

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050624\
 Data File : VW035542.D
 Acq On : 06 May 2024 18:09
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Quant Time: May 08 02:14:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 01:49:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024
 Supervised By :Semsettin
 Yesilyurt 05/08/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	429824	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	454524	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	236750	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	130668	19.669	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.680%		
7) Chloroethane-d5	1.529	69	110213	20.564	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.240%		
11) 1,1-Dichloroethene-d2	2.053	65	59913	20.371	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.480%		
21) 2-Butanone-d5	3.838	46	93814m	49.759	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.520%		
24) Chloroform-d	4.246	84	272995	21.364	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.440%		
26) 1,2-Dichloroethane-d4	4.941	65	147583	23.362	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.440%		
32) Benzene-d6	4.957	84	530243	21.312	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.240%		
36) 1,2-Dichloropropane-d6	5.985	67	171284	22.308	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.240%		
41) Toluene-d8	7.243	98	446341	20.157	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.640%		
43) trans-1,3-Dichloroprop...	7.555	79	69361	21.122	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.480%		
47) 2-Hexanone-d5	8.034	63	63352	45.885	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.760%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	176158	23.809	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	95.240%		
66) 1,2-Dichlorobenzene-d4	11.558	152	186460	22.694	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.760%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	10410	1.191	ug/L	98
3) Chloromethane	1.211	50	12664	1.443	ug/L	96
5) Vinyl chloride	1.278	62	10625	1.172	ug/L #	80
6) Bromomethane	1.484	94	7404	1.290	ug/L	99
8) Chloroethane	1.545	64	6284	1.125	ug/L	99
9) Trichlorofluoromethane	1.709	101	13002	1.099	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	9634	1.291	ug/L	87
12) 1,1-Dichloroethene	2.063	96	9256	1.373	ug/L #	1
13) Acetone	2.156	43	8017m	2.905	ug/L	
14) Carbon disulfide	2.236	76	27090	1.268	ug/L	100
15) Methyl Acetate	2.394	43	4774m	1.142	ug/L	
16) Methylene chloride	2.445	84	27376	2.762	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	8228	1.099	ug/L	94
18) Methyl tert-butyl Ether	2.706	73	17403	0.964	ug/L	98
19) 1,1-Dichloroethane	3.111	63	13968	0.995	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	8145	1.004	ug/L	96
22) 2-Butanone	3.941	43	6749m	2.633	ug/L	
23) Bromochloromethane	4.159	128	4176m	1.064	ug/L	
25) Chloroform	4.275	83	17330	1.196	ug/L	96

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 Yesilyurt 05/08/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.063	62	9946m	1.102	ug/L	
29) Cyclohexane	4.577	56	10261	0.944	ug/L	98
30) 1,1,1-Trichloroethane	4.516	97	12912	1.025	ug/L	98
31) Carbon tetrachloride	4.735	117	11590	1.048	ug/L	95
33) Benzene	5.014	78	32117m	1.068	ug/L	
34) Trichloroethene	5.844	95	8960	1.053	ug/L	95
35) Methylcyclohexane	6.047	83	14286m	1.106	ug/L	
37) 1,2-Dichloropropane	6.101	63	8980	1.144	ug/L	100
38) Bromodichloromethane	6.442	83	10418	0.980	ug/L	99
39) cis-1,3-Dichloropropene	6.966	75	12821m	1.044	ug/L	
40) 4-Methyl-2-pentanone	7.178	43	12209m	2.597	ug/L	
42) Toluene	7.323	91	30902	0.971	ug/L	99
44) trans-1,3-Dichloropropene	7.593	75	11444m	1.066	ug/L	
45) 1,1,2-Trichloroethane	7.780	97	6686	1.003	ug/L	87
46) Tetrachloroethene	7.908	164	7178	1.038	ug/L	94
48) 2-Hexanone	8.108	43	9109m	2.585	ug/L	
49) Dibromochloromethane	8.182	129	7657	1.018	ug/L	99
50) 1,2-Dibromoethane	8.294	107	6451	0.982	ug/L #	87
51) Chlorobenzene	8.818	112	22714	1.028	ug/L	97
52) Ethylbenzene	8.953	91	31586	0.899	ug/L	98
53) m,p-Xylene	9.079	106	10483	0.786	ug/L	97
54) o-Xylene	9.481	106	10291	0.814	ug/L	92
55) Styrene	9.506	104	16731	0.759	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.175	83	9054	1.115	ug/L #	95
59) Bromoform	9.670	173	4788	1.029	ug/L #	88
60) Isopropylbenzene	9.870	105	25776	0.817	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	6404	1.154	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	19061	0.770	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	19250	0.757	ug/L	95
64) 1,3-Dichlorobenzene	11.120	146	16351	0.988	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	18546	1.082	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	16940	1.087	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.368	75	1545	1.201	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.583	180	12249	0.947	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	10890	1.008	ug/L	95
71) Naphthalene	13.445	128	17652m	0.931	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	9164	0.943	ug/L	97

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

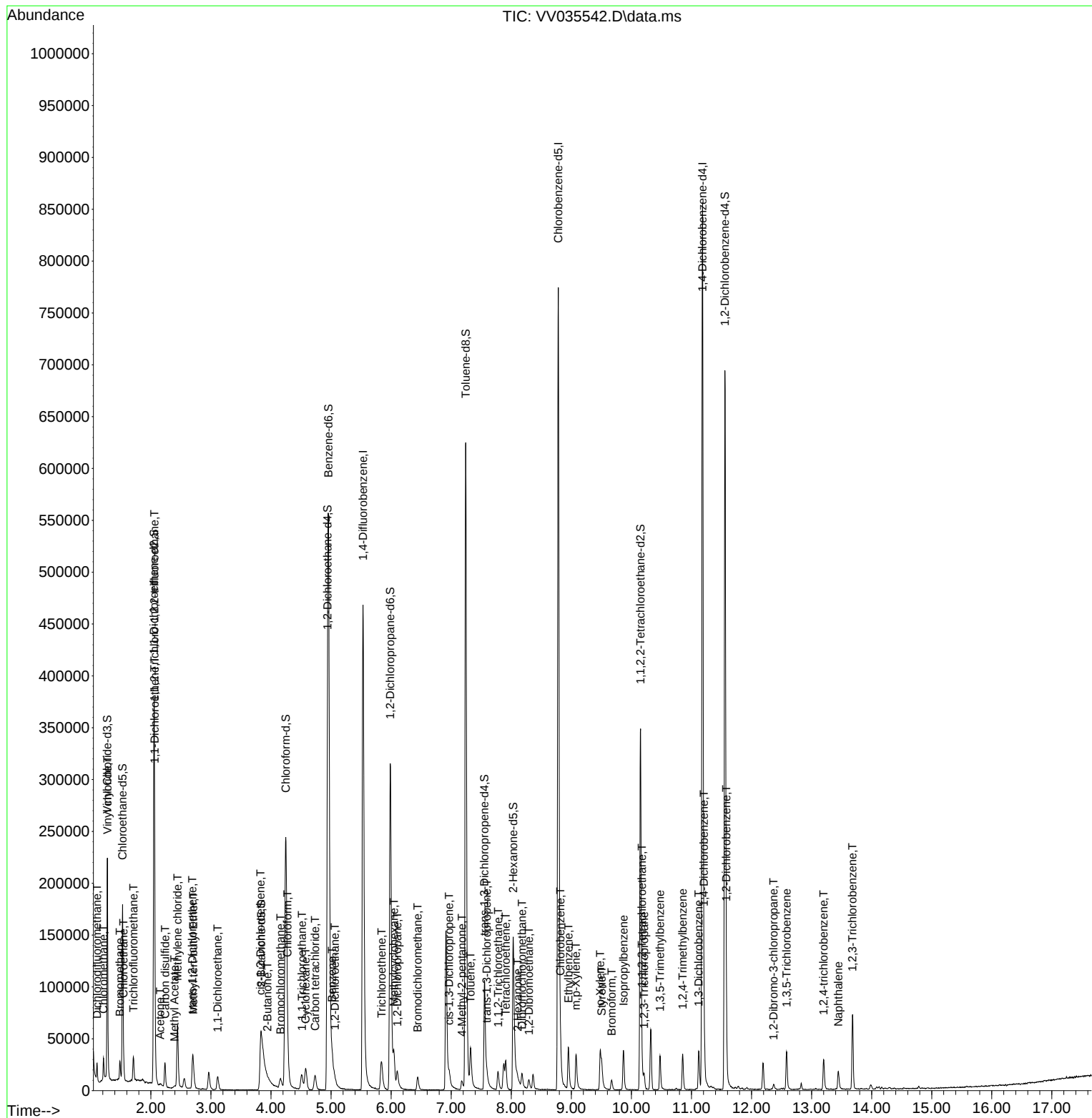
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 Data File : VV035542.D
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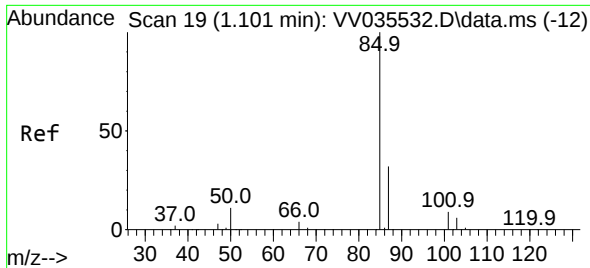
Instrument :
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 Yesilyurt 05/08/2024

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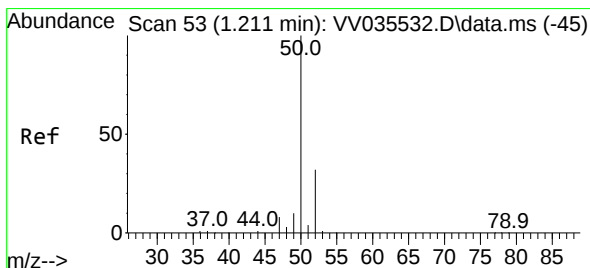
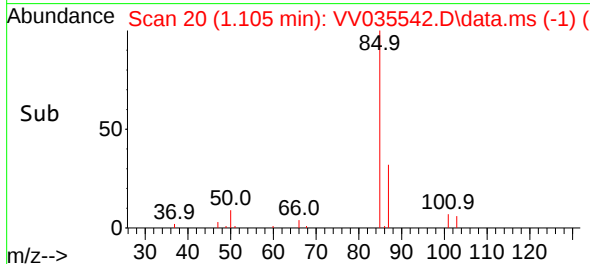
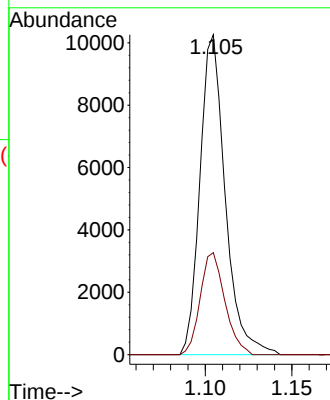
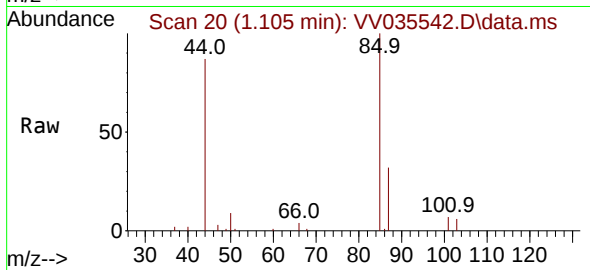
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Dichlorodifluoromethane
Concen: 1.191 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 85 Resp: 10410
Ion Ratio Lower Upper
85 100
87 31.1 25.8 38.6

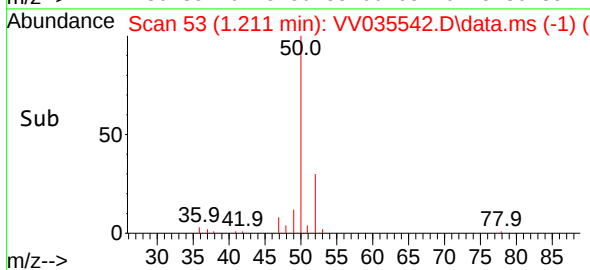
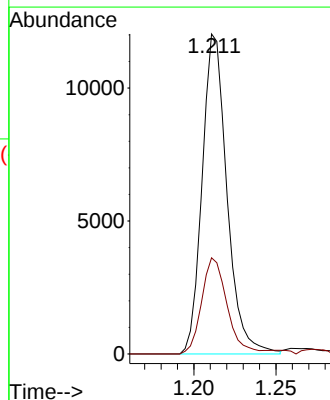
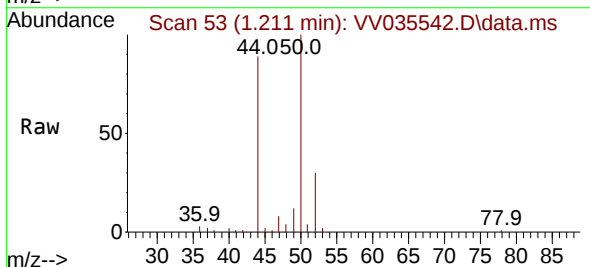
Manual Integrations
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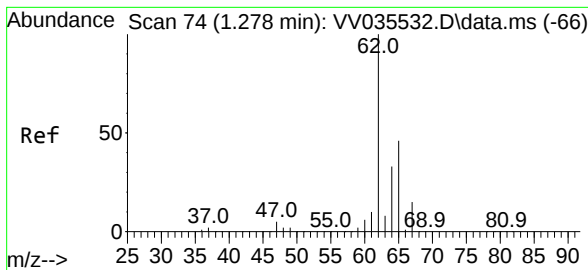
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024



#3
Chloromethane
Concen: 1.443 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

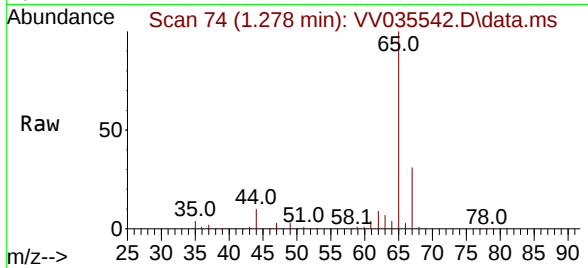
Tgt Ion: 50 Resp: 12664
Ion Ratio Lower Upper
50 100
52 30.1 22.7 42.1





#5
 Vinyl chloride
 Concen: 1.172 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV035542.D
 Acq: 06 May 2024 18:09

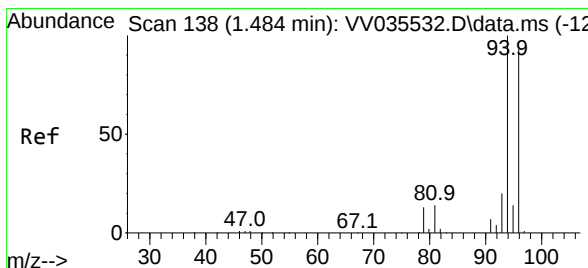
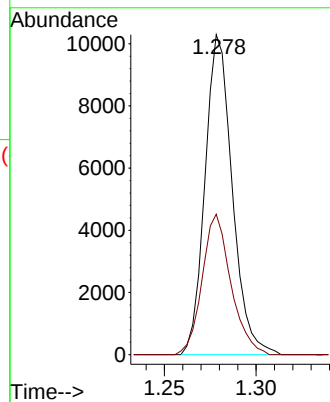
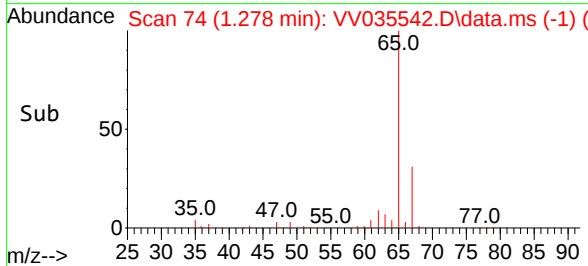
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02



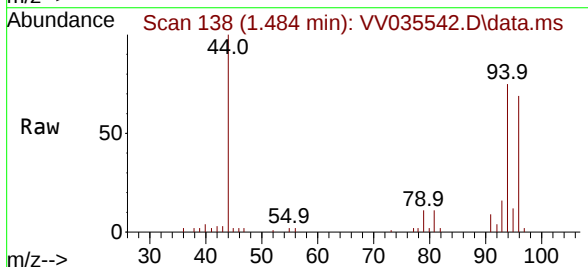
Tgt Ion: 62 Resp: 10625
 Ion Ratio Lower Upper
 62 100
 64 43.9 23.0 42.6

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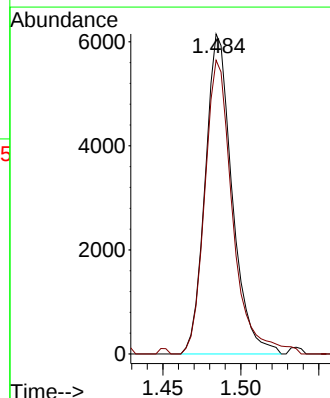
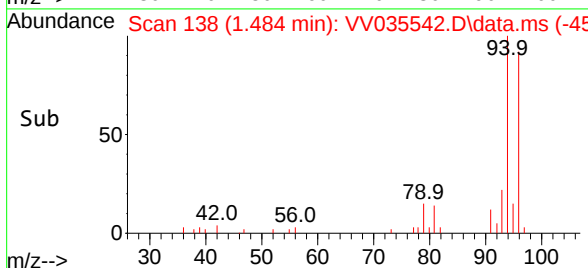
Reviewed By :Mahesh Dadoda 05/08/2024
 Supervised By :Semsettin
 Yesilyurt 05/08/2024

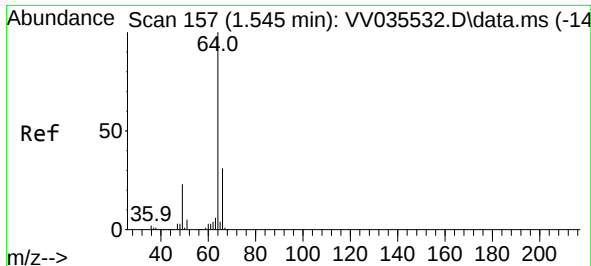


#6
 Bromomethane
 Concen: 1.290 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV035542.D
 Acq: 06 May 2024 18:09



Tgt Ion: 94 Resp: 7404
 Ion Ratio Lower Upper
 94 100
 96 91.8 65.2 121.0





#8

Chloroethane

Concen: 1.125 ug/L

RT: 1.545 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035542.D

Acq: 06 May 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 64 Resp: 6284

Ion Ratio Lower Upper

64 100

66 31.0 22.0 40.8

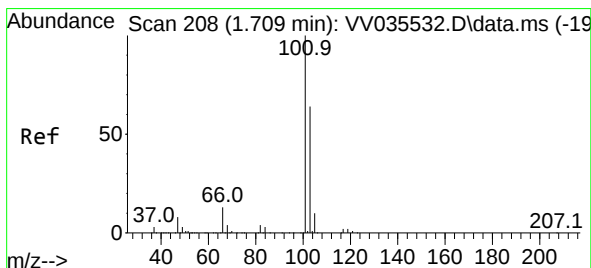
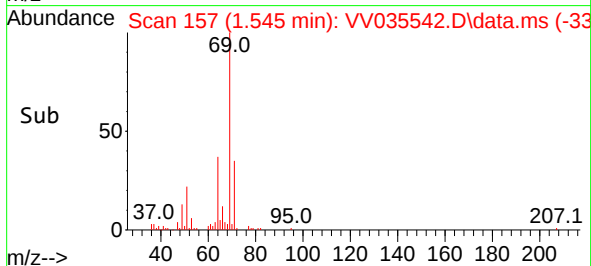
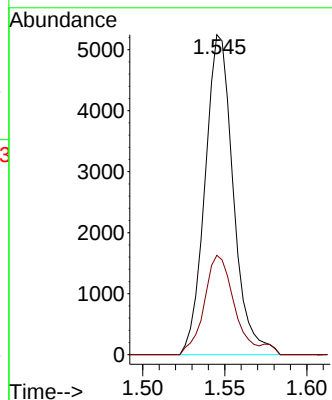
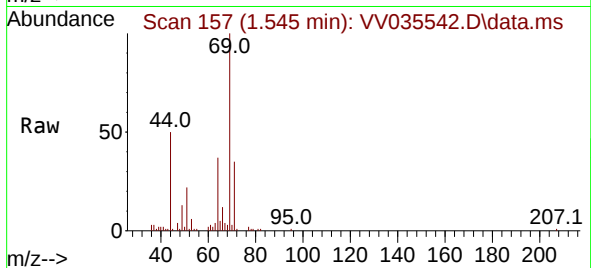
Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin

Yesilyurt 05/08/2024



#9

Trichlorofluoromethane

Concen: 1.099 ug/L

RT: 1.709 min Scan# 208

Delta R.T. 0.000 min

Lab File: VV035542.D

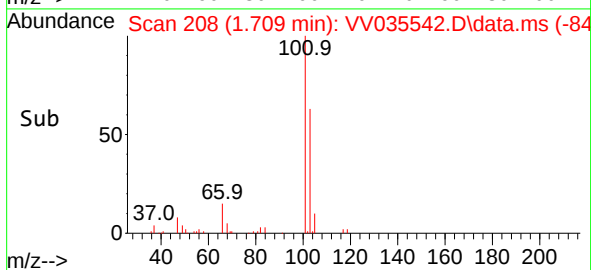
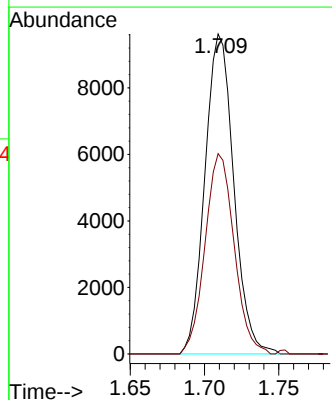
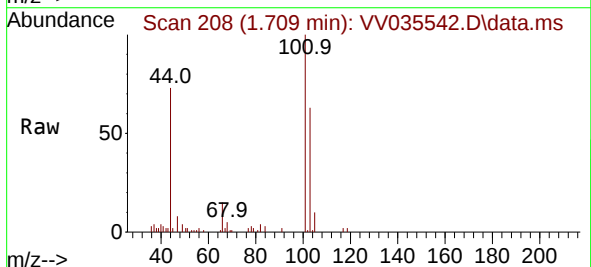
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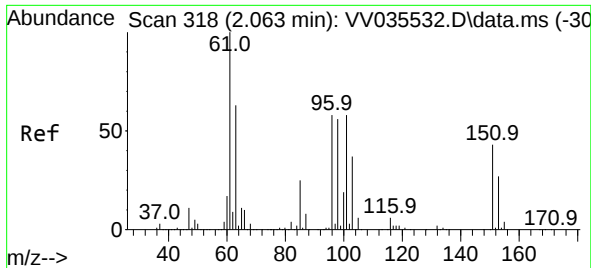
Tgt Ion:101 Resp: 13002

Ion Ratio Lower Upper

101 100

103 63.1 51.5 77.3





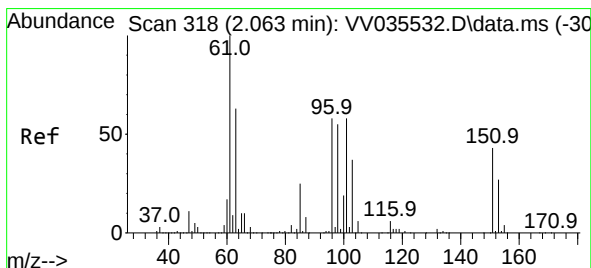
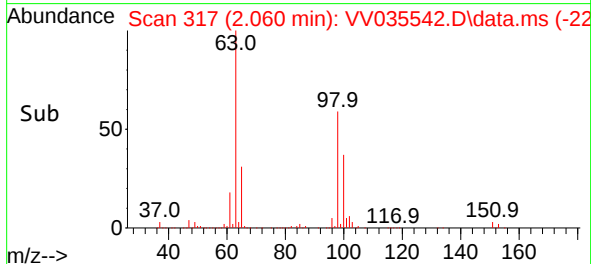
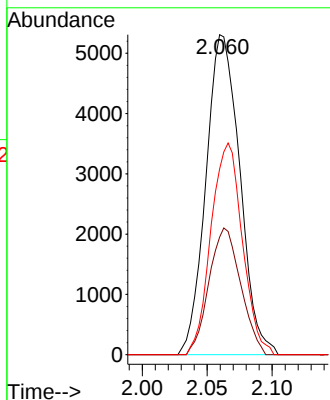
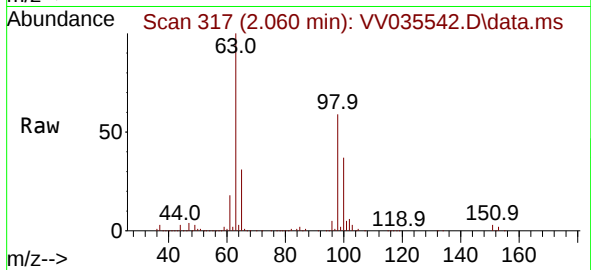
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.291 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV035542.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 9634
Ion Ratio Lower Upper
101 100
85 37.0 34.2 51.4
151 61.2 59.5 89.3

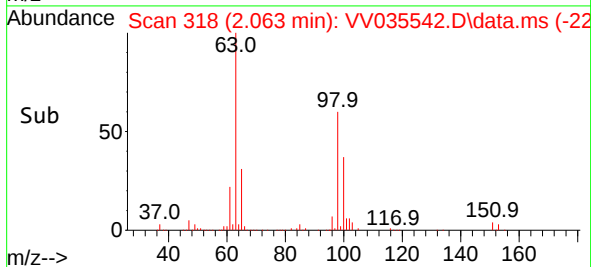
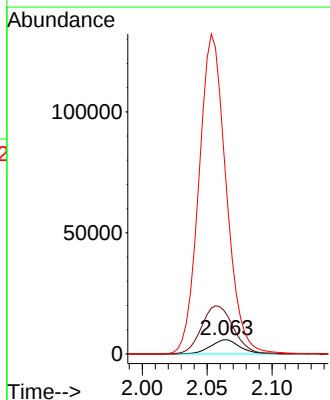
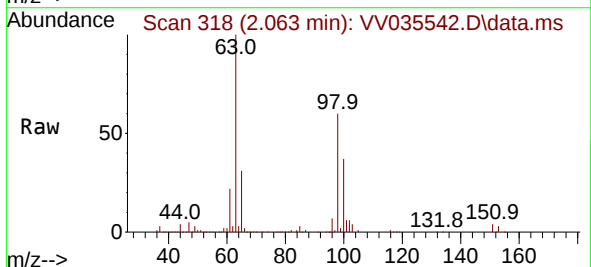
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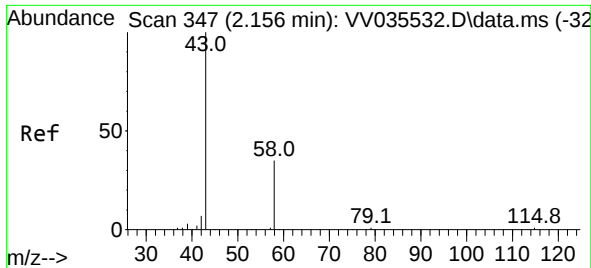
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024



#12
1,1-Dichloroethene
Concen: 1.373 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

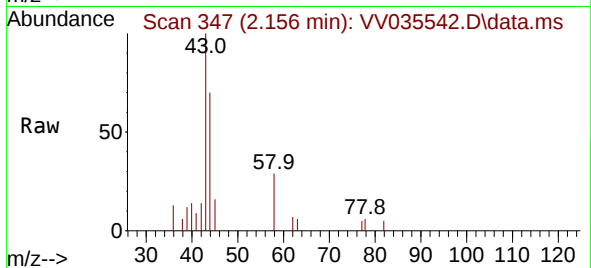
Tgt Ion: 96 Resp: 9256
Ion Ratio Lower Upper
96 100
61 305.9 119.8 222.4#
63 1415.4 75.6 140.4#





#13
Acetone
Concen: 2.905 ug/L m
RT: 2.156 min Scan# 347
Delta R.T. 0.000 min
Lab File: VV035542.D
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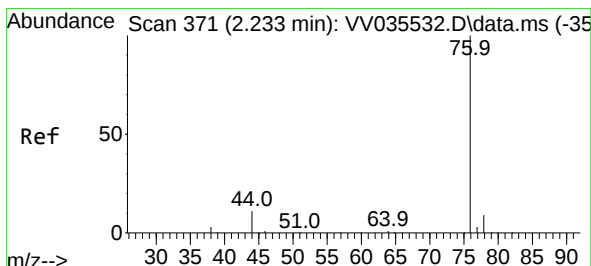
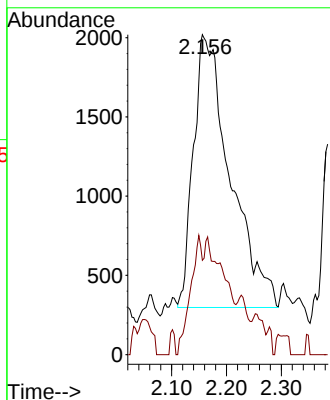
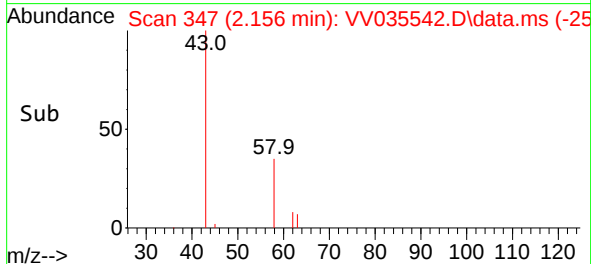
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Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
58 0.5 0.0 22.8

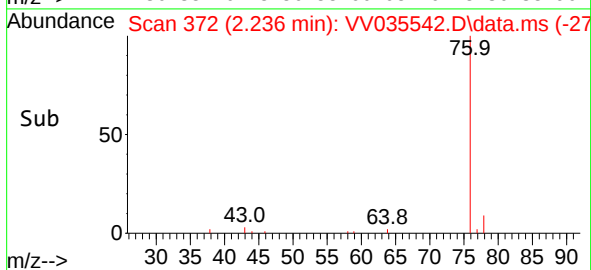
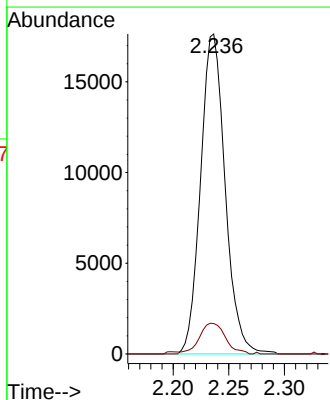
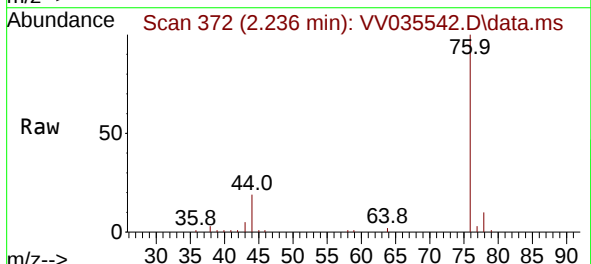
Manual Integrations
APPROVED

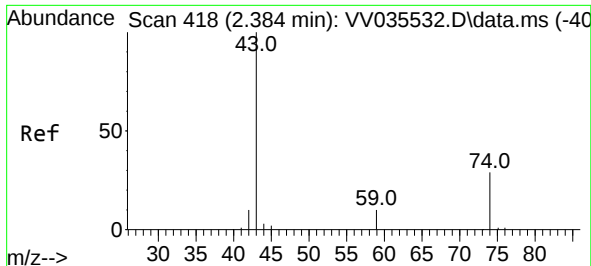
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024



#14
Carbon disulfide
Concen: 1.268 ug/L
RT: 2.236 min Scan# 372
Delta R.T. 0.003 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

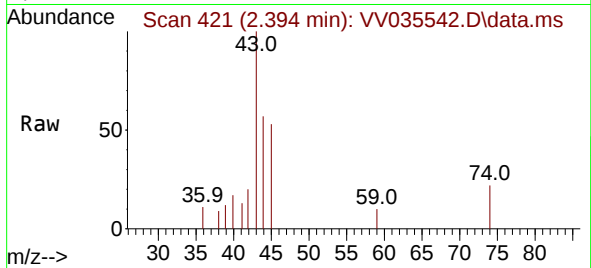
Tgt Ion: 76 Resp: 27090
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3





#15
Methyl Acetate
Concen: 1.142 ug/L m
RT: 2.394 min Scan# 418
Delta R.T. 0.010 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

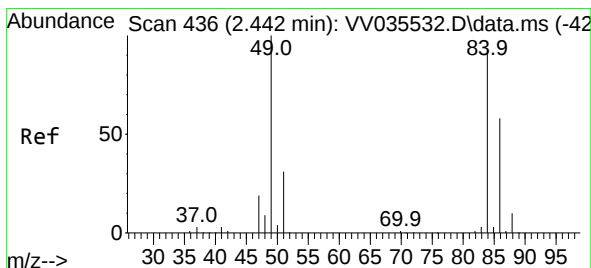
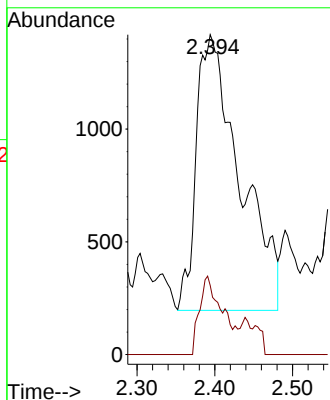
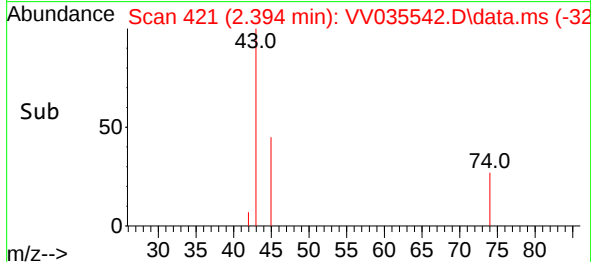
Instrument :
MSVOA_V
ClientSampleId :
MDL02



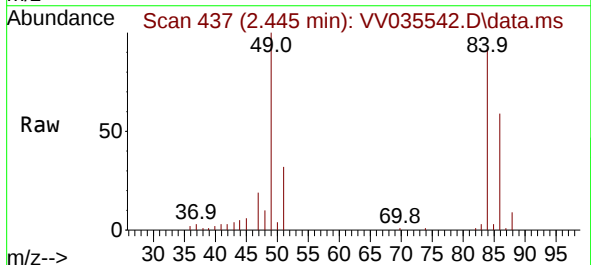
Tgt Ion: 43 Resp: 4774
Ion Ratio Lower Upper
43 100
74 11.6 18.6 27.8

Manual Integrations
APPROVED

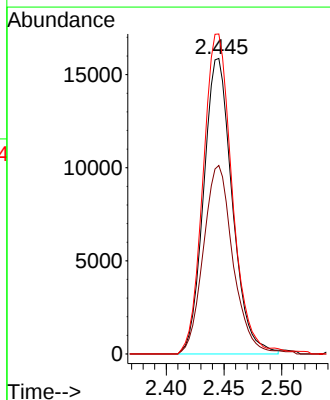
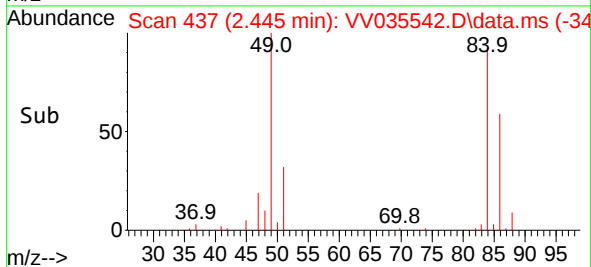
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024

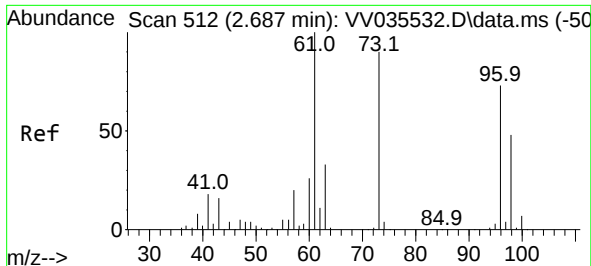


#16
Methylene chloride
Concen: 2.762 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09



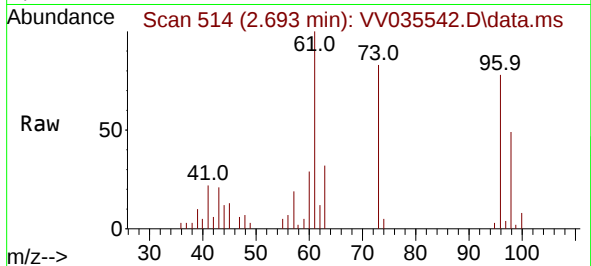
Tgt Ion: 84 Resp: 27376
Ion Ratio Lower Upper
84 100
86 63.8 43.8 81.3
49 108.3 75.3 139.9





#17
trans-1,2-Dichloroethene
Concen: 1.099 ug/L
RT: 2.693 min Scan# 512
Delta R.T. 0.006 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

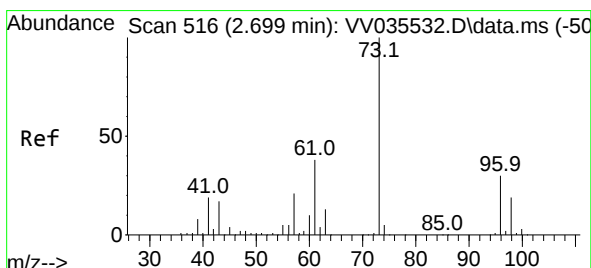
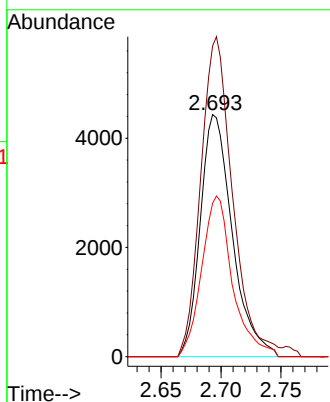
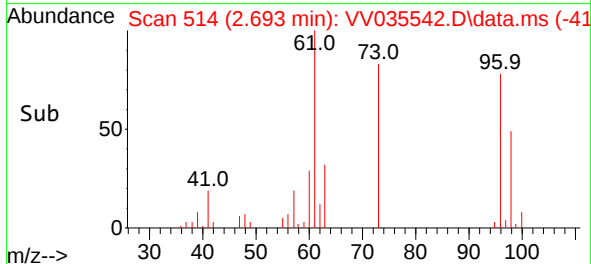
Instrument :
MSVOA_V
ClientSampleId :
MDL02



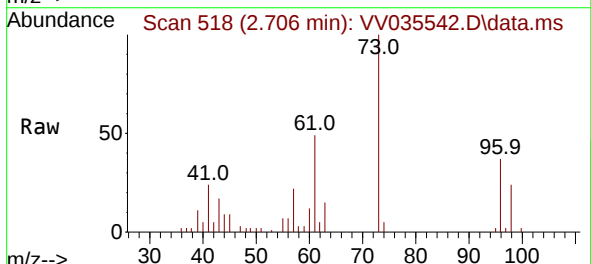
Tgt Ion: 96 Resp: 8228
Ion Ratio Lower Upper
96 100
61 128.3 95.5 177.4
98 63.4 46.0 85.4

Manual Integrations
APPROVED

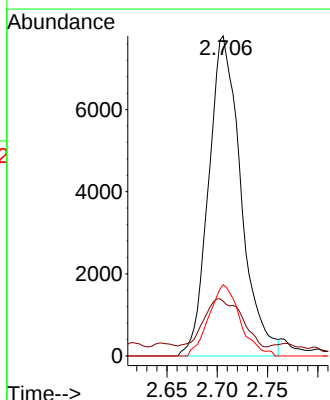
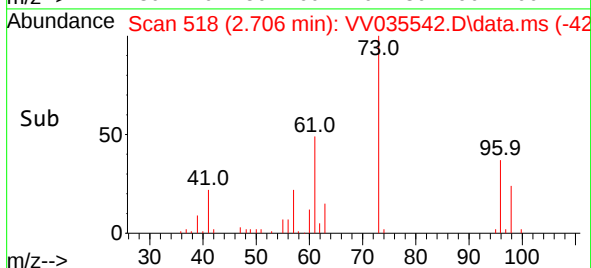
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024

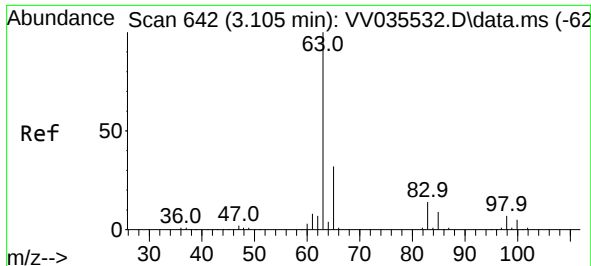


#18
Methyl tert-butyl Ether
Concen: 0.964 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09



Tgt Ion: 73 Resp: 17403
Ion Ratio Lower Upper
73 100
43 18.3 13.3 19.9
57 21.3 17.4 26.2





#19

1,1-Dichloroethane

Concen: 0.995 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV035542.D

Acq: 06 May 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 63 Resp: 1396

Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.7	42.3
83	14.7	9.7	17.9

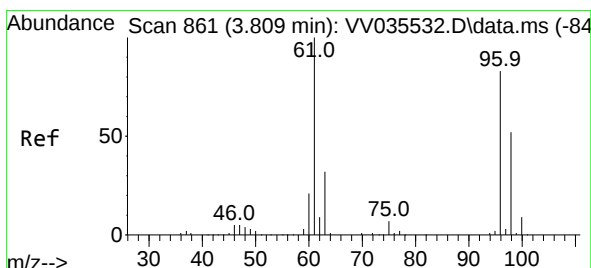
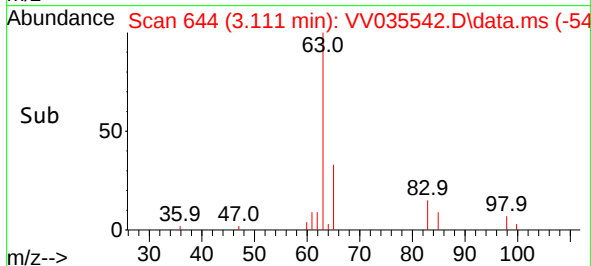
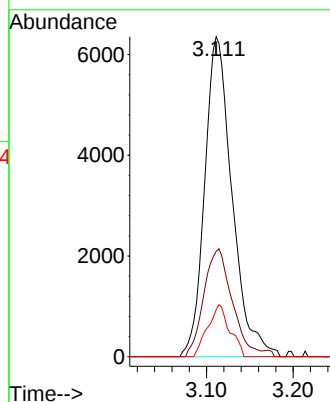
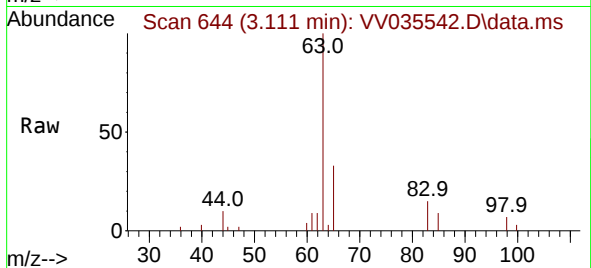
Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin

Yesilyurt 05/08/2024



#20

cis-1,2-Dichloroethene

Concen: 1.004 ug/L

RT: 3.825 min Scan# 866

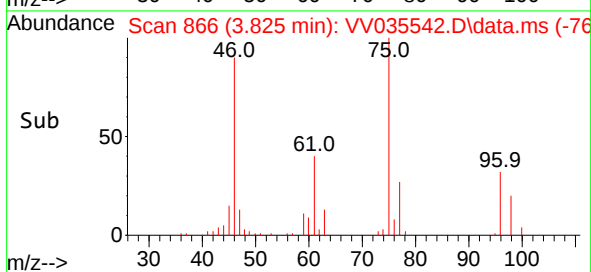
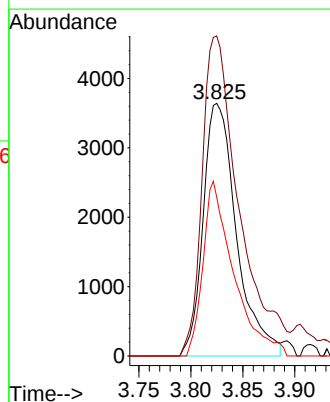
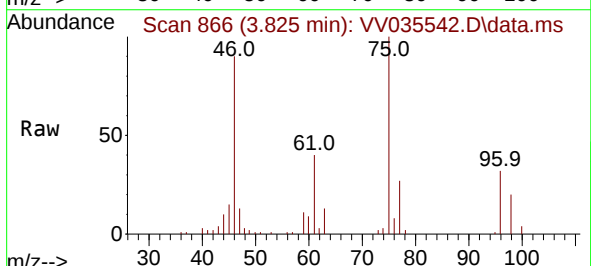
Delta R.T. 0.016 min

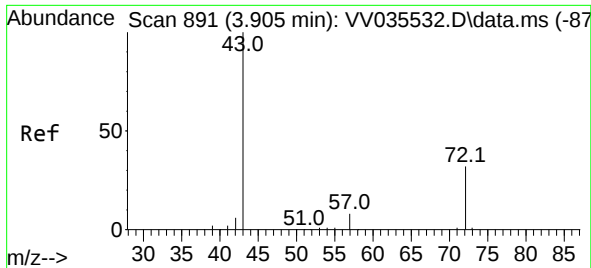
Lab File: VV035542.D

Acq: 06 May 2024 18:09

Tgt Ion: 96 Resp: 8145

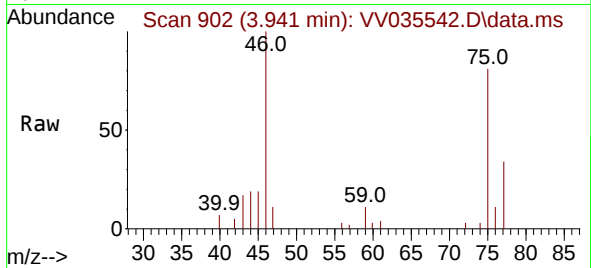
Ion	Ratio	Lower	Upper
96	100		
61	126.7	83.9	155.9
98	62.9	44.0	81.8





#22
2-Butanone
Concen: 2.633 ug/L m
RT: 3.941 min Scan# 901
Delta R.T. 0.035 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

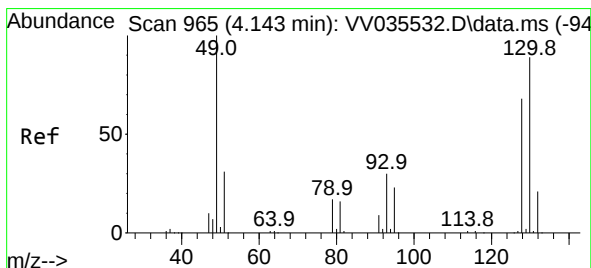
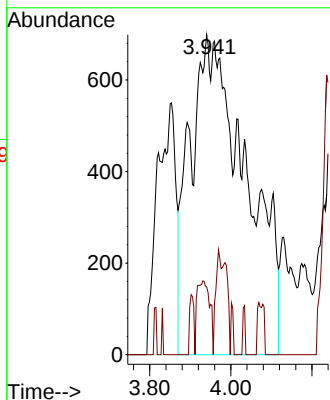
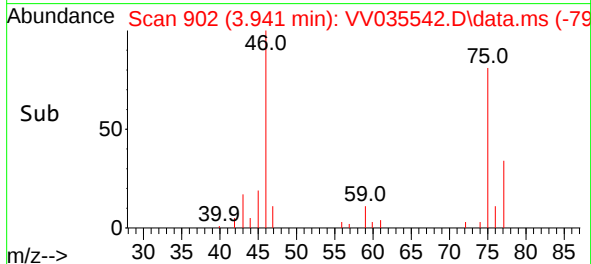
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 6749
Ion Ratio Lower Upper
43 100
72 0.6 12.3 36.9

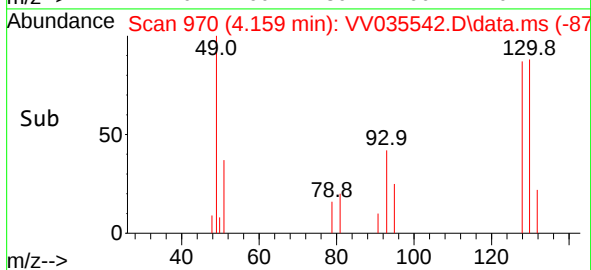
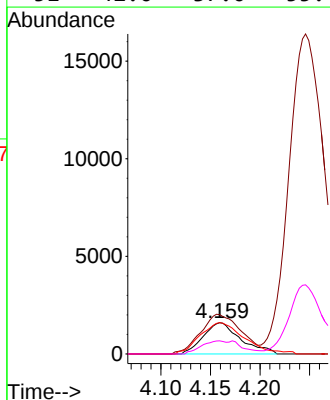
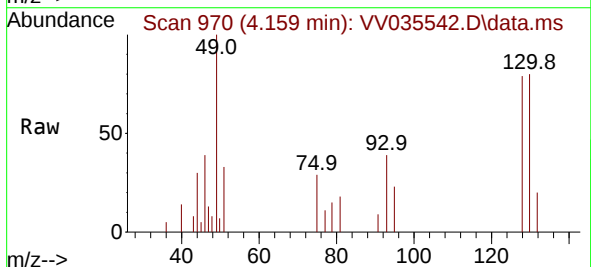
Manual Integrations
APPROVED

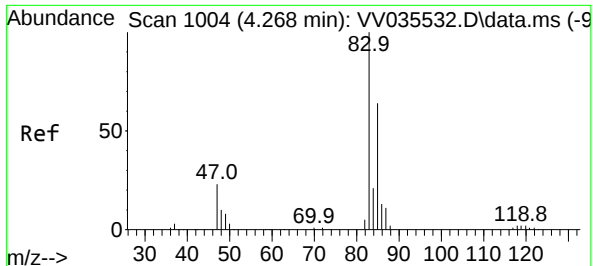
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024



#23
Bromochloromethane
Concen: 1.064 ug/L m
RT: 4.159 min Scan# 970
Delta R.T. 0.016 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

Tgt Ion:128 Resp: 4176
Ion Ratio Lower Upper
128 100
49 126.3 103.1 191.5
130 100.7 91.8 170.4
51 42.0 37.0 55.4





#25

Chloroform

Concen: 1.196 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.006 min

Lab File: VV035542.D

Acq: 06 May 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 83 Resp: 17330

Ion Ratio Lower Upper

83 100

85 66.8 44.7 82.9

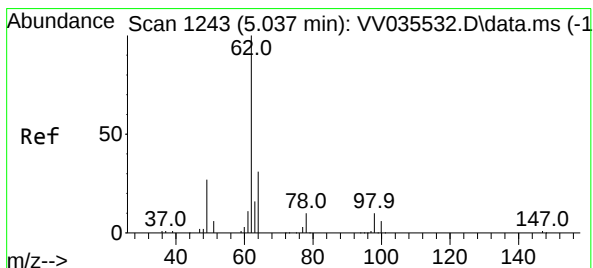
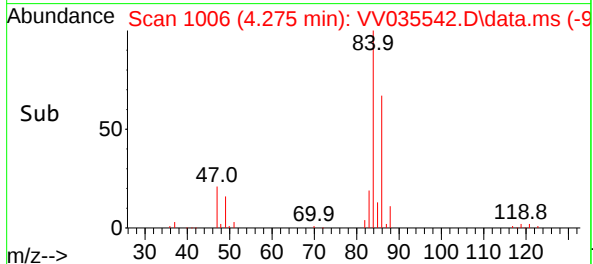
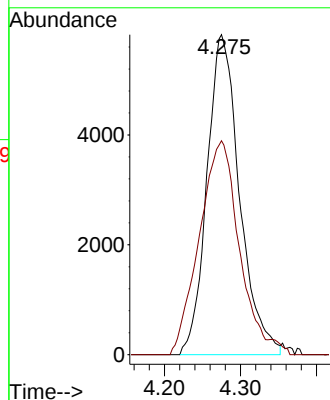
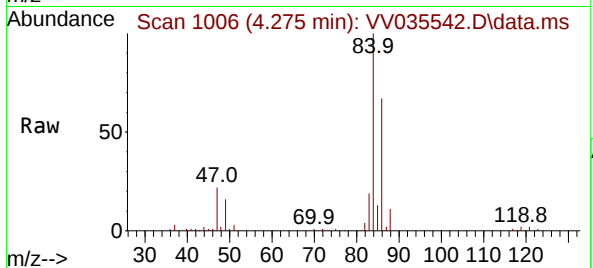
Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin

Yesilyurt 05/08/2024



#27

1,2-Dichloroethane

Concen: 1.102 ug/L m

RT: 5.063 min Scan# 1251

Delta R.T. 0.026 min

Lab File: VV035542.D

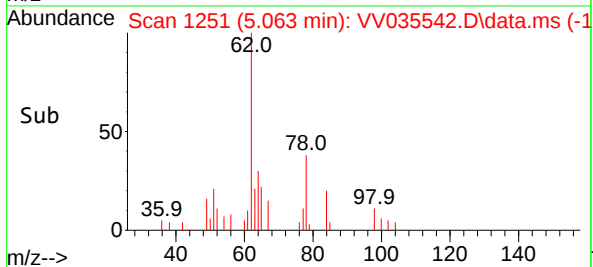
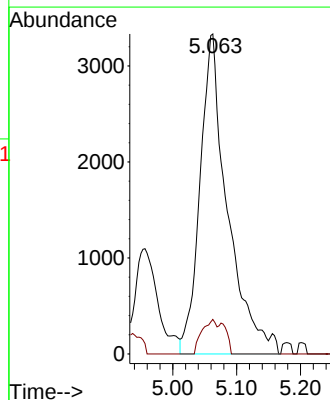
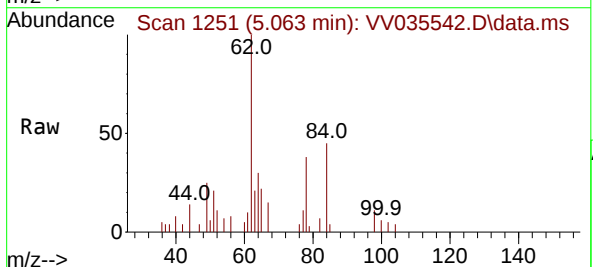
Acq: 06 May 2024 18:09

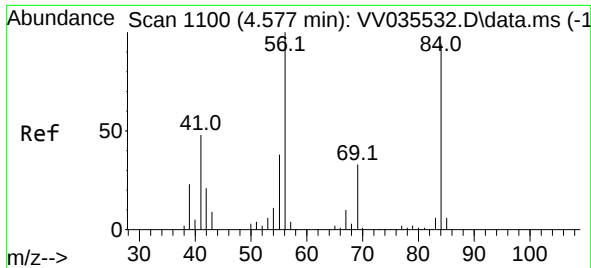
Tgt Ion: 62 Resp: 9946

Ion Ratio Lower Upper

62 100

98 10.8 8.2 12.2





#29

Cyclohexane

Concen: 0.944 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035542.D

Acq: 06 May 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 56	Resp: 1026
Ion Ratio	Lower Upper
56 100	
69 31.8	25.6 38.4
84 91.2	74.8 112.2

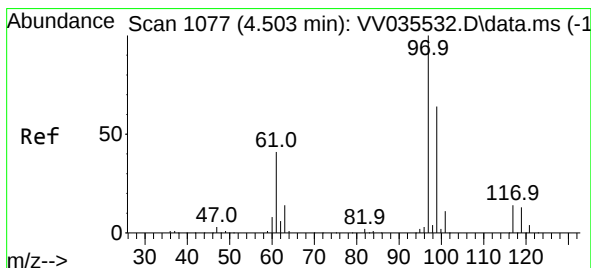
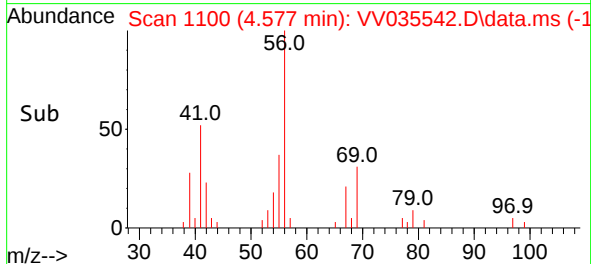
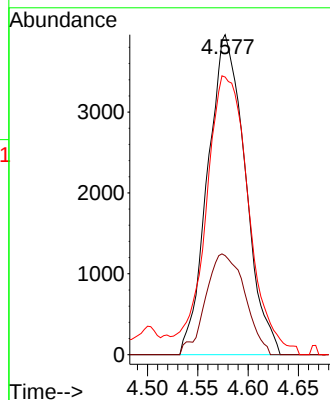
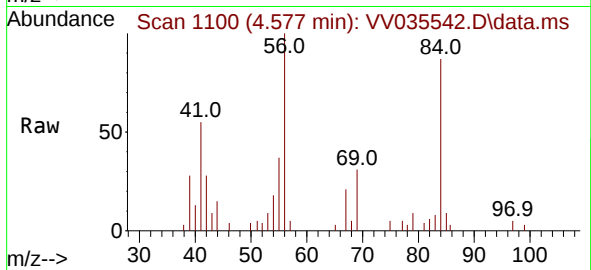
Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin

Yesilyurt 05/08/2024



#30

1,1,1-Trichloroethane

Concen: 1.025 ug/L

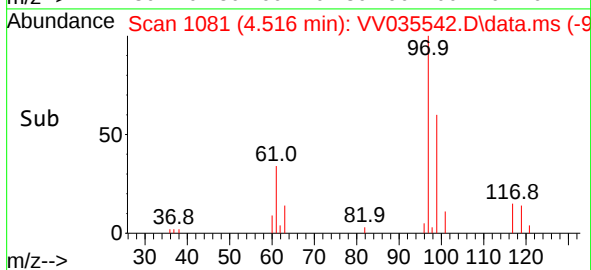
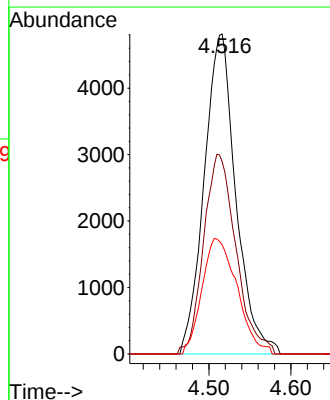
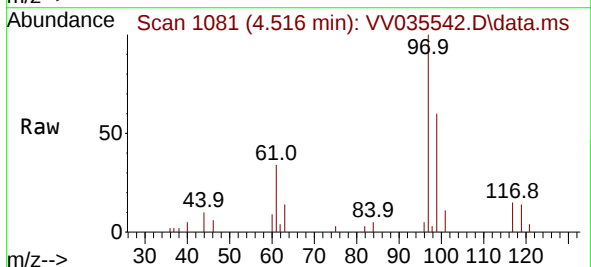
RT: 4.516 min Scan# 1081

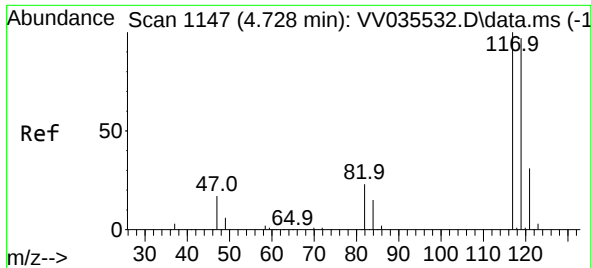
Delta R.T. 0.013 min

Lab File: VV035542.D

Acq: 06 May 2024 18:09

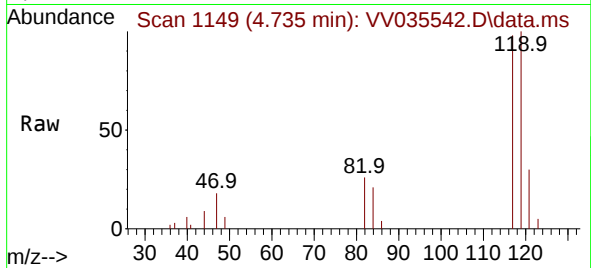
Tgt Ion: 97	Resp: 12912
Ion Ratio	Lower Upper
97 100	
99 63.5	51.7 77.5
61 39.9	33.5 50.3





#31
Carbon tetrachloride
Concen: 1.048 ug/L
RT: 4.735 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

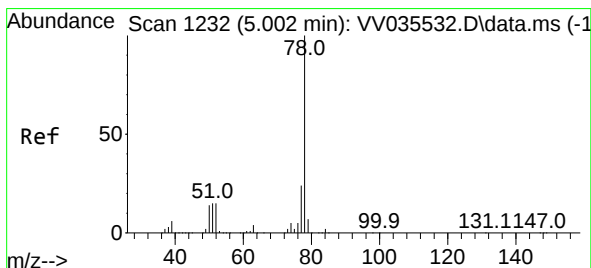
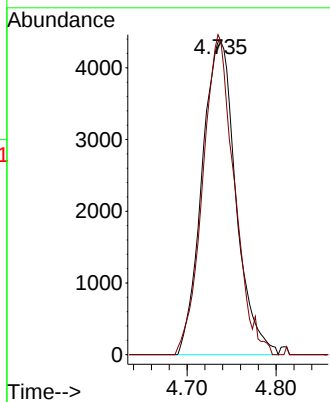
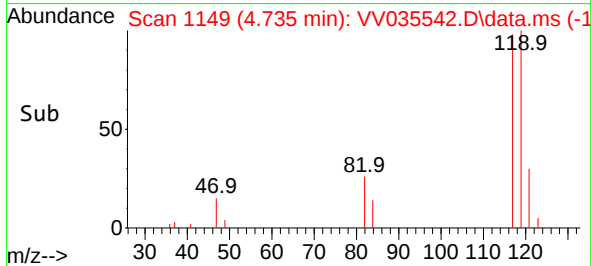
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:117 Resp: 11590
Ion Ratio Lower Upper
117 100
119 92.1 77.3 115.9

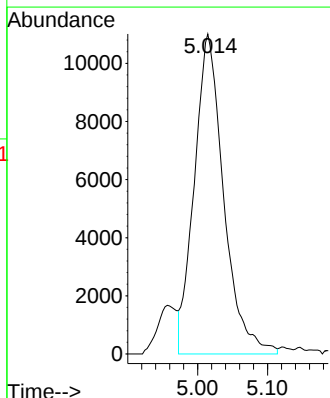
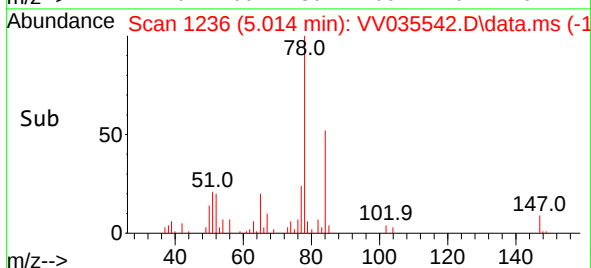
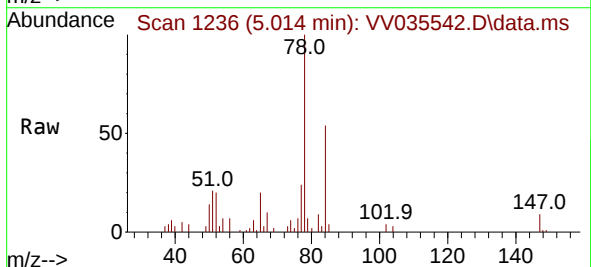
Manual Integrations
APPROVED

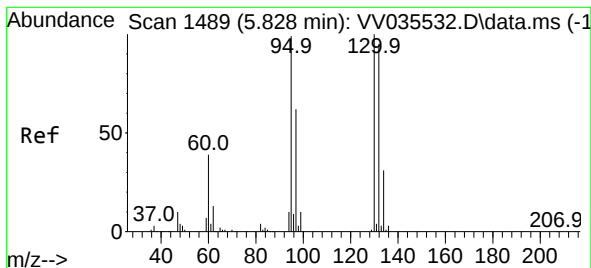
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024



#33
Benzene
Concen: 1.068 ug/L m
RT: 5.014 min Scan# 1236
Delta R.T. 0.013 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

Tgt Ion: 78 Resp: 32117





#34

Trichloroethene

Concen: 1.053 ug/L

RT: 5.844 min Scan# 1489

Delta R.T. 0.016 min

Lab File: VV035542.D

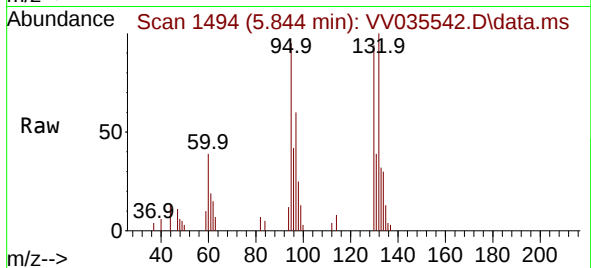
Acq: 06 May 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :

MDL02



Tgt Ion: 95 Resp: 8960

Ion Ratio Lower Upper

95 100

97 63.5 43.8 81.4

132 105.5 67.1 124.7

130 99.4 70.7 131.3

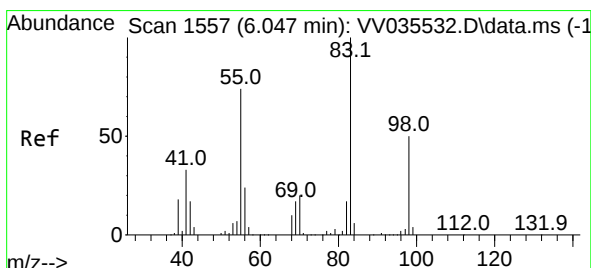
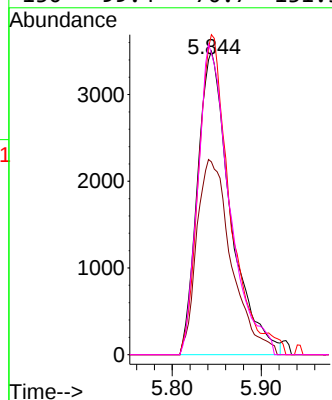
Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin

Yesilyurt 05/08/2024



#35

Methylcyclohexane

Concen: 1.106 ug/L m

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035542.D

Acq: 06 May 2024 18:09

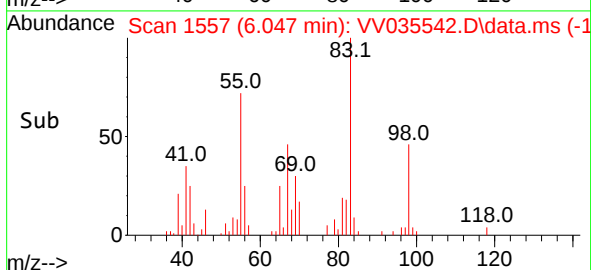
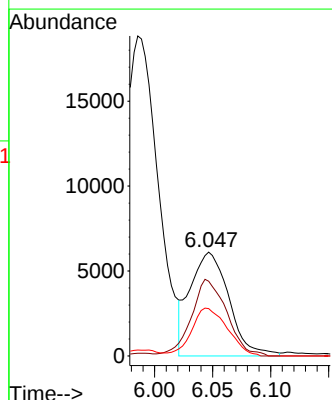
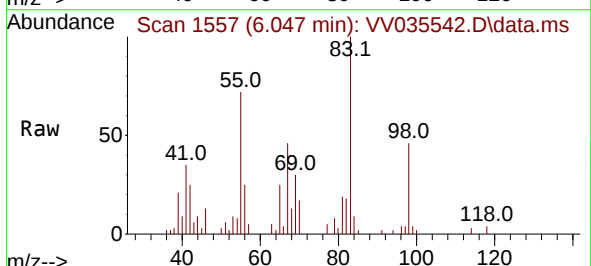
Tgt Ion: 83 Resp: 14286

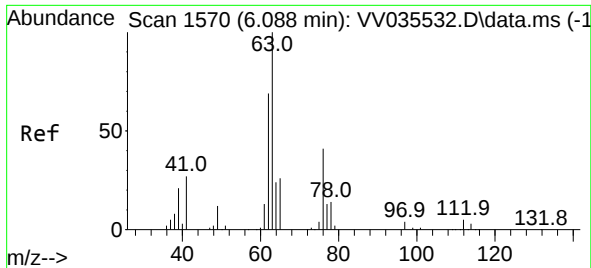
Ion Ratio Lower Upper

83 100

55 67.1 57.5 86.3

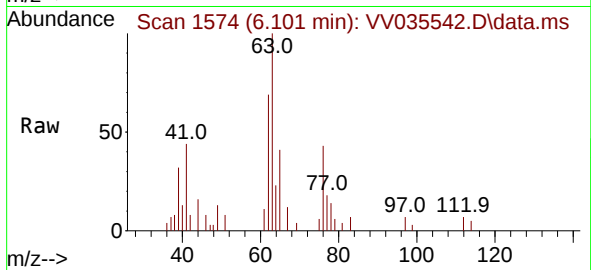
98 42.3 38.6 58.0





#37
1,2-Dichloropropane
Concen: 1.144 ug/L
RT: 6.101 min Scan# 1570
Delta R.T. 0.013 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

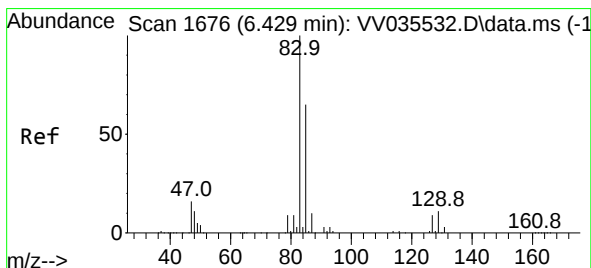
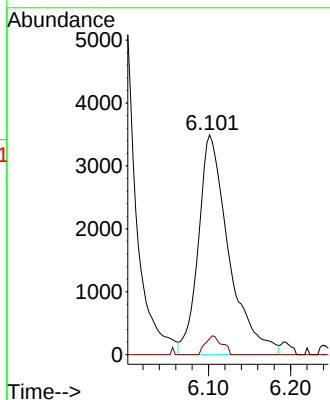
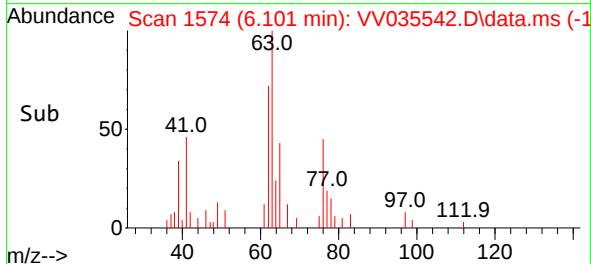
Instrument :
MSVOA_V
ClientSampleId :
MDL02



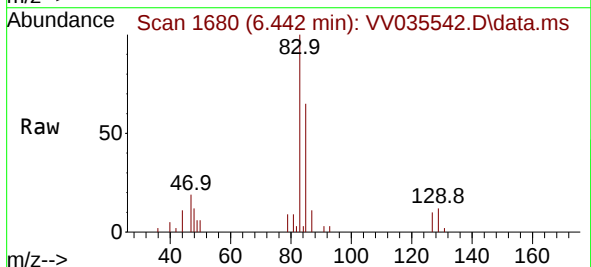
Tgt Ion: 63 Resp: 8980
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6

Manual Integrations
APPROVED

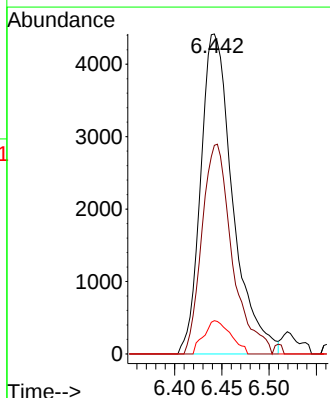
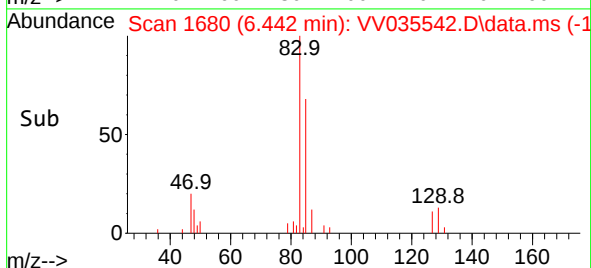
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024

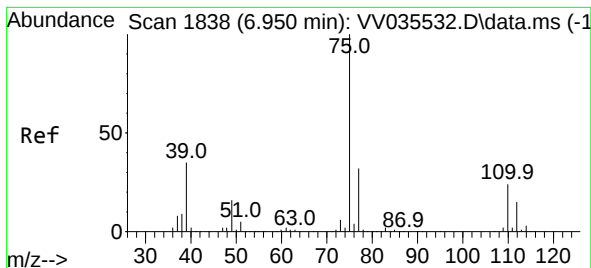


#38
Bromodichloromethane
Concen: 0.980 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09



Tgt Ion: 83 Resp: 10418
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.9
127 10.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 1.044 ug/L m

RT: 6.966 min Scan# 1838

Delta R.T. 0.016 min

Lab File: VV035542.D

Acq: 06 May 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 75 Resp: 1282

Ion Ratio Lower Upper

75 100

77 35.0 22.5 41.9

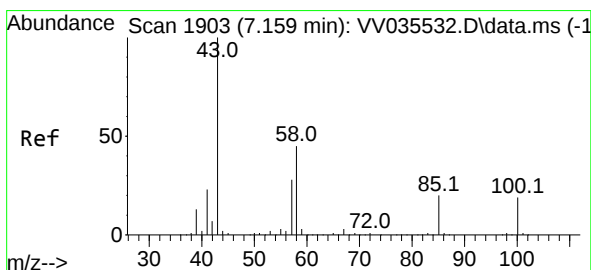
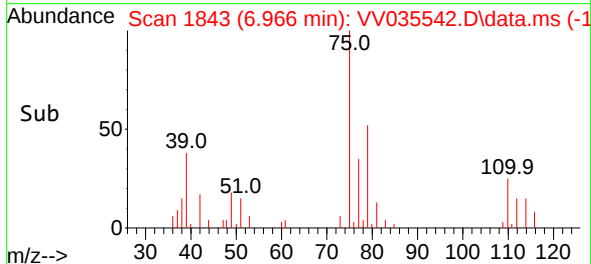
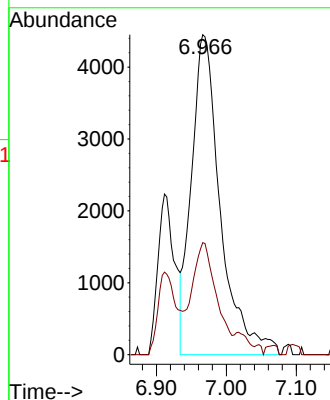
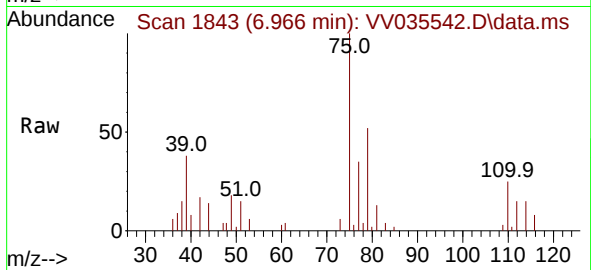
Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin

Yesilyurt 05/08/2024



#40

4-Methyl-2-pentanone

Concen: 2.597 ug/L m

RT: 7.178 min Scan# 1909

Delta R.T. 0.019 min

Lab File: VV035542.D

Acq: 06 May 2024 18:09

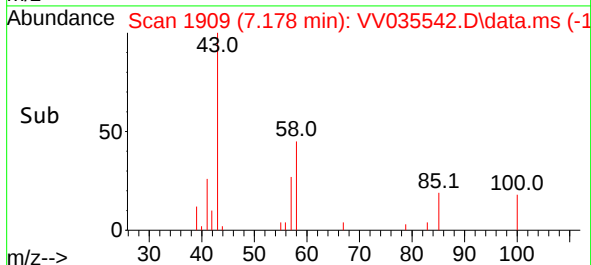
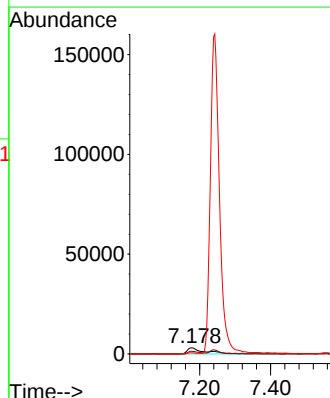
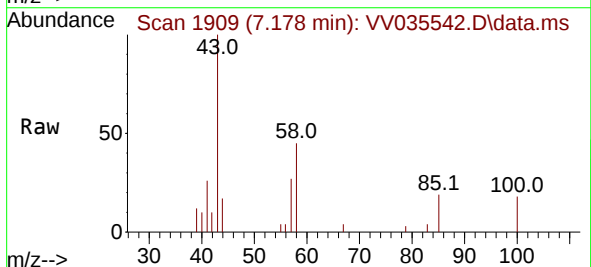
Tgt Ion: 43 Resp: 12209

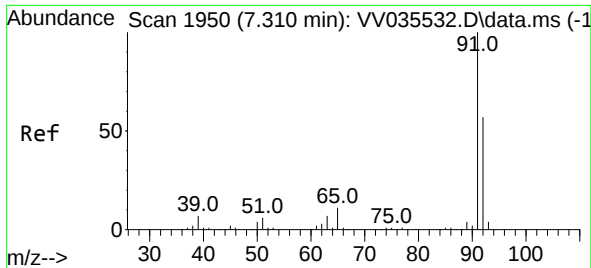
Ion Ratio Lower Upper

43 100

58 24.9 34.8 52.2#

100 9.0 13.9 20.9#





#42

Toluene

Concen: 0.971 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VV035542.D

Acq: 06 May 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 91 Resp: 3090

Ion Ratio Lower Upper

91 100

92 58.3 40.2 74.6

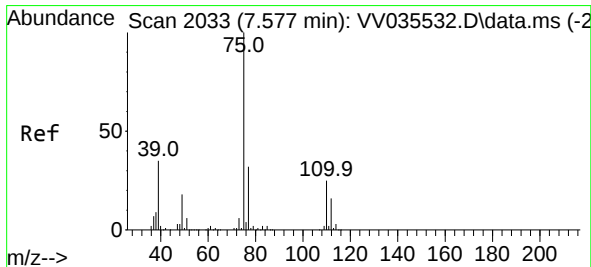
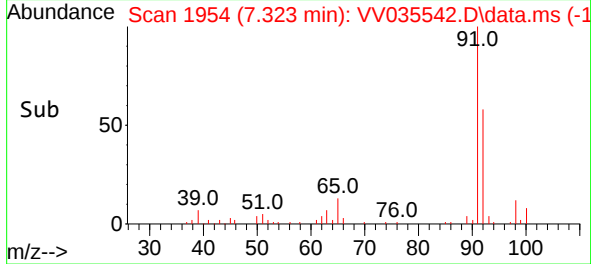
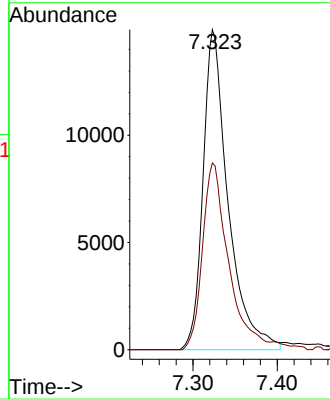
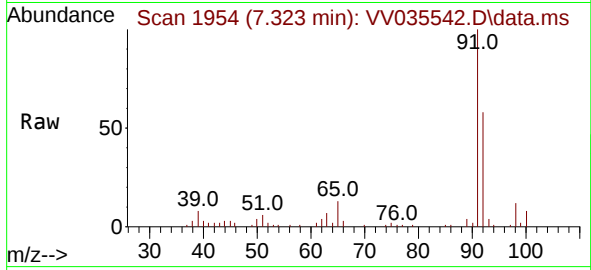
Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin

Yesilyurt 05/08/2024



#44

trans-1,3-Dichloropropene

Concen: 1.066 ug/L m

RT: 7.593 min Scan# 2038

Delta R.T. 0.016 min

Lab File: VV035542.D

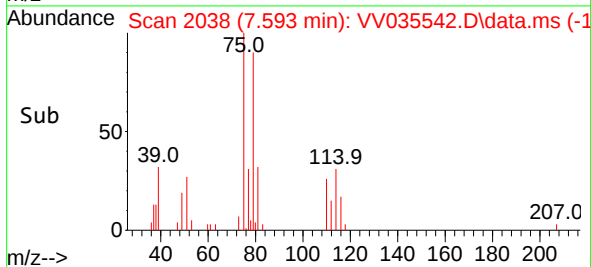
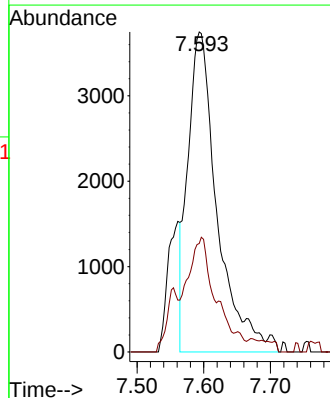
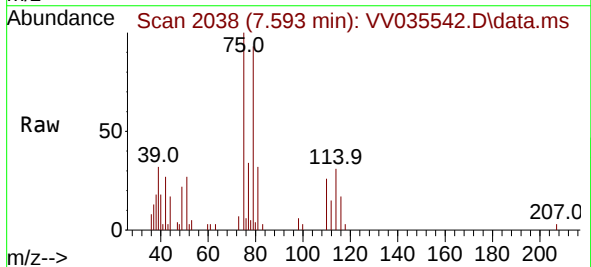
Acq: 06 May 2024 18:09

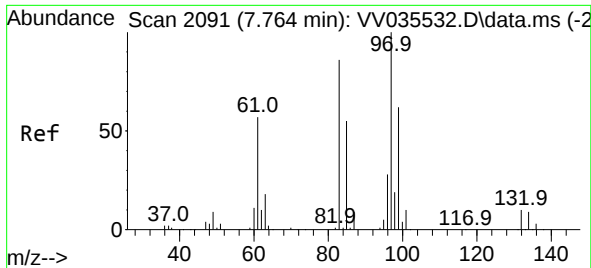
Tgt Ion: 75 Resp: 11444

Ion Ratio Lower Upper

75 100

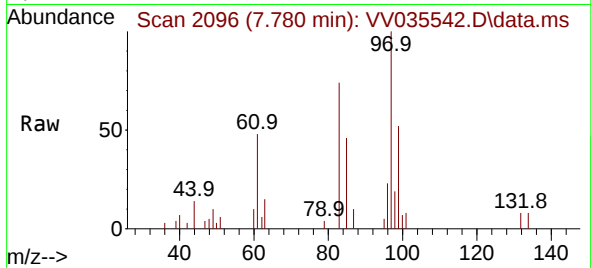
77 33.9 22.4 41.6





#45
1,1,2-Trichloroethane
Concen: 1.003 ug/L
RT: 7.780 min Scan# 2091
Delta R.T. 0.016 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

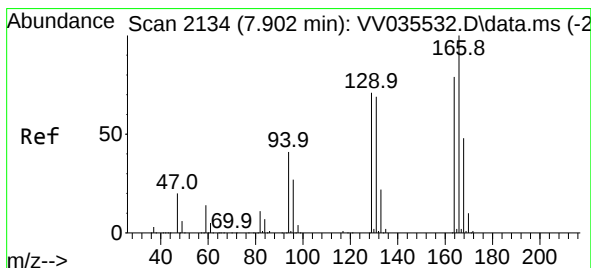
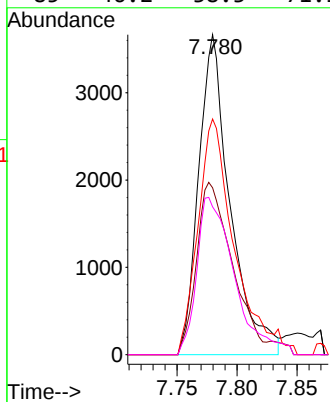
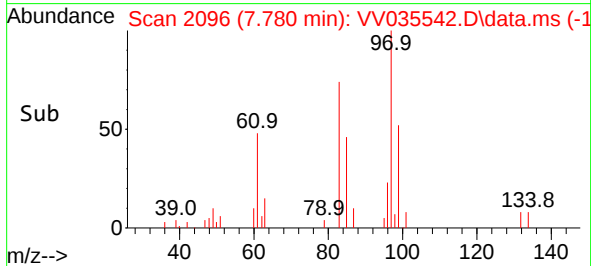
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion	Ratio	Lower	Upper
97	100		
99	52.1	43.3	80.3
83	73.6	60.3	111.9
85	46.2	38.3	71.1

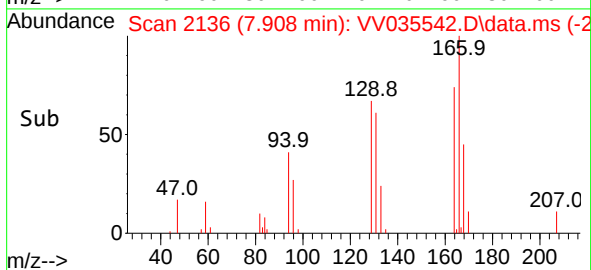
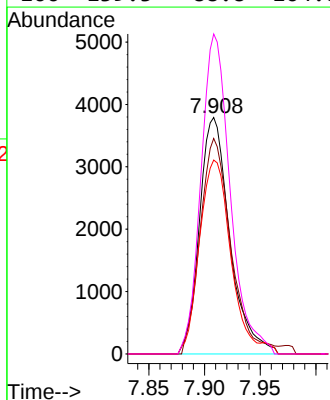
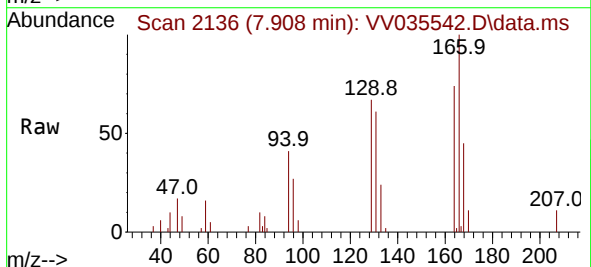
Manual Integrations
APPROVED

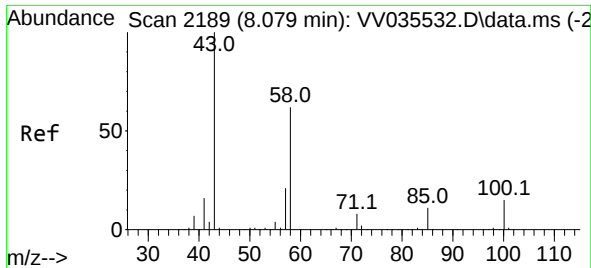
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024



#46
Tetrachloroethene
Concen: 1.038 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

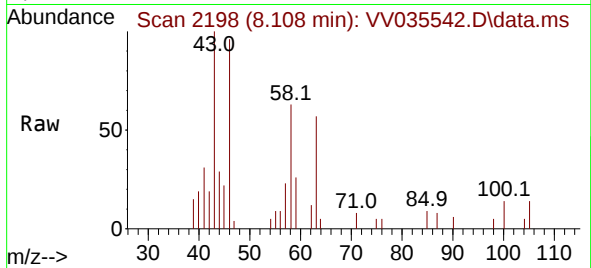
Tgt Ion	Ratio	Lower	Upper
164	100		
129	91.2	63.4	117.8
131	82.0	61.0	113.4
166	139.3	88.8	164.8





#48
2-Hexanone
Concen: 2.585 ug/L m
RT: 8.108 min Scan# 2189
Delta R.T. 0.029 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

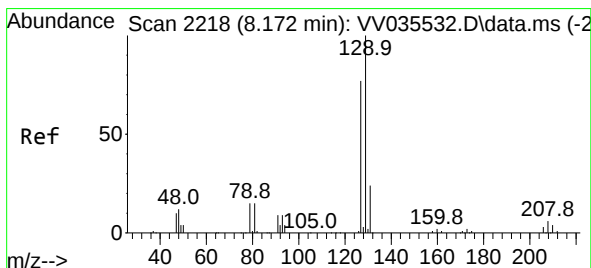
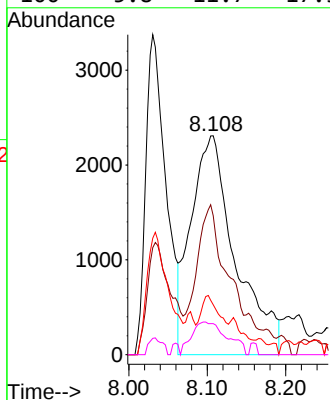
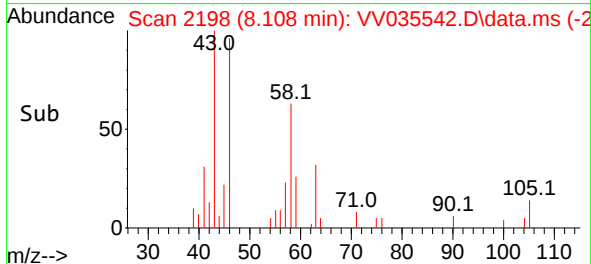
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 9109
Ion Ratio Lower Upper
43 100
58 32.5 48.8 73.2
57 10.0 16.9 25.3
100 5.8 11.7 17.5#

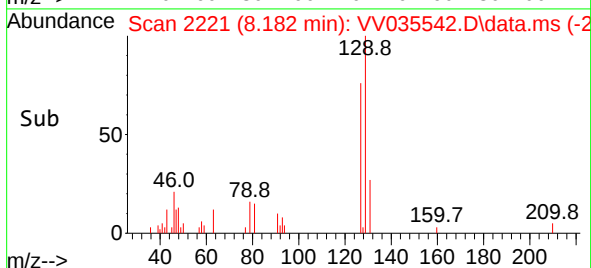
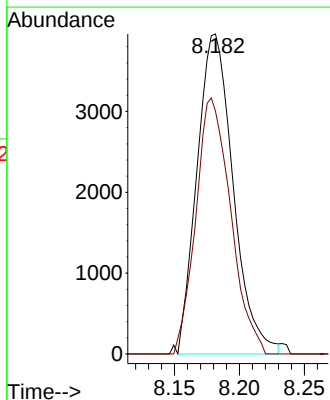
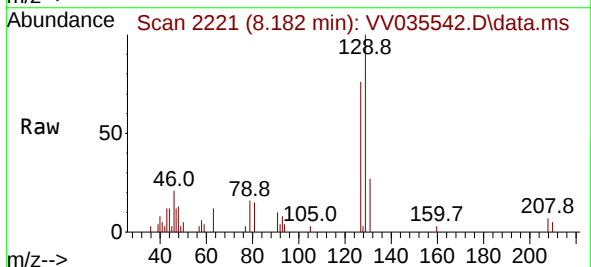
Manual Integrations
APPROVED

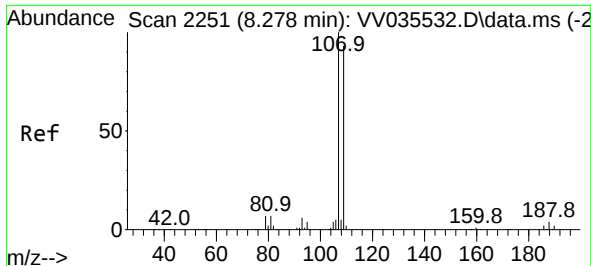
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024



#49
Dibromochloromethane
Concen: 1.018 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.010 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

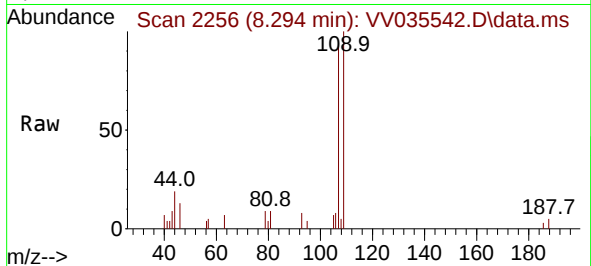
Tgt Ion:129 Resp: 7657
Ion Ratio Lower Upper
129 100
127 75.8 53.8 99.8





#50
1,2-Dibromoethane
Concen: 0.982 ug/L
RT: 8.294 min Scan# 2199
Delta R.T. 0.016 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

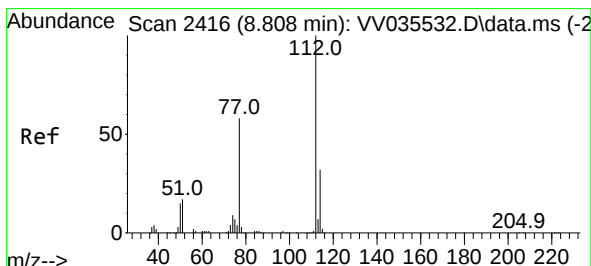
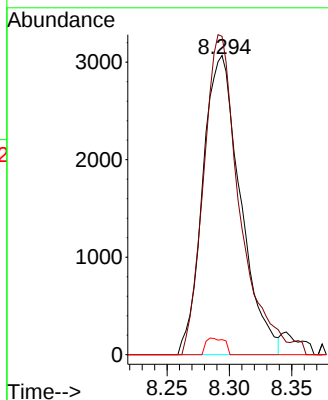
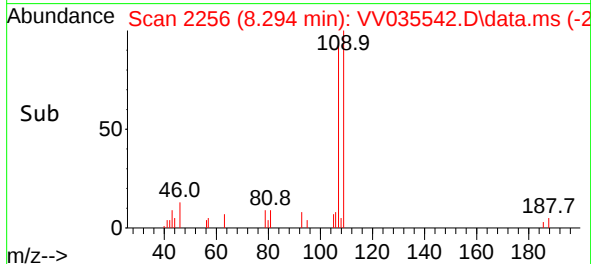
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:107 Resp: 645
Ion Ratio Lower Upper
107 100
109 106.4 65.4 121.4
188 5.0 2.9 4.3

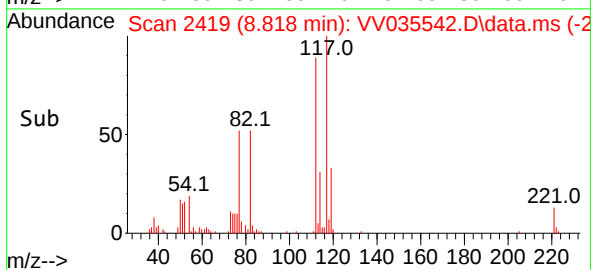
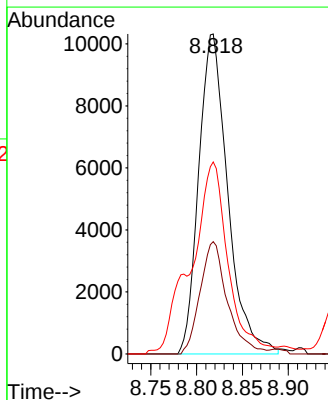
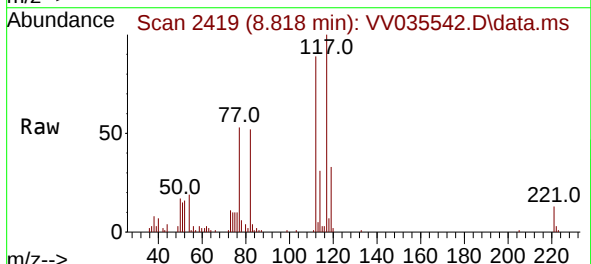
Manual Integrations
APPROVED

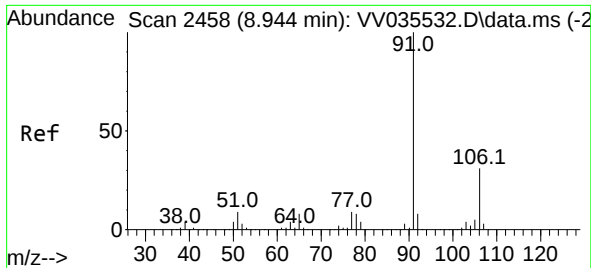
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024



#51
Chlorobenzene
Concen: 1.028 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.010 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

Tgt Ion:112 Resp: 22714
Ion Ratio Lower Upper
112 100
114 35.1 22.5 41.7
77 60.0 46.6 69.8





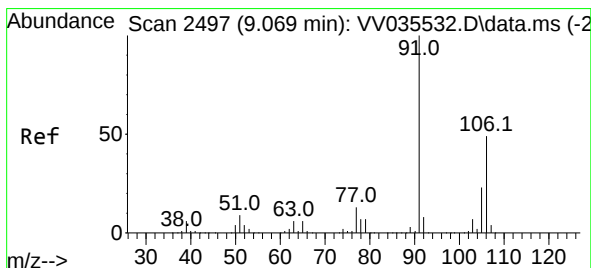
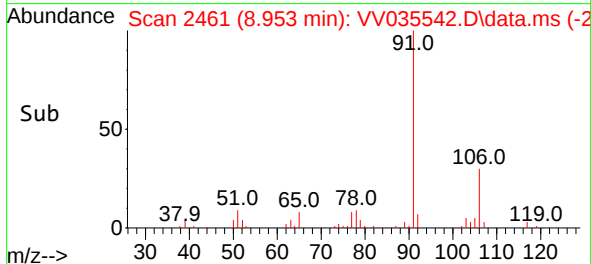
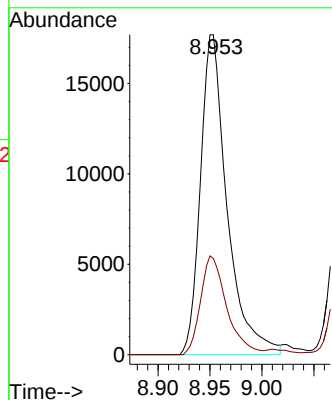
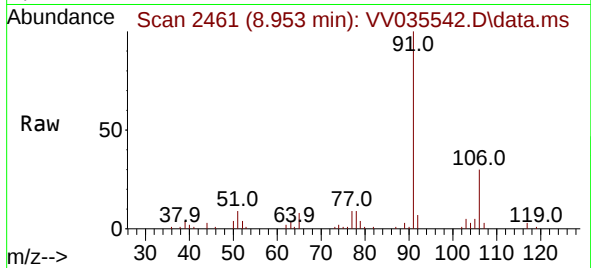
#52
Ethylbenzene
Concen: 0.899 ug/L
RT: 8.953 min Scan# 2458
Delta R.T. 0.010 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 3158
Ion Ratio Lower Upper
91 100
106 30.1 21.7 40.3

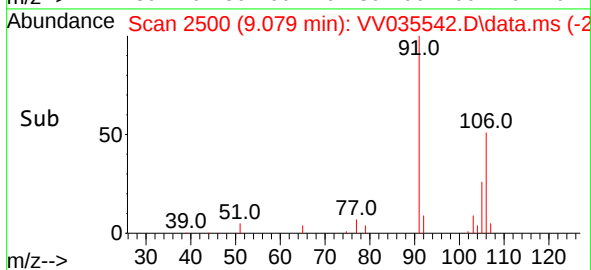
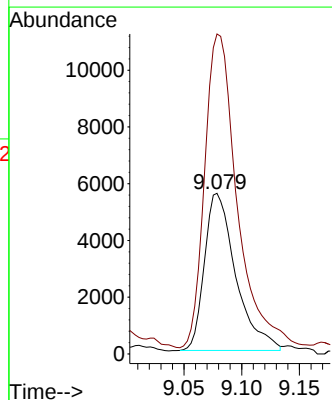
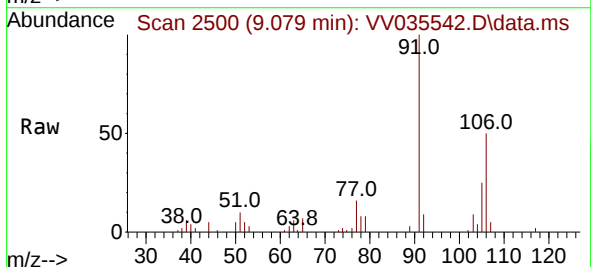
Manual Integrations
APPROVED

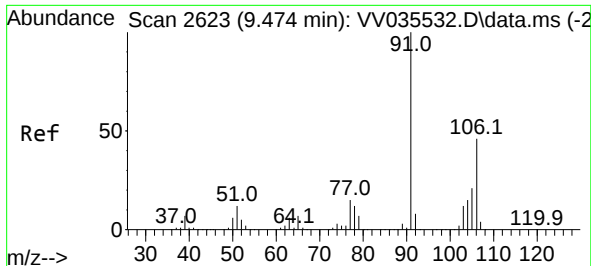
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024



#53
m,p-Xylene
Concen: 0.786 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.010 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

Tgt Ion:106 Resp: 10483
Ion Ratio Lower Upper
106 100
91 199.2 142.7 264.9





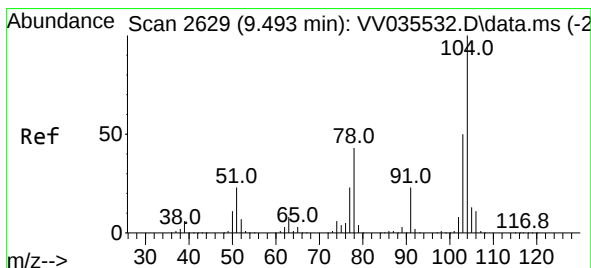
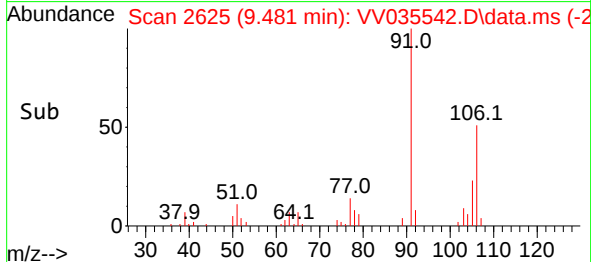
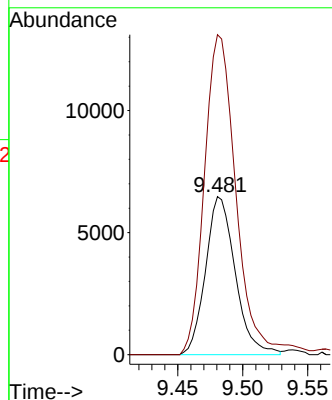
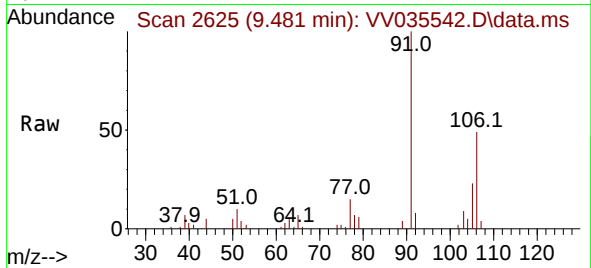
#54
o-Xylene
Concen: 0.814 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 1029
Ion Ratio Lower Upper
106 100
91 202.5 150.9 280.3

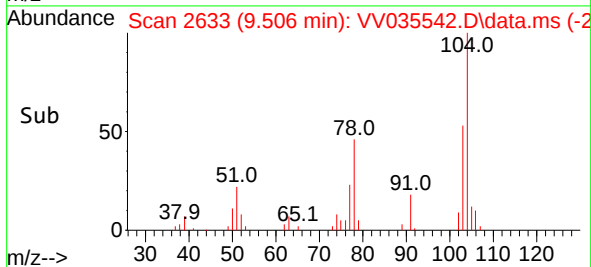
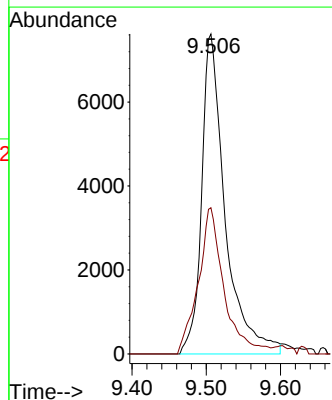
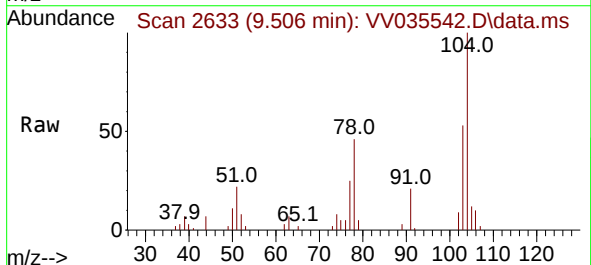
Manual Integrations
APPROVED

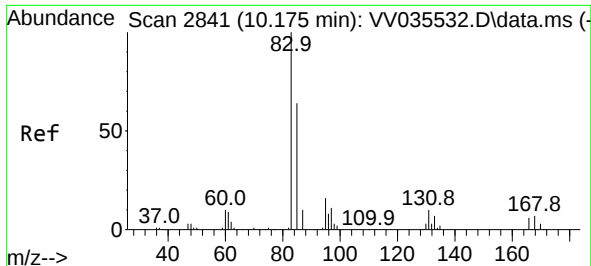
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024



#55
Styrene
Concen: 0.759 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.013 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

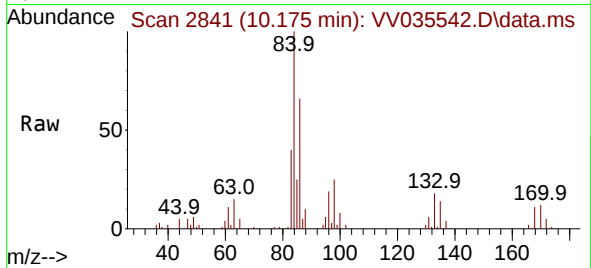
Tgt Ion:104 Resp: 16731
Ion Ratio Lower Upper
104 100
78 45.7 30.0 55.6





#57
1,1,2,2-Tetrachloroethane
Concen: 1.115 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

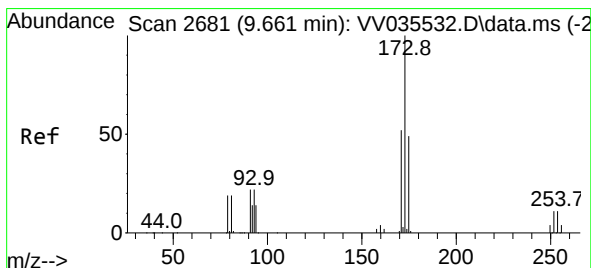
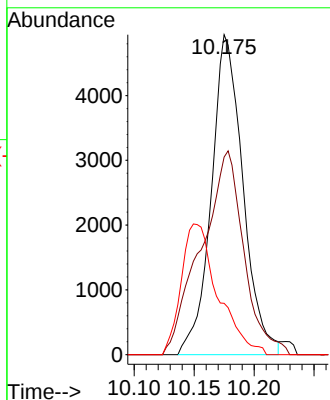
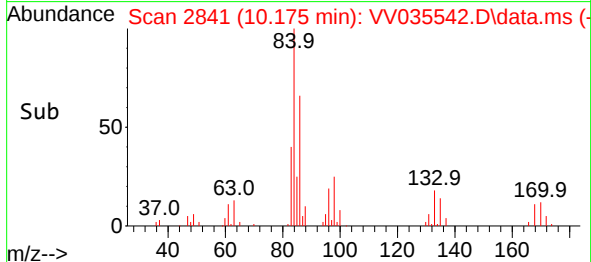
Instrument : MSVOA_V
ClientSampleId : MDL02



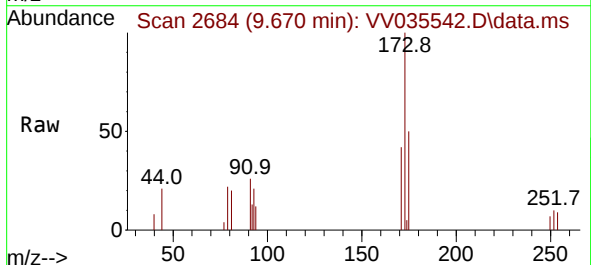
Tgt Ion: 83 Resp: 9054
Ion Ratio Lower Upper
83 100
85 61.8 44.7 83.1
131 16.0 8.0 12.0

Manual Integrations
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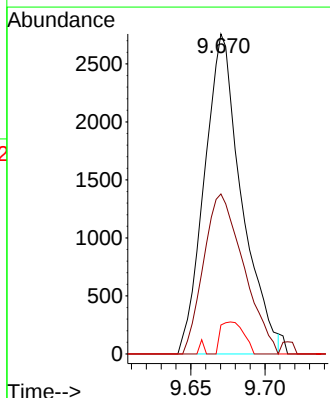
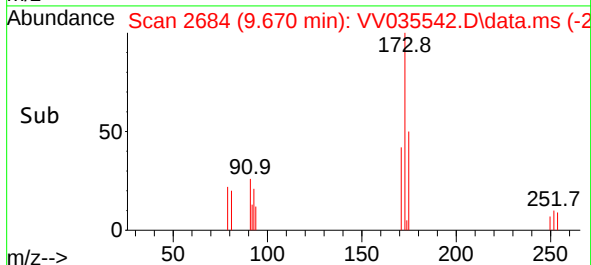
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024

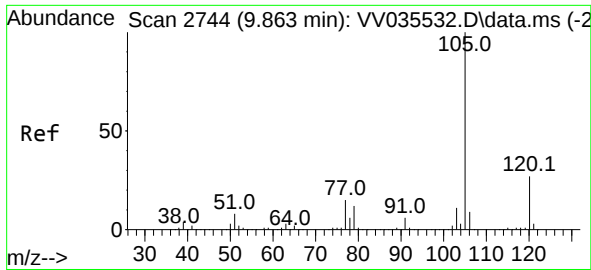


#59
Bromoform
Concen: 1.029 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.010 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09



Tgt Ion:173 Resp: 4788
Ion Ratio Lower Upper
173 100
175 53.8 38.7 58.1
254 0.0 8.3 12.5





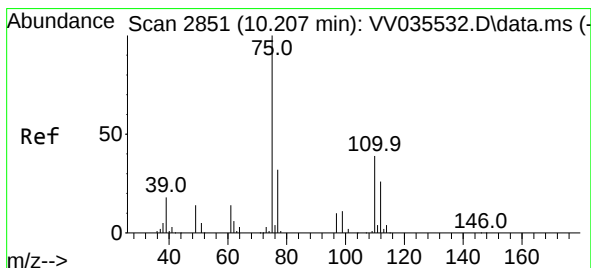
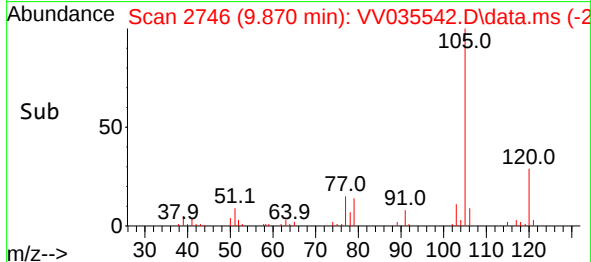
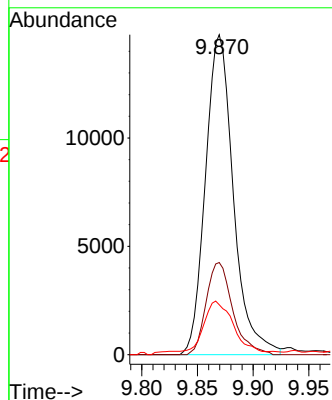
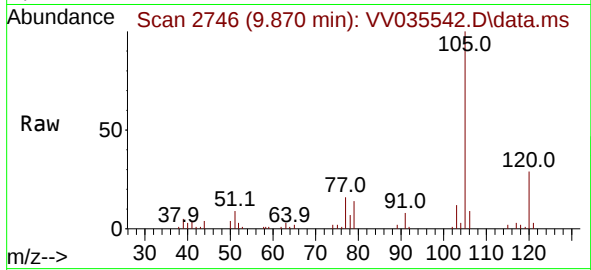
#60
Isopropylbenzene
Concen: 0.817 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 25770
Ion Ratio Lower Upper
105 100
120 27.4 21.3 31.9
77 16.5 12.2 18.2

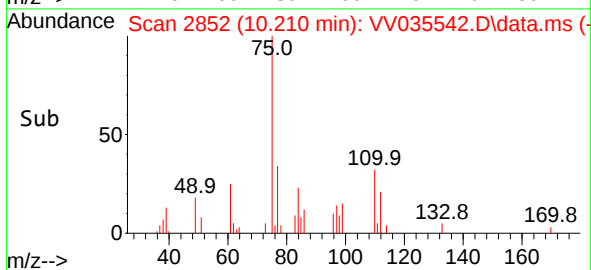
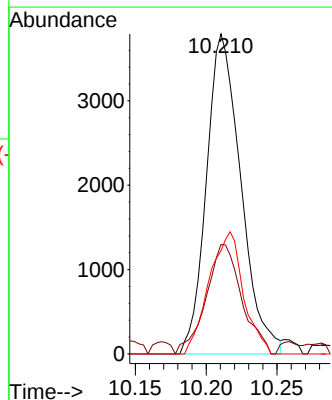
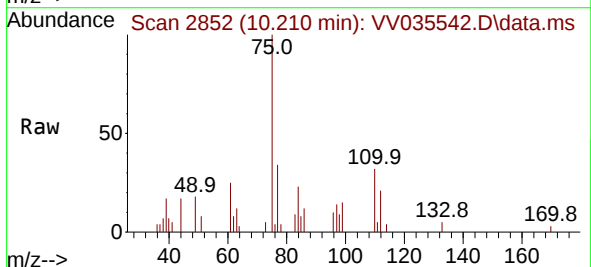
Manual Integrations
APPROVED

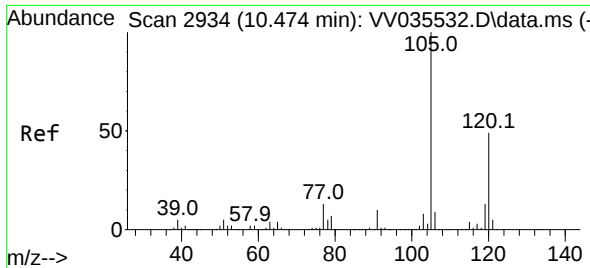
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024



#61
1,2,3-Trichloropropane
Concen: 1.154 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

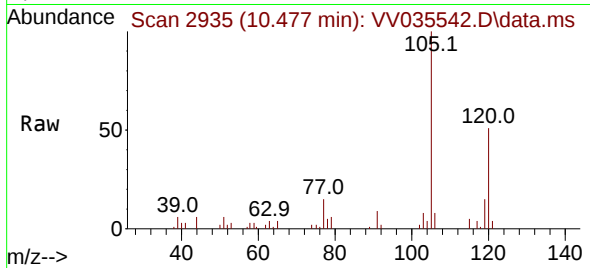
Tgt Ion: 75 Resp: 6404
Ion Ratio Lower Upper
75 100
77 35.4 25.7 38.5
110 38.0 31.8 47.8





#62
1,3,5-Trimethylbenzene
Concen: 0.770 ug/L
RT: 10.477 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

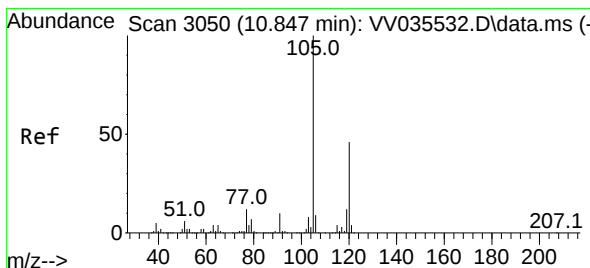
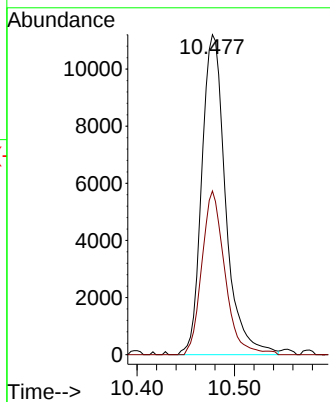
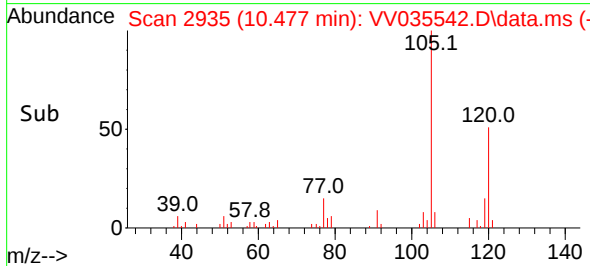
Instrument :
MSVOA_V
ClientSampleId :
MDL02



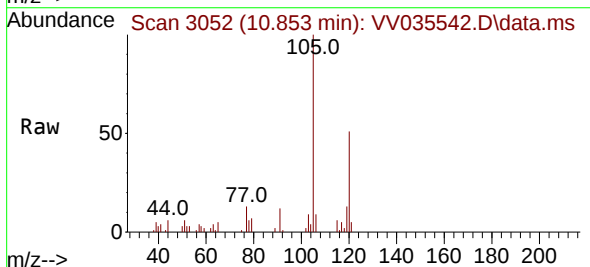
Tgt Ion:105 Resp: 1906
Ion Ratio Lower Upper
105 100
120 49.0 39.4 59.0

Manual Integrations
APPROVED

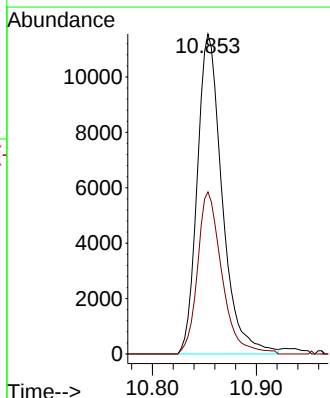
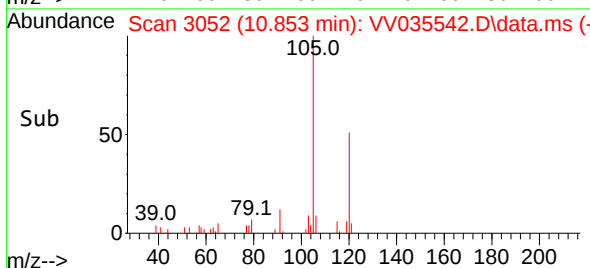
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024

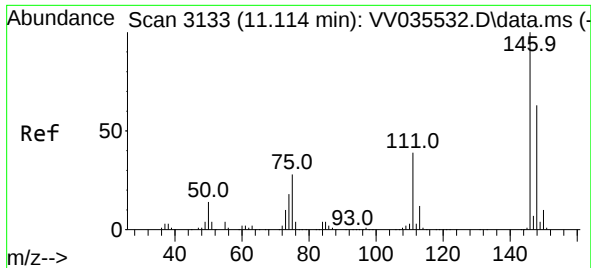


#63
1,2,4-Trimethylbenzene
Concen: 0.757 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. 0.006 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09



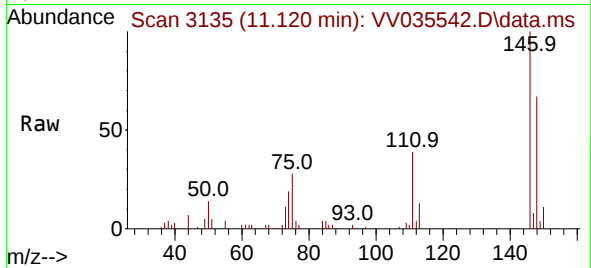
Tgt Ion:105 Resp: 19250
Ion Ratio Lower Upper
105 100
120 49.3 36.6 55.0





#64
1,3-Dichlorobenzene
Concen: 0.988 ug/L
RT: 11.120 min Scan# 3133
Delta R.T. 0.006 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

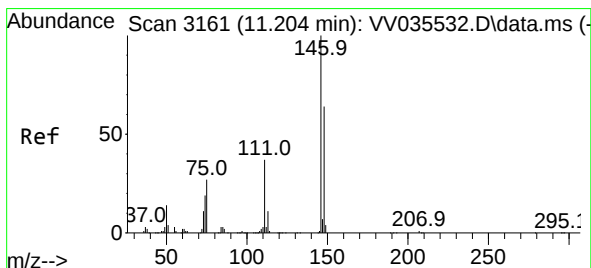
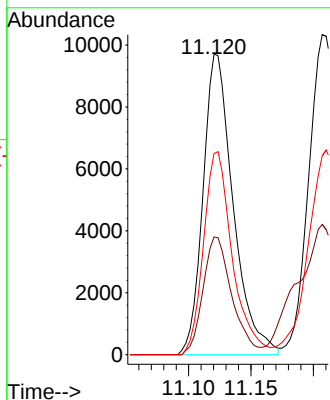
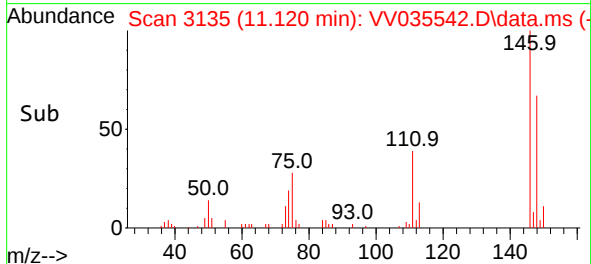
Instrument :
MSVOA_V
ClientSampleId :
MDL02



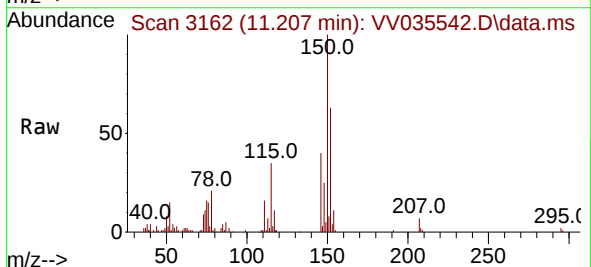
Tgt Ion:146 Resp: 1635
Ion Ratio Lower Upper
146 100
111 39.2 27.0 50.2
148 66.9 44.3 82.3

Manual Integrations
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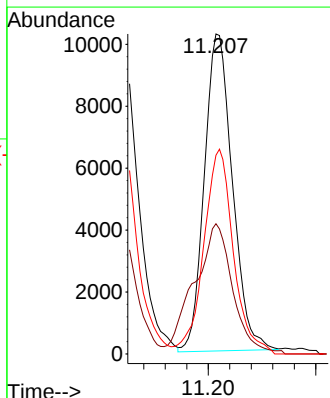
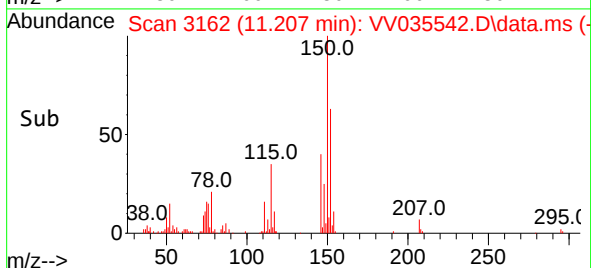
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024

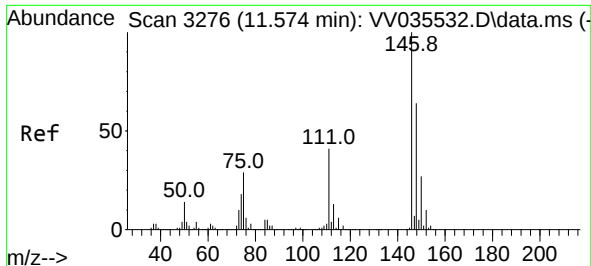


#65
1,4-Dichlorobenzene
Concen: 1.082 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09



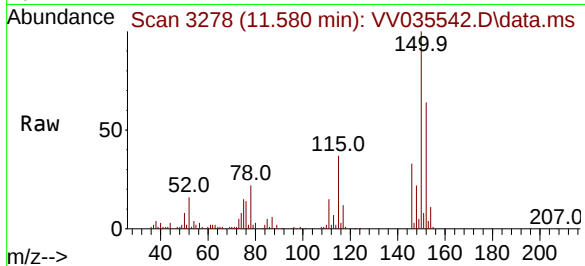
Tgt Ion:146 Resp: 18546
Ion Ratio Lower Upper
146 100
111 40.7 26.2 48.6
148 62.1 44.9 83.3





#67
1,2-Dichlorobenzene
Concen: 1.087 ug/L
RT: 11.580 min Scan# 311
Delta R.T. 0.006 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

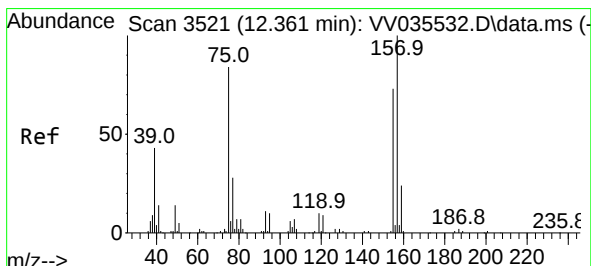
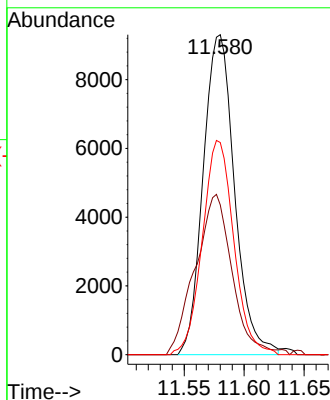
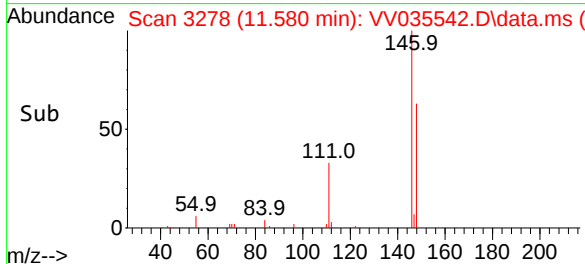
Instrument :
MSVOA_V
ClientSampleId :
MDL02



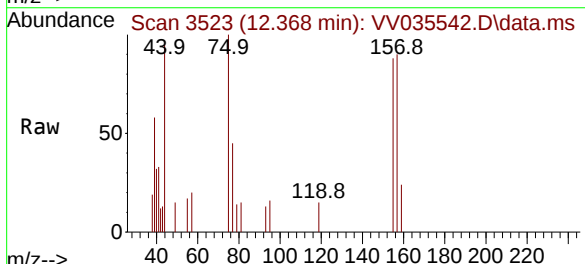
Tgt Ion:146 Resp: 16940
Ion Ratio Lower Upper
146 100
111 46.8 32.6 48.8
148 66.3 51.1 76.7

Manual Integrations
APPROVED

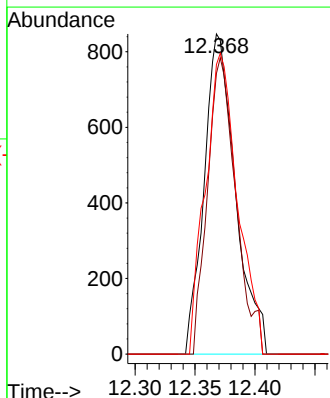
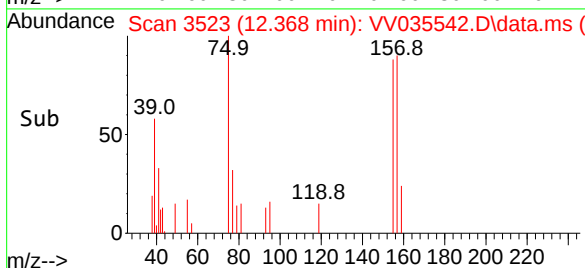
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024

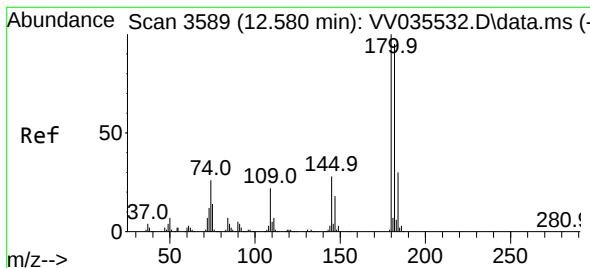


#68
1,2-Dibromo-3-chloropropane
Concen: 1.201 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.006 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09



Tgt Ion: 75 Resp: 1545
Ion Ratio Lower Upper
75 100
155 87.7 69.8 104.6
157 90.4 95.0 142.6#





#69

1,3,5-Trichlorobenzene

Concen: 0.947 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

Lab File: VV035542.D

Acq: 06 May 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion	180	Resp:	12249
Ion Ratio	Lower	Upper	
180	100		
182	97.3	76.2	114.2
184	30.8	24.1	36.1
145	29.3	22.9	34.3

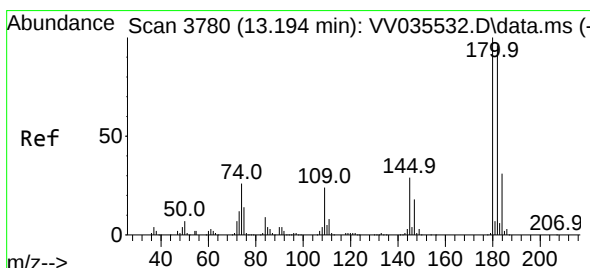
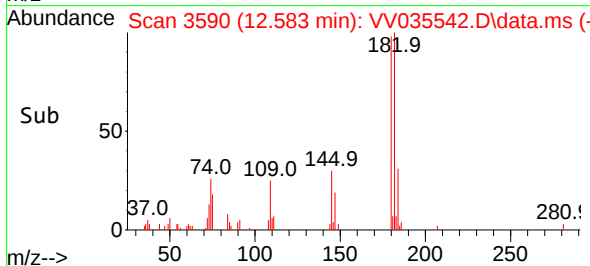
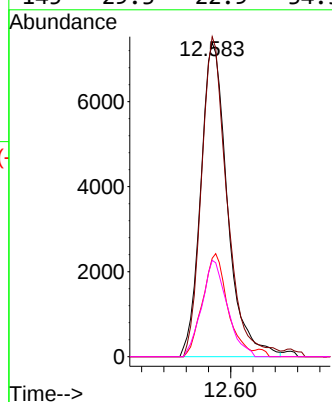
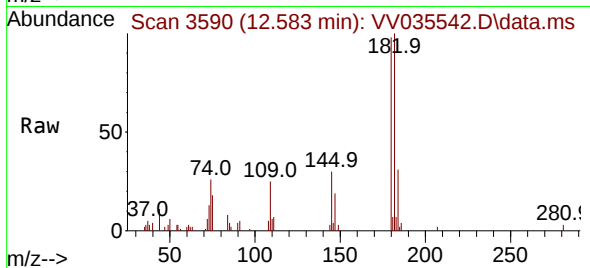
Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin

Yesilyurt 05/08/2024



#70

1,2,4-trichlorobenzene

Concen: 1.008 ug/L

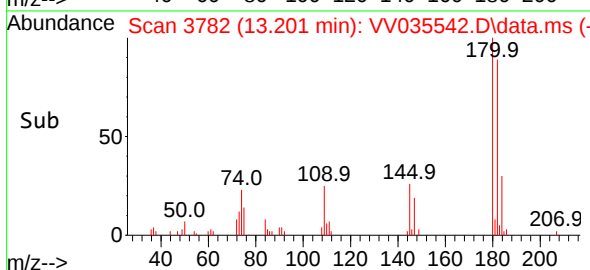
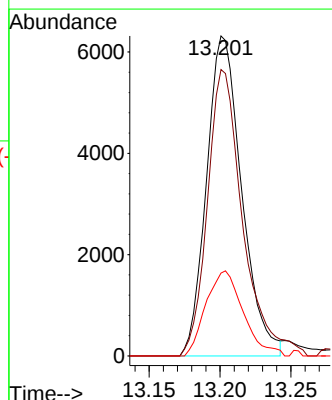
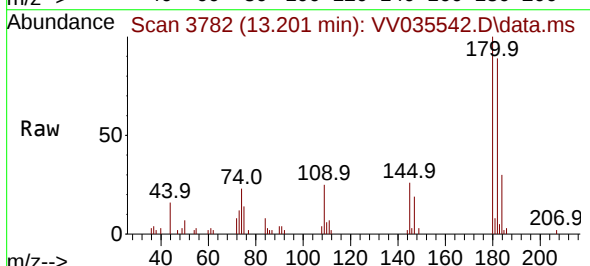
RT: 13.201 min Scan# 3782

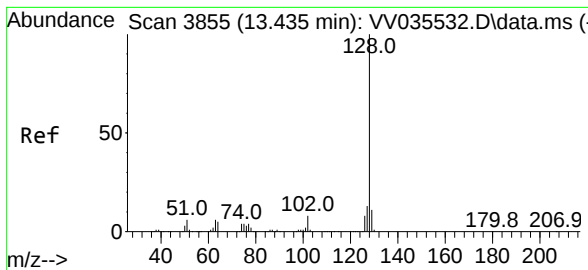
Delta R.T. 0.006 min

Lab File: VV035542.D

Acq: 06 May 2024 18:09

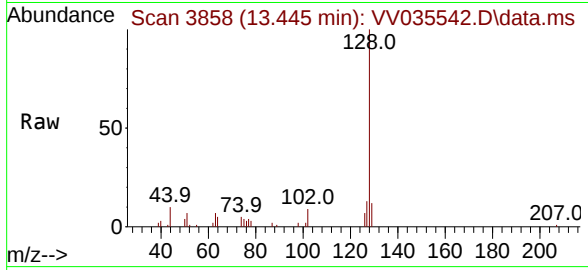
Tgt Ion	180	Resp:	10890
Ion Ratio	Lower	Upper	
180	100		
182	89.7	76.6	114.8
145	28.2	23.2	34.8





#71
Naphthalene
Concen: 0.931 ug/L m
RT: 13.445 min Scan# 3855
Delta R.T. 0.010 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

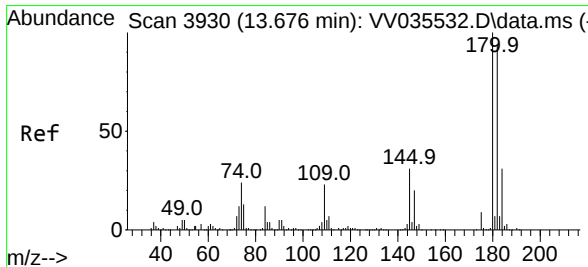
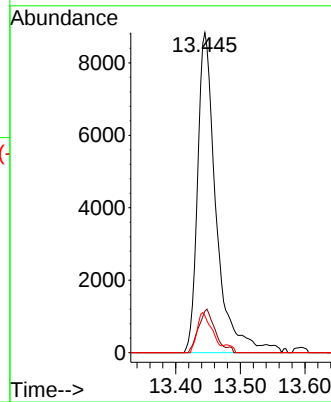
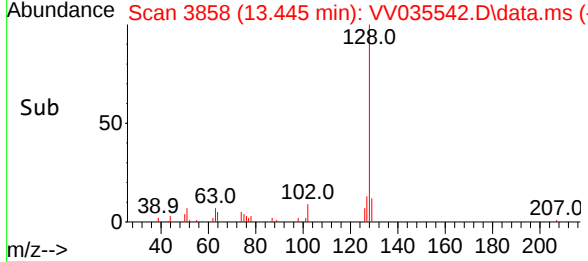
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:128 Resp: 17652
Ion Ratio Lower Upper
128 100
127 11.8 10.4 15.6
129 10.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin
Yesilyurt 05/08/2024



#72
1,2,3-Trichlorobenzene
Concen: 0.943 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035542.D
Acq: 06 May 2024 18:09

Tgt Ion:180 Resp: 9164
Ion Ratio Lower Upper
180 100
182 91.2 75.8 113.6
145 33.0 25.2 37.8

