

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025238.D
 Acq On : 19 Nov 2021 17:06
 Operator : JC/MD
 Sample : M4779-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F4L16

Manual Integrations
 APPROVED

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

Quant Time: Nov 22 00:14:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 22 00:11:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	100374	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	95368	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	51000	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	36209	53.397	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.800%			
7) Chloroethane-d5	1.660	69	29690	76.823	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 153.640%#			
11) 1,1-Dichloroethene-d2	2.300	63	43666	37.440	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.880%			
21) 2-Butanone-d5	4.459	46	75750	147.822	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 147.820%#			
24) Chloroform-d	5.062	84	61145	51.256	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.520%			
26) 1,2-Dichloroethane-d4	5.958	65	38689	53.505	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.020%			
32) Benzene-d6	5.977	84	127890	49.134	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.260%			
36) 1,2-Dichloropropane-d6	7.312	67	38655	48.637	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.280%			
41) Toluene-d8	8.653	98	119393	48.032	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.060%			
43) trans-1,3-Dichloroprop...	8.952	79	18990	44.016	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.040%			
47) 2-Hexanone-d5	9.384	63	57667	135.121	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 135.120%#			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	61508	53.733	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.460%			
66) 1,2-Dichlorobenzene-d4	12.323	152	50664	50.113	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.220%			
Target Compounds					Qvalue	
13) Acetone	2.380	43	8226	17.113	ug/L	95
14) Carbon disulfide	2.514	76	6122	3.105	ug/L	100
33) Benzene	6.044	78	697347	238.000	ug/L	100
42) Toluene	8.720	91	1908169	599.579	ug/L	95
52) Ethylbenzene	10.195	91	1758253	513.972	ug/L	92
53) m,p-Xylene	10.305	106	759023	548.789	ug/L	77
54) o-Xylene	10.646	106	433429	317.576	ug/L	80
55) Styrene	10.659	104	132508	57.177	ug/L	91
60) Isopropylbenzene	10.963	105	75940	20.824	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	171645	55.475	ug/L	88
63) 1,2,4-Trimethylbenzene	11.756	105	588172m	189.475	ug/L	

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

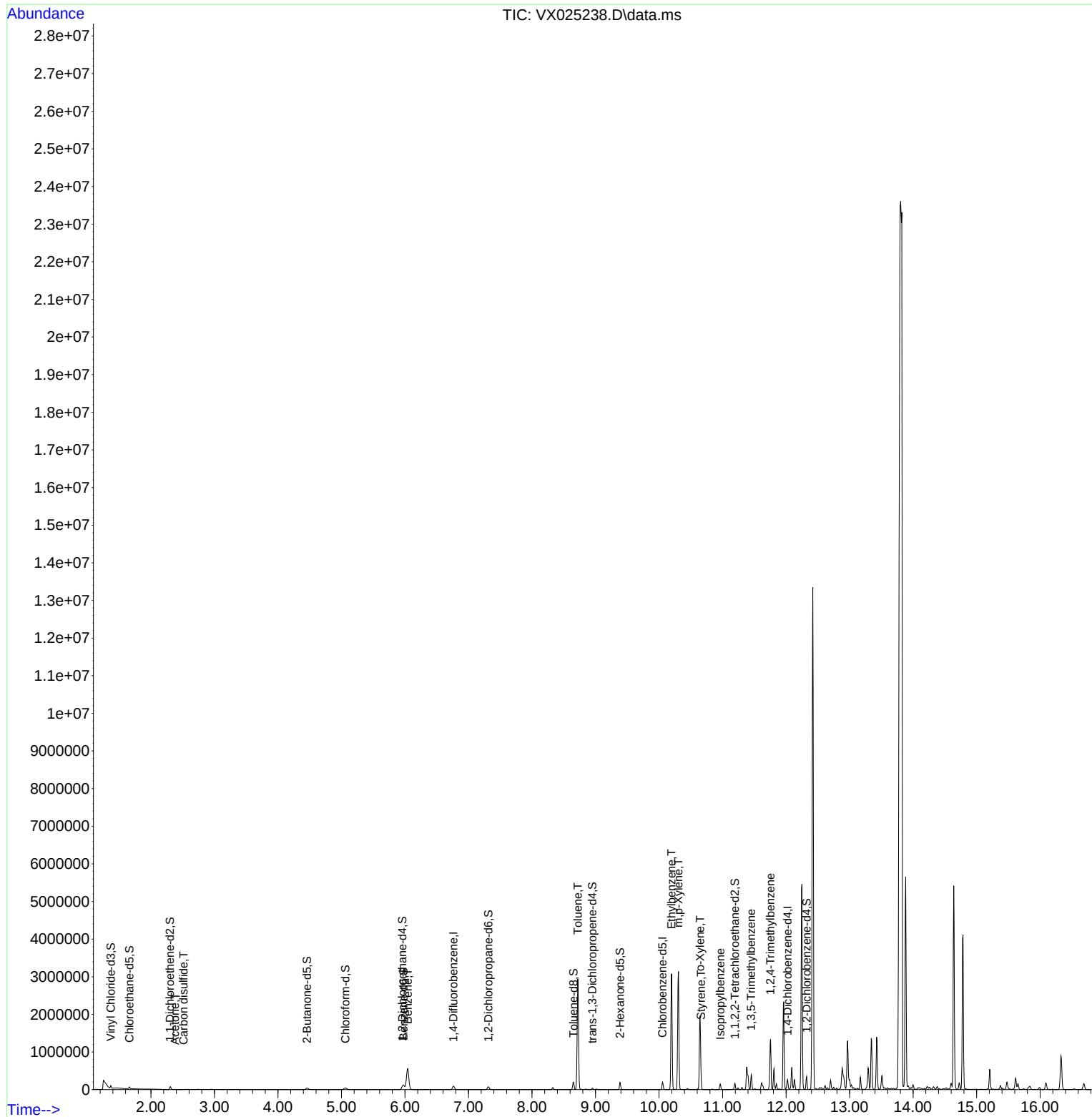
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025238.D
Acq On : 19 Nov 2021 17:06
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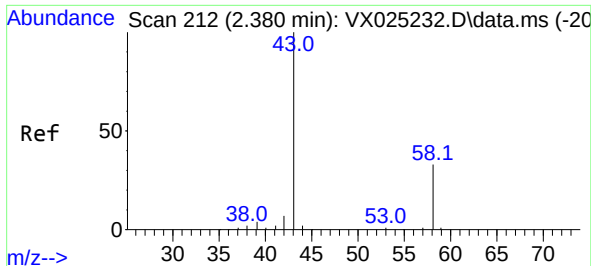
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
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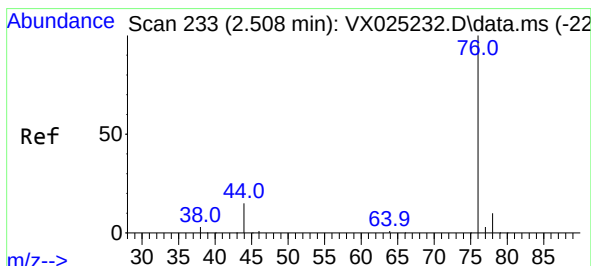
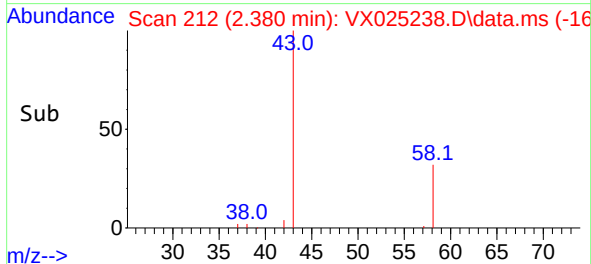
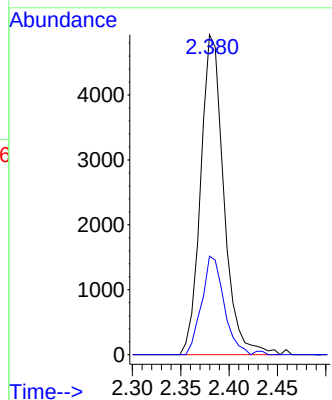
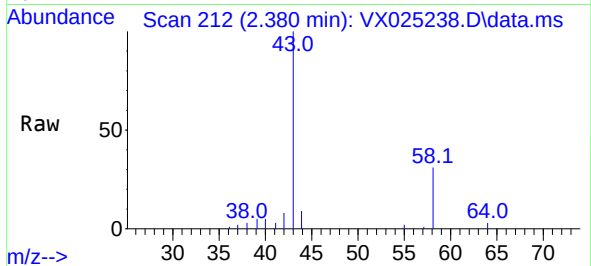
#13
Acetone
Concen: 17.113 ug/L
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025238.D
Acq: 19 Nov 2021 17:06

Instrument :
MSVOA_X
ClientSampleId :
F4L16

Tgt Ion: 43 Resp: 8220
Ion Ratio Lower Upper
43 100
58 29.6 0.0 64.8

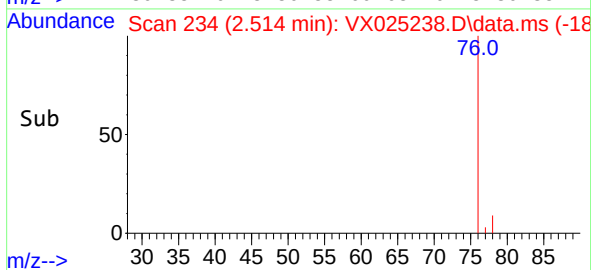
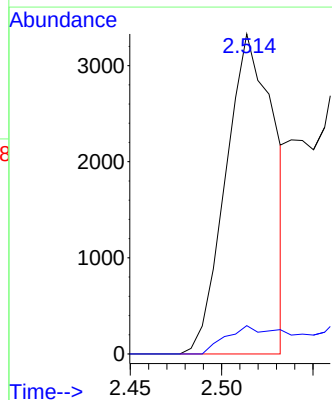
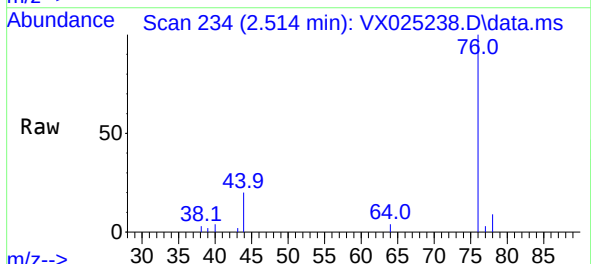
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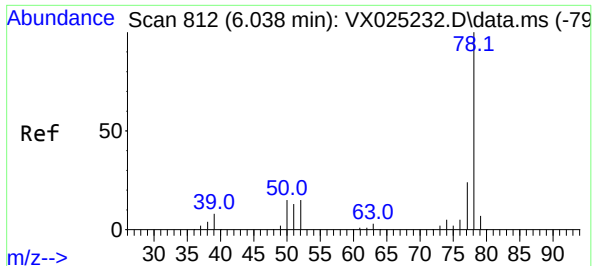
Reviewed By :John Carlone 11/22/2021
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#14
Carbon disulfide
Concen: 3.105 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX025238.D
Acq: 19 Nov 2021 17:06

Tgt Ion: 76 Resp: 6122
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8





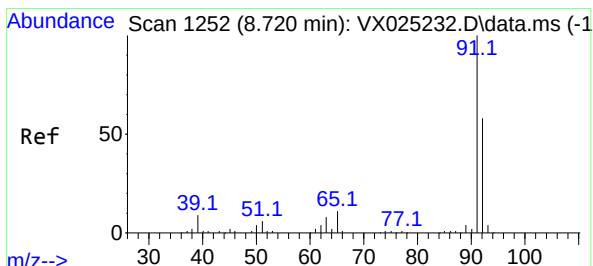
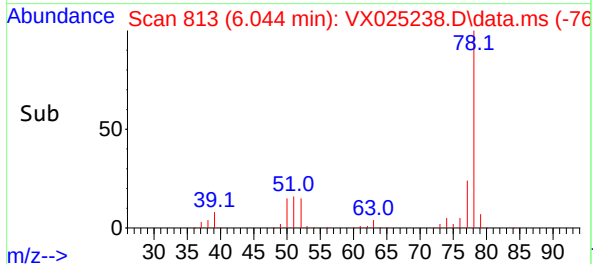
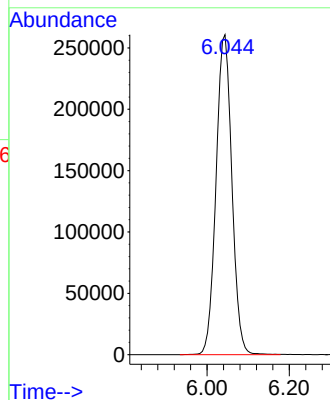
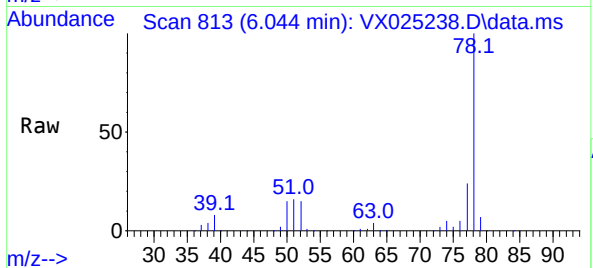
#33
Benzene
Concen: 238.000 ug/L
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX025238.D
Acq: 19 Nov 2021 17:06

Instrument :
MSVOA_X
ClientSampleId :
F4L16

Tgt Ion: 78 Resp: 69734

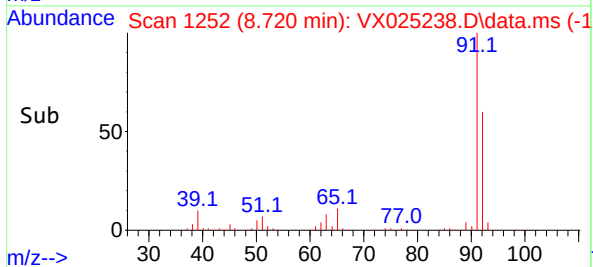
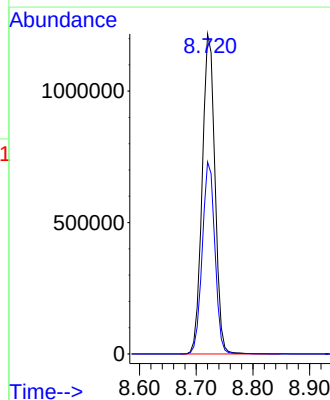
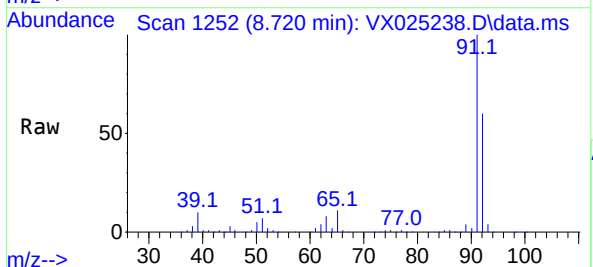
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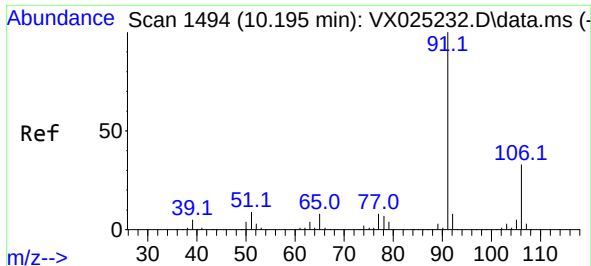
Reviewed By :John Carlone 11/22/2021
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#42
Toluene
Concen: 599.579 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025238.D
Acq: 19 Nov 2021 17:06

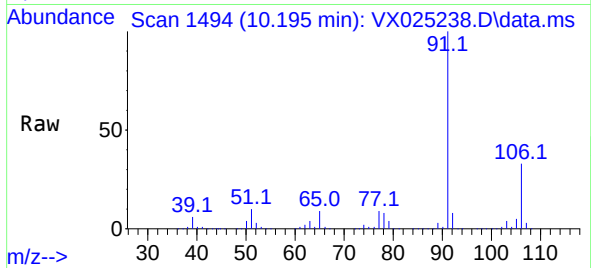
Tgt Ion: 91 Resp: 1908169
Ion Ratio Lower Upper
91 100
92 60.0 39.3 72.9





#52
Ethylbenzene
Concen: 513.972 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025238.D
Acq: 19 Nov 2021 17:06

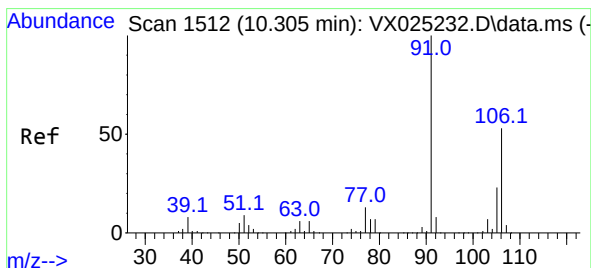
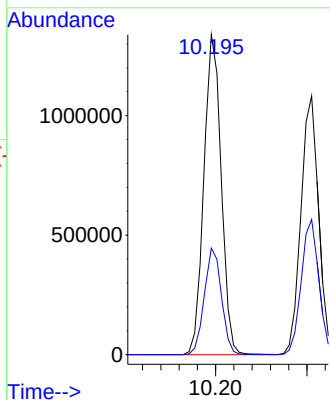
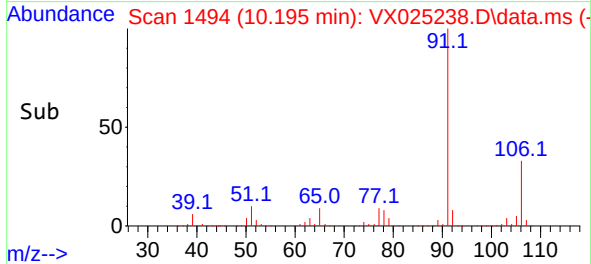
Instrument :
MSVOA_X
ClientSampleId :
F4L16



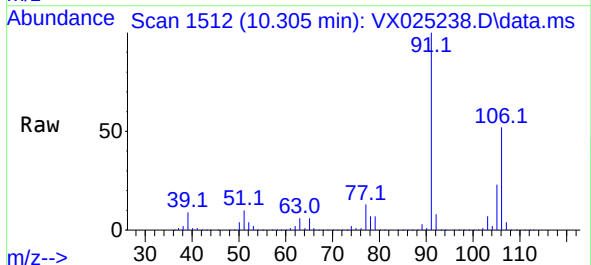
Tgt Ion: 91 Resp: 175825
Ion Ratio Lower Upper
91 100
106 33.3 20.2 37.6

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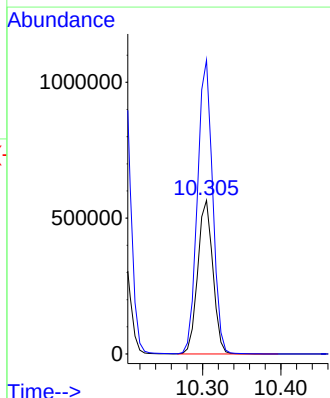
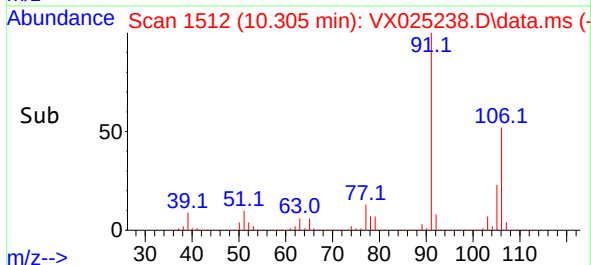
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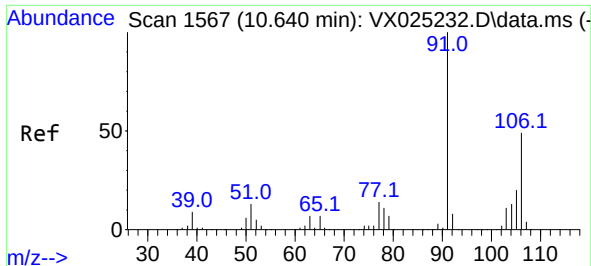


#53
m,p-Xylene
Concen: 548.789 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025238.D
Acq: 19 Nov 2021 17:06



Tgt Ion:106 Resp: 759023
Ion Ratio Lower Upper
106 100
91 191.3 160.2 297.6





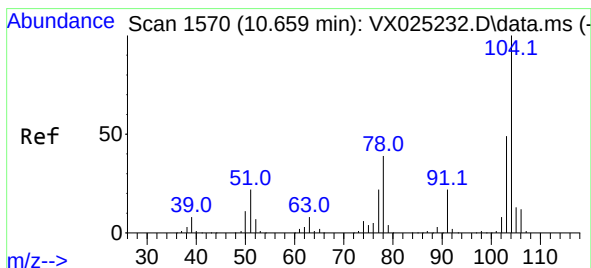
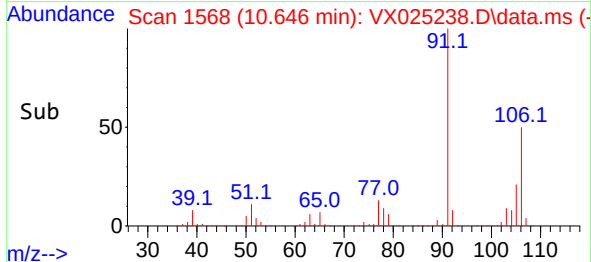
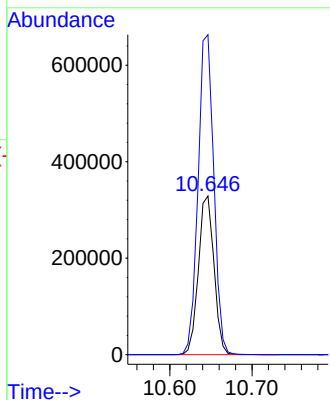
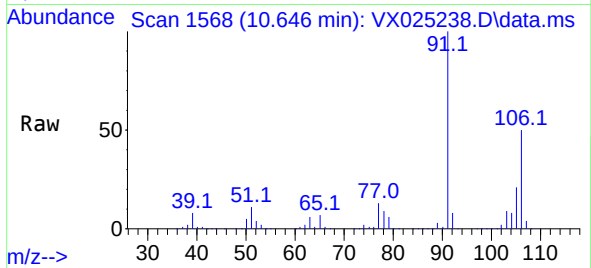
#54
o-Xylene
Concen: 317.576 ug/L
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX025238.D
Acq: 19 Nov 2021 17:06

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:106 Resp: 433429
Ion Ratio Lower Upper
106 100
91 201.7 164.4 305.4

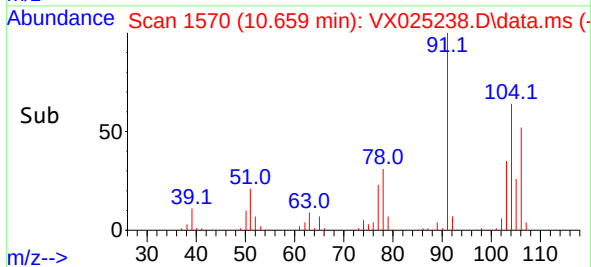
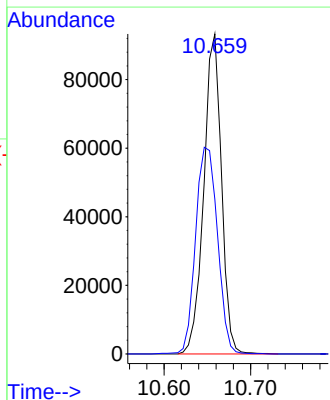
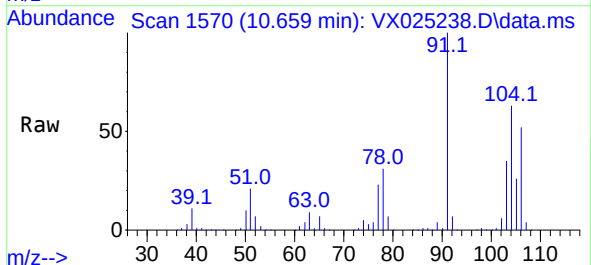
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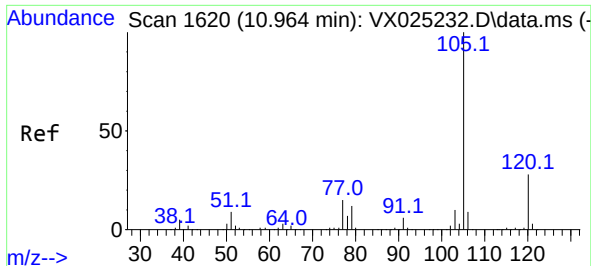
Reviewed By :John Carlone 11/22/2021
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#55
Styrene
Concen: 57.177 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025238.D
Acq: 19 Nov 2021 17:06

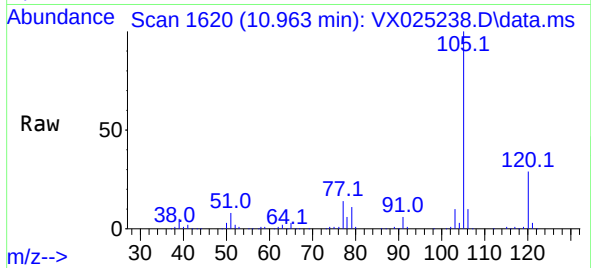
Tgt Ion:104 Resp: 132508
Ion Ratio Lower Upper
104 100
78 48.4 38.2 71.0





#60
Isopropylbenzene
Concen: 20.824 ug/L
RT: 10.963 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX025238.D
Acq: 19 Nov 2021 17:06

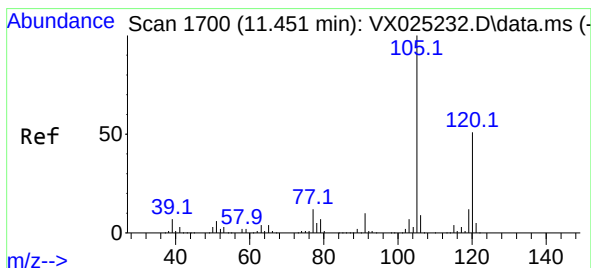
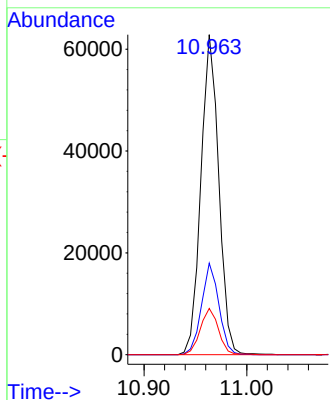
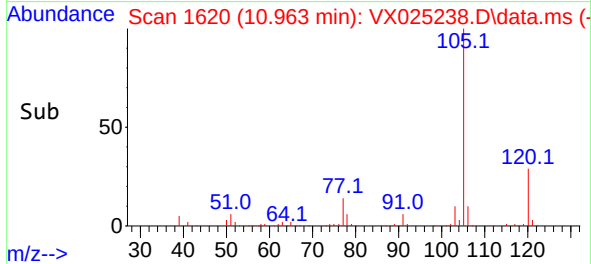
Instrument :
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ClientSampleId :
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Tgt Ion:105 Resp: 75940
Ion Ratio Lower Upper
105 100
120 27.9 19.8 29.6
77 14.7 13.2 19.8

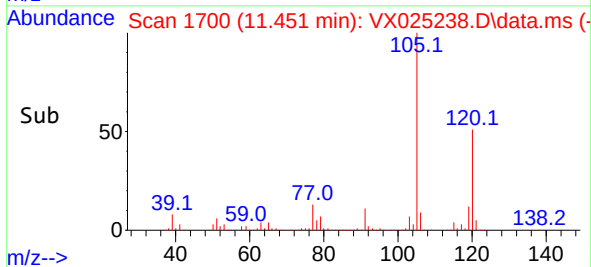
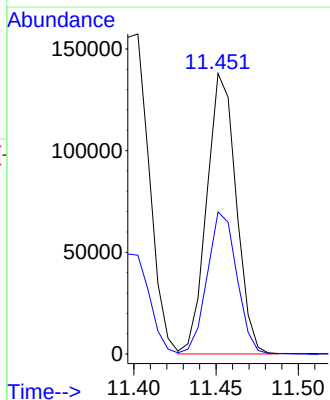
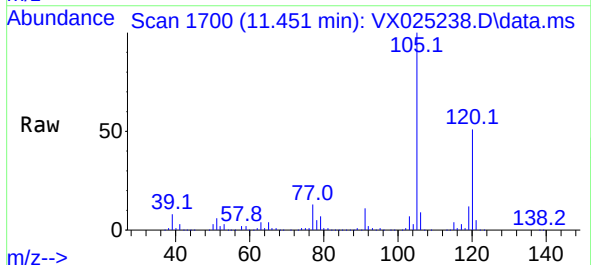
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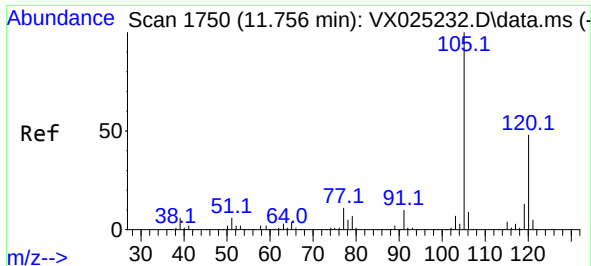
Reviewed By :John Carlone 11/22/2021
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#62
1,3,5-Trimethylbenzene
Concen: 55.475 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025238.D
Acq: 19 Nov 2021 17:06

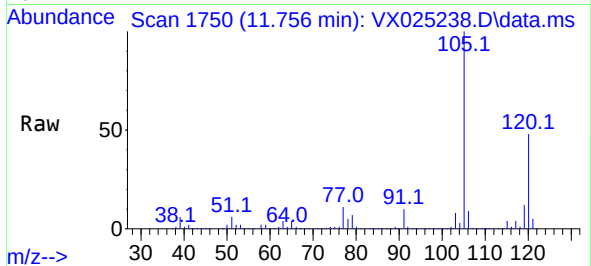
Tgt Ion:105 Resp: 171645
Ion Ratio Lower Upper
105 100
120 50.9 34.4 51.6





#63
 1,2,4-Trimethylbenzene
 Concen: 189.475 ug/L m
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025238.D
 Acq: 19 Nov 2021 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 F4L16



Tgt Ion:105 Resp: 588172
 Ion Ratio Lower Upper
 105 100
 120 4.8 31.0 46.6

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