

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027679.D
 Acq On : 01 Sep 2022 20:12
 Operator : SY/MD
 Sample : N4366-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E75

Manual Integrations
 APPROVED

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

Quant Time: Sep 02 00:19:38 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	5.612	114	143604	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132698	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	57172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	62853	4.029	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.558	69	55422	4.246	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.095	63	96615	3.164	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.947	46	137062	51.964	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.920%
24) Chloroform-d	4.342	84	138778	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.031	65	67595	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.040	84	272863	5.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.066	67	80197	4.770	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.313	98	218851	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.622	79	24513	4.733	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.095	63	93028	47.762	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47746	4.413	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	65509	5.118	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
5) Vinyl chloride	1.301	62	9967	0.559	ug/L #	82
12) 1,1-Dichloroethene	2.101	96	2565	0.214	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	80530	3.145	ug/L #	1
18) trans-1,2-Dichloroethene	2.748	96	441513	32.497	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	323214	23.835	ug/L	94
30) Cyclohexane	4.664	56	9216	0.476	ug/L #	92
33) Benzene	5.098	78	18100m	0.350	ug/L	
34) Trichloroethene	5.908	95	102271	8.038	ug/L	99
35) Methylcyclohexane	6.095	83	6439m	0.326	ug/L	
47) Tetrachloroethene	7.976	164	4726	0.458	ug/L	96

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

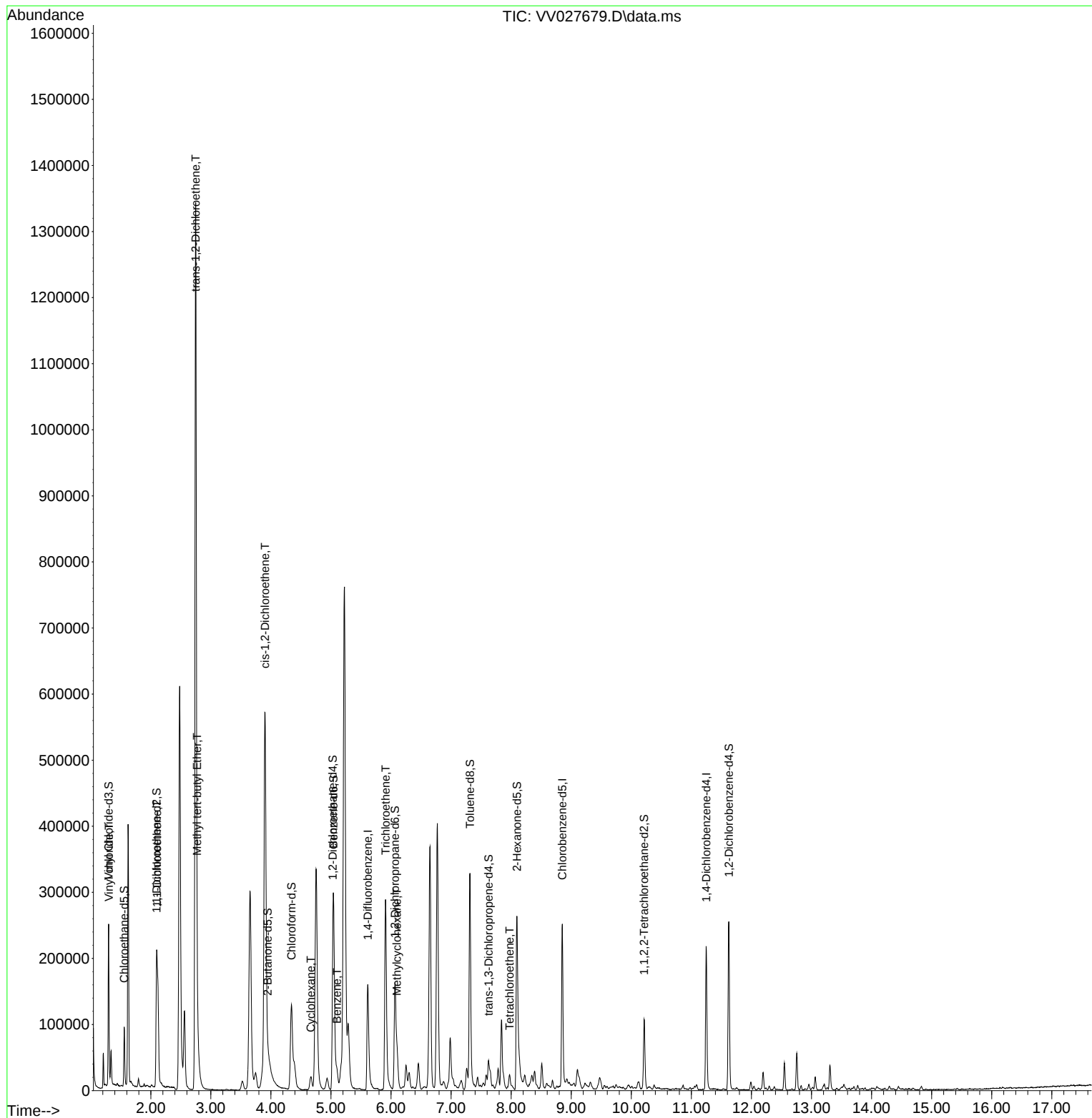
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
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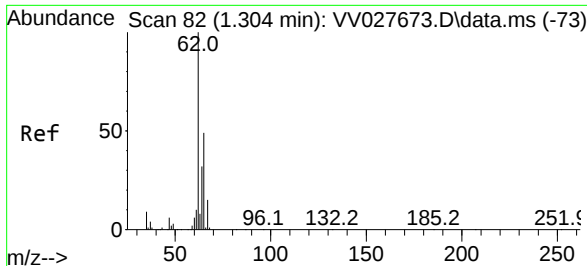
Instrument :
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F5E75

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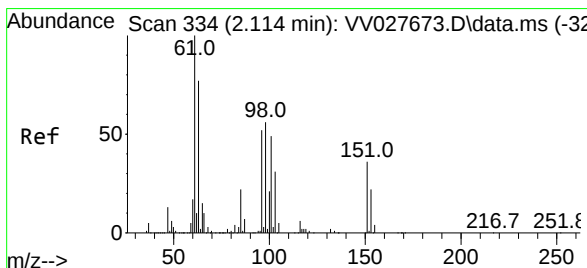
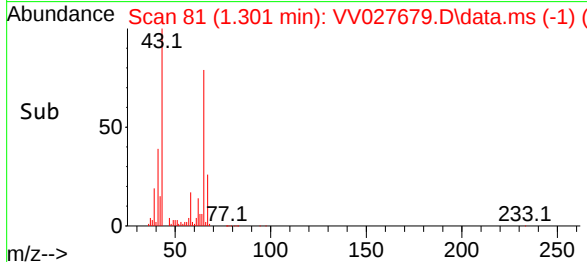
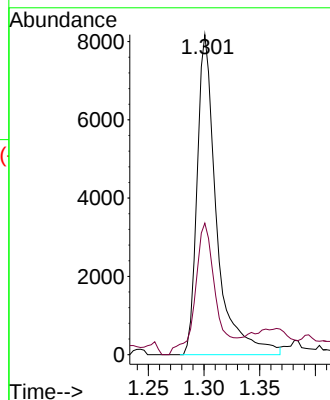
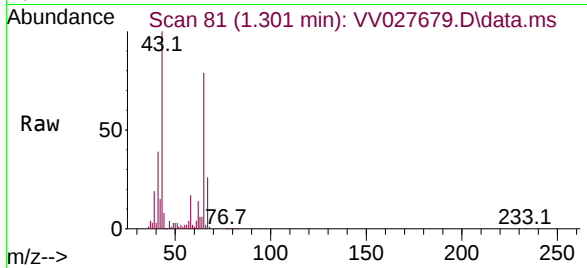
#5
 Vinyl chloride
 Concen: 0.559 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027679.D
 Acq: 01 Sep 2022 20:12

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E75

Tgt Ion: 62 Resp: 996
 Ion Ratio Lower Upper
 62 100
 64 41.1 21.8 40.4

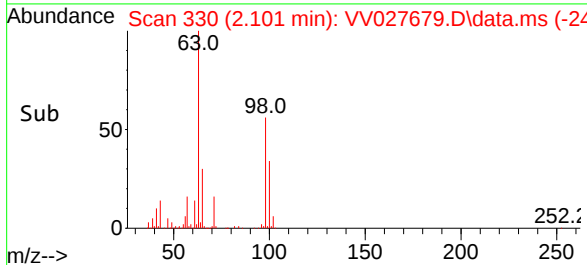
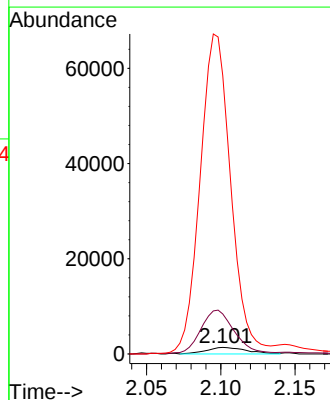
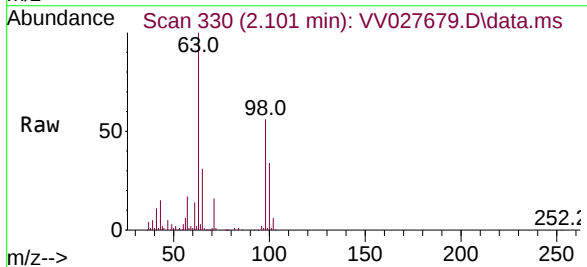
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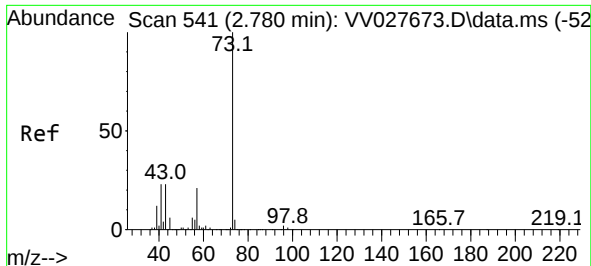
Reviewed By :Krupa Patel 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#12
 1,1-Dichloroethene
 Concen: 0.214 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.013 min
 Lab File: VV027679.D
 Acq: 01 Sep 2022 20:12

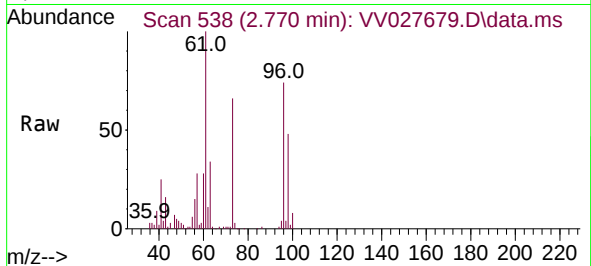
Tgt Ion: 96 Resp: 2565
 Ion Ratio Lower Upper
 96 100
 61 614.9 134.3 249.3#
 63 4281.1 105.7 196.3#





#17
Methyl tert-butyl Ether
Concen: 3.145 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.010 min
Lab File: VV027679.D
Acq: 01 Sep 2022 20:12

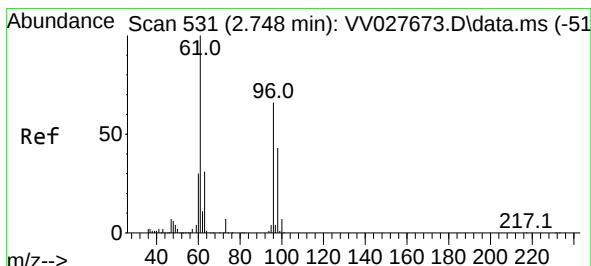
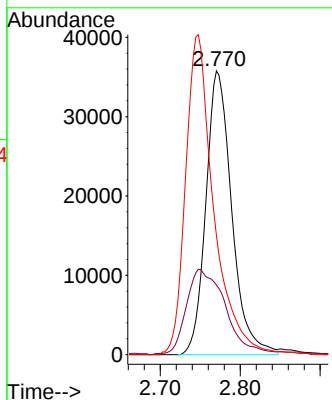
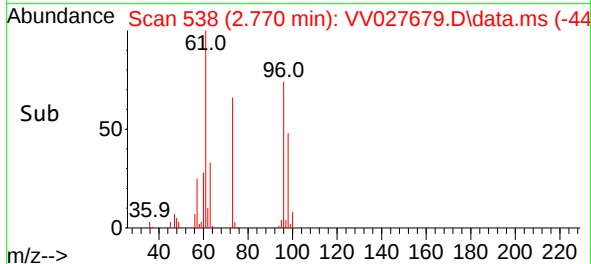
Instrument :
MSVOA_V
ClientSampleId :
F5E75



Tgt Ion: 73 Resp: 80530
Ion Ratio Lower Upper
73 100
43 45.3 16.5 24.7
57 122.8 18.2 27.2

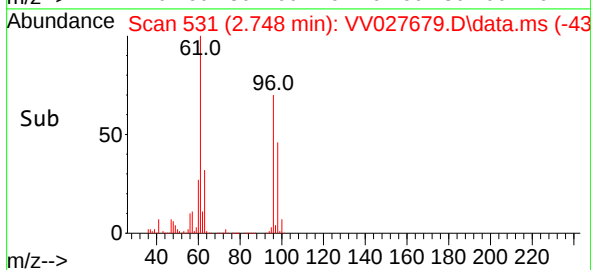
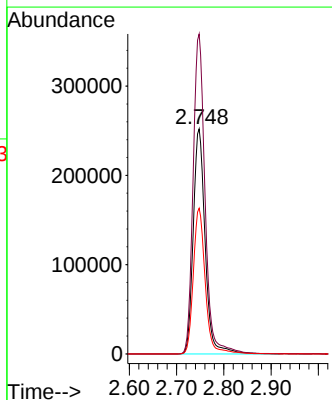
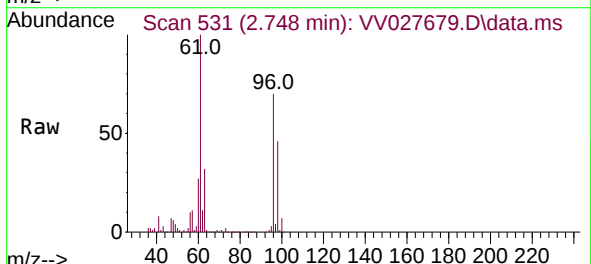
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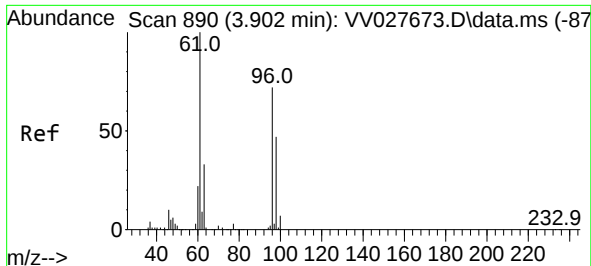
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#18
trans-1,2-Dichloroethene
Concen: 32.497 ug/L
RT: 2.748 min Scan# 531
Delta R.T. -0.000 min
Lab File: VV027679.D
Acq: 01 Sep 2022 20:12

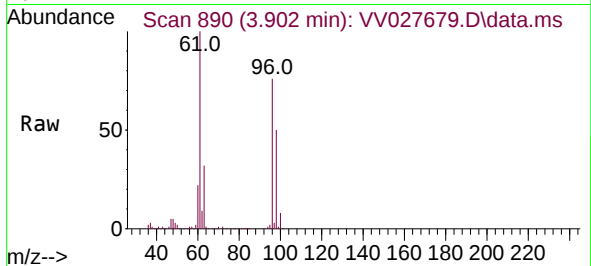
Tgt Ion: 96 Resp: 441513
Ion Ratio Lower Upper
96 100
61 142.2 101.8 189.0
98 64.7 44.9 83.3





#22
 cis-1,2-Dichloroethene
 Concen: 23.835 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV027679.D
 Acq: 01 Sep 2022 20:12

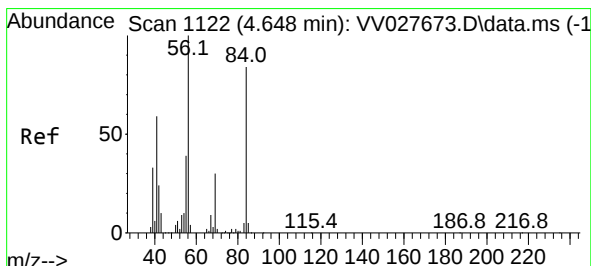
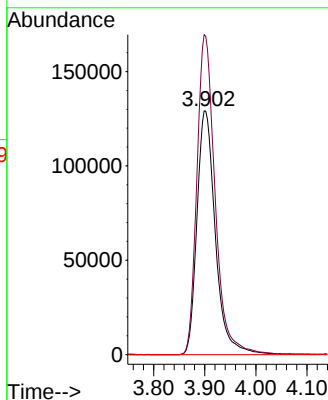
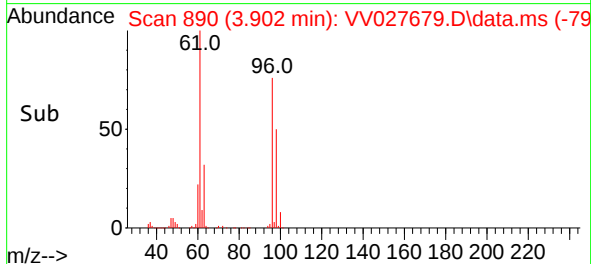
Instrument :
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 F5E75



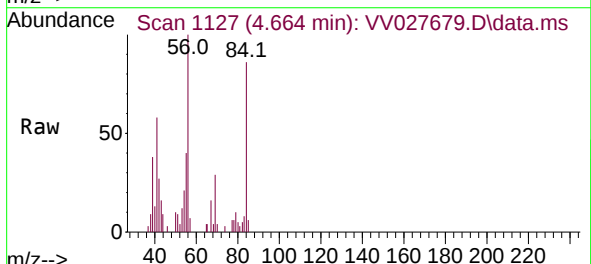
Tgt Ion: 96 Resp: 323214
 Ion Ratio Lower Upper
 96 100
 61 130.7 96.9 180.1
 68 0.0 0.0 0.0

Manual Integrations
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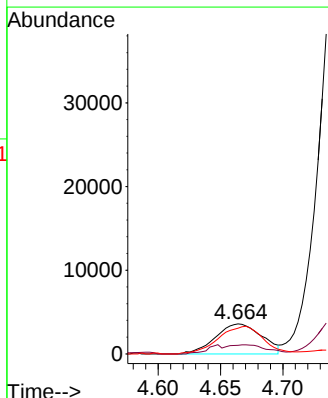
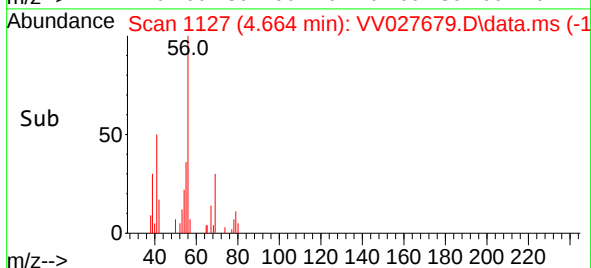
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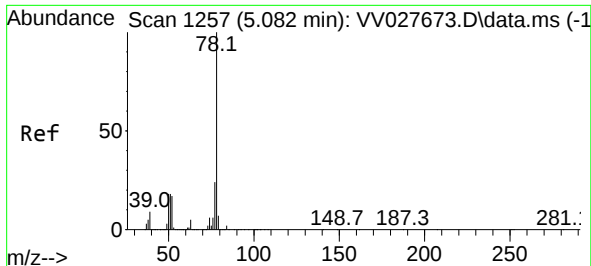


#30
 Cyclohexane
 Concen: 0.476 ug/L
 RT: 4.664 min Scan# 1127
 Delta R.T. 0.016 min
 Lab File: VV027679.D
 Acq: 01 Sep 2022 20:12



Tgt Ion: 56 Resp: 9216
 Ion Ratio Lower Upper
 56 100
 69 23.7 24.1 36.1#
 84 89.1 66.9 100.3





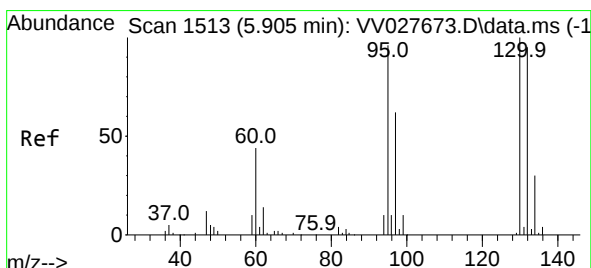
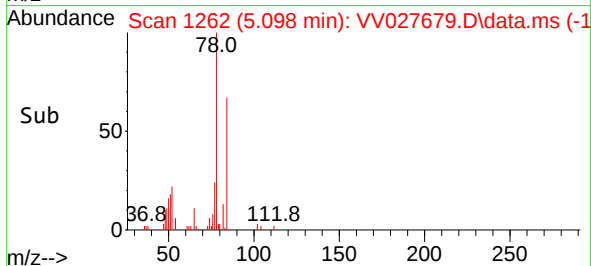
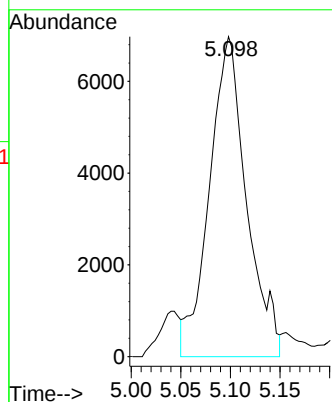
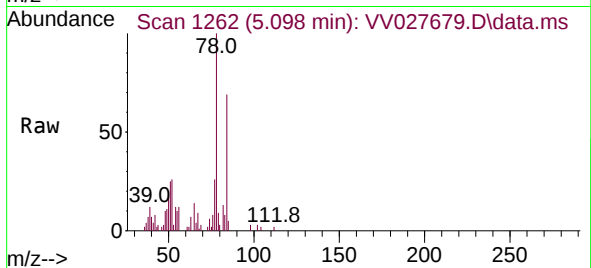
#33
Benzene
Concen: 0.350 ug/L m
RT: 5.098 min Scan# 1514
Delta R.T. 0.016 min
Lab File: VV027679.D
Acq: 01 Sep 2022 20:12

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 78 Resp: 18100

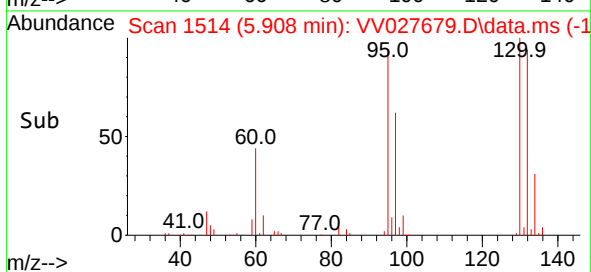
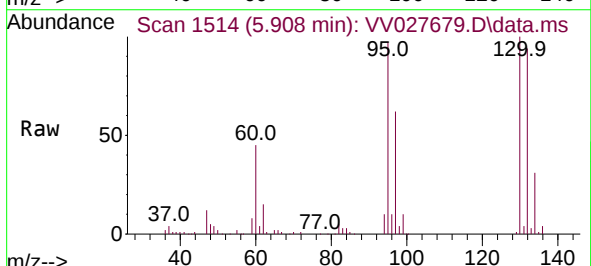
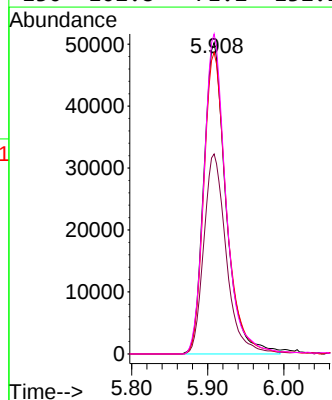
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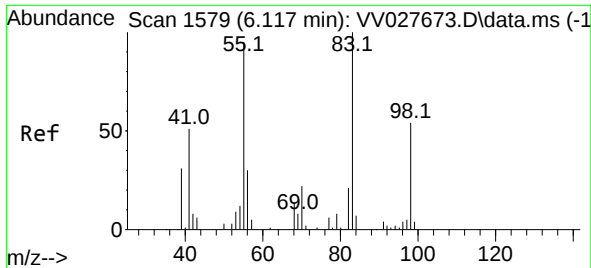
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#34
Trichloroethene
Concen: 8.038 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV027679.D
Acq: 01 Sep 2022 20:12

Tgt Ion: 95 Resp: 102271
Ion Ratio Lower Upper
95 100
97 64.2 46.1 85.5
132 96.8 67.3 125.1
130 102.8 71.2 132.2





#35

Methylcyclohexane

Concen: 0.326 ug/L m

RT: 6.095 min Scan# 1

Delta R.T. -0.023 min

Lab File: VV027679.D

Acq: 01 Sep 2022 20:12

Instrument :

MSVOA_V

ClientSampleId :

F5E75

Tgt Ion: 83 Resp: 6439

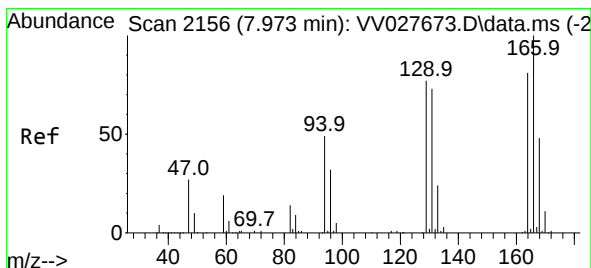
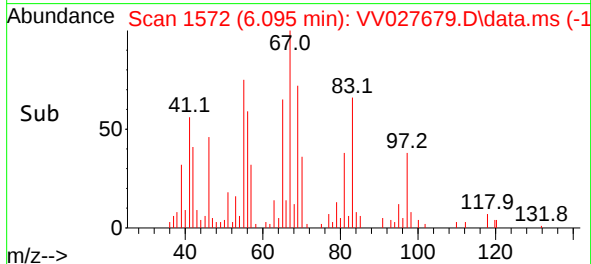
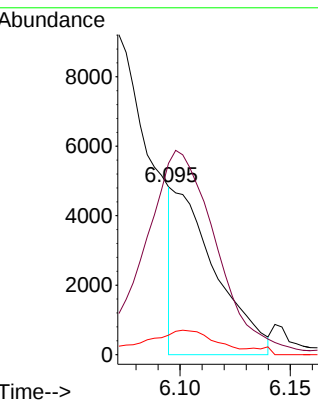
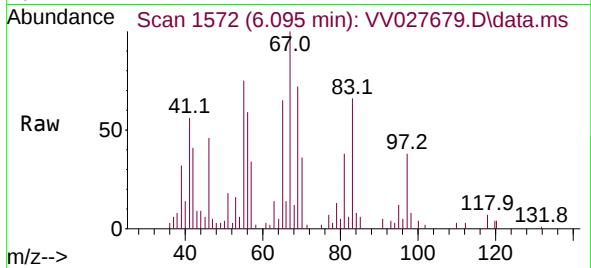
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.0	99.0
98	2.4	36.9	55.3

Manual Integrations

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Supervised By :Mahesh Dadoda 09/02/2022



#47

Tetrachloroethene

Concen: 0.458 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027679.D

Acq: 01 Sep 2022 20:12

Tgt Ion:164 Resp: 4726

Ion	Ratio	Lower	Upper
164	100		
129	91.1	65.9	122.3
131	91.2	64.5	119.7
166	119.4	88.8	165.0

