

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027680.D
 Acq On : 01 Sep 2022 20:37
 Operator : SY/MD
 Sample : N4366-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E76

Manual Integrations
 APPROVED

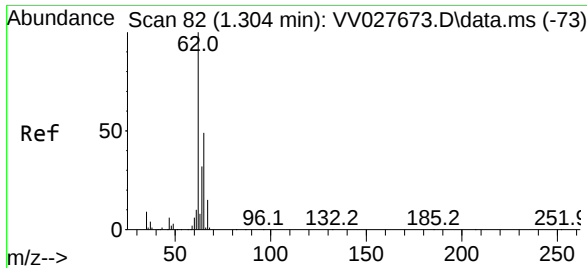
Reviewed By :Krupa Patel 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

Quant Time: Sep 02 00:19:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 00:17:48 2022
 Response via : Initial Calibration

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

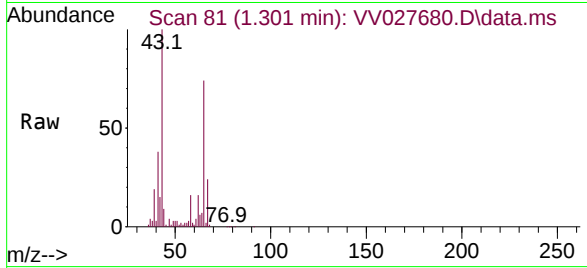
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	143594	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	134866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	58478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	59879	3.838	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.558	69	52301	4.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.098	63	92901	3.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.953	46	147595	55.961	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.920%
24) Chloroform-d	4.336	84	134600	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.027	65	65564	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.037	84	256899	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.066	67	79540	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.310	98	206293	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.622	79	21683	4.119	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.098	63	87523	44.213	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.420%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47093	4.283	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	64623	4.936	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
5) Vinyl chloride	1.301	62	9669	0.542	ug/L #	80
12) 1,1-Dichloroethene	2.101	96	1893	0.158	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	84223	3.289	ug/L #	74
18) trans-1,2-Dichloroethene	2.744	96	396764	29.205	ug/L	98
22) cis-1,2-Dichloroethene	3.896	96	299390	22.080	ug/L #	99
30) Cyclohexane	4.651	56	9007	0.458	ug/L	94
33) Benzene	5.088	78	18949	0.360	ug/L	100
34) Trichloroethene	5.902	95	99577	7.701	ug/L	99
35) Methylcyclohexane	6.088	83	6968m	0.347	ug/L	
47) Tetrachloroethene	7.969	164	4636	0.442	ug/L	93

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



#5
 Vinyl chloride
 Concen: 0.542 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027680.D
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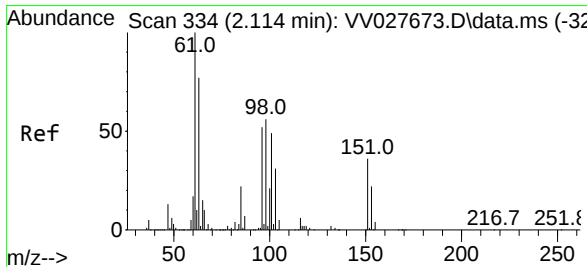
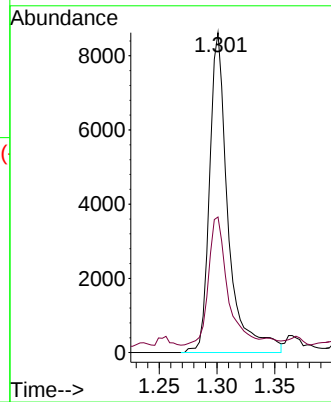
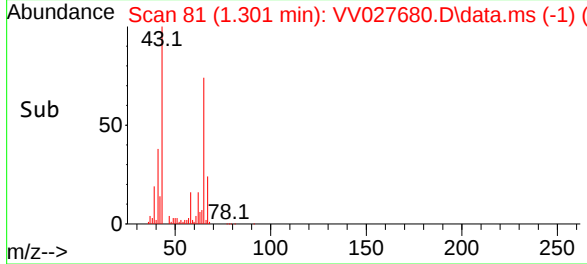
Instrument :
 MSVOA_V
 ClientSampleId :
 F5E76



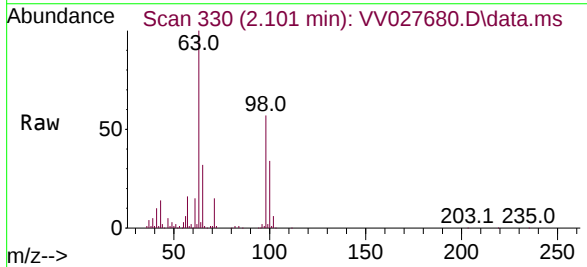
Tgt Ion: 62 Resp: 9669
 Ion Ratio Lower Upper
 62 100
 64 42.4 21.8 40.4

Manual Integrations
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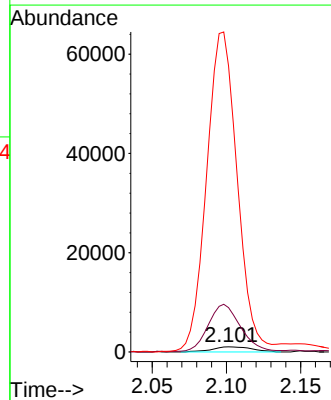
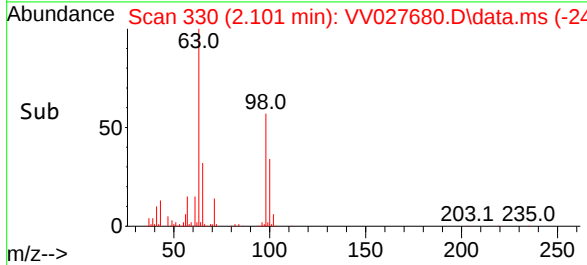
Reviewed By :Krupa Patel 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

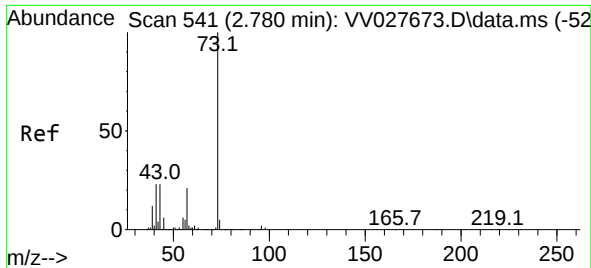


#12
 1,1-Dichloroethene
 Concen: 0.158 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.013 min
 Lab File: VV027680.D
 Acq: 01 Sep 2022 20:37



Tgt Ion: 96 Resp: 1893
 Ion Ratio Lower Upper
 96 100
 61 867.4 134.3 249.3#
 63 5612.5 105.7 196.3#





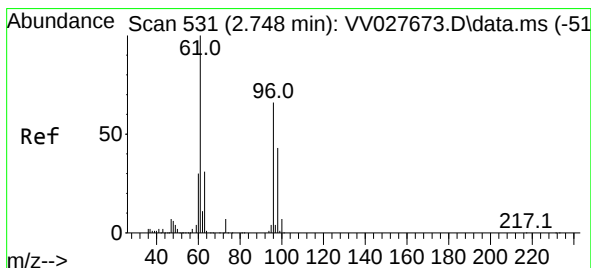
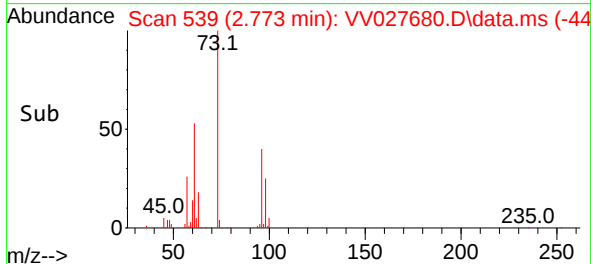
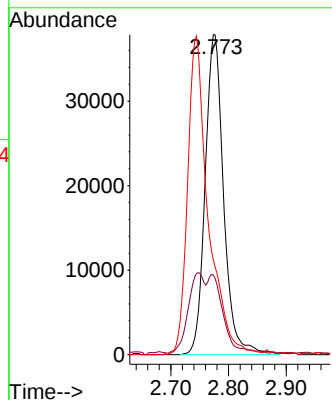
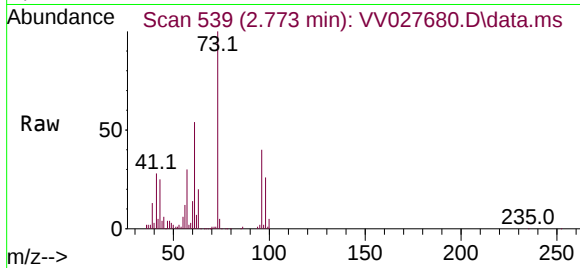
#17
Methyl tert-butyl Ether
Concen: 3.289 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.006 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

Instrument :
MSVOA_V
ClientSampleId :
F5E76

Tgt Ion: 73 Resp: 84223
Ion Ratio Lower Upper
73 100
43 18.9 16.5 24.7
57 0.0 18.2 27.2

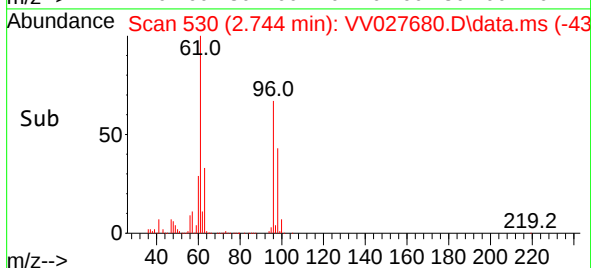
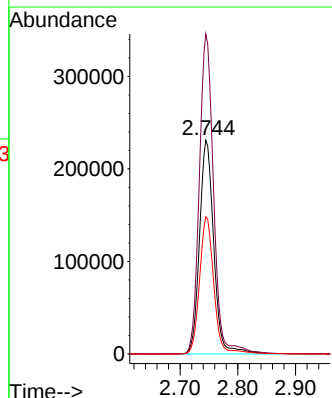
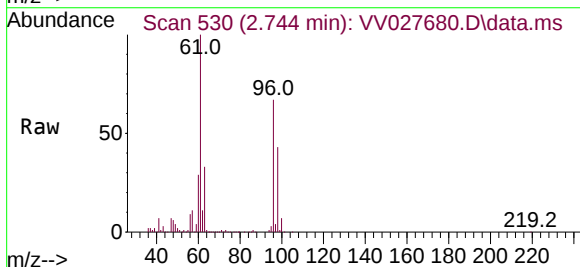
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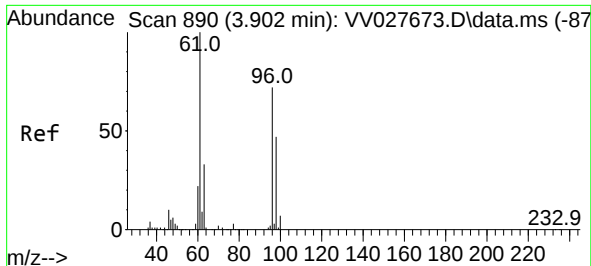
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#18
trans-1,2-Dichloroethene
Concen: 29.205 ug/L
RT: 2.744 min Scan# 530
Delta R.T. -0.003 min
Lab File: VV027680.D
Acq: 01 Sep 2022 20:37

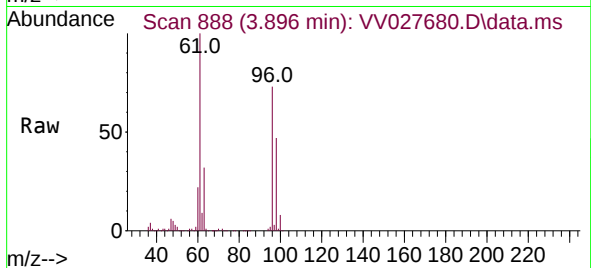
Tgt Ion: 96 Resp: 396764
Ion Ratio Lower Upper
96 100
61 149.7 101.8 189.0
98 64.1 44.9 83.3





#22
 cis-1,2-Dichloroethene
 Concen: 22.080 ug/L
 RT: 3.896 min Scan# 888
 Delta R.T. -0.006 min
 Lab File: VV027680.D
 Acq: 01 Sep 2022 20:37

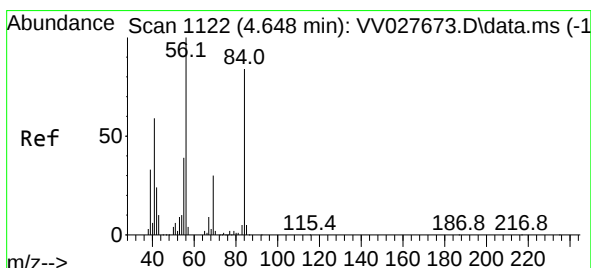
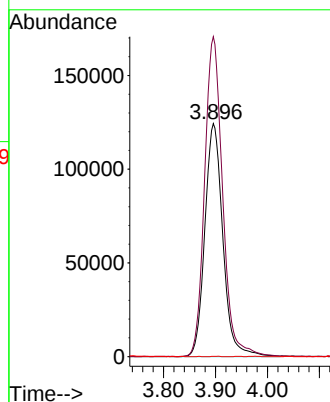
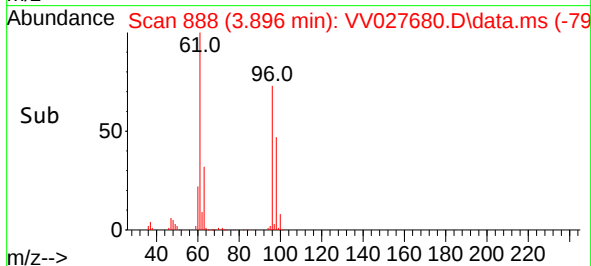
Instrument :
 MSVOA_V
 ClientSampleId :
 F5E76



Tgt Ion: 96 Resp: 299390
 Ion Ratio Lower Upper
 96 100
 61 137.3 96.9 180.1
 68 0.1 0.0 0.0

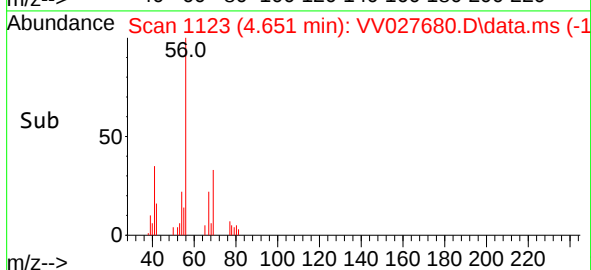
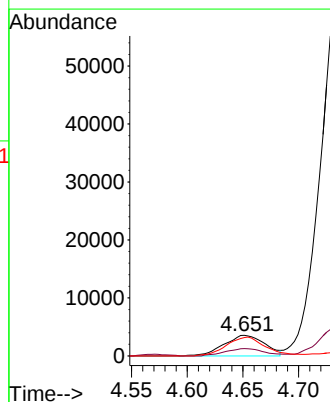
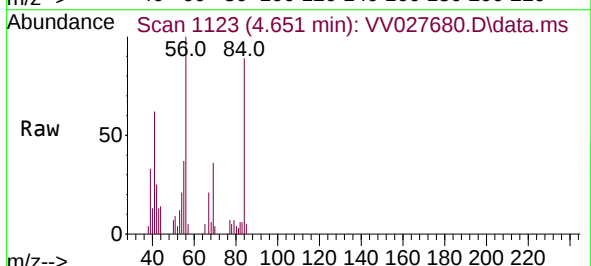
Manual Integrations
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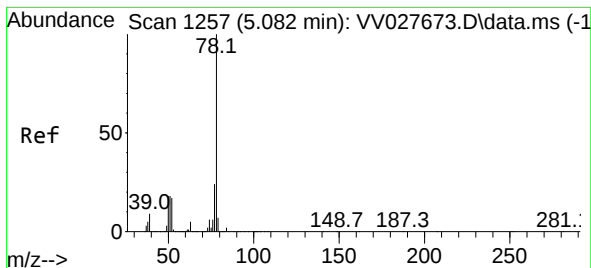
Reviewed By :Krupa Patel 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#30
 Cyclohexane
 Concen: 0.458 ug/L
 RT: 4.651 min Scan# 1123
 Delta R.T. 0.003 min
 Lab File: VV027680.D
 Acq: 01 Sep 2022 20:37

Tgt Ion: 56 Resp: 9007
 Ion Ratio Lower Upper
 56 100
 69 34.8 24.1 36.1
 84 88.0 66.9 100.3





#33

Benzene

Concen: 0.360 ug/L

RT: 5.088 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV027680.D

Acq: 01 Sep 2022 20:37

Instrument :

MSVOA_V

ClientSampleId :

F5E76

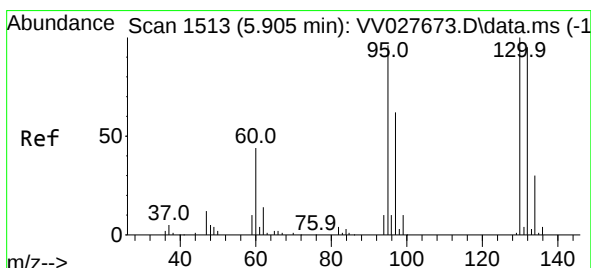
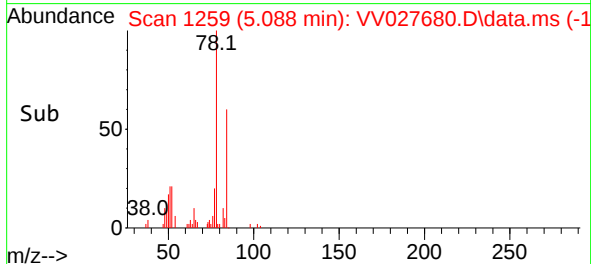
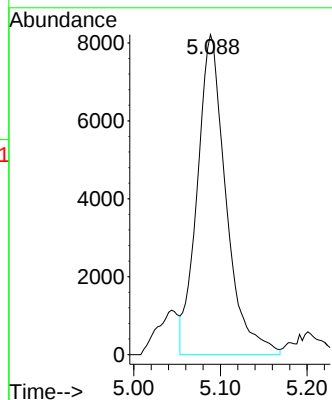
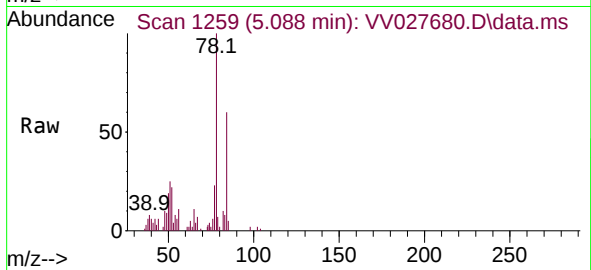
Tgt Ion: 78 Resp: 18949

Manual Integrations

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Reviewed By :Krupa Patel 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#34

Trichloroethene

Concen: 7.701 ug/L

RT: 5.902 min Scan# 1512

Delta R.T. -0.003 min

Lab File: VV027680.D

Acq: 01 Sep 2022 20:37

Tgt Ion: 95 Resp: 99577

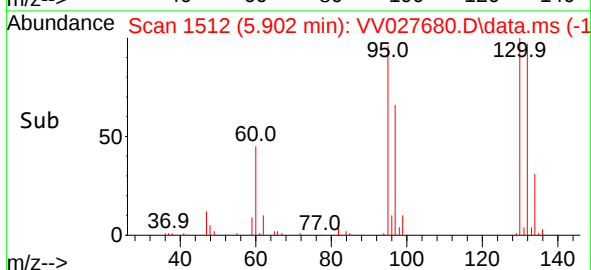
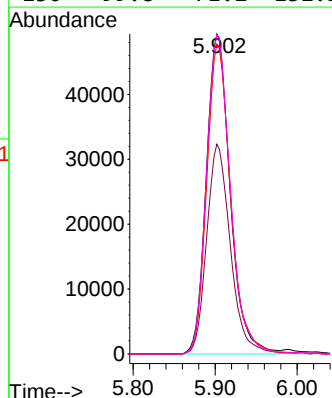
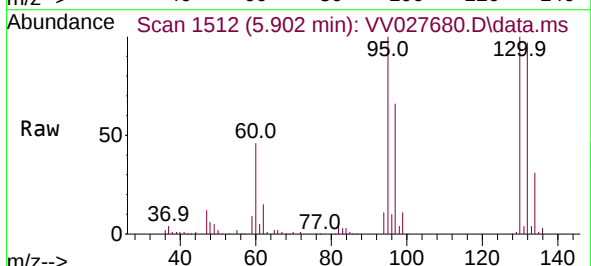
Ion Ratio Lower Upper

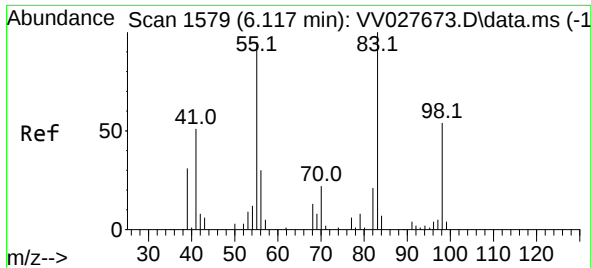
95 100

97 65.5 46.1 85.5

132 96.8 67.3 125.1

130 99.8 71.2 132.2





#35

Methylcyclohexane

Concen: 0.347 ug/L m

RT: 6.088 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV027680.D

Acq: 01 Sep 2022 20:37

Instrument :

MSVOA_V

ClientSampleId :

F5E76

Tgt Ion: 83 Resp: 6968

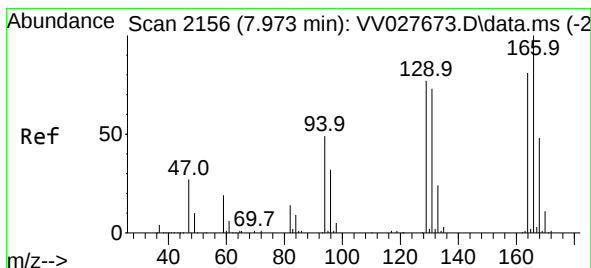
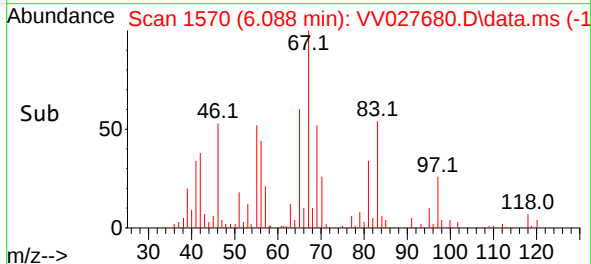
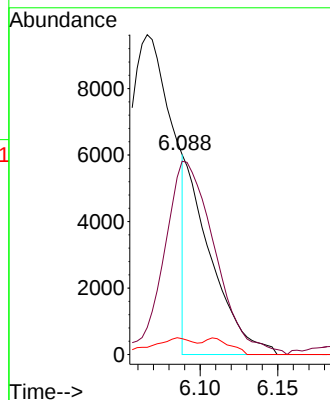
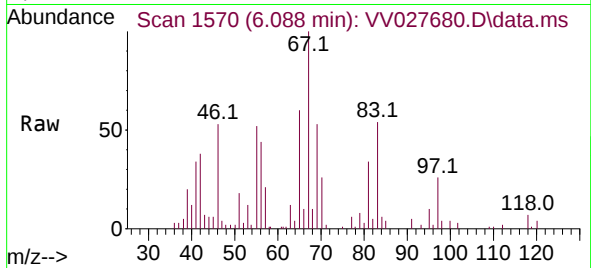
Ion	Ratio	Lower	Upper
83	100		
55	189.8	66.0	99.0
98	13.1	36.9	55.3

Manual Integrations

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Reviewed By :Krupa Patel 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#47

Tetrachloroethene

Concen: 0.442 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.003 min

Lab File: VV027680.D

Acq: 01 Sep 2022 20:37

Tgt Ion:164 Resp: 4636

Ion	Ratio	Lower	Upper
164	100		
129	96.5	65.9	122.3
131	105.9	64.5	119.7
166	133.1	88.8	165.0

