

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062615.D
 Acq On : 27 Dec 2024 14:13
 Operator : MD/SY
 Sample : MDL02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

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

Quant Time: Dec 27 21:58:50 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	107090	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101151	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49948	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25247	3.495	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	70.000%		
7) Chloroethane-d5	1.904	69	20202	3.932	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	78.600%		
11) 1,1-Dichloroethene-d2	2.557	65	12993	3.781	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	75.600%		
20) 2-Butanone-d5	4.621	46	60159	43.457	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	86.920%		
24) Chloroform-d	5.049	84	65663	4.200	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.000%		
26) 1,2-Dichloroethane-d4	5.692	65	37930	4.934	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	98.600%		
32) Benzene-d6	5.714	84	117164	4.022	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.400%		
36) 1,2-Dichloropropane-d6	6.679	67	33394	4.006	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	80.200%		
41) Toluene-d8	7.888	98	113475	4.123	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.400%		
43) trans-1,3-Dichloroprop...	8.171	79	15504	4.226	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.600%		
46) 2-Hexanone-d5	8.624	63	55371	50.022	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	100.040%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28266	4.358	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	87.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	42919	4.663	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	93.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	1720	0.171	ug/L	94
3) Chloromethane	1.515	50	1683	0.214	ug/L	96
5) Vinyl chloride	1.599	62	1647	0.201	ug/L #	67
6) Bromomethane	1.850	94	1060	0.194	ug/L	81
8) Chloroethane	1.927	64	885	0.193	ug/L	90
9) Trichlorofluoromethane	2.133	101	3256	0.229	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2150	0.278	ug/L #	84
12) 1,1-Dichloroethene	2.567	96	1886	0.261	ug/L #	1
14) Carbon disulfide	2.785	76	4116	0.180	ug/L	98
16) Methylene chloride	3.043	84	1758m	0.232	ug/L	
17) Methyl tert-butyl Ether	3.358	73	4159	0.231	ug/L #	91
18) trans-1,2-Dichloroethene	3.351	96	1462	0.197	ug/L #	70
19) 1,1-Dichloroethane	3.856	63	2948	0.216	ug/L #	95
22) cis-1,2-Dichloroethene	4.669	96	1652m	0.198	ug/L	
23) Bromochloromethane	4.972	128	895	0.245	ug/L #	65
25) Chloroform	5.081	83	3452	0.225	ug/L	98
27) 1,2-Dichloroethane	5.792	62	2405	0.247	ug/L #	75
30) Cyclohexane	5.370	56	1861	0.161	ug/L #	76
31) Carbon tetrachloride	5.515	117	2961	0.227	ug/L	97

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

33) Benzene	5.769	78	6473	0.206	ug/L	100
34) Trichloroethene	6.538	95	3514	0.396	ug/L	90
35) Methylcyclohexane	6.753	83	2353	0.179	ug/L	96
37) 1,2-Dichloropropane	6.785	63	1458	0.191	ug/L #	87
38) Bromodichloromethane	7.097	83	2646	0.246	ug/L	89
39) cis-1,3-Dichloropropene	7.602	75	2753	0.225	ug/L	90
40) 4-Methyl-2-pentanone	7.785	43	7363	2.058	ug/L #	85
42) Toluene	7.965	91	6918	0.205	ug/L	99
44) trans-1,3-Dichloropropene	8.213	75	2900m	0.290	ug/L	
45) 1,1,2-Trichloroethane	8.396	97	1301	0.226	ug/L	85
49) Dibromochloromethane	8.804	129	1453	0.209	ug/L	97
50) 1,2-Dibromoethane	8.920	107	1242	0.224	ug/L #	95
51) Chlorobenzene	9.438	112	4902	0.226	ug/L	96
52) Ethylbenzene	9.563	91	8143	0.215	ug/L	87
53) m,p-Xylene	9.689	106	2823	0.202	ug/L	82
54) o-Xylene	10.097	106	2762	0.203	ug/L	95
55) Styrene	10.116	104	4474	0.199	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.772	83	1682	0.251	ug/L #	89
59) Bromoform	10.287	173	1005	0.256	ug/L #	84
60) Isopropylbenzene	10.476	105	7914	0.219	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	1035	0.224	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.081	105	5995	0.196	ug/L	94
63) 1,2,4-Trimethylbenzene	11.463	105	6072	0.203	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	3824	0.231	ug/L	90
65) 1,4-Dichlorobenzene	11.830	146	4105	0.246	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	3721	0.243	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	160m	0.159	ug/L	
69) 1,3,5-Trichlorobenzene	13.219	180	3005	0.244	ug/L #	94
71) Naphthalene	14.100	128	3152m	0.216	ug/L	
72) 1,2,3-Trichlorobenzene	14.325	180	2136	0.249	ug/L #	19

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

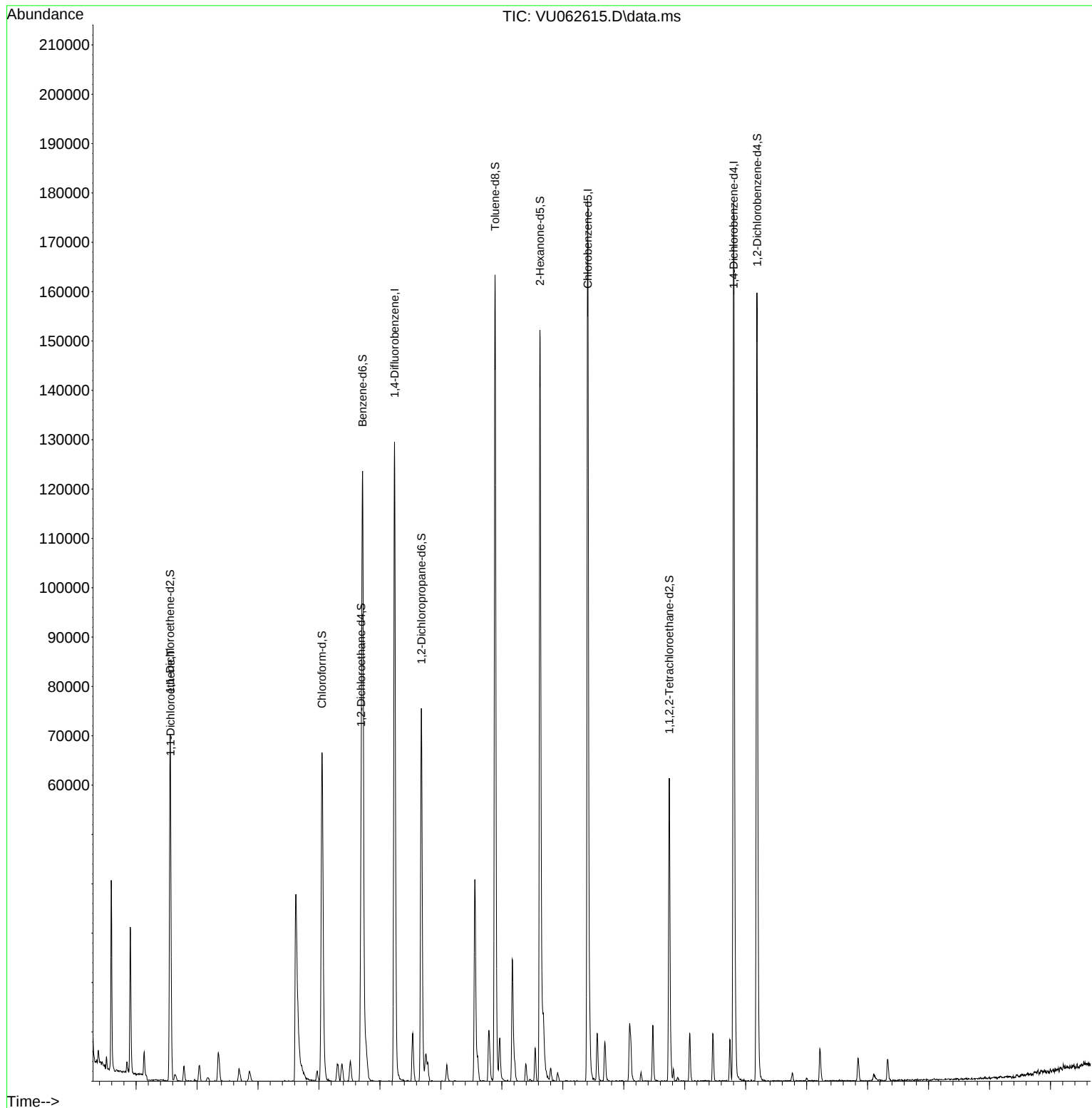
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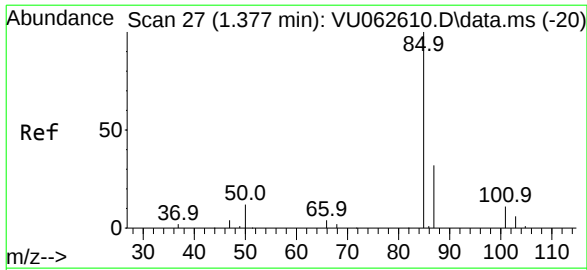
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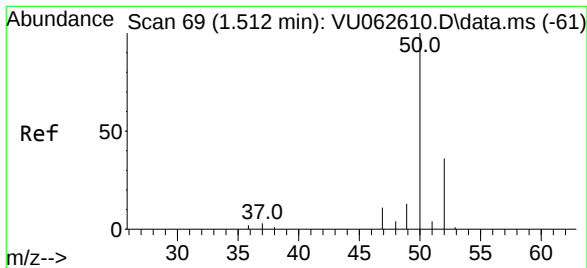
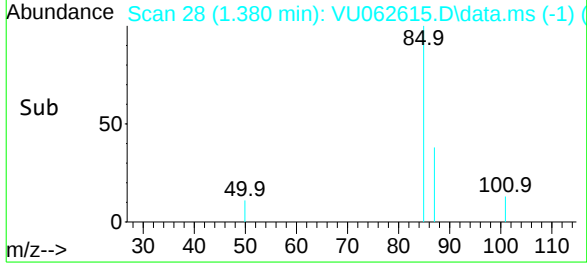
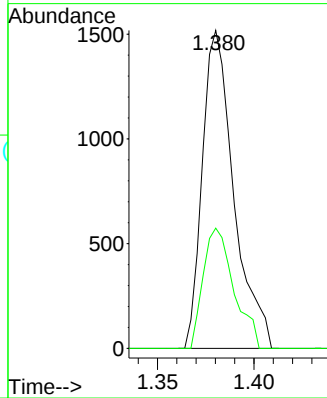
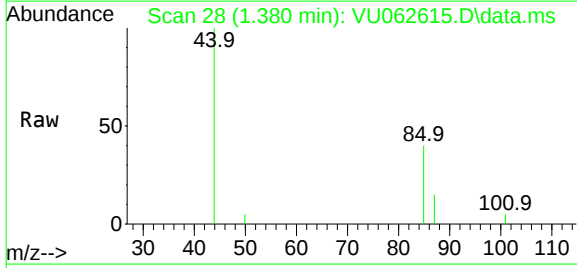
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Dichlorodifluoromethane
Concen: 0.171 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 85 Resp: 1720
Ion Ratio Lower Upper
85 100
87 36.8 26.6 40.0

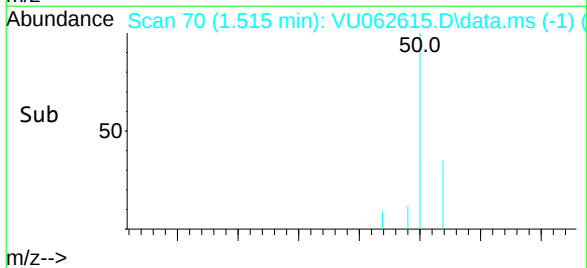
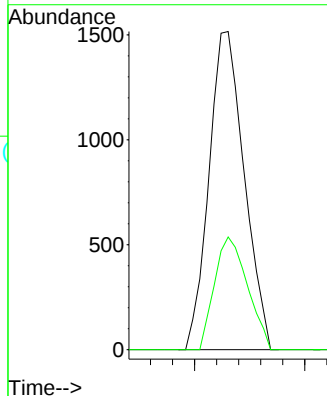
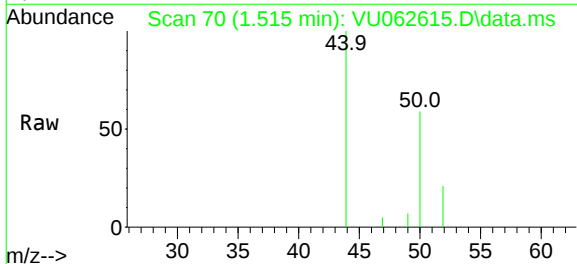
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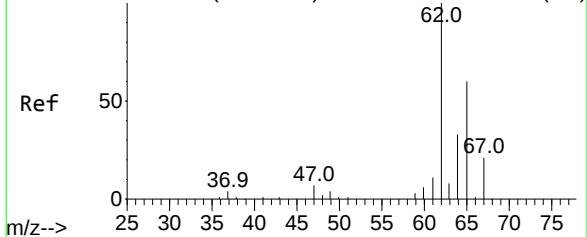


#3
Chloromethane
Concen: 0.214 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Tgt Ion: 50 Resp: 1683
Ion Ratio Lower Upper
50 100
52 35.4 23.1 42.9



Abundance Scan 95 (1.596 min): VU062610.D\data.ms (-86)



#5

Vinyl chloride

Concen: 0.201 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.003 min

Lab File: VU062615.D

Acq: 27 Dec 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion: 62 Resp: 1647

Ion Ratio Lower Upper

62 100

64 51.5 23.1 42.9

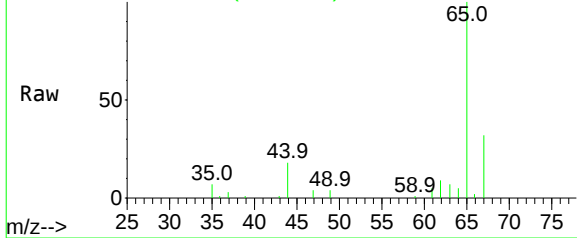
Manual Integrations

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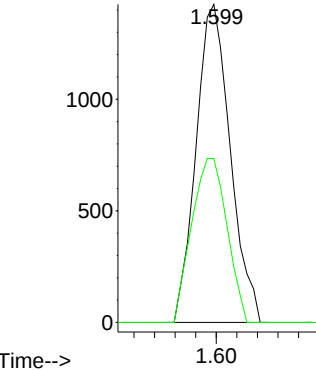
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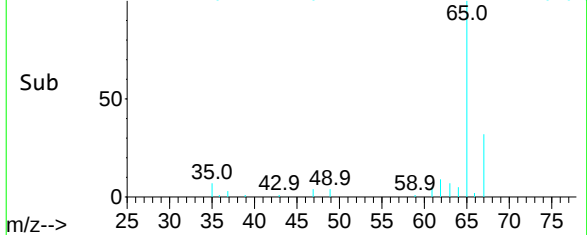
Abundance Scan 96 (1.599 min): VU062615.D\data.ms



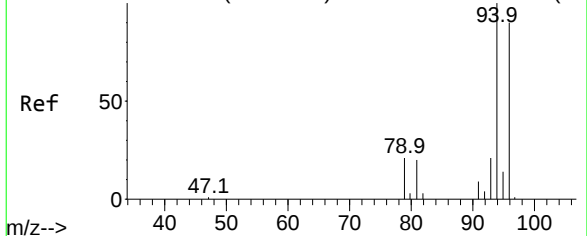
Abundance



Abundance Scan 96 (1.599 min): VU062615.D\data.ms (-2)



Abundance Scan 174 (1.850 min): VU062610.D\data.ms (-16)



#6

Bromomethane

Concen: 0.194 ug/L

RT: 1.850 min Scan# 174

Delta R.T. -0.000 min

Lab File: VU062615.D

Acq: 27 Dec 2024 14:13

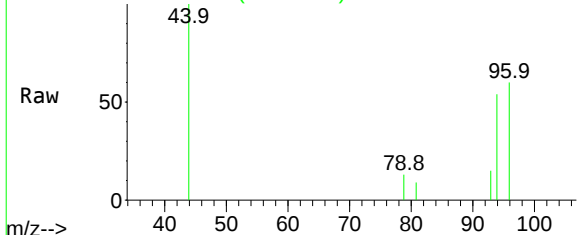
Tgt Ion: 94 Resp: 1060

Ion Ratio Lower Upper

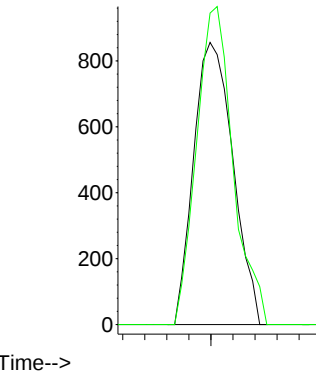
94 100

96 110.4 64.5 119.9

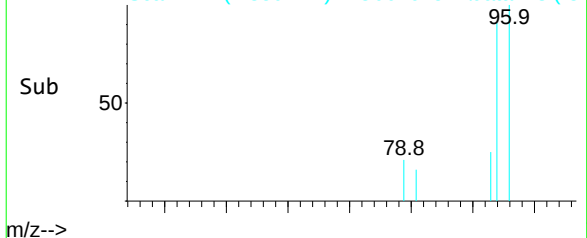
Abundance Scan 174 (1.850 min): VU062615.D\data.ms

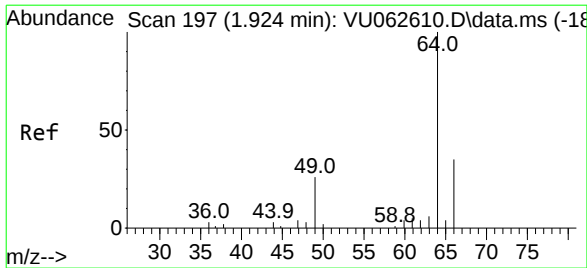


Abundance



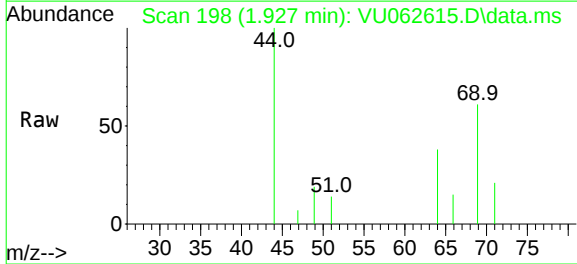
Abundance Scan 174 (1.850 min): VU062615.D\data.ms (-8)





#8
Chloroethane
Concen: 0.193 ug/L
RT: 1.927 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

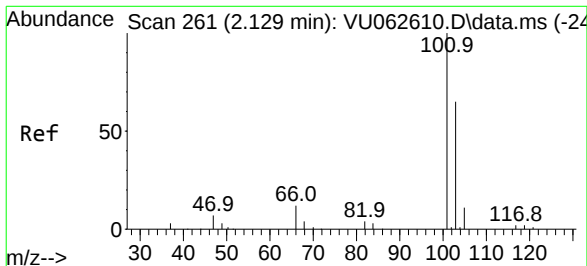
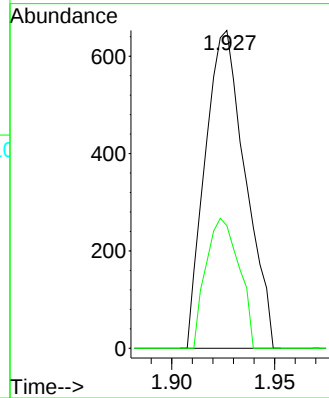
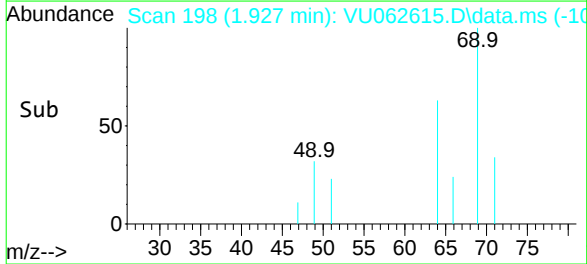
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 64 Resp: 885
Ion Ratio Lower Upper
64 100
66 38.6 23.2 43.2

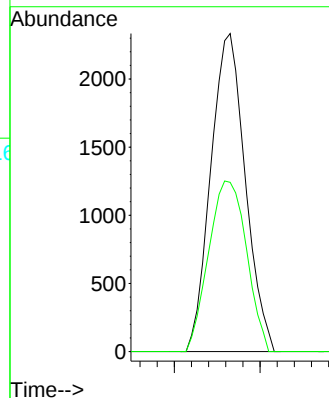
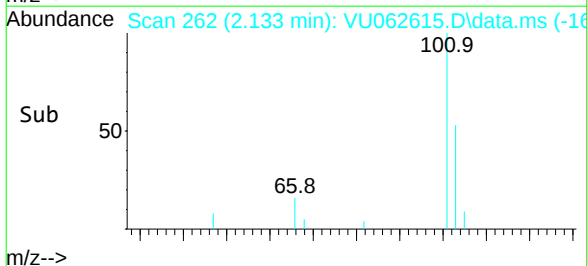
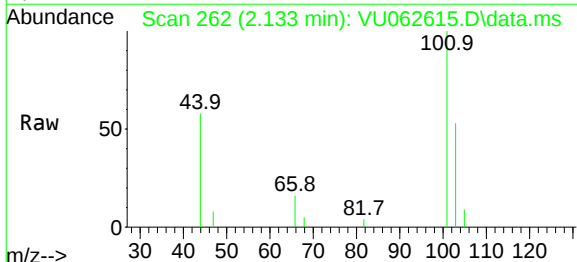
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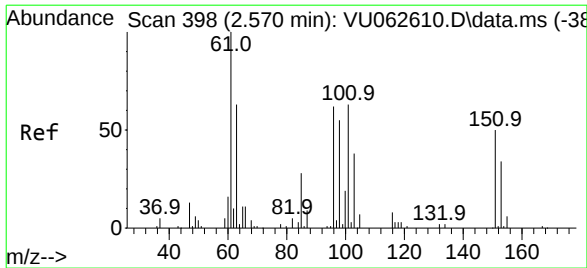
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#9
Trichlorofluoromethane
Concen: 0.229 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Tgt Ion:101 Resp: 3256
Ion Ratio Lower Upper
101 100
103 58.8 50.6 75.8





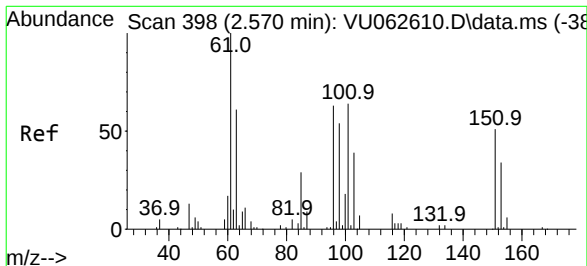
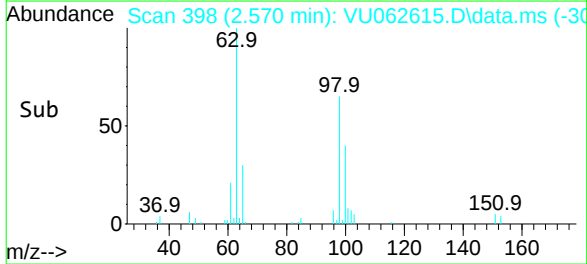
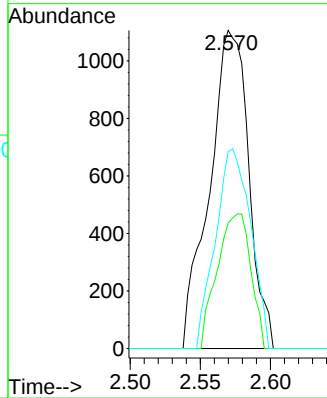
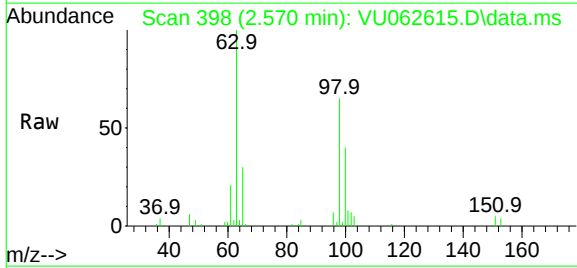
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.278 ug/L
RT: 2.570 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU062615.D
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Tgt Ion	101	Resp	2150
Ion Ratio	100		
85	36.2	38.0	57.0#
151	56.4	55.3	82.9

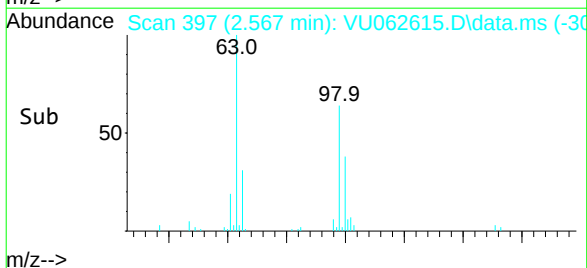
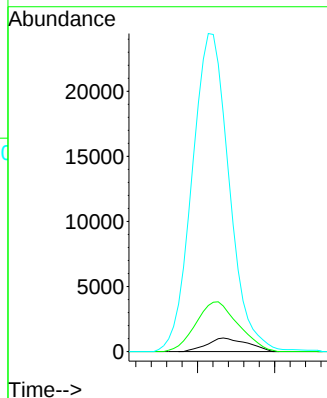
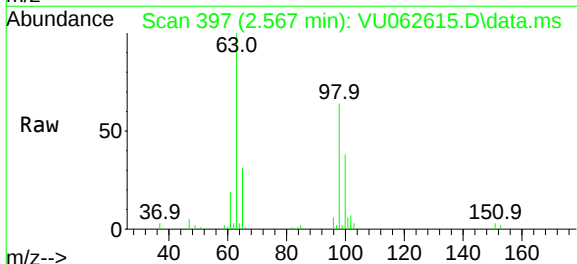
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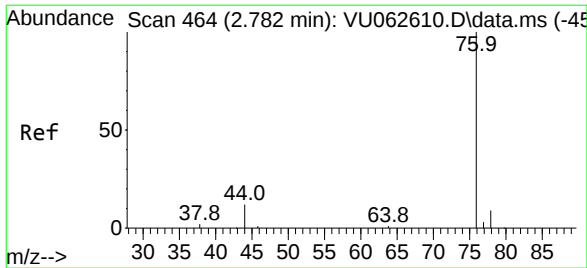
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#12
1,1-Dichloroethene
Concen: 0.261 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Tgt Ion	96	Resp	1886
Ion Ratio	100		
61	335.1	119.6	222.2#
63	1750.7	65.0	120.6#





#14

Carbon disulfide

Concen: 0.180 ug/L

RT: 2.785 min Scan# 46

Delta R.T. 0.003 min

Lab File: VU062615.D

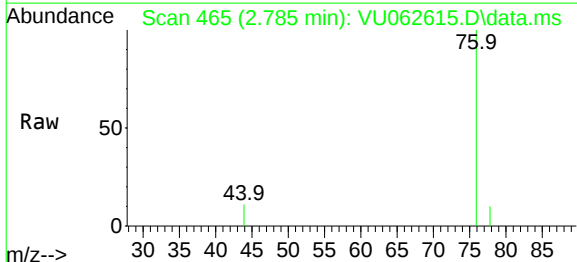
Acq: 27 Dec 2024 14:13

Instrument :

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ClientSampleId :

MDL02



Tgt Ion: 76 Resp: 4116

Ion Ratio Lower Upper

76 100

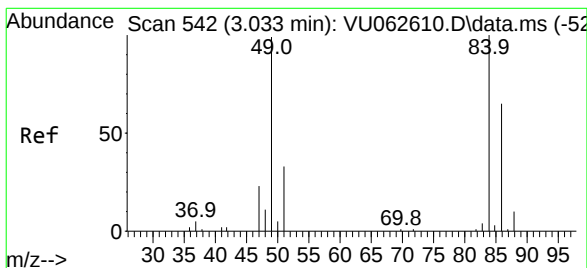
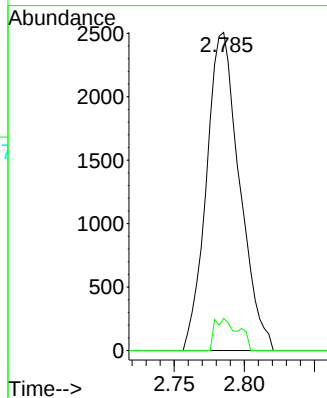
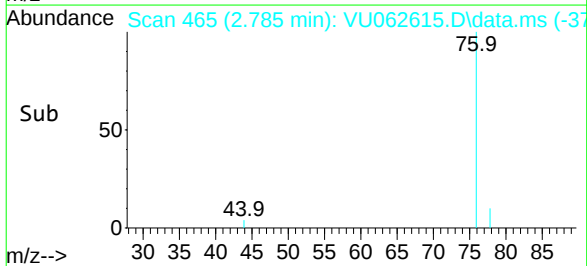
78 10.1 7.5 11.3

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Supervised By :Semsettin Yesilyurt 12/30/2024



#16

Methylene chloride

Concen: 0.232 ug/L m

RT: 3.043 min Scan# 545

Delta R.T. 0.010 min

Lab File: VU062615.D

Acq: 27 Dec 2024 14:13

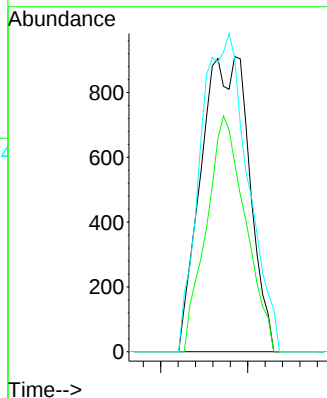
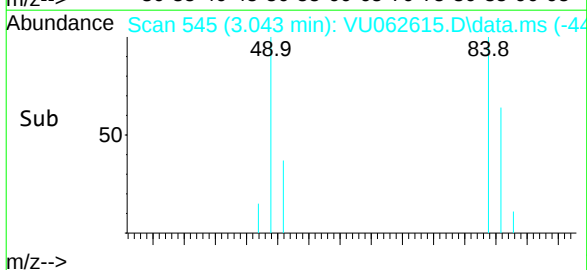
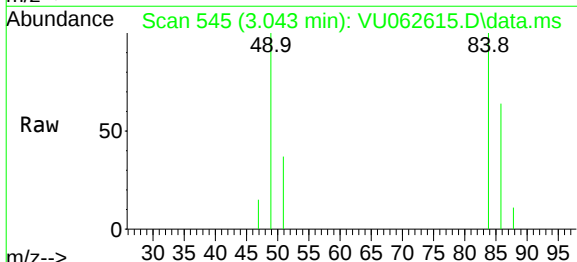
Tgt Ion: 84 Resp: 1758

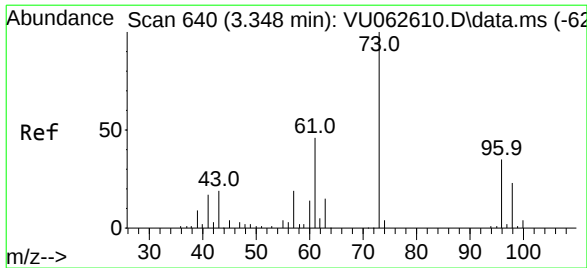
Ion Ratio Lower Upper

84 100

86 63.9 43.5 80.7

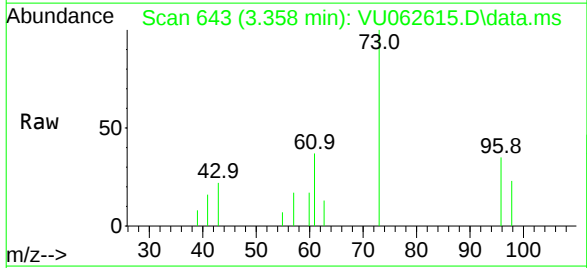
49 99.6 81.9 152.1





#17
Methyl tert-butyl Ether
Concen: 0.231 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.010 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

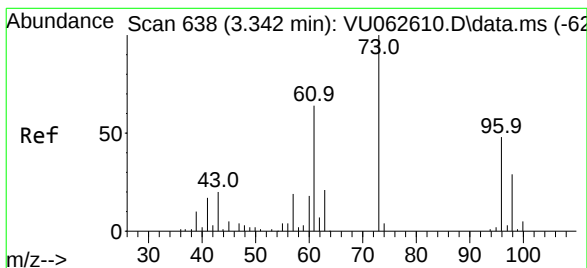
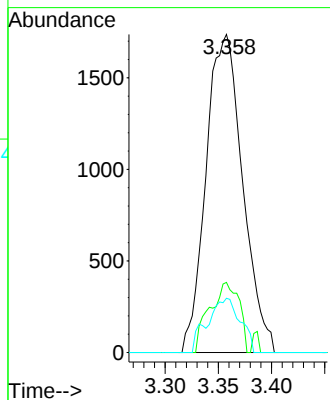
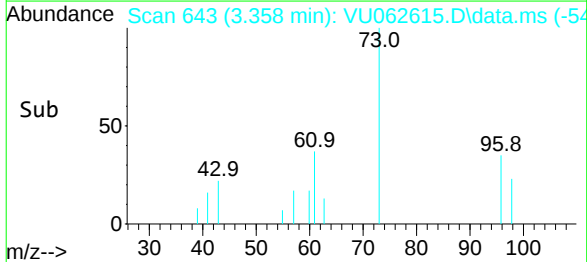
Instrument :
MSVOA_U
ClientSampleId :
MDL02



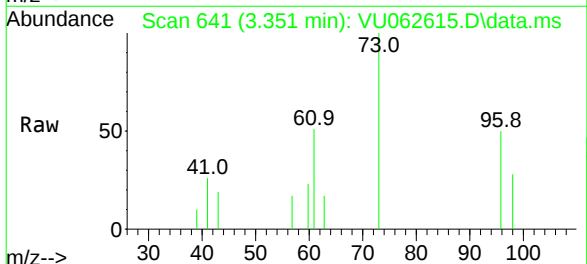
Tgt Ion: 73 Resp: 4159
Ion Ratio Lower Upper
73 100
43 17.7 16.3 24.5
57 15.3 17.1 25.7#

Manual Integrations
APPROVED

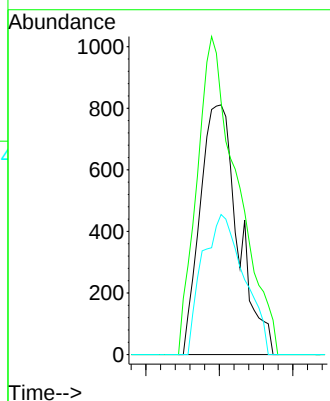
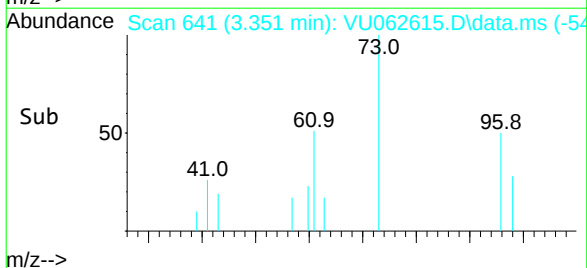
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024

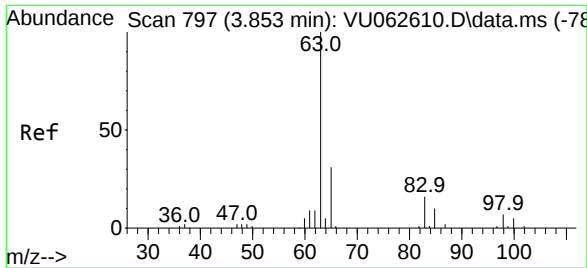


#18
trans-1,2-Dichloroethene
Concen: 0.197 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.010 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13



Tgt Ion: 96 Resp: 1462
Ion Ratio Lower Upper
96 100
61 101.4 104.2 193.4#
98 56.1 45.7 84.9





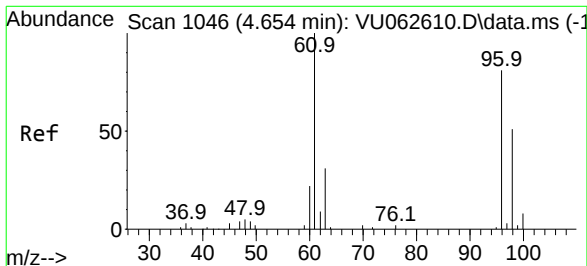
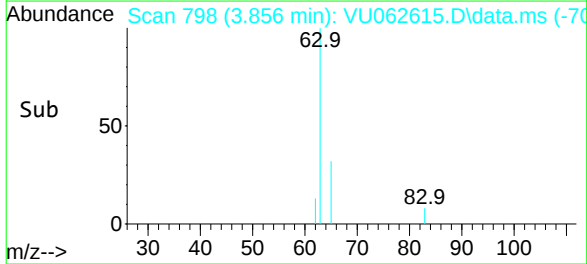
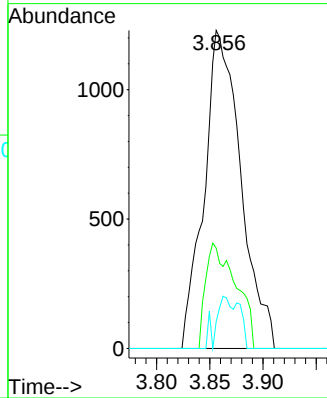
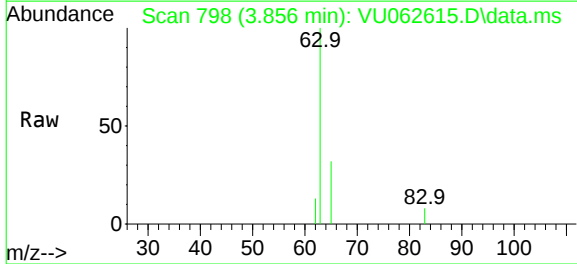
#19
1,1-Dichloroethane
Concen: 0.216 ug/L
RT: 3.856 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 63	Resp: 2948
Ion Ratio Lower Upper	
63 100	
65 31.6 22.7 42.3	
83 8.5 9.9 18.3	

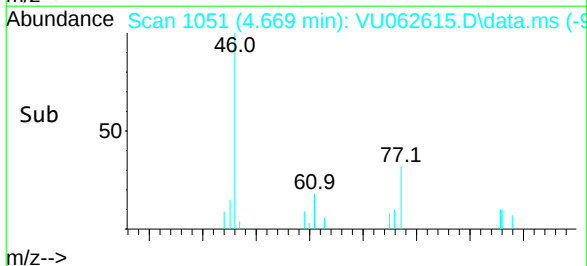
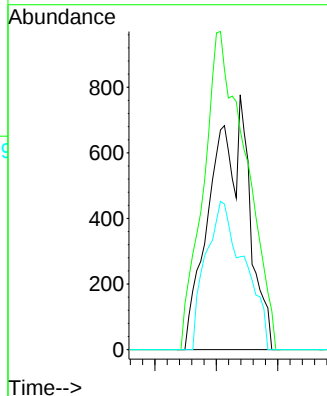
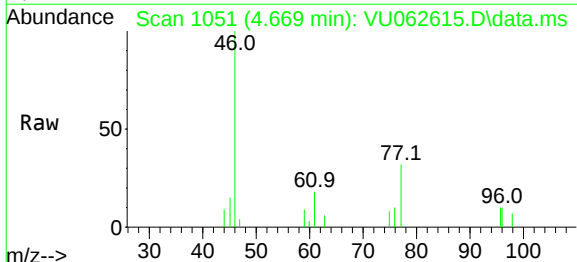
Manual Integrations
APPROVED

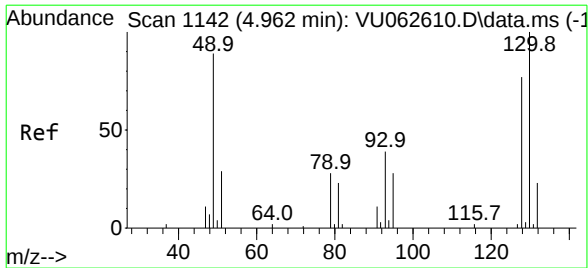
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#22
cis-1,2-Dichloroethene
Concen: 0.198 ug/L m
RT: 4.669 min Scan# 1051
Delta R.T. 0.016 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

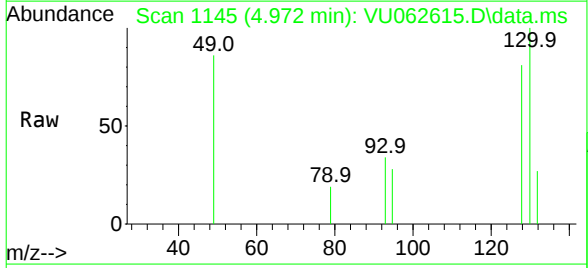
Tgt Ion: 96	Resp: 1652
Ion Ratio Lower Upper	
96 100	
61 171.1 92.0 170.8	
98 72.4 44.5 82.7	





#23
Bromochloromethane
Concen: 0.245 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.010 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

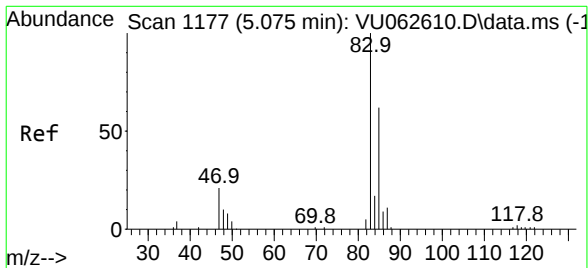
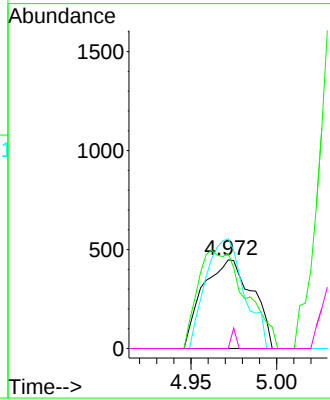
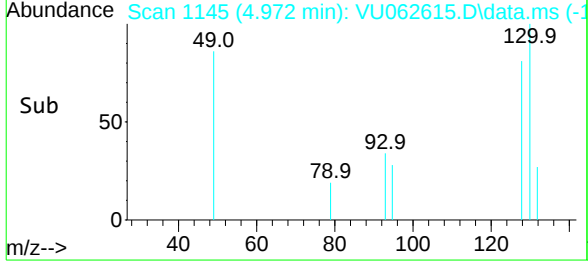
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion	Ratio	Lower	Upper
128	100		
49	107.1	115.3	214.1#
130	123.9	92.0	170.8
51	0.0	44.7	67.1#

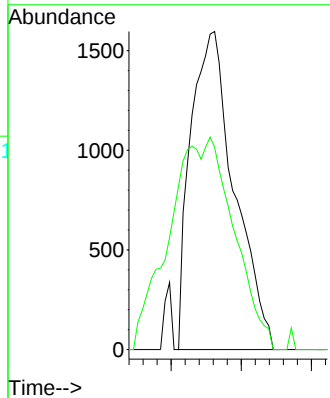
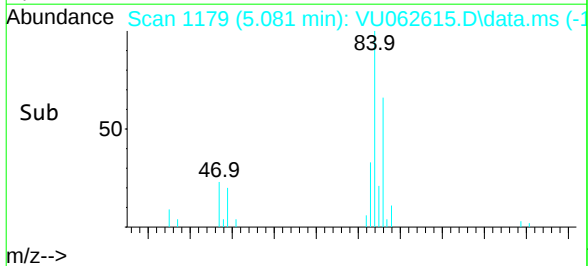
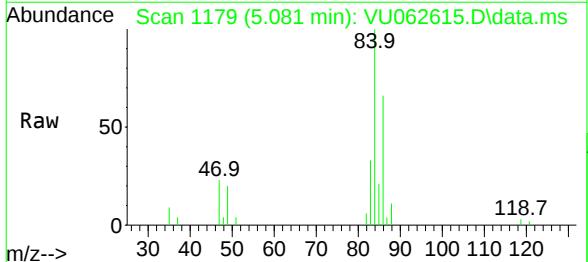
Manual Integrations
APPROVED

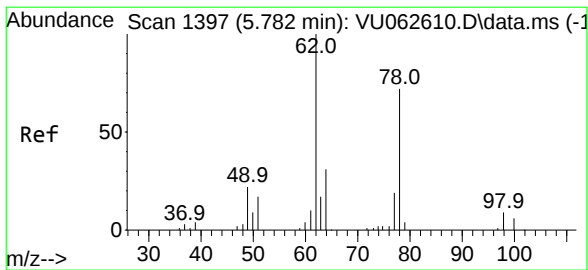
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#25
Chloroform
Concen: 0.225 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	45.4	84.2





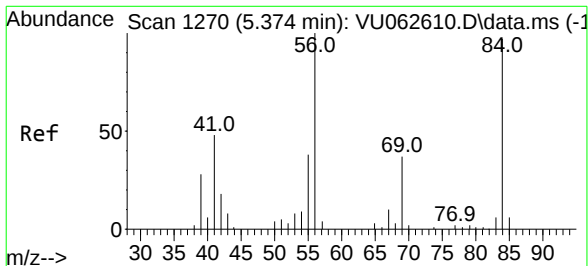
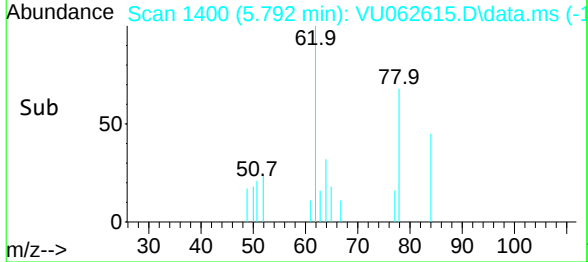
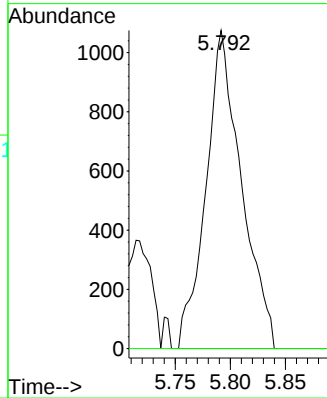
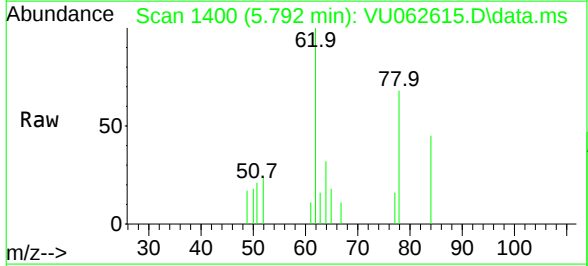
#27
1,2-Dichloroethane
Concen: 0.247 ug/L
RT: 5.792 min Scan# 14
Delta R.T. 0.010 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 2405
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

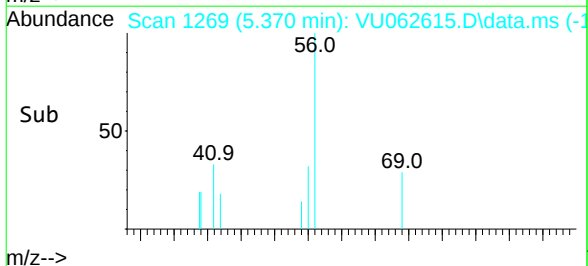
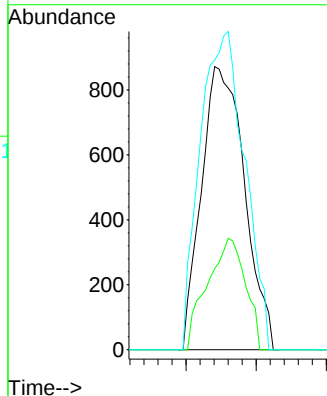
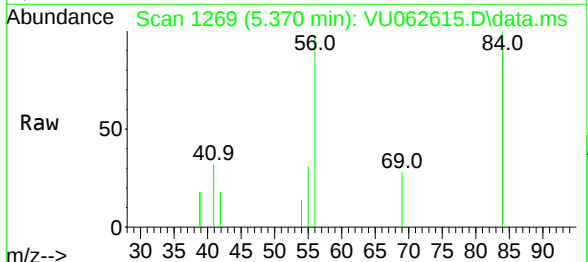
Manual Integrations
APPROVED

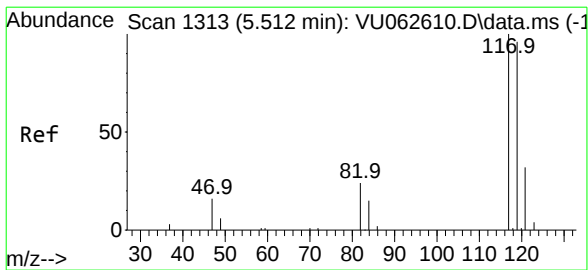
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#30
Cyclohexane
Concen: 0.161 ug/L
RT: 5.370 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

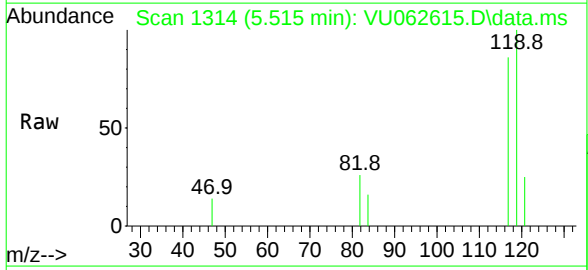
Tgt Ion: 56 Resp: 1861
Ion Ratio Lower Upper
56 100
69 34.8 25.1 37.7
84 116.4 70.6 105.8#





#31
Carbon tetrachloride
Concen: 0.227 ug/L
RT: 5.515 min Scan# 1313
Delta R.T. 0.003 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

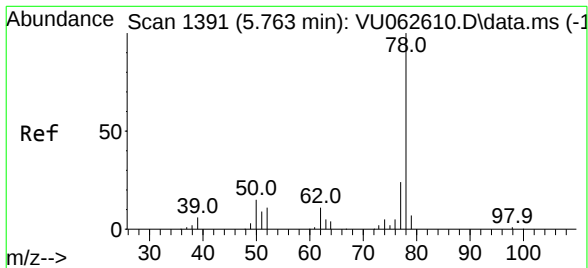
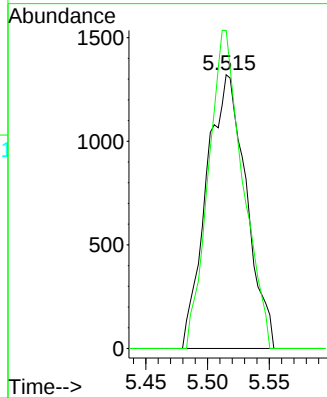
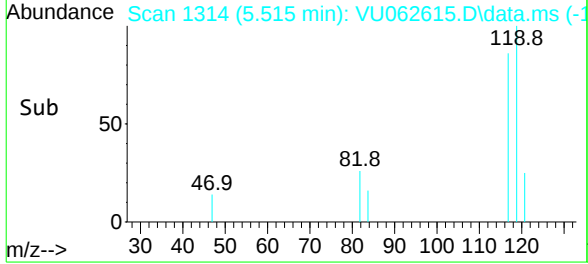
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 117 Resp: 2961
Ion Ratio Lower Upper
117 100
119 100.1 77.5 116.3

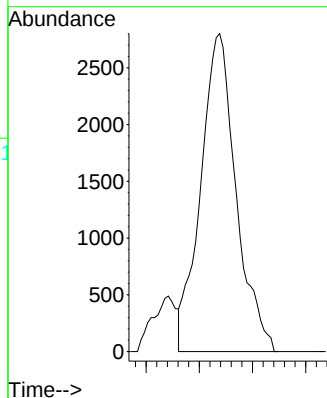
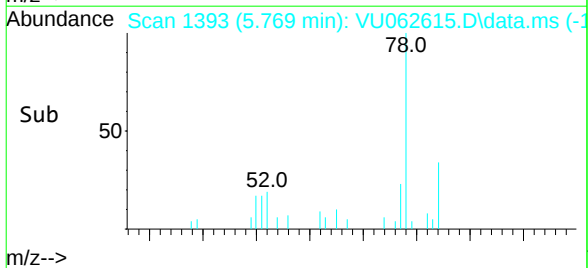
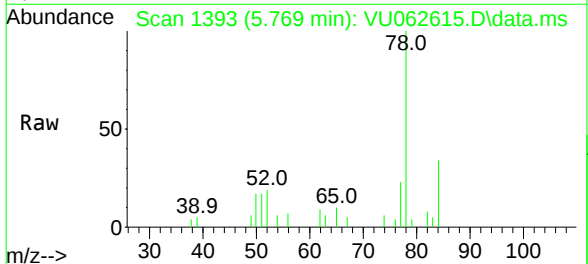
Manual Integrations
APPROVED

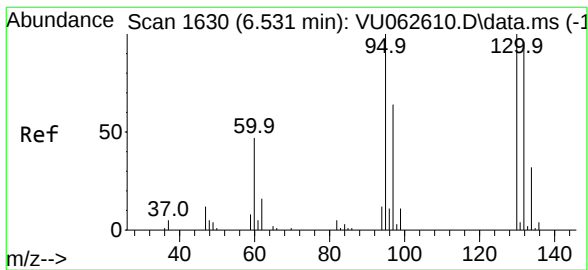
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#33
Benzene
Concen: 0.206 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Tgt Ion: 78 Resp: 6473





#34

Trichloroethene

Concen: 0.396 ug/L

RT: 6.538 min Scan# 16

Delta R.T. 0.006 min

Lab File: VU062615.D

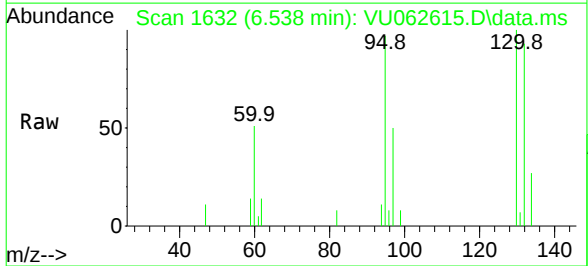
Acq: 27 Dec 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

MDL02



Tgt Ion: 95 Resp: 3514

Ion Ratio Lower Upper

95 100

97 52.2 45.9 85.3

132 96.1 63.8 118.4

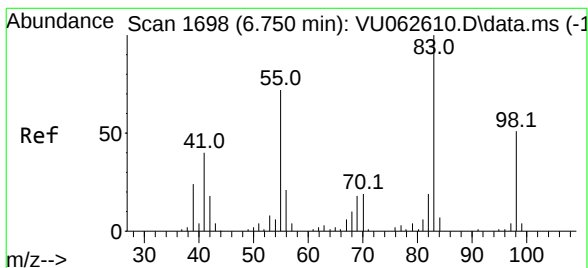
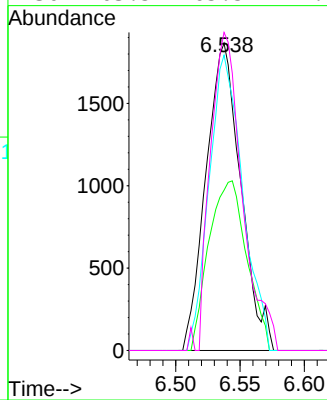
130 103.5 65.5 121.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024

Supervised By :Semsettin Yesilyurt 12/30/2024



#35

Methylcyclohexane

Concen: 0.179 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VU062615.D

Acq: 27 Dec 2024 14:13

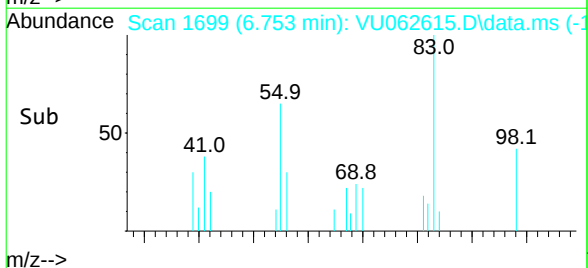
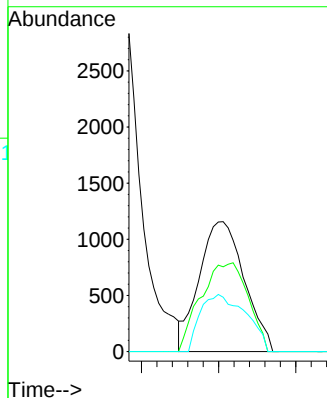
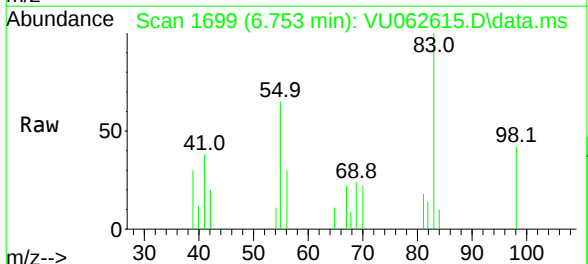
Tgt Ion: 83 Resp: 2353

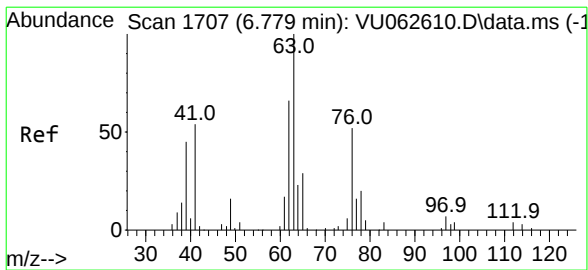
Ion Ratio Lower Upper

83 100

55 71.7 60.7 91.1

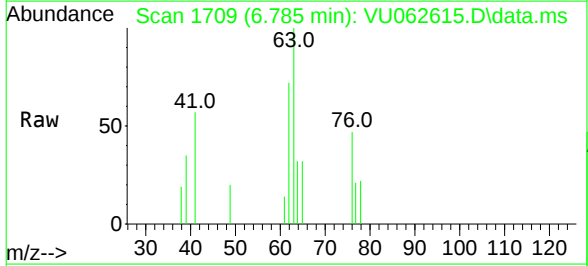
98 44.4 34.8 52.2





#37
1,2-Dichloropropane
Concen: 0.191 ug/L
RT: 6.785 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

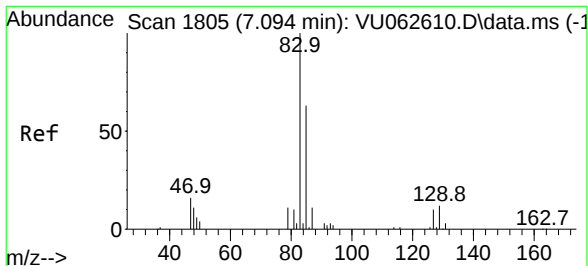
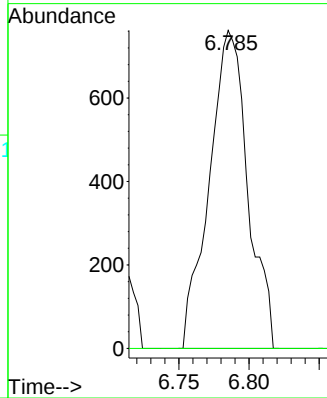
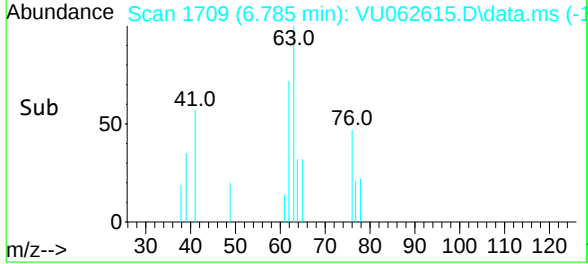
Instrument :
MSVOA_U
ClientSampleId :
MDL02



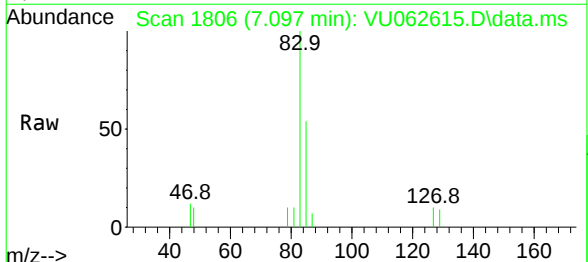
Tgt Ion: 63 Resp: 1458
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

Manual Integrations
APPROVED

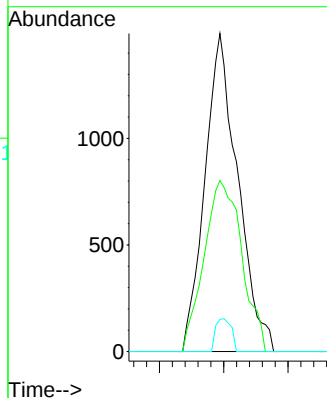
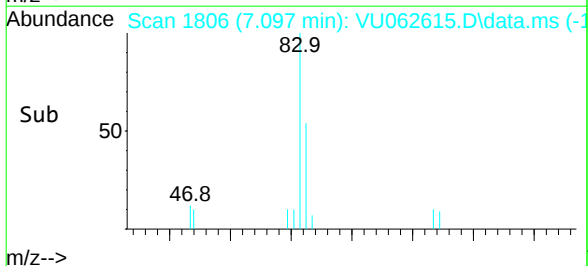
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024

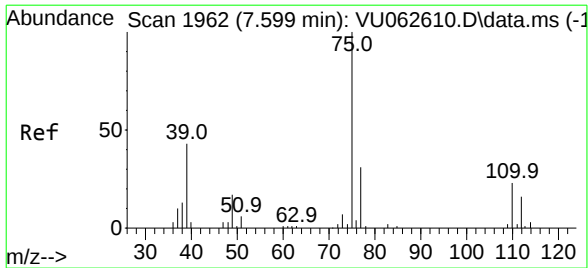


#38
Bromodichloromethane
Concen: 0.246 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13



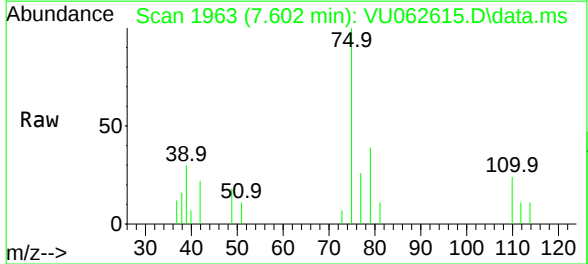
Tgt Ion: 83 Resp: 2646
Ion Ratio Lower Upper
83 100
85 53.8 44.1 81.9
127 10.1 6.9 10.3





#39
cis-1,3-Dichloropropene
Concen: 0.225 ug/L
RT: 7.602 min Scan# 1962
Delta R.T. 0.003 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

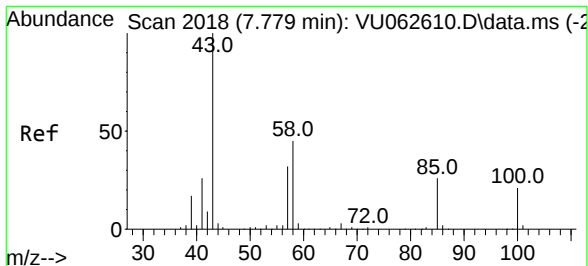
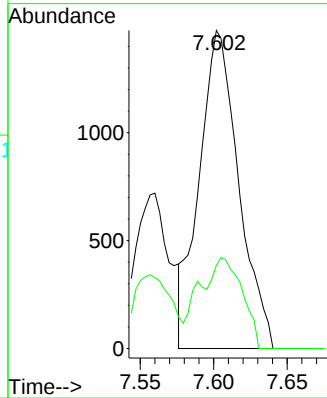
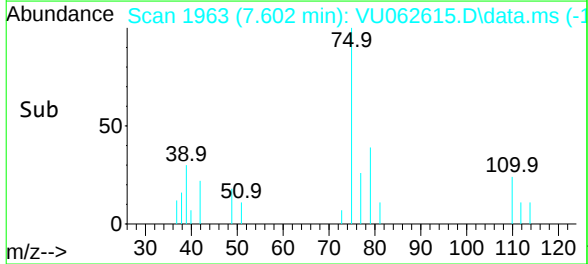
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 75 Resp: 2753
Ion Ratio Lower Upper
75 100
77 26.1 22.3 41.3

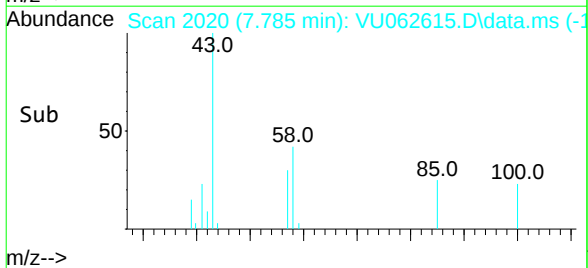
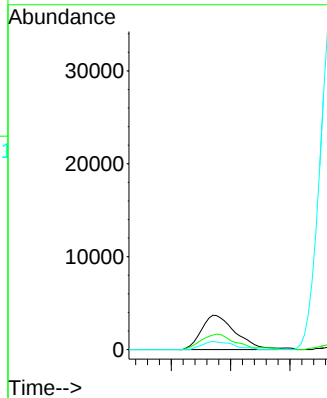
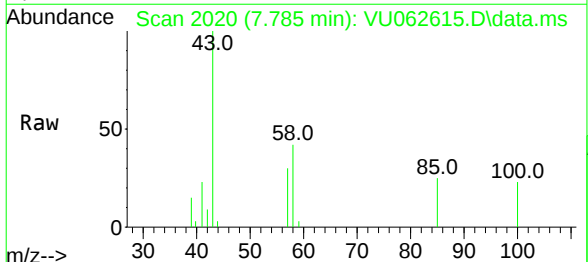
Manual Integrations
APPROVED

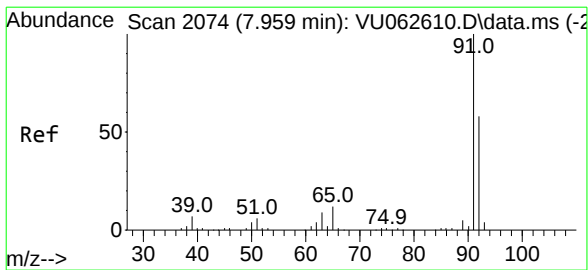
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#40
4-Methyl-2-pentanone
Concen: 2.058 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Tgt Ion: 43 Resp: 7363
Ion Ratio Lower Upper
43 100
58 46.0 33.3 49.9
100 0.0 12.4 18.6#





#42

Toluene

Concen: 0.205 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU062615.D

Acq: 27 Dec 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion: 91 Resp: 6918

Ion Ratio Lower Upper

91 100

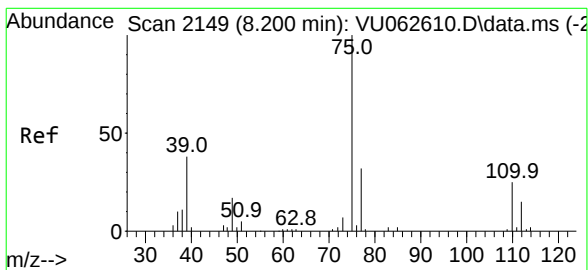
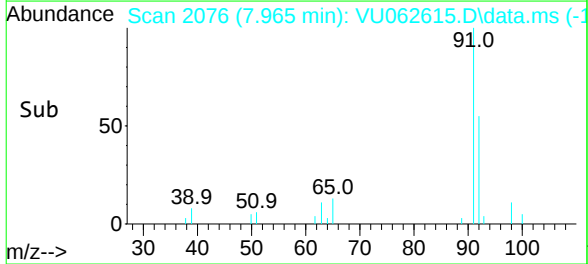
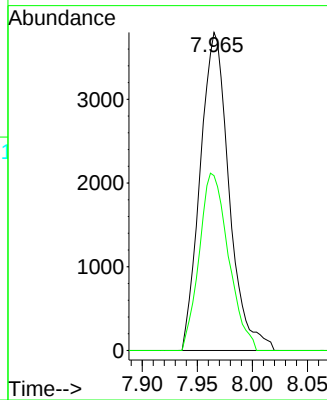
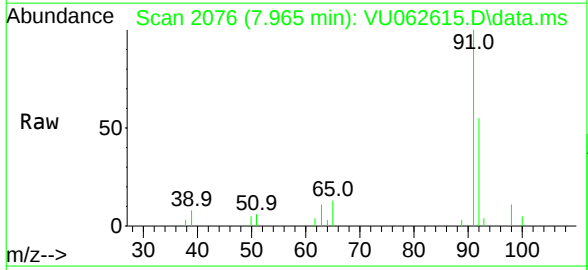
92 55.0 39.0 72.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024

Supervised By :Semsettin Yesilyurt 12/30/2024



#44

trans-1,3-Dichloropropene

Concen: 0.290 ug/L m

RT: 8.213 min Scan# 2153

Delta R.T. 0.013 min

Lab File: VU062615.D

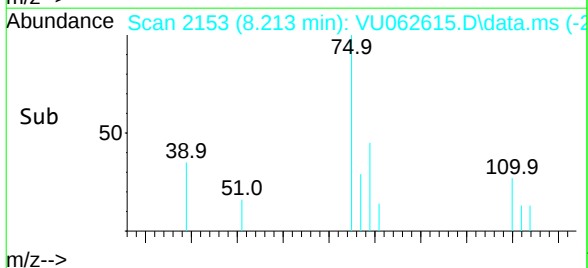
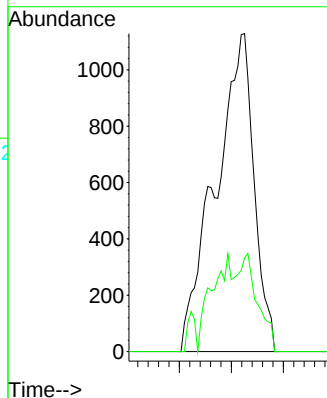
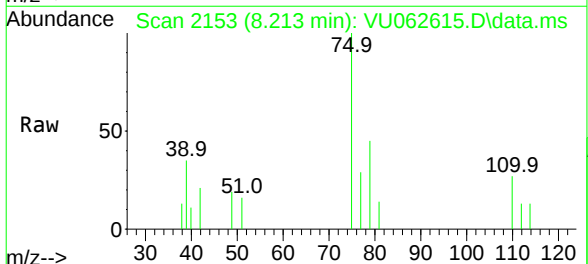
Acq: 27 Dec 2024 14:13

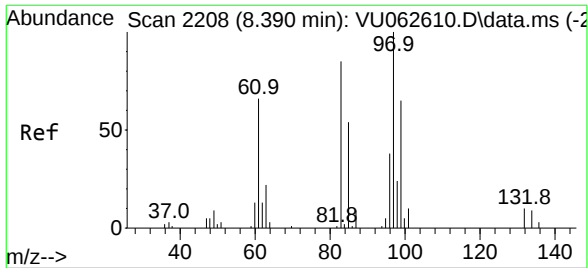
Tgt Ion: 75 Resp: 2900

Ion Ratio Lower Upper

75 100

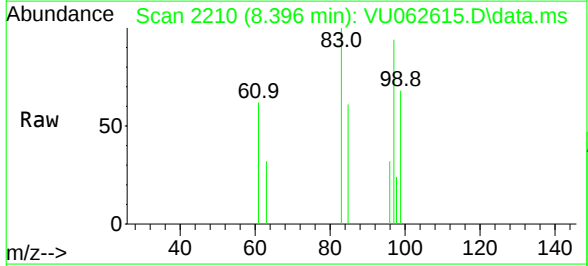
77 29.4 21.8 40.4





#45
1,1,2-Trichloroethane
Concen: 0.226 ug/L
RT: 8.396 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

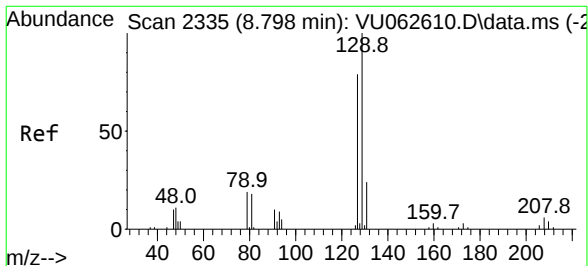
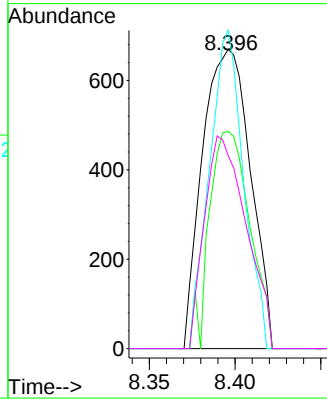
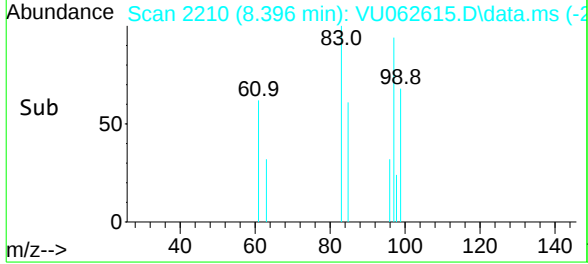
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion	Ratio	Lower	Upper
97	100		
99	72.5	43.0	79.8
83	106.3	61.7	114.5
85	64.5	40.1	74.5

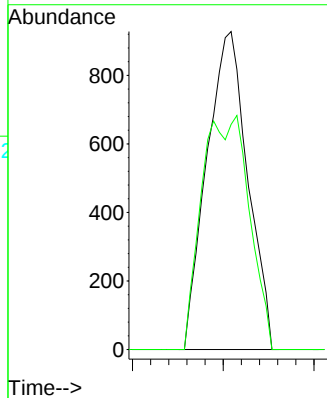
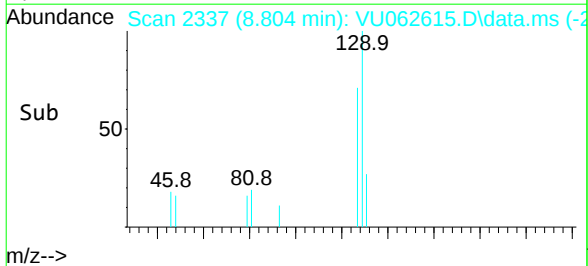
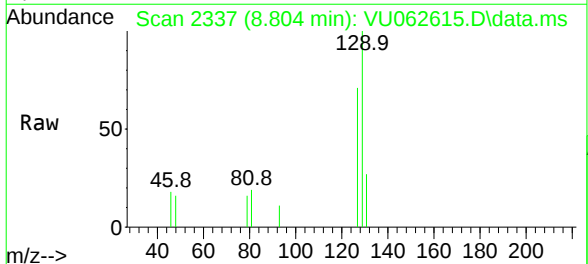
Manual Integrations
APPROVED

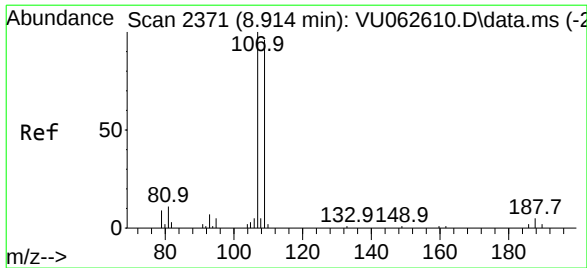
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#49
Dibromochloromethane
Concen: 0.209 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

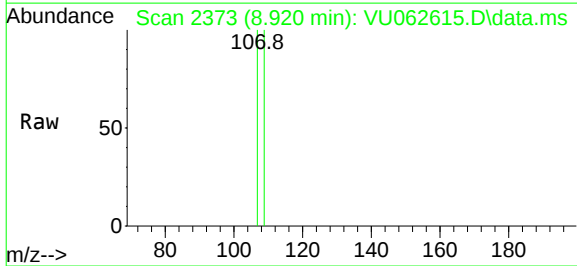
Tgt Ion	Ratio	Lower	Upper
129	100		
127	70.8	51.1	94.9





#50
1,2-Dibromoethane
Concen: 0.224 ug/L
RT: 8.920 min Scan# 2371
Delta R.T. 0.006 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

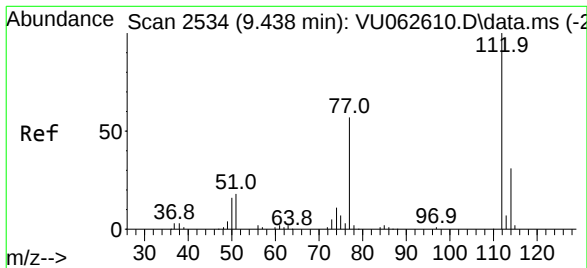
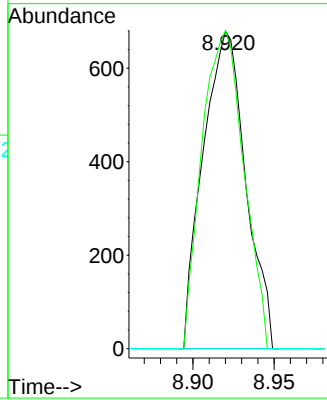
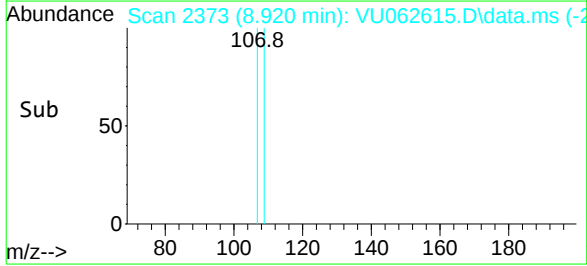
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion:	107	Resp:	1242
Ion	Ratio	Lower	Upper
107	100		
109	100.3	66.8	124.2
188	0.0	2.3	3.5#

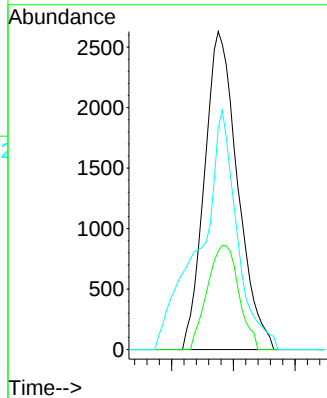
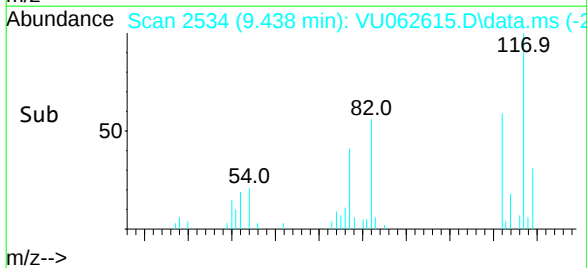
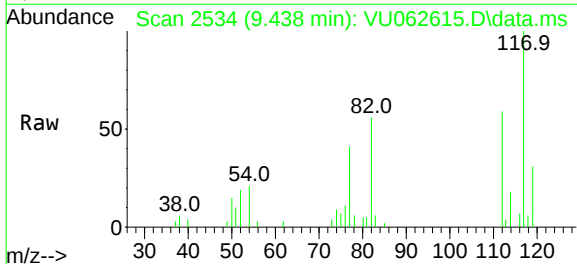
Manual Integrations
APPROVED

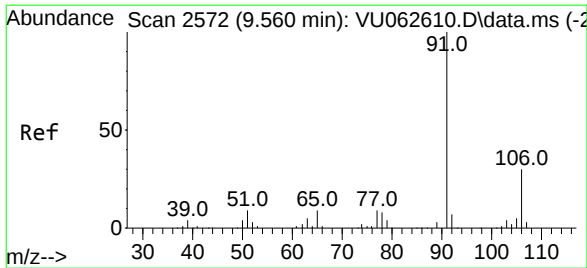
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#51
Chlorobenzene
Concen: 0.226 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Tgt Ion:	112	Resp:	4902
Ion	Ratio	Lower	Upper
112	100		
114	28.8	23.0	42.6
77	65.0	50.5	75.7





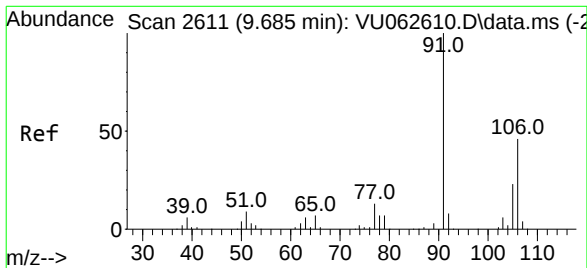
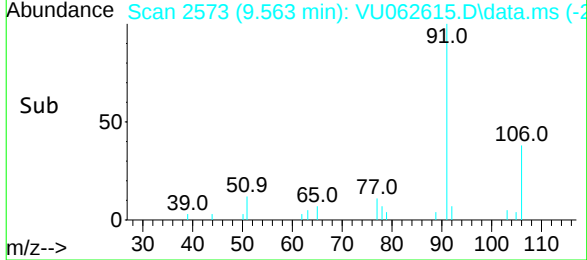
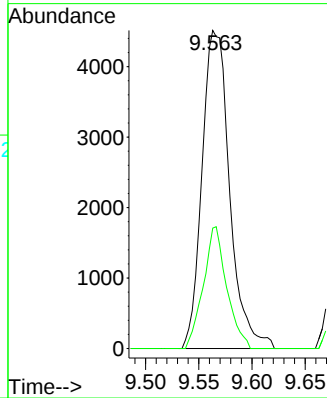
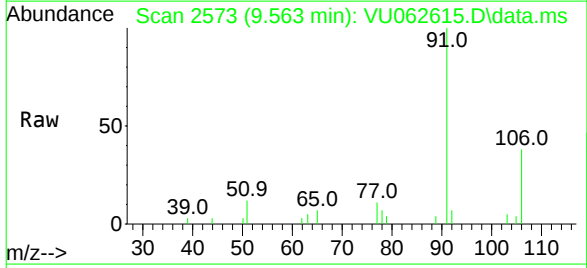
#52
Ethylbenzene
Concen: 0.215 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 8143
Ion Ratio Lower Upper
91 100
106 37.9 21.6 40.0

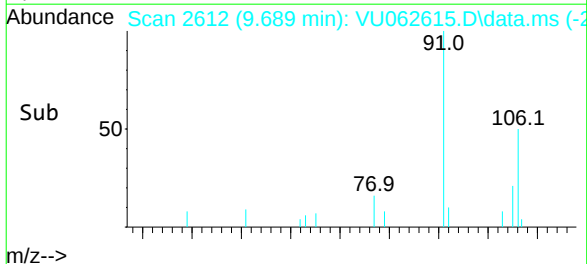
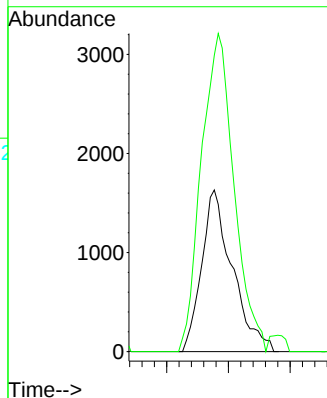
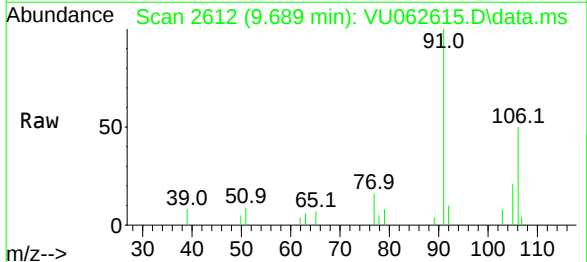
Manual Integrations
APPROVED

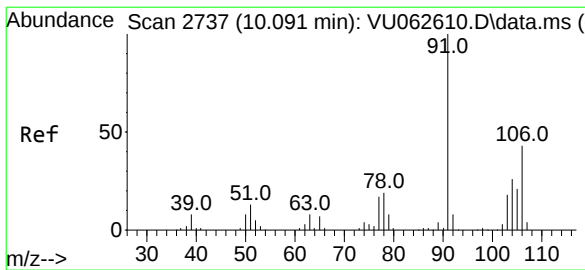
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#53
m,p-Xylene
Concen: 0.202 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Tgt Ion:106 Resp: 2823
Ion Ratio Lower Upper
106 100
91 183.3 147.6 274.0





#54

o-Xylene

Concen: 0.203 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.006 min

Lab File: VU062615.D

Acq: 27 Dec 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion:106 Resp: 2762

Ion Ratio Lower Upper

106 100

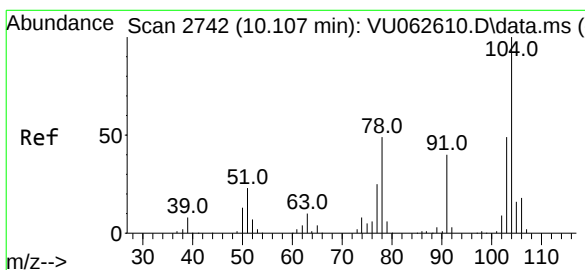
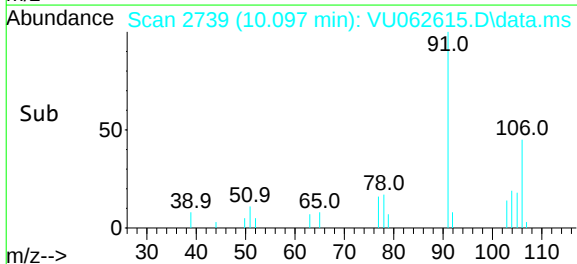
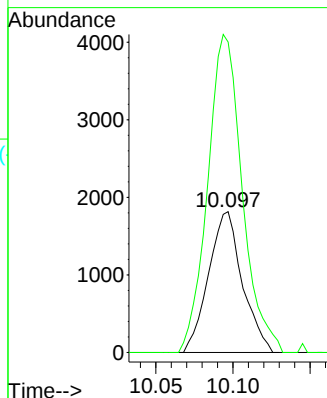
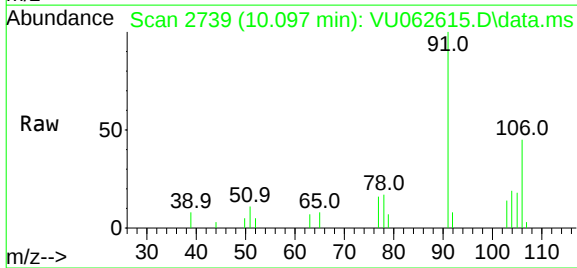
91 220.4 159.8 296.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024

Supervised By :Semsettin Yesilyurt 12/30/2024



#55

Styrene

Concen: 0.199 ug/L

RT: 10.116 min Scan# 2745

Delta R.T. 0.010 min

Lab File: VU062615.D

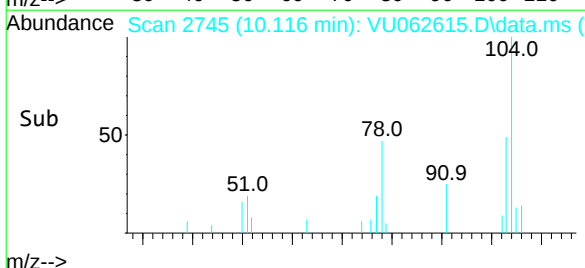
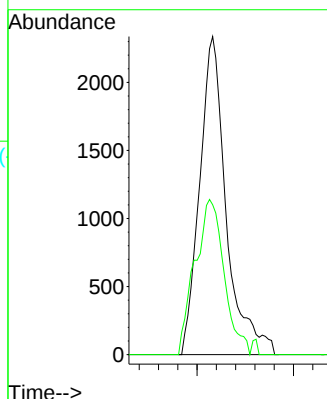
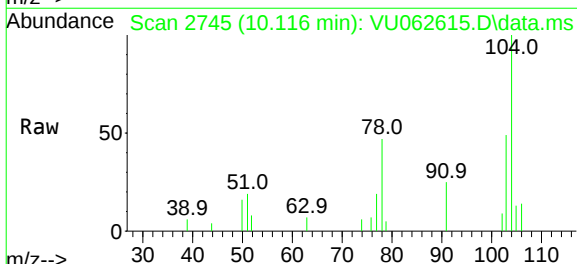
Acq: 27 Dec 2024 14:13

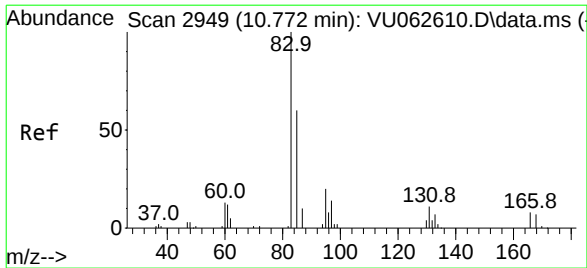
Tgt Ion:104 Resp: 4474

Ion Ratio Lower Upper

104 100

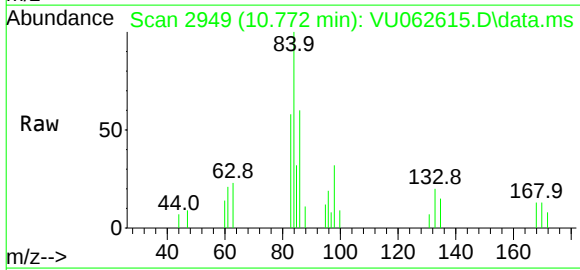
78 51.9 33.2 61.7





#57
1,1,2,2-Tetrachloroethane
Concen: 0.251 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

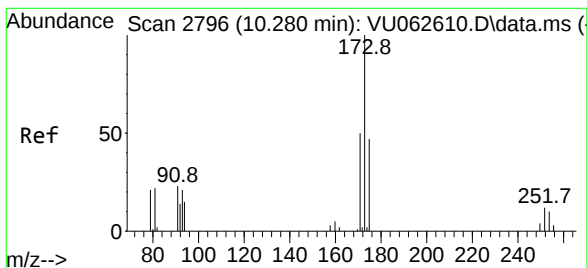
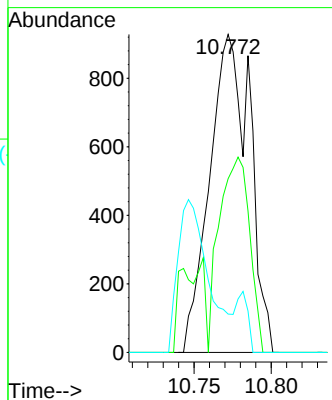
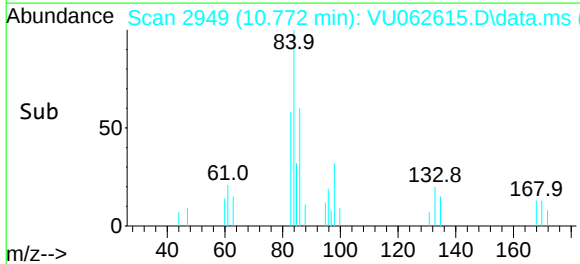
Instrument : MSVOA_U
ClientSampleId : MDL02



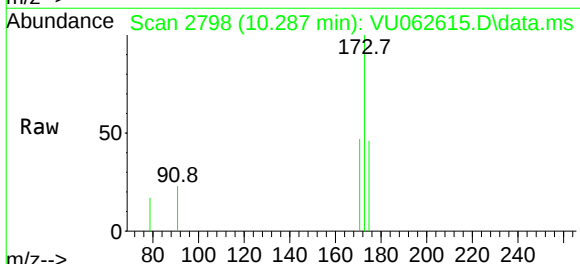
Tgt Ion: 83 Resp: 1682
Ion Ratio Lower Upper
83 100
85 54.6 44.4 82.4
131 12.1 7.3 10.9#

Manual Integrations
APPROVED

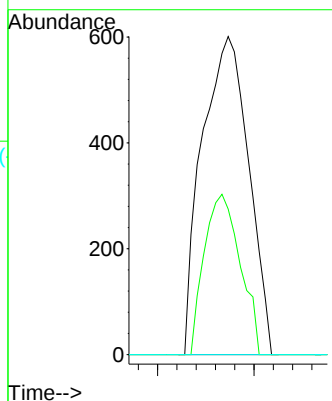
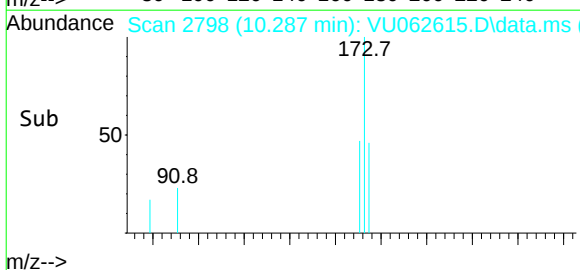
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024

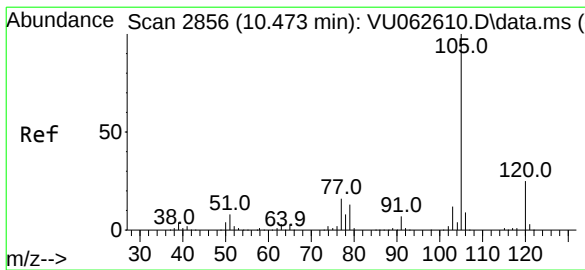


#59
Bromoform
Concen: 0.256 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.006 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13



Tgt Ion:173 Resp: 1005
Ion Ratio Lower Upper
173 100
175 39.0 39.0 58.4
254 0.0 7.4 11.0#





#60

Isopropylbenzene

Concen: 0.219 ug/L

RT: 10.476 min Scan# 28

Delta R.T. 0.003 min

Lab File: VU062615.D

Acq: 27 Dec 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

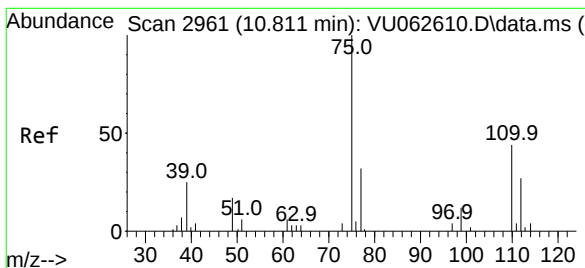
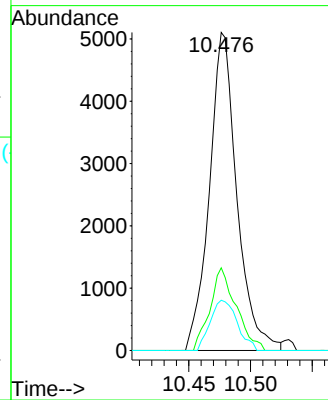
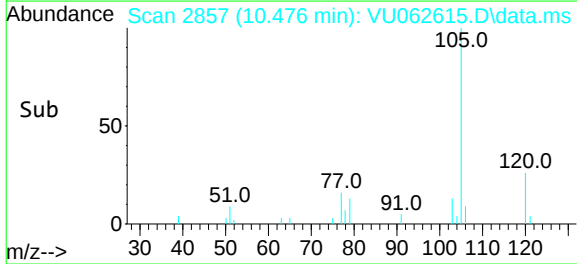
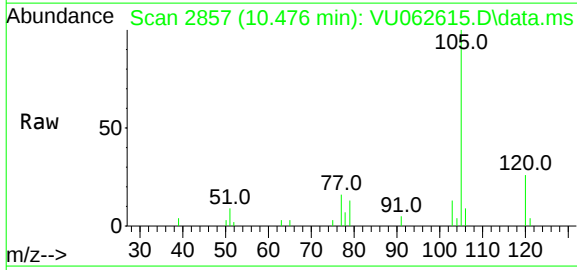
MDL02

Tgt Ion:	105	Resp:	7914
Ion	Ratio	Lower	Upper
105	100		
120	24.7	20.6	31.0
77	15.4	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: 0.224 ug/L

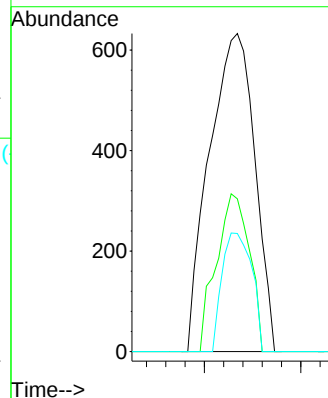
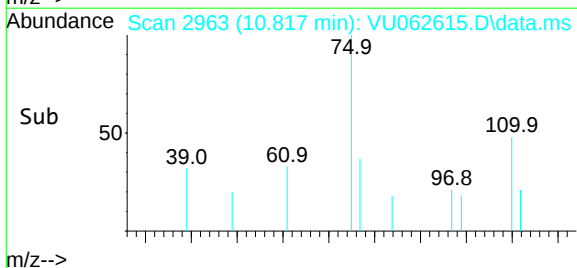
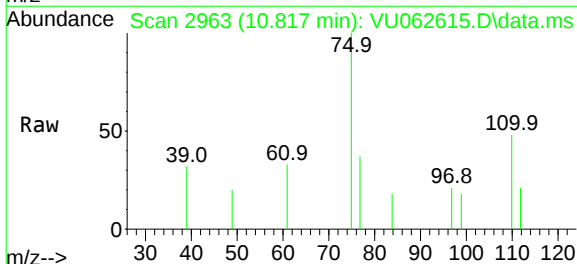
RT: 10.817 min Scan# 2963

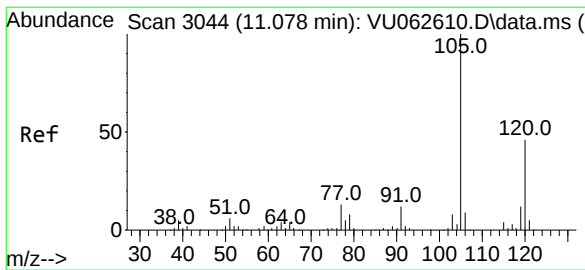
Delta R.T. 0.006 min

Lab File: VU062615.D

Acq: 27 Dec 2024 14:13

Tgt Ion:	75	Resp:	1035
Ion	Ratio	Lower	Upper
75	100		
110	36.1	28.9	43.3
77	24.3	26.5	39.7





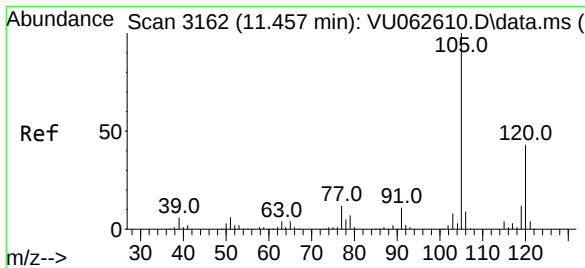
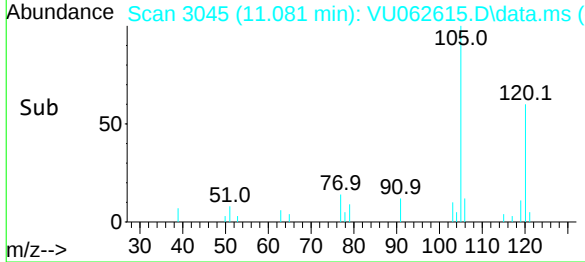
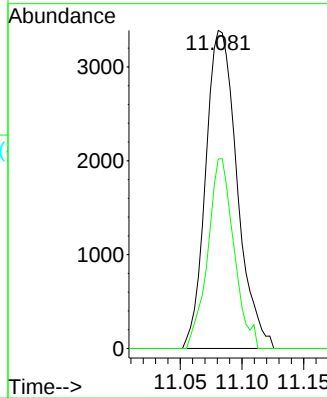
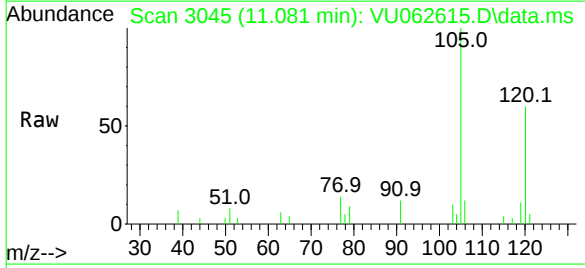
#62
1,3,5-Trimethylbenzene
Concen: 0.196 ug/L
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 5995
Ion Ratio Lower Upper
105 100
120 49.6 36.7 55.1

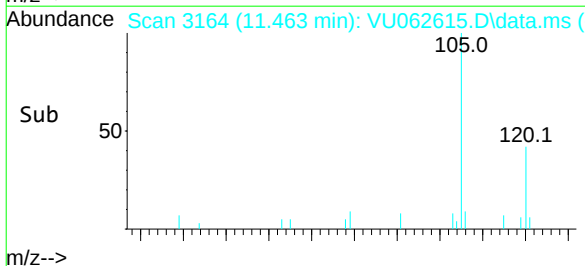
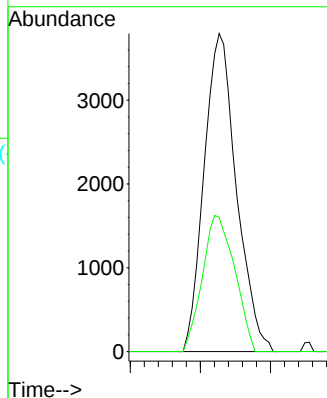
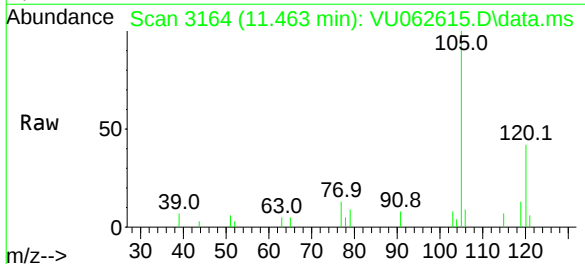
Manual Integrations
APPROVED

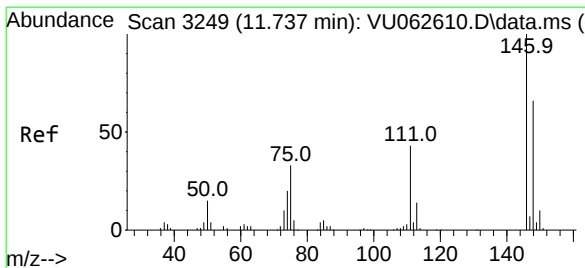
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#63
1,2,4-Trimethylbenzene
Concen: 0.203 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Tgt Ion:105 Resp: 6072
Ion Ratio Lower Upper
105 100
120 42.7 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 0.231 ug/L

RT: 11.743 min Scan# 3249

Delta R.T. 0.006 min

Lab File: VU062615.D

Acq: 27 Dec 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

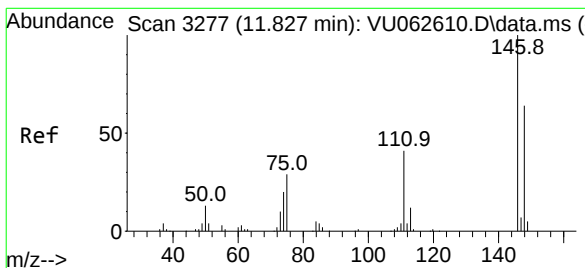
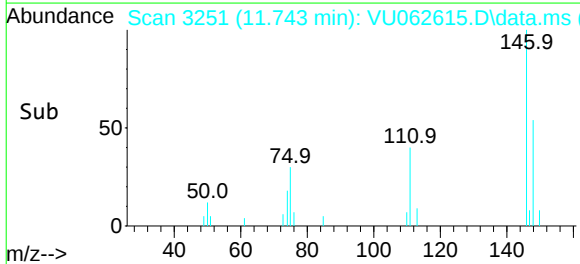
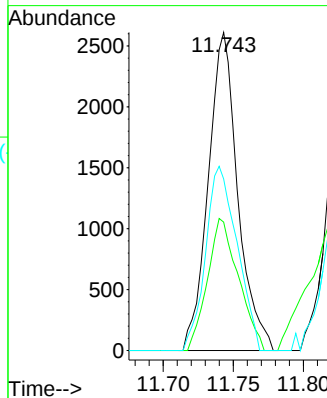
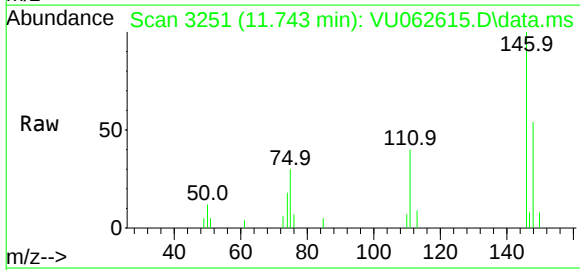
MDL02

Tgt	Ion:146	Resp:	3824
Ion	Ratio	Lower	Upper
146	100		
111	40.4	30.7	57.1
148	53.9	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: 0.246 ug/L

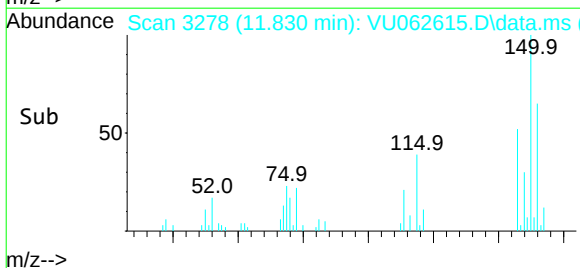
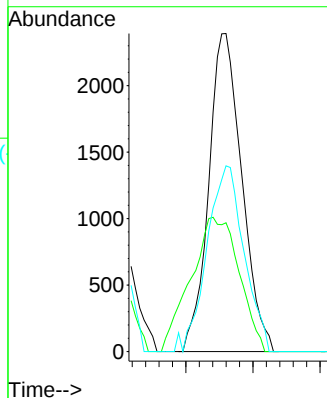
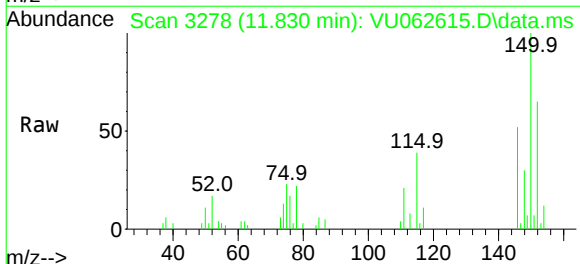
RT: 11.830 min Scan# 3278

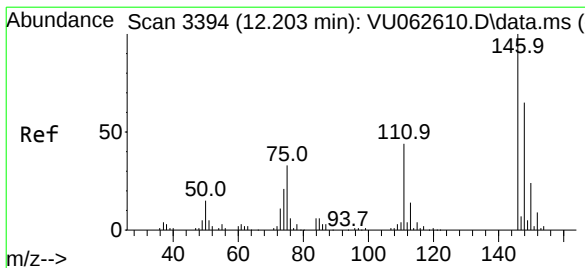
Delta R.T. 0.003 min

Lab File: VU062615.D

Acq: 27 Dec 2024 14:13

Tgt	Ion:146	Resp:	4105
Ion	Ratio	Lower	Upper
146	100		
111	40.5	29.3	54.3
148	58.4	44.6	82.8





#67

1,2-Dichlorobenzene

Concen: 0.243 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU062615.D

Acq: 27 Dec 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

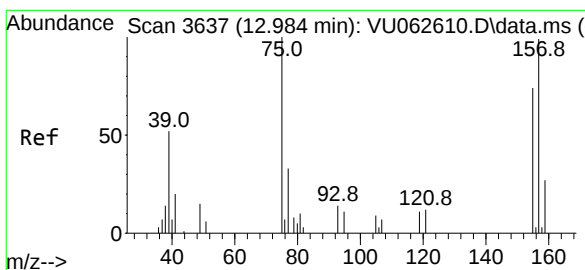
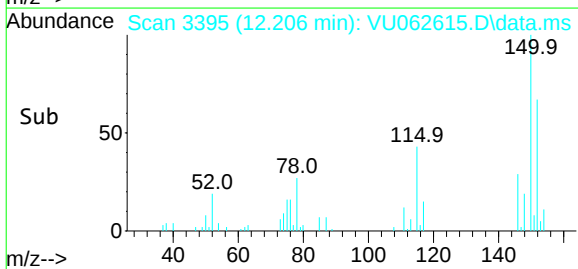
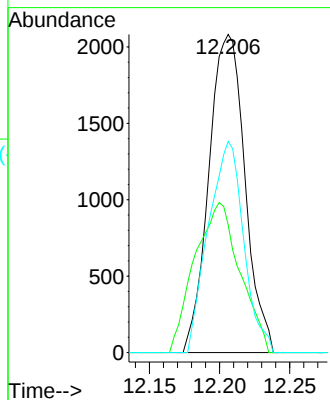
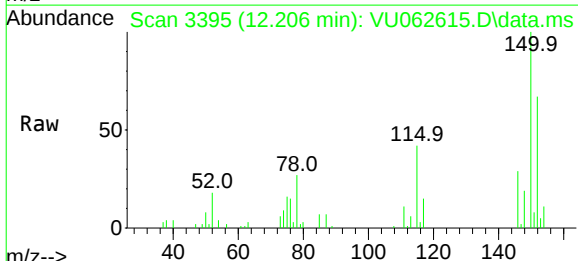
MDL02

Tgt Ion:	146	Resp:	3721
Ion	Ratio	Lower	Upper
146	100		
111	40.2	36.0	54.0
148	66.4	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: 0.159 ug/L m

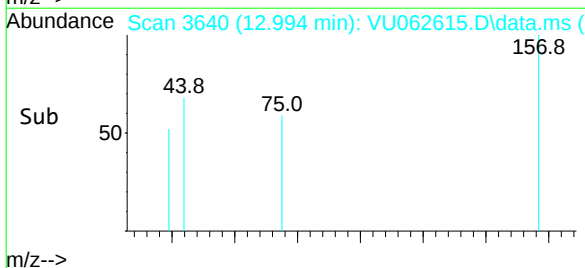
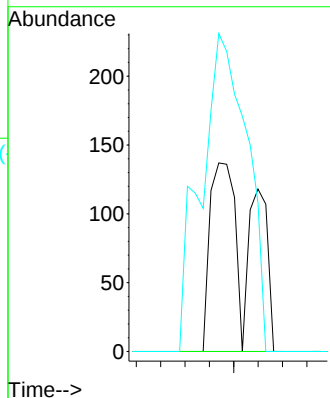
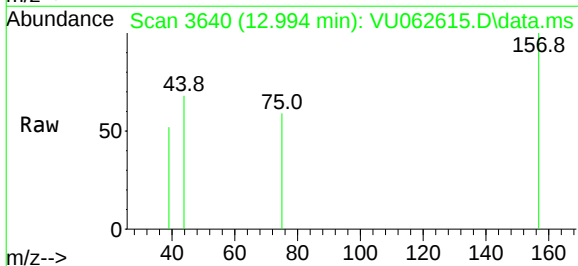
RT: 12.994 min Scan# 3640

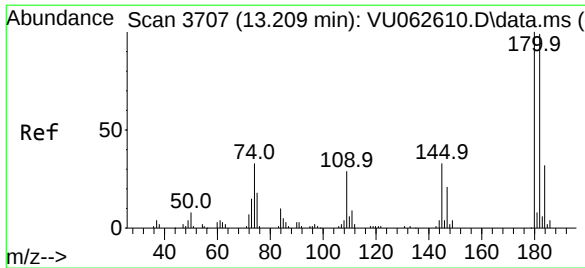
Delta R.T. 0.010 min

Lab File: VU062615.D

Acq: 27 Dec 2024 14:13

Tgt Ion:	75	Resp:	160
Ion	Ratio	Lower	Upper
75	100		
155	0.0	55.2	82.8#
157	168.6	73.5	110.3#





#69

1,3,5-Trichlorobenzene

Concen: 0.244 ug/L

RT: 13.219 min Scan# 3707

Delta R.T. 0.010 min

Lab File: VU062615.D

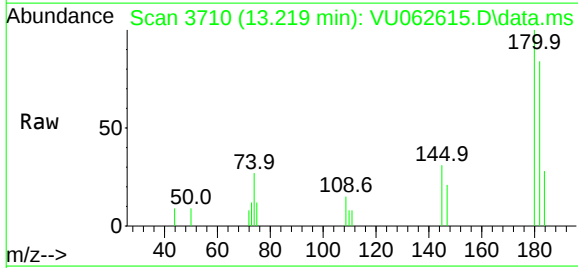
Acq: 27 Dec 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

MDL02



Tgt Ion:180 Resp: 3005

Ion Ratio Lower Upper

180 100

182 93.0 76.7 115.1

184 26.2 24.8 37.2

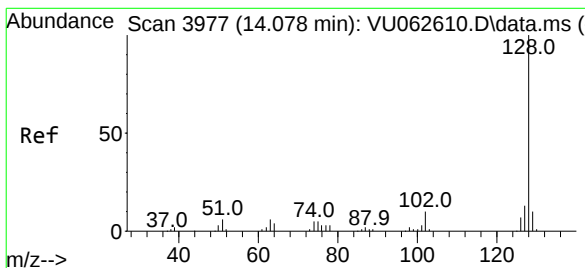
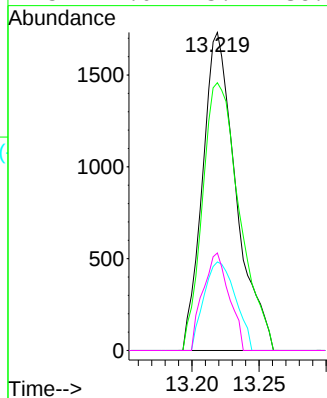
145 24.0 25.4 38.0#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024

Supervised By :Semsettin Yesilyurt 12/30/2024



#71

Naphthalene

Concen: 0.216 ug/L m

RT: 14.100 min Scan# 3984

Delta R.T. 0.022 min

Lab File: VU062615.D

Acq: 27 Dec 2024 14:13

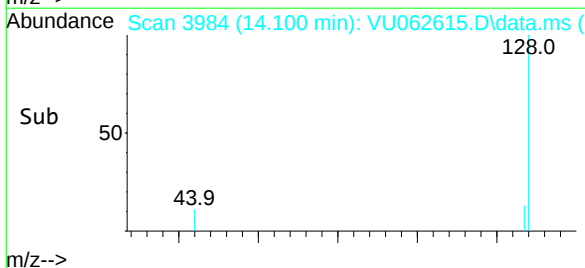
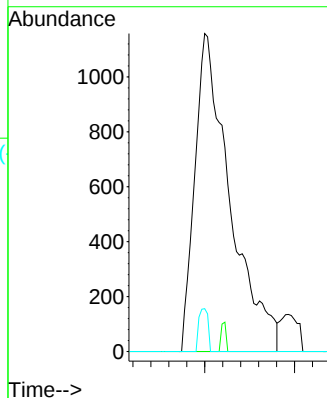
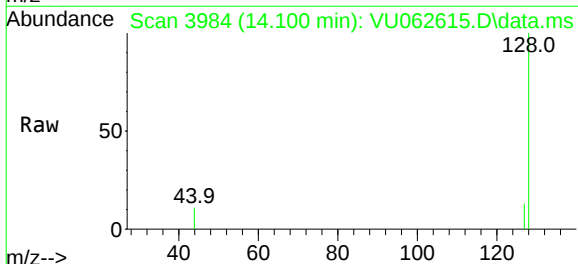
Tgt Ion:128 Resp: 3152

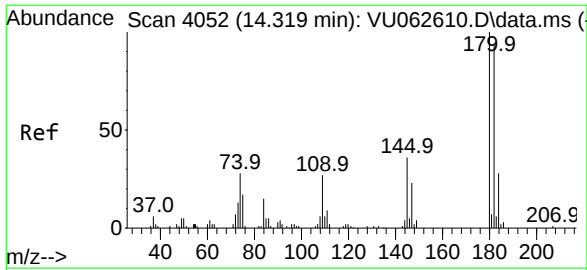
Ion Ratio Lower Upper

128 100

129 1.3 8.5 12.7#

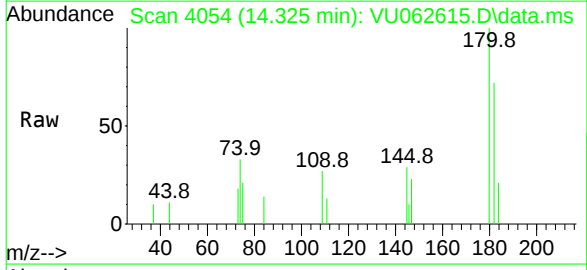
127 3.5 10.2 15.4#





#72
1,2,3-Trichlorobenzene
Concen: 0.249 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.006 min
Lab File: VU062615.D
Acq: 27 Dec 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion:	180	Resp:	2136
Ion Ratio	Lower	Upper	
180	100		
182	0.0	76.1	114.1#
145	14.8	27.4	41.0#

Manual Integrations
APPROVED

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

