

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062614.D
 Acq On : 27 Dec 2024 13:49
 Operator : MD/SY
 Sample : MDL01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Quant Time: Dec 27 21:58:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 21:56:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024
 Supervised By :Semsettin Yesilyurt 12/30/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	105566	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97037	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49647	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24398	3.426	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.904	69	19995	3.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.557	65	12216	3.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.621	46	59870	43.873	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.740%
24) Chloroform-d	5.052	84	64021	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.689	65	37271	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.714	84	114821	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.679	67	32248	4.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.888	98	110749	4.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.171	79	16232	4.612	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.624	63	54818	51.622	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27031	4.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	42405	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	1658	0.168	ug/L	96
3) Chloromethane	1.515	50	1476	0.190	ug/L	91
5) Vinyl chloride	1.599	62	1702	0.211	ug/L	84
6) Bromomethane	1.853	94	1067	0.198	ug/L	94
8) Chloroethane	1.923	64	814	0.180	ug/L	91
9) Trichlorofluoromethane	2.132	101	3224	0.230	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	1882	0.247	ug/L #	87
12) 1,1-Dichloroethene	2.573	96	1692	0.237	ug/L #	1
14) Carbon disulfide	2.785	76	3706	0.164	ug/L	97
16) Methylene chloride	3.036	84	1847	0.247	ug/L	76
17) Methyl tert-butyl Ether	3.361	73	4316	0.243	ug/L #	63
18) trans-1,2-Dichloroethene	3.351	96	1521	0.208	ug/L	78
19) 1,1-Dichloroethane	3.859	63	2805	0.209	ug/L #	95
22) cis-1,2-Dichloroethene	4.650	96	1514	0.184	ug/L	80
23) Bromochloromethane	4.968	128	858m	0.238	ug/L	
25) Chloroform	5.078	83	3791	0.251	ug/L	91
27) 1,2-Dichloroethane	5.791	62	2385	0.248	ug/L #	75
30) Cyclohexane	5.373	56	2004	0.181	ug/L	91
31) Carbon tetrachloride	5.521	117	2821	0.225	ug/L	99

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

33) Benzene	5.772	78	6650	0.221	ug/L	100
34) Trichloroethene	6.541	95	3223	0.378	ug/L	87
35) Methylcyclohexane	6.753	83	2417	0.191	ug/L	87
37) 1,2-Dichloropropane	6.785	63	1498	0.205	ug/L #	87
38) Bromodichloromethane	7.097	83	2337	0.226	ug/L	95
39) cis-1,3-Dichloropropene	7.598	75	2491	0.212	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	7044	2.052	ug/L #	84
42) Toluene	7.965	91	6991	0.216	ug/L	94
44) trans-1,3-Dichloropropene	8.203	75	2990m	0.312	ug/L	
45) 1,1,2-Trichloroethane	8.396	97	1211	0.219	ug/L	95
49) Dibromochloromethane	8.798	129	1722	0.258	ug/L	87
50) 1,2-Dibromoethane	8.913	107	1243	0.234	ug/L #	79
51) Chlorobenzene	9.441	112	4281	0.206	ug/L	91
52) Ethylbenzene	9.563	91	8057	0.222	ug/L	97
53) m,p-Xylene	9.688	106	2922	0.218	ug/L	95
54) o-Xylene	10.097	106	2927	0.224	ug/L	92
55) Styrene	10.116	104	4085	0.190	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.772	83	1562	0.243	ug/L #	85
59) Bromoform	10.286	173	815	0.209	ug/L #	82
60) Isopropylbenzene	10.476	105	8054	0.225	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	1200	0.261	ug/L #	78
62) 1,3,5-Trimethylbenzene	11.084	105	6328	0.208	ug/L	94
63) 1,2,4-Trimethylbenzene	11.463	105	5974	0.201	ug/L	94
64) 1,3-Dichlorobenzene	11.740	146	3537	0.215	ug/L	92
65) 1,4-Dichlorobenzene	11.830	146	3800	0.229	ug/L	86
67) 1,2-Dichlorobenzene	12.203	146	3761	0.247	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.994	75	75m	0.075	ug/L	
69) 1,3,5-Trichlorobenzene	13.222	180	2733	0.223	ug/L	92
70) 1,2,4-trichlorobenzene	13.849	180	2190	0.226	ug/L	97
71) Naphthalene	14.103	128	3382m	0.233	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	1976	0.232	ug/L #	89

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

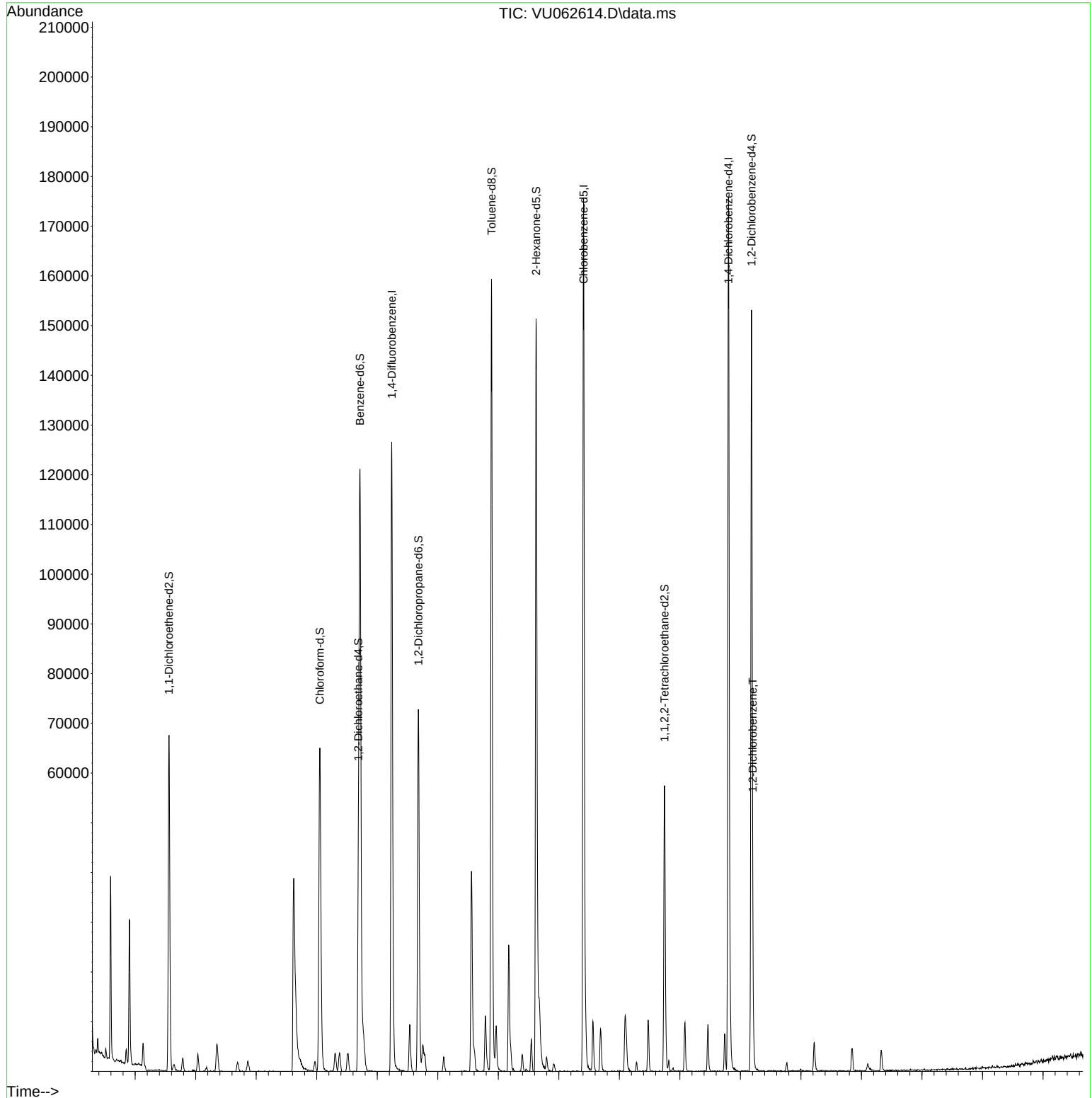
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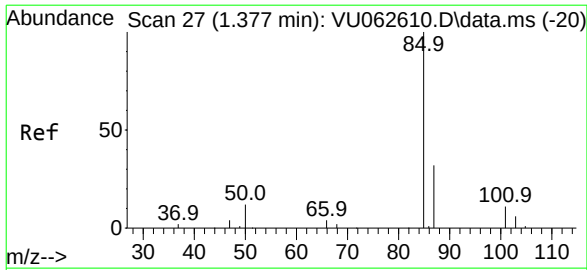
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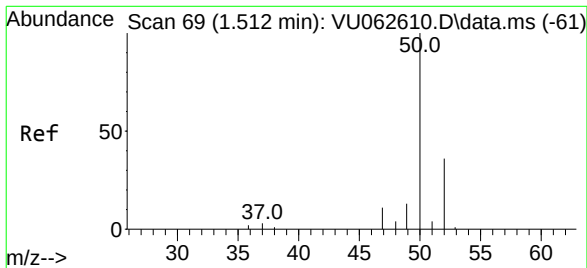
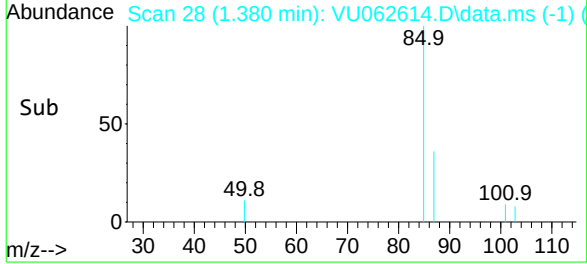
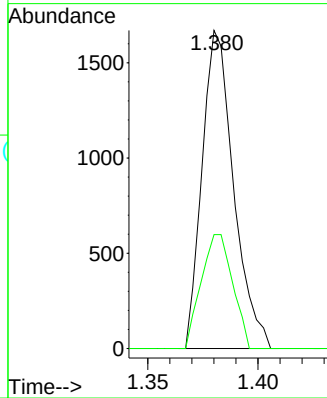
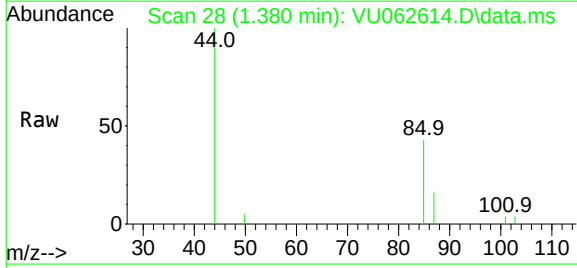
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Dichlorodifluoromethane
Concen: 0.168 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 85 Resp: 1658
Ion Ratio Lower Upper
85 100
87 35.6 26.6 40.0

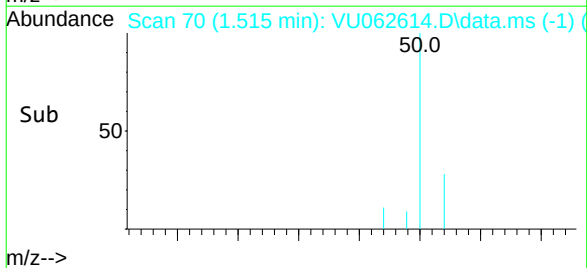
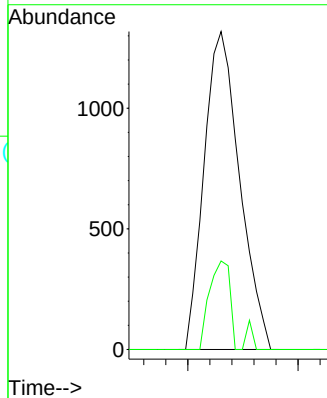
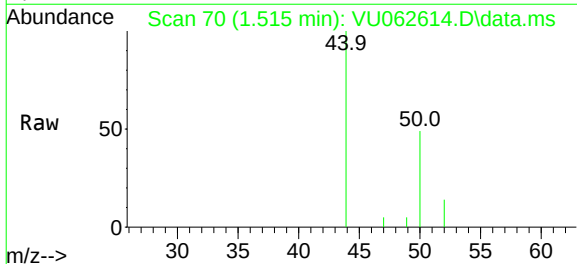
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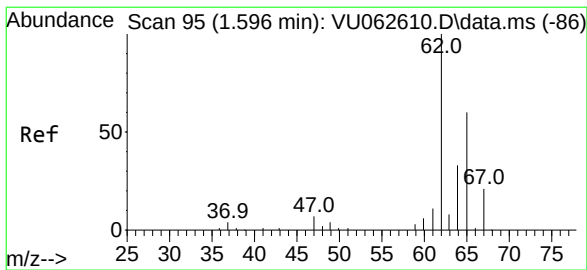
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Supervised By :Semsettin Yesilyurt 12/30/2024



#3
Chloromethane
Concen: 0.190 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion: 50 Resp: 1476
Ion Ratio Lower Upper
50 100
52 27.8 23.1 42.9





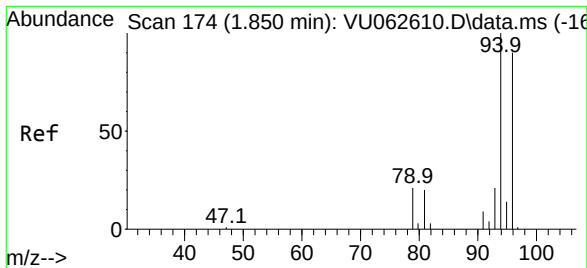
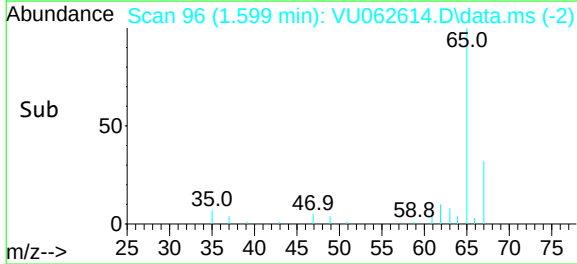
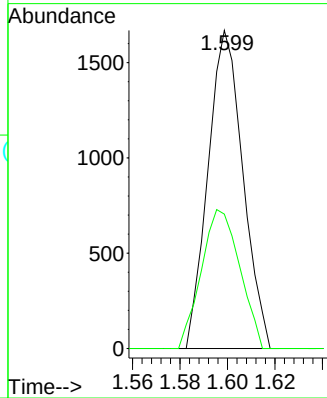
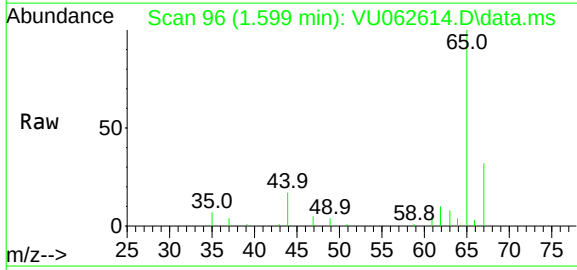
#5
 Vinyl chloride
 Concen: 0.211 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.003 min
 Lab File: VU062614.D
 Acq: 27 Dec 2024 13:49

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Tgt Ion: 62 Resp: 1702
 Ion Ratio Lower Upper
 62 100
 64 42.2 23.1 42.9

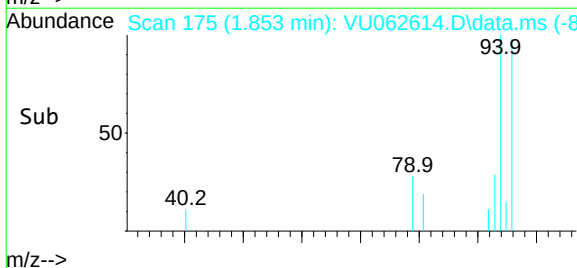
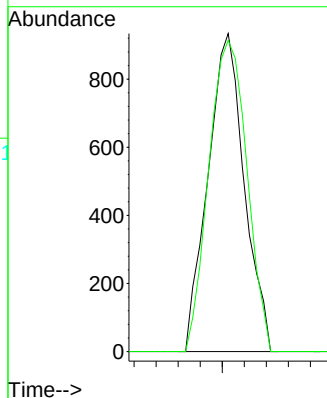
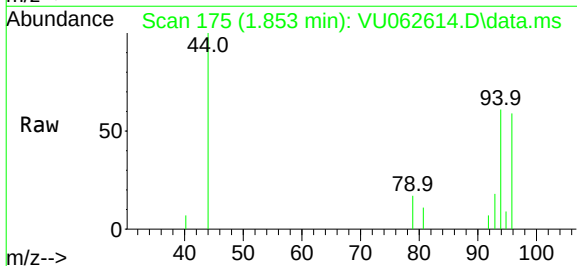
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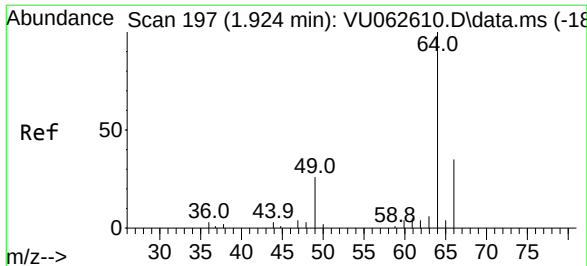
Reviewed By :Mahesh Dadoda 12/30/2024
 Supervised By :Semsettin Yesilyurt 12/30/2024



#6
 Bromomethane
 Concen: 0.198 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.003 min
 Lab File: VU062614.D
 Acq: 27 Dec 2024 13:49

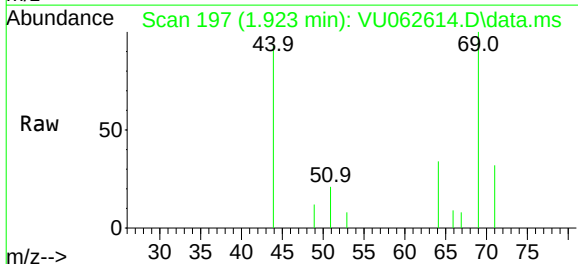
Tgt Ion: 94 Resp: 1067
 Ion Ratio Lower Upper
 94 100
 96 97.9 64.5 119.9





#8
Chloroethane
Concen: 0.180 ug/L
RT: 1.923 min Scan# 19
Delta R.T. -0.000 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

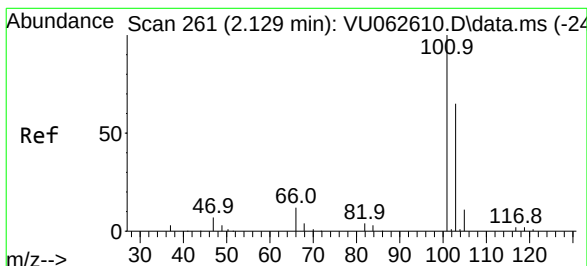
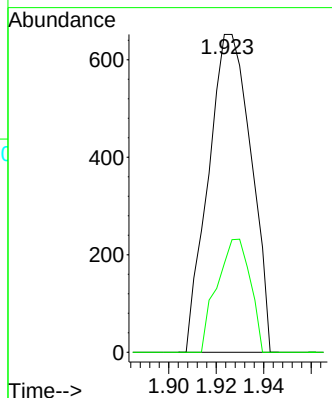
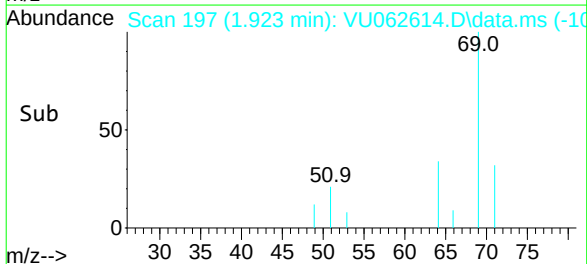
Instrument :
MSVOA_U
ClientSampleId :
MDL01



Tgt Ion: 64 Resp: 814
Ion Ratio Lower Upper
64 100
66 27.9 23.2 43.2

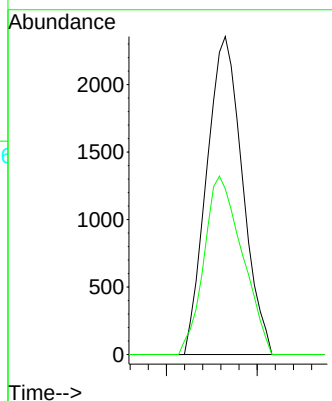
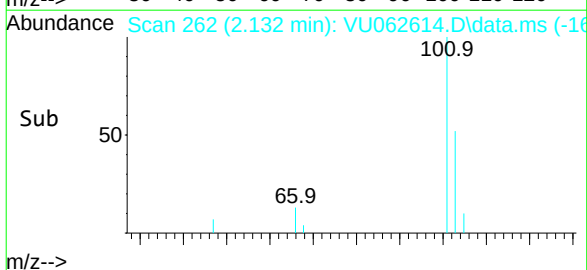
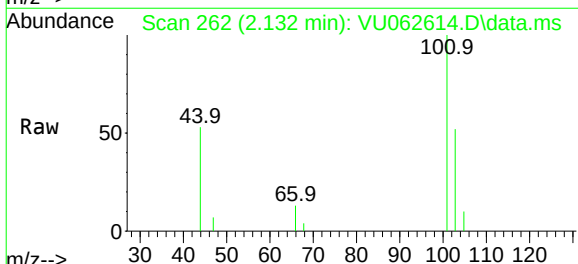
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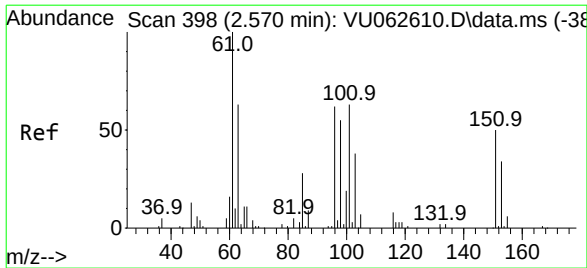
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#9
Trichlorofluoromethane
Concen: 0.230 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion:101 Resp: 3224
Ion Ratio Lower Upper
101 100
103 60.0 50.6 75.8





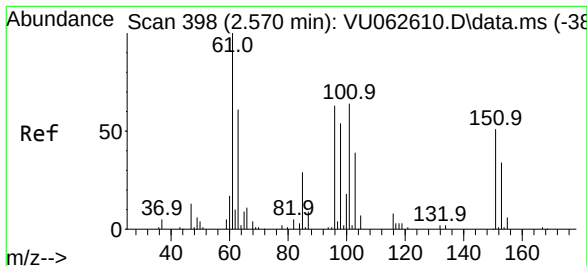
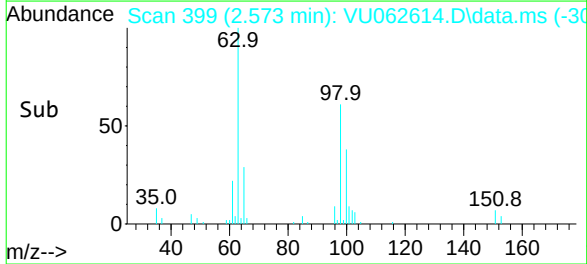
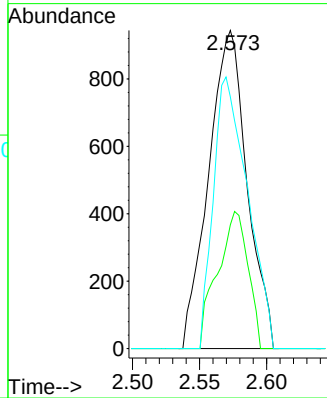
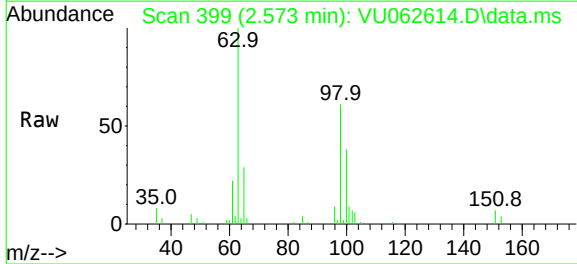
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.247 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 101 Resp: 1882
Ion Ratio Lower Upper
101 100
85 34.1 38.0 57.0#
151 75.9 55.3 82.9

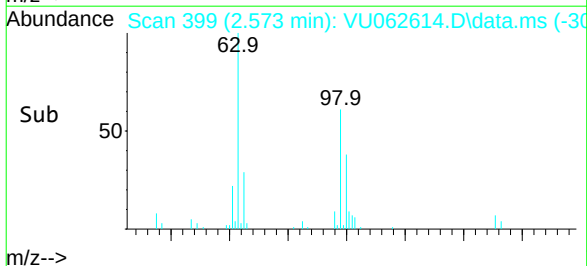
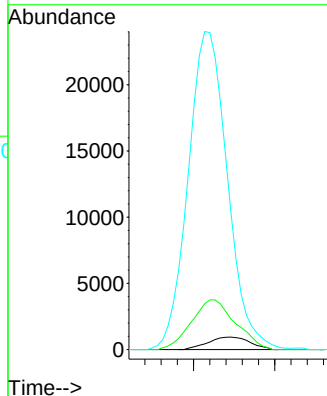
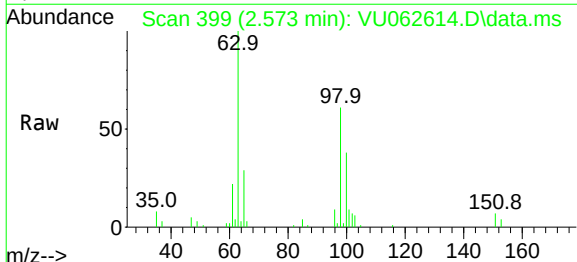
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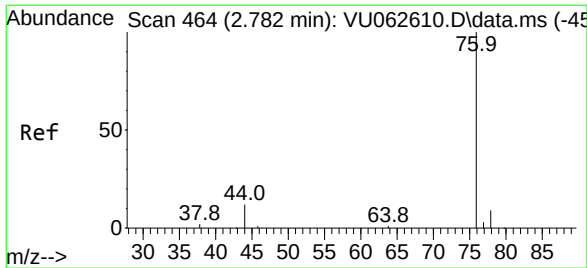
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#12
1,1-Dichloroethene
Concen: 0.237 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

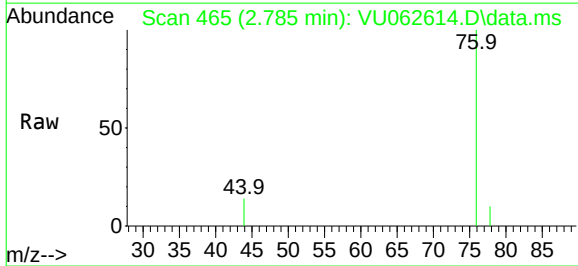
Tgt Ion: 96 Resp: 1692
Ion Ratio Lower Upper
96 100
61 246.1 119.6 222.2#
63 1109.1 65.0 120.6#





#14
Carbon disulfide
Concen: 0.164 ug/L
RT: 2.785 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

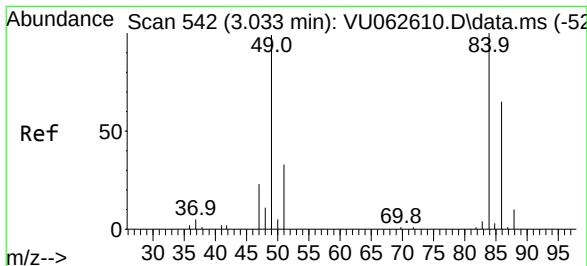
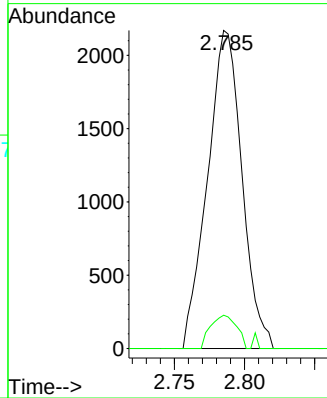
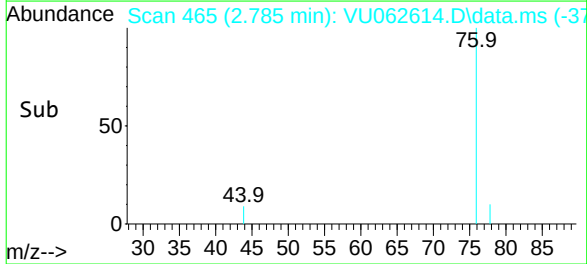
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Tgt Ion: 76 Resp: 3706
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3

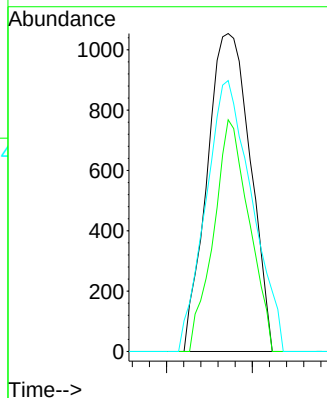
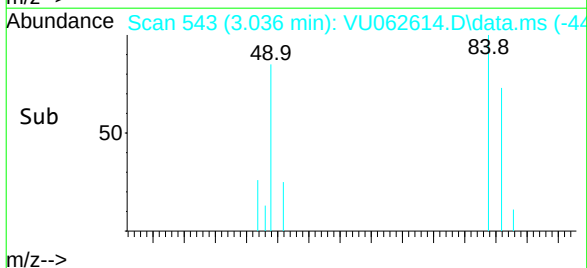
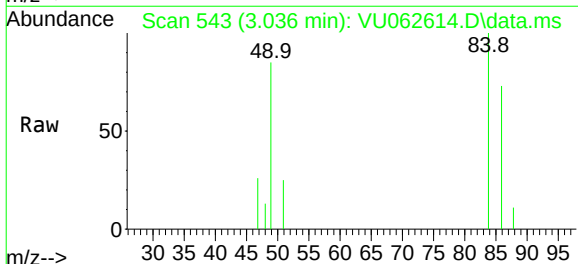
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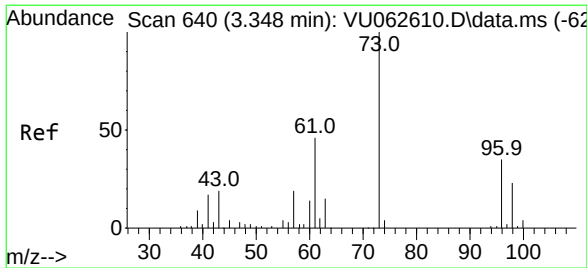
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#16
Methylene chloride
Concen: 0.247 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion: 84 Resp: 1847
Ion Ratio Lower Upper
84 100
86 72.9 43.5 80.7
49 85.2 81.9 152.1





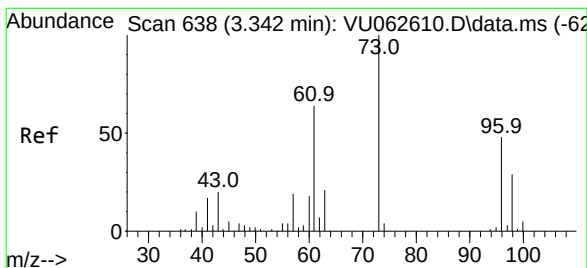
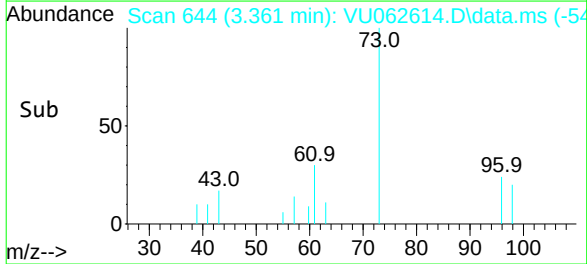
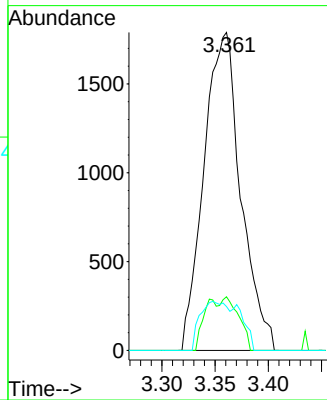
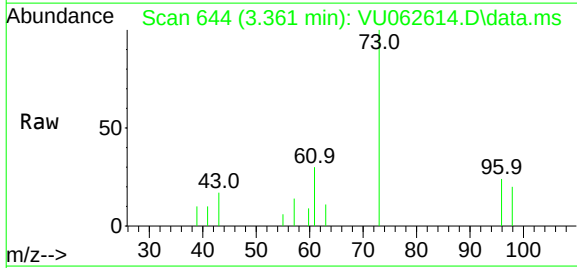
#17
Methyl tert-butyl Ether
Concen: 0.243 ug/L
RT: 3.361 min Scan# 640
Delta R.T. 0.013 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 73	Resp: 4316
Ion Ratio	Lower Upper
73 100	
43 7.8	16.3 24.5
57 0.0	17.1 25.7

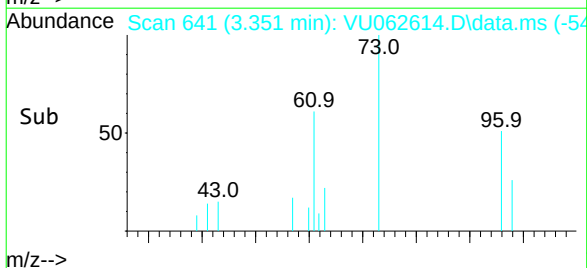
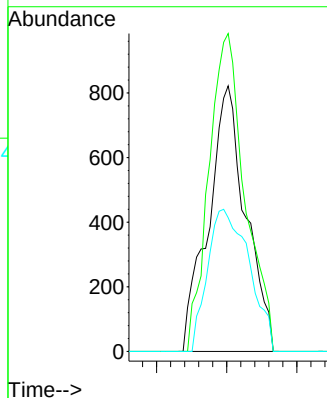
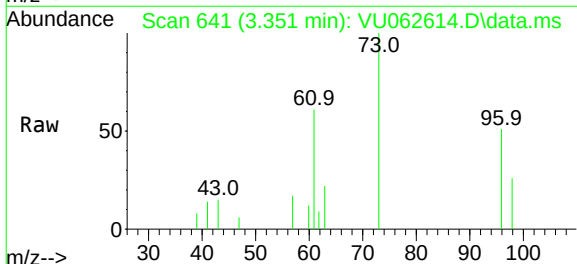
Manual Integrations
APPROVED

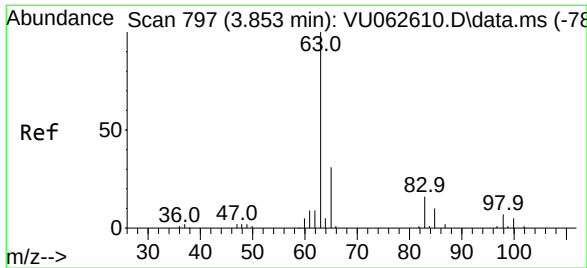
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#18
trans-1,2-Dichloroethene
Concen: 0.208 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.009 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion: 96	Resp: 1521
Ion Ratio	Lower Upper
96 100	
61 119.7	104.2 193.4
98 50.4	45.7 84.9





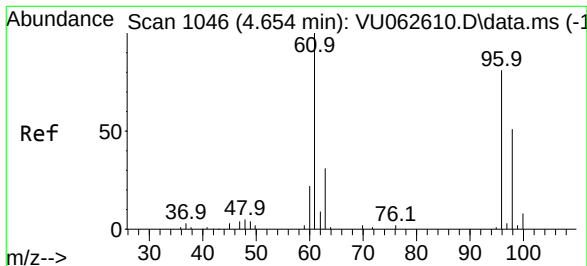
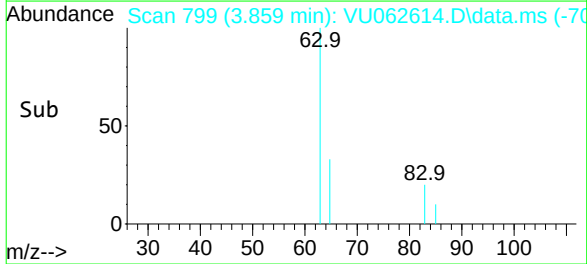
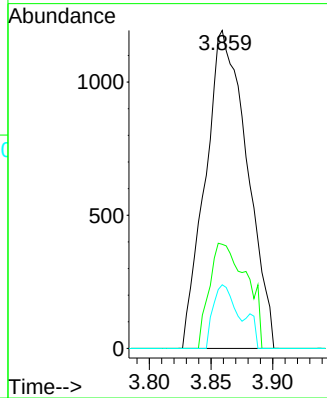
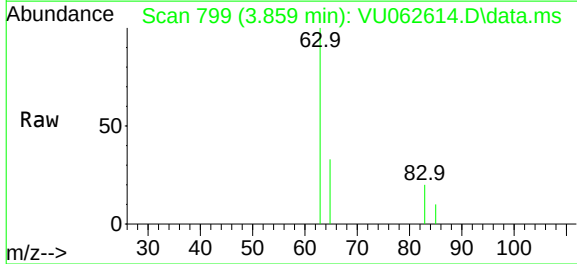
#19
1,1-Dichloroethane
Concen: 0.209 ug/L
RT: 3.859 min Scan# 797
Delta R.T. 0.006 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 63	Resp: 2805
Ion Ratio	Lower Upper
63 100	
65 32.7	22.7 42.3
83 20.0	9.9 18.3

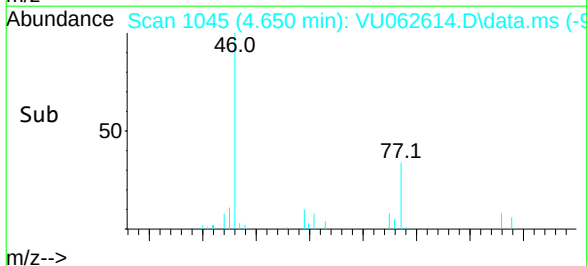
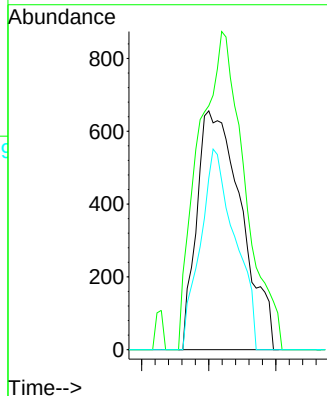
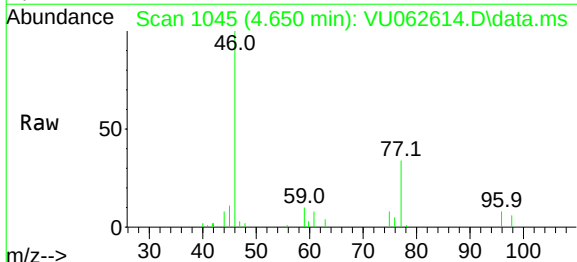
Manual Integrations
APPROVED

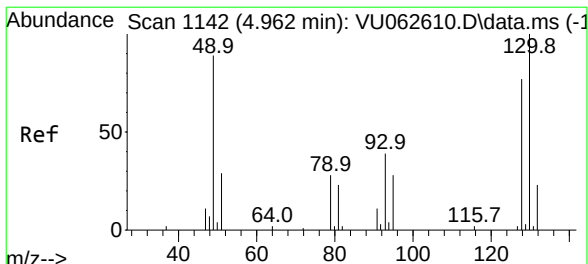
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#22
cis-1,2-Dichloroethene
Concen: 0.184 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

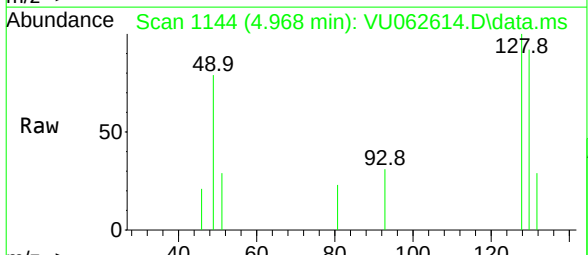
Tgt Ion: 96	Resp: 1514
Ion Ratio	Lower Upper
96 100	
61 102.1	92.0 170.8
98 71.8	44.5 82.7





#23
 Bromochloromethane
 Concen: 0.238 ug/L m
 RT: 4.968 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VU062614.D
 Acq: 27 Dec 2024 13:49

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

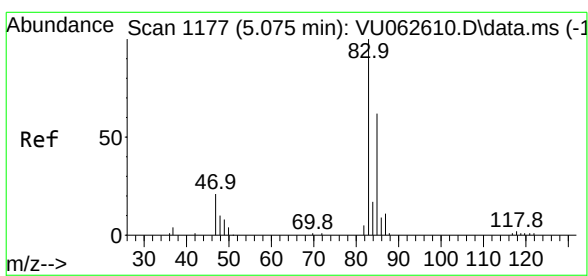
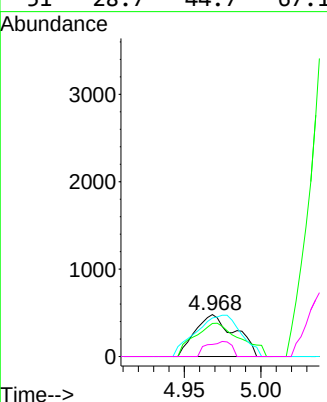
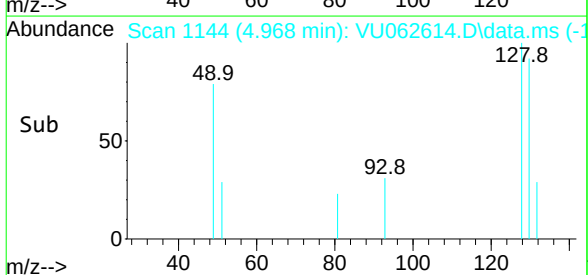


Tgt Ion: 128 Resp: 858

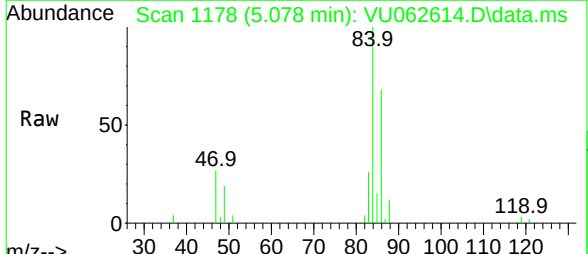
Ion	Ratio	Lower	Upper
128	100		
49	78.8	115.3	214.1#
130	91.9	92.0	170.8#
51	28.7	44.7	67.1#

Manual Integrations
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Reviewed By :Mahesh Dadoda 12/30/2024
 Supervised By :Semsettin Yesilyurt 12/30/2024

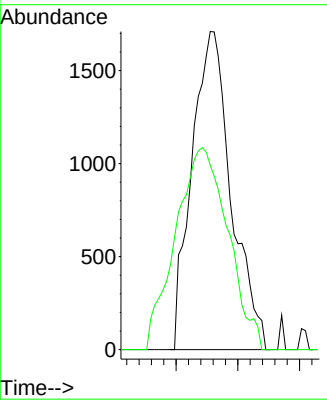
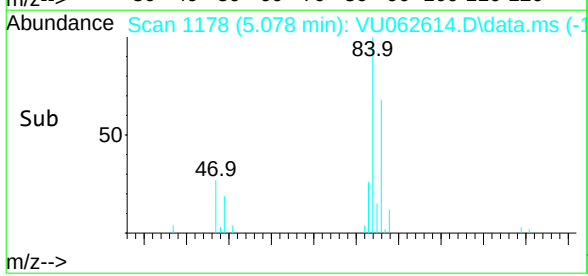


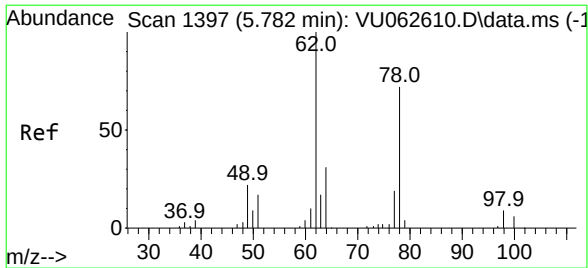
#25
 Chloroform
 Concen: 0.251 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. 0.003 min
 Lab File: VU062614.D
 Acq: 27 Dec 2024 13:49



Tgt Ion: 83 Resp: 3791

Ion	Ratio	Lower	Upper
83	100		
85	58.0	45.4	84.2





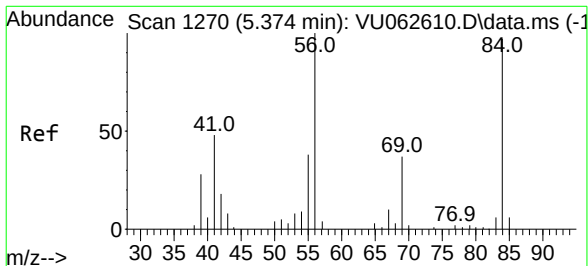
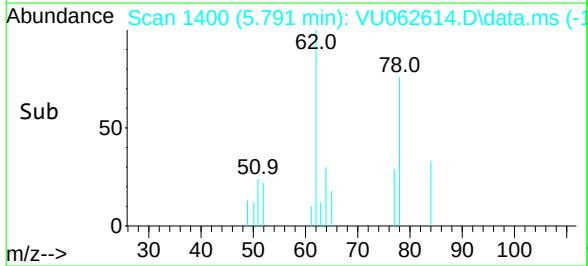
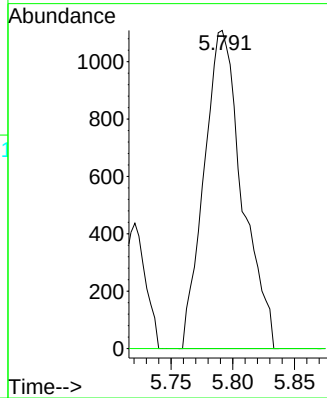
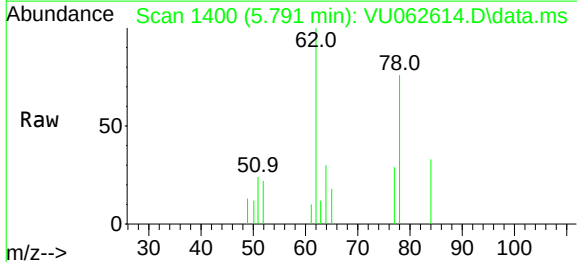
#27
1,2-Dichloroethane
Concen: 0.248 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. 0.009 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 62 Resp: 2385
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

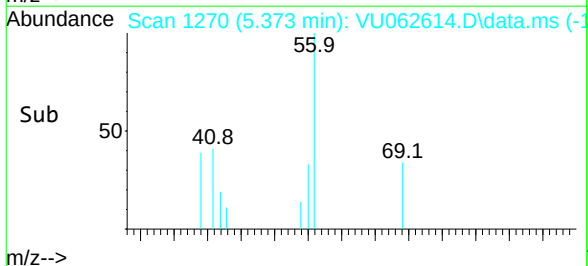
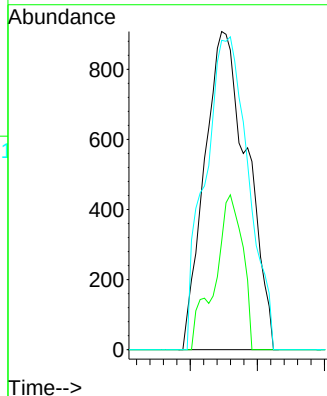
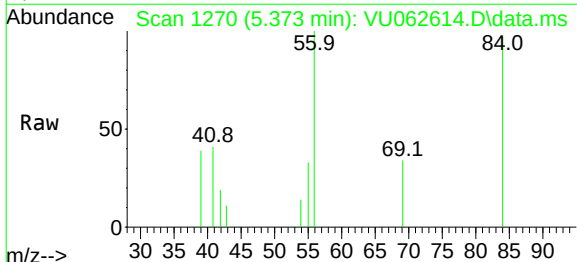
Manual Integrations
APPROVED

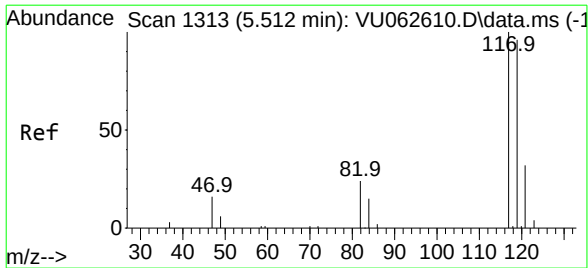
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#30
Cyclohexane
Concen: 0.181 ug/L
RT: 5.373 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

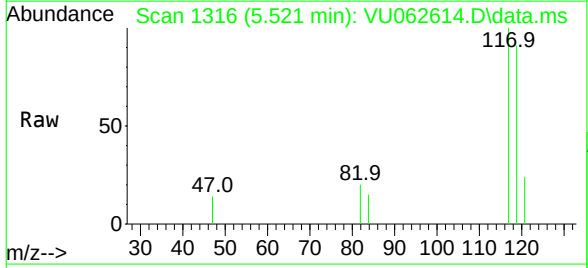
Tgt Ion: 56 Resp: 2004
Ion Ratio Lower Upper
56 100
69 31.7 25.1 37.7
84 99.7 70.6 105.8





#31
Carbon tetrachloride
Concen: 0.225 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.009 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

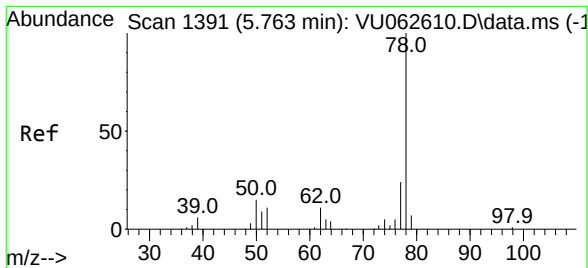
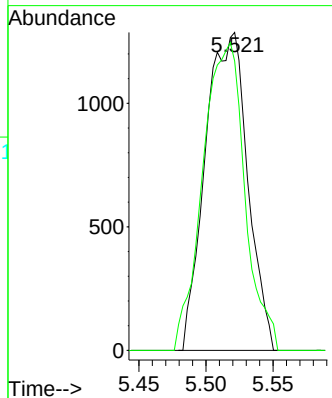
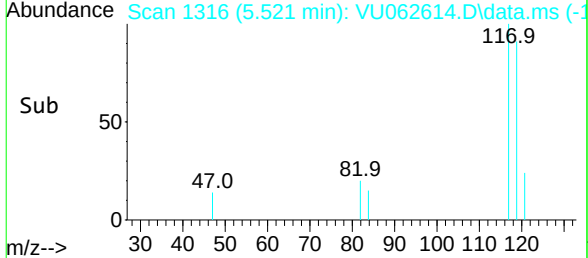
Instrument :
MSVOA_U
ClientSampleId :
MDL01



Tgt Ion:117 Resp: 2821
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3

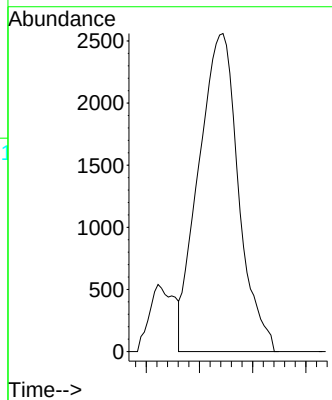
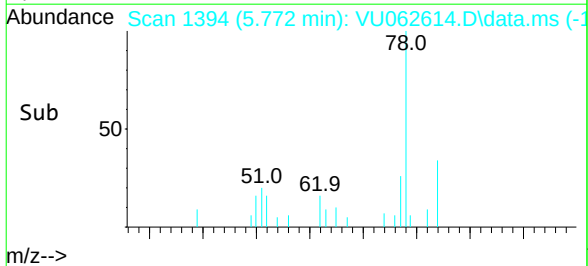
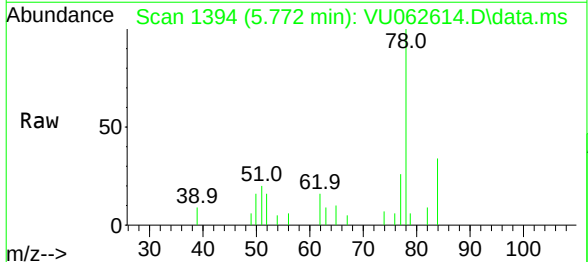
Manual Integrations
APPROVED

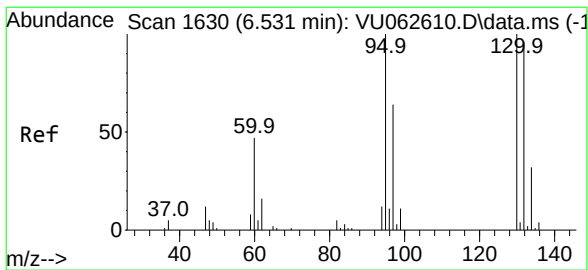
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#33
Benzene
Concen: 0.221 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.009 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion: 78 Resp: 6650





#34

Trichloroethene

Concen: 0.378 ug/L

RT: 6.541 min Scan# 16

Delta R.T. 0.009 min

Lab File: VU062614.D

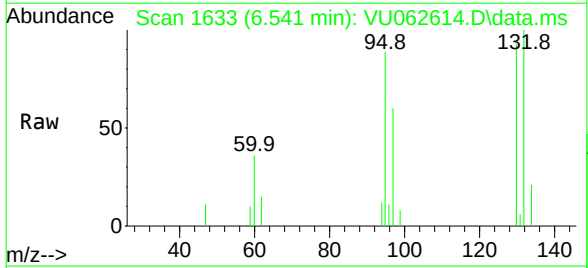
Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

MDL01



Tgt Ion: 95 Resp: 3223

Ion Ratio Lower Upper

95 100

97 67.2 45.9 85.3

132 112.9 63.8 118.4

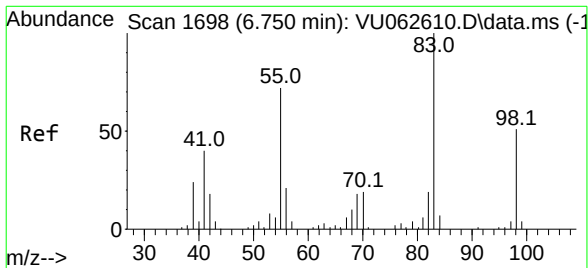
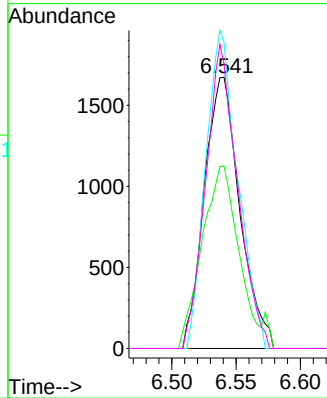
130 104.8 65.5 121.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024

Supervised By :Semsettin Yesilyurt 12/30/2024



#35

Methylcyclohexane

Concen: 0.191 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

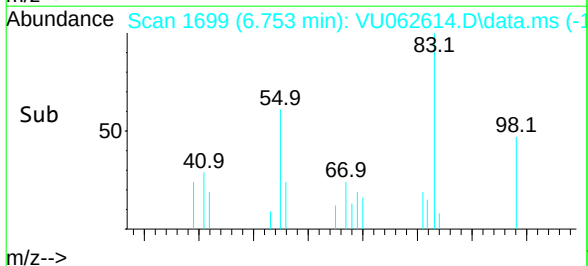
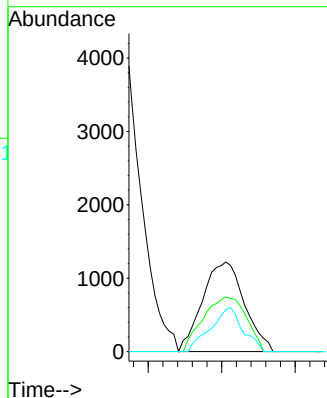
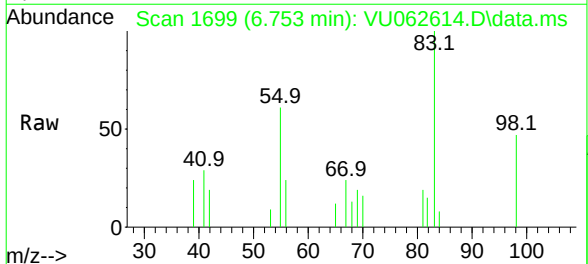
Tgt Ion: 83 Resp: 2417

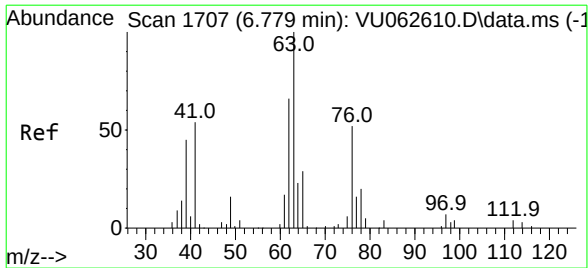
Ion Ratio Lower Upper

83 100

55 62.8 60.7 91.1

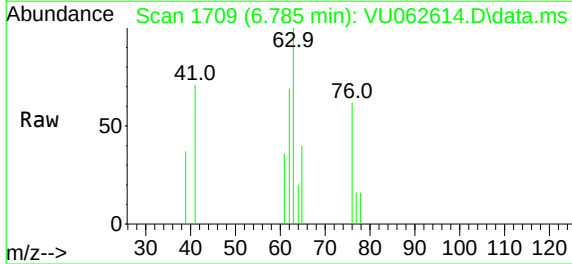
98 37.8 34.8 52.2





#37
1,2-Dichloropropane
Concen: 0.205 ug/L
RT: 6.785 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

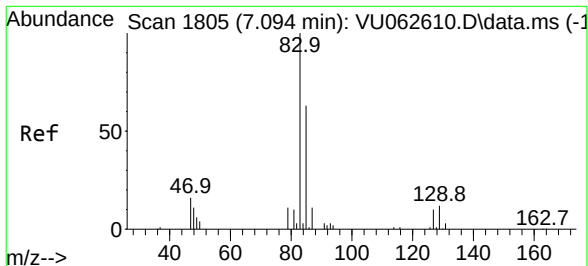
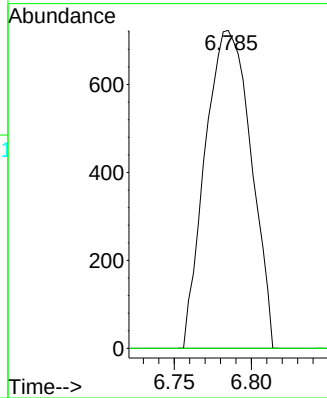
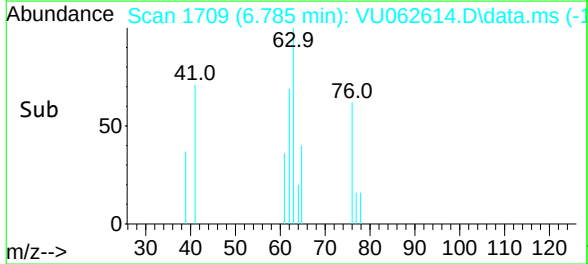
Instrument :
MSVOA_U
ClientSampleId :
MDL01



Tgt Ion: 63 Resp: 1498
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

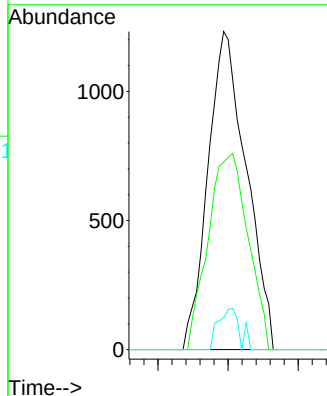
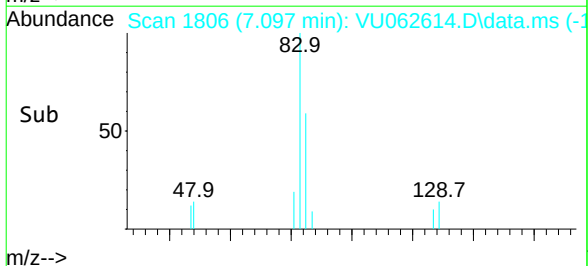
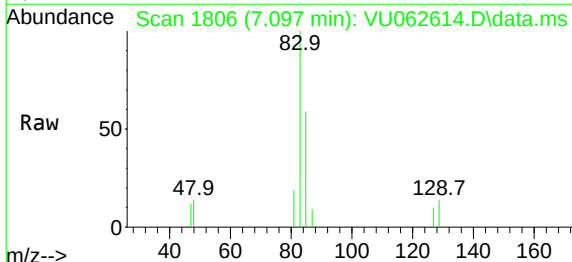
Manual Integrations
APPROVED

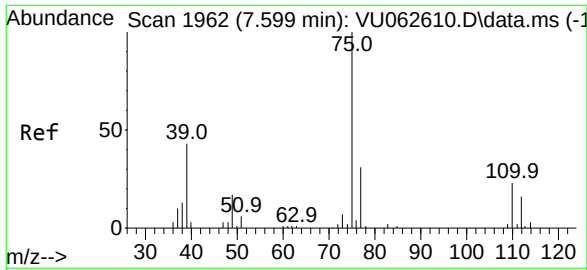
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#38
Bromodichloromethane
Concen: 0.226 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

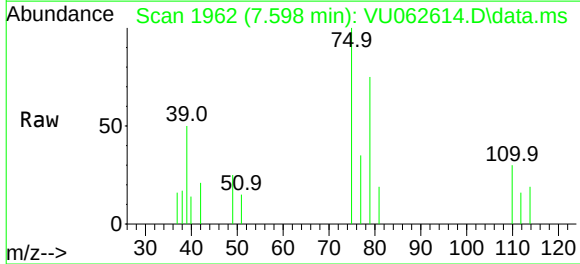
Tgt Ion: 83 Resp: 2337
Ion Ratio Lower Upper
83 100
85 58.9 44.1 81.9
127 9.9 6.9 10.3





#39
cis-1,3-Dichloropropene
Concen: 0.212 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

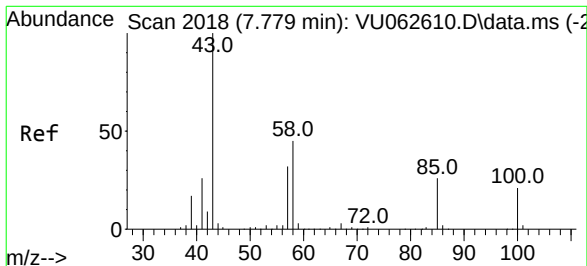
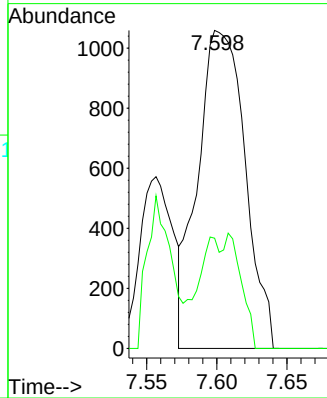
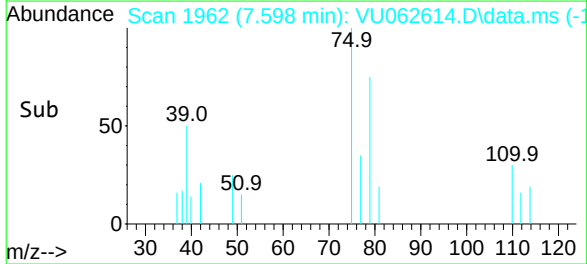
Instrument :
MSVOA_U
ClientSampleId :
MDL01



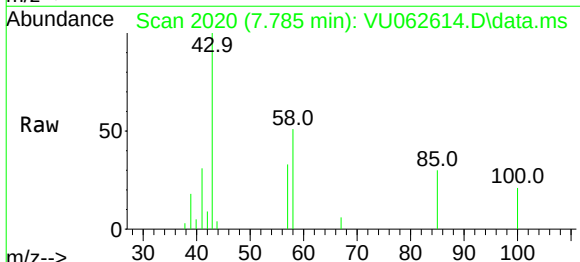
Tgt Ion: 75 Resp: 2491
Ion Ratio Lower Upper
75 100
77 34.7 22.3 41.3

Manual Integrations
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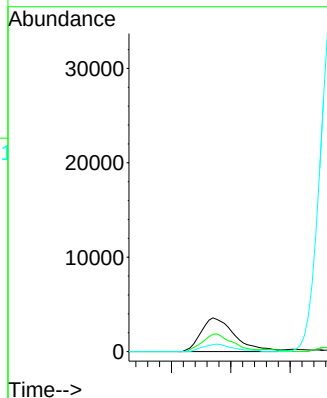
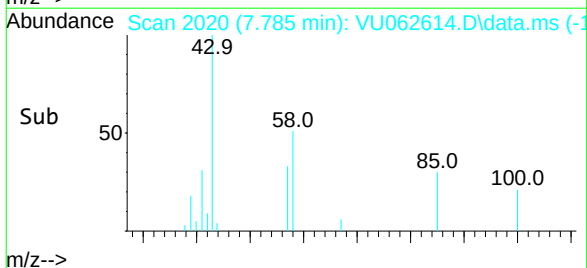
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024

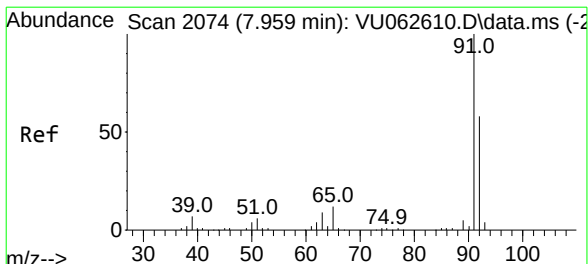


#40
4-Methyl-2-pentanone
Concen: 2.052 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49



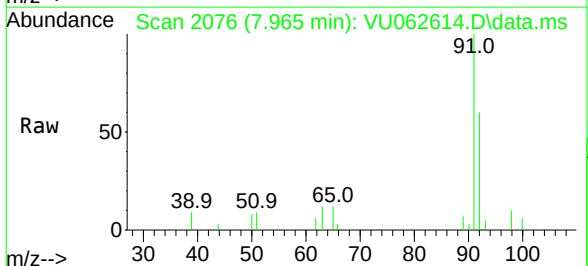
Tgt Ion: 43 Resp: 7044
Ion Ratio Lower Upper
43 100
58 46.5 33.3 49.9
100 0.0 12.4 18.6#





#42
 Toluene
 Concen: 0.216 ug/L
 RT: 7.965 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VU062614.D
 Acq: 27 Dec 2024 13:49

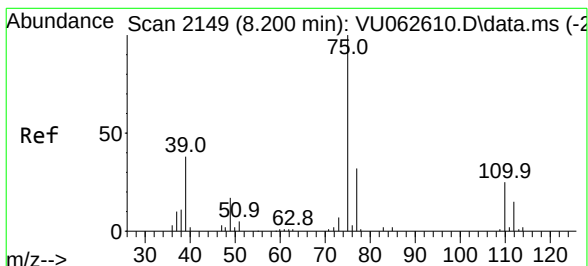
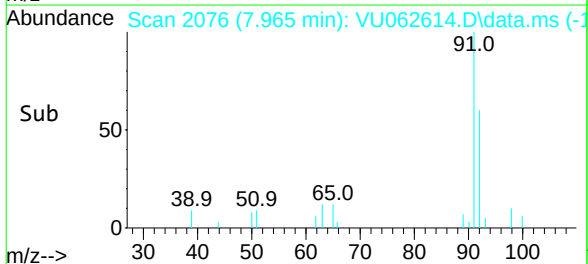
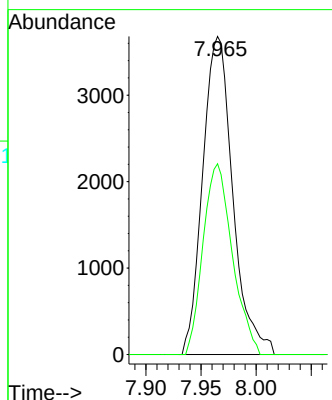
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01



Tgt Ion:	91	Resp:	6991
Ion	Ratio	Lower	Upper
91	100		
92	60.0	39.0	72.4

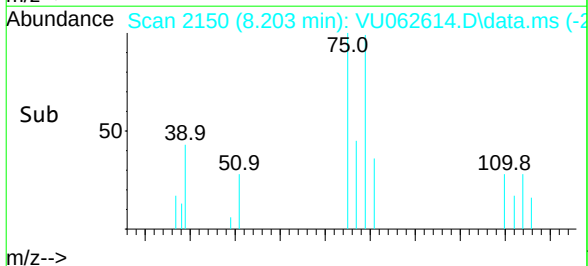
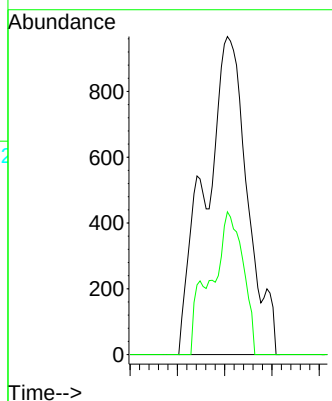
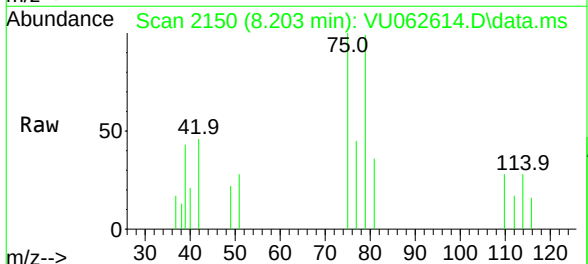
Manual Integrations
 APPROVED

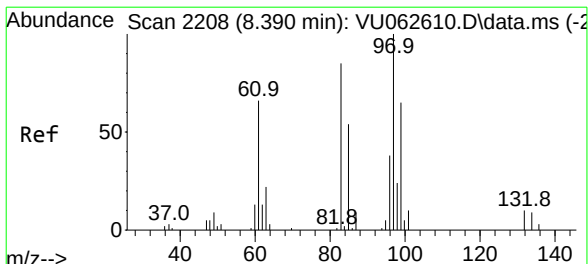
Reviewed By :Mahesh Dadoda 12/30/2024
 Supervised By :Semsettin Yesilyurt 12/30/2024



#44
 trans-1,3-Dichloropropene
 Concen: 0.312 ug/L m
 RT: 8.203 min Scan# 2150
 Delta R.T. 0.003 min
 Lab File: VU062614.D
 Acq: 27 Dec 2024 13:49

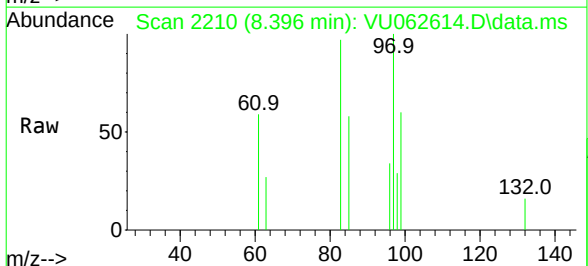
Tgt Ion:	75	Resp:	2990
Ion	Ratio	Lower	Upper
75	100		
77	44.9	21.8	40.4





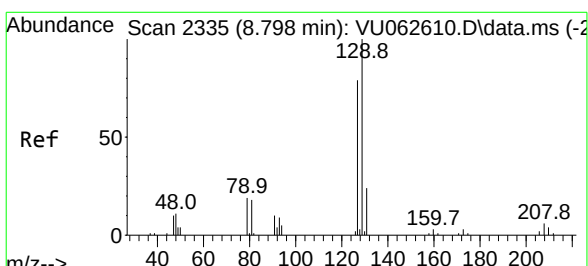
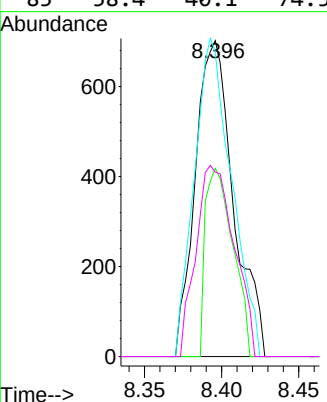
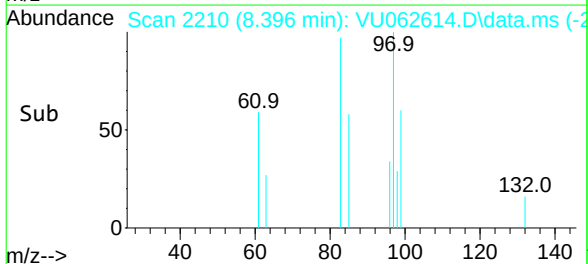
#45
 1,1,2-Trichloroethane
 Concen: 0.219 ug/L
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: VU062614.D
 Acq: 27 Dec 2024 13:49

Instrument : MSVOA_U
 ClientSampleId : MDL01



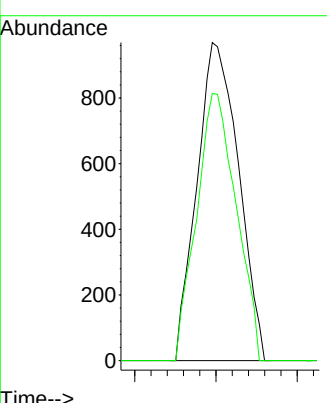
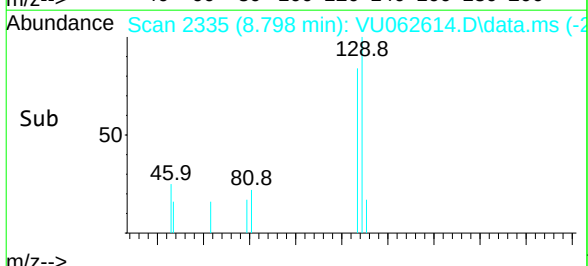
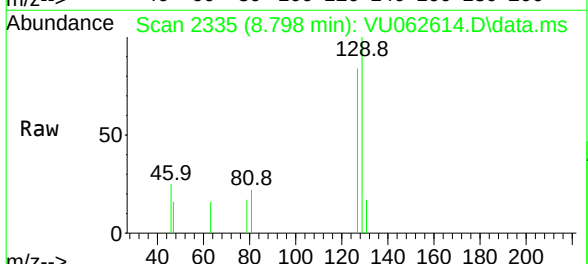
Tgt Ion:	97	Resp:	1211
Ion	Ratio	Lower	Upper
97	100		
99	59.5	43.0	79.8
83	96.6	61.7	114.5
85	58.4	40.1	74.5

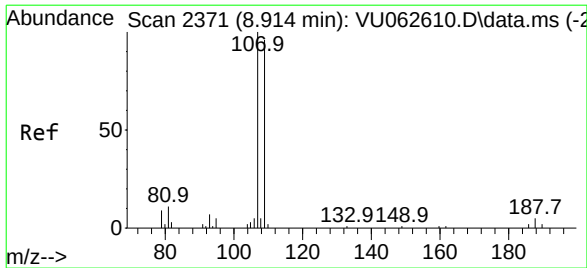
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 12/30/2024
 Supervised By :Semsettin Yesilyurt 12/30/2024



#49
 Dibromochloromethane
 Concen: 0.258 ug/L
 RT: 8.798 min Scan# 2335
 Delta R.T. -0.000 min
 Lab File: VU062614.D
 Acq: 27 Dec 2024 13:49

Tgt Ion:	129	Resp:	1722
Ion	Ratio	Lower	Upper
129	100		
127	84.0	51.1	94.9





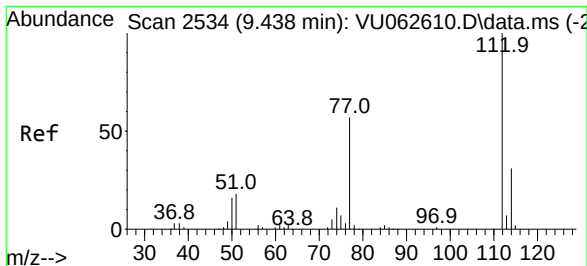
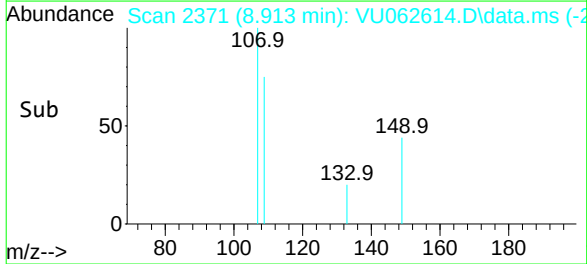
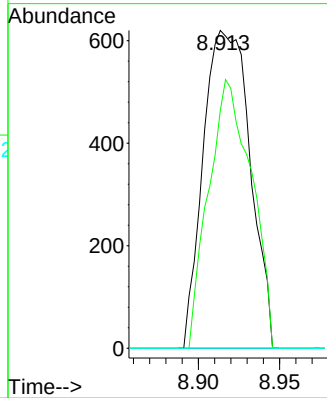
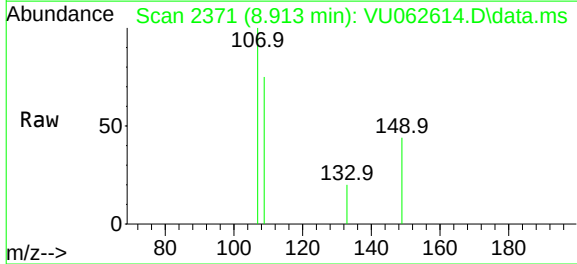
#50
1,2-Dibromoethane
Concen: 0.234 ug/L
RT: 8.913 min Scan# 2371
Delta R.T. -0.000 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion:	107	Resp:	1243
Ion Ratio	Lower	Upper	
107	100		
109	74.8	66.8	124.2
188	0.0	2.3	3.5#

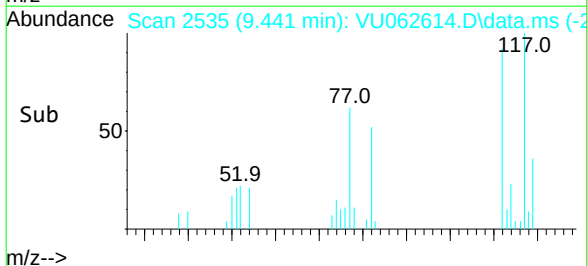
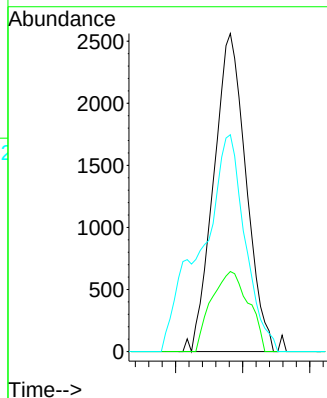
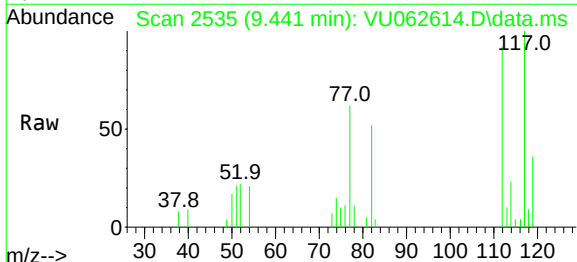
Manual Integrations
APPROVED

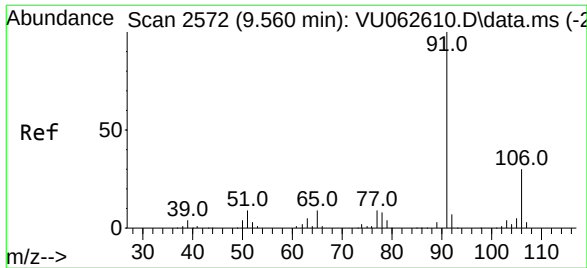
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#51
Chlorobenzene
Concen: 0.206 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion:	112	Resp:	4281
Ion Ratio	Lower	Upper	
112	100		
114	25.2	23.0	42.6
77	68.2	50.5	75.7





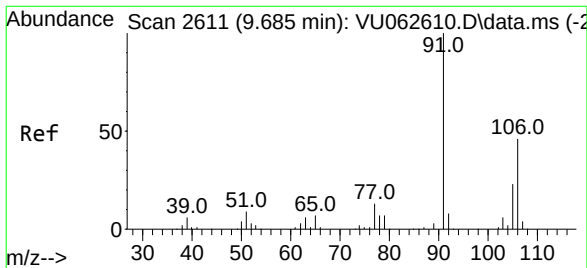
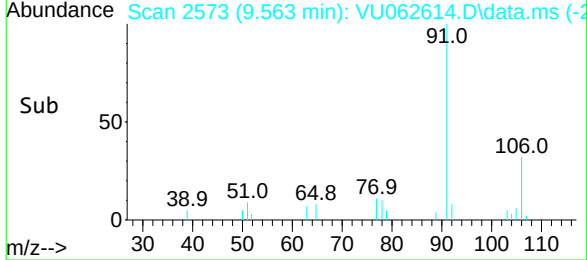
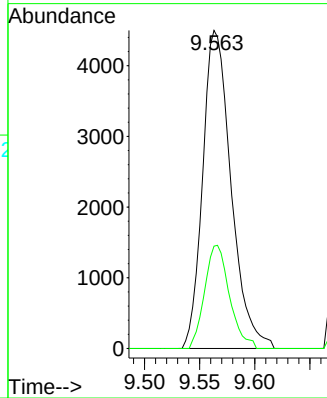
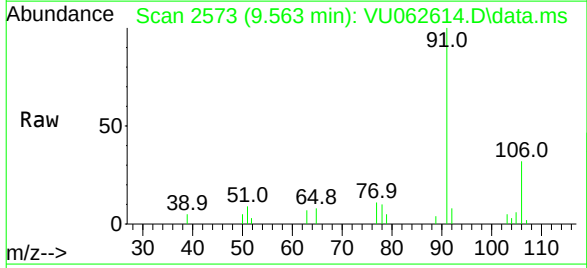
#52
Ethylbenzene
Concen: 0.222 ug/L
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 8057
Ion Ratio Lower Upper
91 100
106 32.2 21.6 40.0

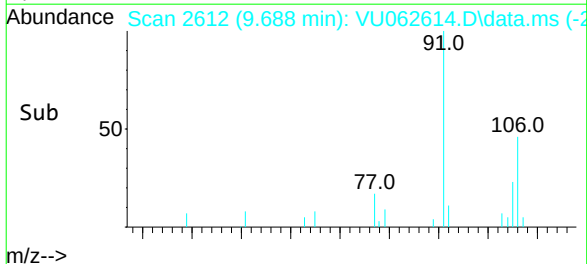
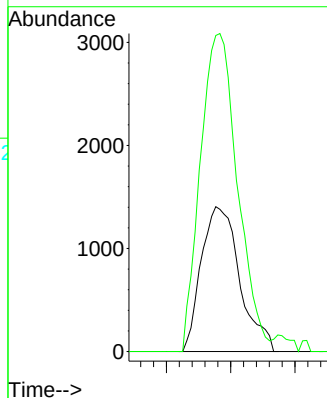
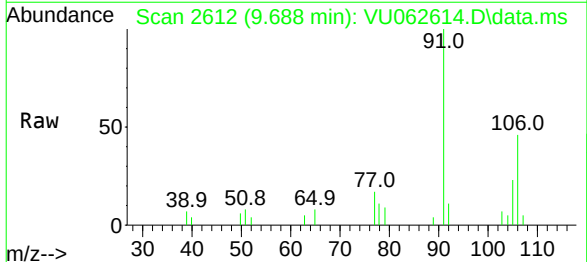
Manual Integrations
APPROVED

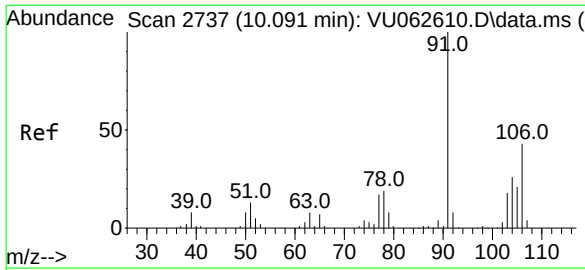
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#53
m,p-Xylene
Concen: 0.218 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion:106 Resp: 2922
Ion Ratio Lower Upper
106 100
91 218.1 147.6 274.0





#54

o-Xylene

Concen: 0.224 ug/L

RT: 10.097 min Scan# 2737

Delta R.T. 0.006 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

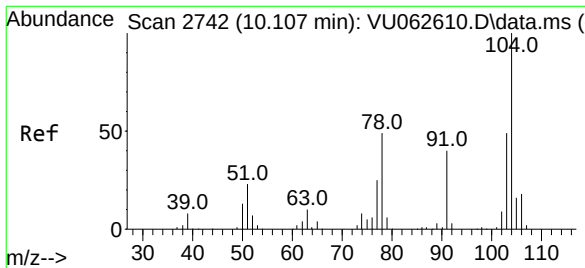
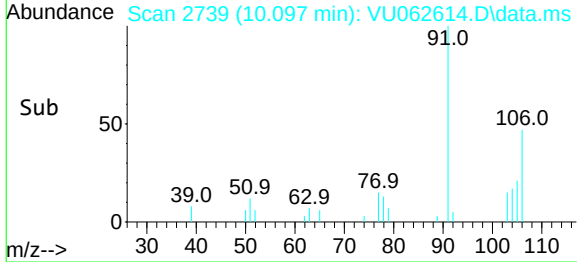
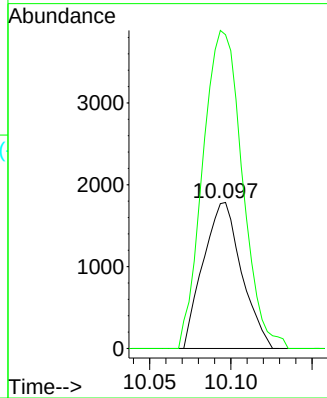
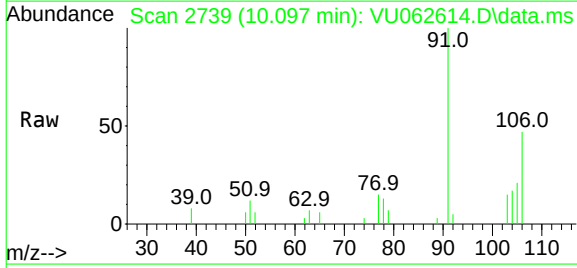
MDL01

Tgt Ion:106 Resp: 2927
 Ion Ratio Lower Upper
 106 100
 91 214.9 159.8 296.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024
 Supervised By :Semsettin Yesilyurt 12/30/2024



#55

Styrene

Concen: 0.190 ug/L

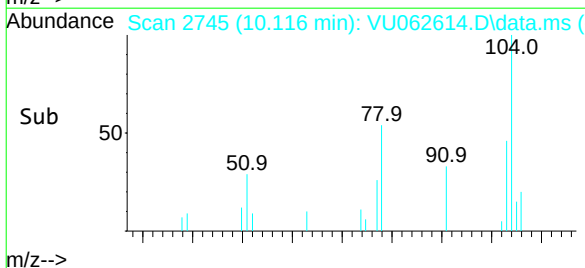
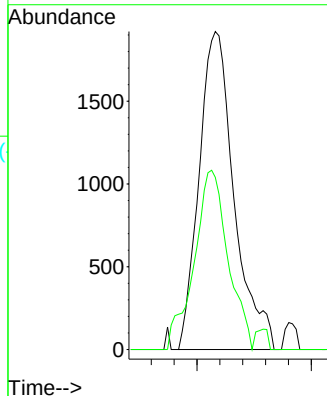
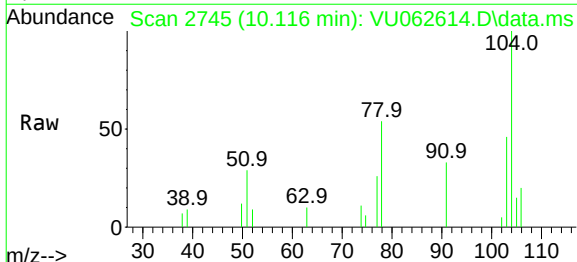
RT: 10.116 min Scan# 2745

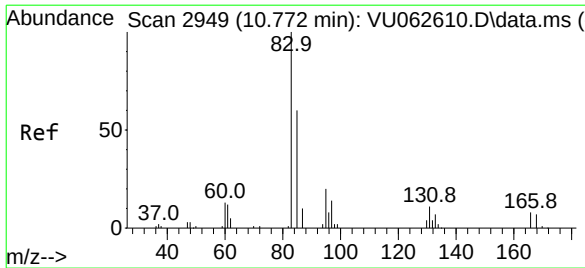
Delta R.T. 0.009 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Tgt Ion:104 Resp: 4085
 Ion Ratio Lower Upper
 104 100
 78 54.1 33.2 61.7





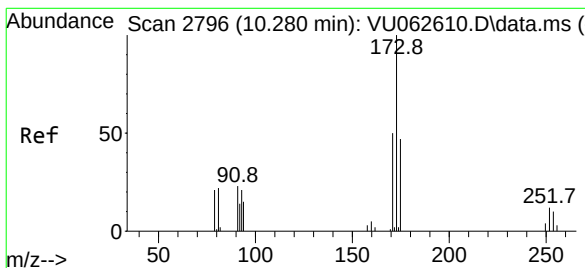
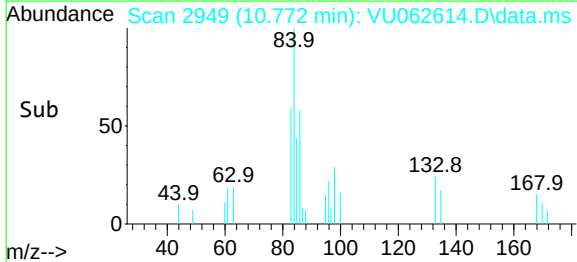
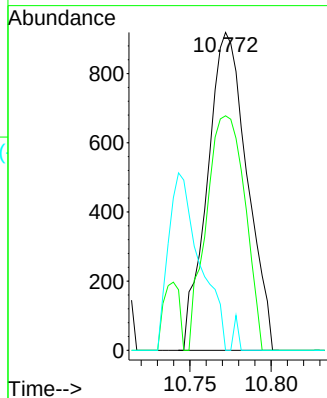
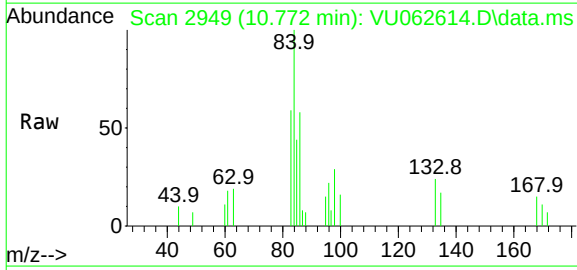
#57
1,1,2,2-Tetrachloroethane
Concen: 0.243 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Instrument : MSVOA_U
ClientSampleId : MDL01

Tgt Ion:	83	Resp:	1562
Ion	Ratio	Lower	Upper
83	100		
85	73.8	44.4	82.4
131	0.0	7.3	10.9#

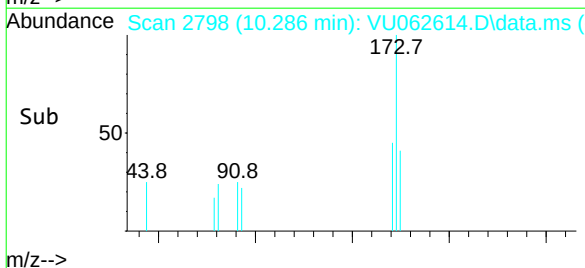
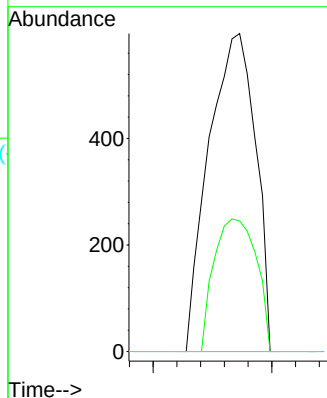
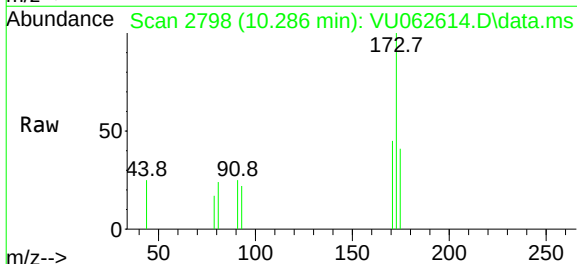
Manual Integrations
APPROVED

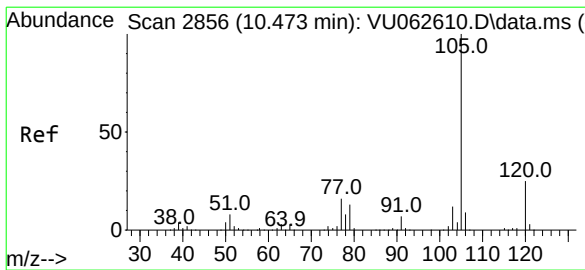
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#59
Bromoform
Concen: 0.209 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.006 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

Tgt Ion:	173	Resp:	815
Ion	Ratio	Lower	Upper
173	100		
175	37.8	39.0	58.4#
254	0.0	7.4	11.0#





#60

Isopropylbenzene

Concen: 0.225 ug/L

RT: 10.476 min Scan# 28

Delta R.T. 0.003 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

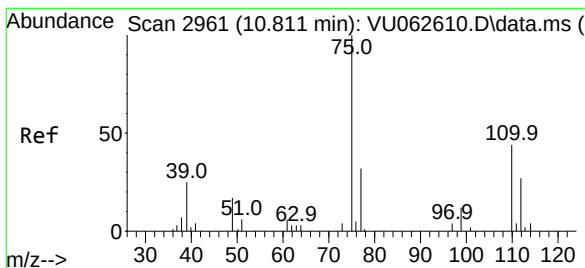
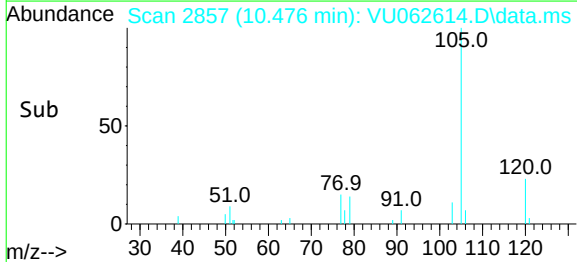
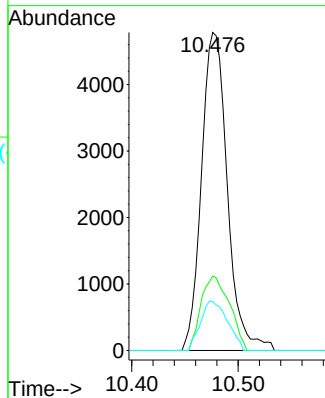
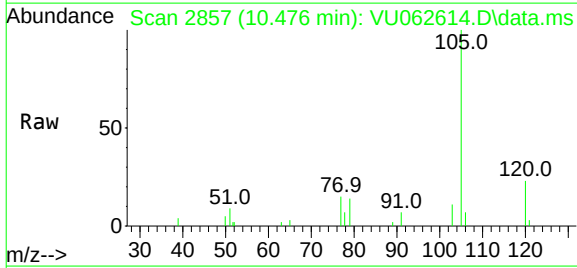
MDL01

Tgt	Ion:105	Resp:	8054
Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.6	31.0
77	16.2	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#61

1,2,3-Trichloropropane

Concen: 0.261 ug/L

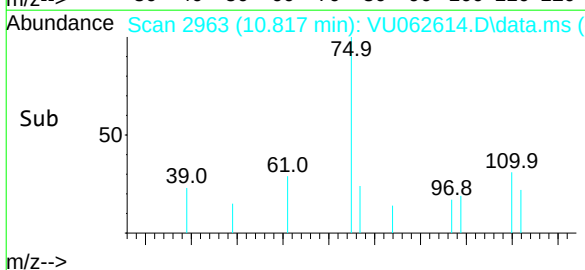
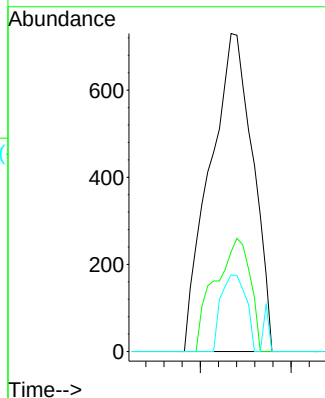
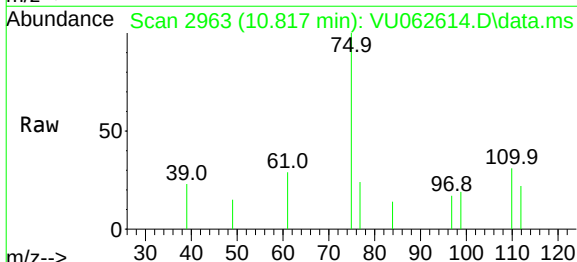
RT: 10.817 min Scan# 2963

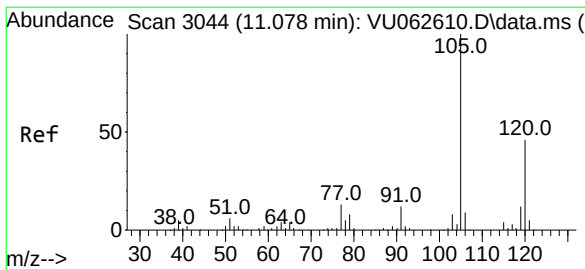
Delta R.T. 0.006 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Tgt	Ion: 75	Resp:	1200
Ion	Ratio	Lower	Upper
75	100		
110	29.2	28.9	43.3
77	14.0	26.5	39.7#





#62

1,3,5-Trimethylbenzene

Concen: 0.208 ug/L

RT: 11.084 min Scan# 3044

Delta R.T. 0.006 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

MDL01

Tgt Ion:105 Resp: 6328

Ion Ratio Lower Upper

105 100

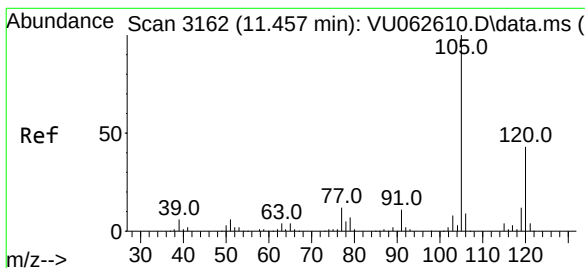
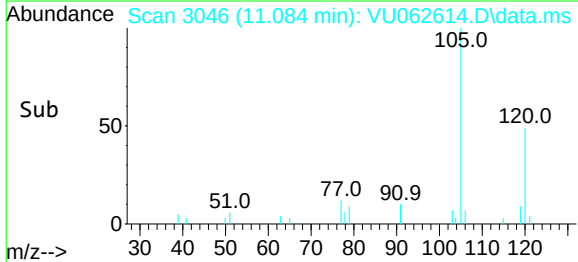
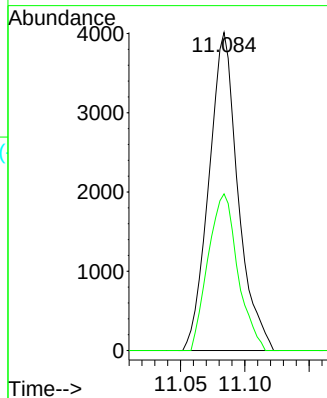
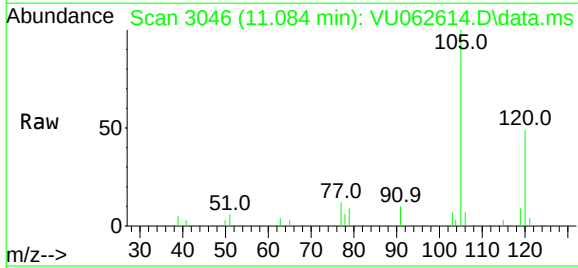
120 50.1 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024

Supervised By :Semsettin Yesilyurt 12/30/2024



#63

1,2,4-Trimethylbenzene

Concen: 0.201 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.006 min

Lab File: VU062614.D

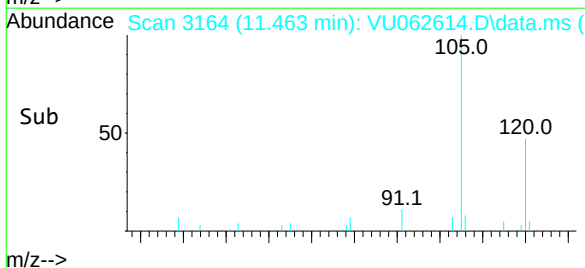
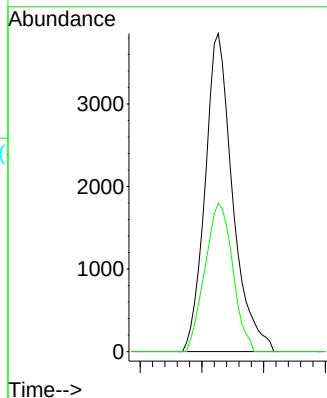
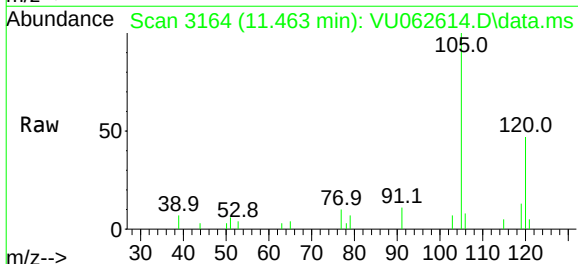
Acq: 27 Dec 2024 13:49

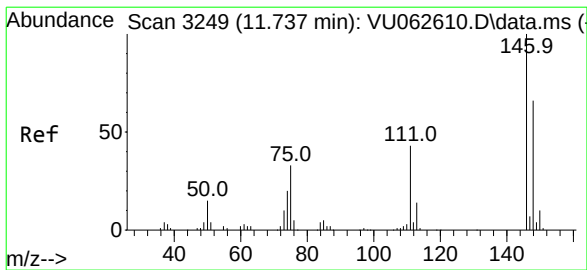
Tgt Ion:105 Resp: 5974

Ion Ratio Lower Upper

105 100

120 46.9 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 0.215 ug/L

RT: 11.740 min Scan# 32

Delta R.T. 0.003 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

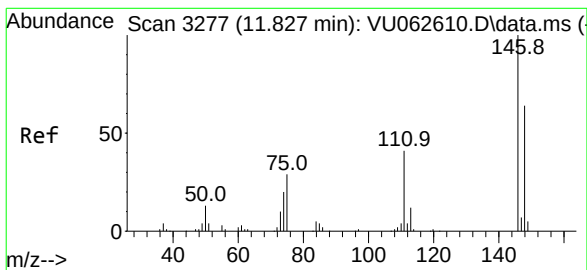
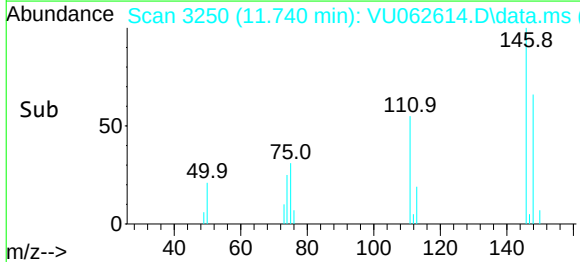
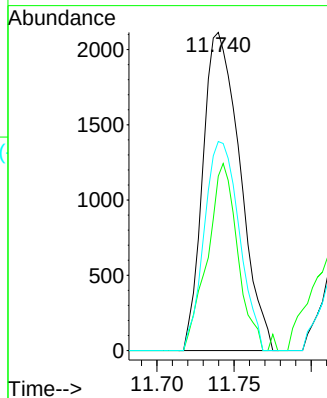
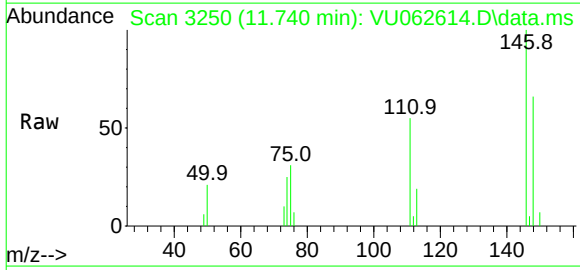
MDL01

Tgt	Ion:146	Resp:	3537
Ion	Ratio	Lower	Upper
146	100		
111	54.8	30.7	57.1
148	65.7	45.1	83.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#65

1,4-Dichlorobenzene

Concen: 0.229 ug/L

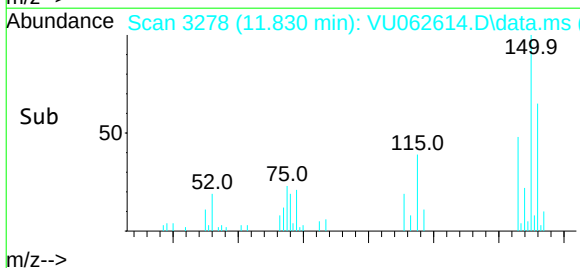
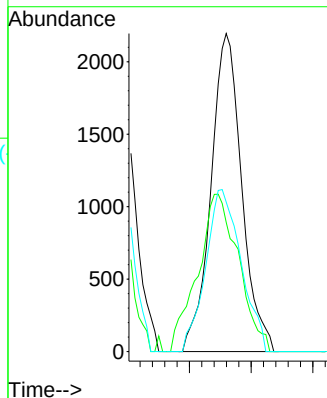
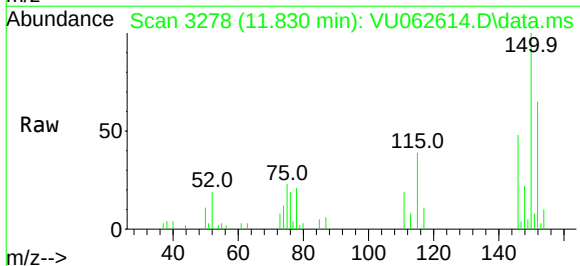
RT: 11.830 min Scan# 3278

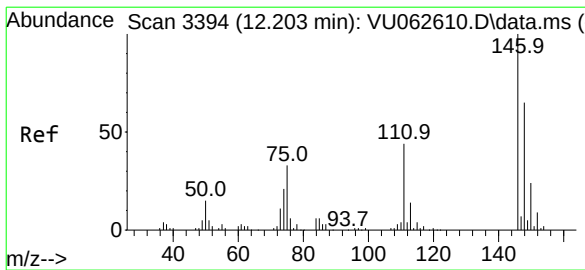
Delta R.T. 0.003 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

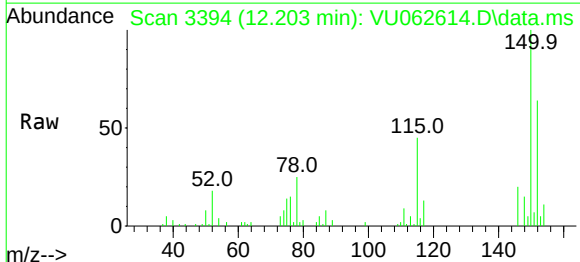
Tgt	Ion:146	Resp:	3800
Ion	Ratio	Lower	Upper
146	100		
111	40.6	29.3	54.3
148	47.0	44.6	82.8





#67
1,2-Dichlorobenzene
Concen: 0.247 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

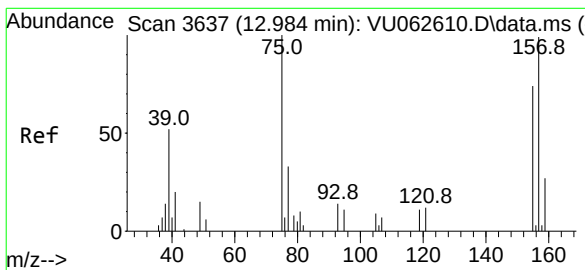
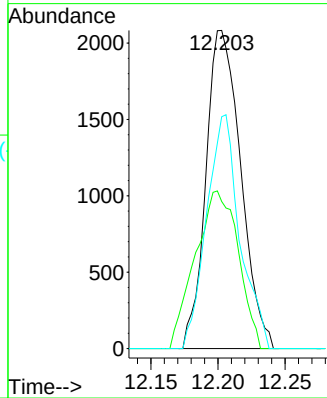
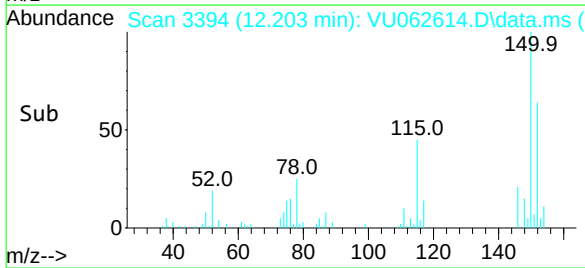
Instrument :
MSVOA_U
ClientSampleId :
MDL01



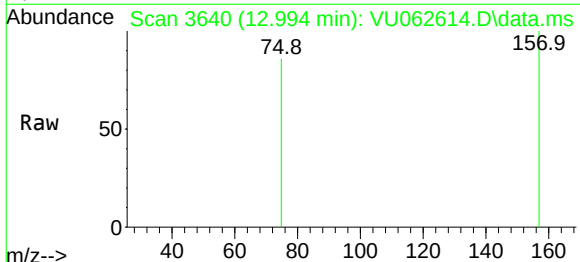
Tgt Ion:	146	Resp:	3761
Ion	Ratio	Lower	Upper
146	100		
111	51.9	36.0	54.0
148	72.9	52.3	78.5

Manual Integrations
APPROVED

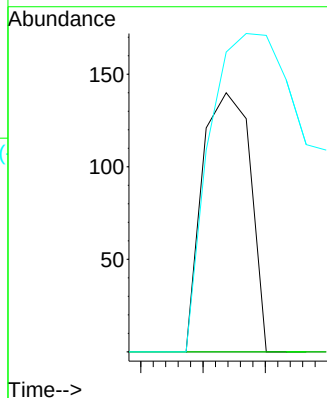
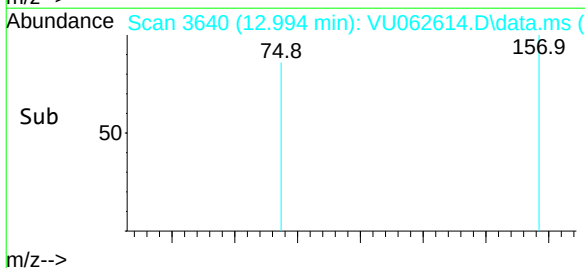
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024

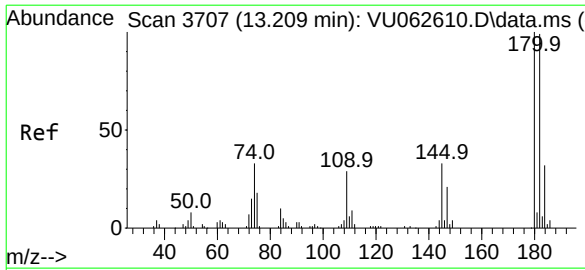


#68
1,2-Dibromo-3-chloropropane
Concen: 0.075 ug/L m
RT: 12.994 min Scan# 3640
Delta R.T. 0.009 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49



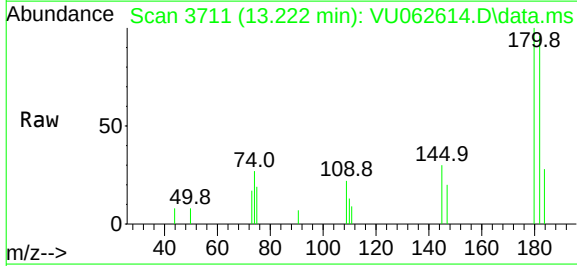
Tgt Ion:	75	Resp:	75
Ion	Ratio	Lower	Upper
75	100		
155	0.0	55.2	82.8#
157	115.7	73.5	110.3#





#69
1,3,5-Trichlorobenzene
Concen: 0.223 ug/L
RT: 13.222 min Scan# 3711
Delta R.T. 0.013 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49

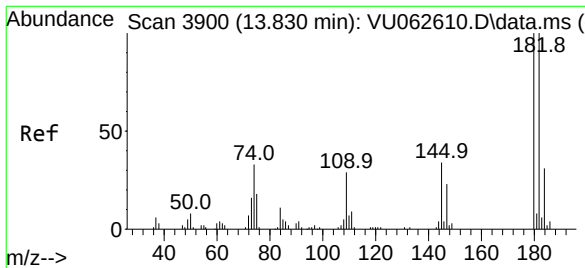
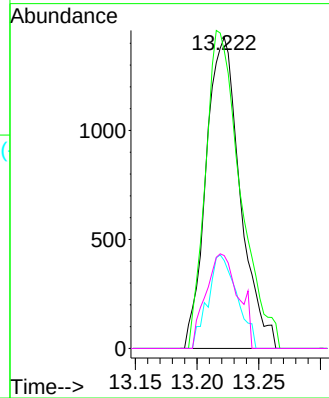
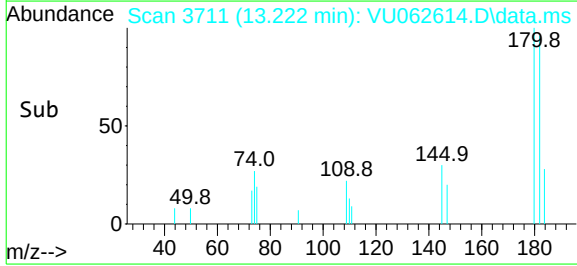
Instrument :
MSVOA_U
ClientSampleId :
MDL01



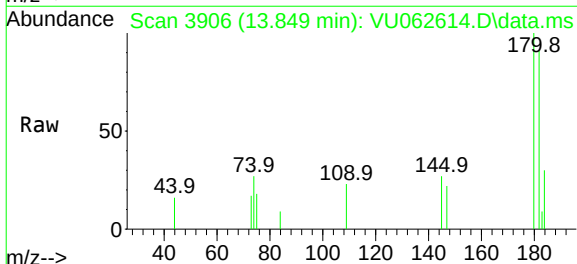
Tgt Ion:180 Resp: 2733
Ion Ratio Lower Upper
180 100
182 104.5 76.7 115.1
184 25.8 24.8 37.2
145 28.9 25.4 38.0

Manual Integrations
APPROVED

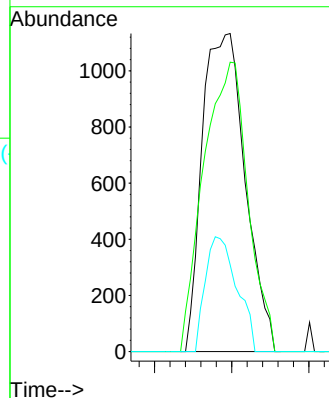
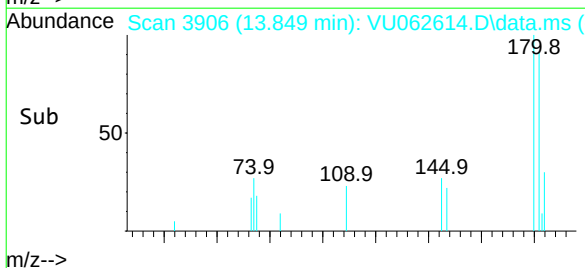
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024

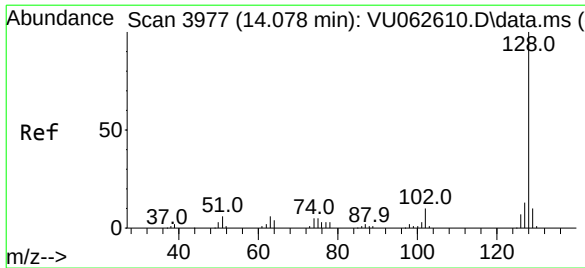


#70
1,2,4-trichlorobenzene
Concen: 0.226 ug/L
RT: 13.849 min Scan# 3906
Delta R.T. 0.019 min
Lab File: VU062614.D
Acq: 27 Dec 2024 13:49



Tgt Ion:180 Resp: 2190
Ion Ratio Lower Upper
180 100
182 93.7 74.5 111.7
145 26.5 25.6 38.4





#71

Naphthalene

Concen: 0.233 ug/L m

RT: 14.103 min Scan# 39

Delta R.T. 0.025 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

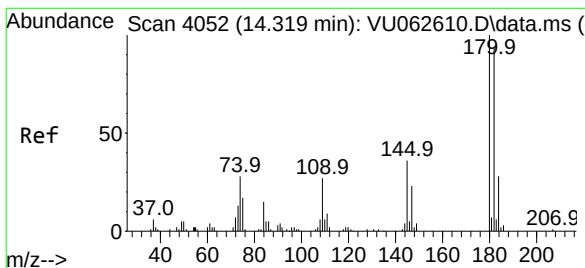
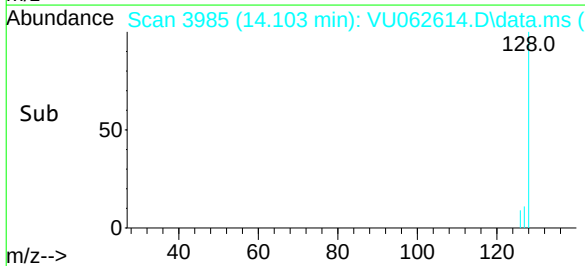
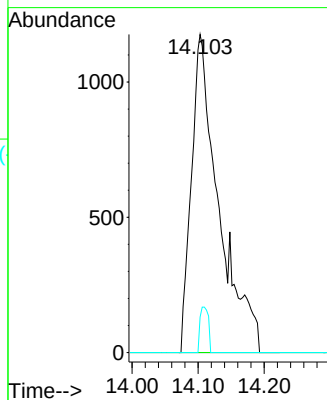
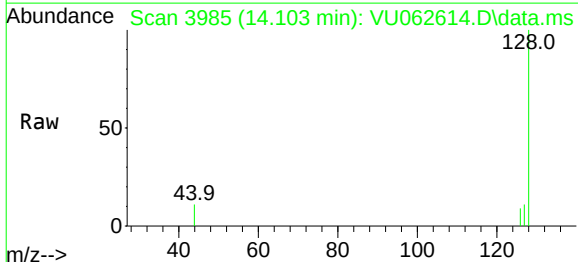
MDL01

Tgt Ion:	128	Resp:	3382
Ion Ratio	Lower	Upper	
128	100		
129	0.0	8.5	12.7#
127	4.3	10.2	15.4#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#72

1,2,3-Trichlorobenzene

Concen: 0.232 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.009 min

Lab File: VU062614.D

Acq: 27 Dec 2024 13:49

Tgt Ion:	180	Resp:	1976
Ion Ratio	Lower	Upper	
180	100		
182	87.0	76.1	114.1
145	22.5	27.4	41.0#

