

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027693.D
 Acq On : 02 Sep 2022 01:55
 Operator : SY/MD
 Sample : N4400-04MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA1MS

Manual Integrations
 APPROVED

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

Quant Time: Sep 02 02:22:47 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	5.616	114	150116	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	145361	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75700	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69005	4.231	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.567	69	57774	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.111	63	137222	4.299	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.889	46	91248	33.094	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.180%
24) Chloroform-d	4.346	84	136223	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.030	65	61832	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.046	84	261837	4.397	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.066	67	74278	4.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.313	98	239251	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.622	79	21435	3.778	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.088	63	99185	46.487	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.980%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	48194	4.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	75276	4.442	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
2) Dichlorodifluoromethane	1.130	85	99602	4.870	ug/L	98
3) Chloromethane	1.240	50	93036	4.751	ug/L	99
5) Vinyl chloride	1.310	62	90948	4.878	ug/L	97
6) Bromomethane	1.522	94	40895	4.667	ug/L	99
8) Chloroethane	1.584	64	52156	5.005	ug/L	96
9) Trichlorofluoromethane	1.754	101	130206	5.207	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	64280	4.722	ug/L	98
12) 1,1-Dichloroethene	2.117	96	62463	4.985	ug/L	98
13) Acetone	2.172	43	84292m	45.180	ug/L	
14) Carbon disulfide	2.294	76	195667	4.942	ug/L	99
15) Methyl Acetate	2.432	43	22260m	4.497	ug/L	
16) Methylene chloride	2.506	84	67304	4.258	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	131875	4.927	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	68740	4.840	ug/L	95
19) 1,1-Dichloroethane	3.188	63	131393	4.726	ug/L	98
21) 2-Butanone	3.973	43	85413	33.756	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	75847	5.351	ug/L	94
23) Bromochloromethane	4.246	128	28998	4.618	ug/L	94
25) Chloroform	4.371	83	131084	4.490	ug/L	99

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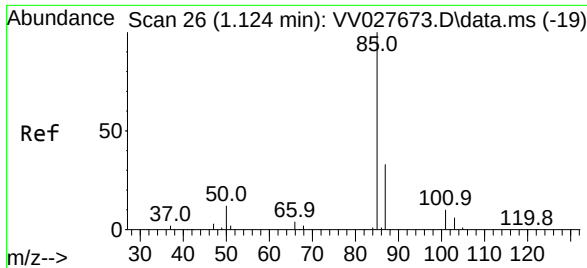
Quant Time: Sep 02 02:22:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	73351	4.602	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	120198	4.782	ug/L	99
30) Cyclohexane	4.673	56	101281	4.777	ug/L	94
31) Carbon tetrachloride	4.825	117	103035	4.791	ug/L	100
33) Benzene	5.095	78	280487	4.947	ug/L	100
34) Trichloroethene	5.911	95	70843	5.083	ug/L	98
35) Methylcyclohexane	6.127	83	102216	4.726	ug/L	97
37) 1,2-Dichloropropane	6.172	63	65686	4.588	ug/L #	96
38) Bromodichloromethane	6.506	83	84731	4.680	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	71973	4.118	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	318985	50.133	ug/L	98
42) Toluene	7.384	91	296052	5.229	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	61615	4.325	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	43309	4.690	ug/L	97
47) Tetrachloroethene	7.972	164	55766	4.935	ug/L	99
48) 2-Hexanone	8.140	43	239348	50.125	ug/L	95
49) Dibromochloromethane	8.242	129	52132	4.765	ug/L	100
50) 1,2-Dibromoethane	8.349	107	38855	4.697	ug/L	96
51) Chlorobenzene	8.879	112	177101	4.962	ug/L	97
52) Ethylbenzene	9.011	91	292368	5.097	ug/L	99
53) m,p-Xylene	9.136	106	114596	5.197	ug/L	98
54) o-Xylene	9.541	106	109171	5.188	ug/L	99
55) Styrene	9.558	104	187217	5.210	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	48503	4.750	ug/L	100
59) Bromoform	9.731	173	25755	4.790	ug/L	99
60) Isopropylbenzene	9.931	105	295922	5.165	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	36796	4.804	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	79701	5.099	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	227406	5.059	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	139905	5.060	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	137342	4.996	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	127623	5.146	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7335	4.809	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	101808	5.107	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	74612	5.078	ug/L	98
71) Naphthalene	13.499	128	99253	4.316	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	69427	5.246	ug/L	95

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



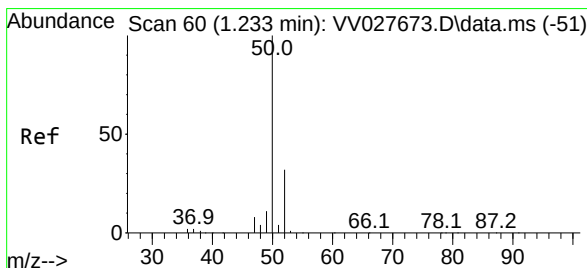
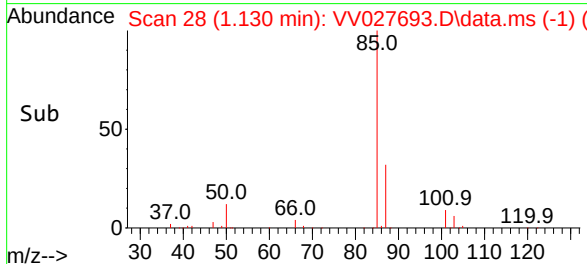
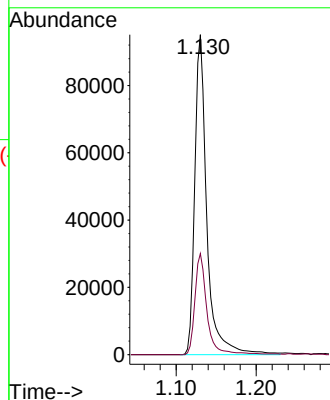
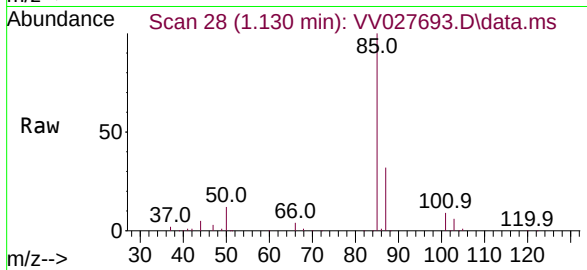
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 Dichlorodifluoromethane
 Concen: 4.870 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.006 min
 Lab File: VV027693.D
 Acq: 02 Sep 2022 01:55

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA1MS

Tgt Ion: 85 Resp: 99602
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.2 39.4

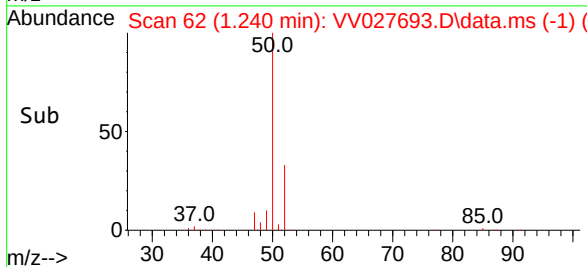
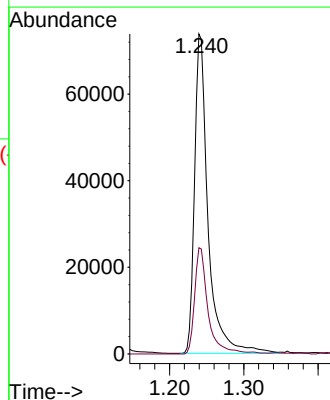
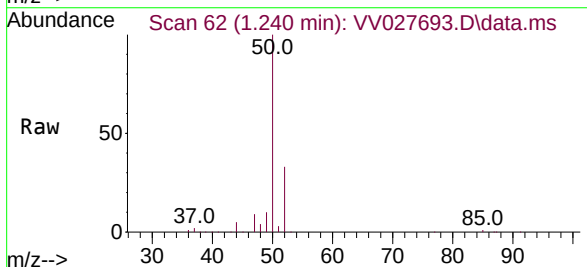
Manual Integrations
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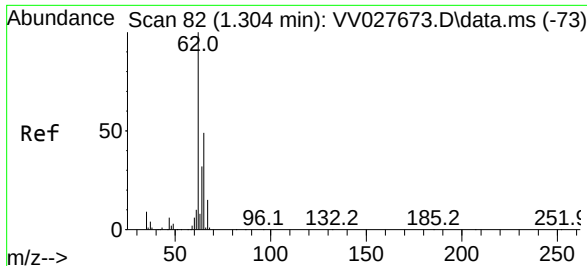
Reviewed By :Krupa Patel 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#3
 Chloromethane
 Concen: 4.751 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.006 min
 Lab File: VV027693.D
 Acq: 02 Sep 2022 01:55

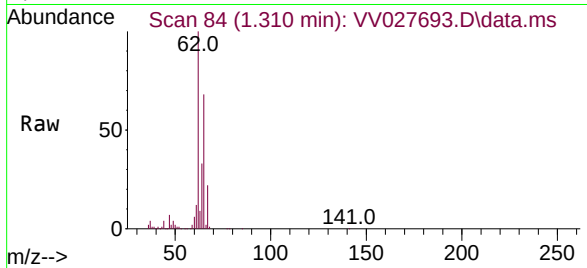
Tgt Ion: 50 Resp: 93036
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.5 43.7





#5
 Vinyl chloride
 Concen: 4.878 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VV027693.D
 Acq: 02 Sep 2022 01:55

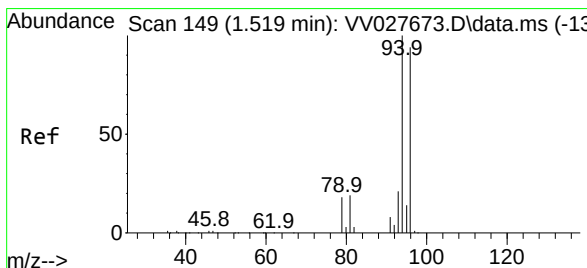
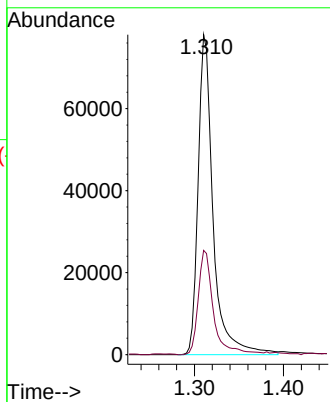
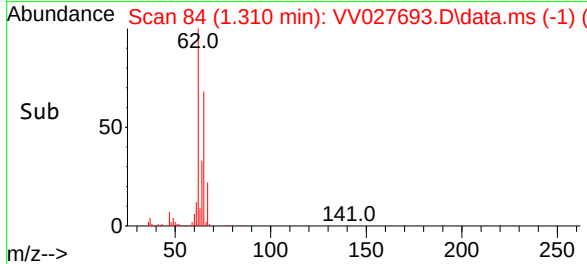
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 ClientSampleId :
 DBVA1MS



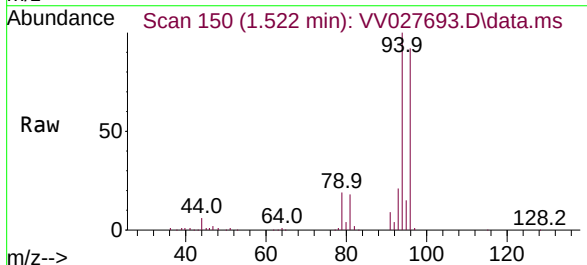
Tgt Ion: 62 Resp: 90948
 Ion Ratio Lower Upper
 62 100
 64 32.6 21.8 40.4

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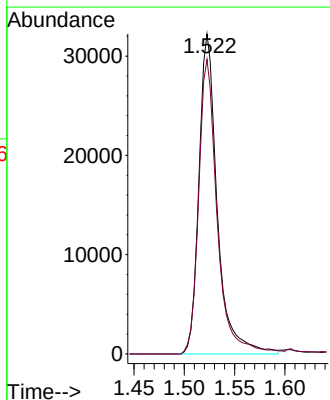
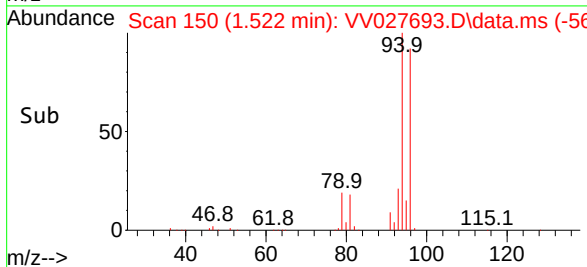
Reviewed By :Krupa Patel 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

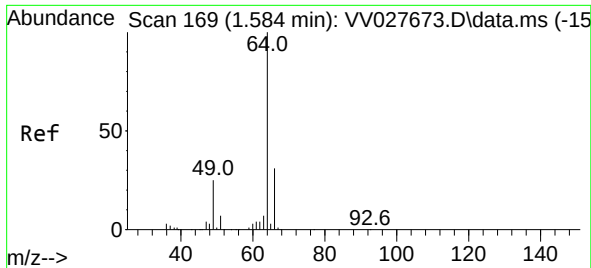


#6
 Bromomethane
 Concen: 4.667 ug/L
 RT: 1.522 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV027693.D
 Acq: 02 Sep 2022 01:55



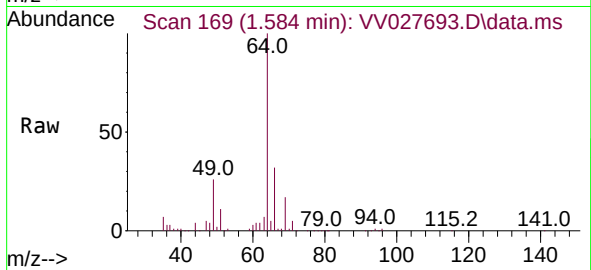
Tgt Ion: 94 Resp: 40895
 Ion Ratio Lower Upper
 94 100
 96 92.0 65.1 120.9





#8
Chloroethane
Concen: 5.005 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

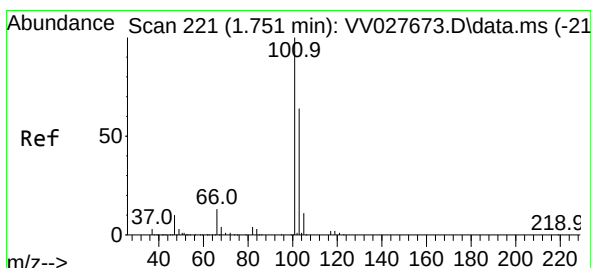
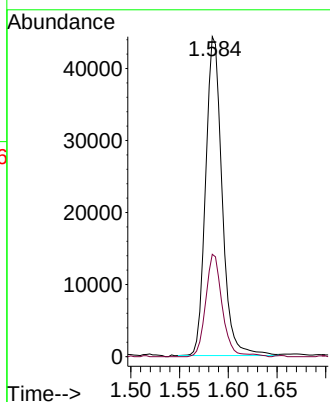
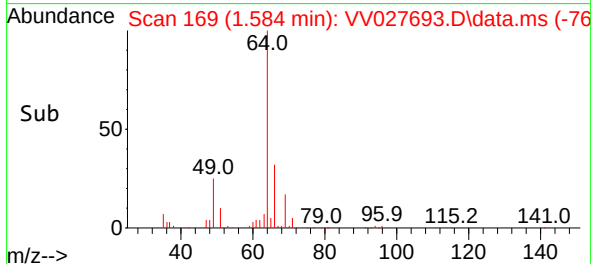
Instrument : MSVOA_V
ClientSampleId : DBVA1MS



Tgt Ion: 64 Resp: 52156
Ion Ratio Lower Upper
64 100
66 32.0 24.0 44.6

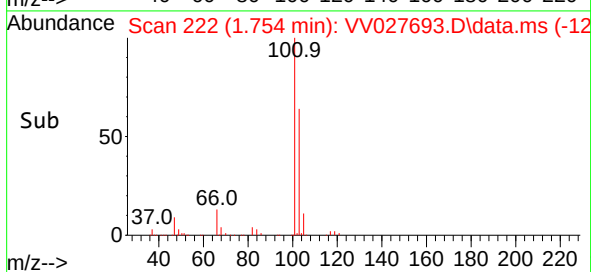
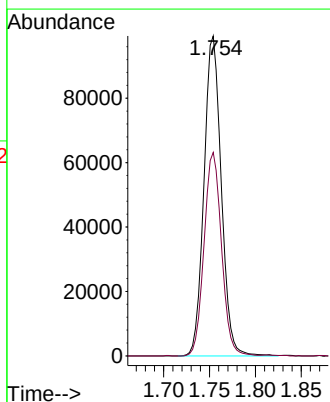
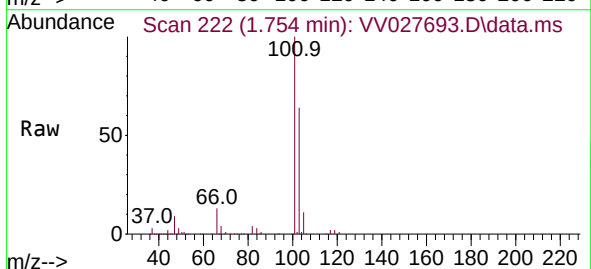
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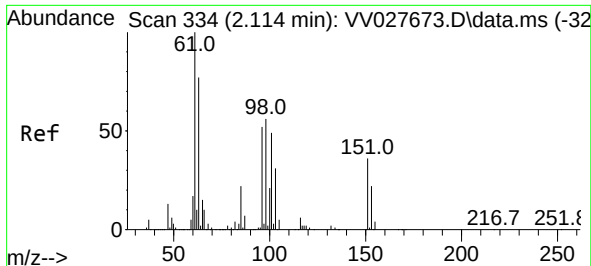
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#9
Trichlorofluoromethane
Concen: 5.207 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Tgt Ion:101 Resp: 130206
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.722 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

Instrument :

MSVOA_V

ClientSampleId :

DBVA1MS

Tgt Ion:101 Resp: 64280

Ion Ratio Lower Upper

101 100

85 43.2 36.7 55.1

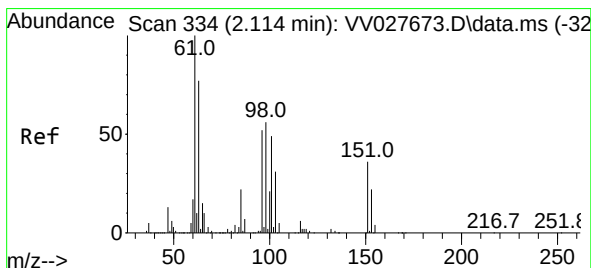
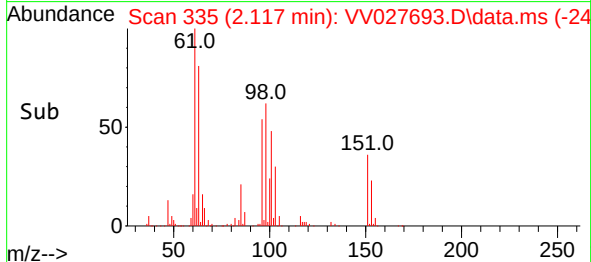
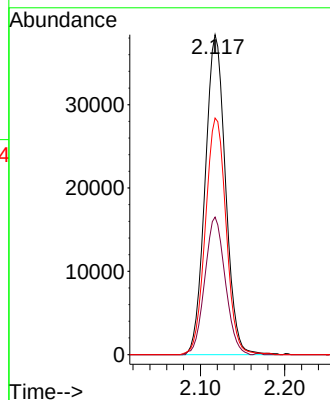
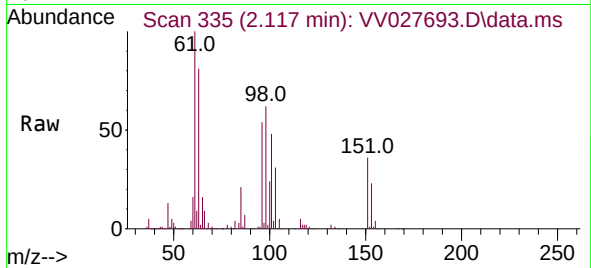
151 75.3 60.9 91.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#12

1,1-Dichloroethene

Concen: 4.985 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

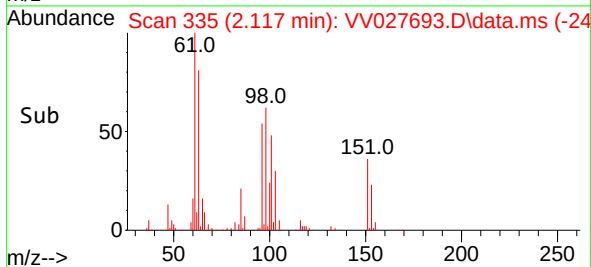
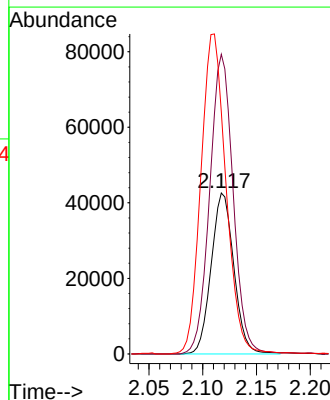
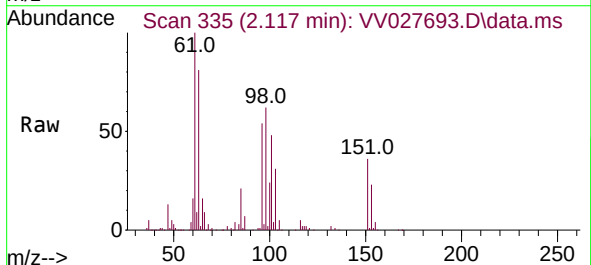
Tgt Ion: 96 Resp: 62463

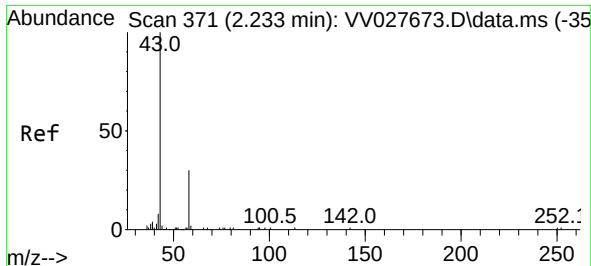
Ion Ratio Lower Upper

96 100

61 186.3 134.3 249.3

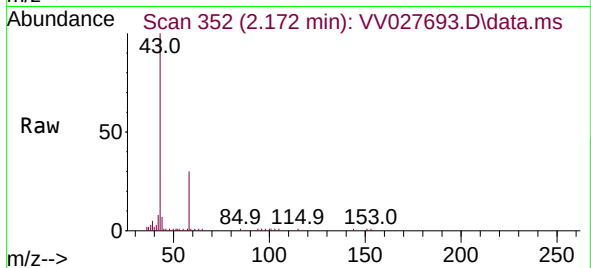
63 150.4 105.7 196.3





#13
Acetone
Concen: 45.180 ug/L m
RT: 2.172 min Scan# 3
Delta R.T. -0.061 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

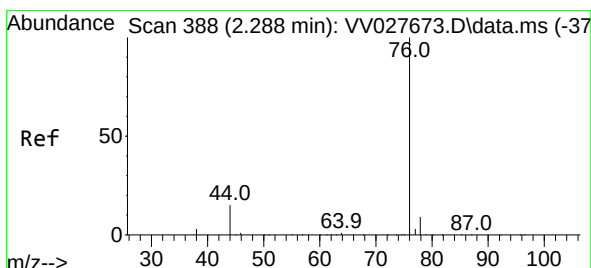
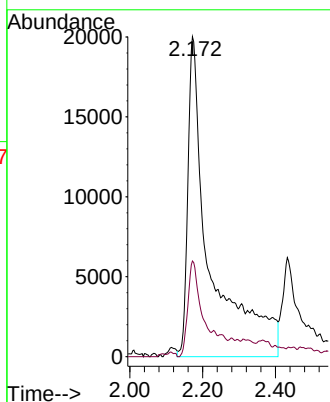
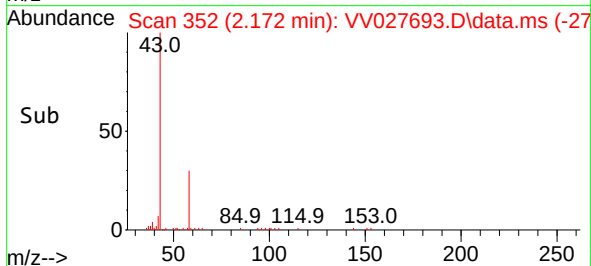
Instrument :
MSVOA_V
ClientSampleId :
DBVA1MS



Tgt Ion: 43 Resp: 84292
Ion Ratio Lower Upper
43 100
58 17.9 0.0 38.4

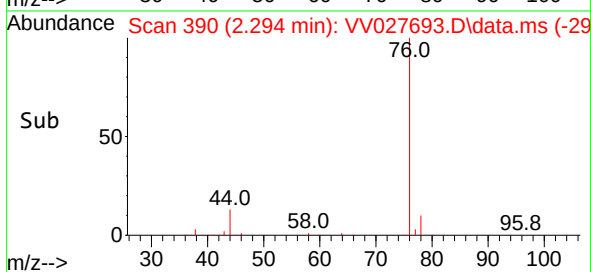
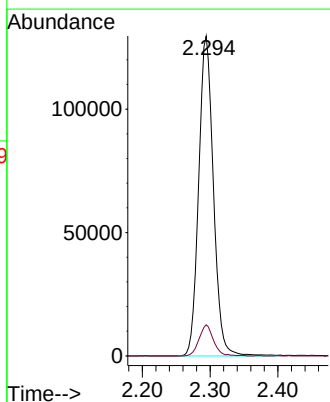
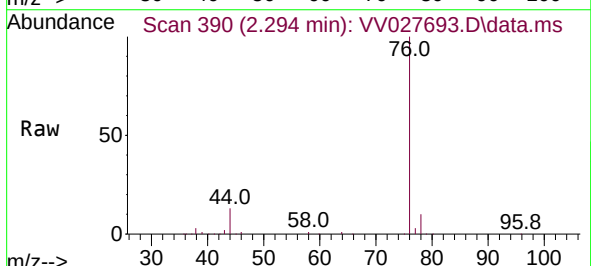
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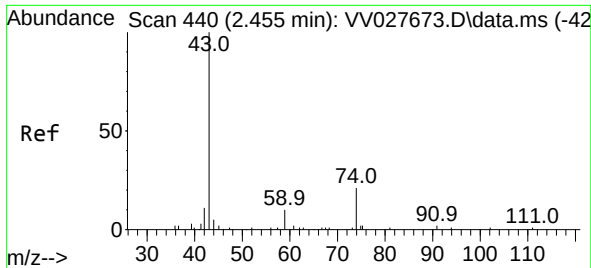
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#14
Carbon disulfide
Concen: 4.942 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

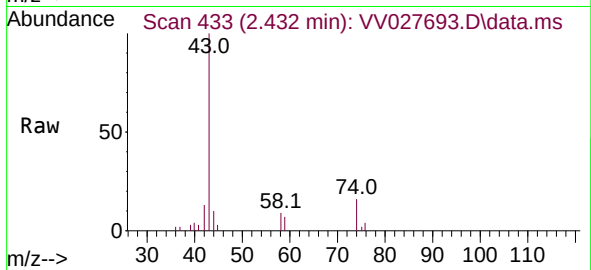
Tgt Ion: 76 Resp: 195667
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0





#15
Methyl Acetate
Concen: 4.497 ug/L m
RT: 2.432 min Scan# 43
Delta R.T. -0.023 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

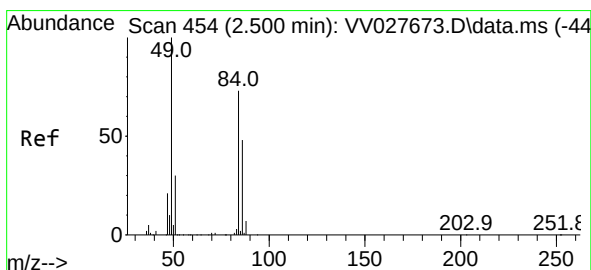
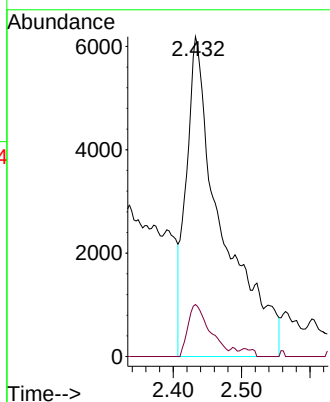
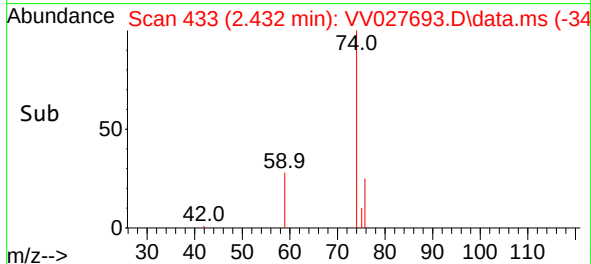
Instrument :
MSVOA_V
ClientSampleId :
DBVA1MS



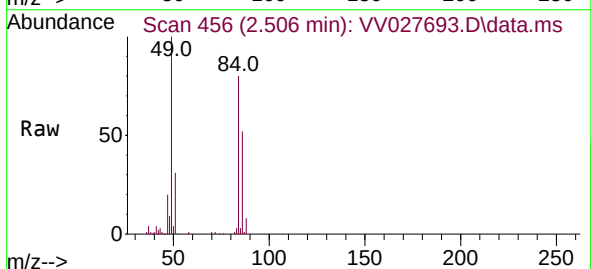
Tgt Ion: 43 Resp: 22260
Ion Ratio Lower Upper
43 100
74 10.0 18.2 27.4

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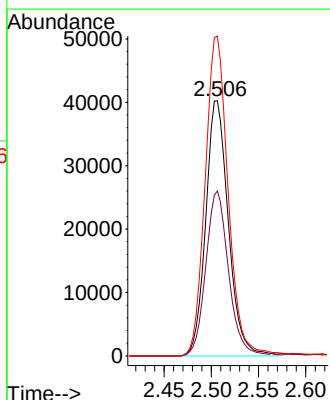
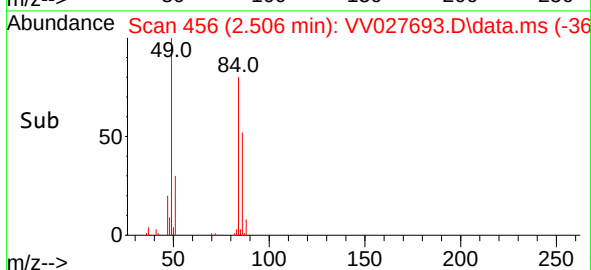
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

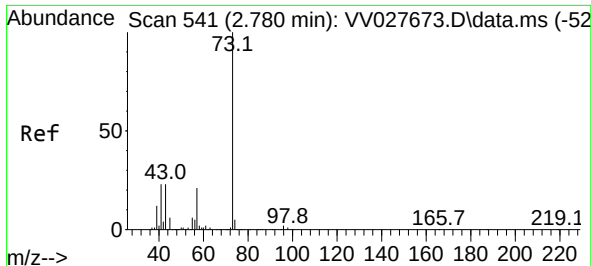


#16
Methylene chloride
Concen: 4.258 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.006 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55



Tgt Ion: 84 Resp: 67304
Ion Ratio Lower Upper
84 100
86 64.6 43.9 81.5
49 125.4 92.5 171.7





#17

Methyl tert-butyl Ether

Concen: 4.927 ug/L

RT: 2.767 min Scan# 531

Delta R.T. -0.013 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

Instrument :

MSVOA_V

ClientSampleId :

DBVA1MS

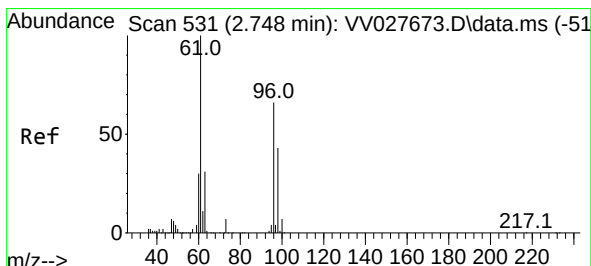
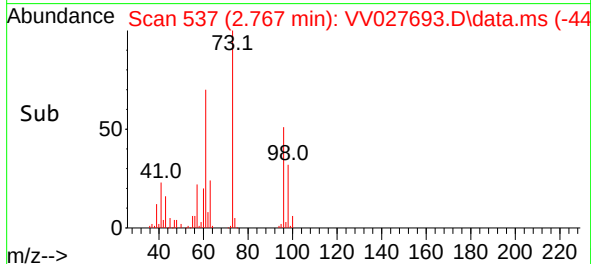
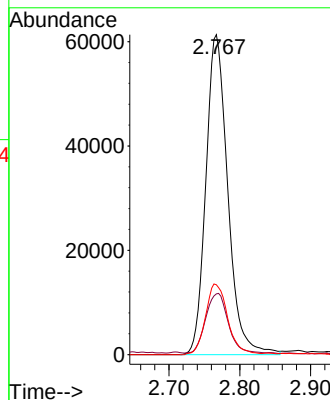
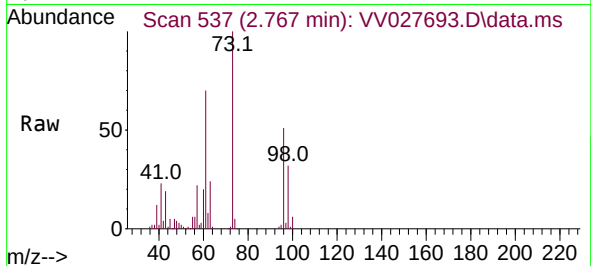
Tgt Ion: 73	Resp: 131875
Ion Ratio	Lower Upper
73	100
43	18.9 16.5 24.7
57	22.3 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#18

trans-1,2-Dichloroethene

Concen: 4.840 ug/L

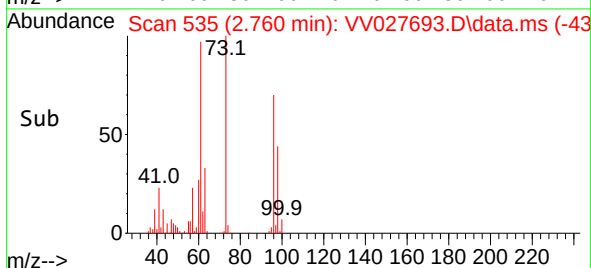
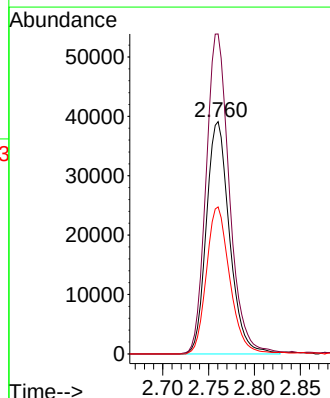
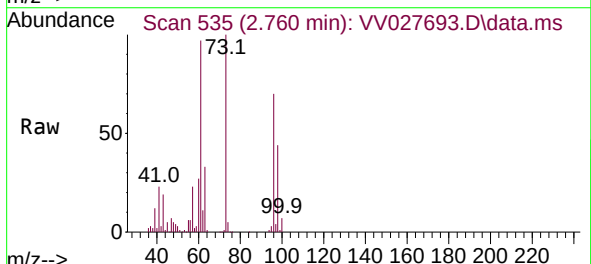
RT: 2.760 min Scan# 535

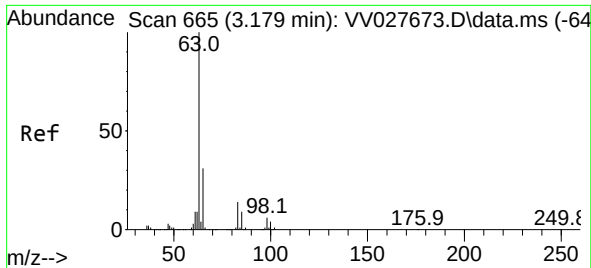
Delta R.T. 0.013 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

Tgt Ion: 96	Resp: 68740
Ion Ratio	Lower Upper
96	100
61	137.8 101.8 189.0
98	63.3 44.9 83.3





#19

1,1-Dichloroethane

Concen: 4.726 ug/L

RT: 3.188 min Scan# 60

Delta R.T. 0.009 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

Instrument :

MSVOA_V

ClientSampleId :

DBVA1MS

Tgt Ion: 63 Resp: 131393

Ion Ratio Lower Upper

63 100

65 30.7 22.7 42.1

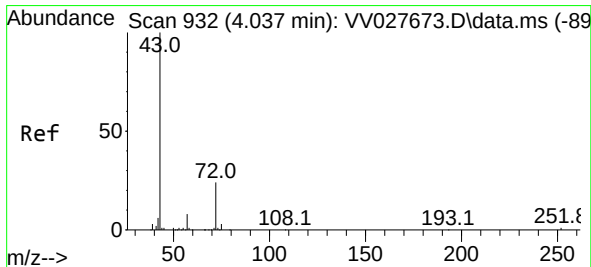
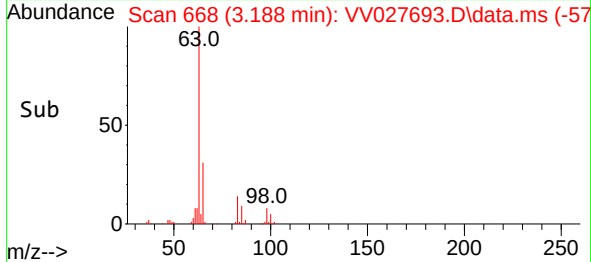
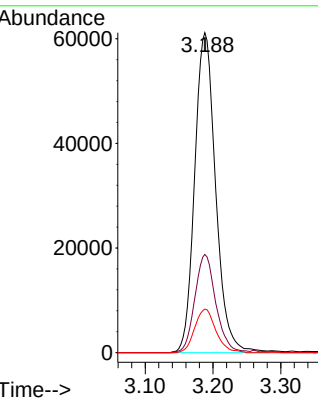
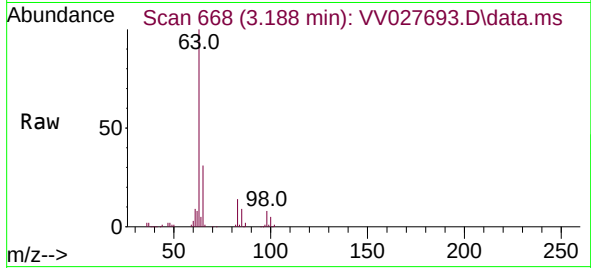
83 13.6 9.7 18.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#21

2-Butanone

Concen: 33.756 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.064 min

Lab File: VV027693.D

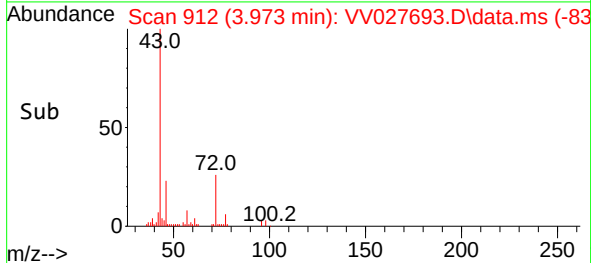
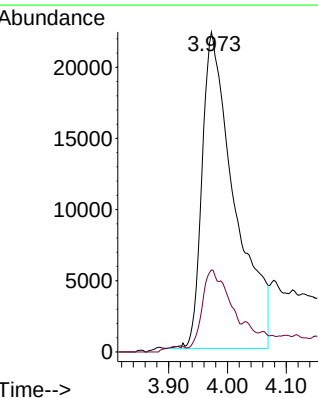
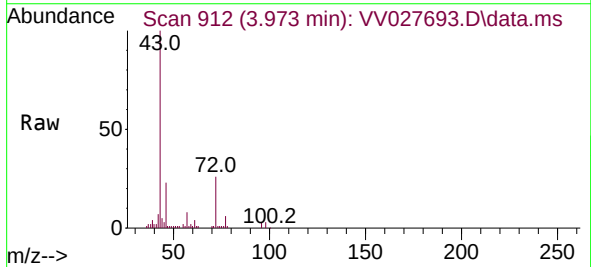
Acq: 02 Sep 2022 01:55

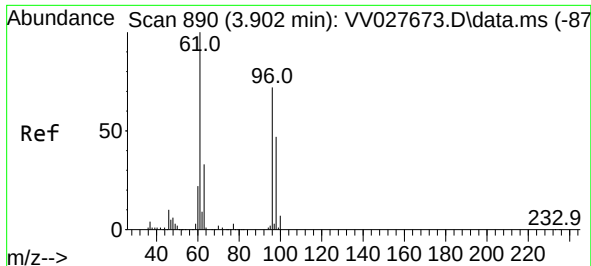
Tgt Ion: 43 Resp: 85413

Ion Ratio Lower Upper

43 100

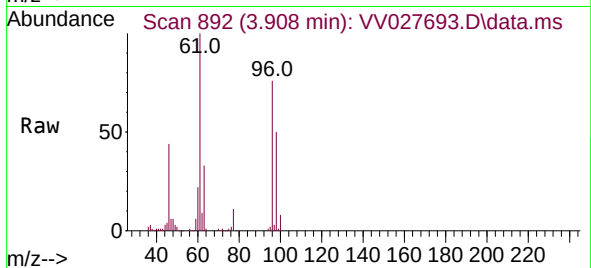
72 20.2 8.3 24.9





#22
 cis-1,2-Dichloroethene
 Concen: 5.351 ug/L
 RT: 3.908 min Scan# 890
 Delta R.T. 0.006 min
 Lab File: VV027693.D
 Acq: 02 Sep 2022 01:55

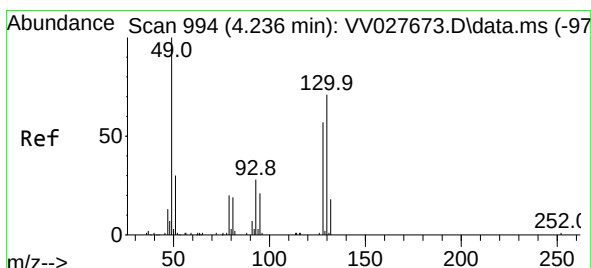
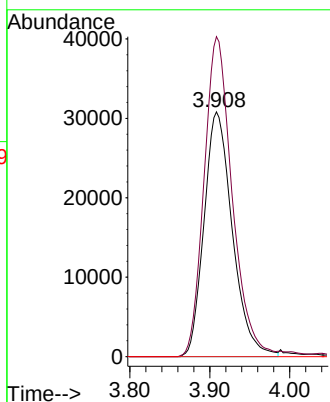
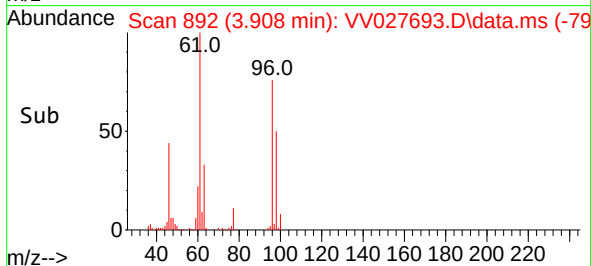
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA1MS



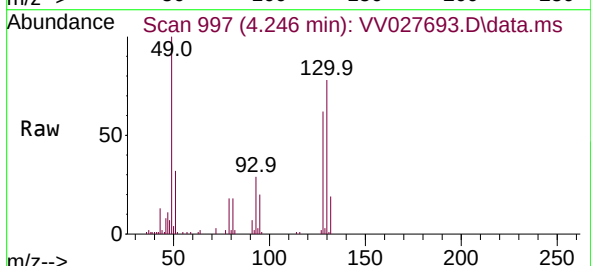
Tgt Ion: 96 Resp: 7584
 Ion Ratio Lower Upper
 96 100
 61 130.8 96.9 180.1
 68 0.0 0.0 0.0

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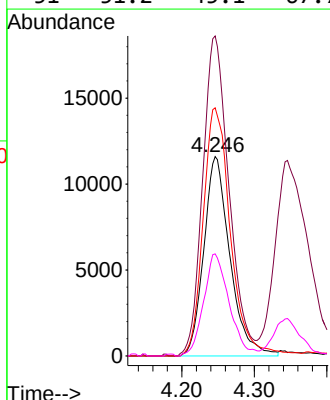
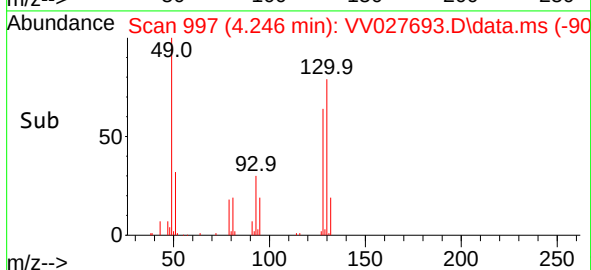
Reviewed By :Krupa Patel 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

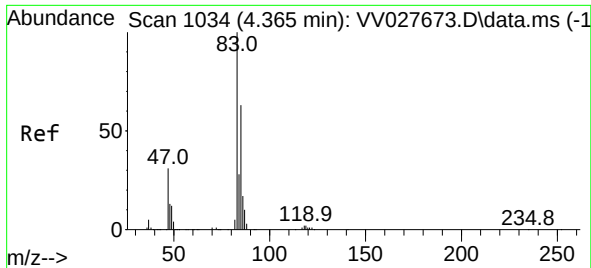


#23
 Bromochloromethane
 Concen: 4.618 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.009 min
 Lab File: VV027693.D
 Acq: 02 Sep 2022 01:55



Tgt Ion:128 Resp: 28998
 Ion Ratio Lower Upper
 128 100
 49 160.6 120.1 223.1
 130 124.5 89.0 165.4
 51 51.2 45.1 67.7





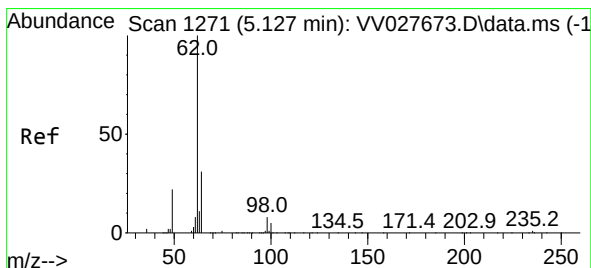
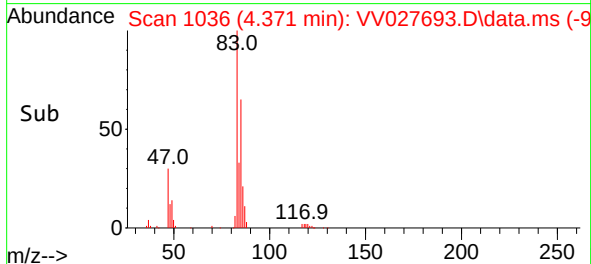
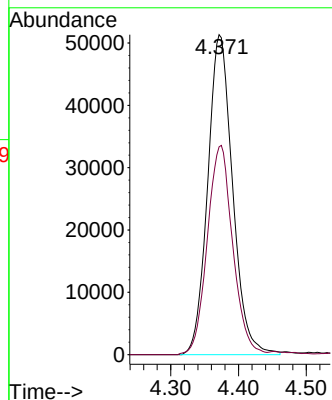
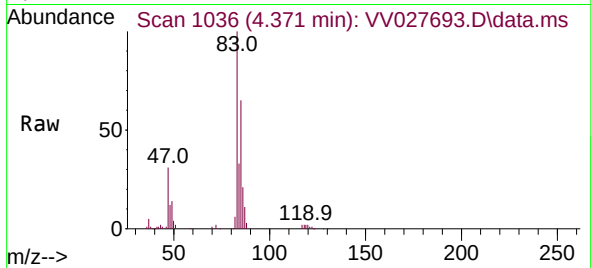
#25
Chloroform
Concen: 4.490 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Instrument :
MSVOA_V
ClientSampleId :
DBVA1MS

Tgt Ion: 83 Resp: 131084
Ion Ratio Lower Upper
83 100
85 64.9 44.7 83.1

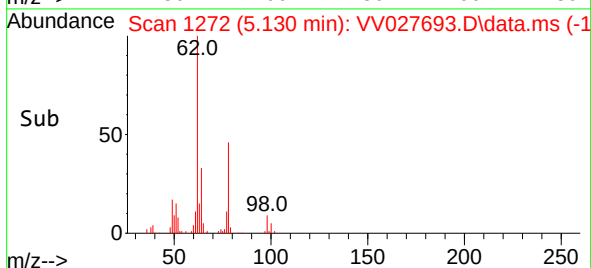
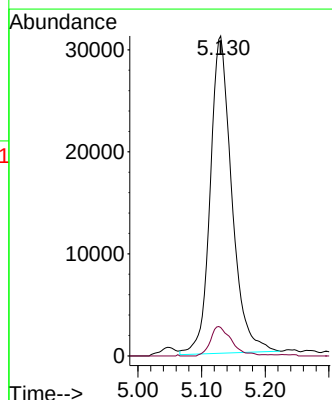
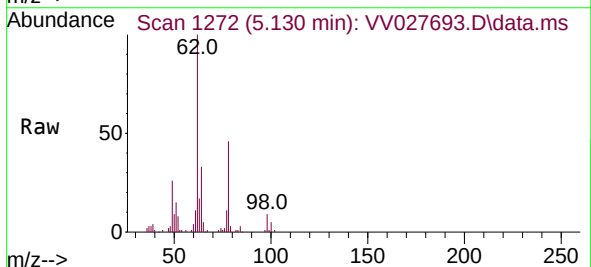
Manual Integrations
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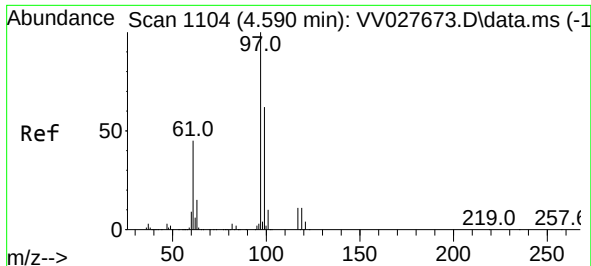
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#27
1,2-Dichloroethane
Concen: 4.602 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Tgt Ion: 62 Resp: 73351
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 4.782 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.016 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

Instrument :

MSVOA_V

ClientSampleId :

DBVA1MS

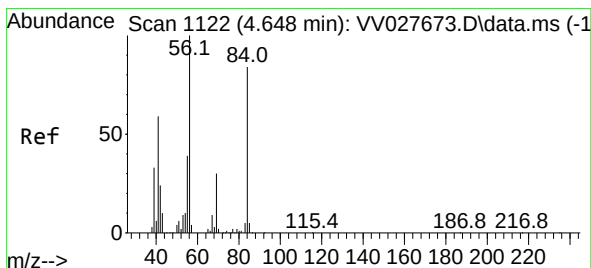
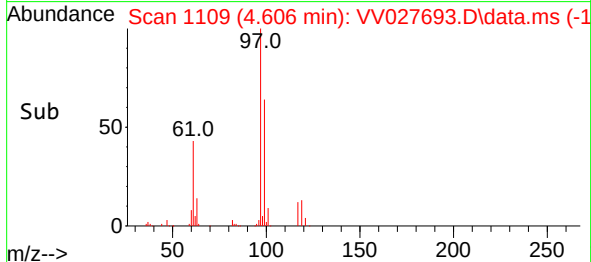
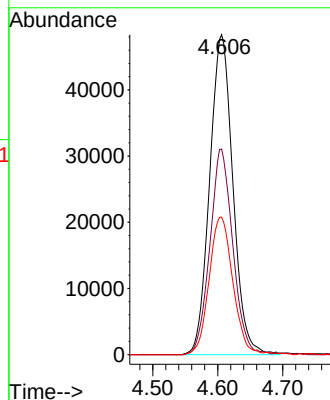
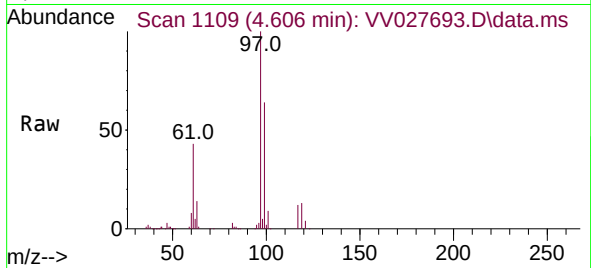
Tgt Ion: 97	Resp: 120198
Ion Ratio	Lower Upper
97 100	
99 63.3	50.6 75.8
61 43.8	36.1 54.1

Manual Integrations

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Reviewed By :Krupa Patel 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#30

Cyclohexane

Concen: 4.777 ug/L

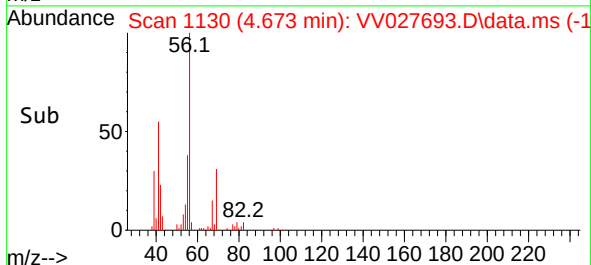
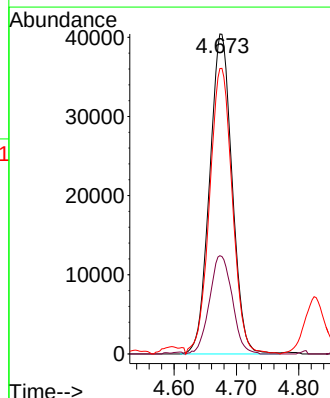
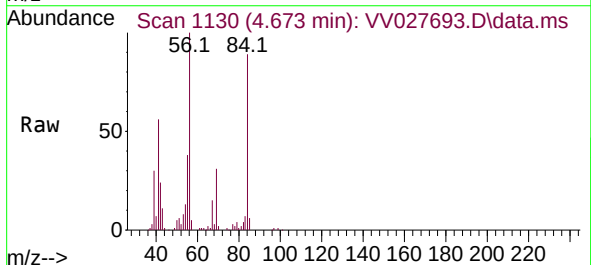
RT: 4.673 min Scan# 1130

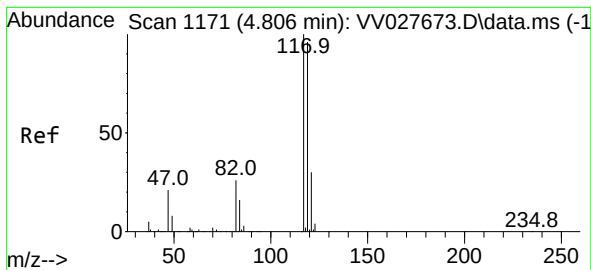
Delta R.T. 0.026 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

Tgt Ion: 56	Resp: 101281
Ion Ratio	Lower Upper
56 100	
69 31.0	24.1 36.1
84 90.4	66.9 100.3





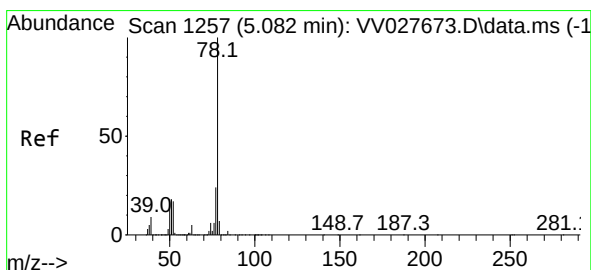
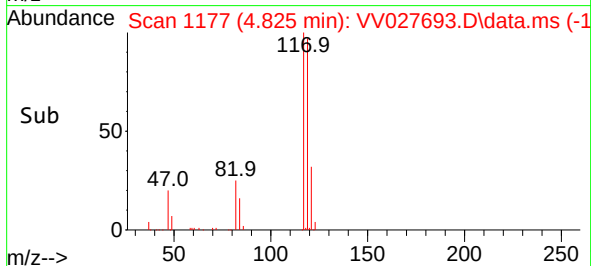
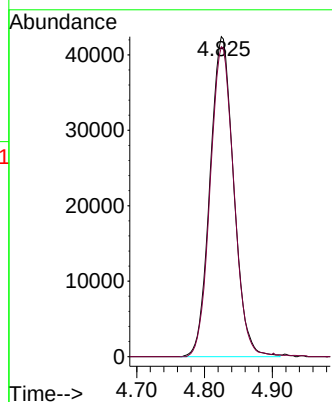
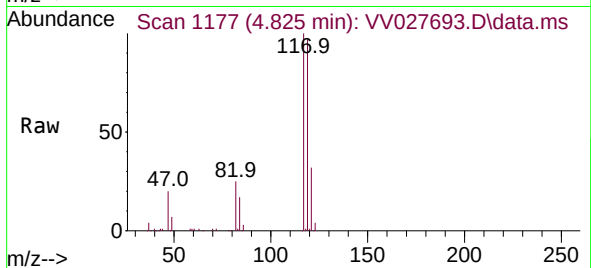
#31
Carbon tetrachloride
Concen: 4.791 ug/L
RT: 4.825 min Scan# 1171
Delta R.T. 0.019 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Instrument : MSVOA_V
ClientSampleId : DBVA1MS

Tgt Ion:117 Resp: 103035
Ion Ratio Lower Upper
117 100
119 96.5 76.8 115.2

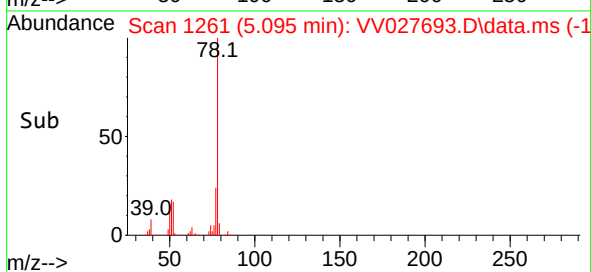
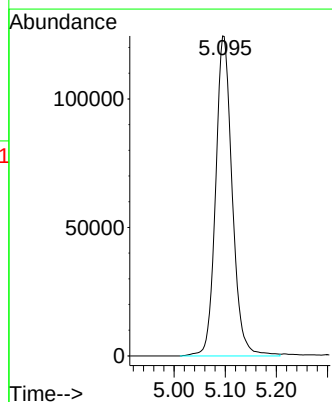
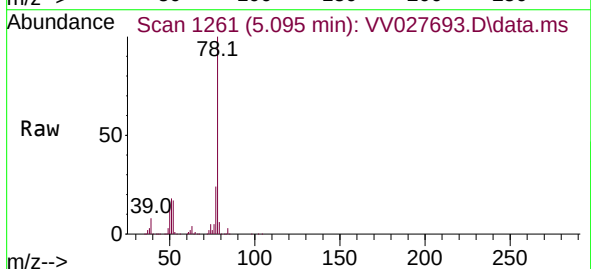
Manual Integrations
APPROVED

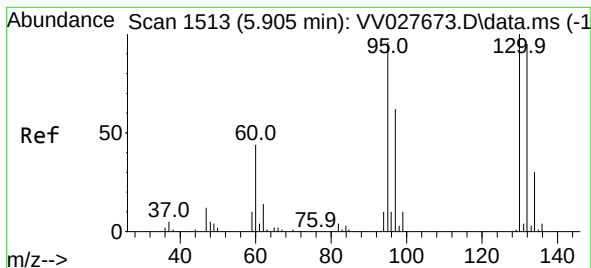
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#33
Benzene
Concen: 4.947 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.013 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Tgt Ion: 78 Resp: 280487





#34

Trichloroethene

Concen: 5.083 ug/L

RT: 5.911 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

Instrument :

MSVOA_V

ClientSampleId :

DBVA1MS

Tgt Ion: 95 Resp: 70843

Ion Ratio Lower Upper

95 100

97 64.5 46.1 85.5

132 97.2 67.3 125.1

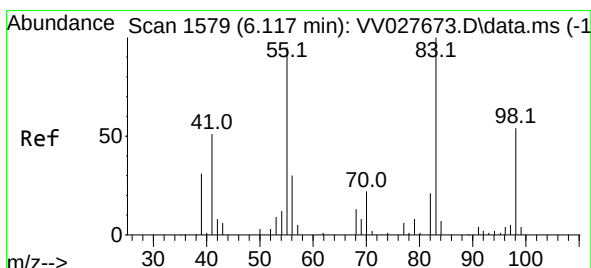
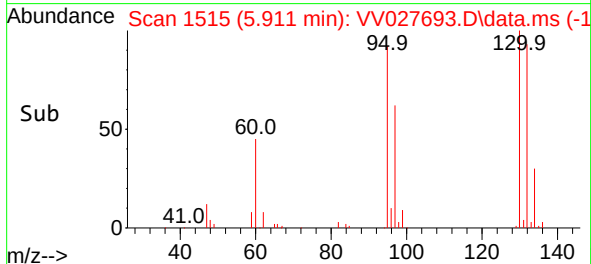
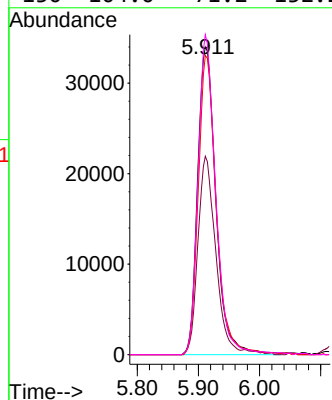
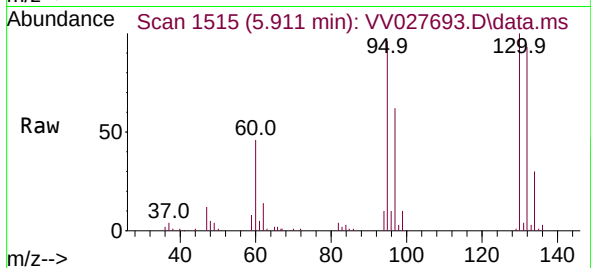
130 104.0 71.2 132.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#35

Methylcyclohexane

Concen: 4.726 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.009 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

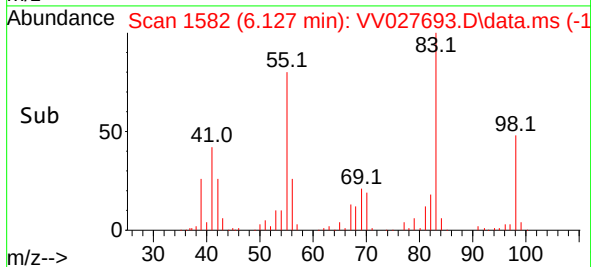
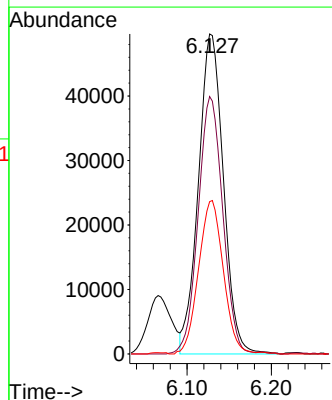
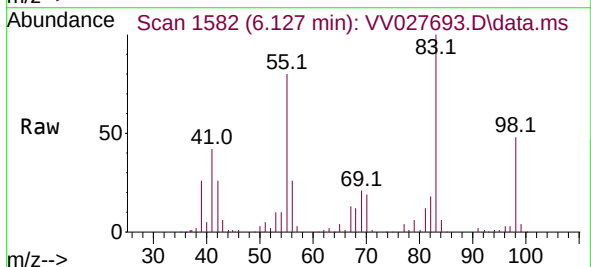
Tgt Ion: 83 Resp: 102216

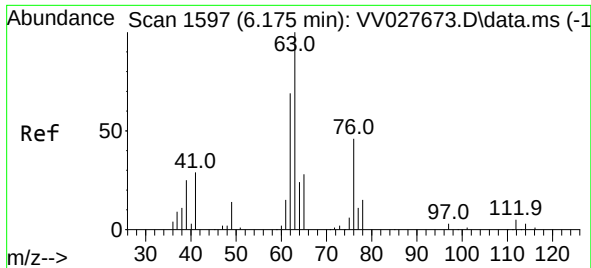
Ion Ratio Lower Upper

83 100

55 79.0 66.0 99.0

98 47.4 36.9 55.3





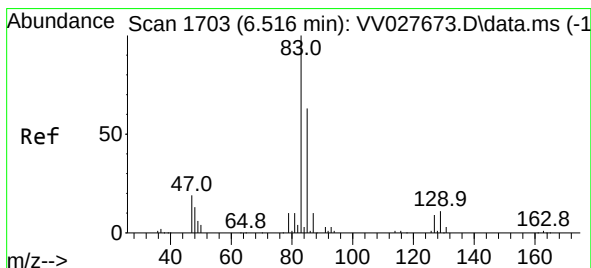
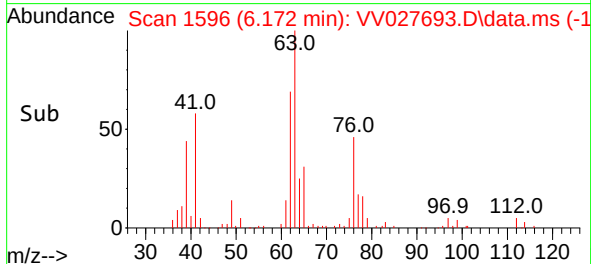
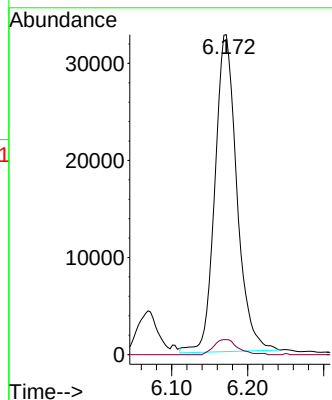
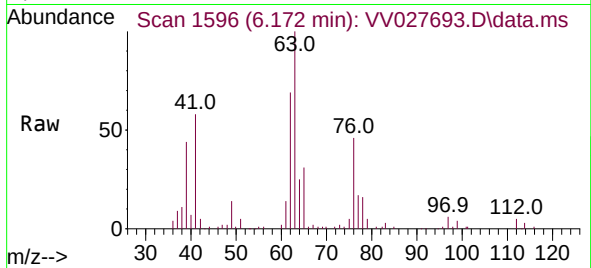
#37
1,2-Dichloropropane
Concen: 4.588 ug/L
RT: 6.172 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Instrument :
MSVOA_V
ClientSampleId :
DBVA1MS

Tgt Ion: 63 Resp: 65686
Ion Ratio Lower Upper
63 100
112 5.0 2.9 4.3

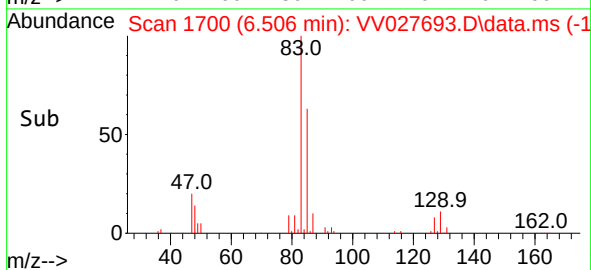
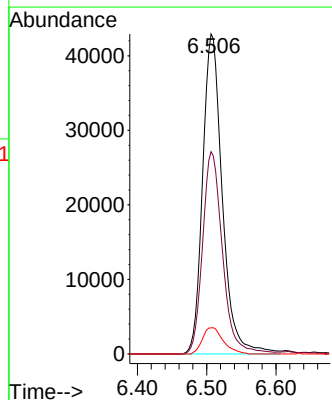
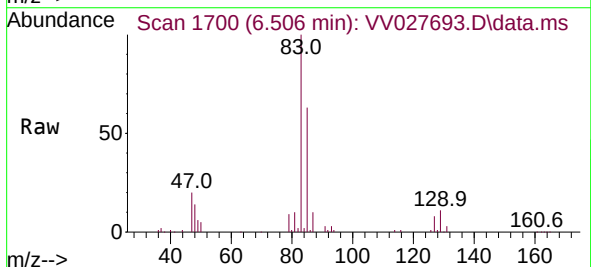
Manual Integrations
APPROVED

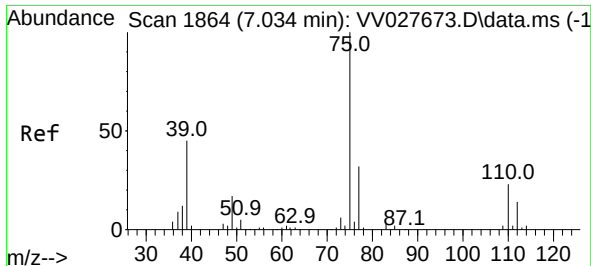
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#38
Bromodichloromethane
Concen: 4.680 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.010 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Tgt Ion: 83 Resp: 84731
Ion Ratio Lower Upper
83 100
85 63.2 45.2 84.0
127 8.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.118 ug/L

RT: 7.024 min Scan# 1864

Delta R.T. -0.010 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

Instrument :

MSVOA_V

ClientSampleId :

DBVA1MS

Tgt Ion: 75 Resp: 71973

Ion Ratio Lower Upper

75 100

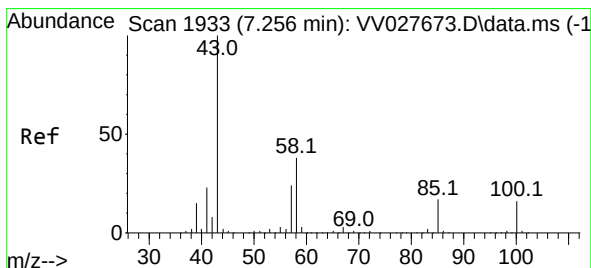
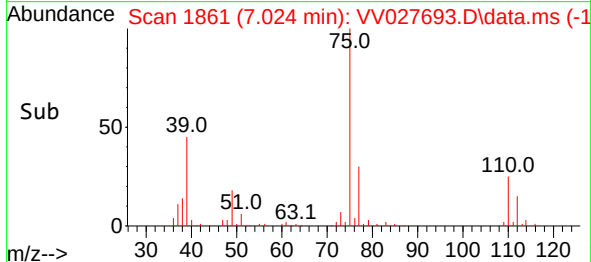
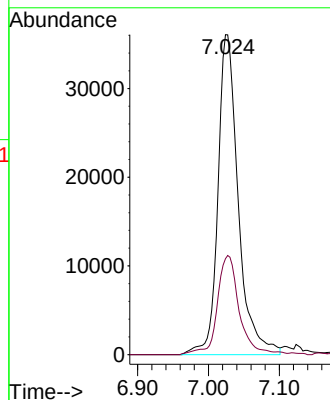
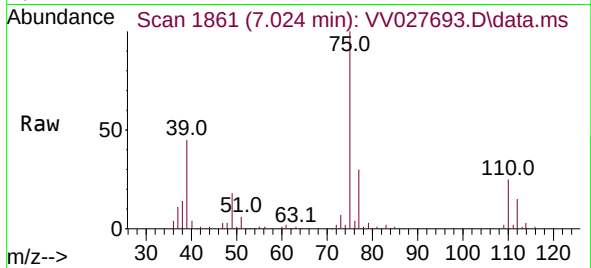
77 30.0 22.3 41.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#40

4-Methyl-2-pentanone

Concen: 50.133 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.029 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

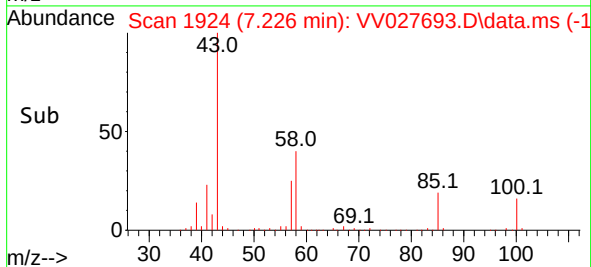
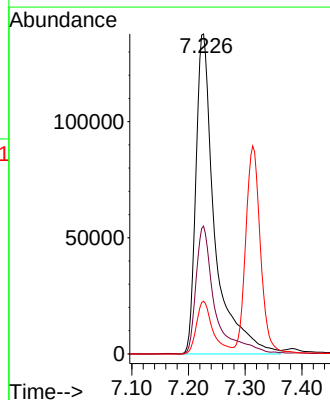
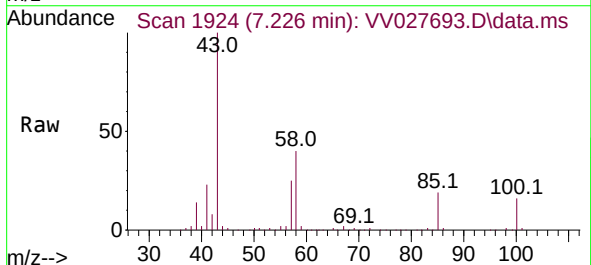
Tgt Ion: 43 Resp: 318985

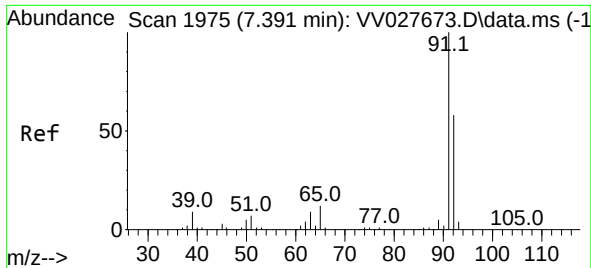
Ion Ratio Lower Upper

43 100

58 40.3 31.4 47.0

100 14.5 10.5 15.7





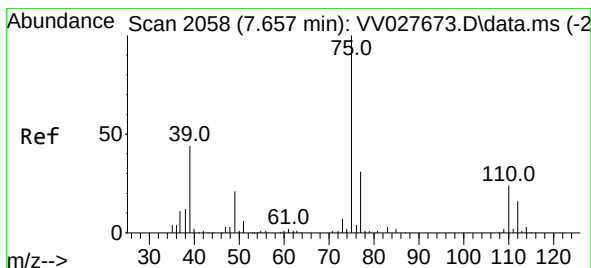
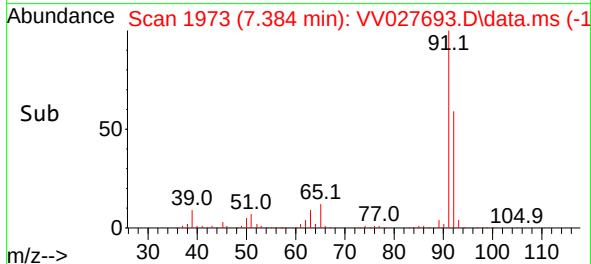
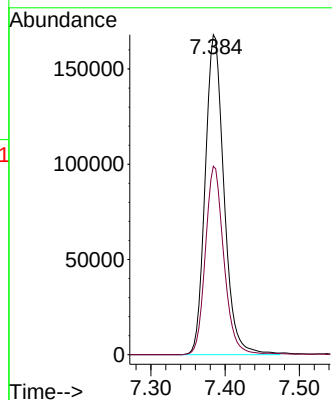
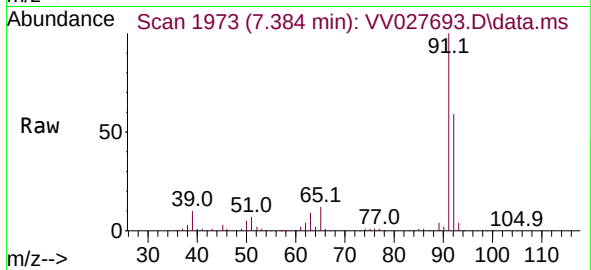
#42
Toluene
Concen: 5.229 ug/L
RT: 7.384 min Scan# 1975
Delta R.T. -0.007 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Instrument :
MSVOA_V
ClientSampleId :
DBVA1MS

Tgt Ion: 91 Resp: 296052
Ion Ratio Lower Upper
91 100
92 58.9 40.6 75.4

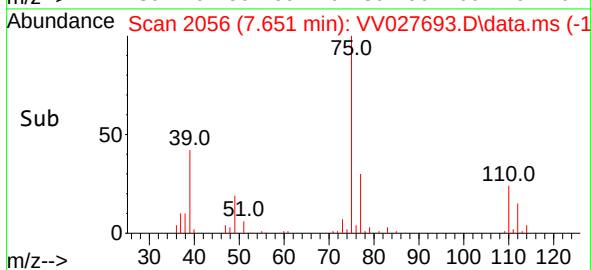
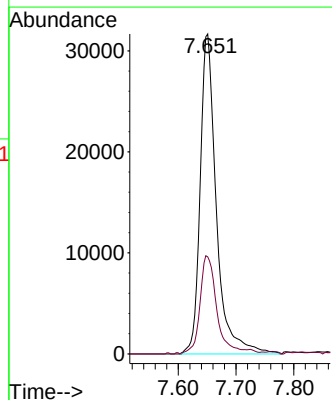
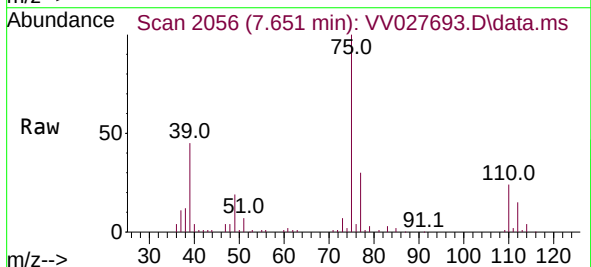
Manual Integrations
APPROVED

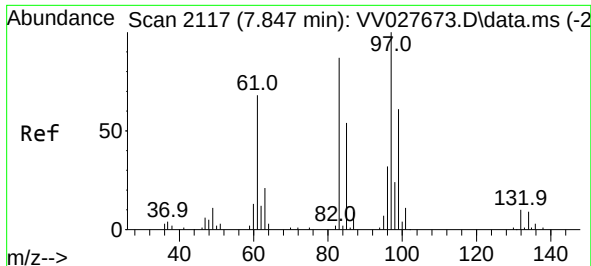
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#44
trans-1,3-Dichloropropene
Concen: 4.325 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.007 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Tgt Ion: 75 Resp: 61615
Ion Ratio Lower Upper
75 100
77 30.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 4.690 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.010 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

Instrument :

MSVOA_V

ClientSampleId :

DBVA1MS

Tgt Ion: 97 Resp: 43309

Ion Ratio Lower Upper

97 100

99 62.2 41.3 76.7

83 86.0 57.5 106.9

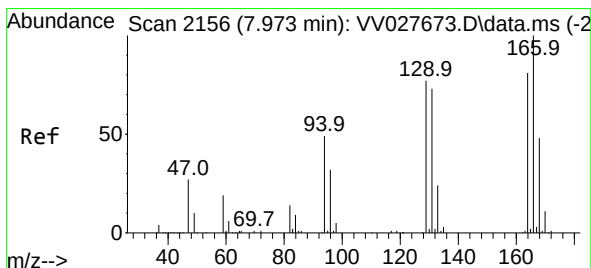
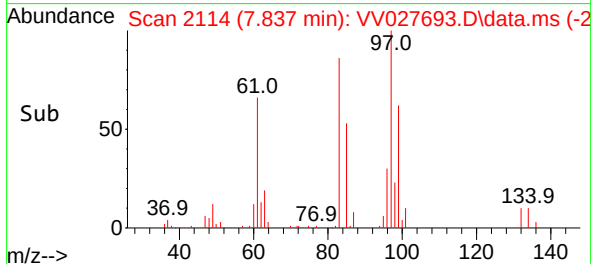
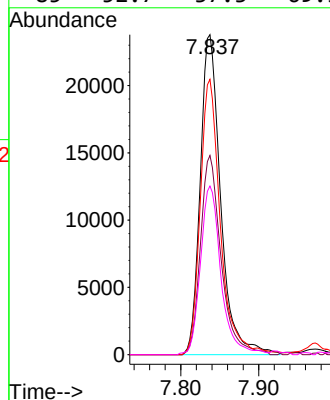
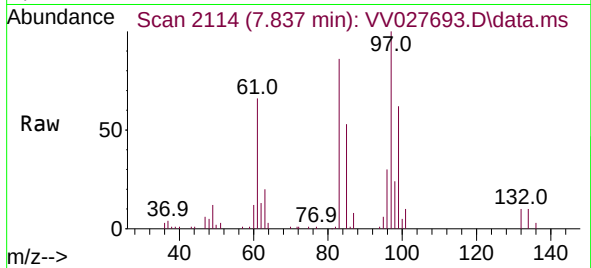
85 52.7 37.3 69.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#47

Tetrachloroethene

Concen: 4.935 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

Tgt Ion:164 Resp: 55766

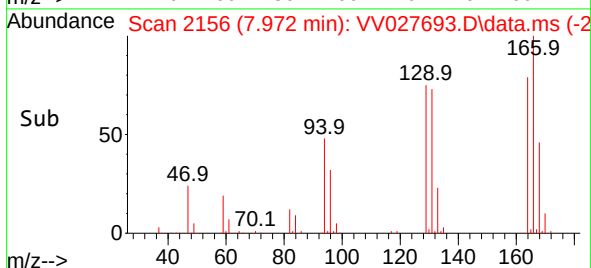
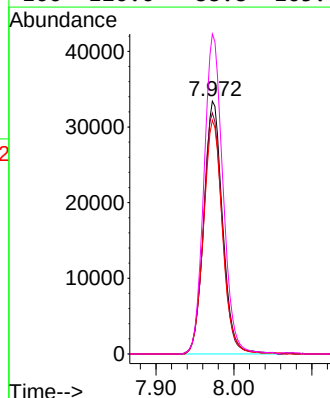
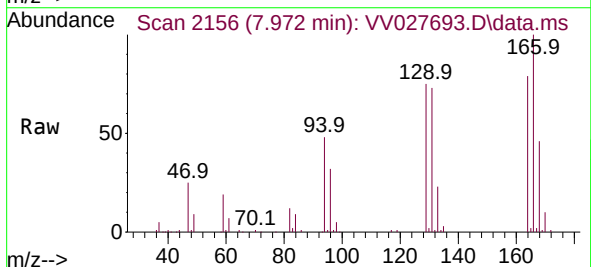
Ion Ratio Lower Upper

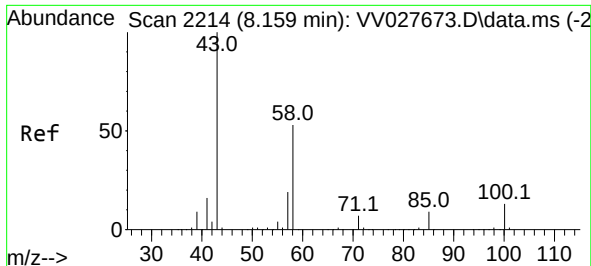
164 100

129 95.3 65.9 122.3

131 92.5 64.5 119.7

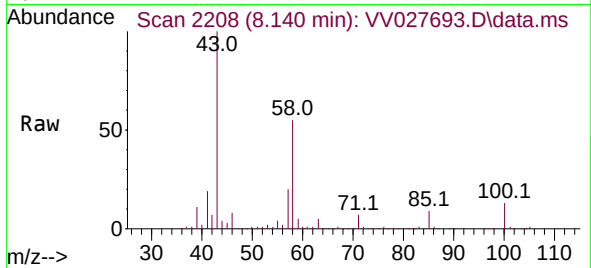
166 126.6 88.8 165.0





#48
2-Hexanone
Concen: 50.125 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.019 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

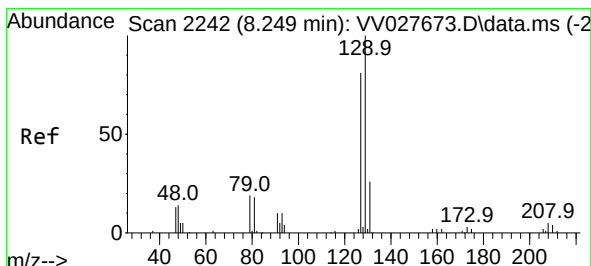
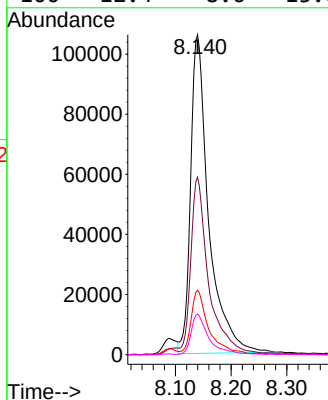
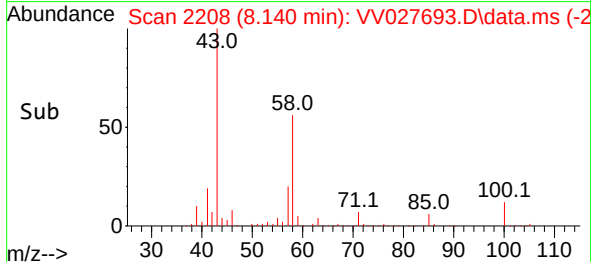
Instrument :
MSVOA_V
ClientSampleId :
DBVA1MS



Tgt Ion: 43 Resp: 239348
Ion Ratio Lower Upper
43 100
58 56.4 42.1 63.1
57 19.5 14.5 21.7
100 12.4 8.6 13.0

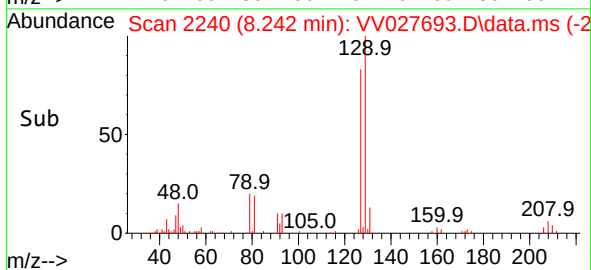
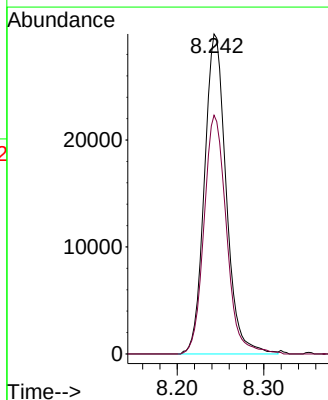
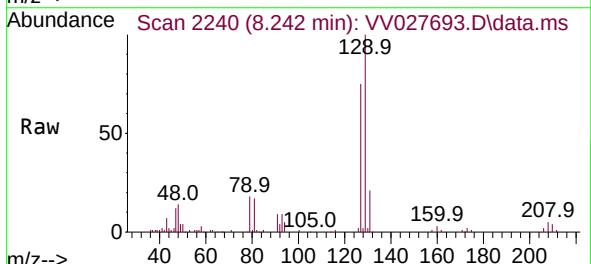
Manual Integrations
APPROVED

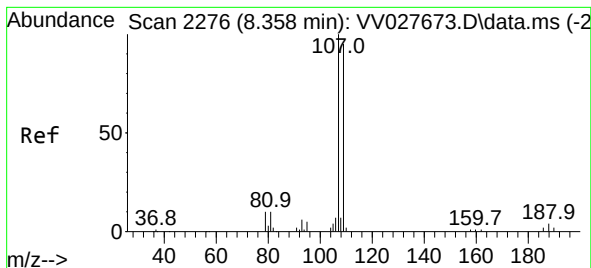
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#49
Dibromochloromethane
Concen: 4.765 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.007 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Tgt Ion:129 Resp: 52132
Ion Ratio Lower Upper
129 100
127 74.6 52.4 97.4





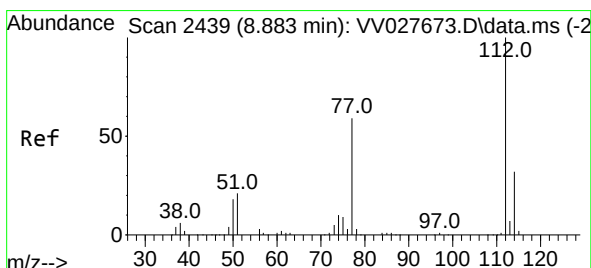
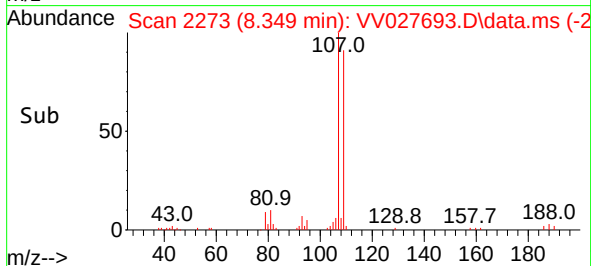
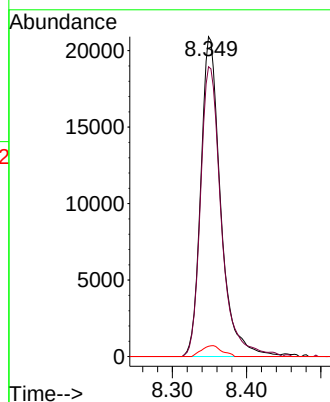
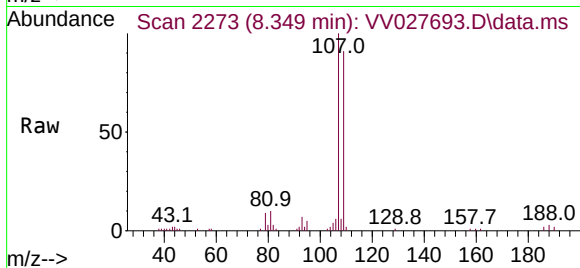
#50
1,2-Dibromoethane
Concen: 4.697 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.010 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Instrument :
MSVOA_V
ClientSampleId :
DBVA1MS

Tgt Ion:107 Resp: 3885
Ion Ratio Lower Upper
107 100
109 90.6 66.2 123.0
188 3.2 2.6 3.8

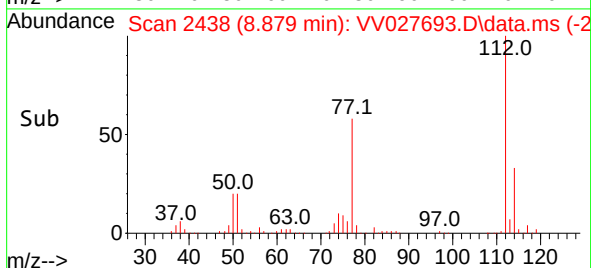
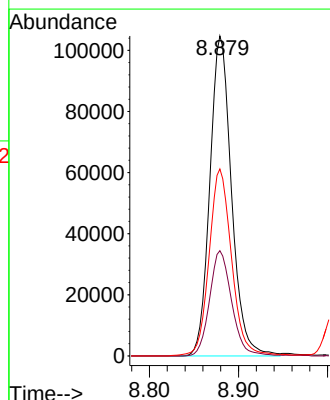
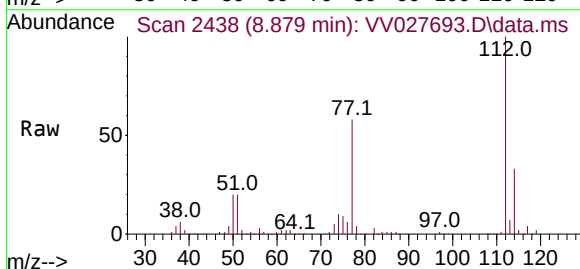
Manual Integrations
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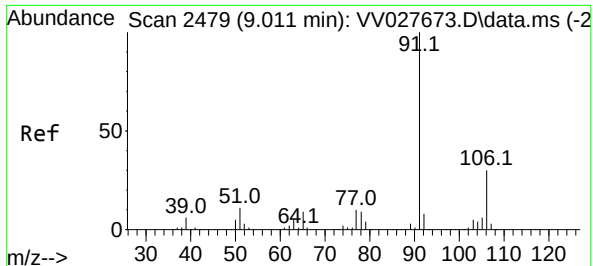
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#51
Chlorobenzene
Concen: 4.962 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Tgt Ion:112 Resp: 177101
Ion Ratio Lower Upper
112 100
114 32.9 22.3 41.3
77 58.4 48.5 72.7





#52

Ethylbenzene

Concen: 5.097 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

Instrument :

MSVOA_V

ClientSampleId :

DBVA1MS

Tgt Ion: 91 Resp: 292368

Ion Ratio Lower Upper

91 100

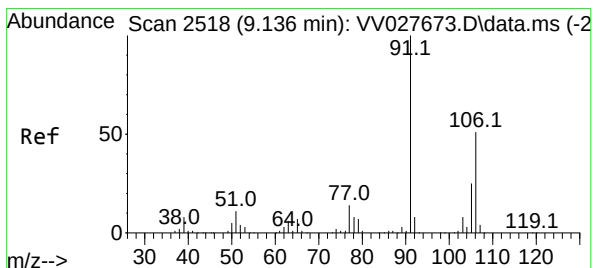
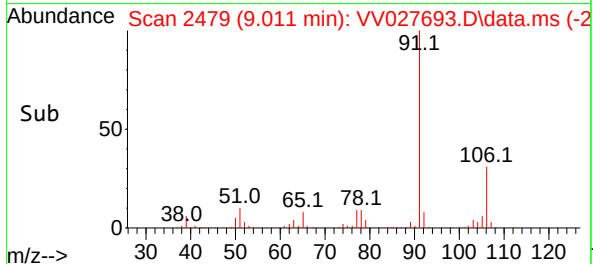
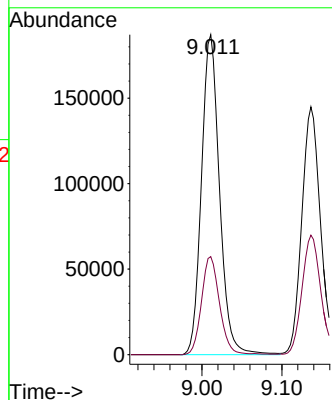
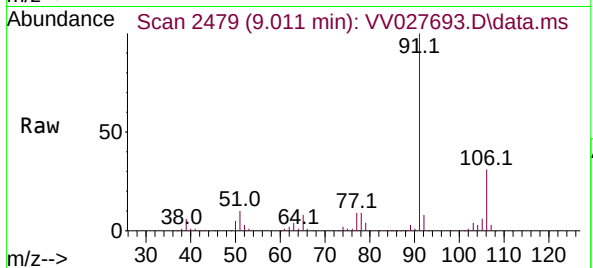
106 30.6 21.9 40.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#53

m,p-Xylene

Concen: 5.197 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027693.D

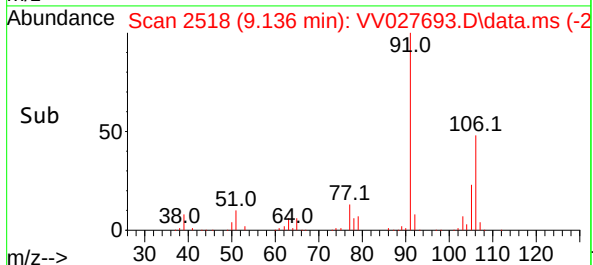
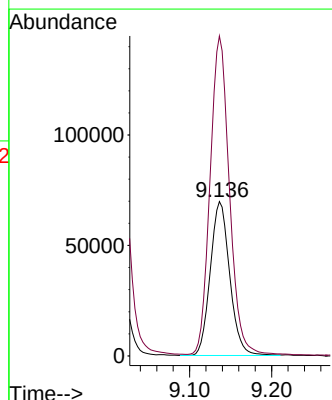
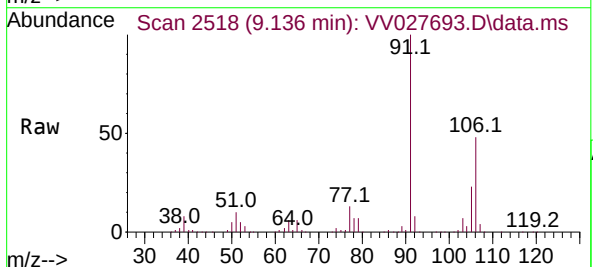
Acq: 02 Sep 2022 01:55

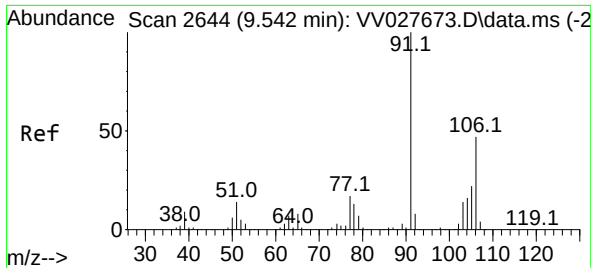
Tgt Ion:106 Resp: 114596

Ion Ratio Lower Upper

106 100

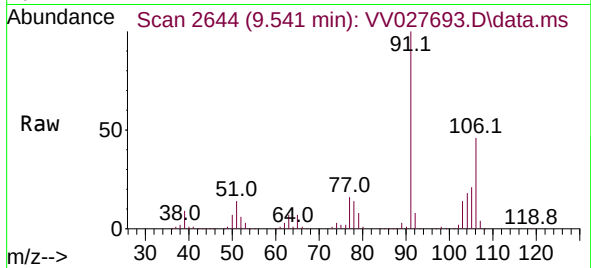
91 207.4 147.3 273.5





#54
o-Xylene
Concen: 5.188 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

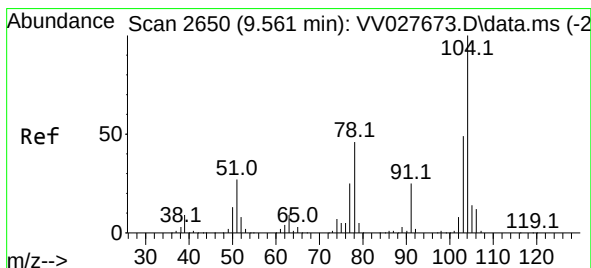
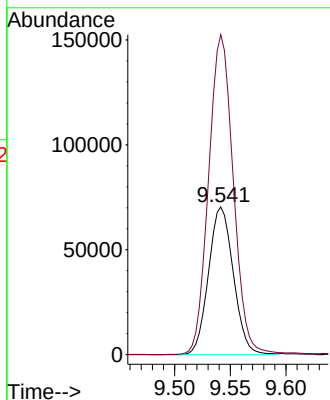
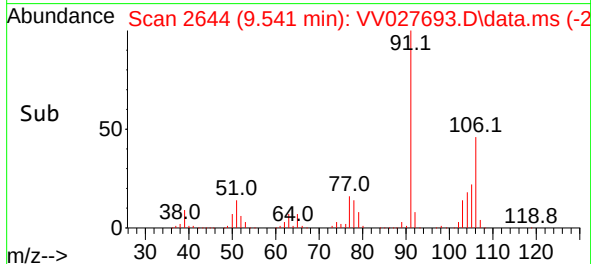
Instrument : MSVOA_V
ClientSampleId : DBVA1MS



Tgt Ion:106 Resp: 10917
Ion Ratio Lower Upper
106 100
91 216.7 152.9 284.1

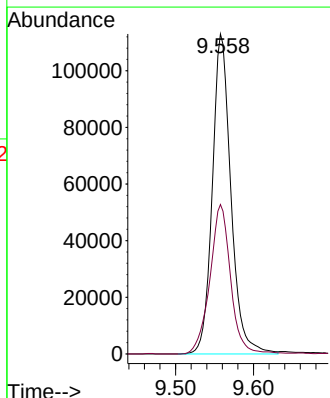
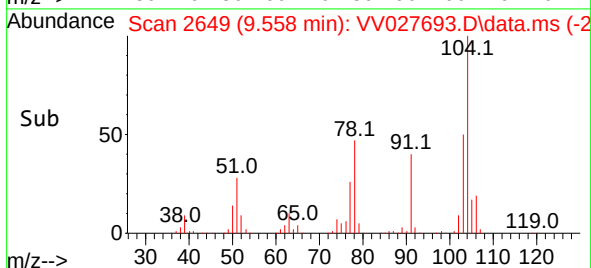
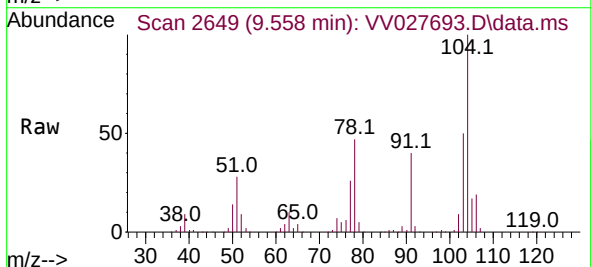
Manual Integrations
APPROVED

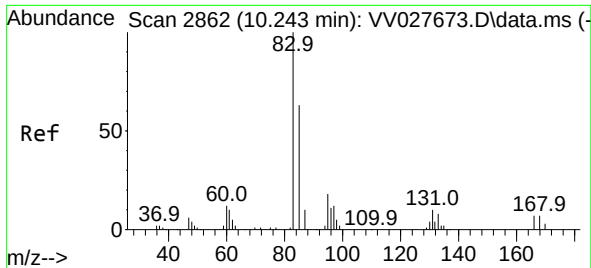
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#55
Styrene
Concen: 5.210 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Tgt Ion:104 Resp: 187217
Ion Ratio Lower Upper
104 100
78 46.7 31.1 57.7





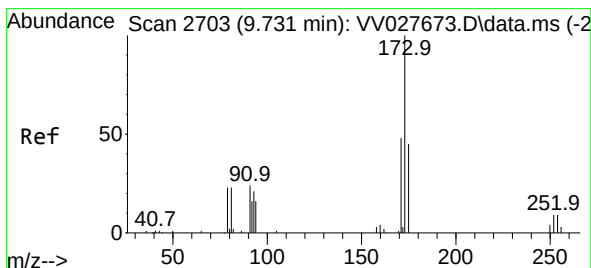
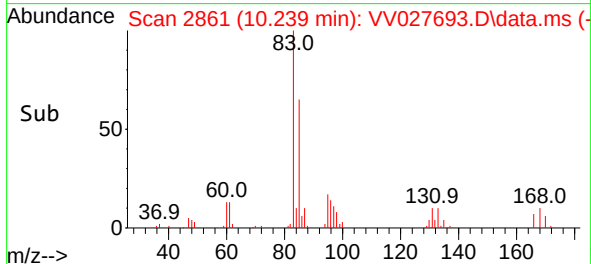
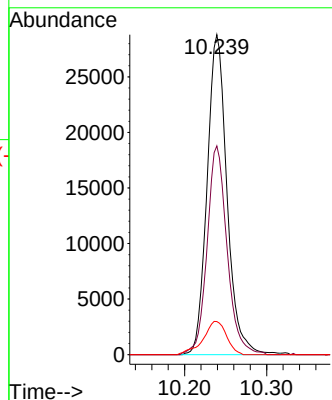
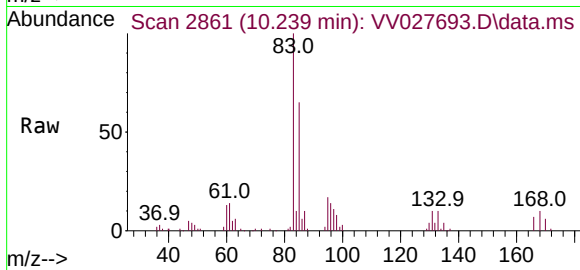
#57
1,1,2,2-Tetrachloroethane
Concen: 4.750 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Instrument : MSVOA_V
ClientSampleId : DBVA1MS

Tgt Ion: 83 Resp: 48503
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.8
131 10.3 8.0 12.0

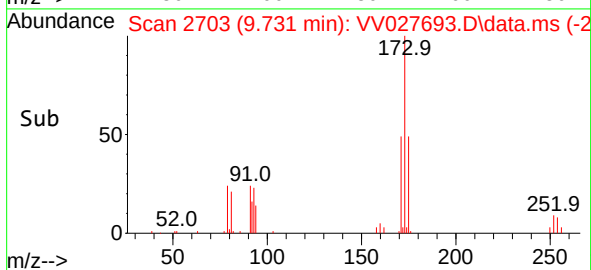
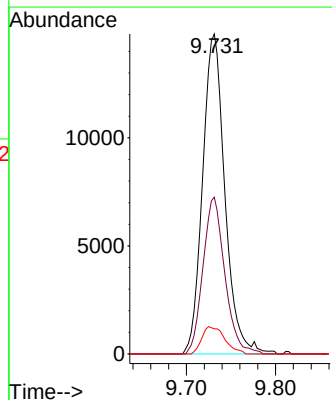
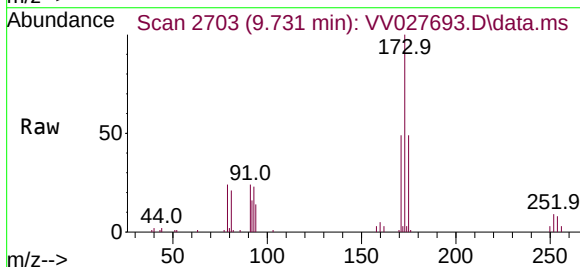
Manual Integrations
APPROVED

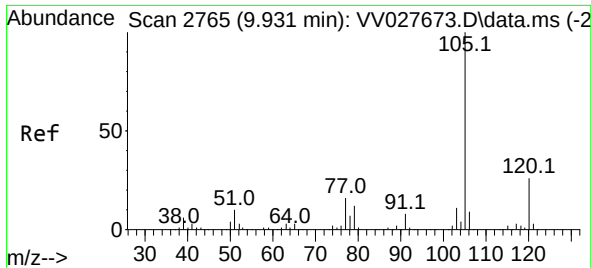
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#59
Bromoform
Concen: 4.790 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

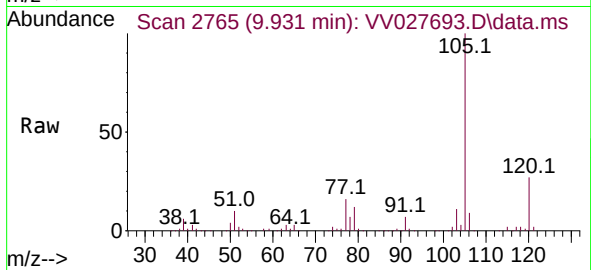
Tgt Ion:173 Resp: 25755
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.4
254 8.7 7.0 10.4





#60
Isopropylbenzene
Concen: 5.165 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

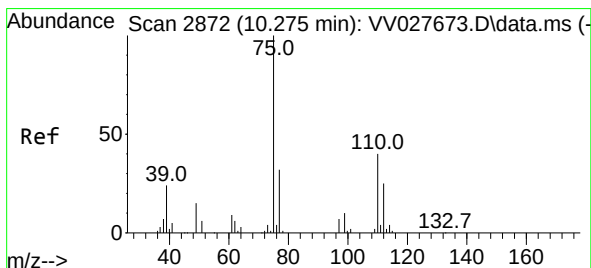
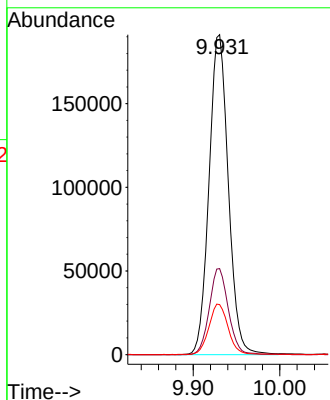
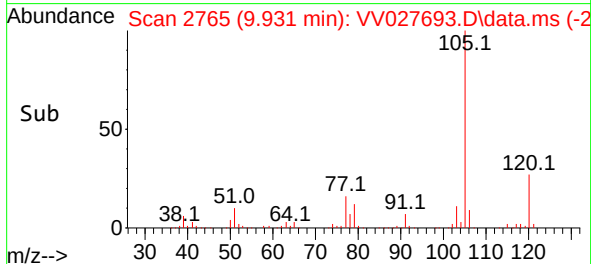
Instrument :
MSVOA_V
ClientSampleId :
DBVA1MS



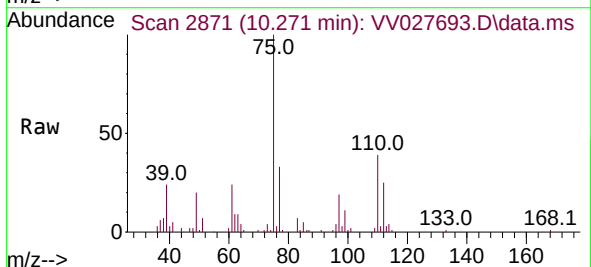
Tgt Ion:105 Resp: 295922
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.4
77 15.9 12.7 19.1

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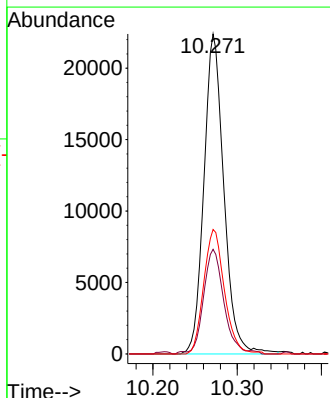
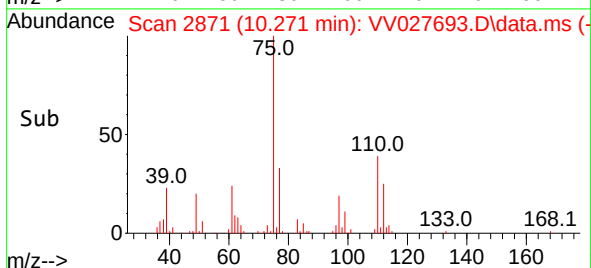
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

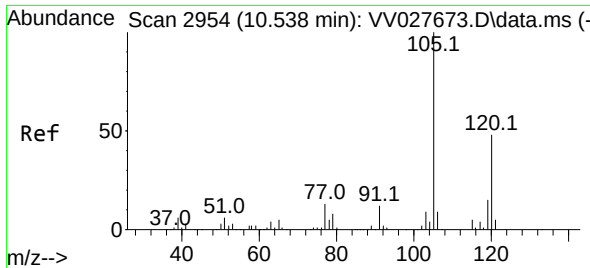


#61
1,2,3-Trichloropropane
Concen: 4.804 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55



Tgt Ion: 75 Resp: 36796
Ion Ratio Lower Upper
75 100
77 33.3 25.8 38.6
110 40.1 29.8 44.8





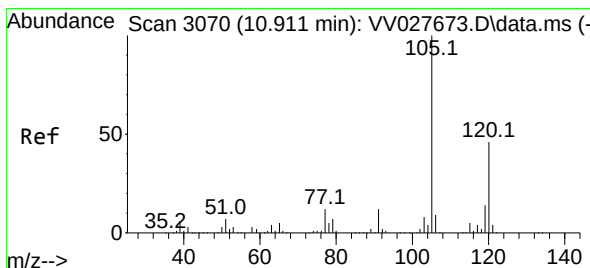
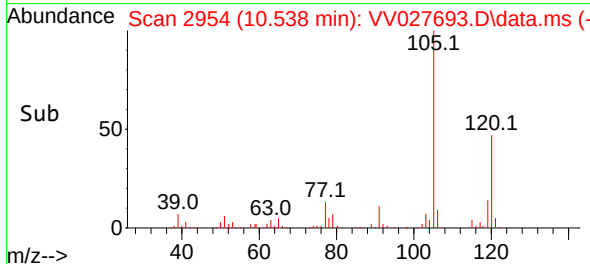
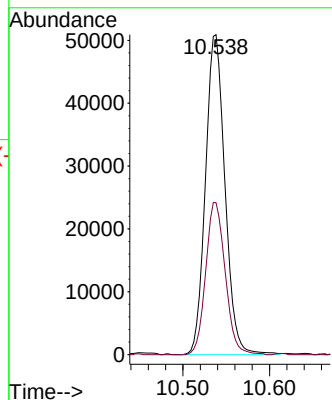
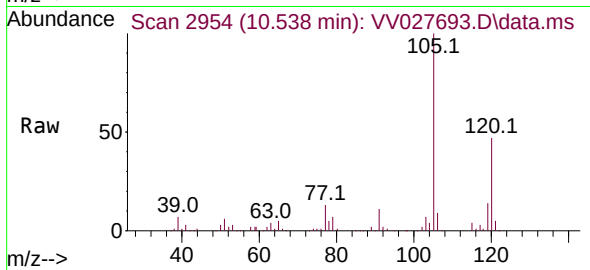
#62
1,3,5-Trimethylbenzene
Concen: 5.099 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Instrument :
MSVOA_V
ClientSampleId :
DBVA1MS

Tgt Ion:105 Resp: 79701
Ion Ratio Lower Upper
105 100
120 47.5 40.4 60.6

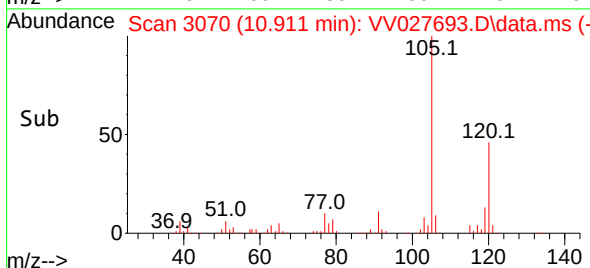
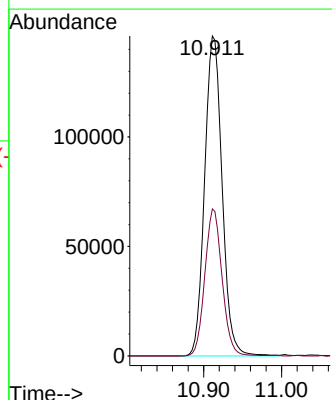
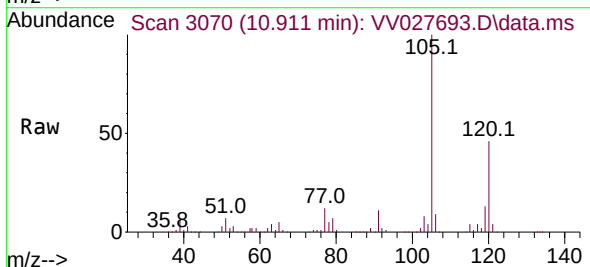
Manual Integrations
APPROVED

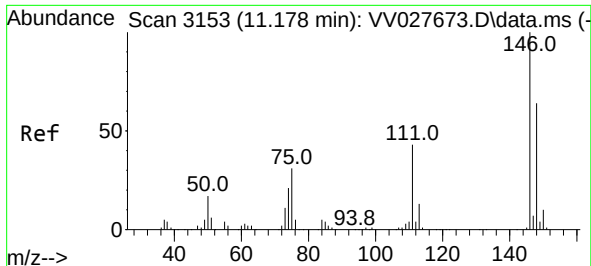
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#63
1,2,4-Trimethylbenzene
Concen: 5.059 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

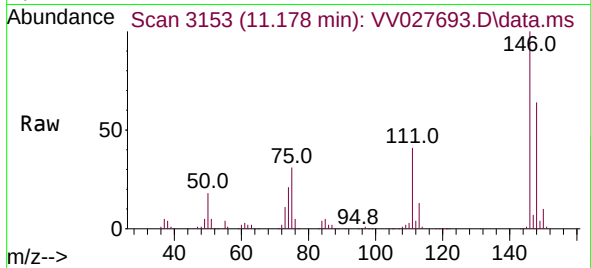
Tgt Ion:105 Resp: 227406
Ion Ratio Lower Upper
105 100
120 45.2 36.1 54.1





#64
1,3-Dichlorobenzene
Concen: 5.060 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

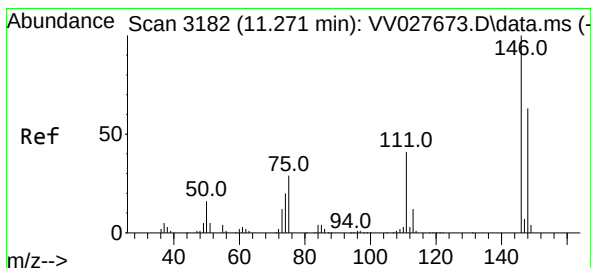
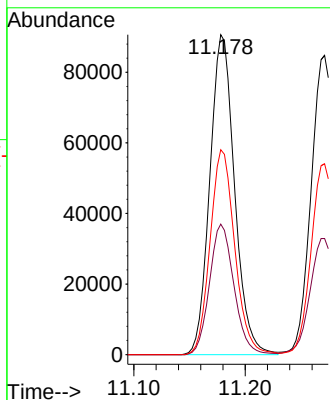
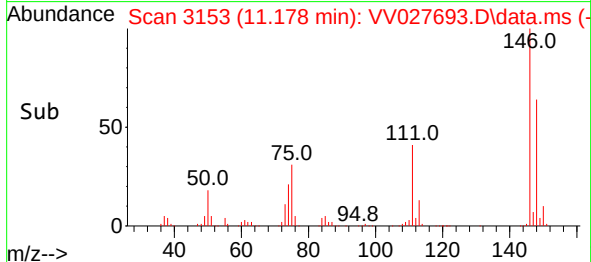
Instrument :
MSVOA_V
ClientSampleId :
DBVA1MS



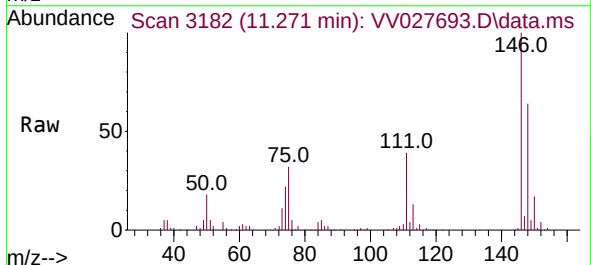
Tgt Ion:146 Resp: 139905
Ion Ratio Lower Upper
146 100
111 40.8 29.0 53.8
148 64.0 43.5 80.9

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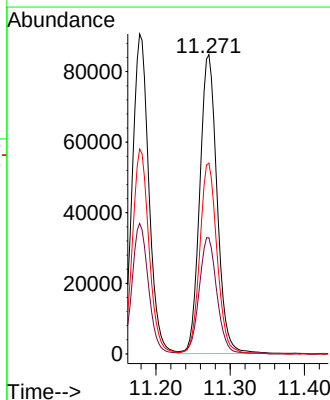
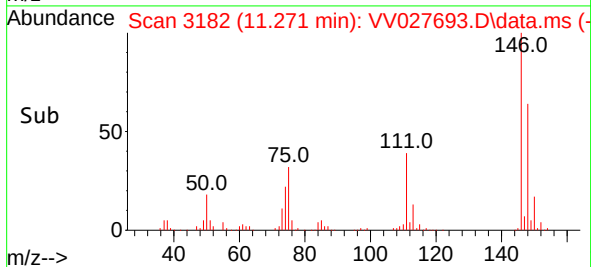
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

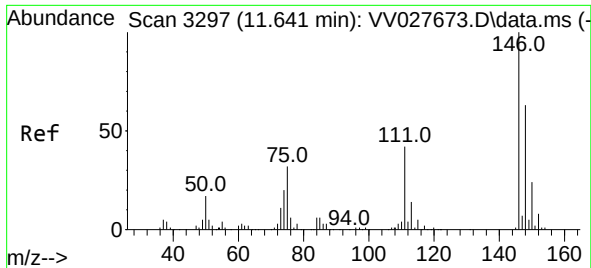


#65
1,4-Dichlorobenzene
Concen: 4.996 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55



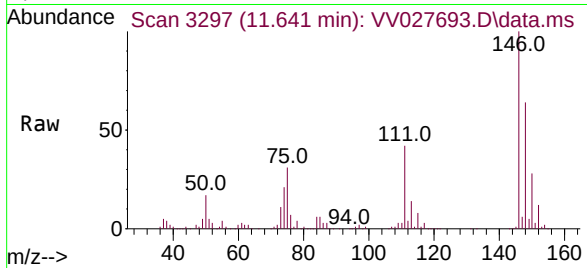
Tgt Ion:146 Resp: 137342
Ion Ratio Lower Upper
146 100
111 38.8 27.5 51.1
148 63.7 45.4 84.4





#67
1,2-Dichlorobenzene
Concen: 5.146 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

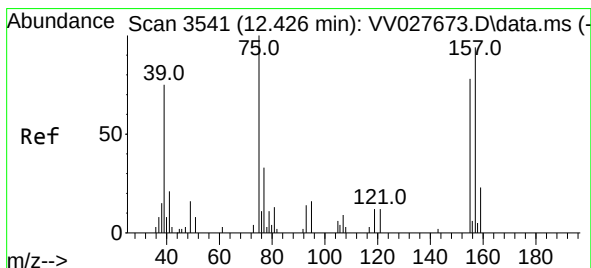
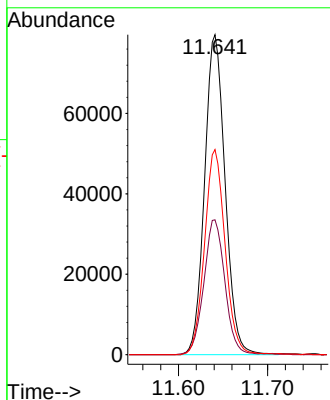
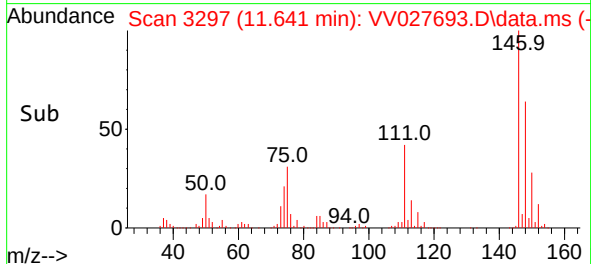
Instrument :
MSVOA_V
ClientSampleId :
DBVA1MS



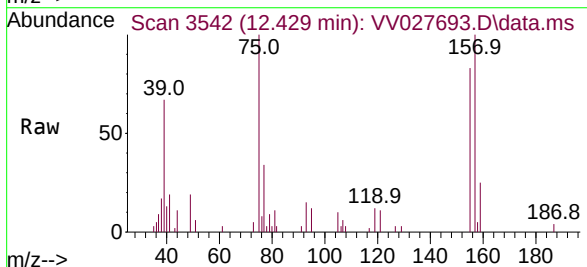
Tgt Ion:146 Resp: 127623
Ion Ratio Lower Upper
146 100
111 42.1 34.2 51.2
148 64.1 51.0 76.4

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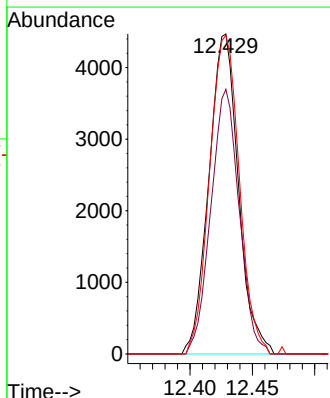
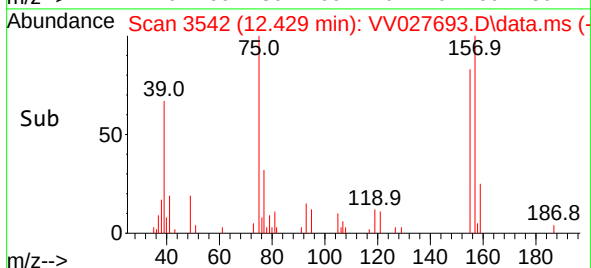
Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

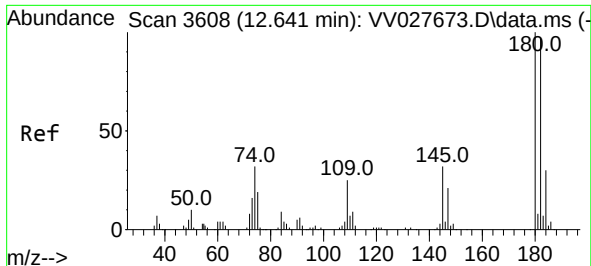


#68
1,2-Dibromo-3-chloropropane
Concen: 4.809 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55



Tgt Ion: 75 Resp: 7335
Ion Ratio Lower Upper
75 100
155 82.7 56.4 84.6
157 99.6 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 5.107 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV027693.D

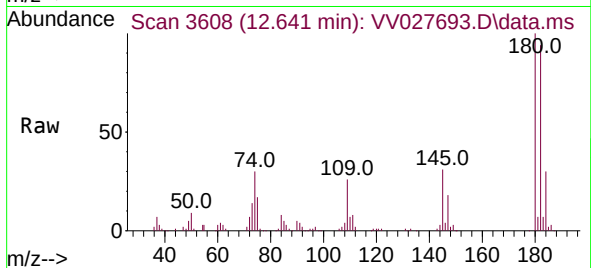
Acq: 02 Sep 2022 01:55

Instrument :

MSVOA_V

ClientSampleId :

DBVA1MS



Tgt Ion:180 Resp: 101808

Ion Ratio Lower Upper

180 100

182 94.5 74.6 112.0

184 29.6 23.5 35.3

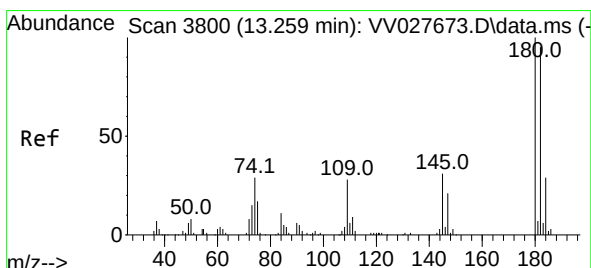
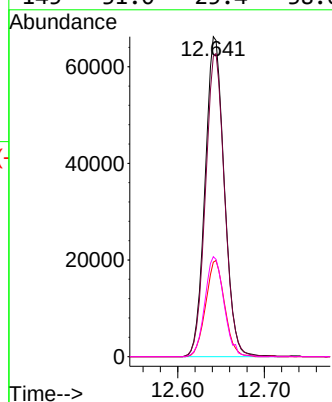
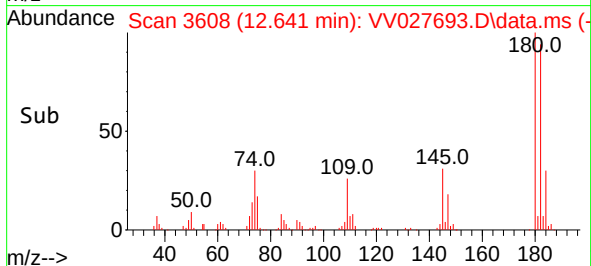
145 31.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#70

1,2,4-trichlorobenzene

Concen: 5.078 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027693.D

Acq: 02 Sep 2022 01:55

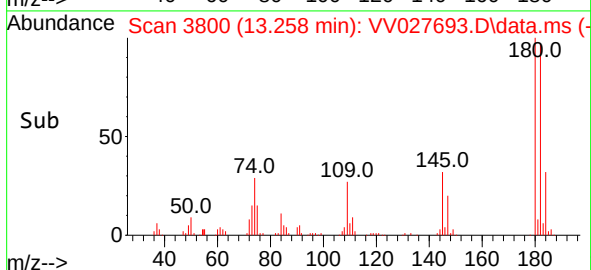
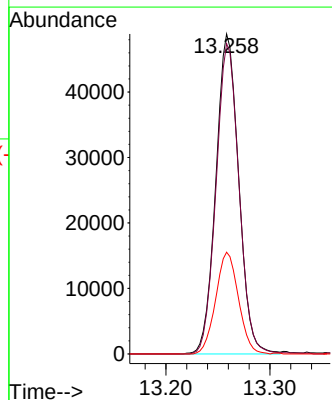
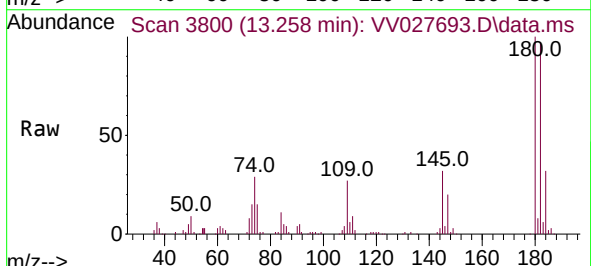
Tgt Ion:180 Resp: 74612

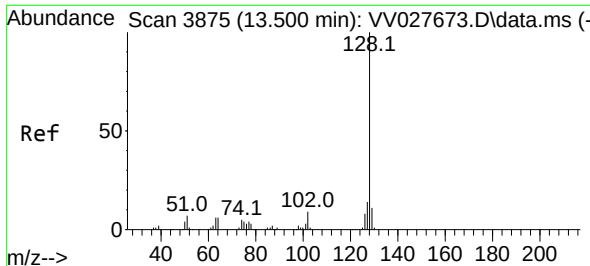
Ion Ratio Lower Upper

180 100

182 97.3 75.8 113.8

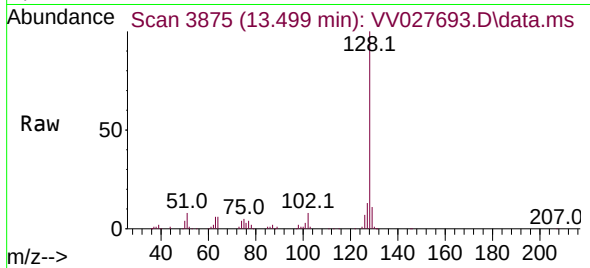
145 31.6 24.6 37.0





#71
Naphthalene
Concen: 4.316 ug/L
RT: 13.499 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

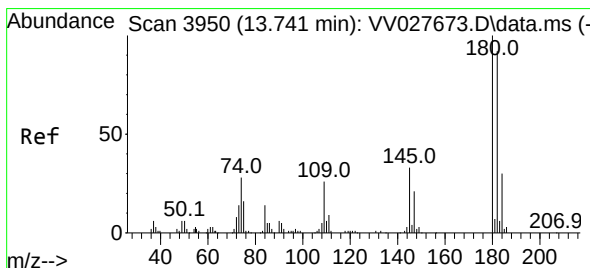
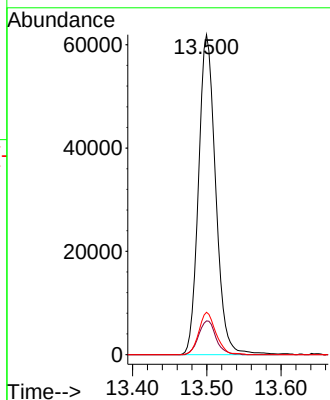
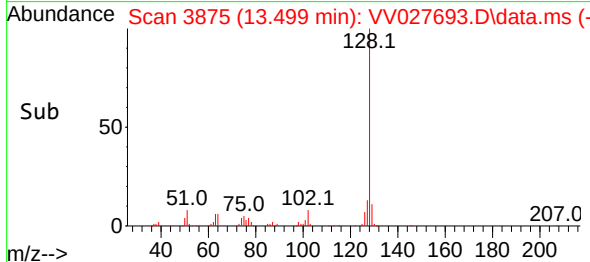
Instrument :
MSVOA_V
ClientSampleId :
DBVA1MS



Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.2	10.9	16.3

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



#72
1,2,3-Trichlorobenzene
Concen: 5.246 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027693.D
Acq: 02 Sep 2022 01:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.4	77.1	115.7
145	33.1	27.4	41.0

