

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060356.D
 Acq On : 08 Aug 2024 14:57
 Operator : MD/SY
 Sample : P3391-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2024-05

Quant Time: Aug 09 00:06:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:46:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	117945	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	123492	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45146	4.876	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.911	69	41540	4.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.563	65	18912	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.644	46	93877	47.779	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.560%
24) Chloroform-d	5.055	84	88416	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.695	65	43660	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.721	84	177372	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.682	67	58895	5.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.891	98	152795	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.177	79	17975	4.813	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.631	63	77678	46.868	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	46339	4.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	56356	5.454	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	1059	0.166	ug/L	92
3) Chloromethane	1.518	50	1658	0.210	ug/L	85
5) Vinyl chloride	1.602	62	1982	0.214	ug/L #	43
6) Bromomethane	1.856	94	1303	0.199	ug/L	91
8) Chloroethane	1.933	64	1504m	0.239	ug/L	
9) Trichlorofluoromethane	2.139	101	2726	0.210	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	2238	0.261	ug/L #	54
12) 1,1-Dichloroethene	2.573	96	2069	0.266	ug/L #	1
14) Carbon disulfide	2.788	76	4421	0.225	ug/L	96
16) Methylene chloride	3.046	84	4575	0.414	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	3315	0.181	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	1547	0.203	ug/L	92
19) 1,1-Dichloroethane	3.869	63	3234	0.205	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	1940	0.211	ug/L	89
23) Bromochloromethane	4.975	128	771	0.181	ug/L #	82
25) Chloroform	5.078	83	3902	0.228	ug/L	97
27) 1,2-Dichloroethane	5.801	62	2006m	0.220	ug/L	
30) Cyclohexane	5.380	56	1842m	0.168	ug/L	
31) Carbon tetrachloride	5.521	117	2343	0.198	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.772	78	7032	0.198	ug/L	100
35) Methylcyclohexane	6.756	83	2455	0.202	ug/L #	83
37) 1,2-Dichloropropane	6.785	63	2152	0.222	ug/L #	88
38) Bromodichloromethane	7.106	83	2267	0.190	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	2419	0.184	ug/L	94
40) 4-Methyl-2-pentanone	7.791	43	8449m	1.871	ug/L	
42) Toluene	7.968	91	7021	0.187	ug/L	95
44) trans-1,3-Dichloropropene	8.213	75	2154m	0.198	ug/L	
45) 1,1,2-Trichloroethane	8.399	97	1488	0.201	ug/L	90
49) Dibromochloromethane	8.801	129	1680	0.213	ug/L	97
50) 1,2-Dibromoethane	8.920	107	1151	0.174	ug/L #	92
51) Chlorobenzene	9.441	112	5319	0.210	ug/L	98
52) Ethylbenzene	9.569	91	7430	0.188	ug/L	92
53) m,p-Xylene	9.695	106	2858	0.190	ug/L	81
54) o-Xylene	10.100	106	2469	0.172	ug/L	83
55) Styrene	10.119	104	3808	0.153	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	2032	0.221	ug/L	93
59) Bromoform	10.283	173	849	0.199	ug/L #	91
60) Isopropylbenzene	10.479	105	5966	0.176	ug/L	98
61) 1,2,3-Trichloropropane	10.823	75	1149	0.212	ug/L #	90
62) 1,3,5-Trimethylbenzene	11.087	105	4481	0.172	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	4483	0.174	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	4141	0.240	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	4562	0.262	ug/L	85
67) 1,2-Dichlorobenzene	12.209	146	4052	0.249	ug/L	94
69) 1,3,5-Trichlorobenzene	13.219	180	2956	0.227	ug/L	95
70) 1,2,4-trichlorobenzene	13.849	180	2861	0.279	ug/L	94
71) Naphthalene	14.100	128	4136m	0.284	ug/L	
72) 1,2,3-Trichlorobenzene	14.331	180	2490	0.271	ug/L	91

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

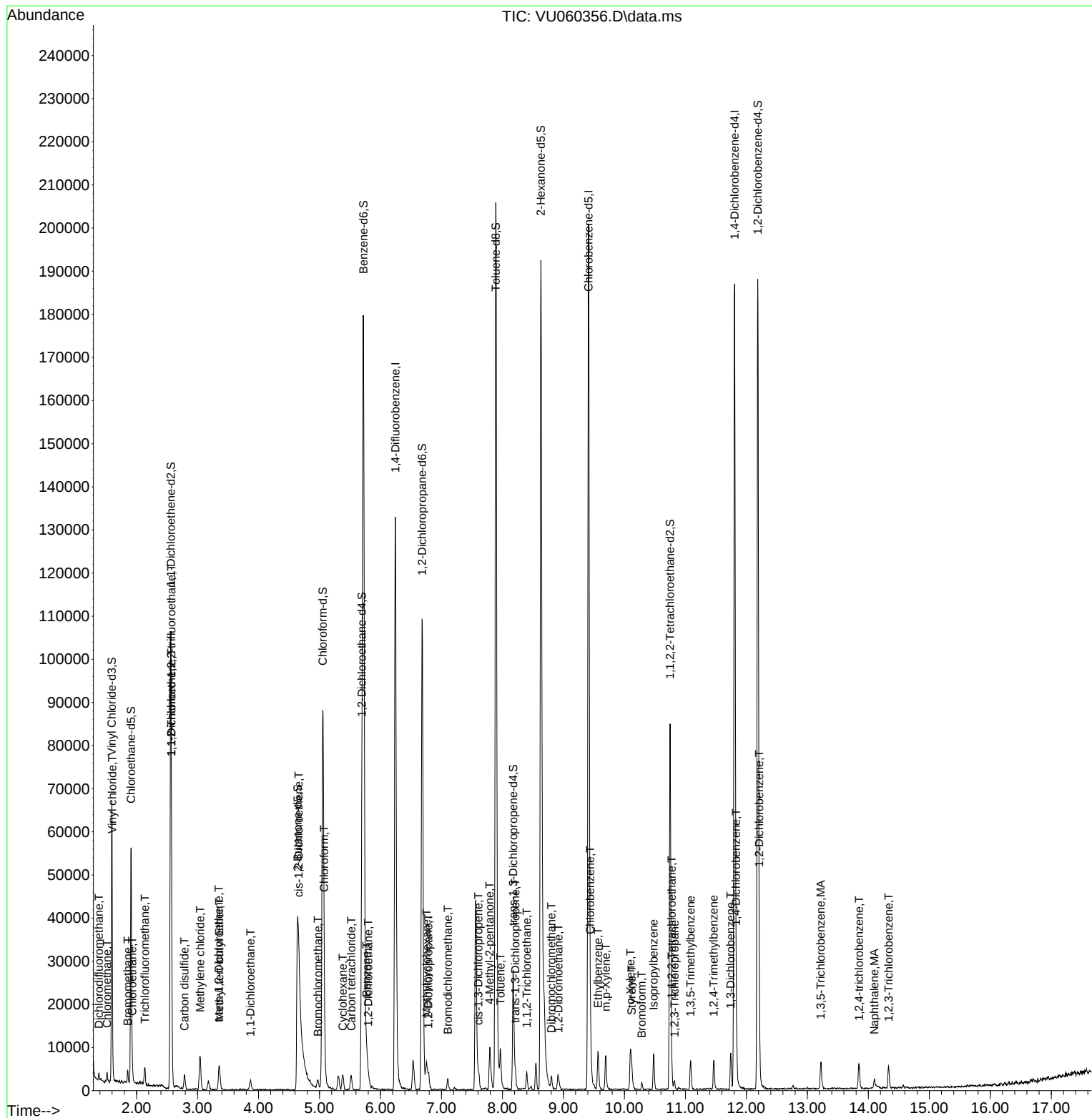
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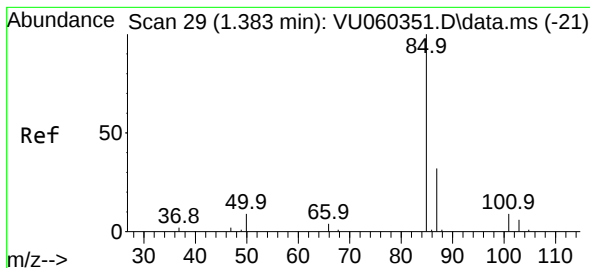
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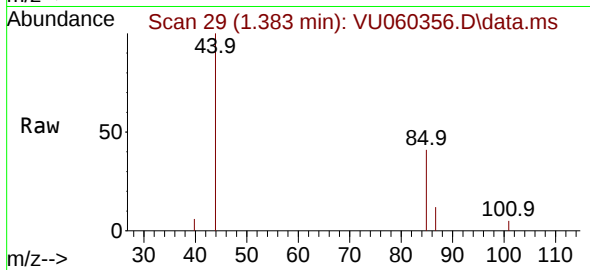
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024





#2
Dichlorodifluoromethane
Concen: 0.166 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

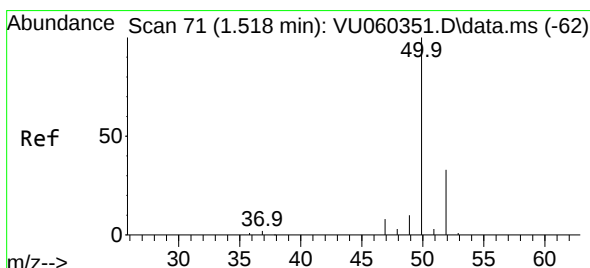
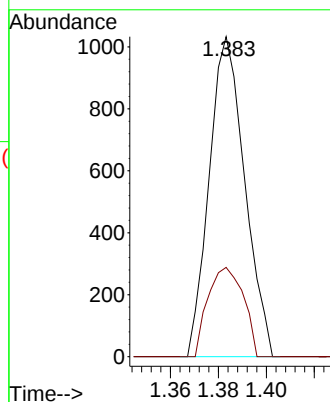
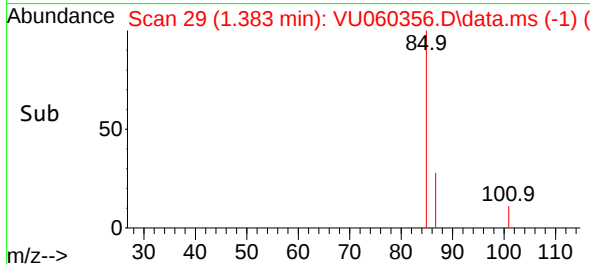
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-05



Tgt Ion: 85 Resp: 1059
Ion Ratio Lower Upper
85 100
87 27.9 25.7 38.5

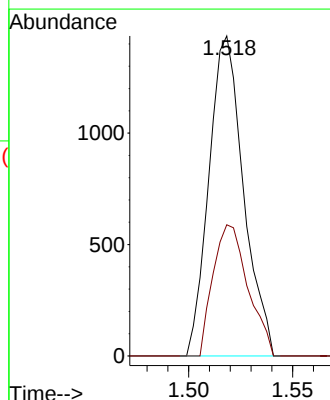
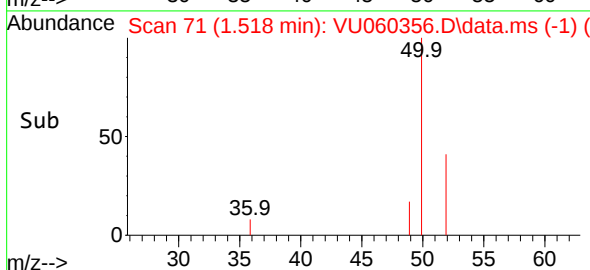
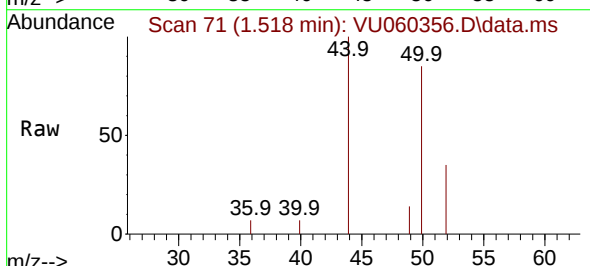
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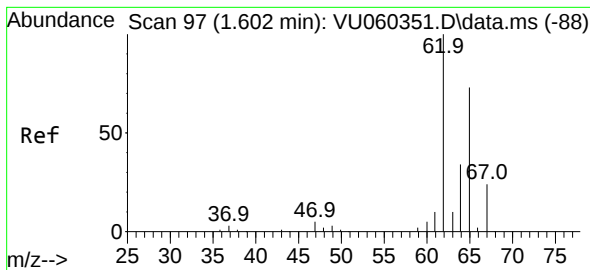
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#3
Chloromethane
Concen: 0.210 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Tgt Ion: 50 Resp: 1658
Ion Ratio Lower Upper
50 100
52 41.0 22.8 42.4





#5

Vinyl chloride

Concen: 0.214 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060356.D

Acq: 08 Aug 2024 14:57

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2024-05

Tgt Ion: 62 Resp: 198

Ion Ratio Lower Upper

62 100

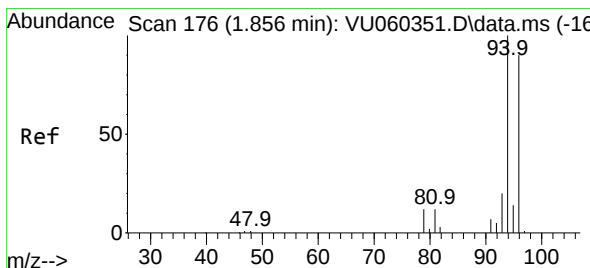
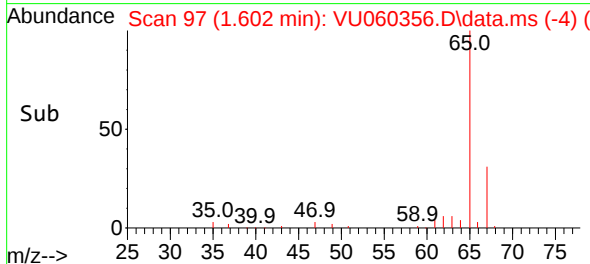
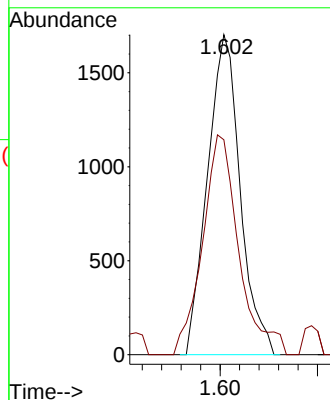
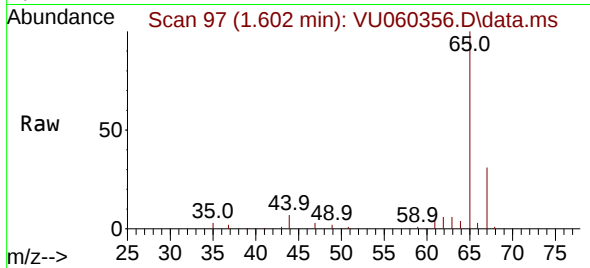
64 67.2 24.1 44.7

Manual Integrations

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Supervised By :Semsettin Yesilyurt 08/12/2024



#6

Bromomethane

Concen: 0.199 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060356.D

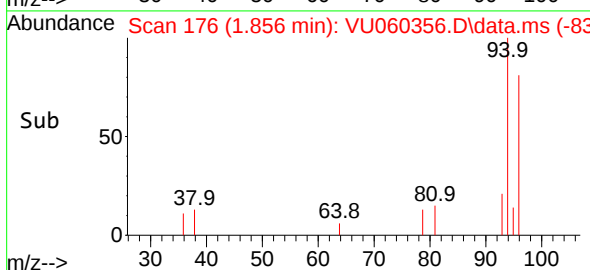
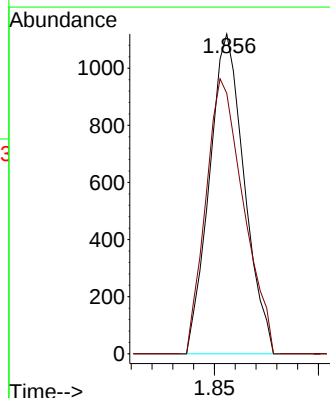
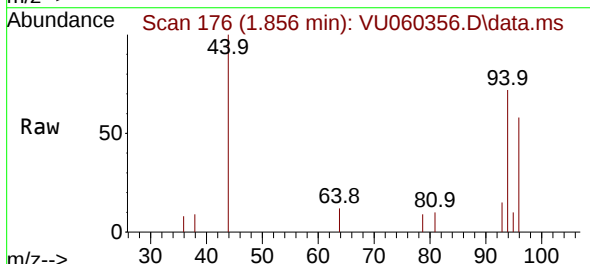
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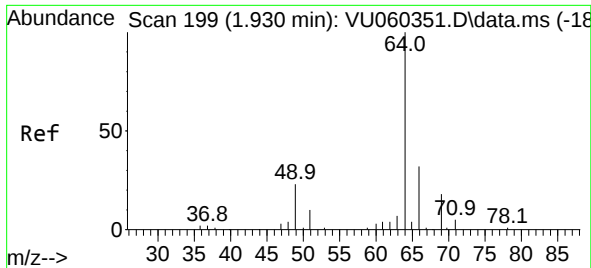
Tgt Ion: 94 Resp: 1303

Ion Ratio Lower Upper

94 100

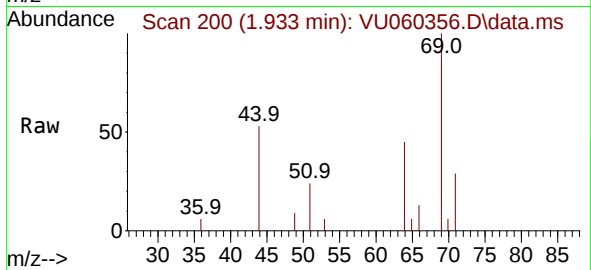
96 81.4 63.2 117.4





#8
Chloroethane
Concen: 0.239 ug/L m
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

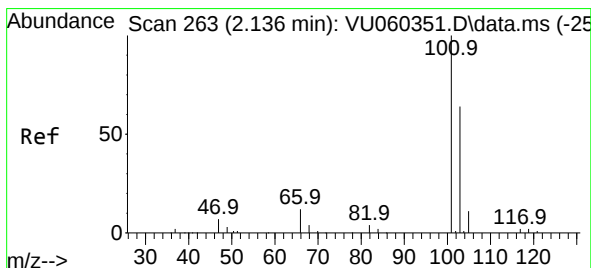
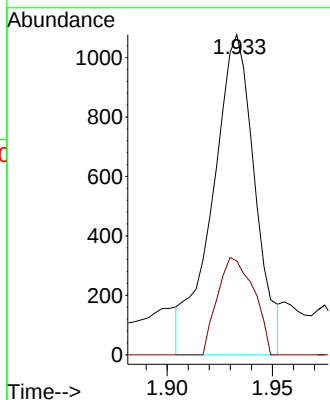
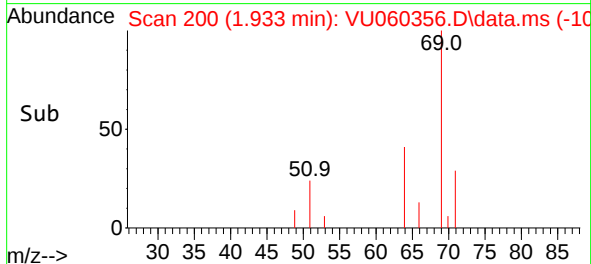
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion: 64 Resp: 1504
Ion Ratio Lower Upper
64 100
66 29.2 22.2 41.2

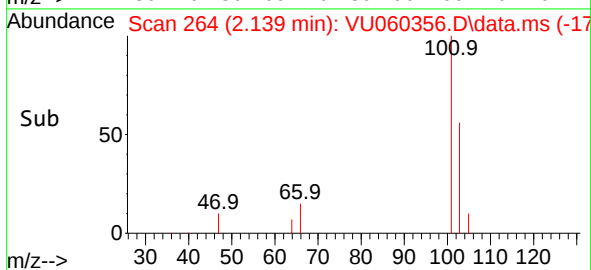
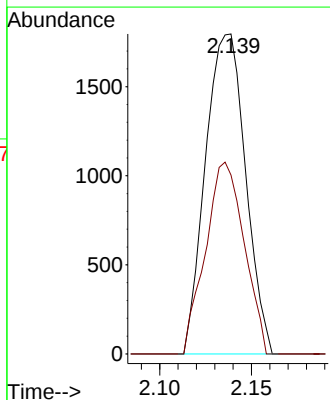
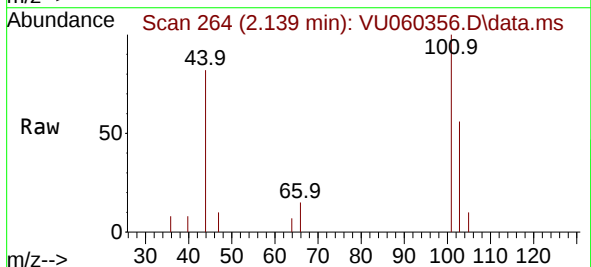
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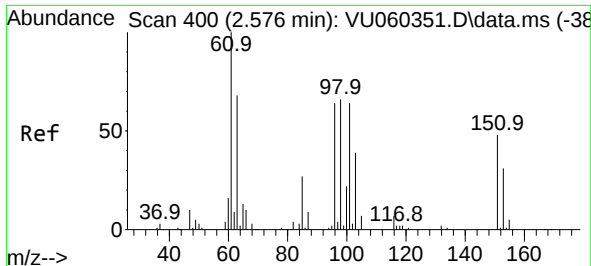
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#9
Trichlorofluoromethane
Concen: 0.210 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.003 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Tgt Ion:101 Resp: 2726
Ion Ratio Lower Upper
101 100
103 57.8 51.7 77.5





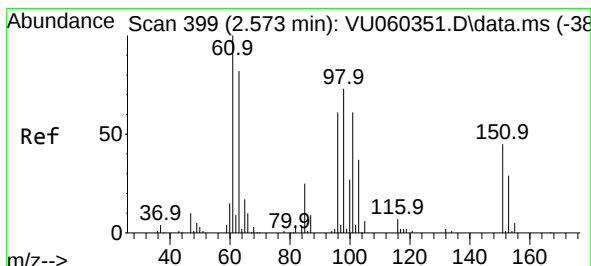
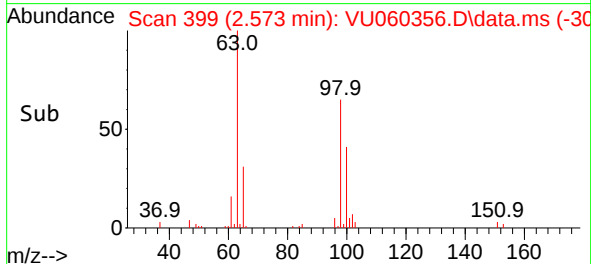
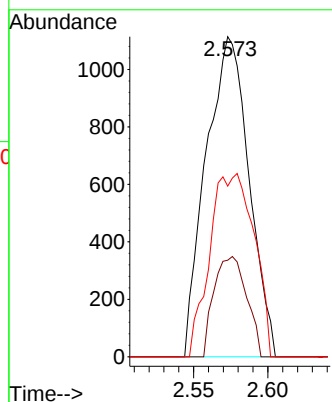
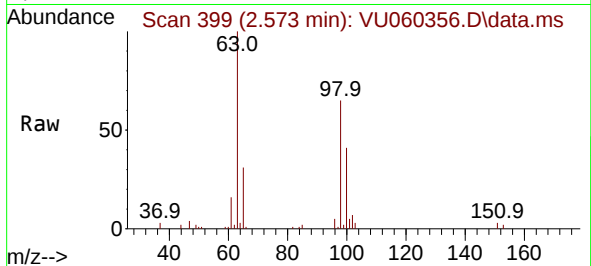
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.261 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Instrument :
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ClientSampleId :
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Tgt Ion: 101 Resp: 2238
Ion Ratio Lower Upper
101 100
85 23.8 33.5 50.3
151 27.0 59.7 89.5

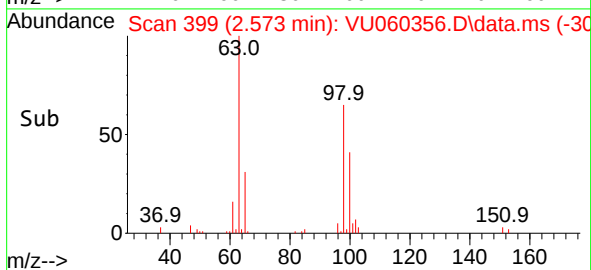
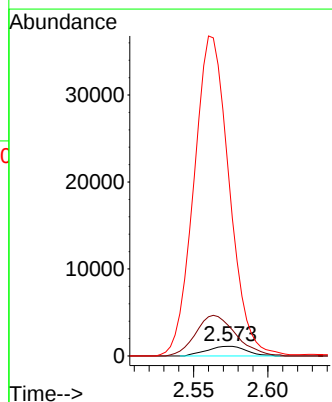
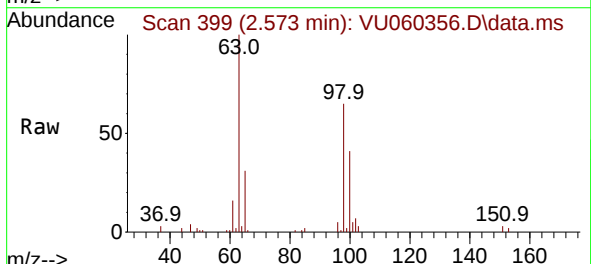
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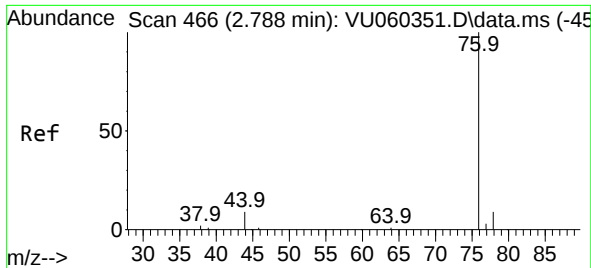
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#12
1,1-Dichloroethene
Concen: 0.266 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

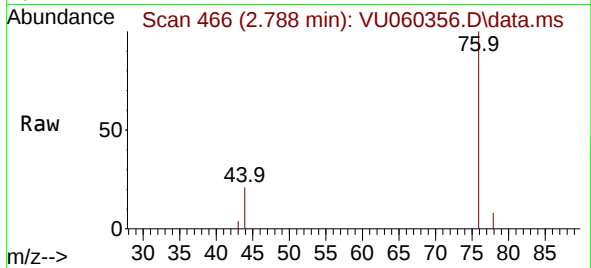
Tgt Ion: 96 Resp: 2069
Ion Ratio Lower Upper
96 100
61 320.6 114.4 212.4#
63 1971.9 96.0 178.4#





#14
Carbon disulfide
Concen: 0.225 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

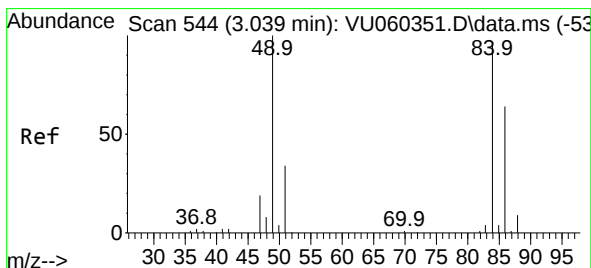
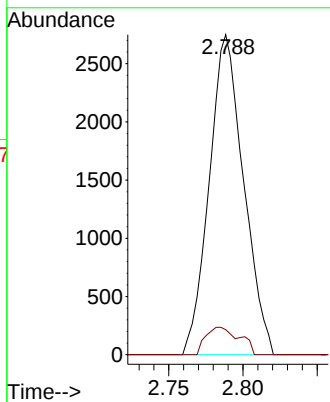
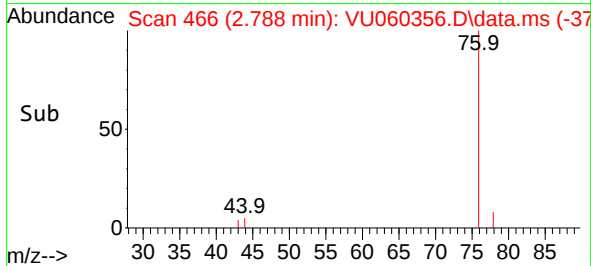
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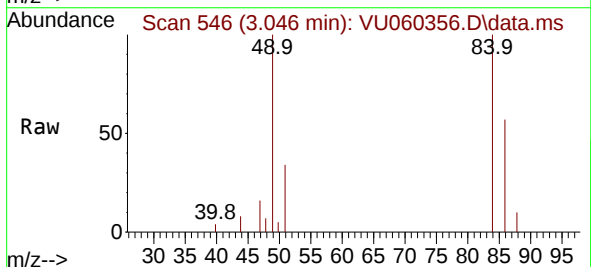
Tgt Ion: 76 Resp: 442
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0

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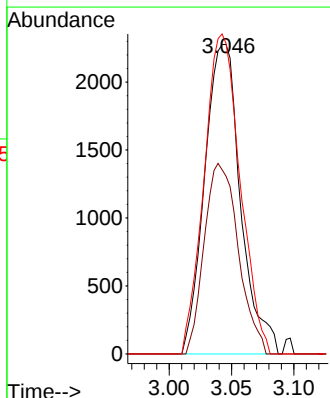
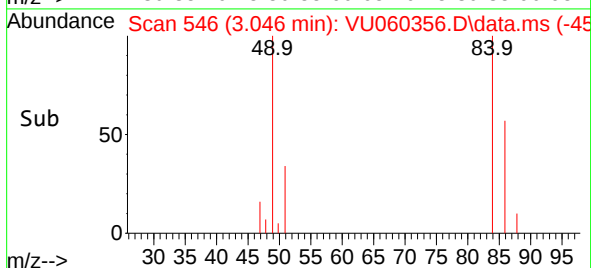
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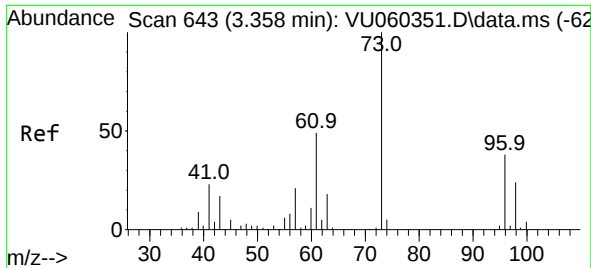


#16
Methylene chloride
Concen: 0.414 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.006 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57



Tgt Ion: 84 Resp: 4575
Ion Ratio Lower Upper
84 100
86 57.4 47.1 87.5
49 105.5 73.9 137.3





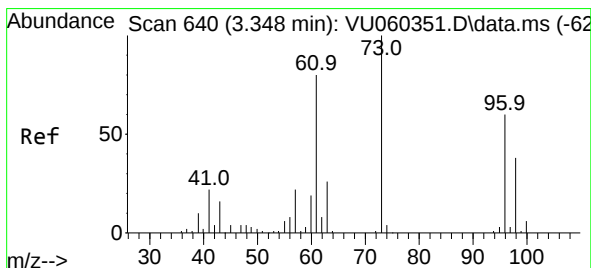
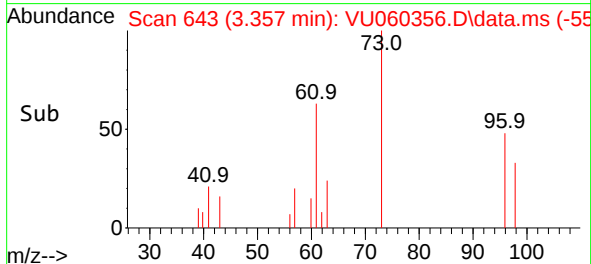
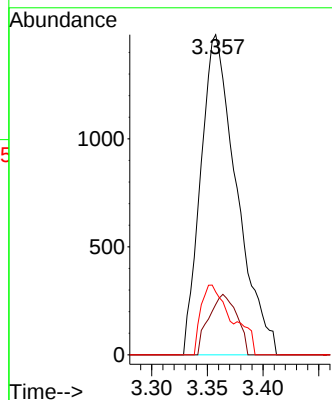
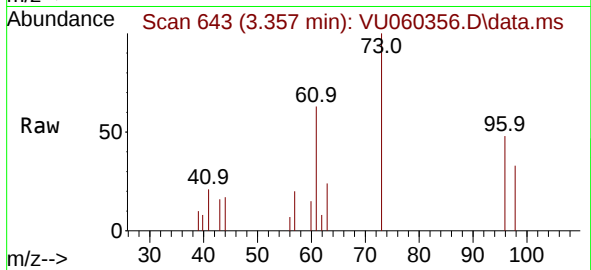
#17
Methyl tert-butyl Ether
Concen: 0.181 ug/L
RT: 3.357 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-05

Tgt Ion: 73	Resp: 331
Ion Ratio	Lower Upper
73 100	
43 14.8	12.8 19.2
57 19.0	17.5 26.3

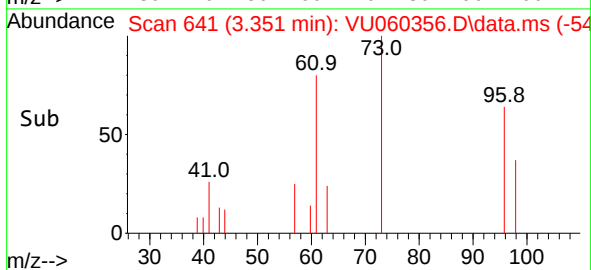
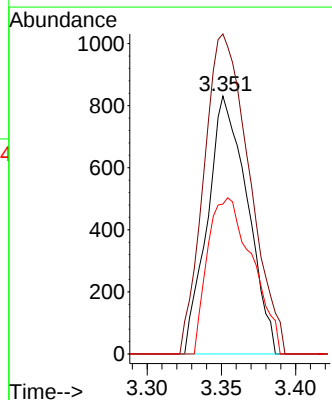
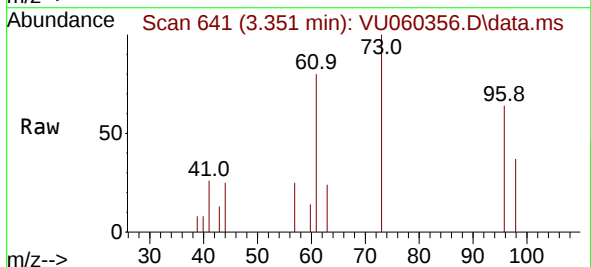
Manual Integrations
APPROVED

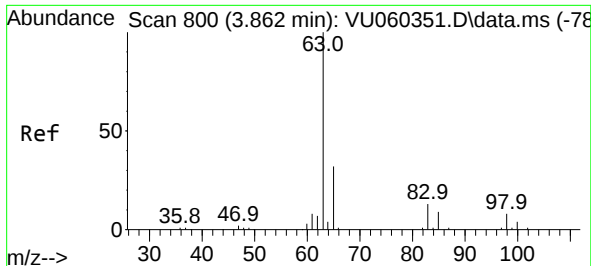
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#18
trans-1,2-Dichloroethene
Concen: 0.203 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Tgt Ion: 96	Resp: 1547		
Ion Ratio	Lower	Upper	
96	100		
61	124.1	93.7	174.1
98	58.1	44.7	82.9





#19

1,1-Dichloroethane

Concen: 0.205 ug/L

RT: 3.869 min Scan# 800

Delta R.T. 0.006 min

Lab File: VU060356.D

Acq: 08 Aug 2024 14:57

Instrument :

MSVOA_U

ClientSampleId :

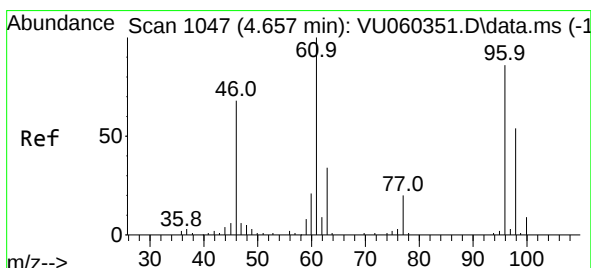
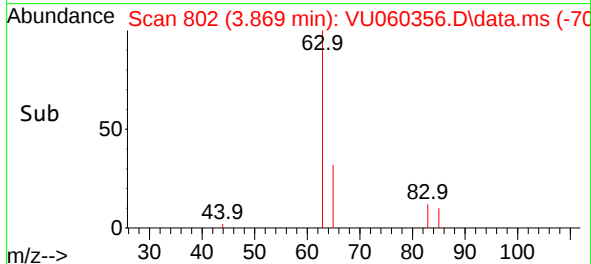
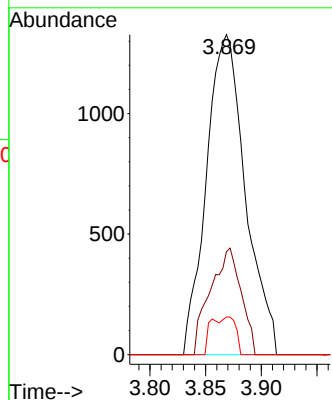
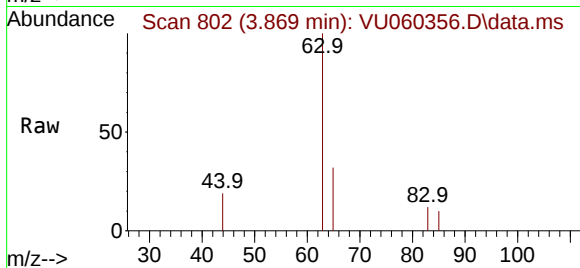
MDL-WATER-QT3-2024-05

Tgt Ion: 63	Resp: 3234
Ion Ratio	Lower Upper
63 100	
65 32.2	22.2 41.2
83 11.8	9.1 16.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#22

cis-1,2-Dichloroethene

Concen: 0.211 ug/L

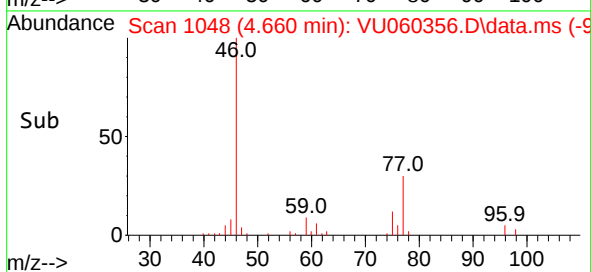
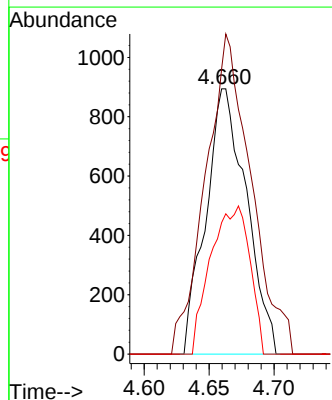
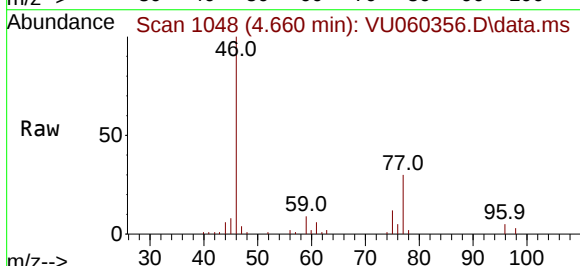
RT: 4.660 min Scan# 1048

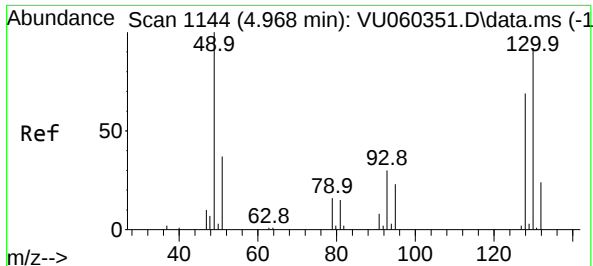
Delta R.T. 0.003 min

Lab File: VU060356.D

Acq: 08 Aug 2024 14:57

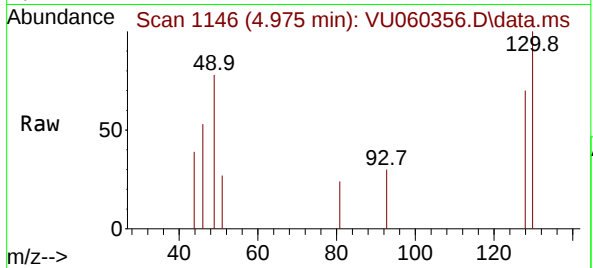
Tgt Ion: 96	Resp: 1940
Ion Ratio	Lower Upper
96 100	
61 107.6	81.5 151.5
98 49.6	43.5 80.7





#23
Bromochloromethane
Concen: 0.181 ug/L
RT: 4.975 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

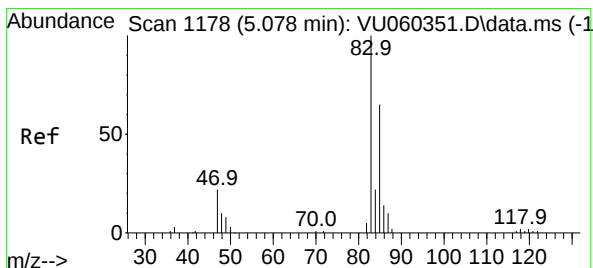
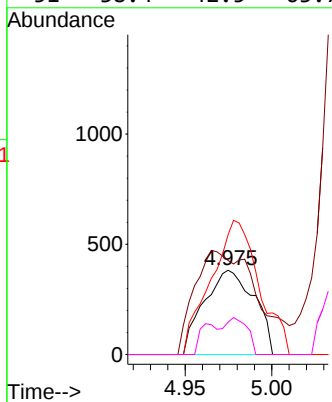
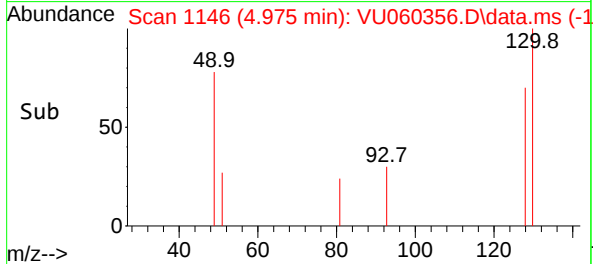
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:128 Resp: 77
Ion Ratio Lower Upper
128 100
49 111.5 101.0 187.6
130 142.0 92.7 172.1
51 38.4 42.5 63.7#

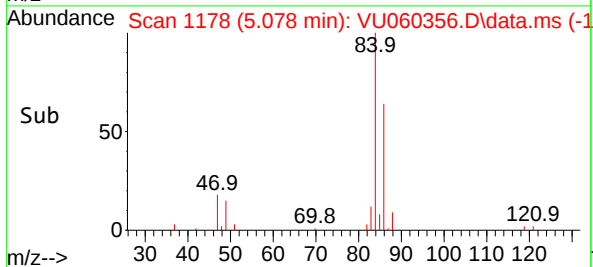
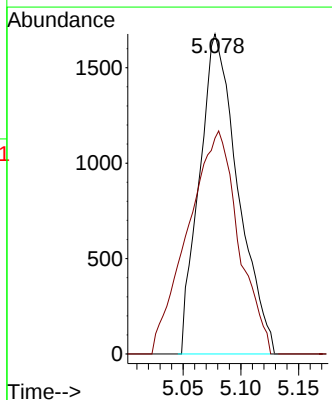
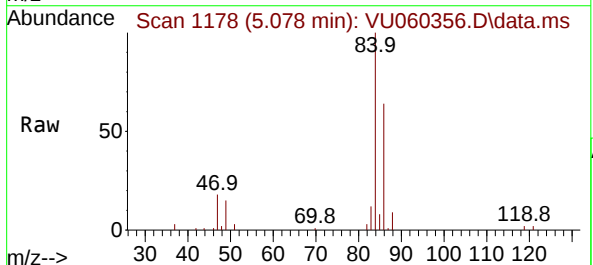
Manual Integrations
APPROVED

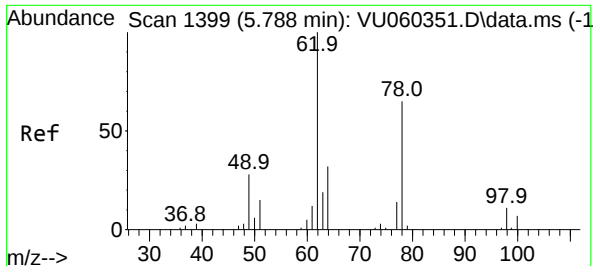
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#25
Chloroform
Concen: 0.228 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Tgt Ion: 83 Resp: 3902
Ion Ratio Lower Upper
83 100
85 67.4 45.6 84.6





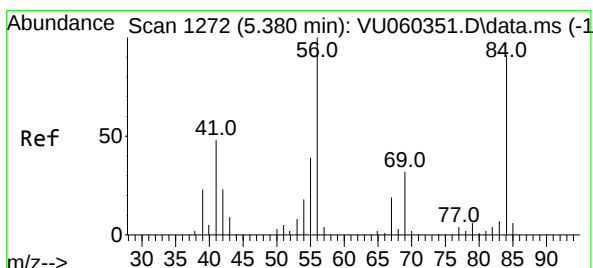
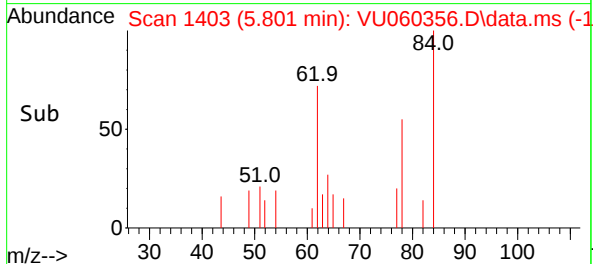
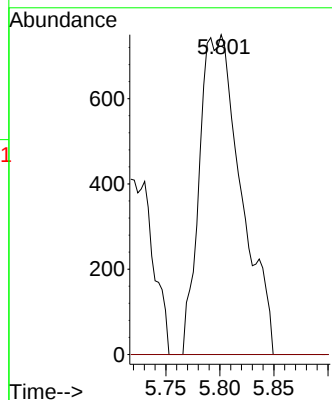
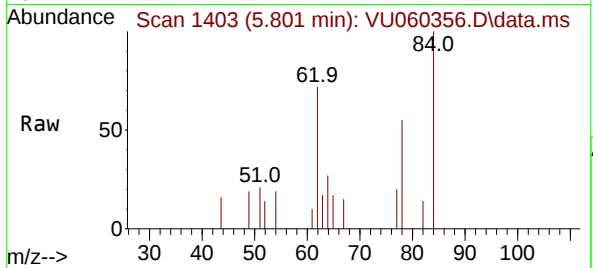
#27
1,2-Dichloroethane
Concen: 0.220 ug/L m
RT: 5.801 min Scan# 1403
Delta R.T. 0.013 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-05

Tgt Ion: 62 Resp: 2000
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6

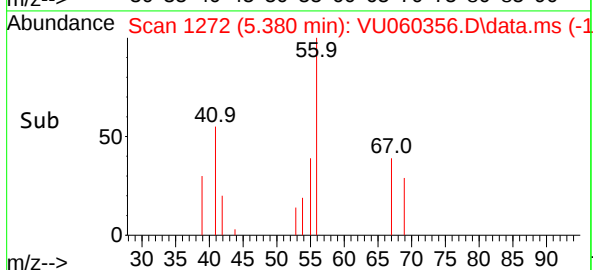
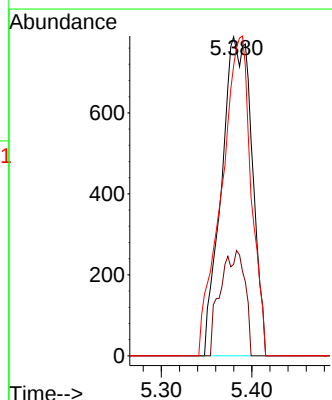
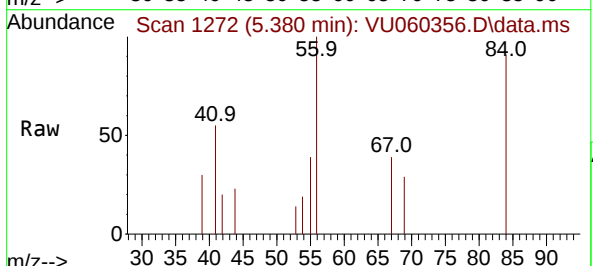
Manual Integrations
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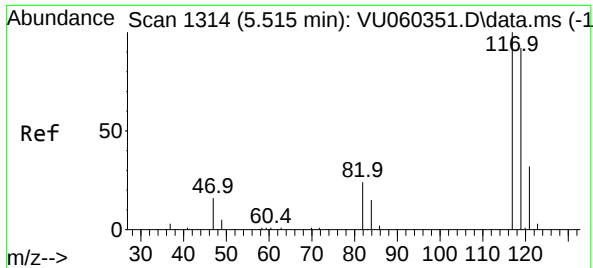
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#30
Cyclohexane
Concen: 0.168 ug/L m
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

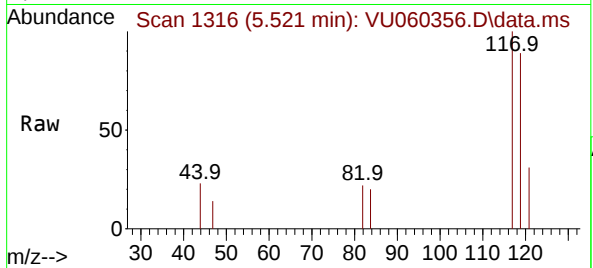
Tgt Ion: 56 Resp: 1842
Ion Ratio Lower Upper
56 100
69 13.3 24.7 37.1#
84 97.1 70.7 106.1





#31
Carbon tetrachloride
Concen: 0.198 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.006 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

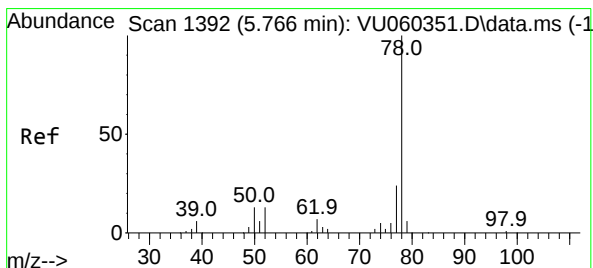
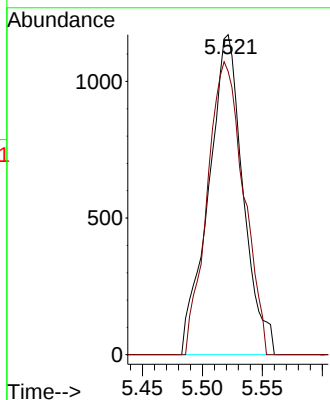
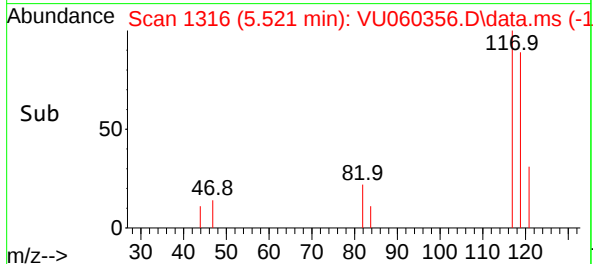
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:117 Resp: 234
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8

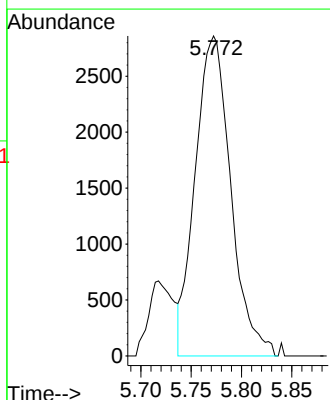
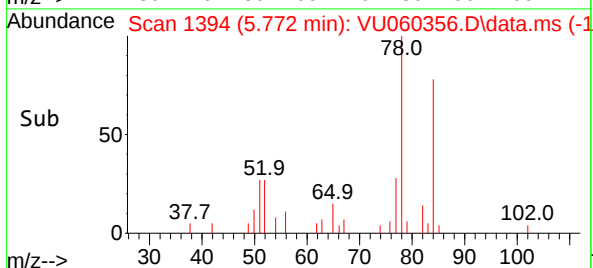
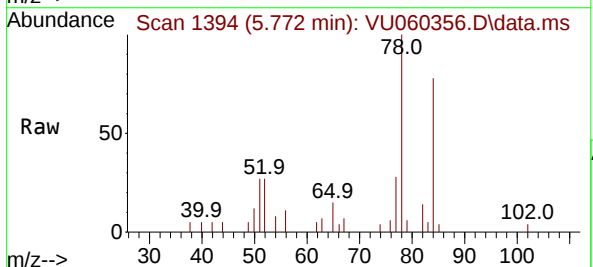
Manual Integrations
APPROVED

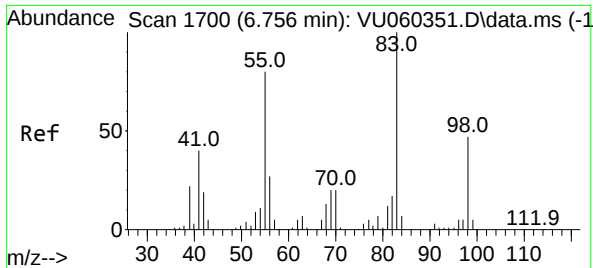
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#33
Benzene
Concen: 0.198 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Tgt Ion: 78 Resp: 7032





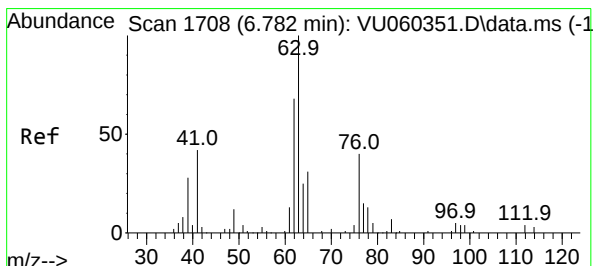
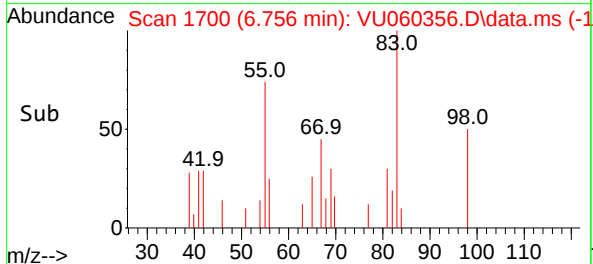
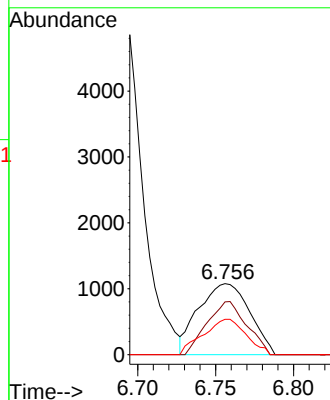
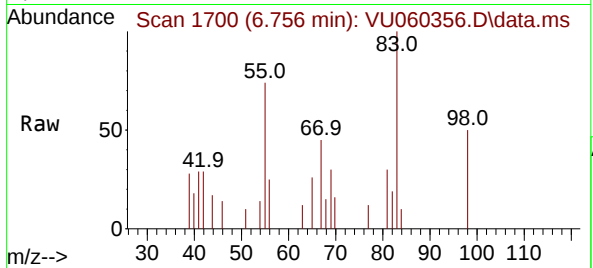
#35
Methylcyclohexane
Concen: 0.202 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-05

Tgt Ion: 83 Resp: 245
Ion Ratio Lower Upper
83 100
55 58.0 62.4 93.6
98 41.9 37.3 55.9

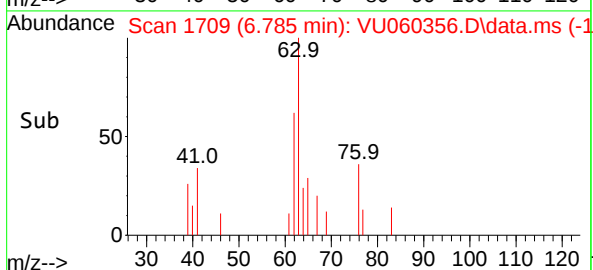
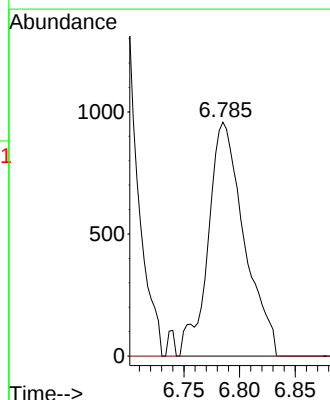
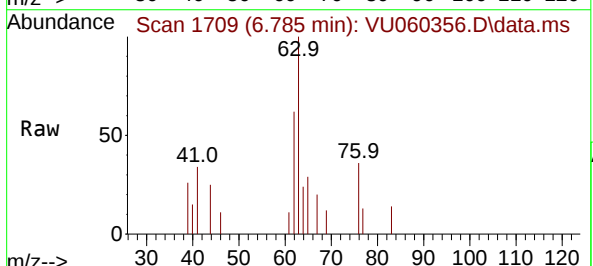
Manual Integrations
APPROVED

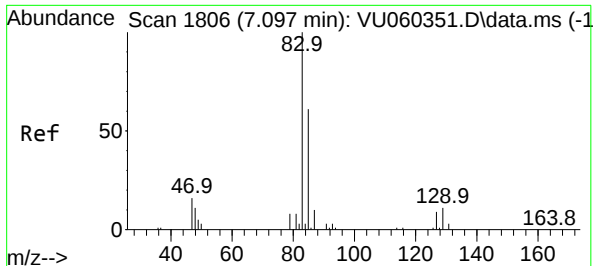
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#37
1,2-Dichloropropane
Concen: 0.222 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

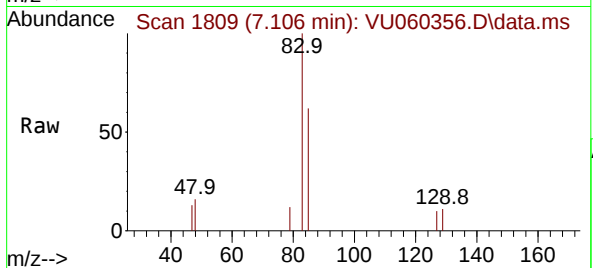
Tgt Ion: 63 Resp: 2152
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9





#38
Bromodichloromethane
Concen: 0.190 ug/L
RT: 7.106 min Scan# 1809
Delta R.T. 0.010 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

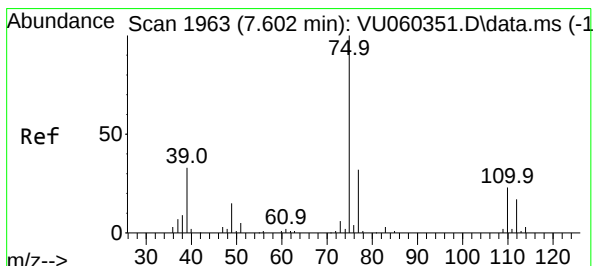
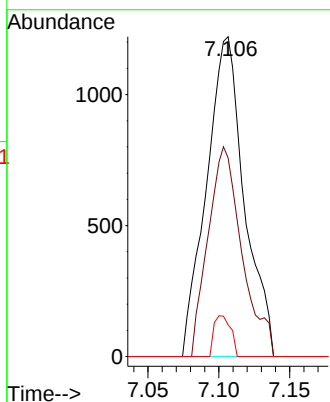
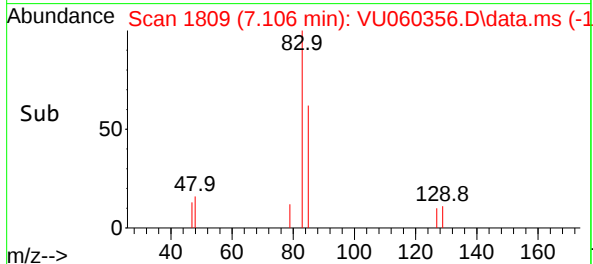
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion: 83 Resp: 226
Ion Ratio Lower Upper
83 100
85 62.1 42.4 78.8
127 9.9 7.0 10.4

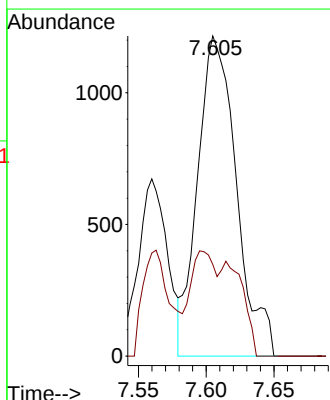
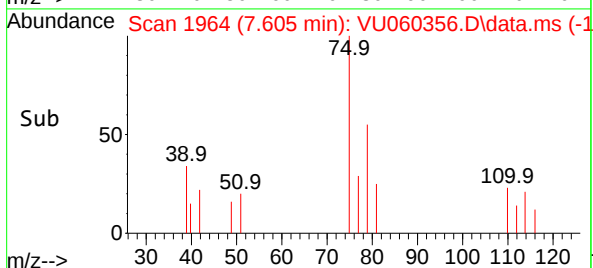
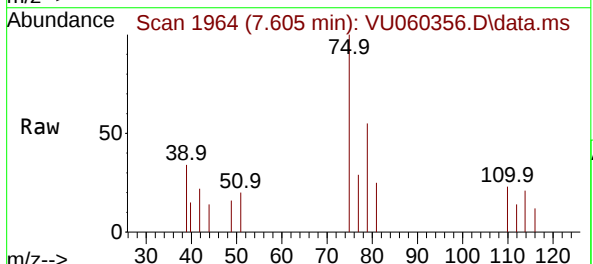
Manual Integrations
APPROVED

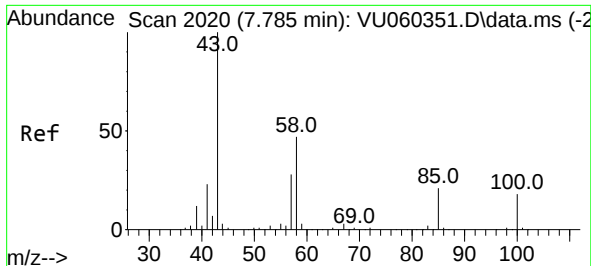
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#39
cis-1,3-Dichloropropene
Concen: 0.184 ug/L
RT: 7.605 min Scan# 1964
Delta R.T. 0.003 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Tgt Ion: 75 Resp: 2419
Ion Ratio Lower Upper
75 100
77 28.6 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 1.871 ug/L m

RT: 7.791 min Scan# 2020

Delta R.T. 0.006 min

Lab File: VU060356.D

Acq: 08 Aug 2024 14:57

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2024-05

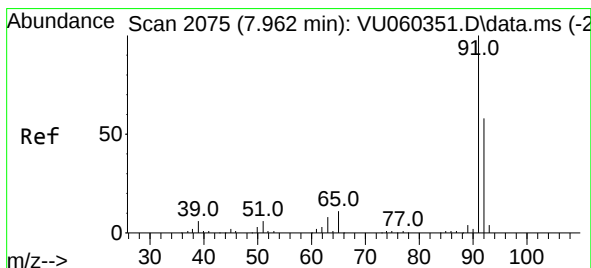
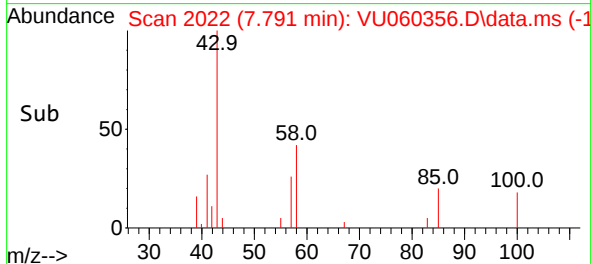
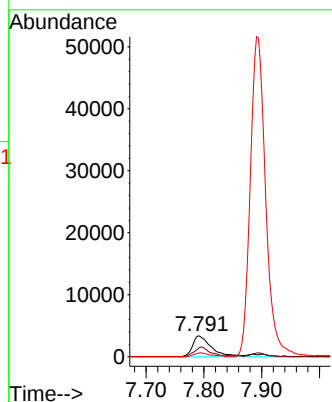
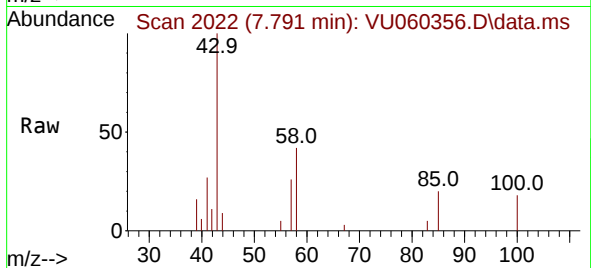
Tgt Ion: 43 Resp: 8449

Ion	Ratio	Lower	Upper
43	100		
58	36.7	36.6	55.0
100	0.0	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#42

Toluene

Concen: 0.187 ug/L

RT: 7.968 min Scan# 2077

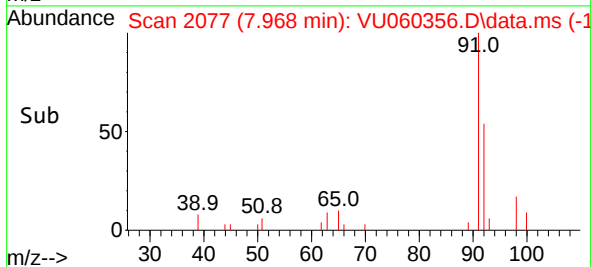
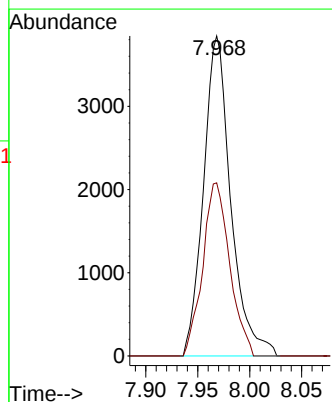
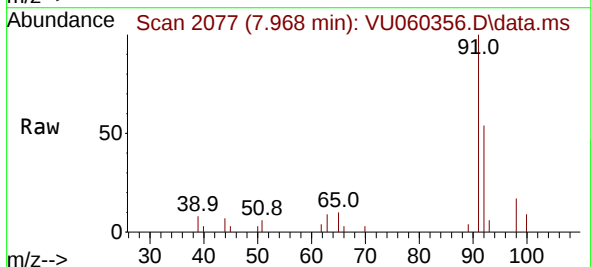
Delta R.T. 0.006 min

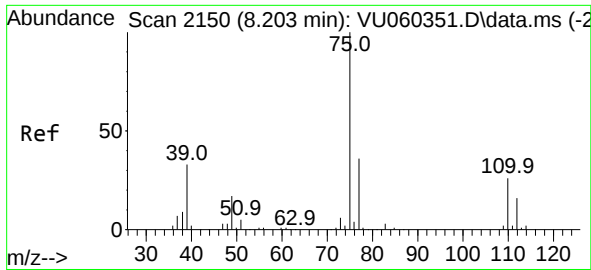
Lab File: VU060356.D

Acq: 08 Aug 2024 14:57

Tgt Ion: 91 Resp: 7021

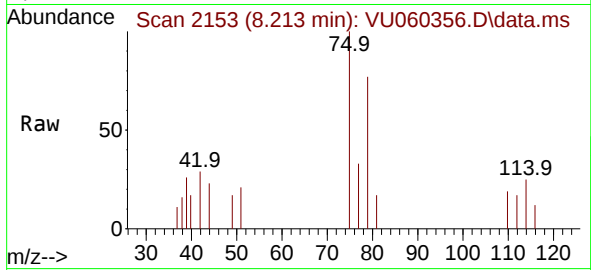
Ion	Ratio	Lower	Upper
91	100		
92	54.1	40.6	75.4





#44
trans-1,3-Dichloropropene
Concen: 0.198 ug/L m
RT: 8.213 min Scan# 2154
Delta R.T. 0.010 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

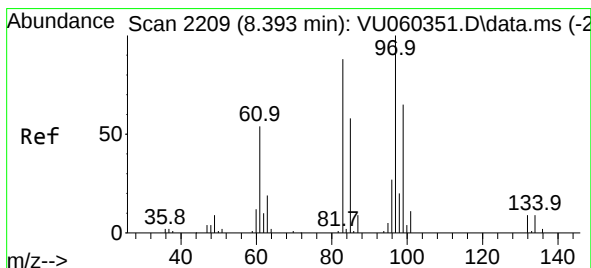
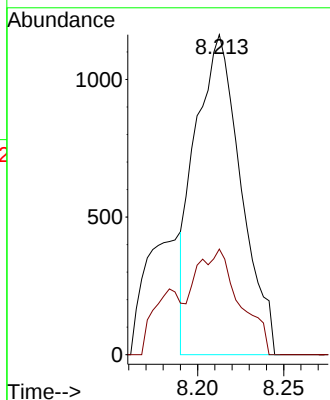
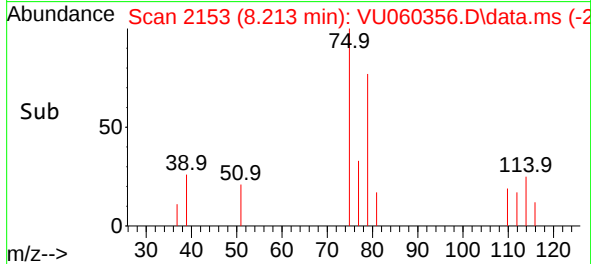
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion: 75 Resp: 2154
Ion Ratio Lower Upper
75 100
77 33.0 25.0 46.4

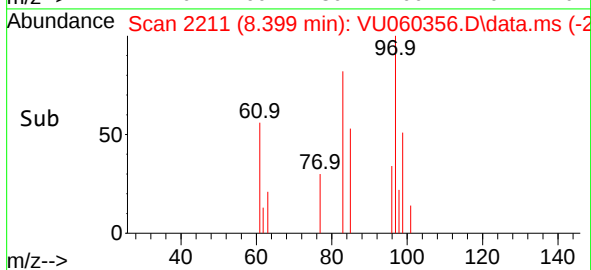
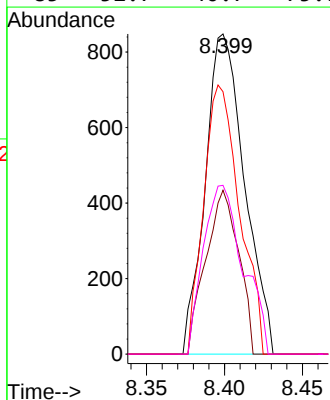
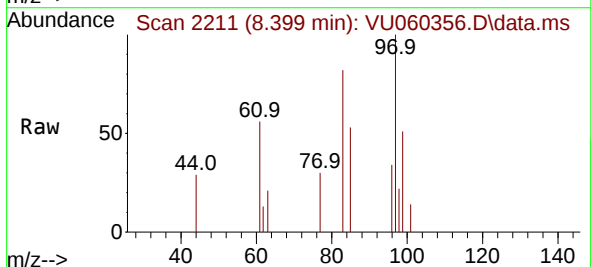
Manual Integrations
APPROVED

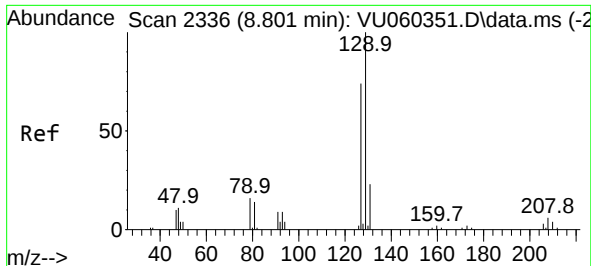
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#45
1,1,2-Trichloroethane
Concen: 0.201 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

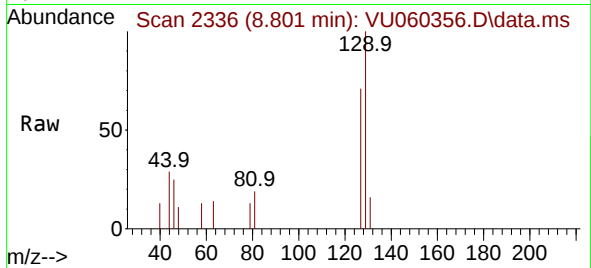
Tgt Ion: 97 Resp: 1488
Ion Ratio Lower Upper
97 100
99 51.2 45.8 85.0
83 82.0 61.7 114.5
85 52.7 40.7 75.7





#49
Dibromochloromethane
Concen: 0.213 ug/L
RT: 8.801 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

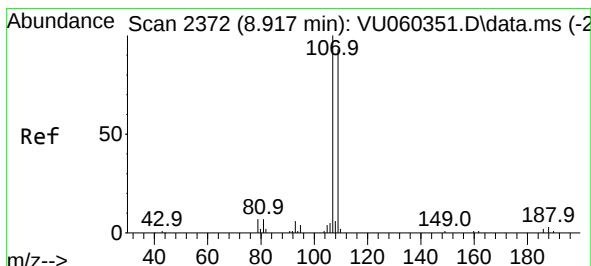
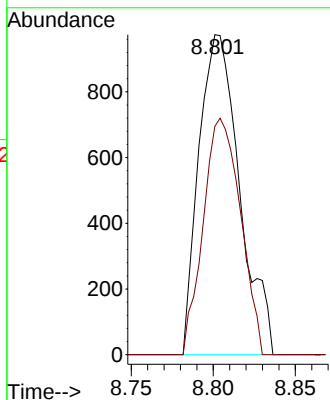
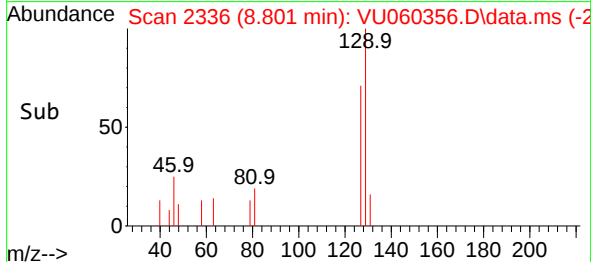
Instrument : MSVOA_U
ClientSampleId : VU060356.D
MDL-WATER-QT3-2024-05



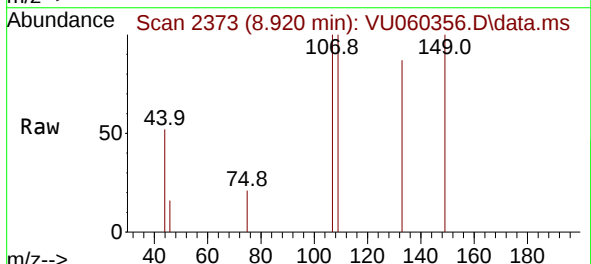
Tgt Ion:129 Resp: 1680
Ion Ratio Lower Upper
129 100
127 71.4 51.9 96.3

Manual Integrations
APPROVED

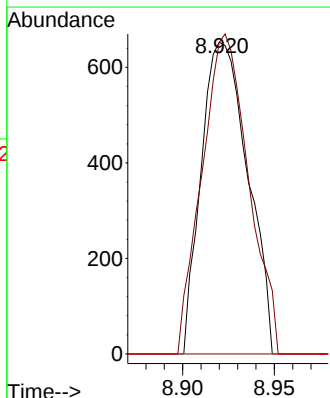
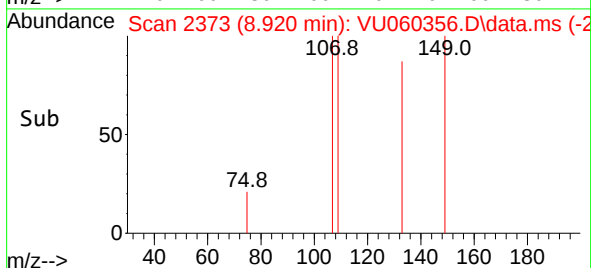
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

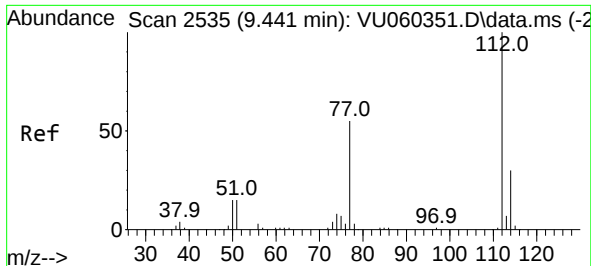


#50
1,2-Dibromoethane
Concen: 0.174 ug/L
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57



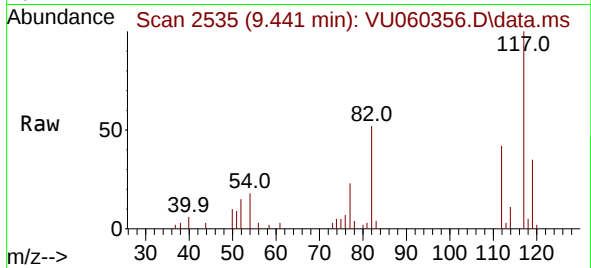
Tgt Ion:107 Resp: 1151
Ion Ratio Lower Upper
107 100
109 99.8 64.8 120.3
188 0.0 2.6 3.8





#51
Chlorobenzene
Concen: 0.210 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

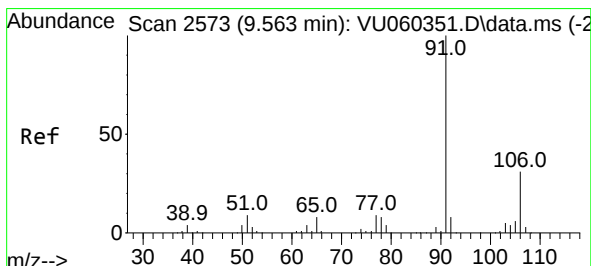
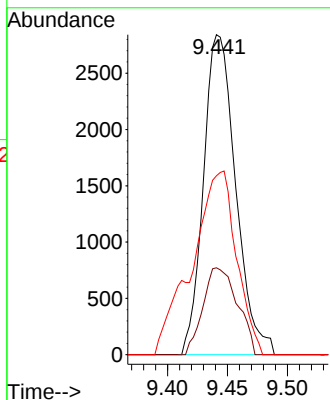
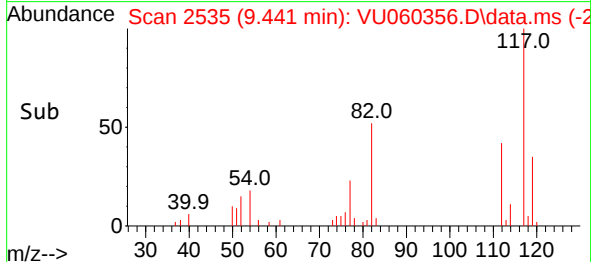
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-05



Tgt Ion:112 Resp: 5319
Ion Ratio Lower Upper
112 100
114 27.2 21.3 39.5
77 55.9 44.6 67.0

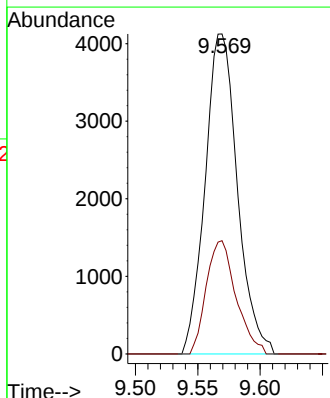
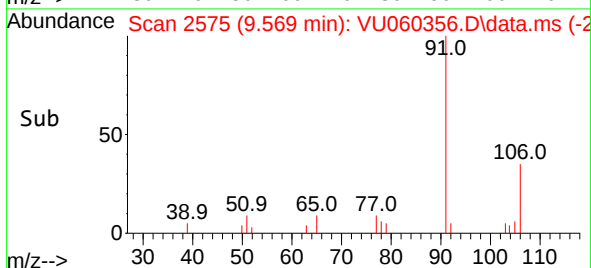
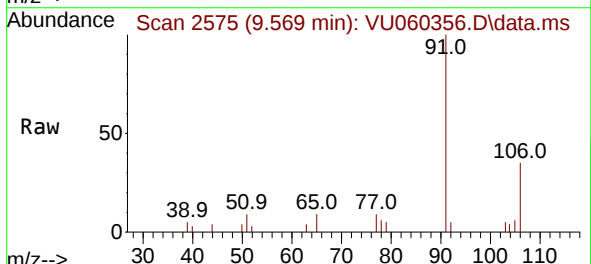
Manual Integrations
APPROVED

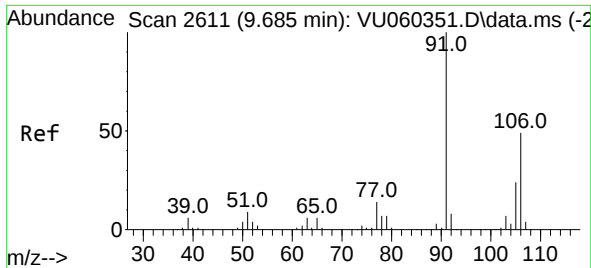
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#52
Ethylbenzene
Concen: 0.188 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.006 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Tgt Ion: 91 Resp: 7430
Ion Ratio Lower Upper
91 100
106 35.4 21.6 40.2





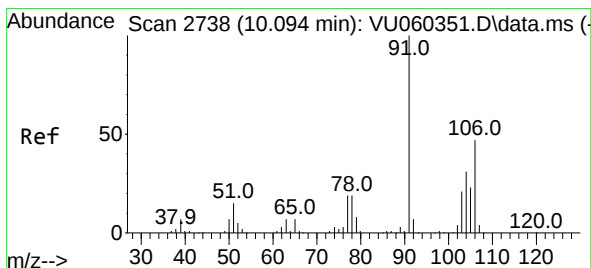
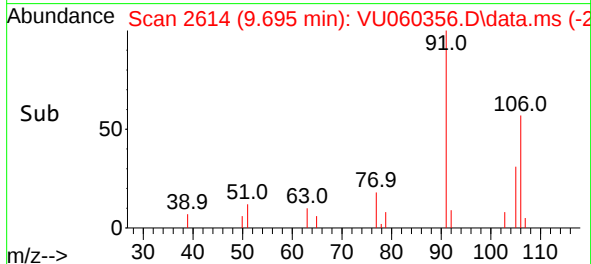
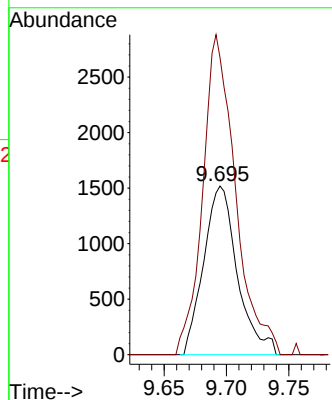
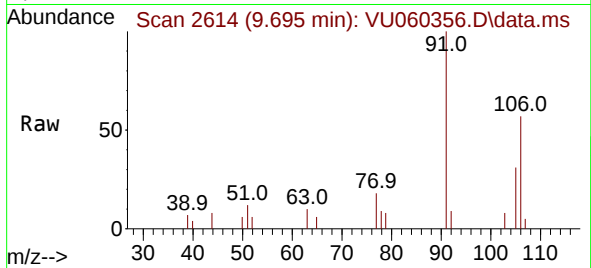
#53
m,p-Xylene
Concen: 0.190 ug/L
RT: 9.695 min Scan# 206
Delta R.T. 0.010 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05

Tgt Ion:106 Resp: 285
Ion Ratio Lower Upper
106 100
91 176.0 143.2 266.0

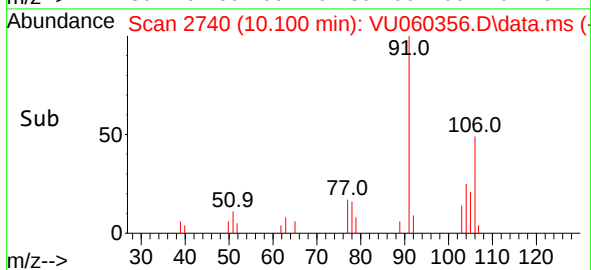
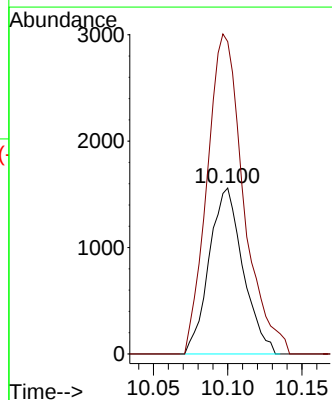
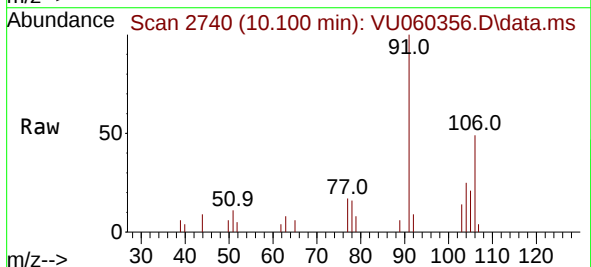
Manual Integrations
APPROVED

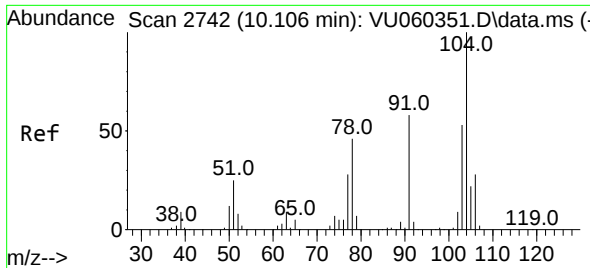
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#54
o-Xylene
Concen: 0.172 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.006 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Tgt Ion:106 Resp: 2469
Ion Ratio Lower Upper
106 100
91 188.3 150.2 279.0





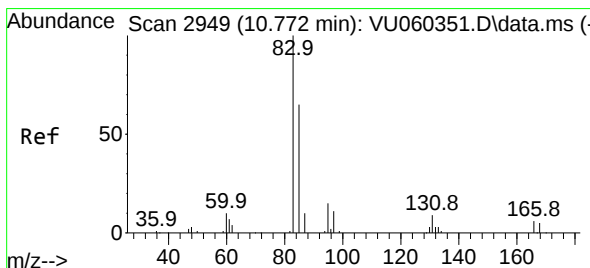
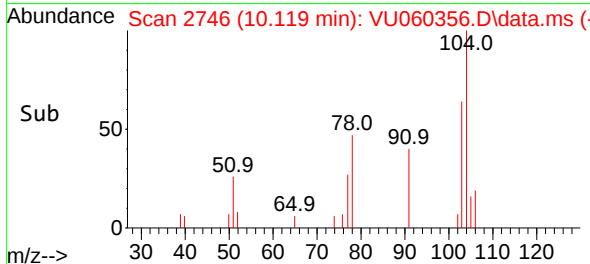
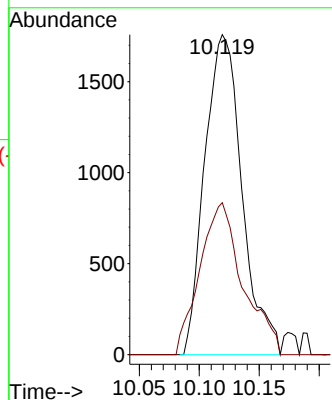
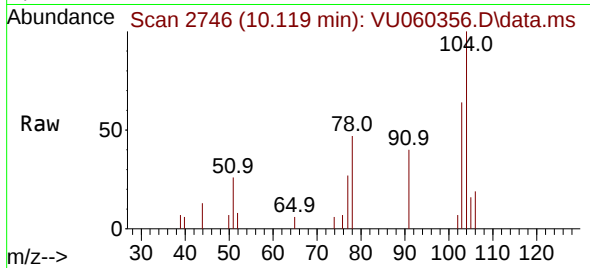
#55
Styrene
Concen: 0.153 ug/L
RT: 10.119 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05

Tgt Ion:104 Resp: 3808
Ion Ratio Lower Upper
104 100
78 47.5 32.1 59.7

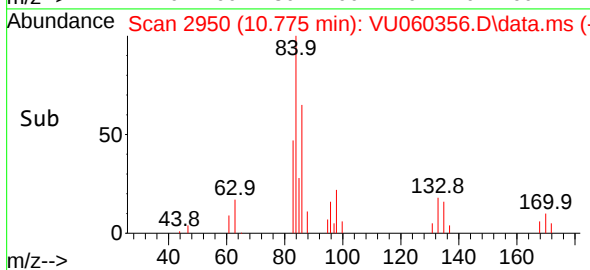
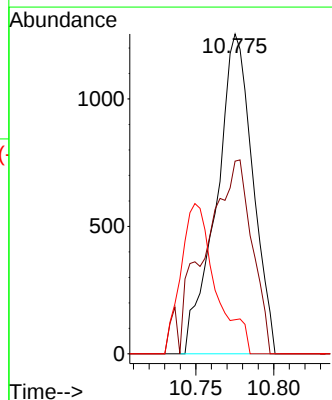
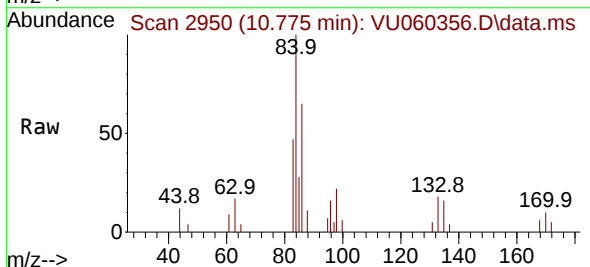
Manual Integrations
APPROVED

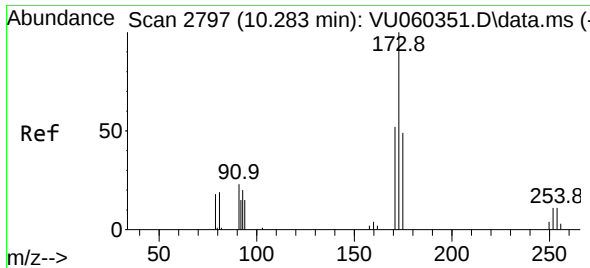
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 0.221 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

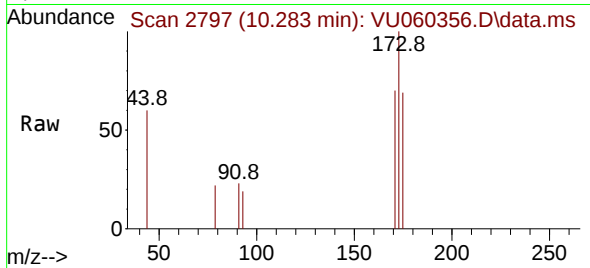
Tgt Ion: 83 Resp: 2032
Ion Ratio Lower Upper
83 100
85 60.2 46.1 85.5
131 10.7 7.6 11.4





#59
Bromoform
Concen: 0.199 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

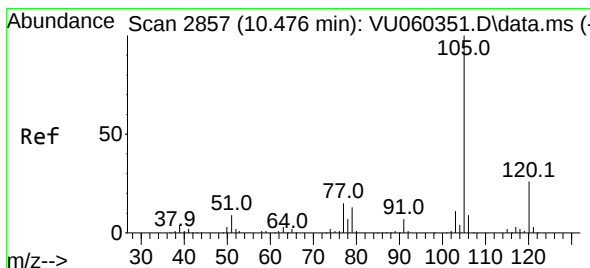
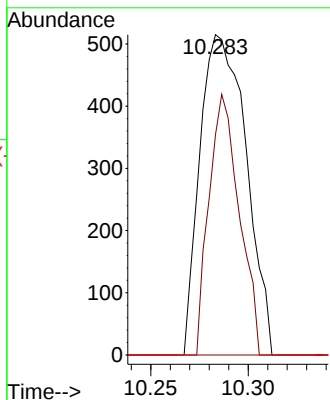
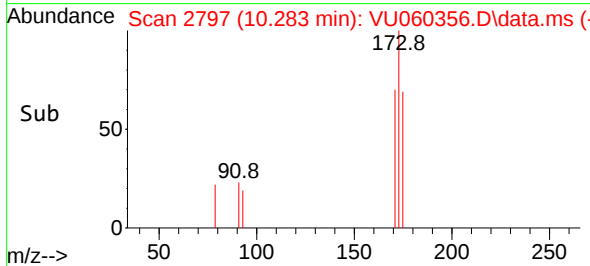
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-05



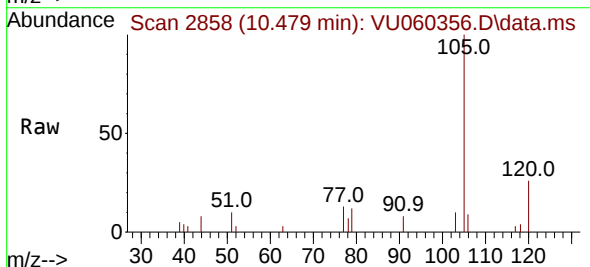
Tgt Ion:173 Resp: 849
Ion Ratio Lower Upper
173 100
175 53.2 39.7 59.5
254 0.0 8.2 12.4

Manual Integrations
APPROVED

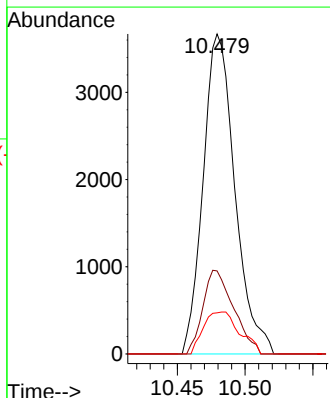
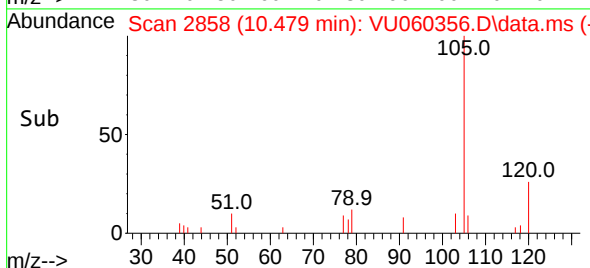
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

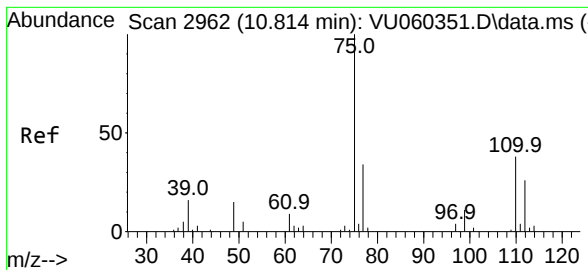


#60
Isopropylbenzene
Concen: 0.176 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57



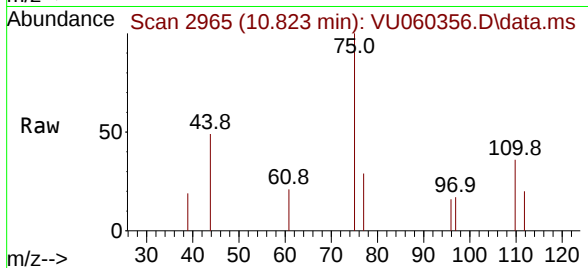
Tgt Ion:105 Resp: 5966
Ion Ratio Lower Upper
105 100
120 25.3 21.0 31.6
77 15.0 12.6 19.0





#61
1,2,3-Trichloropropane
Concen: 0.212 ug/L
RT: 10.823 min Scan# 2965
Delta R.T. 0.010 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

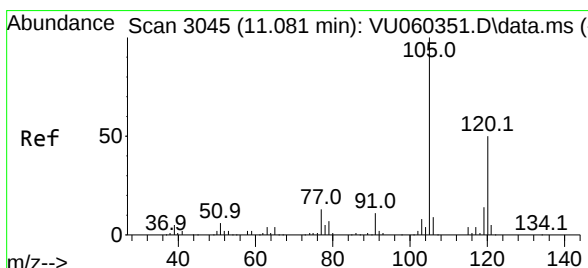
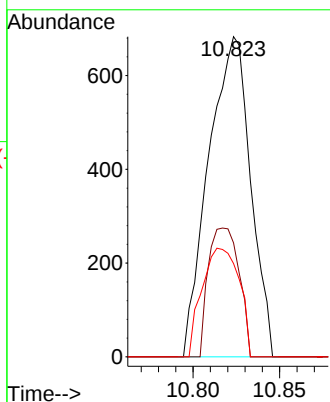
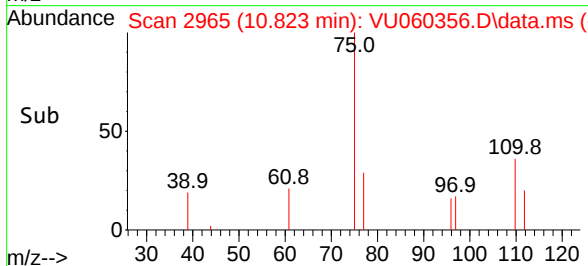
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-05



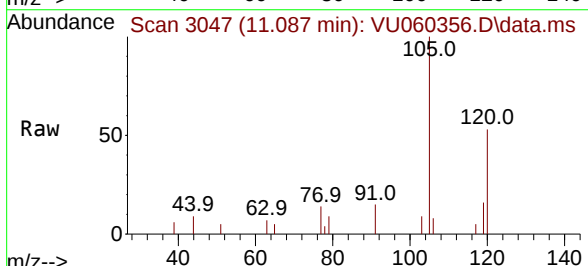
Tgt Ion: 75 Resp: 1149
Ion Ratio Lower Upper
75 100
110 29.4 29.9 44.9
77 30.0 27.0 40.6

Manual Integrations
APPROVED

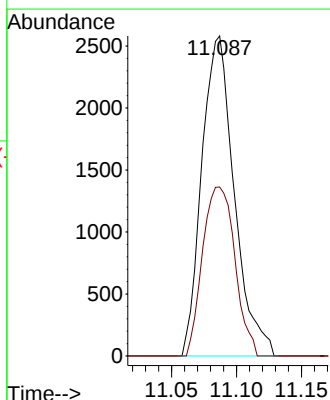
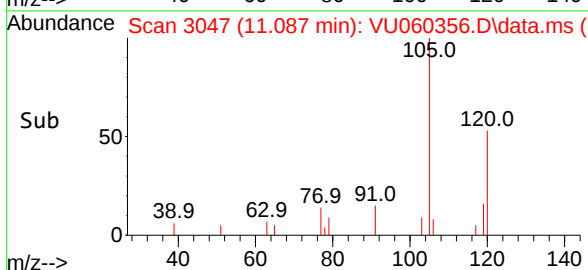
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

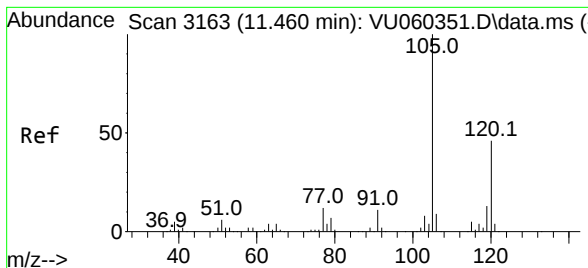


#62
1,3,5-Trimethylbenzene
Concen: 0.172 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.006 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57



Tgt Ion:105 Resp: 4481
Ion Ratio Lower Upper
105 100
120 52.6 39.3 58.9





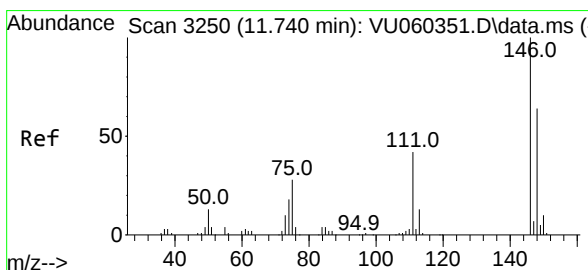
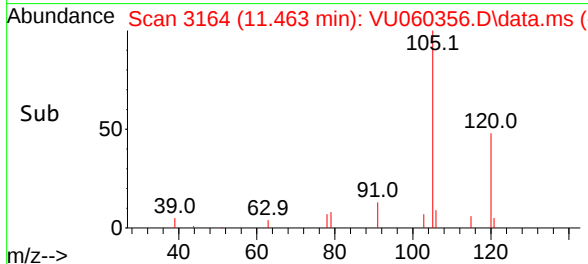
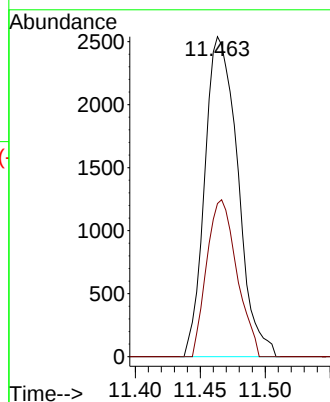
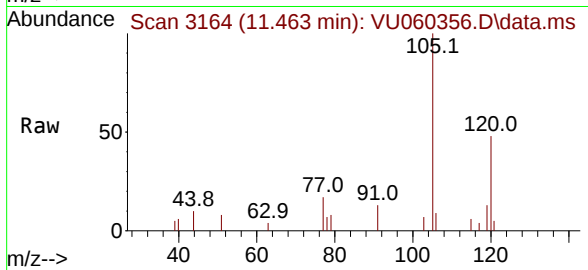
#63
1,2,4-Trimethylbenzene
Concen: 0.174 ug/L
RT: 11.463 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05

Tgt Ion:105 Resp: 448
Ion Ratio Lower Upper
105 100
120 44.7 36.1 54.1

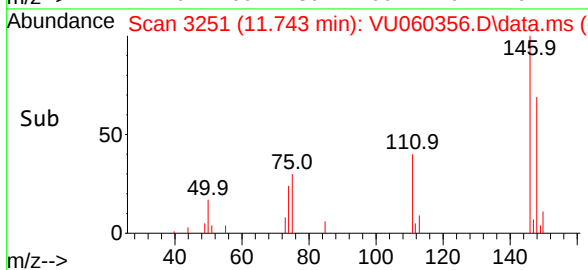
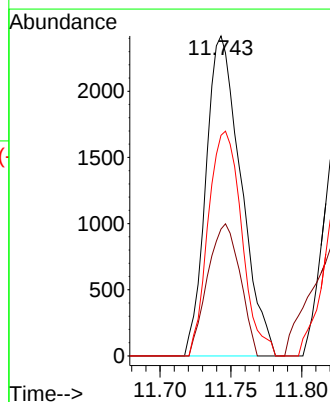
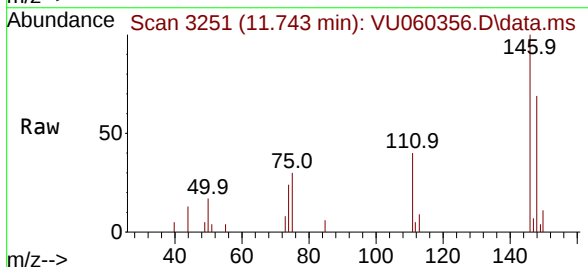
Manual Integrations
APPROVED

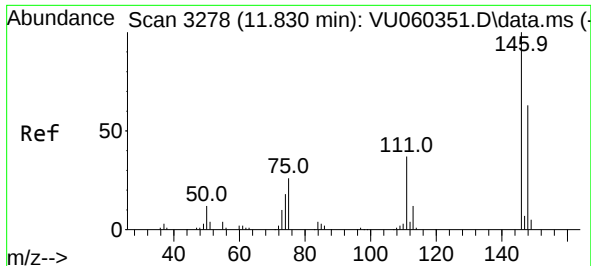
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#64
1,3-Dichlorobenzene
Concen: 0.240 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

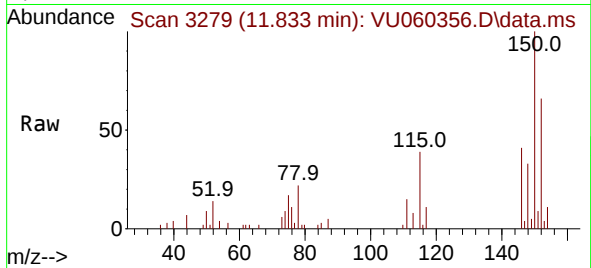
Tgt Ion:146 Resp: 4141
Ion Ratio Lower Upper
146 100
111 44.2 29.2 54.2
148 68.9 44.9 83.3





#65
1,4-Dichlorobenzene
Concen: 0.262 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

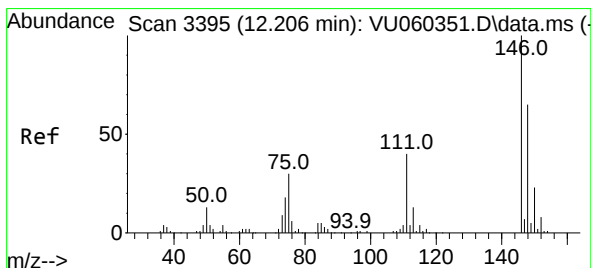
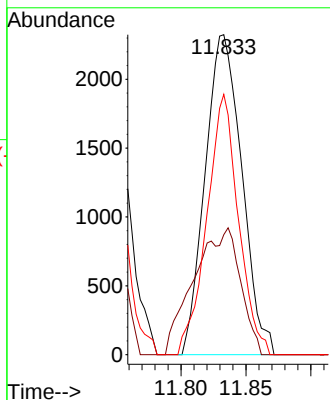
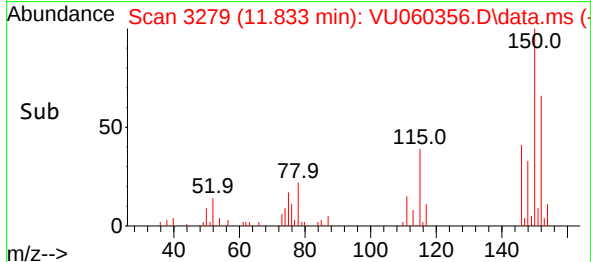
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:146 Resp: 4562
Ion Ratio Lower Upper
146 100
111 37.5 25.8 48.0
148 81.3 44.0 81.6

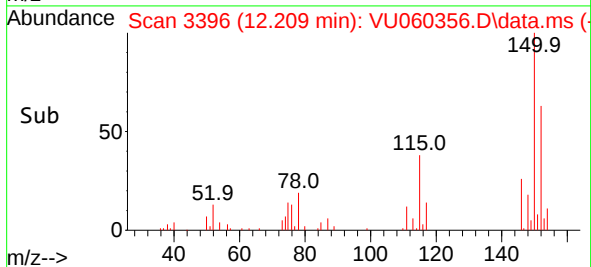
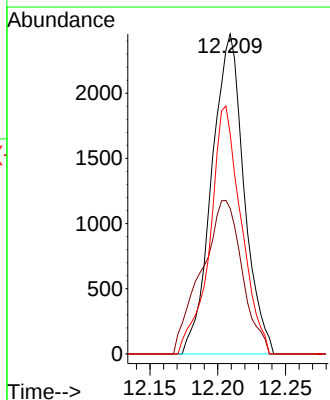
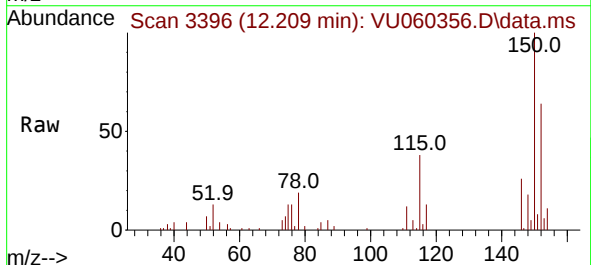
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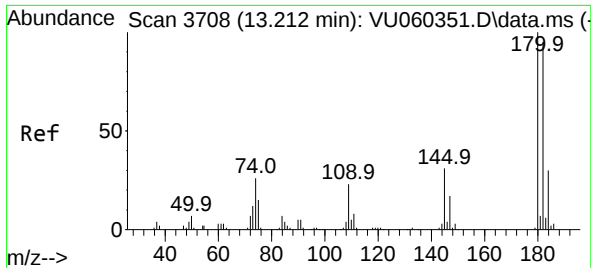
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#67
1,2-Dichlorobenzene
Concen: 0.249 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Tgt Ion:146 Resp: 4052
Ion Ratio Lower Upper
146 100
111 45.5 32.0 48.0
148 68.8 51.8 77.8





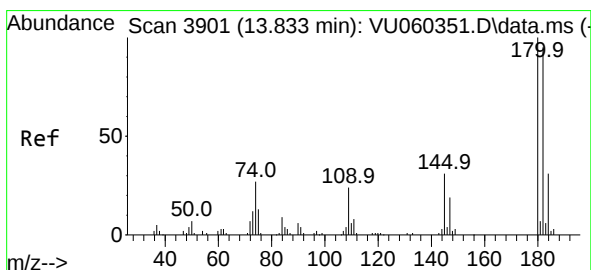
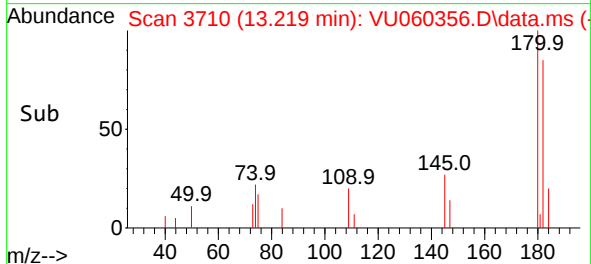
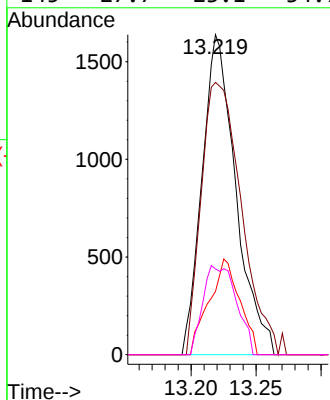
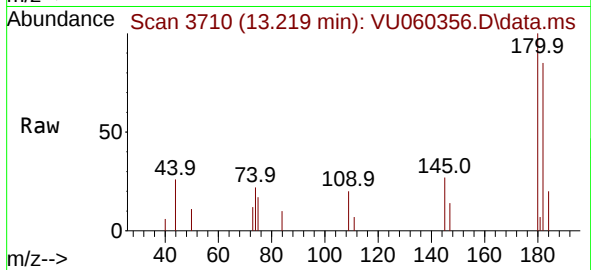
#69
1,3,5-Trichlorobenzene
Concen: 0.227 ug/L
RT: 13.219 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.5	76.0	114.0
184	27.2	23.8	35.8
145	27.7	23.1	34.7

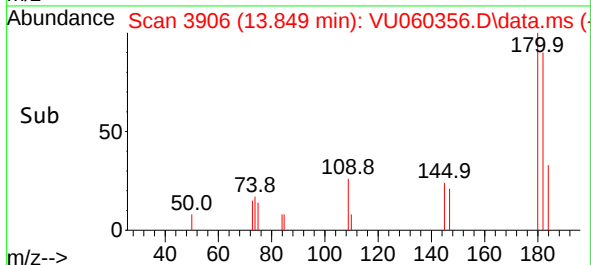
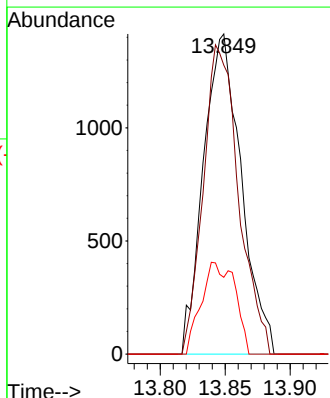
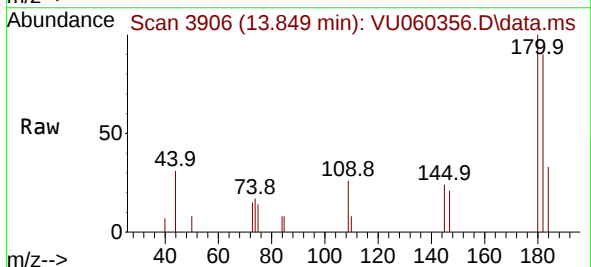
Manual Integrations
APPROVED

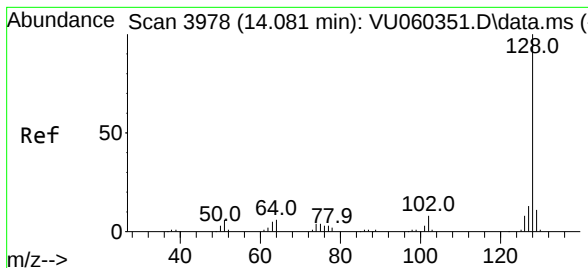
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#70
1,2,4-trichlorobenzene
Concen: 0.279 ug/L
RT: 13.849 min Scan# 3906
Delta R.T. 0.016 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

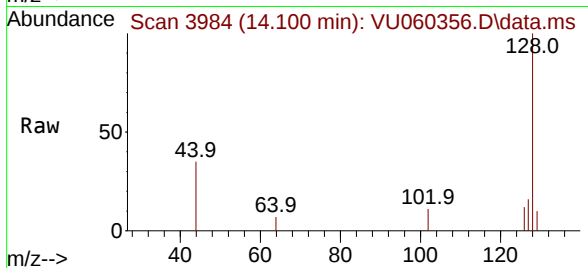
Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.1	76.0	114.0
145	25.6	23.7	35.5





#71
Naphthalene
Concen: 0.284 ug/L m
RT: 14.100 min Scan# 3978
Delta R.T. 0.019 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57

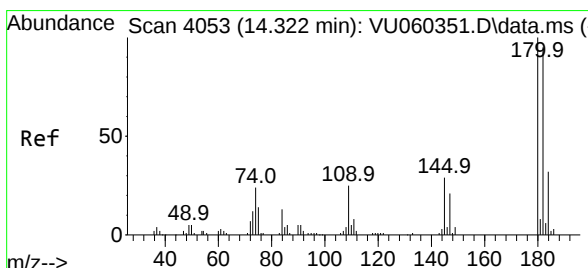
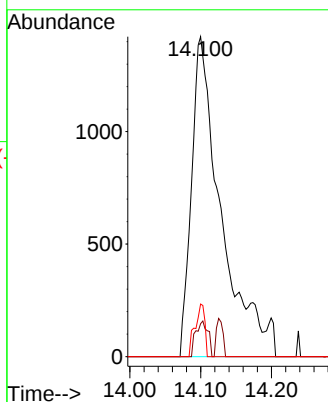
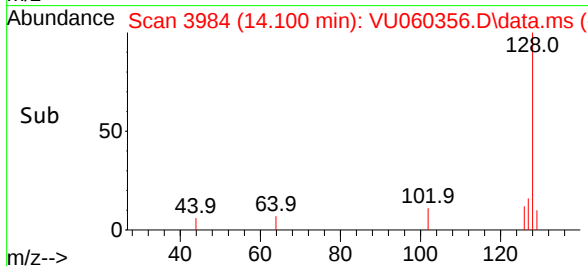
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



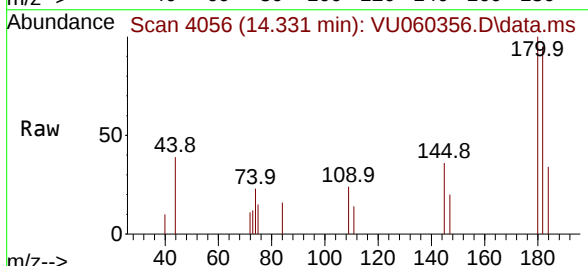
Tgt Ion:128 Resp: 4130
Ion Ratio Lower Upper
128 100
129 4.6 8.6 12.8
127 5.4 10.6 16.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#72
1,2,3-Trichlorobenzene
Concen: 0.271 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.010 min
Lab File: VU060356.D
Acq: 08 Aug 2024 14:57



Tgt Ion:180 Resp: 2490
Ion Ratio Lower Upper
180 100
182 82.8 75.7 113.5
145 29.4 23.7 35.5

