

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120522\
 Data File : VW029398.D
 Acq On : 05 Dec 2022 12:00
 Operator : SY/MD
 Sample : MDL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

Quant Time: Dec 05 23:30:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	233661	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	218225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	112336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71639	4.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.564	69	54506	5.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.101	63	86846	3.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	3.902	46	93262	38.770	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.540%
24) Chloroform-d	4.336	84	122488	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.024	65	53605	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.040	84	266229	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.063	67	77896	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.307	98	241553	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.616	79	28666	4.387	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.085	63	100947	43.342	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.680%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	51660	4.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	85484	4.356	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3132	0.180	ug/L	92
3) Chloromethane	1.236	50	3864	0.242	ug/L	99
5) Vinyl chloride	1.307	62	3333	0.209	ug/L #	66
6) Bromomethane	1.516	94	1580	0.159	ug/L	99
8) Chloroethane	1.581	64	2035	0.215	ug/L	98
9) Trichlorofluoromethane	1.748	101	4344	0.195	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	3480	0.280	ug/L #	74
12) 1,1-Dichloroethene	2.114	96	3317	0.276	ug/L #	1
13) Acetone	2.195	43	3148	1.800	ug/L	70
14) Carbon disulfide	2.288	76	7897	0.226	ug/L	98
15) Methyl Acetate	2.445	43	1304m	0.259	ug/L	
16) Methylene chloride	2.500	84	5472	0.298	ug/L	87
17) Methyl tert-butyl Ether	2.764	73	6657	0.217	ug/L	94
18) trans-1,2-Dichloroethene	2.754	96	2910	0.211	ug/L	97
19) 1,1-Dichloroethane	3.185	63	5261	0.212	ug/L	98
21) 2-Butanone	3.998	43	4705m	1.718	ug/L	
22) cis-1,2-Dichloroethene	3.902	96	3473	0.220	ug/L	99
23) Bromochloromethane	4.249	128	1193	0.189	ug/L	98
25) Chloroform	4.365	83	5895	0.227	ug/L	91

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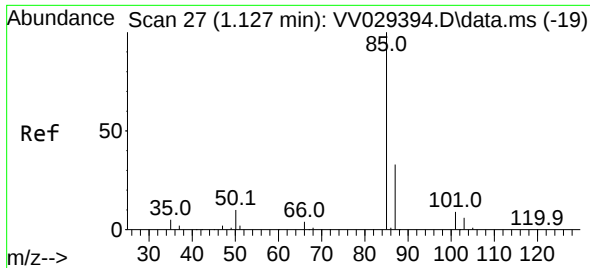
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	2891	0.206	ug/L #	72
29) 1,1,1-Trichloroethane	4.600	97	4875	0.194	ug/L	95
30) Cyclohexane	4.661	56	4313	0.174	ug/L	98
31) Carbon tetrachloride	4.822	117	4051	0.191	ug/L	97
33) Benzene	5.095	78	13321	0.204	ug/L	100
34) Trichloroethene	5.915	95	3329	0.200	ug/L	87
35) Methylcyclohexane	6.121	83	5415	0.193	ug/L	94
37) 1,2-Dichloropropane	6.169	63	2799	0.182	ug/L #	96
38) Bromodichloromethane	6.506	83	3776	0.205	ug/L	88
39) cis-1,3-Dichloropropene	7.027	75	4487m	0.200	ug/L	
40) 4-Methyl-2-pentanone	7.227	43	12514	1.739	ug/L #	85
42) Toluene	7.384	91	13270	0.189	ug/L	94
44) trans-1,3-Dichloropropene	7.648	75	4578	0.257	ug/L	92
45) 1,1,2-Trichloroethane	7.838	97	2065	0.198	ug/L	91
47) Tetrachloroethene	7.969	164	2529	0.185	ug/L	93
48) 2-Hexanone	8.140	43	11612	2.315	ug/L	94
49) Dibromochloromethane	8.236	129	2557	0.218	ug/L	82
50) 1,2-Dibromoethane	8.346	107	1803	0.199	ug/L #	91
51) Chlorobenzene	8.873	112	9233	0.211	ug/L	99
52) Ethylbenzene	9.005	91	13963	0.191	ug/L	97
53) m,p-Xylene	9.133	106	5420	0.188	ug/L	96
54) o-Xylene	9.535	106	5267	0.186	ug/L	98
55) Styrene	9.558	104	8679	0.182	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.233	83	2610	0.242	ug/L	92
59) Bromoform	9.725	173	1303	0.221	ug/L #	93
60) Isopropylbenzene	9.921	105	13817	0.190	ug/L	97
61) 1,2,3-Trichloropropane	10.268	75	1924	0.247	ug/L	93
62) 1,3,5-Trimethylbenzene	10.532	105	11698	0.186	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	11607	0.183	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	6940	0.205	ug/L	93
65) 1,4-Dichlorobenzene	11.262	146	7378	0.220	ug/L	95
67) 1,2-Dichlorobenzene	11.635	146	6702	0.215	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	500	0.327	ug/L #	73
69) 1,3,5-Trichlorobenzene	12.632	180	6042	0.216	ug/L	93
70) 1,2,4-trichlorobenzene	13.252	180	4766	0.211	ug/L	96
71) Naphthalene	13.493	128	5804	0.296	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.734	180	4412	0.240	ug/L	90

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



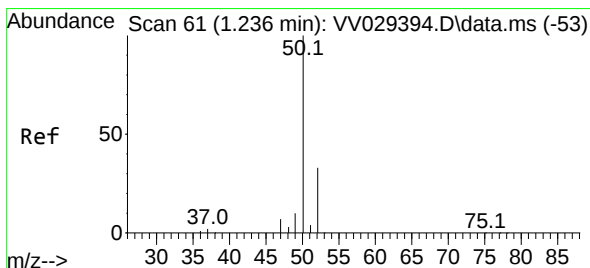
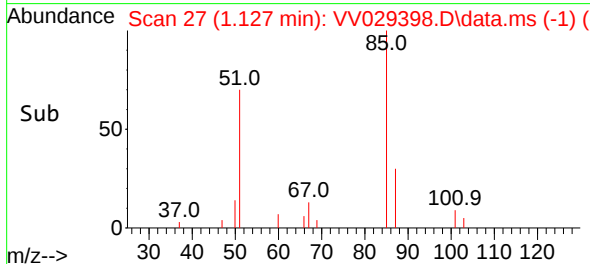
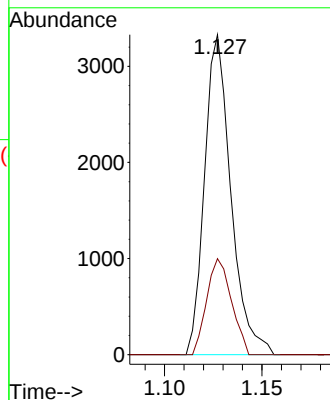
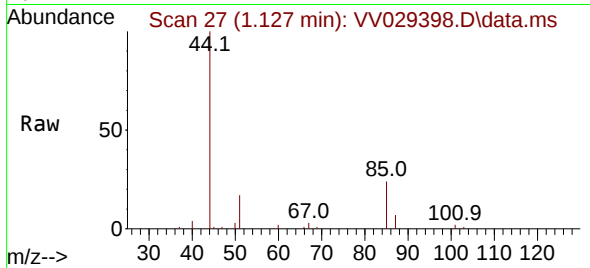
#2
 Dichlorodifluoromethane
 Concen: 0.180 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV029398.D
 Acq: 05 Dec 2022 12:00

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Tgt Ion: 85 Resp: 313
 Ion Ratio Lower Upper
 85 100
 87 28.1 26.2 39.4

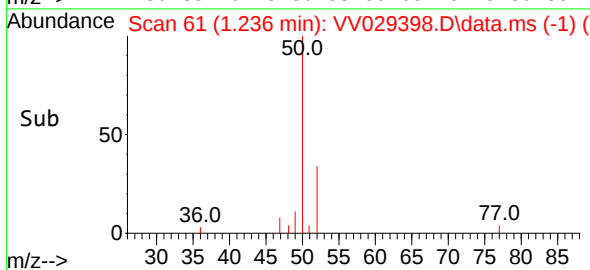
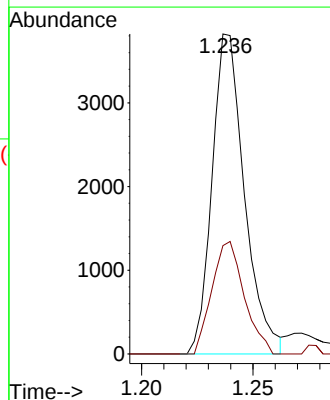
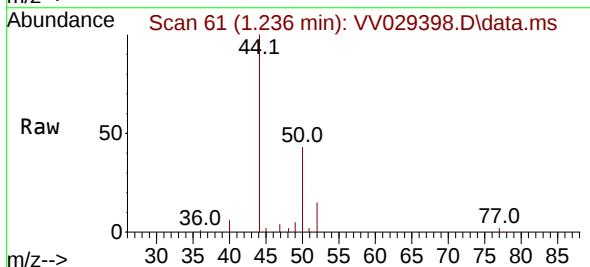
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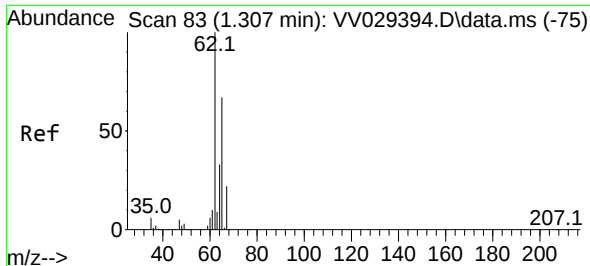
Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022



#3
 Chloromethane
 Concen: 0.242 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV029398.D
 Acq: 05 Dec 2022 12:00

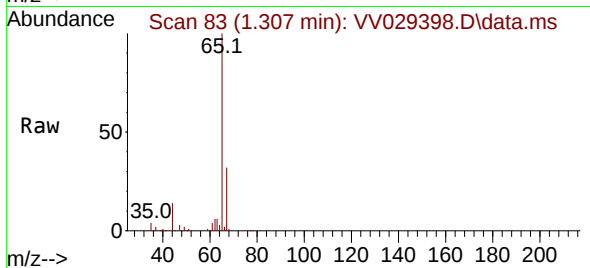
Tgt Ion: 50 Resp: 3864
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.2 43.2





#5
 Vinyl chloride
 Concen: 0.209 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV029398.D
 Acq: 05 Dec 2022 12:00

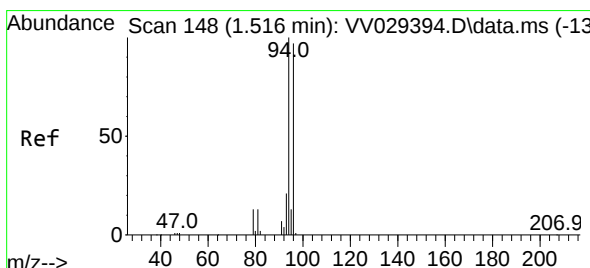
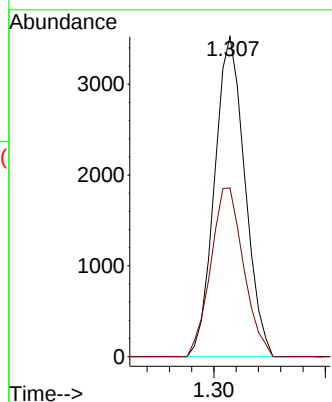
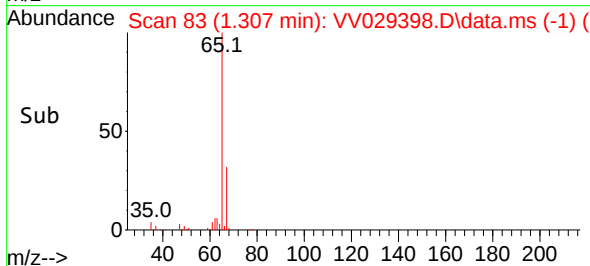
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03



Tgt Ion: 62 Resp: 333
 Ion Ratio Lower Upper
 62 100
 64 52.8 23.4 43.4

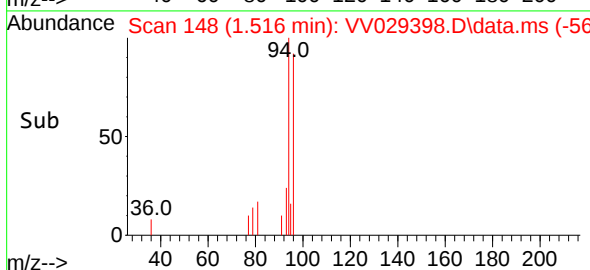
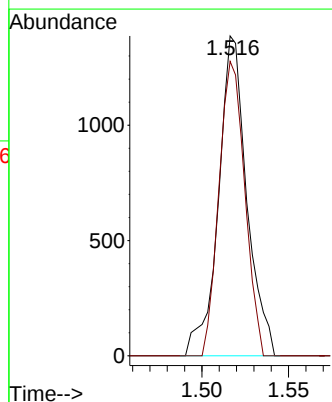
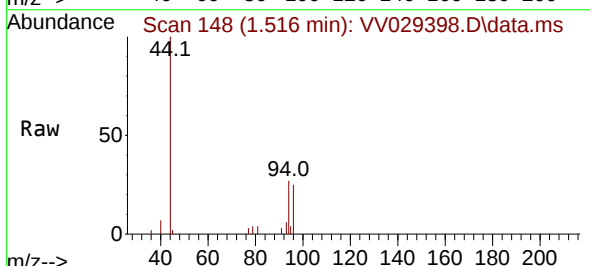
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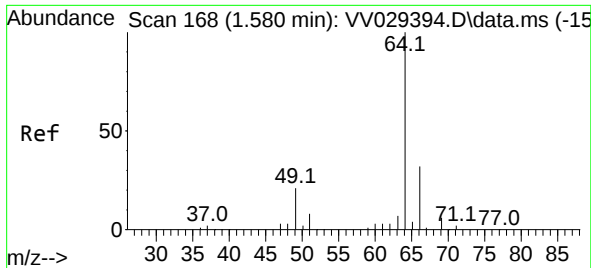
Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022



#6
 Bromomethane
 Concen: 0.159 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV029398.D
 Acq: 05 Dec 2022 12:00

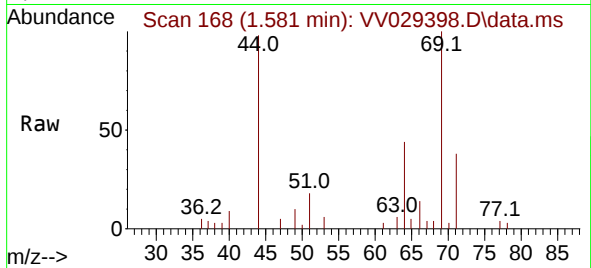
Tgt Ion: 94 Resp: 1580
 Ion Ratio Lower Upper
 94 100
 96 92.1 65.4 121.4





#8
Chloroethane
Concen: 0.215 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

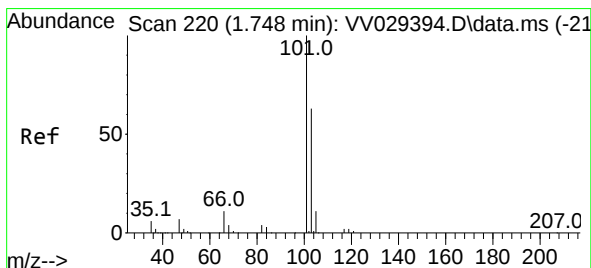
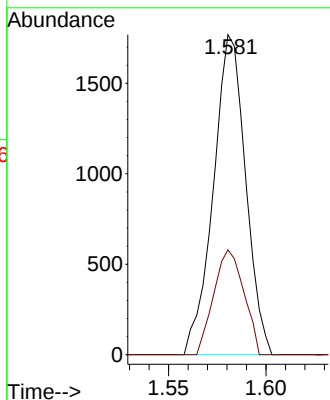
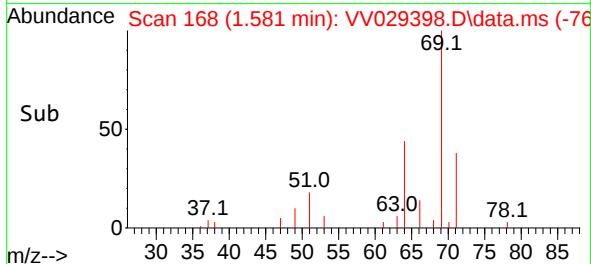
Instrument :
MSVOA_V
ClientSampleId :
MDL03



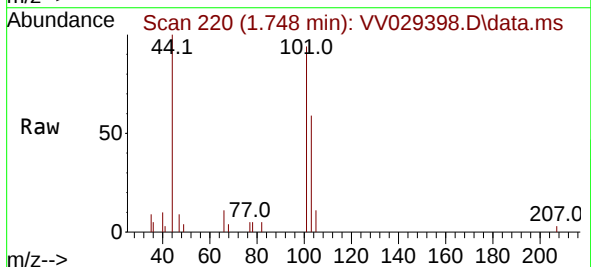
Tgt Ion: 64 Resp: 2035
Ion Ratio Lower Upper
64 100
66 32.7 23.5 43.7

Manual Integrations
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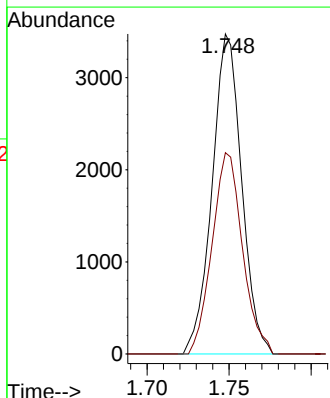
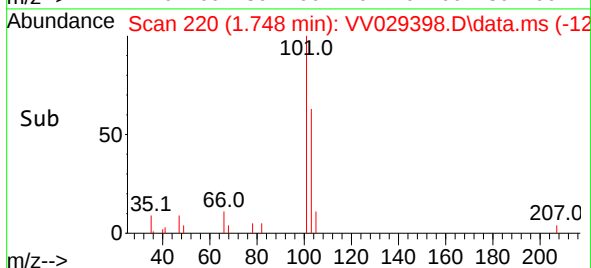
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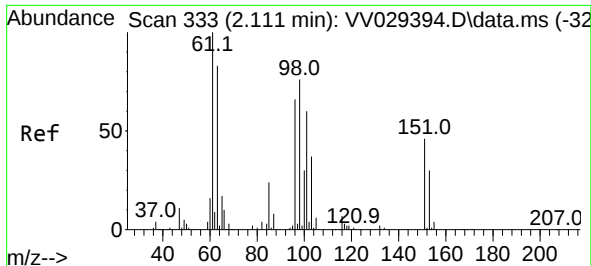


#9
Trichlorofluoromethane
Concen: 0.195 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00



Tgt Ion:101 Resp: 4344
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8





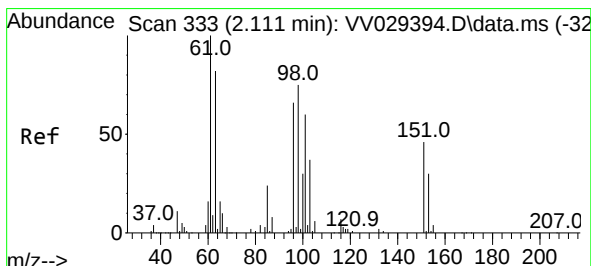
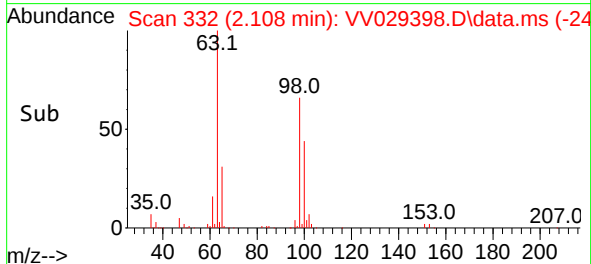
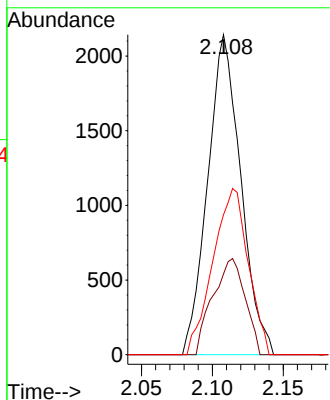
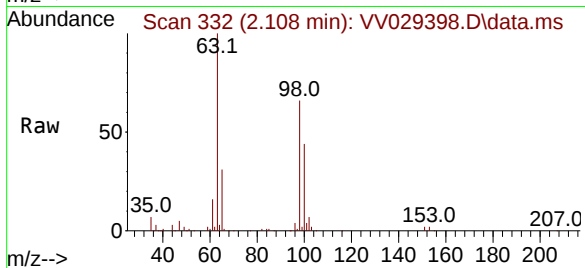
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.280 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:101 Resp: 3480
Ion Ratio Lower Upper
101 100
85 29.3 33.6 50.4
151 55.3 65.3 97.9

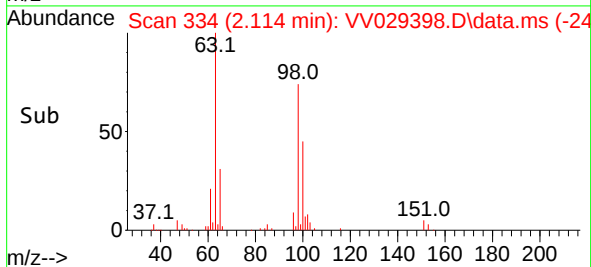
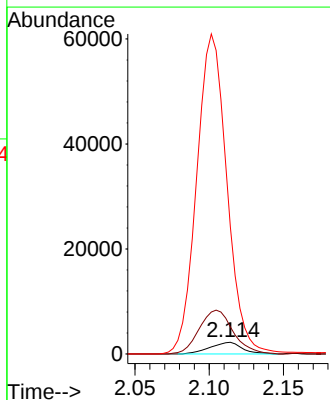
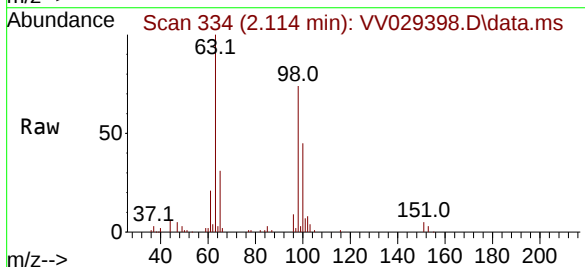
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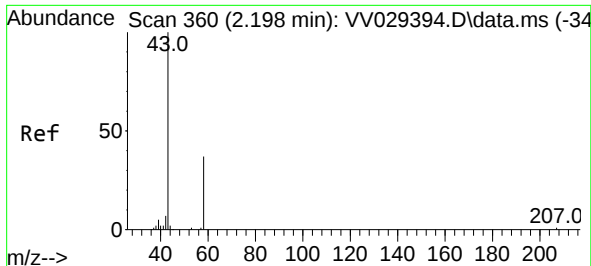
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#12
1,1-Dichloroethene
Concen: 0.276 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

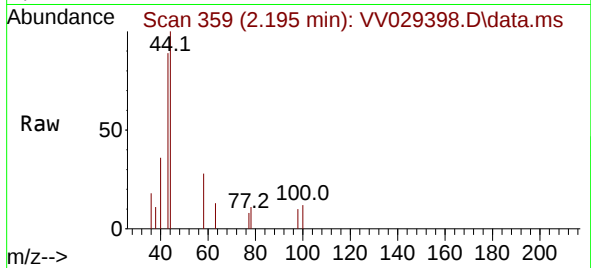
Tgt Ion: 96 Resp: 3317
Ion Ratio Lower Upper
96 100
61 233.5 110.3 204.9#
63 1094.0 84.4 156.8#





#13
Acetone
Concen: 1.800 ug/L
RT: 2.195 min Scan# 314
Delta R.T. -0.010 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

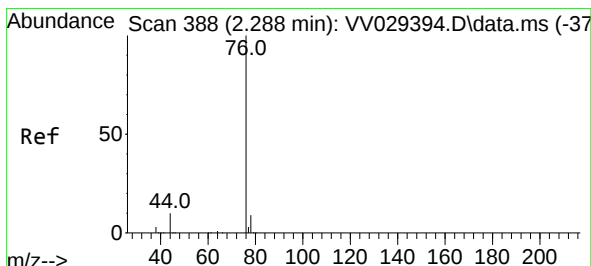
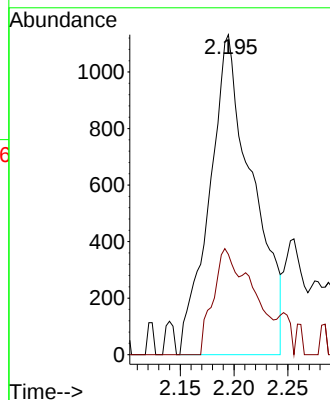
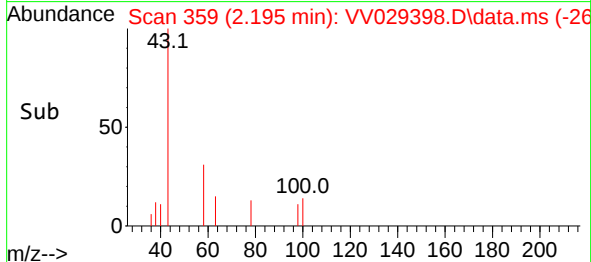
Instrument :
MSVOA_V
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MDL03



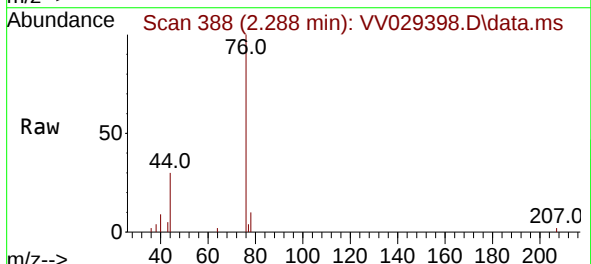
Tgt Ion: 43 Resp: 314
Ion Ratio Lower Upper
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Manual Integrations
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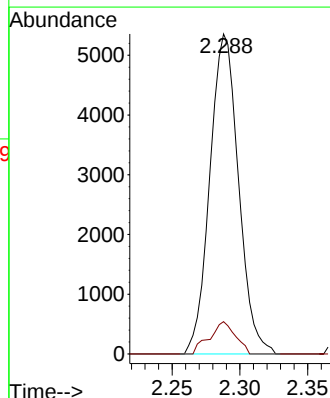
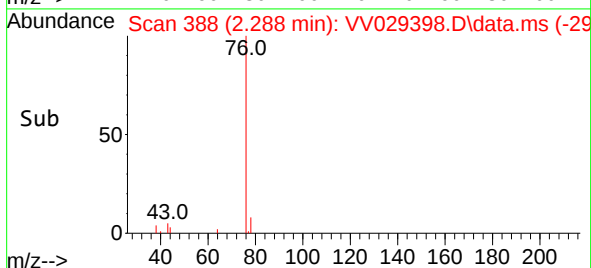
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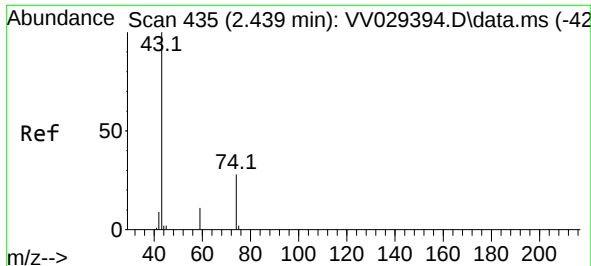


#14
Carbon disulfide
Concen: 0.226 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00



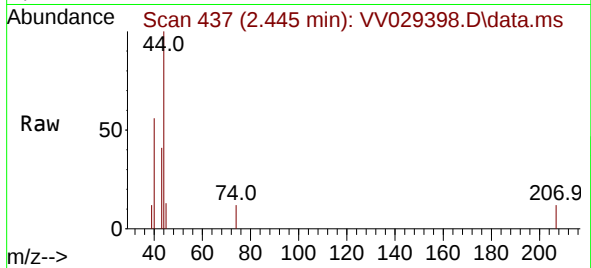
Tgt Ion: 76 Resp: 7897
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.2





#15
Methyl Acetate
Concen: 0.259 ug/L m
RT: 2.445 min Scan# 437
Delta R.T. 0.006 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

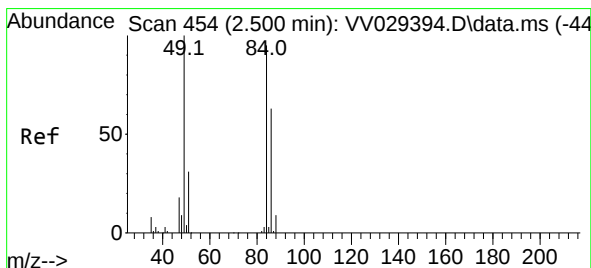
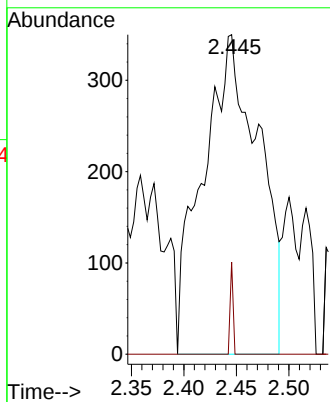
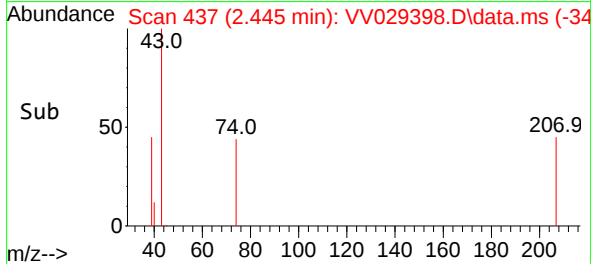
Instrument :
MSVOA_V
ClientSampleId :
MDL03



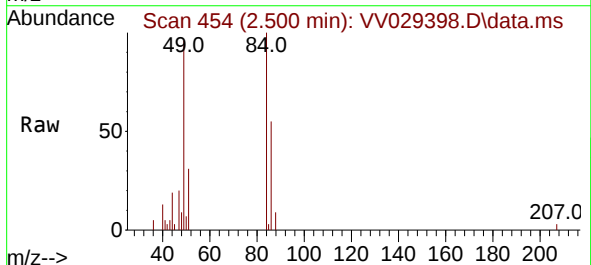
Tgt Ion: 43 Resp: 1304
Ion Ratio Lower Upper
43 100
74 1.5 19.6 29.4

Manual Integrations
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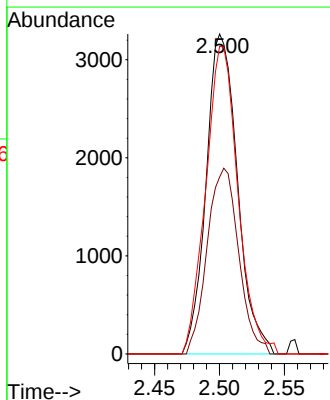
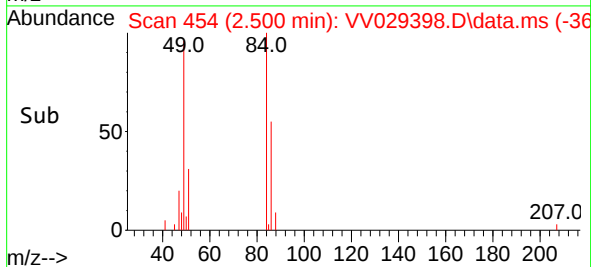
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

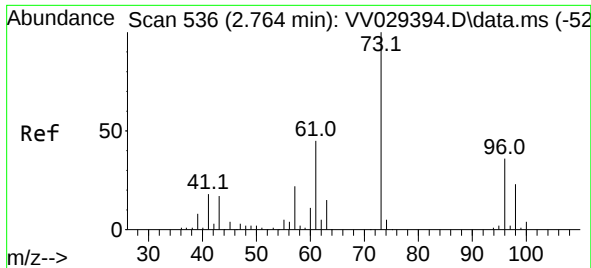


#16
Methylene chloride
Concen: 0.298 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00



Tgt Ion: 84 Resp: 5472
Ion Ratio Lower Upper
84 100
86 55.3 45.6 84.6
49 96.1 77.8 144.4





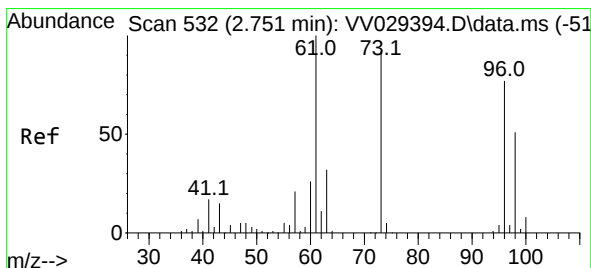
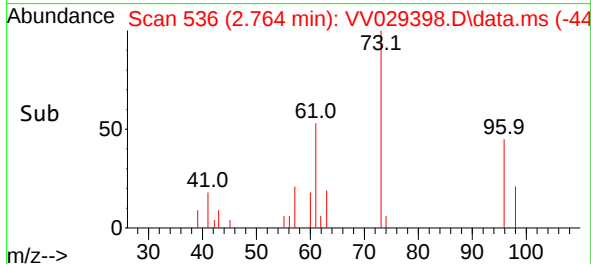
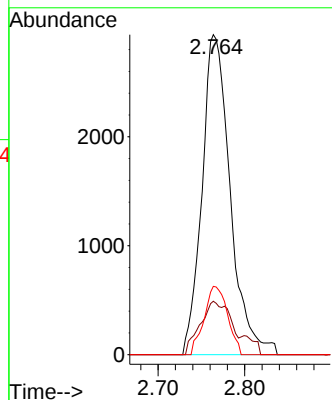
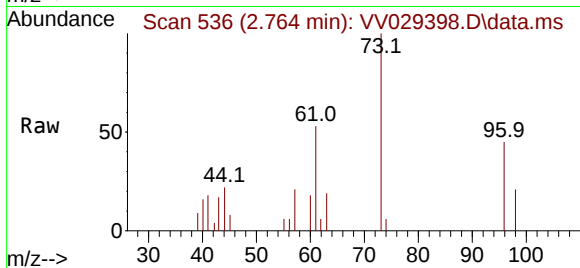
#17
Methyl tert-butyl Ether
Concen: 0.217 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 73 Resp: 665
Ion Ratio Lower Upper
73 100
43 18.3 13.2 19.8
57 17.7 16.9 25.3

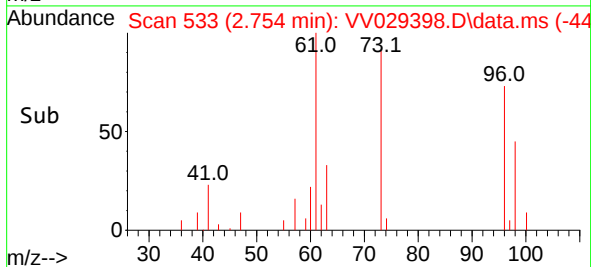
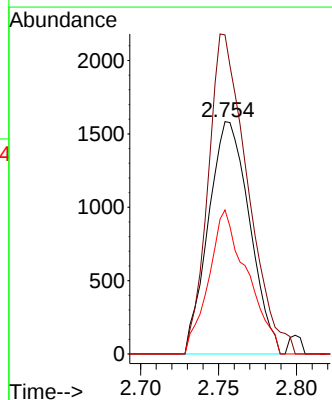
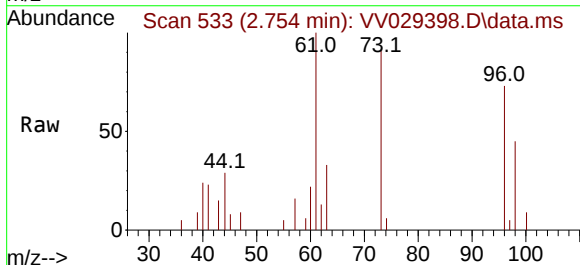
Manual Integrations
APPROVED

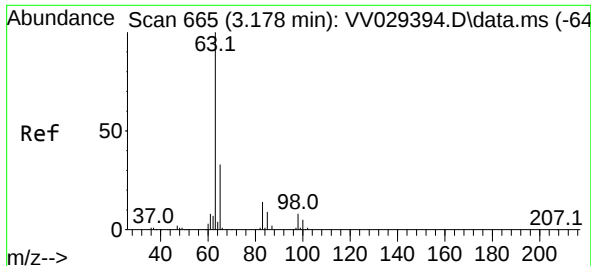
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#18
trans-1,2-Dichloroethene
Concen: 0.211 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.000 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

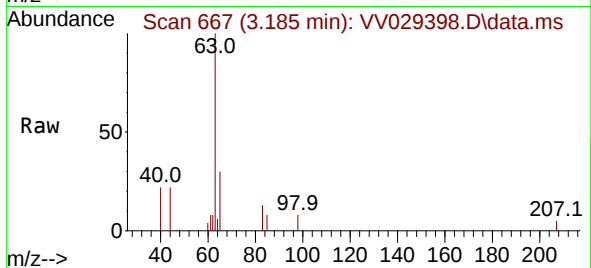
Tgt Ion: 96 Resp: 2910
Ion Ratio Lower Upper
96 100
61 137.2 93.0 172.6
98 62.0 44.0 81.8





#19
1,1-Dichloroethane
Concen: 0.212 ug/L
RT: 3.185 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

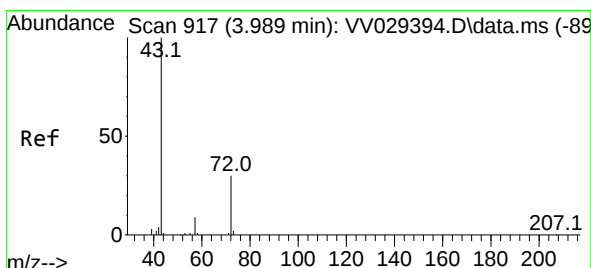
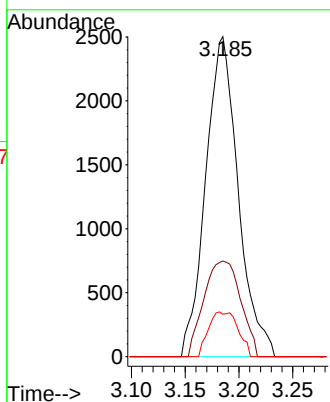
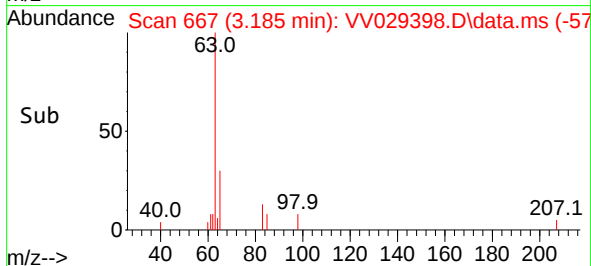
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 63 Resp: 526
Ion Ratio Lower Upper
63 100
65 29.9 21.6 40.2
83 13.2 10.3 19.1

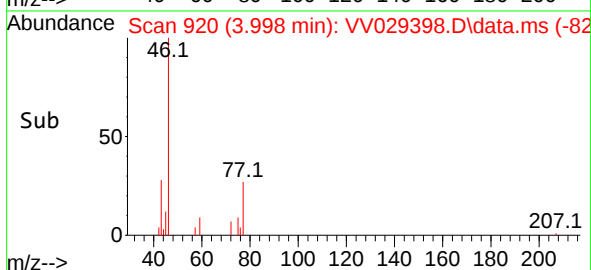
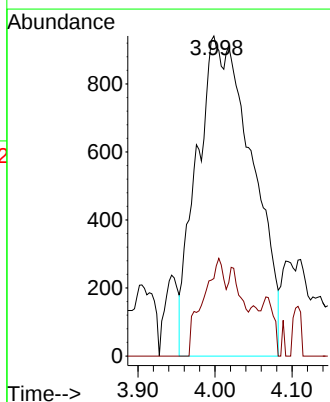
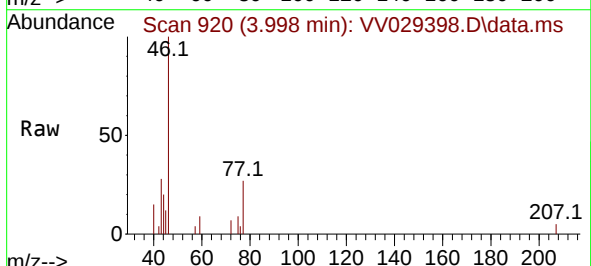
Manual Integrations
APPROVED

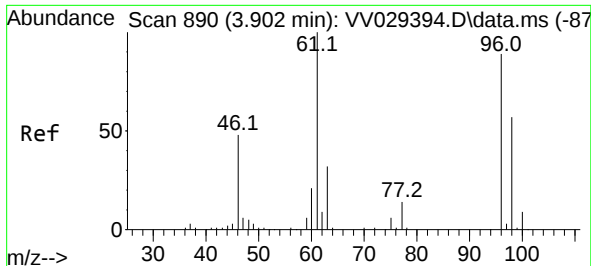
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#21
2-Butanone
Concen: 1.718 ug/L m
RT: 3.998 min Scan# 920
Delta R.T. 0.013 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

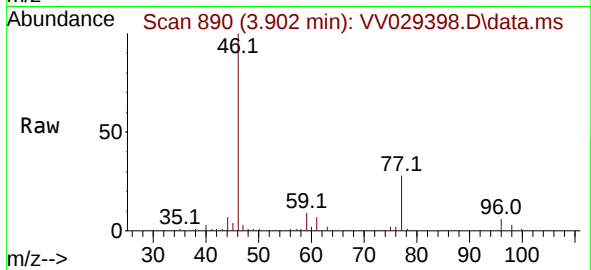
Tgt Ion: 43 Resp: 4705
Ion Ratio Lower Upper
43 100
72 12.1 13.8 41.3#





#22
 cis-1,2-Dichloroethene
 Concen: 0.220 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV029398.D
 Acq: 05 Dec 2022 12:00

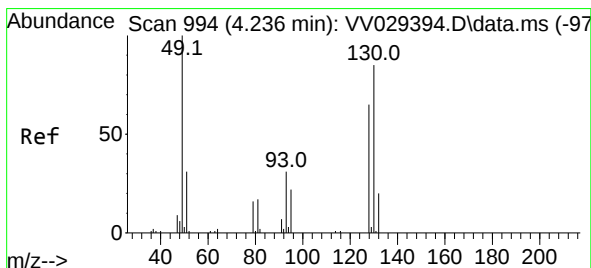
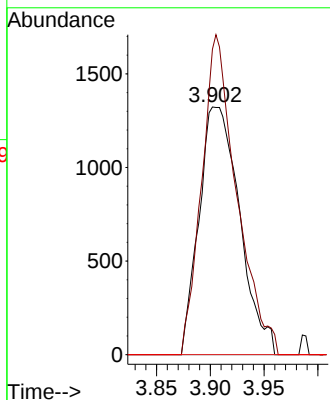
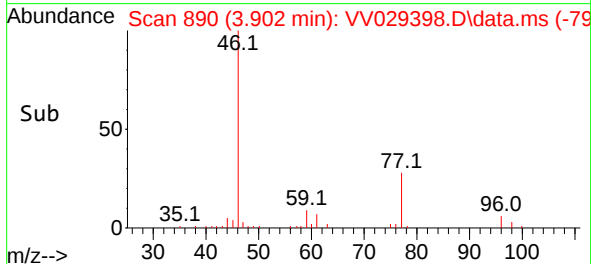
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03



Tgt Ion: 96 Resp: 347
 Ion Ratio Lower Upper
 96 100
 61 123.3 85.8 159.3
 68 0.0 0.0 0.0

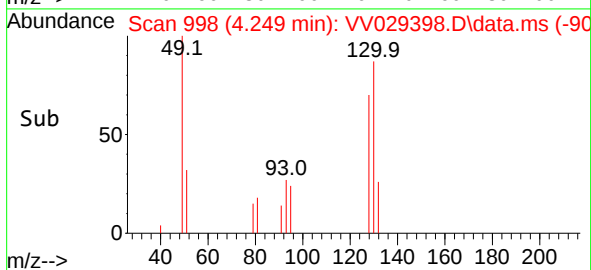
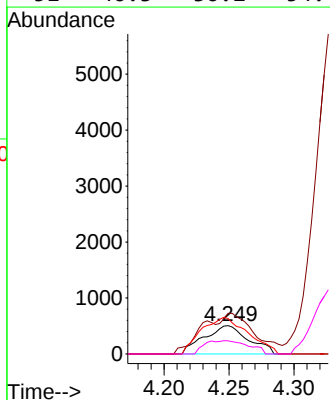
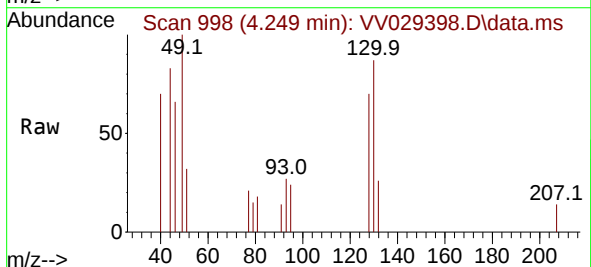
Manual Integrations
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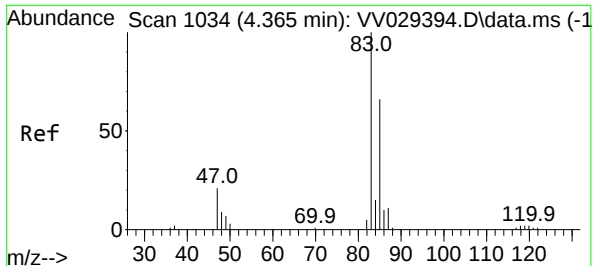
Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022



#23
 Bromochloromethane
 Concen: 0.189 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.010 min
 Lab File: VV029398.D
 Acq: 05 Dec 2022 12:00

Tgt Ion:128 Resp: 1193
 Ion Ratio Lower Upper
 128 100
 49 143.6 100.0 185.8
 130 125.3 90.2 167.6
 51 46.3 36.2 54.4





#25

Chloroform

Concen: 0.227 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 83 Resp: 589

Ion Ratio Lower Upper

83 100

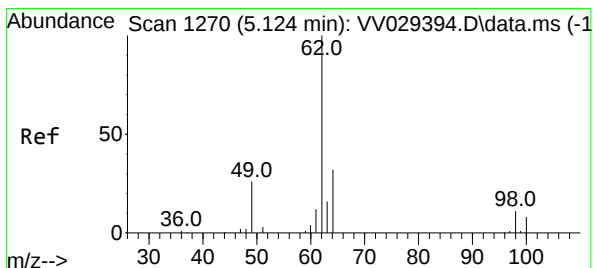
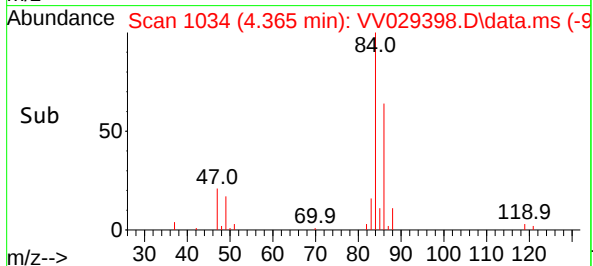
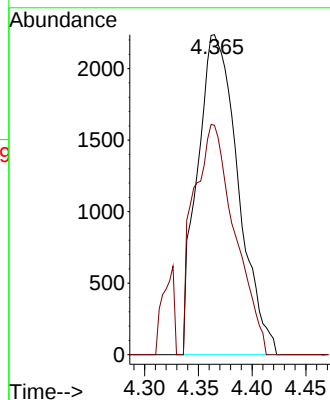
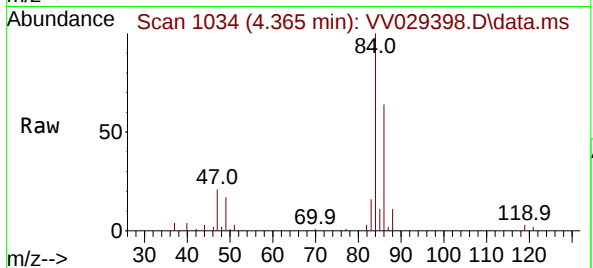
85 71.7 45.4 84.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#27

1,2-Dichloroethane

Concen: 0.206 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.016 min

Lab File: VV029398.D

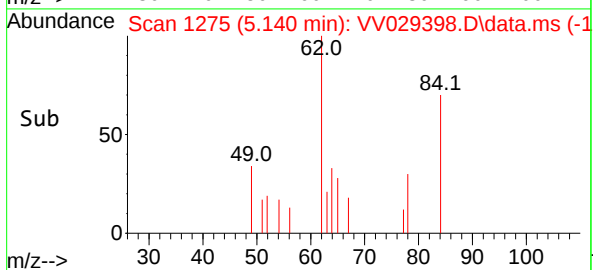
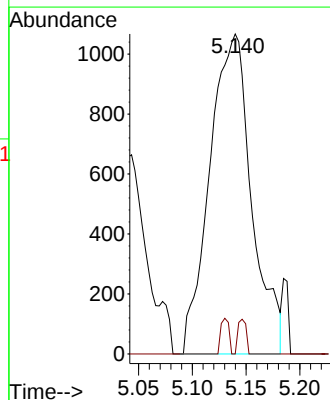
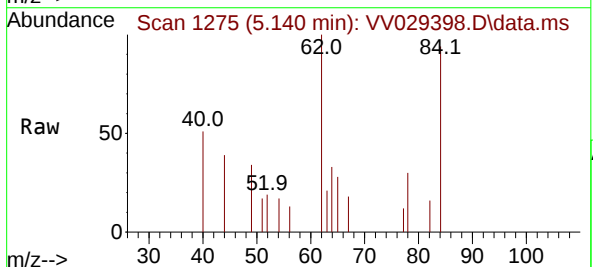
Acq: 05 Dec 2022 12:00

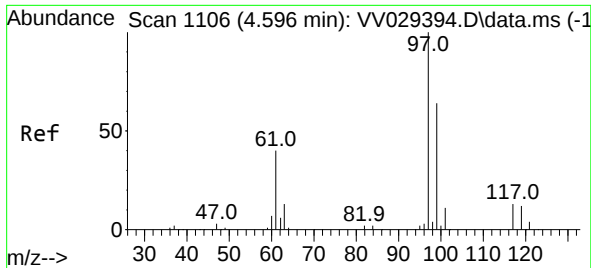
Tgt Ion: 62 Resp: 2891

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#





#29

1,1,1-Trichloroethane

Concen: 0.194 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

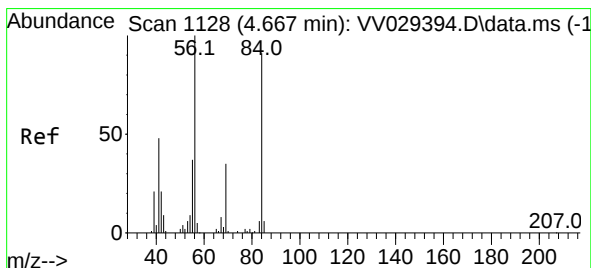
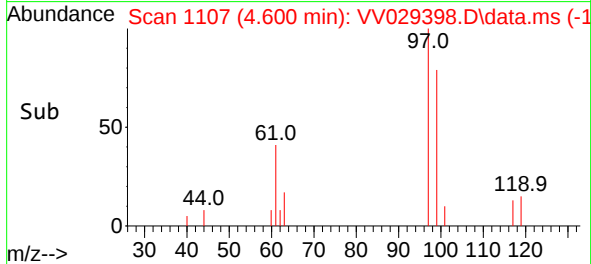
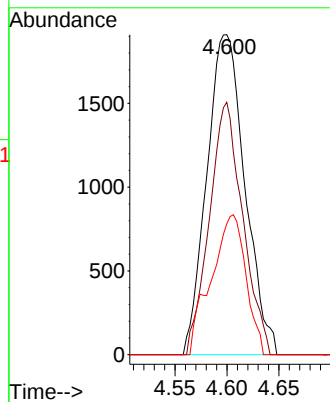
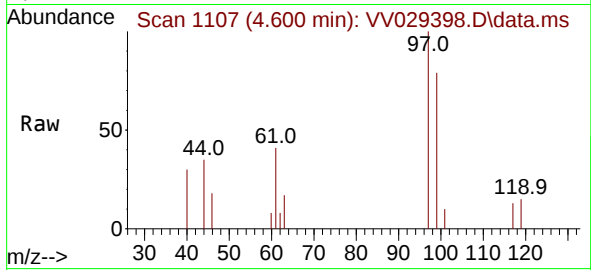
Tgt Ion: 97	Resp: 487
Ion Ratio	Lower Upper
97 100	
99 69.0	51.2 76.8
61 39.9	33.3 49.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#30

Cyclohexane

Concen: 0.174 ug/L

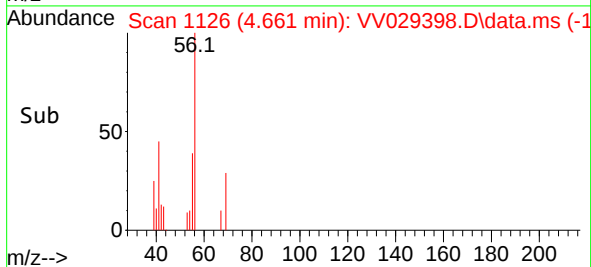
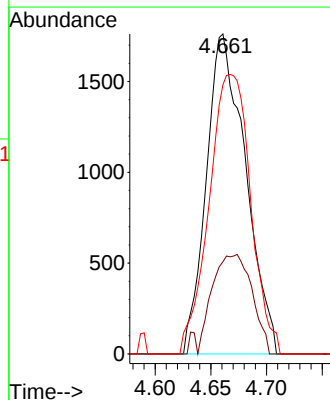
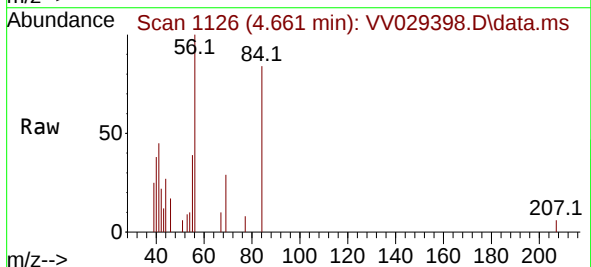
RT: 4.661 min Scan# 1126

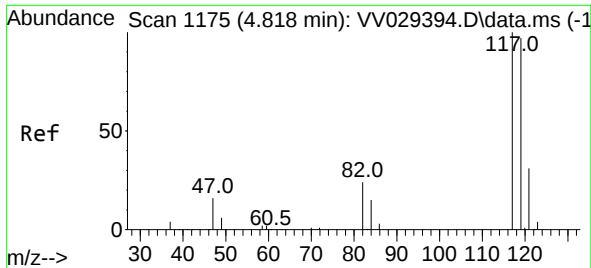
Delta R.T. -0.007 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

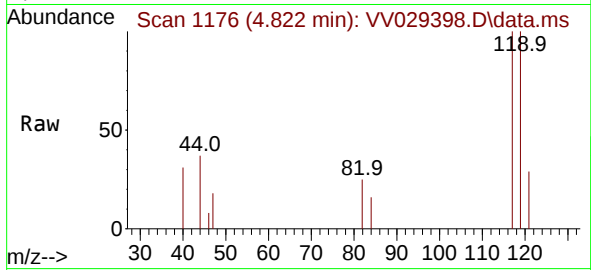
Tgt Ion: 56	Resp: 4313
Ion Ratio	Lower Upper
56 100	
69 31.5	26.1 39.1
84 92.6	75.6 113.4





#31
Carbon tetrachloride
Concen: 0.191 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

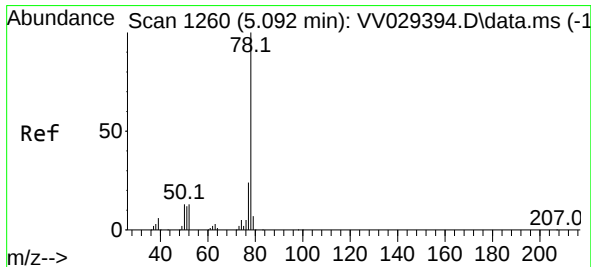
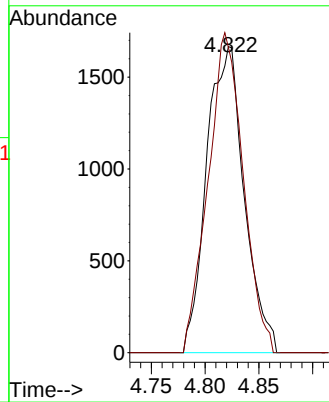
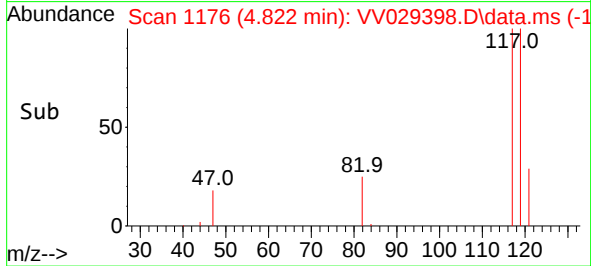
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion:117 Resp: 405
Ion Ratio Lower Upper
117 100
119 97.9 75.7 113.5

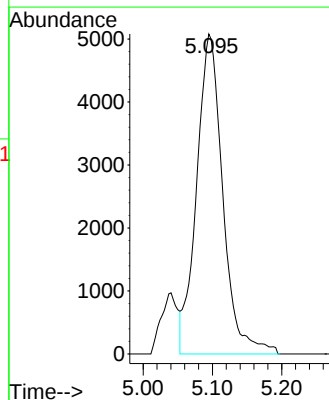
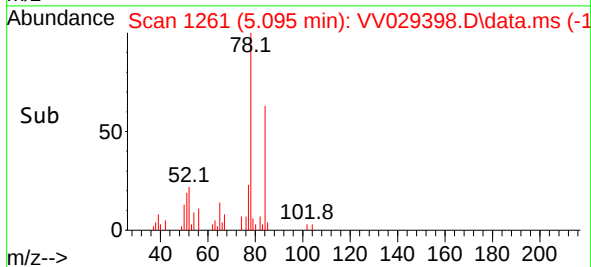
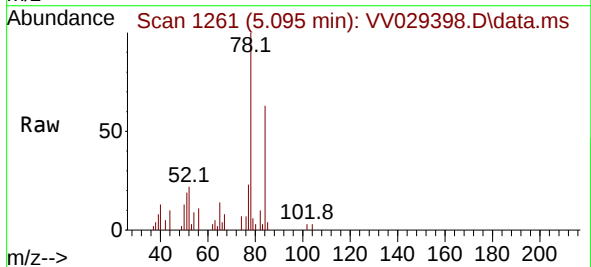
Manual Integrations
APPROVED

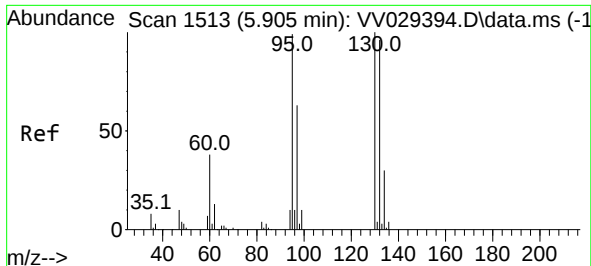
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#33
Benzene
Concen: 0.204 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

Tgt Ion: 78 Resp: 13321





#34

Trichloroethene

Concen: 0.200 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.010 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

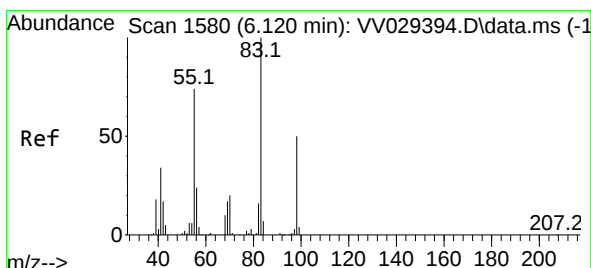
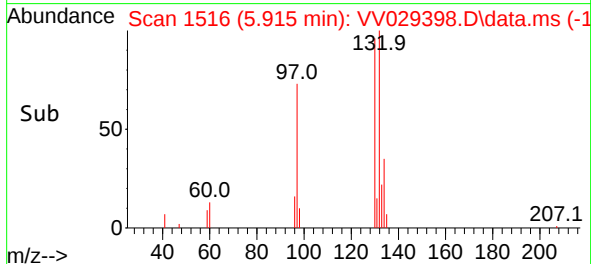
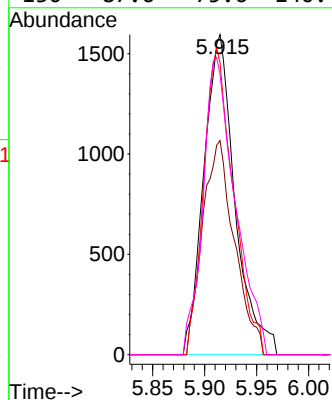
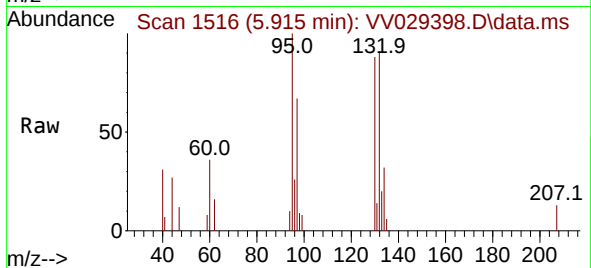
Tgt Ion:	95	Resp:	3329
Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.4	84.4
132	91.2	73.3	136.1
130	87.6	75.6	140.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#35

Methylcyclohexane

Concen: 0.193 ug/L

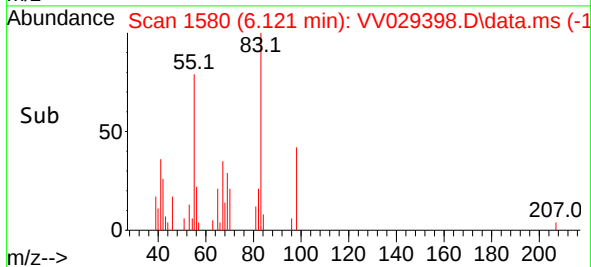
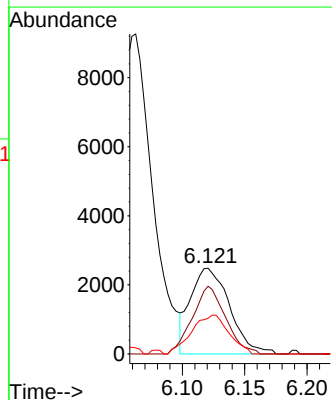
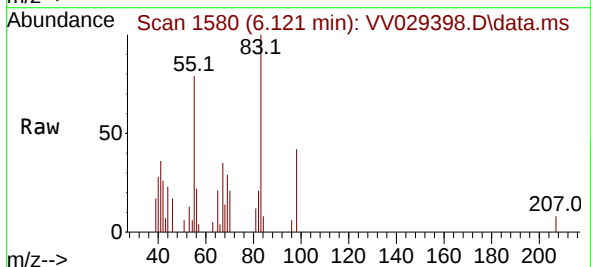
RT: 6.121 min Scan# 1580

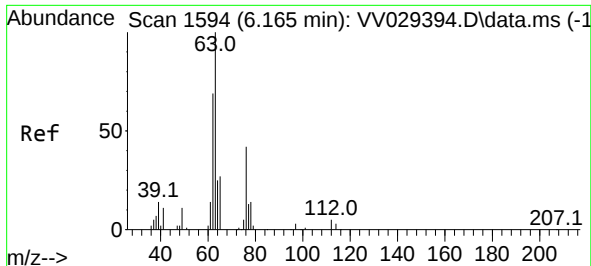
Delta R.T. -0.003 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

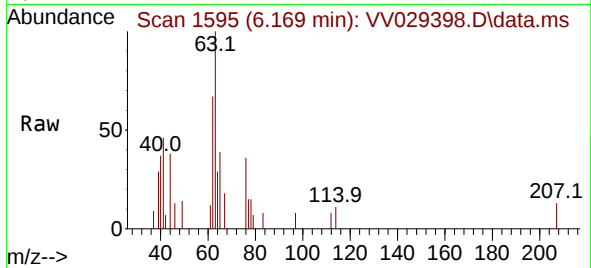
Tgt Ion:	83	Resp:	5415
Ion	Ratio	Lower	Upper
83	100		
55	66.7	55.4	83.2
98	43.1	39.4	59.2





#37
1,2-Dichloropropane
Concen: 0.182 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

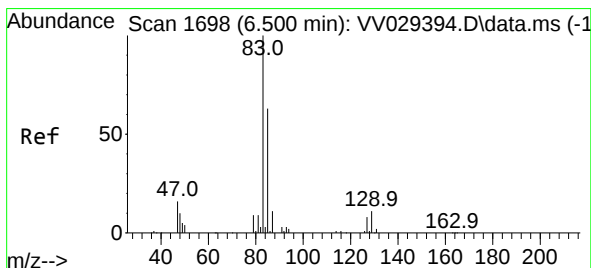
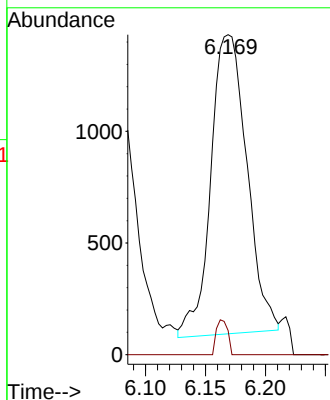
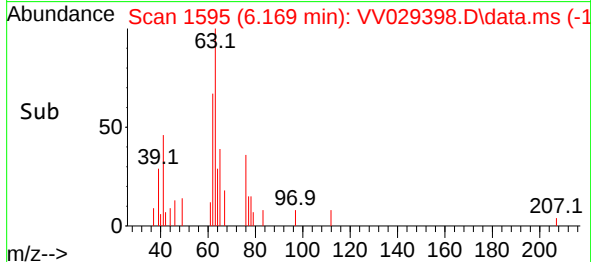
Instrument :
MSVOA_V
ClientSampleId :
MDL03



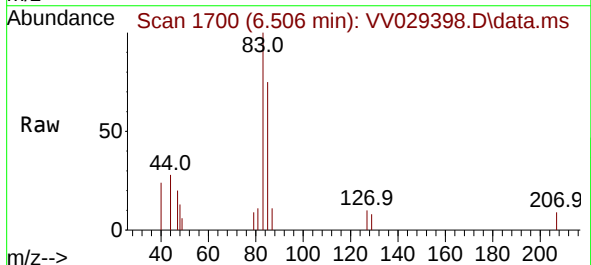
Tgt Ion: 63 Resp: 2799
Ion Ratio Lower Upper
63 100
112 3.6 4.1 6.1

Manual Integrations
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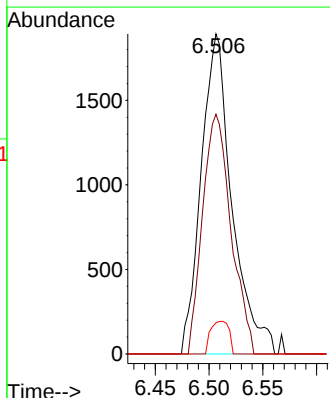
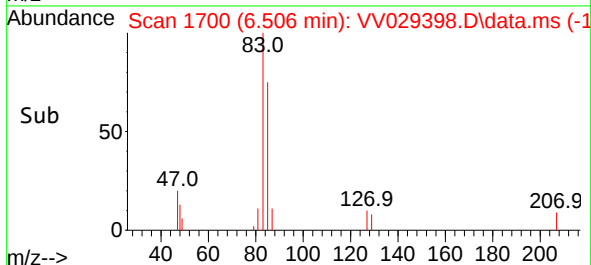
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

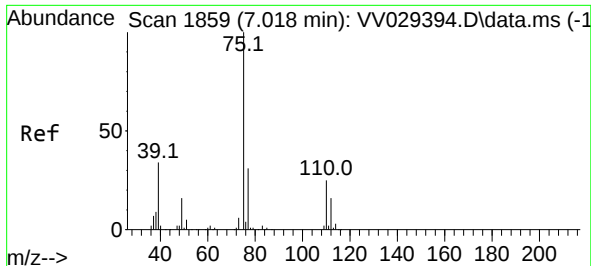


#38
Bromodichloromethane
Concen: 0.205 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00



Tgt Ion: 83 Resp: 3776
Ion Ratio Lower Upper
83 100
85 74.9 44.7 83.1
127 9.7 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 0.200 ug/L m

RT: 7.027 min Scan# 1862

Delta R.T. 0.006 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 75 Resp: 448

Ion Ratio Lower Upper

75 100

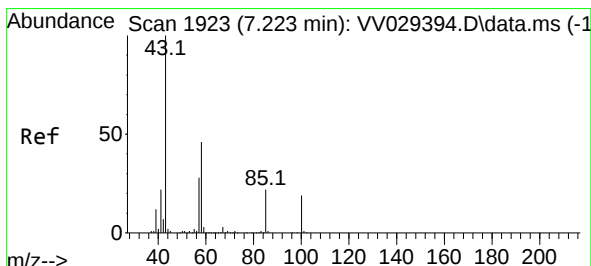
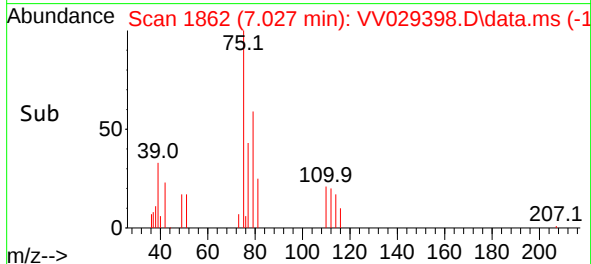
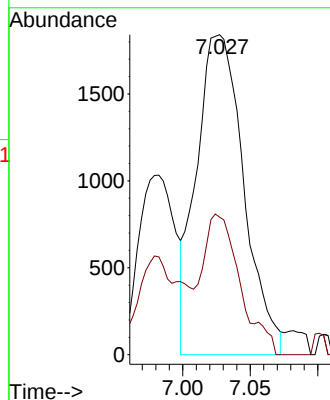
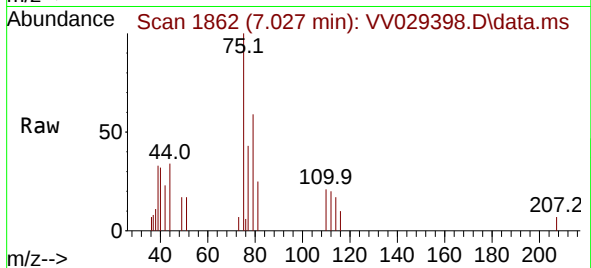
77 43.0 22.7 42.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#40

4-Methyl-2-pentanone

Concen: 1.739 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

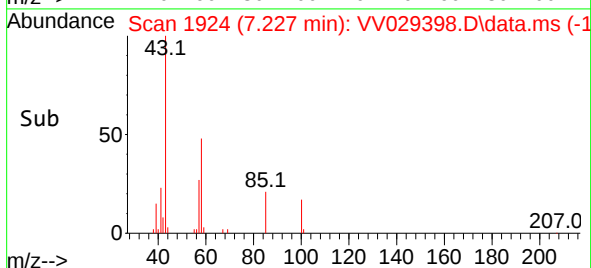
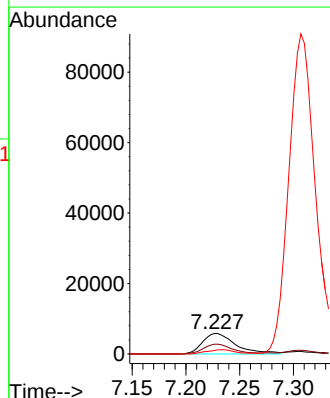
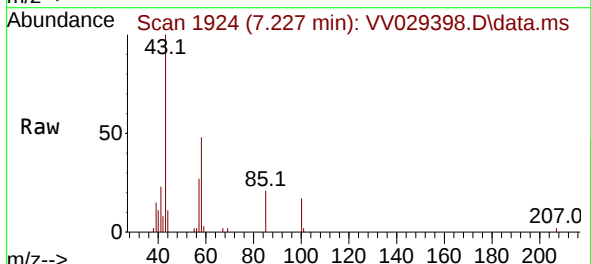
Tgt Ion: 43 Resp: 12514

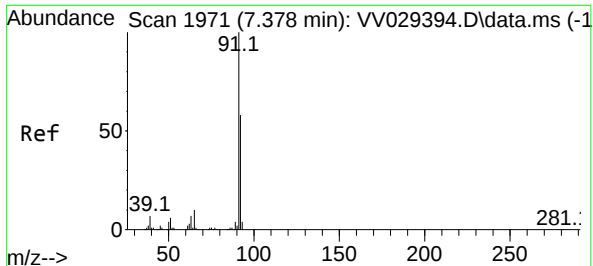
Ion Ratio Lower Upper

43 100

58 42.2 35.3 52.9

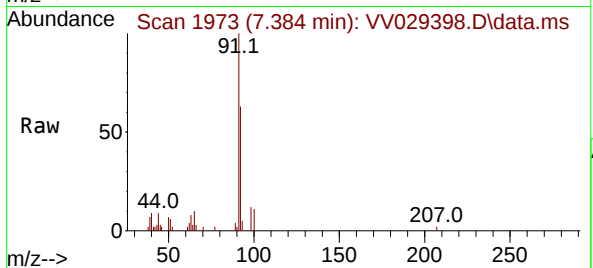
100 0.0 15.3 22.9





#42
Toluene
Concen: 0.189 ug/L
RT: 7.384 min Scan# 1971
Delta R.T. 0.006 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

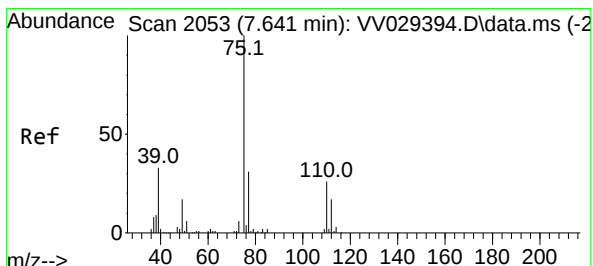
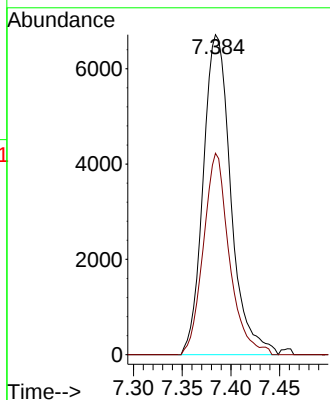
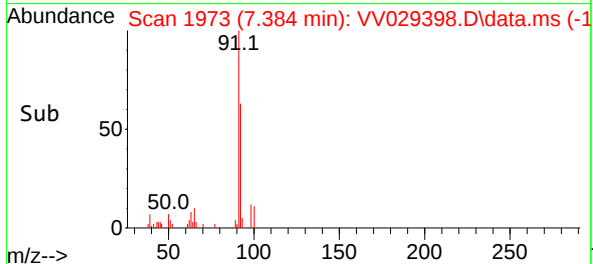
Instrument :
MSVOA_V
ClientSampleId :
MDL03



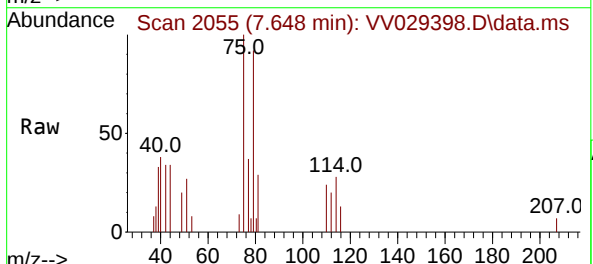
Tgt Ion: 91 Resp: 13270
Ion Ratio Lower Upper
91 100
92 63.0 40.8 75.8

Manual Integrations
APPROVED

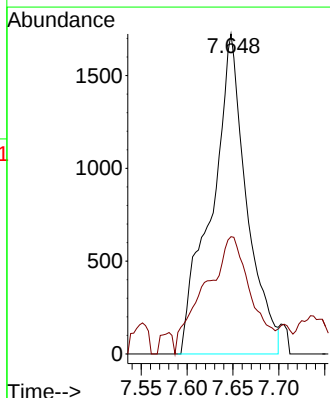
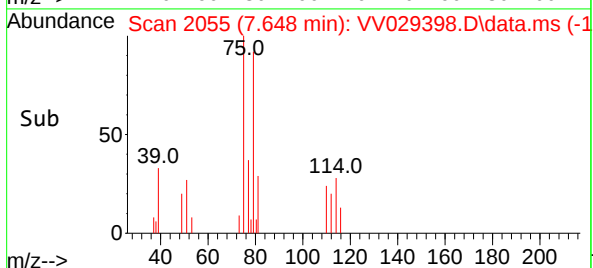
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

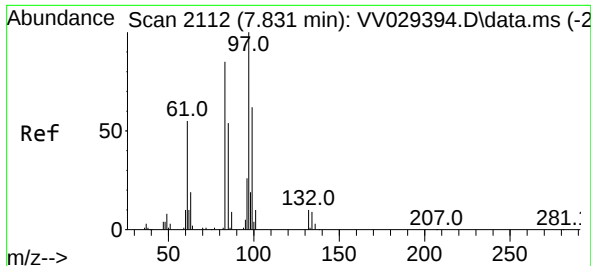


#44
trans-1,3-Dichloropropene
Concen: 0.257 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.006 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00



Tgt Ion: 75 Resp: 4578
Ion Ratio Lower Upper
75 100
77 36.7 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 0.198 ug/L

RT: 7.838 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 97 Resp: 206

Ion Ratio Lower Upper

97 100

99 57.4 44.4 82.5

83 74.4 59.5 110.5

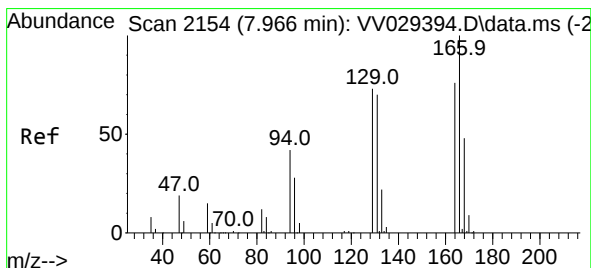
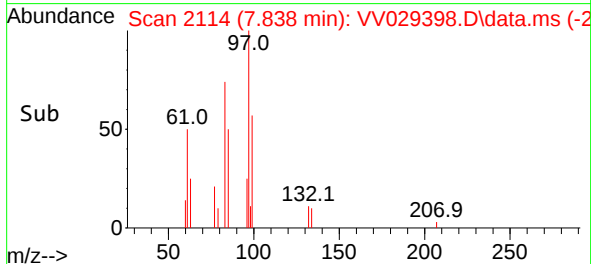
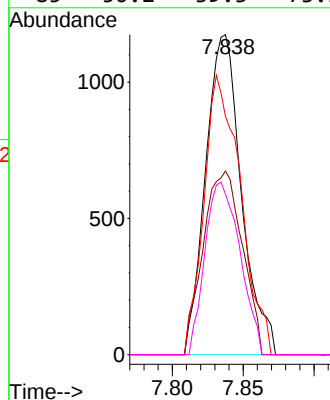
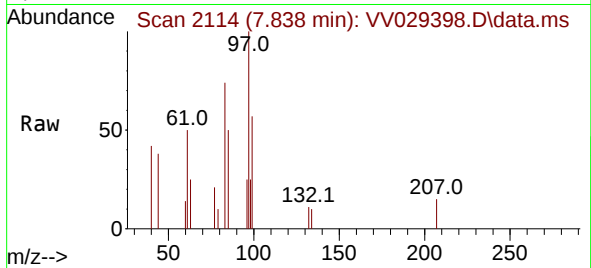
85 50.2 39.3 73.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#47

Tetrachloroethene

Concen: 0.185 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

Tgt Ion:164 Resp: 2529

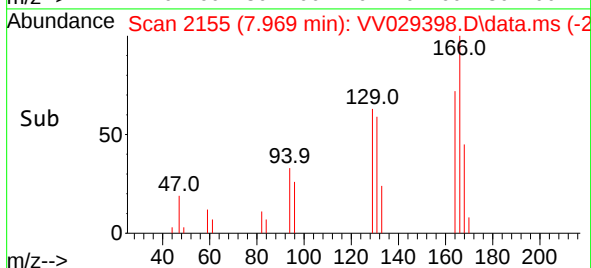
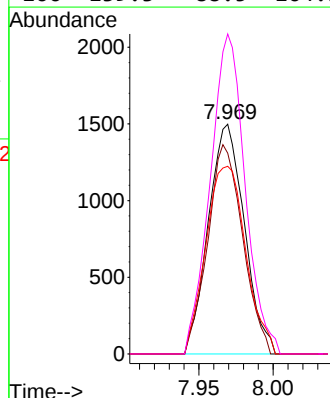
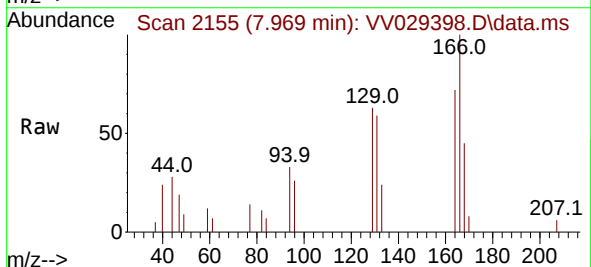
Ion Ratio Lower Upper

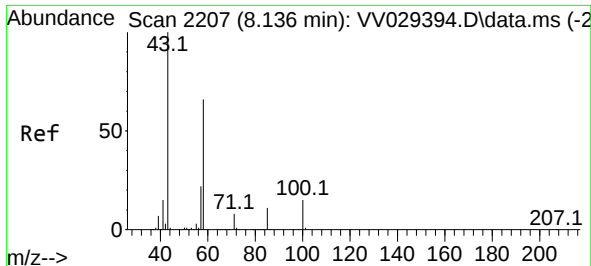
164 100

129 87.4 61.7 114.7

131 81.7 62.9 116.9

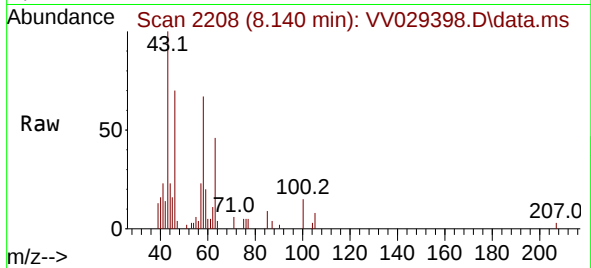
166 139.3 88.5 164.3





#48
2-Hexanone
Concen: 2.315 ug/L
RT: 8.140 min Scan# 2207
Delta R.T. 0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

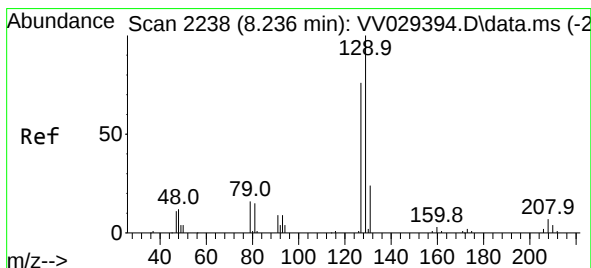
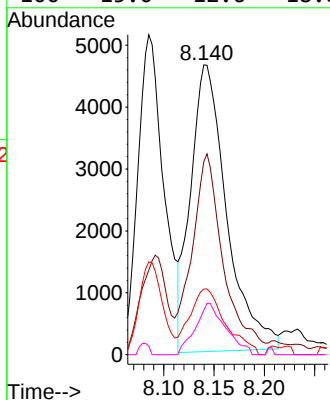
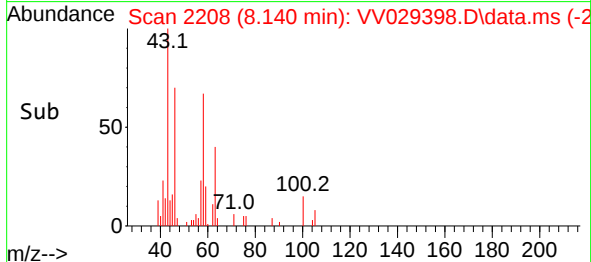
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 55.4 49.4 74.0
57 23.1 16.9 25.3
100 15.0 12.6 18.8

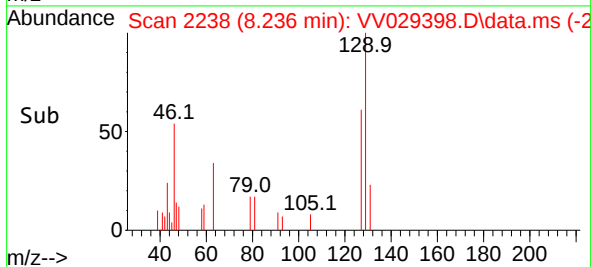
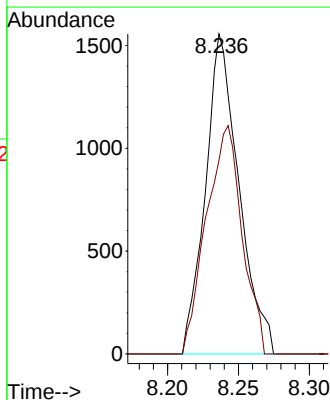
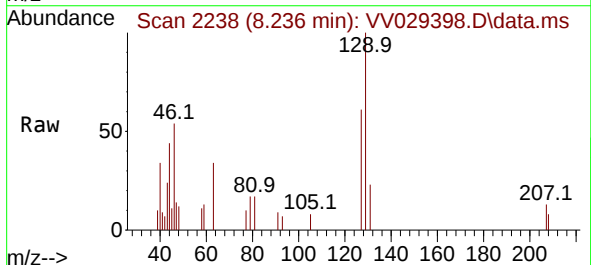
Manual Integrations
APPROVED

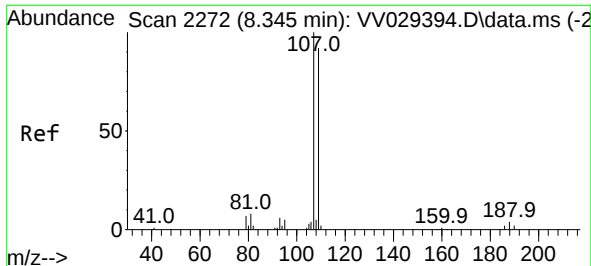
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#49
Dibromochloromethane
Concen: 0.218 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

Tgt Ion:129 Resp: 2557
Ion Ratio Lower Upper
129 100
127 60.5 53.1 98.7





#50

1,2-Dibromoethane

Concen: 0.199 ug/L

RT: 8.346 min Scan# 2272

Delta R.T. 0.003 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

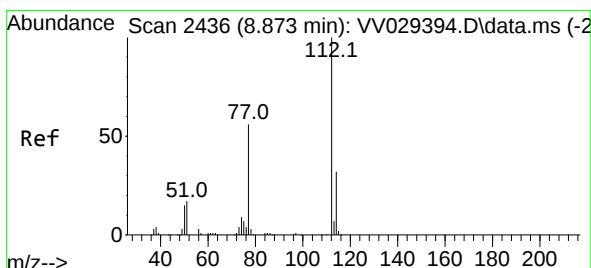
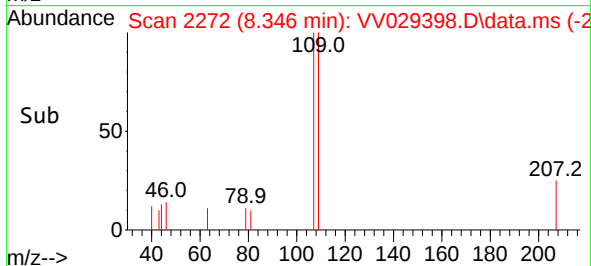
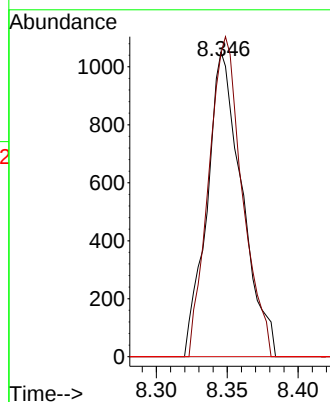
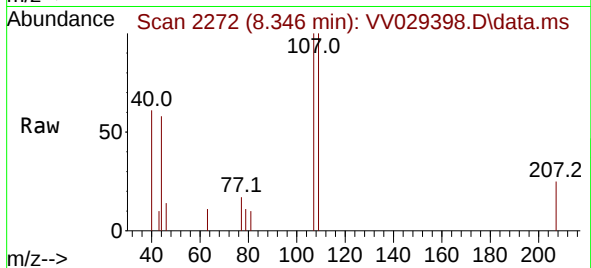
Tgt Ion:	107	Resp:	180
Ion	Ratio	Lower	Upper
107	100		
109	99.6	64.0	118.8
188	0.0	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#51

Chlorobenzene

Concen: 0.211 ug/L

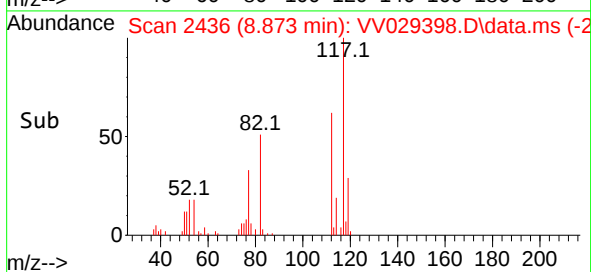
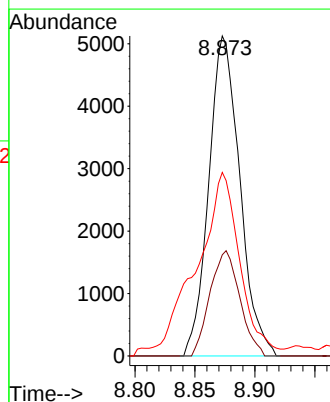
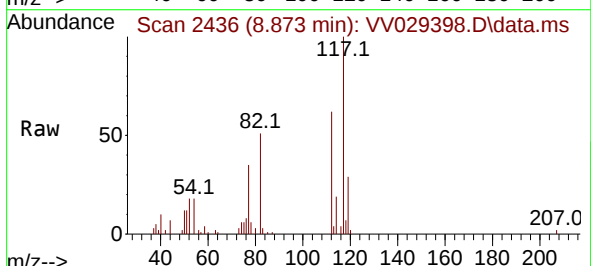
RT: 8.873 min Scan# 2436

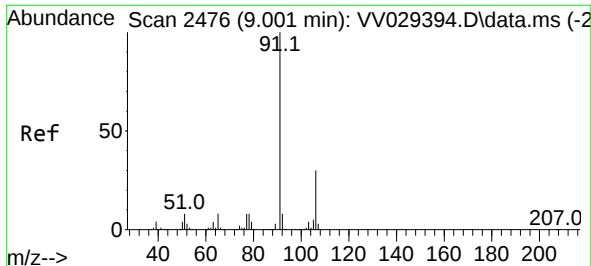
Delta R.T. -0.000 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

Tgt Ion:	112	Resp:	9233
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.9	42.5
77	57.4	45.3	67.9





#52

Ethylbenzene

Concen: 0.191 ug/L

RT: 9.005 min Scan# 2476

Delta R.T. 0.003 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 91 Resp: 1396

Ion Ratio Lower Upper

91 100

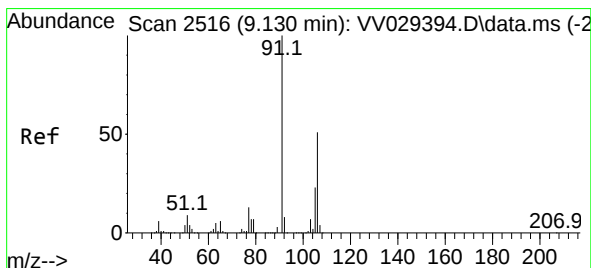
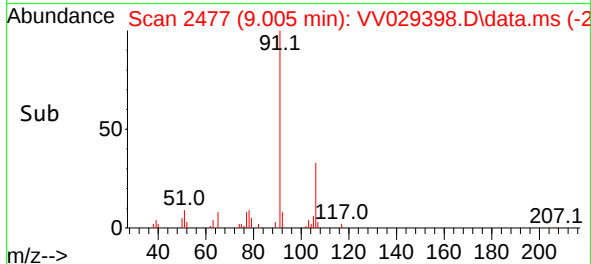
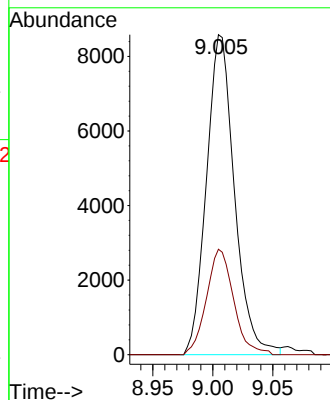
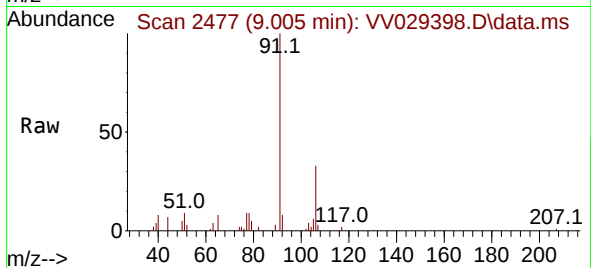
106 32.9 21.9 40.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#53

m,p-Xylene

Concen: 0.188 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029398.D

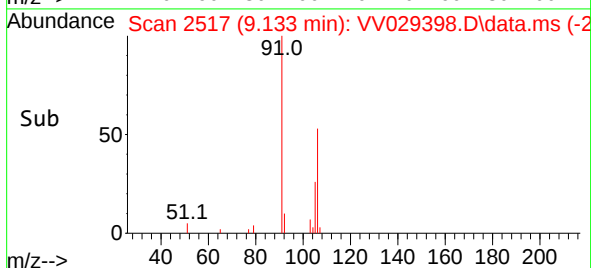
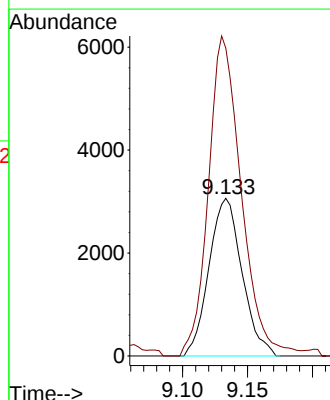
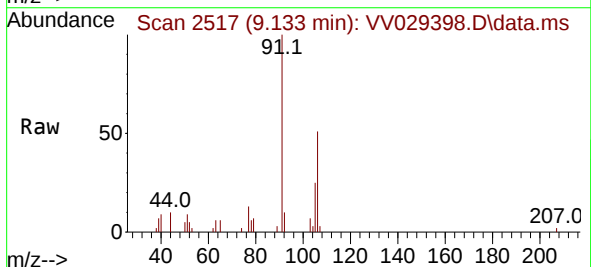
Acq: 05 Dec 2022 12:00

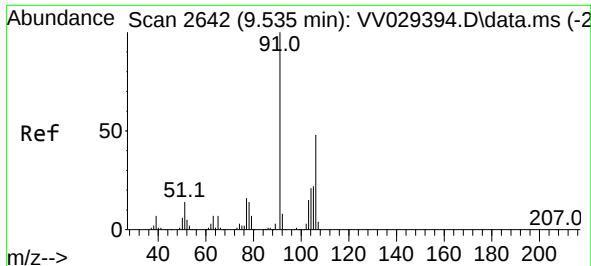
Tgt Ion:106 Resp: 5420

Ion Ratio Lower Upper

106 100

91 195.4 140.6 261.2





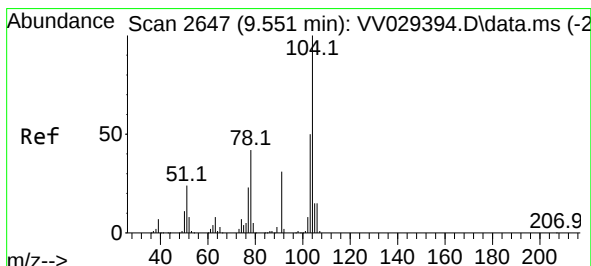
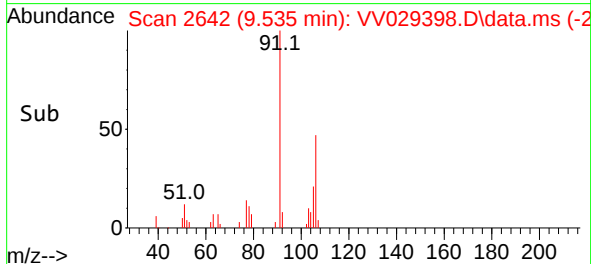
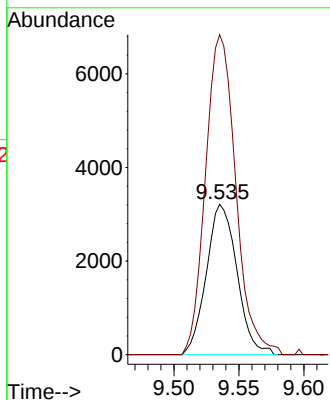
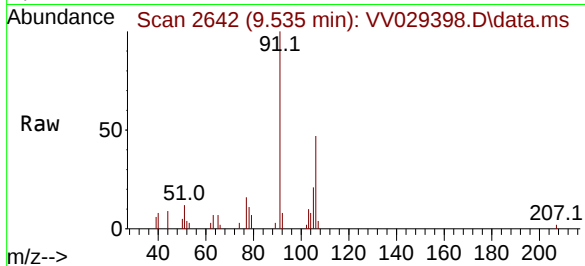
#54
o-Xylene
Concen: 0.186 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:106 Resp: 526
Ion Ratio Lower Upper
106 100
91 212.7 146.9 272.9

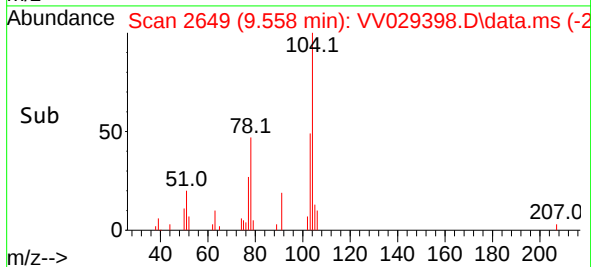
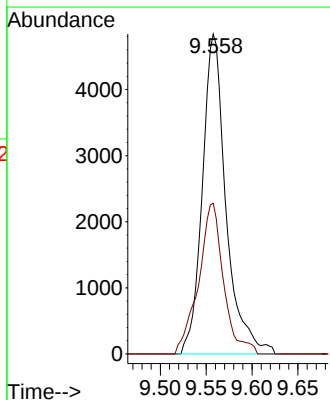
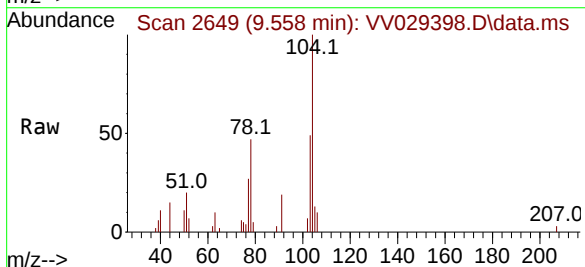
Manual Integrations
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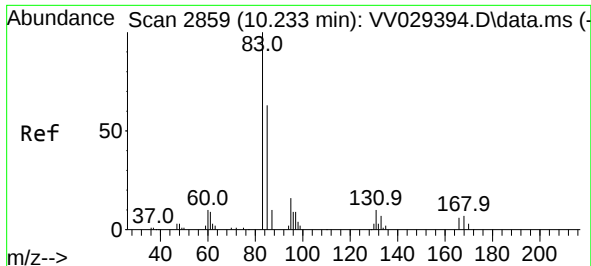
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#55
Styrene
Concen: 0.182 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

Tgt Ion:104 Resp: 8679
Ion Ratio Lower Upper
104 100
78 47.1 29.9 55.5





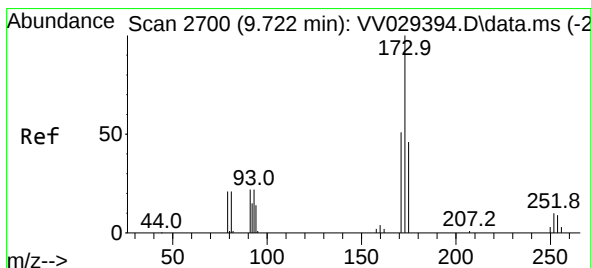
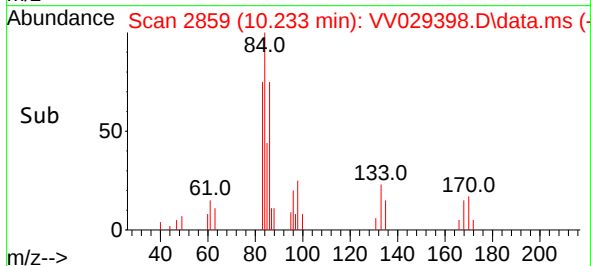
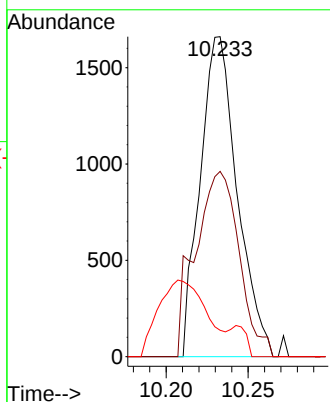
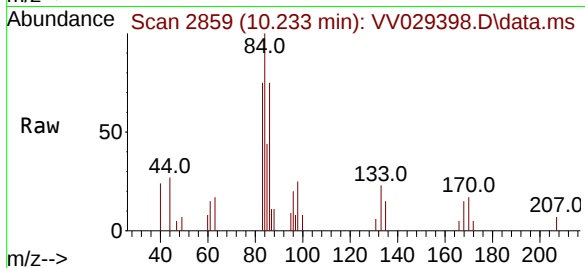
#57
1,1,2,2-Tetrachloroethane
Concen: 0.242 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 83 Resp: 2610
Ion Ratio Lower Upper
83 100
85 57.9 45.5 84.5
131 8.2 8.2 12.2

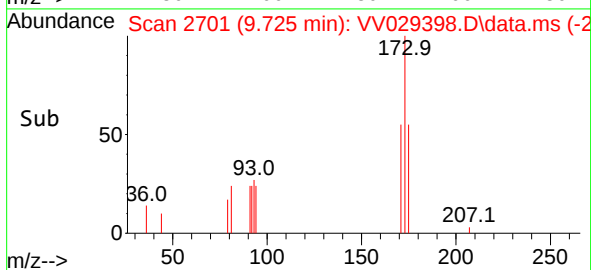
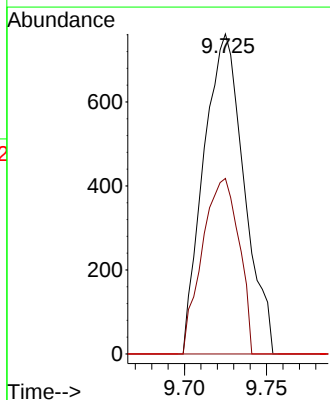
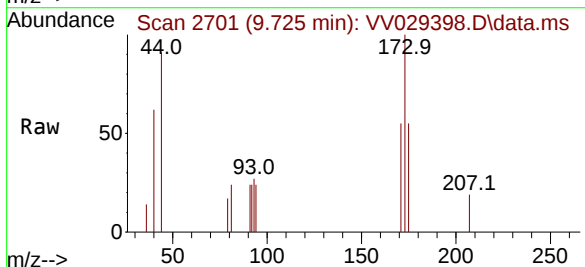
Manual Integrations
APPROVED

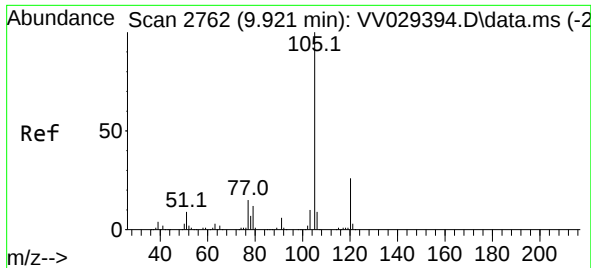
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#59
Bromoform
Concen: 0.221 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

Tgt Ion:173 Resp: 1303
Ion Ratio Lower Upper
173 100
175 49.8 38.6 58.0
254 0.0 8.3 12.5





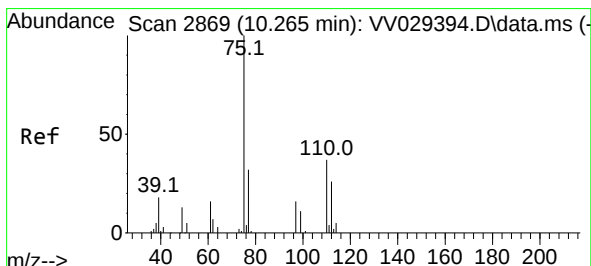
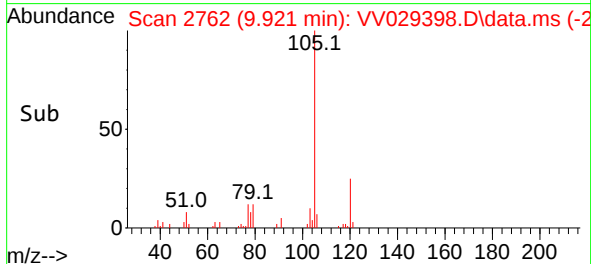
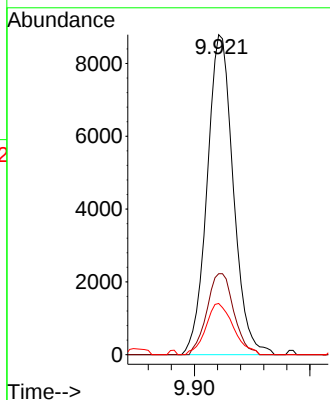
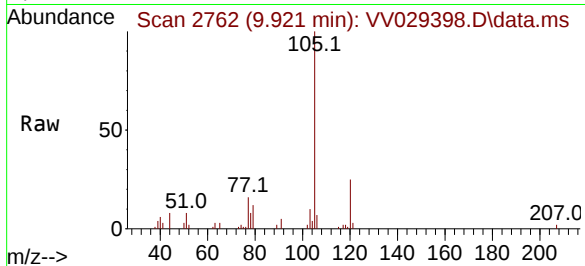
#60
Isopropylbenzene
Concen: 0.190 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:	105	Resp:	1381
Ion Ratio	Lower	Upper	
105	100		
120	26.0	21.4	32.2
77	16.9	11.8	17.8

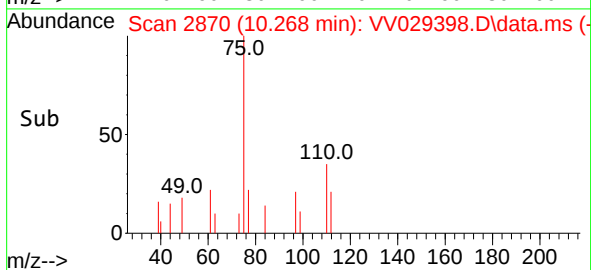
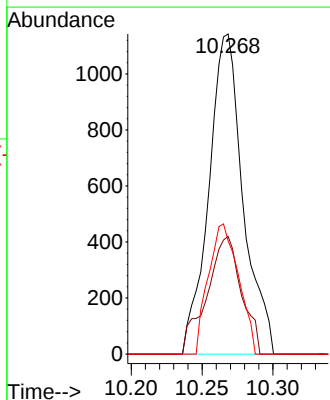
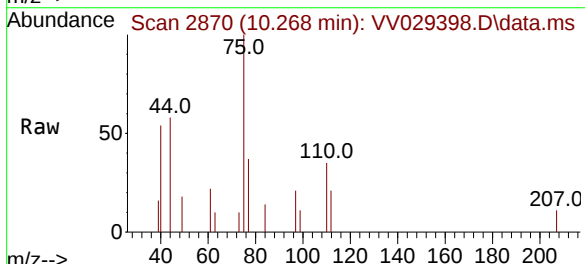
Manual Integrations
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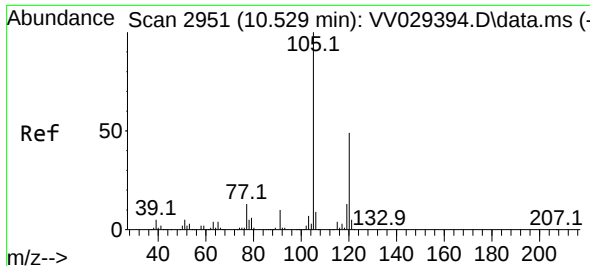
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#61
1,2,3-Trichloropropane
Concen: 0.247 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

Tgt Ion:	75	Resp:	1924
Ion Ratio	Lower	Upper	
75	100		
77	37.2	26.7	40.1
110	35.7	32.2	48.4





#62

1,3,5-Trimethylbenzene

Concen: 0.186 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:105 Resp: 11698

Ion Ratio Lower Upper

105 100

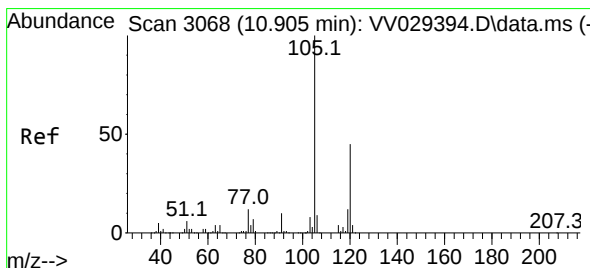
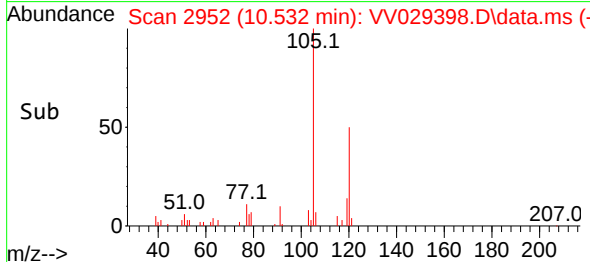
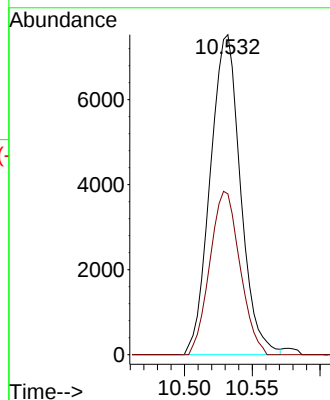
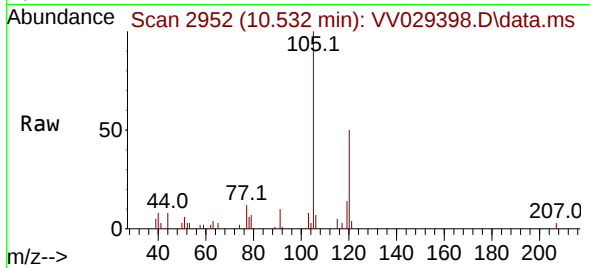
120 50.7 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#63

1,2,4-Trimethylbenzene

Concen: 0.183 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV029398.D

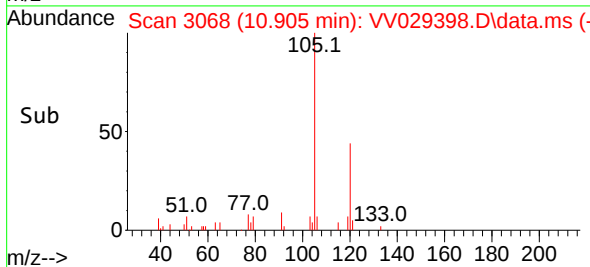
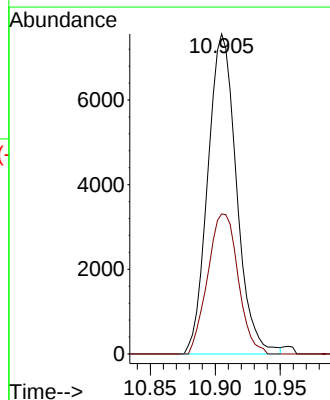
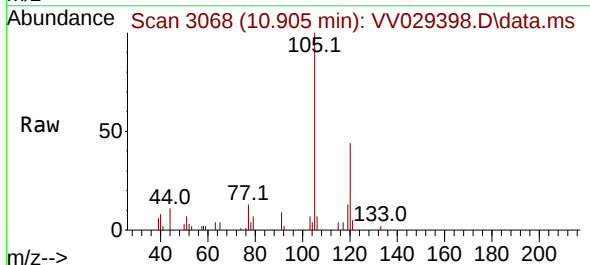
Acq: 05 Dec 2022 12:00

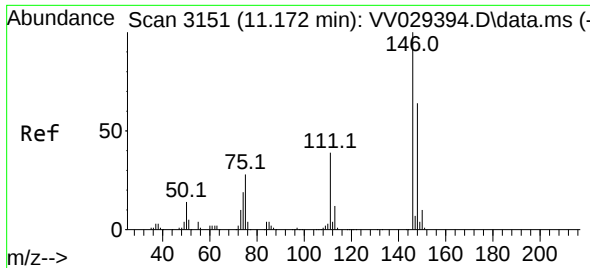
Tgt Ion:105 Resp: 11607

Ion Ratio Lower Upper

105 100

120 46.3 37.2 55.8





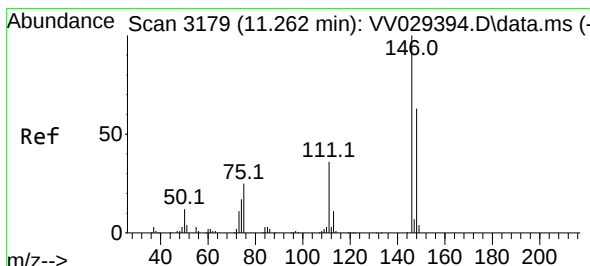
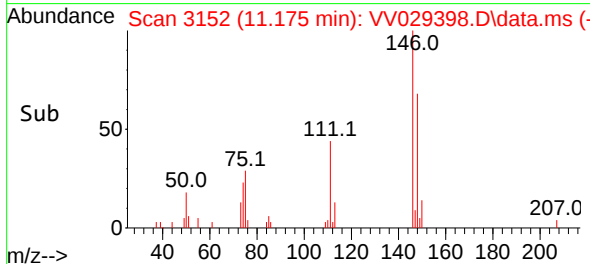
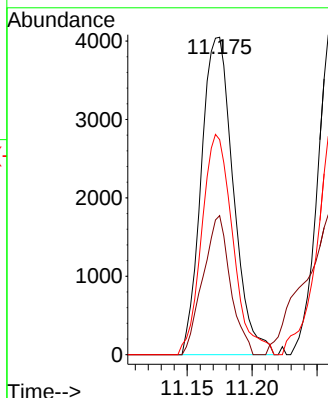
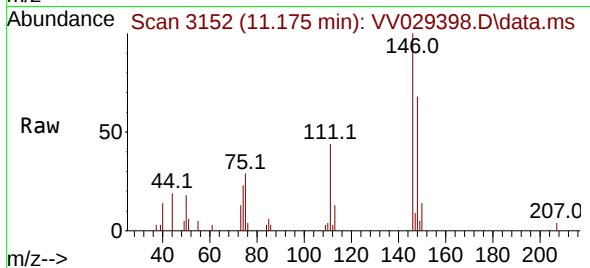
#64
1,3-Dichlorobenzene
Concen: 0.205 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:146 Resp: 6940
Ion Ratio Lower Upper
146 100
111 43.8 26.3 48.9
148 67.7 44.4 82.4

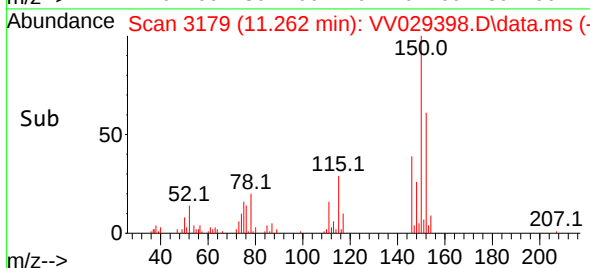
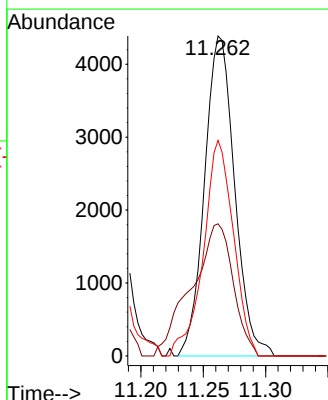
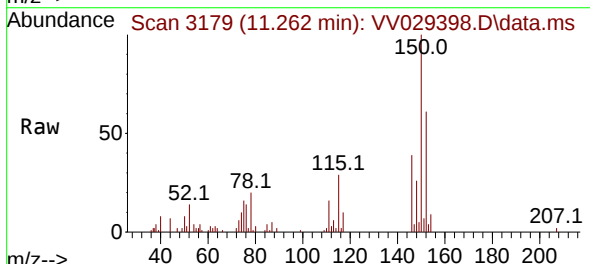
Manual Integrations
APPROVED

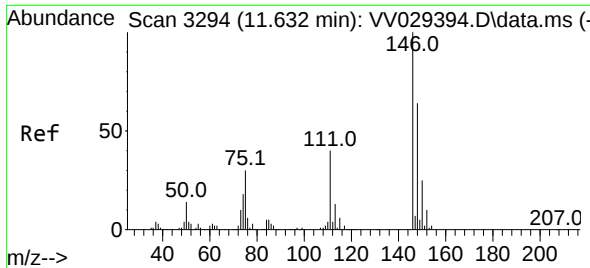
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#65
1,4-Dichlorobenzene
Concen: 0.220 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

Tgt Ion:146 Resp: 7378
Ion Ratio Lower Upper
146 100
111 41.3 26.0 48.4
148 67.4 44.7 82.9





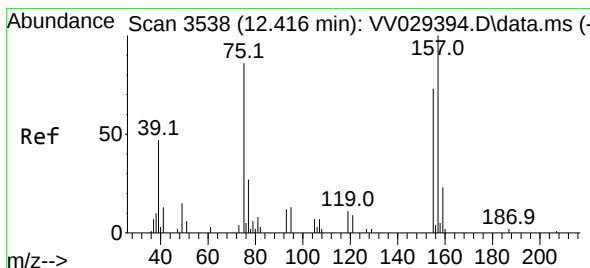
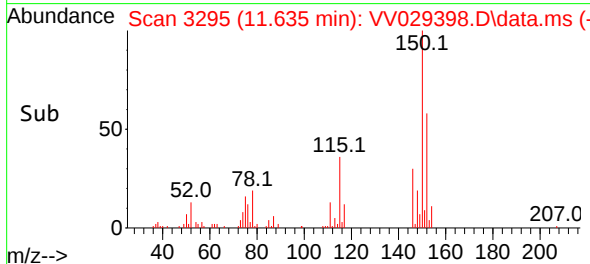
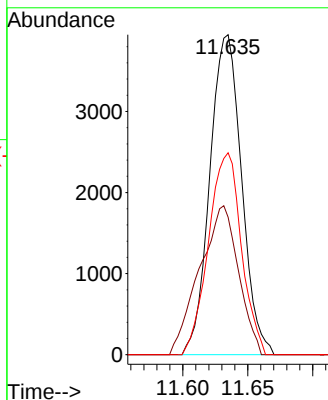
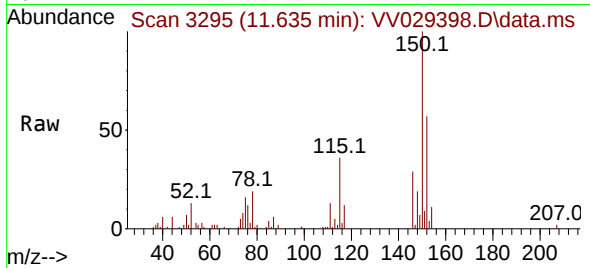
#67
1,2-Dichlorobenzene
Concen: 0.215 ug/L
RT: 11.635 min Scan# 3294
Delta R.T. 0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:146 Resp: 670
Ion Ratio Lower Upper
146 100
111 42.9 33.5 50.3
148 63.1 50.7 76.1

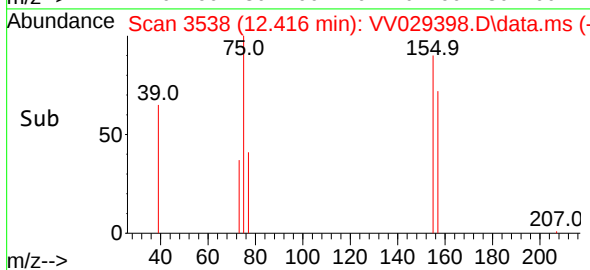
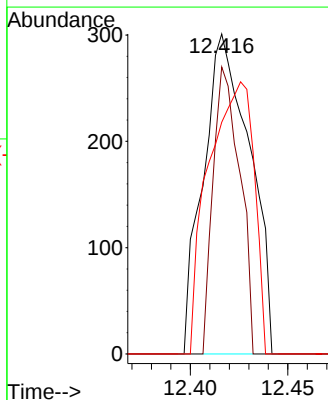
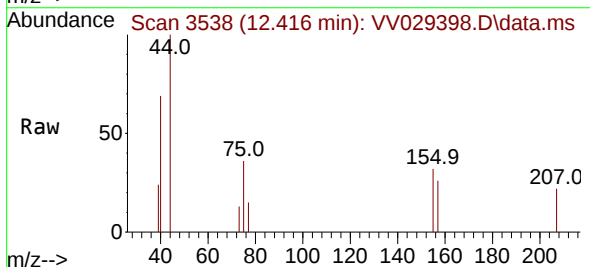
Manual Integrations
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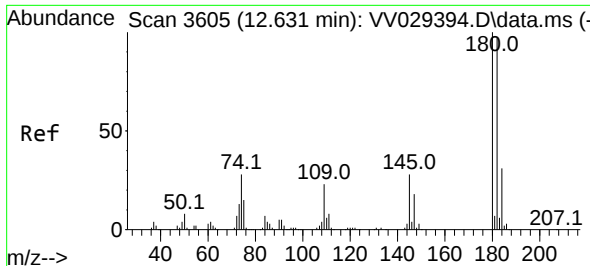
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#68
1,2-Dibromo-3-chloropropane
Concen: 0.327 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.000 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

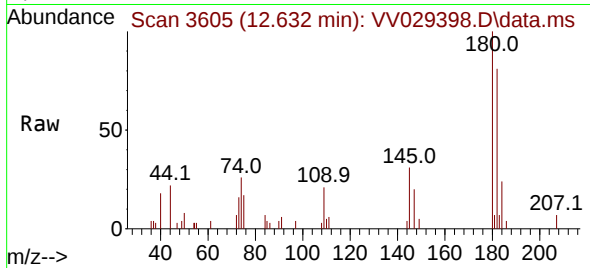
Tgt Ion: 75 Resp: 500
Ion Ratio Lower Upper
75 100
155 89.7 76.6 115.0
157 72.4 96.9 145.3





#69
1,3,5-Trichlorobenzene
Concen: 0.216 ug/L
RT: 12.632 min Scan# 3605
Delta R.T. -0.000 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00

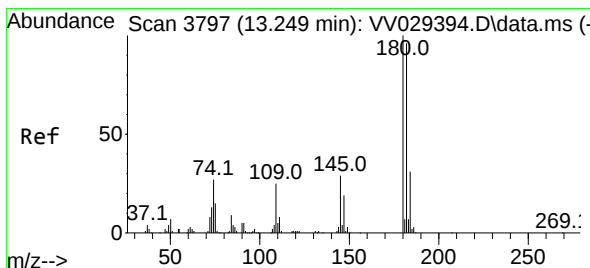
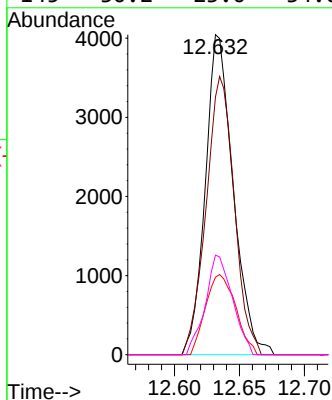
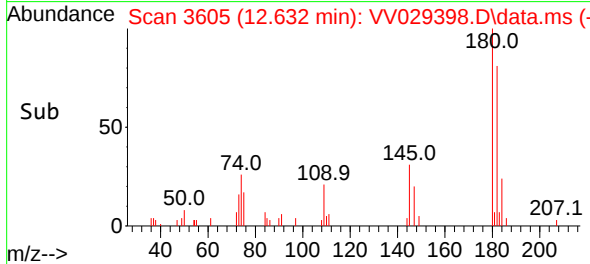
Instrument :
MSVOA_V
ClientSampleId :
MDL03



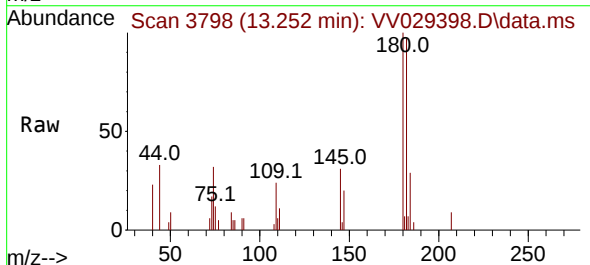
Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.8	77.0	115.6
184	27.1	24.4	36.6
145	30.2	23.0	34.6

Manual Integrations
APPROVED

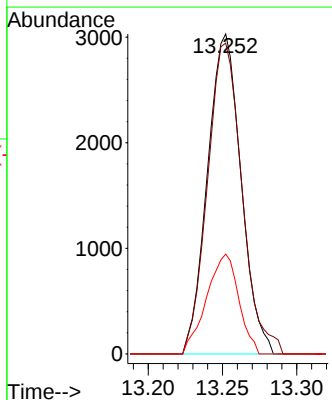
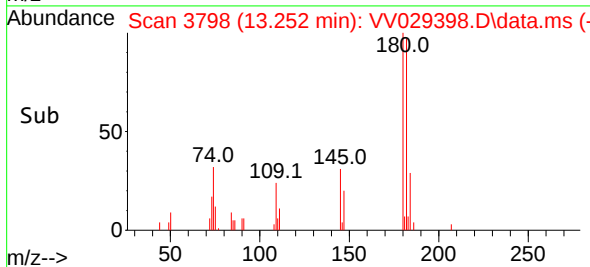
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

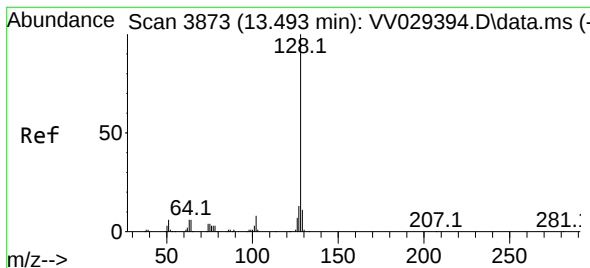


#70
1,2,4-trichlorobenzene
Concen: 0.211 ug/L
RT: 13.252 min Scan# 3798
Delta R.T. 0.003 min
Lab File: VV029398.D
Acq: 05 Dec 2022 12:00



Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	76.2	114.4
145	29.8	23.4	35.0





#71

Naphthalene

Concen: 0.296 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

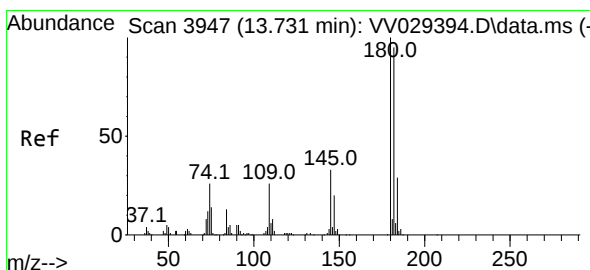
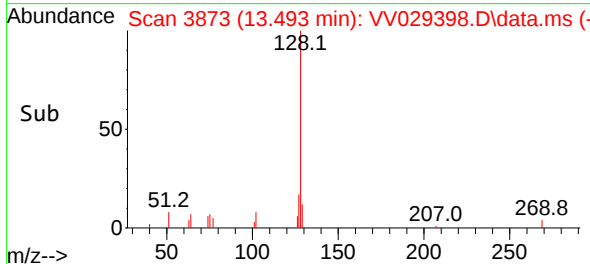
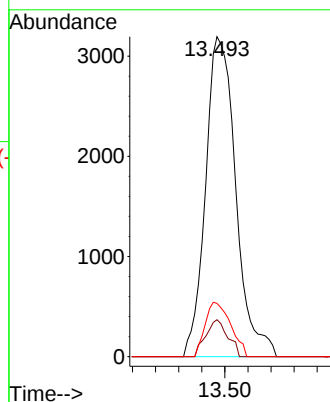
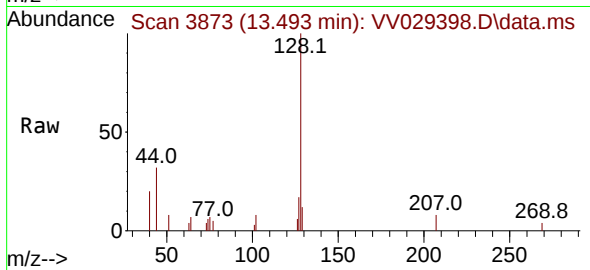
Tgt Ion:	128	Resp:	5804
Ion Ratio	Lower	Upper	
128	100		
129	8.4	8.9	13.3
127	14.3	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#72

1,2,3-Trichlorobenzene

Concen: 0.240 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV029398.D

Acq: 05 Dec 2022 12:00

Tgt Ion:	180	Resp:	4412
Ion Ratio	Lower	Upper	
180	100		
182	83.2	75.0	112.4
145	26.8	25.2	37.8

