

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029423.D
 Acq On : 07 Dec 2022 17:33
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 08 01:34:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	490473	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	450757	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	231936	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	130285	43.378	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.760%		
7) Chloroethane-d5	1.561	69	101010	44.105	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.200%		
11) 1,1-Dichloroethene-d2	2.105	63	158807	33.900	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.800%		
21) 2-Butanone-d5	3.870	46	201115	109.768	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.770%		
24) Chloroform-d	4.339	84	252186	44.619	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.240%		
26) 1,2-Dichloroethane-d4	5.024	65	154462	47.851	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.700%		
32) Benzene-d6	5.043	84	543180	45.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.200%		
36) 1,2-Dichloropropane-d6	6.063	67	172275	47.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.700%		
41) Toluene-d8	7.310	98	503529	44.868	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.740%		
43) trans-1,3-Dichloroprop...	7.612	79	82812	45.077	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.160%		
47) 2-Hexanone-d5	8.082	63	167440	107.778	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.780%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	249675	48.025	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.060%		
66) 1,2-Dichlorobenzene-d4	11.612	152	208870	47.307	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	8376	2.168	ug/L	99
3) Chloromethane	1.240	50	9668	2.195	ug/L	97
5) Vinyl chloride	1.310	62	7884	2.139	ug/L #	68
6) Bromomethane	1.516	94	4162	2.807	ug/L	88
8) Chloroethane	1.581	64	4562	2.223	ug/L	91
9) Trichlorofluoromethane	1.751	101	9707	2.104	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	6866	2.678	ug/L #	83
12) 1,1-Dichloroethene	2.114	96	6278	2.395	ug/L #	1
13) Acetone	2.159	43	5714	4.787	ug/L	92
14) Carbon disulfide	2.291	76	18933	2.170	ug/L	100
15) Methyl Acetate	2.429	43	6291	2.313	ug/L	96
16) Methylene chloride	2.503	84	8831	2.709	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	6589	2.181	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	20012	2.162	ug/L	98
19) 1,1-Dichloroethane	3.185	63	10873	2.101	ug/L	94
20) cis-1,2-Dichloroethene	3.902	96	6908	2.080	ug/L	86
22) 2-Butanone	3.986	43	9745m	5.131	ug/L	
23) Bromochloromethane	4.252	128	3417	1.998	ug/L	91
25) Chloroform	4.371	83	12413	2.314	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	8994	2.373	ug/L	95
29) Cyclohexane	4.674	56	9921	2.032	ug/L	95
30) 1,1,1-Trichloroethane	4.606	97	10350	2.108	ug/L	97
31) Carbon tetrachloride	4.822	117	8969	2.091	ug/L	96
33) Benzene	5.098	78	26404	2.078	ug/L	100
34) Trichloroethene	5.912	95	6899	2.167	ug/L	96
35) Methylcyclohexane	6.124	83	11683	2.161	ug/L	97
37) 1,2-Dichloropropane	6.175	63	6895	2.248	ug/L	97
38) Bromodichloromethane	6.506	83	9086	2.146	ug/L #	96
39) cis-1,3-Dichloropropene	7.027	75	11025m	2.186	ug/L	
40) 4-Methyl-2-pentanone	7.227	43	16713	4.571	ug/L	99
42) Toluene	7.384	91	29612	2.165	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	10507m	2.200	ug/L	
45) 1,1,2-Trichloroethane	7.834	97	6603	2.084	ug/L	88
46) Tetrachloroethene	7.969	164	5656	2.210	ug/L	92
48) 2-Hexanone	8.140	43	16473m	5.897	ug/L	
49) Dibromochloromethane	8.239	129	7053	2.016	ug/L	94
50) 1,2-Dibromoethane	8.349	107	7242	2.219	ug/L	100
51) Chlorobenzene	8.876	112	19156	2.212	ug/L	98
52) Ethylbenzene	9.008	91	30671	2.133	ug/L	98
53) m,p-Xylene	9.133	106	11446	2.011	ug/L	92
54) o-Xylene	9.535	106	11293	2.006	ug/L	99
55) Styrene	9.558	104	18914	1.934	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.233	83	11622	2.293	ug/L	97
59) Bromoform	9.725	173	5701	2.225	ug/L	98
60) Isopropylbenzene	9.924	105	29922	2.197	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	9312	2.601	ug/L	96
62) 1,3,5-Trimethylbenzene	10.529	105	25808	2.143	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	24893	2.086	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	14482	2.175	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	15582	2.303	ug/L	95
67) 1,2-Dichlorobenzene	11.632	146	16172	2.375	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.416	75	3063	2.753	ug/L	93
69) 1,3,5-Trichlorobenzene	12.635	180	11045	2.084	ug/L	96
70) 1,2,4-trichlorobenzene	13.249	180	10280	2.182	ug/L	98
71) Naphthalene	13.496	128	24625m	2.304	ug/L	
72) 1,2,3-Trichlorobenzene	13.731	180	10537	2.283	ug/L	97

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

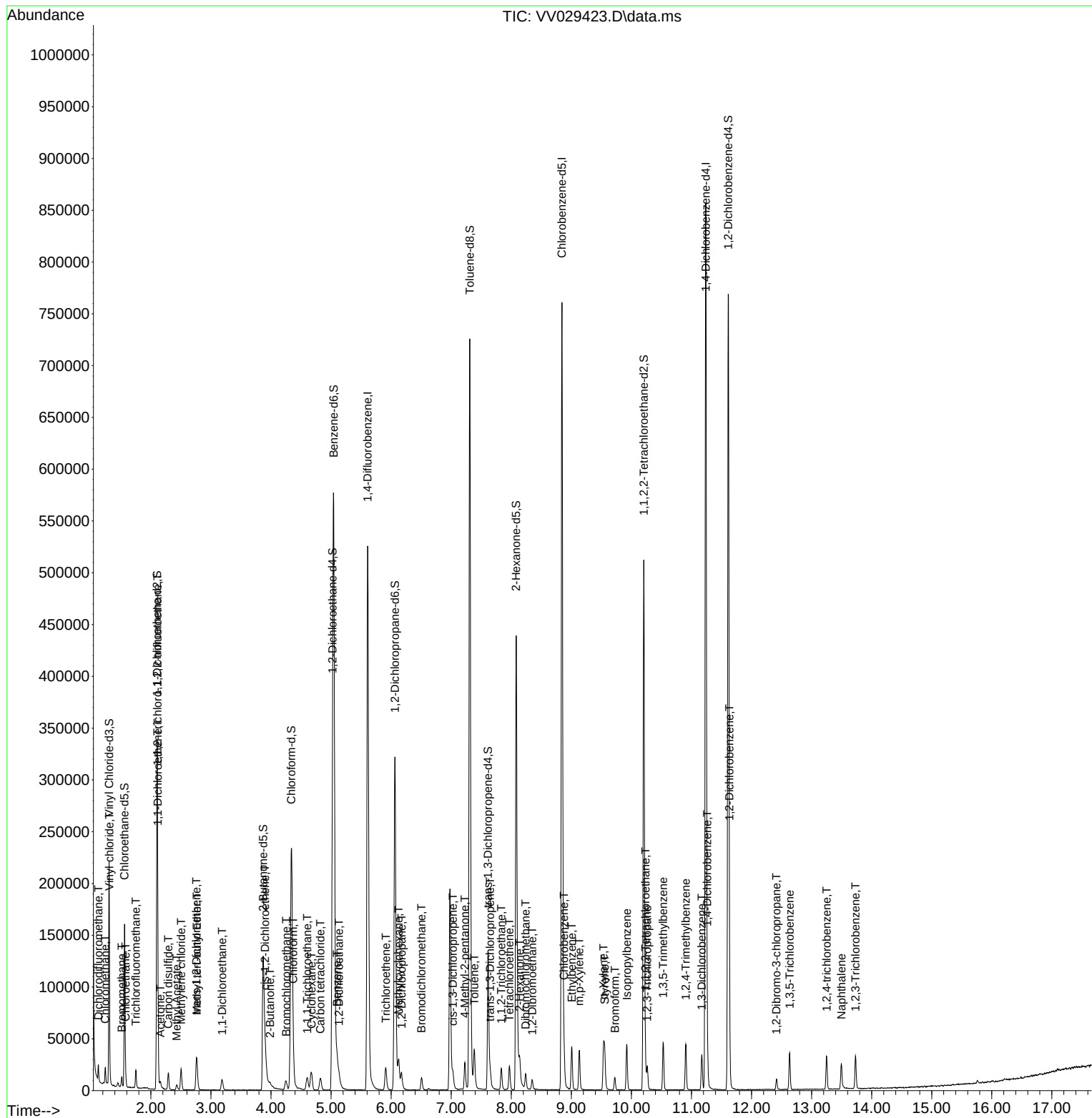
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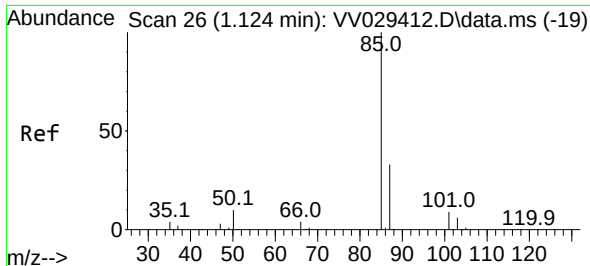
Instrument :
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 ClientSampleId :
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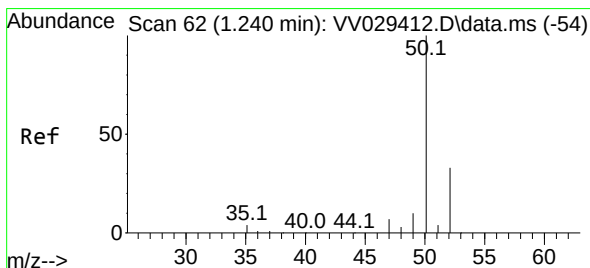
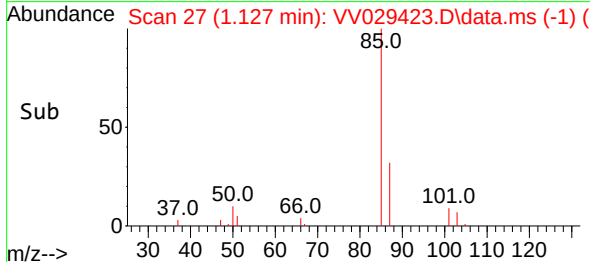
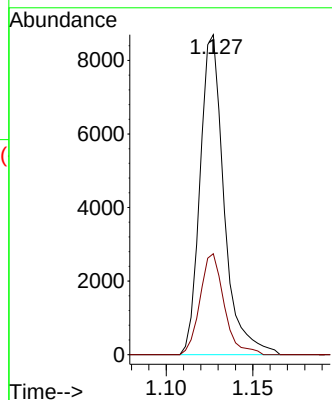
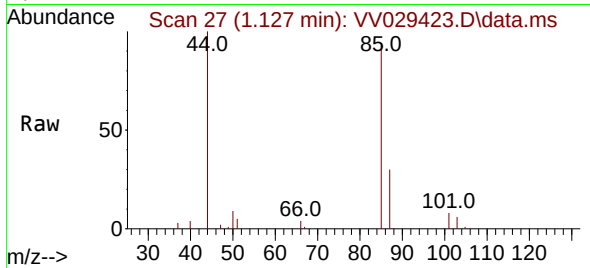
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 Dichlorodifluoromethane
 Concen: 2.168 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029423.D
 Acq: 07 Dec 2022 17:33

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion: 85 Resp: 8370
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.9 38.9

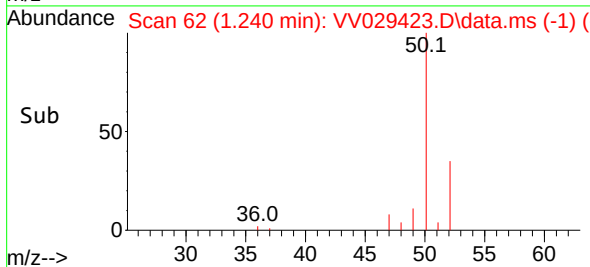
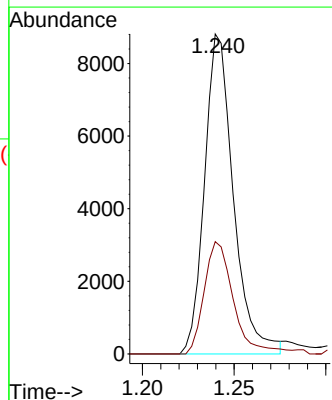
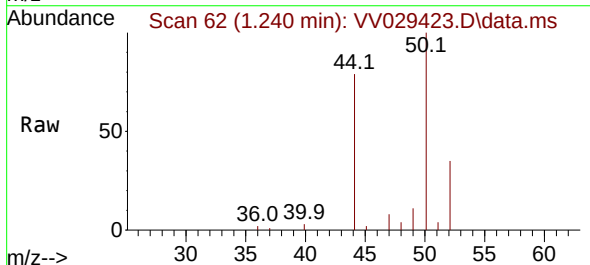
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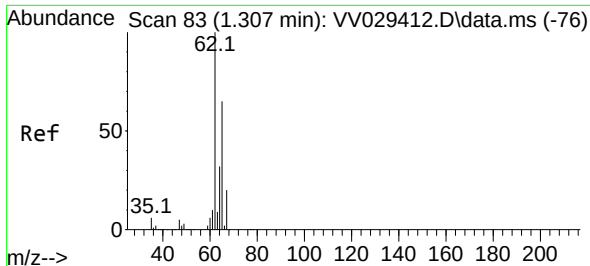
Reviewed By :Krupa Patel 12/08/2022
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#3
 Chloromethane
 Concen: 2.195 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029423.D
 Acq: 07 Dec 2022 17:33

Tgt Ion: 50 Resp: 9668
 Ion Ratio Lower Upper
 50 100
 52 35.1 23.3 43.3





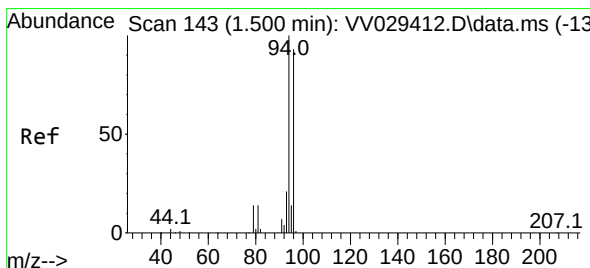
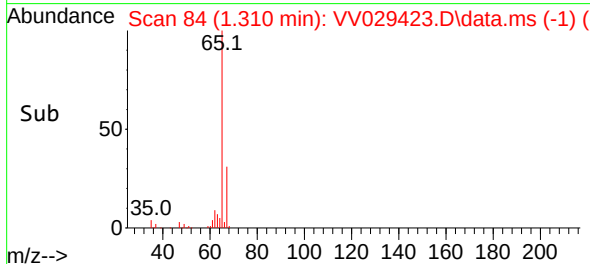
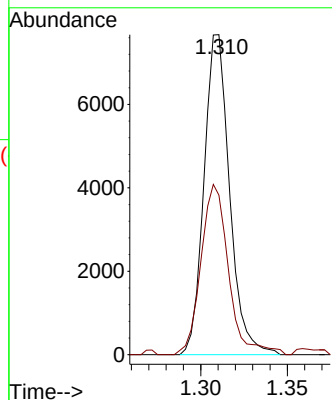
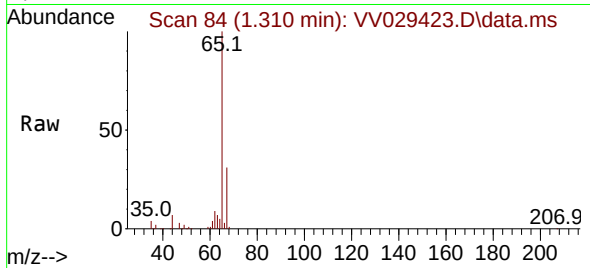
#5
 Vinyl chloride
 Concen: 2.139 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV029423.D
 Acq: 07 Dec 2022 17:33

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion: 62 Resp: 7884
 Ion Ratio Lower Upper
 62 100
 64 49.8 22.5 41.9

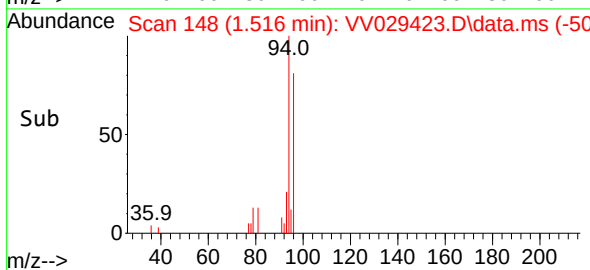
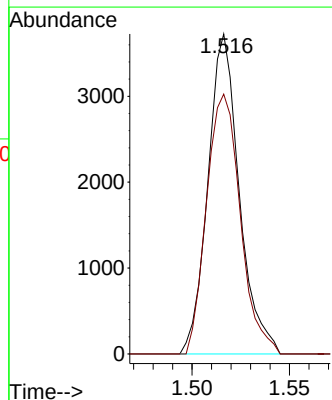
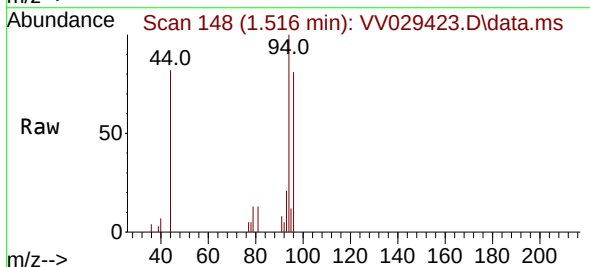
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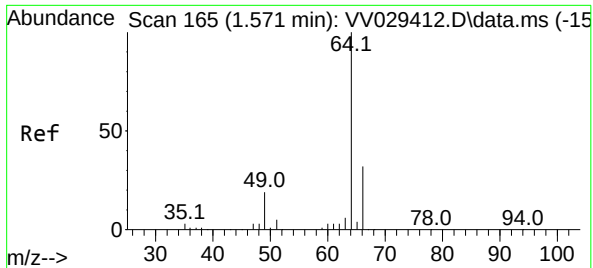
Reviewed By :Krupa Patel 12/08/2022
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#6
 Bromomethane
 Concen: 2.807 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.016 min
 Lab File: VV029423.D
 Acq: 07 Dec 2022 17:33

Tgt Ion: 94 Resp: 4162
 Ion Ratio Lower Upper
 94 100
 96 81.2 65.1 120.9





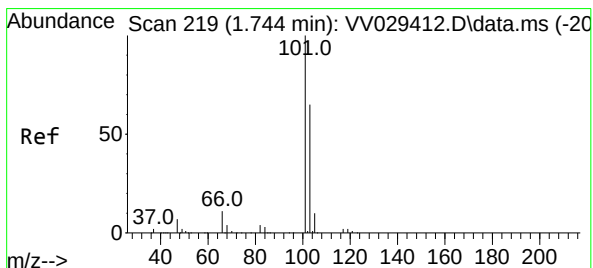
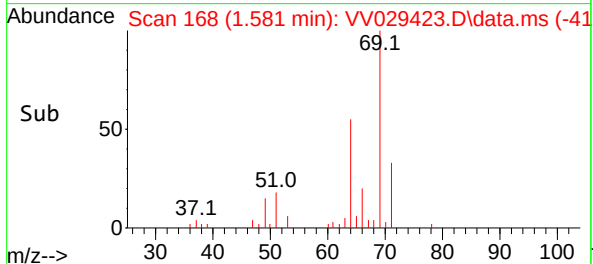
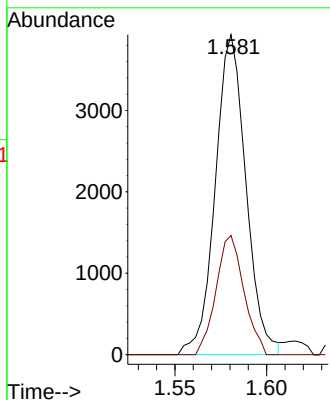
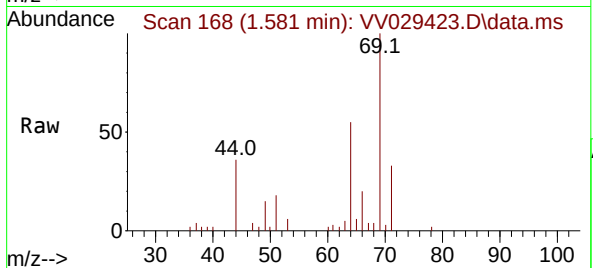
#8
Chloroethane
Concen: 2.223 ug/L
RT: 1.581 min Scan# 10
Delta R.T. 0.010 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Instrument :
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ClientSampleId :
MDL02

Tgt Ion: 64 Resp: 456
Ion Ratio Lower Upper
64 100
66 37.3 22.5 41.9

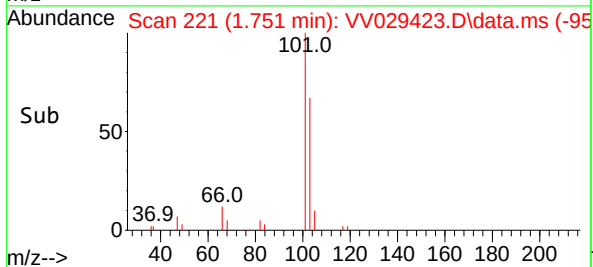
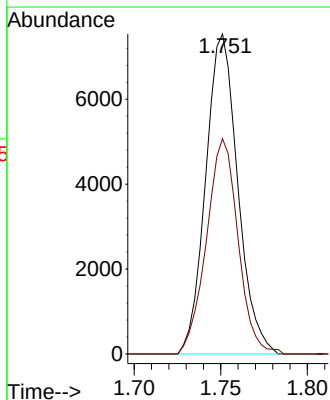
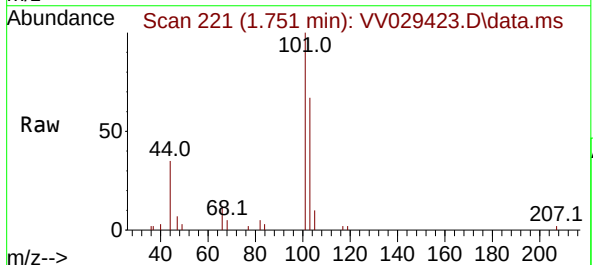
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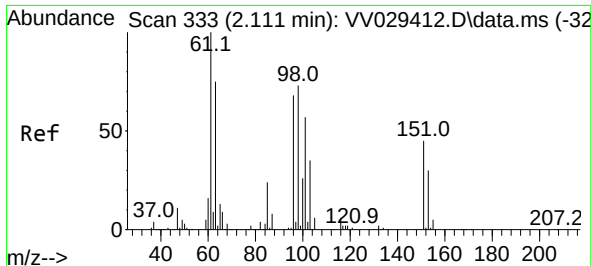
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#9
Trichlorofluoromethane
Concen: 2.104 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.007 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Tgt Ion:101 Resp: 9707
Ion Ratio Lower Upper
101 100
103 66.0 51.8 77.8





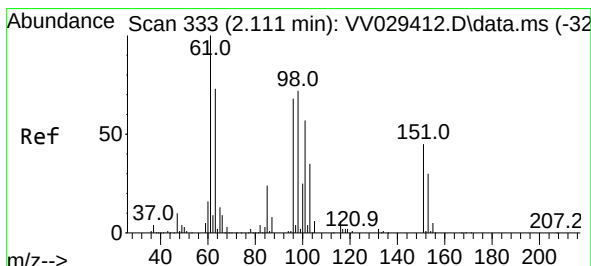
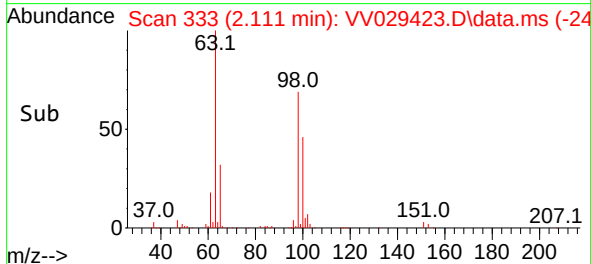
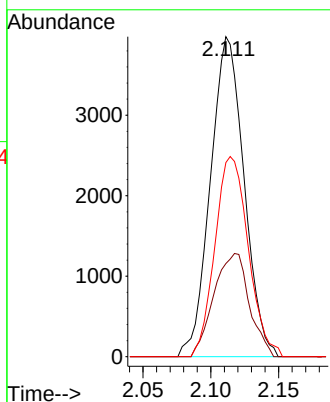
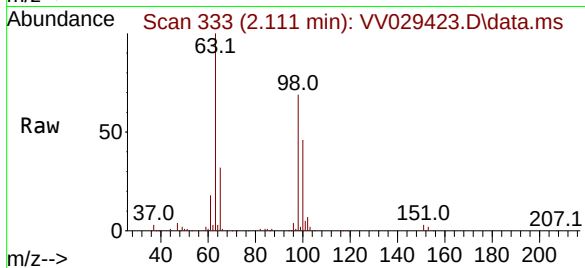
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.678 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029423.D
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Tgt Ion:101 Resp: 6860
 Ion Ratio Lower Upper
 101 100
 85 33.9 33.6 50.4
 151 62.0 63.5 95.3

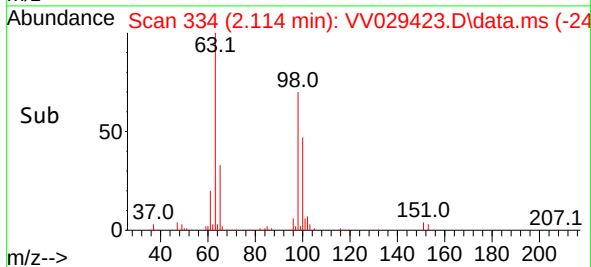
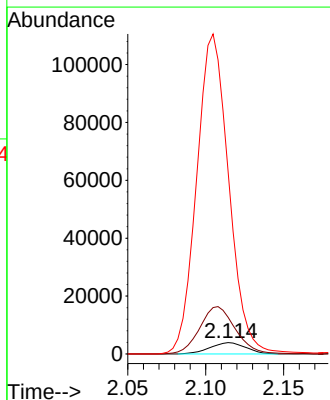
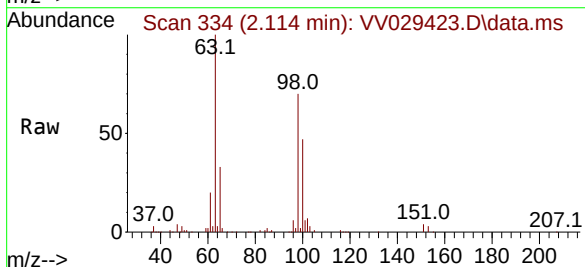
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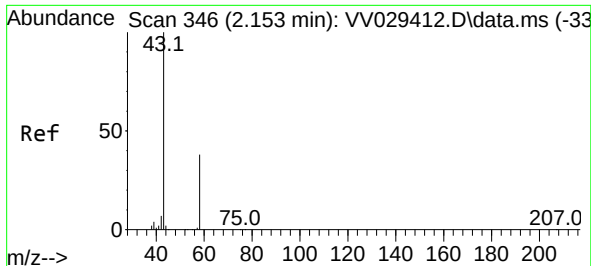
Reviewed By :Krupa Patel 12/08/2022
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#12
 1,1-Dichloroethene
 Concen: 2.395 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029423.D
 Acq: 07 Dec 2022 17:33

Tgt Ion: 96 Resp: 6278
 Ion Ratio Lower Upper
 96 100
 61 323.0 103.3 191.9#
 63 1604.7 77.3 143.7#





#13

Acetone

Concen: 4.787 ug/L

RT: 2.159 min Scan# 346

Delta R.T. 0.007 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Instrument :

MSVOA_V

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Tgt Ion: 43 Resp: 5714

Ion Ratio Lower Upper

43 100

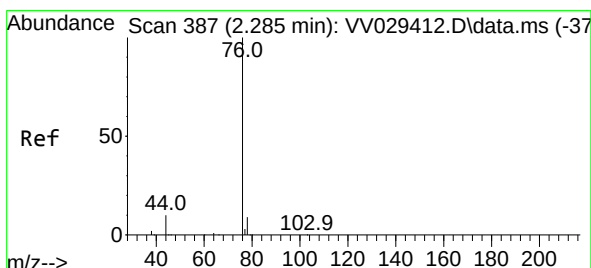
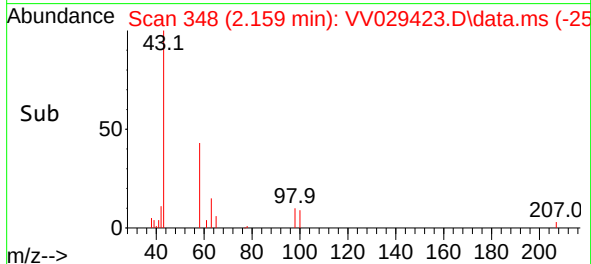
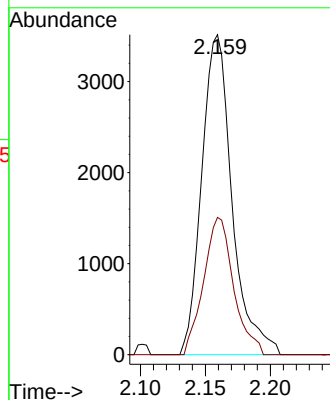
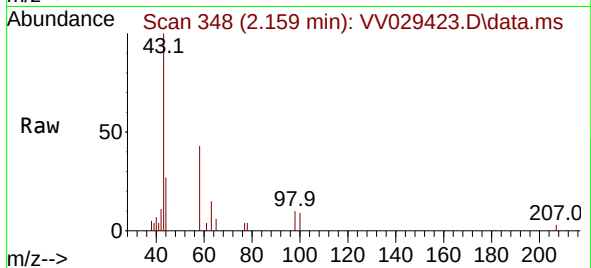
58 42.4 0.0 74.8

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#14

Carbon disulfide

Concen: 2.170 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.007 min

Lab File: VV029423.D

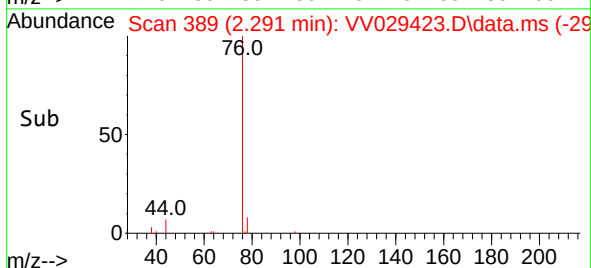
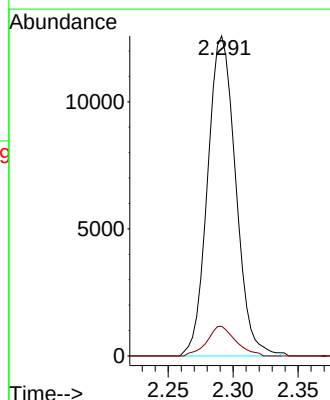
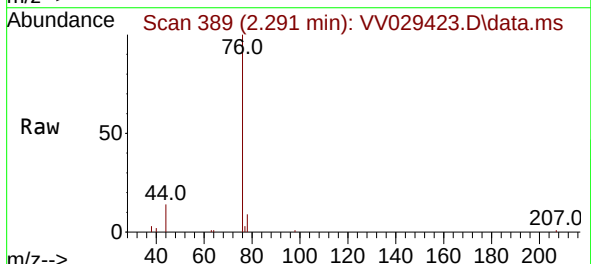
Acq: 07 Dec 2022 17:33

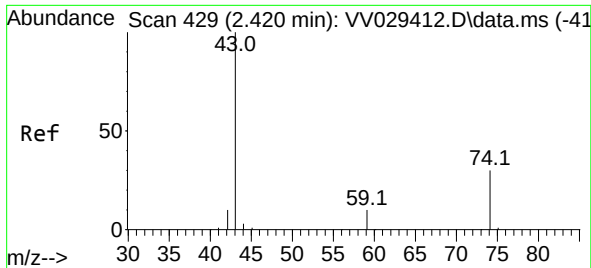
Tgt Ion: 76 Resp: 18933

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





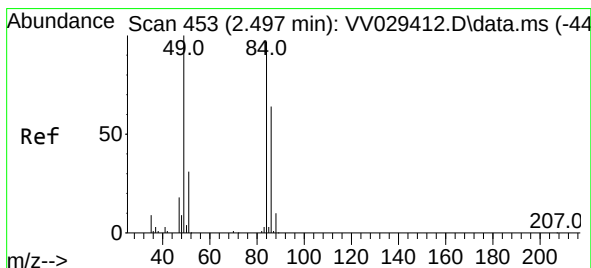
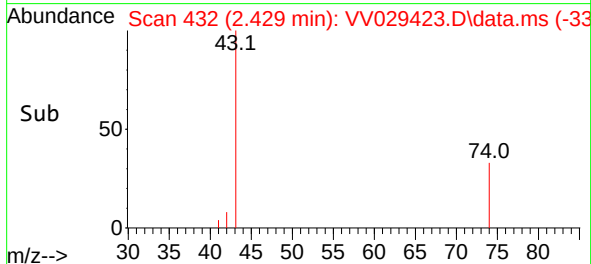
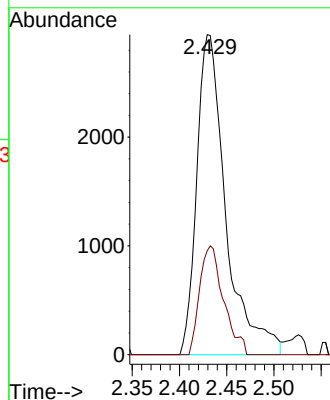
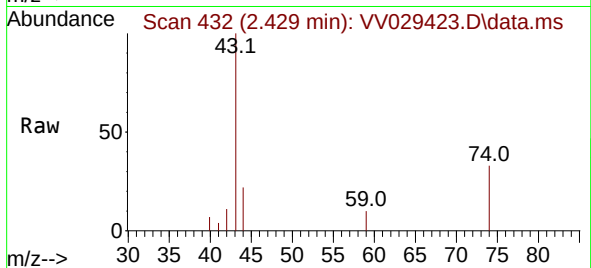
#15
Methyl Acetate
Concen: 2.313 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
74 27.0 23.5 35.3

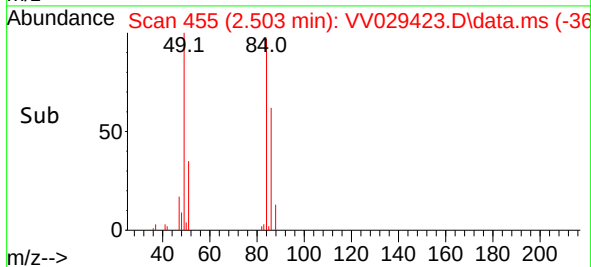
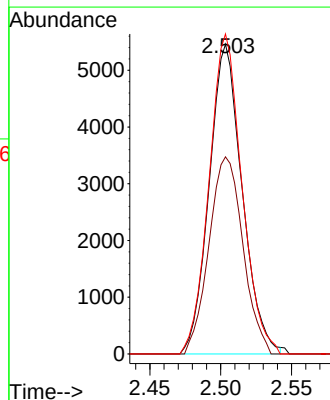
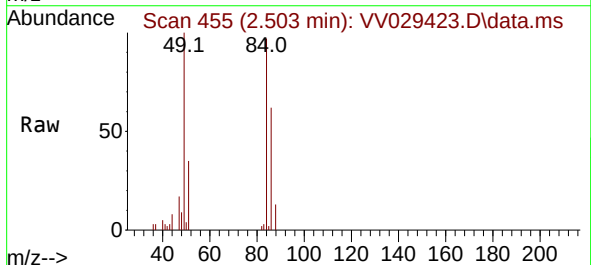
Manual Integrations
APPROVED

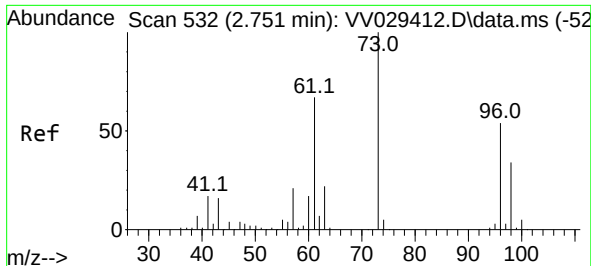
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#16
Methylene chloride
Concen: 2.709 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.007 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

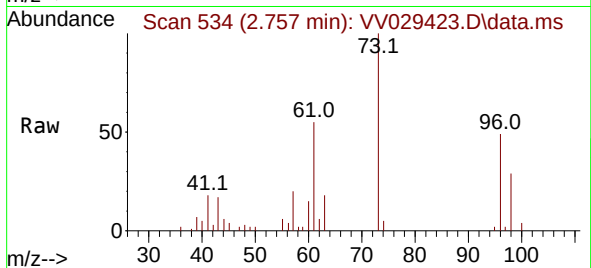
Tgt Ion: 84 Resp: 8831
Ion Ratio Lower Upper
84 100
86 63.6 46.0 85.4
49 103.3 72.2 134.0





#17
trans-1,2-Dichloroethene
Concen: 2.181 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

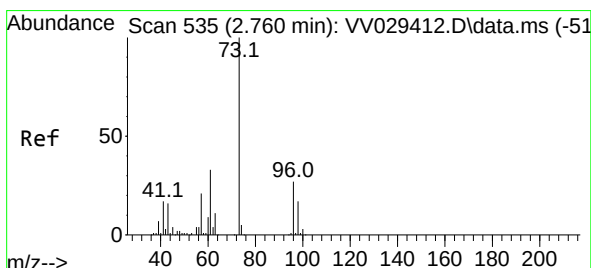
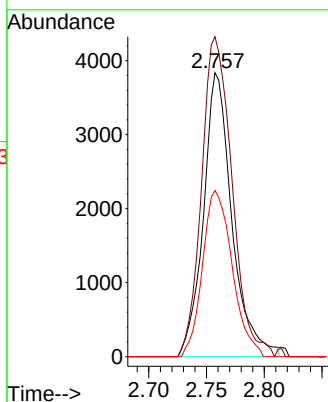
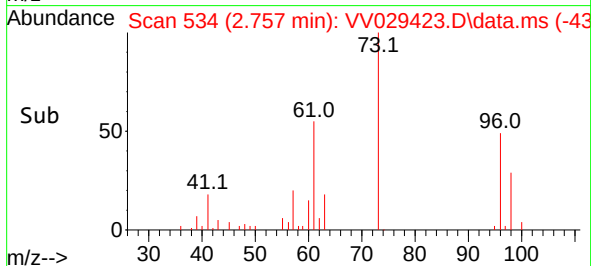
Instrument :
MSVOA_V
ClientSampleId :
MDL02



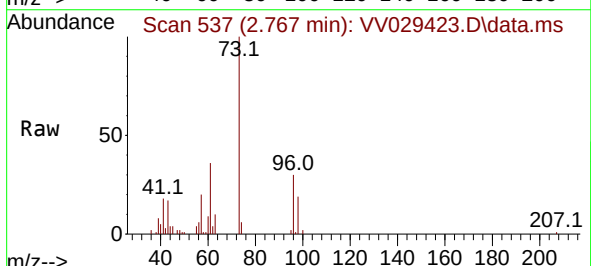
Tgt Ion: 96 Resp: 6589
Ion Ratio Lower Upper
96 100
61 112.7 86.4 160.4
98 58.5 43.4 80.6

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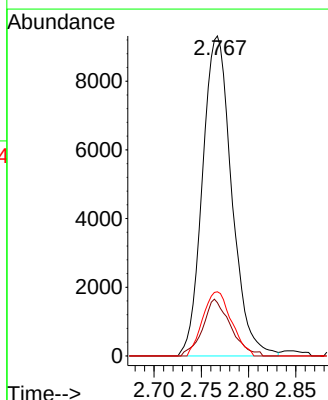
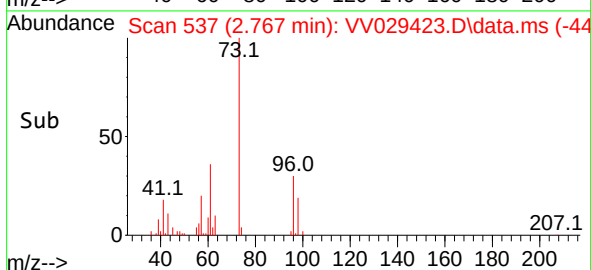
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

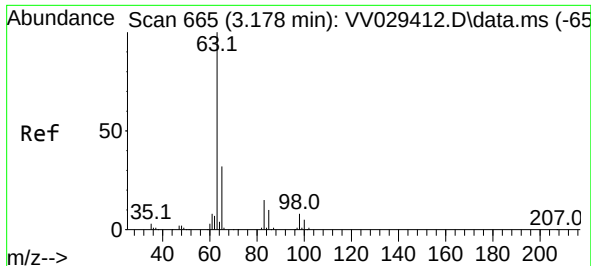


#18
Methyl tert-butyl Ether
Concen: 2.162 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.007 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33



Tgt Ion: 73 Resp: 20012
Ion Ratio Lower Upper
73 100
43 16.7 12.7 19.1
57 19.6 16.7 25.1





#19

1,1-Dichloroethane

Concen: 2.101 ug/L

RT: 3.185 min Scan# 60

Delta R.T. 0.007 min

Lab File: VV029423.D

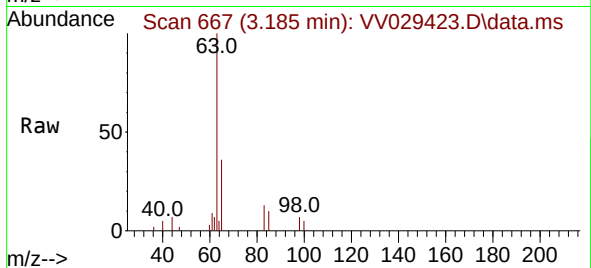
Acq: 07 Dec 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

MDL02



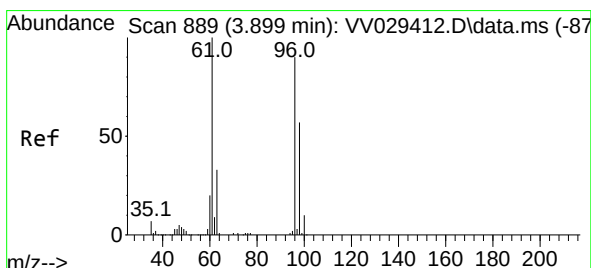
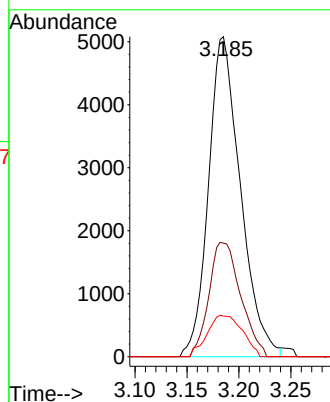
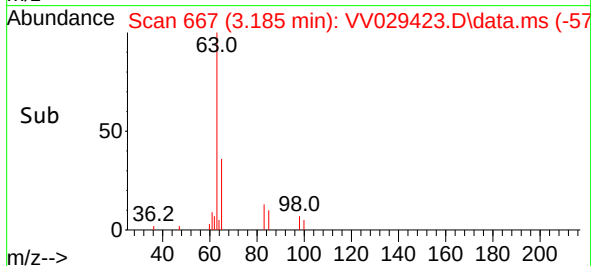
Tgt Ion: 63	Resp: 1087
Ion Ratio	Lower Upper
63 100	
65 35.5	22.5 41.7
83 12.7	10.4 19.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#20

cis-1,2-Dichloroethene

Concen: 2.080 ug/L

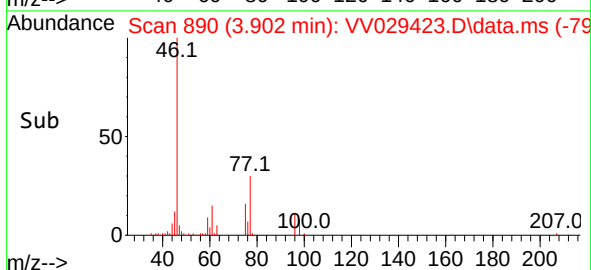
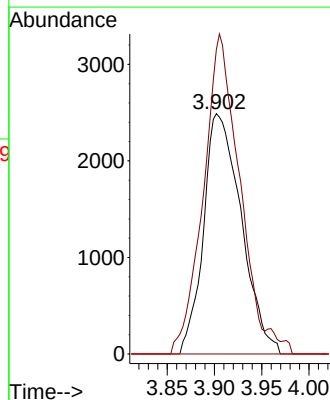
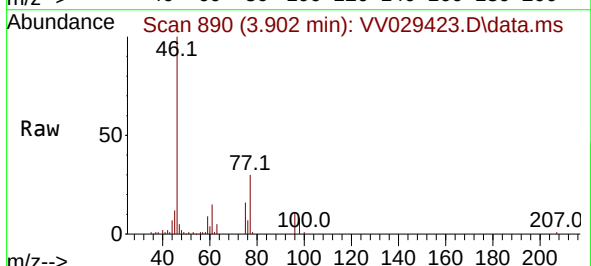
RT: 3.902 min Scan# 890

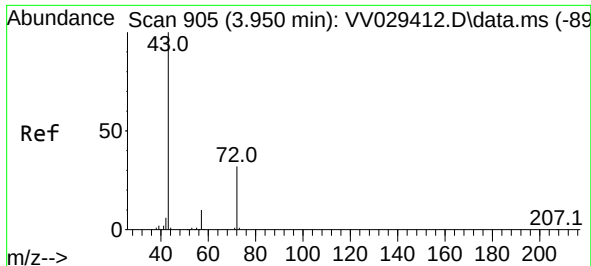
Delta R.T. 0.003 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

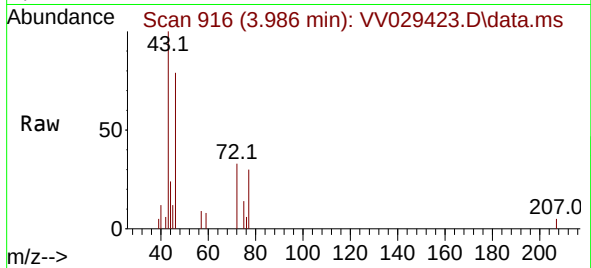
Tgt Ion: 96	Resp: 6908
Ion Ratio	Lower Upper
96 100	
61 126.7	78.0 144.9
68 0.0	0.0 0.0





#22
2-Butanone
Concen: 5.131 ug/L m
RT: 3.986 min Scan# 916
Delta R.T. 0.036 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

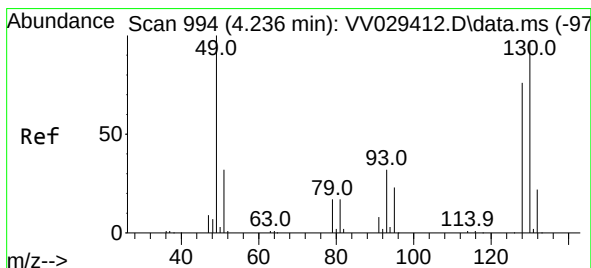
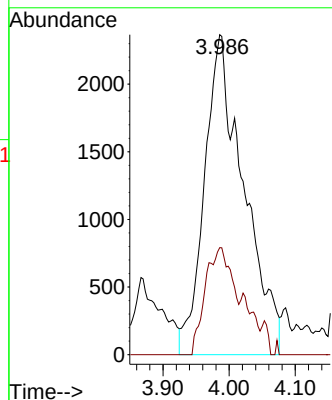
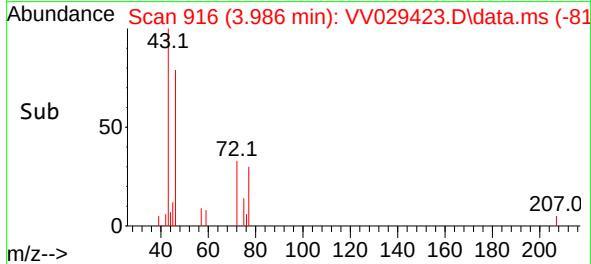
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
72 8.4 15.9 47.6

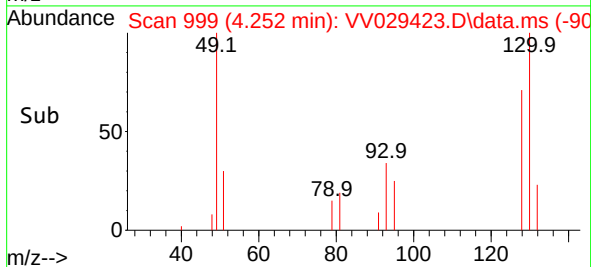
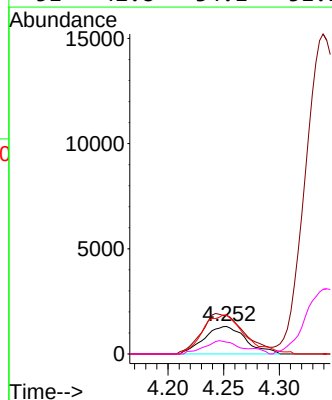
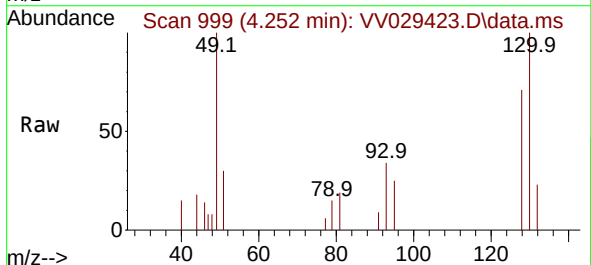
Manual Integrations
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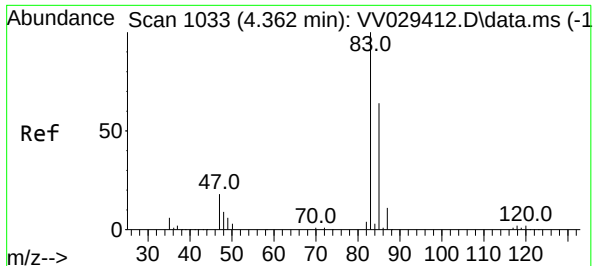
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#23
Bromochloromethane
Concen: 1.998 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.016 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Tgt Ion:128 Resp: 3417
Ion Ratio Lower Upper
128 100
49 140.2 92.2 171.2
130 140.9 88.3 164.1
51 42.8 34.1 51.1





#25

Chloroform

Concen: 2.314 ug/L

RT: 4.371 min Scan# 1033

Delta R.T. 0.010 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 83 Resp: 1241

Ion Ratio Lower Upper

83 100

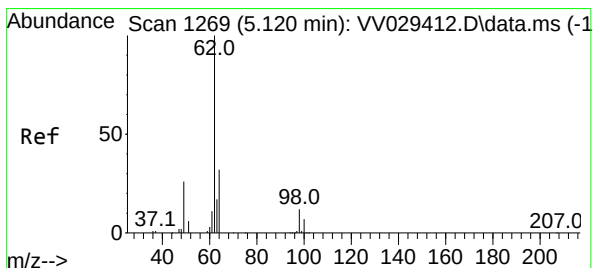
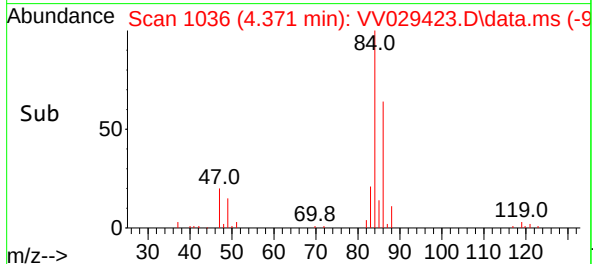
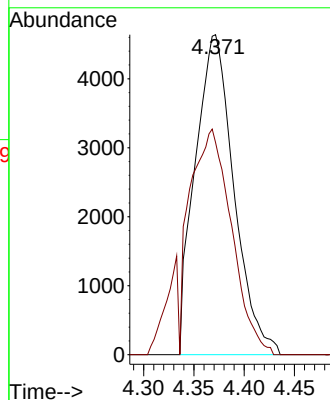
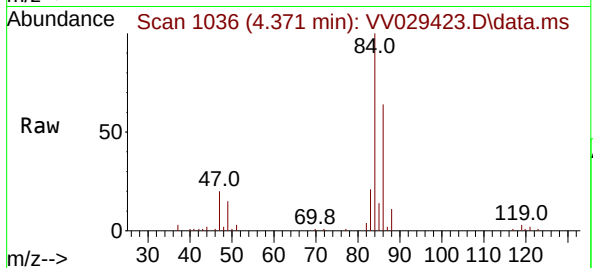
85 66.3 45.1 83.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#27

1,2-Dichloroethane

Concen: 2.373 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.010 min

Lab File: VV029423.D

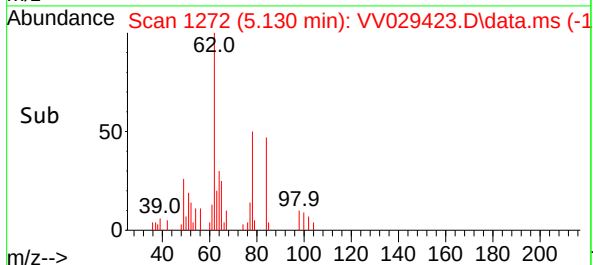
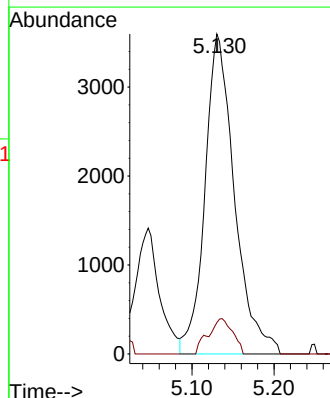
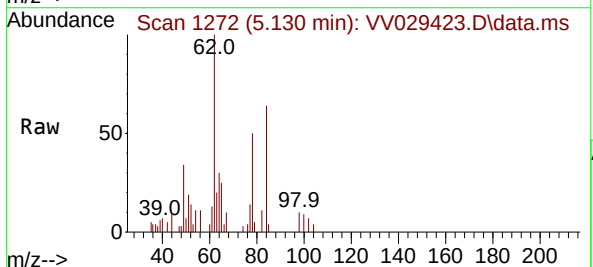
Acq: 07 Dec 2022 17:33

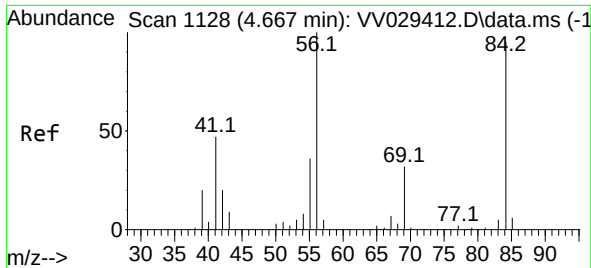
Tgt Ion: 62 Resp: 8994

Ion Ratio Lower Upper

62 100

98 9.8 9.4 14.0





#29

Cyclohexane

Concen: 2.032 ug/L

RT: 4.674 min Scan# 1109

Delta R.T. 0.007 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 56 Resp: 992

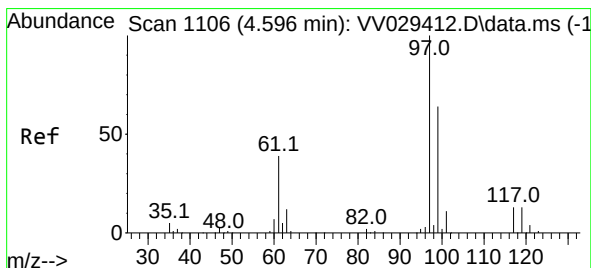
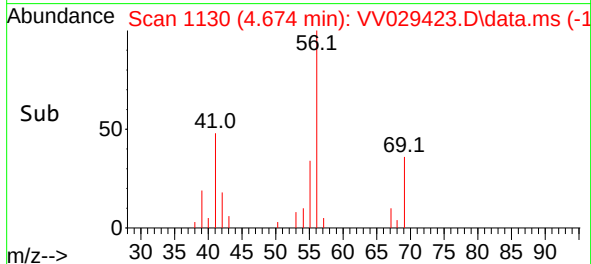
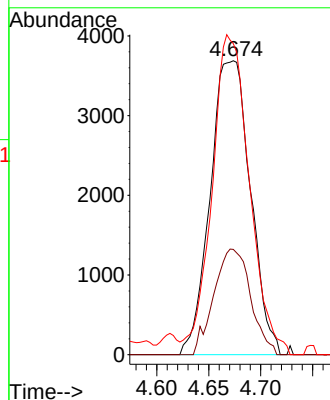
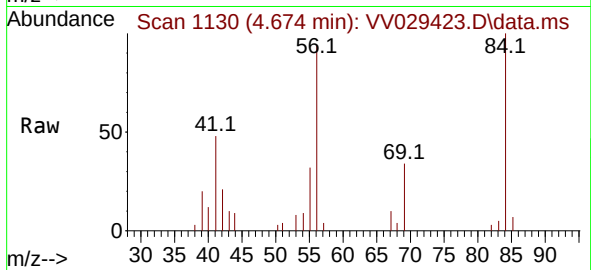
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.8	38.8
84	101.2	76.6	114.8

Manual Integrations

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Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#30

1,1,1-Trichloroethane

Concen: 2.108 ug/L

RT: 4.606 min Scan# 1109

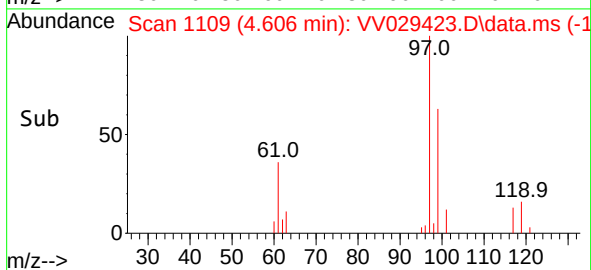
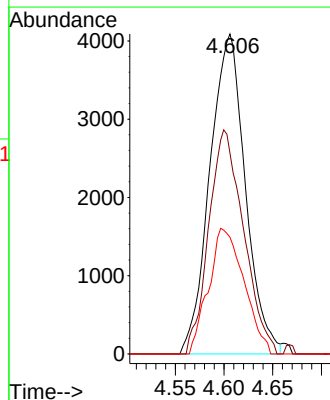
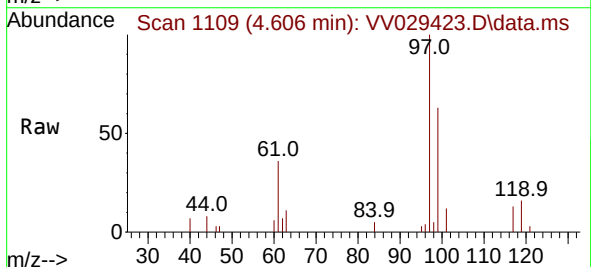
Delta R.T. 0.010 min

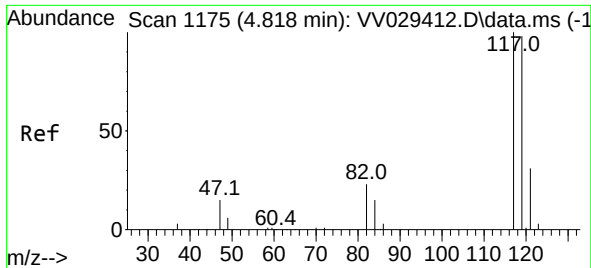
Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Tgt Ion: 97 Resp: 10350

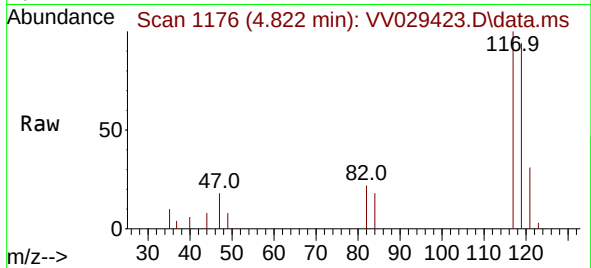
Ion	Ratio	Lower	Upper
97	100		
99	68.7	52.1	78.1
61	39.2	31.8	47.8





#31
Carbon tetrachloride
Concen: 2.091 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

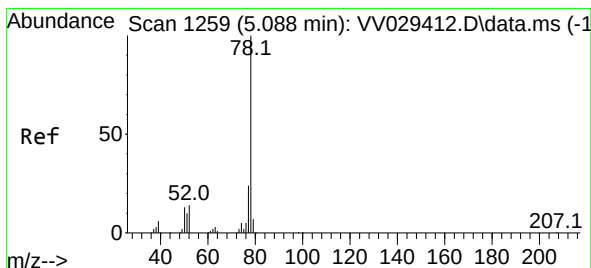
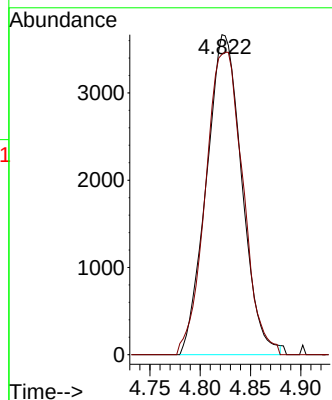
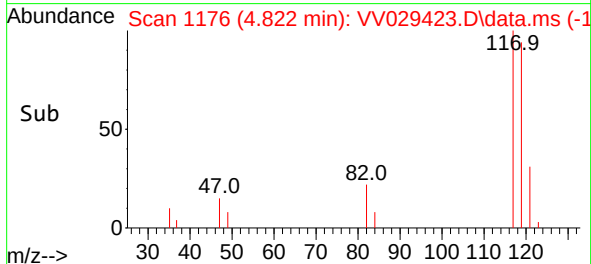
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 117 Resp: 896
Ion Ratio Lower Upper
117 100
119 99.8 76.7 115.1

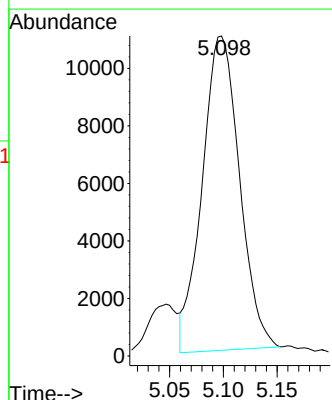
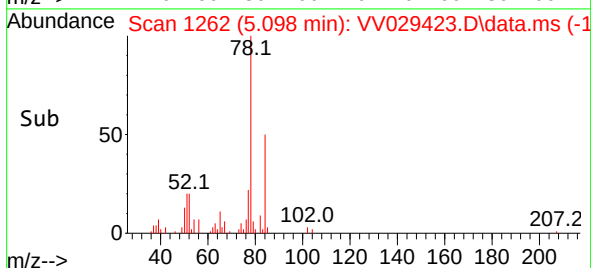
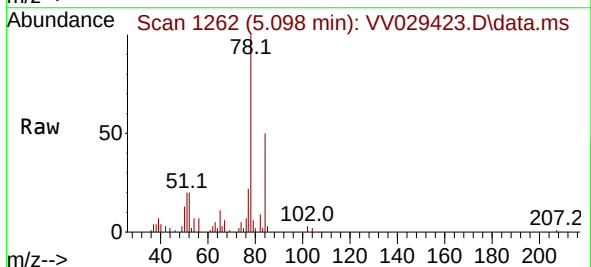
Manual Integrations
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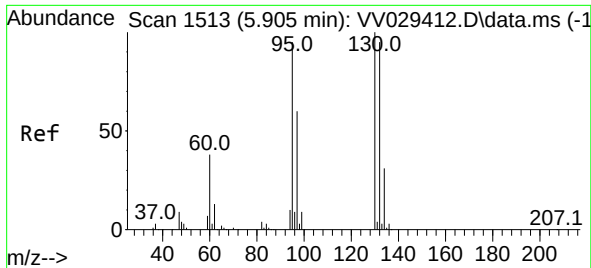
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#33
Benzene
Concen: 2.078 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.010 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Tgt Ion: 78 Resp: 26404





#34

Trichloroethene

Concen: 2.167 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.007 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 95 Resp: 6899

Ion Ratio Lower Upper

95 100

97 67.8 44.0 81.8

132 95.1 69.9 129.9

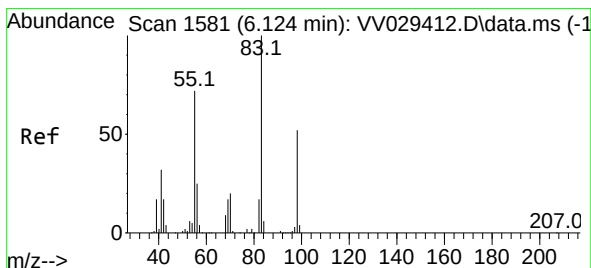
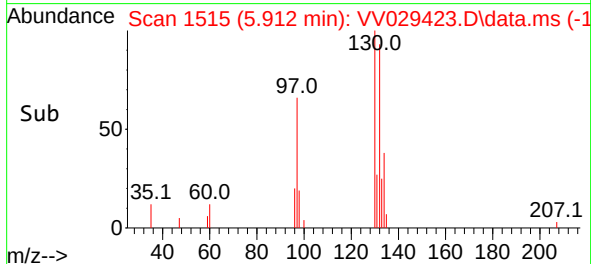
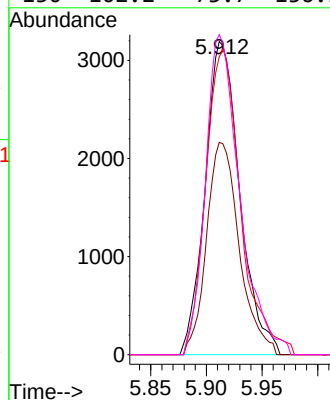
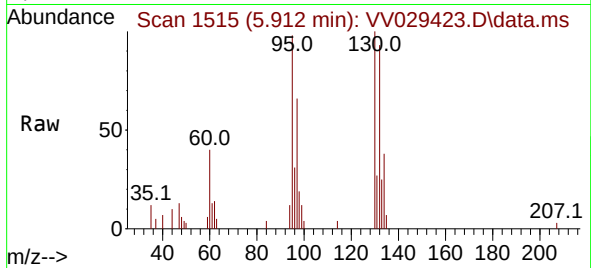
130 102.2 73.7 136.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#35

Methylcyclohexane

Concen: 2.161 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

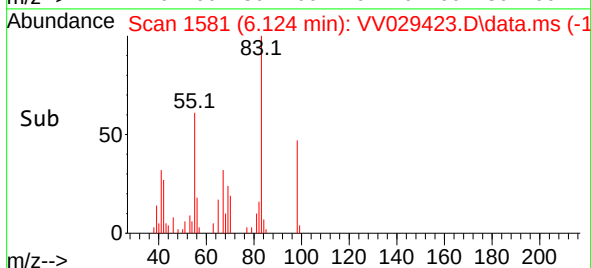
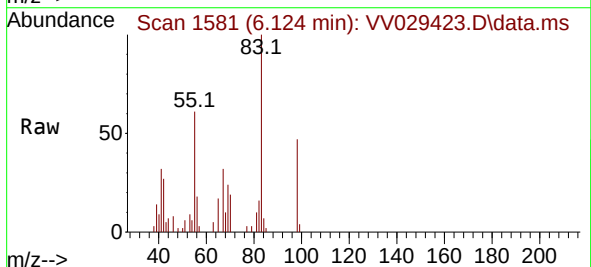
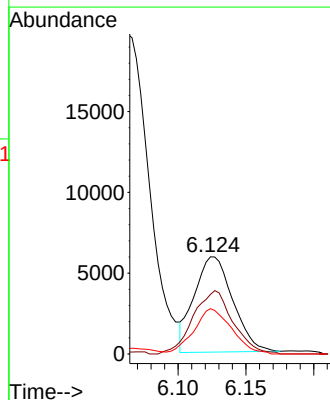
Tgt Ion: 83 Resp: 11683

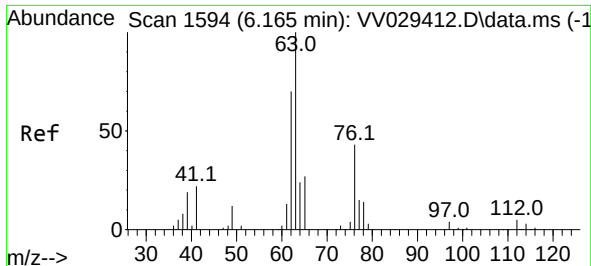
Ion Ratio Lower Upper

83 100

55 68.6 55.5 83.3

98 46.5 39.8 59.8





#37

1,2-Dichloropropane

Concen: 2.248 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

MDL02

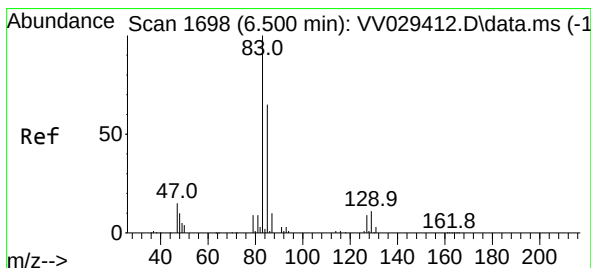
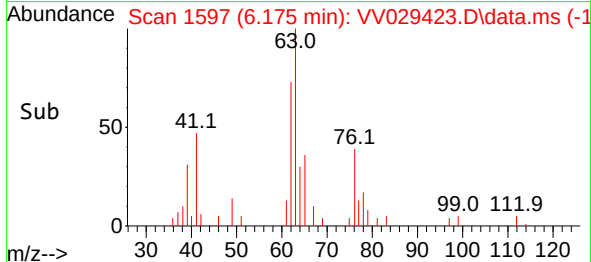
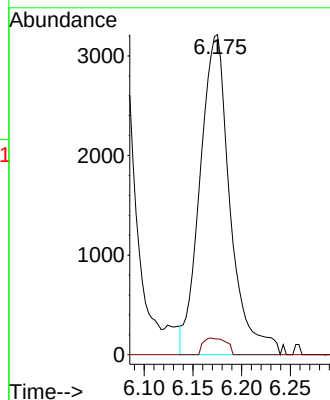
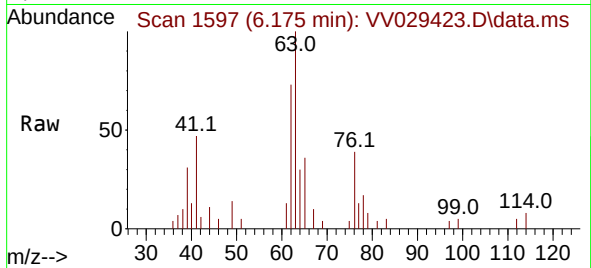
Tgt Ion: 63 Resp: 689
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.9 5.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#38

Bromodichloromethane

Concen: 2.146 ug/L

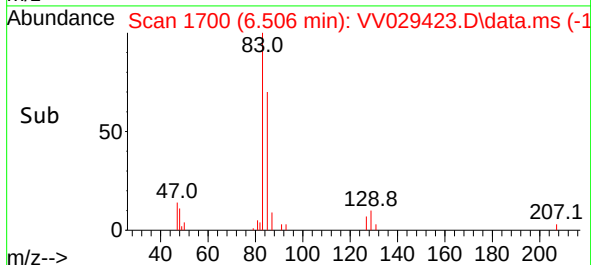
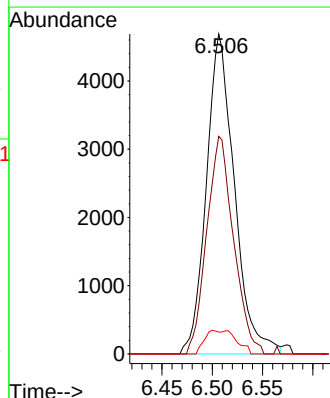
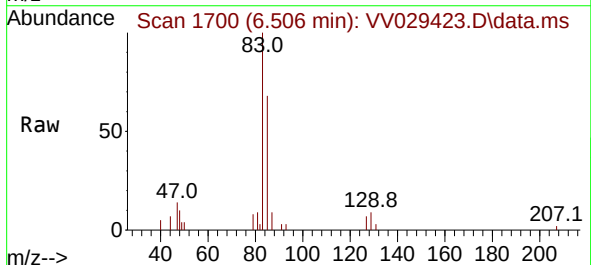
RT: 6.506 min Scan# 1700

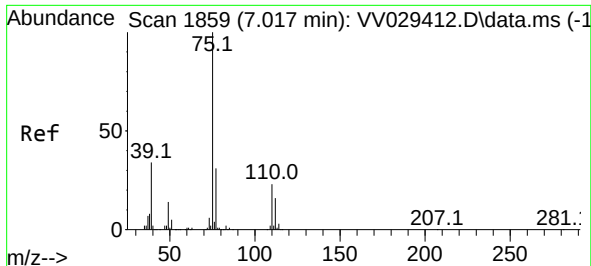
Delta R.T. 0.007 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Tgt Ion: 83 Resp: 9086
 Ion Ratio Lower Upper
 83 100
 85 68.0 45.3 84.1
 127 6.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 2.186 ug/L m

RT: 7.027 min Scan# 1862

Delta R.T. 0.010 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 75 Resp: 1102

Ion Ratio Lower Upper

75 100

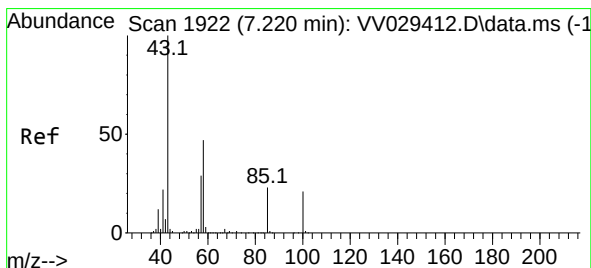
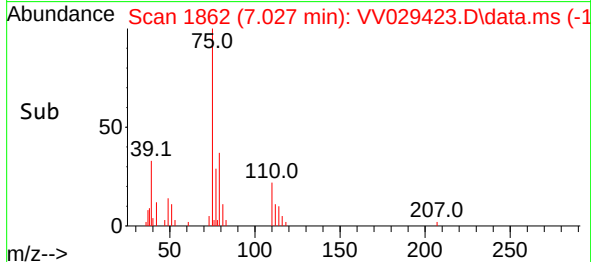
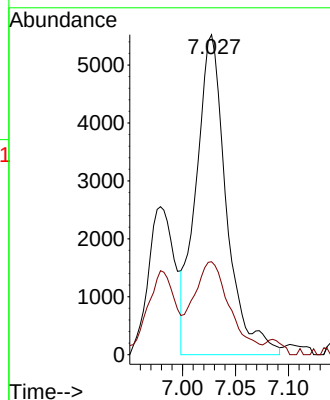
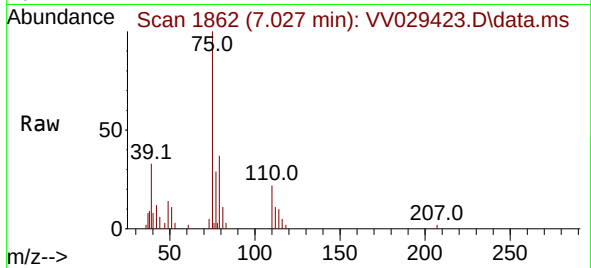
77 29.0 21.9 40.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#40

4-Methyl-2-pentanone

Concen: 4.571 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.007 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

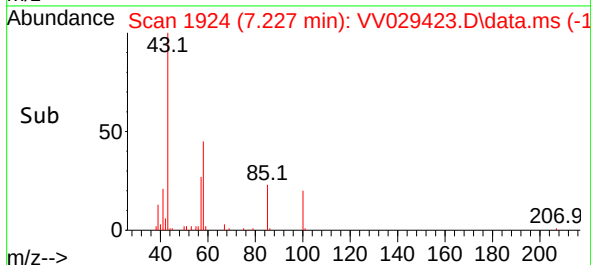
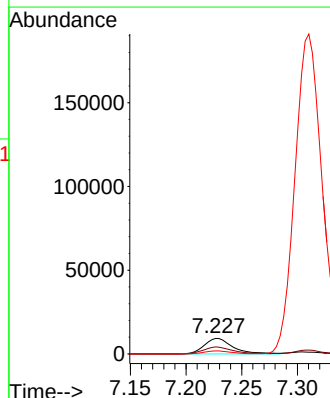
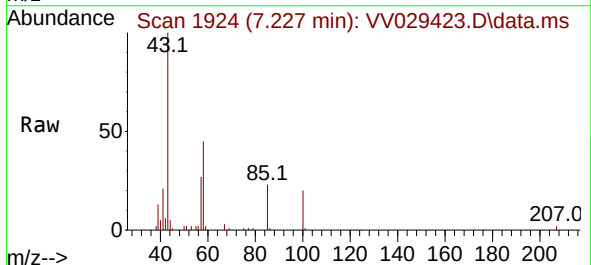
Tgt Ion: 43 Resp: 16713

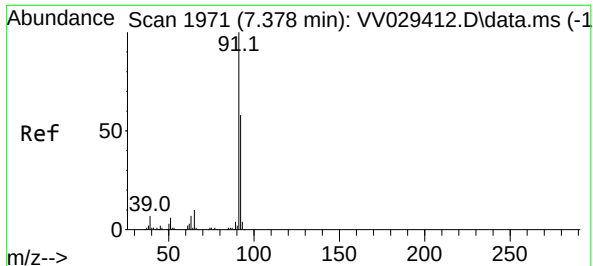
Ion Ratio Lower Upper

43 100

58 46.9 37.5 56.3

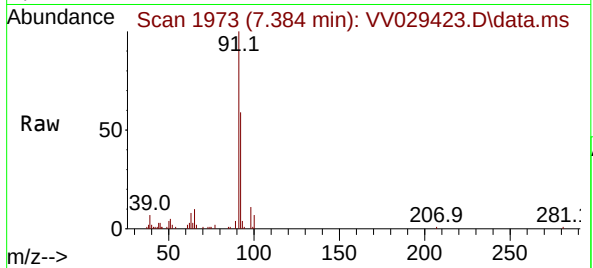
100 19.2 16.7 25.1





#42
Toluene
Concen: 2.165 ug/L
RT: 7.384 min Scan# 1971
Delta R.T. 0.007 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

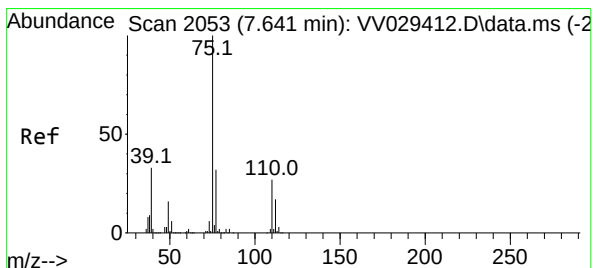
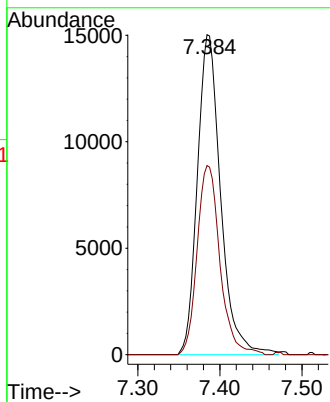
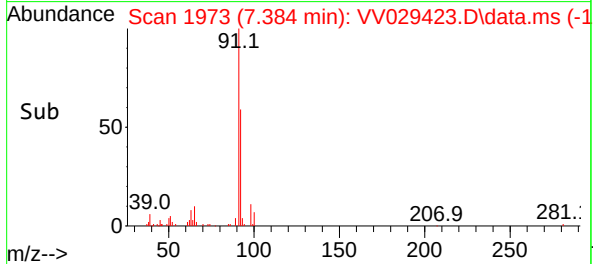
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 91 Resp: 2961
Ion Ratio Lower Upper
91 100
92 59.1 40.6 75.4

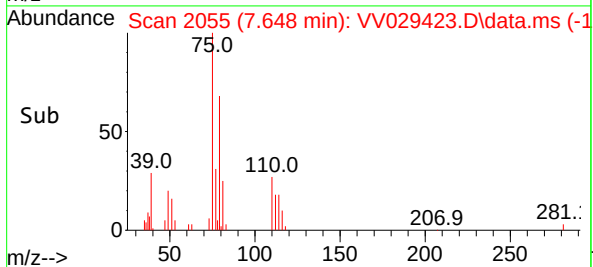
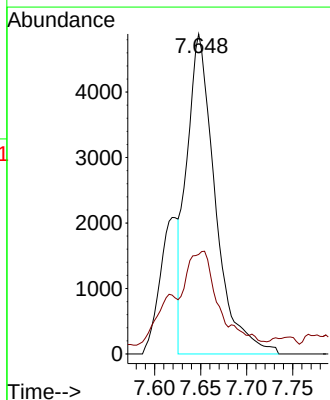
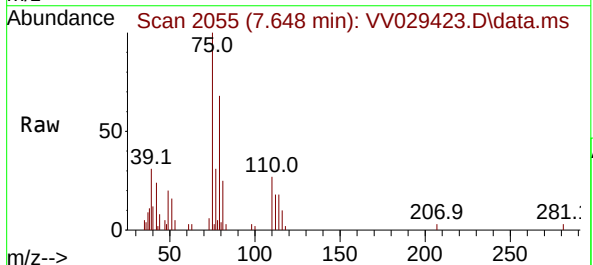
Manual Integrations
APPROVED

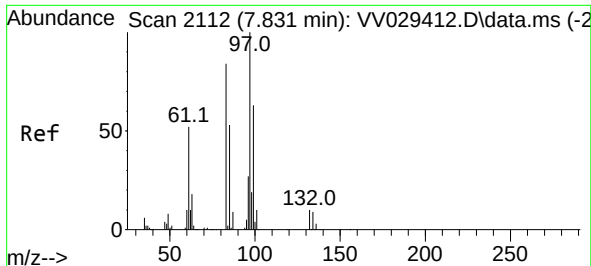
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#44
trans-1,3-Dichloropropene
Concen: 2.200 ug/L m
RT: 7.648 min Scan# 2055
Delta R.T. 0.007 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Tgt Ion: 75 Resp: 10507
Ion Ratio Lower Upper
75 100
77 31.1 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 2.084 ug/L

RT: 7.834 min Scan# 2112

Delta R.T. 0.003 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 97 Resp: 660

Ion Ratio Lower Upper

97 100

99 70.4 43.8 81.3

83 91.5 58.6 108.8

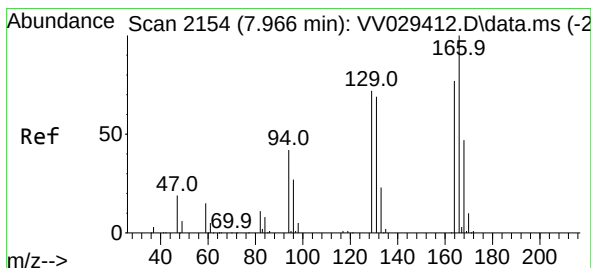
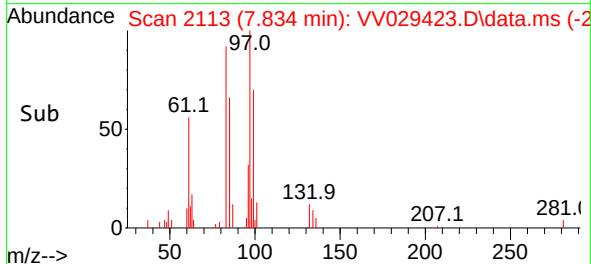
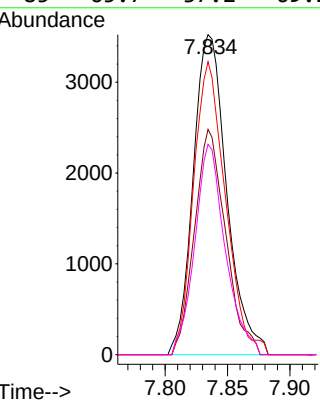
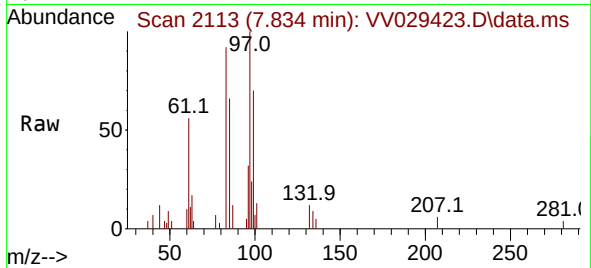
85 65.7 37.2 69.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#46

Tetrachloroethene

Concen: 2.210 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Tgt Ion:164 Resp: 5656

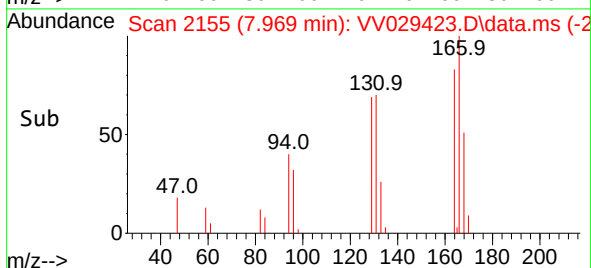
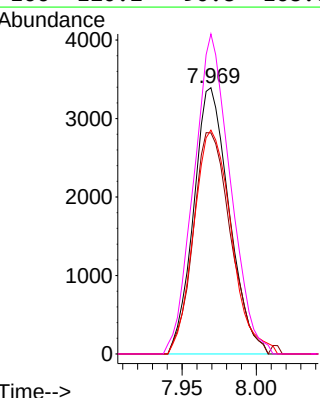
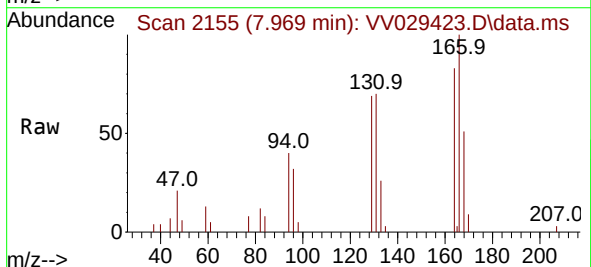
Ion Ratio Lower Upper

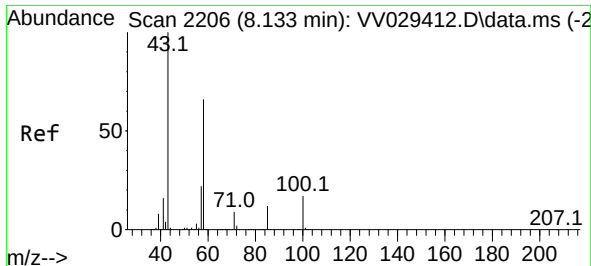
164 100

129 83.1 65.3 121.3

131 84.1 63.1 117.1

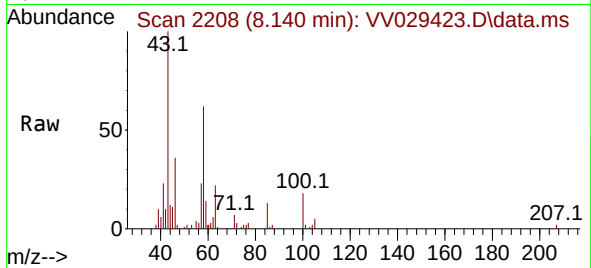
166 120.2 90.8 168.6





#48
2-Hexanone
Concen: 5.897 ug/L m
RT: 8.140 min Scan# 2206
Delta R.T. 0.007 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

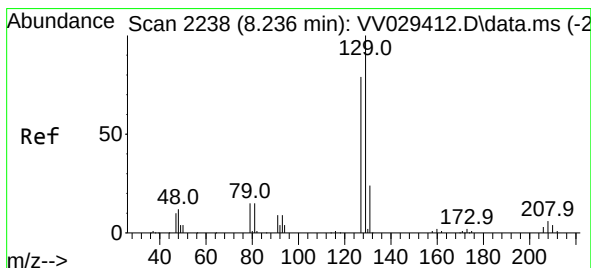
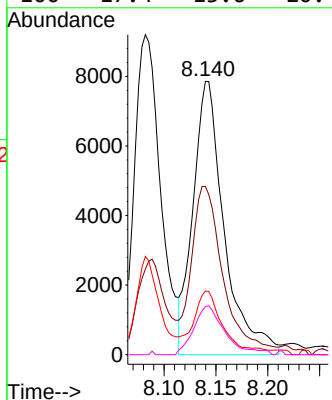
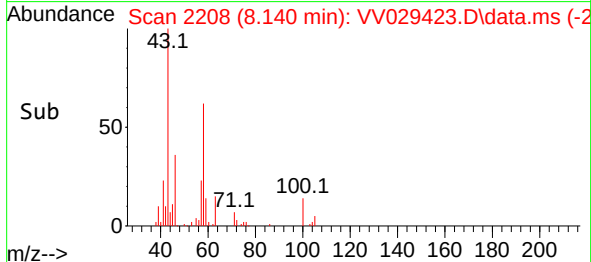
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 1647
Ion Ratio Lower Upper
43 100
58 63.1 54.1 81.1
57 16.6 17.4 26.0
100 17.4 13.6 20.4

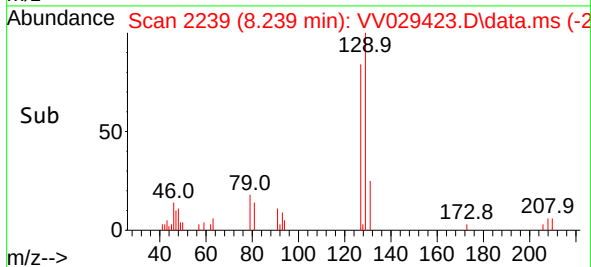
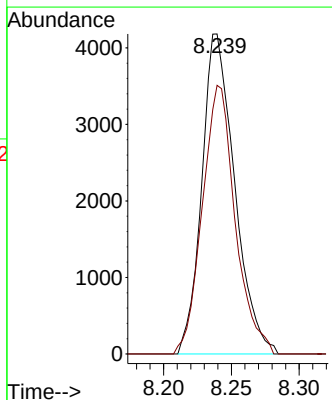
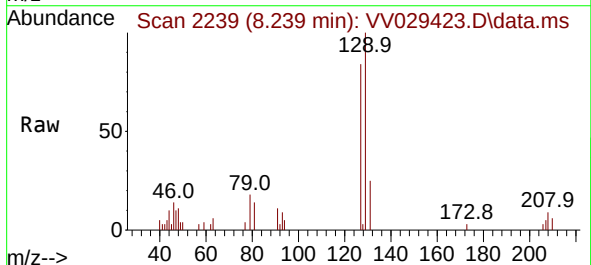
Manual Integrations
APPROVED

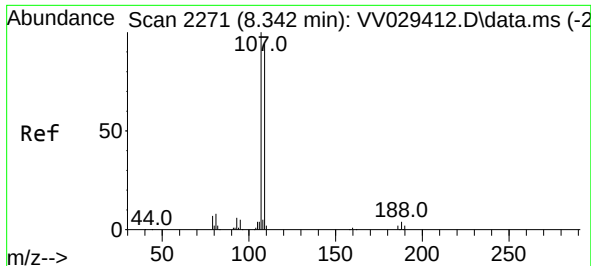
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#49
Dibromochloromethane
Concen: 2.016 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Tgt Ion:129 Resp: 7053
Ion Ratio Lower Upper
129 100
127 84.0 55.2 102.4





#50

1,2-Dibromoethane

Concen: 2.219 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

MDL02

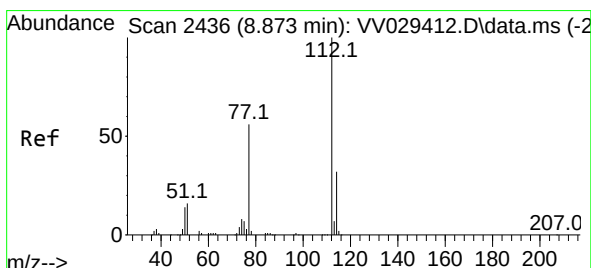
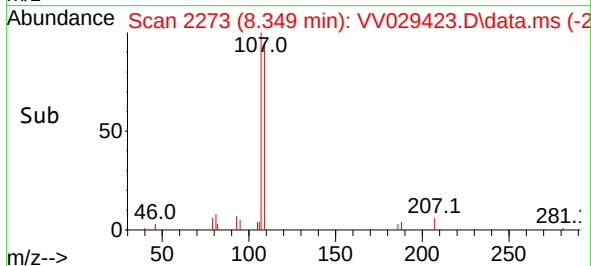
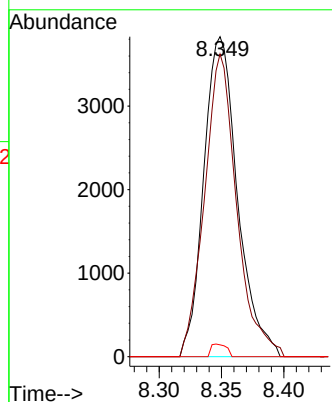
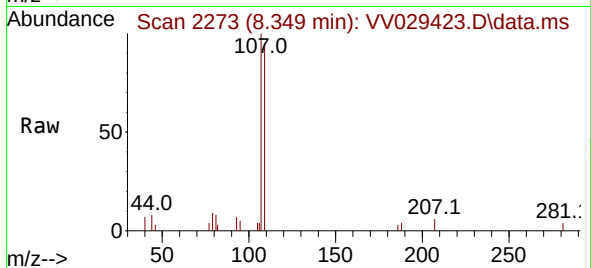
Tgt Ion:	107	Resp:	724
Ion	Ratio	Lower	Upper
107	100		
109	94.6	66.0	122.6
188	3.7	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#51

Chlorobenzene

Concen: 2.212 ug/L

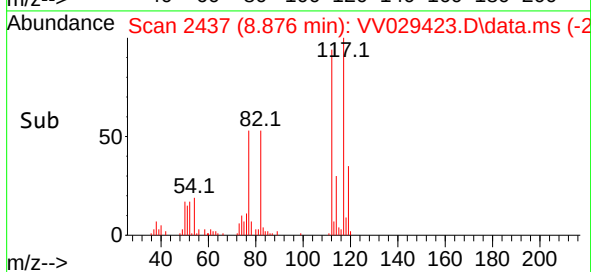
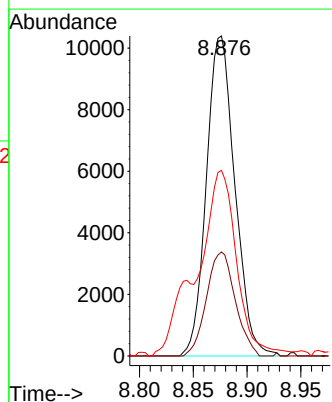
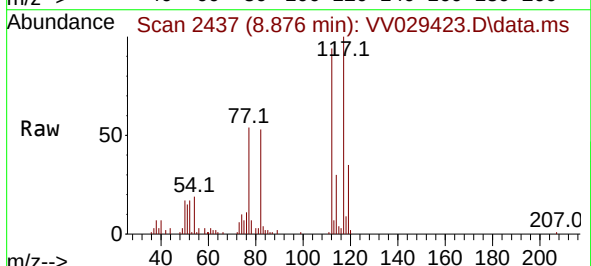
RT: 8.876 min Scan# 2437

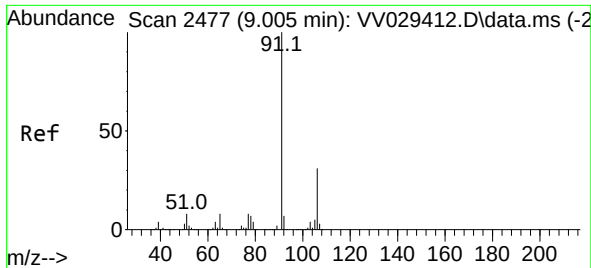
Delta R.T. 0.003 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Tgt Ion:	112	Resp:	19156
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.3	41.3
77	58.0	45.0	67.4





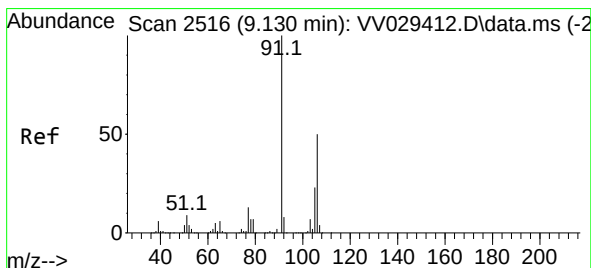
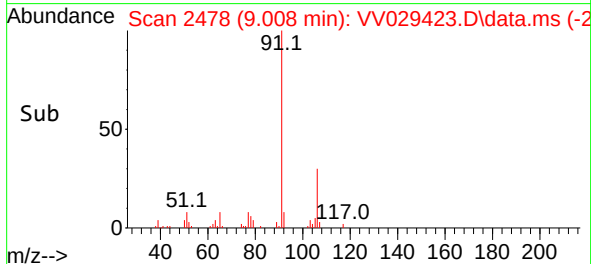
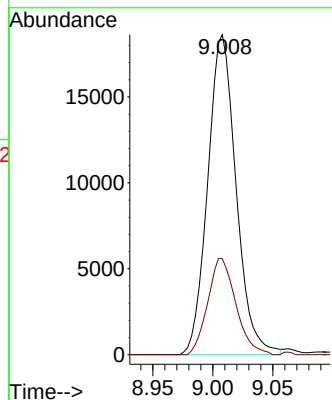
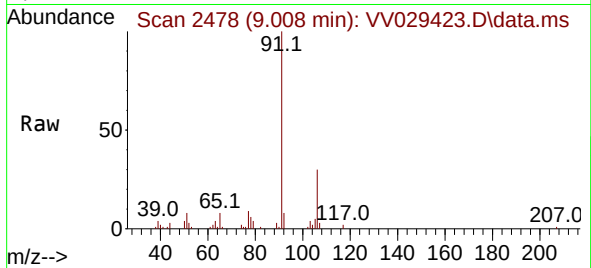
#52
Ethylbenzene
Concen: 2.133 ug/L
RT: 9.008 min Scan# 2477
Delta R.T. 0.003 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 3067
Ion Ratio Lower Upper
91 100
106 30.0 21.8 40.6

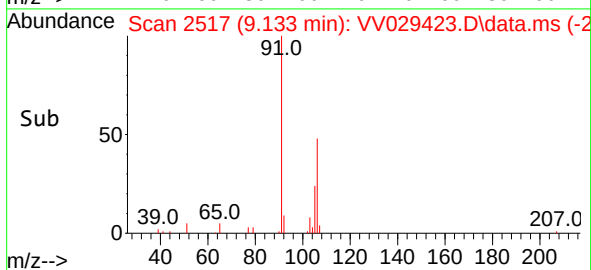
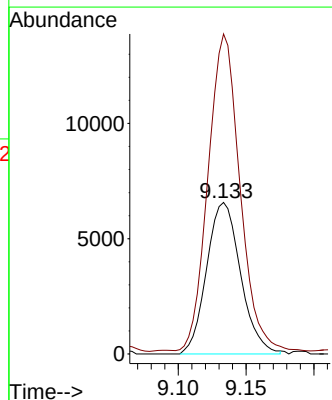
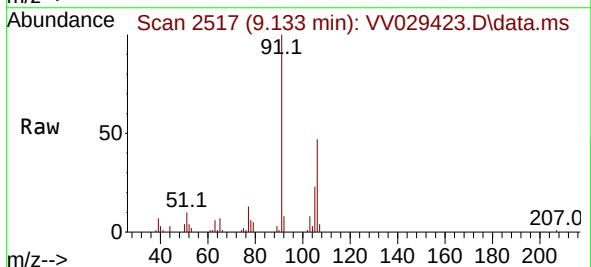
Manual Integrations
APPROVED

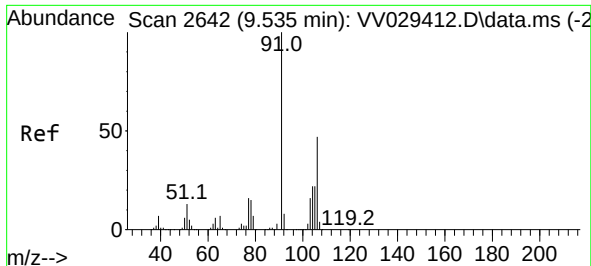
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#53
m,p-Xylene
Concen: 2.011 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Tgt Ion:106 Resp: 11446
Ion Ratio Lower Upper
106 100
91 211.2 139.5 259.1





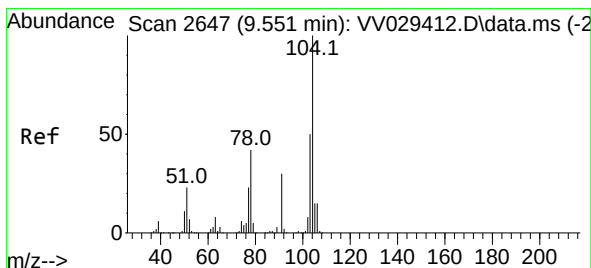
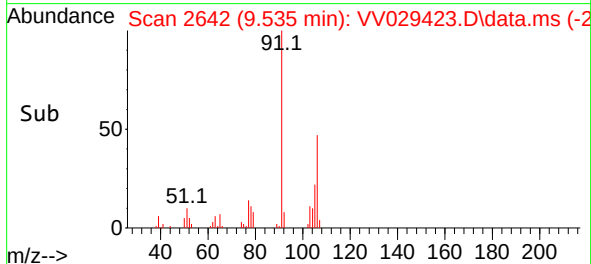
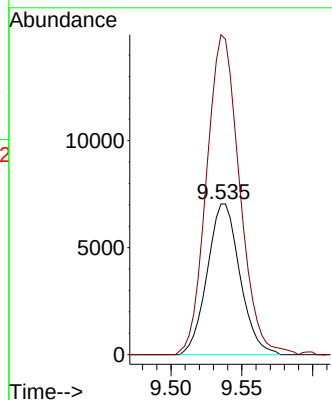
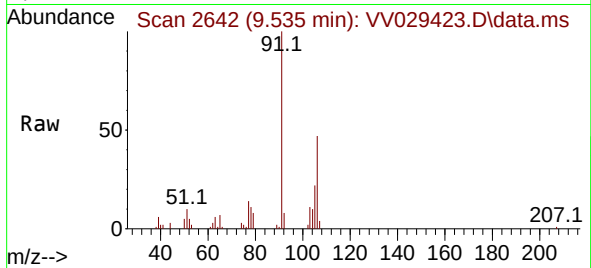
#54
o-Xylene
Concen: 2.006 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 1129
Ion Ratio Lower Upper
106 100
91 212.3 148.0 274.8

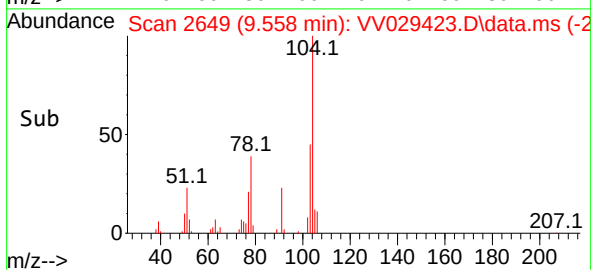
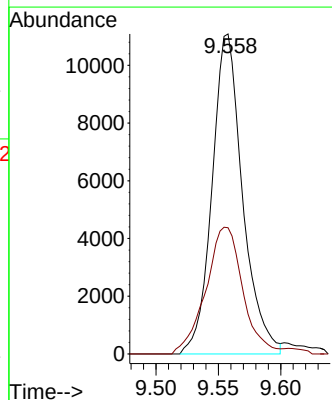
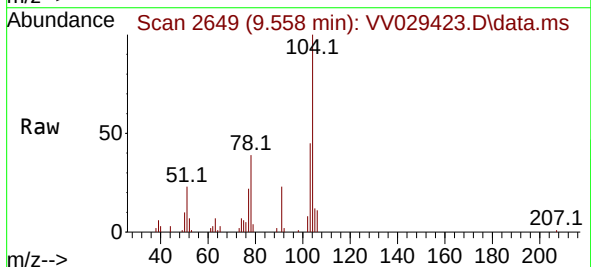
Manual Integrations
APPROVED

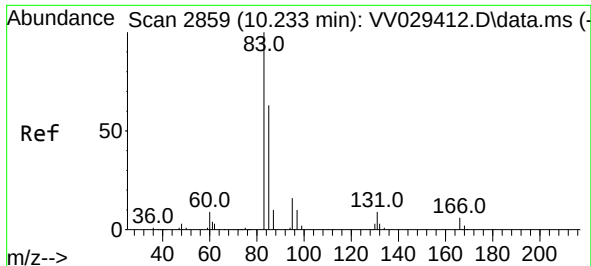
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#55
Styrene
Concen: 1.934 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.007 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Tgt Ion:104 Resp: 18914
Ion Ratio Lower Upper
104 100
78 39.4 29.4 54.6





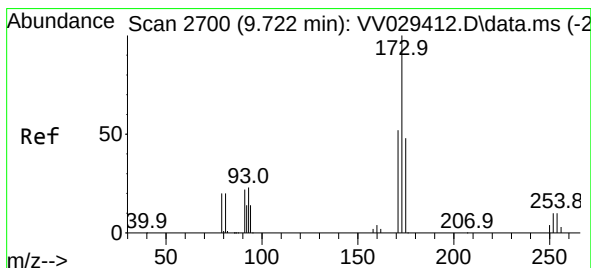
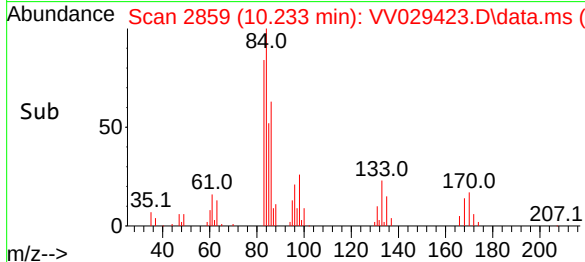
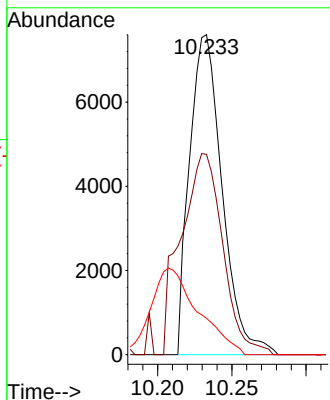
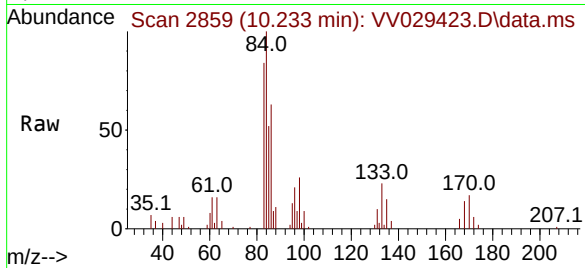
#57
1,1,2,2-Tetrachloroethane
Concen: 2.293 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Instrument : MSVOA_V
ClientSampleId : MDL02

Tgt Ion: 83 Resp: 1162
Ion Ratio Lower Upper
83 100
85 62.6 45.7 84.9
131 11.4 7.9 11.9

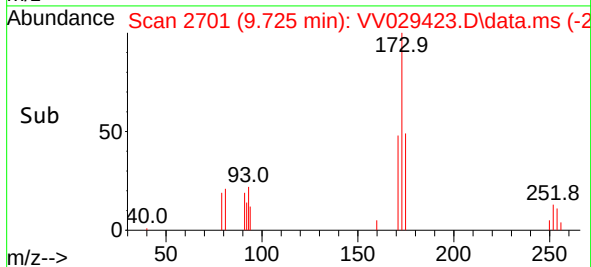
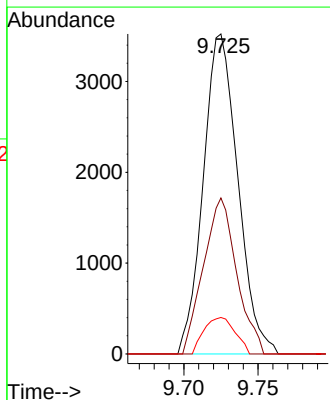
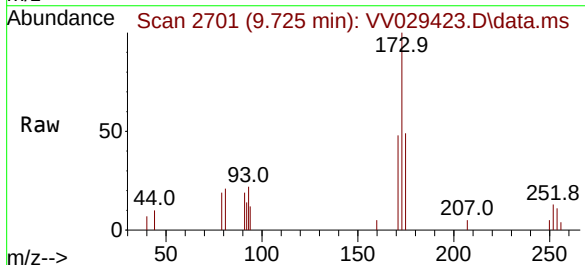
Manual Integrations
APPROVED

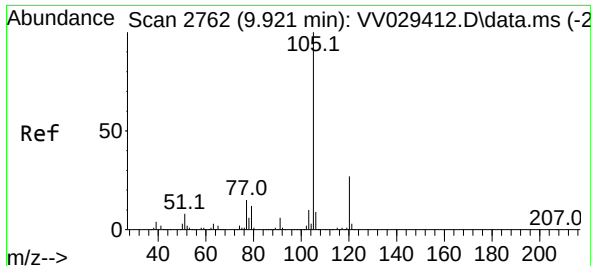
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#59
Bromoform
Concen: 2.225 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Tgt Ion:173 Resp: 5701
Ion Ratio Lower Upper
173 100
175 46.8 38.4 57.6
254 10.2 7.8 11.8





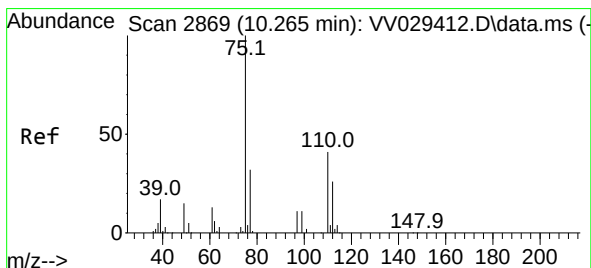
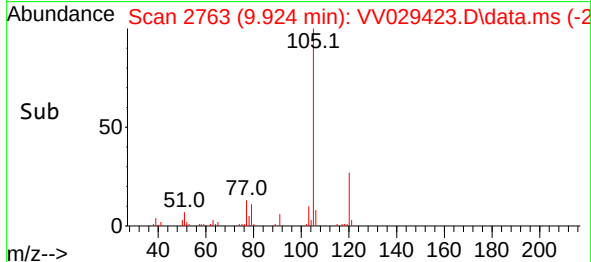
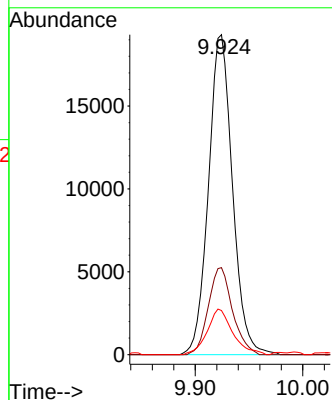
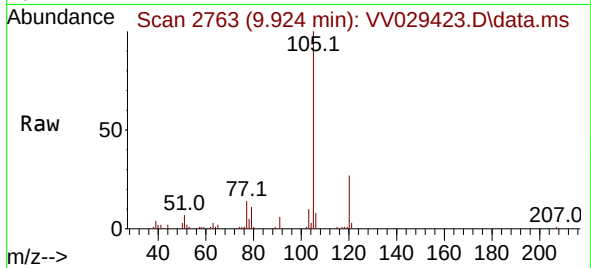
#60
Isopropylbenzene
Concen: 2.197 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.003 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 2992
Ion Ratio Lower Upper
105 100
120 27.3 21.1 31.7
77 15.2 11.6 17.4

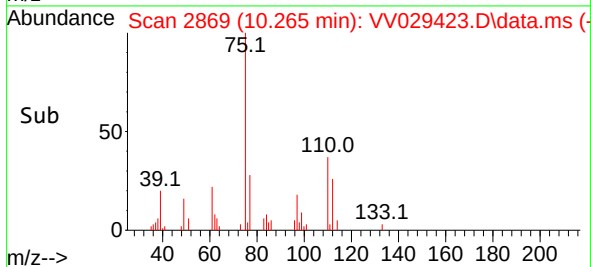
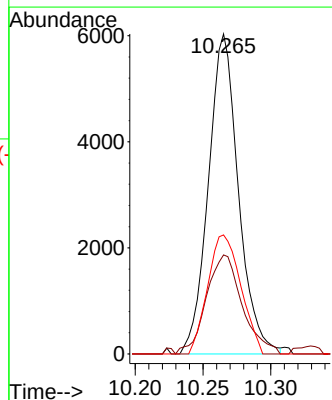
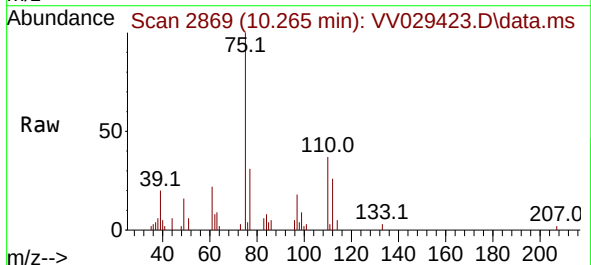
Manual Integrations
APPROVED

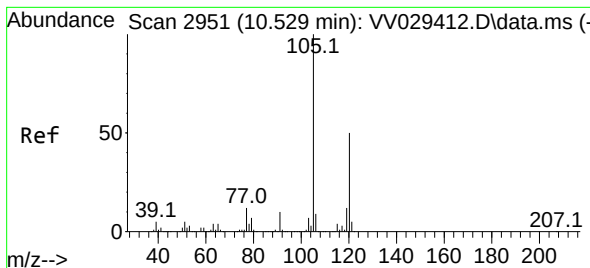
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#61
1,2,3-Trichloropropane
Concen: 2.601 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

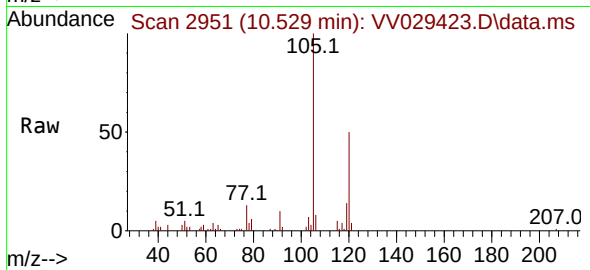
Tgt Ion: 75 Resp: 9312
Ion Ratio Lower Upper
75 100
77 36.9 25.4 38.2
110 40.8 32.7 49.1





#62
1,3,5-Trimethylbenzene
Concen: 2.143 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

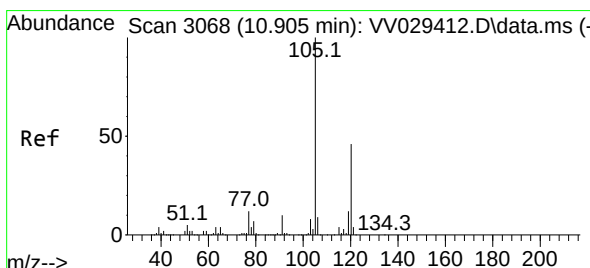
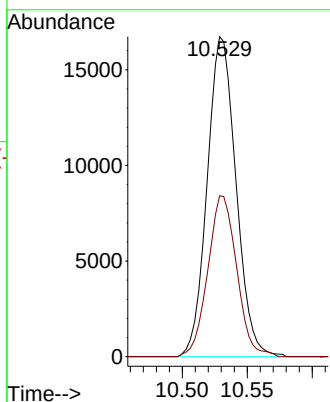
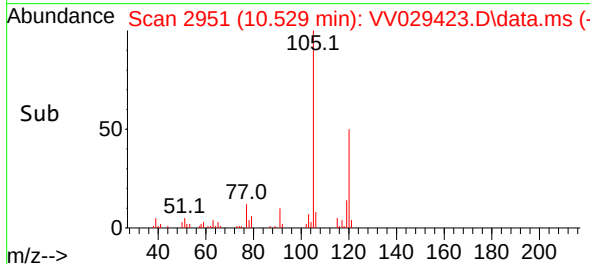
Instrument :
MSVOA_V
ClientSampleId :
MDL02



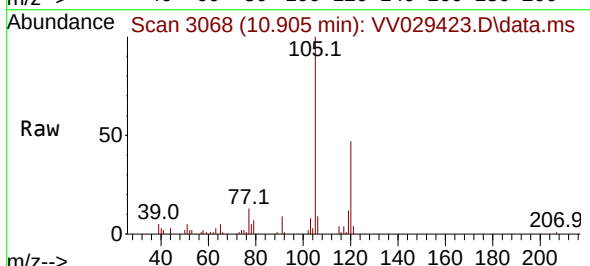
Tgt Ion:105 Resp: 25808
Ion Ratio Lower Upper
105 100
120 50.4 40.0 60.0

Manual Integrations
APPROVED

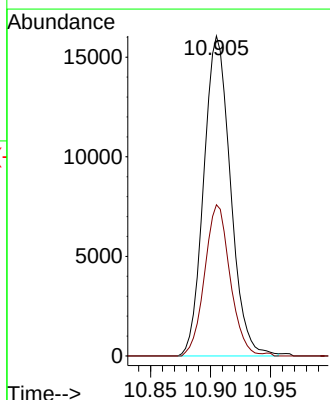
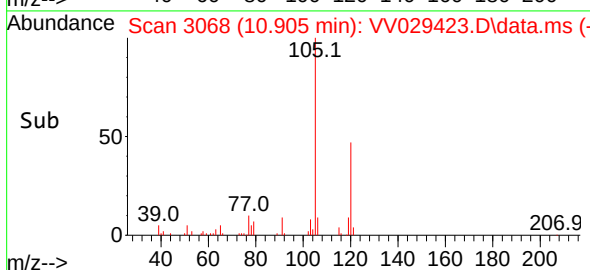
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

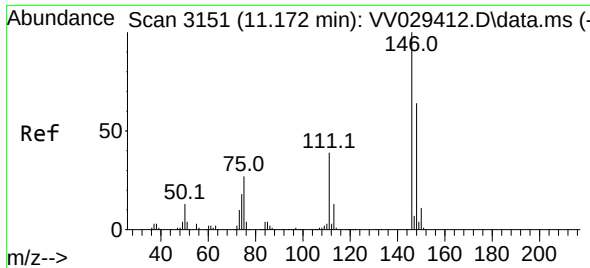


#63
1,2,4-Trimethylbenzene
Concen: 2.086 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33



Tgt Ion:105 Resp: 24893
Ion Ratio Lower Upper
105 100
120 44.9 36.7 55.1





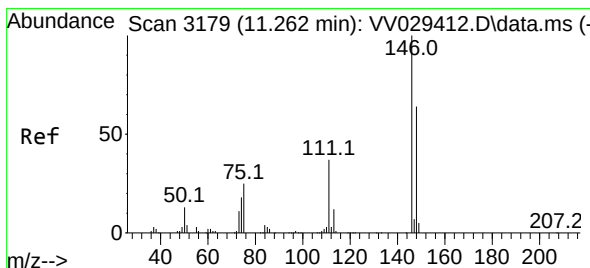
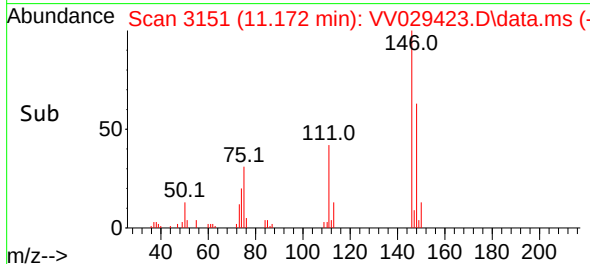
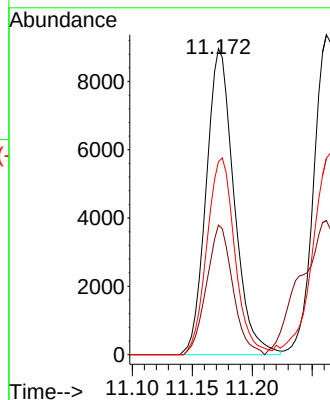
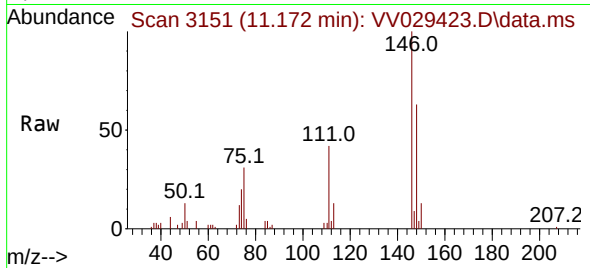
#64
1,3-Dichlorobenzene
Concen: 2.175 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:146 Resp: 1448
Ion Ratio Lower Upper
146 100
111 42.3 27.4 51.0
148 63.0 44.6 82.8

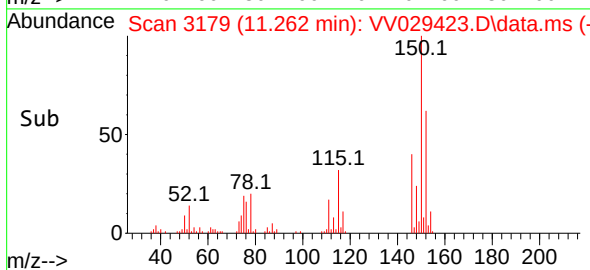
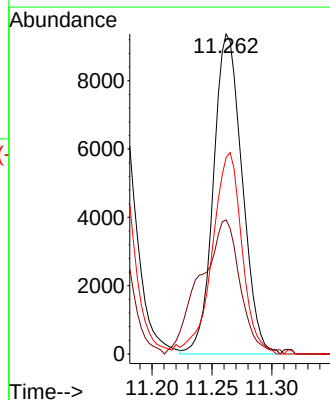
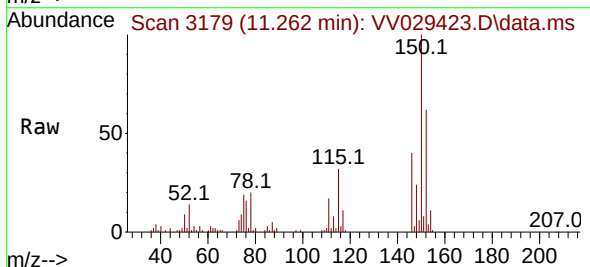
Manual Integrations
APPROVED

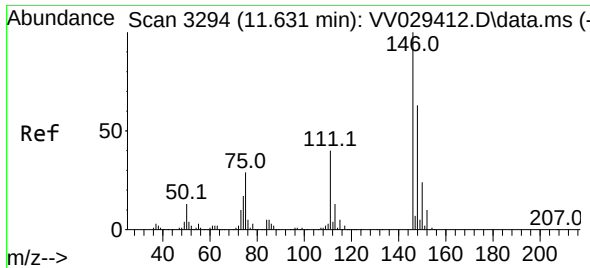
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#65
1,4-Dichlorobenzene
Concen: 2.303 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

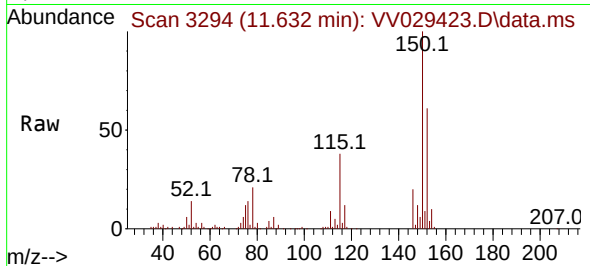
Tgt Ion:146 Resp: 15582
Ion Ratio Lower Upper
146 100
111 41.9 26.2 48.8
148 61.4 44.7 83.1





#67
1,2-Dichlorobenzene
Concen: 2.375 ug/L
RT: 11.632 min Scan# 3294
Delta R.T. 0.000 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33

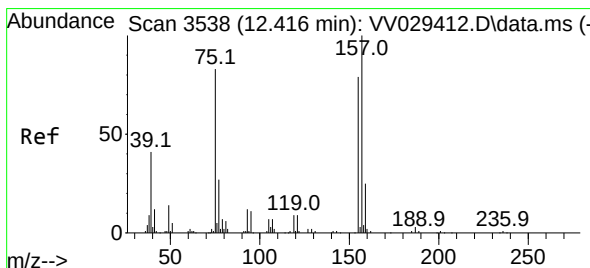
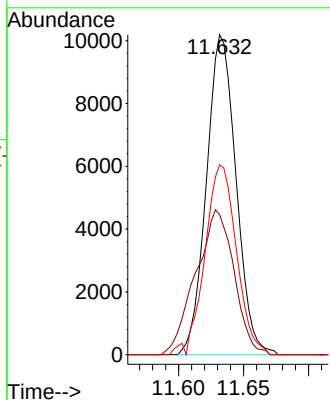
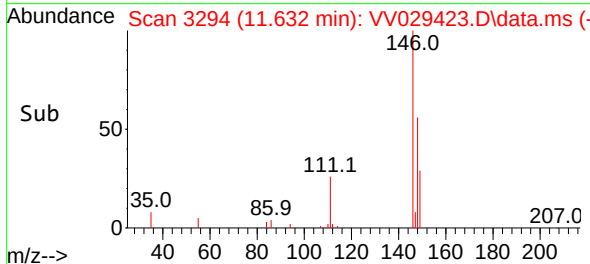
Instrument :
MSVOA_V
ClientSampleId :
MDL02



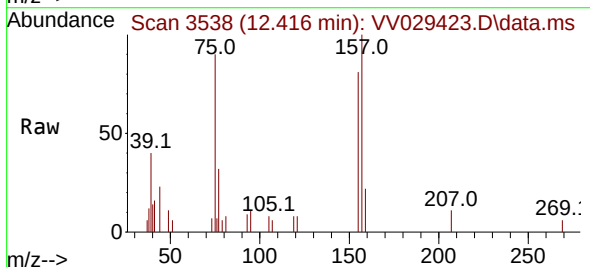
Tgt Ion:146 Resp: 1617
Ion Ratio Lower Upper
146 100
111 43.7 32.0 48.0
148 59.3 50.6 76.0

Manual Integrations
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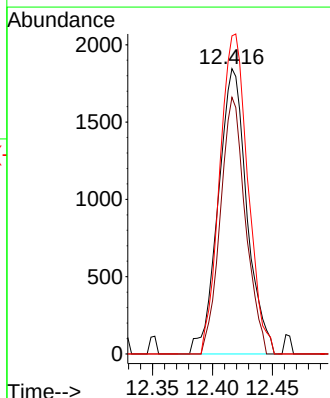
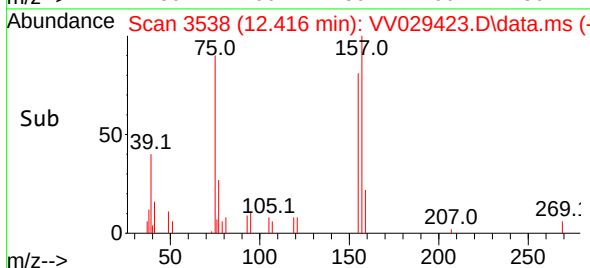
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

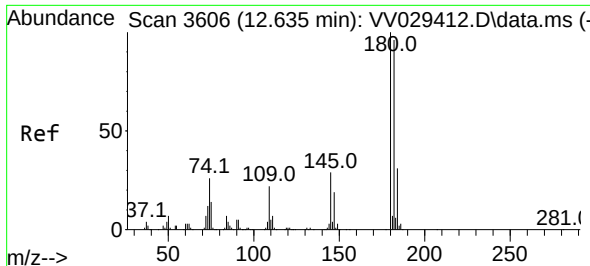


#68
1,2-Dibromo-3-chloropropane
Concen: 2.753 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029423.D
Acq: 07 Dec 2022 17:33



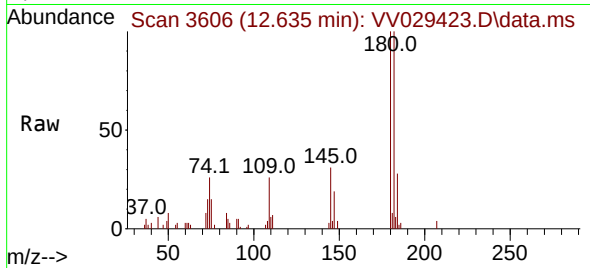
Tgt Ion: 75 Resp: 3063
Ion Ratio Lower Upper
75 100
155 90.0 76.2 114.2
157 111.5 96.0 144.0





#69
 1,3,5-Trichlorobenzene
 Concen: 2.084 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV029423.D
 Acq: 07 Dec 2022 17:33

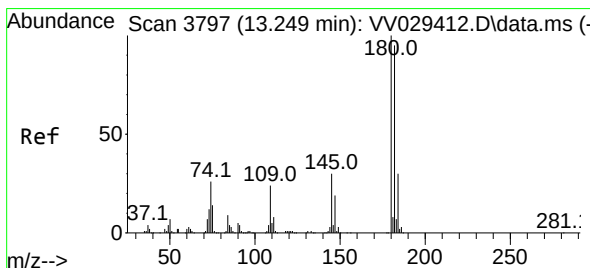
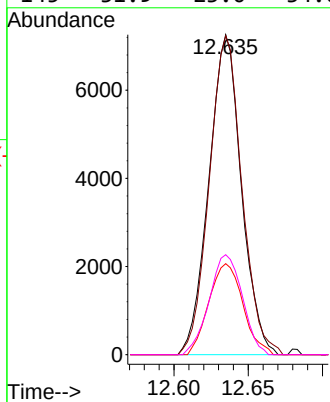
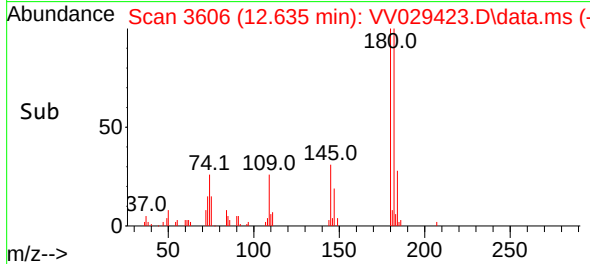
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02



Tgt Ion:180	Resp:	1104
Ion Ratio	Lower	Upper
180	100	
182	99.9	76.5 114.7
184	29.8	24.6 36.8
145	31.9	23.0 34.6

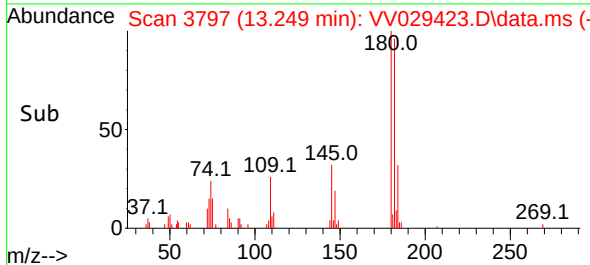
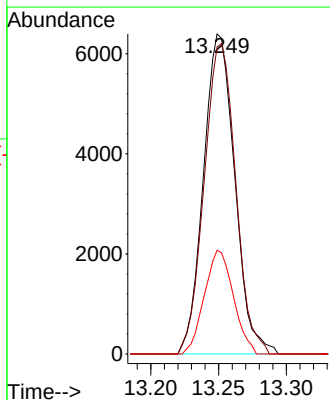
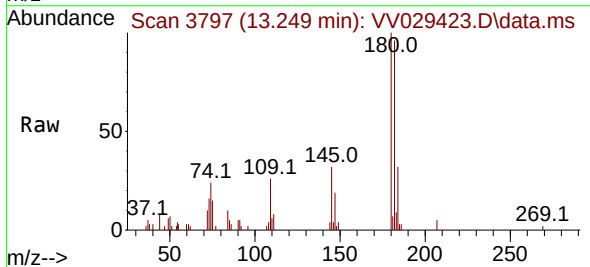
Manual Integrations
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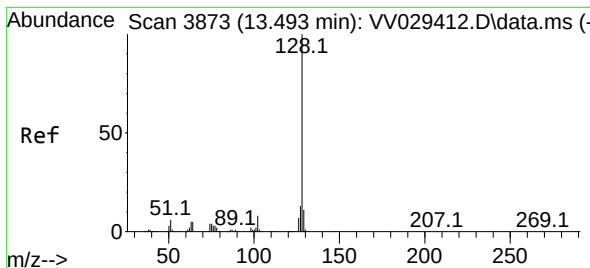
Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#70
 1,2,4-trichlorobenzene
 Concen: 2.182 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029423.D
 Acq: 07 Dec 2022 17:33

Tgt Ion:180	Resp:	10280
Ion Ratio	Lower	Upper
180	100	
182	97.3	76.3 114.5
145	30.0	23.7 35.5





#71

Naphthalene

Concen: 2.304 ug/L m

RT: 13.496 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Instrument :

MSVOA_V

ClientSampleId :

MDL02

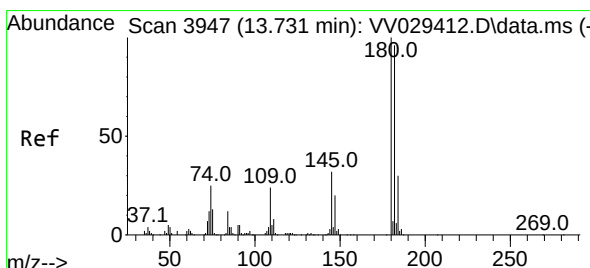
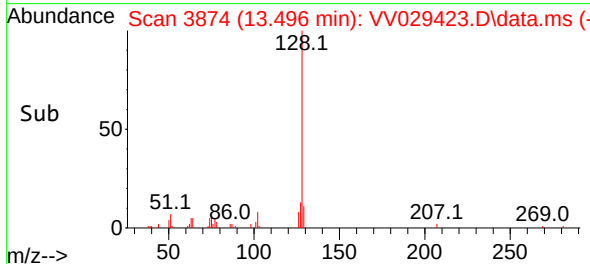
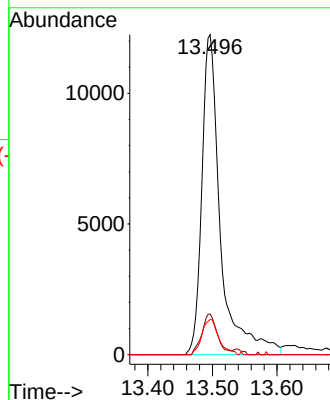
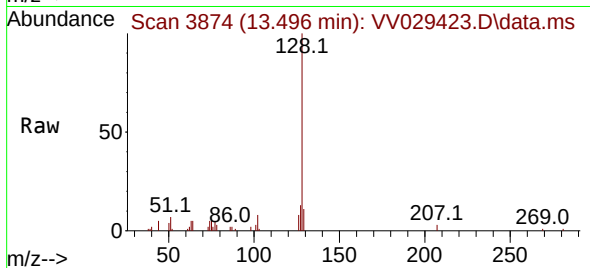
Tgt Ion:	128	Resp:	2462
Ion Ratio	Lower	Upper	
128	100		
127	10.6	10.2	15.4
129	10.0	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#72

1,2,3-Trichlorobenzene

Concen: 2.283 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029423.D

Acq: 07 Dec 2022 17:33

Tgt Ion:	180	Resp:	10537
Ion Ratio	Lower	Upper	
180	100		
182	91.8	76.4	114.6
145	31.3	25.0	37.6

