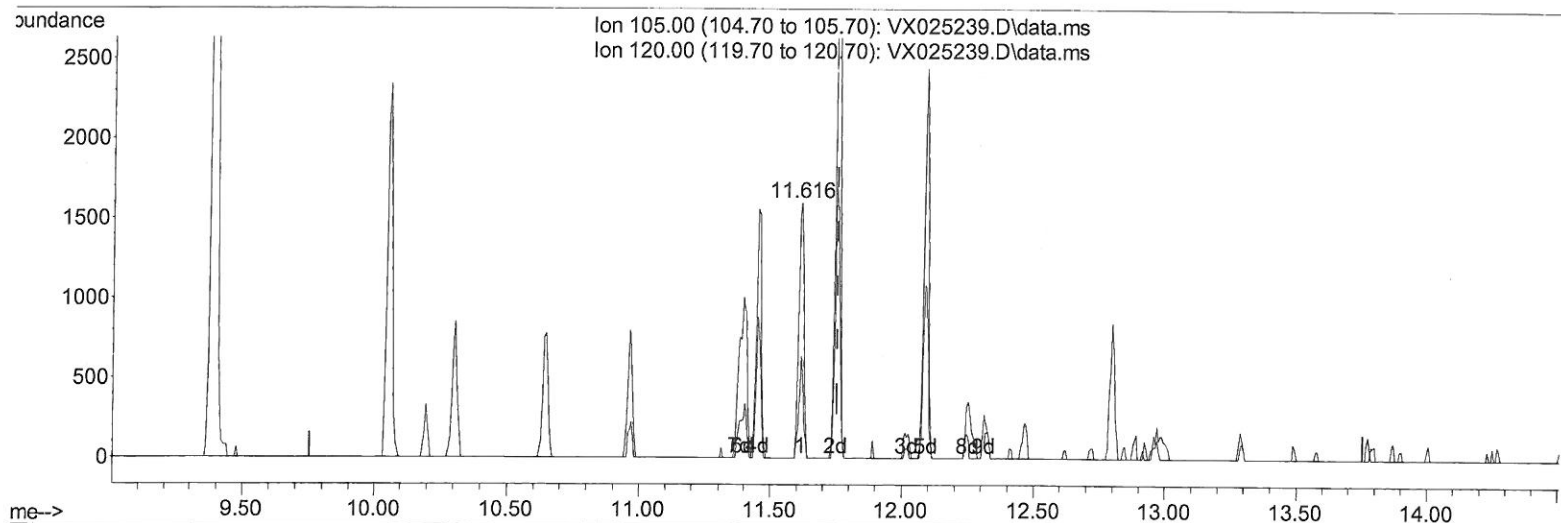
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(63) 1,2,4-Trimethylbenzene

11.616min (-0.140) 0.46 ug/L

response 2110

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	38.80	35.07
0.00	0.00	0.00
0.00	0.00	0.00

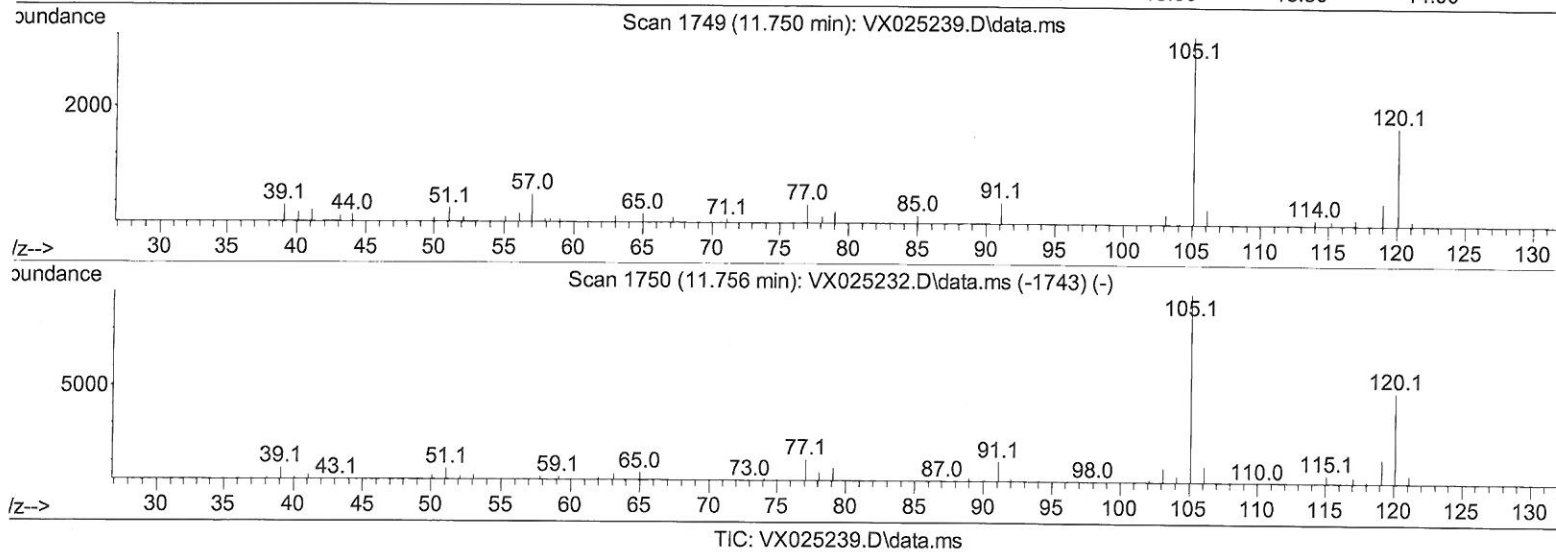
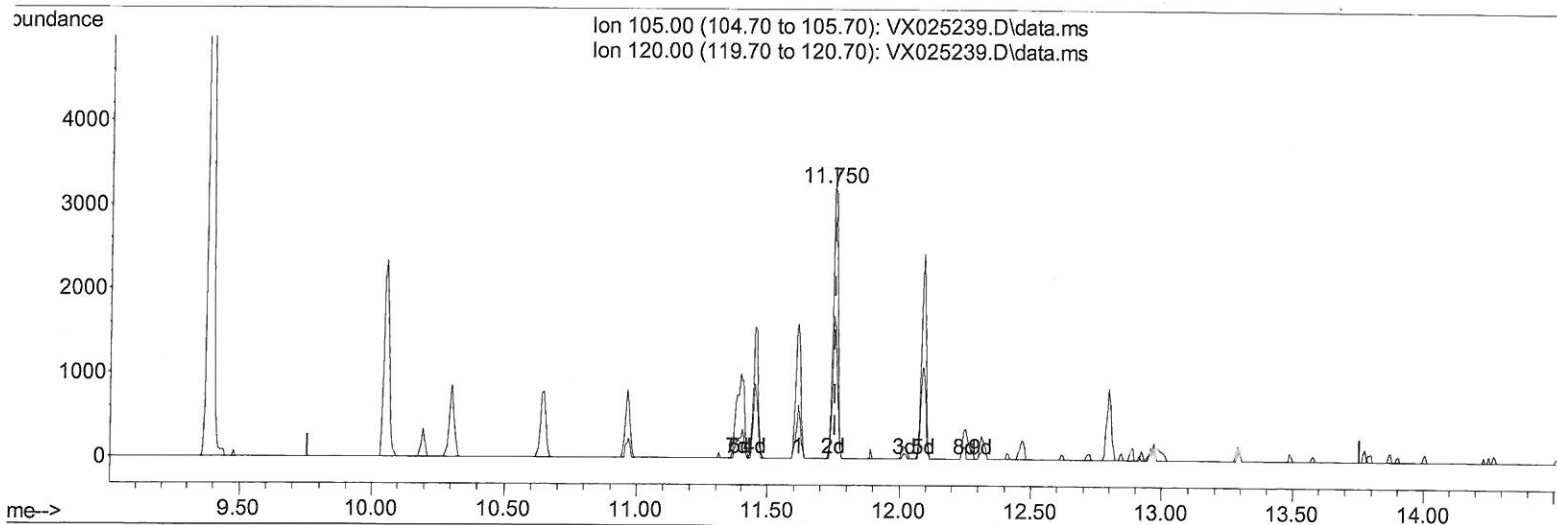
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(63) 1,2,4-Trimethylbenzene

11.750min (-0.006) 0.91 ug/L m

response 4184

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	38.80	17.69#
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	164419	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	149524	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75303	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60615	54.569	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.140%			
7) Chloroethane-d5	1.666	69	48604	76.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 153.560%#			
11) 1,1-Dichloroethene-d2	2.306	63	74526	39.010	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.020%			
21) 2-Butanone-d5	4.458	46	83530	99.510	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.510%			
24) Chloroform-d	5.062	84	97817	50.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.120%			
26) 1,2-Dichloroethane-d4	5.958	65	61042	51.536	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.080%			
32) Benzene-d6	5.976	84	210398	51.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.120%			
36) 1,2-Dichloropropane-d6	7.312	67	64172	51.499	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.000%			
41) Toluene-d8	8.653	98	196165	50.335	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.660%			
43) trans-1,3-Dichloroprop...	8.952	79	30451	45.017	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.040%			
47) 2-Hexanone-d5	9.384	63	62605	93.561	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.560%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	88581	49.356	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.720%			
66) 1,2-Dichlorobenzene-d4	12.323	152	78507	52.592	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.180%			
Target Compounds						
33) Benzene	6.044	78	5649	1.230	ug/L	100
42) Toluene	8.720	91	9766	1.957	ug/L	98
52) Ethylbenzene	10.195	91	6824	1.272	ug/L	100
53) m,p-Xylene	10.299	106	2292	1.057	ug/L	84
54) o-Xylene	10.640	106	2418	1.130	ug/L	79
63) 1,2,4-Trimethylbenzene	11.750	105	4184m	0.913	ug/L	79

MD
 11/23/21

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