

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050624\
 Data File : VV035541.D
 Acq On : 06 May 2024 17:46
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

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

Quant Time: May 08 02:10:09 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	442573	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	462342	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	237520	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	128389	18.769	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.080%		
7) Chloroethane-d5	1.529	69	110911	20.098	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.400%		
11) 1,1-Dichloroethene-d2	2.053	65	60138	19.858	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.440%		
21) 2-Butanone-d5	3.841	46	93590m	48.211	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.420%		
24) Chloroform-d	4.246	84	271512	20.636	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.560%		
26) 1,2-Dichloroethane-d4	4.941	65	143642	22.083	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.320%		
32) Benzene-d6	4.957	84	518298	20.479	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.920%		
36) 1,2-Dichloropropane-d6	5.986	67	166996	21.381	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.520%		
41) Toluene-d8	7.243	98	440007	19.535	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	78.120%		
43) trans-1,3-Dichloroprop...	7.555	79	66392	19.876	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.520%		
47) 2-Hexanone-d5	8.034	63	63181	44.987	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.980%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	174265	23.155	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.600%		
66) 1,2-Dichlorobenzene-d4	11.558	152	183785	22.296	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	9625	1.070	ug/L	97
3) Chloromethane	1.211	50	12030	1.332	ug/L	99
5) Vinyl chloride	1.278	62	10792	1.156	ug/L	83
6) Bromomethane	1.484	94	7506	1.270	ug/L	96
8) Chloroethane	1.545	64	6348	1.103	ug/L	95
9) Trichlorofluoromethane	1.709	101	12579	1.033	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	9437	1.228	ug/L	87
12) 1,1-Dichloroethene	2.063	96	8866	1.277	ug/L #	1
13) Acetone	2.163	43	9041m	3.182	ug/L	
14) Carbon disulfide	2.237	76	26327	1.197	ug/L	100
15) Methyl Acetate	2.397	43	4963m	1.153	ug/L	
16) Methylene chloride	2.446	84	27766	2.721	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	8102	1.051	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	17436	0.938	ug/L #	94
19) 1,1-Dichloroethane	3.111	63	14206	0.983	ug/L	94
20) cis-1,2-Dichloroethene	3.825	96	8027	0.961	ug/L	95
22) 2-Butanone	3.925	43	6255m	2.370	ug/L	
23) Bromochloromethane	4.159	128	3931	0.973	ug/L	98
25) Chloroform	4.275	83	16881	1.131	ug/L	95

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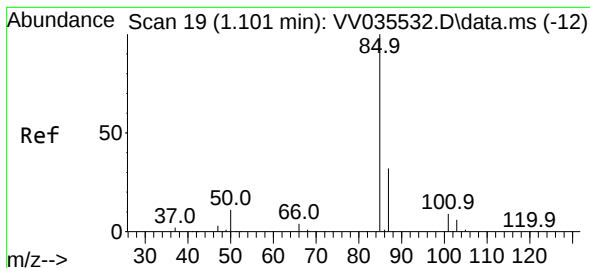
Manual Integrations
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Reviewed By :Mahesh Dadoda 05/08/2024
 Supervised By :Semsettin Yesilyurt 05/08/2024

Quant Time: May 08 02:10:09 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.056	62	9761m	1.051	ug/L	
29) Cyclohexane	4.584	56	9814	0.888	ug/L	95
30) 1,1,1-Trichloroethane	4.516	97	12083	0.943	ug/L	97
31) Carbon tetrachloride	4.735	117	10670	0.949	ug/L	97
33) Benzene	5.018	78	31420m	1.027	ug/L	
34) Trichloroethene	5.841	95	8831	1.020	ug/L	94
35) Methylcyclohexane	6.043	83	13839m	1.053	ug/L	
37) 1,2-Dichloropropane	6.098	63	8338m	1.044	ug/L	
38) Bromodichloromethane	6.439	83	10244	0.947	ug/L	98
39) cis-1,3-Dichloropropene	6.969	75	11843m	0.948	ug/L	
40) 4-Methyl-2-pentanone	7.175	43	11935m	2.496	ug/L	
42) Toluene	7.323	91	30994	0.957	ug/L	99
44) trans-1,3-Dichloropropene	7.596	75	11158m	1.021	ug/L	
45) 1,1,2-Trichloroethane	7.780	97	6098	0.899	ug/L	96
46) Tetrachloroethene	7.905	164	6815	0.969	ug/L	97
48) 2-Hexanone	8.095	43	8451m	2.357	ug/L	
49) Dibromochloromethane	8.178	129	7421	0.970	ug/L	99
50) 1,2-Dibromoethane	8.291	107	6530	0.977	ug/L	96
51) Chlorobenzene	8.818	112	22693	1.010	ug/L	99
52) Ethylbenzene	8.953	91	30267	0.847	ug/L	100
53) m,p-Xylene	9.079	106	10932	0.806	ug/L	95
54) o-Xylene	9.481	106	10034	0.780	ug/L	97
55) Styrene	9.506	104	16274m	0.726	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.175	83	9239	1.118	ug/L #	95
59) Bromoform	9.670	173	4962m	1.063	ug/L	
60) Isopropylbenzene	9.870	105	25758	0.814	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	6124	1.100	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.477	105	18795	0.757	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	18884	0.740	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	16110	0.970	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	17832	1.037	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	16462	1.053	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	1325	1.026	ug/L	90
69) 1,3,5-Trichlorobenzene	12.587	180	12307	0.948	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	9853	0.909	ug/L	96
71) Naphthalene	13.445	128	16904m	0.889	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	8780	0.901	ug/L	97

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



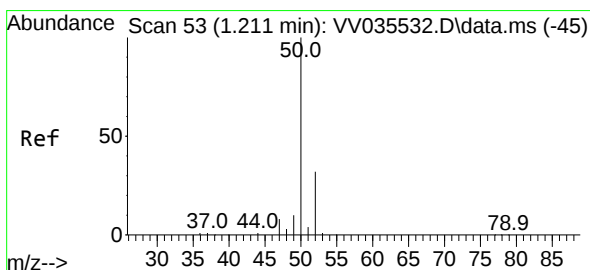
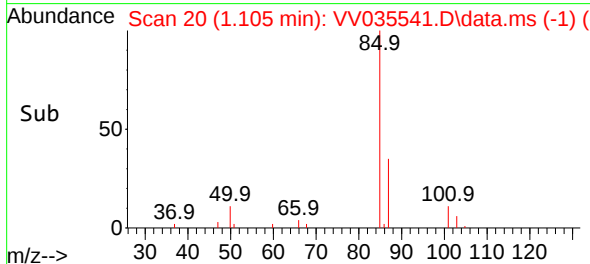
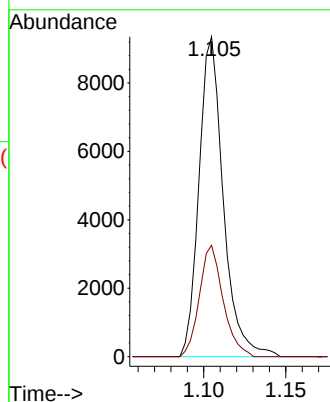
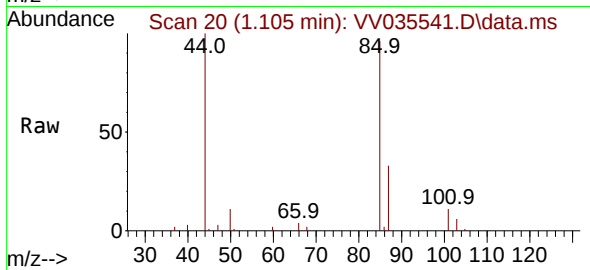
#2
Dichlorodifluoromethane
Concen: 1.070 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 85 Resp: 962
Ion Ratio Lower Upper
85 100
87 34.0 25.8 38.6

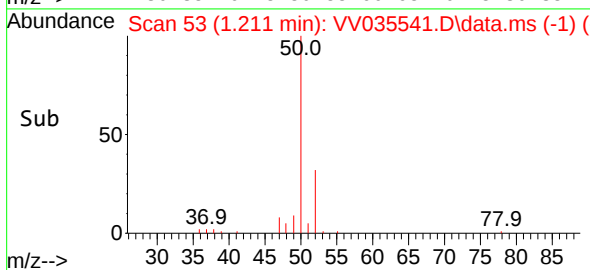
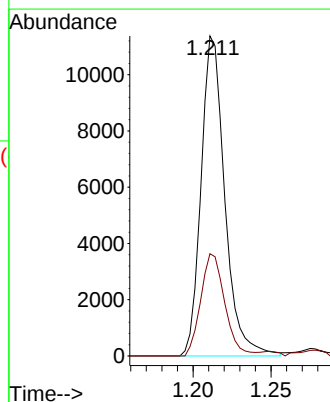
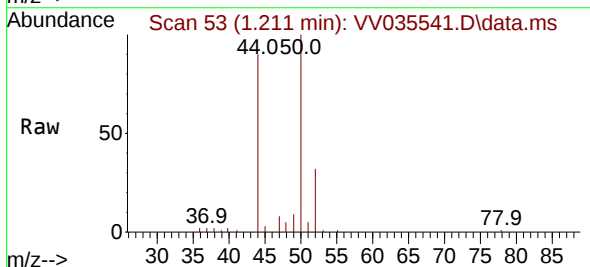
Manual Integrations
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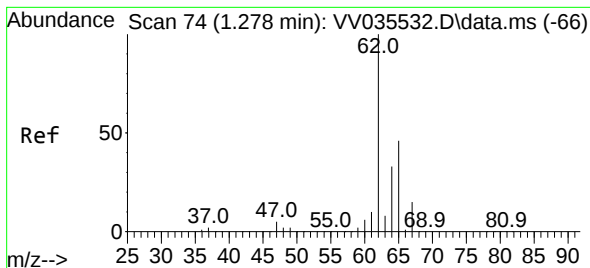
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024



#3
Chloromethane
Concen: 1.332 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

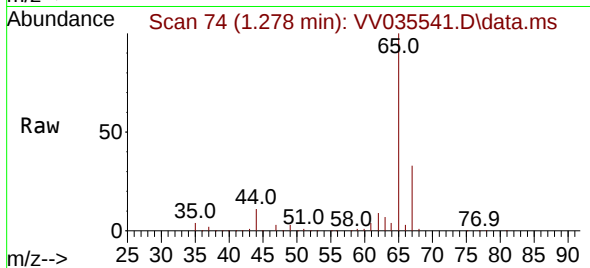
Tgt Ion: 50 Resp: 12030
Ion Ratio Lower Upper
50 100
52 32.0 22.7 42.1





#5
 Vinyl chloride
 Concen: 1.156 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV035541.D
 Acq: 06 May 2024 17:46

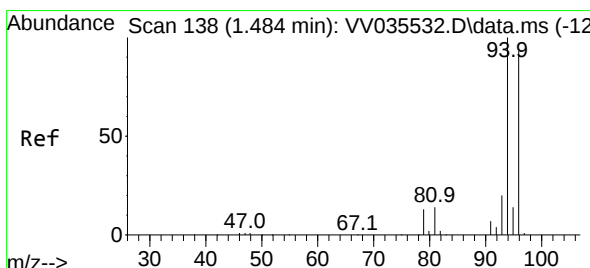
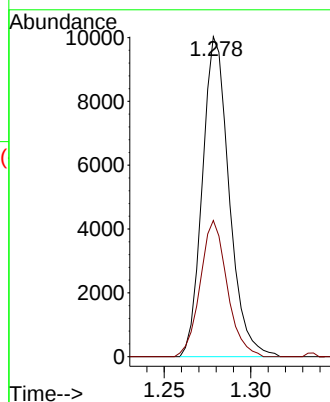
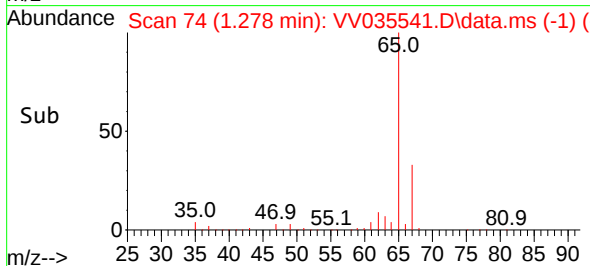
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01



Tgt Ion: 62 Resp: 10792
 Ion Ratio Lower Upper
 62 100
 64 42.6 23.0 42.6

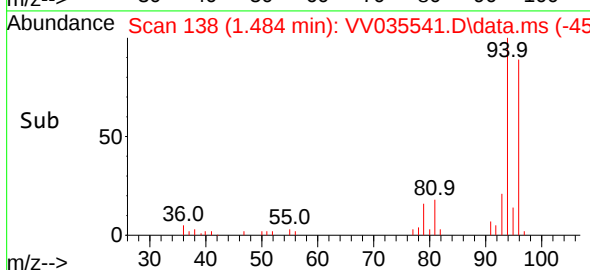
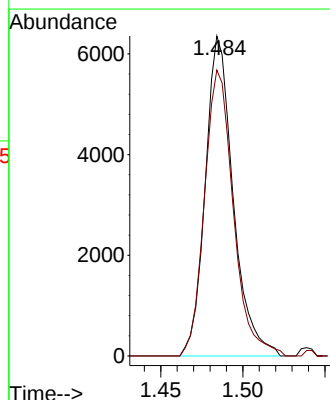
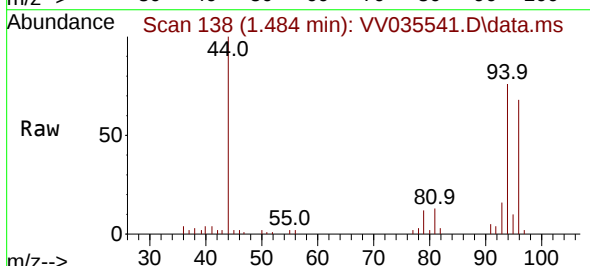
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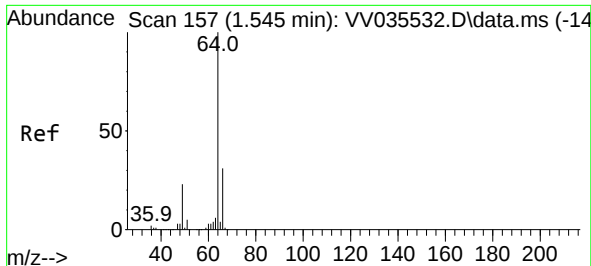
Reviewed By :Mahesh Dadoda 05/08/2024
 Supervised By :Semsettin Yesilyurt 05/08/2024



#6
 Bromomethane
 Concen: 1.270 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV035541.D
 Acq: 06 May 2024 17:46

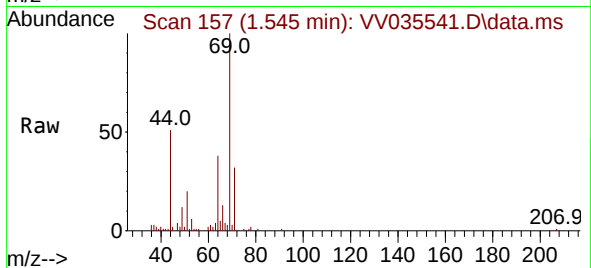
Tgt Ion: 94 Resp: 7506
 Ion Ratio Lower Upper
 94 100
 96 89.4 65.2 121.0





#8
Chloroethane
Concen: 1.103 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

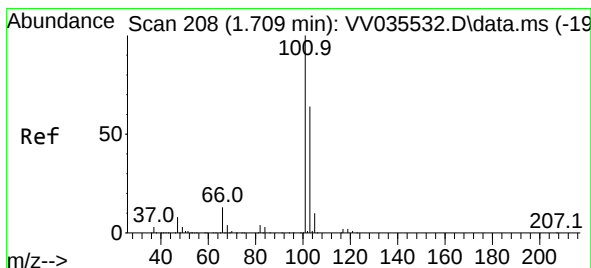
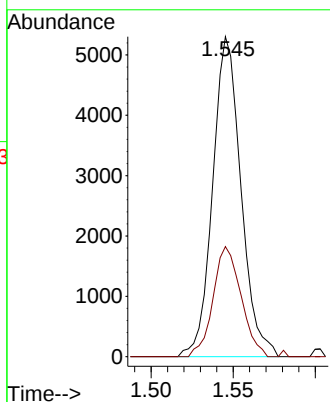
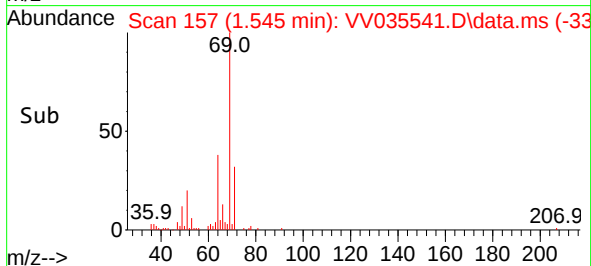
Instrument :
MSVOA_V
ClientSampleId :
MDL01



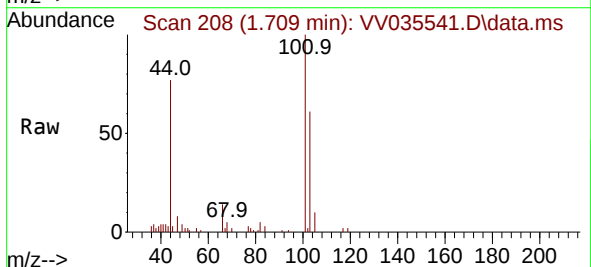
Tgt Ion: 64 Resp: 6348
Ion Ratio Lower Upper
64 100
66 34.4 22.0 40.8

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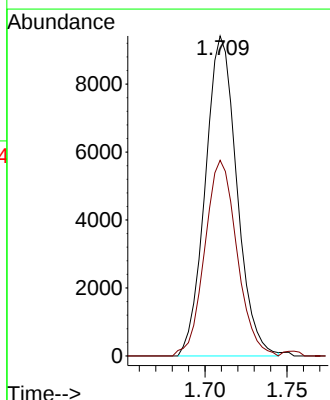
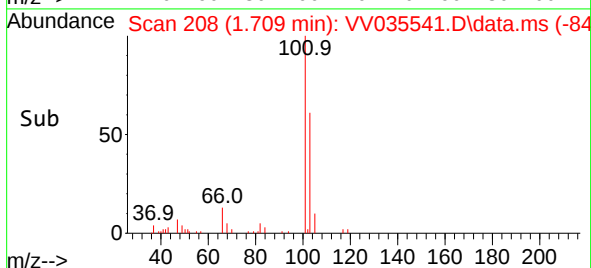
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024

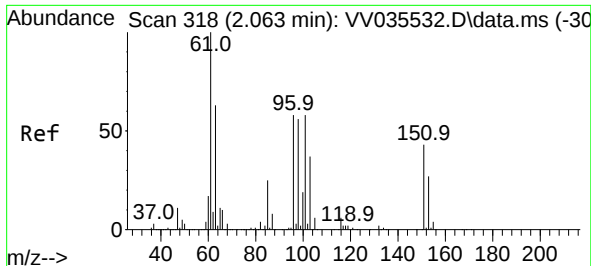


#9
Trichlorofluoromethane
Concen: 1.033 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46



Tgt Ion:101 Resp: 12579
Ion Ratio Lower Upper
101 100
103 62.3 51.5 77.3





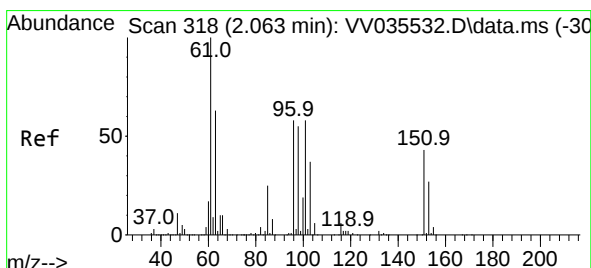
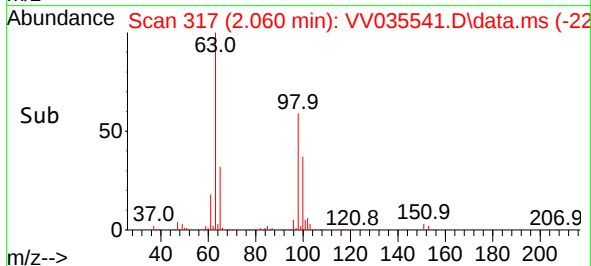
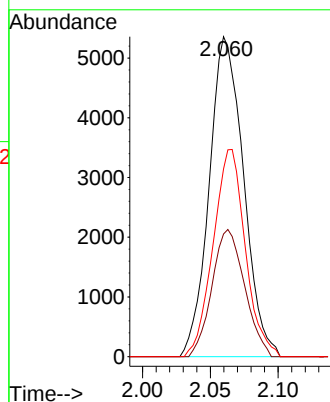
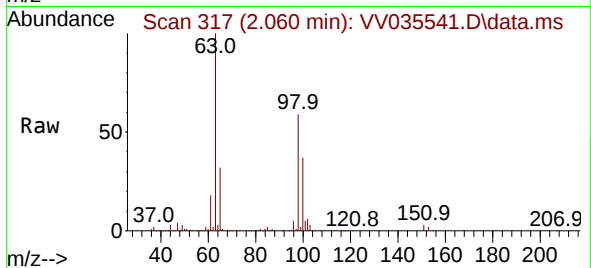
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.228 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV035541.D
 Acq: 06 May 2024 17:46

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tgt Ion: 101 Resp: 943
 Ion Ratio Lower Upper
 101 100
 85 37.8 34.2 51.4
 151 60.7 59.5 89.3

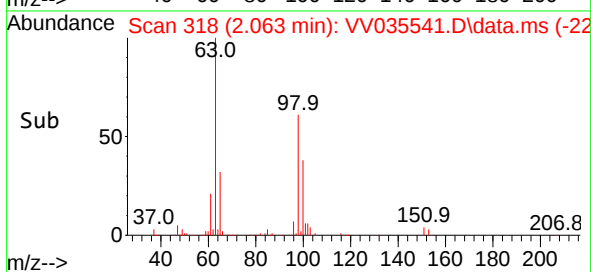
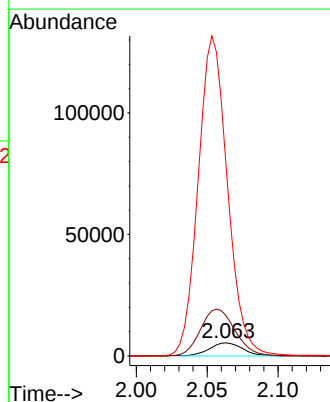
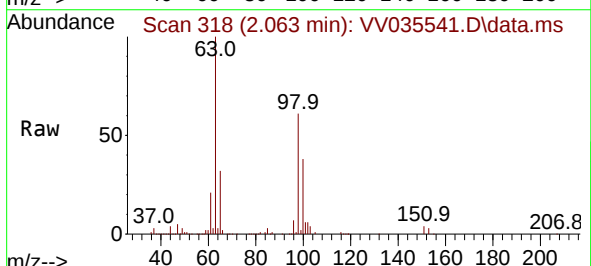
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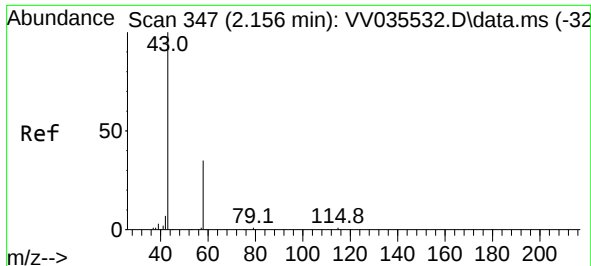
Reviewed By :Mahesh Dadoda 05/08/2024
 Supervised By :Semsettin Yesilyurt 05/08/2024



#12
 1,1-Dichloroethene
 Concen: 1.277 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035541.D
 Acq: 06 May 2024 17:46

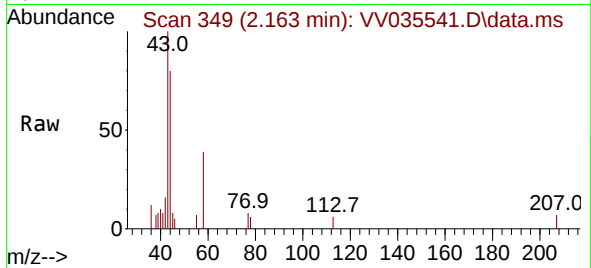
Tgt Ion: 96 Resp: 8866
 Ion Ratio Lower Upper
 96 100
 61 313.9 119.8 222.4#
 63 1510.7 75.6 140.4#





#13
Acetone
Concen: 3.182 ug/L m
RT: 2.163 min Scan# 34
Delta R.T. 0.007 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

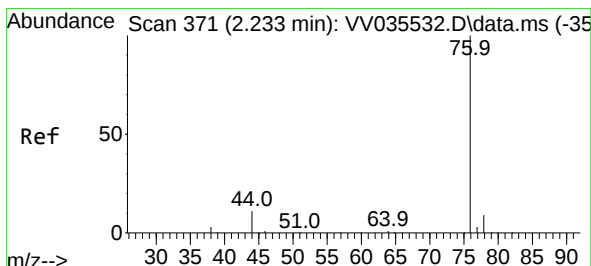
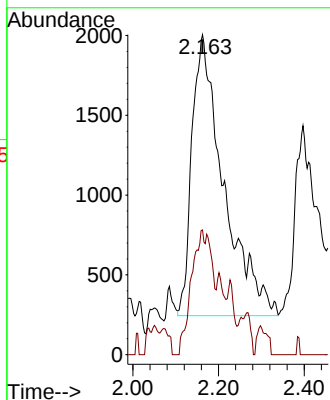
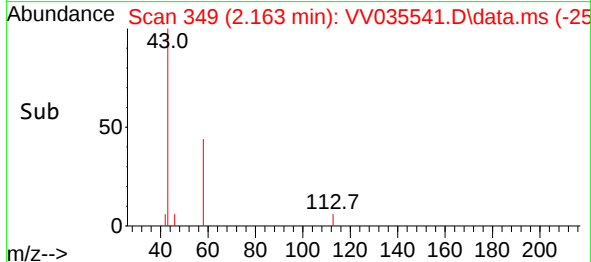
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
58 1.6 0.0 22.8

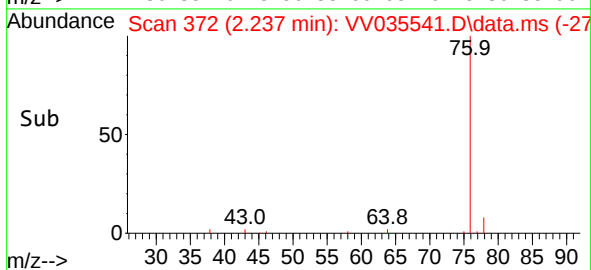
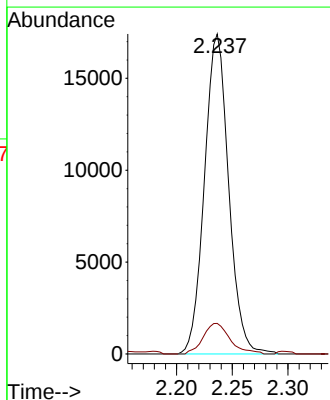
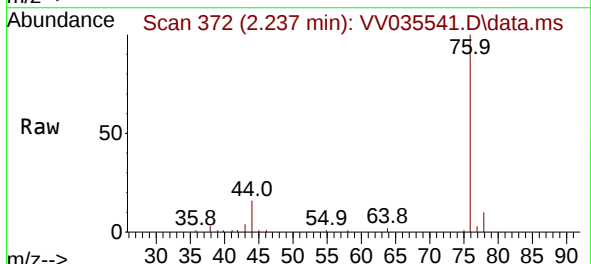
Manual Integrations
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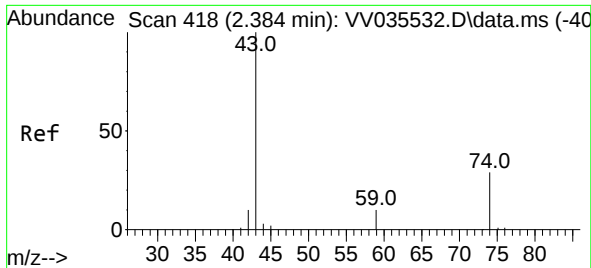
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024



#14
Carbon disulfide
Concen: 1.197 ug/L
RT: 2.237 min Scan# 372
Delta R.T. 0.003 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

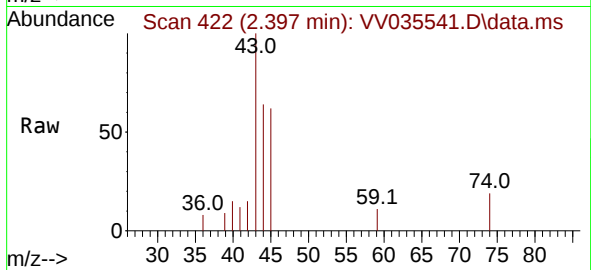
Tgt Ion: 76 Resp: 26327
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3





#15
Methyl Acetate
Concen: 1.153 ug/L m
RT: 2.397 min Scan# 418
Delta R.T. 0.013 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

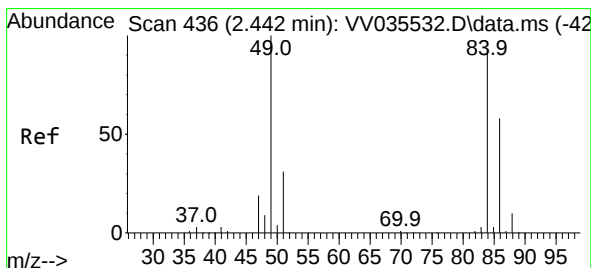
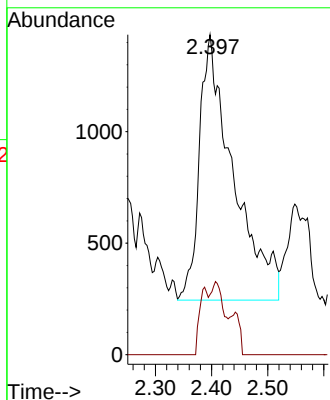
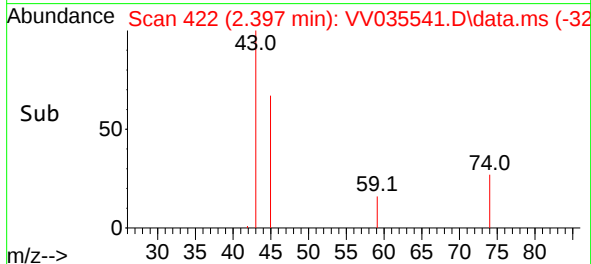
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
74 6.5 18.6 27.8

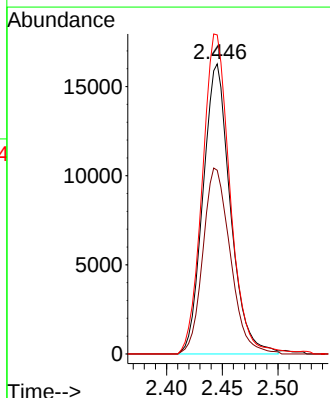
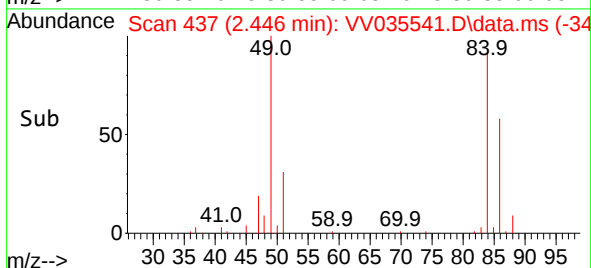
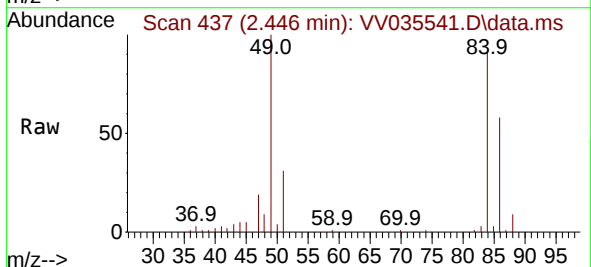
Manual Integrations
APPROVED

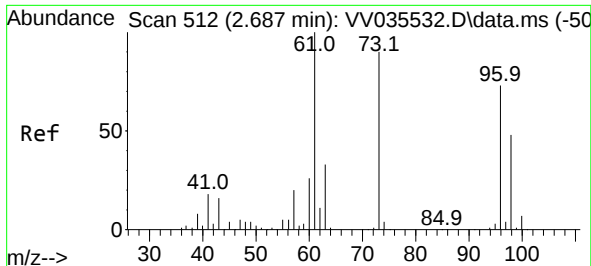
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024



#16
Methylene chloride
Concen: 2.721 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

Tgt Ion: 84 Resp: 27766
Ion Ratio Lower Upper
84 100
86 63.4 43.8 81.3
49 110.0 75.3 139.9





#17

trans-1,2-Dichloroethene

Concen: 1.051 ug/L

RT: 2.693 min Scan# 512

Delta R.T. 0.007 min

Lab File: VV035541.D

Acq: 06 May 2024 17:46

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 96 Resp: 810

Ion Ratio Lower Upper

96 100

61 141.1 95.5 177.4

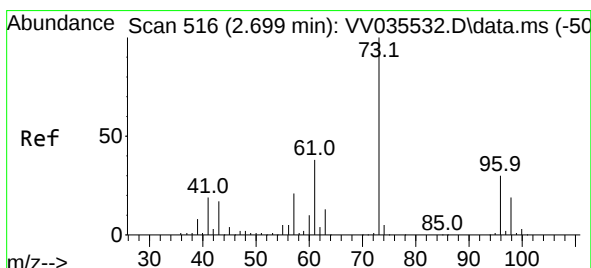
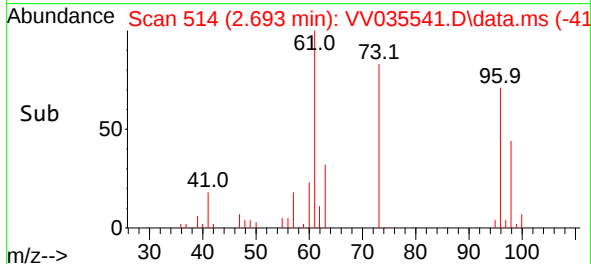
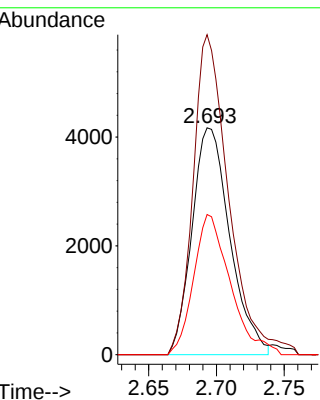
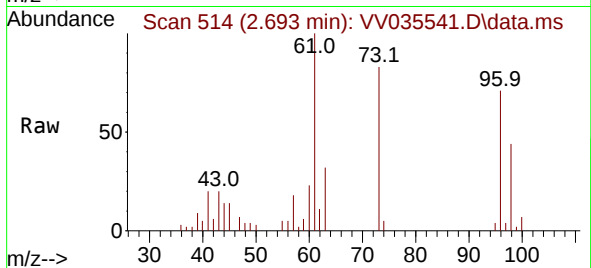
98 61.8 46.0 85.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin Yesilyurt 05/08/2024



#18

Methyl tert-butyl Ether

Concen: 0.938 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.007 min

Lab File: VV035541.D

Acq: 06 May 2024 17:46

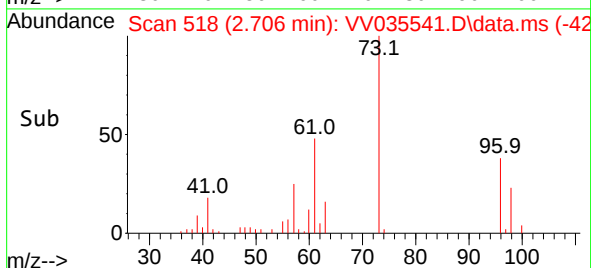
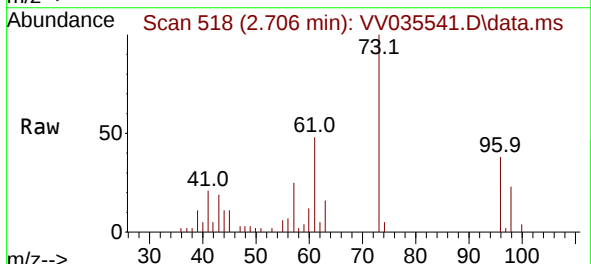
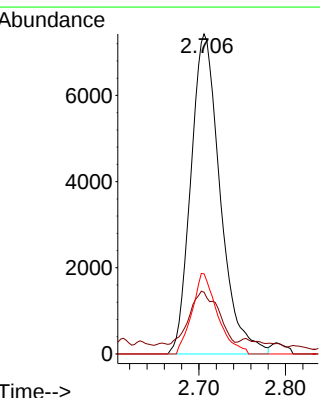
Tgt Ion: 73 Resp: 17436

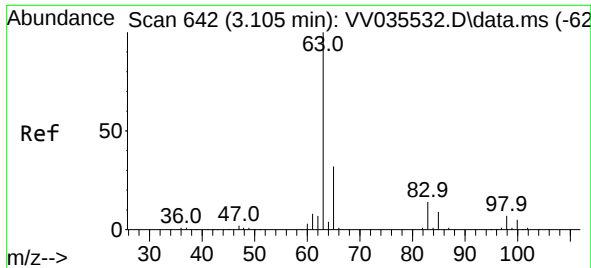
Ion Ratio Lower Upper

73 100

43 11.0 13.3 19.9#

57 21.8 17.4 26.2





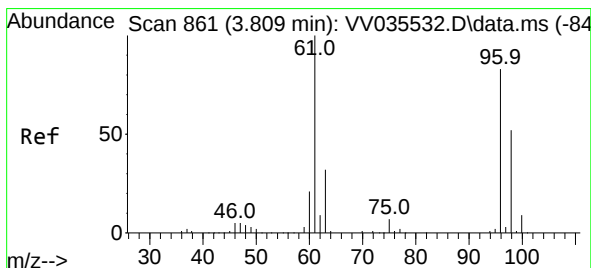
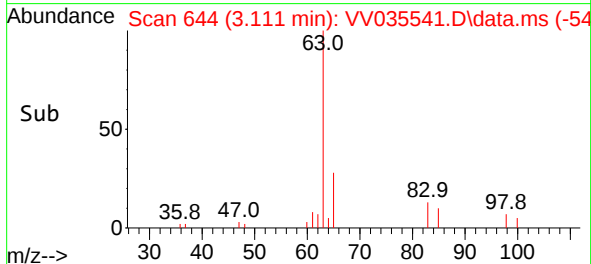
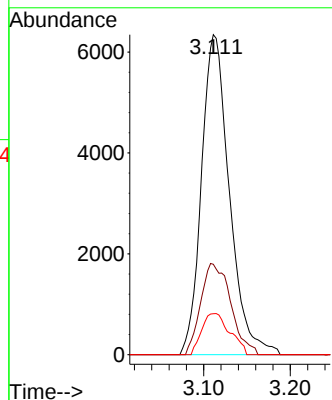
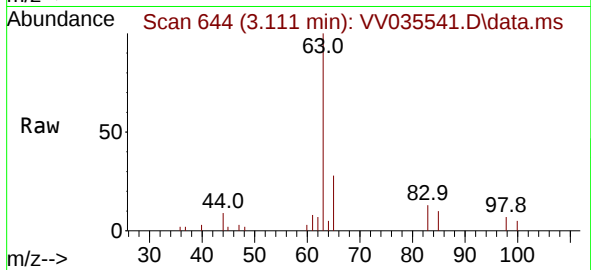
#19
1,1-Dichloroethane
Concen: 0.983 ug/L
RT: 3.111 min Scan# 642
Delta R.T. 0.007 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

Instrument : MSVOA_V
ClientSampleId : MDL01

Tgt Ion: 63 Resp: 14200
Ion Ratio Lower Upper
63 100
65 28.3 22.7 42.3
83 12.8 9.7 17.9

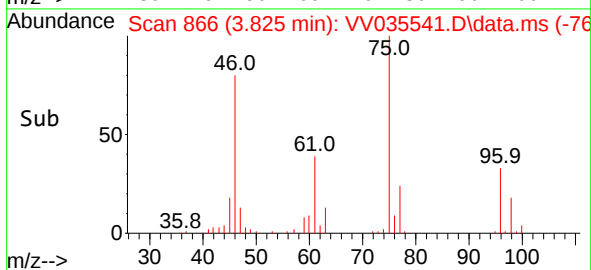
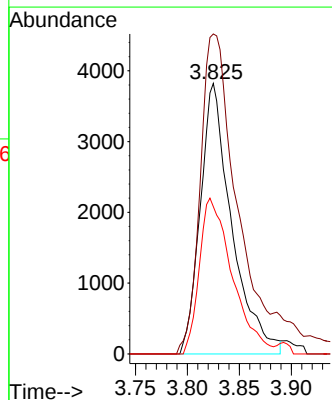
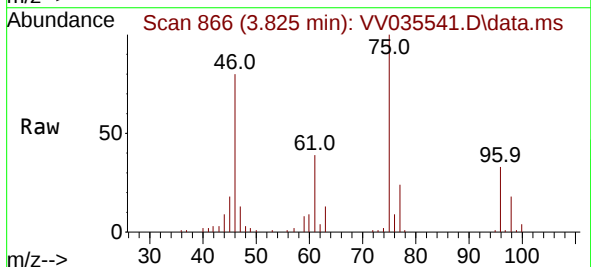
Manual Integrations
APPROVED

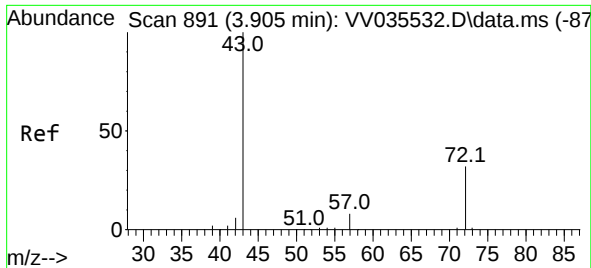
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024



#20
cis-1,2-Dichloroethene
Concen: 0.961 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.016 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

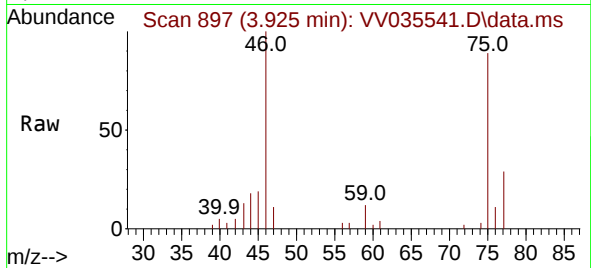
Tgt Ion: 96 Resp: 8027
Ion Ratio Lower Upper
96 100
61 118.3 83.9 155.9
98 54.5 44.0 81.8





#22
2-Butanone
Concen: 2.370 ug/L m
RT: 3.925 min Scan# 891
Delta R.T. 0.019 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

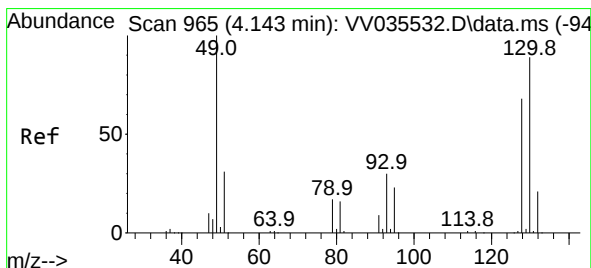
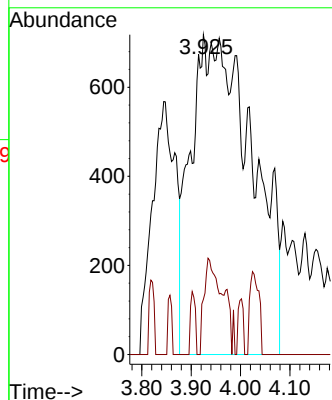
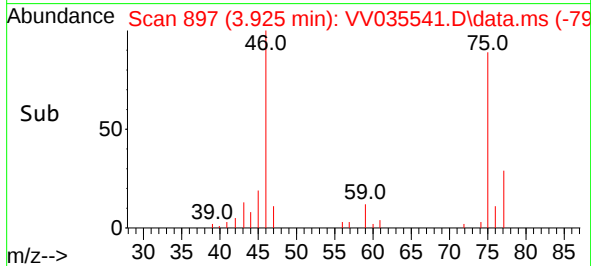
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 43 Resp: 625
Ion Ratio Lower Upper
43 100
72 1.5 12.3 36.9

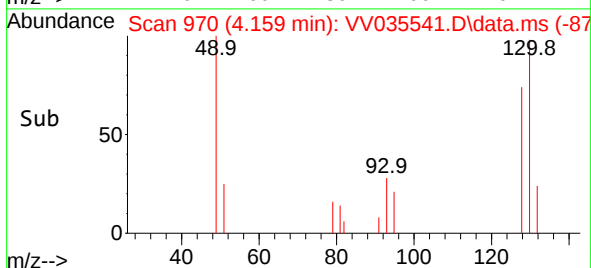
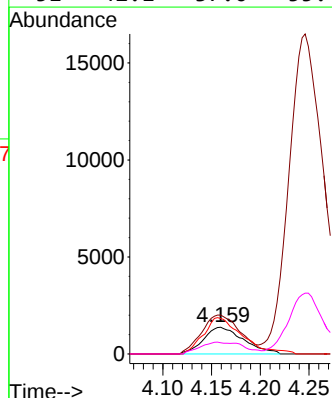
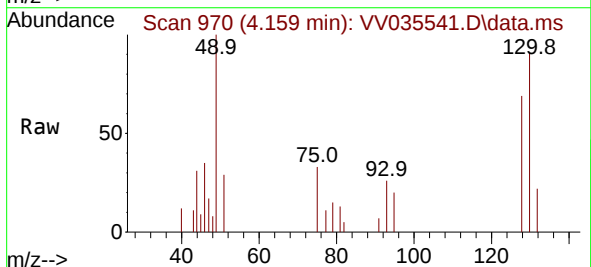
Manual Integrations
APPROVED

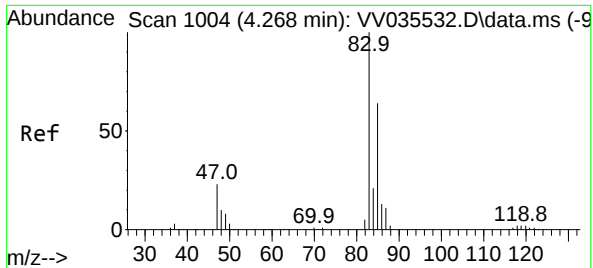
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024



#23
Bromochloromethane
Concen: 0.973 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.016 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

Tgt Ion:128 Resp: 3931
Ion Ratio Lower Upper
128 100
49 145.5 103.1 191.5
130 132.8 91.8 170.4
51 42.1 37.0 55.4





#25

Chloroform

Concen: 1.131 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.007 min

Lab File: VV035541.D

Acq: 06 May 2024 17:46

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 83 Resp: 1688

Ion Ratio Lower Upper

83 100

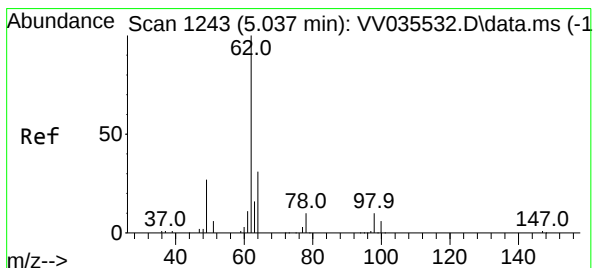
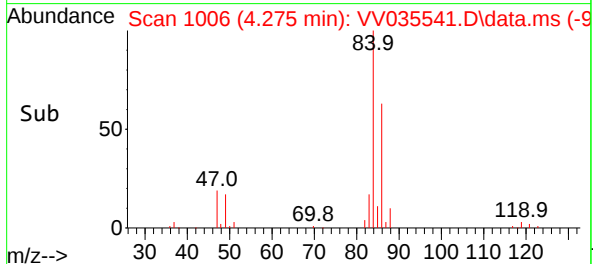
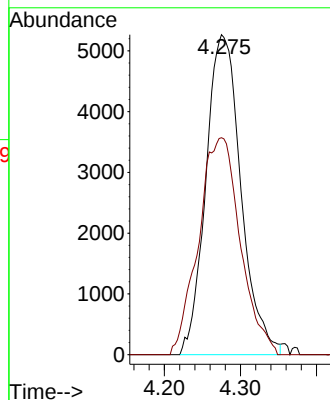
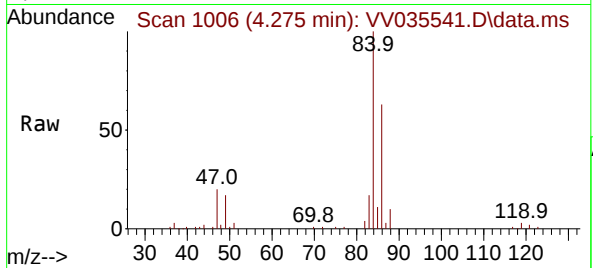
85 67.8 44.7 82.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin Yesilyurt 05/08/2024



#27

1,2-Dichloroethane

Concen: 1.051 ug/L m

RT: 5.056 min Scan# 1249

Delta R.T. 0.019 min

Lab File: VV035541.D

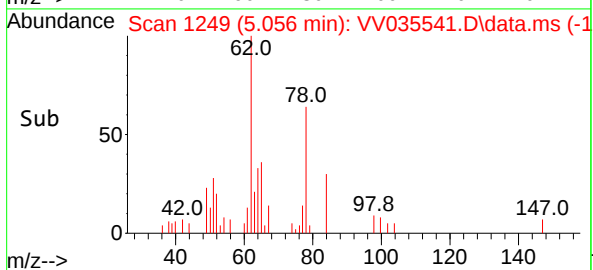
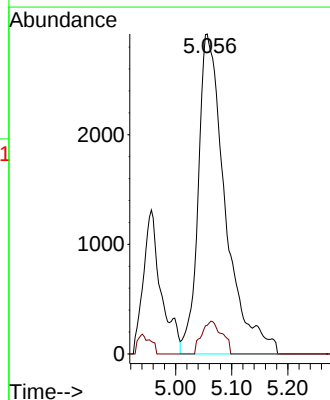
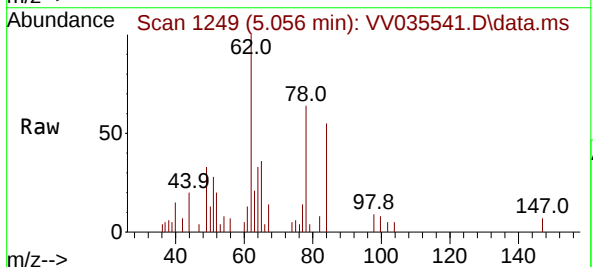
Acq: 06 May 2024 17:46

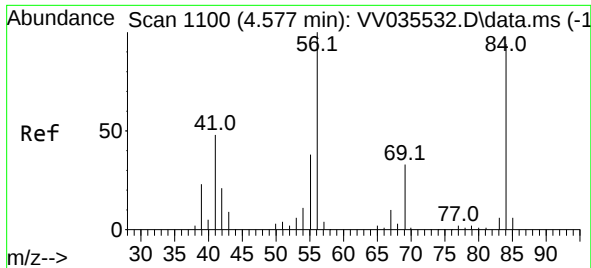
Tgt Ion: 62 Resp: 9761

Ion Ratio Lower Upper

62 100

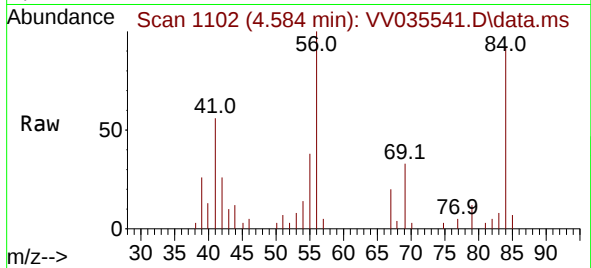
98 8.9 8.2 12.2





#29
Cyclohexane
Concen: 0.888 ug/L
RT: 4.584 min Scan# 1100
Delta R.T. 0.007 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

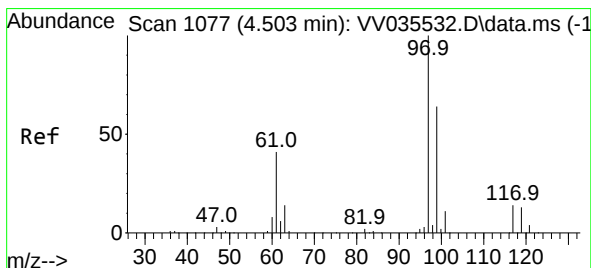
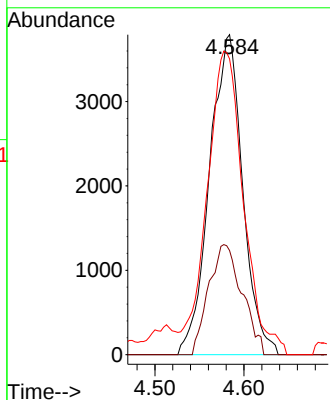
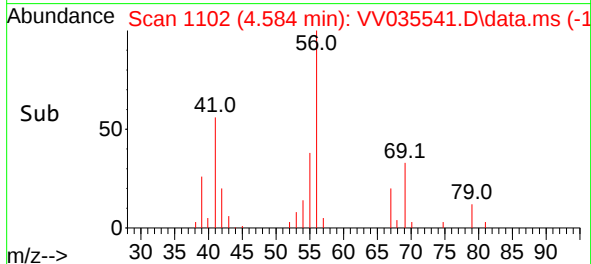
Instrument :
MSVOA_V
ClientSampleId :
MDL01



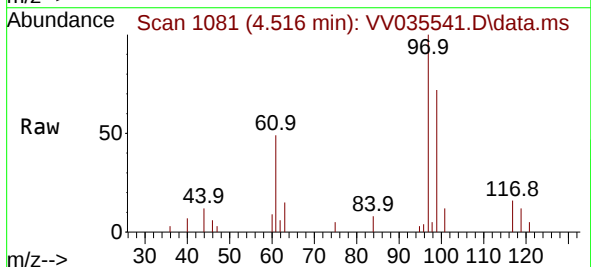
Tgt Ion: 56 Resp: 9814
Ion Ratio Lower Upper
56 100
69 33.7 25.6 38.4
84 88.5 74.8 112.2

Manual Integrations
APPROVED

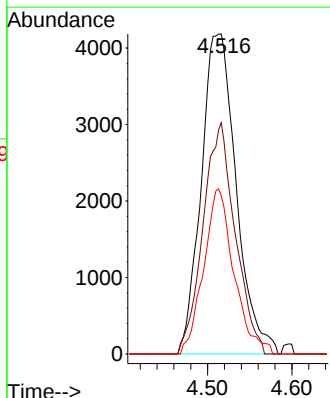
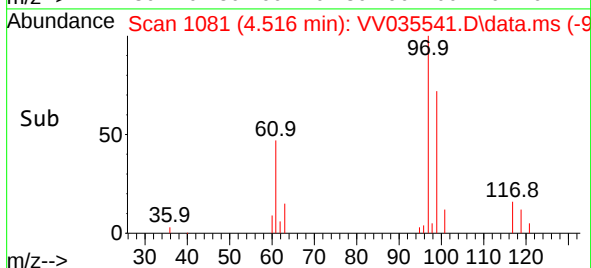
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024

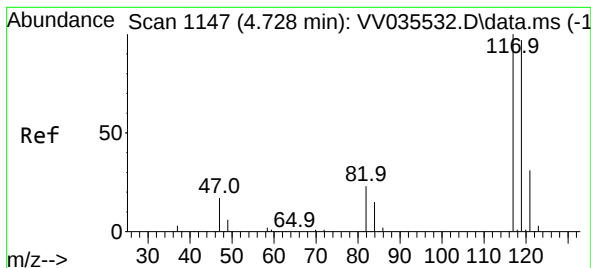


#30
1,1,1-Trichloroethane
Concen: 0.943 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.013 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46



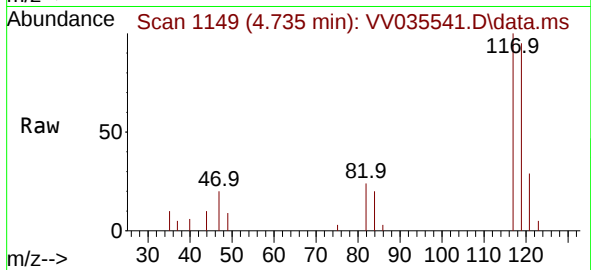
Tgt Ion: 97 Resp: 12083
Ion Ratio Lower Upper
97 100
99 66.4 51.7 77.5
61 44.1 33.5 50.3





#31
Carbon tetrachloride
Concen: 0.949 ug/L
RT: 4.735 min Scan# 1147
Delta R.T. 0.007 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

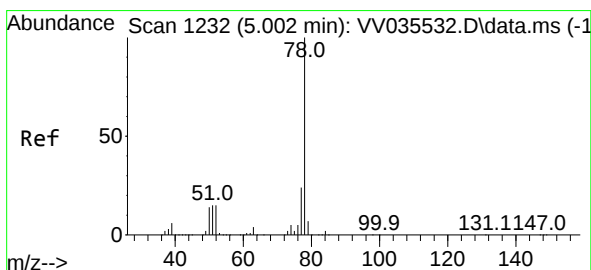
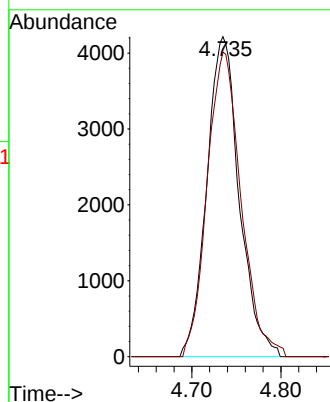
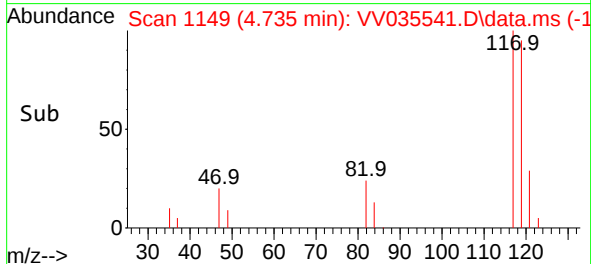
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion:117 Resp: 10670
Ion Ratio Lower Upper
117 100
119 99.4 77.3 115.9

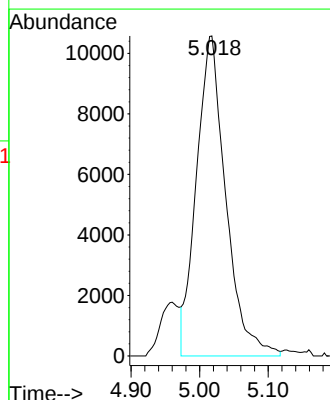
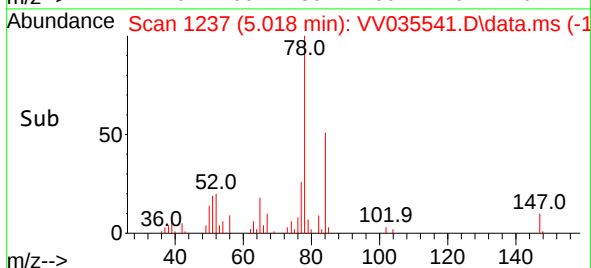
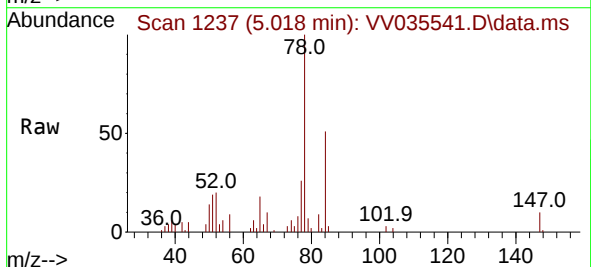
Manual Integrations
APPROVED

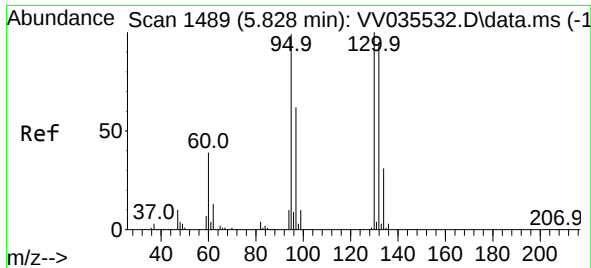
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024



#33
Benzene
Concen: 1.027 ug/L m
RT: 5.018 min Scan# 1237
Delta R.T. 0.016 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

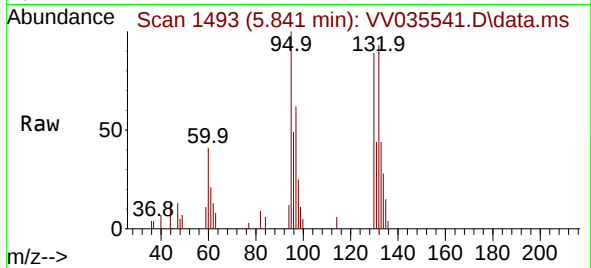
Tgt Ion: 78 Resp: 31420





#34
Trichloroethene
Concen: 1.020 ug/L
RT: 5.841 min Scan# 1489
Delta R.T. 0.013 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

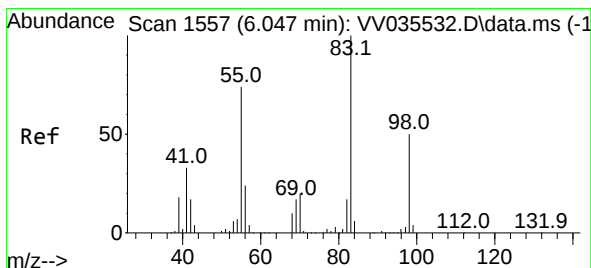
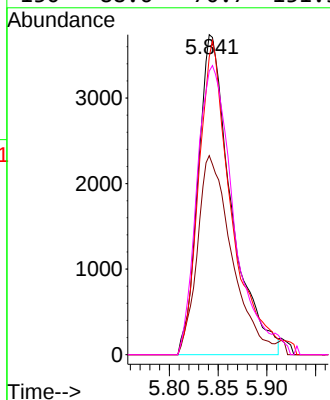
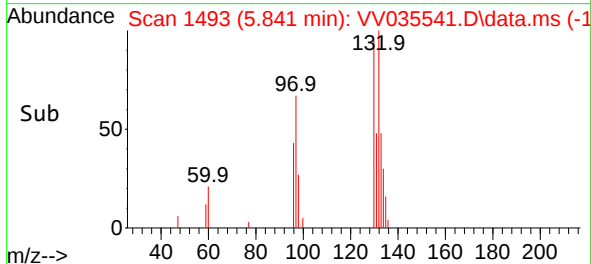
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.2	43.8	81.4
132	93.0	67.1	124.7
130	88.6	70.7	131.3

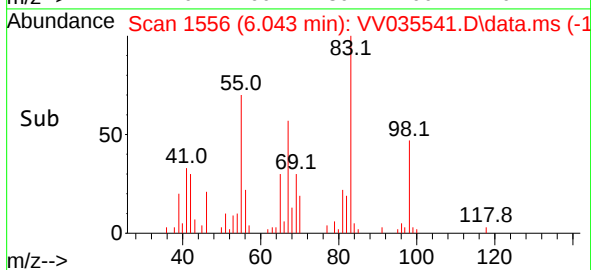
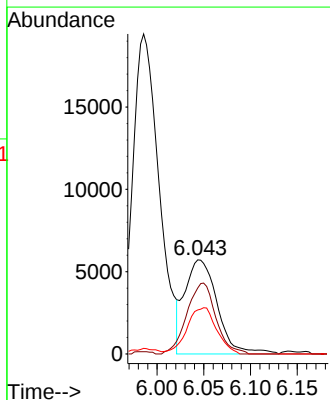
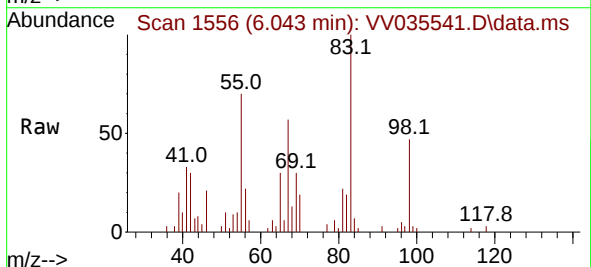
Manual Integrations
APPROVED

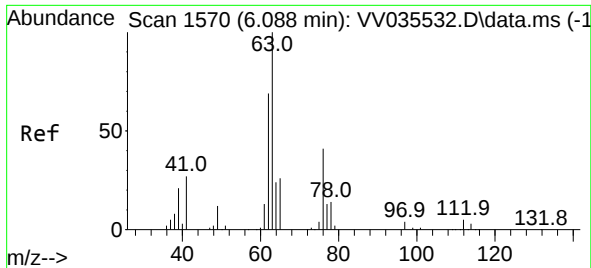
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024



#35
Methylcyclohexane
Concen: 1.053 ug/L m
RT: 6.043 min Scan# 1556
Delta R.T. -0.003 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

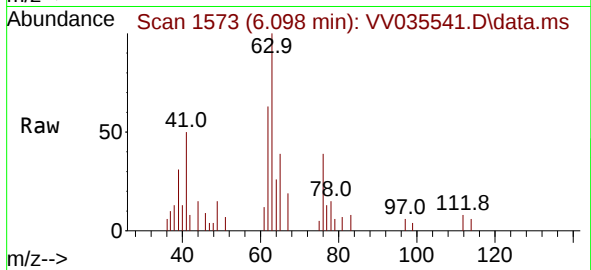
Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.1	57.5	86.3
98	44.9	38.6	58.0





#37
1,2-Dichloropropane
Concen: 1.044 ug/L m
RT: 6.098 min Scan# 1570
Delta R.T. 0.010 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

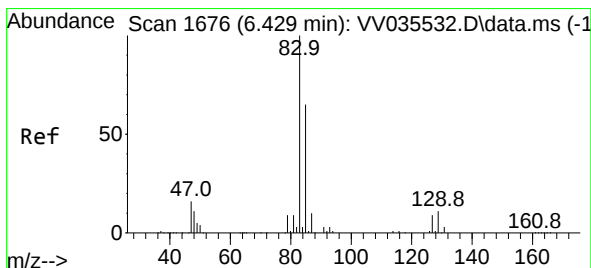
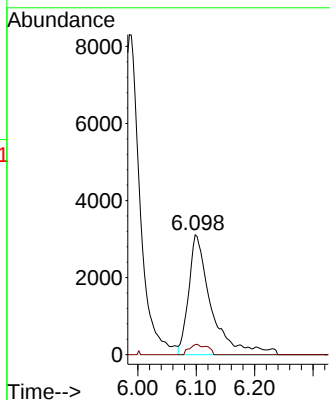
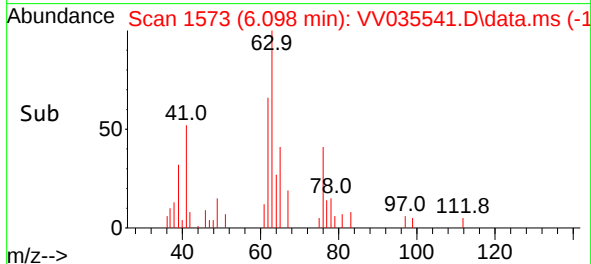
Instrument :
MSVOA_V
ClientSampleId :
MDL01



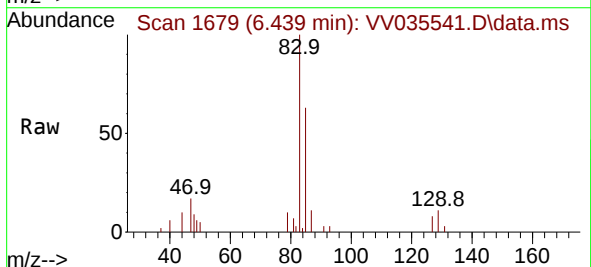
Tgt Ion: 63 Resp: 8338
Ion Ratio Lower Upper
63 100
112 1.4 3.8 5.6

Manual Integrations
APPROVED

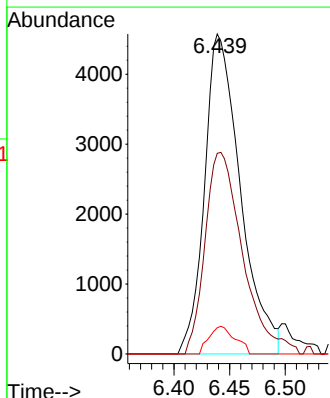
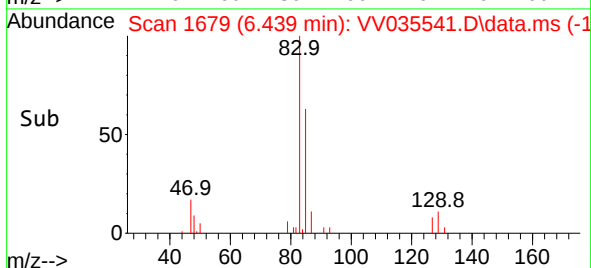
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024

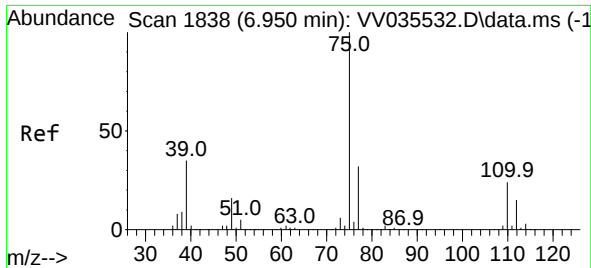


#38
Bromodichloromethane
Concen: 0.947 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.010 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46



Tgt Ion: 83 Resp: 10244
Ion Ratio Lower Upper
83 100
85 62.7 45.1 83.9
127 8.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 0.948 ug/L m

RT: 6.969 min Scan# 1184

Delta R.T. 0.019 min

Lab File: VV035541.D

Acq: 06 May 2024 17:46

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 75 Resp: 1184

Ion Ratio Lower Upper

75 100

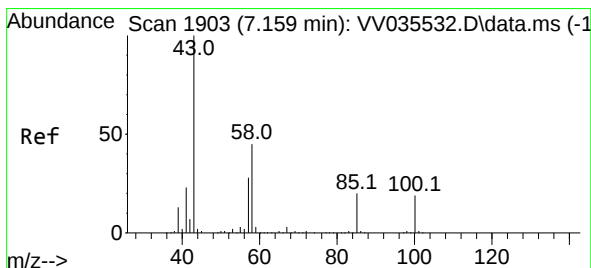
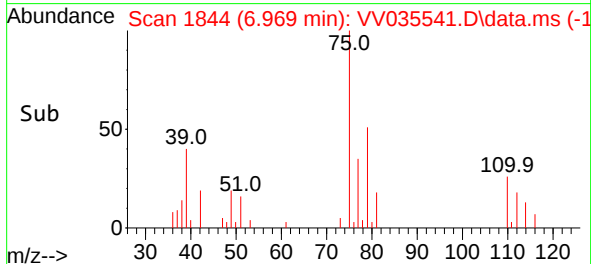
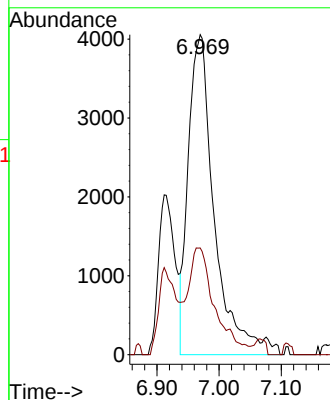
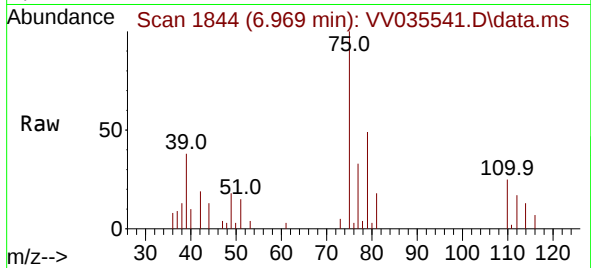
77 33.4 22.5 41.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin Yesilyurt 05/08/2024



#40

4-Methyl-2-pentanone

Concen: 2.496 ug/L m

RT: 7.175 min Scan# 1908

Delta R.T. 0.016 min

Lab File: VV035541.D

Acq: 06 May 2024 17:46

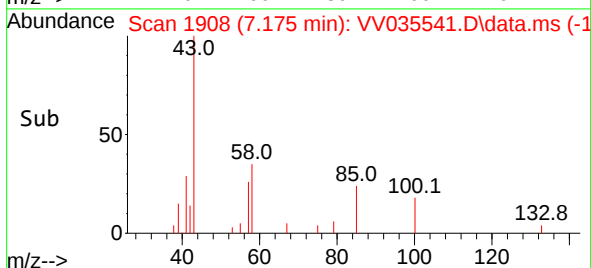
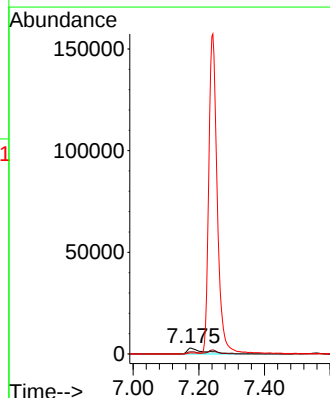
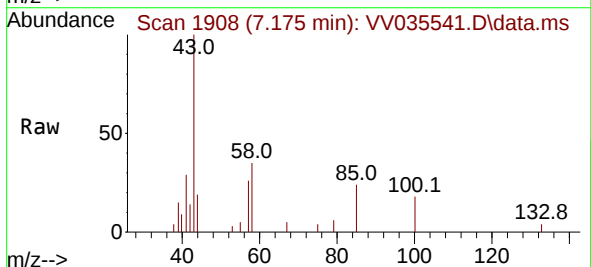
Tgt Ion: 43 Resp: 11935

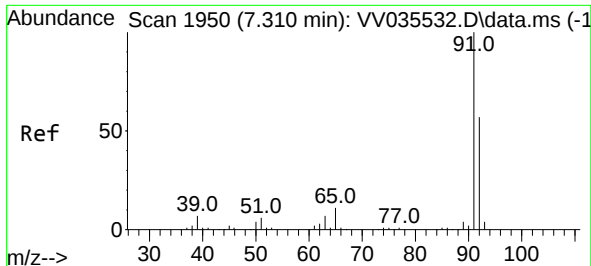
Ion Ratio Lower Upper

43 100

58 7.0 34.8 52.2#

100 5.6 13.9 20.9#





#42

Toluene

Concen: 0.957 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VV035541.D

Acq: 06 May 2024 17:46

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 91 Resp: 30994

Ion Ratio Lower Upper

91 100

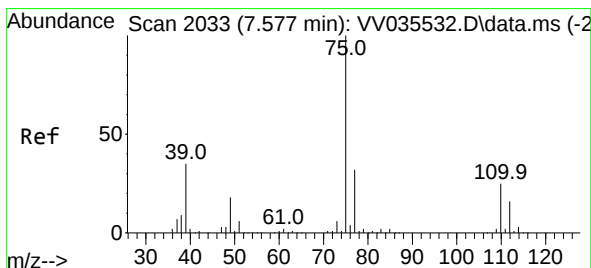
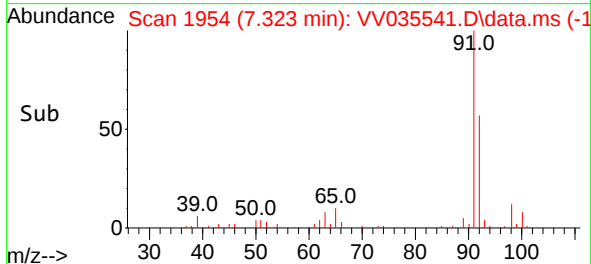
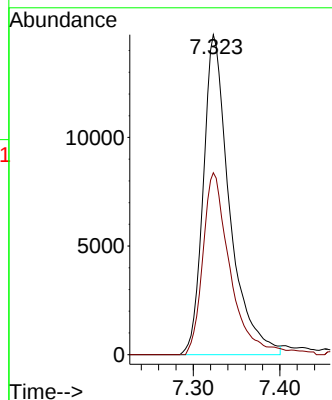
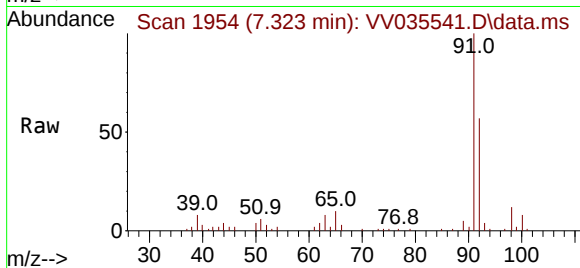
92 56.9 40.2 74.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin Yesilyurt 05/08/2024



#44

trans-1,3-Dichloropropene

Concen: 1.021 ug/L m

RT: 7.596 min Scan# 2039

Delta R.T. 0.019 min

Lab File: VV035541.D

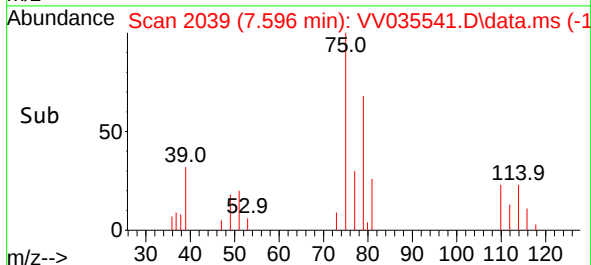
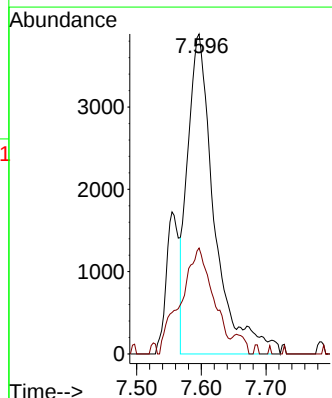
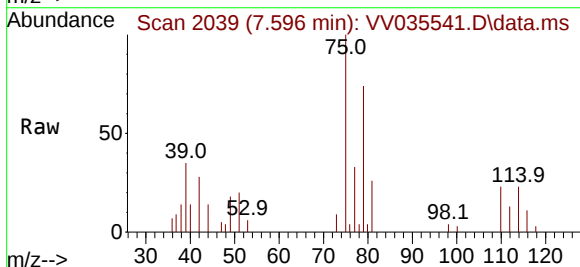
Acq: 06 May 2024 17:46

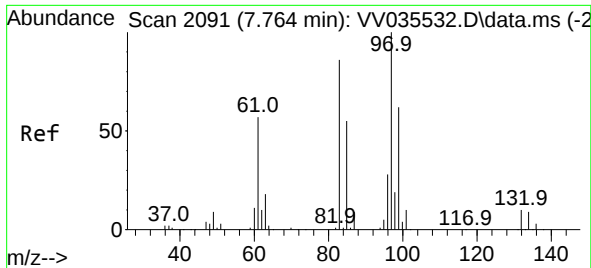
Tgt Ion: 75 Resp: 11158

Ion Ratio Lower Upper

75 100

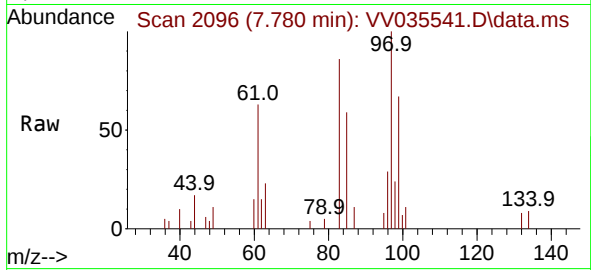
77 33.1 22.4 41.6





#45
1,1,2-Trichloroethane
Concen: 0.899 ug/L
RT: 7.780 min Scan# 2091
Delta R.T. 0.016 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

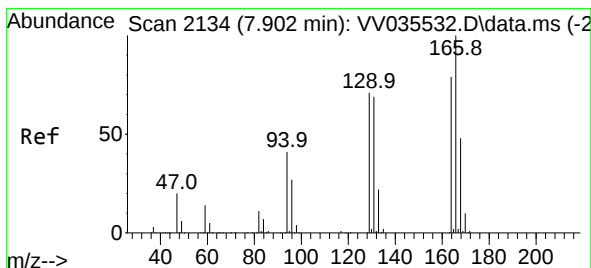
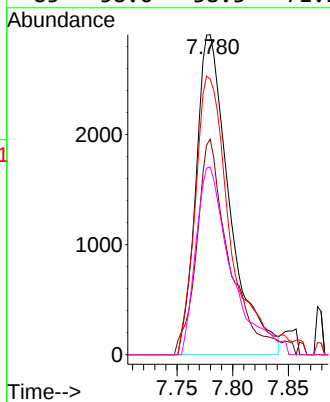
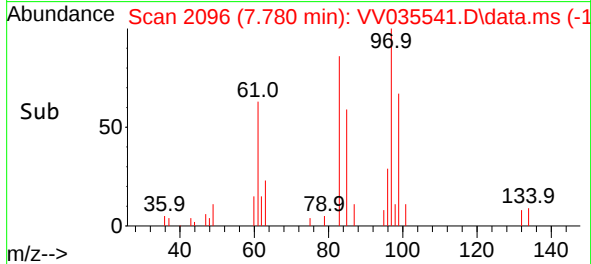
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.3	43.3	80.3
83	86.2	60.3	111.9
85	58.6	38.3	71.1

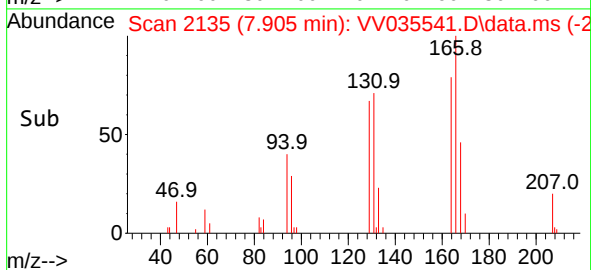
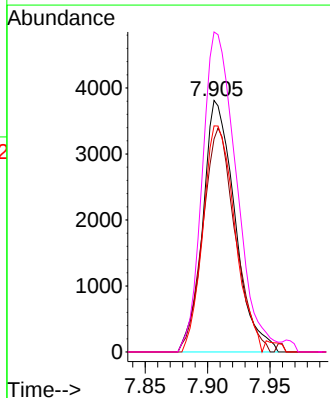
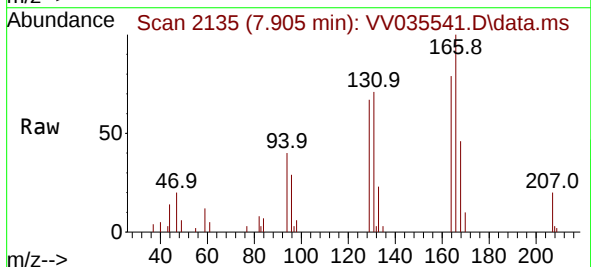
Manual Integrations
APPROVED

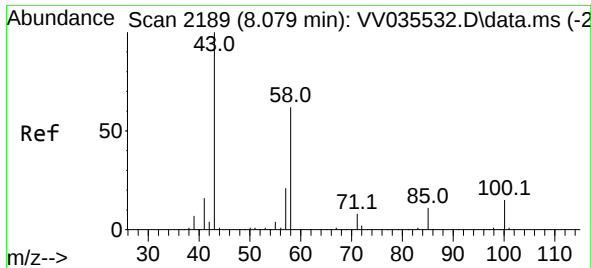
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024



#46
Tetrachloroethene
Concen: 0.969 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

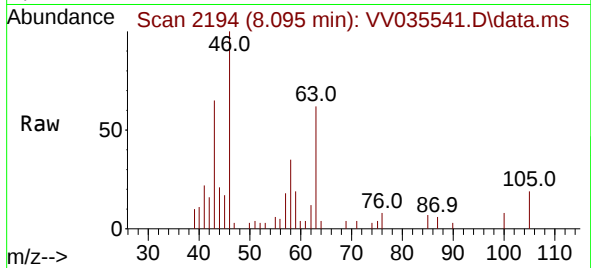
Tgt Ion	Ratio	Lower	Upper
164	100		
129	84.7	63.4	117.8
131	89.9	61.0	113.4
166	127.2	88.8	164.8





#48
2-Hexanone
Concen: 2.357 ug/L m
RT: 8.095 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

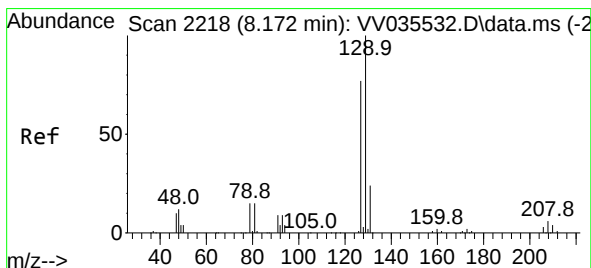
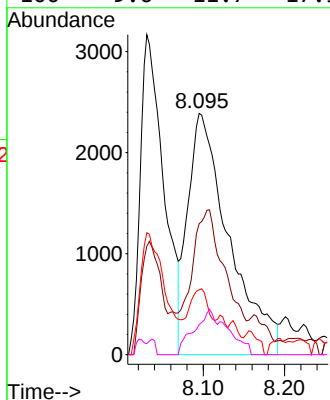
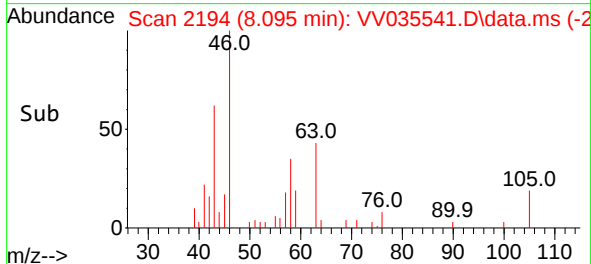
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
58 36.8 48.8 73.2
57 6.4 16.9 25.3
100 9.6 11.7 17.5#

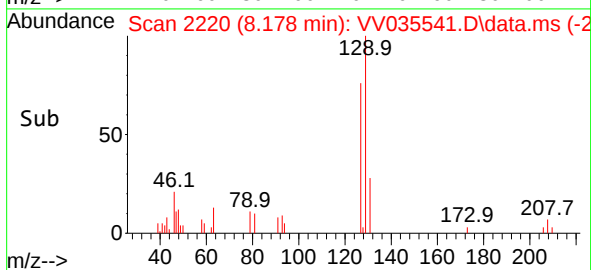
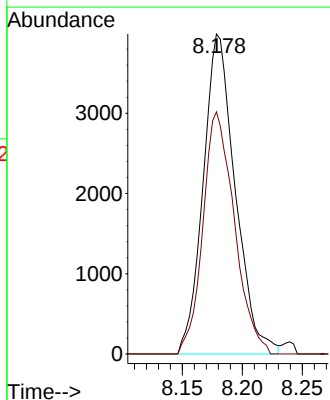
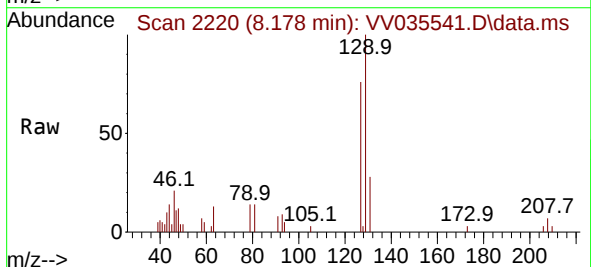
Manual Integrations
APPROVED

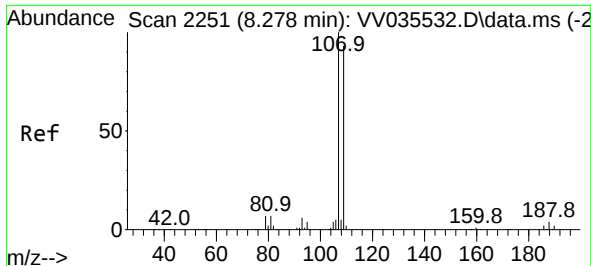
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024



#49
Dibromochloromethane
Concen: 0.970 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.007 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

Tgt Ion:129 Resp: 7421
Ion Ratio Lower Upper
129 100
127 75.6 53.8 99.8





#50

1,2-Dibromoethane

Concen: 0.977 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV035541.D

Acq: 06 May 2024 17:46

Instrument :

MSVOA_V

ClientSampleId :

MDL01

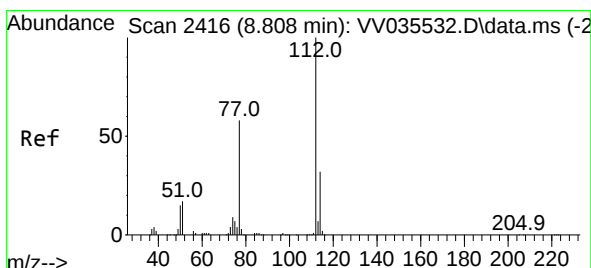
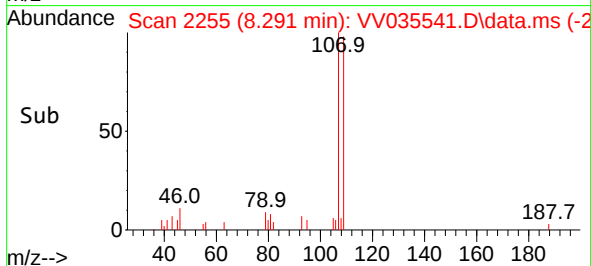
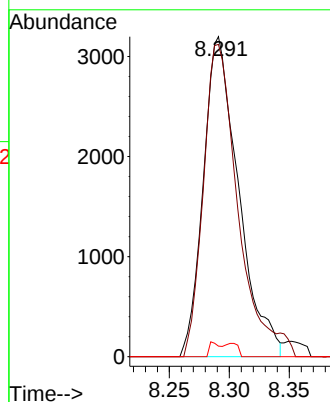
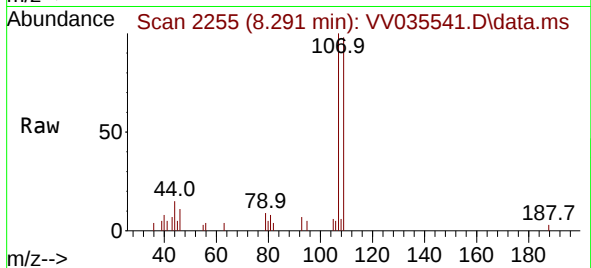
Tgt Ion:	107	Resp:	6530
Ion	Ratio	Lower	Upper
107	100		
109	97.6	65.4	121.4
188	3.3	2.9	4.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin Yesilyurt 05/08/2024



#51

Chlorobenzene

Concen: 1.010 ug/L

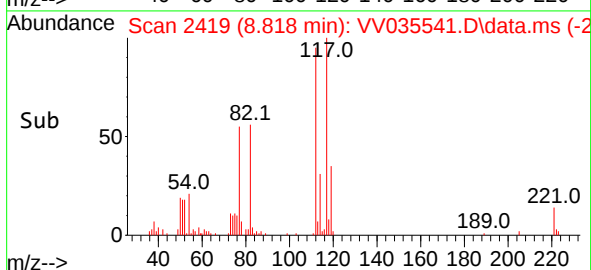
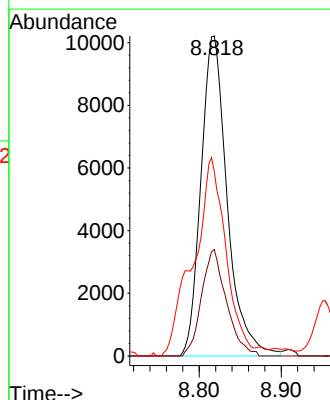
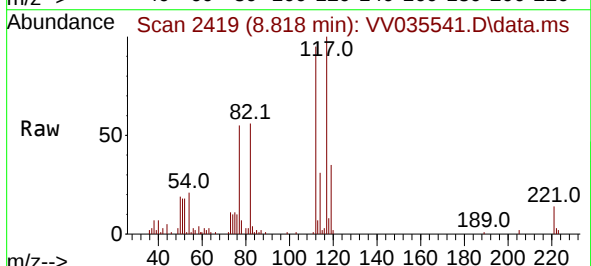
RT: 8.818 min Scan# 2419

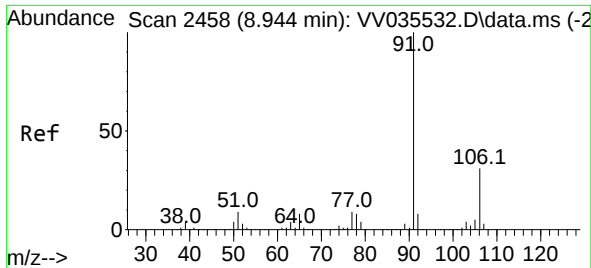
Delta R.T. 0.010 min

Lab File: VV035541.D

Acq: 06 May 2024 17:46

Tgt Ion:	112	Resp:	22693
Ion	Ratio	Lower	Upper
112	100		
114	33.2	22.5	41.7
77	57.6	46.6	69.8





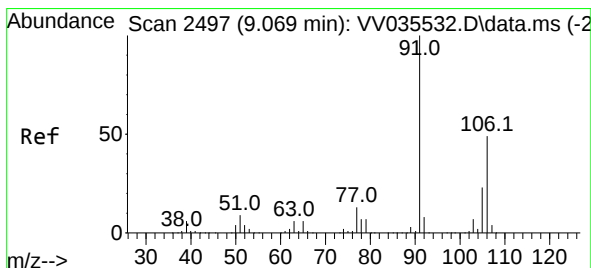
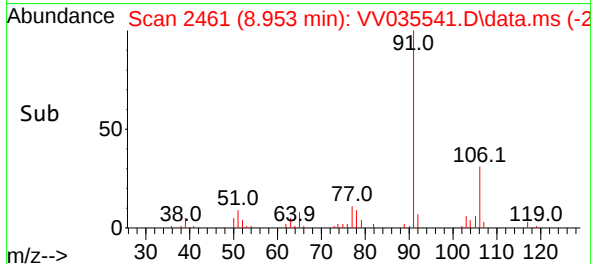
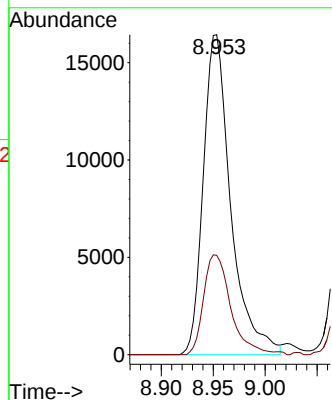
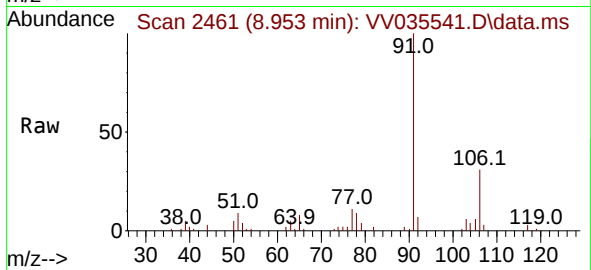
#52
Ethylbenzene
Concen: 0.847 ug/L
RT: 8.953 min Scan# 2458
Delta R.T. 0.010 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 3026
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3

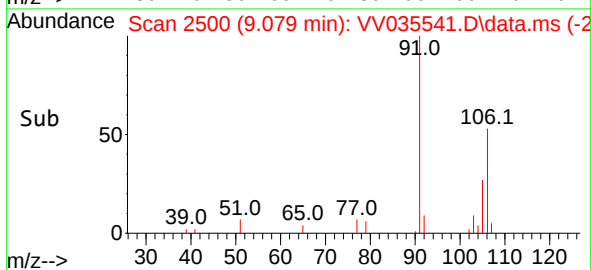
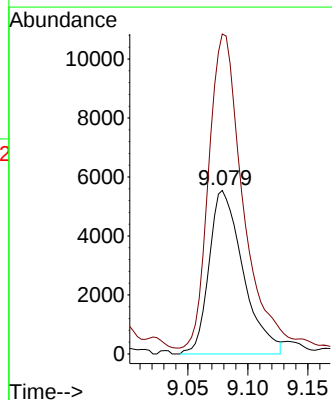
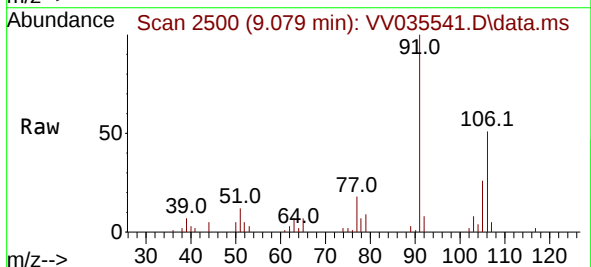
Manual Integrations
APPROVED

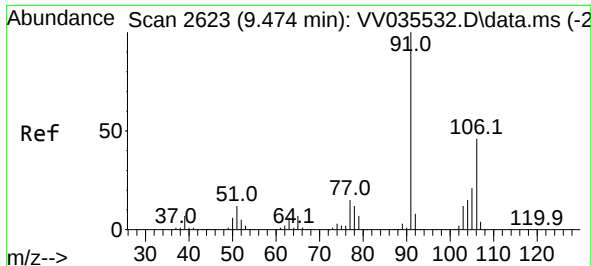
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024



#53
m,p-Xylene
Concen: 0.806 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.010 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

Tgt Ion:106 Resp: 10932
Ion Ratio Lower Upper
106 100
91 195.6 142.7 264.9





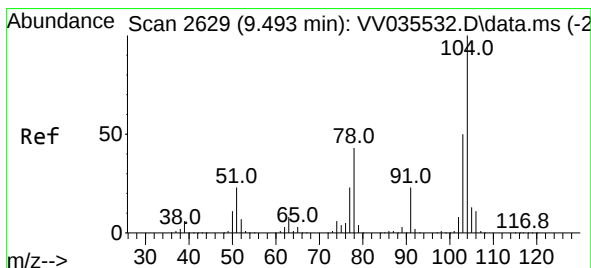
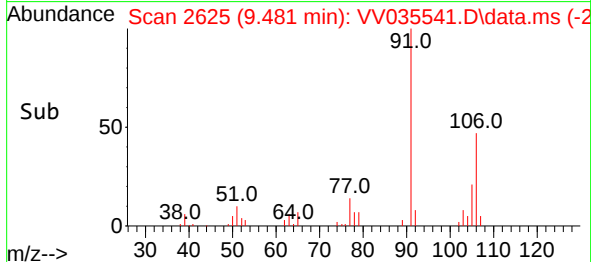
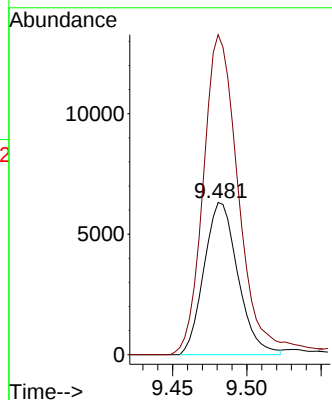
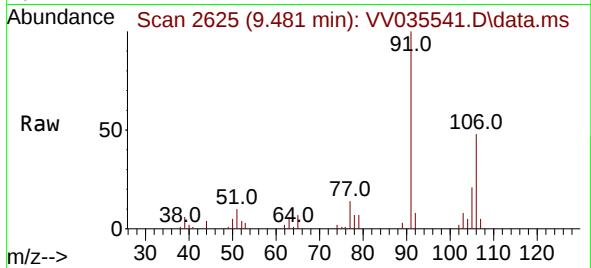
#54
o-Xylene
Concen: 0.780 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.007 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:106 Resp: 10034
Ion Ratio Lower Upper
106 100
91 210.4 150.9 280.3

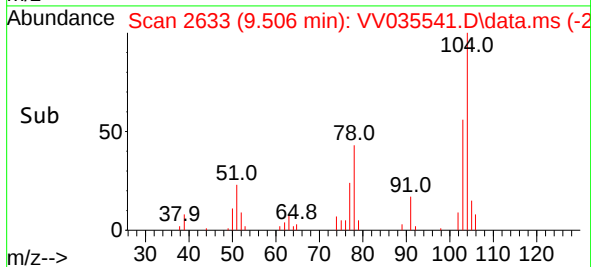
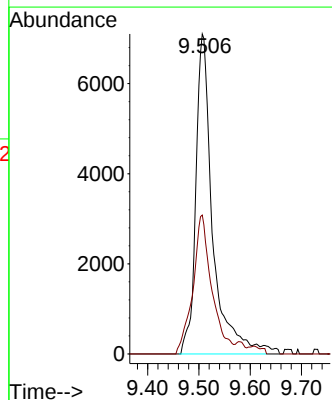
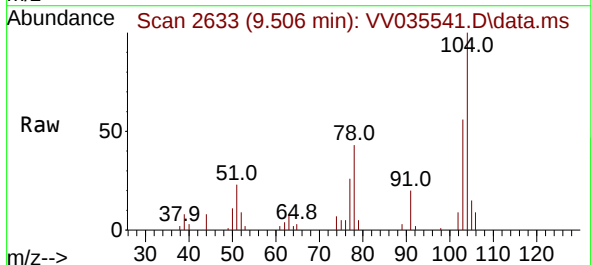
Manual Integrations
APPROVED

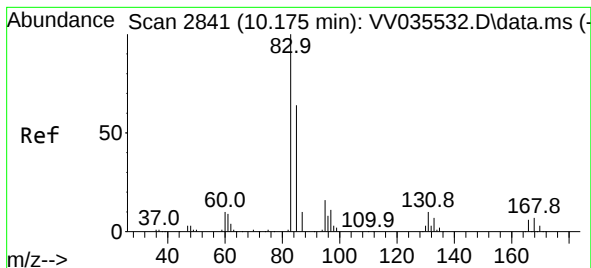
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024



#55
Styrene
Concen: 0.726 ug/L m
RT: 9.506 min Scan# 2633
Delta R.T. 0.013 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

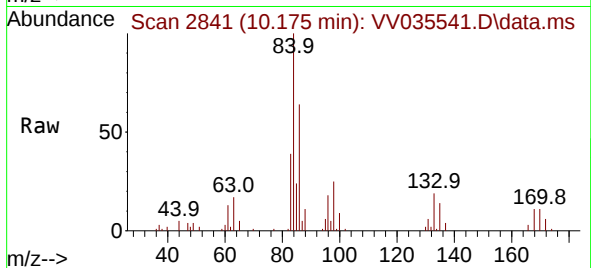
Tgt Ion:104 Resp: 16274
Ion Ratio Lower Upper
104 100
78 43.4 30.0 55.6





#57
1,1,2,2-Tetrachloroethane
Concen: 1.118 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

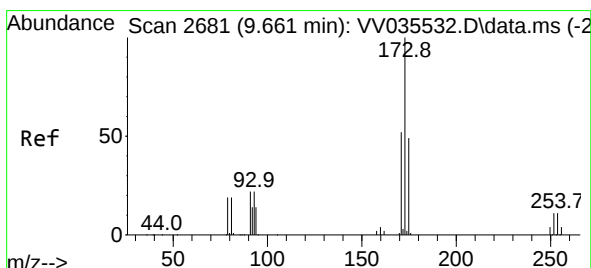
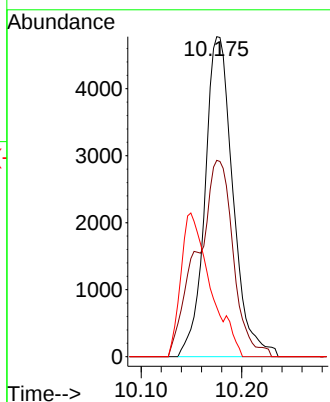
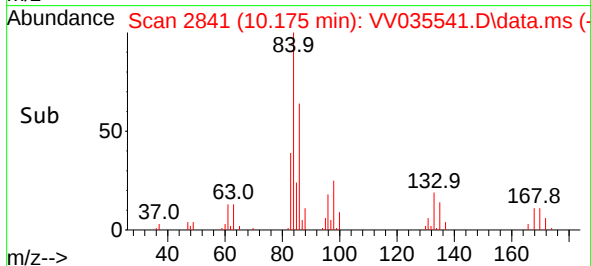
Instrument :
MSVOA_V
ClientSampleId :
MDL01



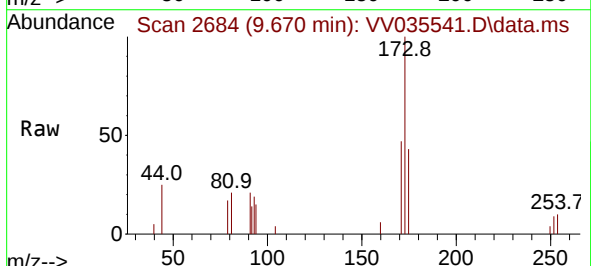
Tgt Ion: 83 Resp: 9239
Ion Ratio Lower Upper
83 100
85 61.3 44.7 83.1
131 15.4 8.0 12.0

Manual Integrations
APPROVED

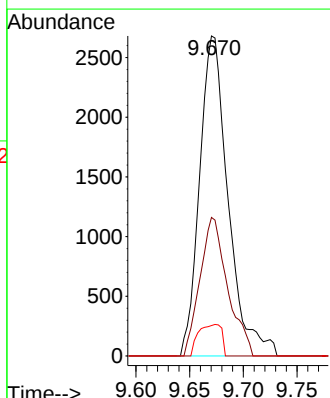
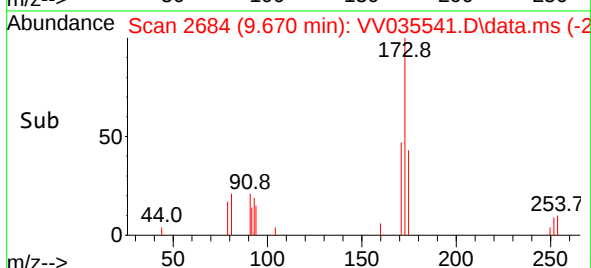
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024

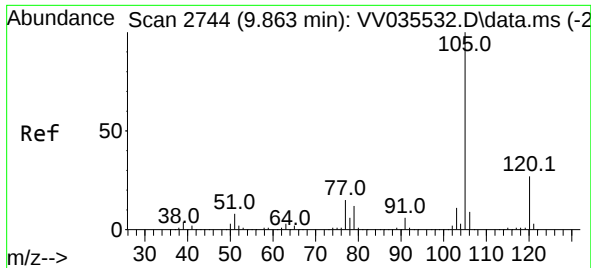


#59
Bromoform
Concen: 1.063 ug/L m
RT: 9.670 min Scan# 2684
Delta R.T. 0.010 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46



Tgt Ion:173 Resp: 4962
Ion Ratio Lower Upper
173 100
175 41.9 38.7 58.1
254 8.0 8.3 12.5





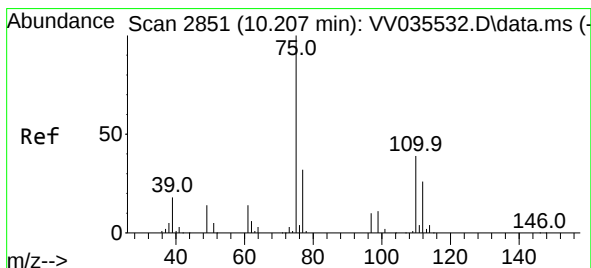
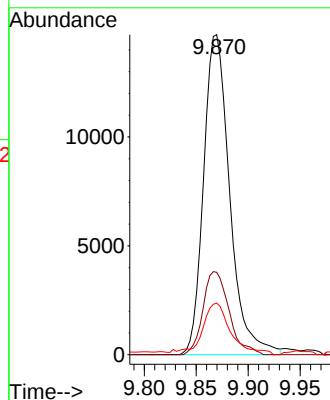
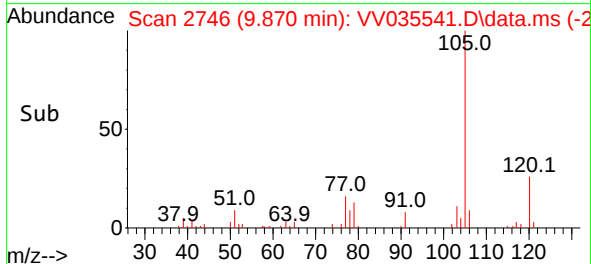
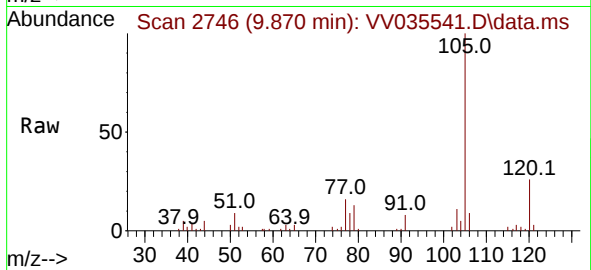
#60
Isopropylbenzene
Concen: 0.814 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:105 Resp: 25758
Ion Ratio Lower Upper
105 100
120 25.9 21.3 31.9
77 16.6 12.2 18.2

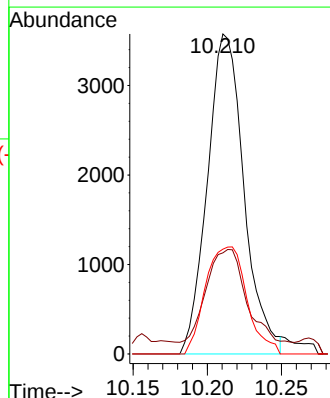
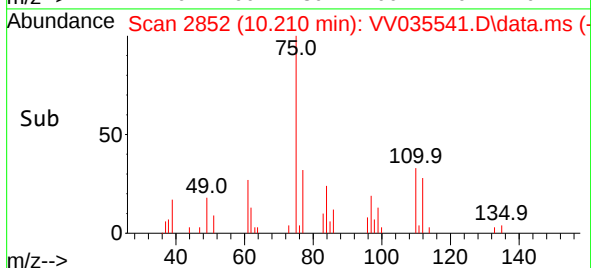
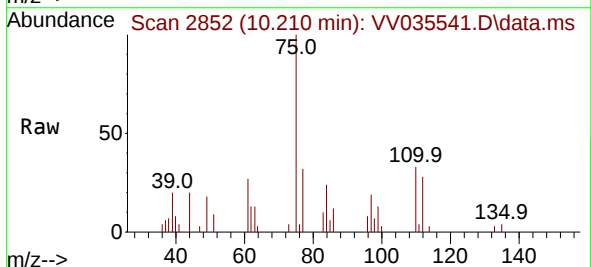
Manual Integrations
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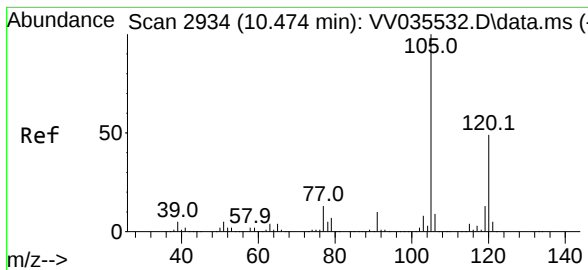
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024



#61
1,2,3-Trichloropropane
Concen: 1.100 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

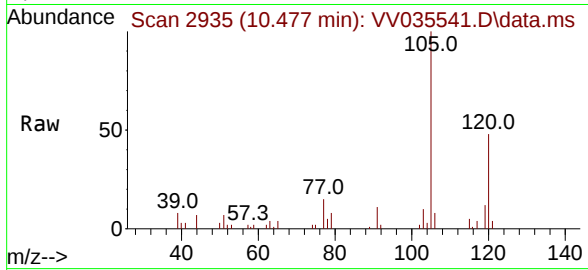
Tgt Ion: 75 Resp: 6124
Ion Ratio Lower Upper
75 100
77 39.4 25.7 38.5#
110 37.8 31.8 47.8





#62
1,3,5-Trimethylbenzene
Concen: 0.757 ug/L
RT: 10.477 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

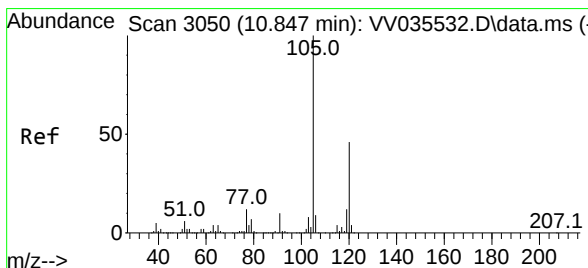
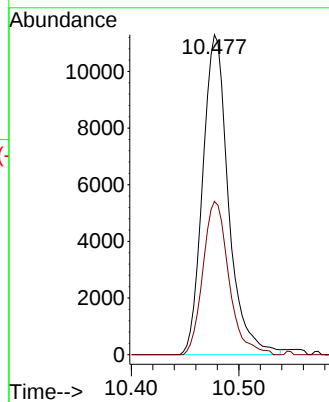
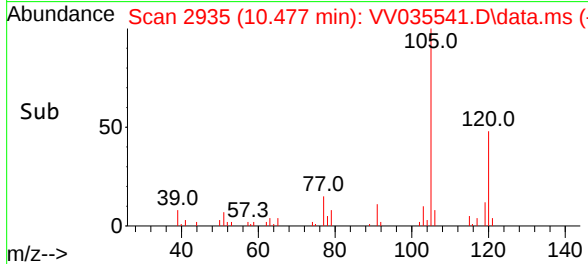
Instrument : MSVOA_V
ClientSampleId : MDL01



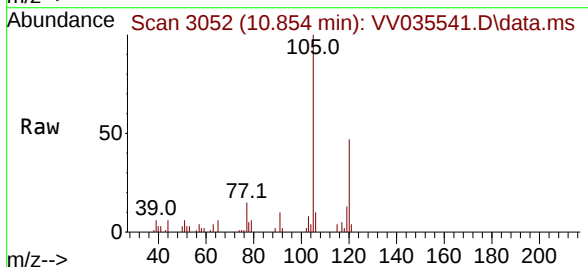
Tgt Ion:105 Resp: 18795
Ion Ratio Lower Upper
105 100
120 48.1 39.4 59.0

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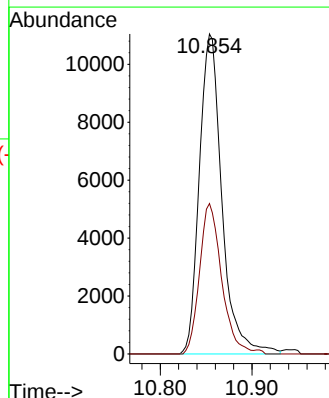
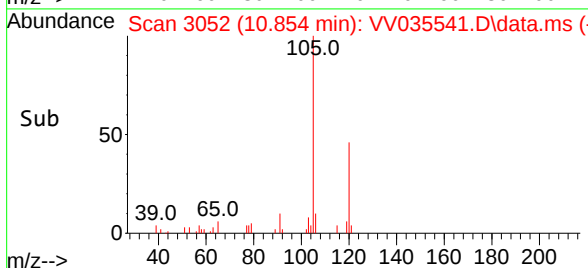
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024

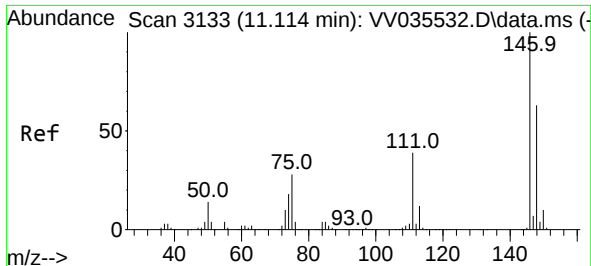


#63
1,2,4-Trimethylbenzene
Concen: 0.740 ug/L
RT: 10.854 min Scan# 3052
Delta R.T. 0.007 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46



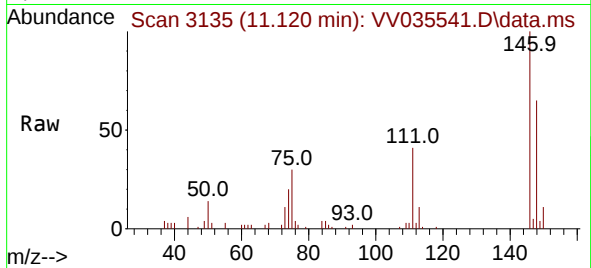
Tgt Ion:105 Resp: 18884
Ion Ratio Lower Upper
105 100
120 45.8 36.6 55.0





#64
1,3-Dichlorobenzene
Concen: 0.970 ug/L
RT: 11.120 min Scan# 3133
Delta R.T. 0.007 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

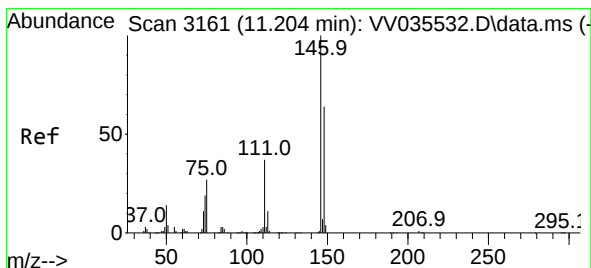
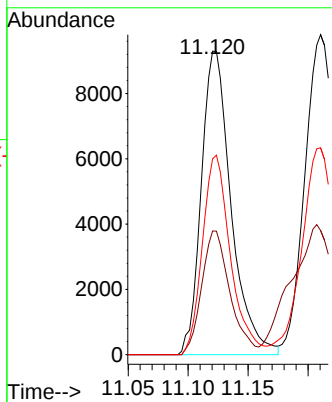
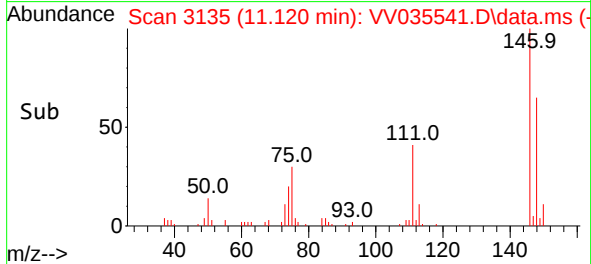
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion:146 Resp: 16110
Ion Ratio Lower Upper
146 100
111 40.8 27.0 50.2
148 64.5 44.3 82.3

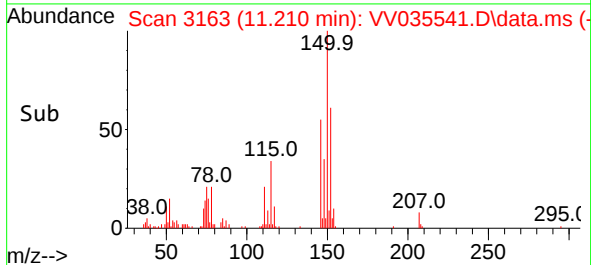
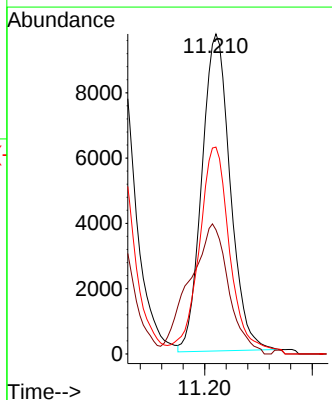
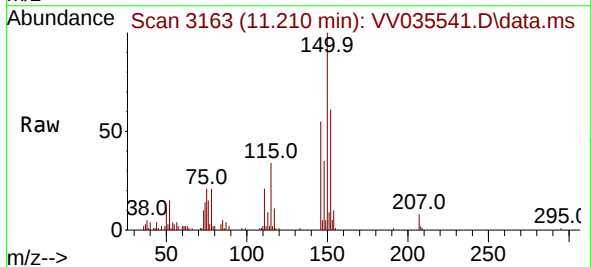
Manual Integrations
APPROVED

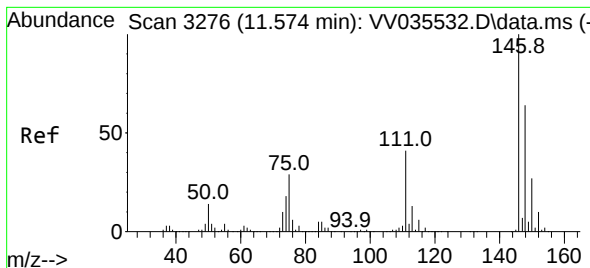
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024



#65
1,4-Dichlorobenzene
Concen: 1.037 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.007 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

Tgt Ion:146 Resp: 17832
Ion Ratio Lower Upper
146 100
111 38.8 26.2 48.6
148 64.6 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 1.053 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035541.D

Acq: 06 May 2024 17:46

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion:146 Resp: 1646

Ion Ratio Lower Upper

146 100

111 42.6 32.6 48.8

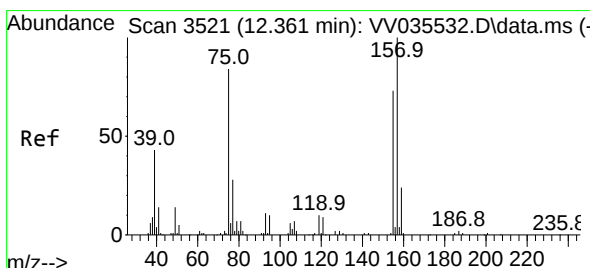
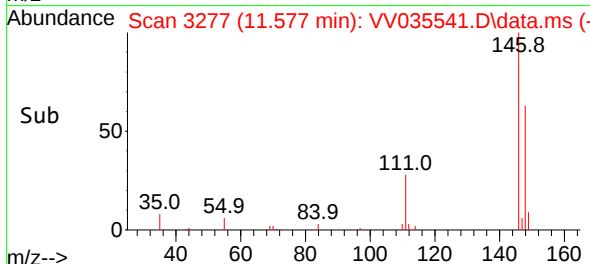
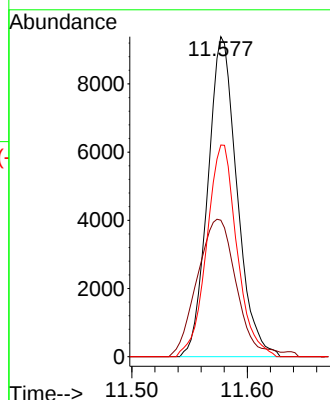
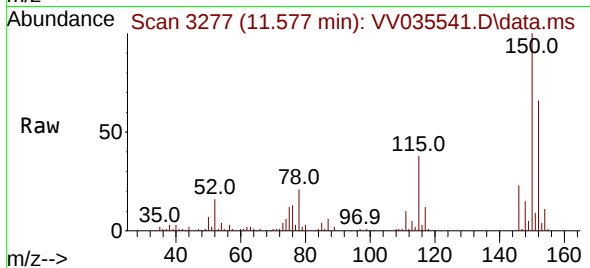
148 66.2 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024

Supervised By :Semsettin Yesilyurt 05/08/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 1.026 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.010 min

Lab File: VV035541.D

Acq: 06 May 2024 17:46

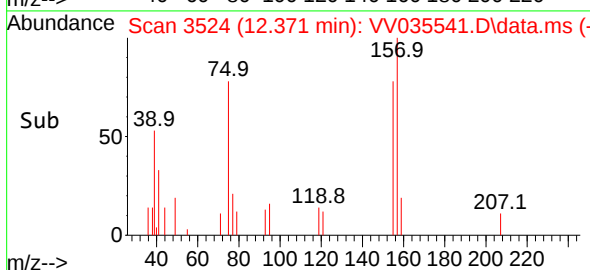
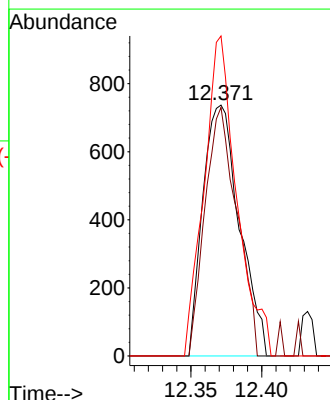
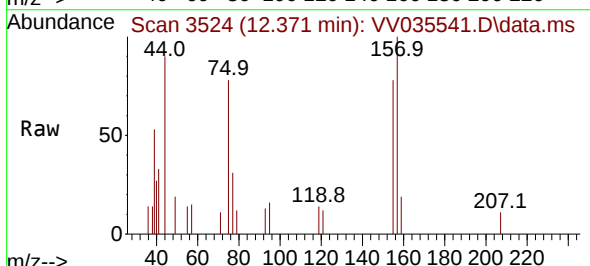
Tgt Ion: 75 Resp: 1325

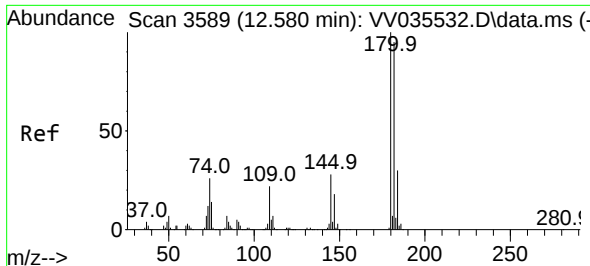
Ion Ratio Lower Upper

75 100

155 99.1 69.8 104.6

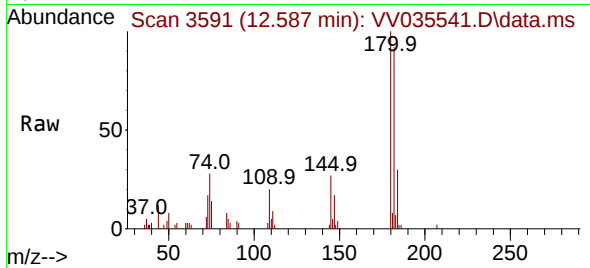
157 127.5 95.0 142.6





#69
1,3,5-Trichlorobenzene
Concen: 0.948 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.007 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46

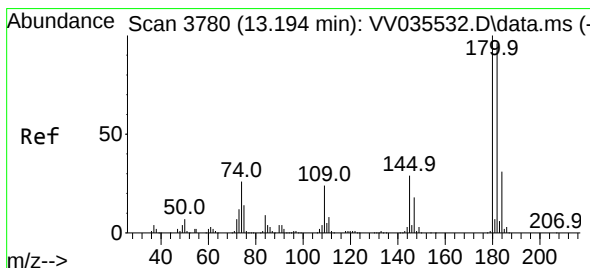
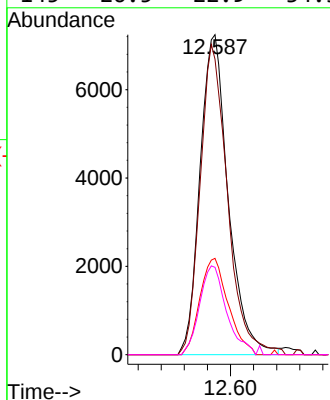
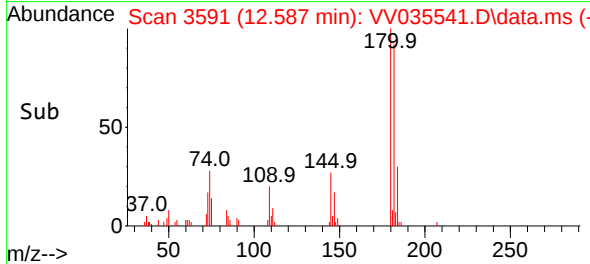
Instrument :
MSVOA_V
ClientSampleId :
MDL01



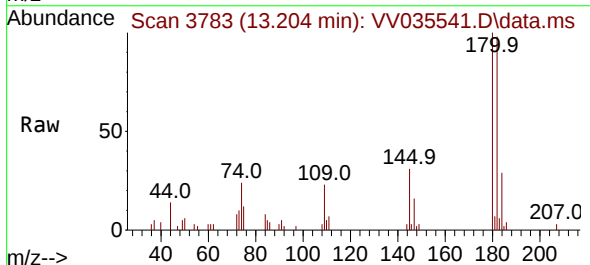
Tgt Ion:180 Resp: 1230
Ion Ratio Lower Upper
180 100
182 93.8 76.2 114.2
184 30.2 24.1 36.1
145 26.5 22.9 34.3

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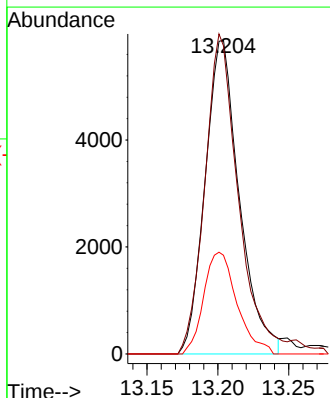
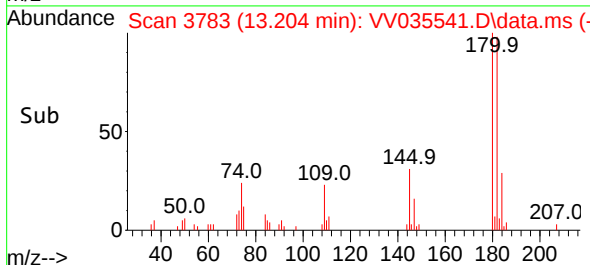
Reviewed By :Mahesh Dadoda 05/08/2024
Supervised By :Semsettin Yesilyurt 05/08/2024

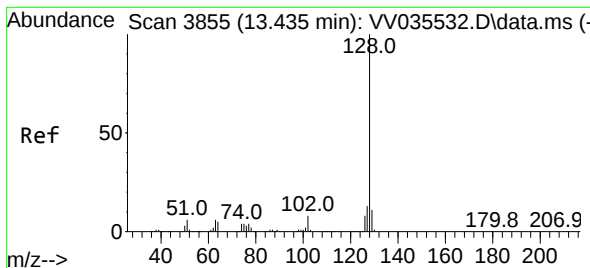


#70
1,2,4-trichlorobenzene
Concen: 0.909 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.010 min
Lab File: VV035541.D
Acq: 06 May 2024 17:46



Tgt Ion:180 Resp: 9853
Ion Ratio Lower Upper
180 100
182 99.6 76.6 114.8
145 31.5 23.2 34.8





#71

Naphthalene

Concen: 0.889 ug/L m

RT: 13.445 min Scan# 3855

Delta R.T. 0.010 min

Lab File: VV035541.D

Acq: 06 May 2024 17:46

Instrument :

MSVOA_V

ClientSampleId :

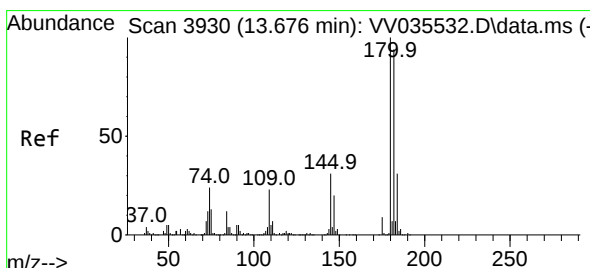
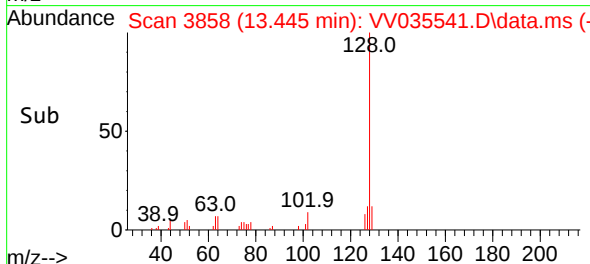
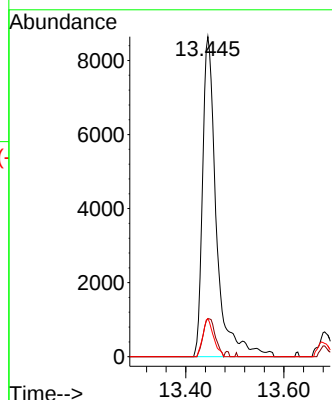
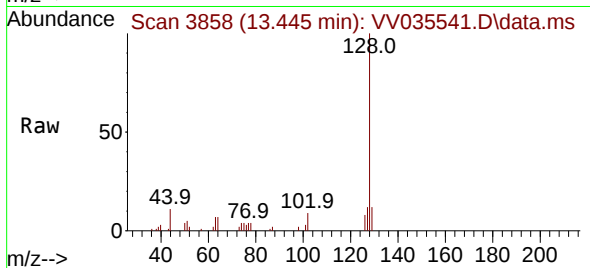
MDL01

Tgt Ion:	128	Resp:	1690
Ion Ratio	Lower	Upper	
128	100		
127	10.4	10.4	15.6
129	9.2	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: 0.901 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035541.D

Acq: 06 May 2024 17:46

Tgt Ion:	180	Resp:	8780
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.8	113.6
145	37.6	25.2	37.8

