

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025240.D
 Acq On : 19 Nov 2021 17:52
 Operator : JC/MD
 Sample : M4779-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F4L18

Quant Time: Nov 22 00:15:10 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	164805	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	149396	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75045	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	54929	49.335	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.660%		
7) Chloroethane-d5	1.666	69	44695	70.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	140.880%#		
11) 1,1-Dichloroethene-d2	2.307	63	66105	34.521	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.040%		
21) 2-Butanone-d5	4.459	46	75306	89.503	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.500%		
24) Chloroform-d	5.062	84	90745	46.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.660%		
26) 1,2-Dichloroethane-d4	5.958	65	57429	48.372	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.740%		
32) Benzene-d6	5.977	84	192214	47.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.280%		
36) 1,2-Dichloropropane-d6	7.312	67	57539	46.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.440%		
41) Toluene-d8	8.653	98	177585	45.606	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.220%		
43) trans-1,3-Dichloroprop...	8.952	79	27607	40.847	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.700%		
47) 2-Hexanone-d5	9.385	63	58109	86.917	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.920%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	80952	45.144	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.280%		
66) 1,2-Dichlorobenzene-d4	12.323	152	71767	48.242	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.480%		
Target Compounds					Qvalue	
33) Benzene	6.044	78	4863	1.059	ug/L	100
42) Toluene	8.720	91	7674	1.539	ug/L	95
52) Ethylbenzene	10.195	91	4952	0.924	ug/L	93
54) o-Xylene	10.647	106	2131	0.997	ug/L	69
63) 1,2,4-Trimethylbenzene	11.756	105	3247m	0.711	ug/L	

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

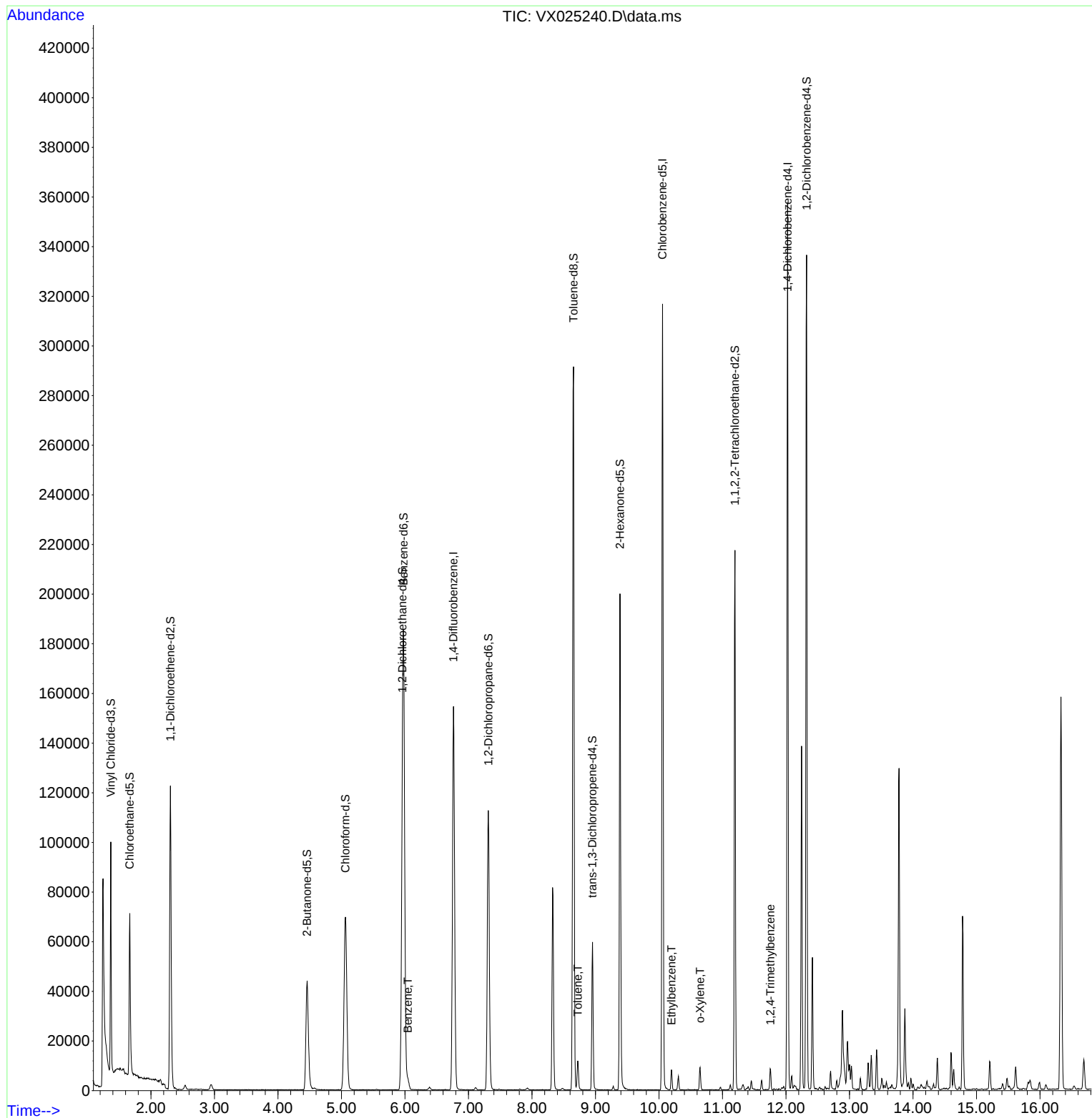
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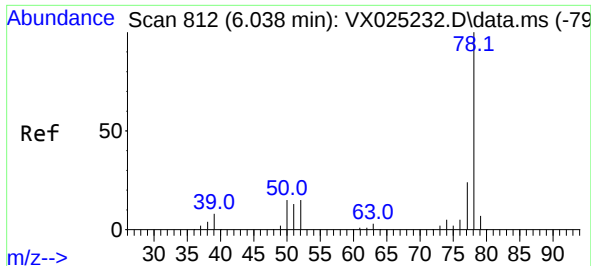
Instrument :
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ClientSampleId :
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Quant Time: Nov 22 00:15:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
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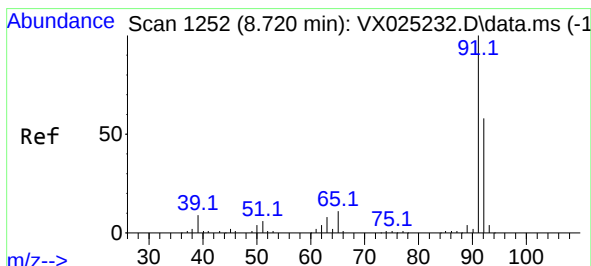
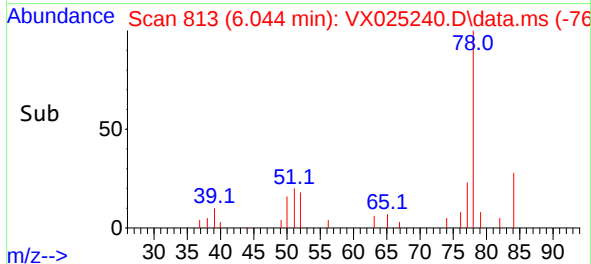
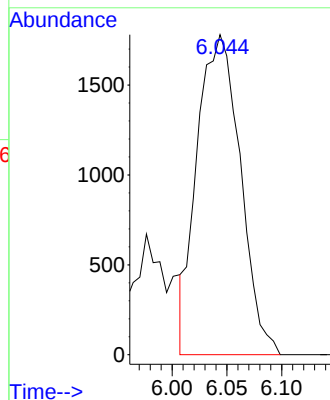
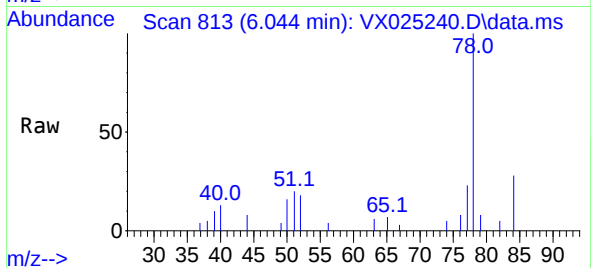
#33
Benzene
Concen: 1.059 ug/L
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX025240.D
Acq: 19 Nov 2021 17:52

Instrument :
MSVOA_X
ClientSampleId :
F4L18

Tgt Ion: 78 Resp: 486

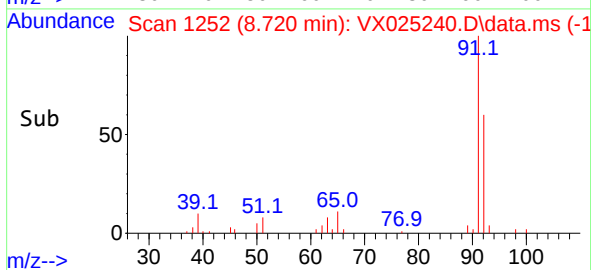
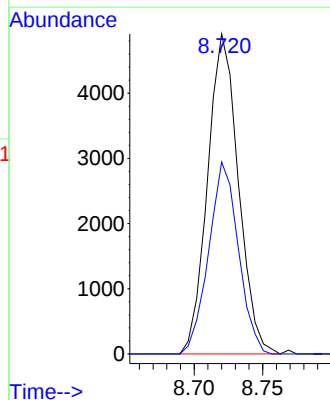
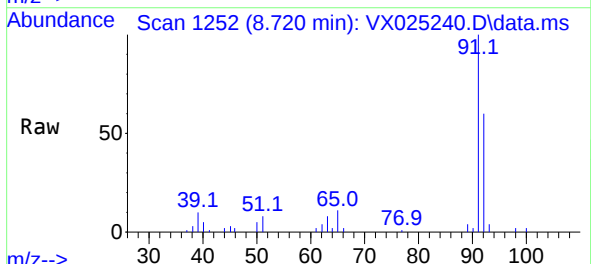
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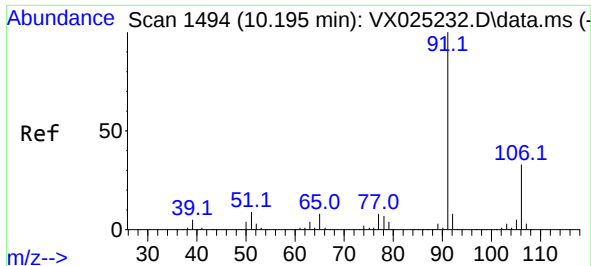
Reviewed By :John Carlone 11/22/2021
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#42
Toluene
Concen: 1.539 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025240.D
Acq: 19 Nov 2021 17:52

Tgt Ion: 91 Resp: 7674
Ion Ratio Lower Upper
91 100
92 60.0 39.3 72.9





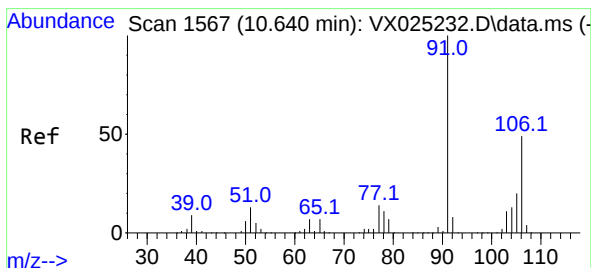
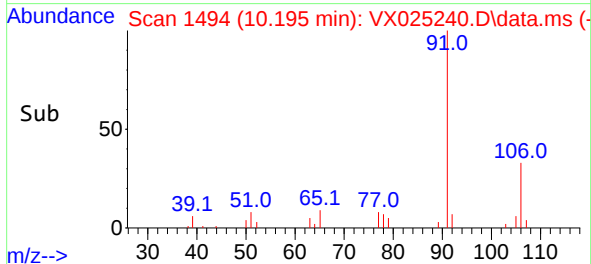
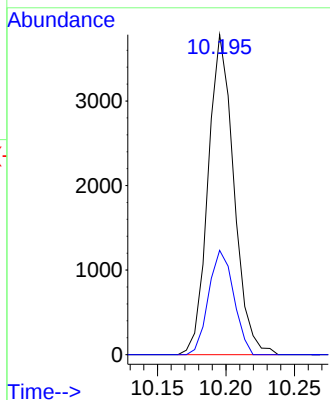
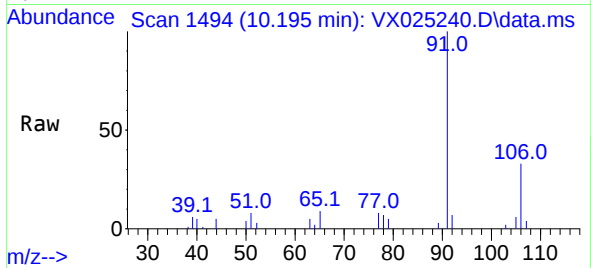
#52
Ethylbenzene
Concen: 0.924 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025240.D
Acq: 19 Nov 2021 17:52

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 91 Resp: 4952
Ion Ratio Lower Upper
91 100
106 32.6 20.2 37.6

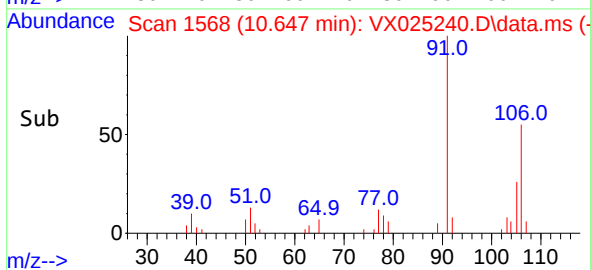
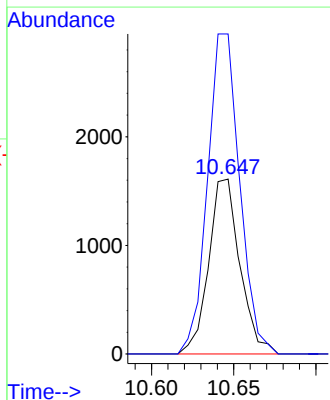
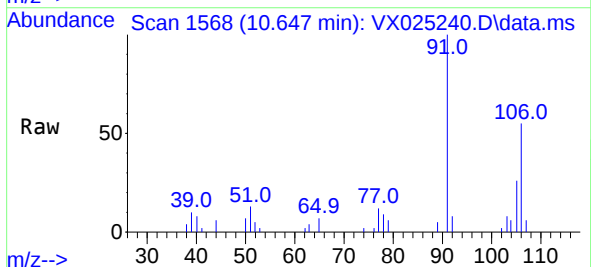
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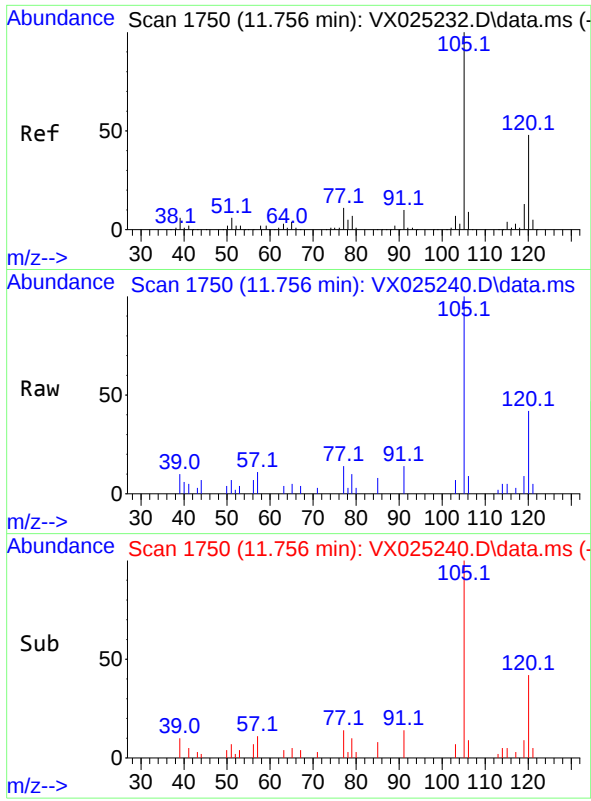
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#54
o-Xylene
Concen: 0.997 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025240.D
Acq: 19 Nov 2021 17:52

Tgt Ion:106 Resp: 2131
Ion Ratio Lower Upper
106 100
91 182.9 164.4 305.4





#63
1,2,4-Trimethylbenzene
Concen: 0.711 ug/L m
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025240.D
Acq: 19 Nov 2021 17:52

Instrument :
MSVOA_X
ClientSampleId :
F4L18

Tgt Ion:105 Resp: 324
Ion Ratio Lower Upper
105 100
120 21.0 31.0 46.6

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