

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029422.D
 Acq On : 07 Dec 2022 17:10
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 01:34:18 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	541239	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	486828	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	249568	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	137991	41.635	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.260%
7) Chloroethane-d5	1.561	69	111469	44.107	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.220%
11) 1,1-Dichloroethene-d2	2.105	63	174477	33.752	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.500%
21) 2-Butanone-d5	3.867	46	212334	105.021	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.020%
24) Chloroform-d	4.339	84	276487	44.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.660%
26) 1,2-Dichloroethane-d4	5.024	65	168351	47.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
32) Benzene-d6	5.043	84	601168	46.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.460%
36) 1,2-Dichloropropane-d6	6.063	67	188642	48.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.020%
41) Toluene-d8	7.307	98	552408	45.577	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.160%
43) trans-1,3-Dichloroprop...	7.612	79	89488	45.102	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.200%
47) 2-Hexanone-d5	8.082	63	175399	104.536	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.540%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	266591	47.479	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.960%
66) 1,2-Dichlorobenzene-d4	11.612	152	221297	46.581	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	8836	2.073	ug/L	97
3) Chloromethane	1.240	50	11019	2.267	ug/L	100
5) Vinyl chloride	1.307	62	8879	2.183	ug/L #	73
6) Bromomethane	1.516	94	4314	2.636	ug/L	99
8) Chloroethane	1.581	64	5095	2.250	ug/L	93
9) Trichlorofluoromethane	1.748	101	10920	2.145	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	7648	2.704	ug/L #	79
12) 1,1-Dichloroethene	2.111	96	7420	2.565	ug/L #	1
13) Acetone	2.156	43	6368	4.835	ug/L	90
14) Carbon disulfide	2.291	76	20979	2.179	ug/L	98
15) Methyl Acetate	2.429	43	6944	2.314	ug/L	95
16) Methylene chloride	2.503	84	9796	2.723	ug/L	93
17) trans-1,2-Dichloroethene	2.757	96	6695	2.008	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	21615	2.116	ug/L	99
19) 1,1-Dichloroethane	3.182	63	12299	2.154	ug/L	94
20) cis-1,2-Dichloroethene	3.908	96	8088	2.206	ug/L	94
22) 2-Butanone	3.979	43	10357m	4.942	ug/L	
23) Bromochloromethane	4.246	128	3602	1.908	ug/L #	82
25) Chloroform	4.365	83	12717	2.148	ug/L	96

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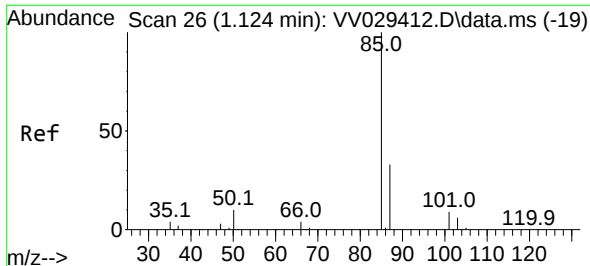
Manual Integrations
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Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

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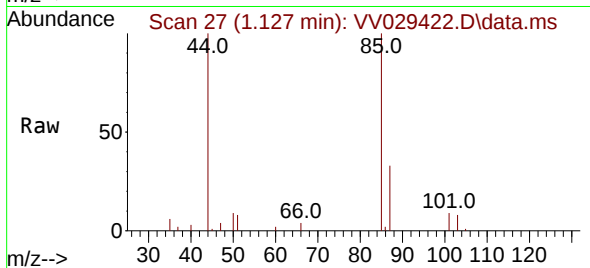
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	9588	2.293	ug/L	99
29) Cyclohexane	4.670	56	11632	2.206	ug/L	95
30) 1,1,1-Trichloroethane	4.603	97	11101	2.093	ug/L	98
31) Carbon tetrachloride	4.822	117	9931	2.144	ug/L	100
33) Benzene	5.098	78	28697	2.091	ug/L	100
34) Trichloroethene	5.912	95	7506	2.183	ug/L	96
35) Methylcyclohexane	6.127	83	13050	2.235	ug/L	96
37) 1,2-Dichloropropane	6.172	63	7465	2.254	ug/L #	92
38) Bromodichloromethane	6.506	83	9639	2.108	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	10940	2.008	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	17191	4.353	ug/L	97
42) Toluene	7.384	91	32105	2.174	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	11439m	2.218	ug/L	
45) 1,1,2-Trichloroethane	7.834	97	7076	2.068	ug/L	91
46) Tetrachloroethene	7.969	164	5880	2.127	ug/L	96
48) 2-Hexanone	8.137	43	18023m	5.974	ug/L	
49) Dibromochloromethane	8.239	129	7868	2.083	ug/L	95
50) 1,2-Dibromoethane	8.349	107	7431	2.108	ug/L	96
51) Chlorobenzene	8.876	112	20391	2.180	ug/L	97
52) Ethylbenzene	9.005	91	31908	2.055	ug/L	99
53) m,p-Xylene	9.133	106	12435	2.023	ug/L	91
54) o-Xylene	9.535	106	12737	2.095	ug/L	90
55) Styrene	9.555	104	20336	1.925	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.233	83	12411	2.268	ug/L	95
59) Bromoform	9.722	173	5986	2.171	ug/L	98
60) Isopropylbenzene	9.924	105	31542	2.153	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	9480	2.461	ug/L	96
62) 1,3,5-Trimethylbenzene	10.529	105	27457	2.119	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	27083	2.109	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	16160	2.256	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	16515	2.268	ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	16019	2.187	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.416	75	2946	2.461	ug/L	93
69) 1,3,5-Trichlorobenzene	12.635	180	11967	2.099	ug/L	94
70) 1,2,4-trichlorobenzene	13.249	180	10445	2.060	ug/L	98
71) Naphthalene	13.497	128	20547m	1.787	ug/L	
72) 1,2,3-Trichlorobenzene	13.731	180	10182	2.050	ug/L	97

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



#2
 Dichlorodifluoromethane
 Concen: 2.073 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029422.D
 Acq: 07 Dec 2022 17:10

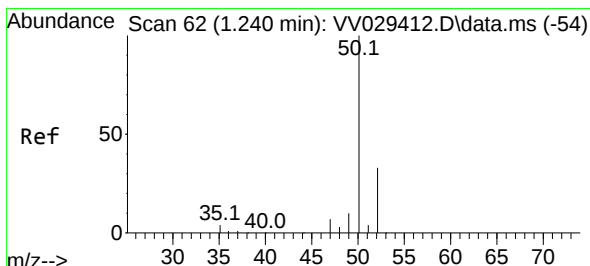
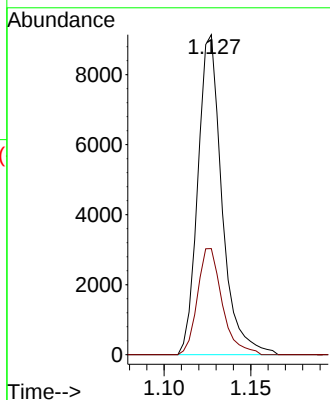
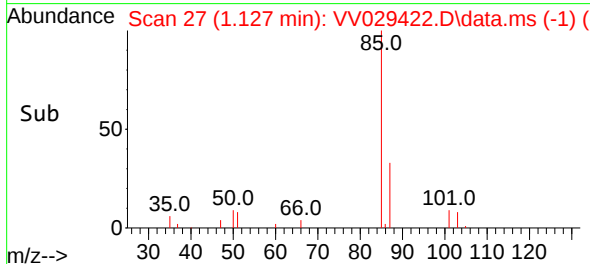
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01



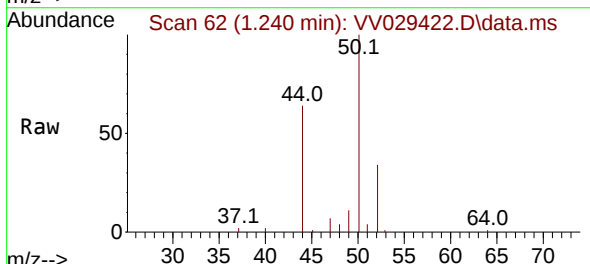
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 Ion Ratio Lower Upper
 85 100
 87 34.1 25.9 38.9

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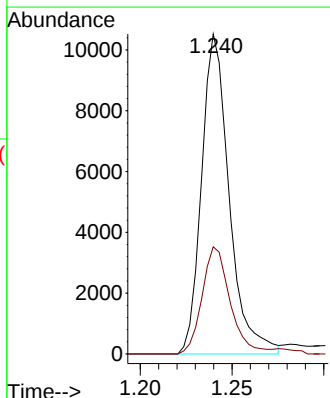
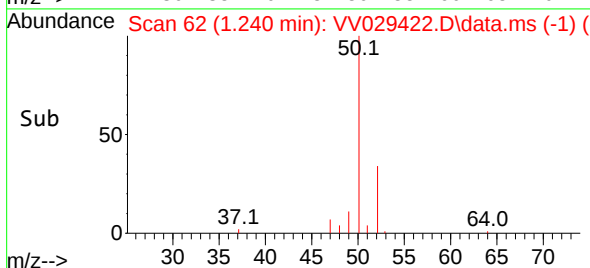
Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

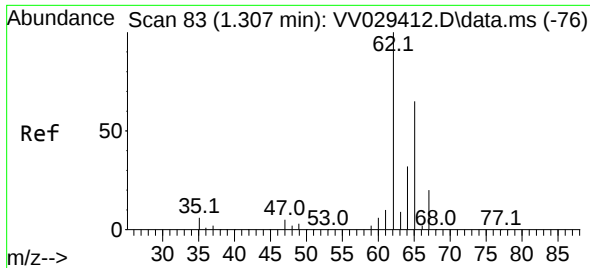


#3
 Chloromethane
 Concen: 2.267 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029422.D
 Acq: 07 Dec 2022 17:10



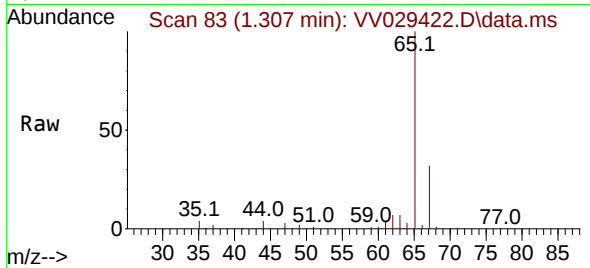
Tgt Ion: 50 Resp: 11019
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.3 43.3





#5
 Vinyl chloride
 Concen: 2.183 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV029422.D
 Acq: 07 Dec 2022 17:10

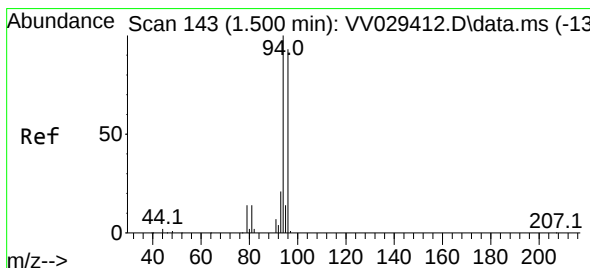
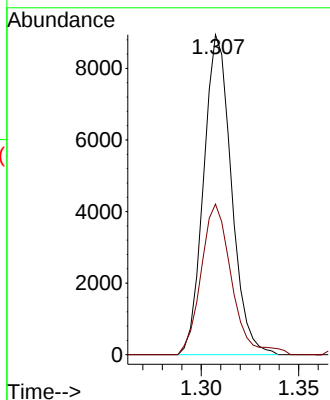
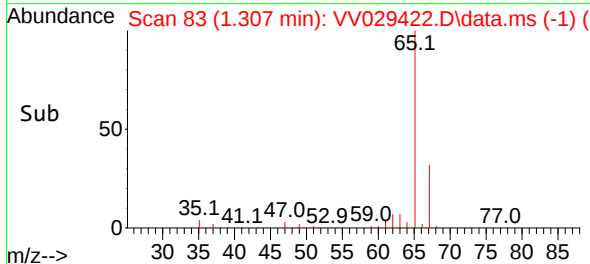
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01



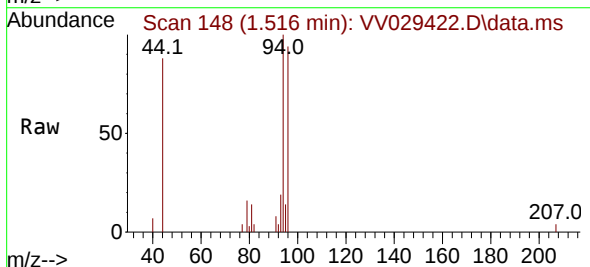
Tgt Ion: 62 Resp: 8879
 Ion Ratio Lower Upper
 62 100
 64 47.1 22.5 41.9

Manual Integrations
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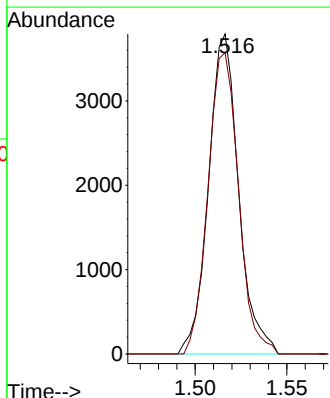
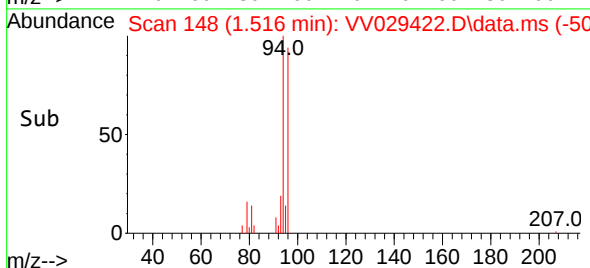
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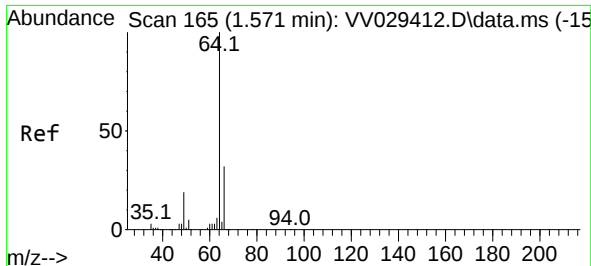


#6
 Bromomethane
 Concen: 2.636 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.016 min
 Lab File: VV029422.D
 Acq: 07 Dec 2022 17:10



Tgt Ion: 94 Resp: 4314
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.1 120.9





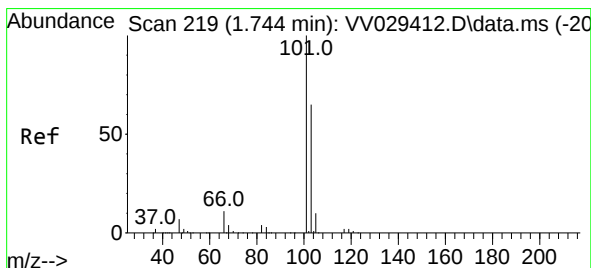
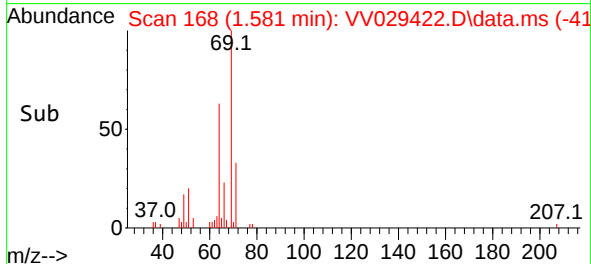
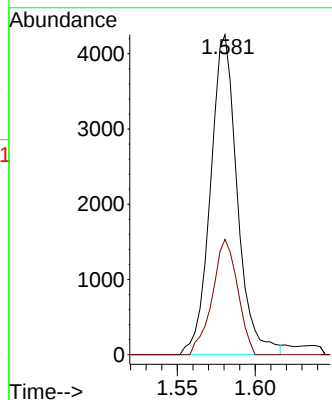
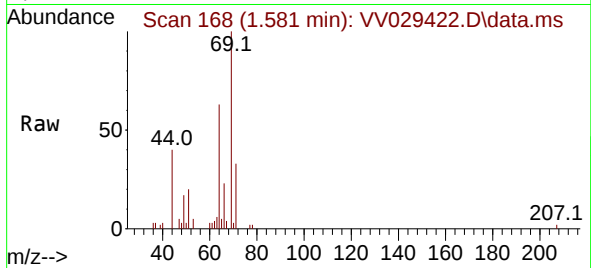
#8
Chloroethane
Concen: 2.250 ug/L
RT: 1.581 min Scan# 10
Delta R.T. 0.010 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 64 Resp: 509
Ion Ratio Lower Upper
64 100
66 36.1 22.5 41.9

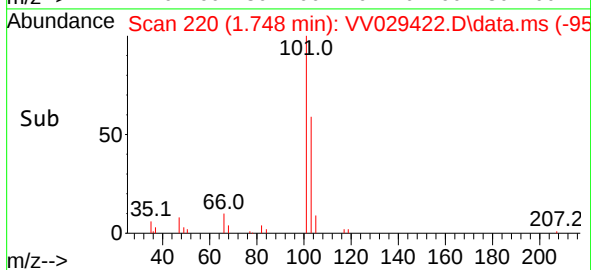
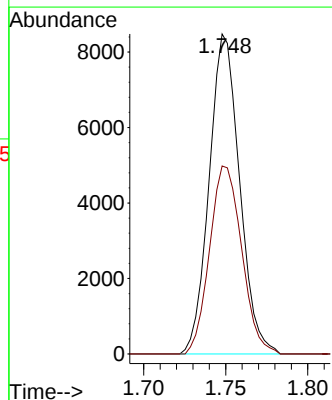
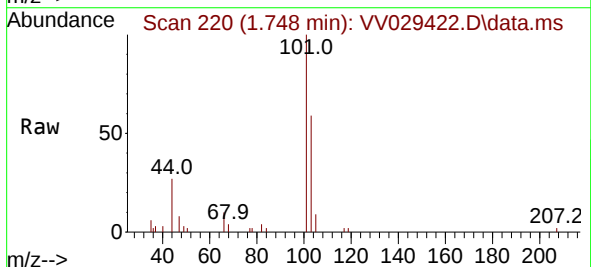
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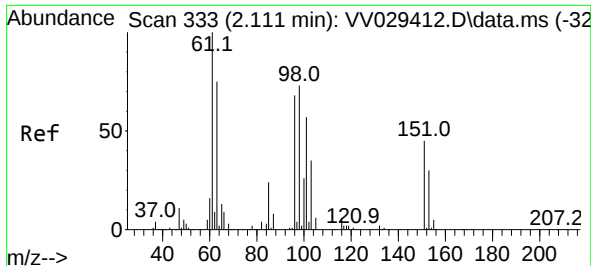
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#9
Trichlorofluoromethane
Concen: 2.145 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Tgt Ion:101 Resp: 10920
Ion Ratio Lower Upper
101 100
103 62.0 51.8 77.8





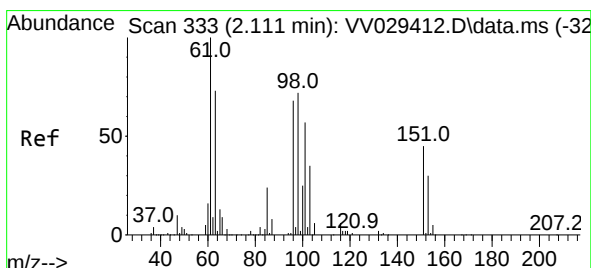
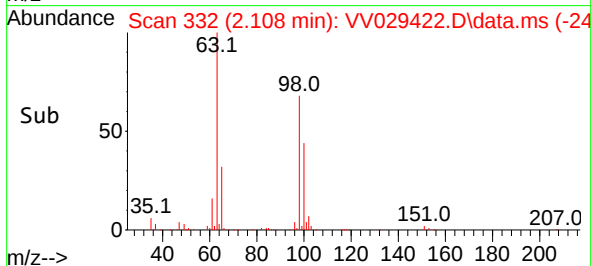
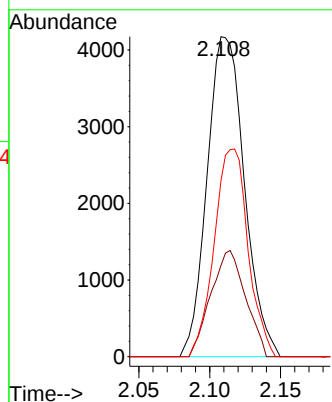
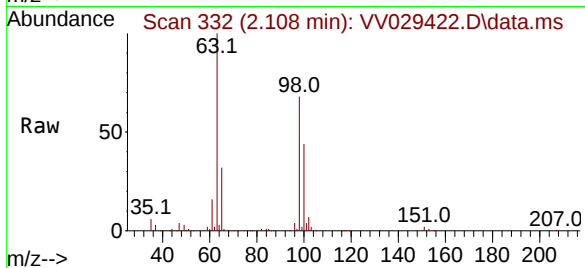
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.704 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:101 Resp: 7648
Ion Ratio Lower Upper
101 100
85 30.9 33.6 50.4
151 58.8 63.5 95.3

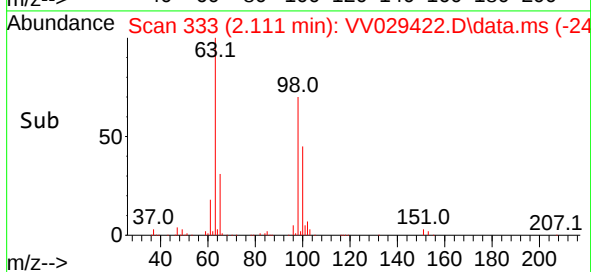
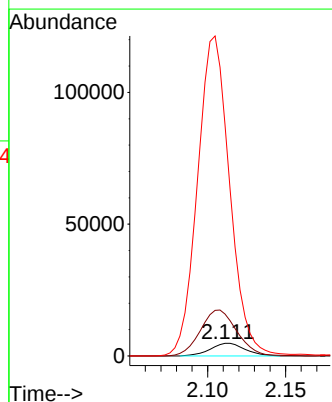
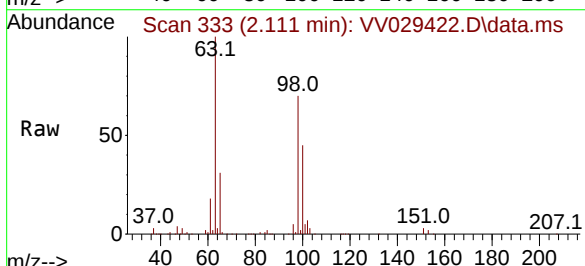
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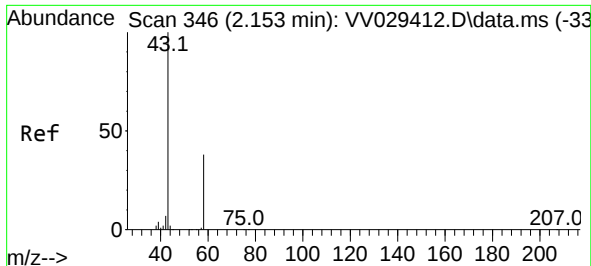
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#12
1,1-Dichloroethene
Concen: 2.565 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Tgt Ion: 96 Resp: 7420
Ion Ratio Lower Upper
96 100
61 332.5 103.3 191.9#
63 1832.4 77.3 143.7#





#13

Acetone

Concen: 4.835 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV029422.D

Acq: 07 Dec 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 43 Resp: 636

Ion Ratio Lower Upper

43 100

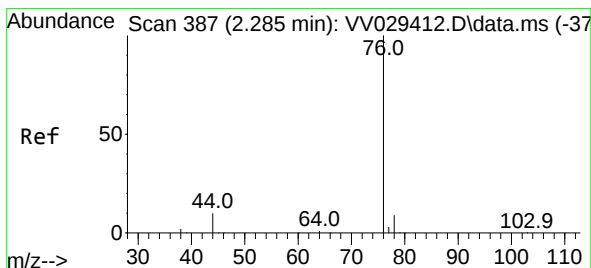
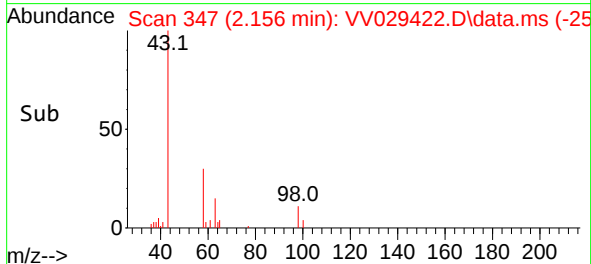
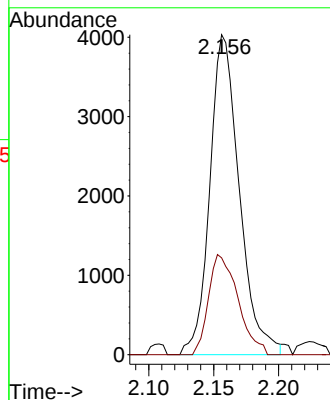
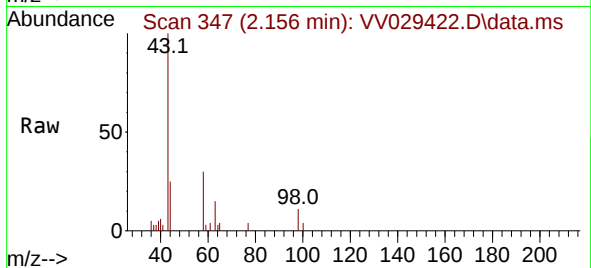
58 31.2 0.0 74.8

Manual Integrations

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Supervised By :Mahesh Dadoda 12/08/2022



#14

Carbon disulfide

Concen: 2.179 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.007 min

Lab File: VV029422.D

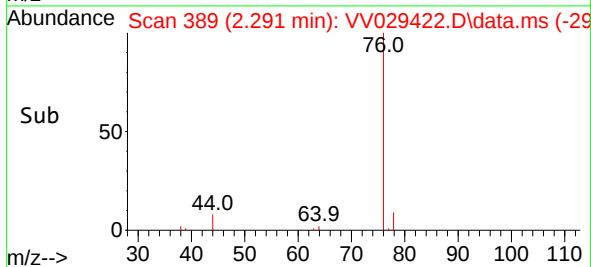
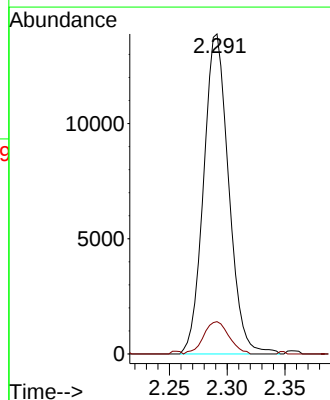
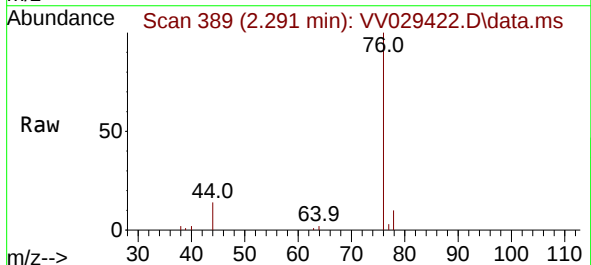
Acq: 07 Dec 2022 17:10

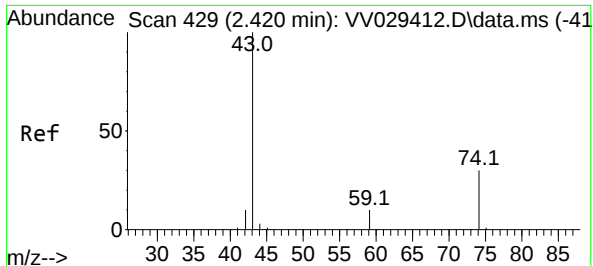
Tgt Ion: 76 Resp: 20979

Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.2





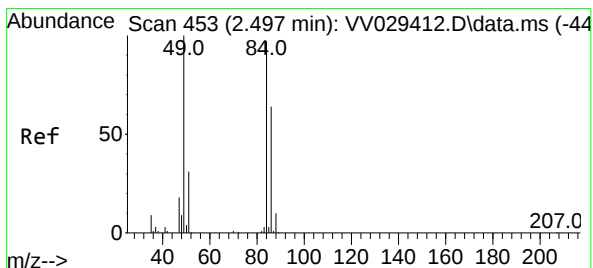
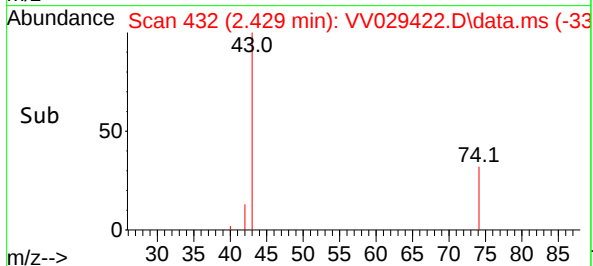
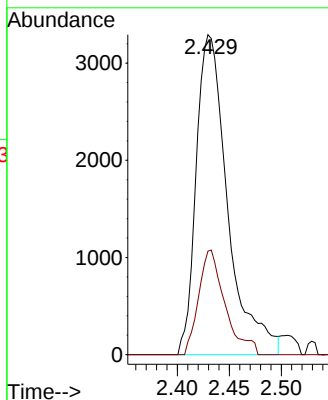
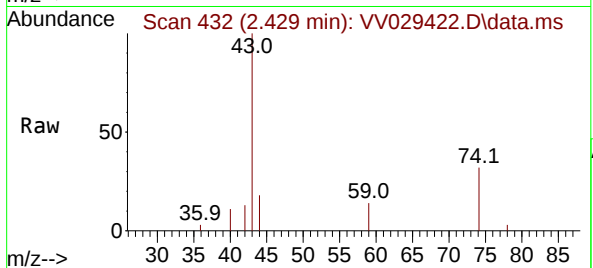
#15
Methyl Acetate
Concen: 2.314 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 43 Resp: 6944
Ion Ratio Lower Upper
43 100
74 26.6 23.5 35.3

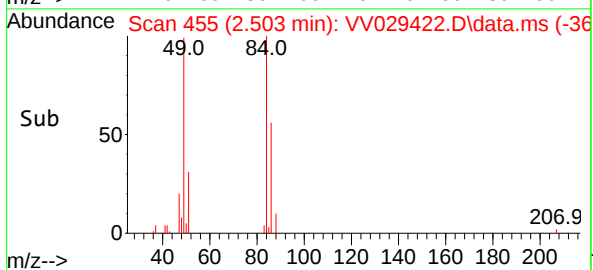
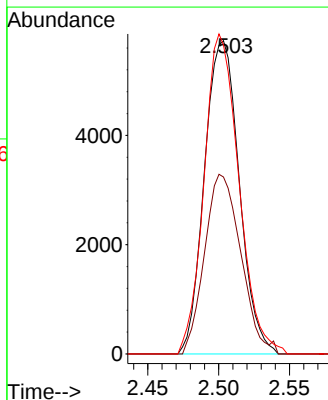
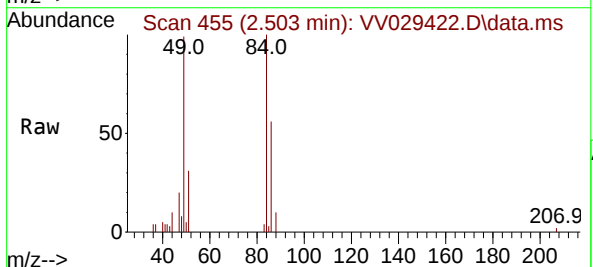
Manual Integrations
APPROVED

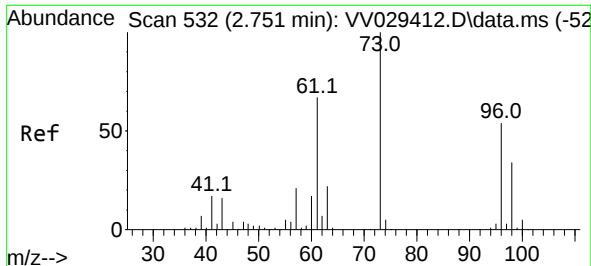
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#16
Methylene chloride
Concen: 2.723 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.007 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Tgt Ion: 84 Resp: 9796
Ion Ratio Lower Upper
84 100
86 56.5 46.0 85.4
49 98.6 72.2 134.0





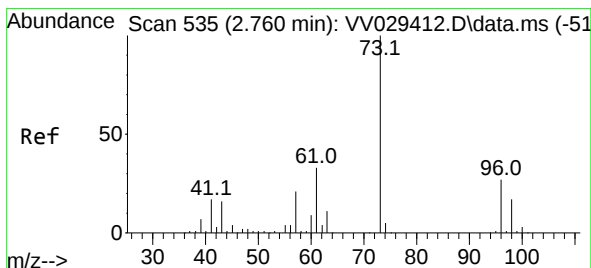
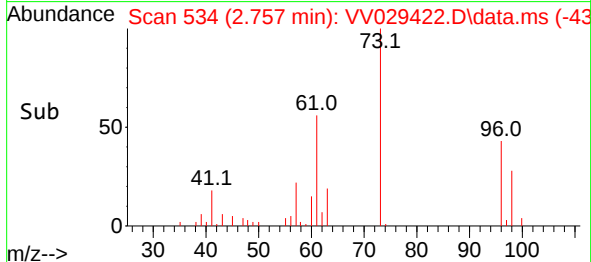
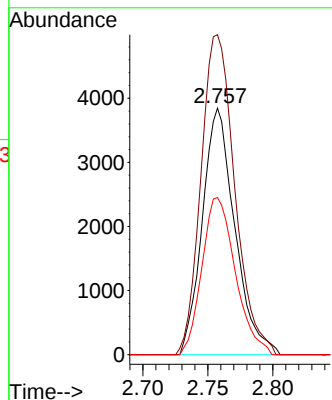
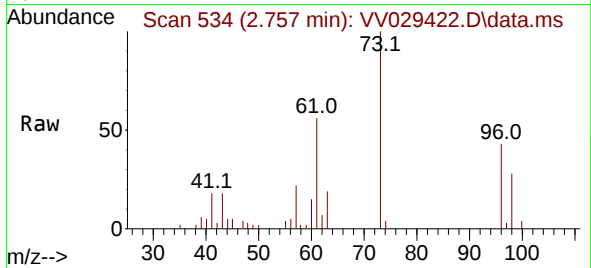
#17
trans-1,2-Dichloroethene
Concen: 2.008 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 96 Resp: 669
Ion Ratio Lower Upper
96 100
61 129.8 86.4 160.4
98 63.7 43.4 80.6

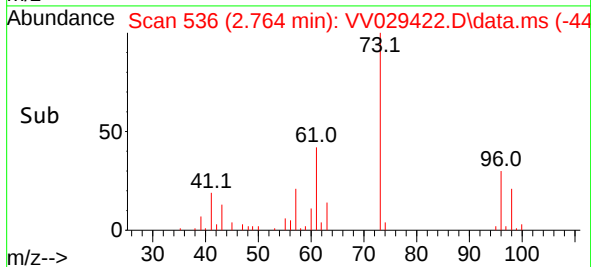
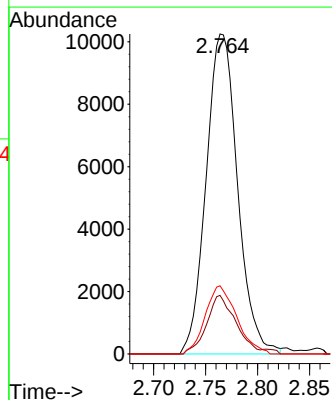
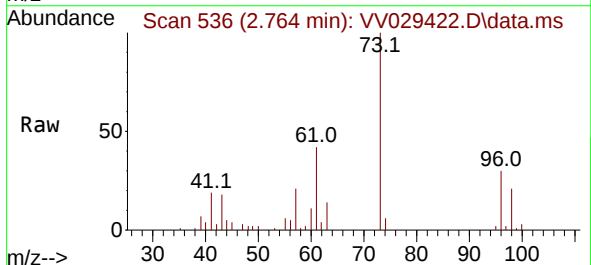
Manual Integrations
APPROVED

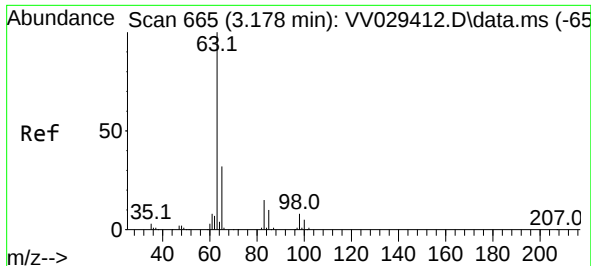
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#18
Methyl tert-butyl Ether
Concen: 2.116 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Tgt Ion: 73 Resp: 21615
Ion Ratio Lower Upper
73 100
43 16.8 12.7 19.1
57 21.2 16.7 25.1





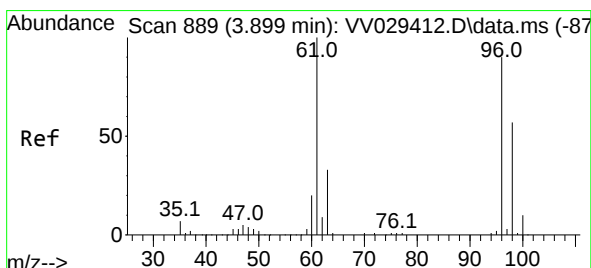
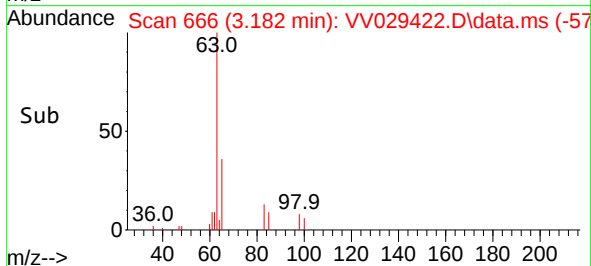
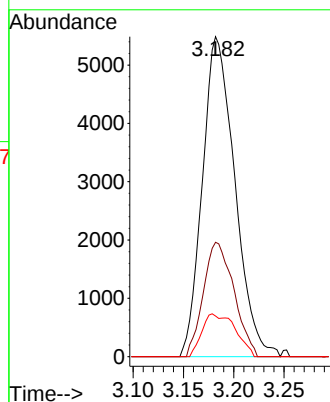
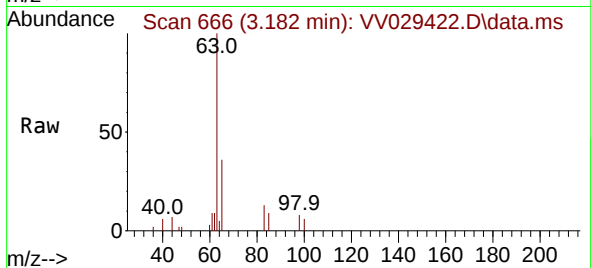
#19
1,1-Dichloroethane
Concen: 2.154 ug/L
RT: 3.182 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 63 Resp: 1229
Ion Ratio Lower Upper
63 100
65 35.7 22.5 41.7
83 12.7 10.4 19.2

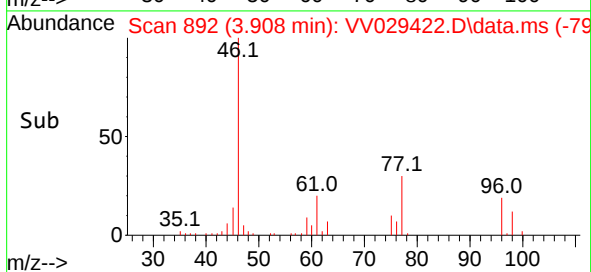
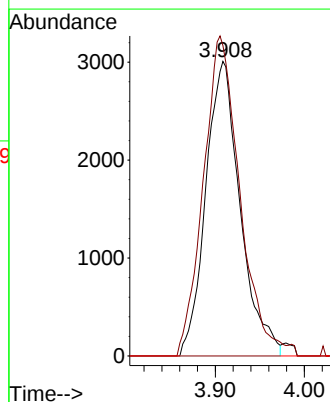
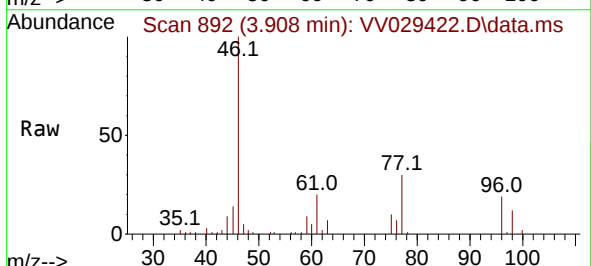
Manual Integrations
APPROVED

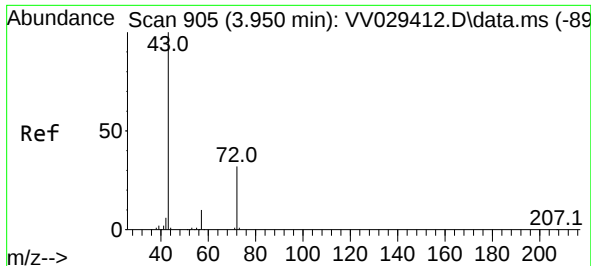
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#20
cis-1,2-Dichloroethene
Concen: 2.206 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.010 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Tgt Ion: 96 Resp: 8088
Ion Ratio Lower Upper
96 100
61 105.4 78.0 144.9
68 0.0 0.0 0.0





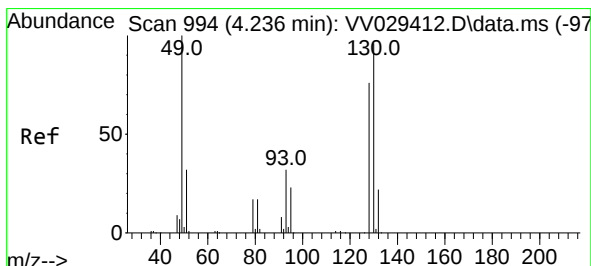
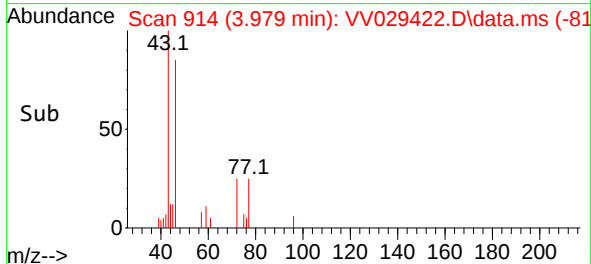
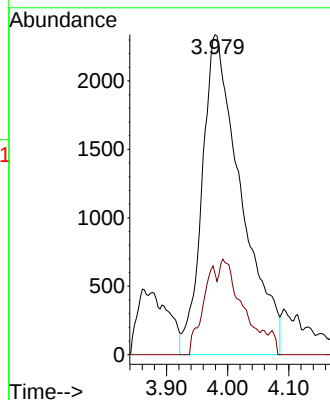
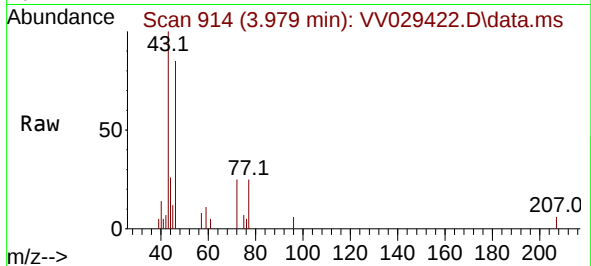
#22
2-Butanone
Concen: 4.942 ug/L m
RT: 3.979 min Scan# 914
Delta R.T. 0.029 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
72 10.3 15.9 47.6

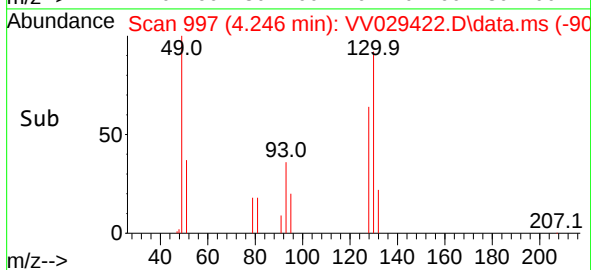
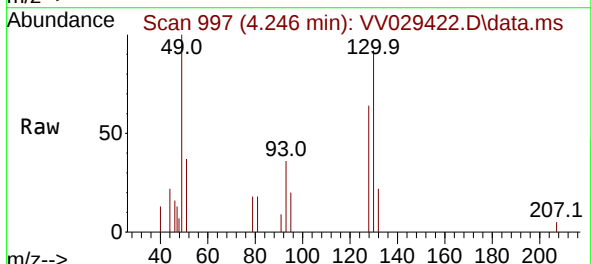
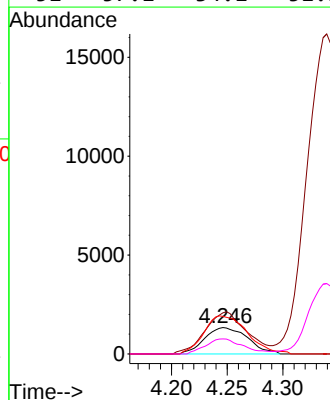
Manual Integrations
APPROVED

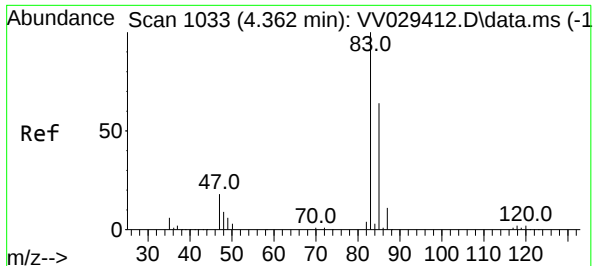
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#23
Bromochloromethane
Concen: 1.908 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.010 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Tgt Ion:128 Resp: 3602
Ion Ratio Lower Upper
128 100
49 155.2 92.2 171.2
130 142.3 88.3 164.1
51 57.1 34.1 51.1#





#25

Chloroform

Concen: 2.148 ug/L

RT: 4.365 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VV029422.D

Acq: 07 Dec 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 83 Resp: 1271

Ion Ratio Lower Upper

83 100

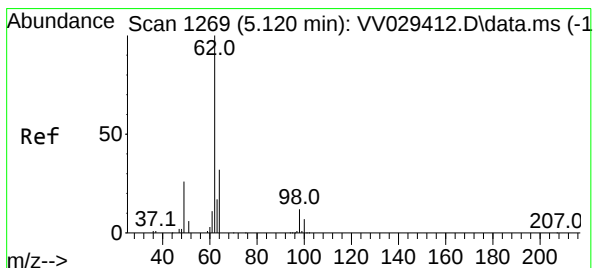
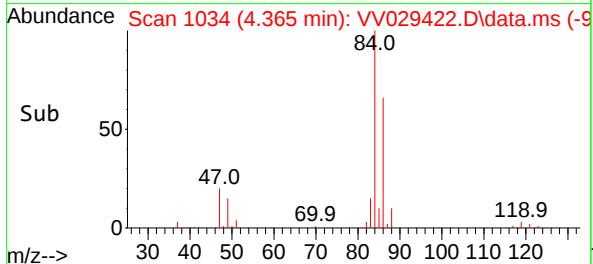
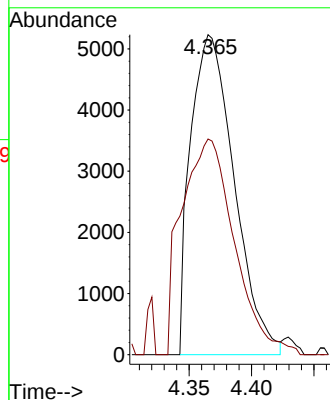
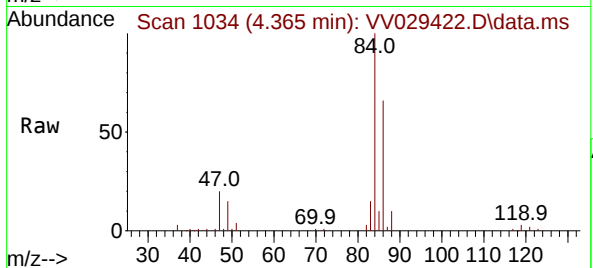
85 67.4 45.1 83.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#27

1,2-Dichloroethane

Concen: 2.293 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.010 min

Lab File: VV029422.D

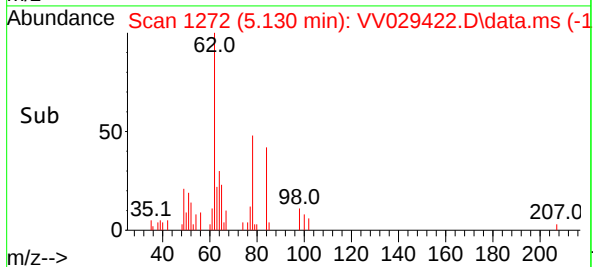
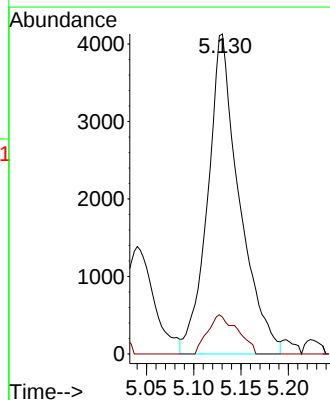
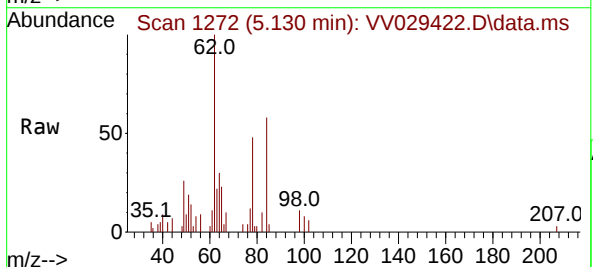
Acq: 07 Dec 2022 17:10

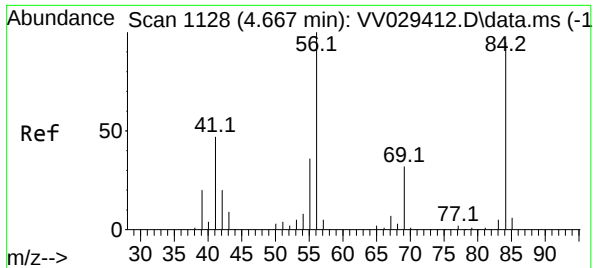
Tgt Ion: 62 Resp: 9588

Ion Ratio Lower Upper

62 100

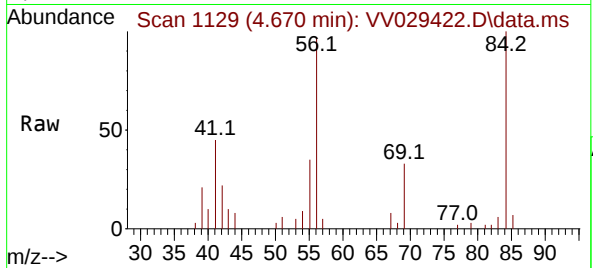
98 11.5 9.4 14.0





#29
Cyclohexane
Concen: 2.206 ug/L
RT: 4.670 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

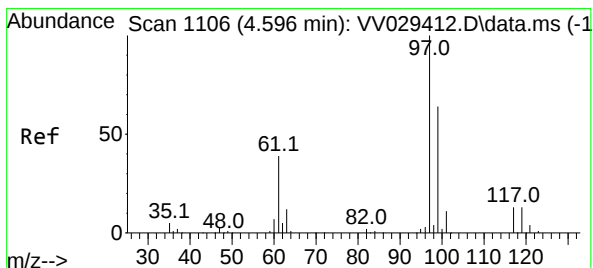
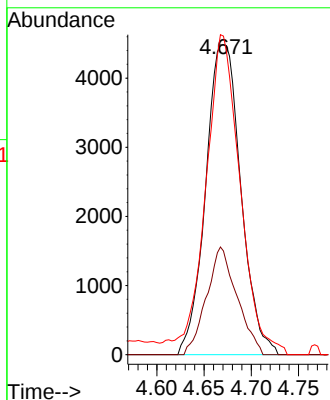
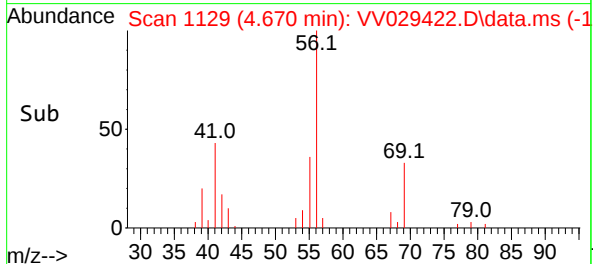
Instrument :
MSVOA_V
ClientSampleId :
MDL01



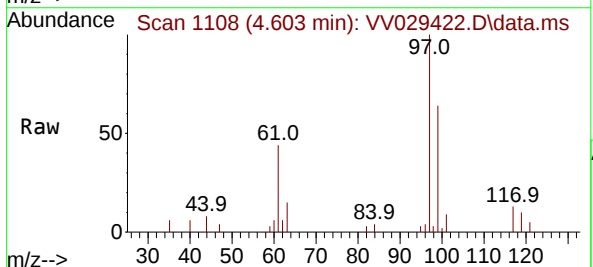
Tgt Ion: 56 Resp: 1163
Ion Ratio Lower Upper
56 100
69 30.0 25.8 38.8
84 100.2 76.6 114.8

Manual Integrations
APPROVED

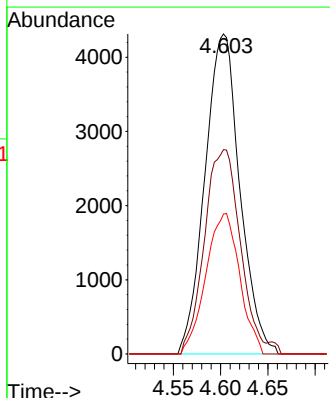
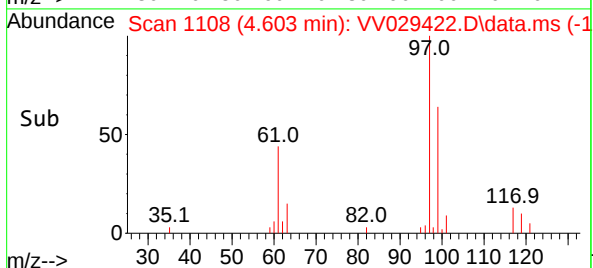
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

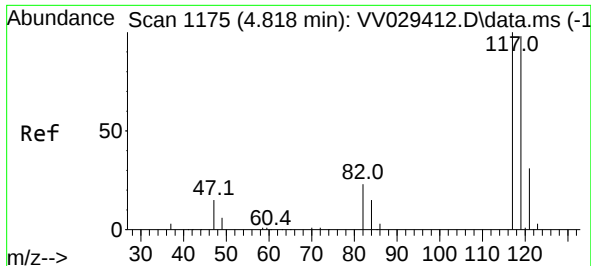


#30
1,1,1-Trichloroethane
Concen: 2.093 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.007 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10



Tgt Ion: 97 Resp: 11101
Ion Ratio Lower Upper
97 100
99 65.1 52.1 78.1
61 42.4 31.8 47.8





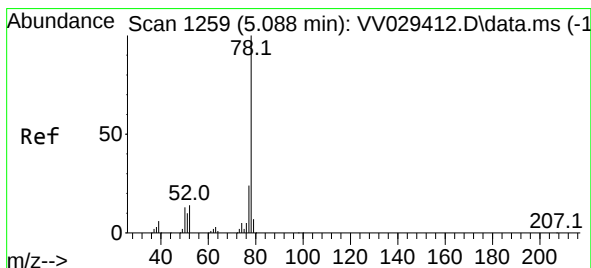
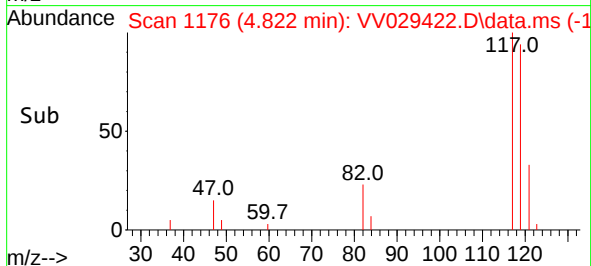
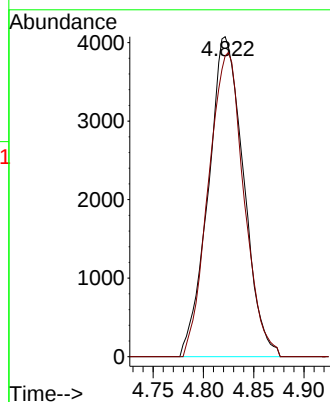
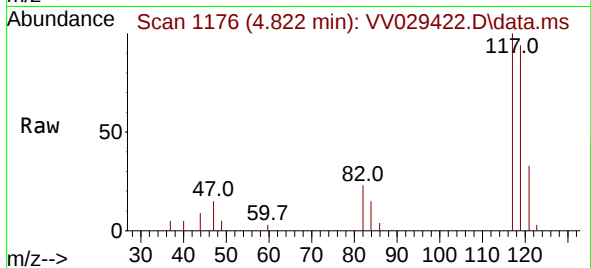
#31
Carbon tetrachloride
Concen: 2.144 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:117 Resp: 993
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1

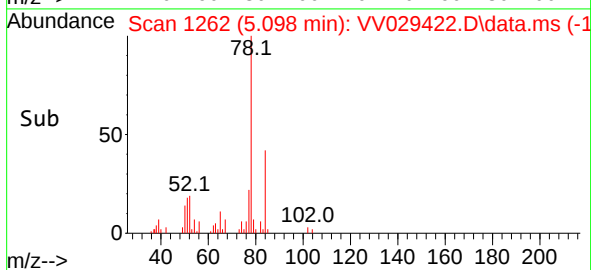
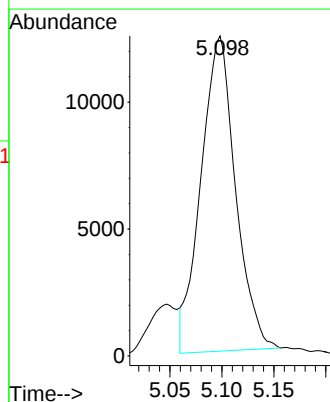
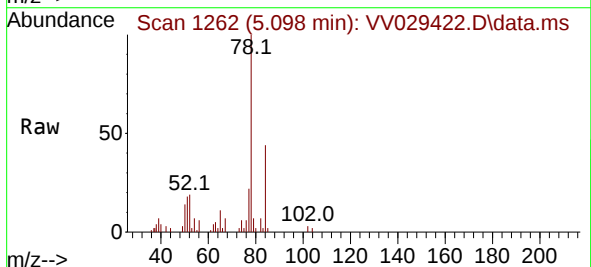
Manual Integrations
APPROVED

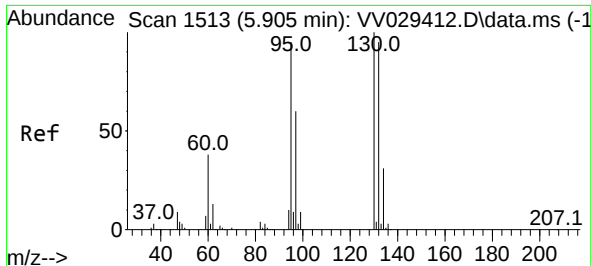
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#33
Benzene
Concen: 2.091 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.010 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

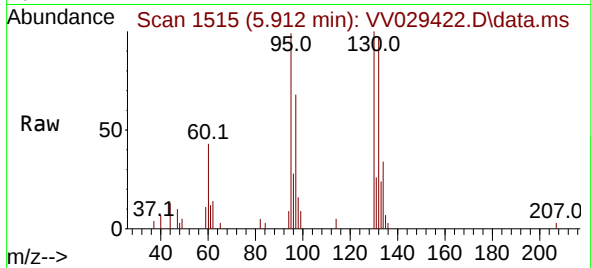
Tgt Ion: 78 Resp: 28697





#34
Trichloroethene
Concen: 2.183 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.007 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

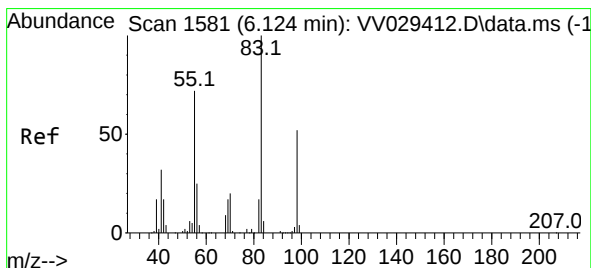
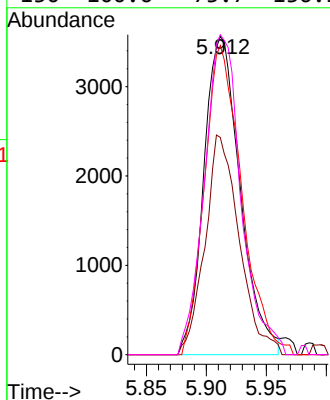
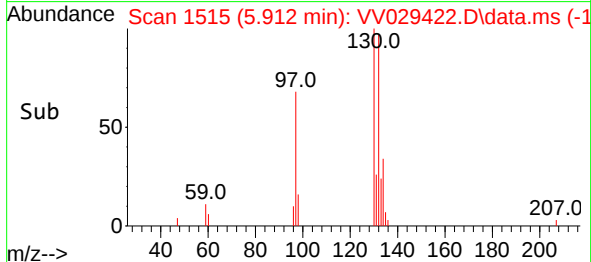
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion	Ratio	Lower	Upper
95	100		
97	68.3	44.0	81.8
132	97.2	69.9	129.9
130	100.6	73.7	136.9

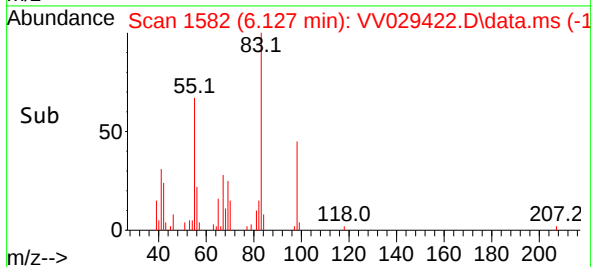
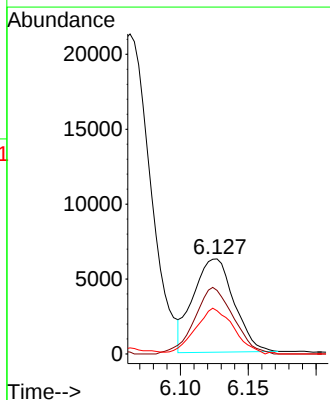
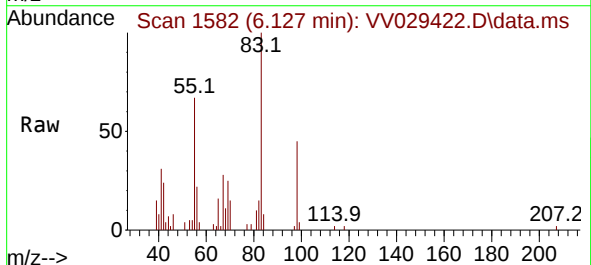
Manual Integrations
APPROVED

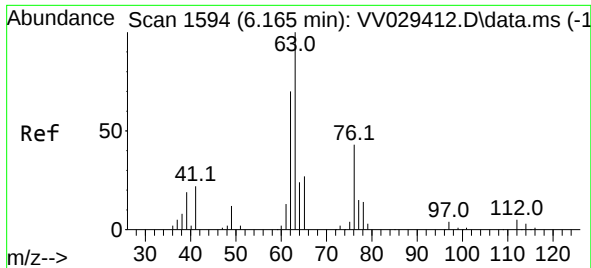
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#35
Methylcyclohexane
Concen: 2.235 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.6	55.5	83.3
98	46.0	39.8	59.8





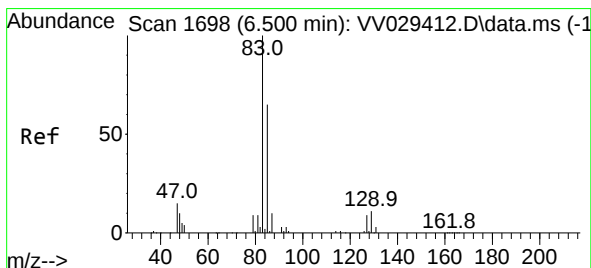
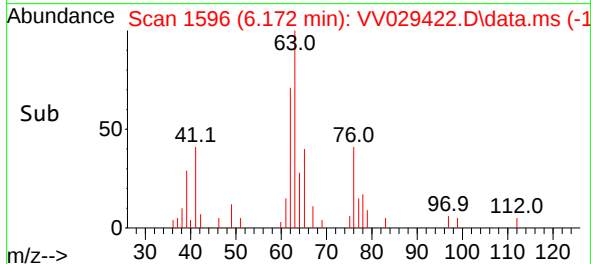
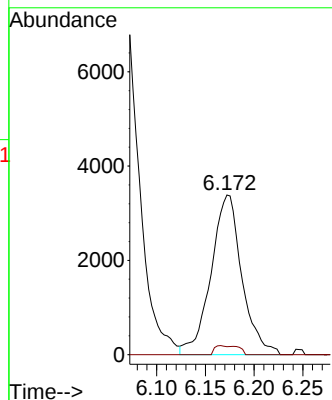
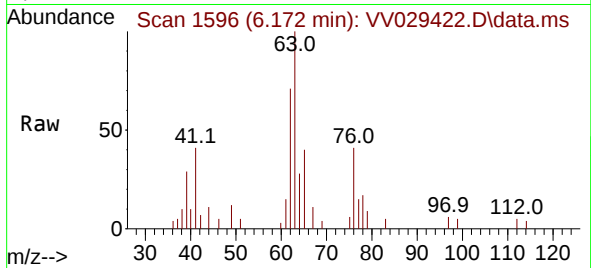
#37
1,2-Dichloropropane
Concen: 2.254 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 63 Resp: 746
Ion Ratio Lower Upper
63 100
112 2.3 3.9 5.9

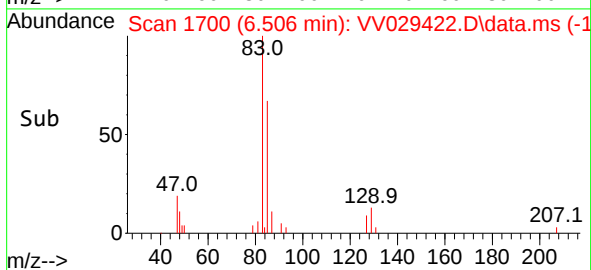
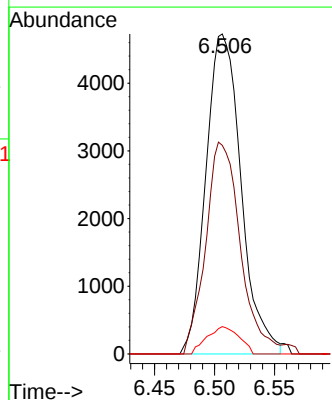
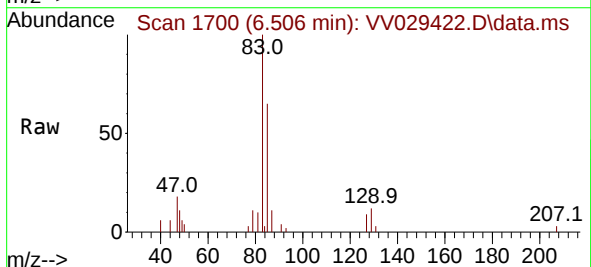
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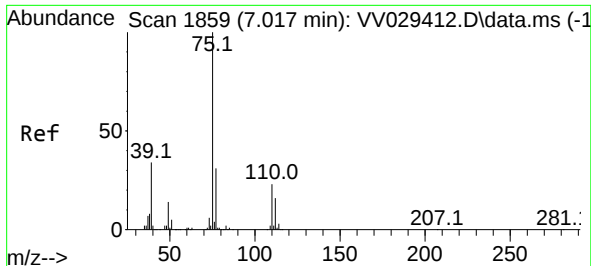
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#38
Bromodichloromethane
Concen: 2.108 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.007 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Tgt Ion: 83 Resp: 9639
Ion Ratio Lower Upper
83 100
85 65.2 45.3 84.1
127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 2.008 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.010 min

Lab File: VV029422.D

Acq: 07 Dec 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 75 Resp: 10940

Ion Ratio Lower Upper

75 100

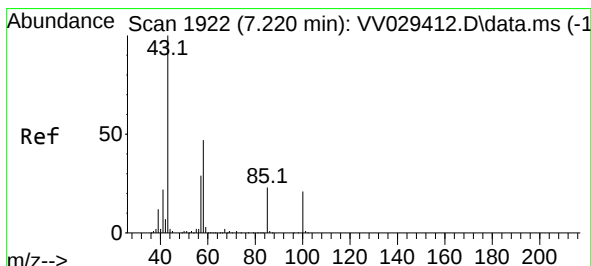
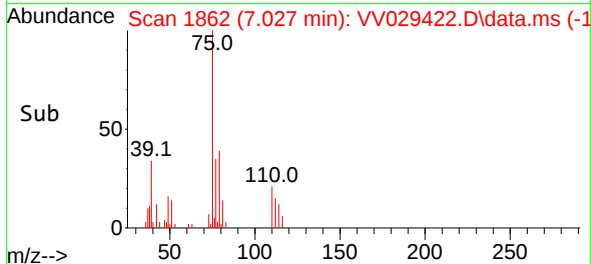
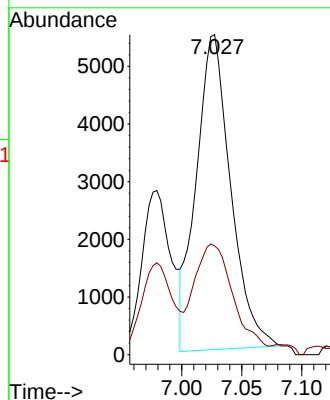
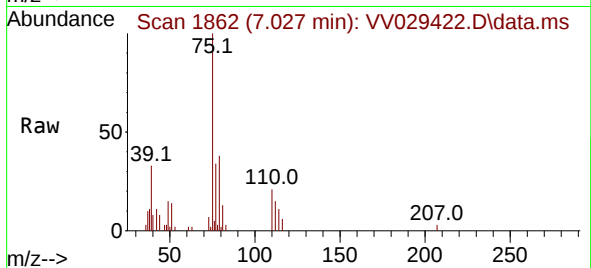
77 34.0 21.9 40.7

Manual Integrations

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Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#40

4-Methyl-2-pentanone

Concen: 4.353 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.007 min

Lab File: VV029422.D

Acq: 07 Dec 2022 17:10

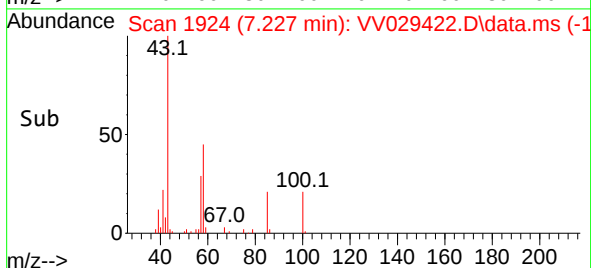
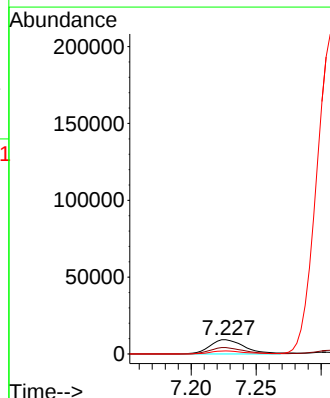
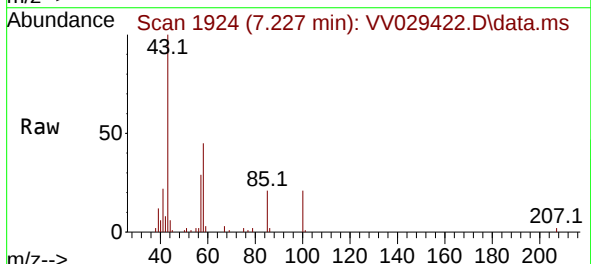
Tgt Ion: 43 Resp: 17191

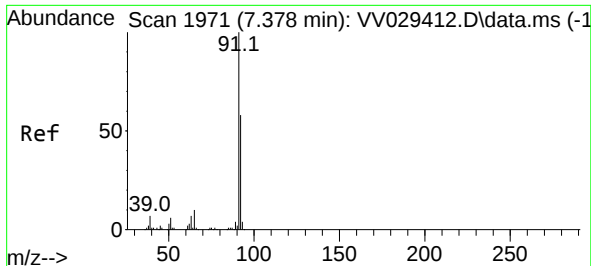
Ion Ratio Lower Upper

43 100

58 44.1 37.5 56.3

100 21.6 16.7 25.1





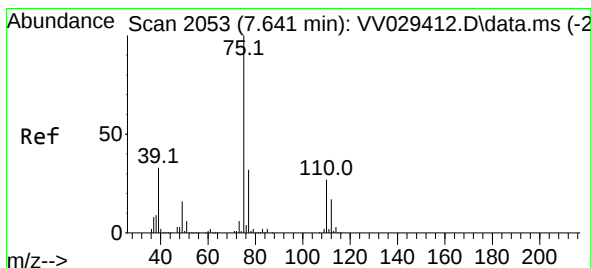
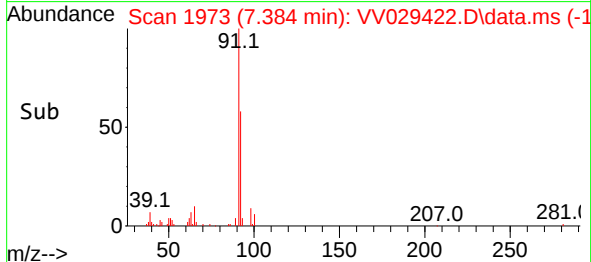
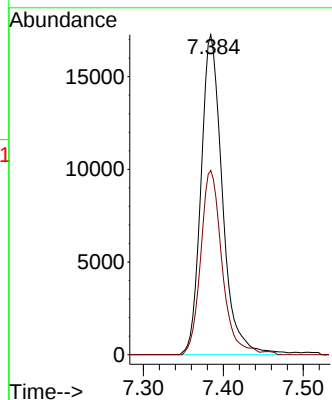
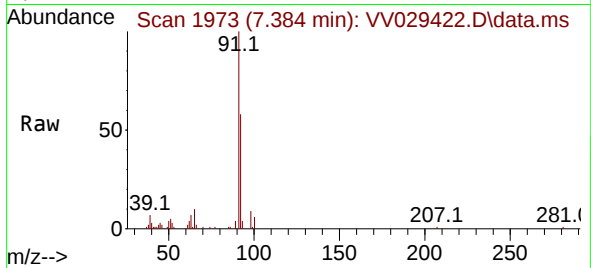
#42
Toluene
Concen: 2.174 ug/L
RT: 7.384 min Scan# 1971
Delta R.T. 0.007 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 3210
Ion Ratio Lower Upper
91 100
92 57.5 40.6 75.4

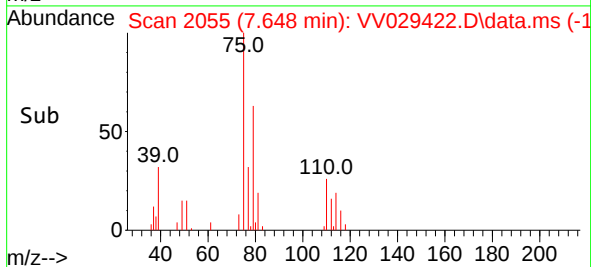
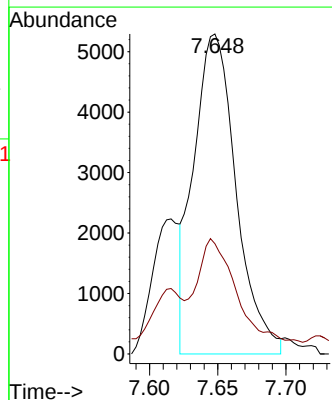
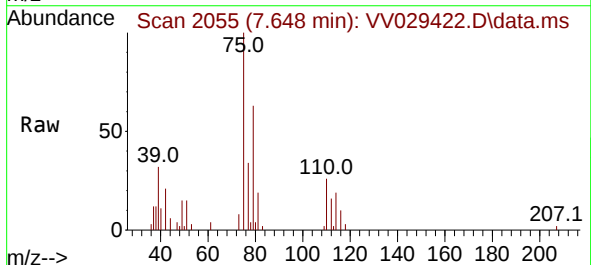
Manual Integrations
APPROVED

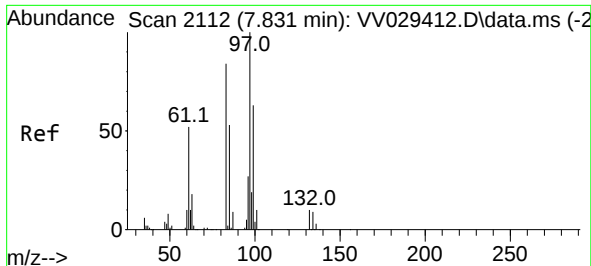
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#44
trans-1,3-Dichloropropene
Concen: 2.218 ug/L m
RT: 7.648 min Scan# 2055
Delta R.T. 0.007 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

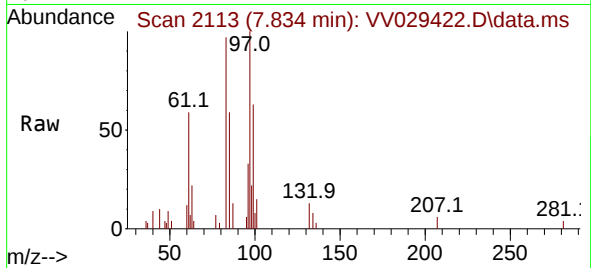
Tgt Ion: 75 Resp: 11439
Ion Ratio Lower Upper
75 100
77 34.4 22.3 41.5





#45
1,1,2-Trichloroethane
Concen: 2.068 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

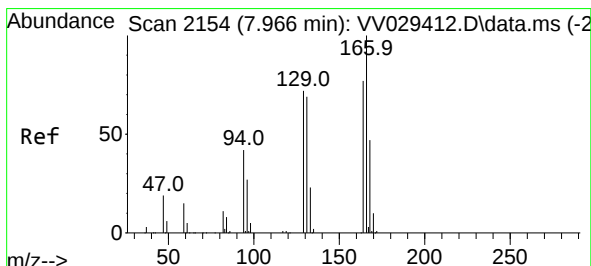
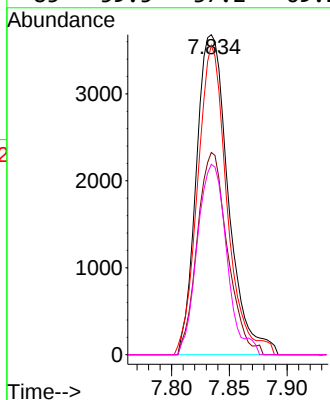
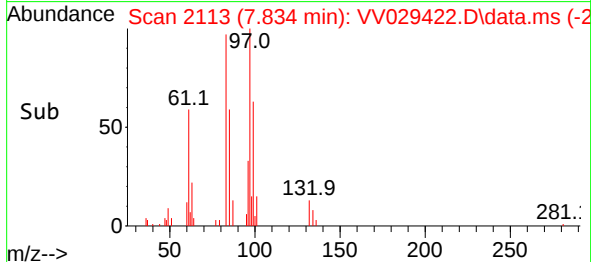
Instrument : MSVOA_V
ClientSampleId : MDL01



Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.3
83	96.6	58.6	108.8
85	59.5	37.2	69.2

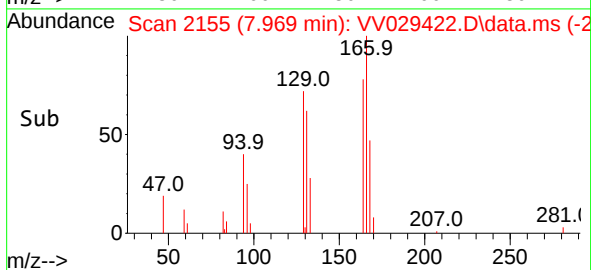
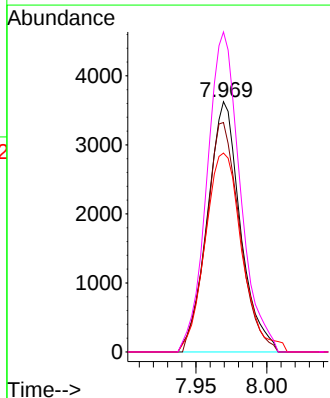
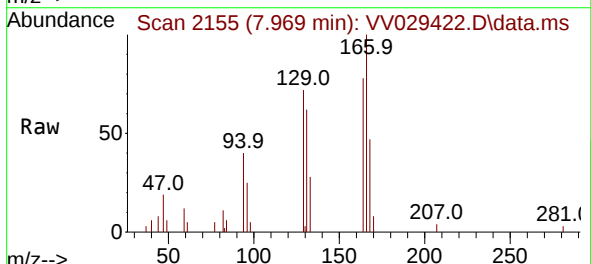
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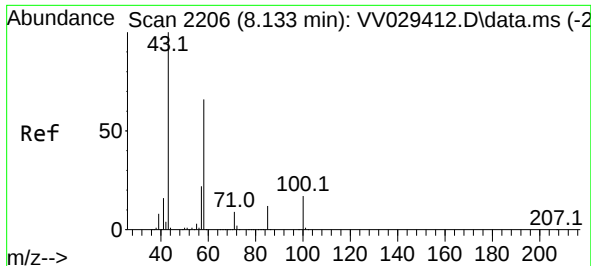
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#46
Tetrachloroethene
Concen: 2.127 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Tgt Ion	Ratio	Lower	Upper
164	100		
129	91.7	65.3	121.3
131	79.5	63.1	117.1
166	127.9	90.8	168.6





#48

2-Hexanone

Concen: 5.974 ug/L m

RT: 8.137 min Scan# 2206

Delta R.T. 0.003 min

Lab File: VV029422.D

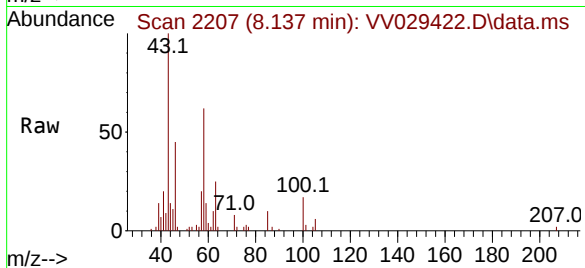
Acq: 07 Dec 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

MDL01



Tgt Ion: 43 Resp: 1802

Ion Ratio Lower Upper

43 100

58 56.3 54.1 81.1

57 19.7 17.4 26.0

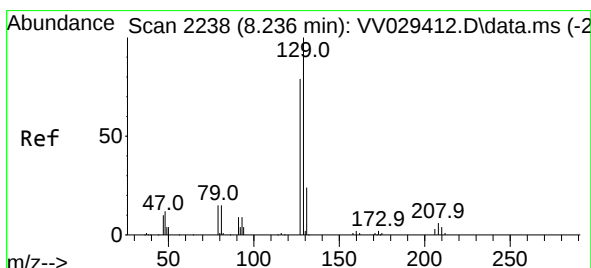
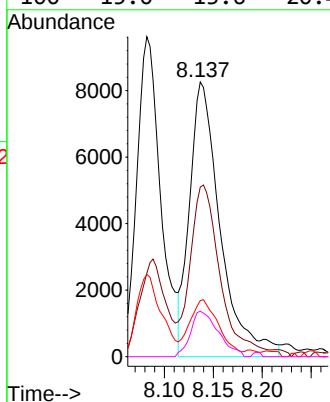
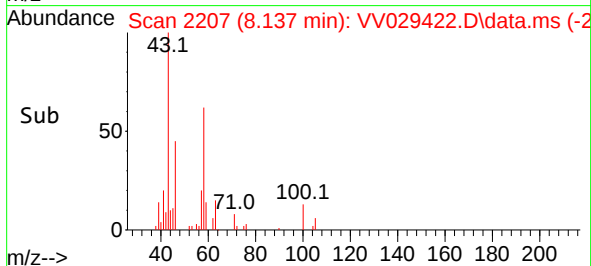
100 15.0 13.6 20.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#49

Dibromochloromethane

Concen: 2.083 ug/L

RT: 8.239 min Scan# 2239

Delta R.T. 0.003 min

Lab File: VV029422.D

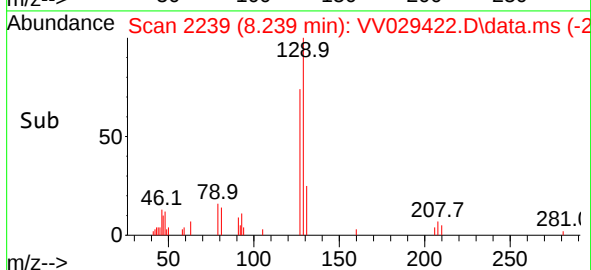
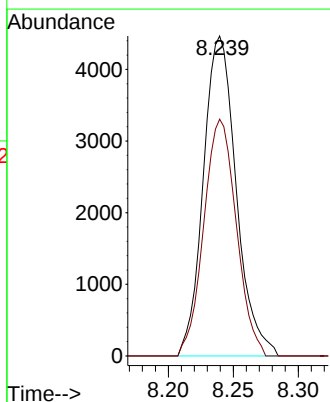
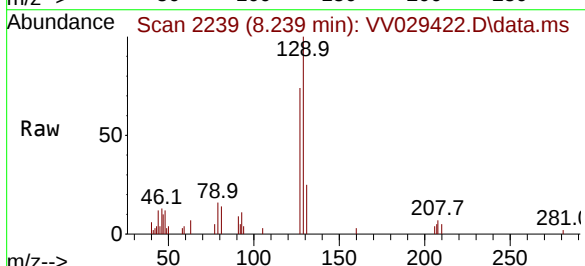
Acq: 07 Dec 2022 17:10

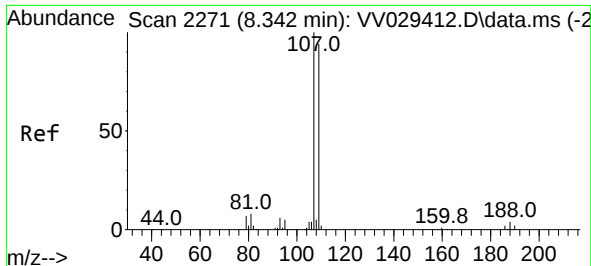
Tgt Ion:129 Resp: 7868

Ion Ratio Lower Upper

129 100

127 74.0 55.2 102.4





#50

1,2-Dibromoethane

Concen: 2.108 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV029422.D

Acq: 07 Dec 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

MDL01

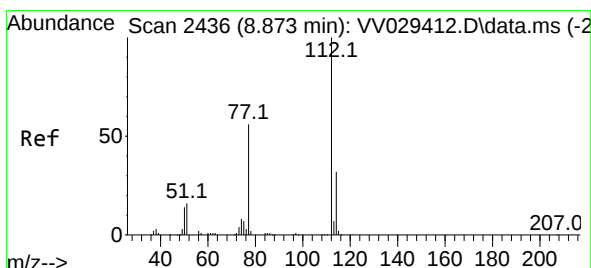
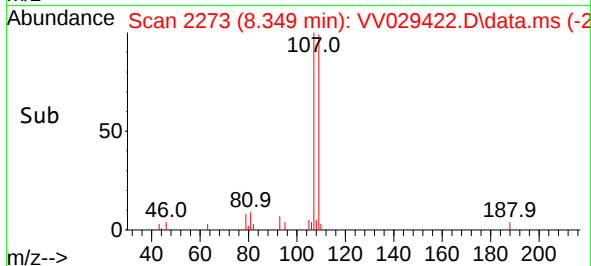
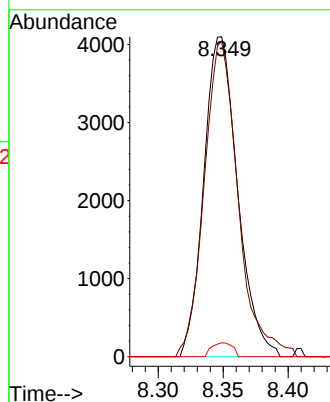
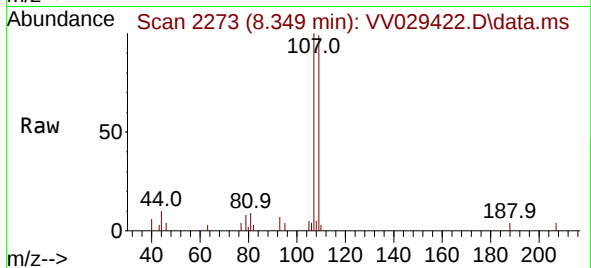
Tgt Ion:	107	Resp:	743
Ion Ratio	Lower	Upper	
107	100		
109	98.6	66.0	122.6
188	4.3	3.2	4.8

Manual Integrations

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Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#51

Chlorobenzene

Concen: 2.180 ug/L

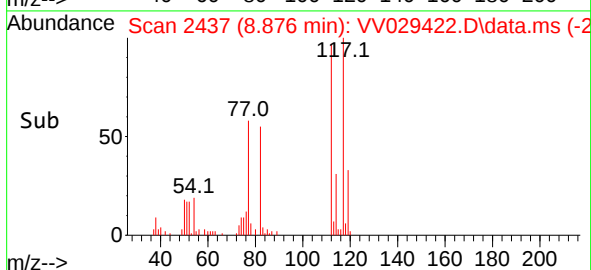
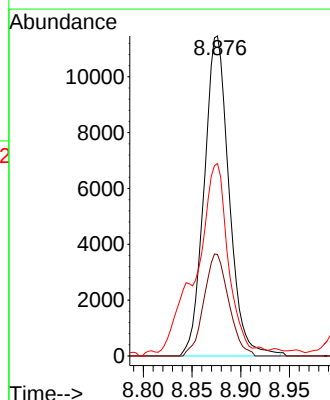
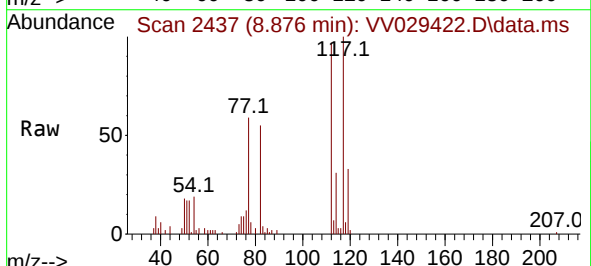
RT: 8.876 min Scan# 2437

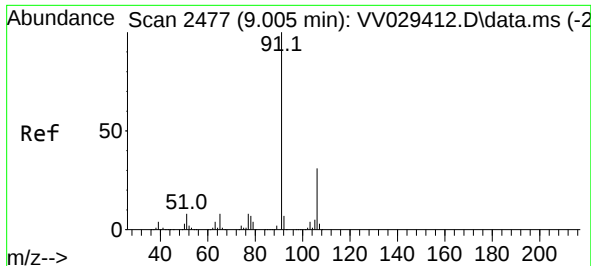
Delta R.T. 0.003 min

Lab File: VV029422.D

Acq: 07 Dec 2022 17:10

Tgt Ion:	112	Resp:	20391
Ion Ratio	Lower	Upper	
112	100		
114	31.7	22.3	41.3
77	60.1	45.0	67.4





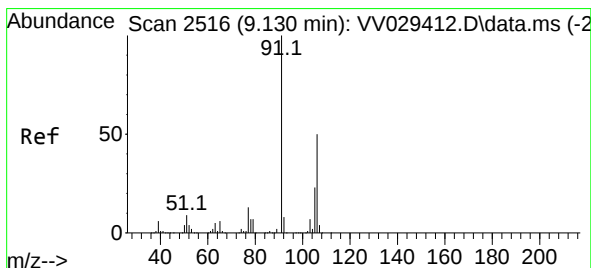
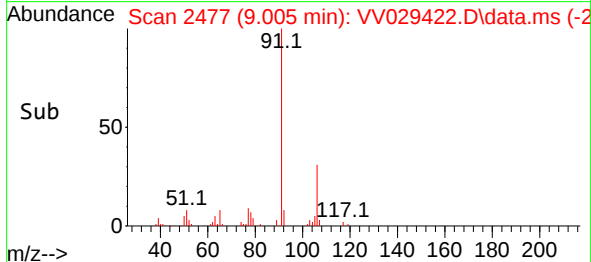
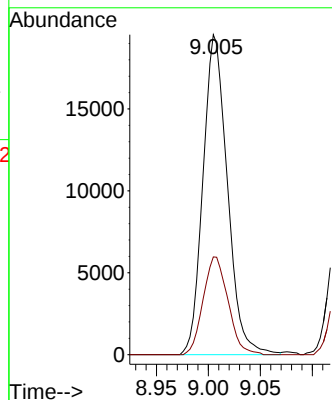
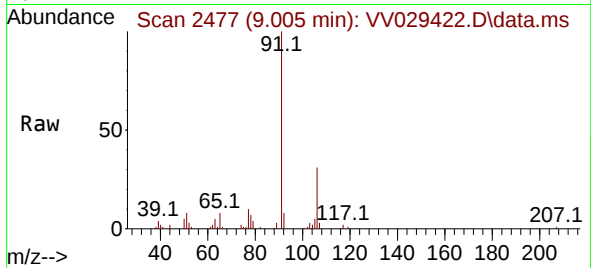
#52
Ethylbenzene
Concen: 2.055 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 31908
Ion Ratio Lower Upper
91 100
106 30.6 21.8 40.6

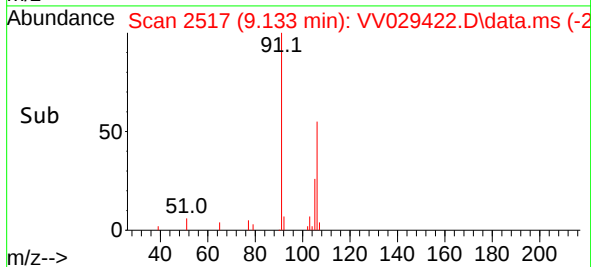
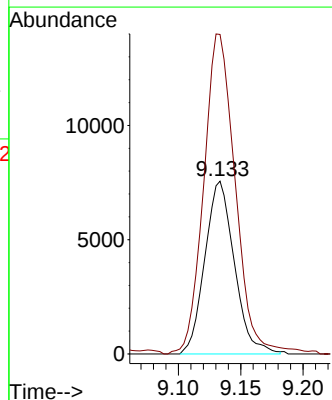
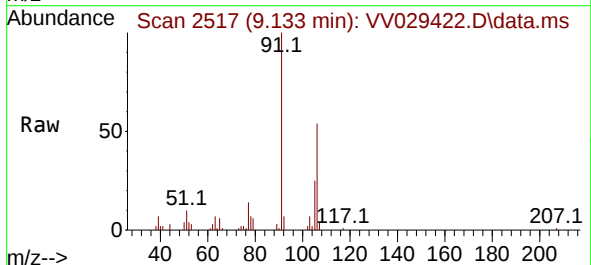
Manual Integrations
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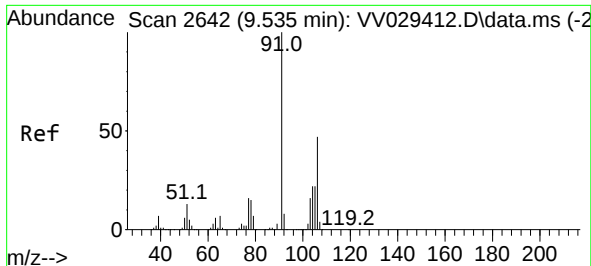
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#53
m,p-Xylene
Concen: 2.023 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Tgt Ion:106 Resp: 12435
Ion Ratio Lower Upper
106 100
91 185.0 139.5 259.1





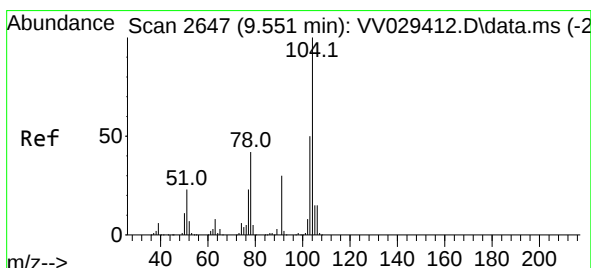
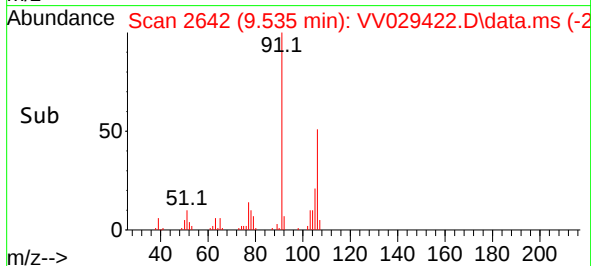
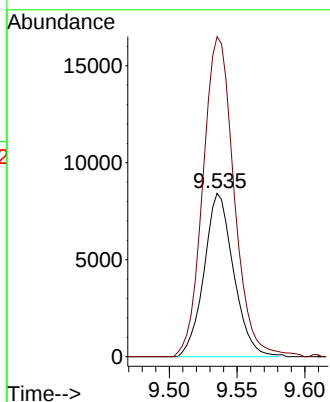
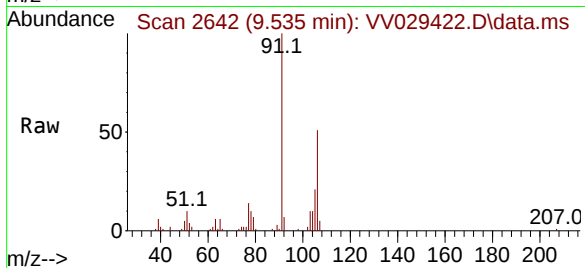
#54
o-Xylene
Concen: 2.095 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:106 Resp: 1273
Ion Ratio Lower Upper
106 100
91 195.8 148.0 274.8

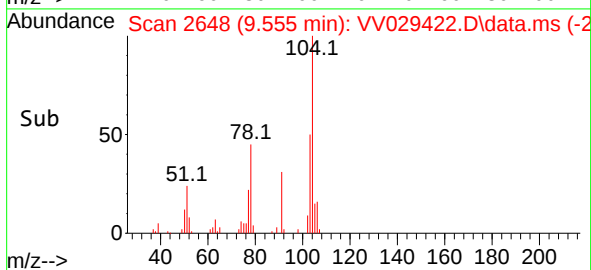
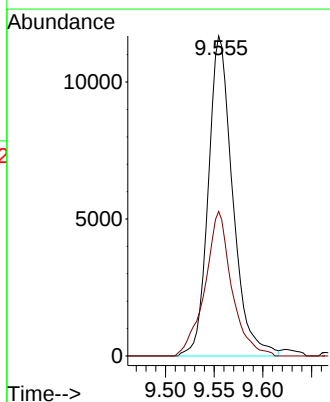
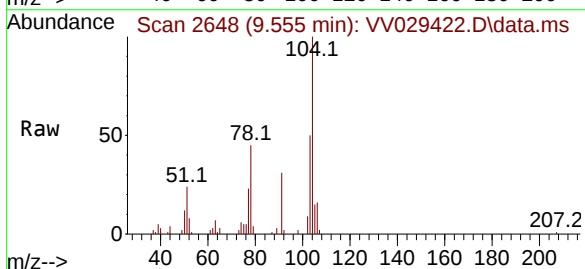
Manual Integrations
APPROVED

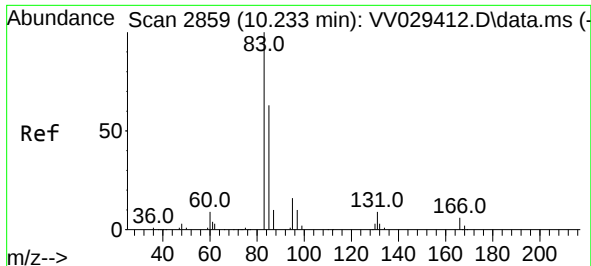
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#55
Styrene
Concen: 1.925 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Tgt Ion:104 Resp: 20336
Ion Ratio Lower Upper
104 100
78 45.2 29.4 54.6





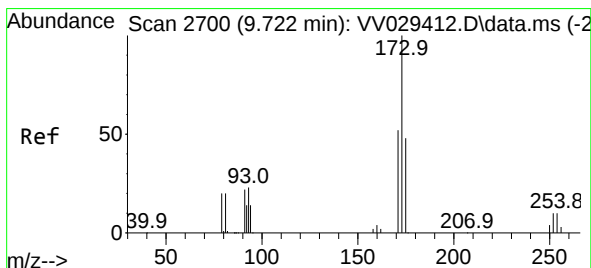
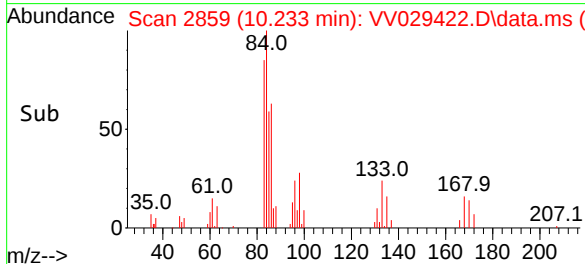
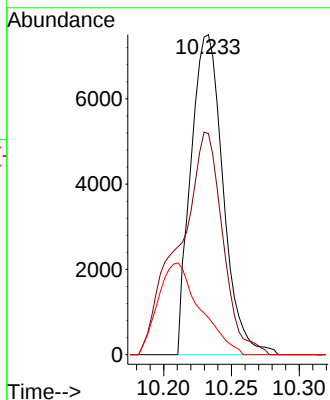
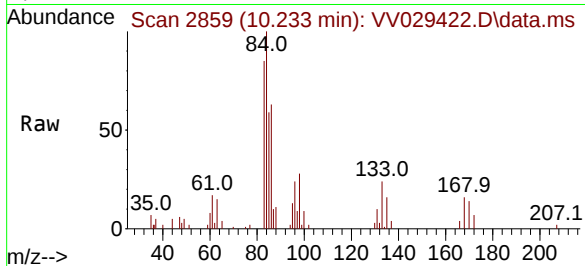
#57
1,1,2,2-Tetrachloroethane
Concen: 2.268 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument : MSVOA_V
ClientSampleId : MDL01

Tgt Ion: 83 Resp: 1241
Ion Ratio Lower Upper
83 100
85 69.1 45.7 84.9
131 11.6 7.9 11.9

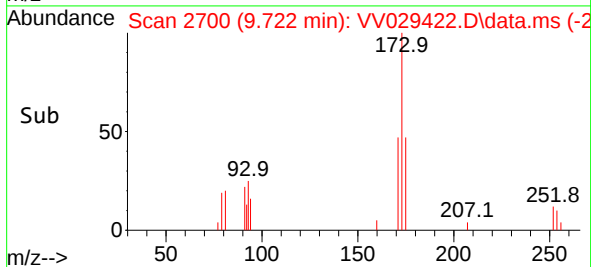
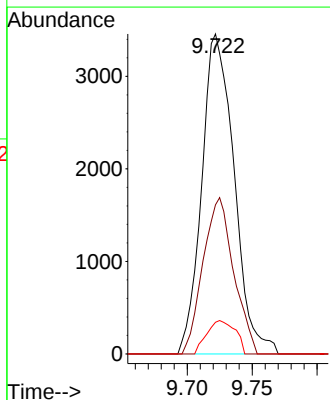
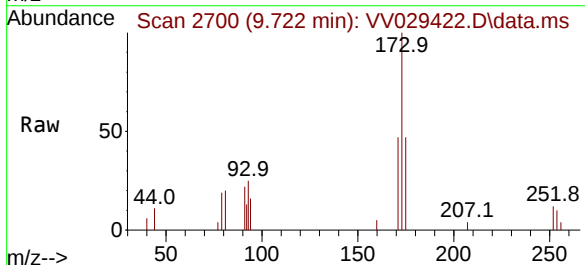
Manual Integrations
APPROVED

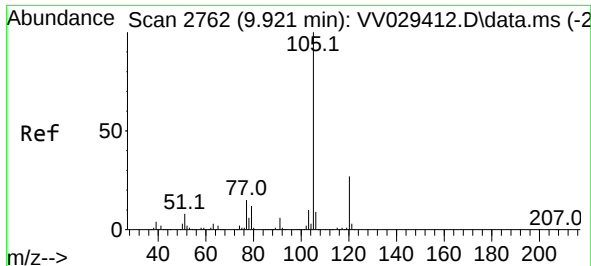
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#59
Bromoform
Concen: 2.171 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Tgt Ion:173 Resp: 5986
Ion Ratio Lower Upper
173 100
175 46.3 38.4 57.6
254 9.2 7.8 11.8





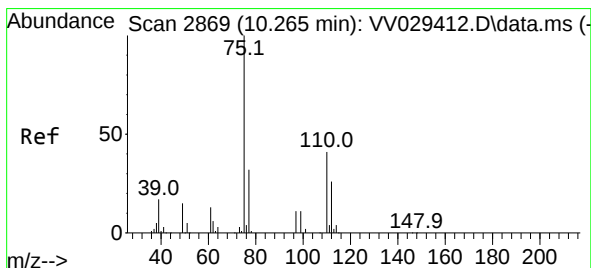
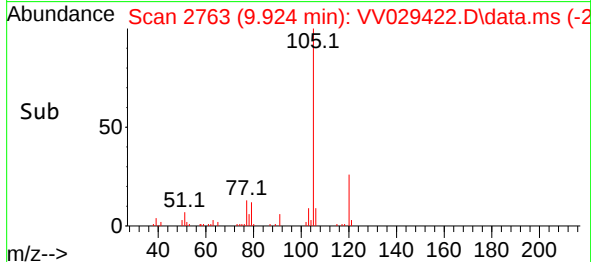
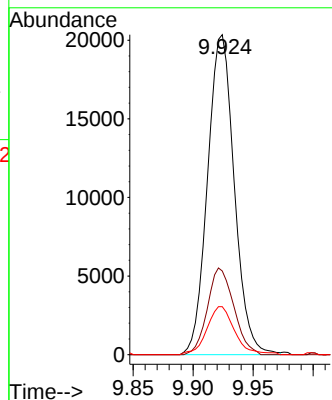
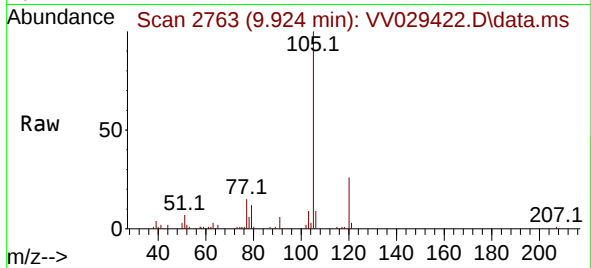
#60
Isopropylbenzene
Concen: 2.153 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.003 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:	105	Resp:	3154
Ion Ratio	Lower	Upper	
105	100		
120	26.7	21.1	31.7
77	15.4	11.6	17.4

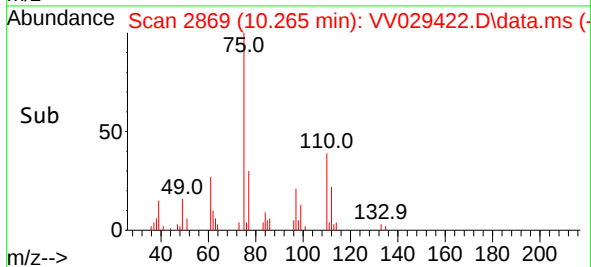
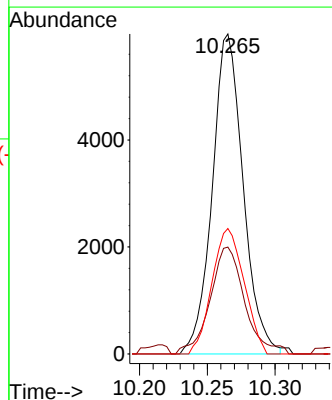
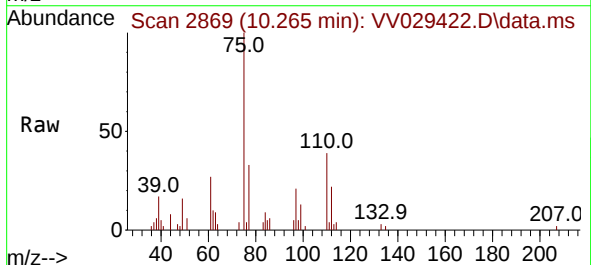
Manual Integrations
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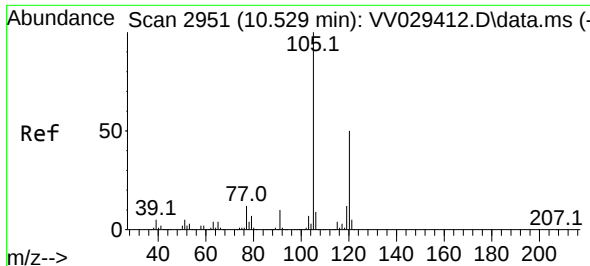
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#61
1,2,3-Trichloropropane
Concen: 2.461 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Tgt Ion:	75	Resp:	9480
Ion Ratio	Lower	Upper	
75	100		
77	36.5	25.4	38.2
110	40.6	32.7	49.1





#62

1,3,5-Trimethylbenzene

Concen: 2.119 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV029422.D

Acq: 07 Dec 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion:105 Resp: 2745

Ion Ratio Lower Upper

105 100

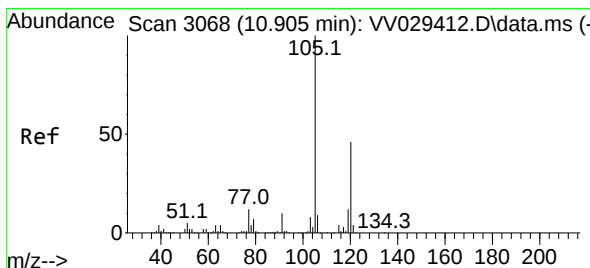
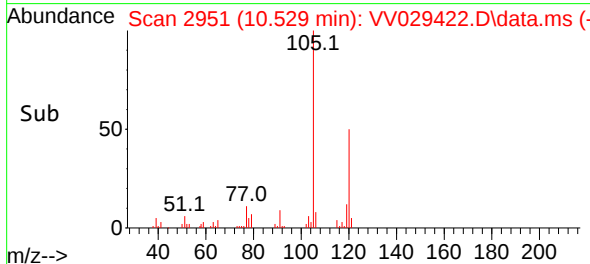
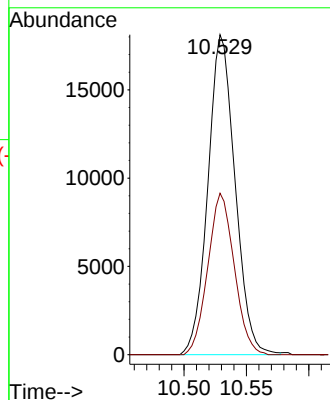
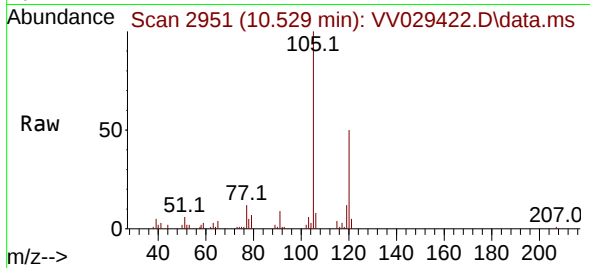
120 49.1 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#63

1,2,4-Trimethylbenzene

Concen: 2.109 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV029422.D

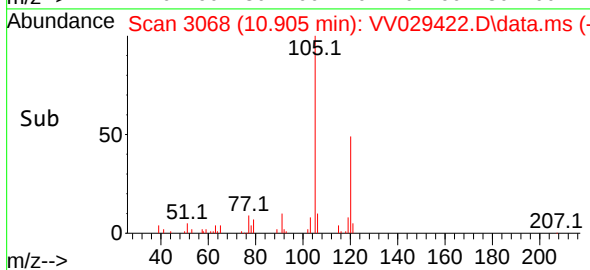
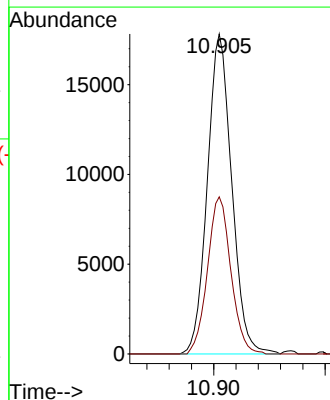
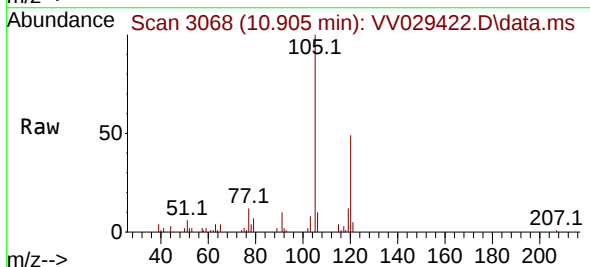
Acq: 07 Dec 2022 17:10

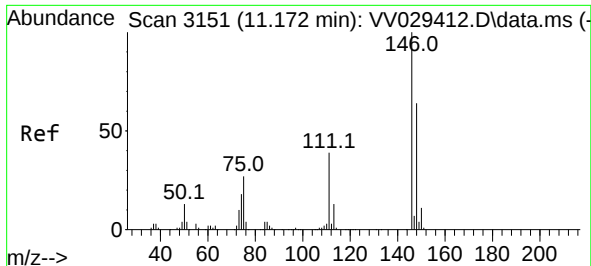
Tgt Ion:105 Resp: 27083

Ion Ratio Lower Upper

105 100

120 47.2 36.7 55.1





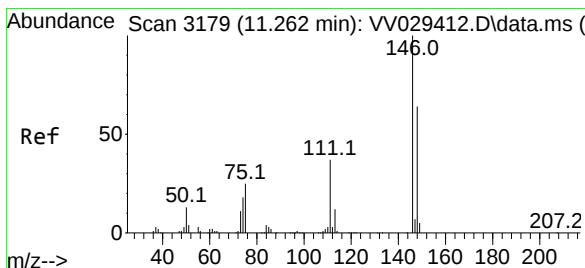
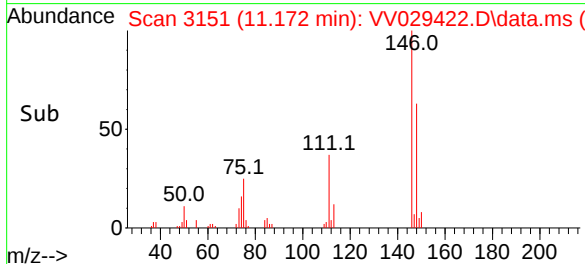
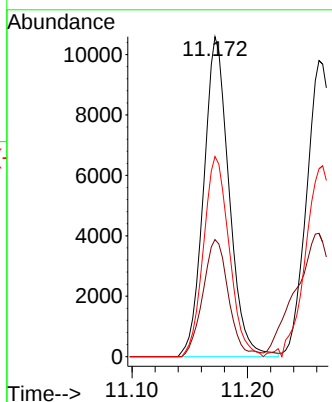
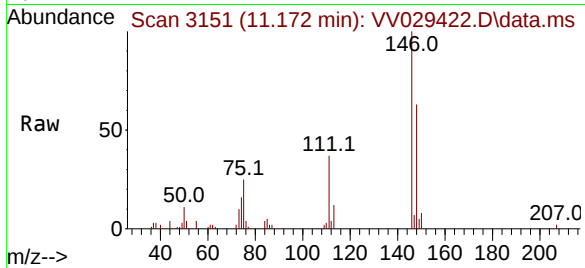
#64
1,3-Dichlorobenzene
Concen: 2.256 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:146 Resp: 16160
Ion Ratio Lower Upper
146 100
111 36.6 27.4 51.0
148 62.5 44.6 82.8

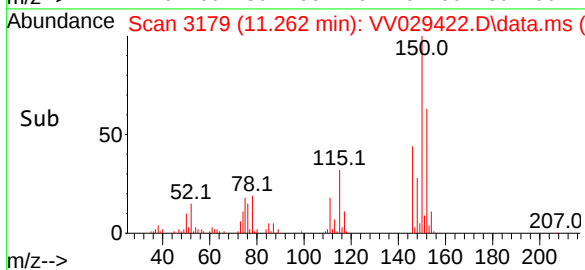
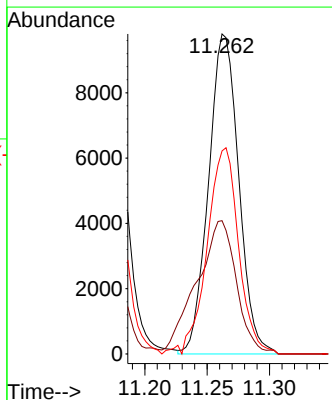
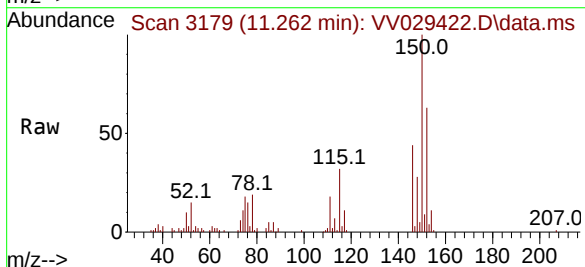
Manual Integrations
APPROVED

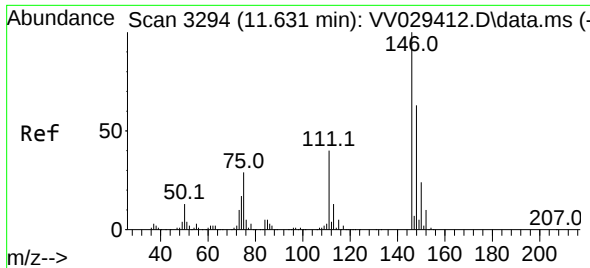
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#65
1,4-Dichlorobenzene
Concen: 2.268 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

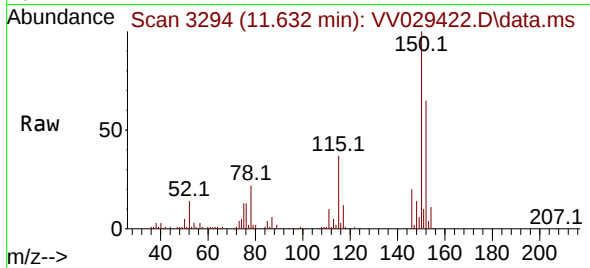
Tgt Ion:146 Resp: 16515
Ion Ratio Lower Upper
146 100
111 41.7 26.2 48.8
148 63.4 44.7 83.1





#67
1,2-Dichlorobenzene
Concen: 2.187 ug/L
RT: 11.632 min Scan# 3294
Delta R.T. 0.000 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

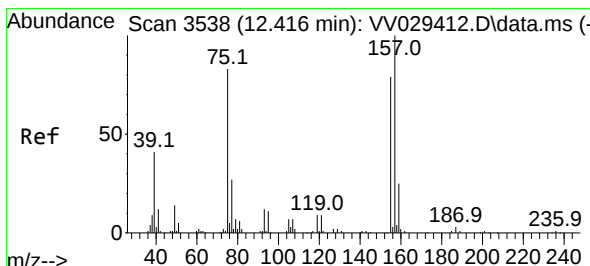
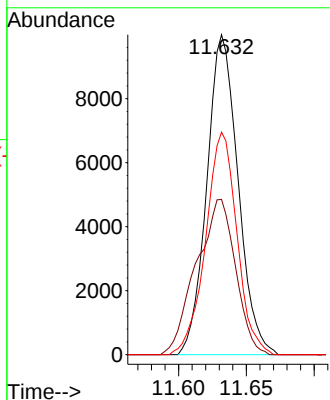
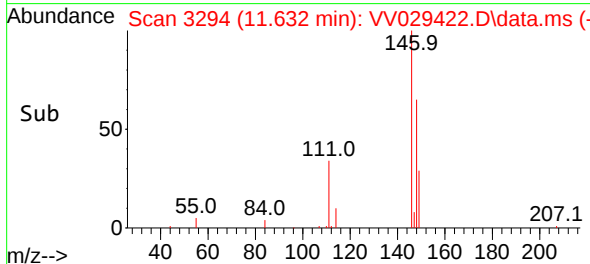
Instrument :
MSVOA_V
ClientSampleId :
MDL01



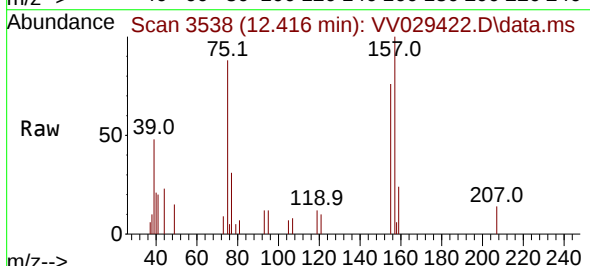
Tgt Ion:146 Resp: 16019
Ion Ratio Lower Upper
146 100
111 48.5 32.0 48.0
148 69.6 50.6 76.0

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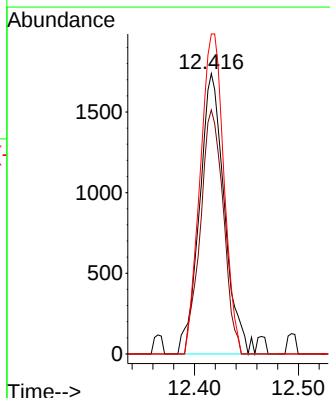
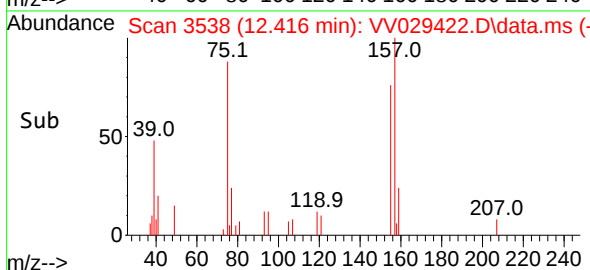
Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

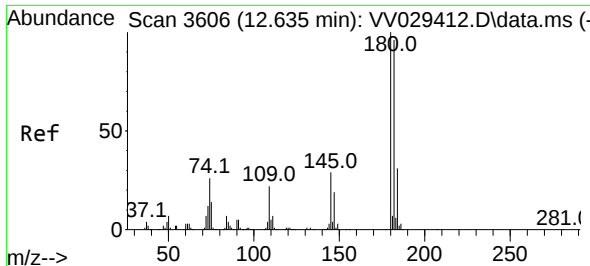


#68
1,2-Dibromo-3-chloropropane
Concen: 2.461 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10



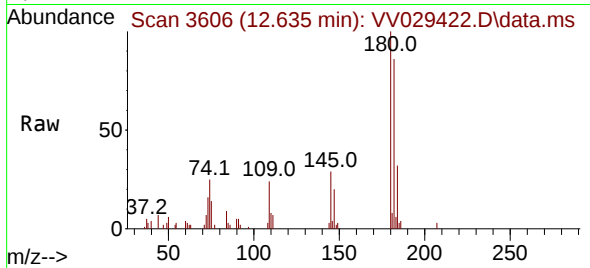
Tgt Ion: 75 Resp: 2946
Ion Ratio Lower Upper
75 100
155 87.1 76.2 114.2
157 114.2 96.0 144.0





#69
 1,3,5-Trichlorobenzene
 Concen: 2.099 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV029422.D
 Acq: 07 Dec 2022 17:10

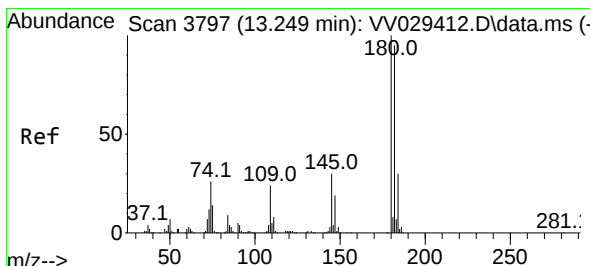
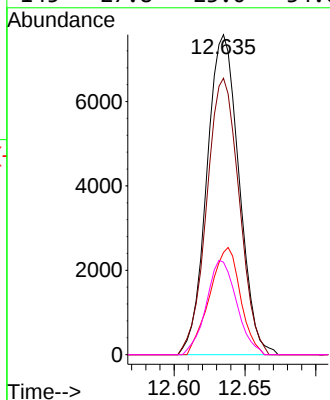
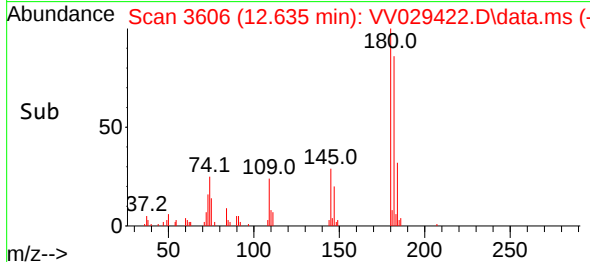
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01



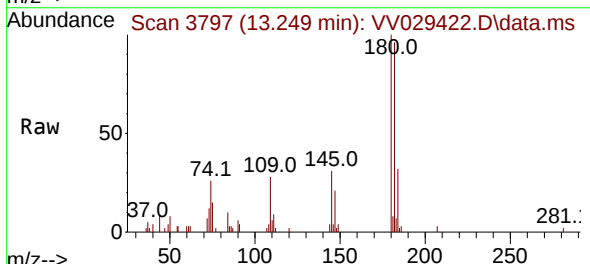
Tgt Ion:180 Resp: 1196
 Ion Ratio Lower Upper
 180 100
 182 87.2 76.5 114.7
 184 31.9 24.6 36.8
 145 27.8 23.0 34.6

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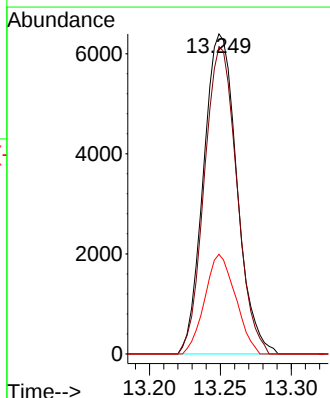
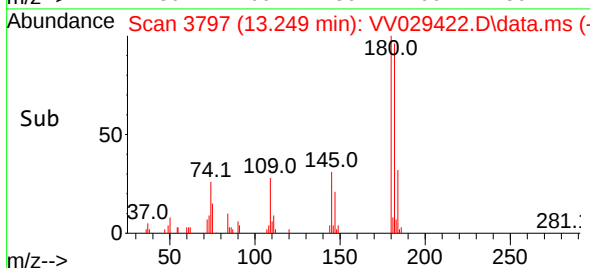
Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

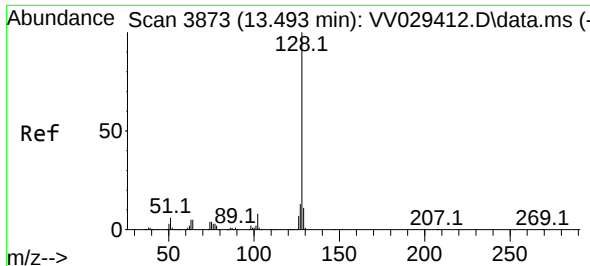


#70
 1,2,4-trichlorobenzene
 Concen: 2.060 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029422.D
 Acq: 07 Dec 2022 17:10



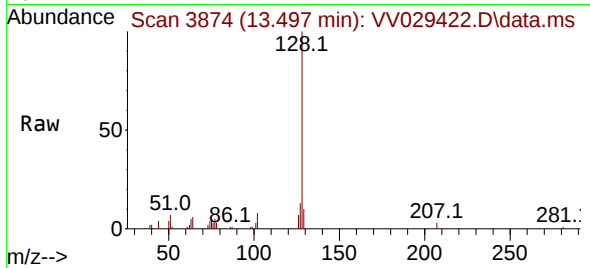
Tgt Ion:180 Resp: 10445
 Ion Ratio Lower Upper
 180 100
 182 93.4 76.3 114.5
 145 28.7 23.7 35.5





#71
Naphthalene
Concen: 1.787 ug/L m
RT: 13.497 min Scan# 3874
Delta R.T. 0.003 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10

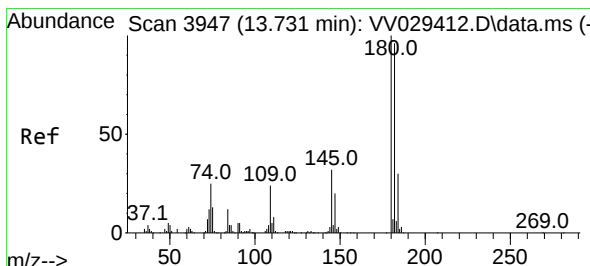
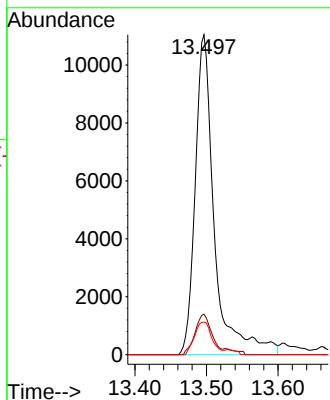
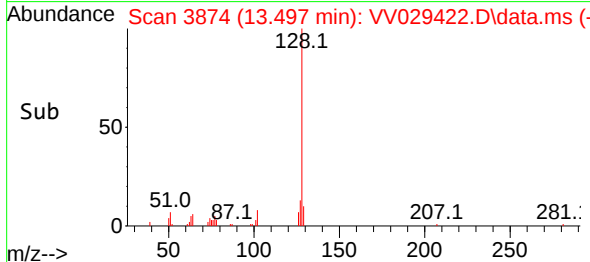
Instrument :
MSVOA_V
ClientSampleId :
MDL01



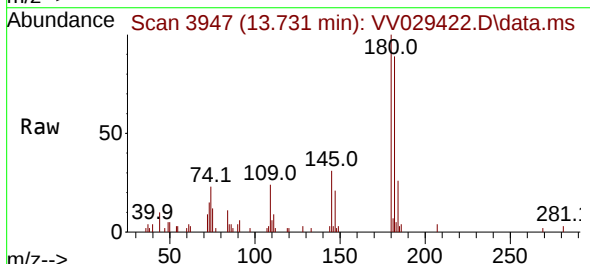
Tgt Ion:128 Resp: 2054
Ion Ratio Lower Upper
128 100
127 11.0 10.2 15.4
129 9.2 8.5 12.7

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



#72
1,2,3-Trichlorobenzene
Concen: 2.050 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VV029422.D
Acq: 07 Dec 2022 17:10



Tgt Ion:180 Resp: 10182
Ion Ratio Lower Upper
180 100
182 92.6 76.4 114.6
145 30.7 25.0 37.6

