

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
 Data File : VV037009.D
 Acq On : 22 Aug 2024 15:51
 Operator : SY/MD
 Sample : P3696-03MSD
 Misc : 5.25g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GCN87MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

Quant Time: Aug 23 05:21:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 05:07:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	885057	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	616505	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	163426	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	166127	13.396	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.600%
7) Chloroethane-d5	1.532	69	166839	15.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.920%
11) 1,1-Dichloroethene-d2	2.057	65	86080	14.409	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.640%
21) 2-Butanone-d5	3.854	46	70897m	30.826	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.660%
24) Chloroform-d	4.243	84	439125	17.606	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.440%
26) 1,2-Dichloroethane-d4	4.937	65	214164	18.667	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.680%
32) Benzene-d6	4.954	84	813518	22.021	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.080%
36) 1,2-Dichloropropane-d6	5.986	67	266760	23.850	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.400%
41) Toluene-d8	7.236	98	657661	19.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.120%
43) trans-1,3-Dichloroprop...	7.551	79	92597	23.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.920%
47) 2-Hexanone-d5	8.034	63	53899	54.481	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.960%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	126924	20.497	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.555	152	98657	16.864	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.440%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	205873	14.893	ug/L	100
3) Chloromethane	1.221	50	290898	18.176	ug/L	98
5) Vinyl chloride	1.282	62	292483	18.453	ug/L	100
6) Bromomethane	1.487	94	197714	19.613	ug/L	98
8) Chloroethane	1.549	64	197175	19.695	ug/L	98
9) Trichlorofluoromethane	1.712	101	355922	17.007	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	193012	14.964	ug/L	99
12) 1,1-Dichloroethene	2.069	96	219773	18.296	ug/L	89
13) Acetone	2.140	43	117558m	43.556	ug/L	
14) Carbon disulfide	2.237	76	692833	17.418	ug/L	99
15) Methyl Acetate	2.381	43	101571	23.091	ug/L	97
16) Methylene chloride	2.442	84	287101	16.308	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	254303	19.341	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	598237	21.961	ug/L	99
19) 1,1-Dichloroethane	3.105	63	498303	19.468	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	271229	19.231	ug/L	98
22) 2-Butanone	3.909	43	59653m	21.476	ug/L	
23) Bromochloromethane	4.140	128	106846	19.090	ug/L	97
25) Chloroform	4.269	83	478181	19.113	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	278815	20.379	ug/L	99
29) Cyclohexane	4.571	56	275725	17.240	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	373023	23.995	ug/L	99
31) Carbon tetrachloride	4.725	117	287085	21.881	ug/L	99
33) Benzene	5.002	78	957367	23.821	ug/L	100
34) Trichloroethene	5.828	95	244778	21.575	ug/L	99
35) Methylcyclohexane	6.040	83	225116	12.833	ug/L	99
37) 1,2-Dichloropropane	6.089	63	233961	24.098	ug/L	100
38) Bromodichloromethane	6.429	83	296263	24.567	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	351741	24.811	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	236939	57.809	ug/L	99
42) Toluene	7.310	91	882214	20.953	ug/L	97
44) trans-1,3-Dichloropropene	7.577	75	276498	25.632	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	152125	23.876	ug/L	98
46) Tetrachloroethene	7.899	164	127588	15.906	ug/L	94
48) 2-Hexanone	8.082	43	144109	46.929	ug/L	95
49) Dibromochloromethane	8.172	129	159446	22.747	ug/L	99
50) 1,2-Dibromoethane	8.278	107	137429	23.900	ug/L	96
51) Chlorobenzene	8.809	112	484517	18.020	ug/L	99
52) Ethylbenzene	8.940	91	789000	16.619	ug/L	100
53) m,p-Xylene	9.066	106	280522	15.903	ug/L	97
54) o-Xylene	9.471	106	264458	15.695	ug/L	96
55) Styrene	9.490	104	449036	16.146	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	126475	21.441	ug/L	99
59) Bromoform	9.661	173	71595	38.682	ug/L	97
60) Isopropylbenzene	9.860	105	596575	23.152	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	106100	40.260	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	392080	18.585	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	385616	18.753	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	202167	18.358	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	195886	17.808	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	176387	18.487	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	18748	36.404	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	64632	8.422	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	51672m	8.414	ug/L	
71) Naphthalene	13.435	128	178669	19.312	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.673	180	39303	7.729	ug/L #	85

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

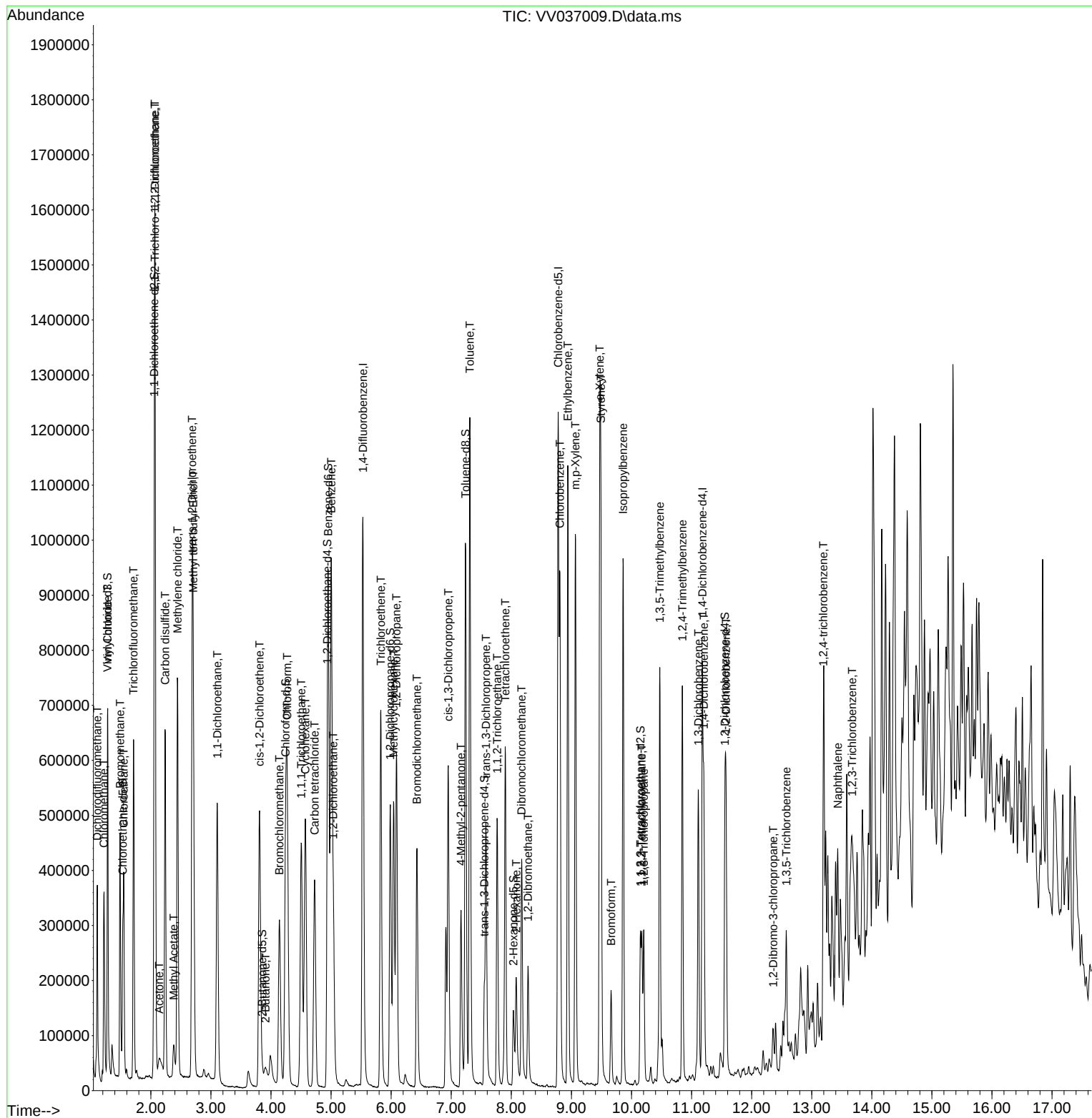
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
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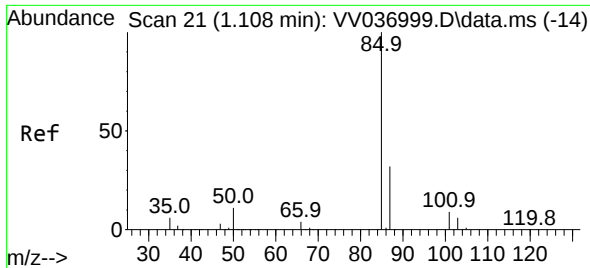
Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

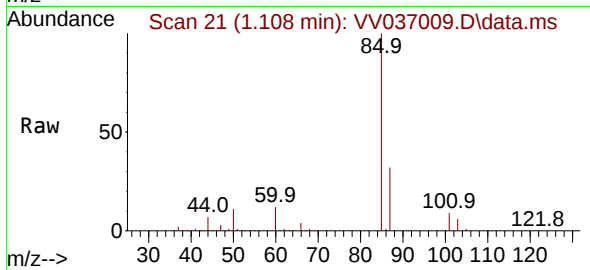
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 Quant Title : VOC Analysis
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#2
Dichlorodifluoromethane
Concen: 14.893 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

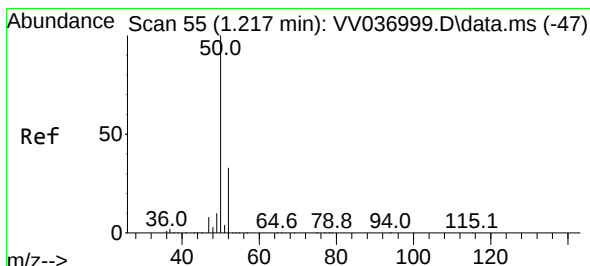
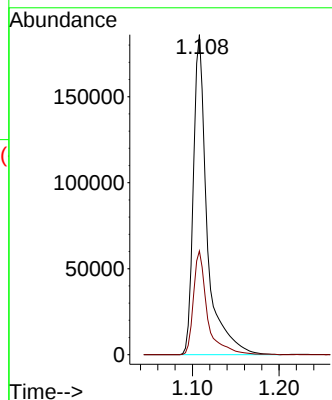
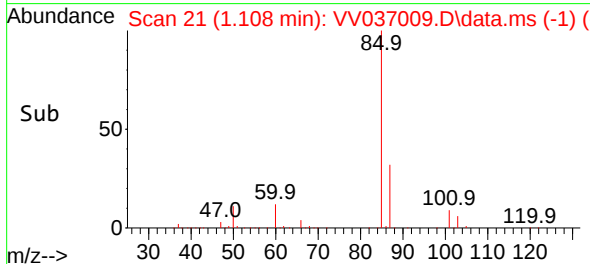
Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD



Tgt Ion: 85 Resp: 20587
Ion Ratio Lower Upper
85 100
87 32.8 26.1 39.1

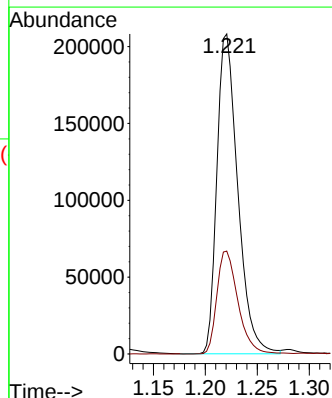
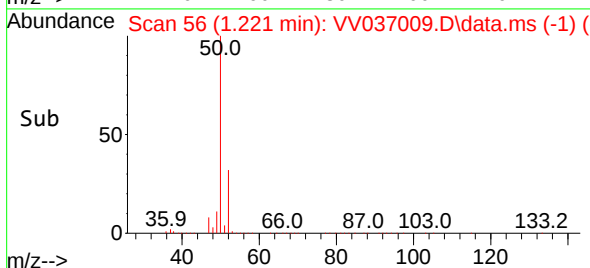
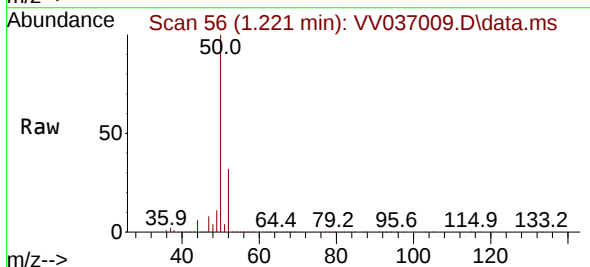
Manual Integrations
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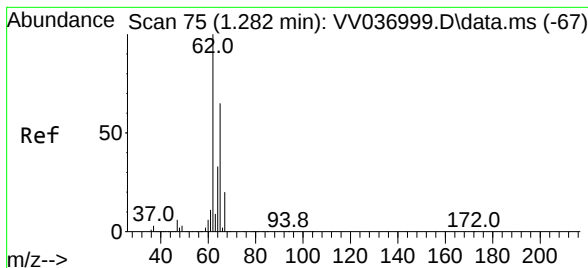
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#3
Chloromethane
Concen: 18.176 ug/L
RT: 1.221 min Scan# 56
Delta R.T. 0.003 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

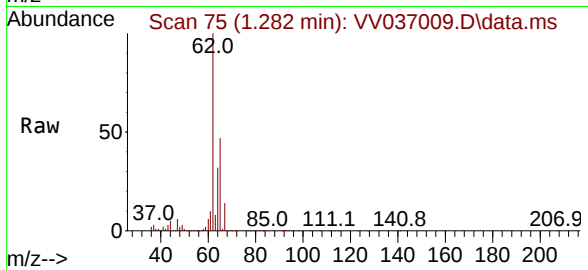
Tgt Ion: 50 Resp: 290898
Ion Ratio Lower Upper
50 100
52 32.1 23.2 43.2





#5
 Vinyl chloride
 Concen: 18.453 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037009.D
 Acq: 22 Aug 2024 15:51

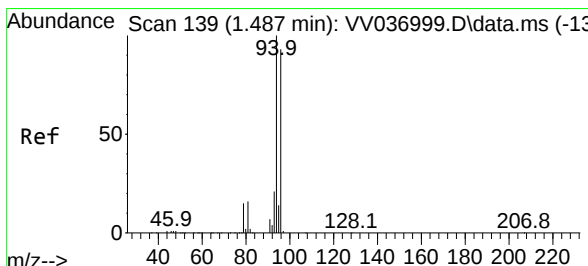
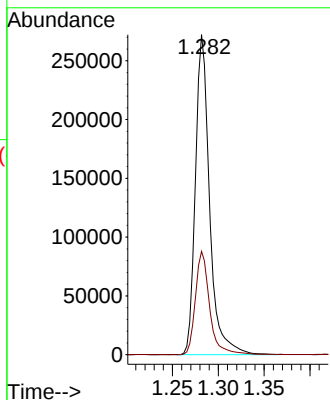
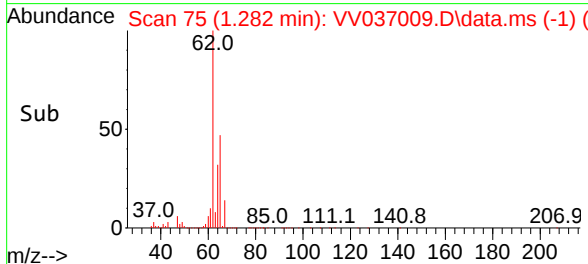
Instrument :
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 ClientSampleId :
 GCN87MSD



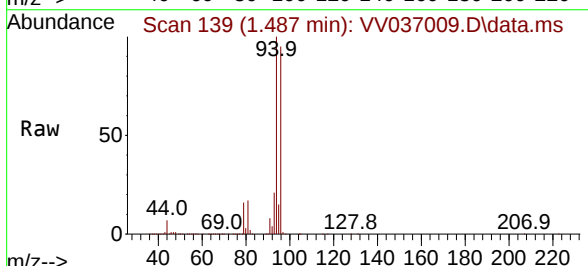
Tgt Ion: 62 Resp: 292483
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.8 42.4

Manual Integrations
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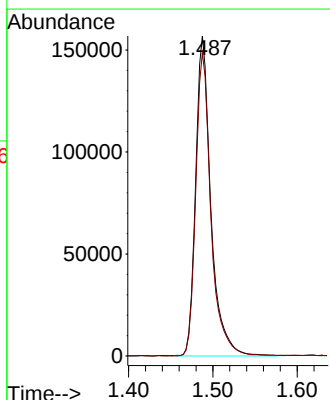
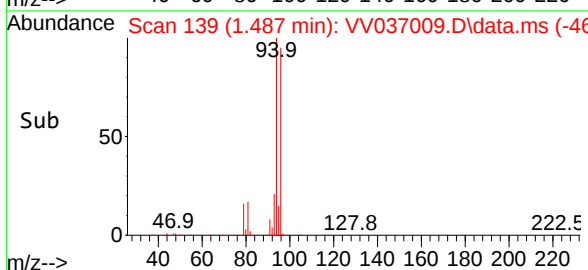
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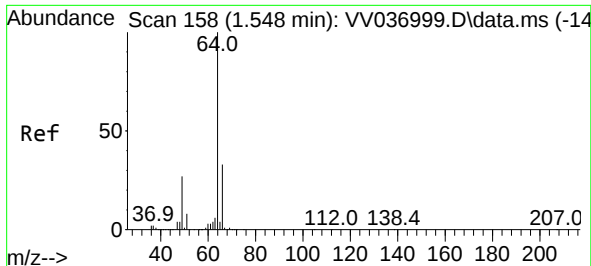


#6
 Bromomethane
 Concen: 19.613 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037009.D
 Acq: 22 Aug 2024 15:51



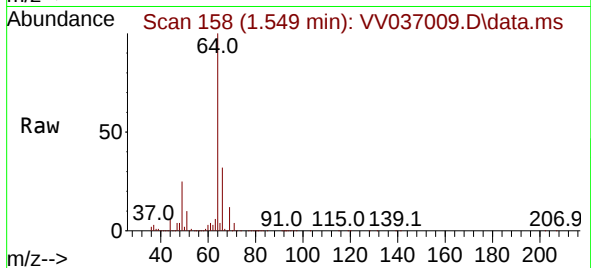
Tgt Ion: 94 Resp: 197714
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.0 120.6





#8
Chloroethane
Concen: 19.695 ug/L
RT: 1.549 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

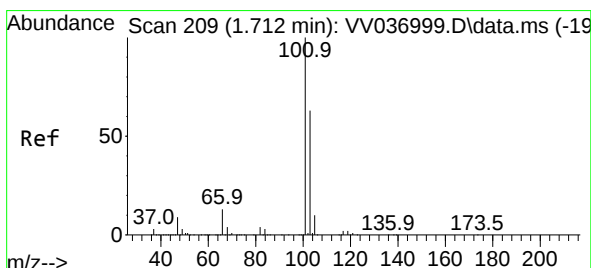
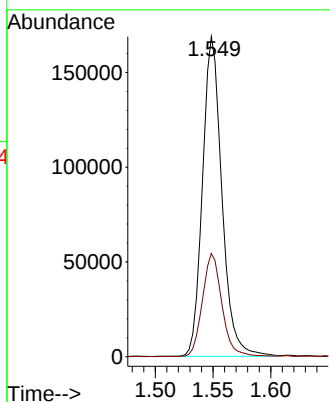
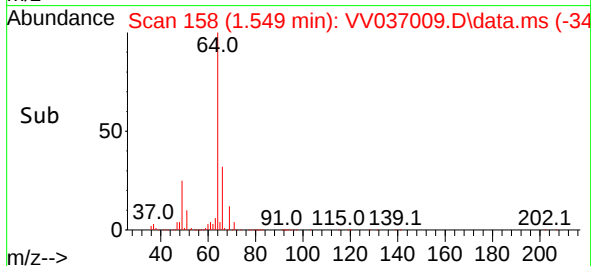
Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD



Tgt Ion: 64 Resp: 19717
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.0

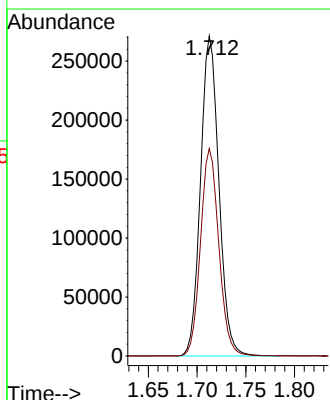
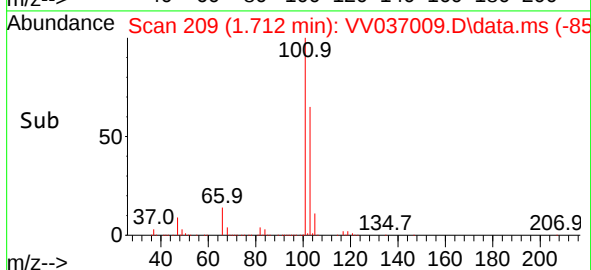
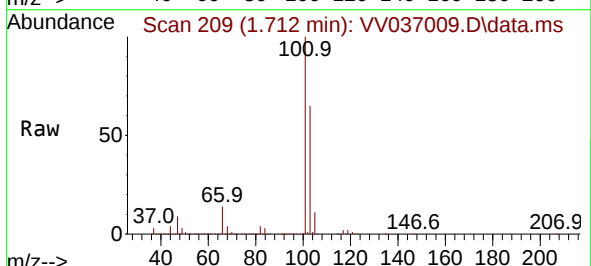
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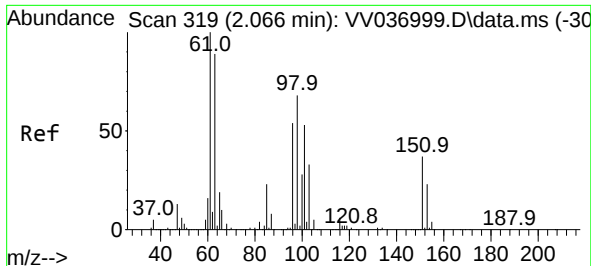
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#9
Trichlorofluoromethane
Concen: 17.007 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Tgt Ion:101 Resp: 355922
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.6





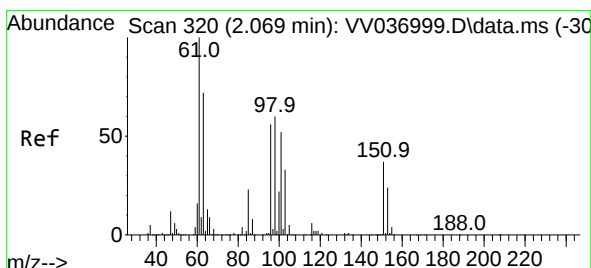
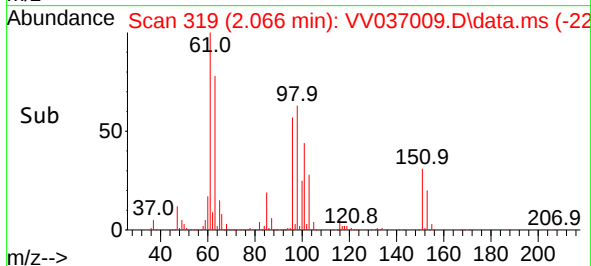
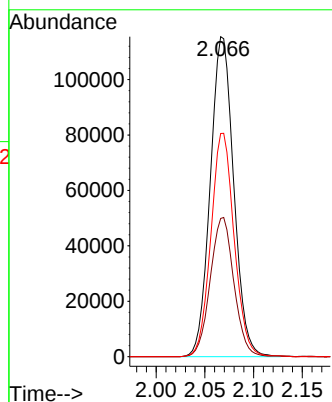
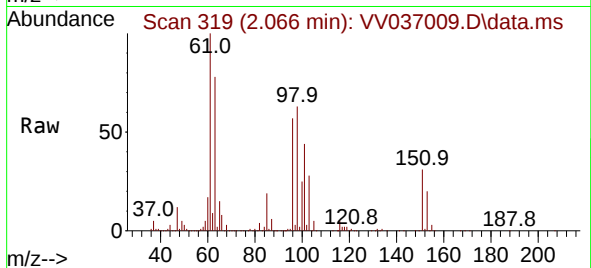
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 14.964 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037009.D
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Instrument :
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Tgt Ion: 101 Resp: 19301
Ion Ratio Lower Upper
101 100
85 43.9 35.6 53.4
151 69.4 56.3 84.5

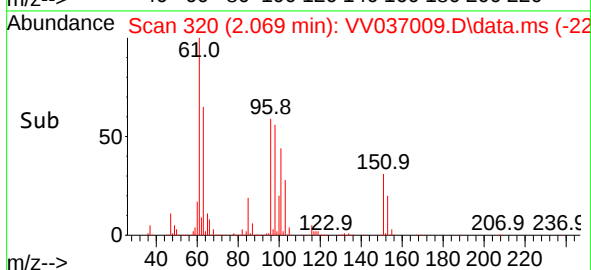
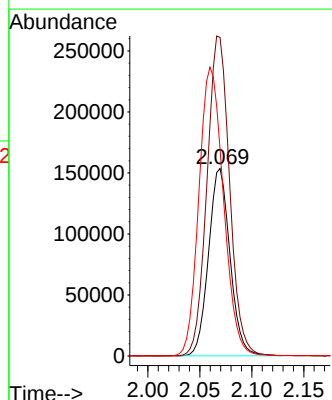
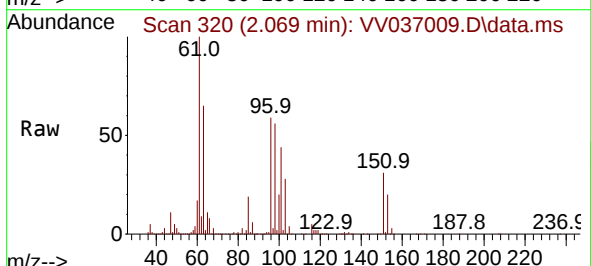
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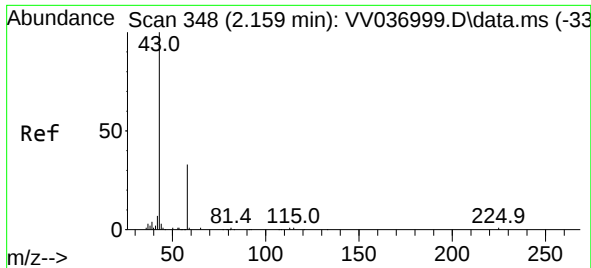
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#12
1,1-Dichloroethene
Concen: 18.296 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

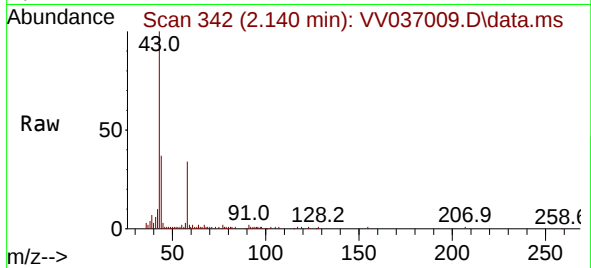
Tgt Ion: 96 Resp: 219773
Ion Ratio Lower Upper
96 100
61 169.9 126.0 234.0
63 110.4 91.0 169.0





#13
Acetone
Concen: 43.556 ug/L m
RT: 2.140 min Scan# 34
Delta R.T. -0.019 min
Lab File: VV037009.D
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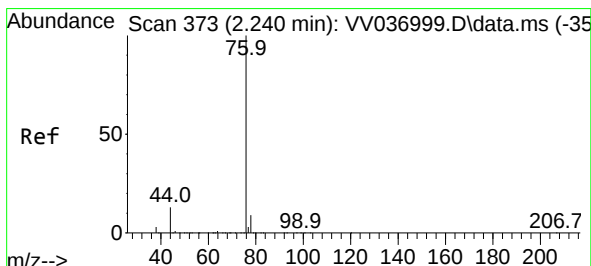
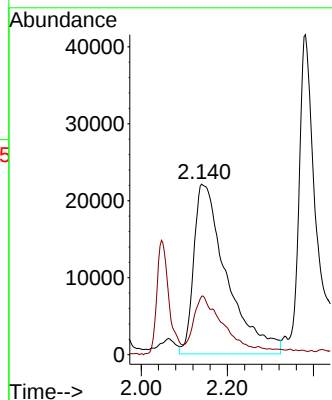
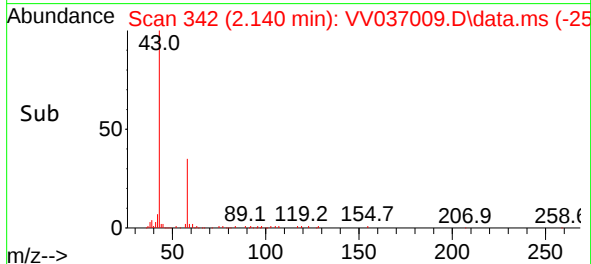
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Tgt Ion: 43 Resp: 117558
Ion Ratio Lower Upper
43 100
58 12.4 0.0 21.2

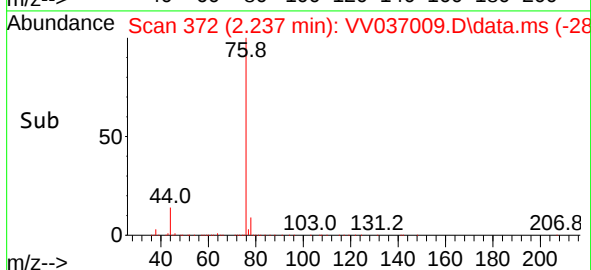
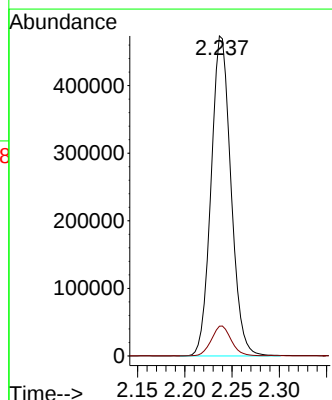
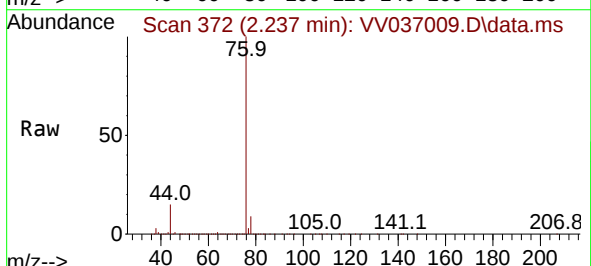
Manual Integrations
APPROVED

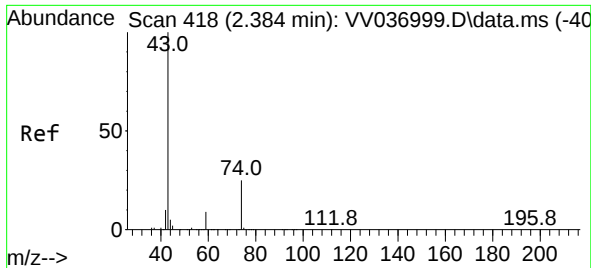
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#14
Carbon disulfide
Concen: 17.418 ug/L
RT: 2.237 min Scan# 372
Delta R.T. -0.003 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

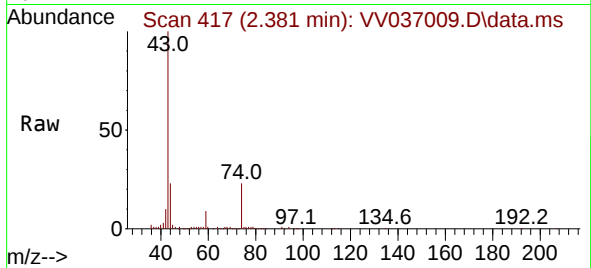
Tgt Ion: 76 Resp: 692833
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7





#15
Methyl Acetate
Concen: 23.091 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.003 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

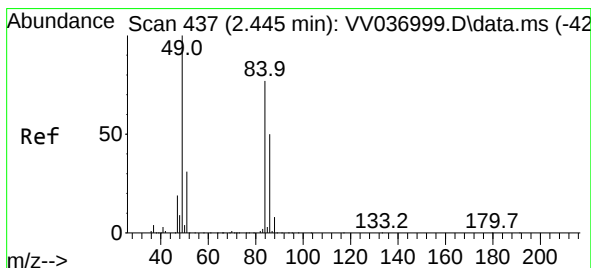
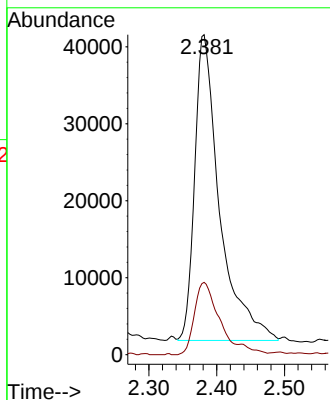
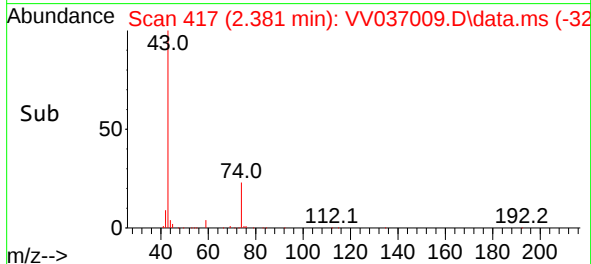
Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD



Tgt Ion: 43 Resp: 10157
Ion Ratio Lower Upper
43 100
74 22.8 19.6 29.4

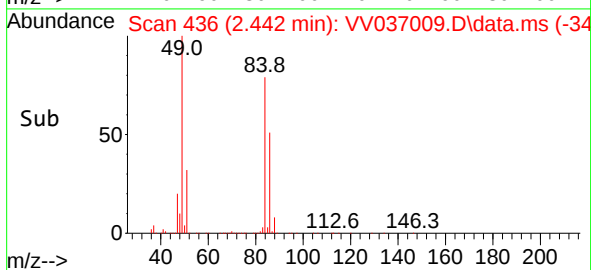
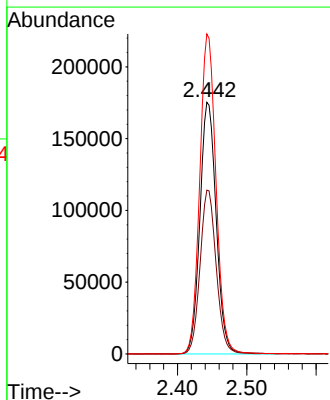
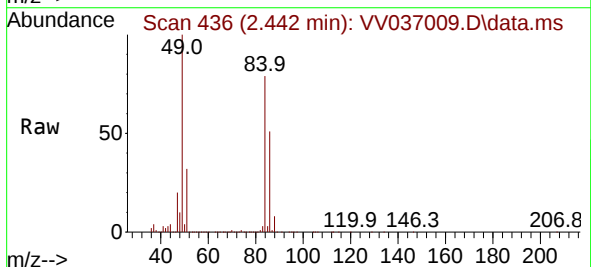
Manual Integrations
APPROVED

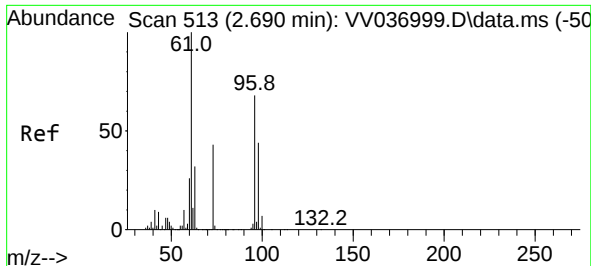
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#16
Methylene chloride
Concen: 16.308 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

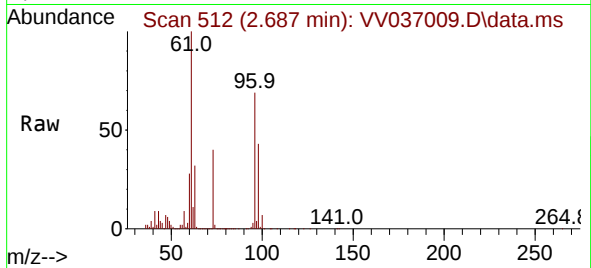
Tgt Ion: 84 Resp: 287101
Ion Ratio Lower Upper
84 100
86 65.1 45.4 84.2
49 127.1 91.2 169.4





#17
trans-1,2-Dichloroethene
Concen: 19.341 ug/L
RT: 2.687 min Scan# 513
Delta R.T. -0.003 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

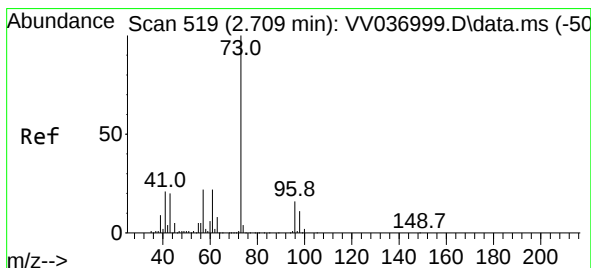
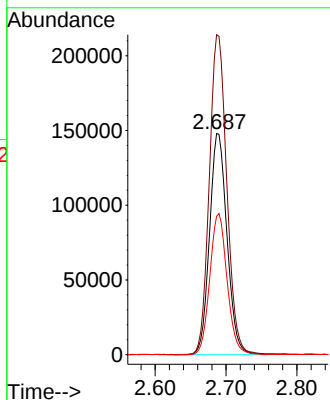
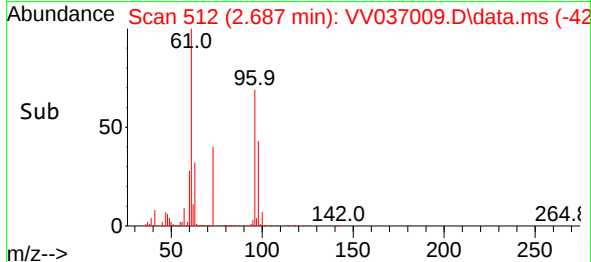
Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD



Tgt Ion: 96 Resp: 25430
Ion Ratio Lower Upper
96 100
61 144.7 103.3 191.9
98 62.6 45.0 83.6

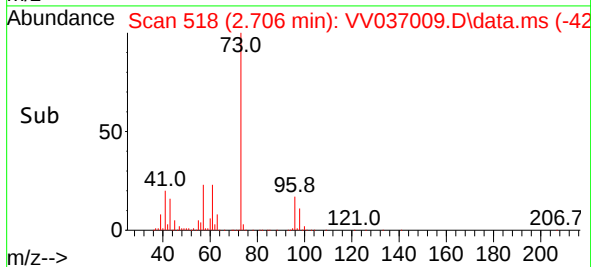
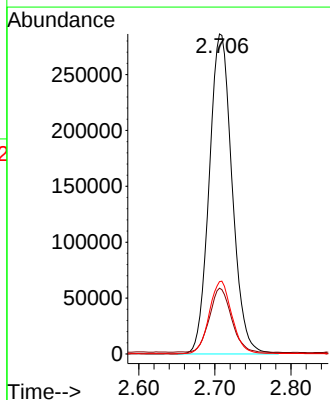
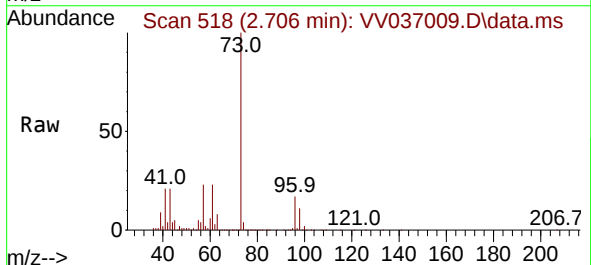
Manual Integrations
APPROVED

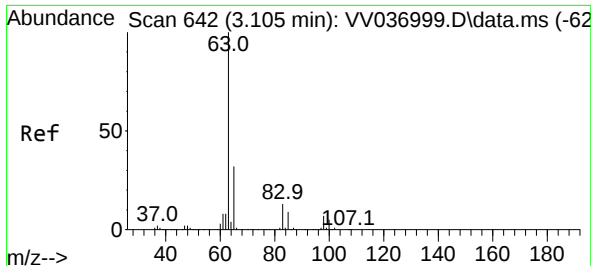
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#18
Methyl tert-butyl Ether
Concen: 21.961 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.003 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

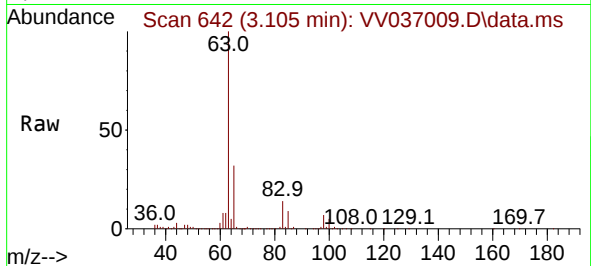
Tgt Ion: 73 Resp: 598237
Ion Ratio Lower Upper
73 100
43 19.2 15.9 23.9
57 22.4 17.6 26.4





#19
1,1-Dichloroethane
Concen: 19.468 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

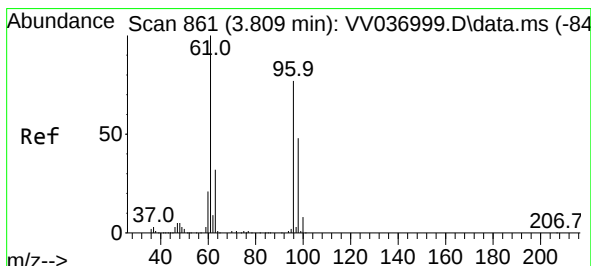
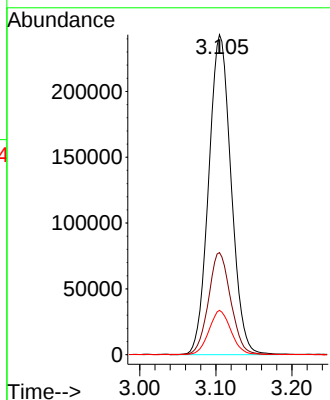
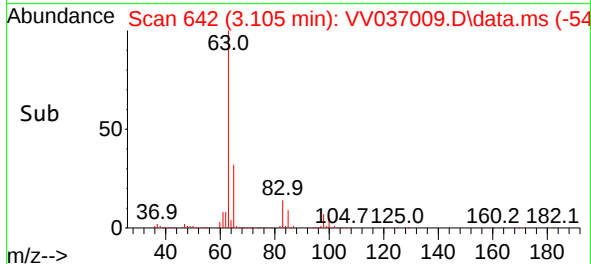
Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD



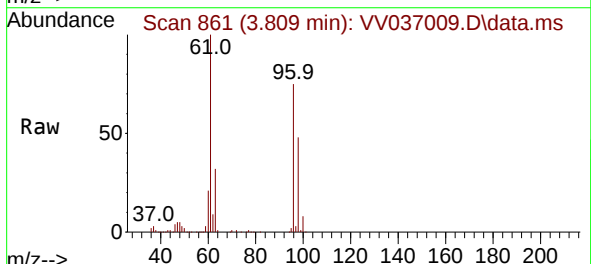
Tgt Ion: 63 Resp: 49830
Ion Ratio Lower Upper
63 100
65 31.9 22.3 41.3
83 13.9 9.0 16.6

Manual Integrations
APPROVED

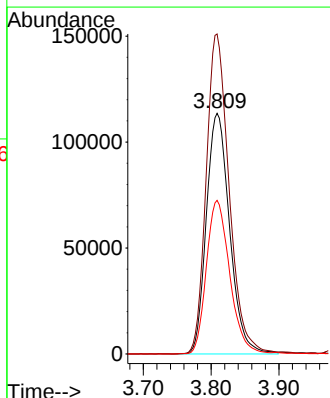
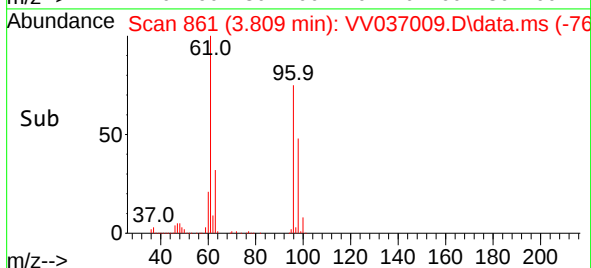
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

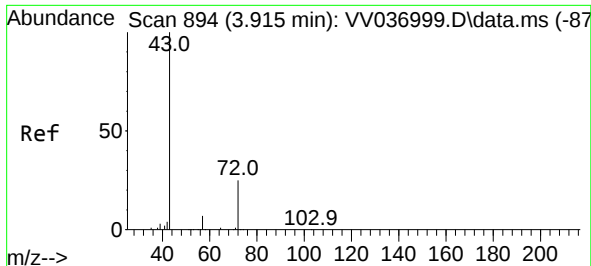


#20
cis-1,2-Dichloroethene
Concen: 19.231 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51



Tgt Ion: 96 Resp: 271229
Ion Ratio Lower Upper
96 100
61 133.0 91.0 169.0
98 63.9 43.8 81.3





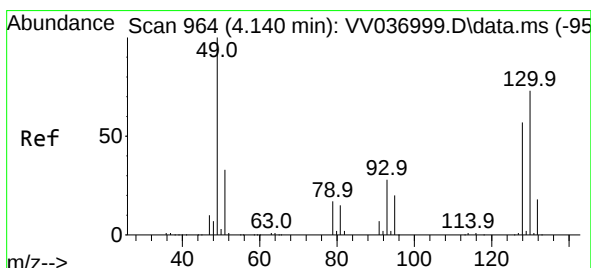
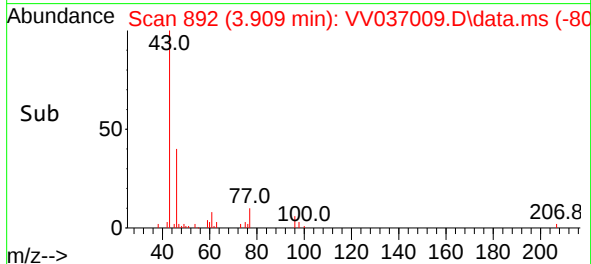
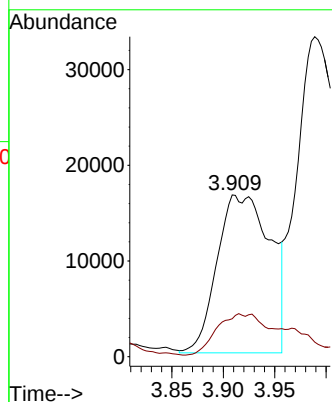
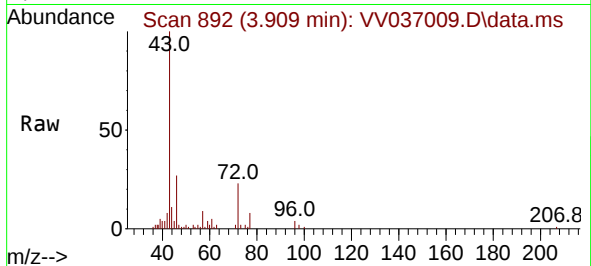
#22
2-Butanone
Concen: 21.476 ug/L m
RT: 3.909 min Scan# 894
Delta R.T. -0.006 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD

Tgt Ion: 43 Resp: 5965
Ion Ratio Lower Upper
43 100
72 14.1 10.7 32.1

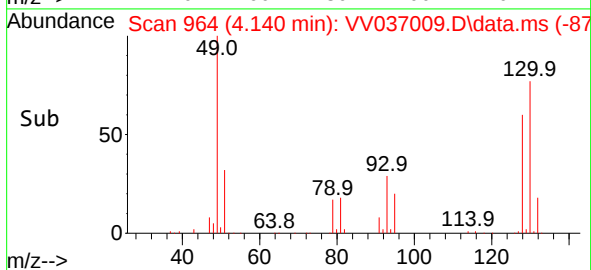
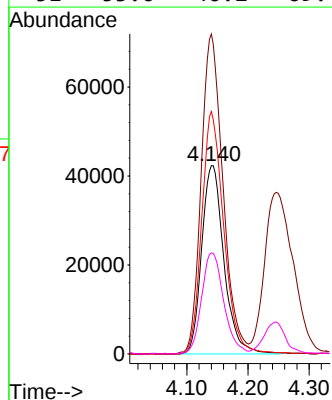
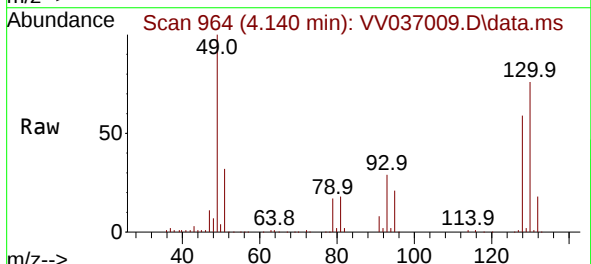
Manual Integrations
APPROVED

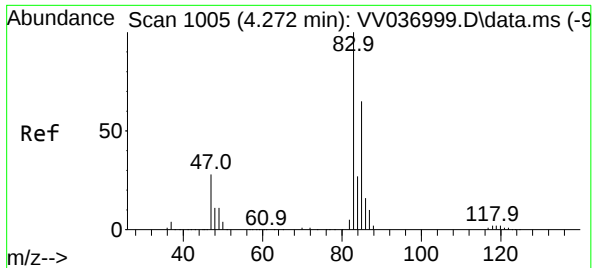
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#23
Bromochloromethane
Concen: 19.090 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Tgt Ion:128 Resp: 106846
Ion Ratio Lower Upper
128 100
49 169.8 123.3 229.1
130 128.7 89.7 166.5
51 53.6 46.2 69.4





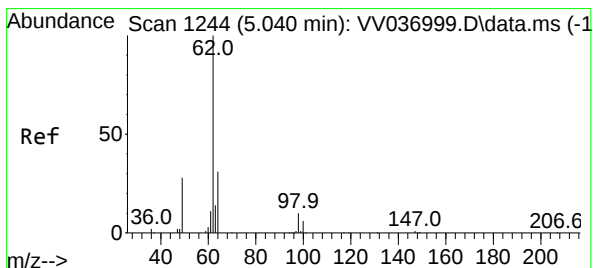
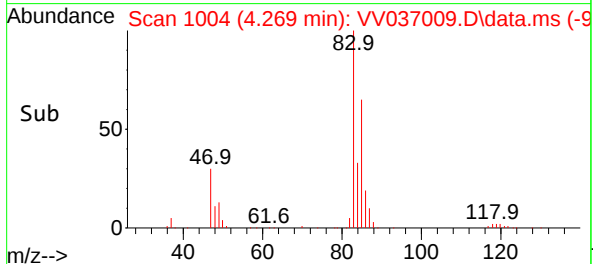
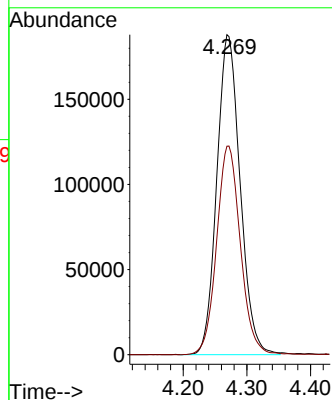
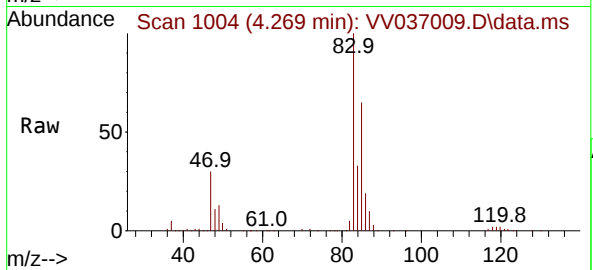
#25
Chloroform
Concen: 19.113 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. -0.003 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD

Tgt Ion: 83 Resp: 47818
Ion Ratio Lower Upper
83 100
85 65.1 45.5 84.5

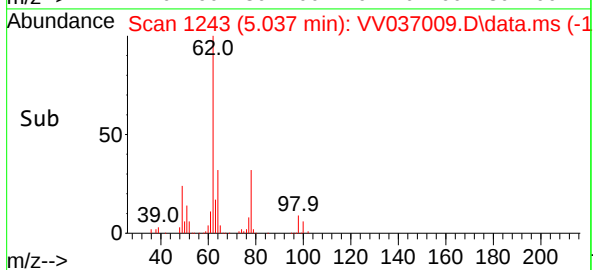
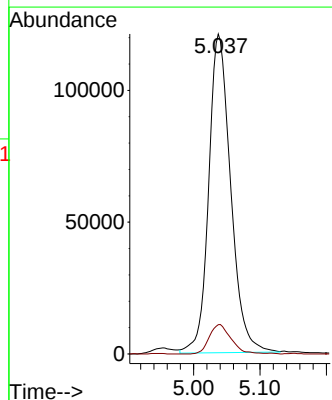
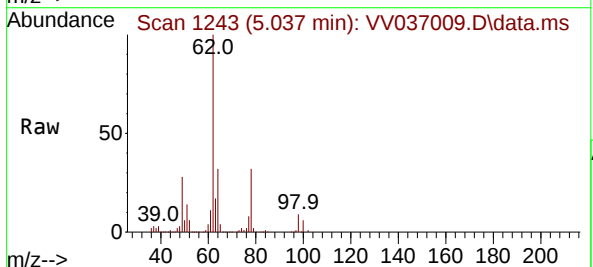
Manual Integrations
APPROVED

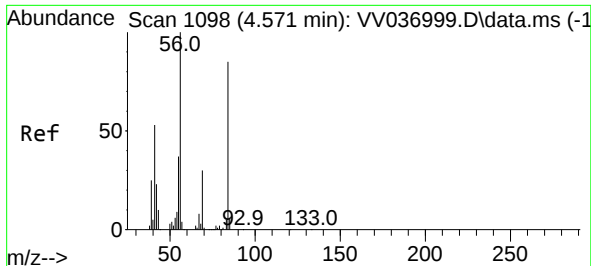
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#27
1,2-Dichloroethane
Concen: 20.379 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

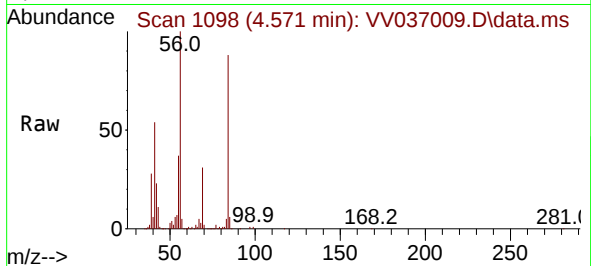
Tgt Ion: 62 Resp: 278815
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3





#29
Cyclohexane
Concen: 17.240 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

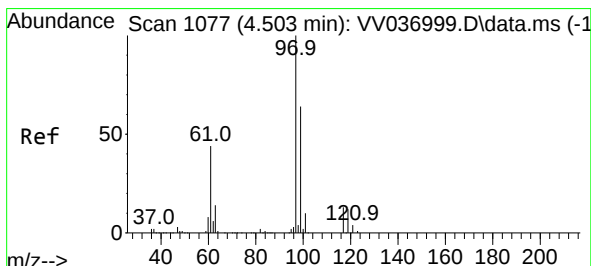
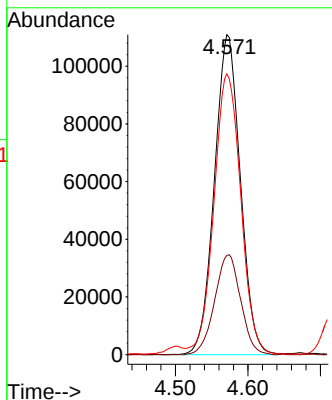
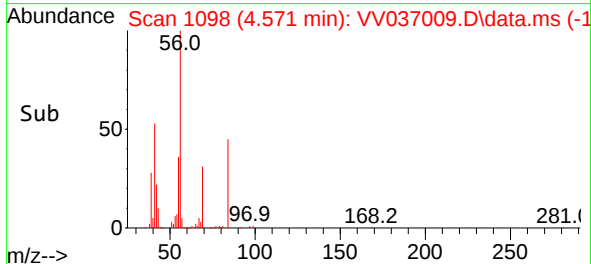
Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD



Tgt Ion: 56 Resp: 275725
Ion Ratio Lower Upper
56 100
69 31.3 24.7 37.1
84 90.3 70.0 105.0

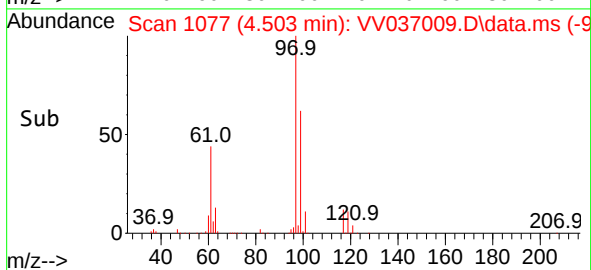
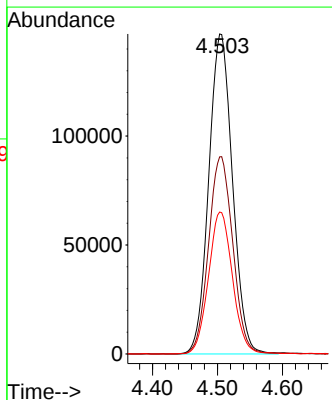
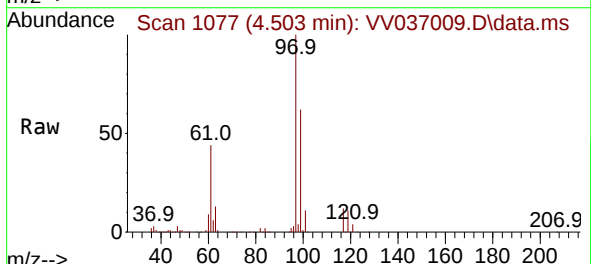
Manual Integrations
APPROVED

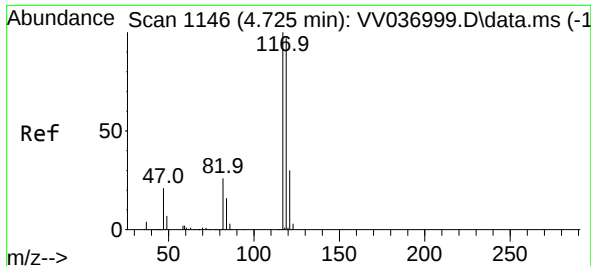
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#30
1,1,1-Trichloroethane
Concen: 23.995 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

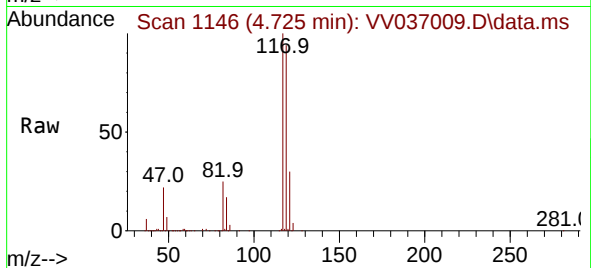
Tgt Ion: 97 Resp: 373023
Ion Ratio Lower Upper
97 100
99 63.0 51.0 76.4
61 44.6 35.0 52.6





#31
Carbon tetrachloride
Concen: 21.881 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

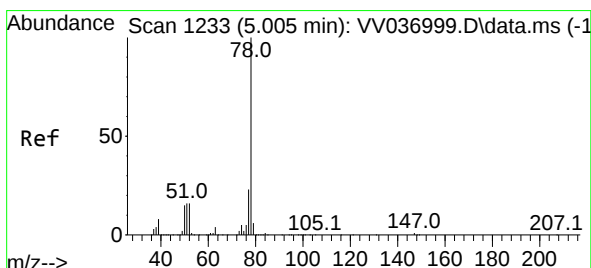
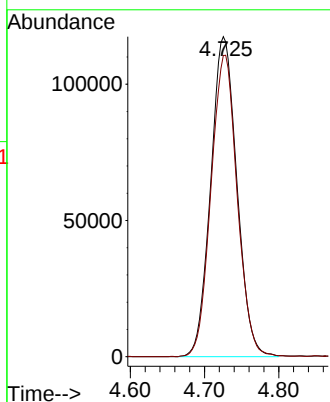
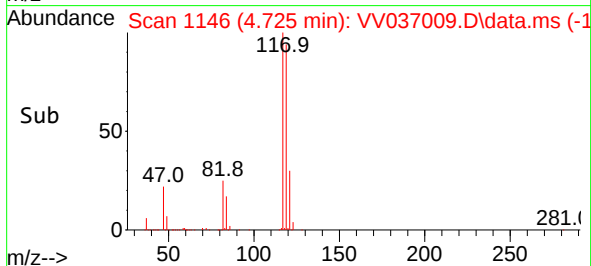
Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD



Tgt Ion:117 Resp: 287085
Ion Ratio Lower Upper
117 100
119 94.4 76.6 115.0

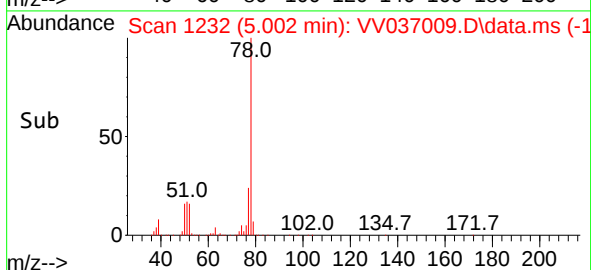
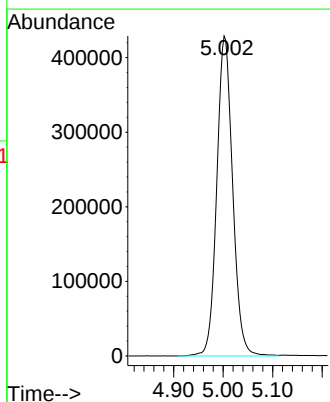
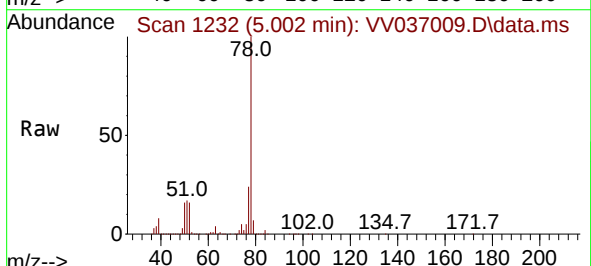
Manual Integrations
APPROVED

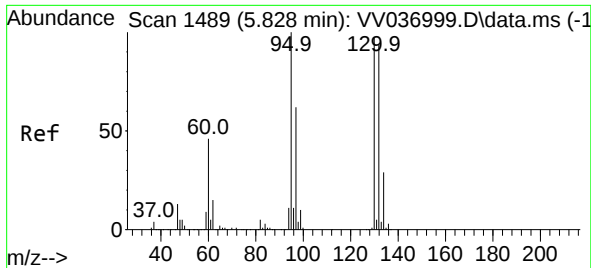
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#33
Benzene
Concen: 23.821 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

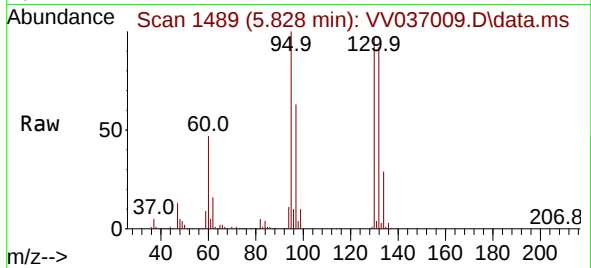
Tgt Ion: 78 Resp: 957367





#34
Trichloroethene
Concen: 21.575 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

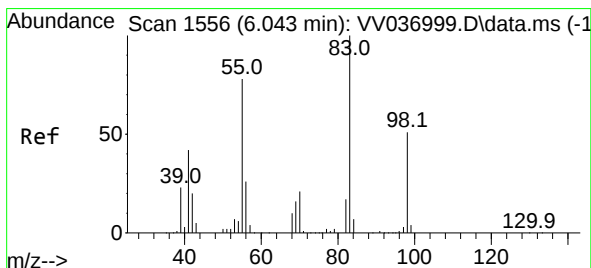
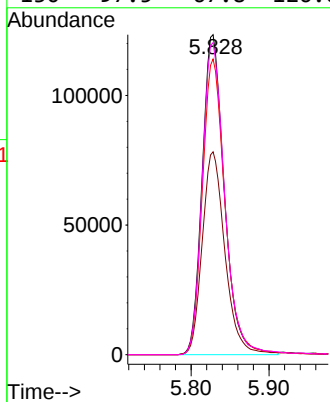
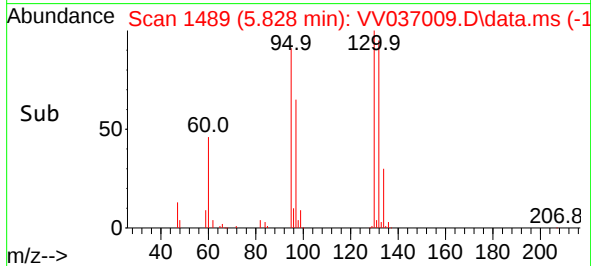
Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD



Tgt Ion: 95 Resp: 244778
Ion Ratio Lower Upper
95 100
97 63.4 43.5 80.9
132 92.4 66.1 122.7
130 97.5 67.8 126.0

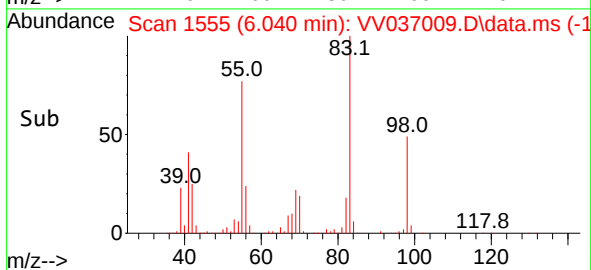
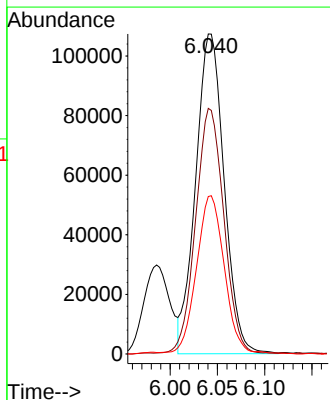
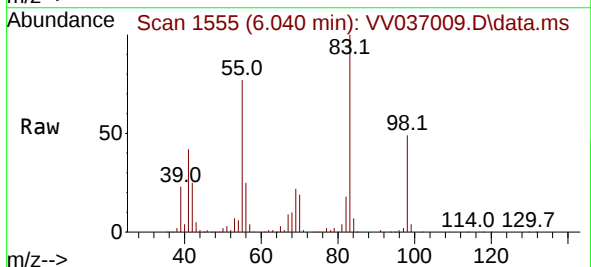
Manual Integrations
APPROVED

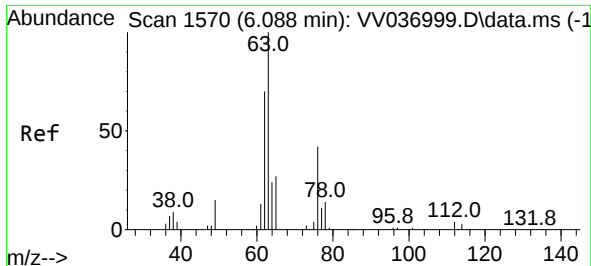
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#35
Methylcyclohexane
Concen: 12.833 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.003 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Tgt Ion: 83 Resp: 225116
Ion Ratio Lower Upper
83 100
55 75.4 60.9 91.3
98 47.3 39.0 58.6





#37

1,2-Dichloropropane

Concen: 24.098 ug/L

RT: 6.089 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV037009.D

Acq: 22 Aug 2024 15:51

Instrument :

MSVOA_V

ClientSampleId :

GCN87MSD

Tgt Ion: 63 Resp: 23396

Ion Ratio Lower Upper

63 100

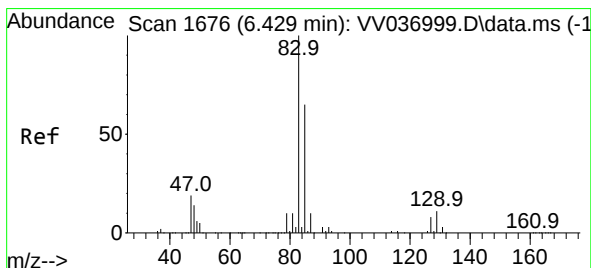
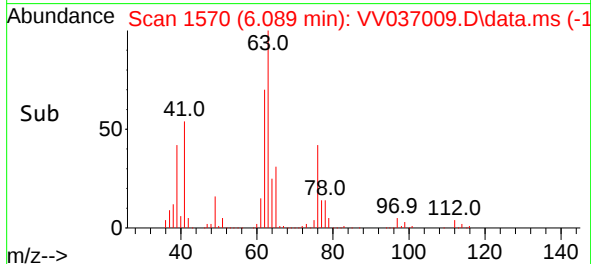
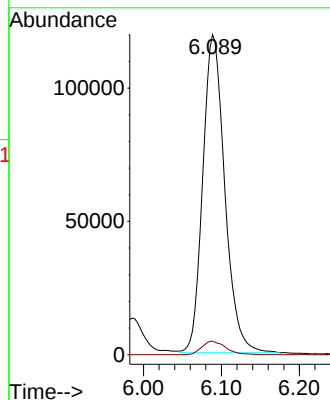
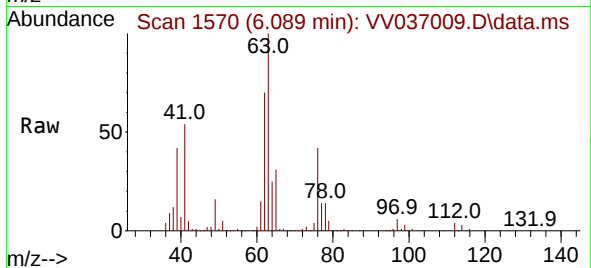
112 4.6 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024

Supervised By :Semsettin Yesilyurt 08/23/2024



#38

Bromodichloromethane

Concen: 24.567 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV037009.D

Acq: 22 Aug 2024 15:51

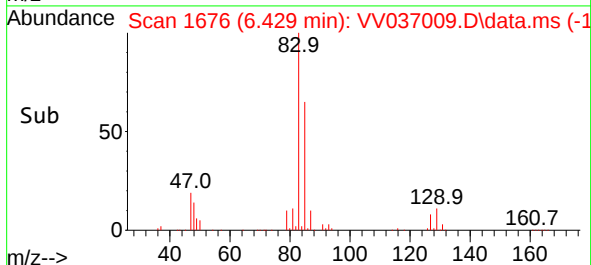
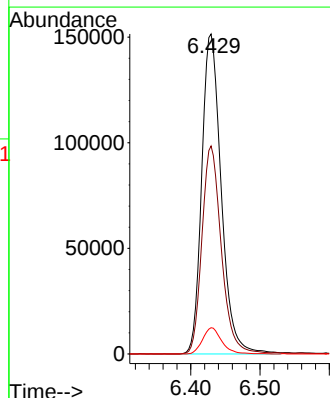
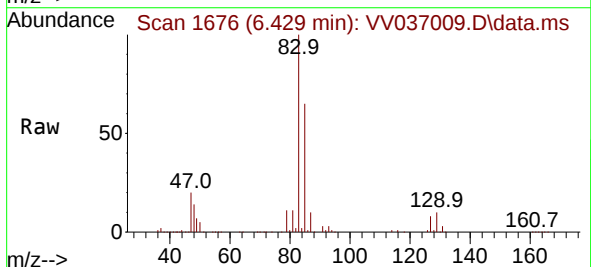
Tgt Ion: 83 Resp: 296263

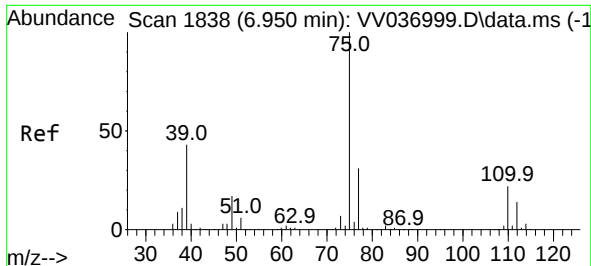
Ion Ratio Lower Upper

83 100

85 65.0 45.6 84.6

127 8.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 24.811 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV037009.D

Acq: 22 Aug 2024 15:51

Instrument :

MSVOA_V

ClientSampleId :

GCN87MSD

Tgt Ion: 75 Resp: 35174

Ion Ratio Lower Upper

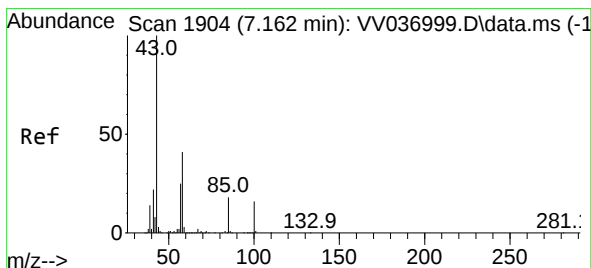
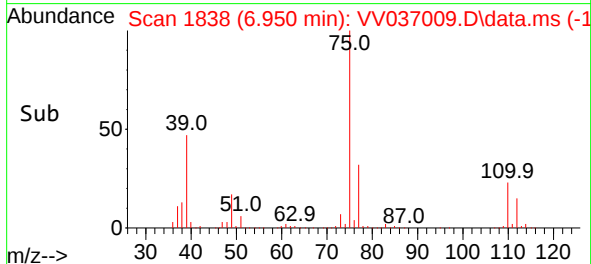
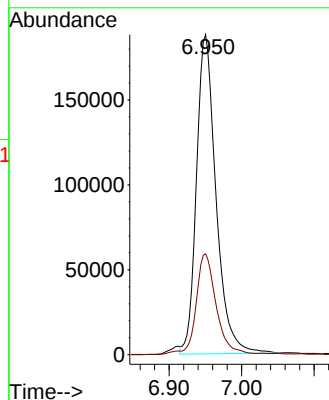
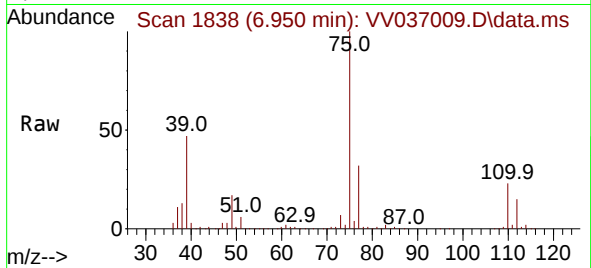
75 100

77 31.5 21.8 40.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#40

4-Methyl-2-pentanone

Concen: 57.809 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV037009.D

Acq: 22 Aug 2024 15:51

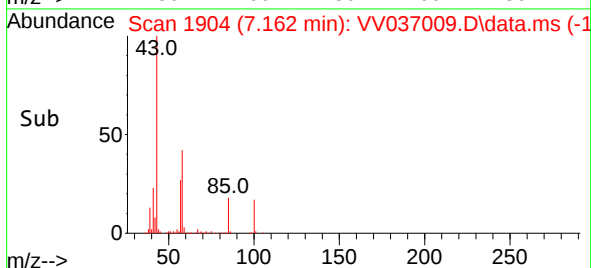
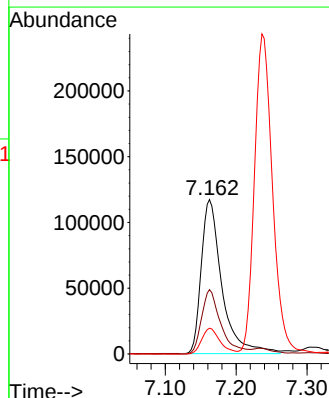
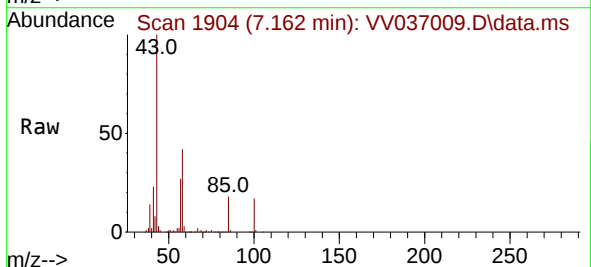
Tgt Ion: 43 Resp: 236939

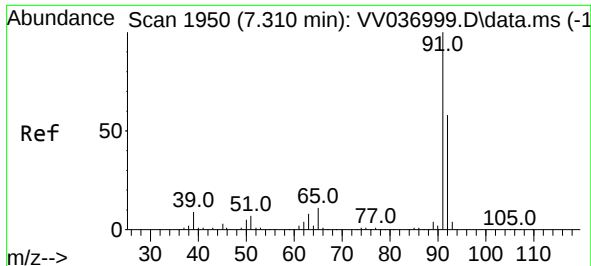
Ion Ratio Lower Upper

43 100

58 39.3 31.1 46.7

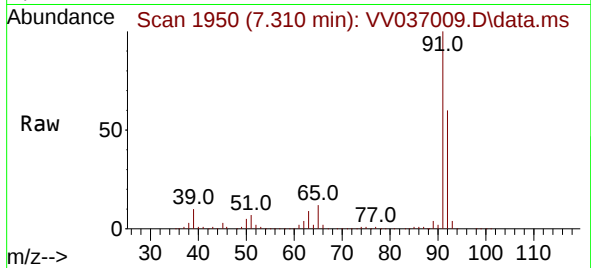
100 14.8 12.1 18.1





#42
Toluene
Concen: 20.953 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

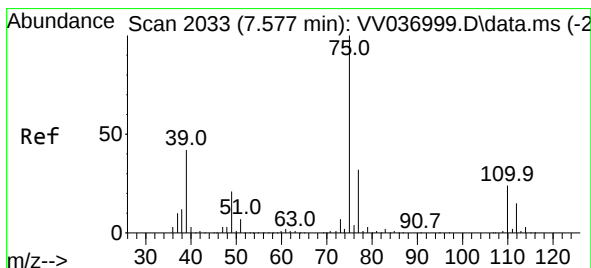
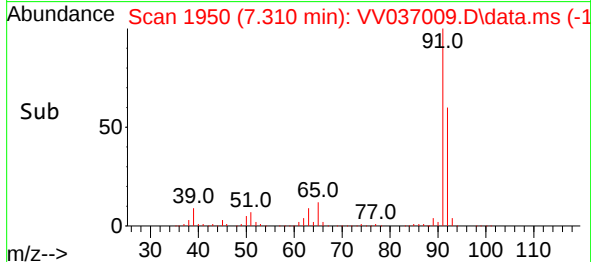
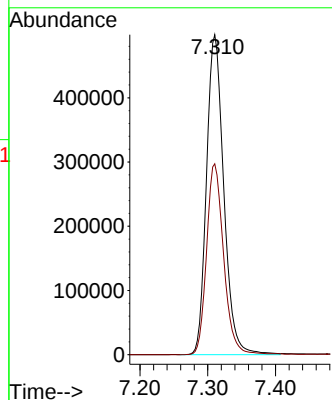
Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD



Tgt Ion: 91 Resp: 882214
Ion Ratio Lower Upper
91 100
92 59.7 40.4 75.0

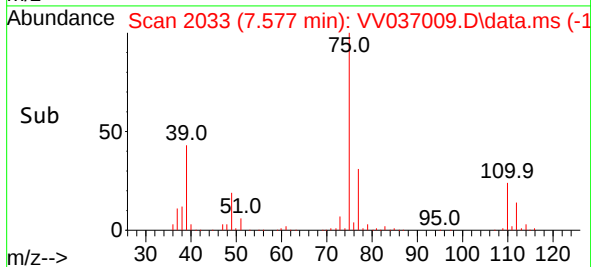
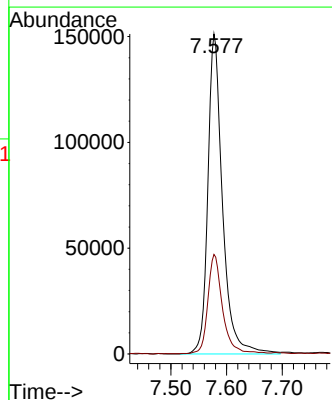
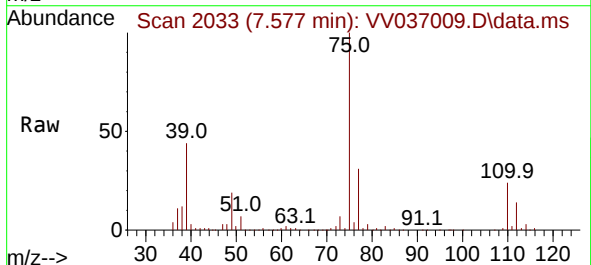
Manual Integrations
APPROVED

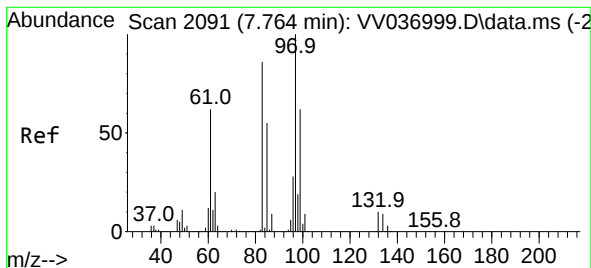
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#44
trans-1,3-Dichloropropene
Concen: 25.632 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Tgt Ion: 75 Resp: 276498
Ion Ratio Lower Upper
75 100
77 31.1 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 23.876 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV037009.D

Acq: 22 Aug 2024 15:51

Instrument :

MSVOA_V

ClientSampleId :

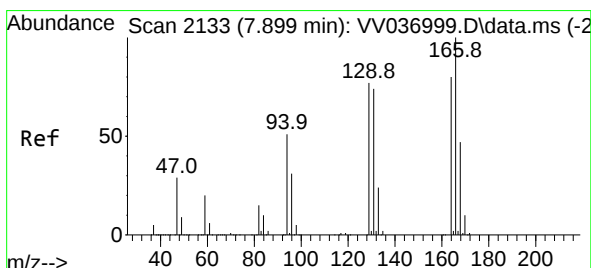
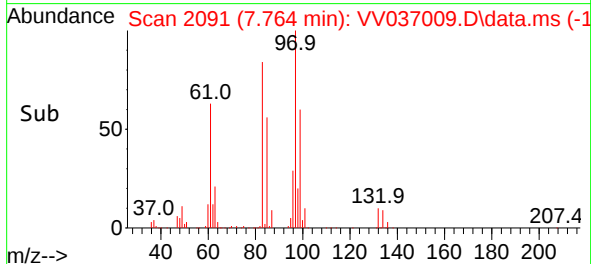
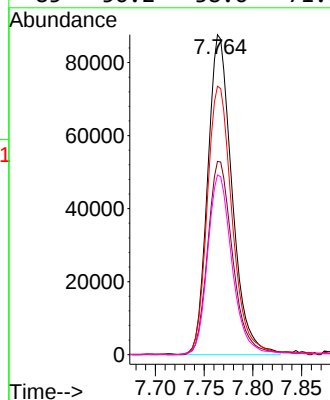
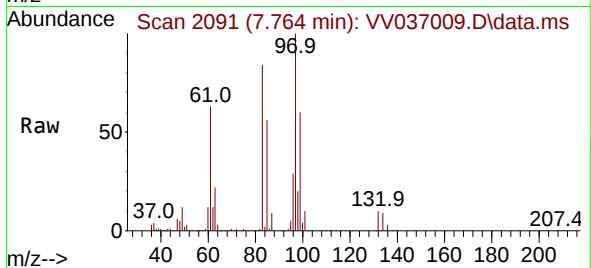
GCN87MSD

Tgt Ion:	97	Resp:	15212
Ion	Ratio	Lower	Upper
97	100		
99	60.4	43.5	80.9
83	83.9	60.3	111.9
85	56.2	38.6	71.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#46

Tetrachloroethene

Concen: 15.906 ug/L

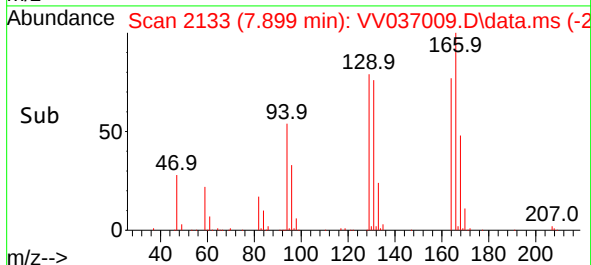
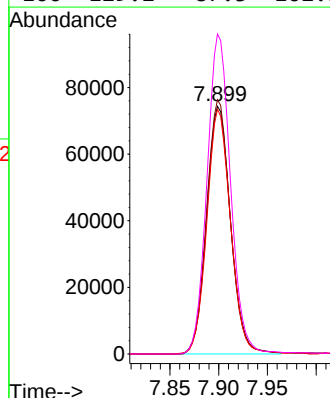
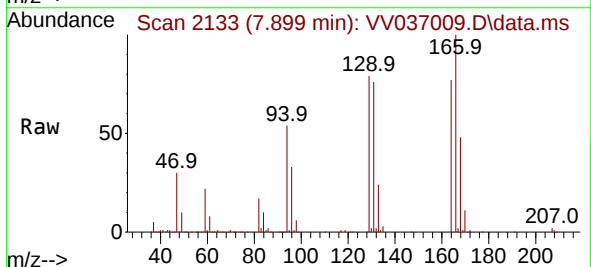
RT: 7.899 min Scan# 2133

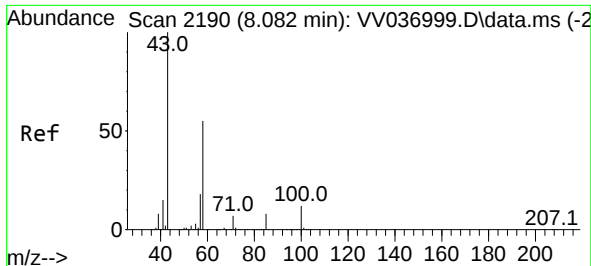
Delta R.T. 0.000 min

Lab File: VV037009.D

Acq: 22 Aug 2024 15:51

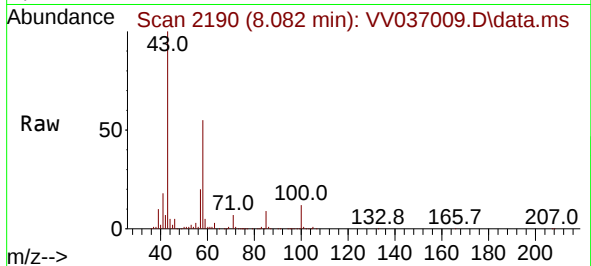
Tgt Ion:	164	Resp:	127588
Ion	Ratio	Lower	Upper
164	100		
129	102.7	67.3	124.9
131	98.8	64.8	120.3
166	129.2	87.3	162.1





#48
2-Hexanone
Concen: 46.929 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

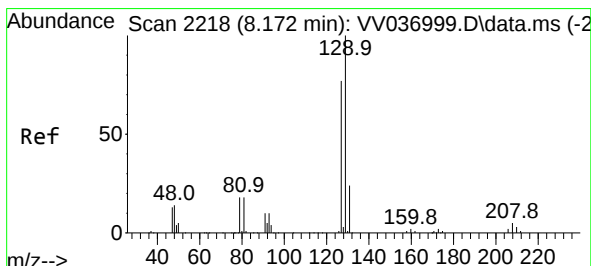
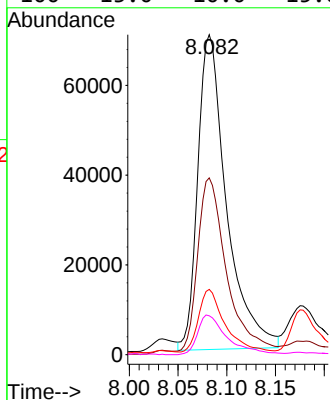
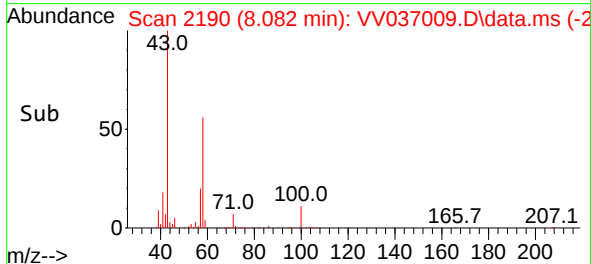
Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD



Tgt Ion: 43 Resp: 144109
Ion Ratio Lower Upper
43 100
58 54.5 47.9 71.9
57 18.4 15.1 22.7
100 13.0 10.0 15.0

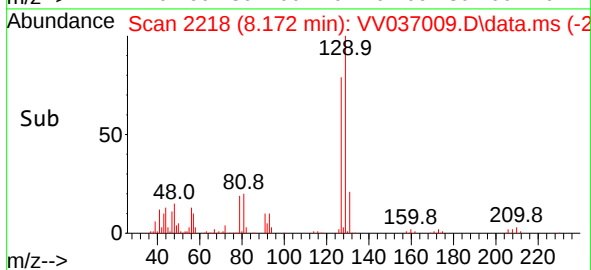
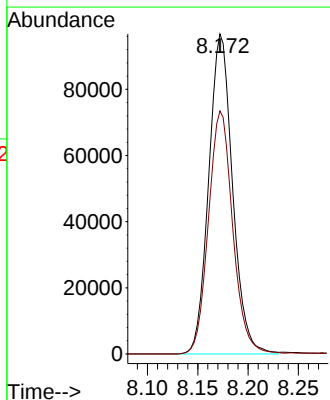
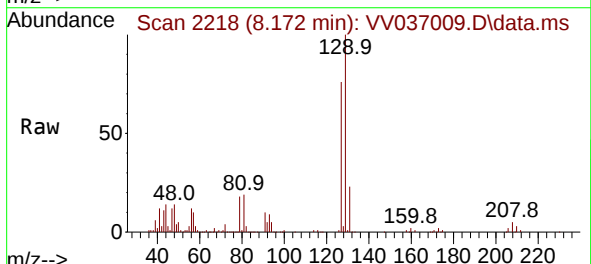
Manual Integrations
APPROVED

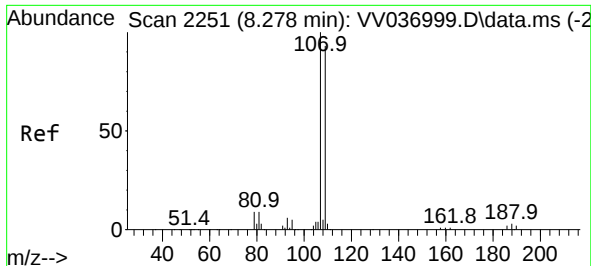
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#49
Dibromochloromethane
Concen: 22.747 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Tgt Ion:129 Resp: 159446
Ion Ratio Lower Upper
129 100
127 75.9 53.5 99.5





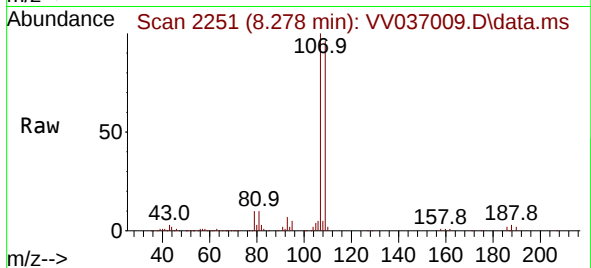
#50
1,2-Dibromoethane
Concen: 23.900 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Instrument :

MSVOA_V

ClientSampleId :

GCN87MSD

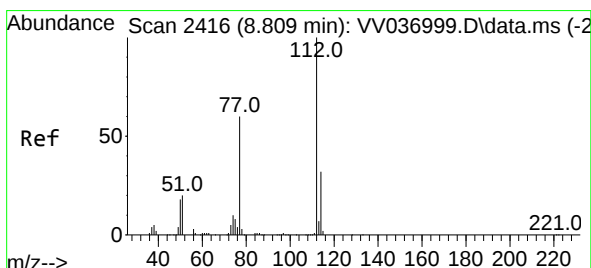
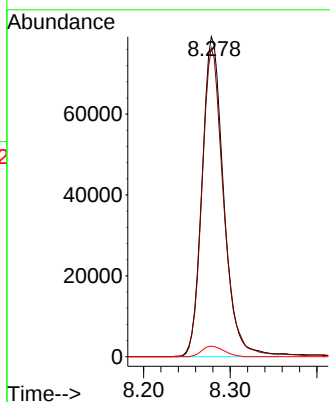
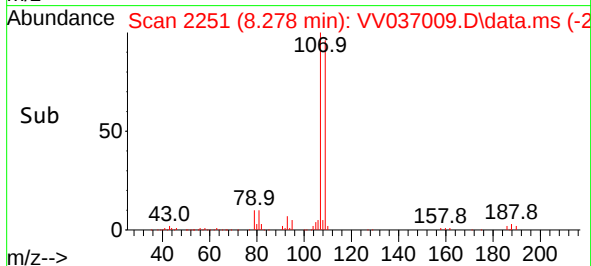


Tgt Ion:107 Resp: 137429
Ion Ratio Lower Upper
107 100
109 96.4 64.9 120.5
188 3.3 2.4 3.6

Manual Integrations

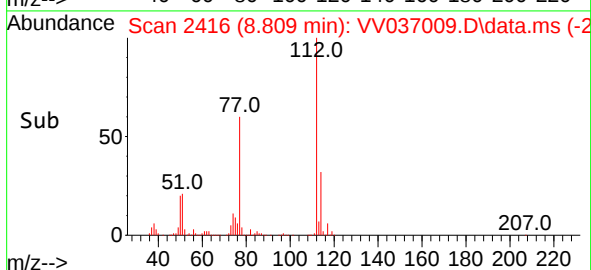
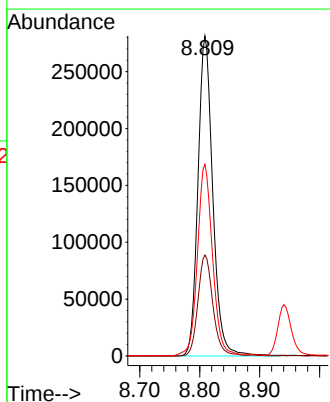
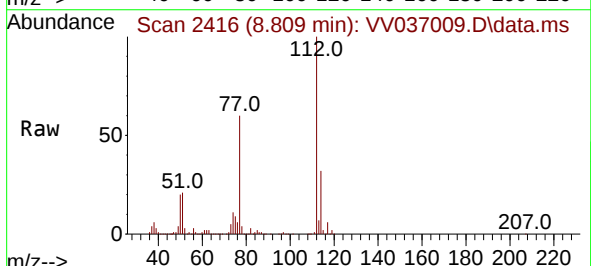
APPROVED

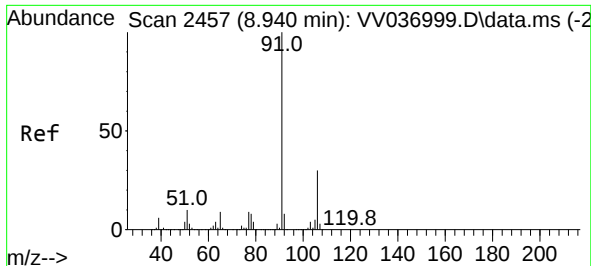
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#51
Chlorobenzene
Concen: 18.020 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Tgt Ion:112 Resp: 484517
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.3
77 59.9 48.2 72.2





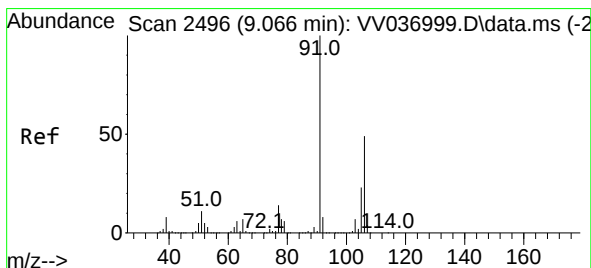
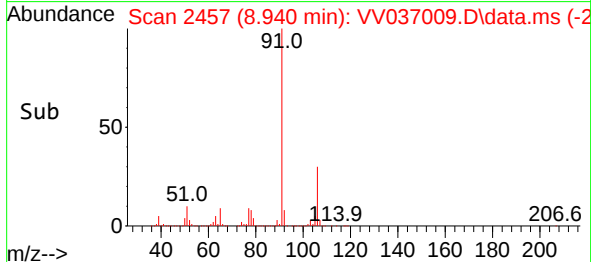
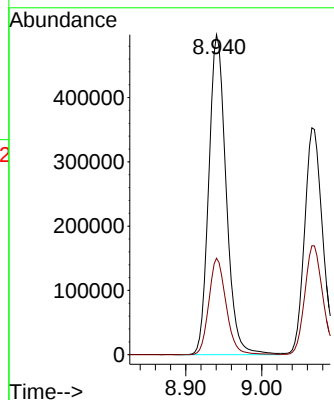
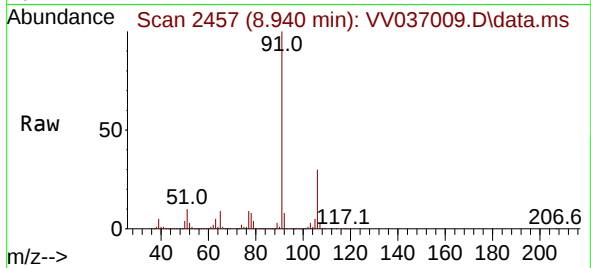
#52
Ethylbenzene
Concen: 16.619 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD

Tgt Ion: 91 Resp: 789000
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5

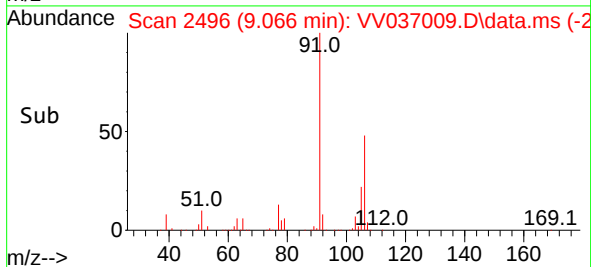
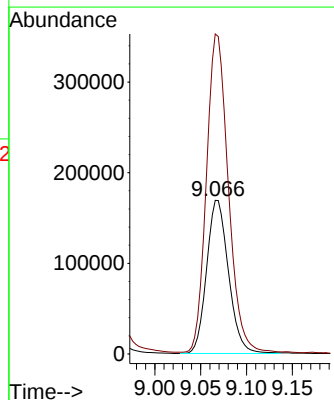
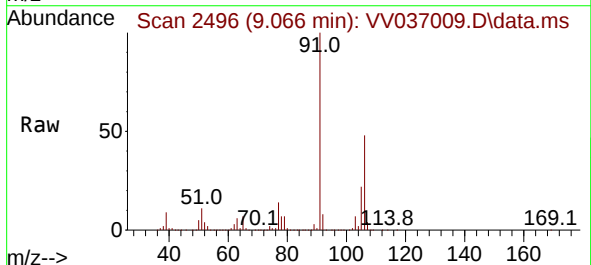
Manual Integrations
APPROVED

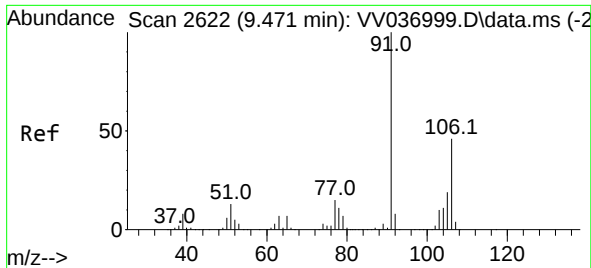
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#53
m,p-Xylene
Concen: 15.903 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Tgt Ion:106 Resp: 280522
Ion Ratio Lower Upper
106 100
91 208.3 142.4 264.4





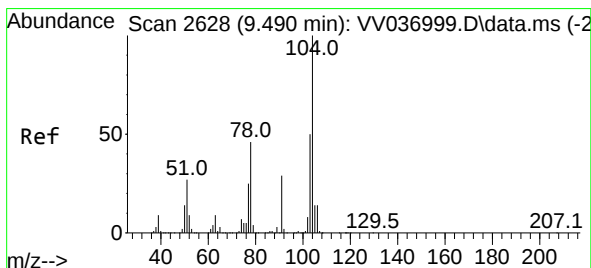
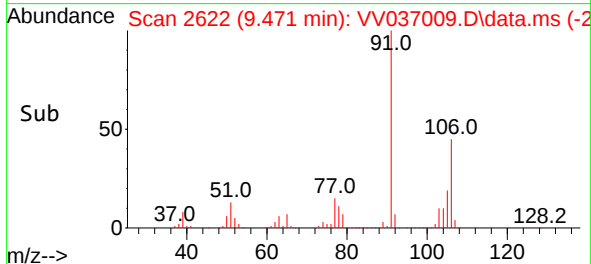
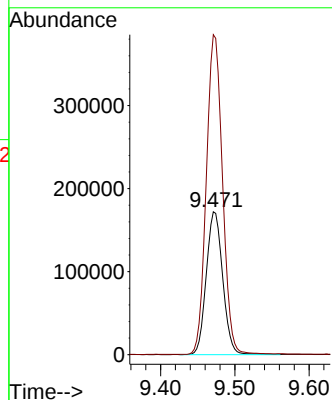
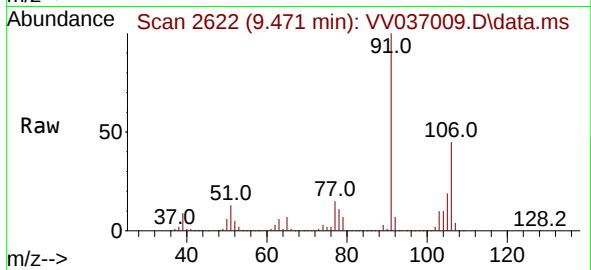
#54
o-Xylene
Concen: 15.695 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD

Tgt Ion:106 Resp: 264458
Ion Ratio Lower Upper
106 100
91 223.9 152.8 283.8

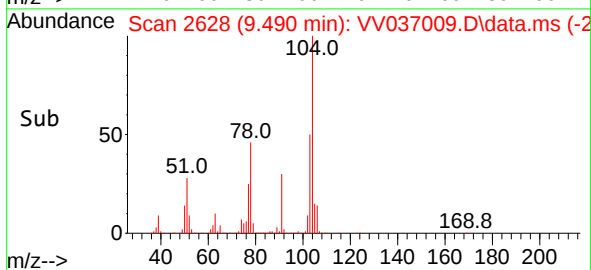
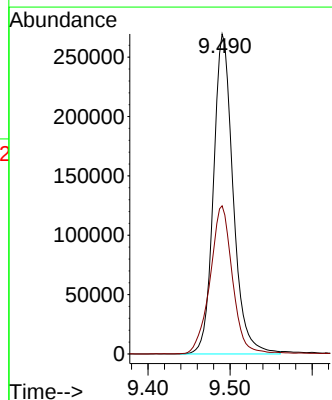
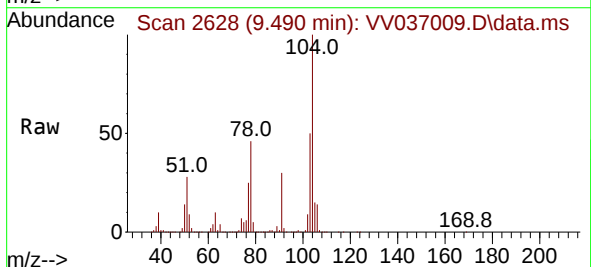
Manual Integrations
APPROVED

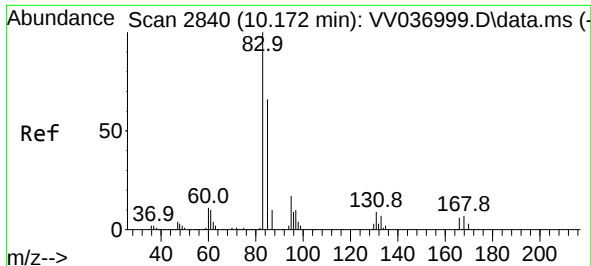
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#55
Styrene
Concen: 16.146 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

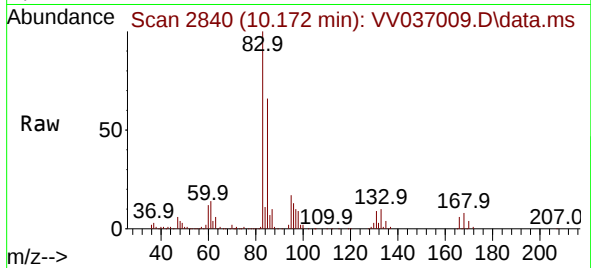
Tgt Ion:104 Resp: 449036
Ion Ratio Lower Upper
104 100
78 46.3 31.9 59.2





#57
1,1,2,2-Tetrachloroethane
Concen: 21.441 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

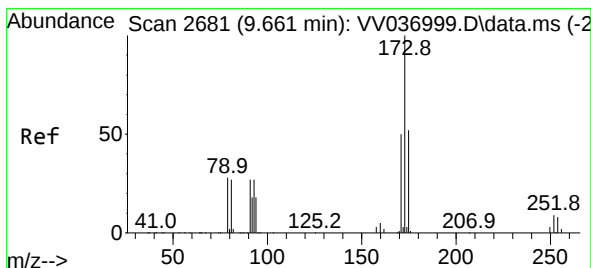
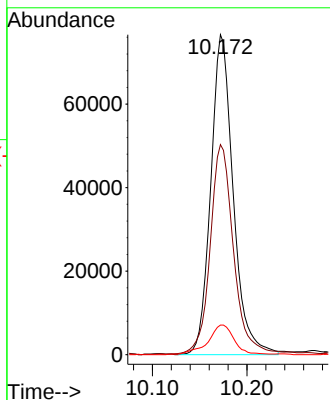
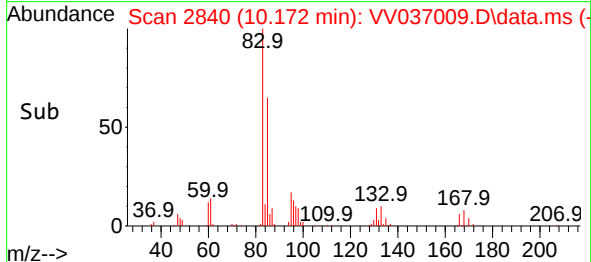
Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD



Tgt Ion: 83 Resp: 126475
Ion Ratio Lower Upper
83 100
85 65.7 46.4 86.2
131 9.2 7.6 11.4

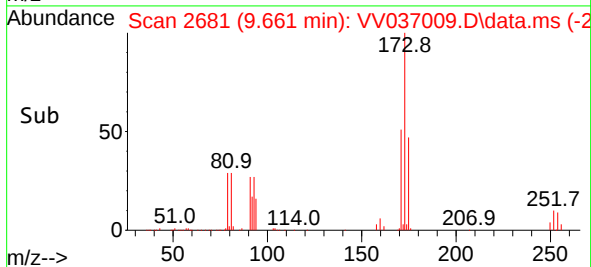
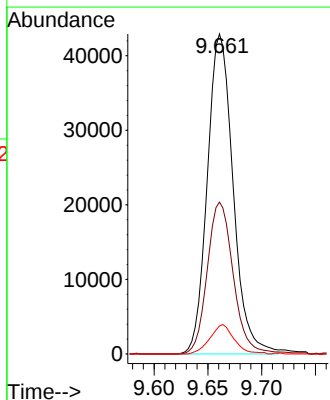
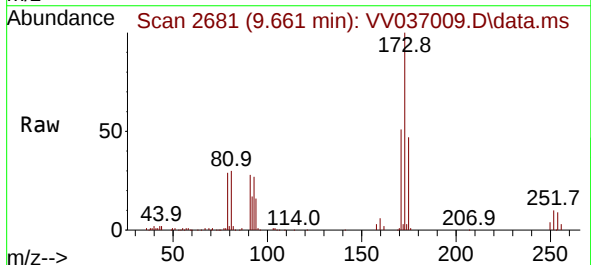
Manual Integrations
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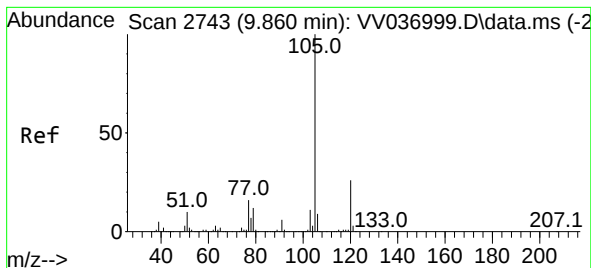
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#59
Bromoform
Concen: 38.682 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Tgt Ion:173 Resp: 71595
Ion Ratio Lower Upper
173 100
175 47.9 40.1 60.1
254 8.6 6.2 9.4





#60

Isopropylbenzene

Concen: 23.152 ug/L

RT: 9.860 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VV037009.D

Acq: 22 Aug 2024 15:51

Instrument :

MSVOA_V

ClientSampleId :

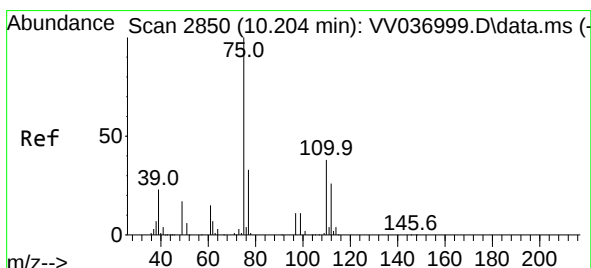
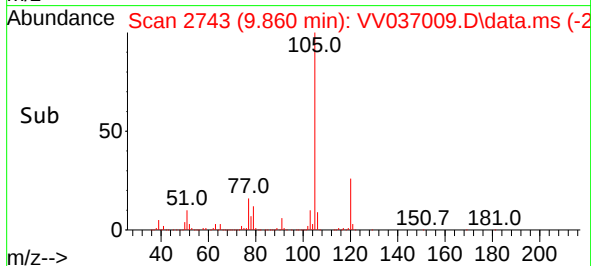
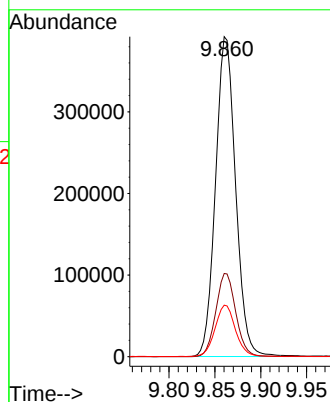
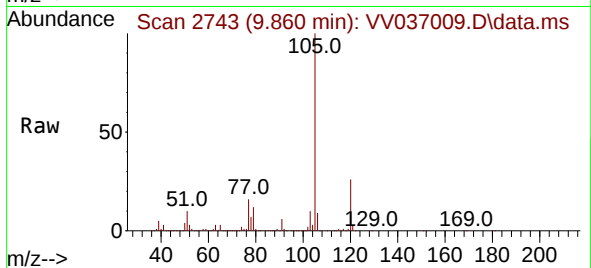
GCN87MSD

Tgt Ion:	105	Resp:	59657
Ion Ratio	Lower	Upper	
105	100		
120	25.9	20.8	31.2
77	16.3	12.6	19.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#61

1,2,3-Trichloropropane

Concen: 40.260 ug/L

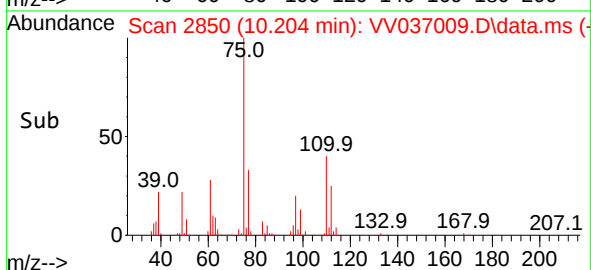
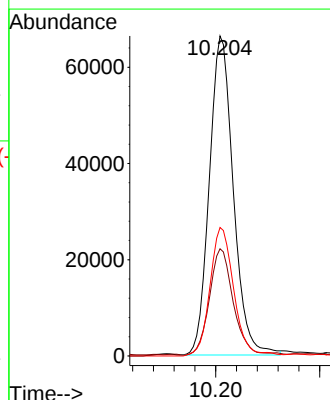
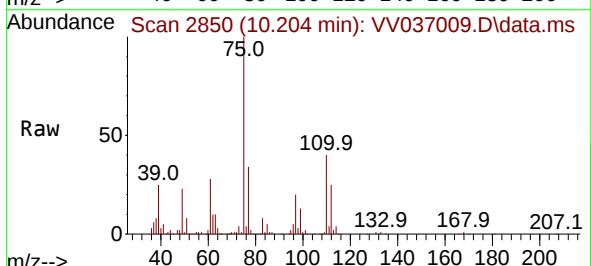
RT: 10.204 min Scan# 2850

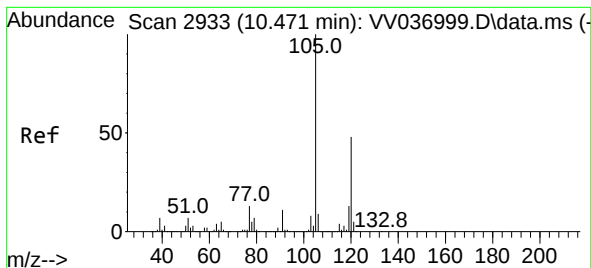
Delta R.T. 0.000 min

Lab File: VV037009.D

Acq: 22 Aug 2024 15:51

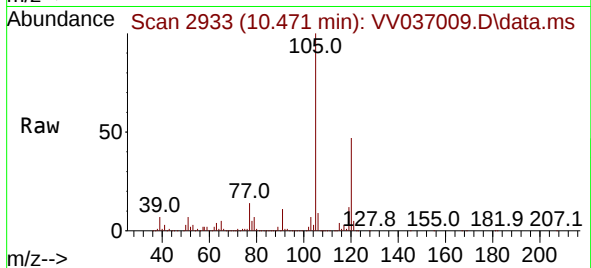
Tgt Ion:	75	Resp:	106100
Ion Ratio	Lower	Upper	
75	100		
77	32.9	25.5	38.3
110	39.4	31.0	46.4





#62
1,3,5-Trimethylbenzene
Concen: 18.585 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

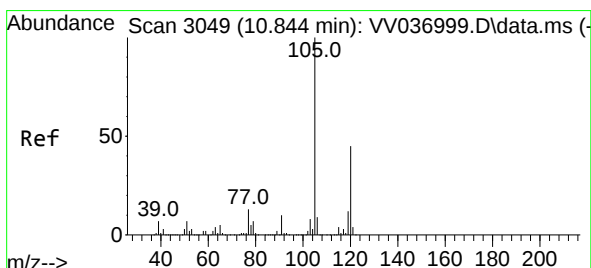
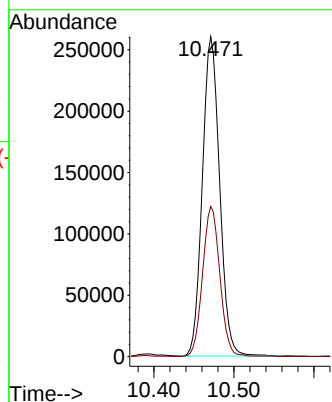
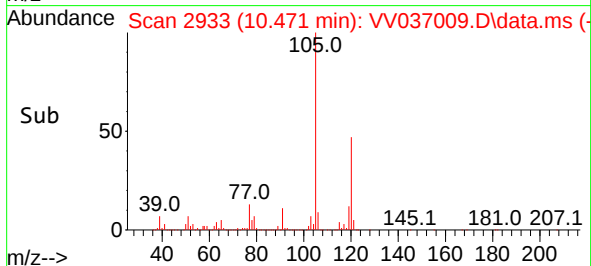
Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD



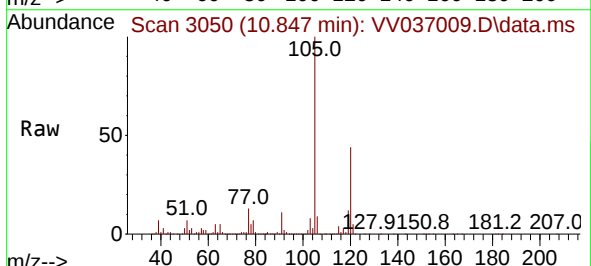
Tgt Ion:105 Resp: 392080
Ion Ratio Lower Upper
105 100
120 46.8 38.4 57.6

Manual Integrations
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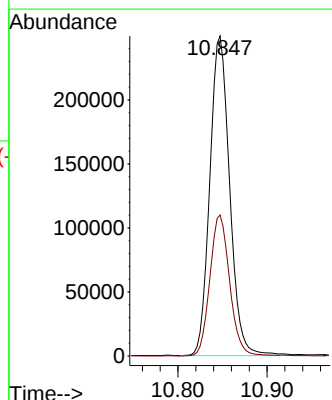
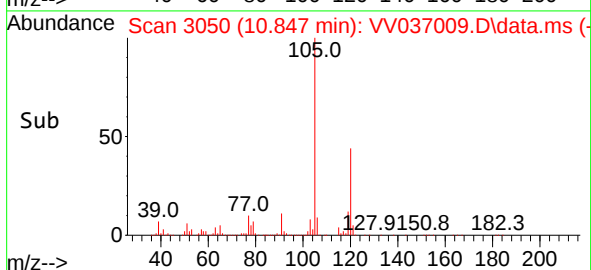
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

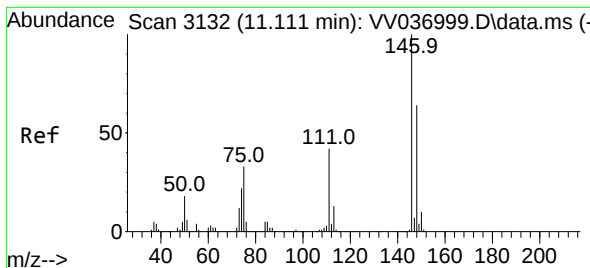


#63
1,2,4-Trimethylbenzene
Concen: 18.753 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51



Tgt Ion:105 Resp: 385616
Ion Ratio Lower Upper
105 100
120 44.0 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 18.358 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV037009.D

Acq: 22 Aug 2024 15:51

Instrument :

MSVOA_V

ClientSampleId :

GCN87MSD

Tgt Ion:146 Resp: 20216

Ion Ratio Lower Upper

146 100

111 40.1 29.5 54.9

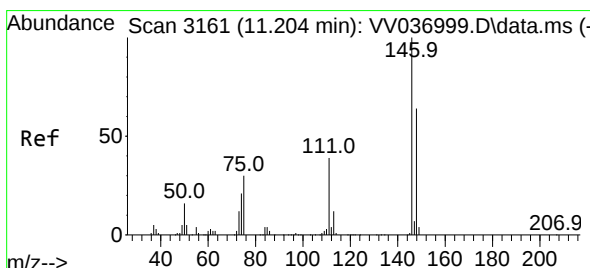
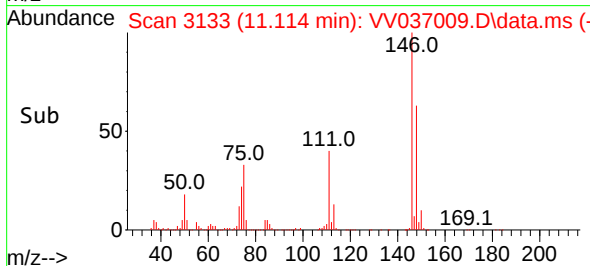
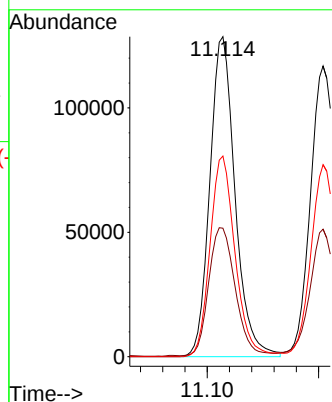
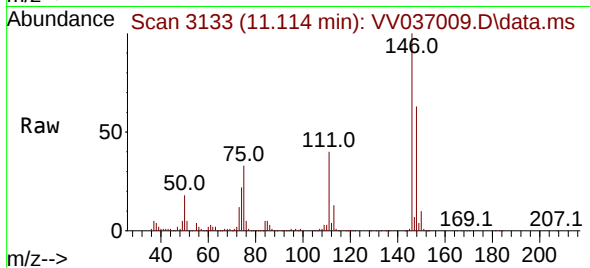
148 62.7 44.7 83.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024

Supervised By :Semsettin Yesilyurt 08/23/2024



#65

1,4-Dichlorobenzene

Concen: 17.808 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037009.D

Acq: 22 Aug 2024 15:51

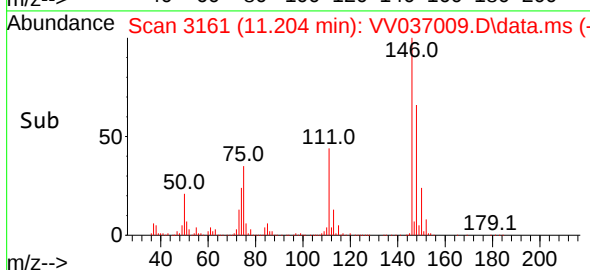
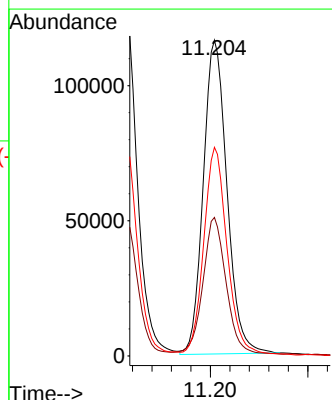
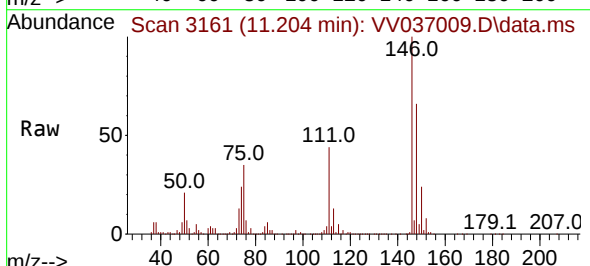
Tgt Ion:146 Resp: 195886

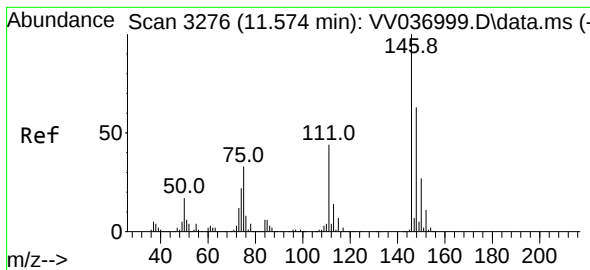
Ion Ratio Lower Upper

146 100

111 43.9 27.6 51.4

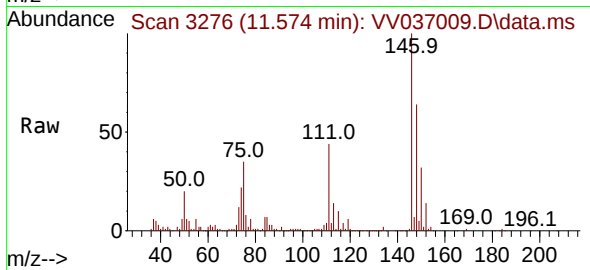
148 66.0 44.9 83.3





#67
1,2-Dichlorobenzene
Concen: 18.487 ug/L
RT: 11.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

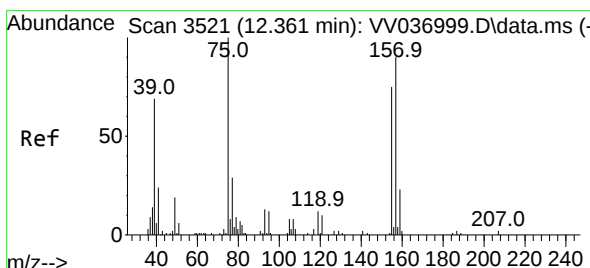
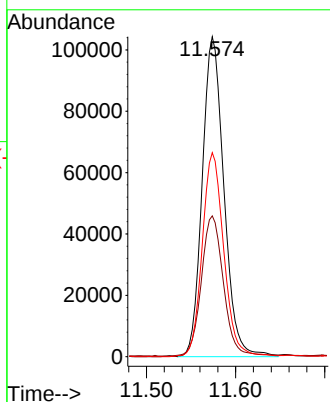
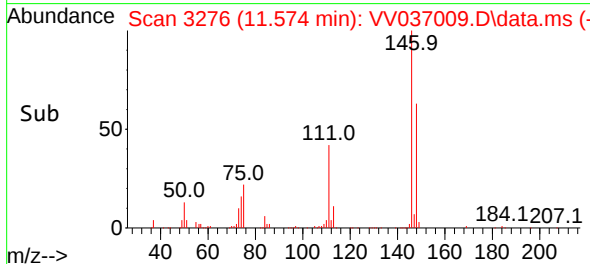
Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD



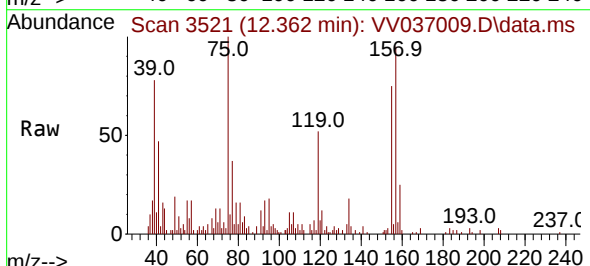
Tgt Ion:146 Resp: 17638
Ion Ratio Lower Upper
146 100
111 44.0 35.4 53.0
148 63.8 50.8 76.2

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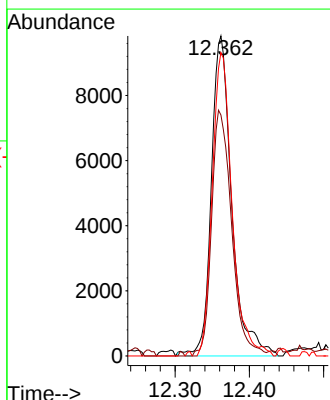
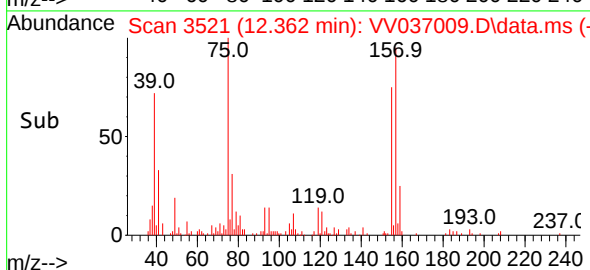
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

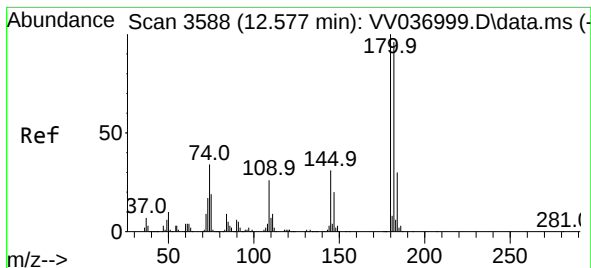


#68
1,2-Dibromo-3-chloropropane
Concen: 36.404 ug/L
RT: 12.362 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51



Tgt Ion: 75 Resp: 18748
Ion Ratio Lower Upper
75 100
155 75.3 59.9 89.9
157 94.8 72.2 108.2





#69

1,3,5-Trichlorobenzene

Concen: 8.422 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

Lab File: VV037009.D

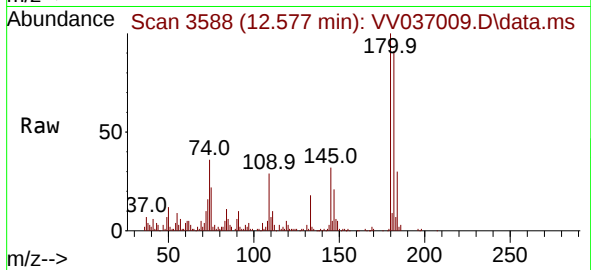
Acq: 22 Aug 2024 15:51

Instrument :

MSVOA_V

ClientSampleId :

GCN87MSD



Tgt Ion:180 Resp: 64632

Ion Ratio Lower Upper

180 100

182 92.8 76.4 114.6

184 30.6 24.2 36.4

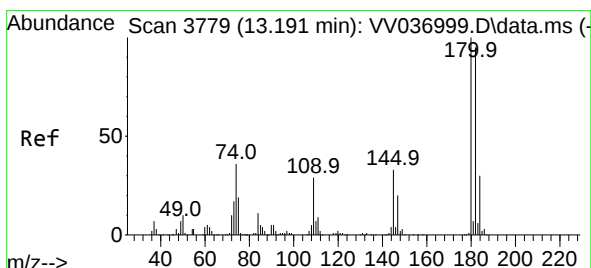
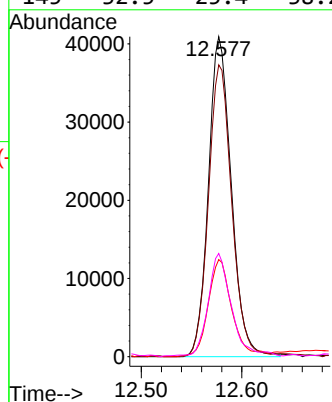
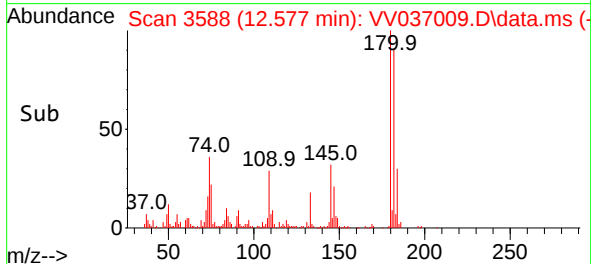
145 32.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024

Supervised By :Semsettin Yesilyurt 08/23/2024



#70

1,2,4-trichlorobenzene

Concen: 8.414 ug/L m

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV037009.D

Acq: 22 Aug 2024 15:51

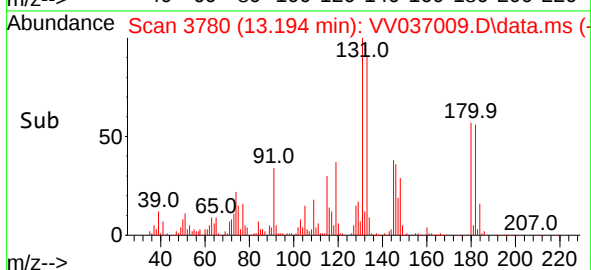
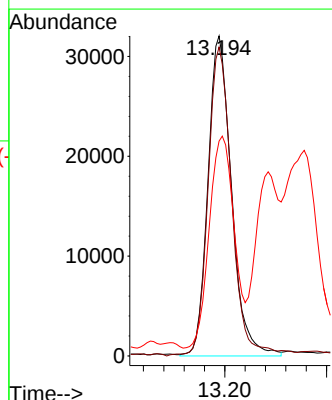
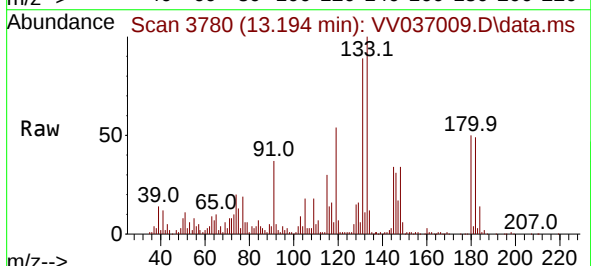
Tgt Ion:180 Resp: 51672

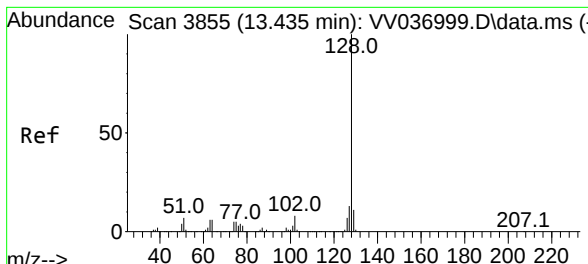
Ion Ratio Lower Upper

180 100

182 0.2 76.0 114.0#

145 0.1 25.8 38.6#

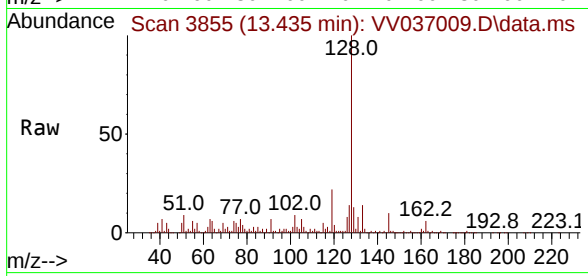




#71
Naphthalene
Concen: 19.312 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Instrument :

MSVOA_V
ClientSampleId :
GCN87MSD

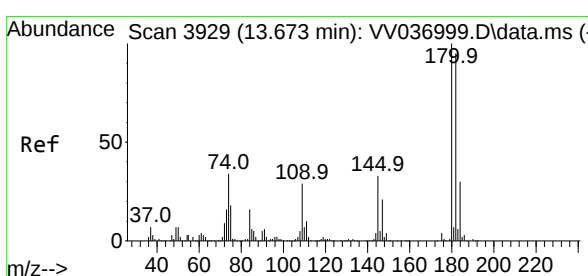
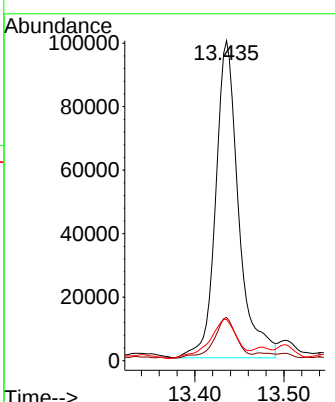


Tgt Ion:128 Resp: 178669

Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.2	15.4
129	14.9	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#72
1,2,3-Trichlorobenzene
Concen: 7.729 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV037009.D
Acq: 22 Aug 2024 15:51

Tgt Ion:180 Resp: 39303

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.4
145	0.0	26.6	40.0

