

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050924\
 Data File : VW035565.D
 Acq On : 09 May 2024 11:15
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024
 Supervised By :Semsettin Yesilyurt 05/10/2024

Quant Time: May 09 12:34:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 01:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	374911	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	402374	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	208501	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	115712	19.969	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.880%		
7) Chloroethane-d5	1.529	69	98595	21.091	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.360%		
11) 1,1-Dichloroethene-d2	2.053	65	53830	20.983	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.920%		
21) 2-Butanone-d5	3.834	46	87248m	53.055	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.100%		
24) Chloroform-d	4.243	84	252889	22.689	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.760%		
26) 1,2-Dichloroethane-d4	4.937	65	132396	24.028	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.120%		
32) Benzene-d6	4.953	84	462603	21.003	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.000%		
36) 1,2-Dichloropropane-d6	5.985	67	156125	22.969	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.880%		
41) Toluene-d8	7.239	98	390743	19.933	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.720%		
43) trans-1,3-Dichloroprop...	7.554	79	58844	20.242	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.960%		
47) 2-Hexanone-d5	8.030	63	56684	46.376	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.760%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	154885	23.647	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.600%		
66) 1,2-Dichlorobenzene-d4	11.557	152	168951	23.349	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	9169	1.203	ug/L	99
3) Chloromethane	1.214	50	10368	1.355	ug/L	95
5) Vinyl chloride	1.278	62	9722	1.230	ug/L #	76
6) Bromomethane	1.484	94	6583	1.315	ug/L	99
8) Chloroethane	1.548	64	5773	1.185	ug/L	99
9) Trichlorofluoromethane	1.709	101	11939	1.157	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	8742	1.343	ug/L	87
12) 1,1-Dichloroethene	2.063	96	8275	1.407	ug/L #	1
13) Acetone	2.156	43	8317m	3.455	ug/L	
14) Carbon disulfide	2.233	76	23884	1.282	ug/L	98
15) Methyl Acetate	2.391	43	3989m	1.094	ug/L	
16) Methylene chloride	2.442	84	17648	2.041	ug/L	92
17) trans-1,2-Dichloroethene	2.693	96	6932	1.062	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	16353	1.038	ug/L #	81
19) 1,1-Dichloroethane	3.108	63	12808	1.046	ug/L	94
20) cis-1,2-Dichloroethene	3.821	96	6868	0.970	ug/L	90
22) 2-Butanone	3.940	43	4508m	2.017	ug/L	
23) Bromochloromethane	4.156	128	3632	1.061	ug/L #	94
25) Chloroform	4.272	83	15698	1.242	ug/L	85

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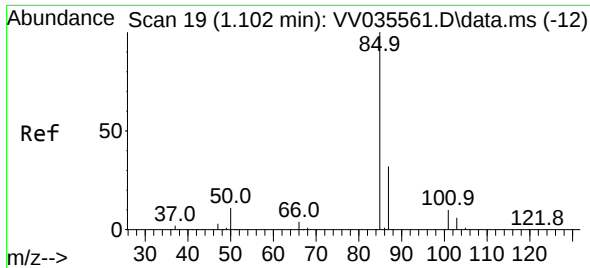
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024
 Supervised By :Semsettin Yesilyurt 05/10/2024

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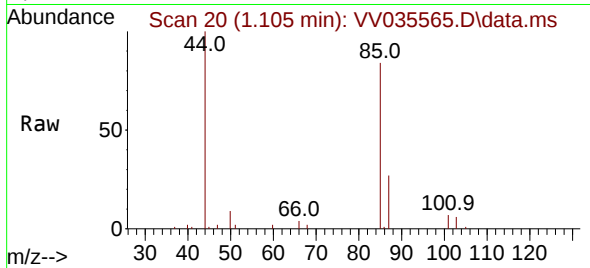
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.063	62	8288	1.053	ug/L	96
29) Cyclohexane	4.577	56	8742	0.909	ug/L #	93
30) 1,1,1-Trichloroethane	4.506	97	11262m	1.009	ug/L	
31) Carbon tetrachloride	4.731	117	10737	1.097	ug/L	92
33) Benzene	5.014	78	28268	1.061	ug/L	100
34) Trichloroethene	5.841	95	8177	1.086	ug/L	95
35) Methylcyclohexane	6.043	83	11668m	1.020	ug/L	
37) 1,2-Dichloropropane	6.098	63	7560	1.088	ug/L #	95
38) Bromodichloromethane	6.439	83	9635	1.024	ug/L #	98
39) cis-1,3-Dichloropropene	6.963	75	11205m	1.031	ug/L	
40) 4-Methyl-2-pentanone	7.172	43	9715m	2.335	ug/L	
42) Toluene	7.323	91	28082	0.996	ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	10096	1.062	ug/L	95
45) 1,1,2-Trichloroethane	7.779	97	6389	1.082	ug/L	95
46) Tetrachloroethene	7.905	164	6566	1.073	ug/L	92
48) 2-Hexanone	8.104	43	8217m	2.634	ug/L	
49) Dibromochloromethane	8.178	129	6709	1.007	ug/L	91
50) 1,2-Dibromoethane	8.291	107	6468	1.112	ug/L #	98
51) Chlorobenzene	8.815	112	20502	1.048	ug/L	98
52) Ethylbenzene	8.950	91	26937	0.866	ug/L	99
53) m,p-Xylene	9.078	106	9908m	0.839	ug/L	
54) o-Xylene	9.480	106	8844	0.790	ug/L	98
55) Styrene	9.506	104	14296m	0.733	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.175	83	7796	1.084	ug/L #	90
59) Bromoform	9.670	173	4366	1.066	ug/L #	96
60) Isopropylbenzene	9.869	105	23489	0.846	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	5697	1.166	ug/L	94
62) 1,3,5-Trimethylbenzene	10.477	105	16765	0.769	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	16768	0.749	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	14576	1.000	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	16187	1.073	ug/L	94
67) 1,2-Dichlorobenzene	11.577	146	15236	1.110	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.371	75	1597	1.409	ug/L #	70
69) 1,3,5-Trichlorobenzene	12.583	180	11409	1.002	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	9335	0.982	ug/L	98
71) Naphthalene	13.445	128	13898m	0.832	ug/L	
72) 1,2,3-Trichlorobenzene	13.683	180	7961	0.930	ug/L #	93

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



#2
Dichlorodifluoromethane
Concen: 1.203 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV035565.D
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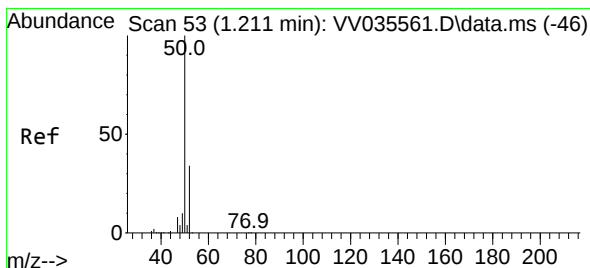
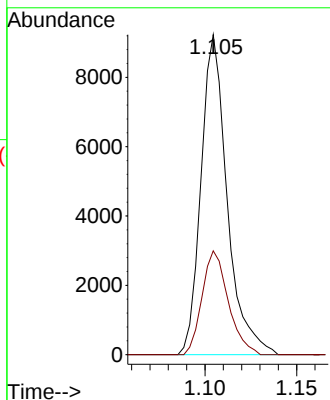
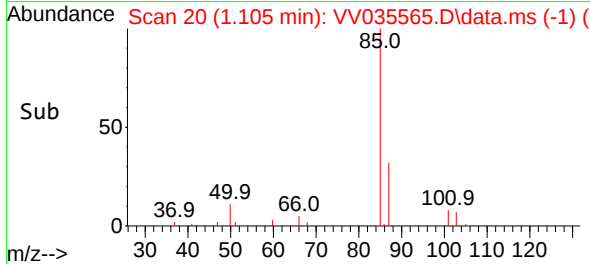
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 85 Resp: 9169
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.6

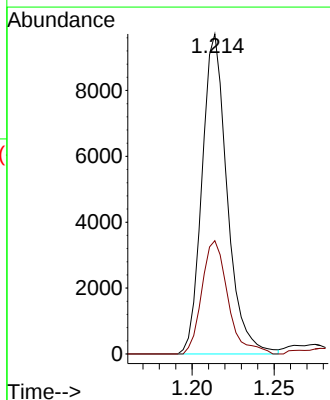
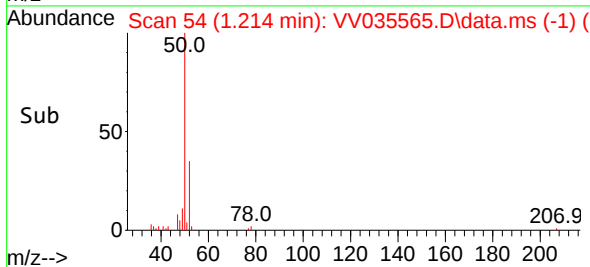
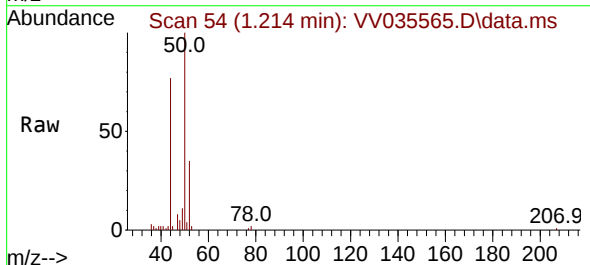
Manual Integrations
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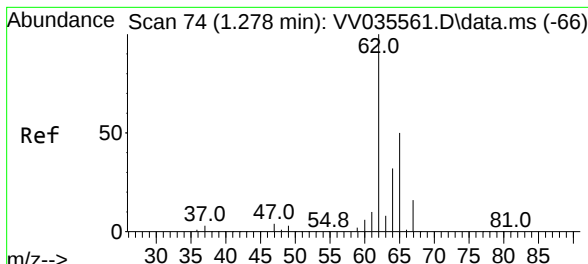
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#3
Chloromethane
Concen: 1.355 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Tgt Ion: 50 Resp: 10368
Ion Ratio Lower Upper
50 100
52 35.4 22.7 42.1



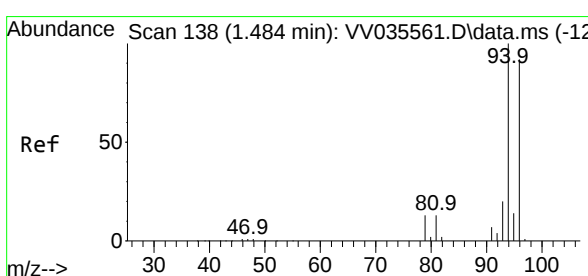
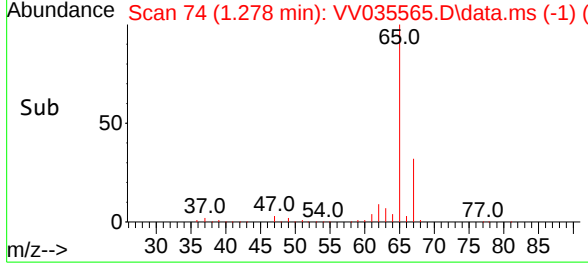
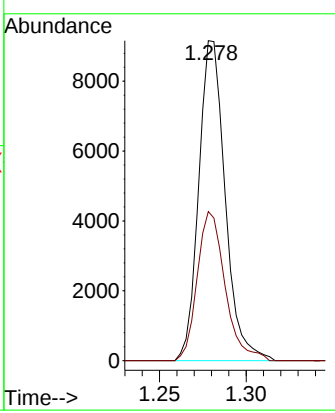
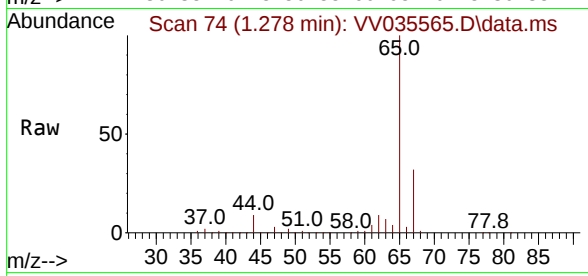


#5
 Vinyl chloride
 Concen: 1.230 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV035565.D
 Acq: 09 May 2024 11:15

Instrument : MSVOA_V
 ClientSampleId : MDL05

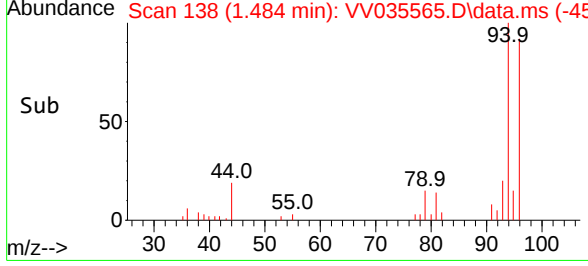
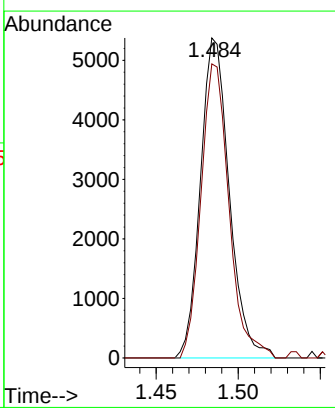
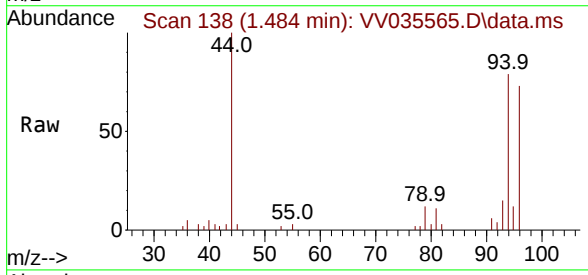
Tgt Ion: 62	Resp: 972
Ion Ratio	Lower Upper
62	100
64	46.6 23.0 42.6

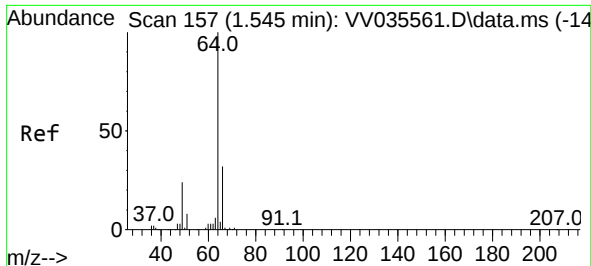
Manual Integrations
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 Reviewed By :Mahesh Dadoda 05/10/2024
 Supervised By :Semsettin Yesilyurt 05/10/2024



#6
 Bromomethane
 Concen: 1.315 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV035565.D
 Acq: 09 May 2024 11:15

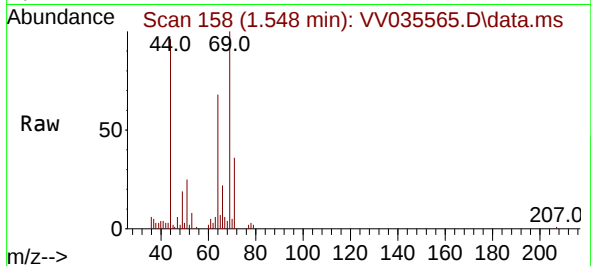
Tgt Ion: 94	Resp: 6583
Ion Ratio	Lower Upper
94	100
96	91.9 65.2 121.0





#8
Chloroethane
Concen: 1.185 ug/L
RT: 1.548 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

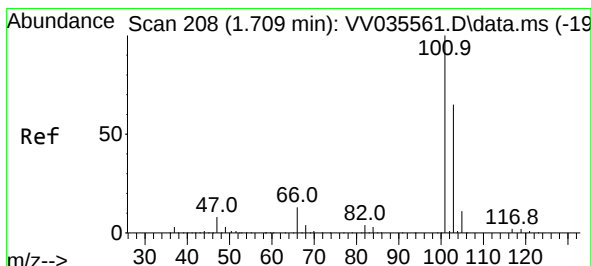
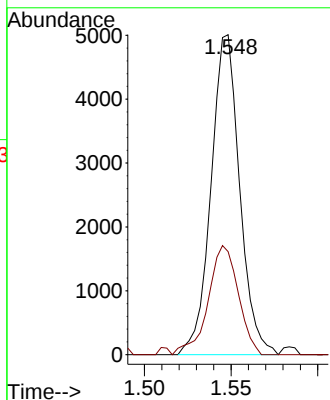
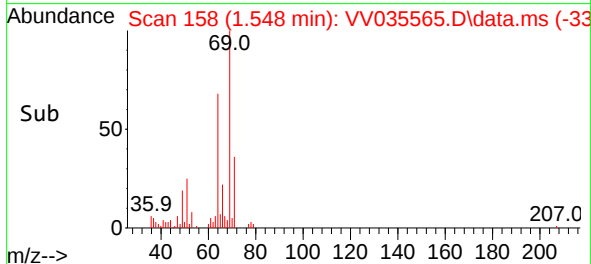
Instrument :
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Tgt Ion: 64 Resp: 577
Ion Ratio Lower Upper
64 100
66 32.2 22.0 40.8

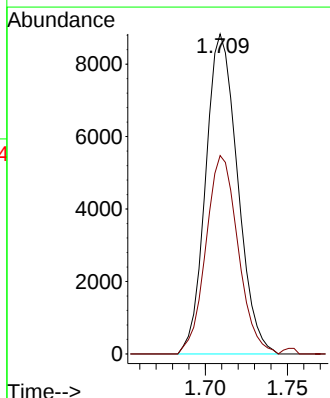
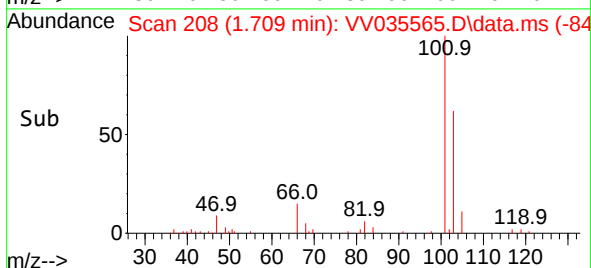
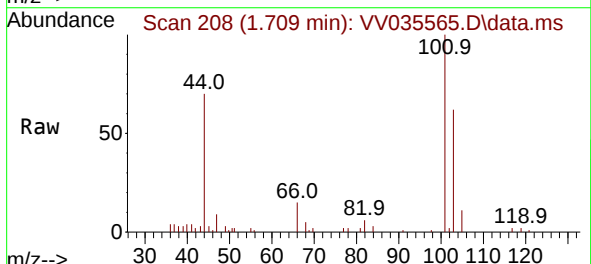
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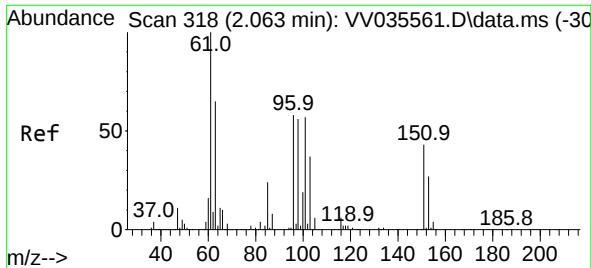
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#9
Trichlorofluoromethane
Concen: 1.157 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Tgt Ion:101 Resp: 11939
Ion Ratio Lower Upper
101 100
103 62.4 51.5 77.3





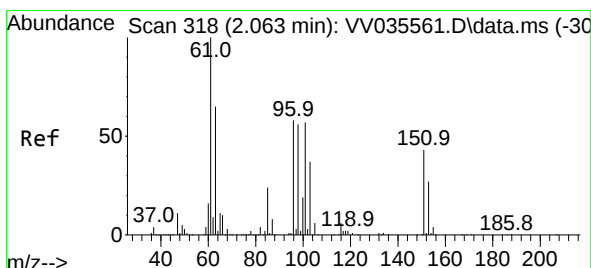
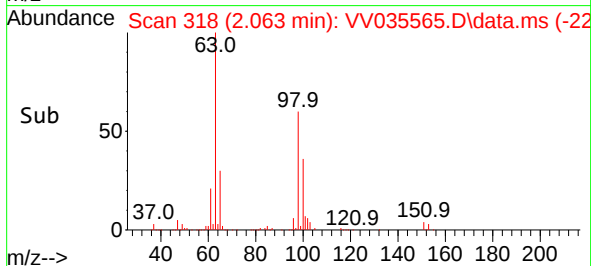
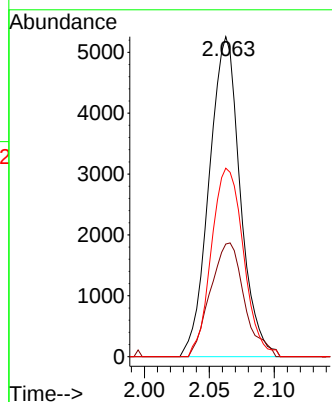
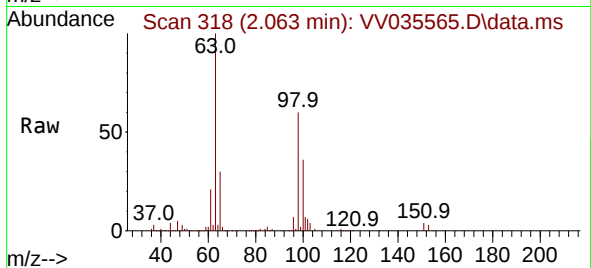
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.343 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 874
Ion Ratio Lower Upper
101 100
85 38.7 34.2 51.4
151 60.6 59.5 89.3

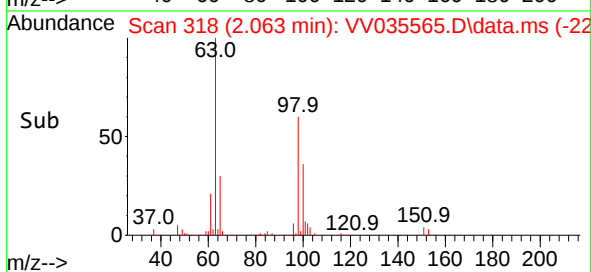
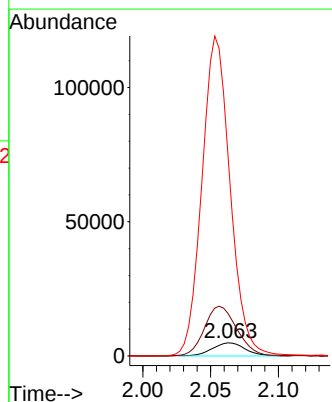
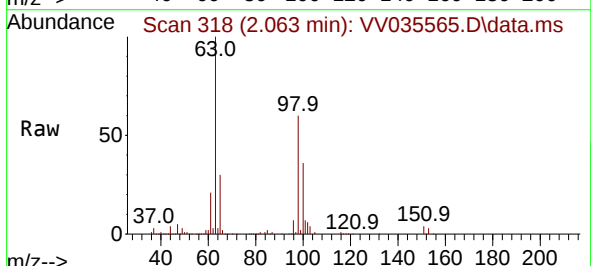
Manual Integrations
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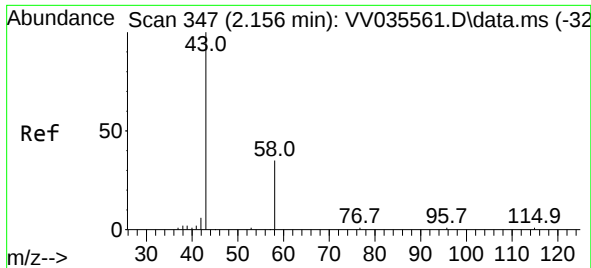
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#12
1,1-Dichloroethene
Concen: 1.407 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

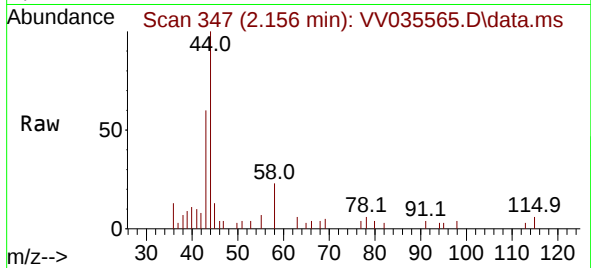
Tgt Ion: 96 Resp: 8275
Ion Ratio Lower Upper
96 100
61 324.2 119.8 222.4#
63 1537.8 75.6 140.4#





#13
Acetone
Concen: 3.455 ug/L m
RT: 2.156 min Scan# 347
Delta R.T. -0.000 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

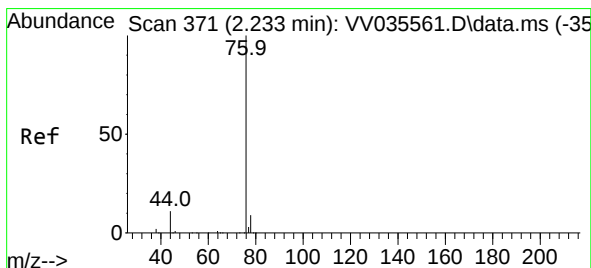
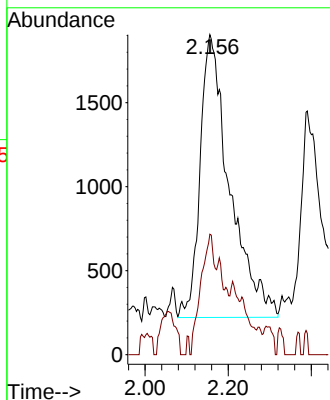
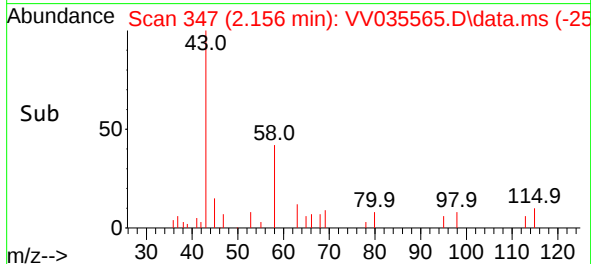
Instrument :
MSVOA_V
ClientSampleId :
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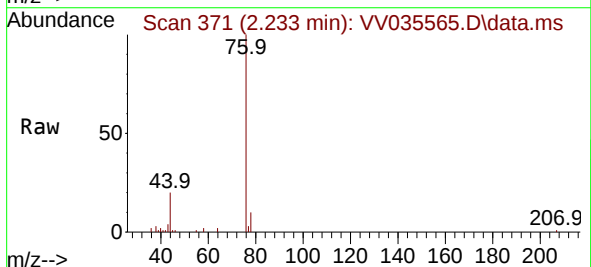
Tgt Ion: 43 Resp: 831
Ion Ratio Lower Upper
43 100
58 0.9 0.0 22.8

Manual Integrations
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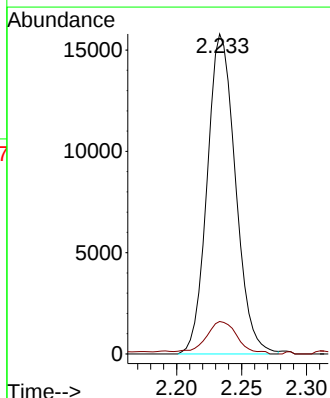
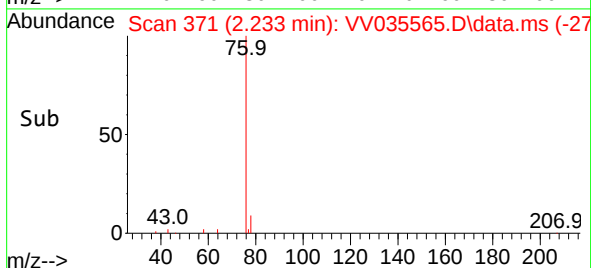
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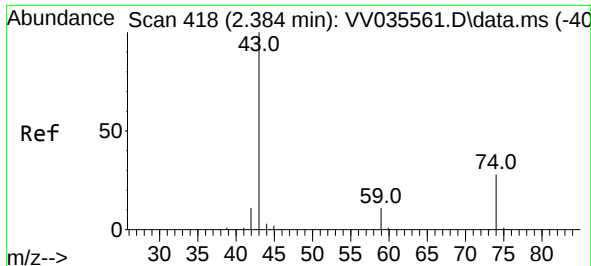


#14
Carbon disulfide
Concen: 1.282 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15



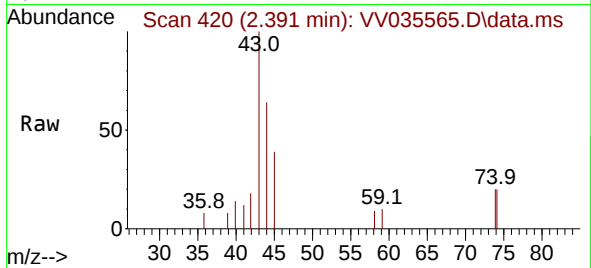
Tgt Ion: 76 Resp: 23884
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3





#15
Methyl Acetate
Concen: 1.094 ug/L m
RT: 2.391 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

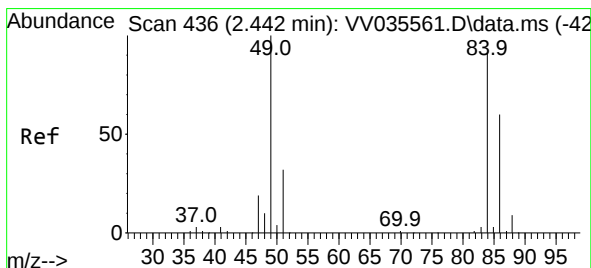
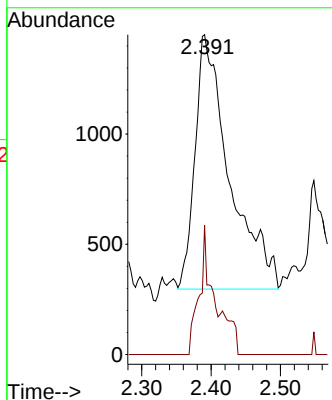
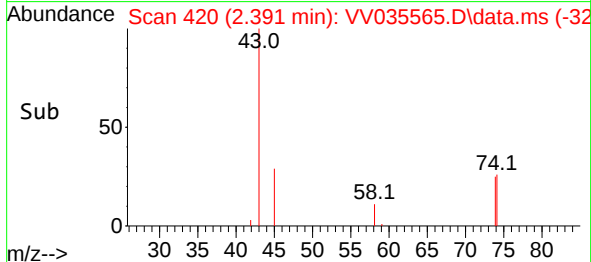
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 3989
Ion Ratio Lower Upper
43 100
74 1.8 18.6 27.8

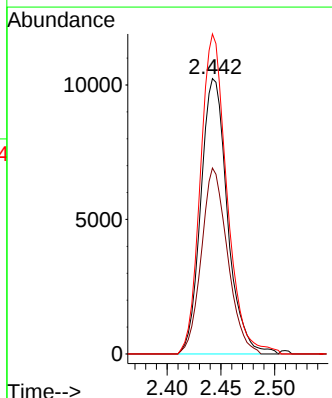
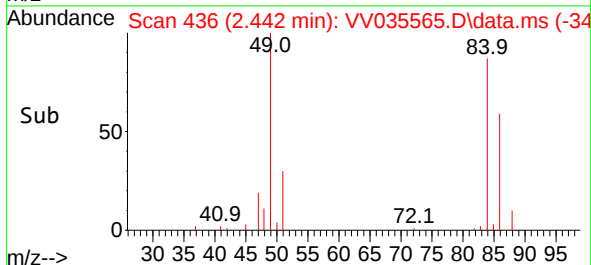
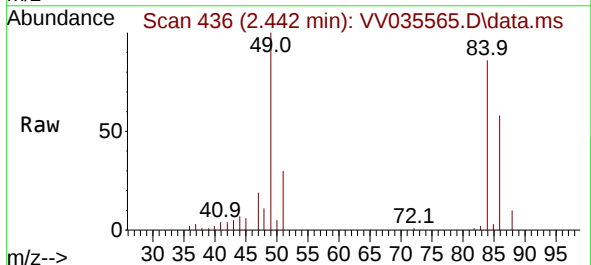
Manual Integrations
APPROVED

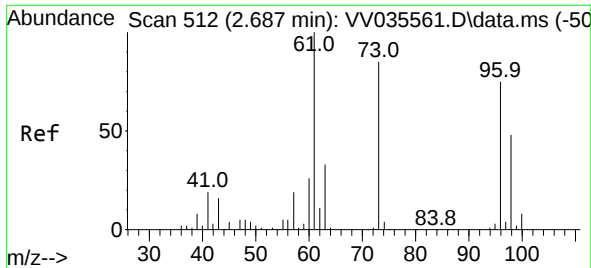
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#16
Methylene chloride
Concen: 2.041 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

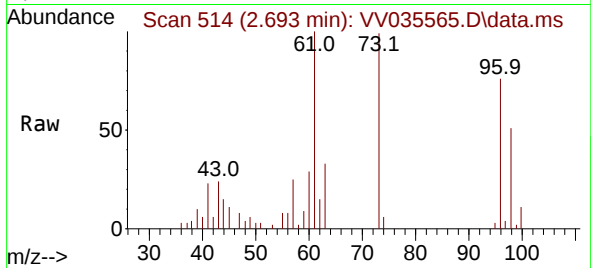
Tgt Ion: 84 Resp: 17648
Ion Ratio Lower Upper
84 100
86 67.5 43.8 81.3
49 116.2 75.3 139.9





#17
trans-1,2-Dichloroethene
Concen: 1.062 ug/L
RT: 2.693 min Scan# 512
Delta R.T. 0.006 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

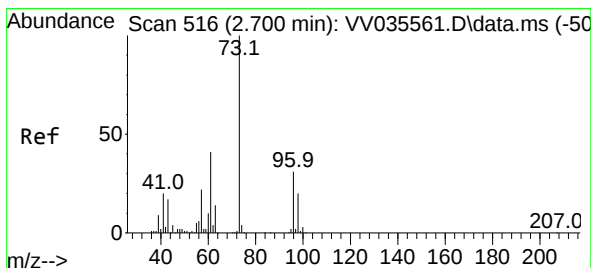
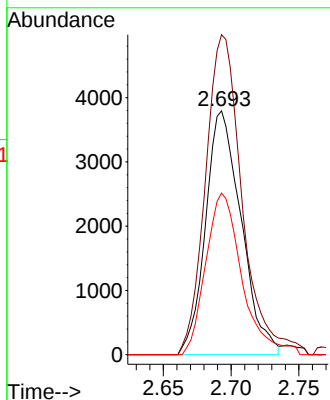
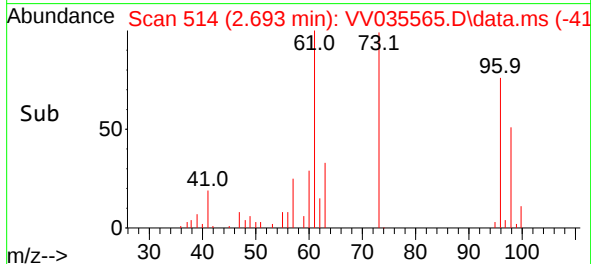
Instrument :
MSVOA_V
ClientSampleId :
MDL05



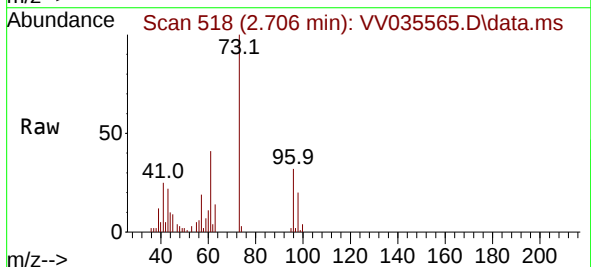
Tgt Ion: 96 Resp: 6932
Ion Ratio Lower Upper
96 100
61 131.2 95.5 177.4
98 66.3 46.0 85.4

Manual Integrations
APPROVED

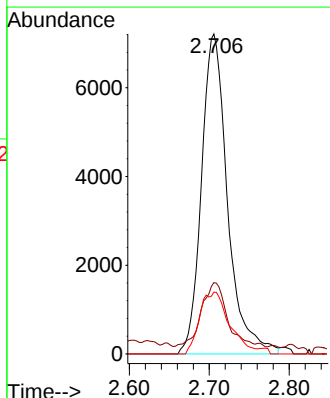
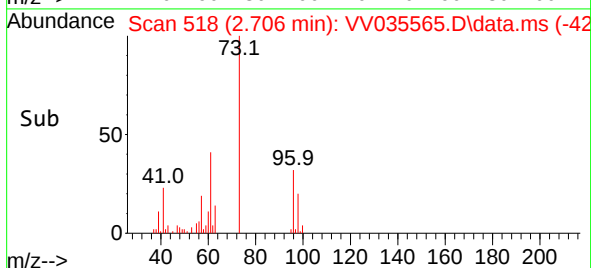
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

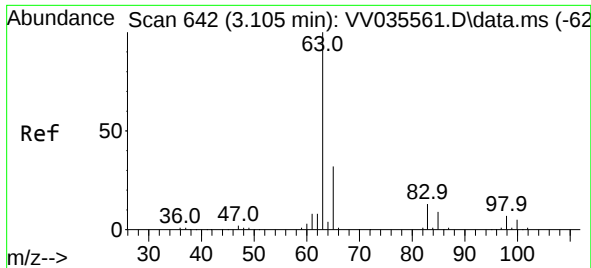


#18
Methyl tert-butyl Ether
Concen: 1.038 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15



Tgt Ion: 73 Resp: 16353
Ion Ratio Lower Upper
73 100
43 19.3 13.3 19.9
57 7.9 17.4 26.2#





#19

1,1-Dichloroethane

Concen: 1.046 ug/L

RT: 3.108 min Scan# 642

Delta R.T. 0.003 min

Lab File: VV035565.D

Acq: 09 May 2024 11:15

Instrument :

MSVOA_V

ClientSampleId :

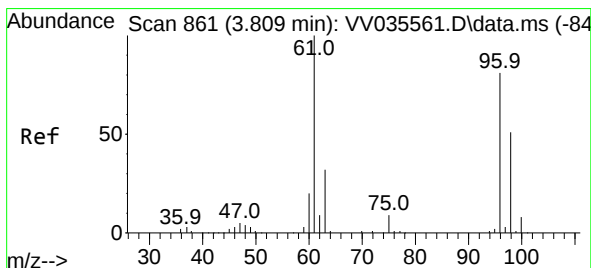
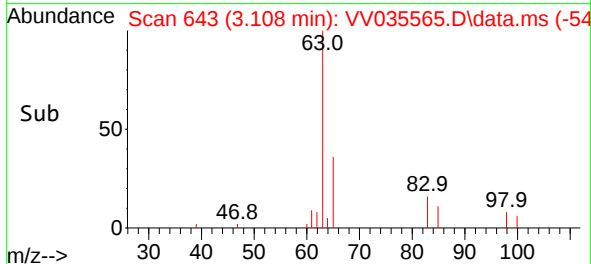
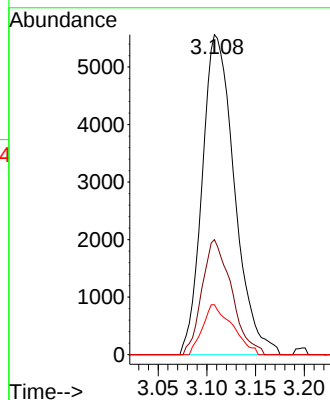
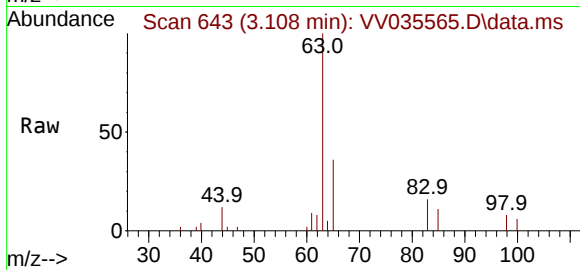
MDL05

Tgt Ion:	63	Resp:	1280
Ion	Ratio	Lower	Upper
63	100		
65	36.0	22.7	42.3
83	15.6	9.7	17.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#20

cis-1,2-Dichloroethene

Concen: 0.970 ug/L

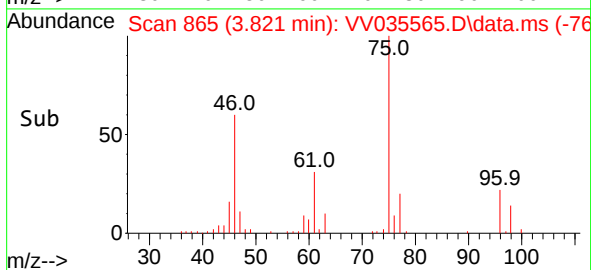
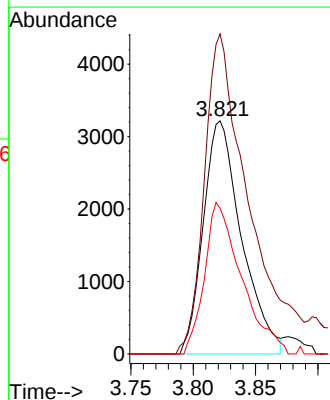
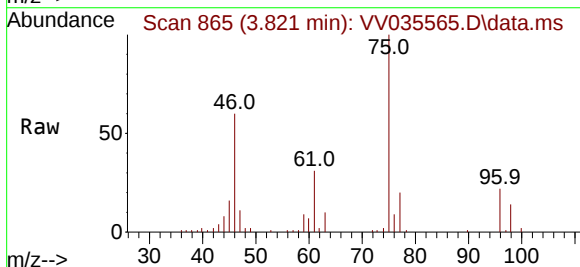
RT: 3.821 min Scan# 865

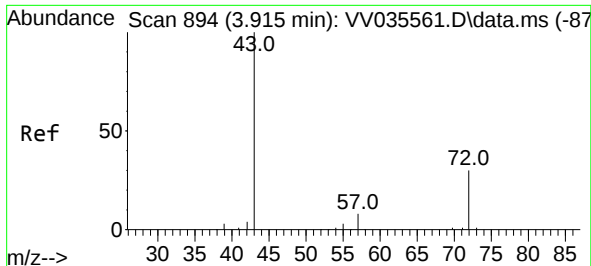
Delta R.T. 0.013 min

Lab File: VV035565.D

Acq: 09 May 2024 11:15

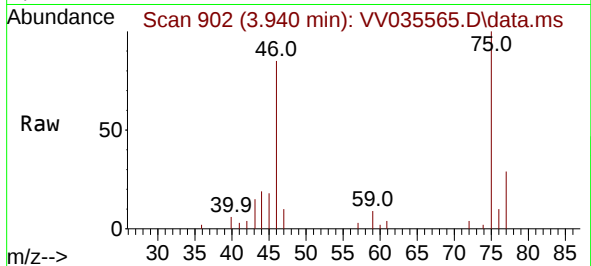
Tgt Ion:	96	Resp:	6868
Ion	Ratio	Lower	Upper
96	100		
61	137.3	83.9	155.9
98	62.5	44.0	81.8





#22
2-Butanone
Concen: 2.017 ug/L m
RT: 3.940 min Scan# 902
Delta R.T. 0.029 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

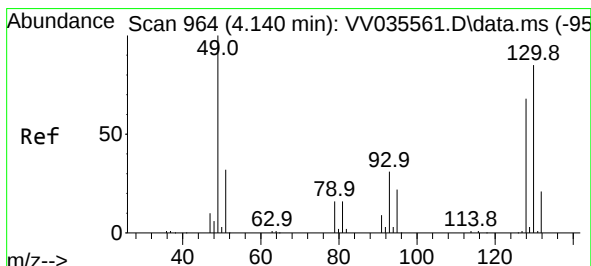
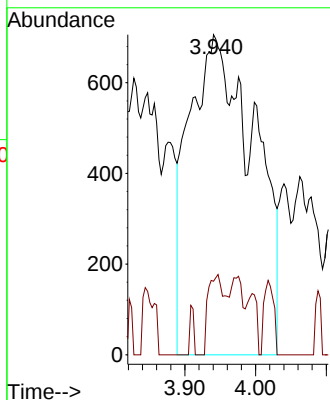
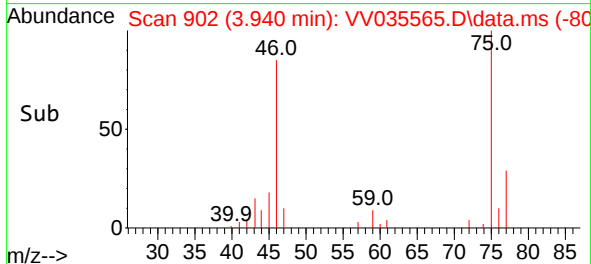
Instrument :
MSVOA_V
ClientSampleId :
MDL05



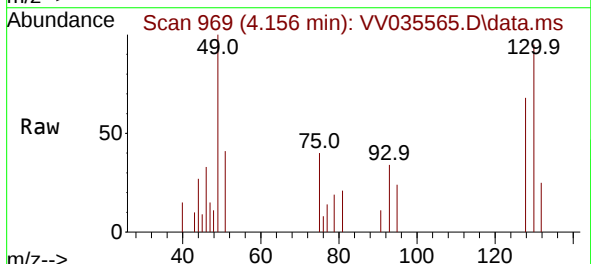
Tgt Ion: 43 Resp: 4508
Ion Ratio Lower Upper
43 100
72 5.2 12.3 36.9

Manual Integrations
APPROVED

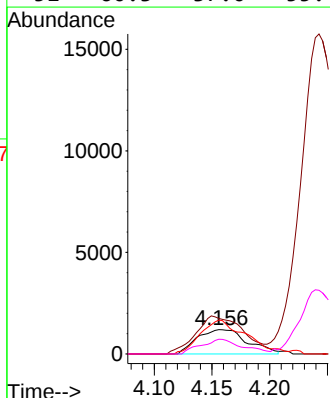
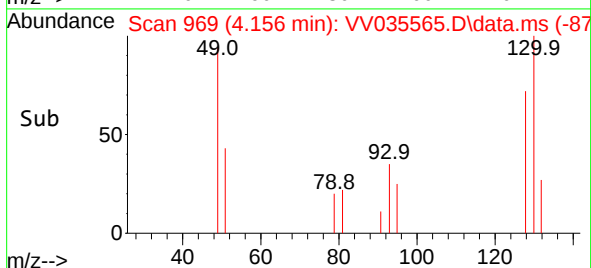
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

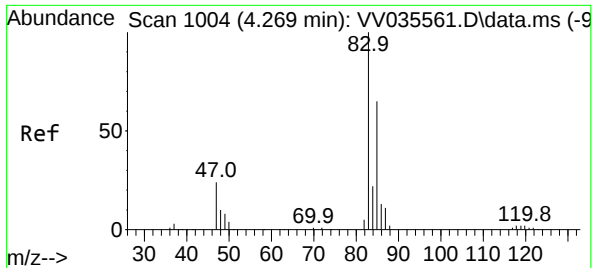


#23
Bromochloromethane
Concen: 1.061 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.013 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15



Tgt Ion:128 Resp: 3632
Ion Ratio Lower Upper
128 100
49 146.0 103.1 191.5
130 139.2 91.8 170.4
51 60.3 37.0 55.4





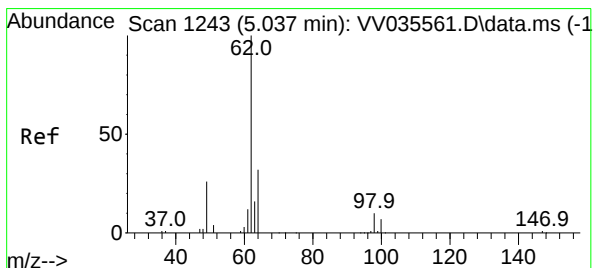
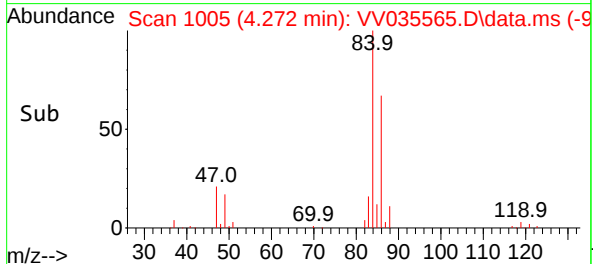
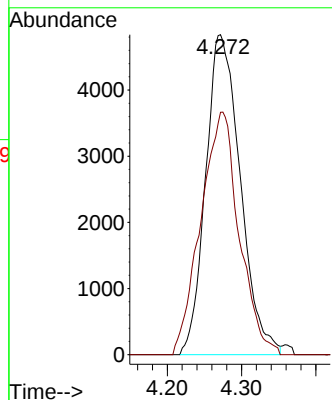
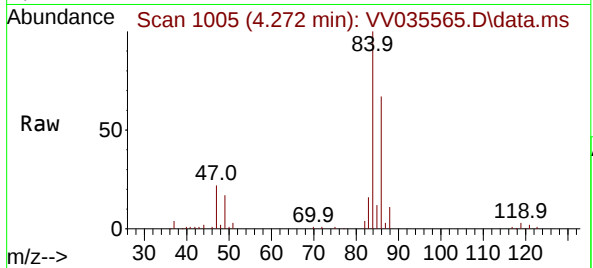
#25
Chloroform
Concen: 1.242 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 15698
Ion Ratio Lower Upper
83 100
85 75.7 44.7 82.9

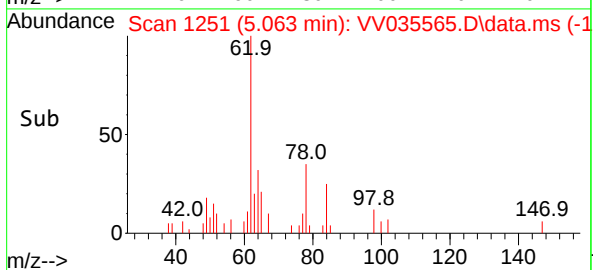
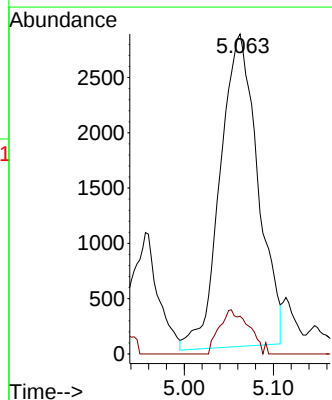
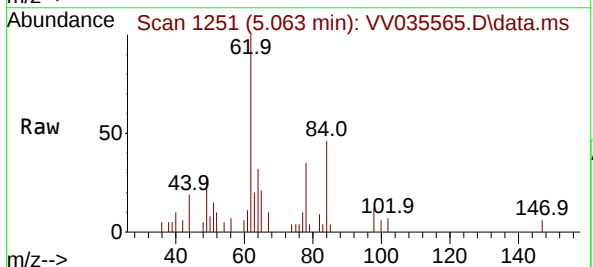
Manual Integrations
APPROVED

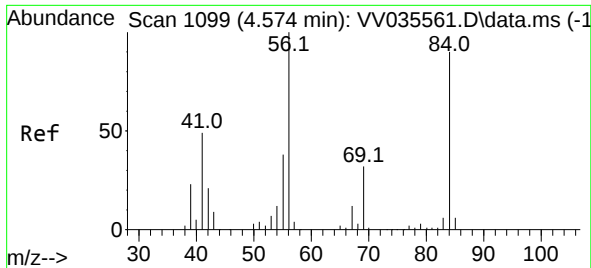
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#27
1,2-Dichloroethane
Concen: 1.053 ug/L
RT: 5.063 min Scan# 1251
Delta R.T. 0.026 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Tgt Ion: 62 Resp: 8288
Ion Ratio Lower Upper
62 100
98 11.8 8.2 12.2





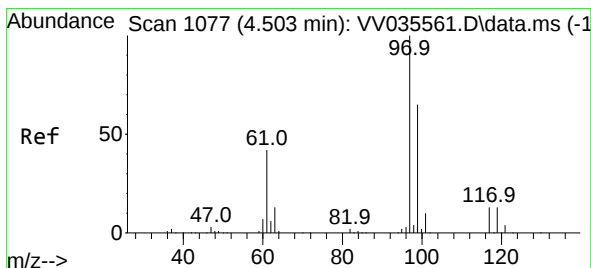
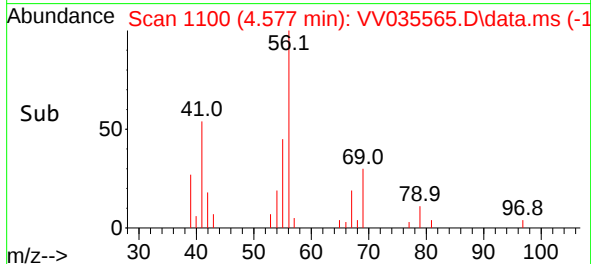
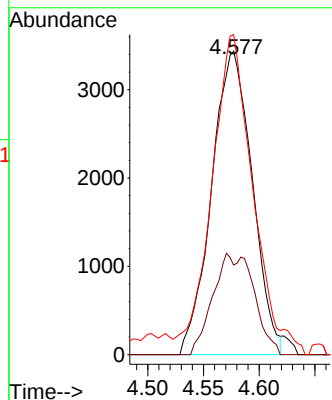
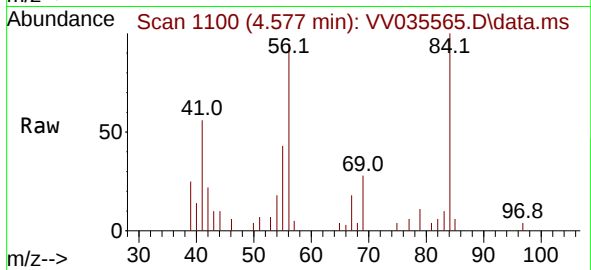
#29
Cyclohexane
Concen: 0.909 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 56 Resp: 874
Ion Ratio Lower Upper
56 100
69 17.6 25.6 38.4
84 92.5 74.8 112.2

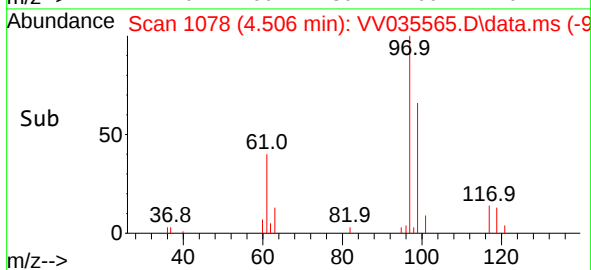
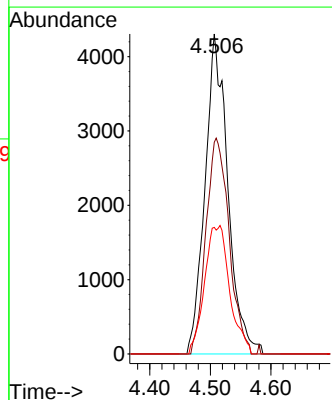
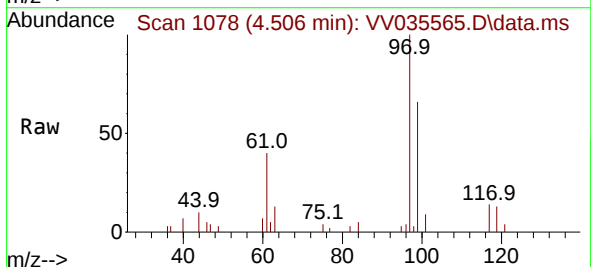
Manual Integrations
APPROVED

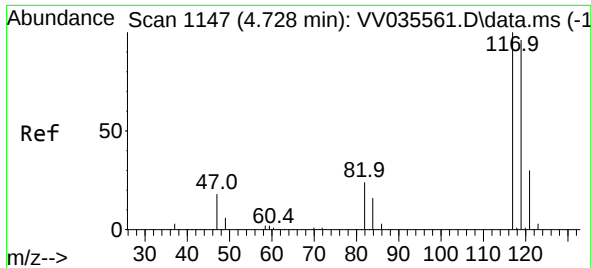
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#30
1,1,1-Trichloroethane
Concen: 1.009 ug/L m
RT: 4.506 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

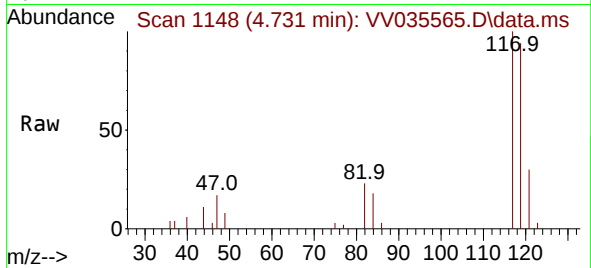
Tgt Ion: 97 Resp: 11262
Ion Ratio Lower Upper
97 100
99 68.4 51.7 77.5
61 21.7 33.5 50.3





#31
Carbon tetrachloride
Concen: 1.097 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

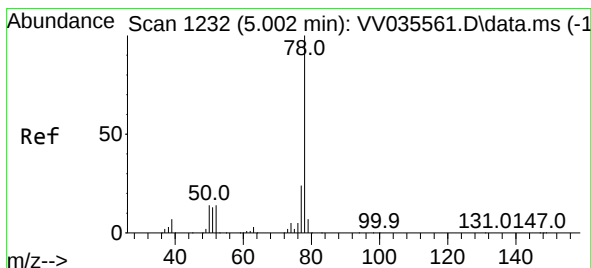
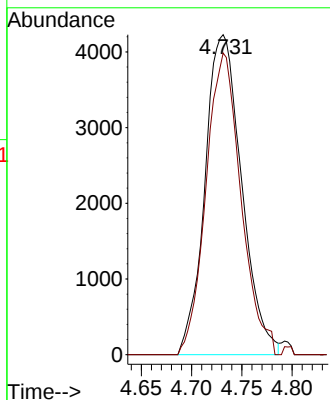
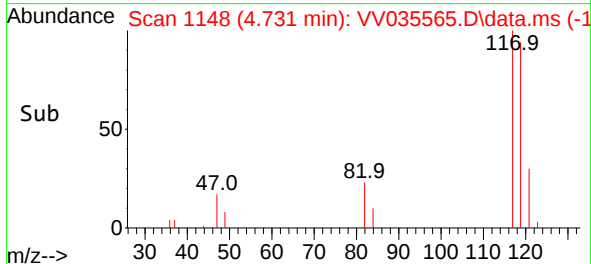
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion:117 Resp: 1073
Ion Ratio Lower Upper
117 100
119 89.1 77.3 115.9

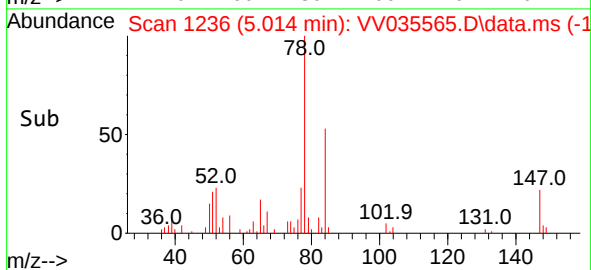
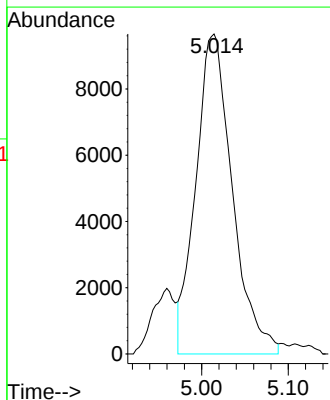
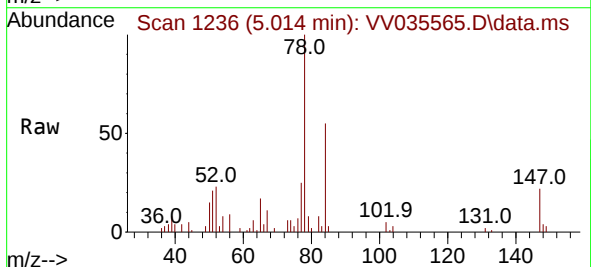
Manual Integrations
APPROVED

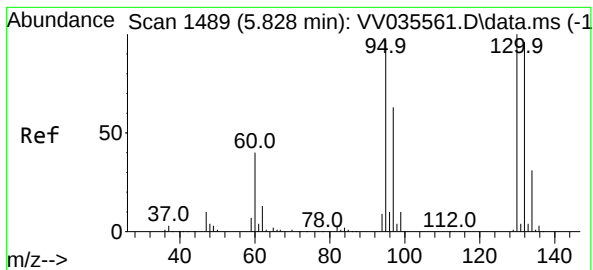
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#33
Benzene
Concen: 1.061 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.013 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Tgt Ion: 78 Resp: 28268





#34

Trichloroethene

Concen: 1.086 ug/L

RT: 5.841 min Scan# 1489

Delta R.T. 0.013 min

Lab File: VV035565.D

Acq: 09 May 2024 11:15

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 95 Resp: 817

Ion Ratio Lower Upper

95 100

97 70.0 43.8 81.4

132 98.4 67.1 124.7

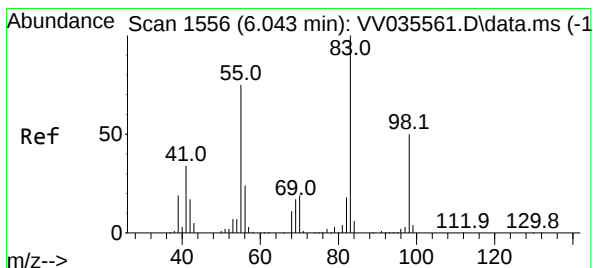
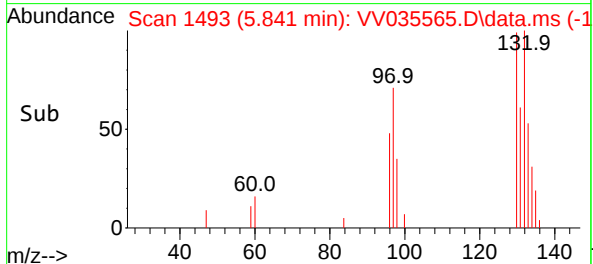
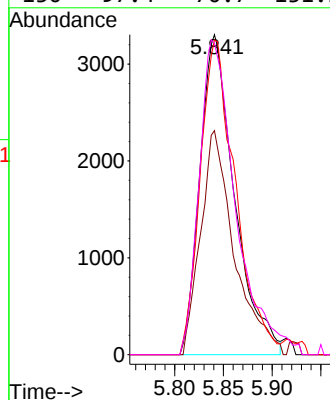
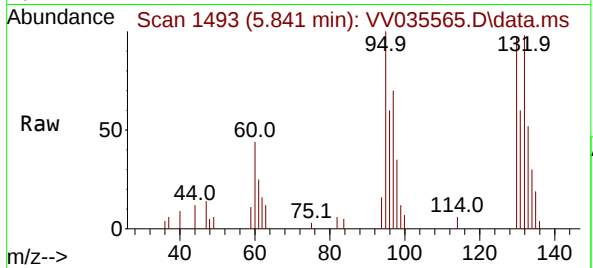
130 97.4 70.7 131.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024

Supervised By :Semsettin Yesilyurt 05/10/2024



#35

Methylcyclohexane

Concen: 1.020 ug/L m

RT: 6.043 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VV035565.D

Acq: 09 May 2024 11:15

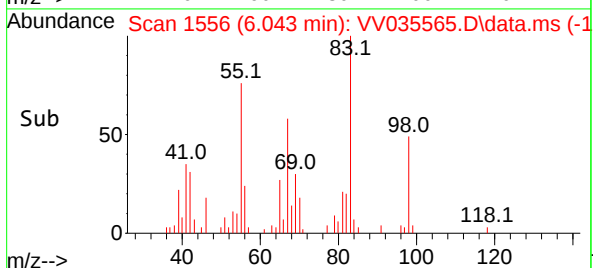
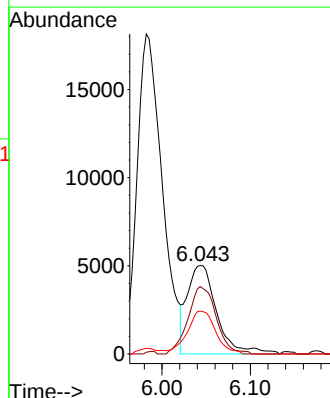
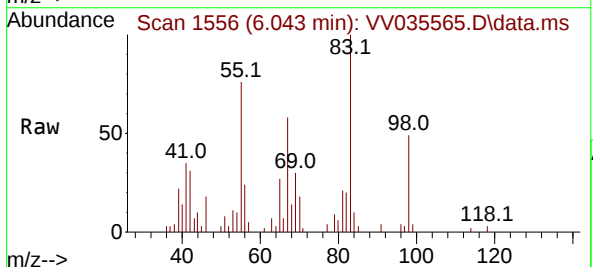
Tgt Ion: 83 Resp: 11668

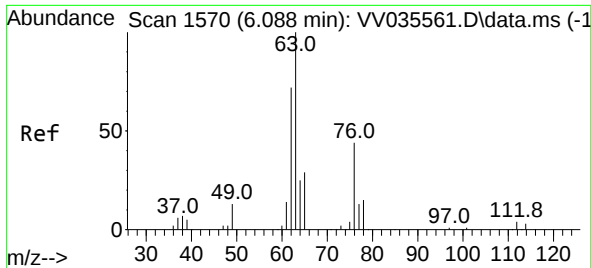
Ion Ratio Lower Upper

83 100

55 72.7 57.5 86.3

98 46.4 38.6 58.0





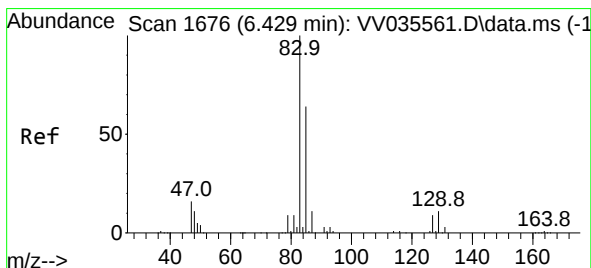
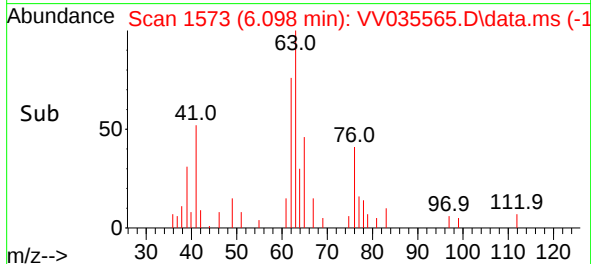
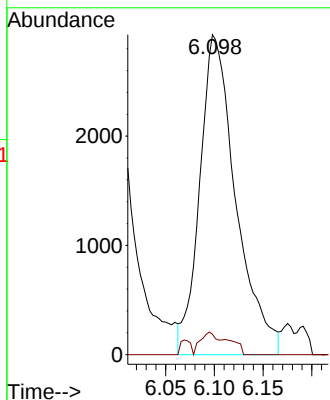
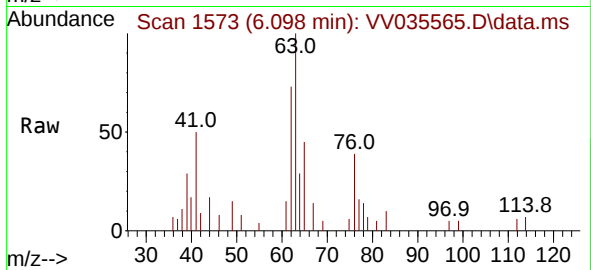
#37
1,2-Dichloropropane
Concen: 1.088 ug/L
RT: 6.098 min Scan# 1570
Delta R.T. 0.009 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Instrument : MSVOA_V
ClientSampleId : MDL05

Tgt Ion: 63 Resp: 7560
Ion Ratio Lower Upper
63 100
112 3.2 3.8 5.6

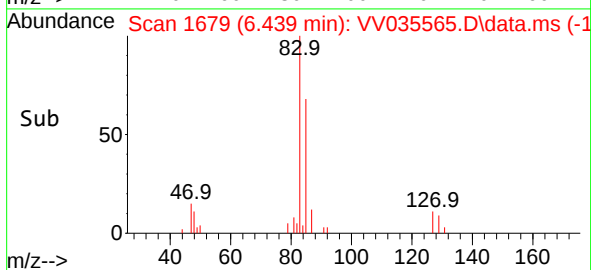
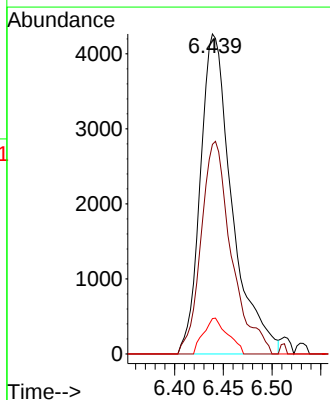
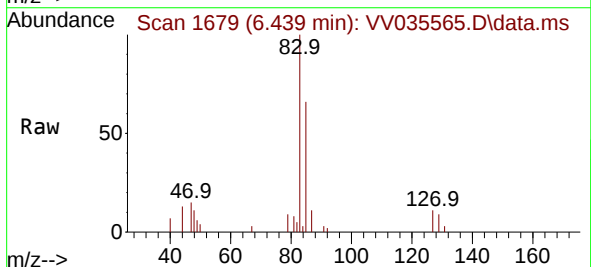
Manual Integrations
APPROVED

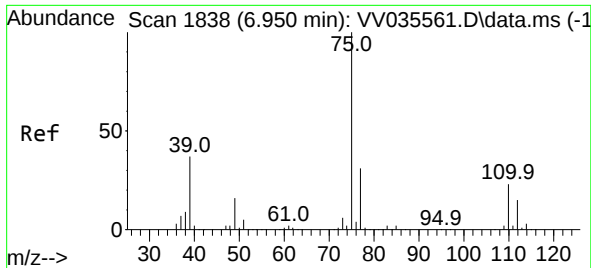
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#38
Bromodichloromethane
Concen: 1.024 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.013 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

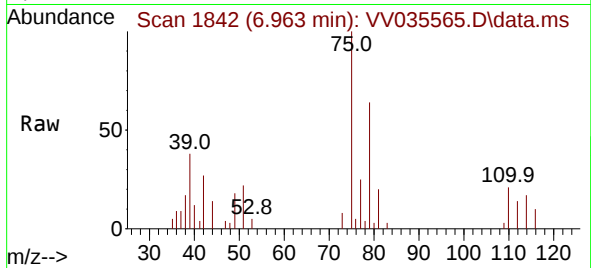
Tgt Ion: 83 Resp: 9635
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.9
127 11.1 7.0 10.6





#39
cis-1,3-Dichloropropene
Concen: 1.031 ug/L m
RT: 6.963 min Scan# 1120
Delta R.T. 0.013 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

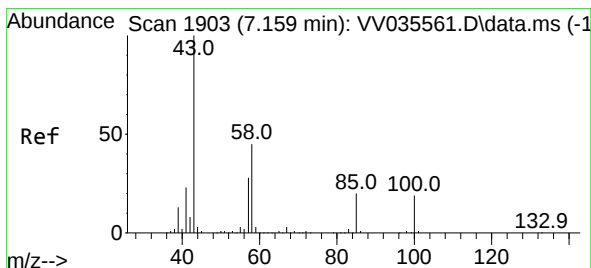
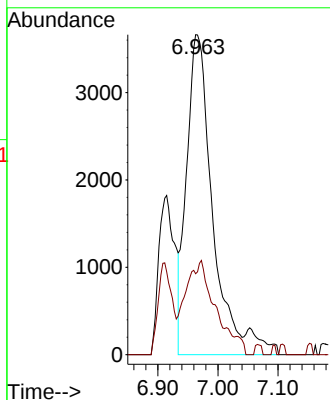
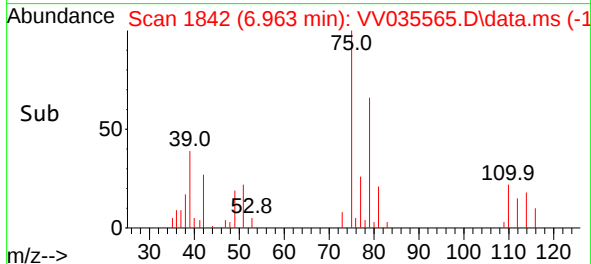
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 75 Resp: 1120
Ion Ratio Lower Upper
75 100
77 25.3 22.5 41.9

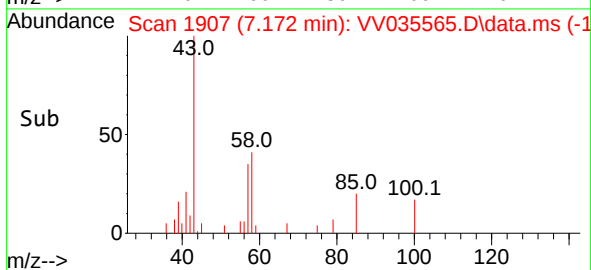
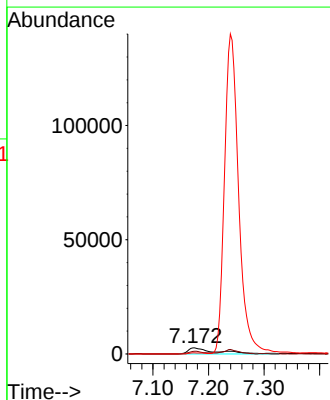
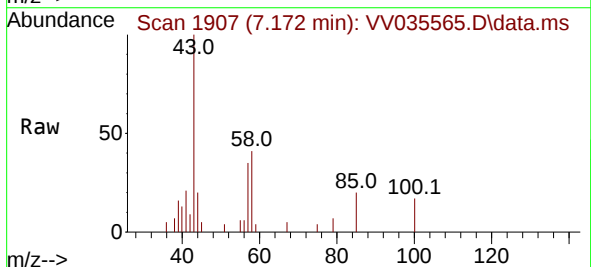
Manual Integrations
APPROVED

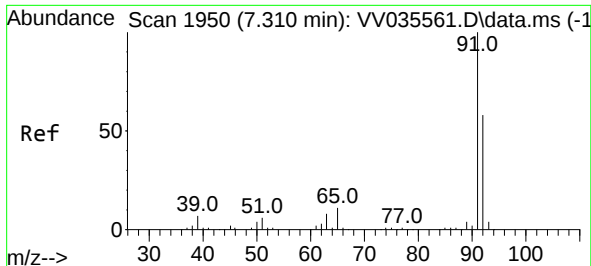
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#40
4-Methyl-2-pentanone
Concen: 2.335 ug/L m
RT: 7.172 min Scan# 1907
Delta R.T. 0.013 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

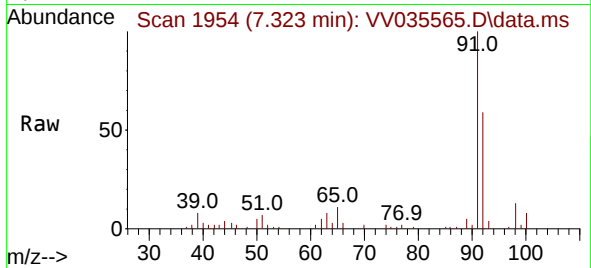
Tgt Ion: 43 Resp: 9715
Ion Ratio Lower Upper
43 100
58 22.7 34.8 52.2#
100 5.4 13.9 20.9#





#42
Toluene
Concen: 0.996 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.013 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

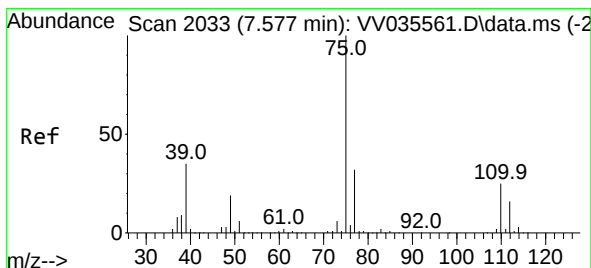
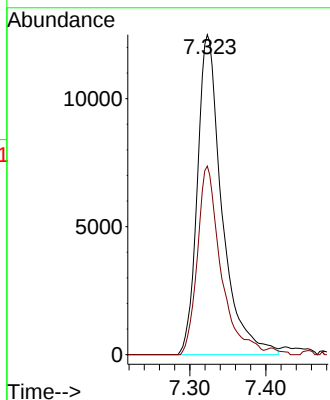
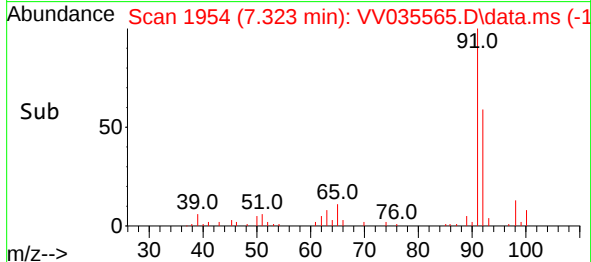
Instrument :
MSVOA_V
ClientSampleId :
MDL05



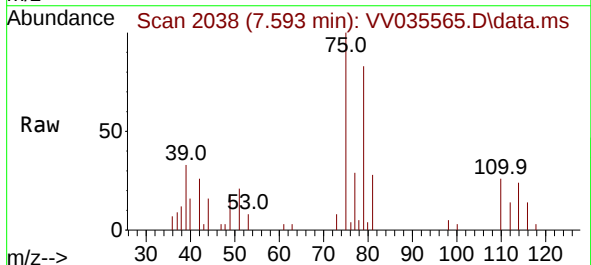
Tgt Ion: 91 Resp: 2808
Ion Ratio Lower Upper
91 100
92 59.0 40.2 74.6

Manual Integrations
APPROVED

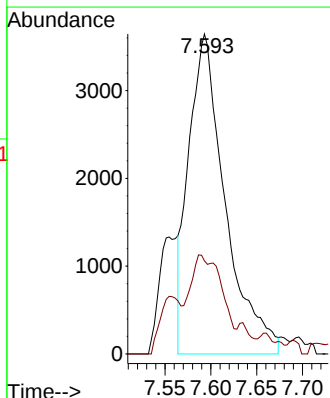
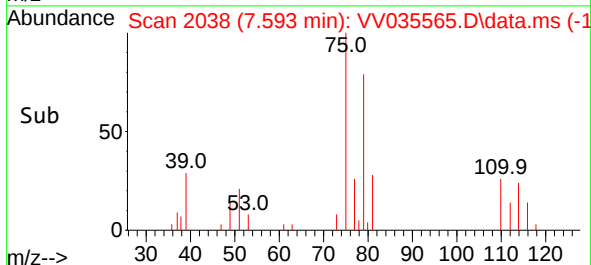
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

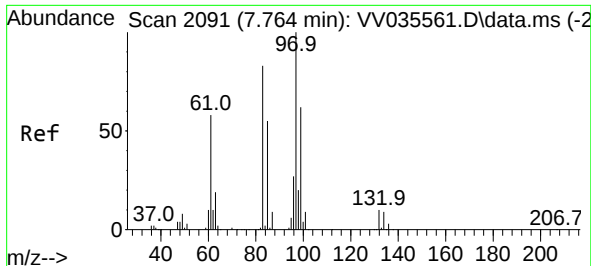


#44
trans-1,3-Dichloropropene
Concen: 1.062 ug/L
RT: 7.593 min Scan# 2038
Delta R.T. 0.016 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15



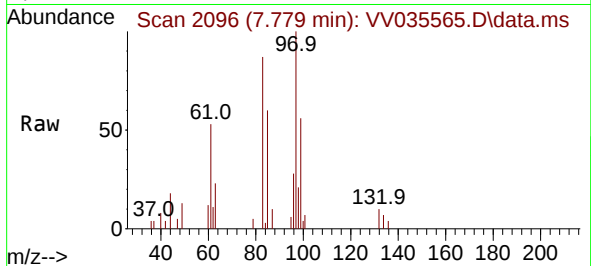
Tgt Ion: 75 Resp: 10096
Ion Ratio Lower Upper
75 100
77 29.1 22.4 41.6





#45
1,1,2-Trichloroethane
Concen: 1.082 ug/L
RT: 7.779 min Scan# 2091
Delta R.T. 0.016 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

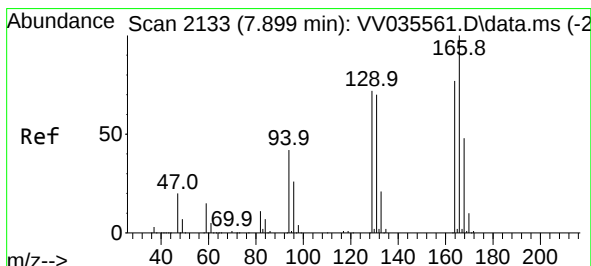
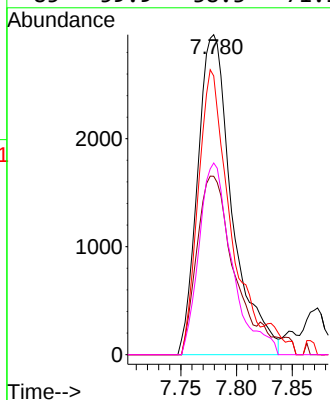
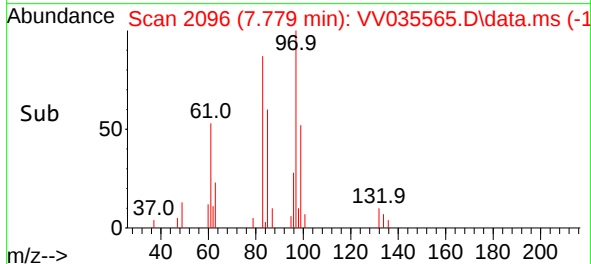
Instrument :
MSVOA_V
ClientSampleId :
MDL05



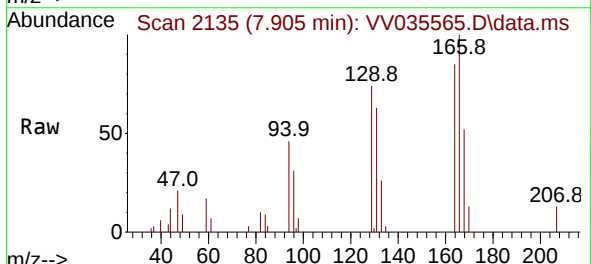
Tgt Ion:	97	Resp:	6389
Ion	Ratio	Lower	Upper
97	100		
99	55.8	43.3	80.3
83	87.1	60.3	111.9
85	59.9	38.3	71.1

Manual Integrations
APPROVED

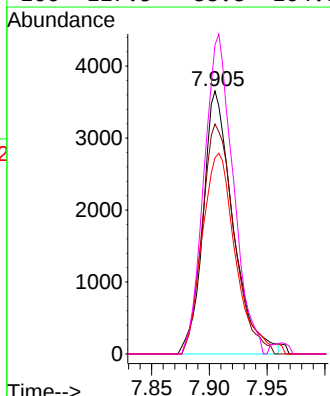
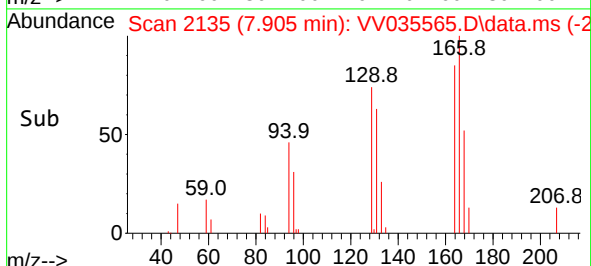
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

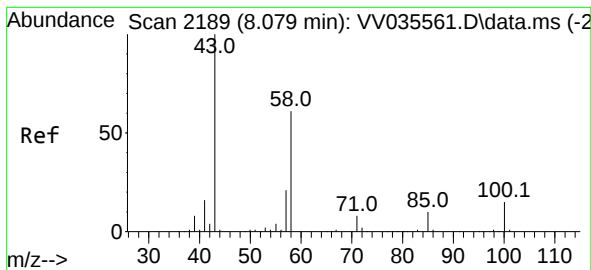


#46
Tetrachloroethene
Concen: 1.073 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15



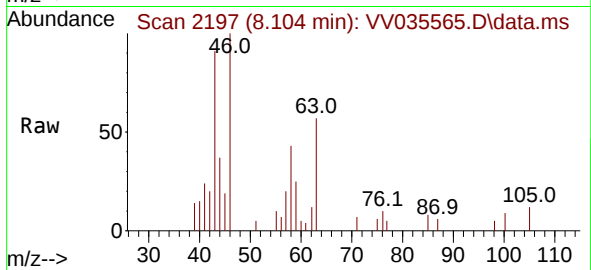
Tgt Ion:	164	Resp:	6566
Ion	Ratio	Lower	Upper
164	100		
129	87.4	63.4	117.8
131	74.6	61.0	113.4
166	117.5	88.8	164.8





#48
2-Hexanone
Concen: 2.634 ug/L m
RT: 8.104 min Scan# 2189
Delta R.T. 0.026 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

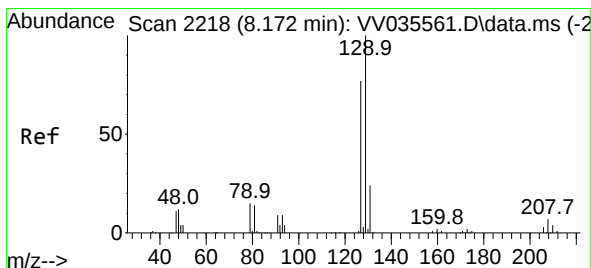
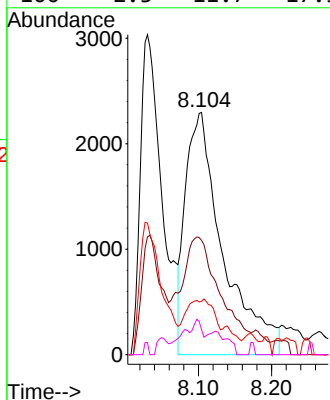
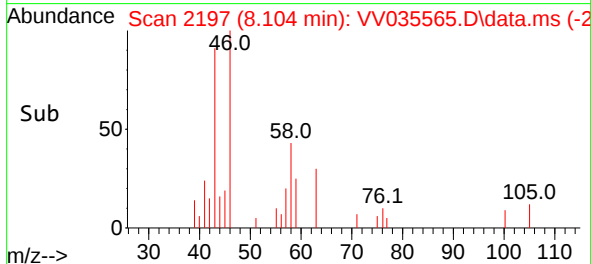
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 23.6 48.8 73.2
57 3.6 16.9 25.3
100 2.3 11.7 17.5#

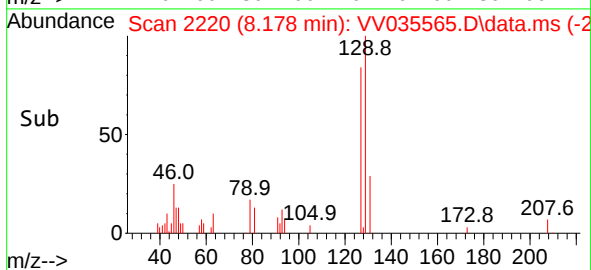
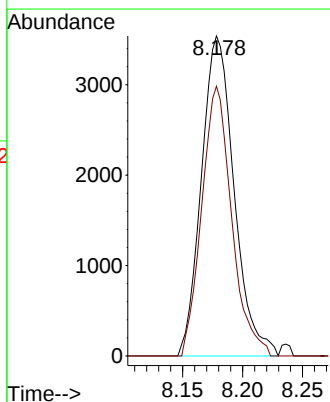
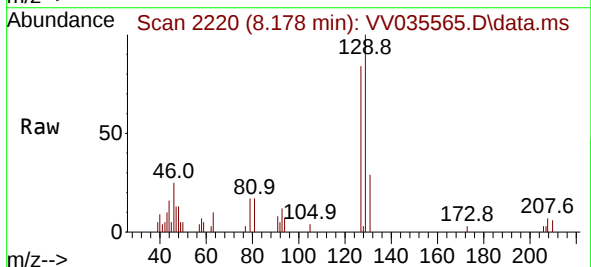
Manual Integrations
APPROVED

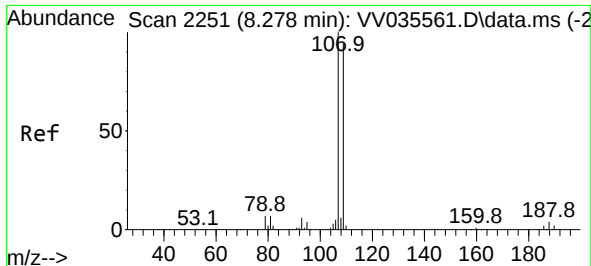
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#49
Dibromochloromethane
Concen: 1.007 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.006 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

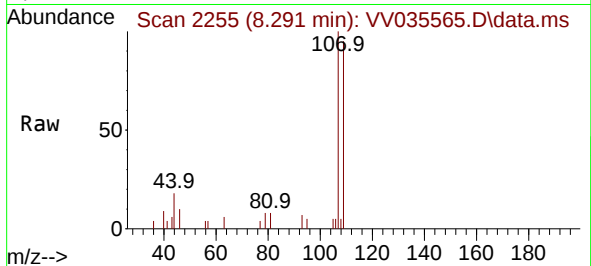
Tgt Ion:129 Resp: 6709
Ion Ratio Lower Upper
129 100
127 84.3 53.8 99.8





#50
1,2-Dibromoethane
Concen: 1.112 ug/L
RT: 8.291 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

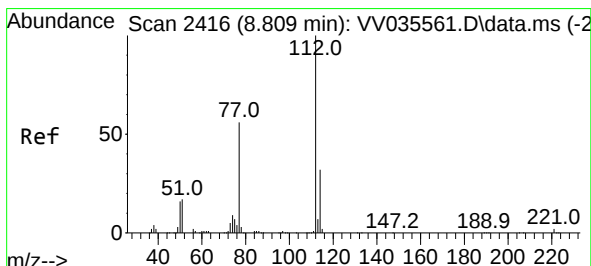
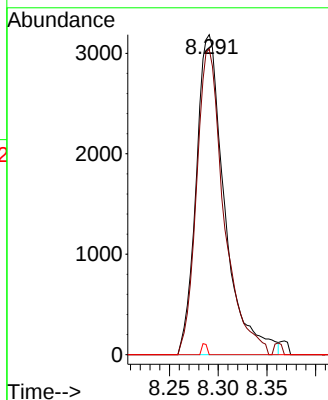
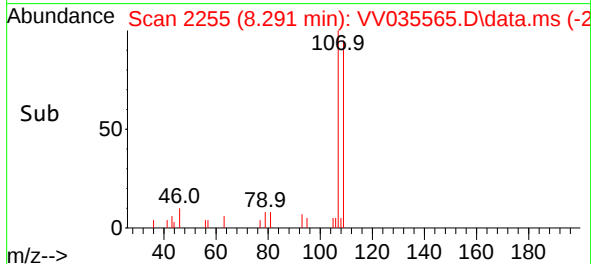
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion:107 Resp: 646
Ion Ratio Lower Upper
107 100
109 95.4 65.4 121.4
188 0.0 2.9 4.3

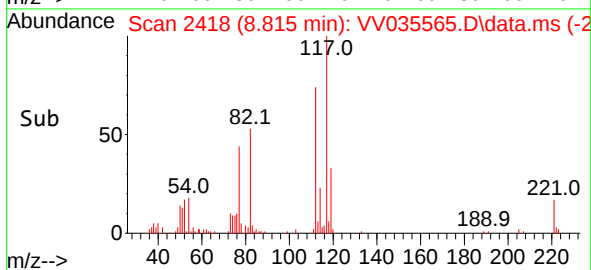
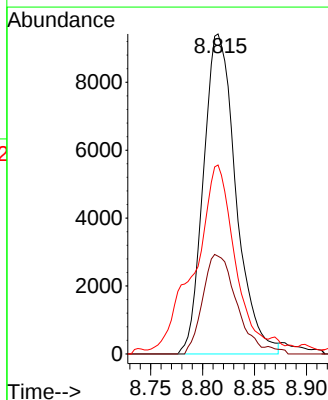
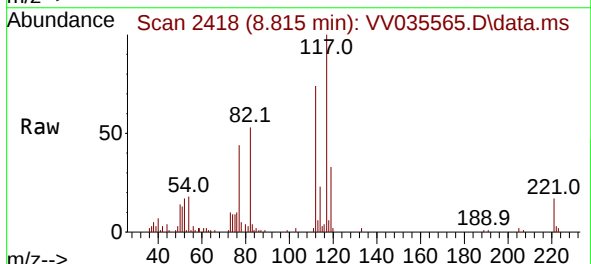
Manual Integrations
APPROVED

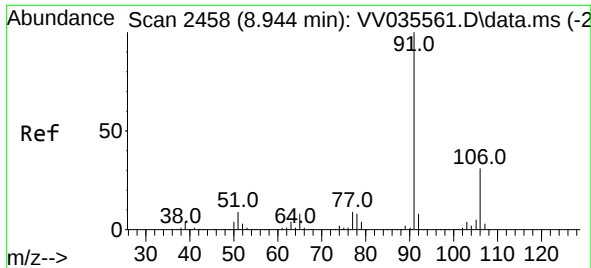
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#51
Chlorobenzene
Concen: 1.048 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Tgt Ion:112 Resp: 20502
Ion Ratio Lower Upper
112 100
114 30.6 22.5 41.7
77 59.0 46.6 69.8





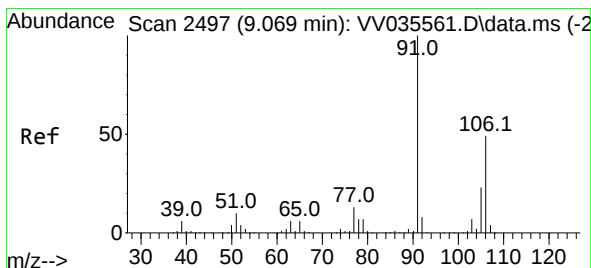
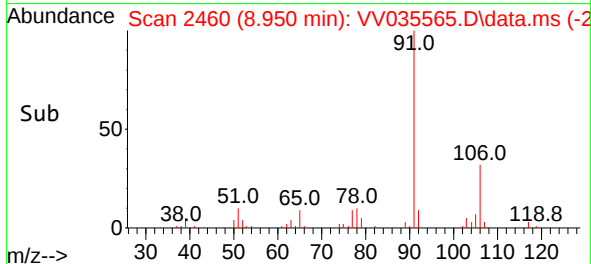
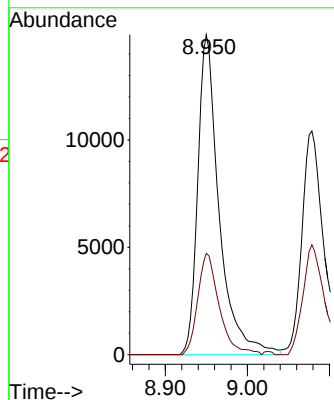
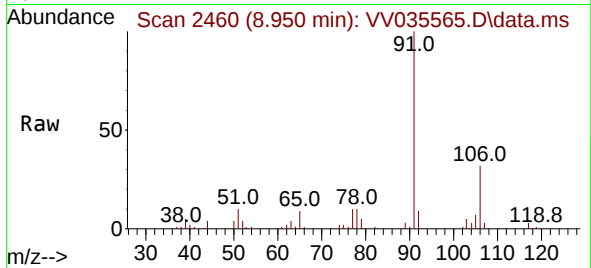
#52
Ethylbenzene
Concen: 0.866 ug/L
RT: 8.950 min Scan# 2458
Delta R.T. 0.006 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 2693
Ion Ratio Lower Upper
91 100
106 31.6 21.7 40.3

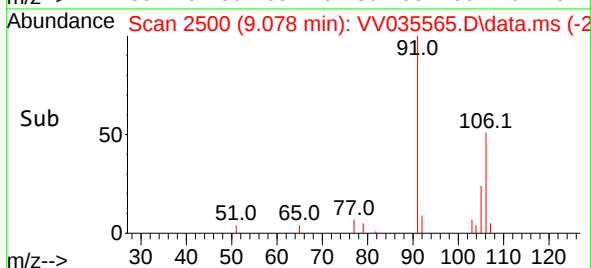
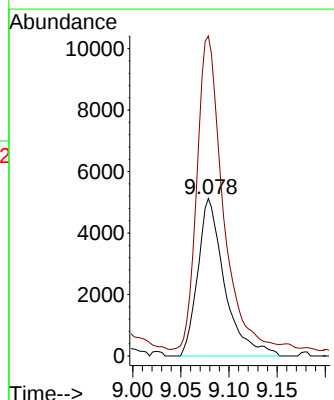
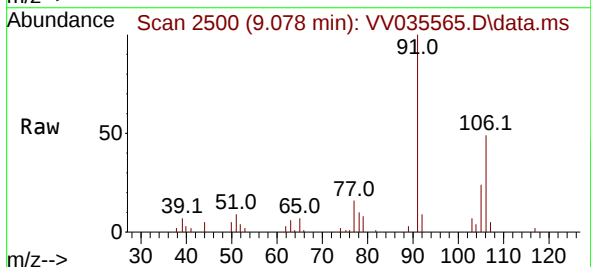
Manual Integrations
APPROVED

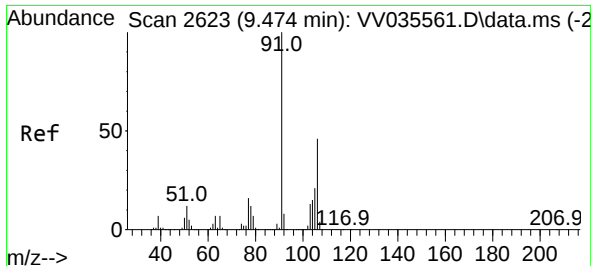
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#53
m,p-Xylene
Concen: 0.839 ug/L m
RT: 9.078 min Scan# 2500
Delta R.T. 0.009 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Tgt Ion:106 Resp: 9908
Ion Ratio Lower Upper
106 100
91 203.3 142.7 264.9





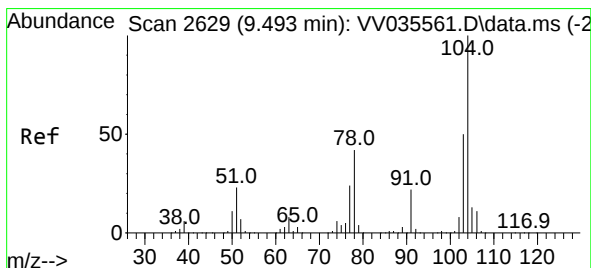
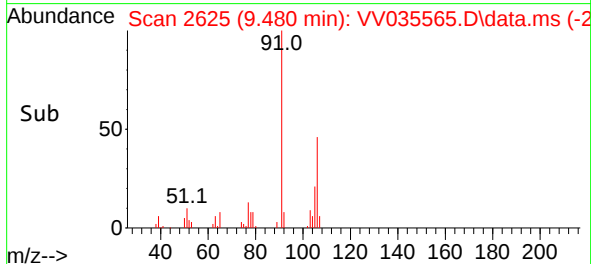
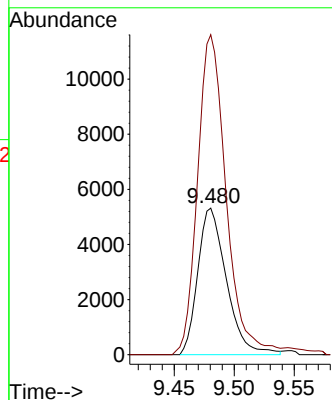
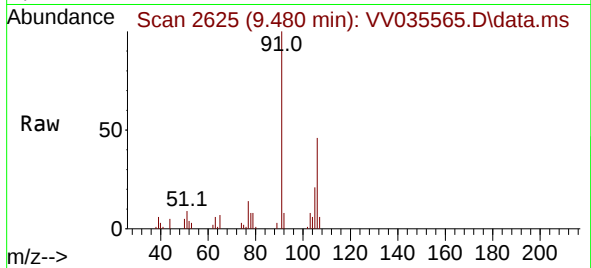
#54
o-Xylene
Concen: 0.790 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:106 Resp: 884
Ion Ratio Lower Upper
106 100
91 218.4 150.9 280.3

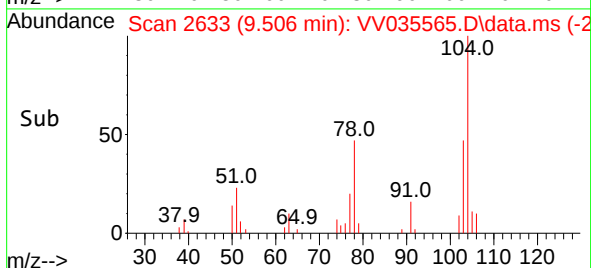
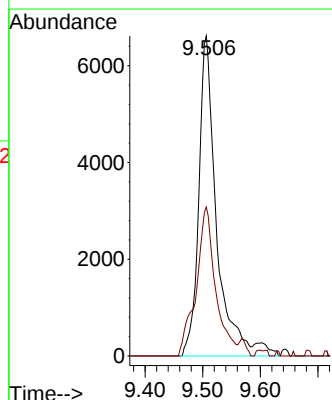
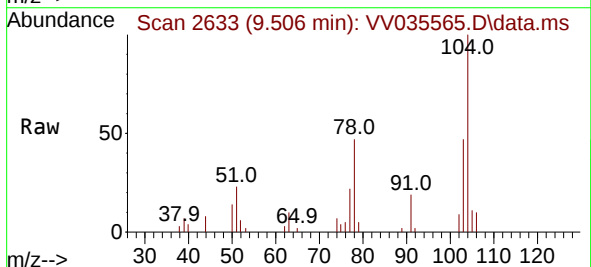
Manual Integrations
APPROVED

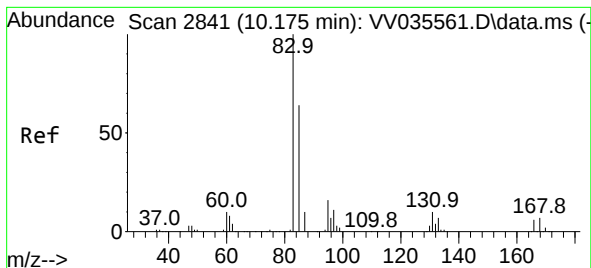
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#55
Styrene
Concen: 0.733 ug/L m
RT: 9.506 min Scan# 2633
Delta R.T. 0.013 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

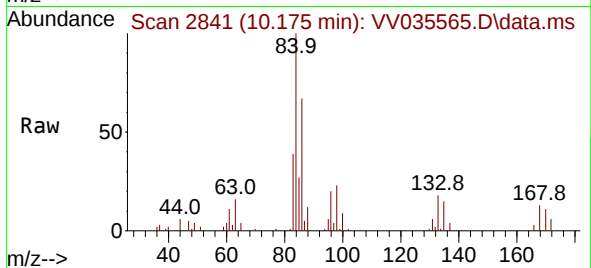
Tgt Ion:104 Resp: 14296
Ion Ratio Lower Upper
104 100
78 46.5 30.0 55.6





#57
1,1,2,2-Tetrachloroethane
Concen: 1.084 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

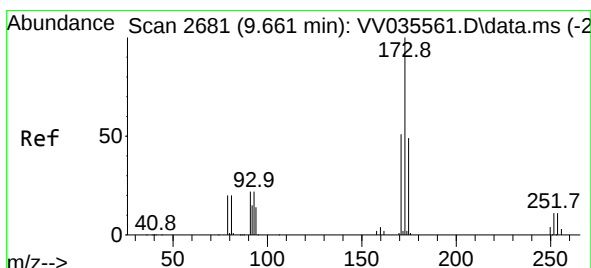
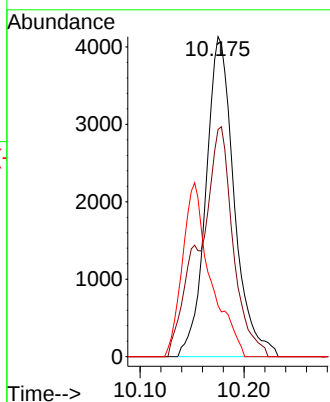
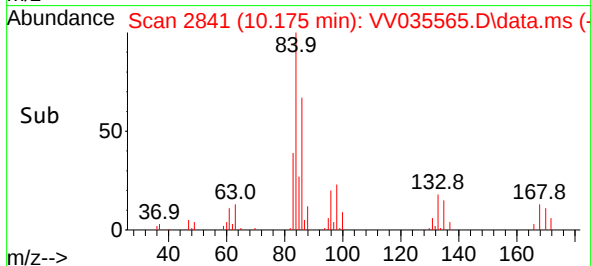
Instrument : MSVOA_V
ClientSampleId : MDL05



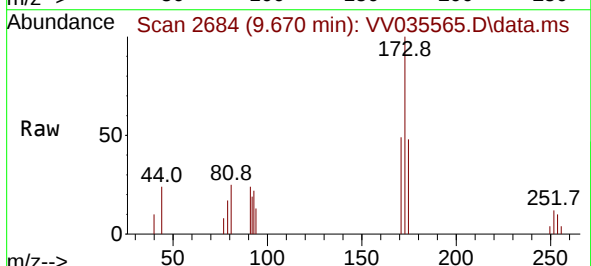
Tgt Ion: 83 Resp: 7790
Ion Ratio Lower Upper
83 100
85 71.0 44.7 83.1
131 16.0 8.0 12.0

Manual Integrations
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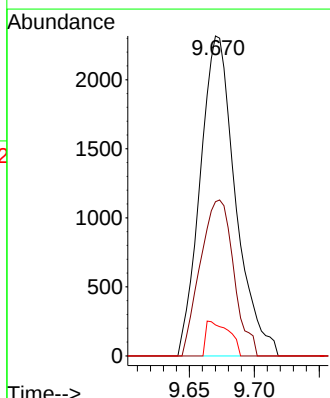
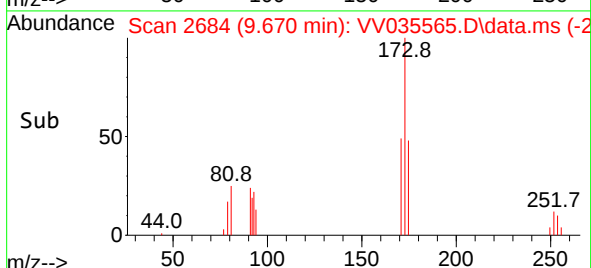
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

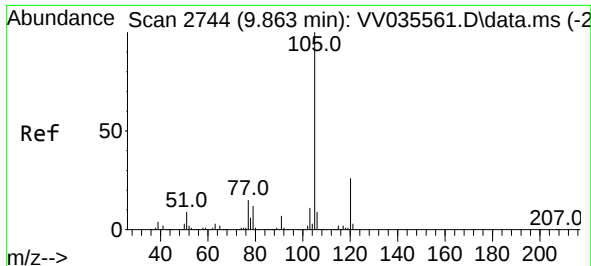


#59
Bromoform
Concen: 1.066 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.009 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15



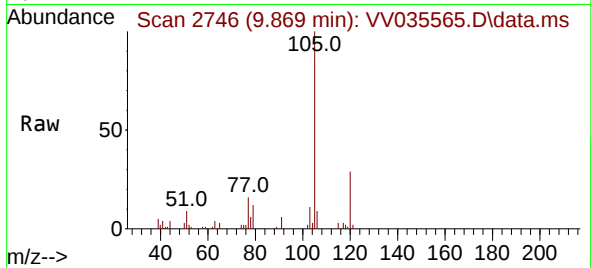
Tgt Ion:173 Resp: 4366
Ion Ratio Lower Upper
173 100
175 46.2 38.7 58.1
254 7.1 8.3 12.5





#60
Isopropylbenzene
Concen: 0.846 ug/L
RT: 9.869 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

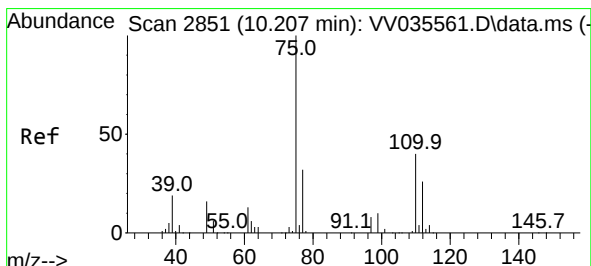
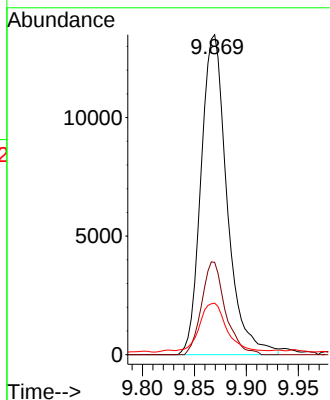
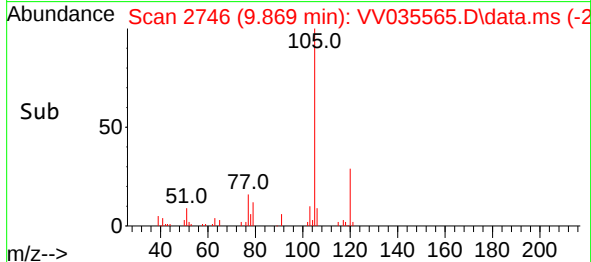
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion:105 Resp: 23489
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 15.4 12.2 18.2

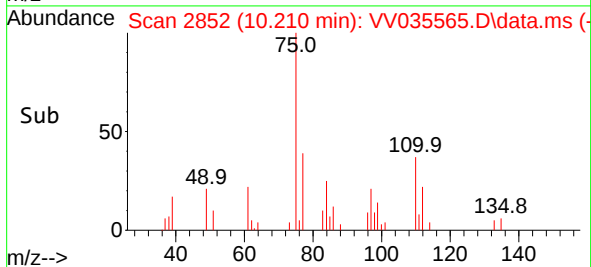
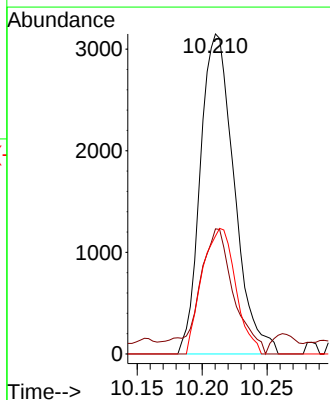
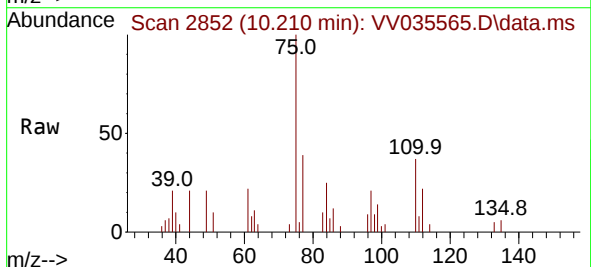
Manual Integrations
APPROVED

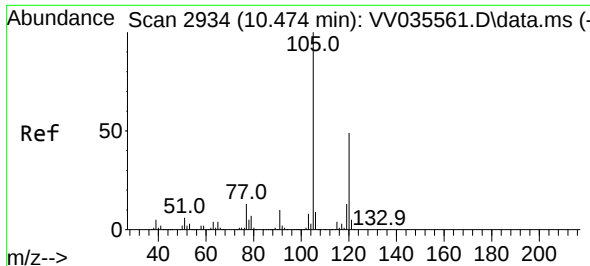
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#61
1,2,3-Trichloropropane
Concen: 1.166 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

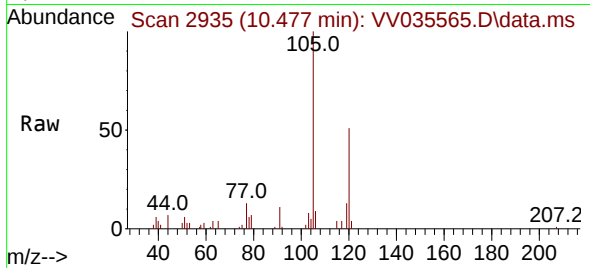
Tgt Ion: 75 Resp: 5697
Ion Ratio Lower Upper
75 100
77 38.1 25.7 38.5
110 39.0 31.8 47.8





#62
1,3,5-Trimethylbenzene
Concen: 0.769 ug/L
RT: 10.477 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

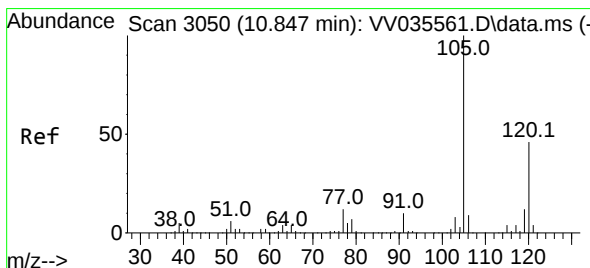
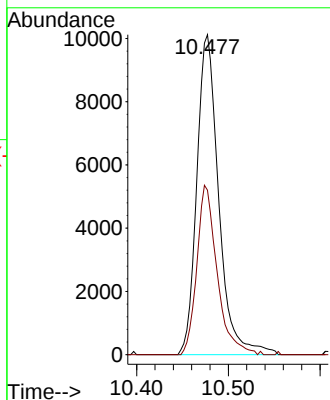
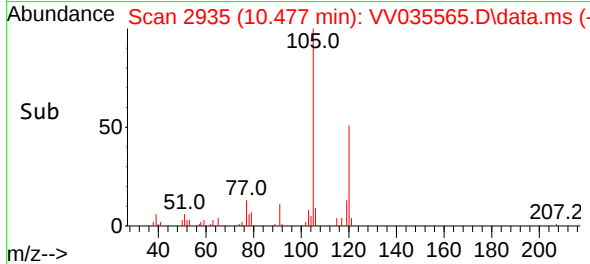
Instrument :
MSVOA_V
ClientSampleId :
MDL05



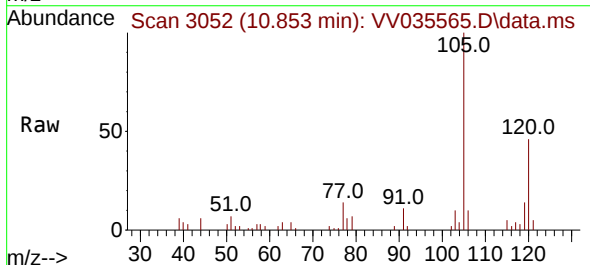
Tgt Ion:105 Resp: 16768
Ion Ratio Lower Upper
105 100
120 49.1 39.4 59.0

Manual Integrations
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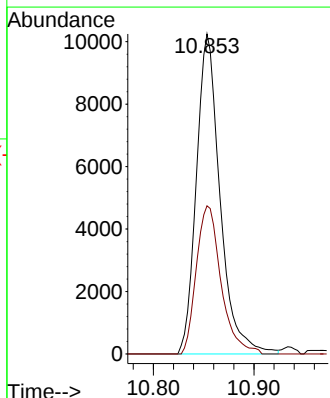
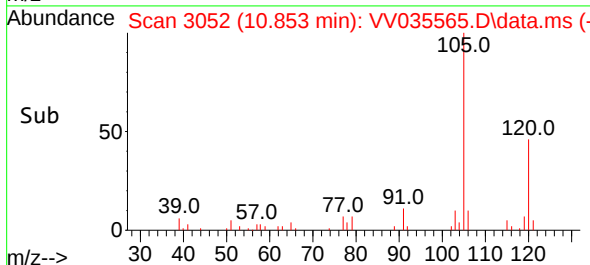
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

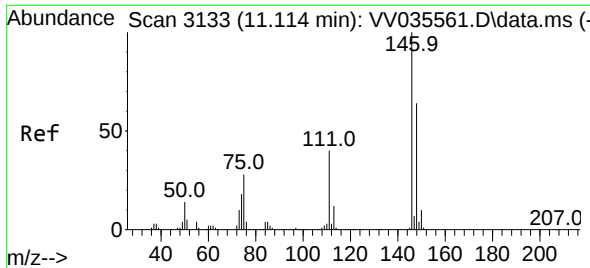


#63
1,2,4-Trimethylbenzene
Concen: 0.749 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15



Tgt Ion:105 Resp: 16768
Ion Ratio Lower Upper
105 100
120 48.3 36.6 55.0





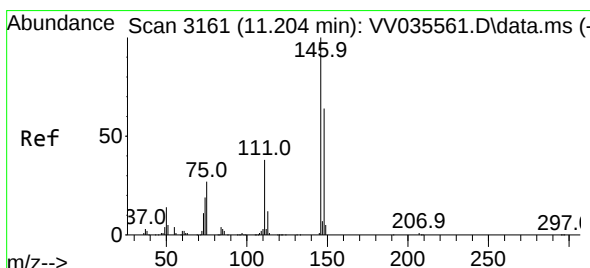
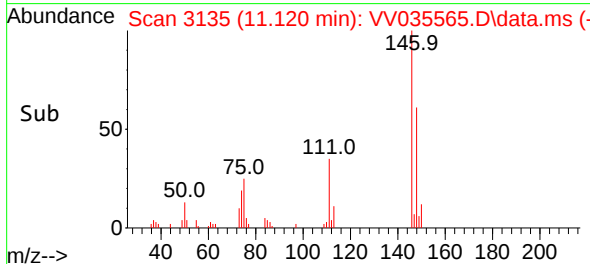
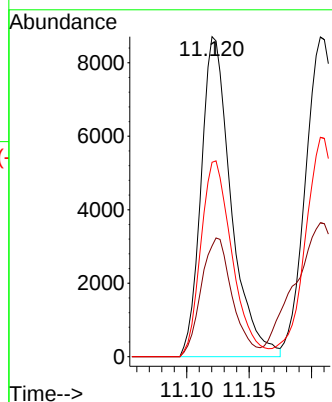
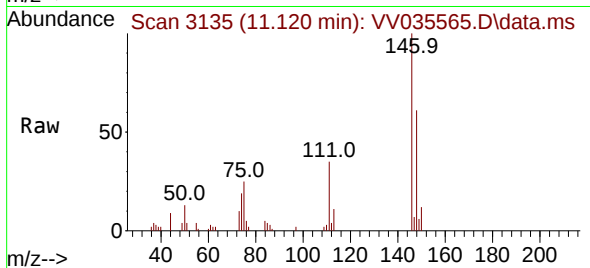
#64
1,3-Dichlorobenzene
Concen: 1.000 ug/L
RT: 11.120 min Scan# 3133
Delta R.T. 0.006 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:146 Resp: 14570
Ion Ratio Lower Upper
146 100
111 34.6 27.0 50.2
148 60.8 44.3 82.3

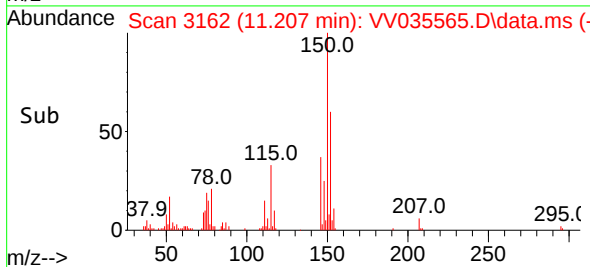
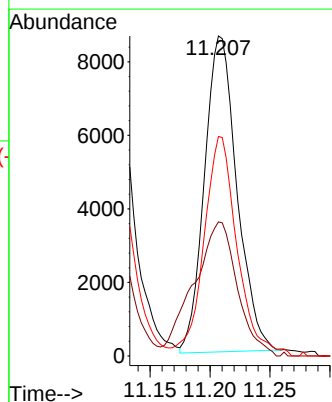
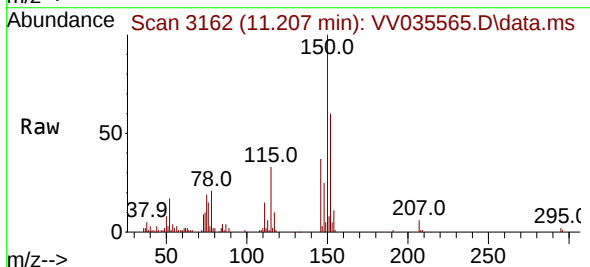
Manual Integrations
APPROVED

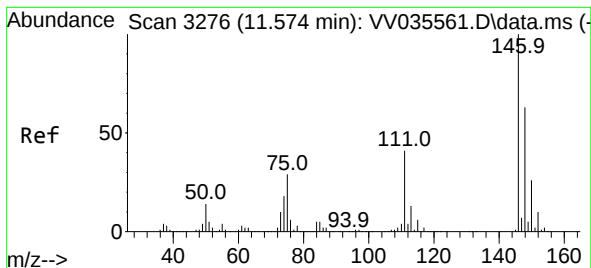
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#65
1,4-Dichlorobenzene
Concen: 1.073 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Tgt Ion:146 Resp: 16187
Ion Ratio Lower Upper
146 100
111 41.9 26.2 48.6
148 68.6 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 1.110 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035565.D

Acq: 09 May 2024 11:15

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion:146 Resp: 15230

Ion Ratio Lower Upper

146 100

111 44.8 32.6 48.8

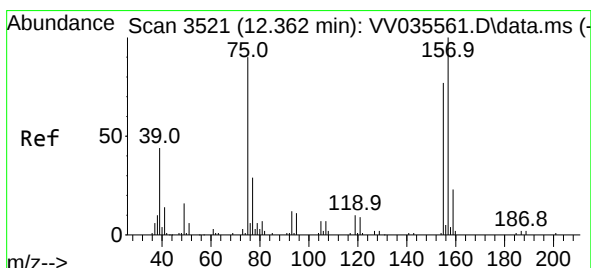
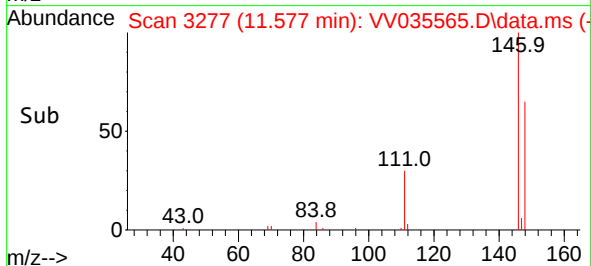
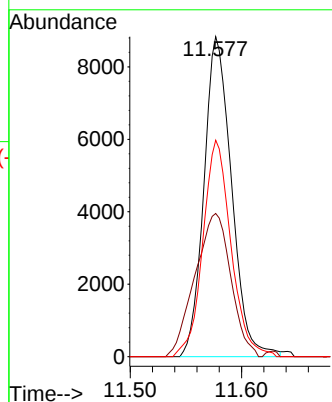
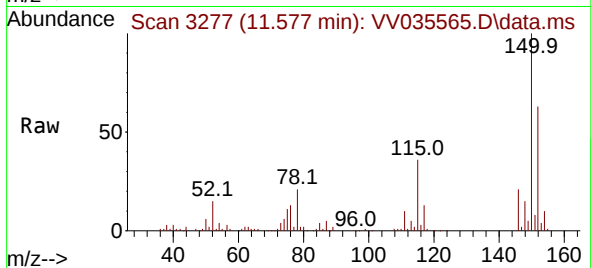
148 67.7 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024

Supervised By :Semsettin Yesilyurt 05/10/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 1.409 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.009 min

Lab File: VV035565.D

Acq: 09 May 2024 11:15

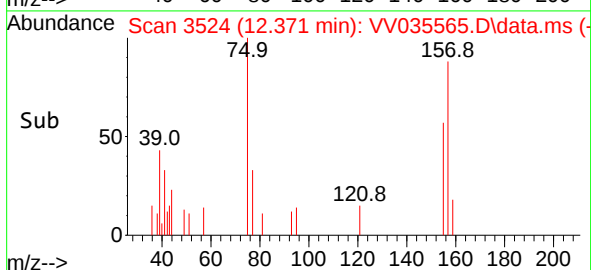
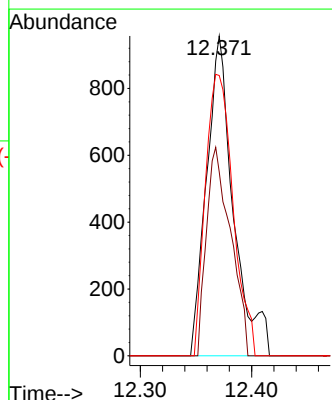
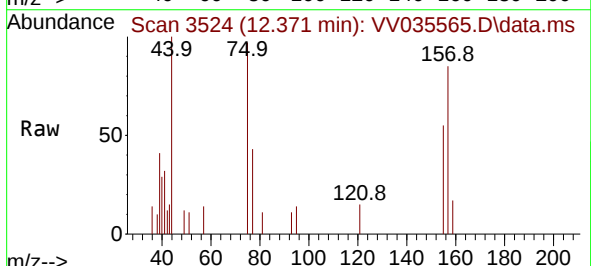
Tgt Ion: 75 Resp: 1597

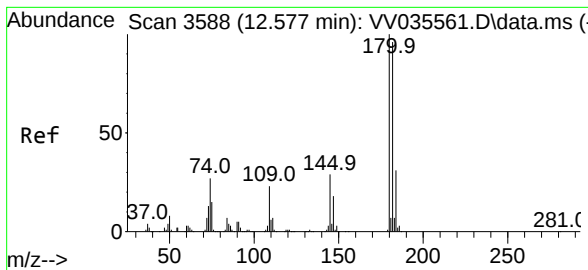
Ion Ratio Lower Upper

75 100

155 57.5 69.8 104.6#

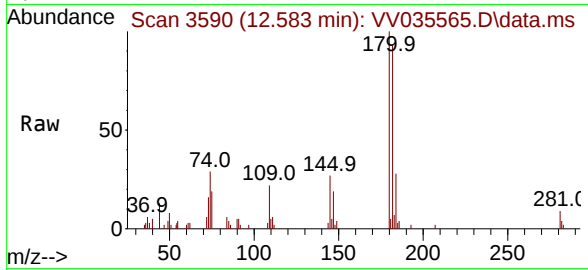
157 87.7 95.0 142.6#





#69
1,3,5-Trichlorobenzene
Concen: 1.002 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

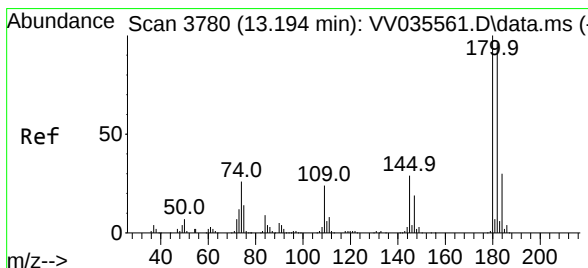
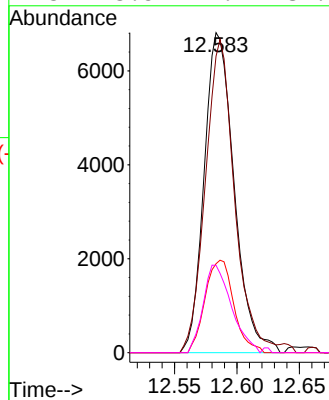
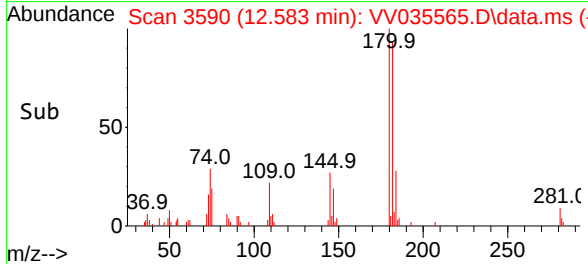
Instrument :
MSVOA_V
ClientSampleId :
MDL05



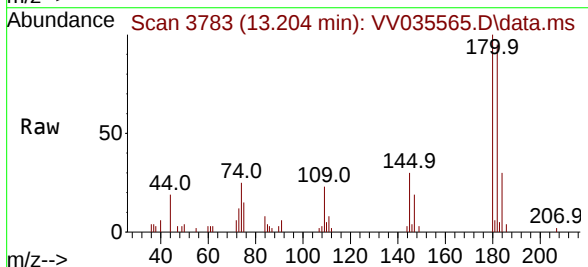
Tgt Ion:180 Resp: 11409
Ion Ratio Lower Upper
180 100
182 94.8 76.2 114.2
184 27.7 24.1 36.1
145 25.8 22.9 34.3

Manual Integrations
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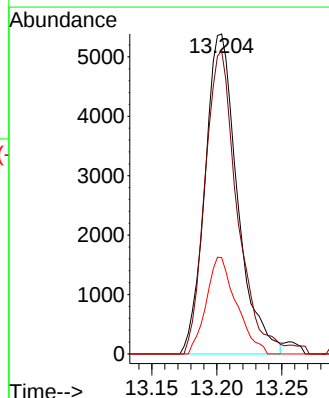
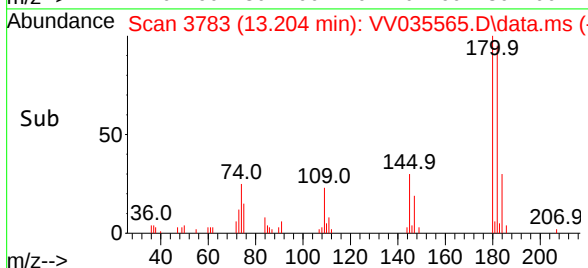
Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024

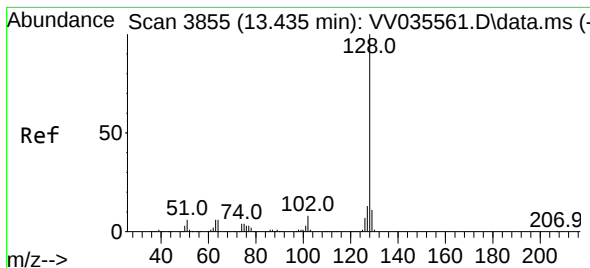


#70
1,2,4-trichlorobenzene
Concen: 0.982 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.009 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15



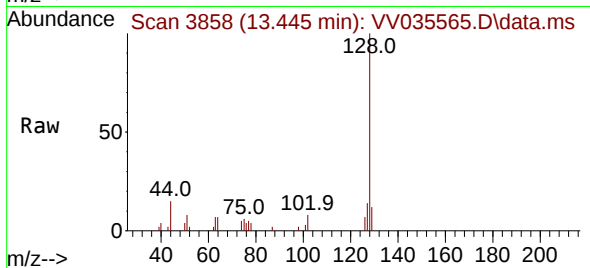
Tgt Ion:180 Resp: 9335
Ion Ratio Lower Upper
180 100
182 93.6 76.6 114.8
145 28.0 23.2 34.8





#71
Naphthalene
Concen: 0.832 ug/L m
RT: 13.445 min Scan# 3858
Delta R.T. 0.009 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

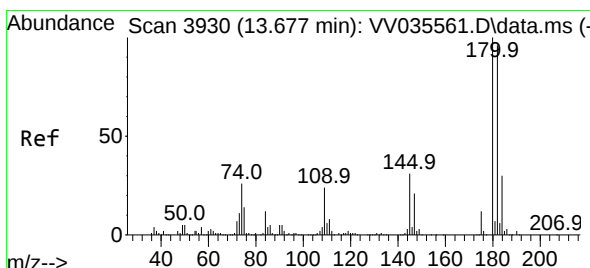
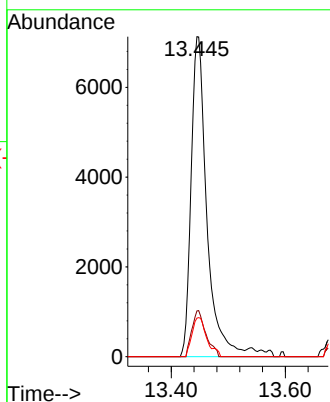
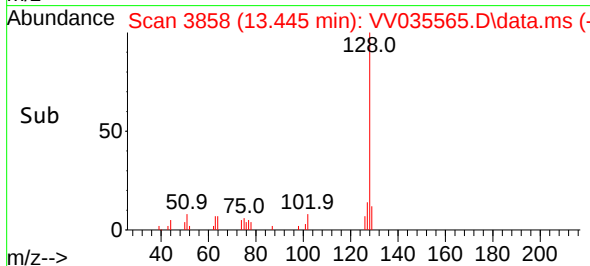
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion:128 Resp: 1389
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024
Supervised By :Semsettin Yesilyurt 05/10/2024



#72
1,2,3-Trichlorobenzene
Concen: 0.930 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.006 min
Lab File: VV035565.D
Acq: 09 May 2024 11:15

Tgt Ion:180 Resp: 7961
Ion Ratio Lower Upper
180 100
182 99.3 75.8 113.6
145 39.0 25.2 37.8#

