

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030407.D
 Acq On : 04 Aug 2022 21:21
 Operator : JC/MD
 Sample : N4003-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D89

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/05/2022
 Supervised By : Mahesh Dadoda 08/05/2022

Quant Time: Aug 05 05:29:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:25:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	264760	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	236957	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104204	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	105555	62.082	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 124.160%			
7) Chloroethane-d5	1.666	69	75268	62.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 125.600%			
11) 1,1-Dichloroethene-d2	2.306	63	156861	48.772	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.540%			
21) 2-Butanone-d5	4.471	46	194873	123.701	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 123.700%			
24) Chloroform-d	5.068	84	199256	56.930	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.860%			
26) 1,2-Dichloroethane-d4	5.964	65	139329	58.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.260%			
32) Benzene-d6	5.983	84	397986	58.635	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.260%			
36) 1,2-Dichloropropane-d6	7.312	67	128575	58.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 116.780%			
41) Toluene-d8	8.653	98	361773	56.544	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.080%			
43) trans-1,3-Dichloroprop...	8.952	79	56639	51.699	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.400%			
47) 2-Hexanone-d5	9.390	63	131587	117.227	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.230%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	170387	58.897	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.800%			
66) 1,2-Dichlorobenzene-d4	12.323	152	121274	60.003	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.000%			
Target Compounds						
5) Vinyl chloride	1.374	62	945005	516.450	ug/L	97
13) Acetone	2.392	43	4767	4.129	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	41650	24.260	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	817019m	423.053	ug/L	
29) Cyclohexane	5.470	56	7094	2.252	ug/L	98
33) Benzene	6.044	78	15463	2.035	ug/L	100
35) Methylcyclohexane	7.385	83	11692	3.650	ug/L	90

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

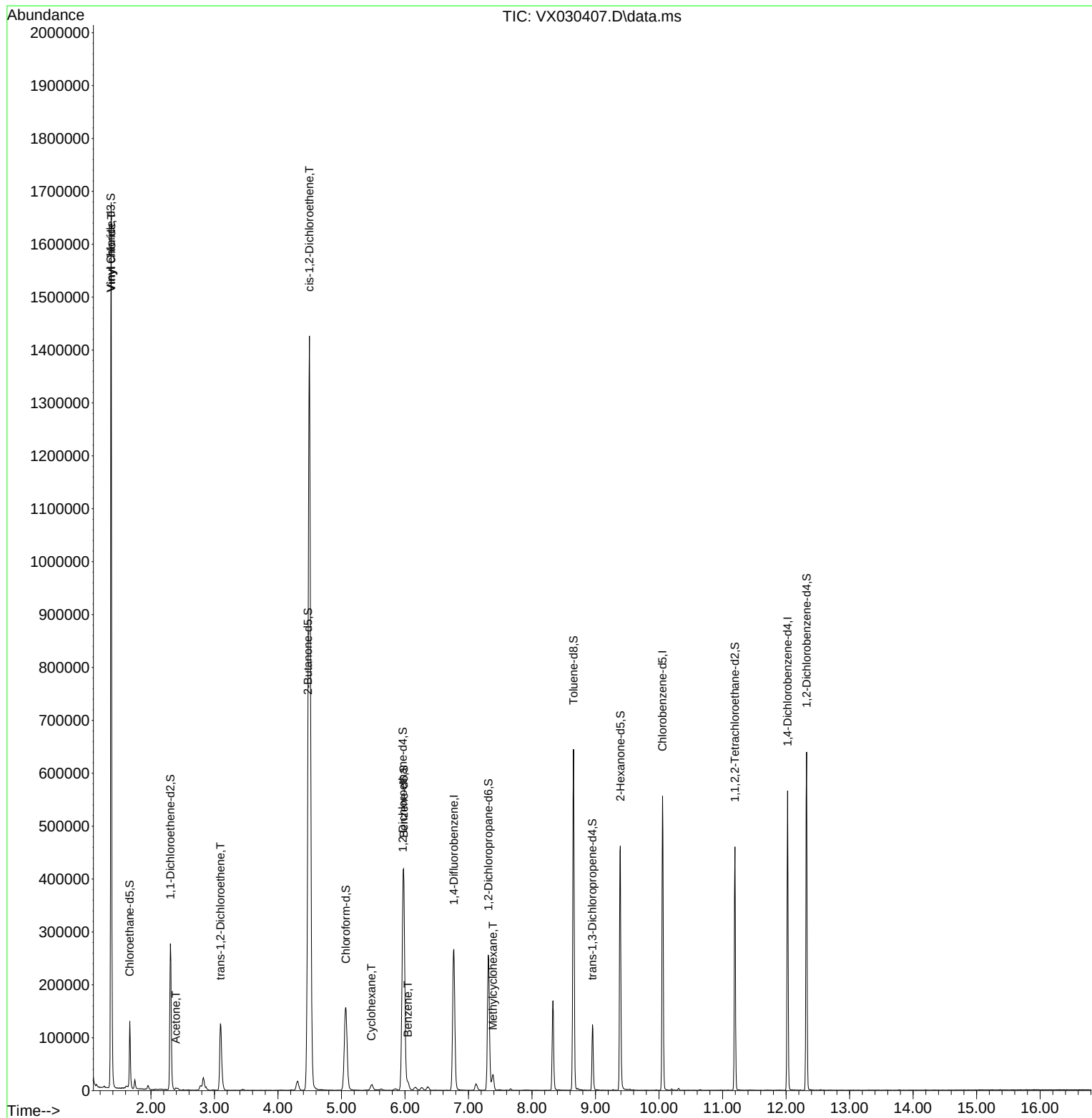
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
Data File : VX030407.D
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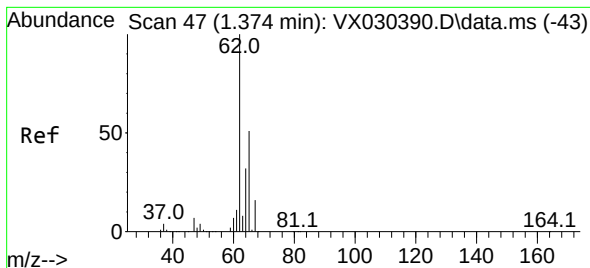
Instrument :
MSVOA_X
ClientSampleId :
F5D89

Quant Time: Aug 05 05:29:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 05 05:25:14 2022
Response via : Initial Calibration

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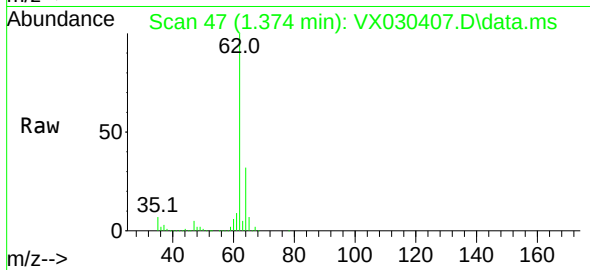
Reviewed By : John Carlone 08/05/2022
Supervised By : Mahesh Dadoda 08/05/2022





#5
 Vinyl chloride
 Concen: 516.450 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030407.D
 Acq: 04 Aug 2022 21:21

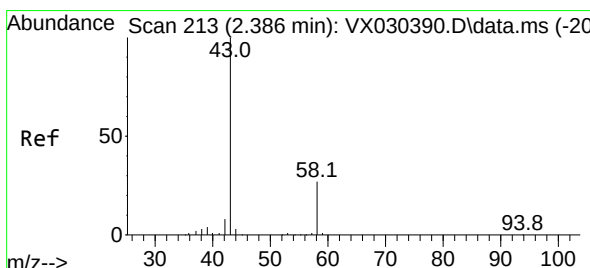
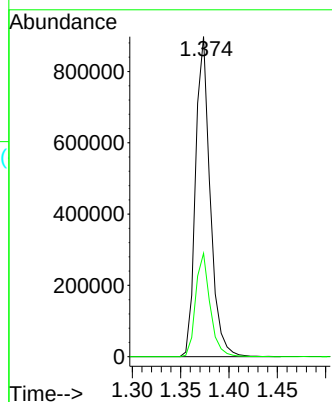
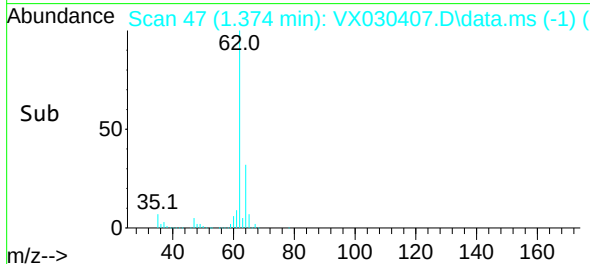
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D89



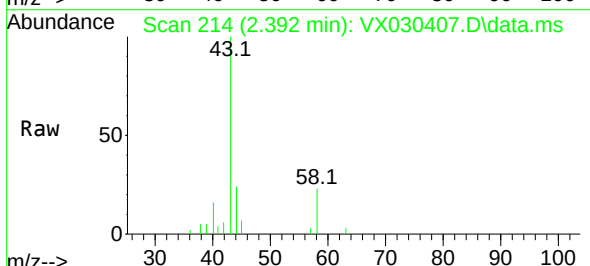
Tgt Ion: 62 Resp: 94500
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.8 44.2

Manual Integrations
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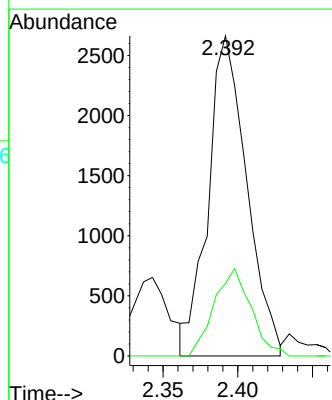
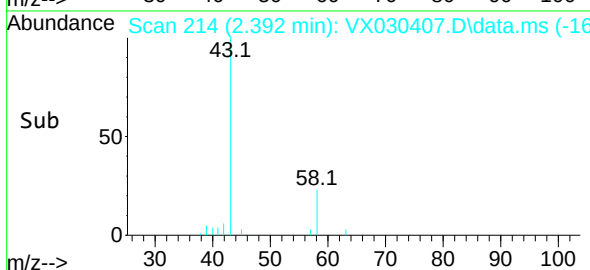
Reviewed By :John Carlone 08/05/2022
 Supervised By :Mahesh Dadoda 08/05/2022

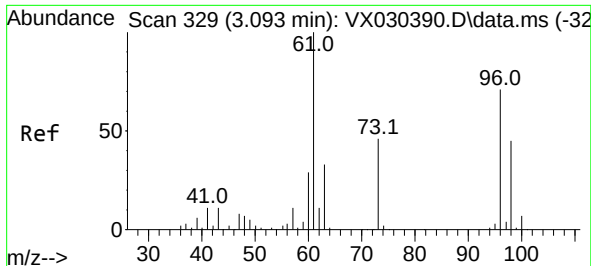


#13
 Acetone
 Concen: 4.129 ug/L
 RT: 2.392 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VX030407.D
 Acq: 04 Aug 2022 21:21



Tgt Ion: 43 Resp: 4767
 Ion Ratio Lower Upper
 43 100
 58 26.2 0.0 57.8





#17

trans-1,2-Dichloroethene

Concen: 24.260 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX030407.D

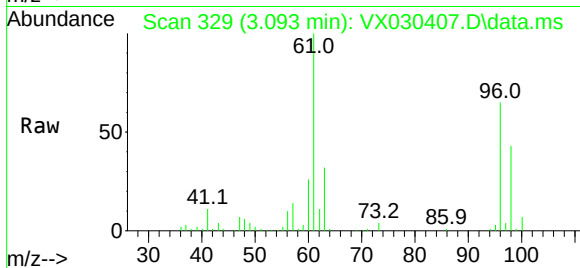
Acq: 04 Aug 2022 21:21

Instrument :

MSVOA_X

ClientSampleId :

F5D89



Tgt Ion: 96 Resp: 41650

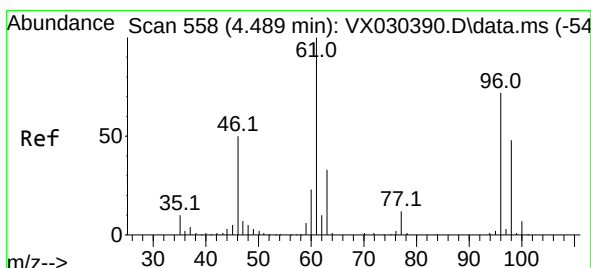
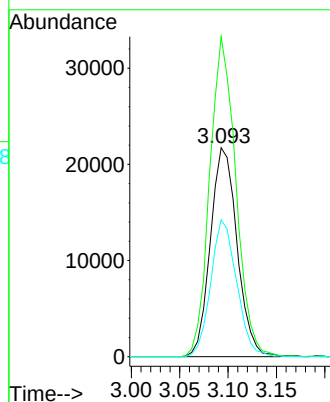
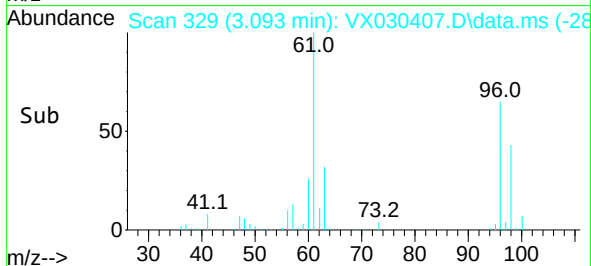
Ion	Ratio	Lower	Upper
96	100		
61	153.2	103.7	192.5
98	65.6	41.5	77.1

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#20

cis-1,2-Dichloroethene

Concen: 423.053 ug/L m

RT: 4.495 min Scan# 559

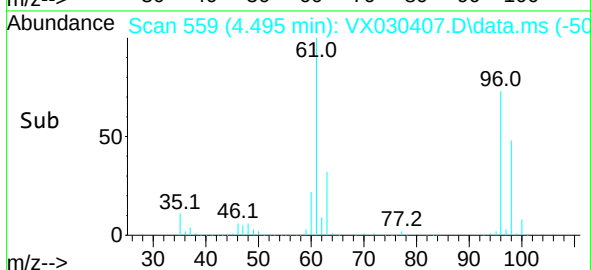
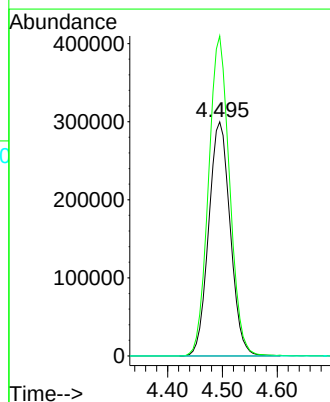
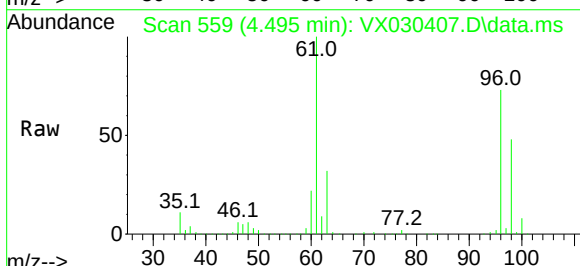
Delta R.T. 0.006 min

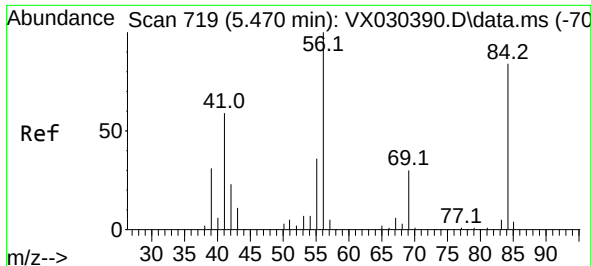
Lab File: VX030407.D

Acq: 04 Aug 2022 21:21

Tgt Ion: 96 Resp: 817019

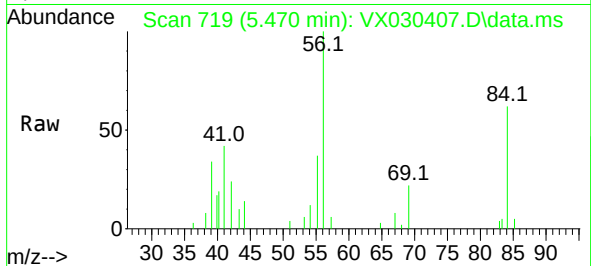
Ion	Ratio	Lower	Upper
96	100		
61	136.7	94.0	174.6
68	0.0	0.0	0.0





#29
Cyclohexane
Concen: 2.252 ug/L
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030407.D
Acq: 04 Aug 2022 21:21

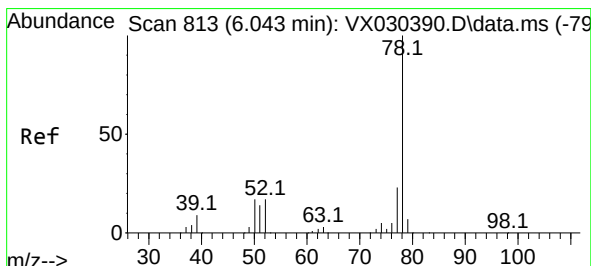
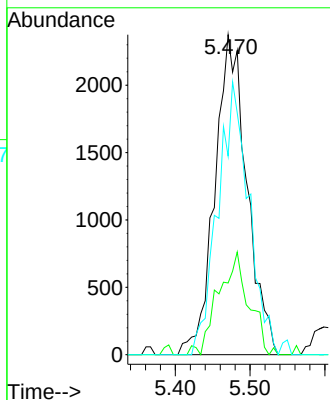
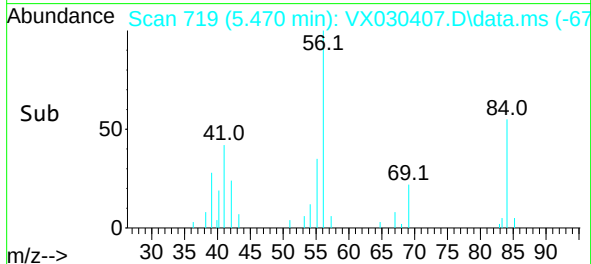
Instrument :
MSVOA_X
ClientSampleId :
F5D89



Tgt Ion: 56 Resp: 7094
Ion Ratio Lower Upper
56 100
69 27.6 24.3 36.5
84 82.5 66.7 100.1

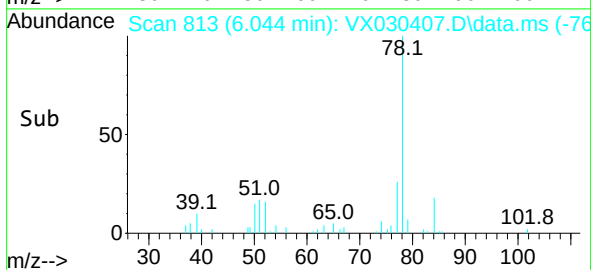
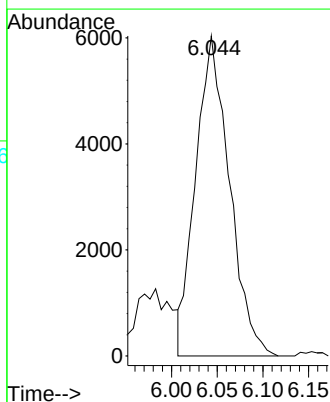
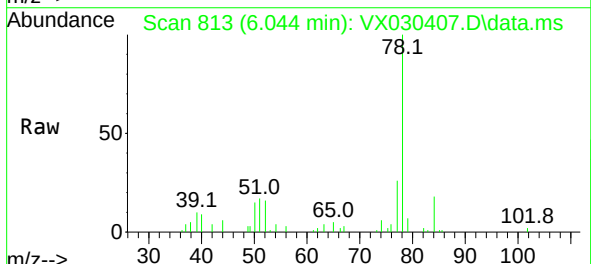
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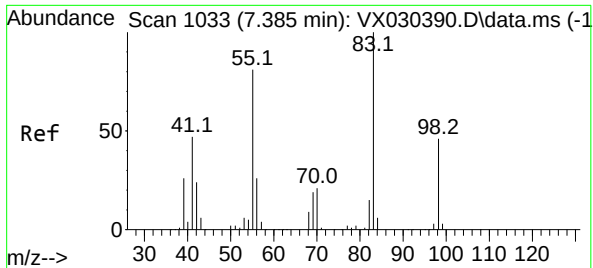
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#33
Benzene
Concen: 2.035 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030407.D
Acq: 04 Aug 2022 21:21

Tgt Ion: 78 Resp: 15463





#35

Methylcyclohexane

Concen: 3.650 ug/L

RT: 7.385 min Scan# 10

Delta R.T. 0.000 min

Lab File: VX030407.D

Acq: 04 Aug 2022 21:21

Instrument :

MSVOA_X

ClientSampleId :

F5D89

Tgt Ion: 83 Resp: 1169

Ion Ratio Lower Upper

83 100

55 89.6 64.0 96.0

98 50.6 36.7 55.1

Manual Integrations

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