

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025568.D
 Acq On : 07 Dec 2021 10:42
 Operator : JC/MD
 Sample : M4881-01ME
 Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW9D7ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Mahesh Dadoda 12/09/2021

Quant Time: Dec 08 05:32:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 05:26:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	91427	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	81463	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	41828	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24806	39.757	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.520%		
7) Chloroethane-d5	1.648	69	13734	26.670	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	53.340%#		
11) 1,1-Dichloroethene-d2	2.282	63	38180	38.377	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.760%		
21) 2-Butanone-d5	4.489	46	42156	90.762	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.760%		
24) Chloroform-d	5.062	84	53344	48.918	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.840%		
26) 1,2-Dichloroethane-d4	5.958	65	34968	51.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.900%		
32) Benzene-d6	5.970	84	111555	51.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.340%		
36) 1,2-Dichloropropane-d6	7.312	67	33306	49.825	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.660%		
41) Toluene-d8	8.647	98	102384	50.241	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.480%		
43) trans-1,3-Dichloroprop...	8.952	79	12736	37.896	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.800%		
47) 2-Hexanone-d5	9.397	63	30103	86.513	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.510%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	46197	48.900	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.800%		
66) 1,2-Dichlorobenzene-d4	12.323	152	41769	50.914	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.820%		
Target Compounds					Qvalue	
13) Acetone	2.416	43	1480m	3.875	ug/L	
29) Cyclohexane	5.458	56	4622	5.538	ug/L	96
35) Methylcyclohexane	7.379	83	18818	20.888	ug/L	97
42) Toluene	8.720	91	9526	3.969	ug/L	98
52) Ethylbenzene	10.195	91	2841	1.101	ug/L	93
53) m,p-Xylene	10.305	106	5865	5.613	ug/L	91
54) o-Xylene	10.646	106	4925	4.709	ug/L	95
60) Isopropylbenzene	10.970	105	2641m	0.982	ug/L	
62) 1,3,5-Trimethylbenzene	11.457	105	2635	1.172	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	8486	3.736	ug/L #	79

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

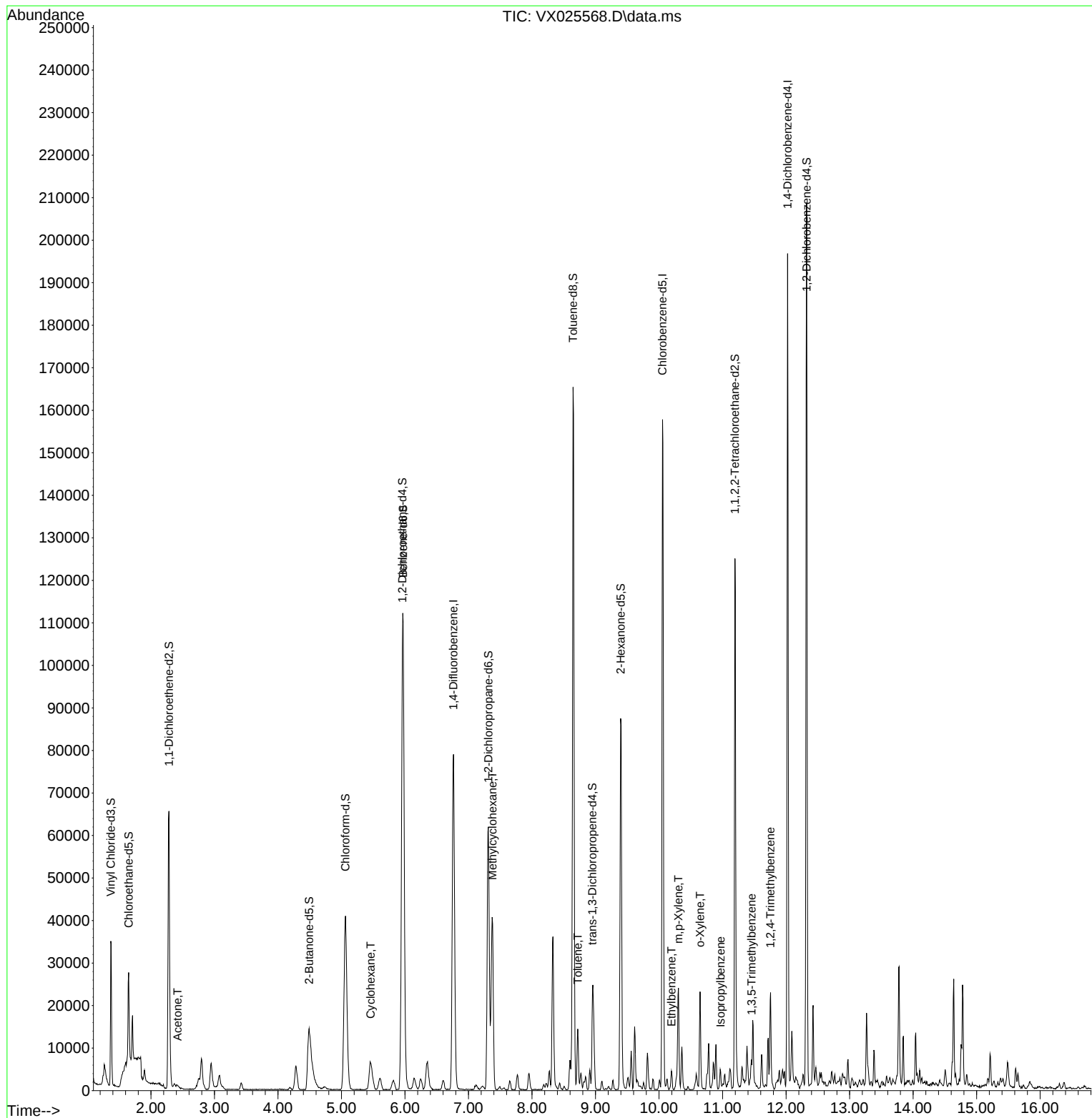
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
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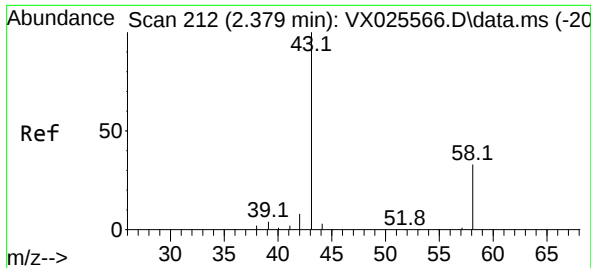
Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

Quant Time: Dec 08 05:32:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 08 05:26:42 2021
Response via : Initial Calibration

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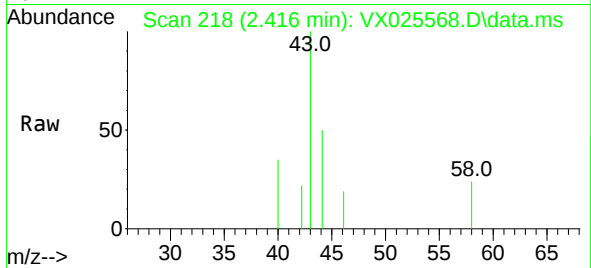
Reviewed By : John Carlone 12/08/2021
Supervised By : Mahesh Dadoda 12/09/2021





#13
Acetone
Concen: 3.875 ug/L m
RT: 2.416 min Scan# 212
Delta R.T. 0.037 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42

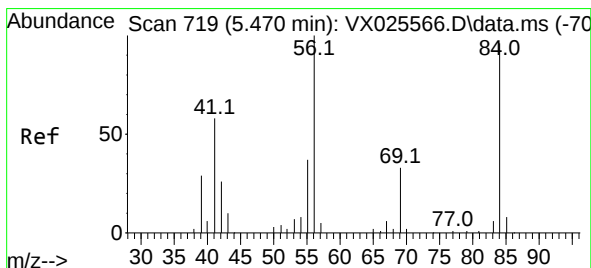
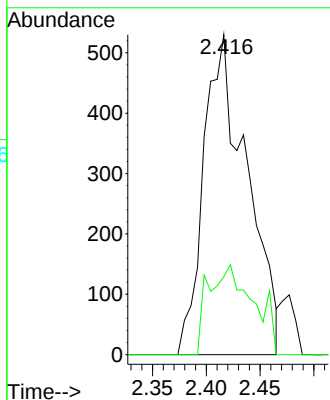
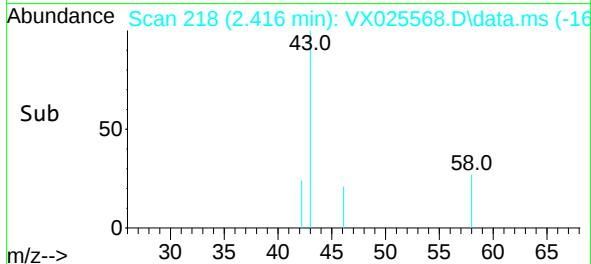
Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME



Tgt Ion: 43 Resp: 1480
Ion Ratio Lower Upper
43 100
58 20.7 0.0 65.6

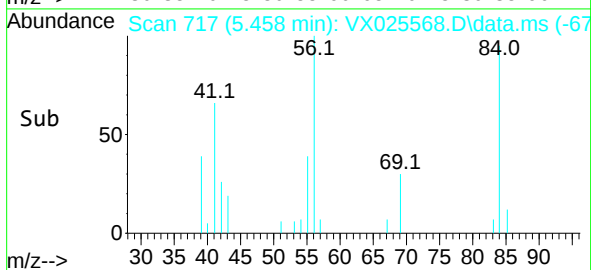
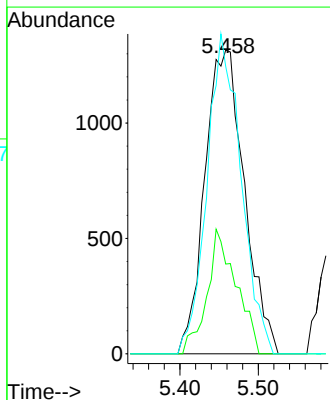
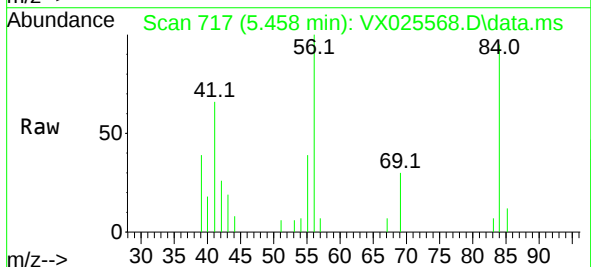
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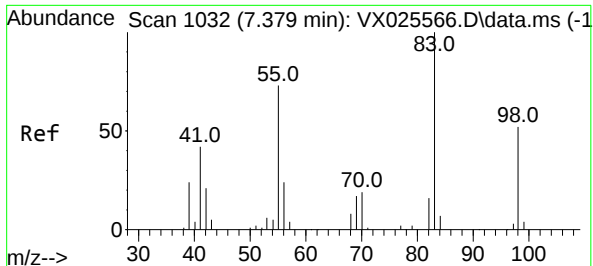
Reviewed By :John Carlone 12/08/2021
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#29
Cyclohexane
Concen: 5.538 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42

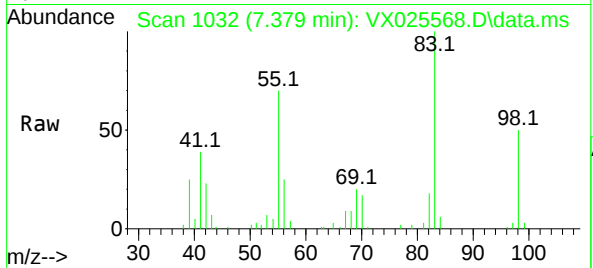
Tgt Ion: 56 Resp: 4622
Ion Ratio Lower Upper
56 100
69 30.2 25.4 38.2
84 90.8 76.6 114.8





#35
Methylcyclohexane
Concen: 20.888 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42

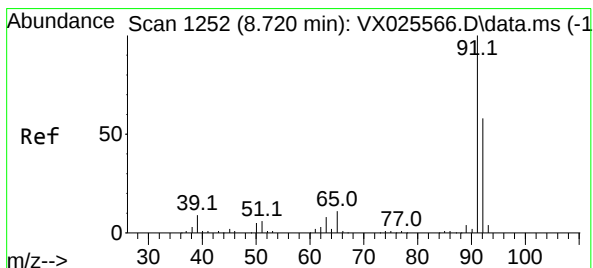
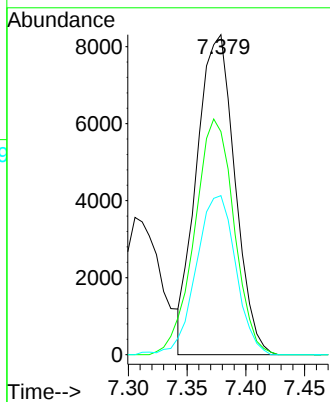
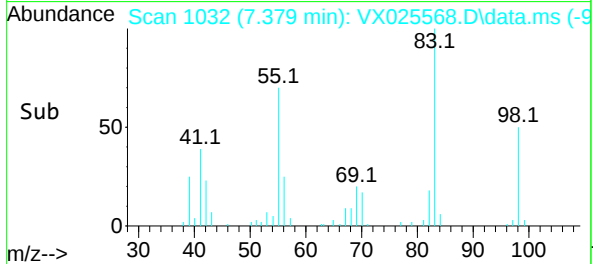
Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME



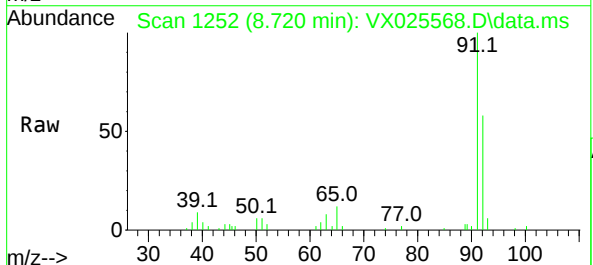
Tgt Ion: 83 Resp: 18818
Ion Ratio Lower Upper
83 100
55 76.0 57.3 85.9
98 51.2 41.1 61.7

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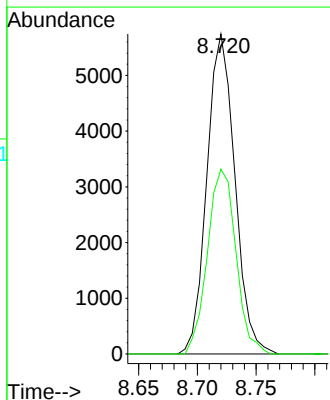
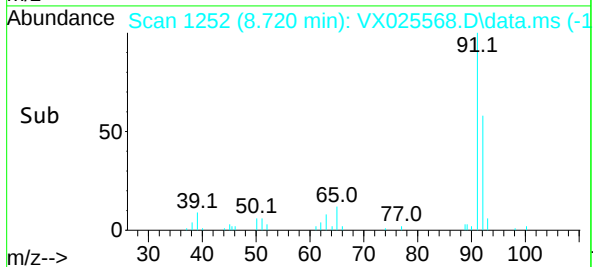
Reviewed By :John Carlone 12/08/2021
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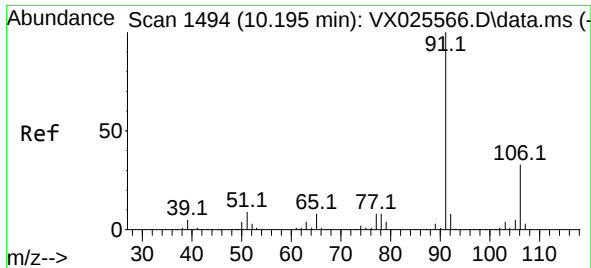


#42
Toluene
Concen: 3.969 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42



Tgt Ion: 91 Resp: 9526
Ion Ratio Lower Upper
91 100
92 57.7 41.2 76.6





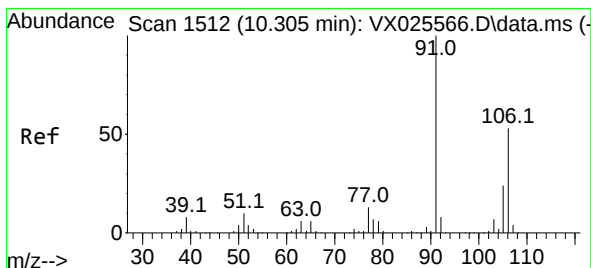
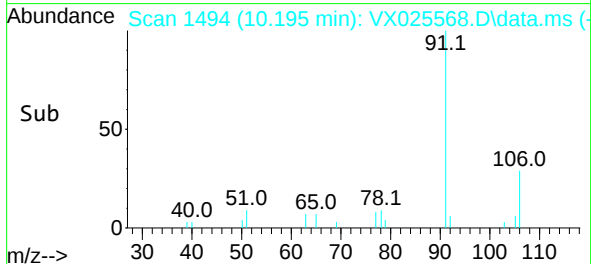
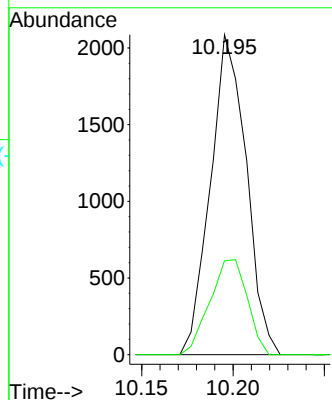
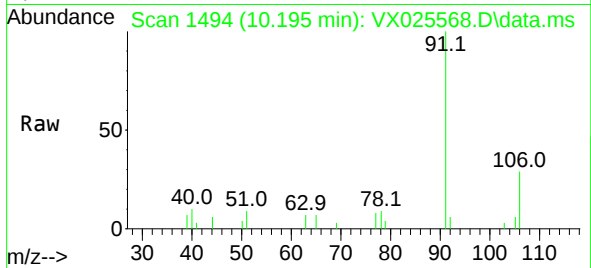
#52
Ethylbenzene
Concen: 1.101 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

Tgt Ion: 91 Resp: 284
Ion Ratio Lower Upper
91 100
106 29.3 23.1 42.9

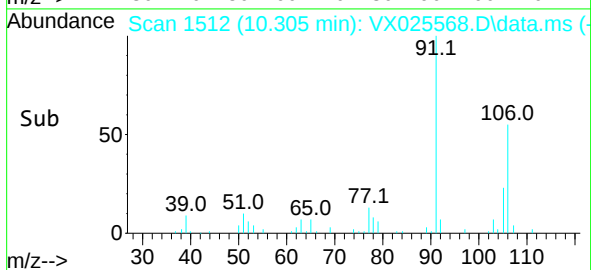
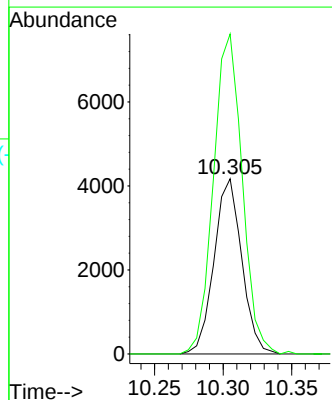
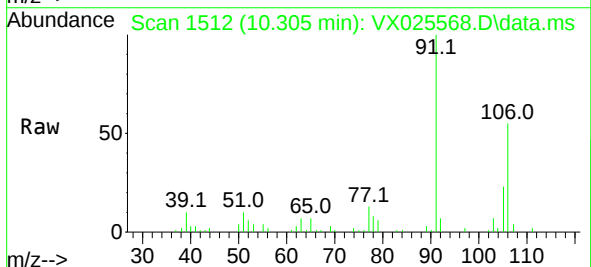
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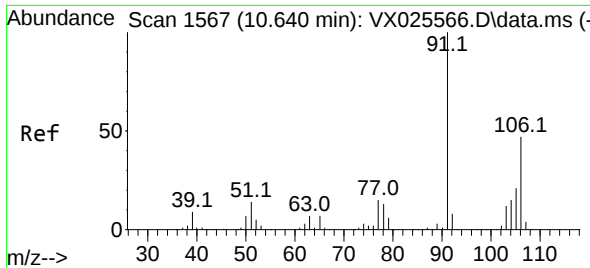
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/09/2021



#53
m,p-Xylene
Concen: 5.613 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42

Tgt Ion:106 Resp: 5865
Ion Ratio Lower Upper
106 100
91 182.6 136.8 254.2





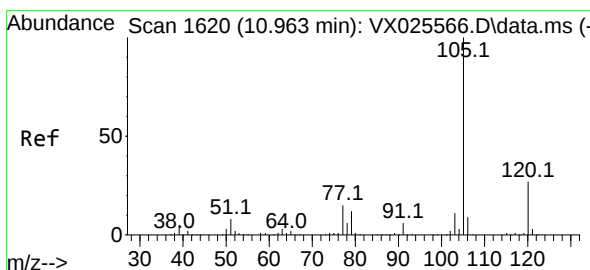
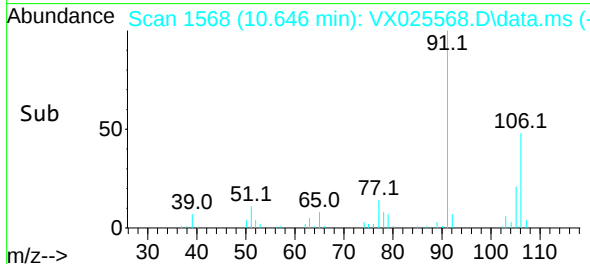
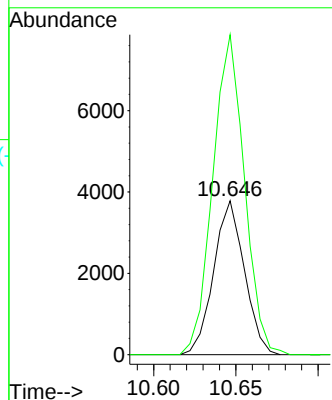
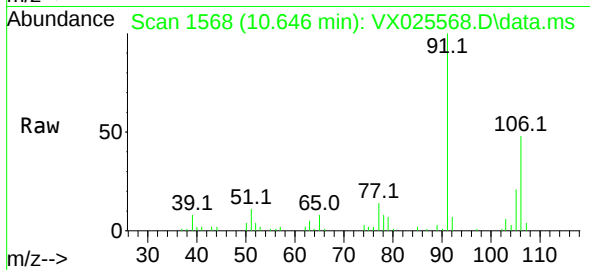
#54
o-Xylene
Concen: 4.709 ug/L
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

Tgt Ion:106 Resp: 492
Ion Ratio Lower Upper
106 100
91 207.9 140.5 260.9

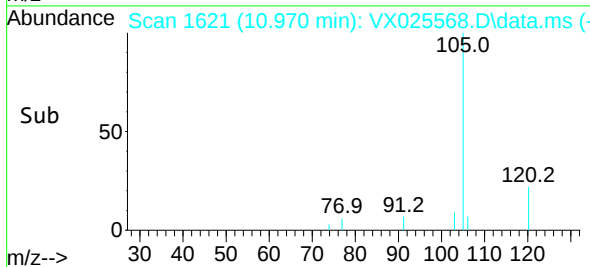
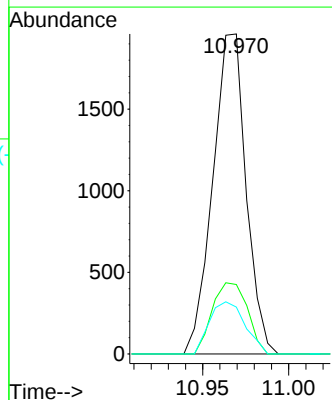
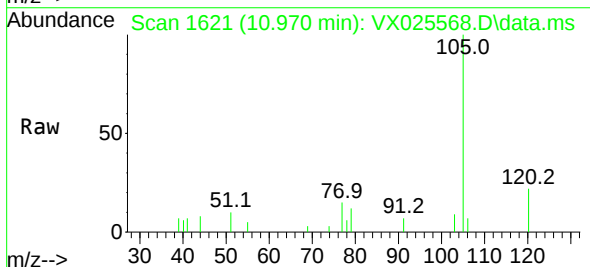
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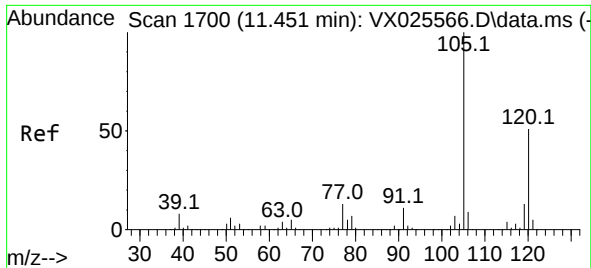
Reviewed By :John Carlone 12/08/2021
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#60
Isopropylbenzene
Concen: 0.982 ug/L m
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42

Tgt Ion:105 Resp: 2641
Ion Ratio Lower Upper
105 100
120 40.0 22.3 33.5#
77 20.6 11.5 17.3#





#62

1,3,5-Trimethylbenzene

Concen: 1.172 ug/L

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX025568.D

Acq: 07 Dec 2021 10:42

Instrument :

MSVOA_X

ClientSampleId :

EW9D7ME

Tgt Ion:105 Resp: 263

Ion Ratio Lower Upper

105 100

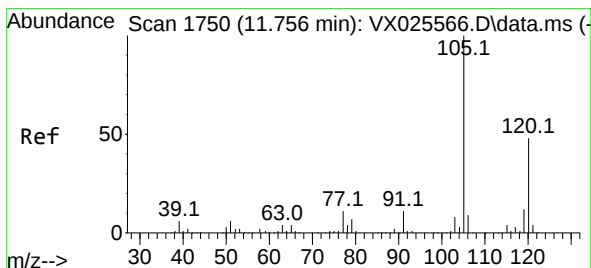
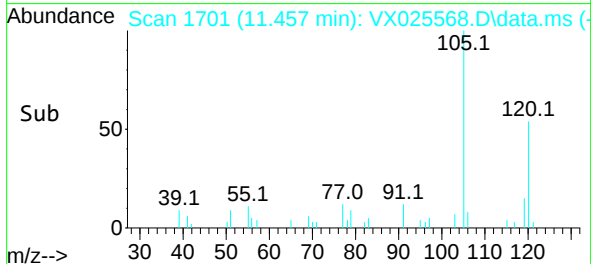
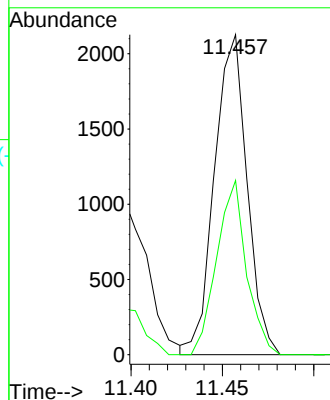
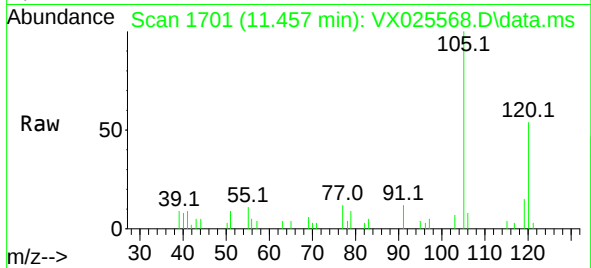
120 49.8 41.0 61.4

Manual Integrations

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#63

1,2,4-Trimethylbenzene

Concen: 3.736 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX025568.D

Acq: 07 Dec 2021 10:42

Tgt Ion:105 Resp: 8486

Ion Ratio Lower Upper

105 100

120 48.3 0.1 0.1#

