

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120522\
 Data File : VW029399.D
 Acq On : 05 Dec 2022 12:21
 Operator : SY/MD
 Sample : MDL04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

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

Quant Time: Dec 05 23:30:47 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	5.616	114	227569	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	208534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	109553	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69372	4.954	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.564	69	51839	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.105	63	85491	3.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.921	46	96230	41.075	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.140%
24) Chloroform-d	4.346	84	117264	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.031	65	52184	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.047	84	253319	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.069	67	76460	4.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.310	98	232323	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.619	79	28551	4.573	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.091	63	106489	47.846	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.700%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	51257	5.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	82867	4.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3098	0.182	ug/L	96
3) Chloromethane	1.240	50	3985	0.256	ug/L	88
5) Vinyl chloride	1.307	62	3097	0.200	ug/L #	45
6) Bromomethane	1.519	94	1578	0.163	ug/L	88
8) Chloroethane	1.584	64	2008	0.218	ug/L	95
9) Trichlorofluoromethane	1.751	101	4229	0.195	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3332	0.275	ug/L #	79
12) 1,1-Dichloroethene	2.114	96	3262	0.279	ug/L #	1
13) Acetone	2.224	43	4463m	2.620	ug/L	
14) Carbon disulfide	2.291	76	7488	0.220	ug/L #	92
15) Methyl Acetate	2.455	43	1250m	0.255	ug/L	
16) Methylene chloride	2.507	84	5533	0.309	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	6452	0.216	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	2703	0.201	ug/L	92
19) 1,1-Dichloroethane	3.188	63	5082	0.210	ug/L #	84
21) 2-Butanone	4.018	43	4491m	1.684	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	3174	0.207	ug/L	75
23) Bromochloromethane	4.249	128	1212	0.197	ug/L #	85
25) Chloroform	4.378	83	5930	0.235	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	3007	0.220	ug/L #	92
29) 1,1,1-Trichloroethane	4.603	97	4901	0.204	ug/L	99
30) Cyclohexane	4.670	56	4427	0.187	ug/L #	92
31) Carbon tetrachloride	4.828	117	3945	0.194	ug/L	93
33) Benzene	5.101	78	11888	0.191	ug/L	100
34) Trichloroethene	5.921	95	2970	0.187	ug/L	91
35) Methylcyclohexane	6.127	83	5033	0.187	ug/L	96
37) 1,2-Dichloropropane	6.172	63	3024	0.206	ug/L #	85
38) Bromodichloromethane	6.510	83	3941	0.224	ug/L #	98
39) cis-1,3-Dichloropropene	7.034	75	4485	0.209	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	12671	1.843	ug/L #	86
42) Toluene	7.387	91	13146	0.196	ug/L	93
44) trans-1,3-Dichloropropene	7.651	75	3849	0.226	ug/L	88
45) 1,1,2-Trichloroethane	7.838	97	2086	0.210	ug/L	95
47) Tetrachloroethene	7.973	164	2445	0.187	ug/L	90
48) 2-Hexanone	8.146	43	11513	2.402	ug/L	96
49) Dibromochloromethane	8.239	129	2504	0.224	ug/L	98
50) 1,2-Dibromoethane	8.352	107	1804	0.208	ug/L #	91
51) Chlorobenzene	8.876	112	8774	0.210	ug/L	99
52) Ethylbenzene	9.008	91	13784	0.198	ug/L	100
53) m,p-Xylene	9.136	106	5139	0.187	ug/L	92
54) o-Xylene	9.538	106	5488	0.203	ug/L	94
55) Styrene	9.561	104	8723	0.191	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	2813	0.273	ug/L	85
59) Bromoform	9.728	173	1468	0.255	ug/L #	93
60) Isopropylbenzene	9.924	105	13813	0.195	ug/L	97
61) 1,2,3-Trichloropropane	10.268	75	1744	0.230	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.532	105	11630	0.190	ug/L	96
63) 1,2,4-Trimethylbenzene	10.905	105	11369	0.184	ug/L	97
64) 1,3-Dichlorobenzene	11.175	146	7044	0.213	ug/L	95
65) 1,4-Dichlorobenzene	11.265	146	7579	0.232	ug/L	92
67) 1,2-Dichlorobenzene	11.632	146	6368	0.209	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	12.413	75	441	0.296	ug/L #	63
69) 1,3,5-Trichlorobenzene	12.635	180	5799	0.213	ug/L	94
70) 1,2,4-trichlorobenzene	13.249	180	4648	0.211	ug/L	96
71) Naphthalene	13.496	128	6161	0.323	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	3964	0.221	ug/L	97

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

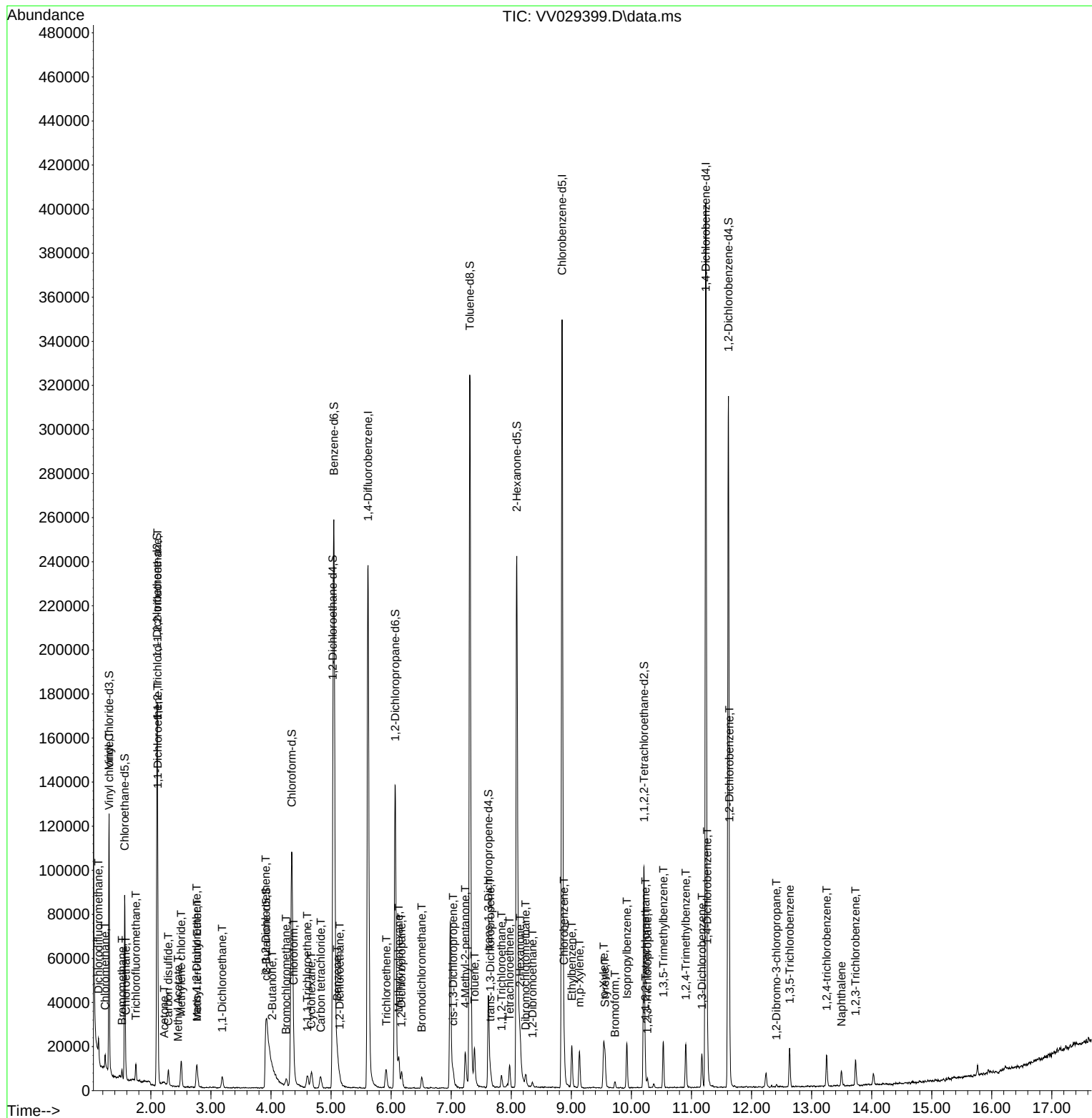
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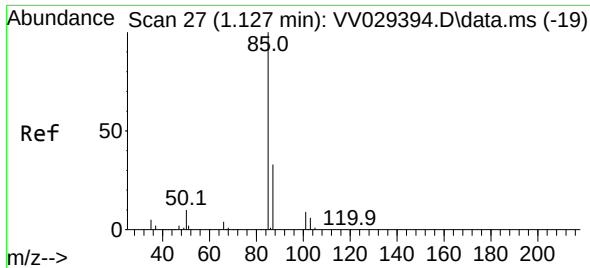
Instrument :
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 ClientSampleId :
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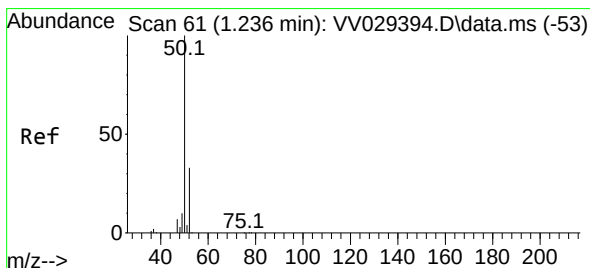
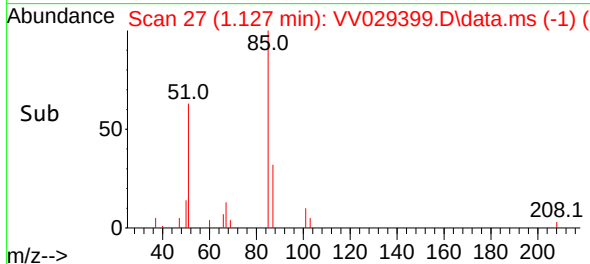
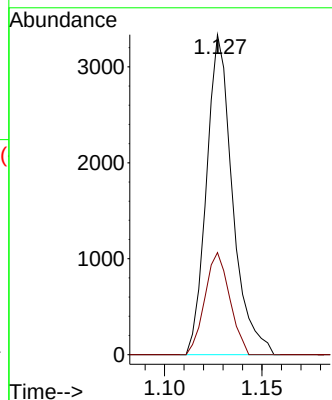
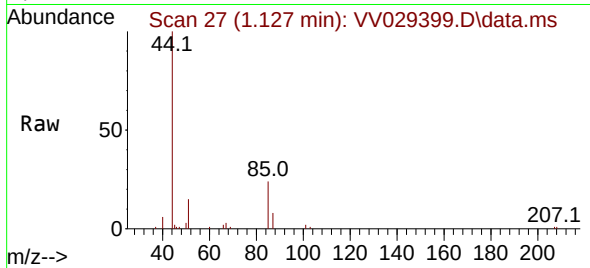
#2
 Dichlorodifluoromethane
 Concen: 0.182 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029399.D
 Acq: 05 Dec 2022 12:21

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Tgt Ion: 85 Resp: 3098
 Ion Ratio Lower Upper
 85 100
 87 30.4 26.2 39.4

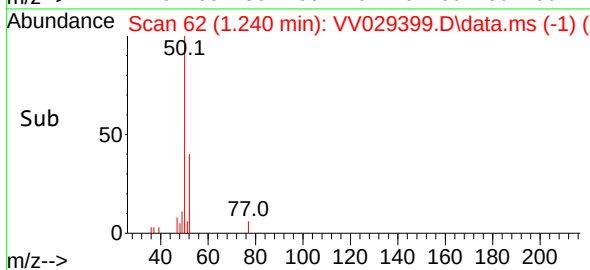
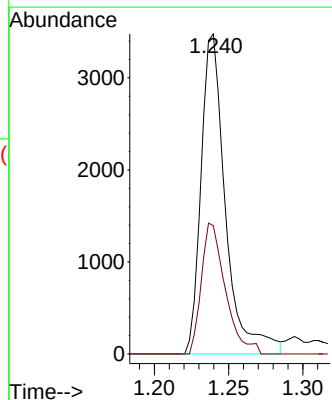
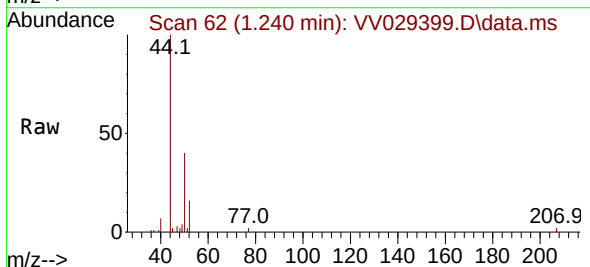
Manual Integrations
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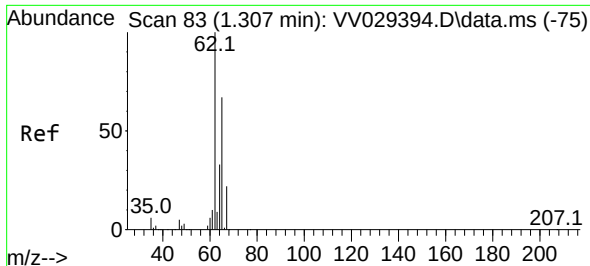
Reviewed By :Krupa Patel 12/06/2022
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#3
 Chloromethane
 Concen: 0.256 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029399.D
 Acq: 05 Dec 2022 12:21

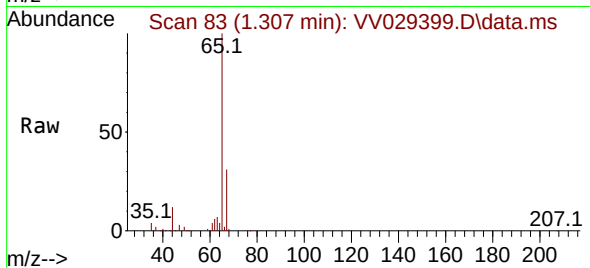
Tgt Ion: 50 Resp: 3985
 Ion Ratio Lower Upper
 50 100
 52 40.1 23.2 43.2





#5
 Vinyl chloride
 Concen: 0.200 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV029399.D
 Acq: 05 Dec 2022 12:21

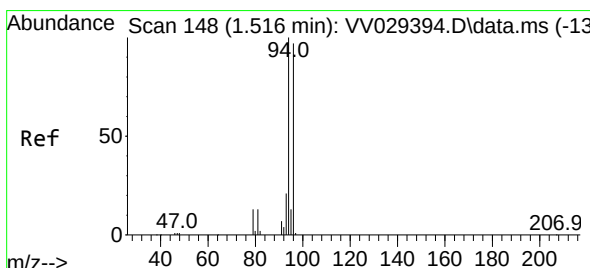
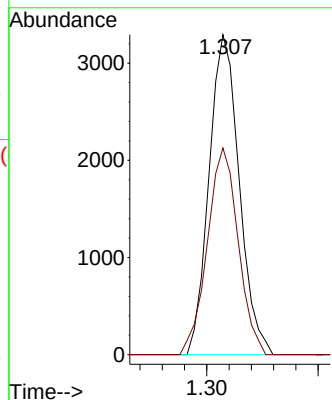
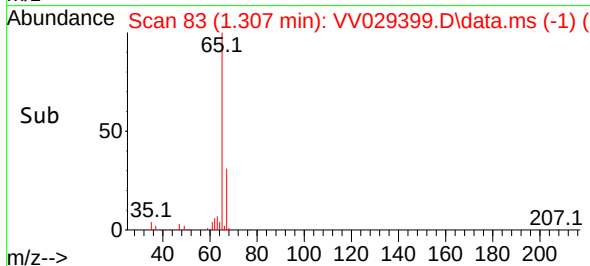
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



Tgt Ion: 62 Resp: 309
 Ion Ratio Lower Upper
 62 100
 64 64.6 23.4 43.4

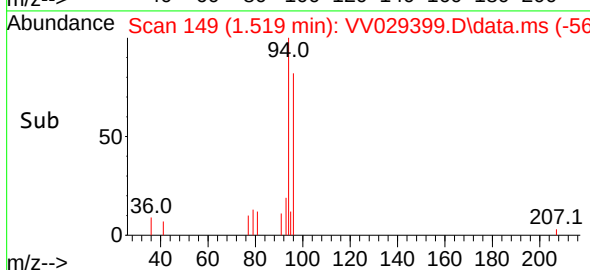
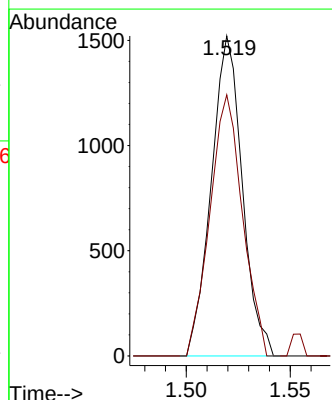
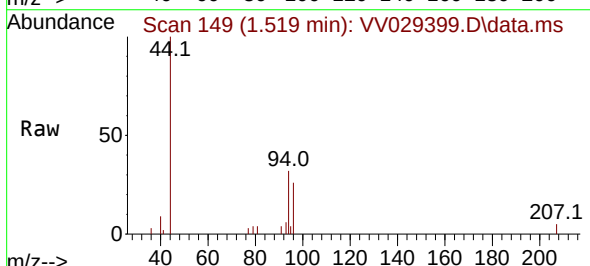
Manual Integrations
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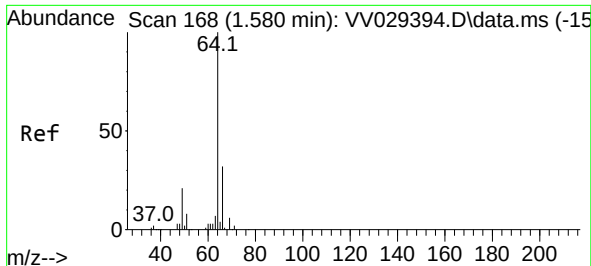
Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022



#6
 Bromomethane
 Concen: 0.163 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV029399.D
 Acq: 05 Dec 2022 12:21

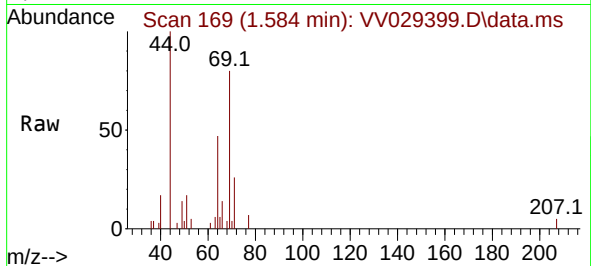
Tgt Ion: 94 Resp: 1578
 Ion Ratio Lower Upper
 94 100
 96 81.6 65.4 121.4





#8
Chloroethane
Concen: 0.218 ug/L
RT: 1.584 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

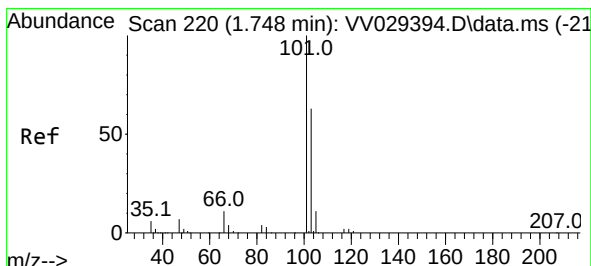
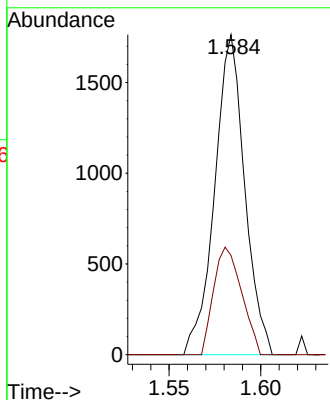
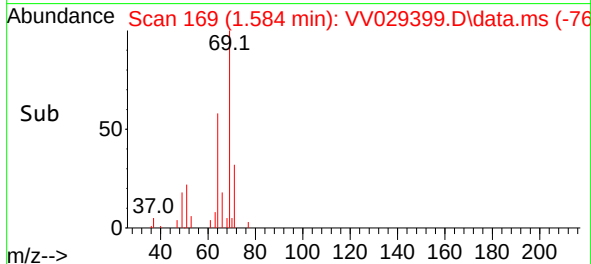
Instrument :
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ClientSampleId :
MDL04



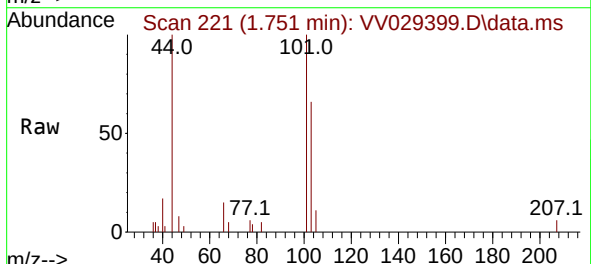
Tgt Ion: 64 Resp: 2008
Ion Ratio Lower Upper
64 100
66 31.0 23.5 43.7

Manual Integrations
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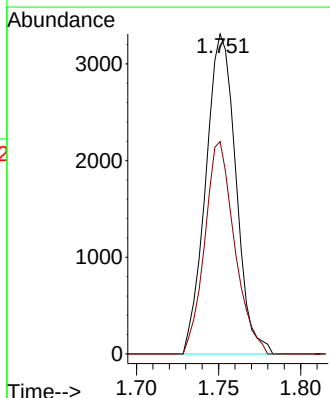
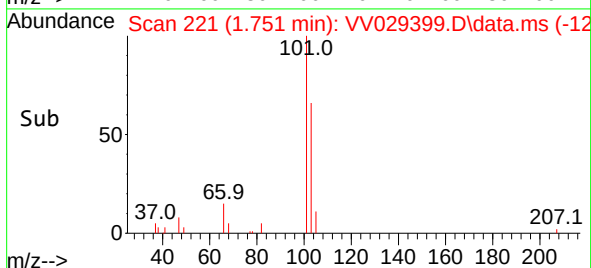
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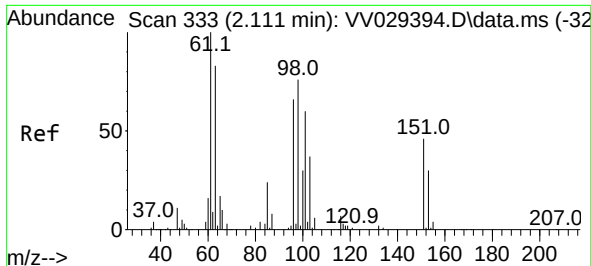


#9
Trichlorofluoromethane
Concen: 0.195 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21



Tgt Ion:101 Resp: 4229
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.8





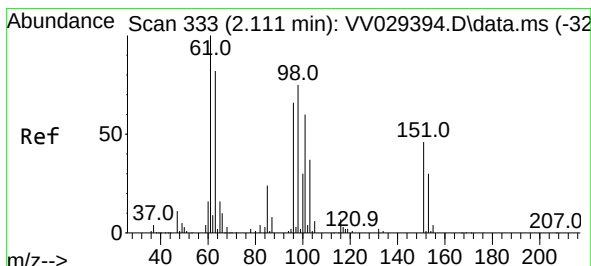
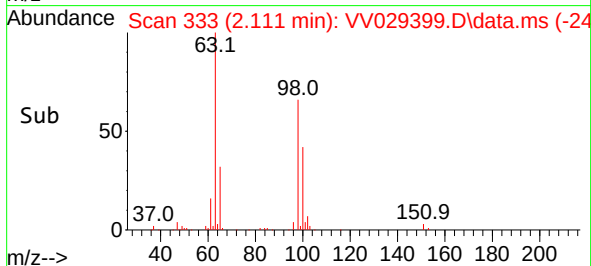
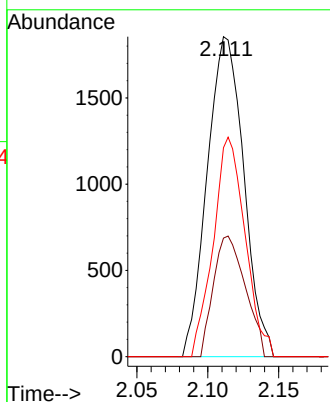
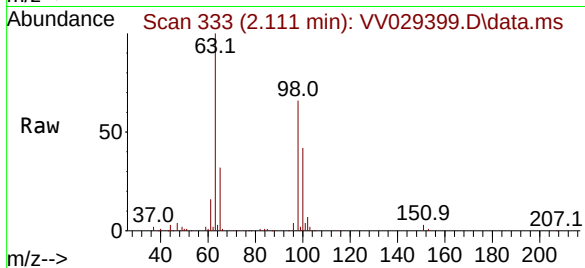
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.275 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV029399.D
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Tgt Ion:101 Resp: 333
Ion Ratio Lower Upper
101 100
85 32.7 33.6 50.4
151 59.8 65.3 97.9

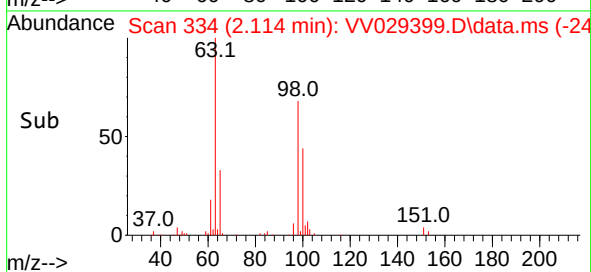
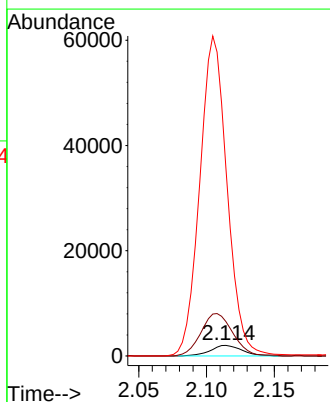
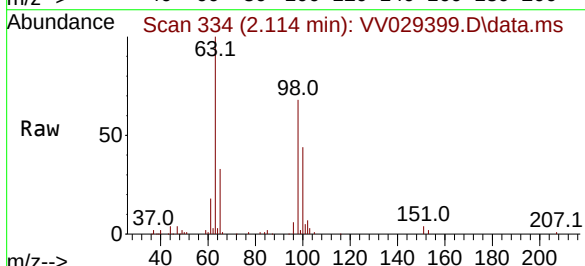
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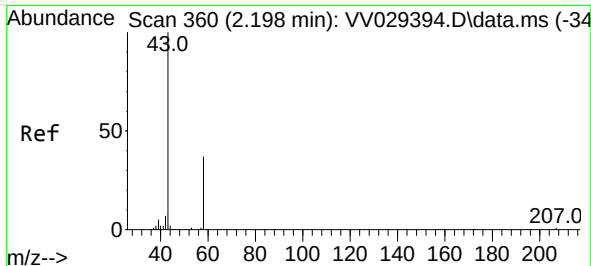
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#12
1,1-Dichloroethene
Concen: 0.279 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Tgt Ion: 96 Resp: 3262
Ion Ratio Lower Upper
96 100
61 324.4 110.3 204.9#
63 1775.4 84.4 156.8#





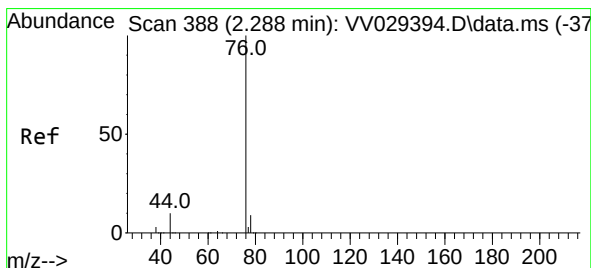
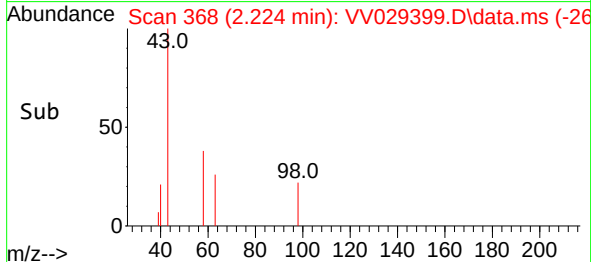
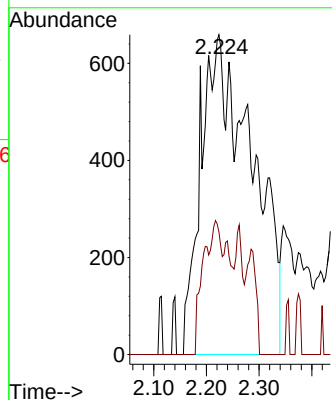
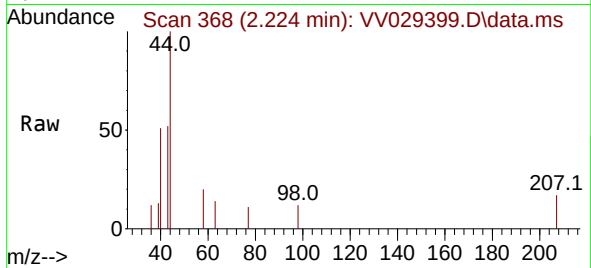
#13
Acetone
Concen: 2.620 ug/L m
RT: 2.224 min Scan# 30
Delta R.T. 0.019 min
Lab File: VV029399.D
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Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
58 0.9 0.0 70.8

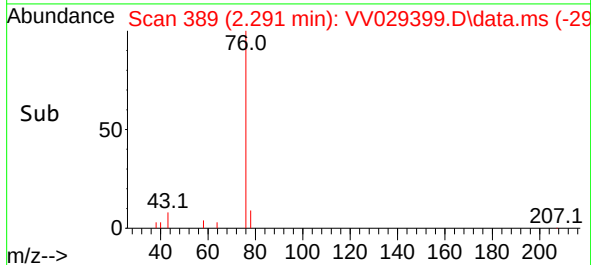
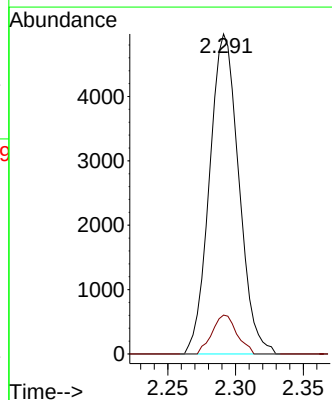
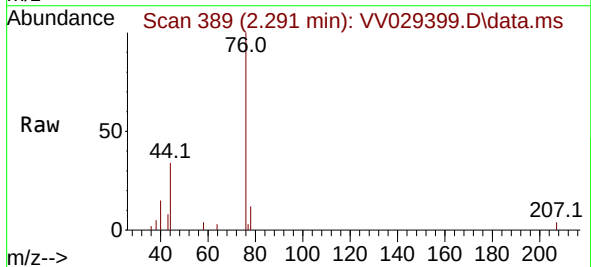
Manual Integrations
APPROVED

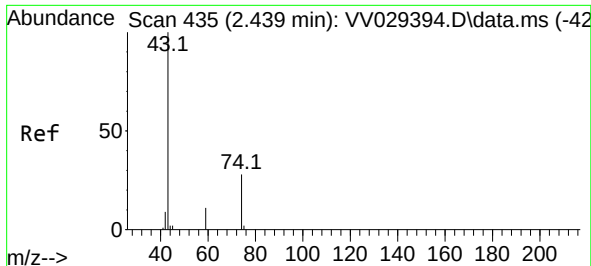
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#14
Carbon disulfide
Concen: 0.220 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

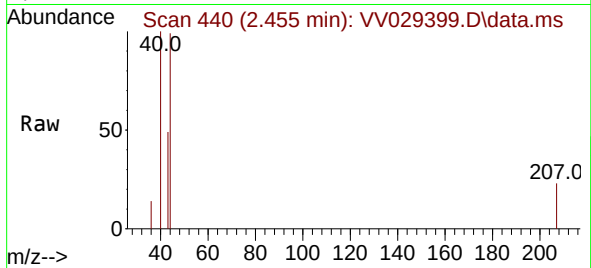
Tgt Ion: 76 Resp: 7488
Ion Ratio Lower Upper
76 100
78 12.2 7.4 11.2#





#15
Methyl Acetate
Concen: 0.255 ug/L m
RT: 2.455 min Scan# 44
Delta R.T. 0.016 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

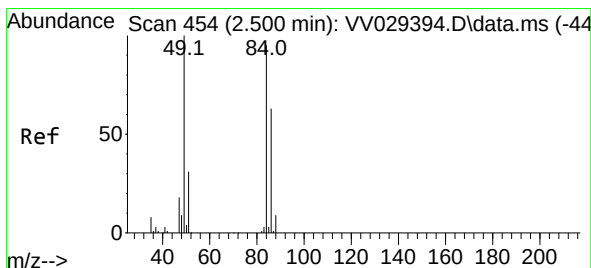
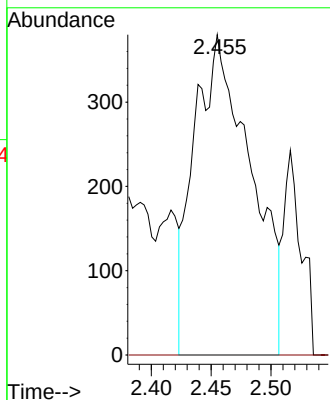
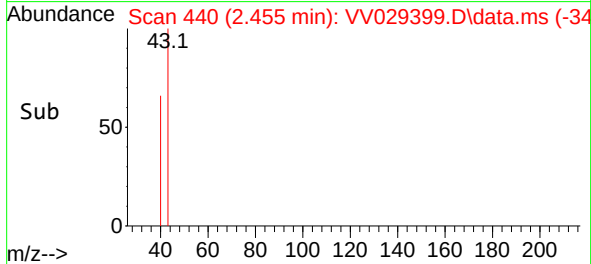
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 1250
Ion Ratio Lower Upper
43 100
74 0.0 19.6 29.4

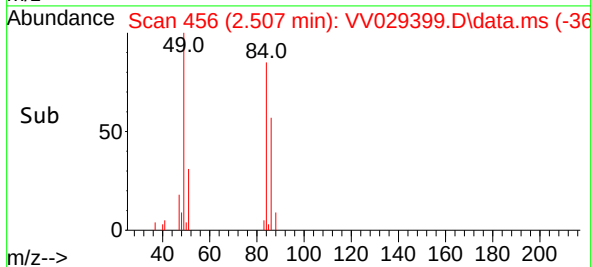
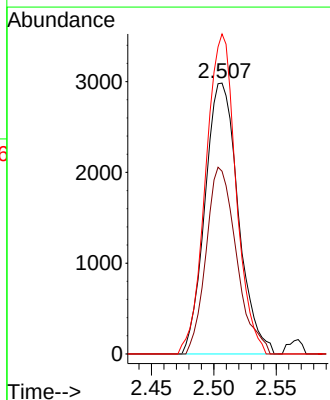
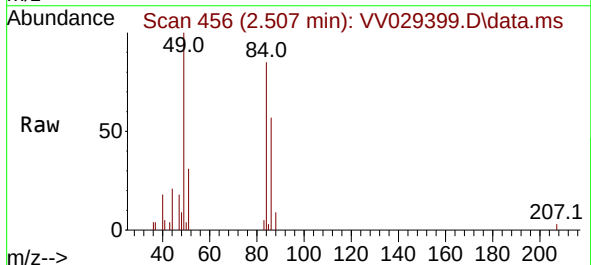
Manual Integrations
APPROVED

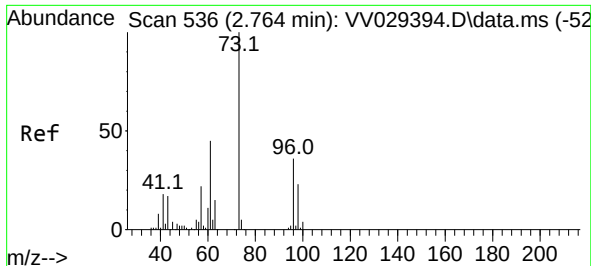
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#16
Methylene chloride
Concen: 0.309 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Tgt Ion: 84 Resp: 5533
Ion Ratio Lower Upper
84 100
86 67.5 45.6 84.6
49 118.1 77.8 144.4





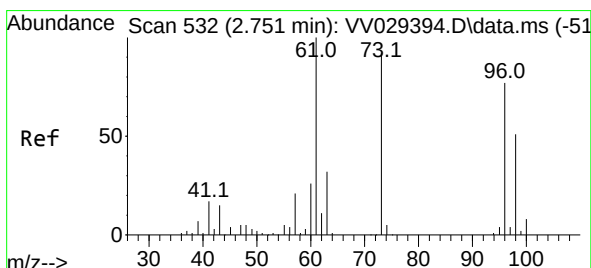
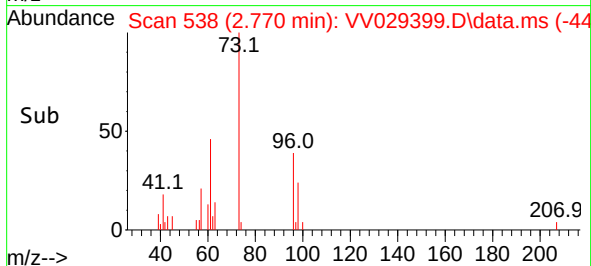
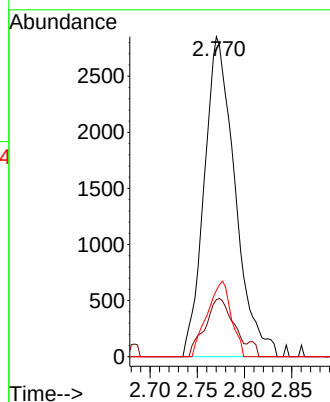
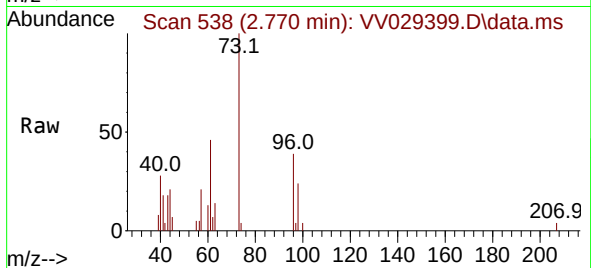
#17
Methyl tert-butyl Ether
Concen: 0.216 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 73 Resp: 6452
Ion Ratio Lower Upper
73 100
43 16.8 13.2 19.8
57 18.4 16.9 25.3

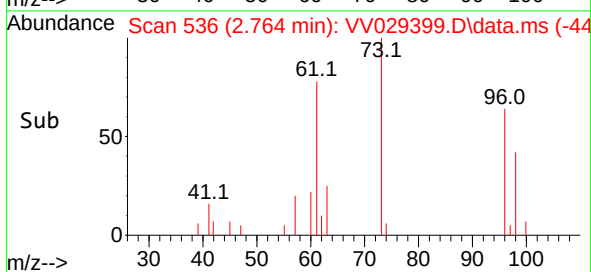
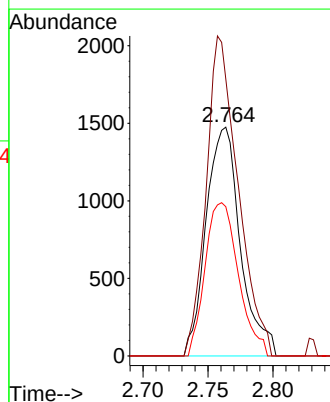
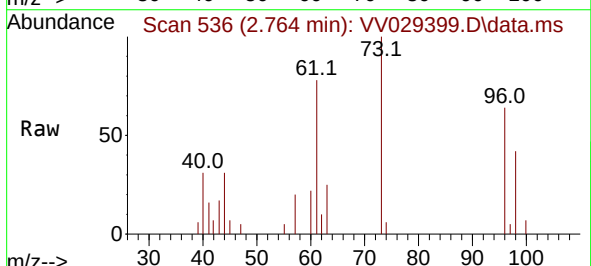
Manual Integrations
APPROVED

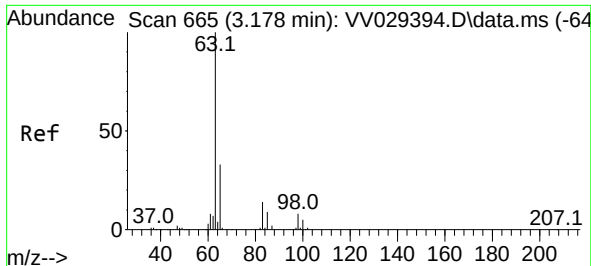
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#18
trans-1,2-Dichloroethene
Concen: 0.201 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.010 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

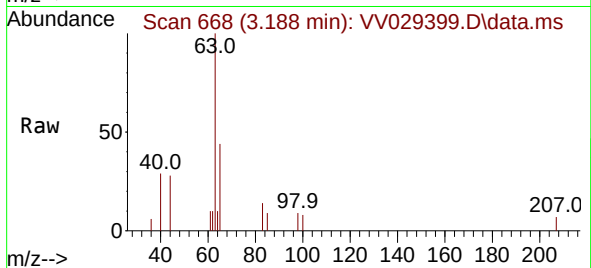
Tgt Ion: 96 Resp: 2703
Ion Ratio Lower Upper
96 100
61 121.1 93.0 172.6
98 65.2 44.0 81.8





#19
1,1-Dichloroethane
Concen: 0.210 ug/L
RT: 3.188 min Scan# 60
Delta R.T. 0.006 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

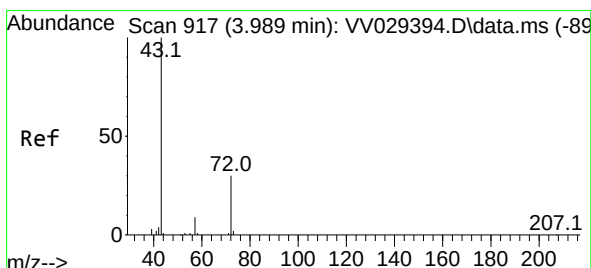
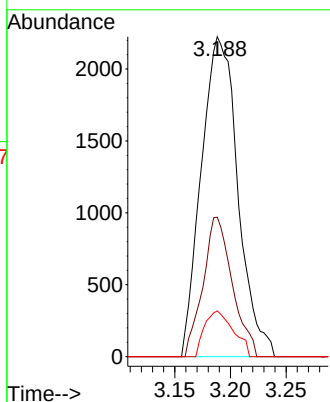
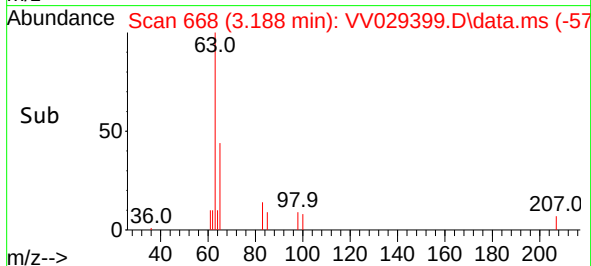
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 63 Resp: 508
Ion Ratio Lower Upper
63 100
65 43.6 21.6 40.2
83 14.3 10.3 19.1

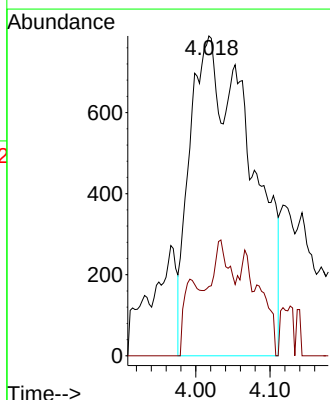
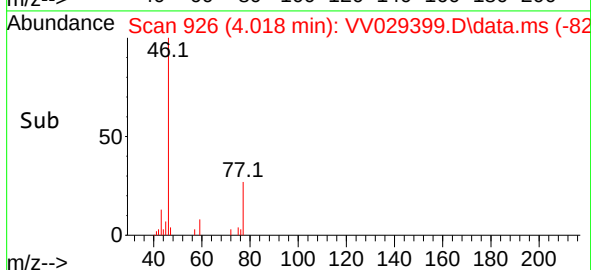
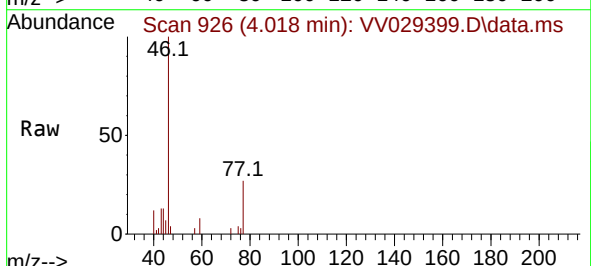
Manual Integrations
APPROVED

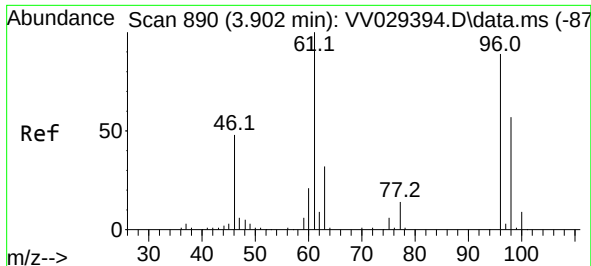
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#21
2-Butanone
Concen: 1.684 ug/L m
RT: 4.018 min Scan# 926
Delta R.T. 0.032 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Tgt Ion: 43 Resp: 4491
Ion Ratio Lower Upper
43 100
72 6.7 13.8 41.3#





#22

cis-1,2-Dichloroethene

Concen: 0.207 ug/L

RT: 3.912 min Scan# 890

Delta R.T. 0.010 min

Lab File: VV029399.D

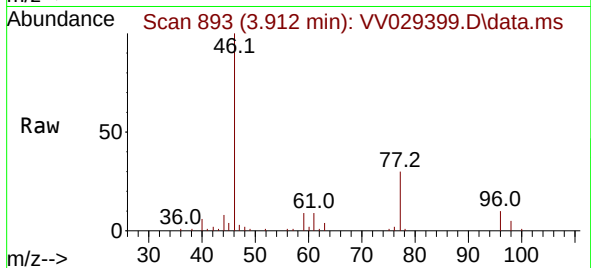
Acq: 05 Dec 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

MDL04



Tgt Ion: 96 Resp: 3174

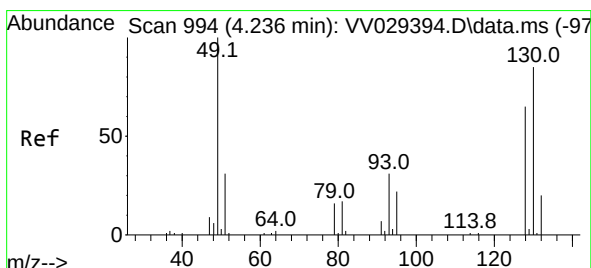
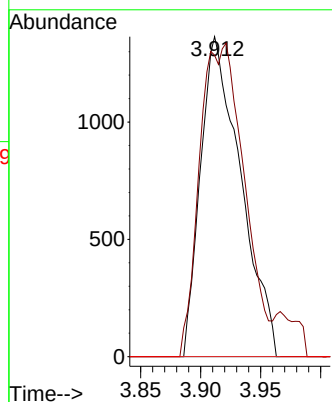
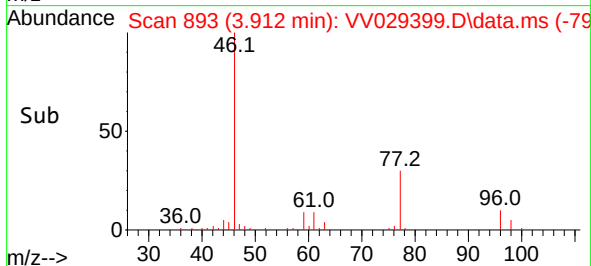
Ion	Ratio	Lower	Upper
96	100		
61	94.2	85.8	159.3
68	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#23

Bromochloromethane

Concen: 0.197 ug/L

RT: 4.249 min Scan# 998

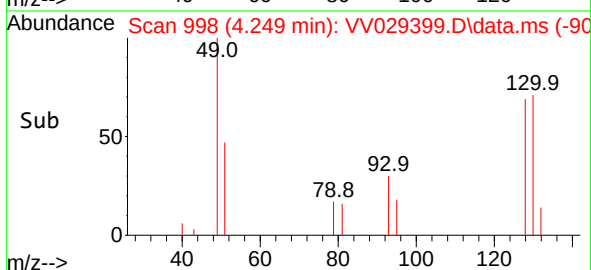
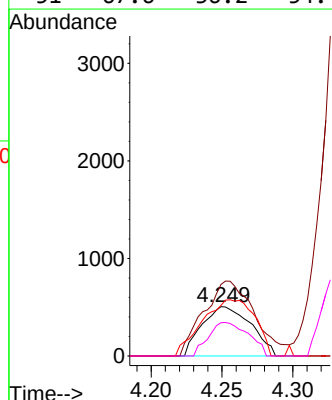
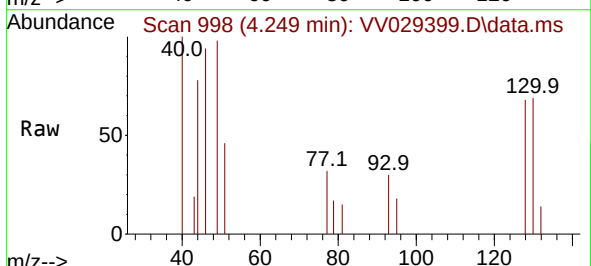
Delta R.T. 0.010 min

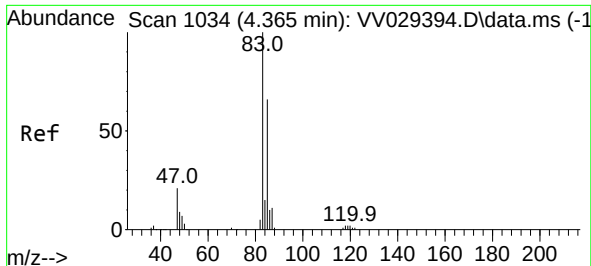
Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Tgt Ion:128 Resp: 1212

Ion	Ratio	Lower	Upper
128	100		
49	144.9	100.0	185.8
130	102.4	90.2	167.6
51	67.6	36.2	54.4





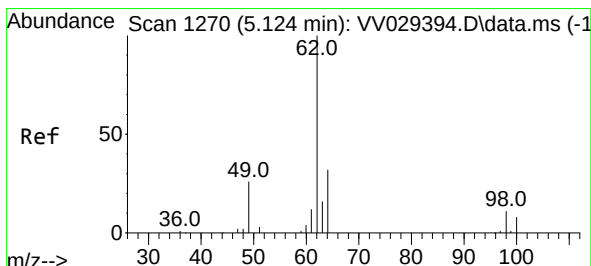
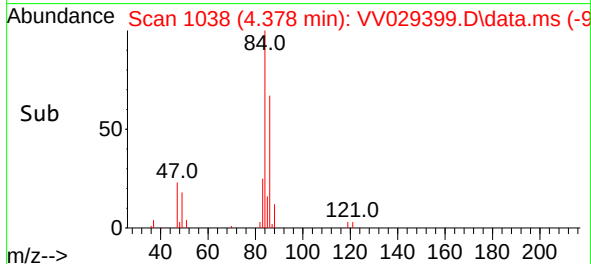
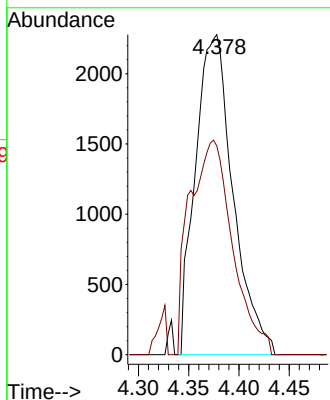
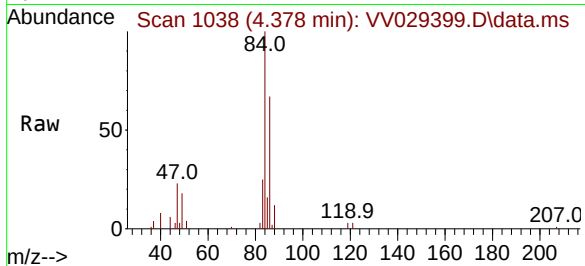
#25
Chloroform
Concen: 0.235 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 5930
Ion Ratio Lower Upper
83 100
85 65.3 45.4 84.4

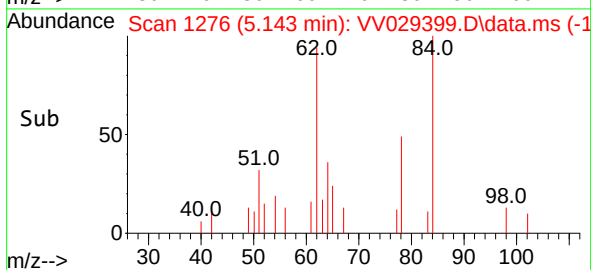
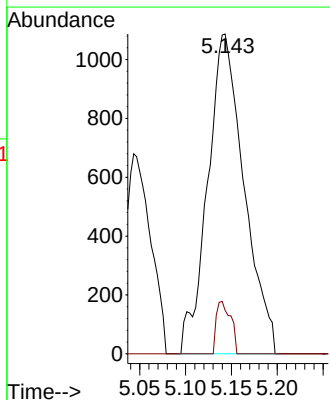
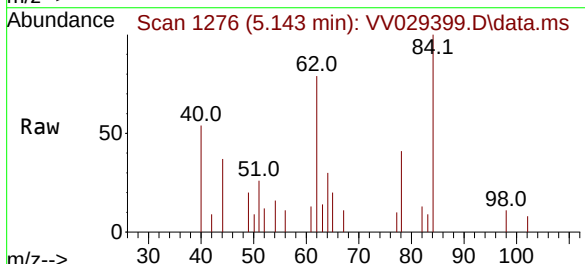
Manual Integrations
APPROVED

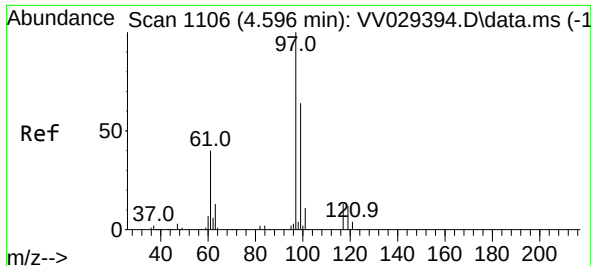
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#27
1,2-Dichloroethane
Concen: 0.220 ug/L
RT: 5.143 min Scan# 1276
Delta R.T. 0.019 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Tgt Ion: 62 Resp: 3007
Ion Ratio Lower Upper
62 100
98 13.6 8.4 12.6#





#29

1,1,1-Trichloroethane

Concen: 0.204 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

MDL04

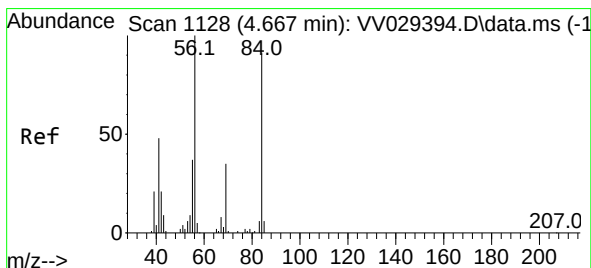
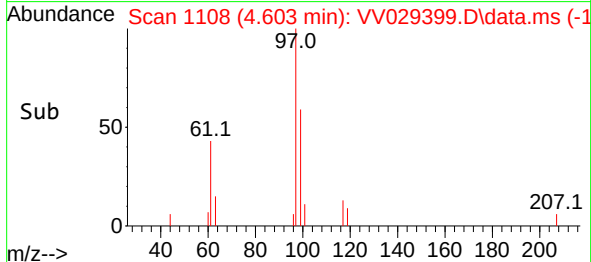
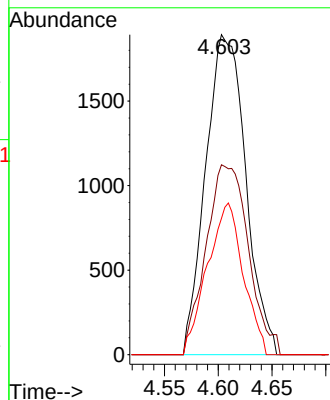
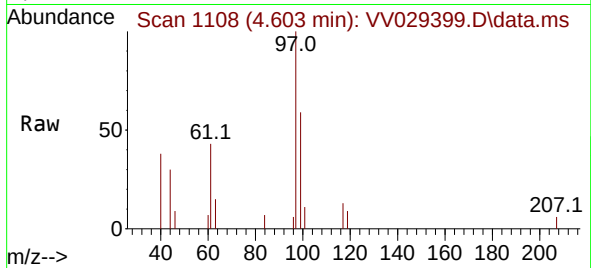
Tgt Ion: 97	Resp: 490
Ion Ratio	Lower Upper
97 100	
99 62.9	51.2 76.8
61 42.6	33.3 49.9

Manual Integrations

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Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#30

Cyclohexane

Concen: 0.187 ug/L

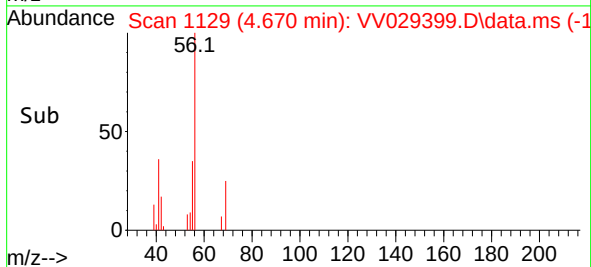
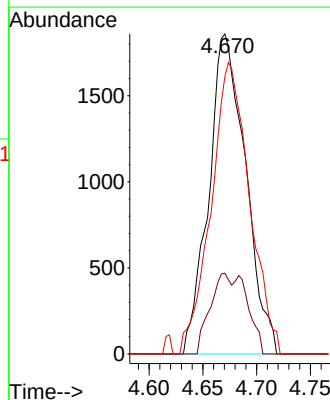
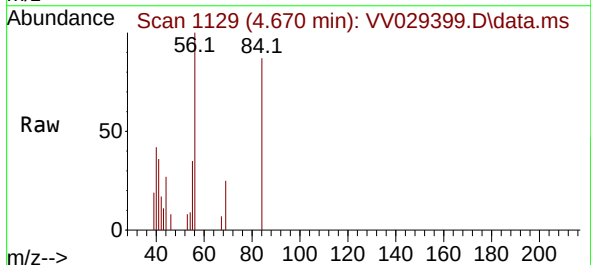
RT: 4.670 min Scan# 1129

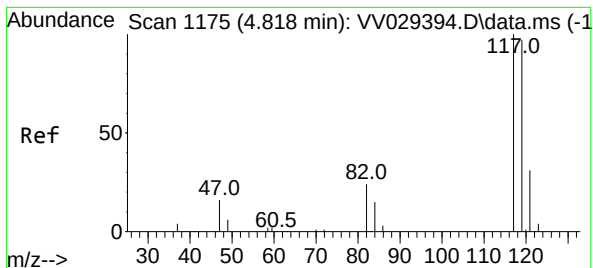
Delta R.T. 0.003 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Tgt Ion: 56	Resp: 4427
Ion Ratio	Lower Upper
56 100	
69 14.6	26.1 39.1
84 94.8	75.6 113.4





#31

Carbon tetrachloride

Concen: 0.194 ug/L

RT: 4.828 min Scan# 1175

Delta R.T. 0.010 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion:117 Resp: 394

Ion Ratio Lower Upper

117 100

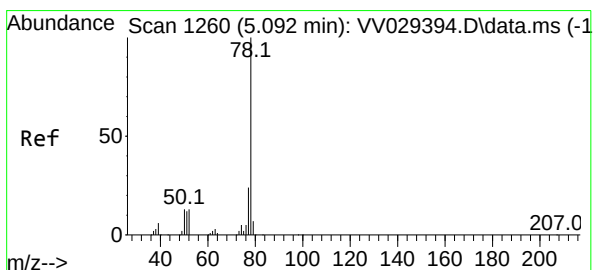
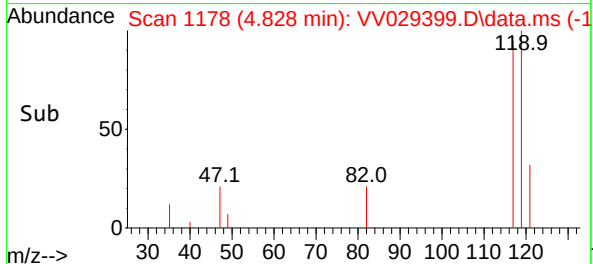
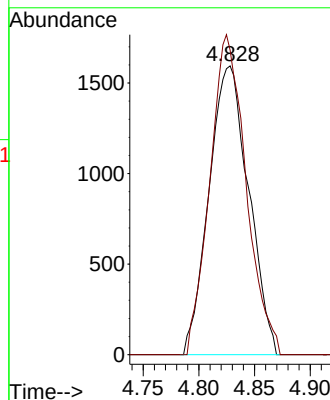
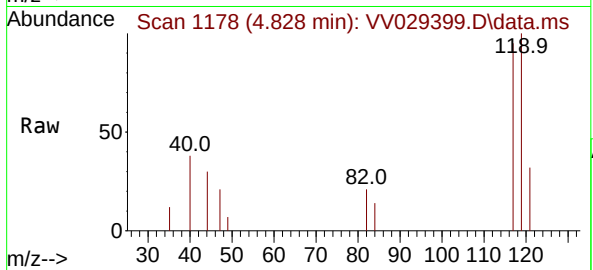
119 101.2 75.7 113.5

Manual Integrations

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Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#33

Benzene

Concen: 0.191 ug/L

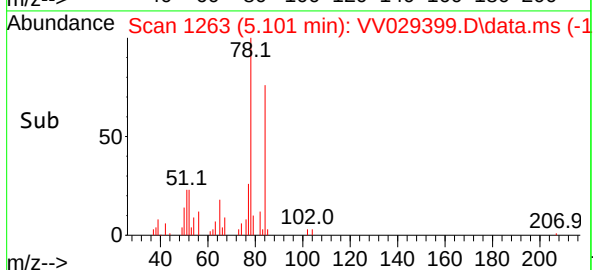
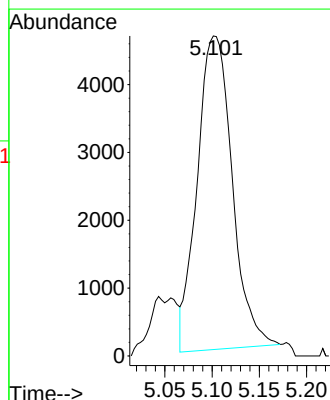
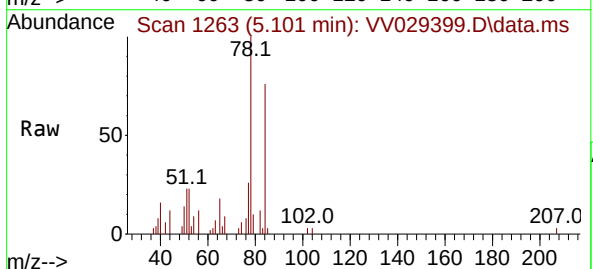
RT: 5.101 min Scan# 1263

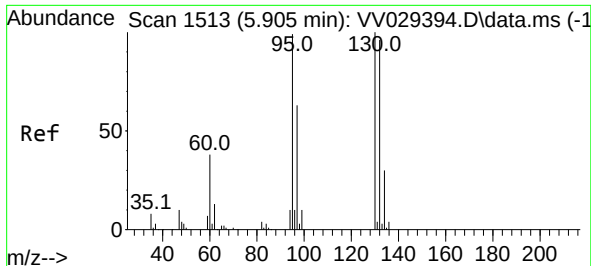
Delta R.T. 0.010 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

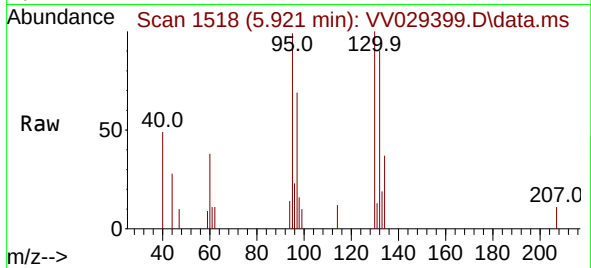
Tgt Ion: 78 Resp: 11888





#34
Trichloroethene
Concen: 0.187 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.016 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Instrument :
MSVOA_V
ClientSampleId :
MDL04

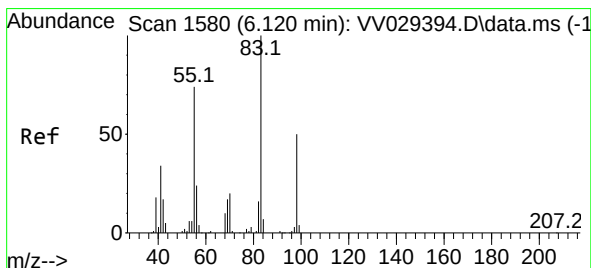
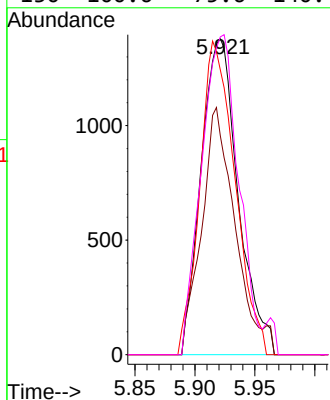
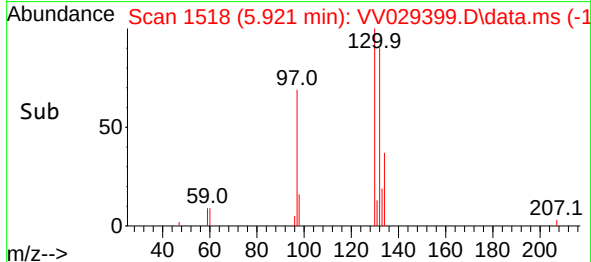


Tgt Ion: 95 Resp: 2970

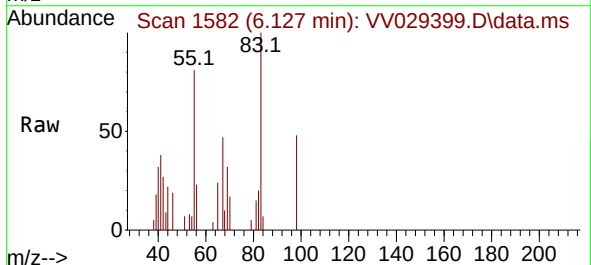
Ion	Ratio	Lower	Upper
95	100		
97	69.4	45.4	84.4
132	90.2	73.3	136.1
130	100.6	75.6	140.4

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

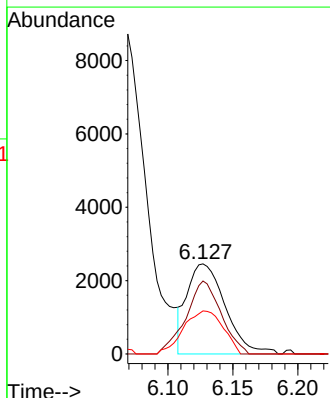
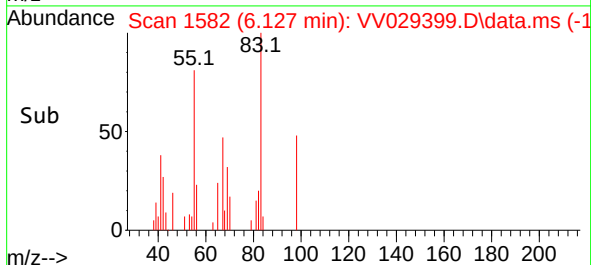


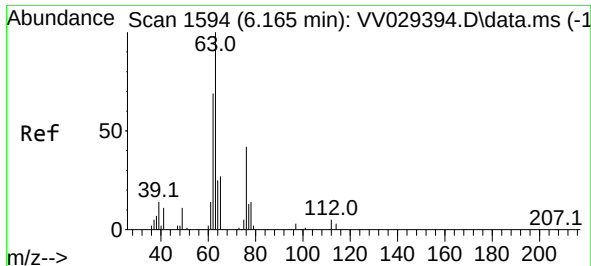
#35
Methylcyclohexane
Concen: 0.187 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21



Tgt Ion: 83 Resp: 5033

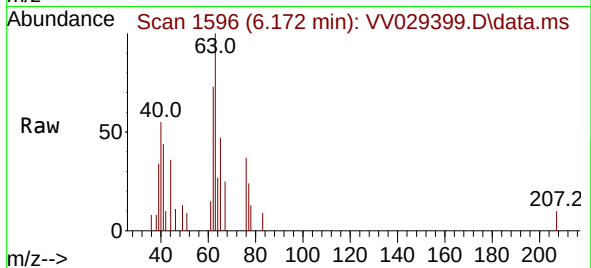
Ion	Ratio	Lower	Upper
83	100		
55	74.2	55.4	83.2
98	49.3	39.4	59.2





#37
1,2-Dichloropropane
Concen: 0.206 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

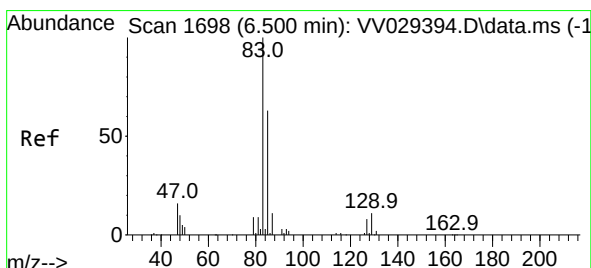
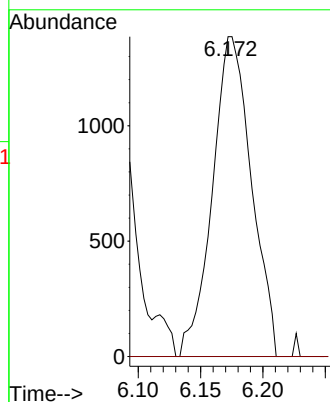
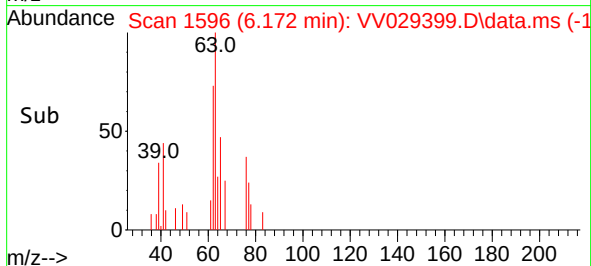
Instrument :
MSVOA_V
ClientSampleId :
MDL04



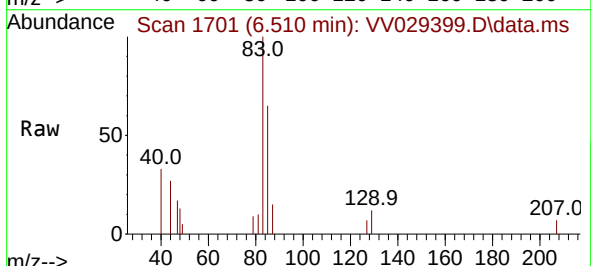
Tgt Ion: 63 Resp: 3024
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1

Manual Integrations
APPROVED

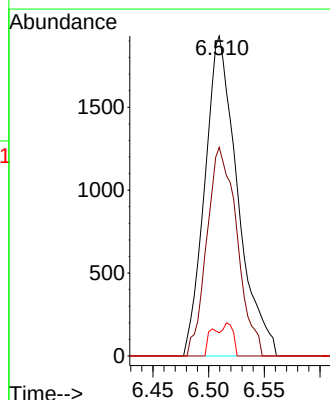
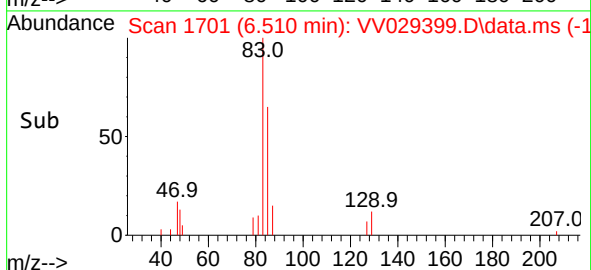
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

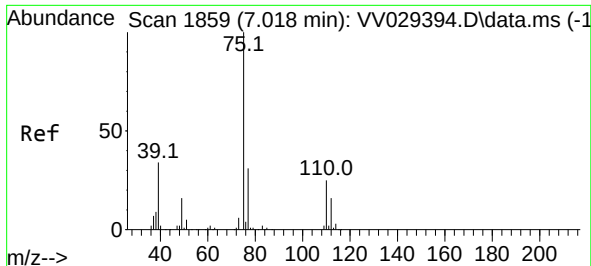


#38
Bromodichloromethane
Concen: 0.224 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21



Tgt Ion: 83 Resp: 3941
Ion Ratio Lower Upper
83 100
85 65.2 44.7 83.1
127 7.3 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 0.209 ug/L

RT: 7.034 min Scan# 1859

Delta R.T. 0.013 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 75 Resp: 448

Ion Ratio Lower Upper

75 100

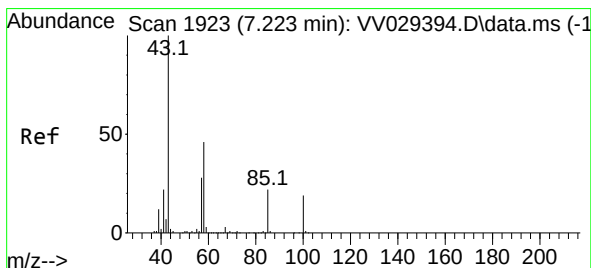
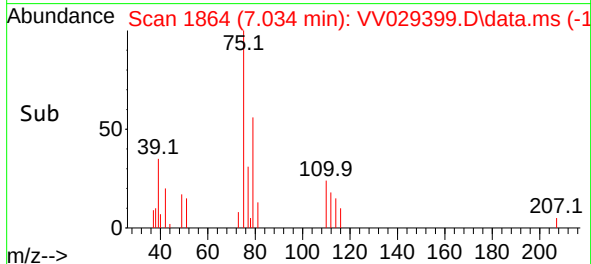
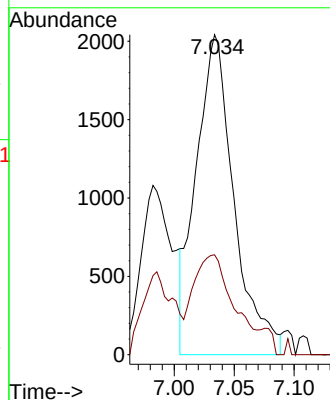
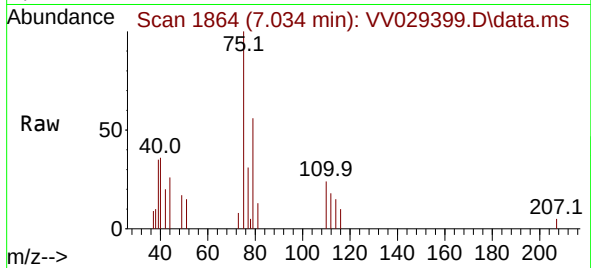
77 31.2 22.7 42.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#40

4-Methyl-2-pentanone

Concen: 1.843 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.010 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

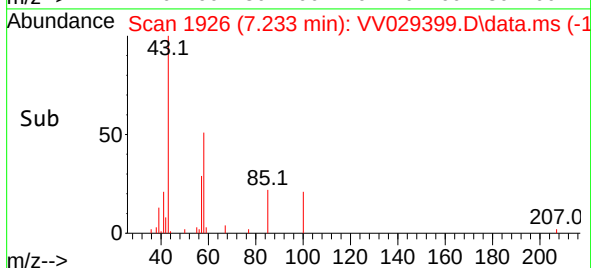
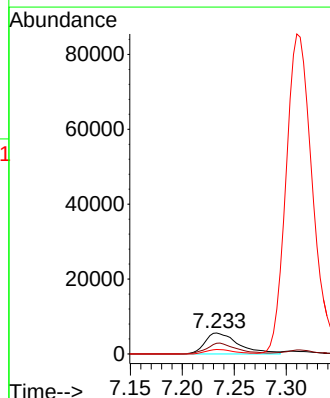
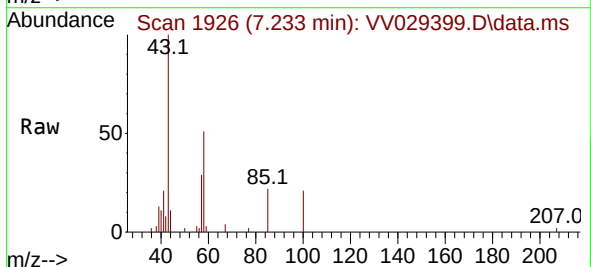
Tgt Ion: 43 Resp: 12671

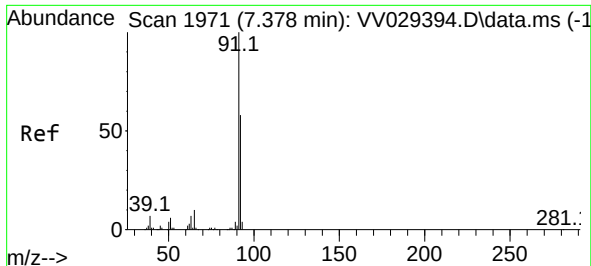
Ion Ratio Lower Upper

43 100

58 45.4 35.3 52.9

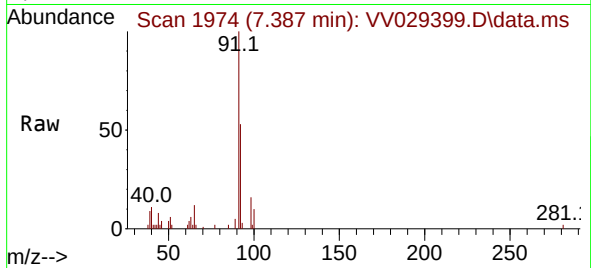
100 0.0 15.3 22.9





#42
Toluene
Concen: 0.196 ug/L
RT: 7.387 min Scan# 1971
Delta R.T. 0.010 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

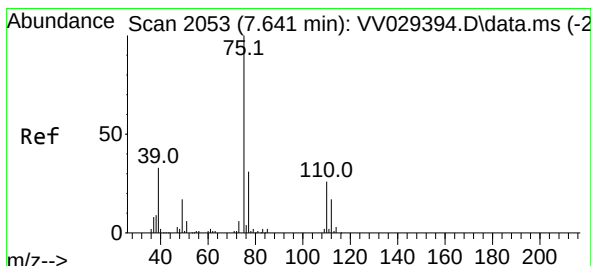
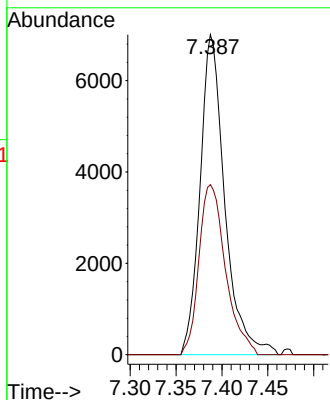
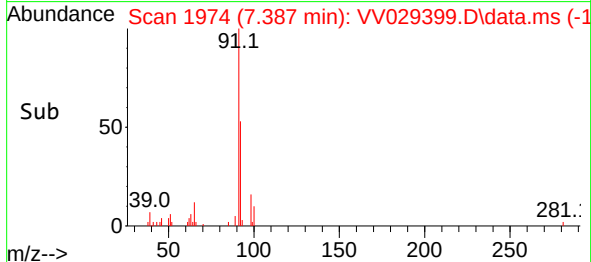
Instrument :
MSVOA_V
ClientSampleId :
MDL04



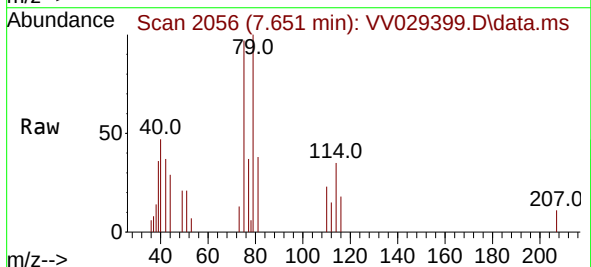
Tgt Ion: 91 Resp: 13140
Ion Ratio Lower Upper
91 100
92 53.1 40.8 75.8

Manual Integrations
APPROVED

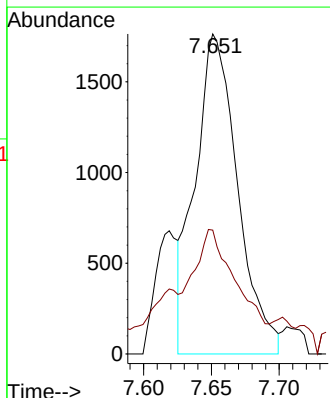
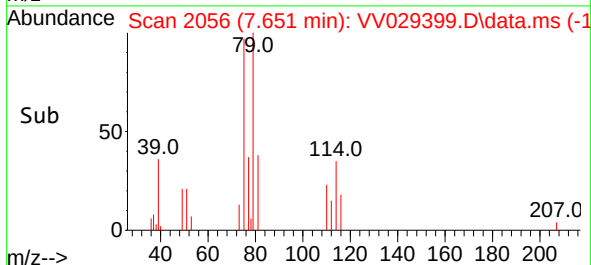
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

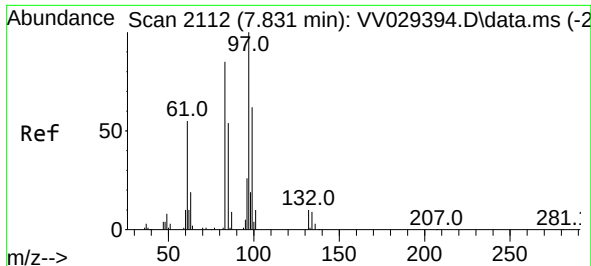


#44
trans-1,3-Dichloropropene
Concen: 0.226 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.010 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21



Tgt Ion: 75 Resp: 3849
Ion Ratio Lower Upper
75 100
77 38.7 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 0.210 ug/L

RT: 7.838 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 97 Resp: 2080

Ion Ratio Lower Upper

97 100

99 60.3 44.4 82.5

83 85.1 59.5 110.5

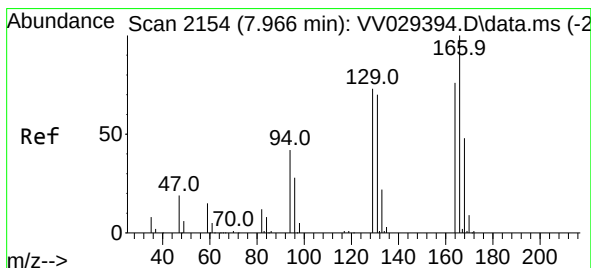
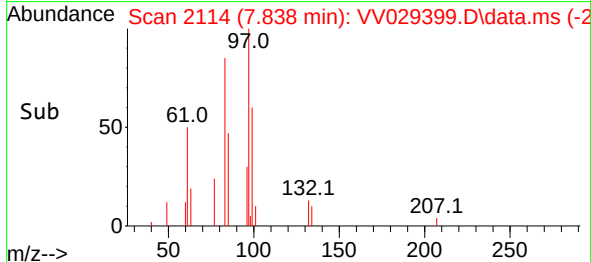
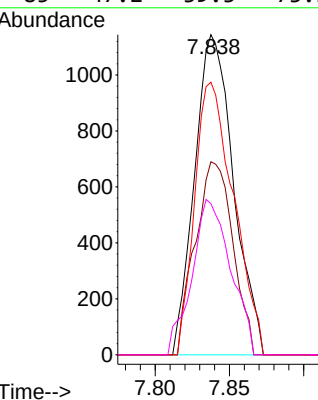
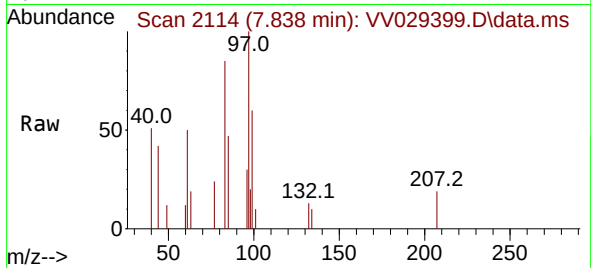
85 47.2 39.3 73.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#47

Tetrachloroethene

Concen: 0.187 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.006 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Tgt Ion:164 Resp: 2445

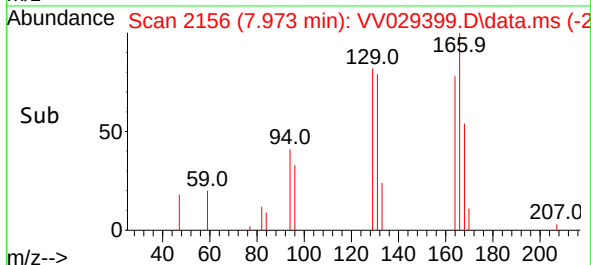
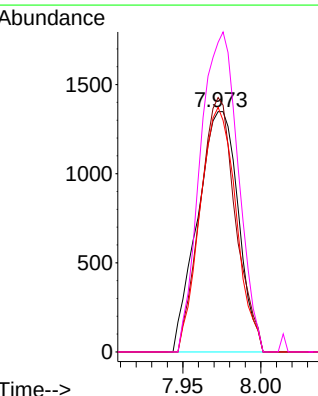
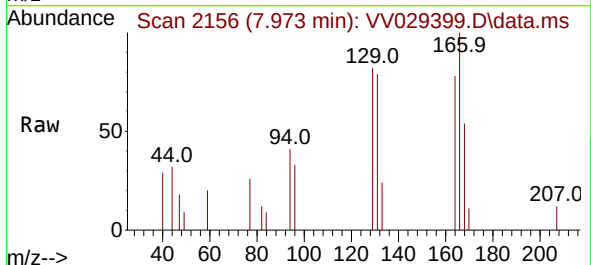
Ion Ratio Lower Upper

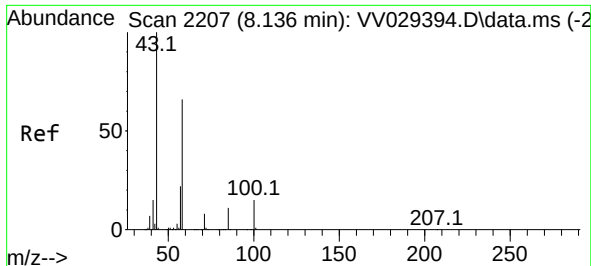
164 100

129 105.9 61.7 114.7

131 101.8 62.9 116.9

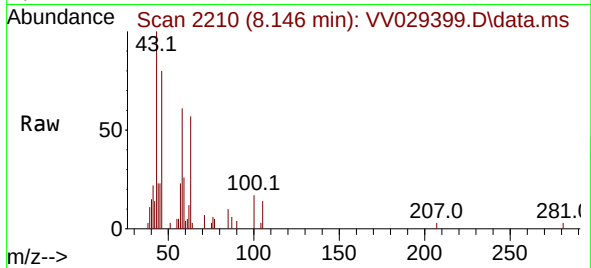
166 128.9 88.5 164.3





#48
2-Hexanone
Concen: 2.402 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.010 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

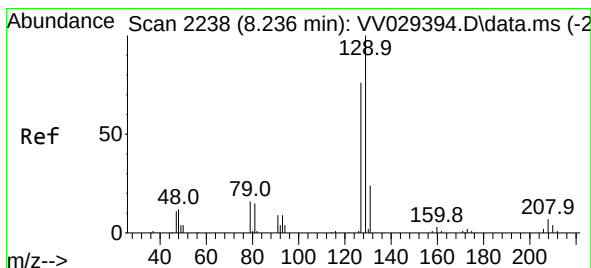
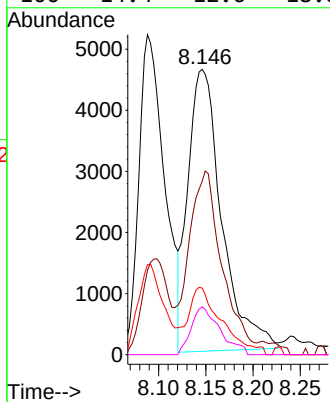
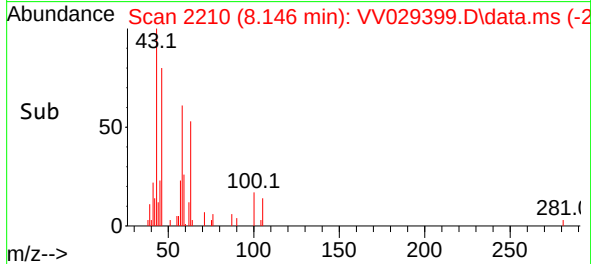
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 1151
Ion Ratio Lower Upper
43 100
58 58.2 49.4 74.0
57 23.1 16.9 25.3
100 14.4 12.6 18.8

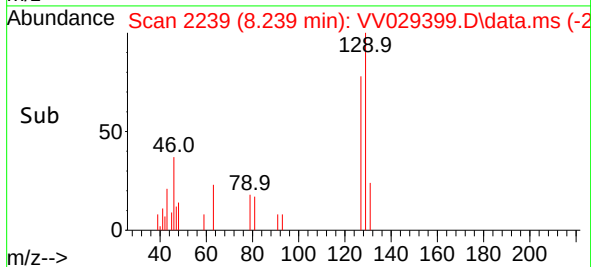
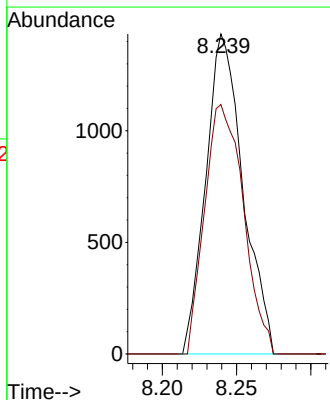
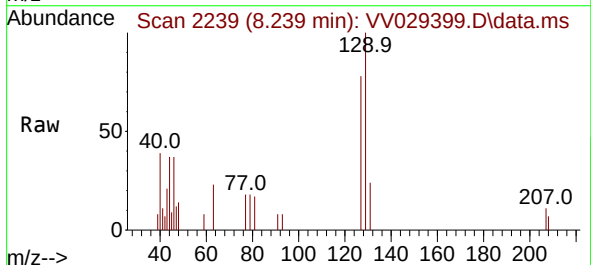
Manual Integrations
APPROVED

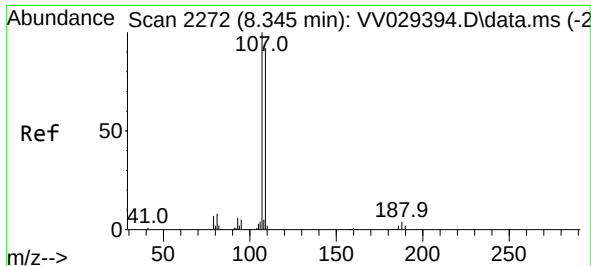
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#49
Dibromochloromethane
Concen: 0.224 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Tgt Ion:129 Resp: 2504
Ion Ratio Lower Upper
129 100
127 78.0 53.1 98.7





#50

1,2-Dibromoethane

Concen: 0.208 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

MDL04

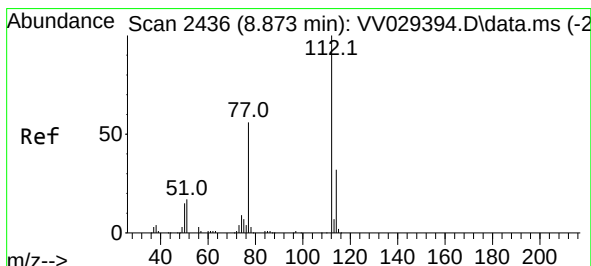
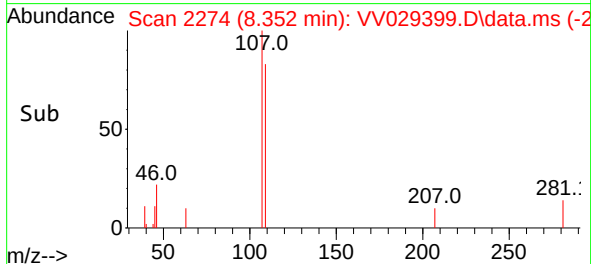
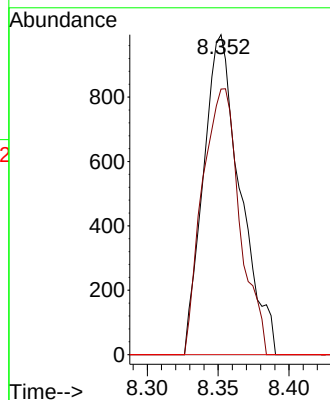
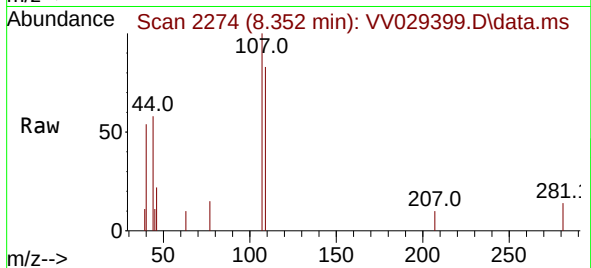
Tgt Ion:	107	Resp:	1804
Ion	Ratio	Lower	Upper
107	100		
109	83.0	64.0	118.8
188	0.0	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#51

Chlorobenzene

Concen: 0.210 ug/L

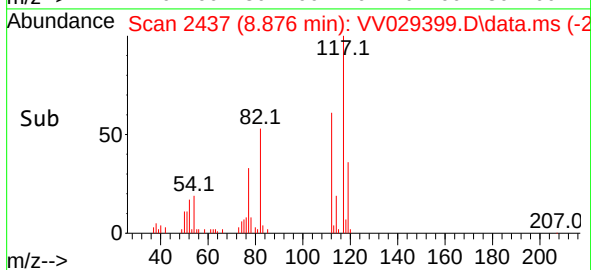
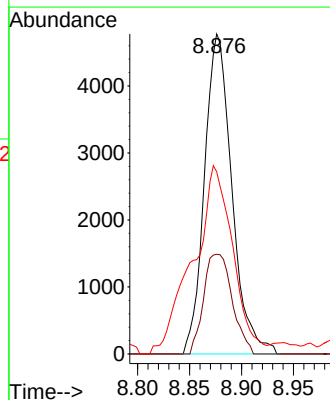
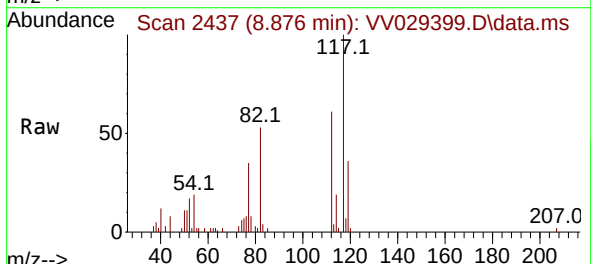
RT: 8.876 min Scan# 2437

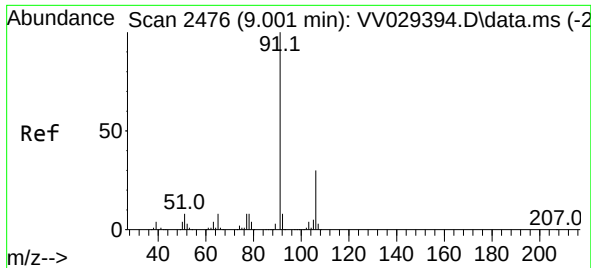
Delta R.T. 0.003 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Tgt Ion:	112	Resp:	8774
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.9	42.5
77	57.0	45.3	67.9





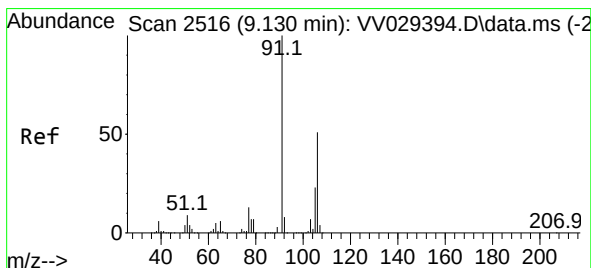
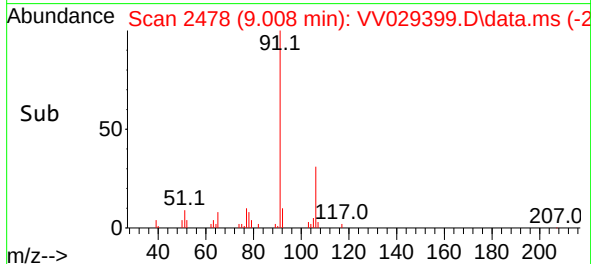
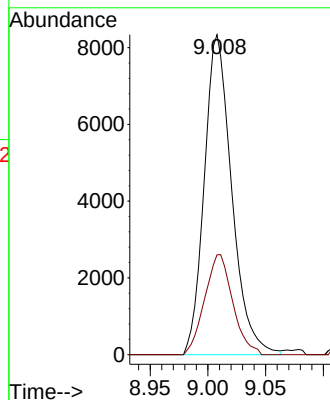
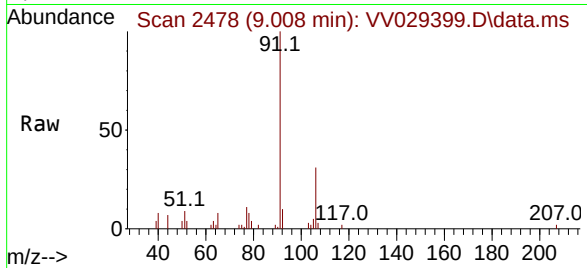
#52
Ethylbenzene
Concen: 0.198 ug/L
RT: 9.008 min Scan# 2476
Delta R.T. 0.006 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 13784
Ion Ratio Lower Upper
91 100
106 31.2 21.9 40.7

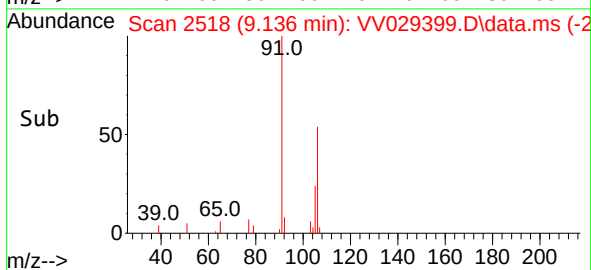
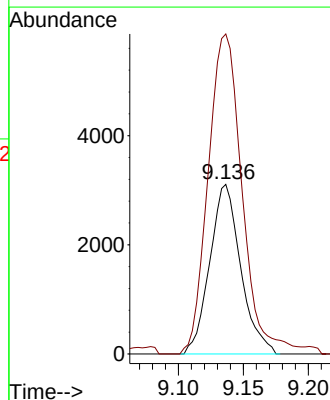
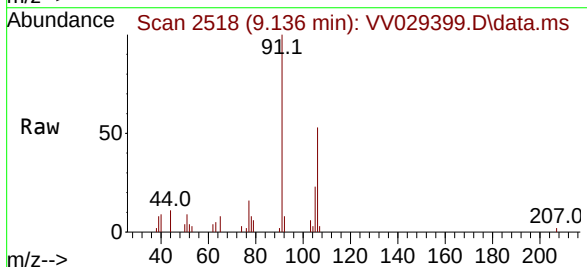
Manual Integrations
APPROVED

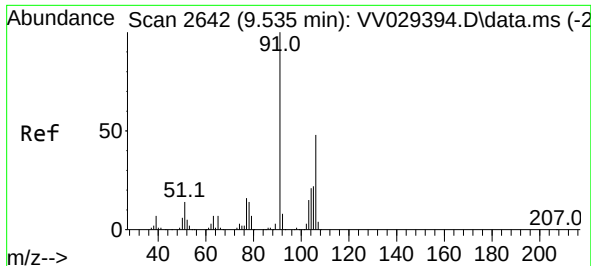
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#53
m,p-Xylene
Concen: 0.187 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Tgt Ion:106 Resp: 5139
Ion Ratio Lower Upper
106 100
91 188.6 140.6 261.2





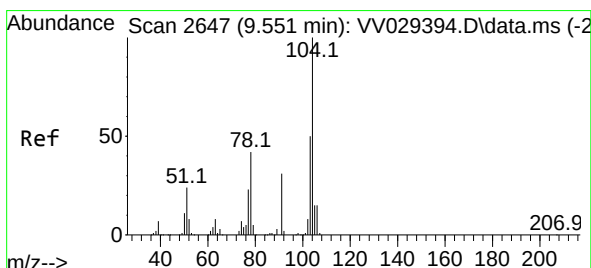
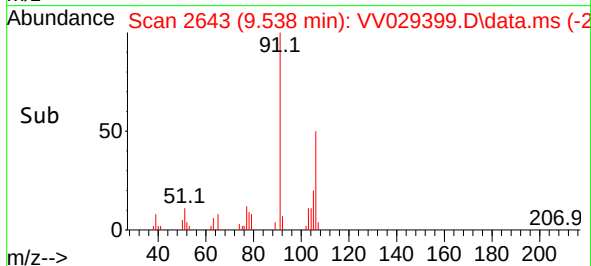
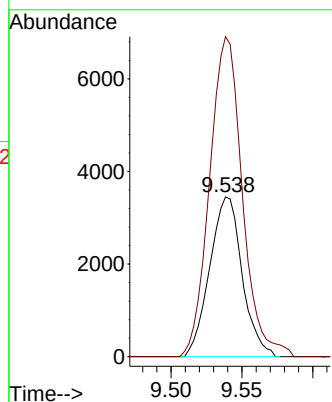
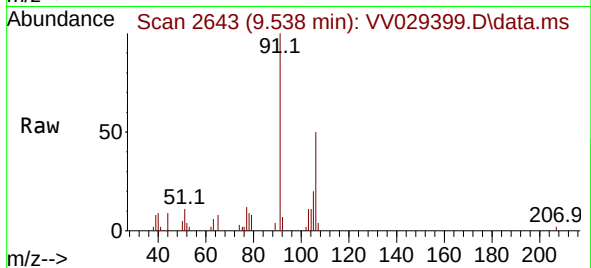
#54
o-Xylene
Concen: 0.203 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 5488
Ion Ratio Lower Upper
106 100
91 200.4 146.9 272.9

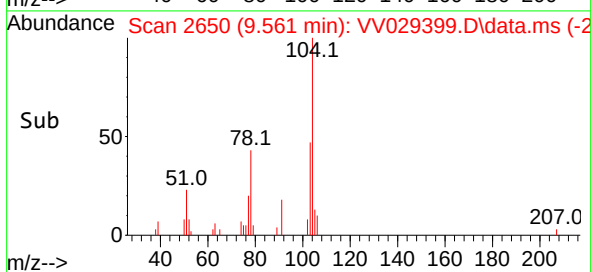
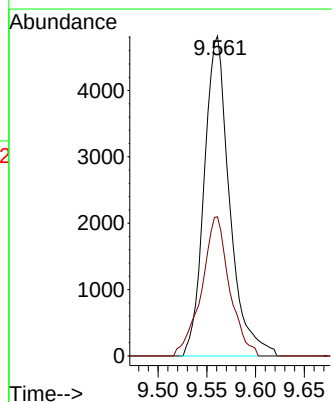
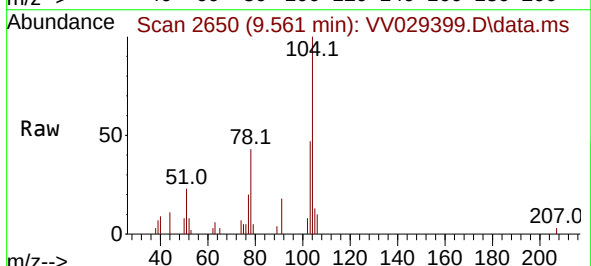
Manual Integrations
APPROVED

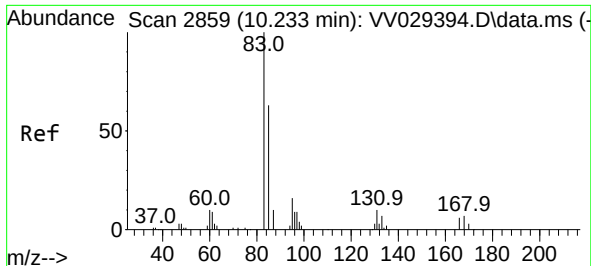
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#55
Styrene
Concen: 0.191 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.010 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Tgt Ion:104 Resp: 8723
Ion Ratio Lower Upper
104 100
78 43.5 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.273 ug/L

RT: 10.236 min Scan# 2859

Delta R.T. 0.003 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

MDL04

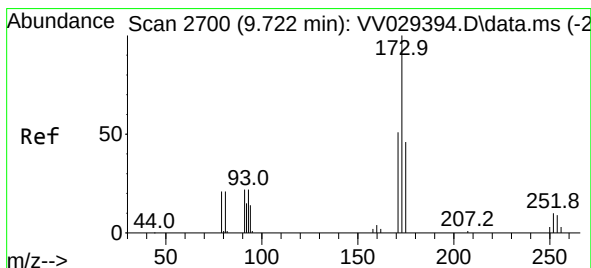
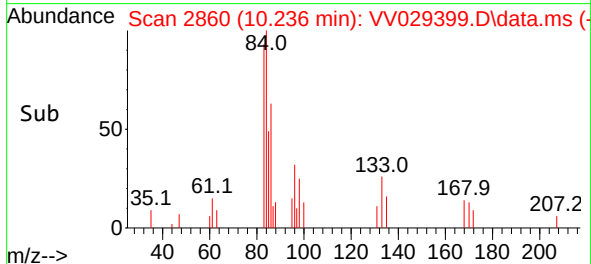
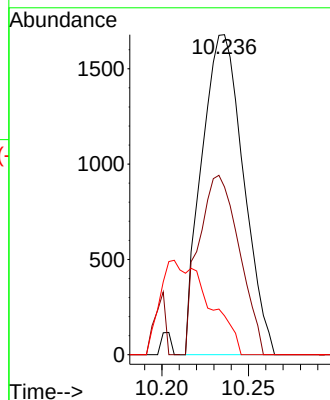
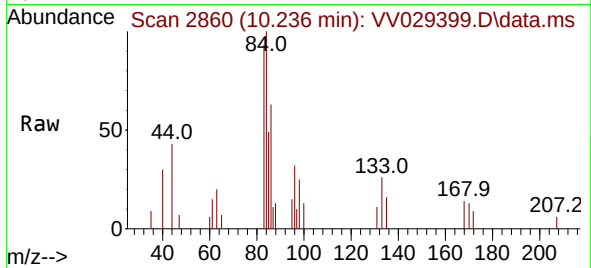
Tgt Ion:	83	Resp:	281
Ion Ratio	Lower	Upper	
83	100		
85	52.4	45.5	84.5
131	12.2	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#59

Bromoform

Concen: 0.255 ug/L

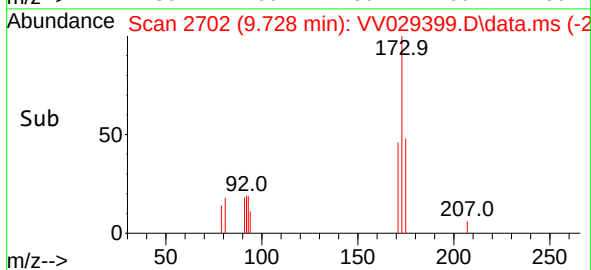
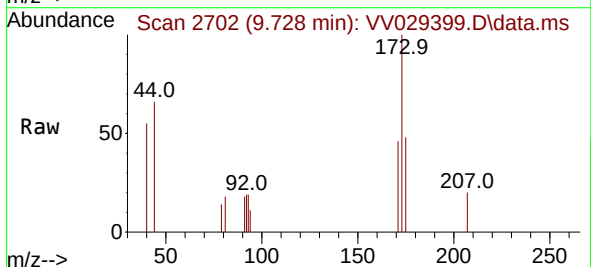
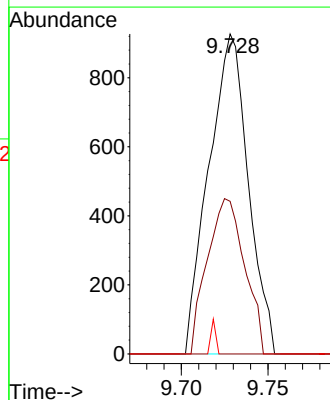
RT: 9.728 min Scan# 2702

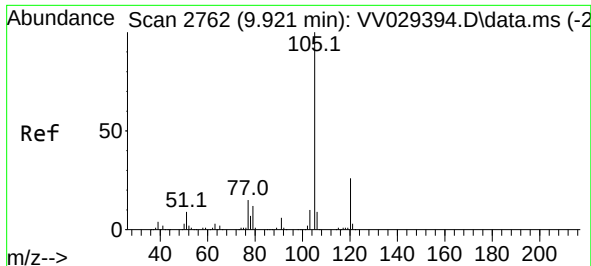
Delta R.T. 0.006 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Tgt Ion:	173	Resp:	1468
Ion Ratio	Lower	Upper	
173	100		
175	46.0	38.6	58.0
254	1.3	8.3	12.5





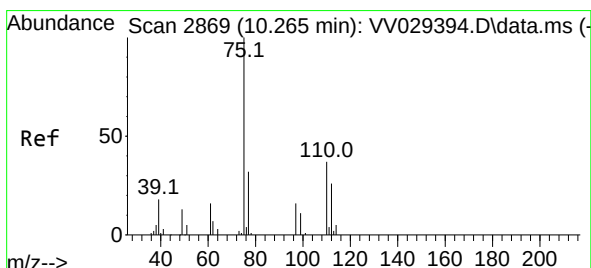
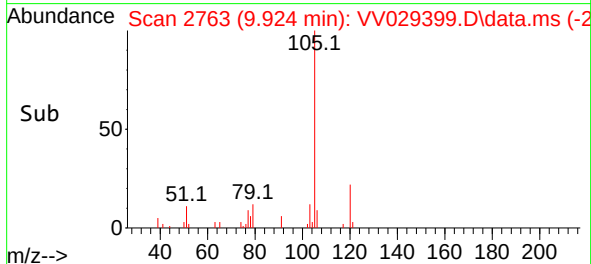
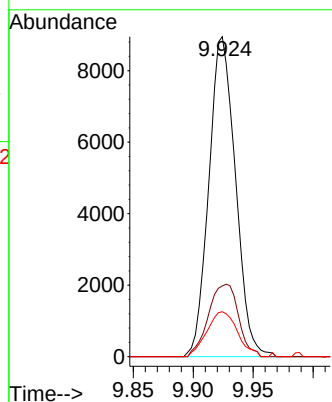
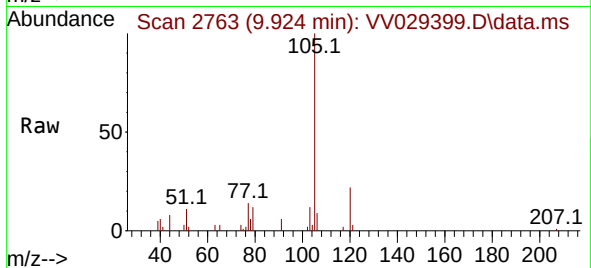
#60
Isopropylbenzene
Concen: 0.195 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:105 Resp: 1381
Ion Ratio Lower Upper
105 100
120 25.5 21.4 32.2
77 16.2 11.8 17.8

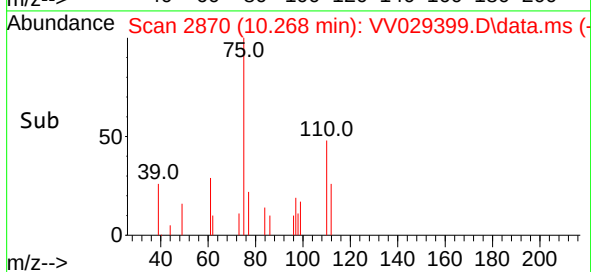
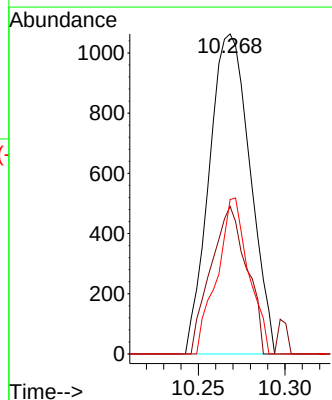
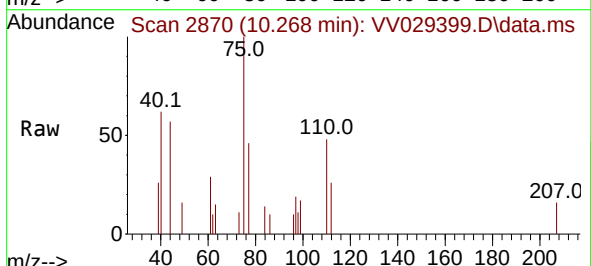
Manual Integrations
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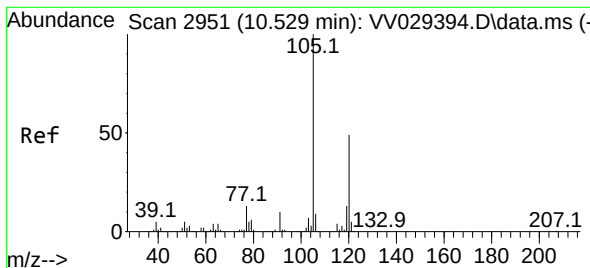
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#61
1,2,3-Trichloropropane
Concen: 0.230 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Tgt Ion: 75 Resp: 1744
Ion Ratio Lower Upper
75 100
77 40.7 26.7 40.1#
110 37.6 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 0.190 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion:105 Resp: 11630

Ion Ratio Lower Upper

105 100

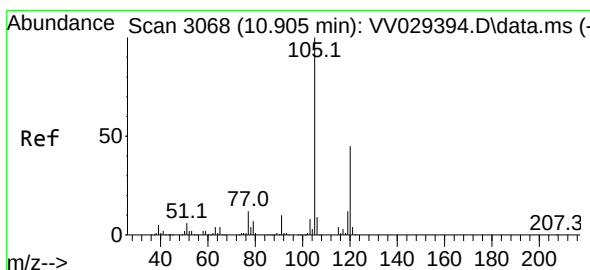
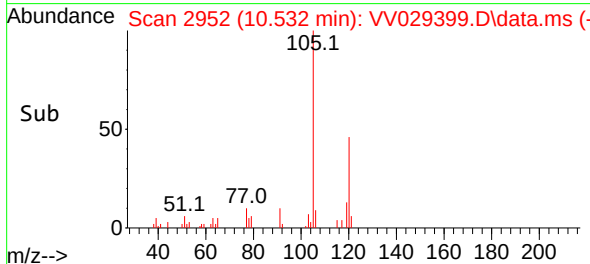
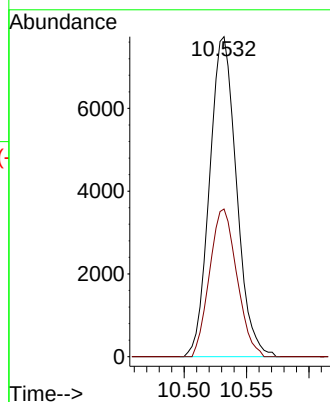
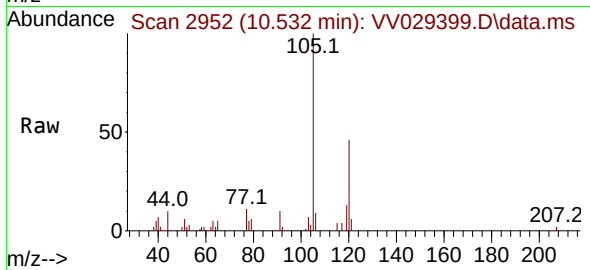
120 46.8 39.6 59.4

Manual Integrations

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Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#63

1,2,4-Trimethylbenzene

Concen: 0.184 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV029399.D

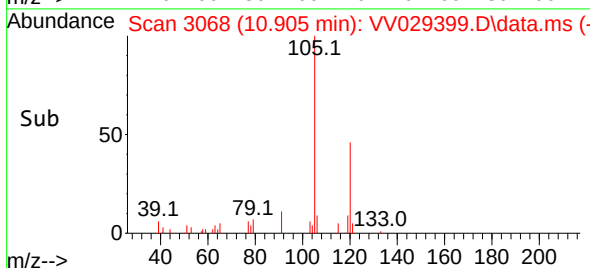
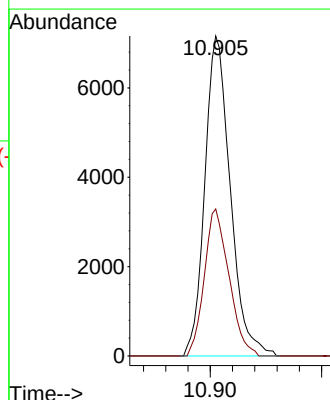
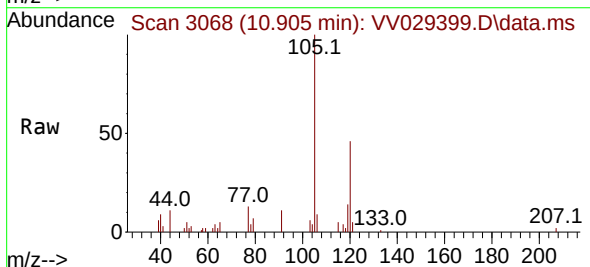
Acq: 05 Dec 2022 12:21

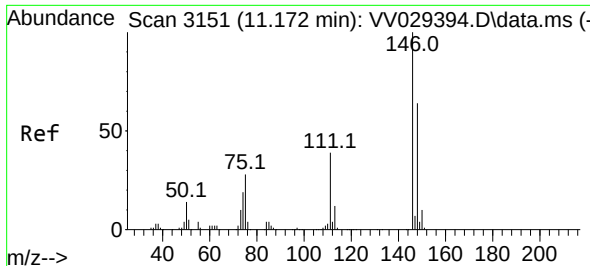
Tgt Ion:105 Resp: 11369

Ion Ratio Lower Upper

105 100

120 44.5 37.2 55.8





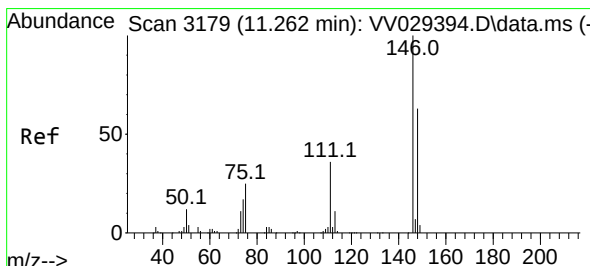
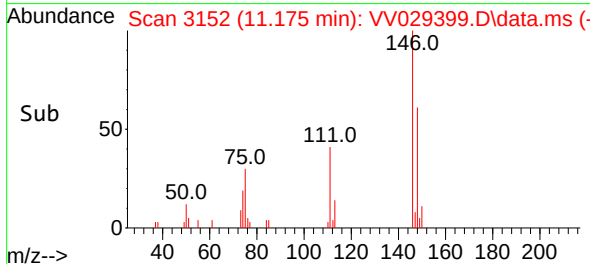
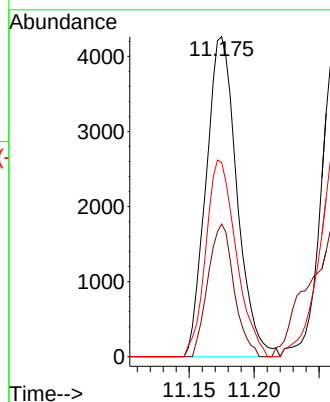
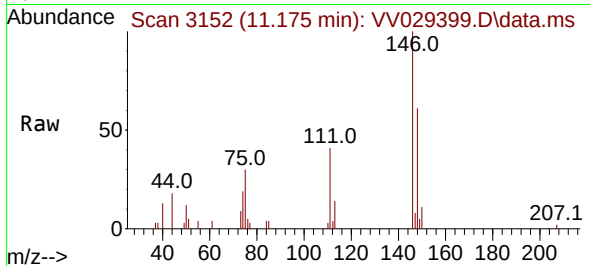
#64
1,3-Dichlorobenzene
Concen: 0.213 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:146 Resp: 7044
Ion Ratio Lower Upper
146 100
111 41.4 26.3 48.9
148 60.6 44.4 82.4

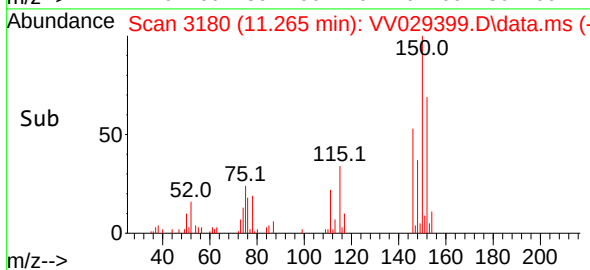
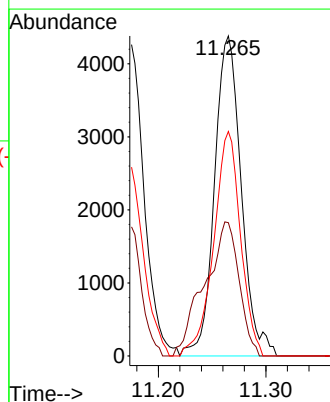
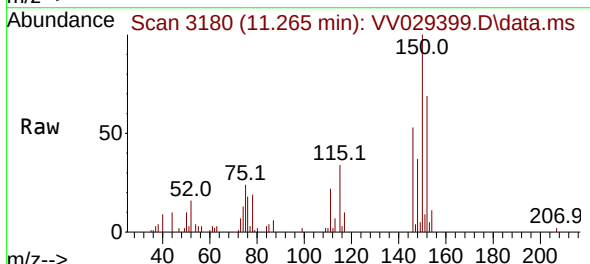
Manual Integrations
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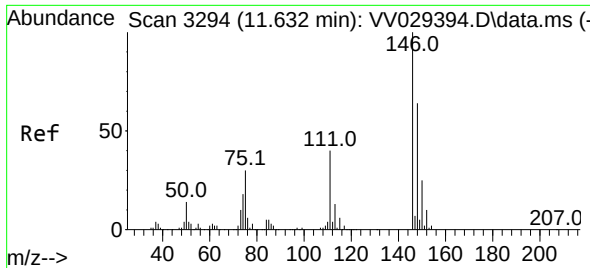
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#65
1,4-Dichlorobenzene
Concen: 0.232 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

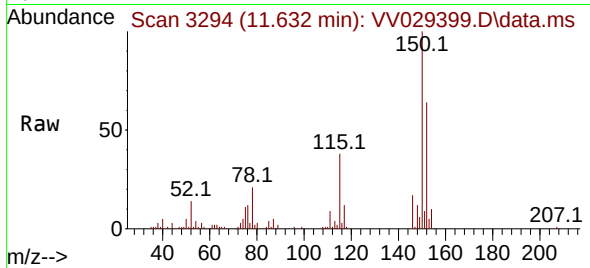
Tgt Ion:146 Resp: 7579
Ion Ratio Lower Upper
146 100
111 41.7 26.0 48.4
148 70.2 44.7 82.9





#67
1,2-Dichlorobenzene
Concen: 0.209 ug/L
RT: 11.632 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21

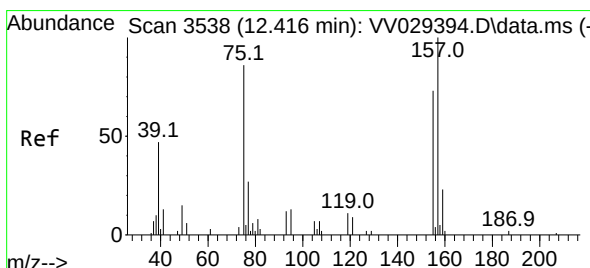
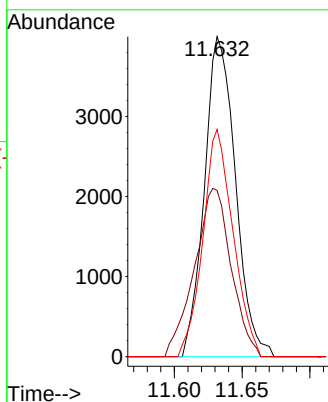
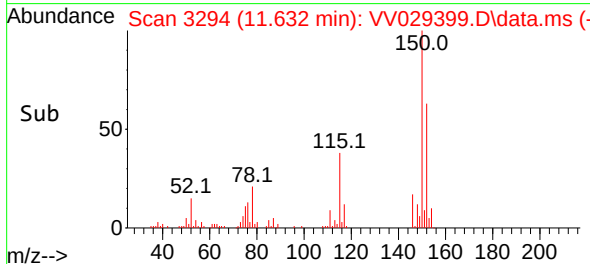
Instrument :
MSVOA_V
ClientSampleId :
MDL04



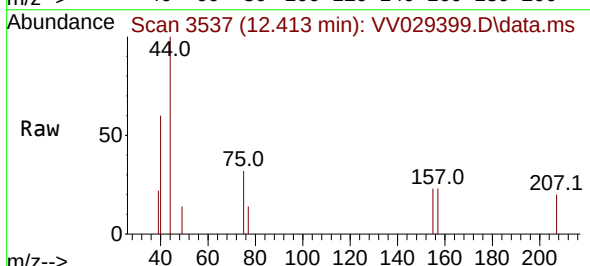
Tgt Ion:146 Resp: 636
Ion Ratio Lower Upper
146 100
111 51.9 33.5 50.3
148 71.0 50.7 76.1

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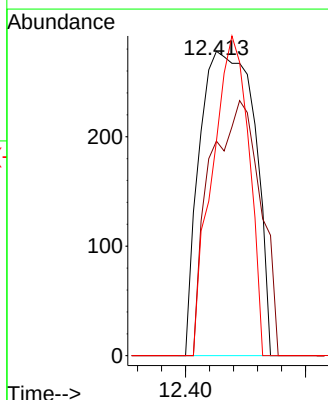
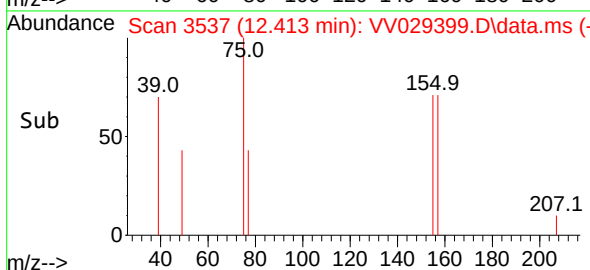
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

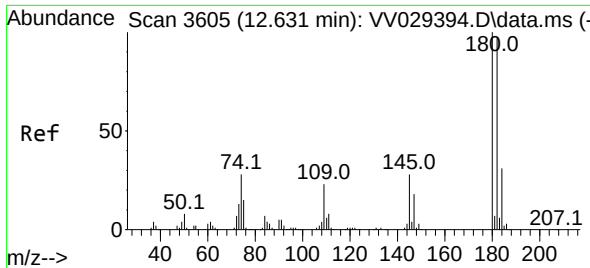


#68
1,2-Dibromo-3-chloropropane
Concen: 0.296 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. -0.003 min
Lab File: VV029399.D
Acq: 05 Dec 2022 12:21



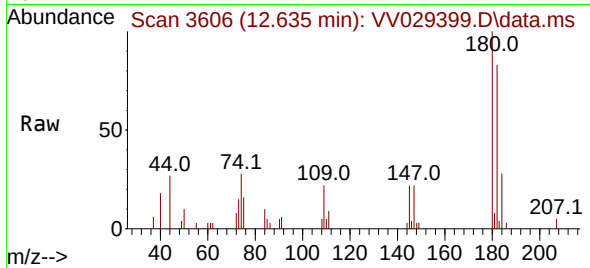
Tgt Ion: 75 Resp: 441
Ion Ratio Lower Upper
75 100
155 70.5 76.6 115.0#
157 70.5 96.9 145.3#





#69
 1,3,5-Trichlorobenzene
 Concen: 0.213 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.003 min
 Lab File: VV029399.D
 Acq: 05 Dec 2022 12:21

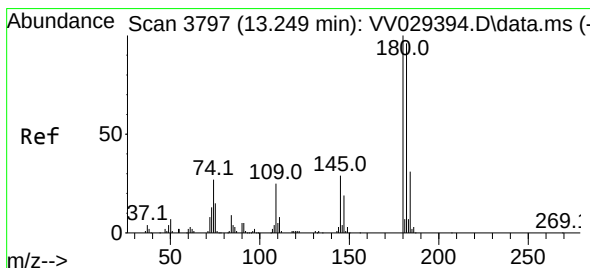
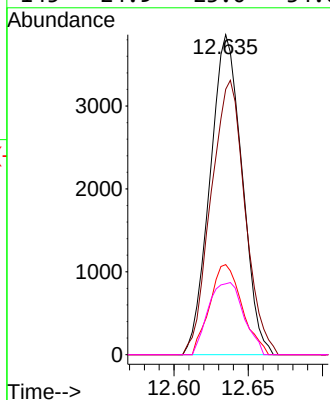
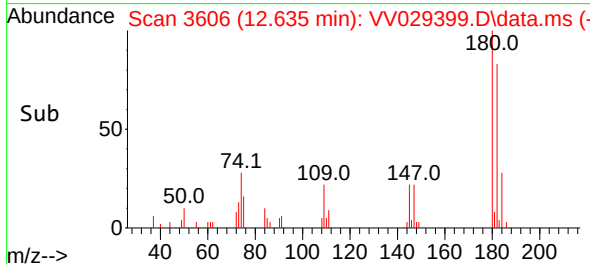
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



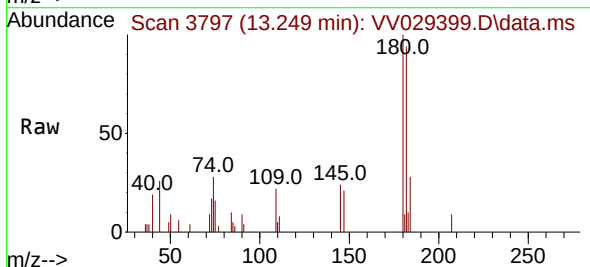
Tgt Ion:180 Resp: 5799
 Ion Ratio Lower Upper
 180 100
 182 90.8 77.0 115.6
 184 28.3 24.4 36.6
 145 24.9 23.0 34.6

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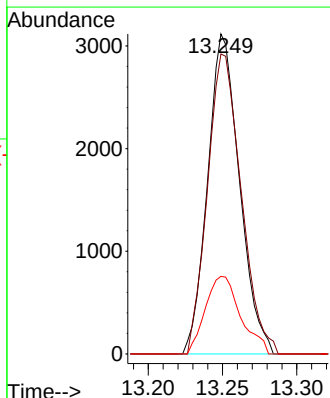
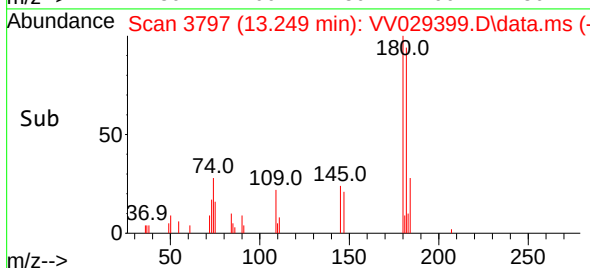
Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

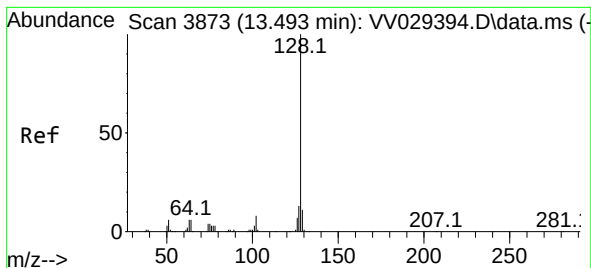


#70
 1,2,4-trichlorobenzene
 Concen: 0.211 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.000 min
 Lab File: VV029399.D
 Acq: 05 Dec 2022 12:21



Tgt Ion:180 Resp: 4648
 Ion Ratio Lower Upper
 180 100
 182 98.9 76.2 114.4
 145 26.8 23.4 35.0





#71

Naphthalene

Concen: 0.323 ug/L

RT: 13.496 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Instrument :

MSVOA_V

ClientSampleId :

MDL04

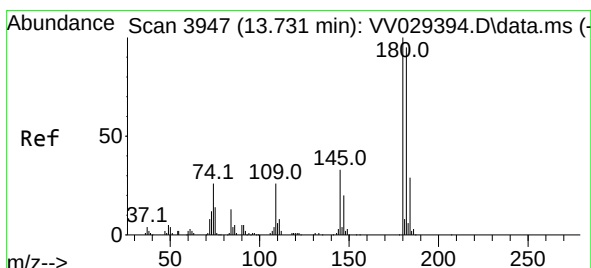
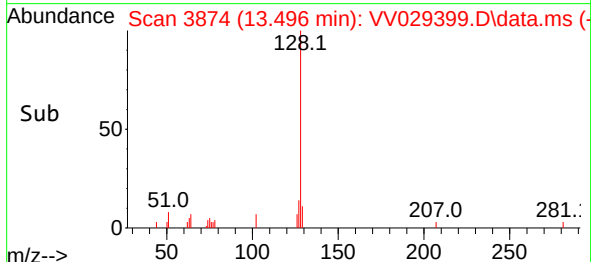
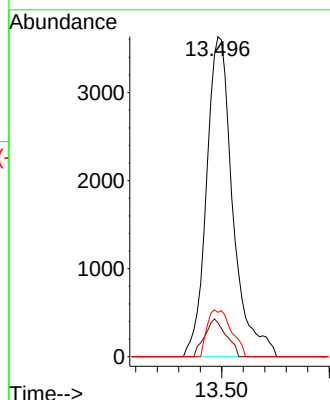
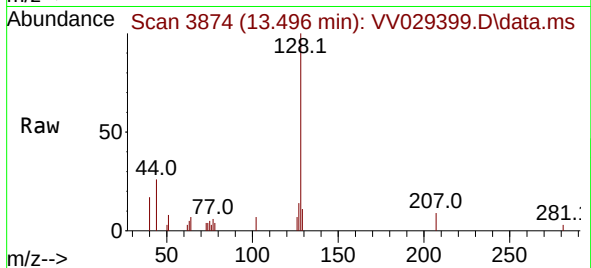
Tgt Ion:	128	Resp:	616
Ion Ratio	Lower	Upper	
128	100		
129	9.6	8.9	13.3
127	13.4	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#72

1,2,3-Trichlorobenzene

Concen: 0.221 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

Lab File: VV029399.D

Acq: 05 Dec 2022 12:21

Tgt Ion:	180	Resp:	3964
Ion Ratio	Lower	Upper	
180	100		
182	97.9	75.0	112.4
145	31.9	25.2	37.8

