

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060369.D
 Acq On : 09 Aug 2024 12:01
 Operator : MD/SY
 Sample : P3391-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Aug 10 05:08:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 10 04:43:24 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	102444	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	109566	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	46922	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35241	4.383	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.907	69	35120	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.560	65	14877	4.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.640	46	88131	51.642	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.280%
24) Chloroform-d	5.055	84	76288	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.698	65	37186	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	144918	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	50546	4.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.894	98	119466	4.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.177	79	14891	4.494	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.631	63	69343	47.157	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.320%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	40874	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	44195	5.113	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	1516	0.274	ug/L #	88
3) Chloromethane	1.518	50	2088	0.304	ug/L	99
5) Vinyl chloride	1.602	62	2181	0.271	ug/L	98
6) Bromomethane	1.853	94	1455	0.255	ug/L	93
8) Chloroethane	1.930	64	1850	0.339	ug/L	91
9) Trichlorofluoromethane	2.132	101	2705	0.240	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	2277	0.306	ug/L #	84
12) 1,1-Dichloroethene	2.573	96	2165	0.321	ug/L #	1
14) Carbon disulfide	2.788	76	4555	0.267	ug/L	100
16) Methylene chloride	3.046	84	3027	0.315	ug/L	93
17) Methyl tert-butyl Ether	3.364	73	3530	0.222	ug/L #	92
18) trans-1,2-Dichloroethene	3.354	96	1535	0.232	ug/L	84
19) 1,1-Dichloroethane	3.869	63	3375	0.247	ug/L	92
21) 2-Butanone	4.750	43	4436m	2.554	ug/L	
22) cis-1,2-Dichloroethene	4.657	96	1998	0.250	ug/L	92
23) Bromochloromethane	4.984	128	829	0.225	ug/L #	80
25) Chloroform	5.081	83	4474	0.301	ug/L	98
27) 1,2-Dichloroethane	5.804	62	2224	0.281	ug/L #	70
30) Cyclohexane	5.380	56	2128	0.219	ug/L #	84

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

31) Carbon tetrachloride	5.521	117	2540	0.242	ug/L	95
33) Benzene	5.772	78	7865	0.249	ug/L	100
35) Methylcyclohexane	6.756	83	2532	0.235	ug/L #	85
37) 1,2-Dichloropropane	6.785	63	2158	0.251	ug/L #	88
38) Bromodichloromethane	7.103	83	2620	0.247	ug/L #	82
39) cis-1,3-Dichloropropene	7.608	75	2577	0.221	ug/L	99
40) 4-Methyl-2-pentanone	7.791	43	9378m	2.340	ug/L	
42) Toluene	7.968	91	7810	0.234	ug/L	94
44) trans-1,3-Dichloropropene	8.209	75	1964m	0.204	ug/L	
45) 1,1,2-Trichloroethane	8.396	97	1645	0.250	ug/L	95
49) Dibromochloromethane	8.804	129	1656	0.237	ug/L	95
50) 1,2-Dibromoethane	8.923	107	1311	0.224	ug/L #	98
51) Chlorobenzene	9.444	112	5030	0.224	ug/L	89
52) Ethylbenzene	9.569	91	7783	0.222	ug/L	94
53) m,p-Xylene	9.692	106	2676	0.200	ug/L	100
54) o-Xylene	10.097	106	2563	0.201	ug/L	85
55) Styrene	10.119	104	3842	0.174	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.772	83	1981	0.242	ug/L #	93
59) Bromoform	10.283	173	1059	0.297	ug/L #	89
60) Isopropylbenzene	10.483	105	6284	0.222	ug/L	97
61) 1,2,3-Trichloropropane	10.817	75	1370	0.302	ug/L #	85
62) 1,3,5-Trimethylbenzene	11.087	105	4793	0.220	ug/L	97
63) 1,2,4-Trimethylbenzene	11.467	105	4742	0.221	ug/L	94
64) 1,3-Dichlorobenzene	11.746	146	3751	0.260	ug/L	93
65) 1,4-Dichlorobenzene	11.833	146	4050	0.278	ug/L	90
67) 1,2-Dichlorobenzene	12.206	146	3980	0.292	ug/L	90
68) 1,2-Dibromo-3-chloropr...	13.003	75	100	0.117	ug/L #	39
69) 1,3,5-Trichlorobenzene	13.219	180	2686	0.246	ug/L #	94
70) 1,2,4-trichlorobenzene	13.846	180	2068	0.241	ug/L	94
71) Naphthalene	14.106	128	2971m	0.244	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	1981	0.258	ug/L	90

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

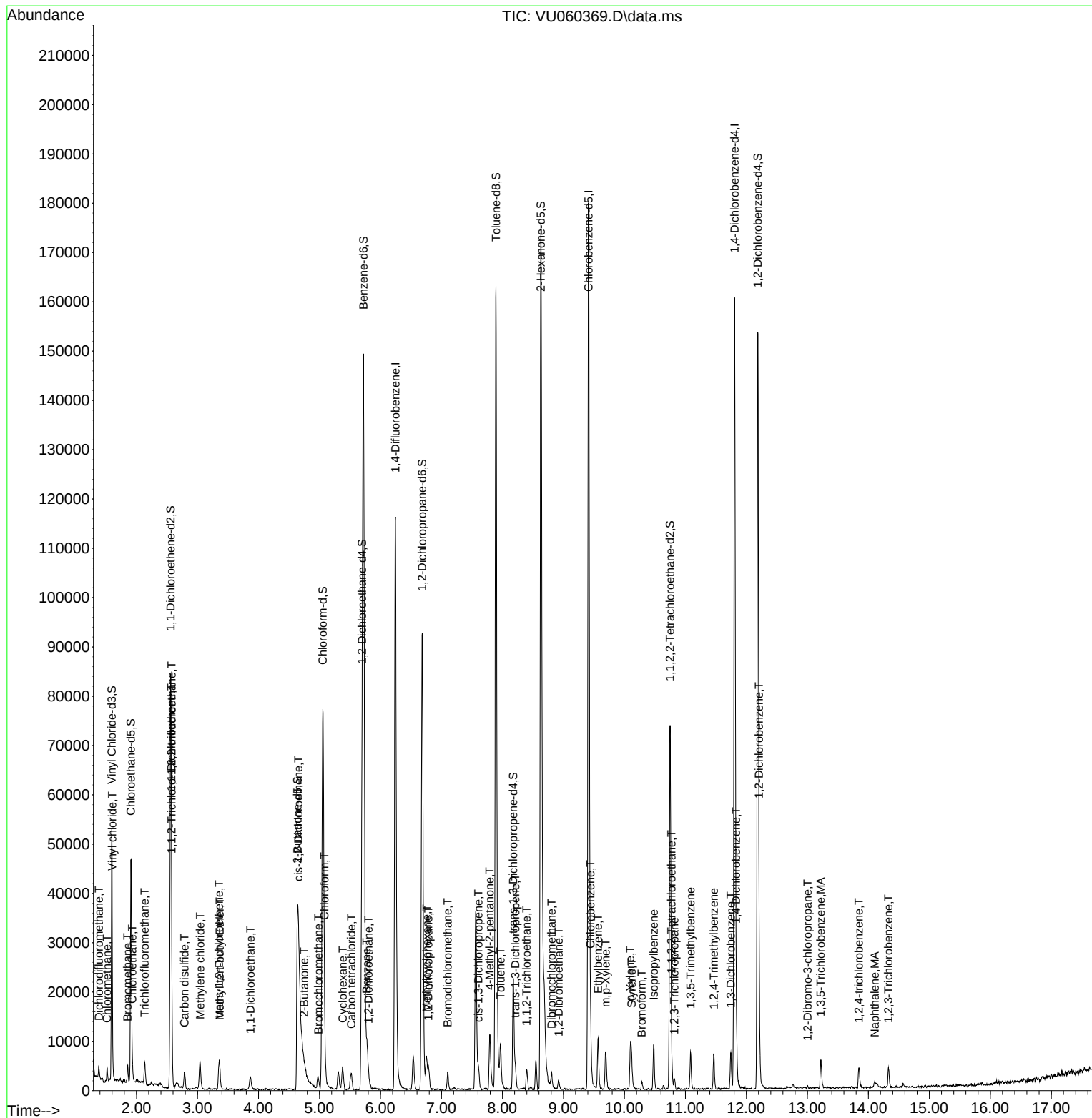
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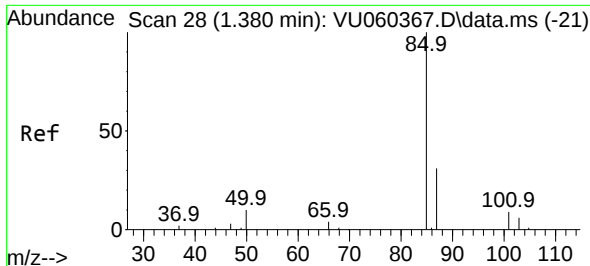
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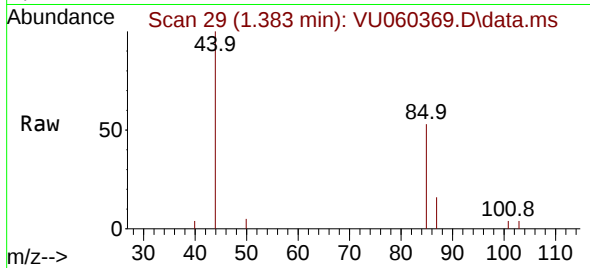
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024





#2
 Dichlorodifluoromethane
 Concen: 0.274 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU060369.D
 Acq: 09 Aug 2024 12:01

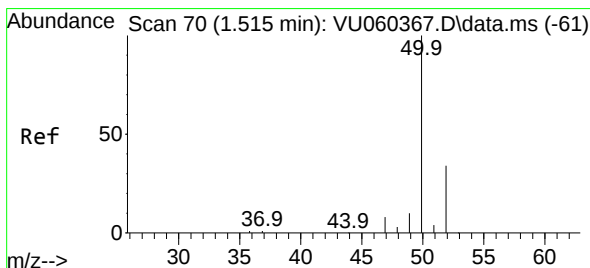
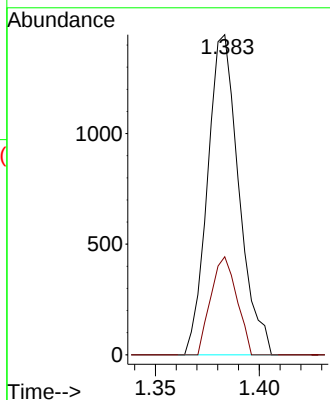
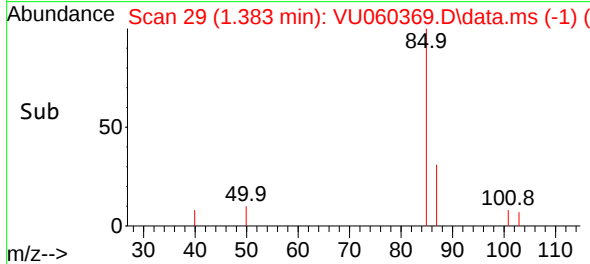
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-QT3-2024-05



Tgt Ion: 85 Resp: 1510
 Ion Ratio Lower Upper
 85 100
 87 25.3 25.7 38.5

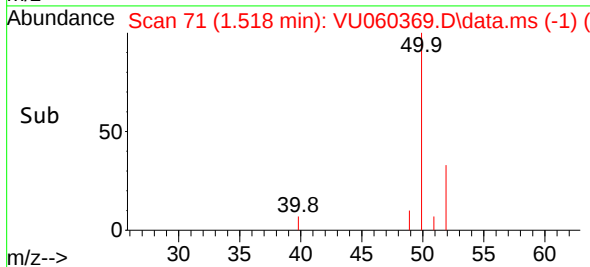
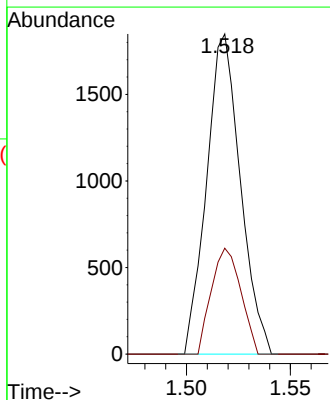
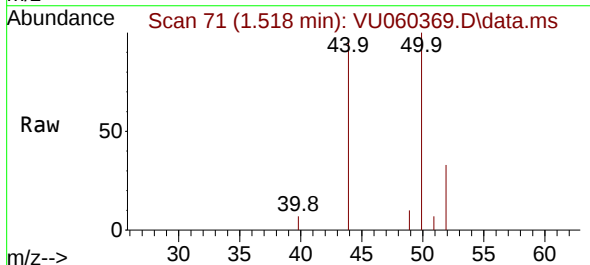
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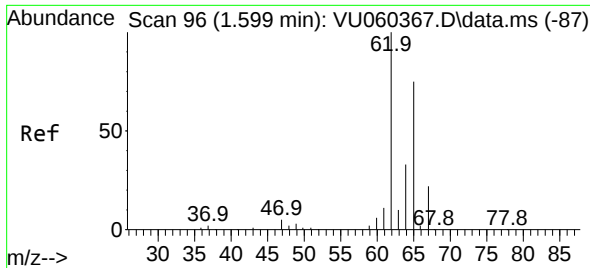
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024



#3
 Chloromethane
 Concen: 0.304 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU060369.D
 Acq: 09 Aug 2024 12:01

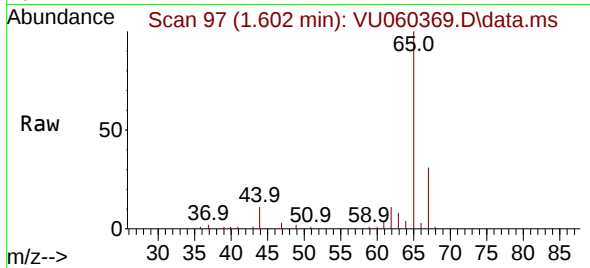
Tgt Ion: 50 Resp: 2088
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.8 42.4





#5
 Vinyl chloride
 Concen: 0.271 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU060369.D
 Acq: 09 Aug 2024 12:01

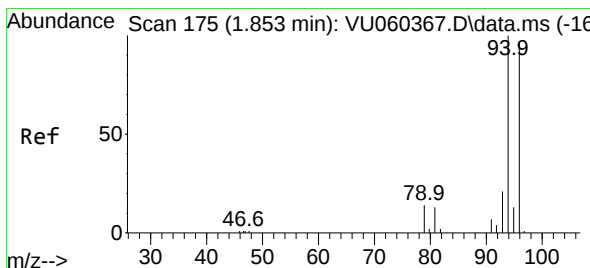
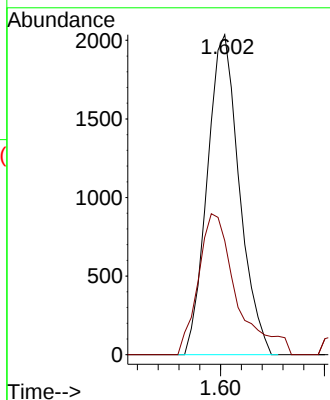
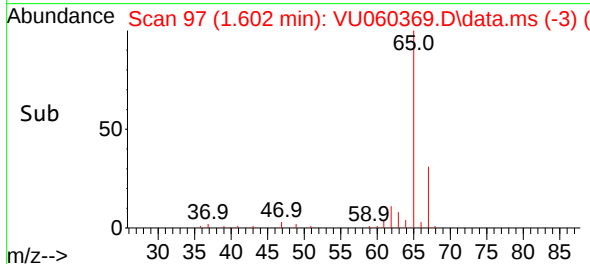
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2024-05



Tgt Ion: 62 Resp: 218
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.1 44.7

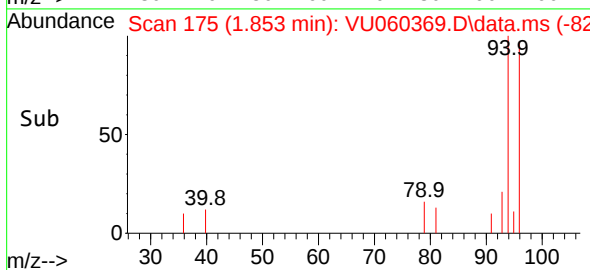
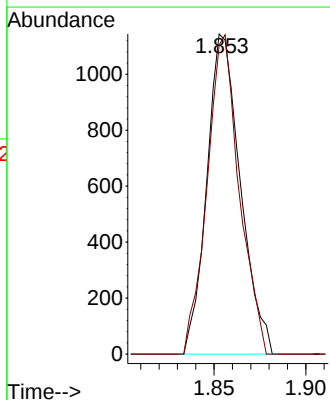
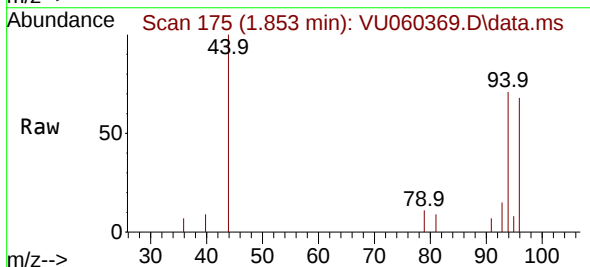
Manual Integrations
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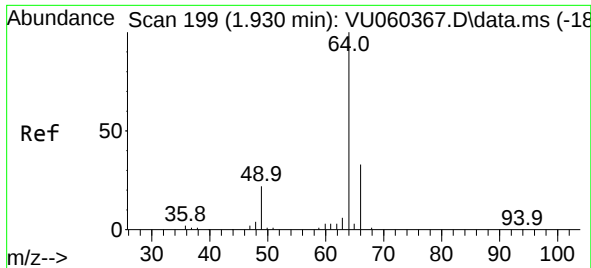
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024



#6
 Bromomethane
 Concen: 0.255 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU060369.D
 Acq: 09 Aug 2024 12:01

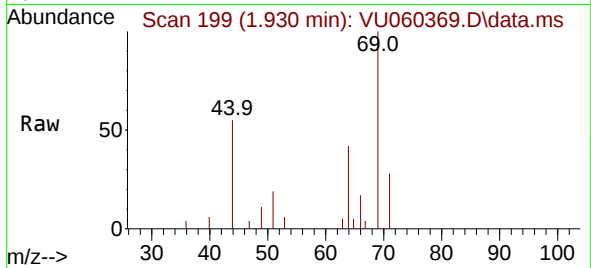
Tgt Ion: 94 Resp: 1455
 Ion Ratio Lower Upper
 94 100
 96 96.5 63.2 117.4





#8
Chloroethane
Concen: 0.339 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

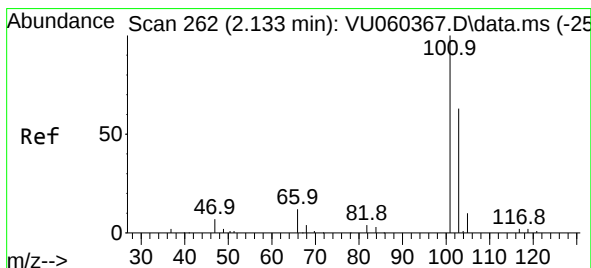
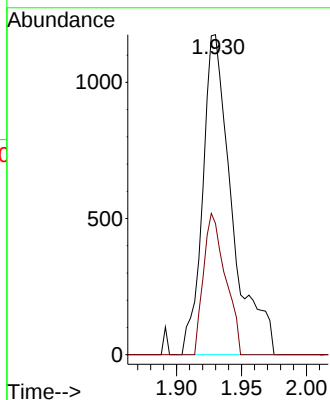
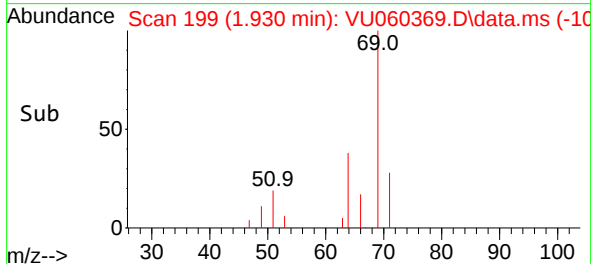
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Tgt Ion: 64 Resp: 1850
Ion Ratio Lower Upper
64 100
66 36.9 22.2 41.2

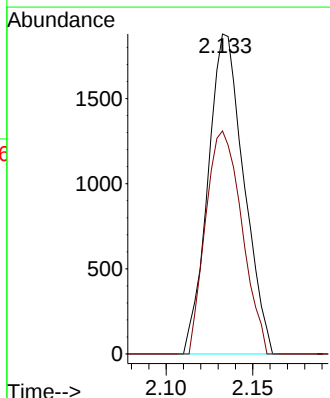
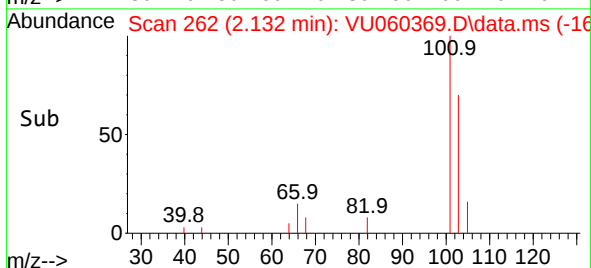
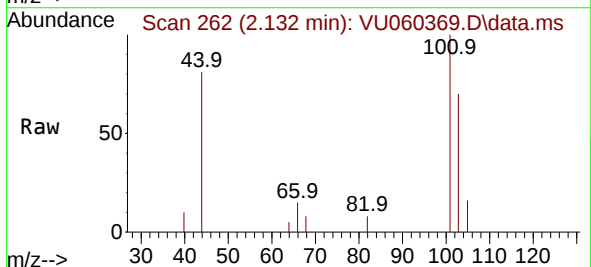
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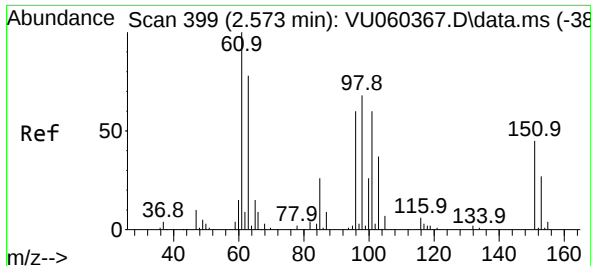
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#9
Trichlorofluoromethane
Concen: 0.240 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

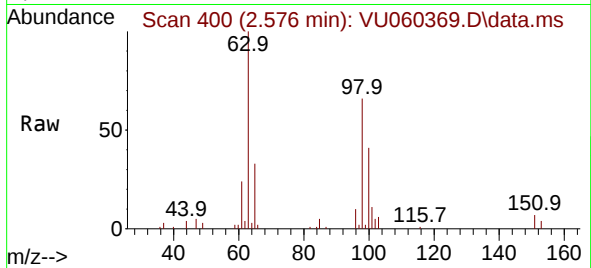
Tgt Ion:101 Resp: 2705
Ion Ratio Lower Upper
101 100
103 70.4 51.7 77.5





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.306 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

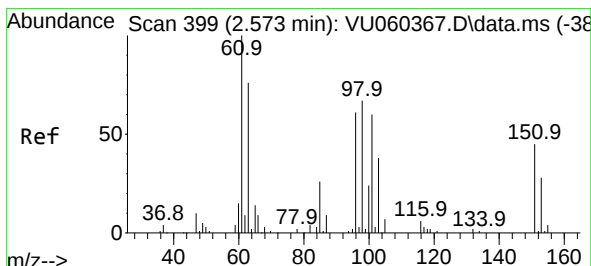
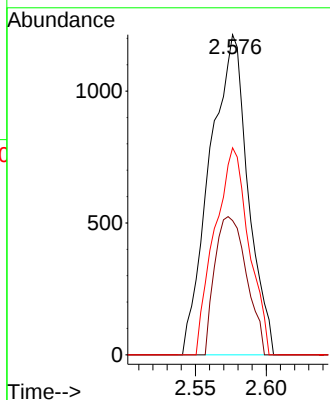
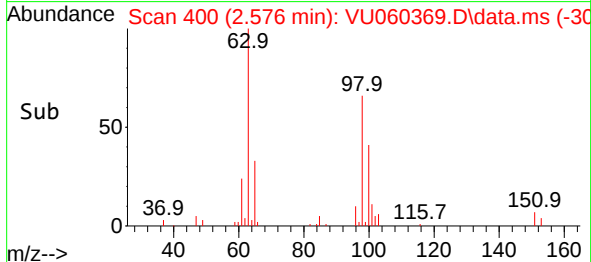
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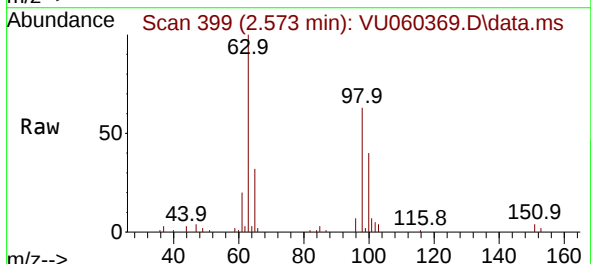
Tgt Ion: 101 Resp: 227
Ion Ratio Lower Upper
101 100
85 35.8 33.5 50.3
151 57.9 59.7 89.5

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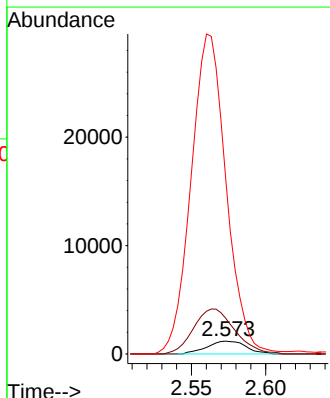
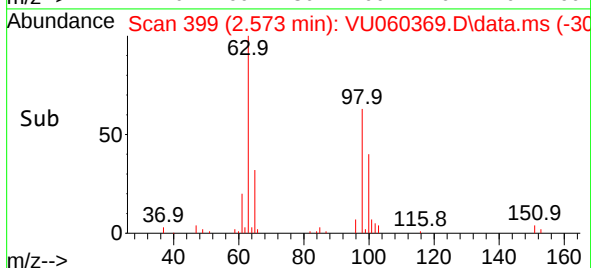
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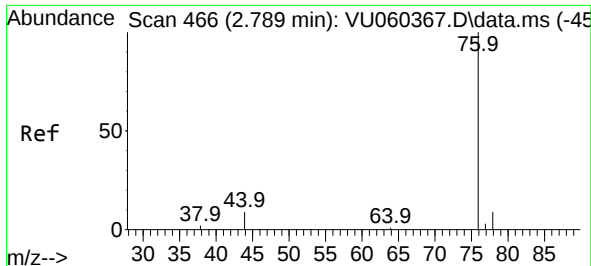


#12
1,1-Dichloroethene
Concen: 0.321 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01



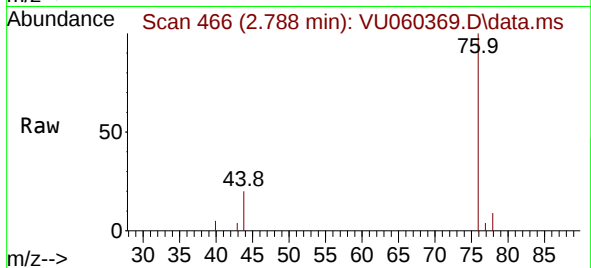
Tgt Ion: 96 Resp: 2165
Ion Ratio Lower Upper
96 100
61 279.6 114.4 212.4#
63 1369.3 96.0 178.4#





#14
Carbon disulfide
Concen: 0.267 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

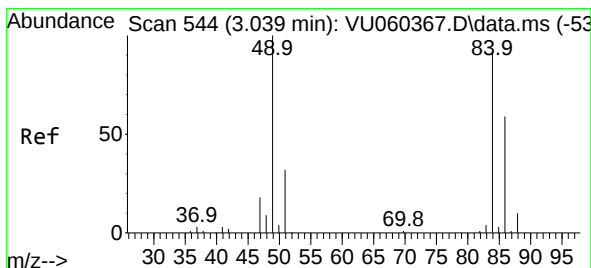
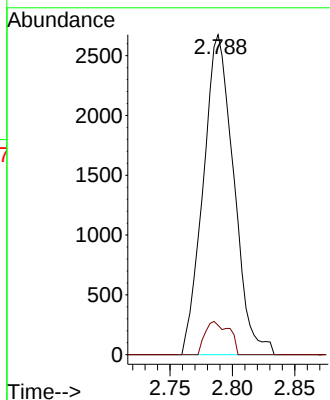
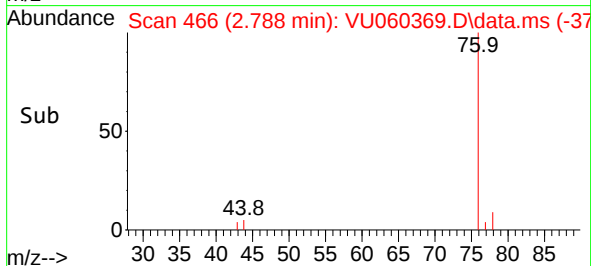
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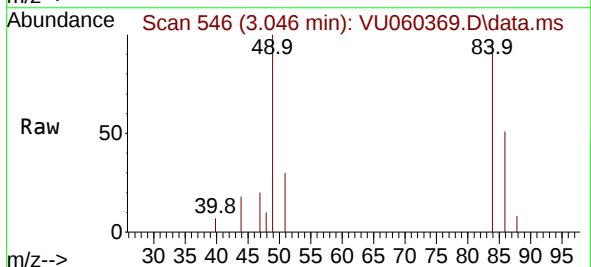
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Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

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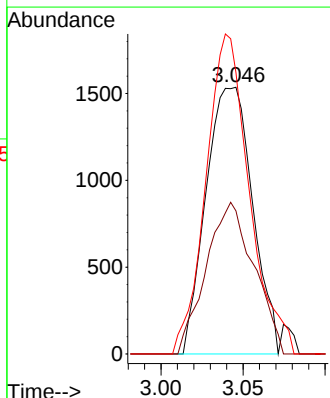
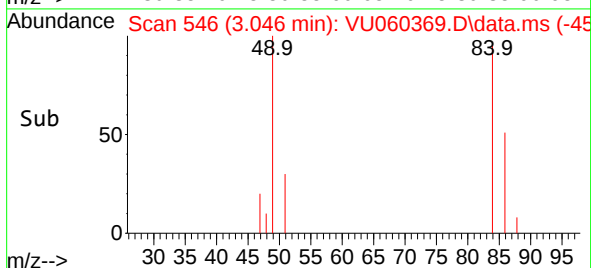
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

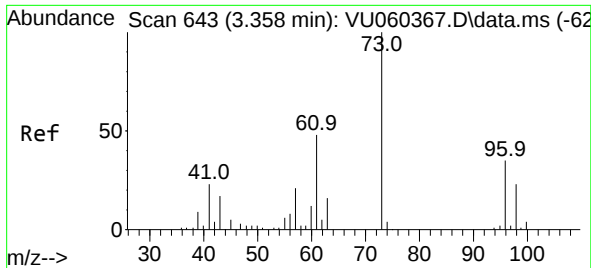


#16
Methylene chloride
Concen: 0.315 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.006 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01



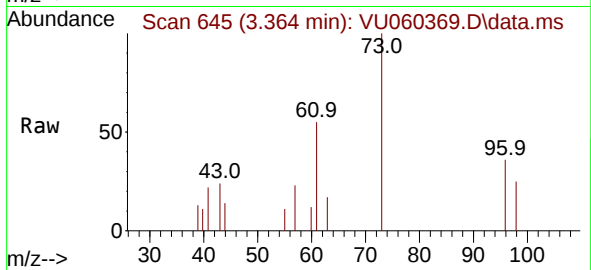
Tgt Ion: 84 Resp: 3027
Ion Ratio Lower Upper
84 100
86 53.6 47.1 87.5
49 105.5 73.9 137.3





#17
Methyl tert-butyl Ether
Concen: 0.222 ug/L
RT: 3.364 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

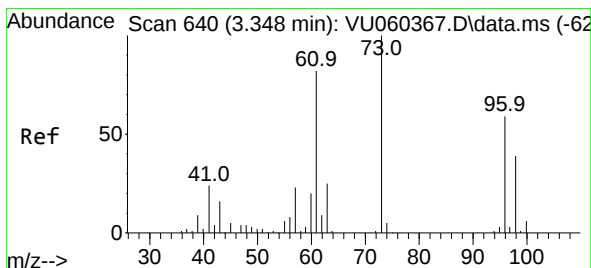
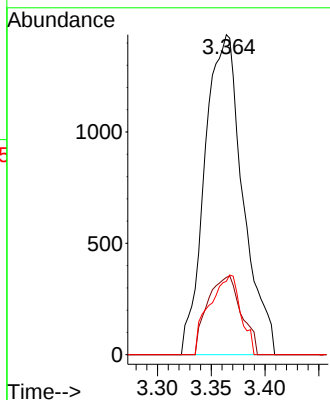
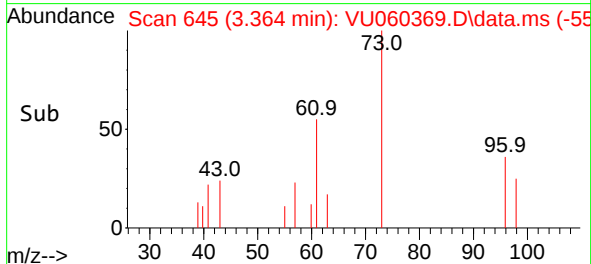
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-05



Tgt Ion: 73 Resp: 3530
Ion Ratio Lower Upper
73 100
43 21.8 12.8 19.2
57 20.4 17.5 26.3

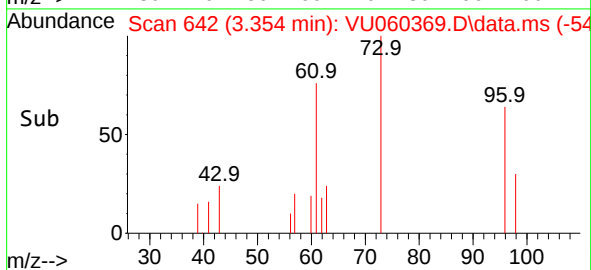
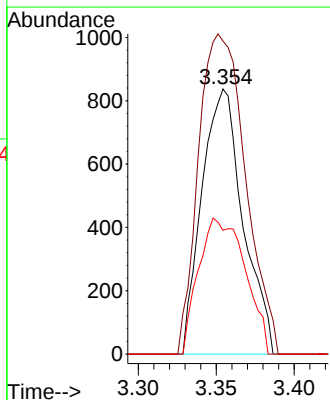
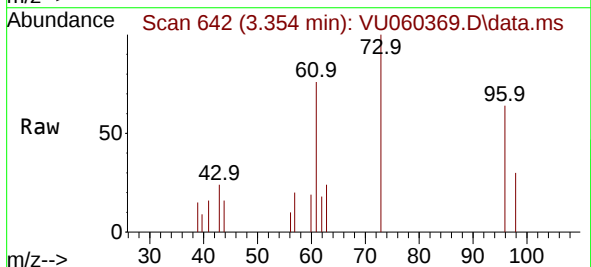
Manual Integrations
APPROVED

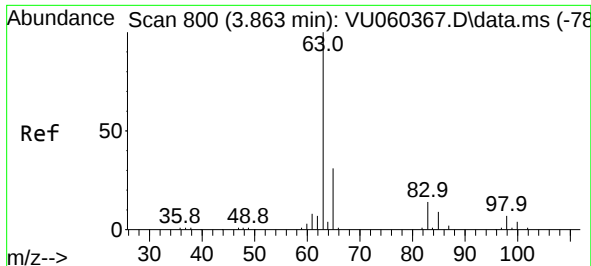
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#18
trans-1,2-Dichloroethene
Concen: 0.232 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

Tgt Ion: 96 Resp: 1535
Ion Ratio Lower Upper
96 100
61 118.2 93.7 174.1
98 46.7 44.7 82.9





#19

1,1-Dichloroethane

Concen: 0.247 ug/L

RT: 3.869 min Scan# 800

Delta R.T. 0.006 min

Lab File: VU060369.D

Acq: 09 Aug 2024 12:01

Instrument :

MSVOA_U

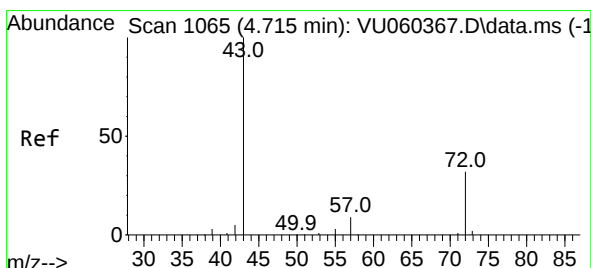
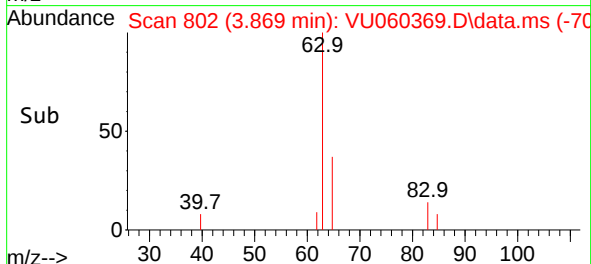
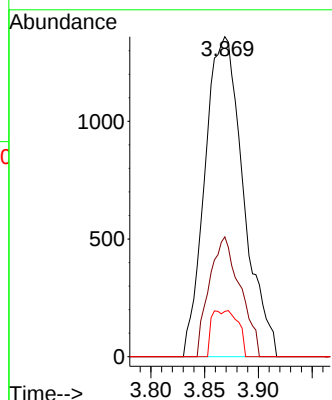
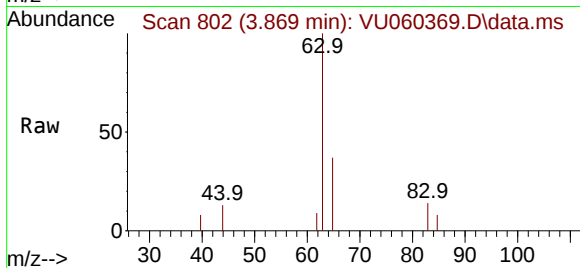
ClientSampleId :

MDL-WATER-QT3-2024-05

Tgt Ion: 63	Resp: 337
Ion Ratio	Lower Upper
63	100
65	37.4 22.2 41.2
83	14.1 9.1 16.9

Manual Integrations
APPROVED

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



#21

2-Butanone

Concen: 2.554 ug/L m

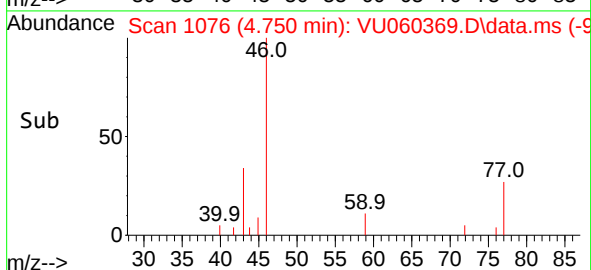
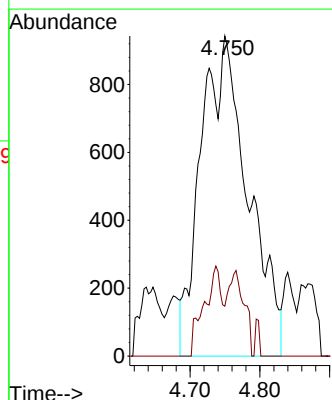
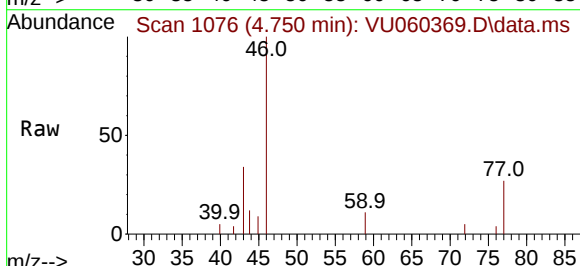
RT: 4.750 min Scan# 1076

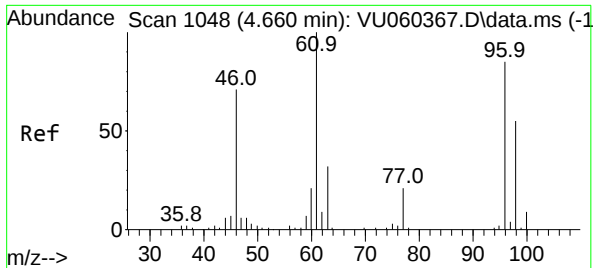
Delta R.T. 0.035 min

Lab File: VU060369.D

Acq: 09 Aug 2024 12:01

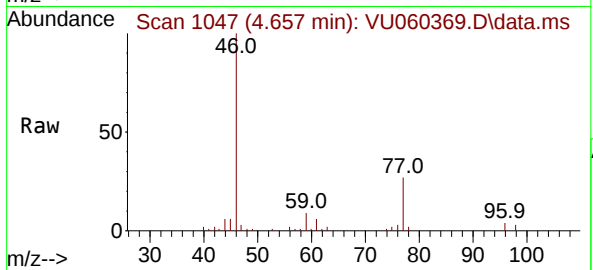
Tgt Ion: 43	Resp: 4436
Ion Ratio	Lower Upper
43	100
72	10.8 15.9 47.6#





#22
 cis-1,2-Dichloroethene
 Concen: 0.250 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU060369.D
 Acq: 09 Aug 2024 12:01

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

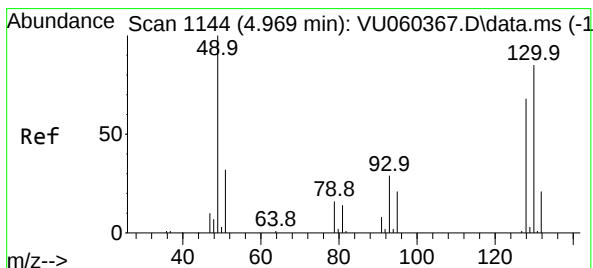
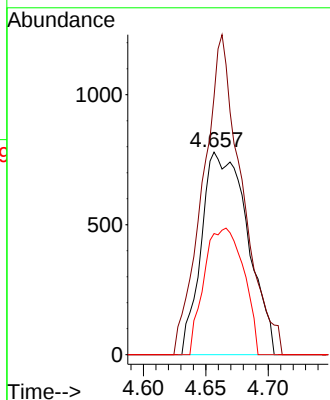
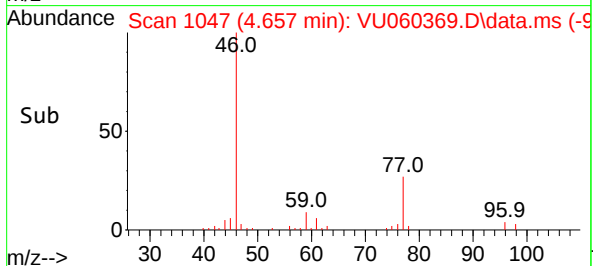


Tgt Ion: 96 Resp: 1998

Ion	Ratio	Lower	Upper
96	100		
61	127.3	81.5	151.5
98	59.8	43.5	80.7

Manual Integrations
 APPROVED

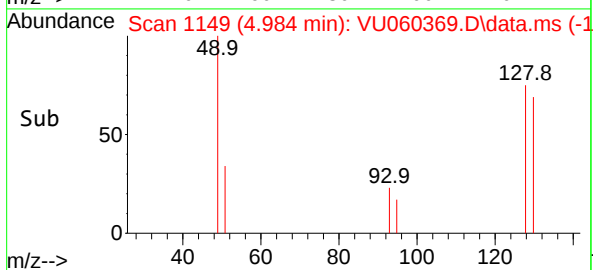
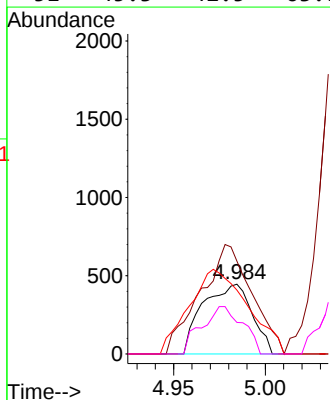
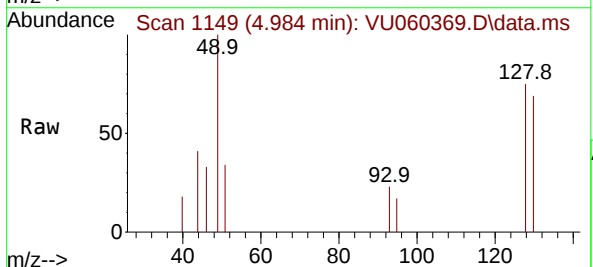
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

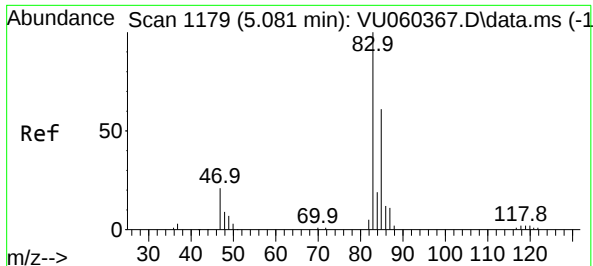


#23
 Bromochloromethane
 Concen: 0.225 ug/L
 RT: 4.984 min Scan# 1149
 Delta R.T. 0.016 min
 Lab File: VU060369.D
 Acq: 09 Aug 2024 12:01

Tgt Ion:128 Resp: 829

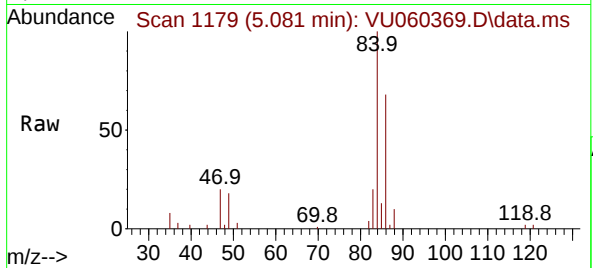
Ion	Ratio	Lower	Upper
128	100		
49	133.0	101.0	187.6
130	91.5	92.7	172.1#
51	45.3	42.5	63.7





#25
Chloroform
Concen: 0.301 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

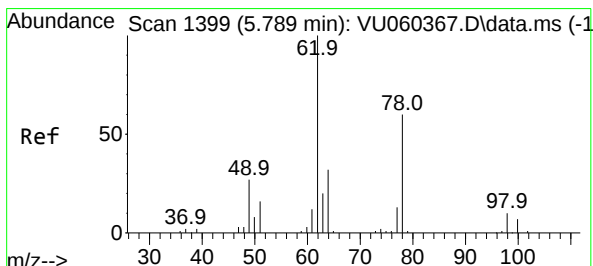
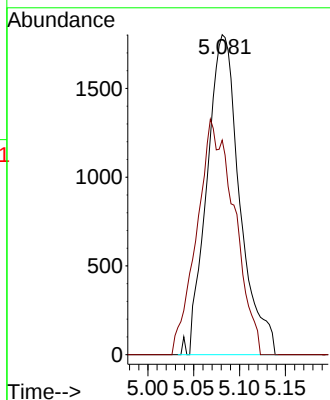
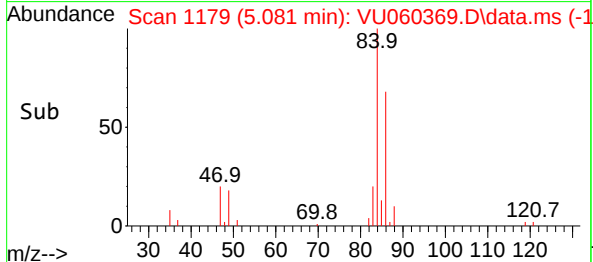
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-05



Tgt Ion: 83 Resp: 4474
Ion Ratio Lower Upper
83 100
85 67.1 45.6 84.6

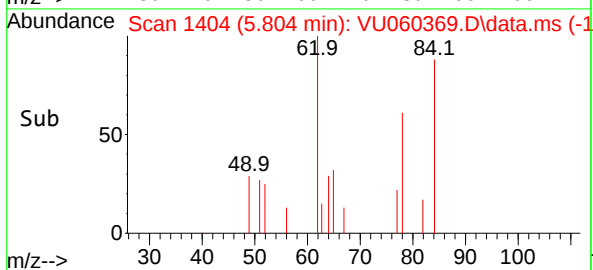
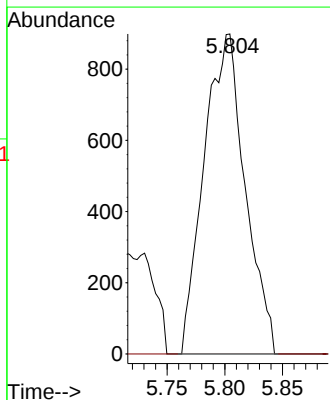
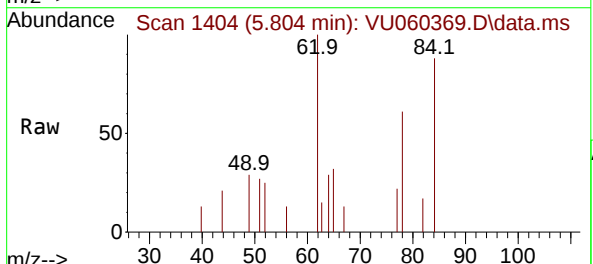
Manual Integrations
APPROVED

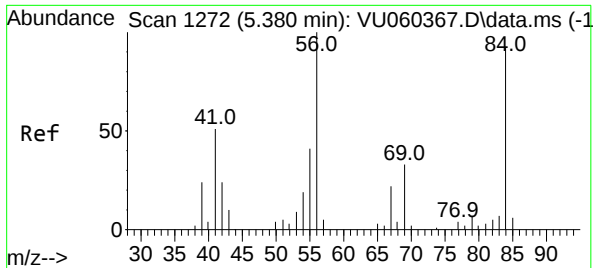
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#27
1,2-Dichloroethane
Concen: 0.281 ug/L
RT: 5.804 min Scan# 1404
Delta R.T. 0.016 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

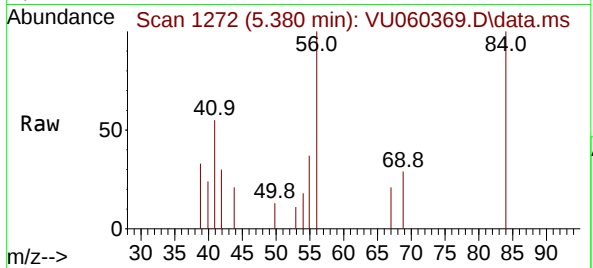
Tgt Ion: 62 Resp: 2224
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#





#30
Cyclohexane
Concen: 0.219 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

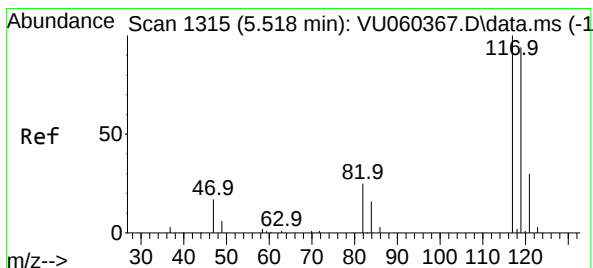
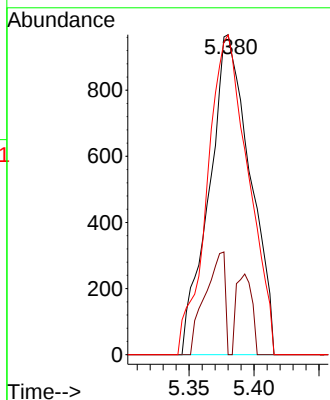
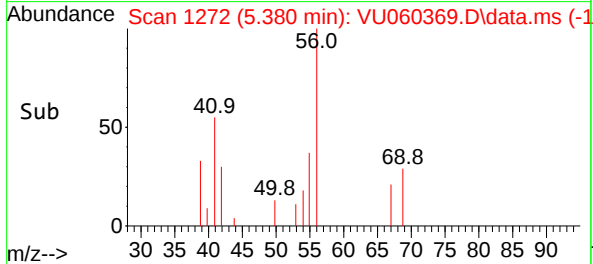
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-05



Tgt Ion: 56 Resp: 2128
Ion Ratio Lower Upper
56 100
69 15.5 24.7 37.1
84 99.8 70.7 106.1

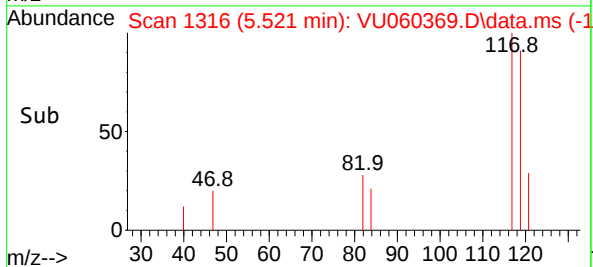
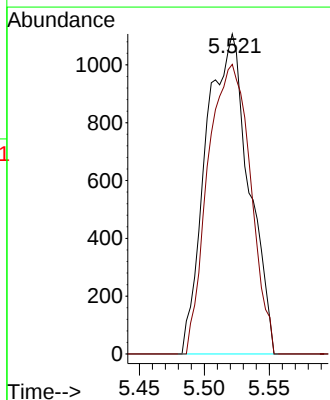
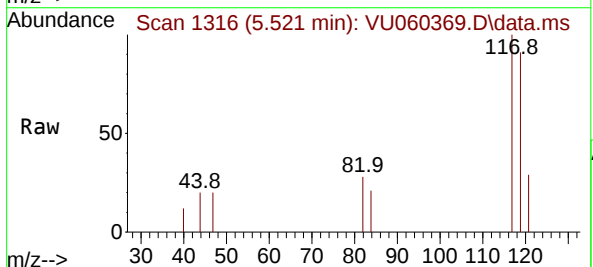
Manual Integrations
APPROVED

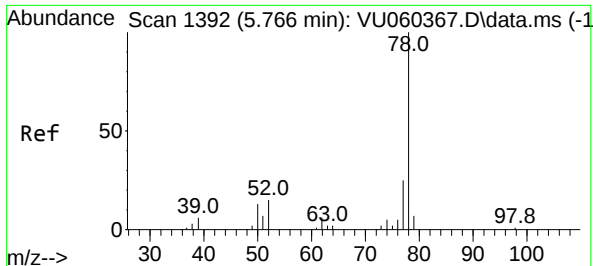
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#31
Carbon tetrachloride
Concen: 0.242 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

Tgt Ion:117 Resp: 2540
Ion Ratio Lower Upper
117 100
119 89.8 75.8 113.8





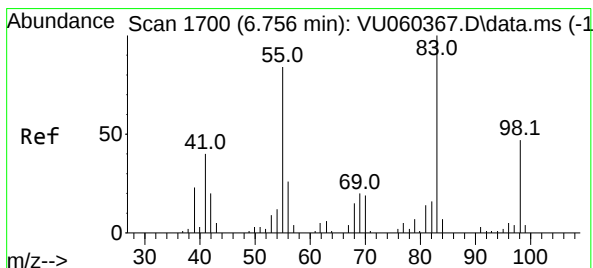
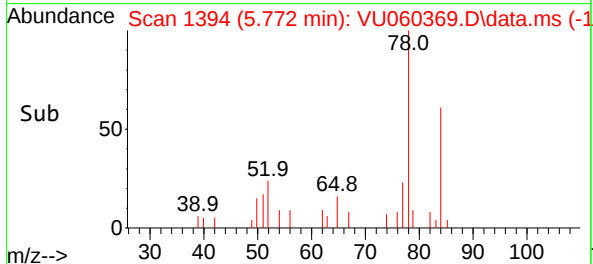
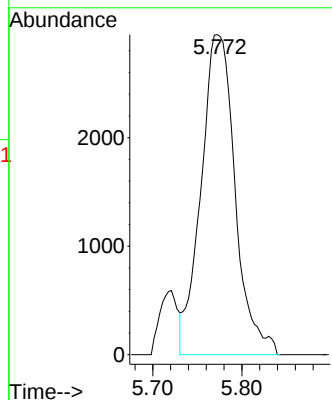
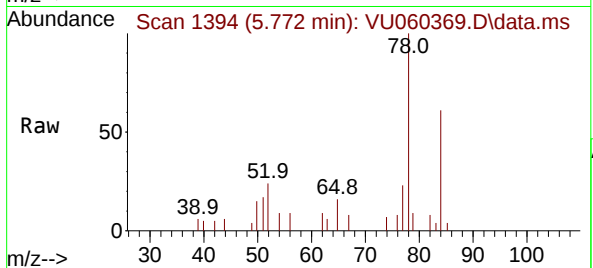
#33
Benzene
Concen: 0.249 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

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

Tgt Ion: 78 Resp: 786

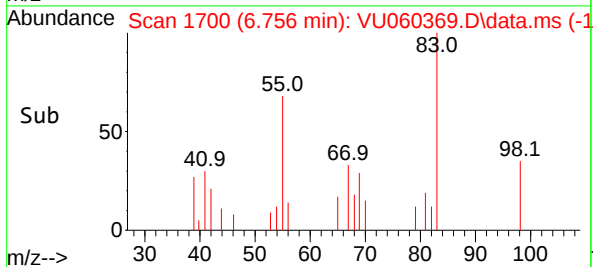
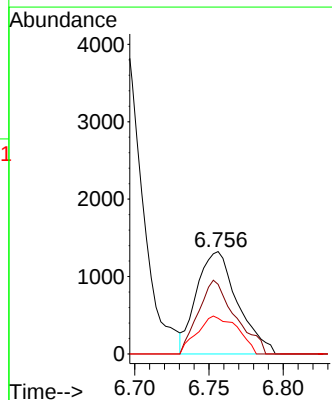
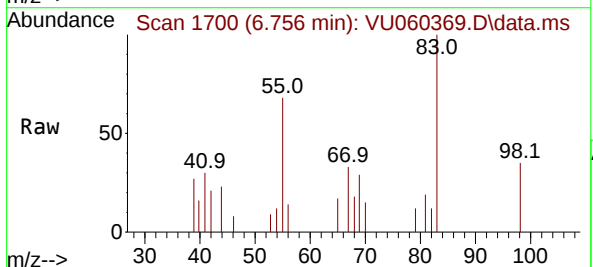
Manual Integrations
APPROVED

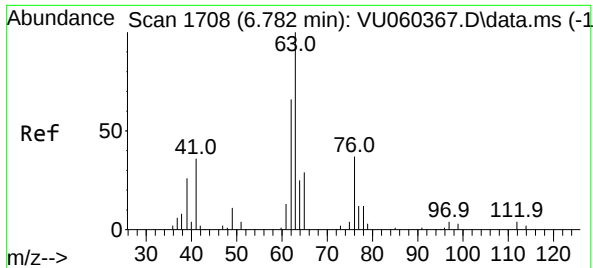
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#35
Methylcyclohexane
Concen: 0.235 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

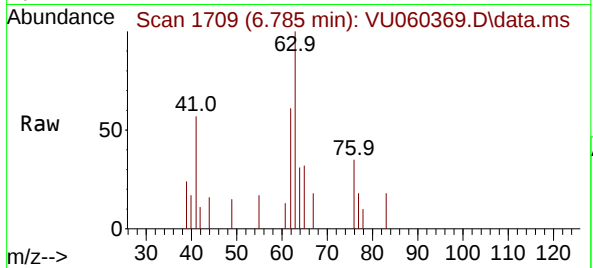
Tgt Ion: 83 Resp: 2532
Ion Ratio Lower Upper
83 100
55 64.8 62.4 93.6
98 36.5 37.3 55.9#





#37
1,2-Dichloropropane
Concen: 0.251 ug/L
RT: 6.785 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

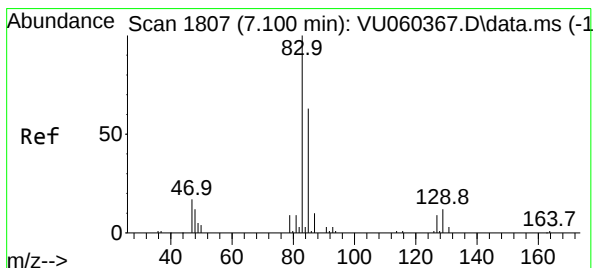
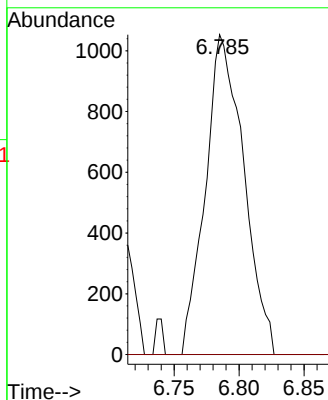
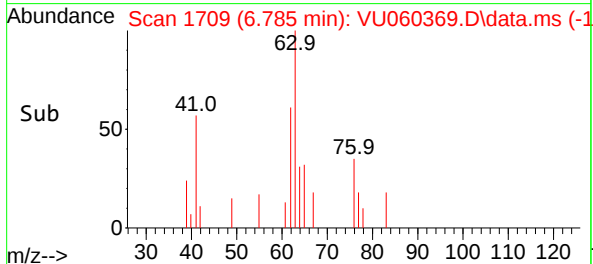
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-05



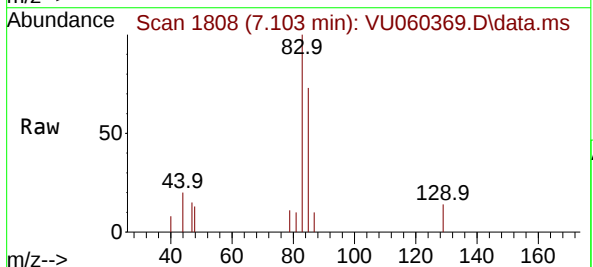
Tgt Ion: 63 Resp: 2158
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9

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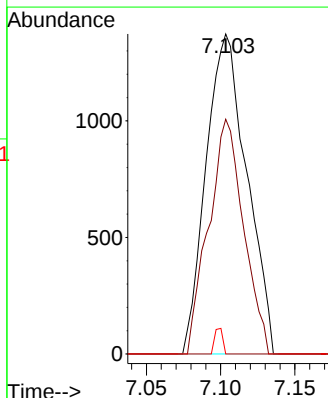
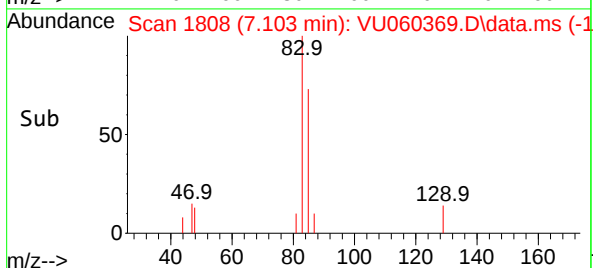
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

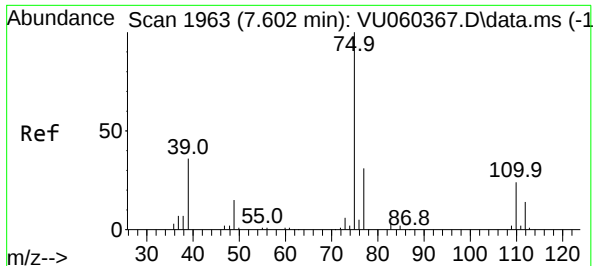


#38
Bromodichloromethane
Concen: 0.247 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01



Tgt Ion: 83 Resp: 2620
Ion Ratio Lower Upper
83 100
85 73.3 42.4 78.8
127 0.0 7.0 10.4





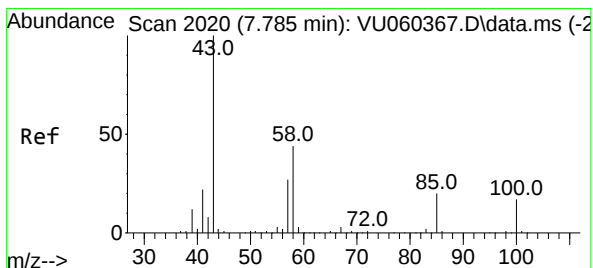
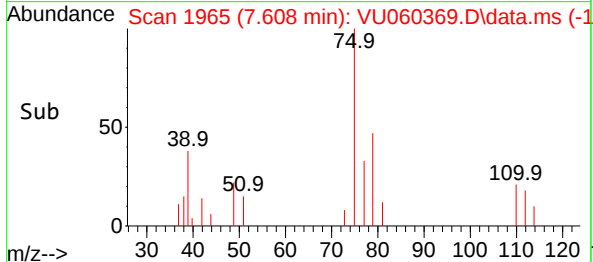
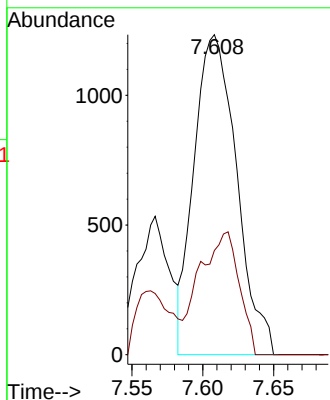
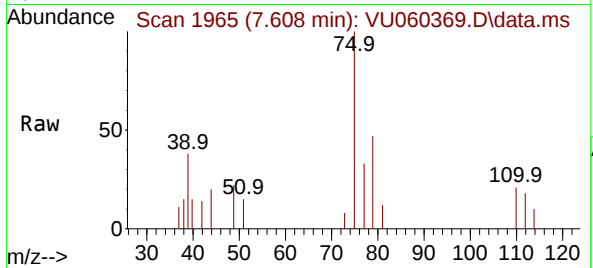
#39
 cis-1,3-Dichloropropene
 Concen: 0.221 ug/L
 RT: 7.608 min Scan# 1963
 Delta R.T. 0.006 min
 Lab File: VU060369.D
 Acq: 09 Aug 2024 12:01

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

Tgt Ion: 75 Resp: 257
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.5 41.9

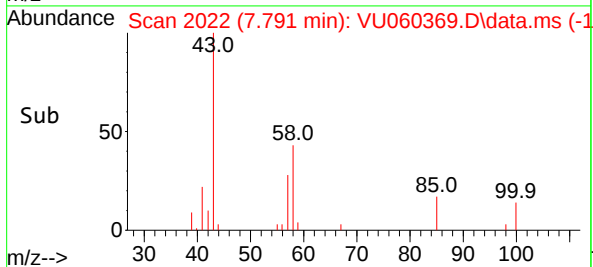
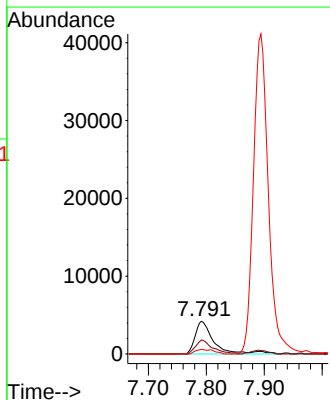
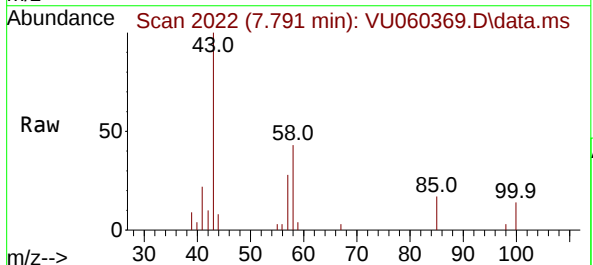
Manual Integrations
 APPROVED

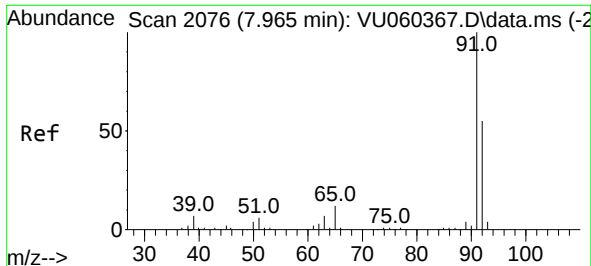
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024



#40
 4-Methyl-2-pentanone
 Concen: 2.340 ug/L m
 RT: 7.791 min Scan# 2022
 Delta R.T. 0.006 min
 Lab File: VU060369.D
 Acq: 09 Aug 2024 12:01

Tgt Ion: 43 Resp: 9378
 Ion Ratio Lower Upper
 43 100
 58 38.6 36.6 55.0
 100 0.0 14.1 21.1#





#42

Toluene

Concen: 0.234 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU060369.D

Acq: 09 Aug 2024 12:01

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2024-05

Tgt Ion: 91 Resp: 7810

Ion Ratio Lower Upper

91 100

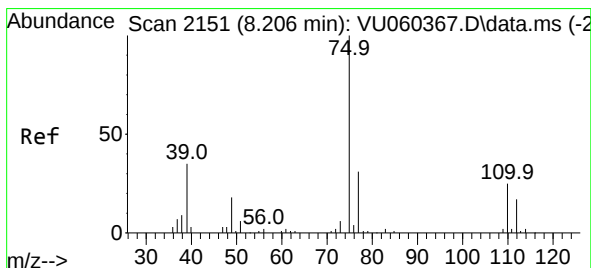
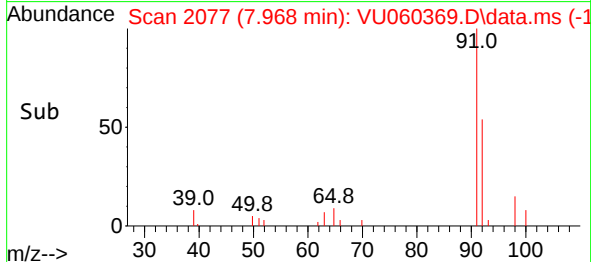
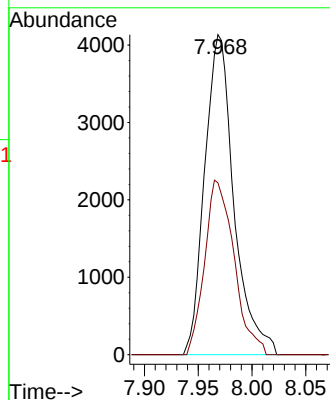
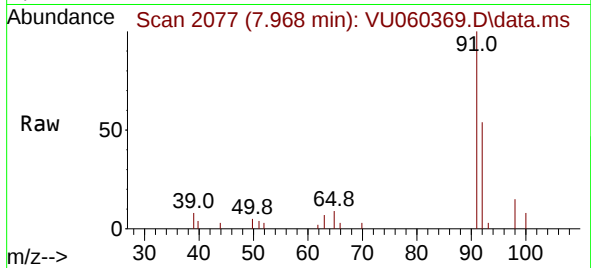
92 53.7 40.6 75.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024

Supervised By :Semsettin Yesilyurt 08/12/2024



#44

trans-1,3-Dichloropropene

Concen: 0.204 ug/L m

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU060369.D

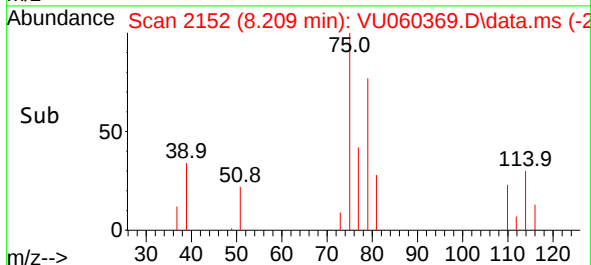
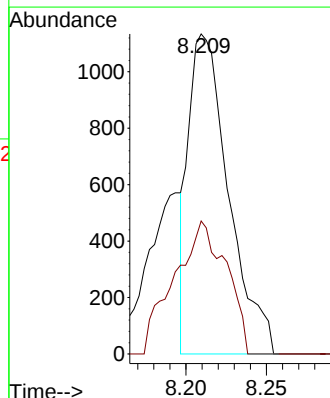
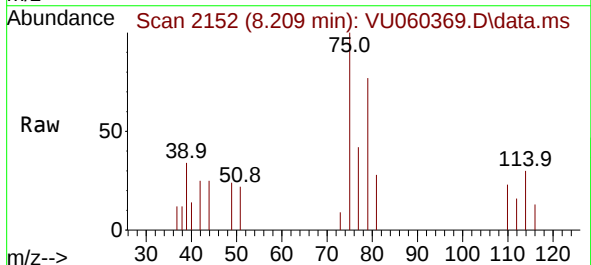
Acq: 09 Aug 2024 12:01

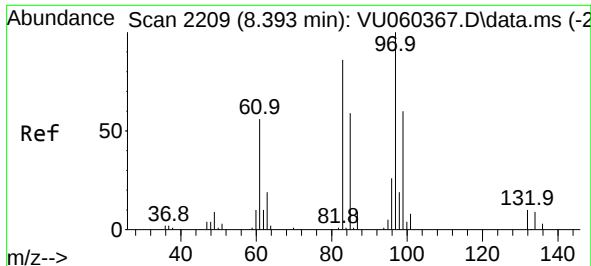
Tgt Ion: 75 Resp: 1964

Ion Ratio Lower Upper

75 100

77 41.5 25.0 46.4





#45

1,1,2-Trichloroethane

Concen: 0.250 ug/L

RT: 8.396 min Scan# 2110

Delta R.T. 0.003 min

Lab File: VU060369.D

Acq: 09 Aug 2024 12:01

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2024-05

Tgt Ion: 97 Resp: 164

Ion Ratio Lower Upper

97 100

99 59.0 45.8 85.0

83 93.1 61.7 114.5

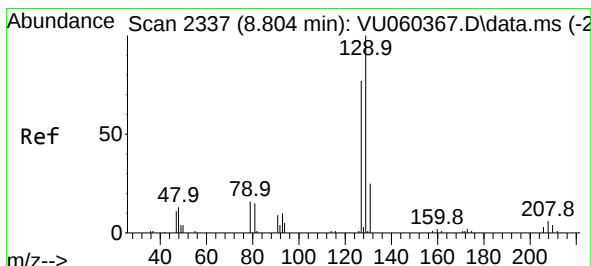
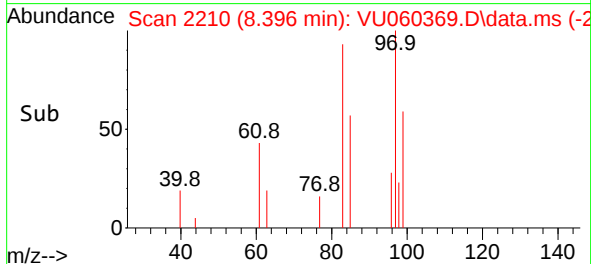
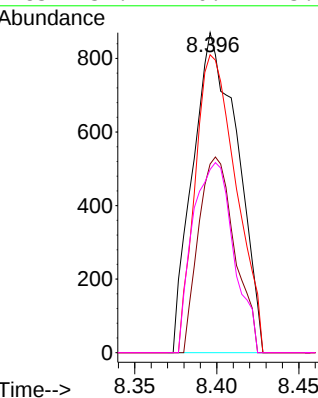
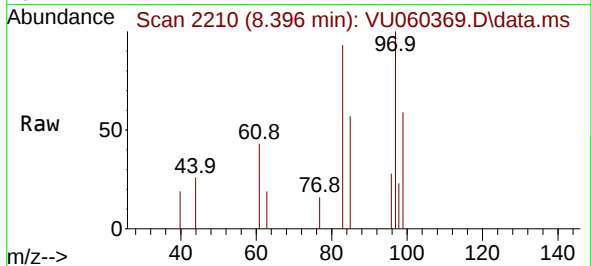
85 57.2 40.7 75.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024

Supervised By :Semsettin Yesilyurt 08/12/2024



#49

Dibromochloromethane

Concen: 0.237 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU060369.D

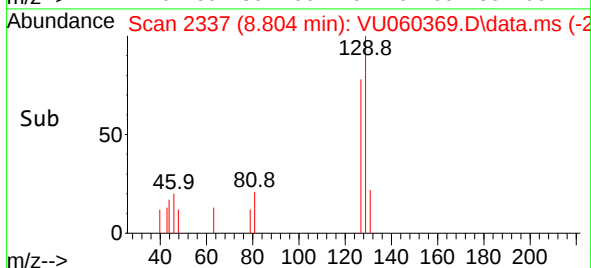
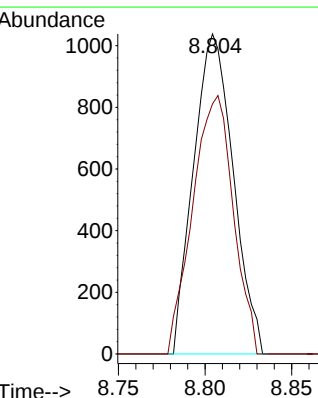
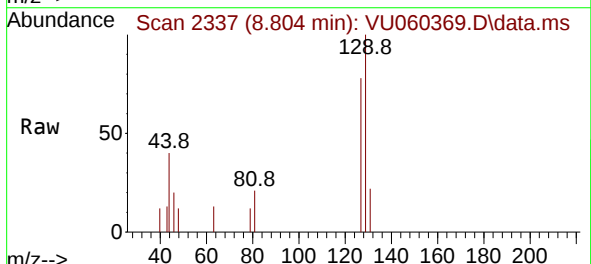
Acq: 09 Aug 2024 12:01

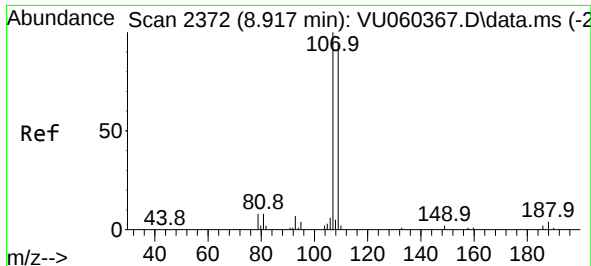
Tgt Ion:129 Resp: 1656

Ion Ratio Lower Upper

129 100

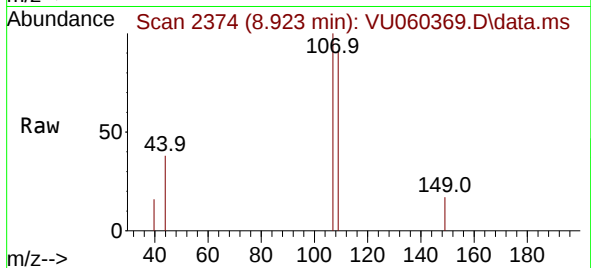
127 78.1 51.9 96.3





#50
1,2-Dibromoethane
Concen: 0.224 ug/L
RT: 8.923 min Scan# 2374
Delta R.T. 0.006 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

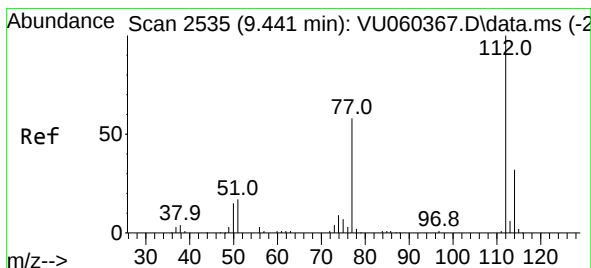
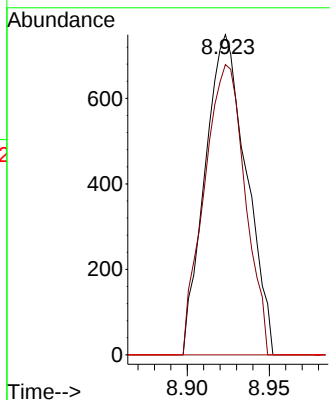
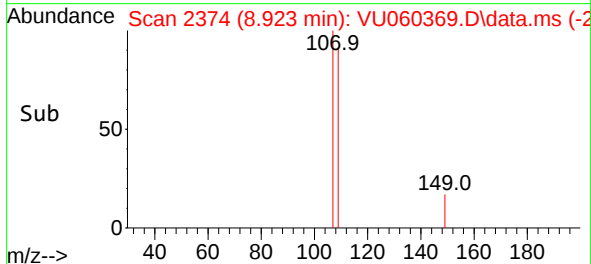
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:107 Resp: 131
Ion Ratio Lower Upper
107 100
109 90.7 64.8 120.3
188 0.0 2.6 3.8

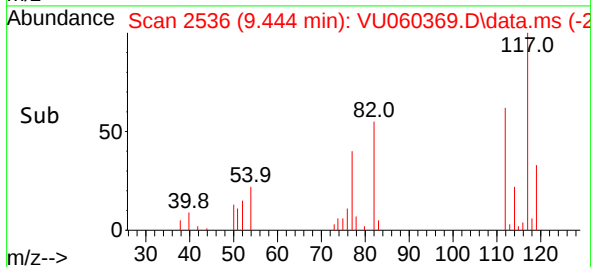
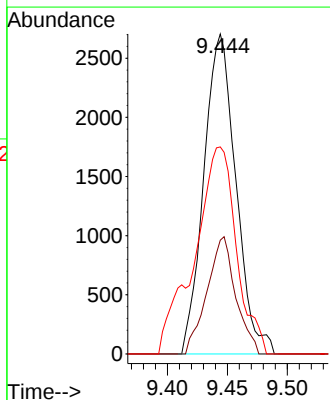
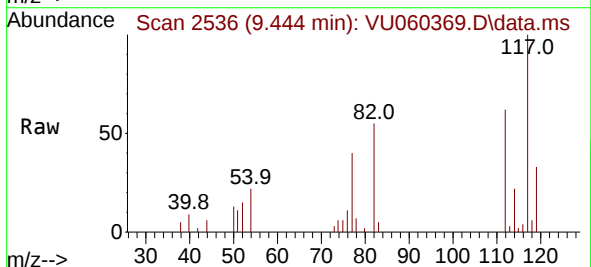
Manual Integrations
APPROVED

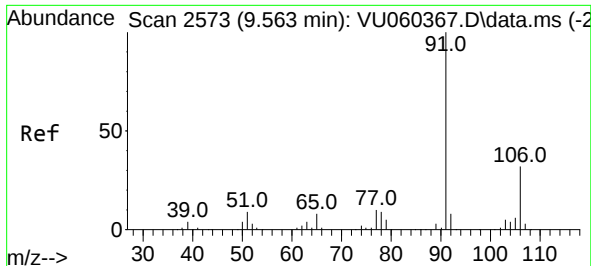
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#51
Chlorobenzene
Concen: 0.224 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

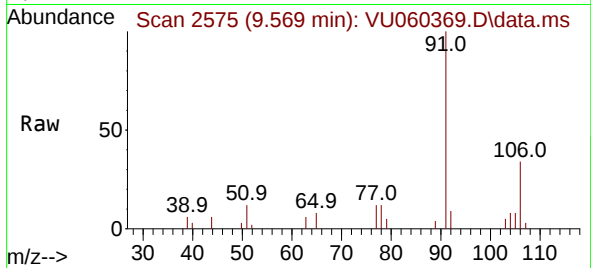
Tgt Ion:112 Resp: 5030
Ion Ratio Lower Upper
112 100
114 35.6 21.3 39.5
77 64.7 44.6 67.0





#52
Ethylbenzene
Concen: 0.222 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.006 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

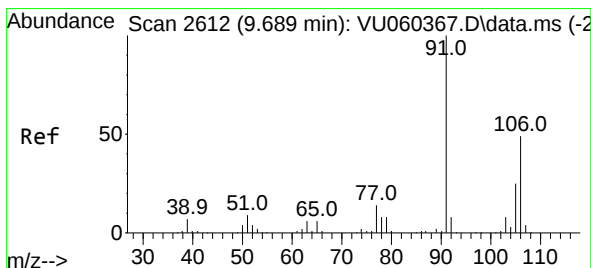
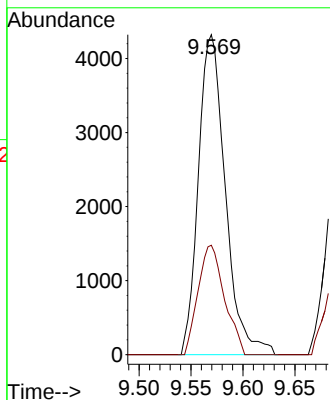
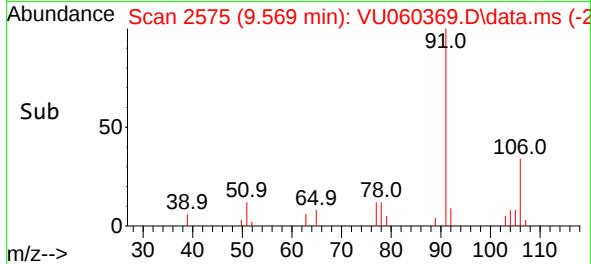
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion: 91 Resp: 778
Ion Ratio Lower Upper
91 100
106 34.2 21.6 40.2

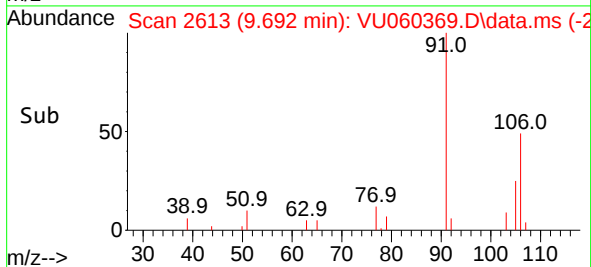
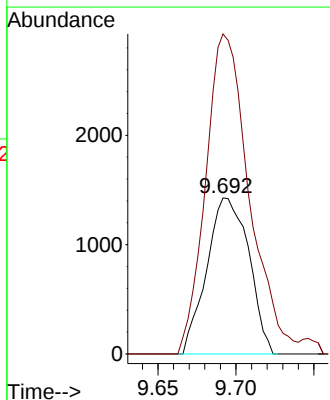
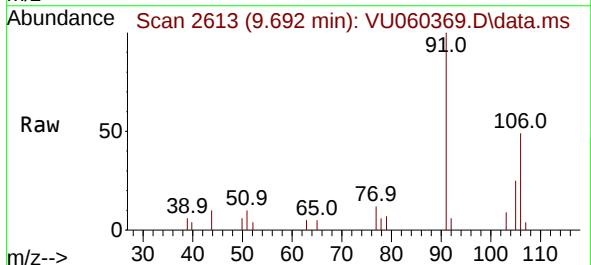
Manual Integrations
APPROVED

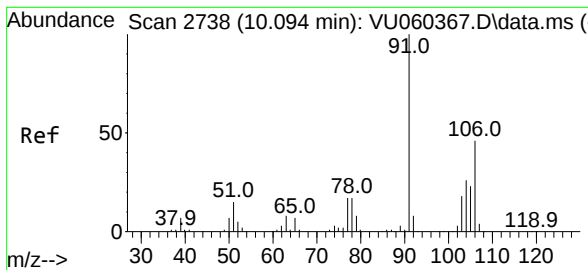
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#53
m,p-Xylene
Concen: 0.200 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

Tgt Ion:106 Resp: 2676
Ion Ratio Lower Upper
106 100
91 205.2 143.2 266.0





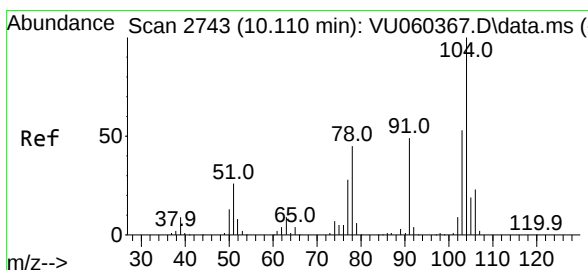
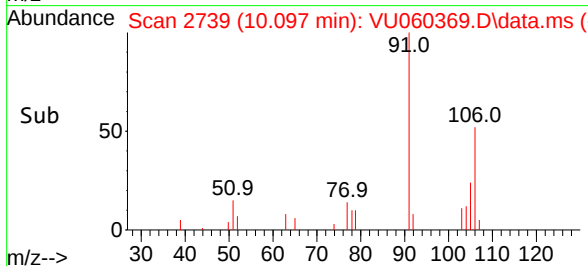
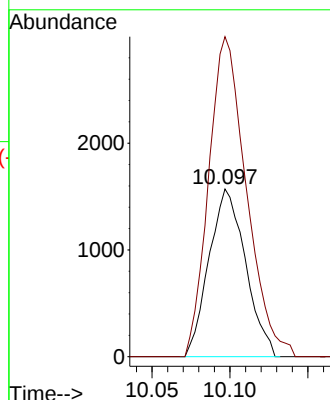
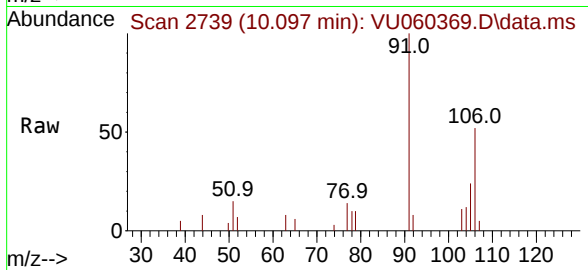
#54
o-Xylene
Concen: 0.201 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

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

Tgt Ion:106 Resp: 256
Ion Ratio Lower Upper
106 100
91 190.8 150.2 279.0

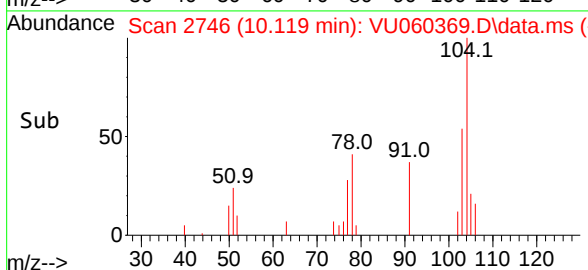
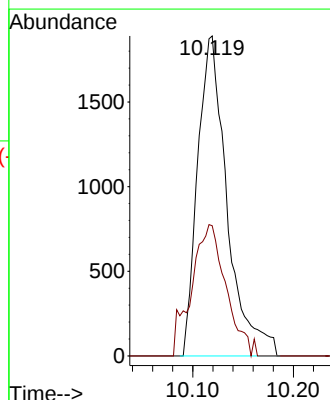
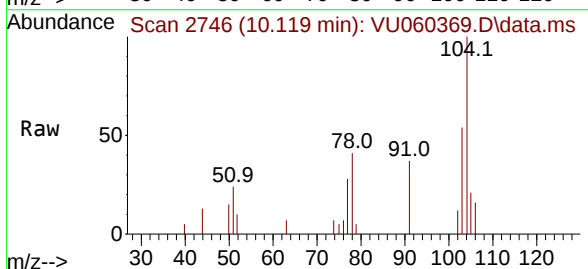
Manual Integrations
APPROVED

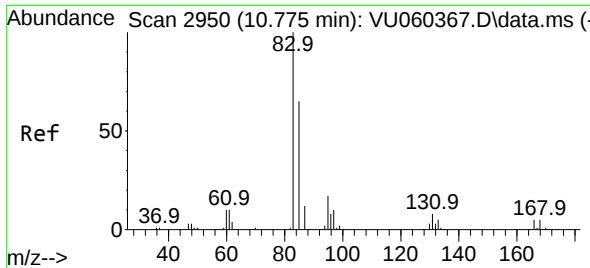
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#55
Styrene
Concen: 0.174 ug/L
RT: 10.119 min Scan# 2746
Delta R.T. 0.009 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

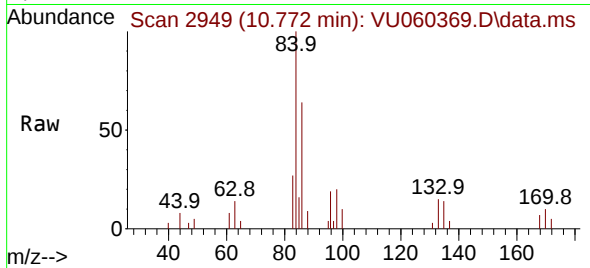
Tgt Ion:104 Resp: 3842
Ion Ratio Lower Upper
104 100
78 40.7 32.1 59.7





#57
1,1,2,2-Tetrachloroethane
Concen: 0.242 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

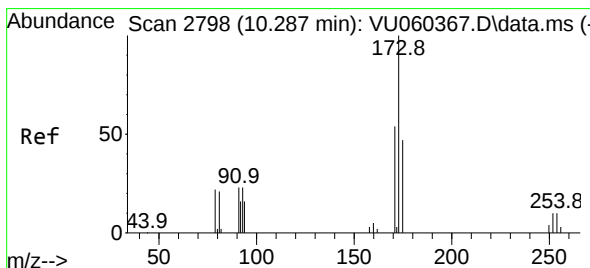
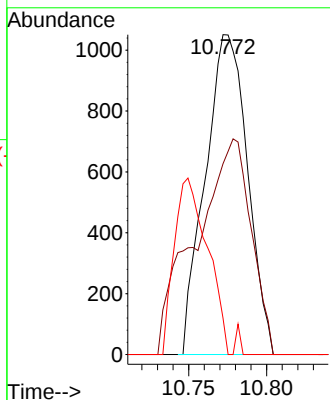
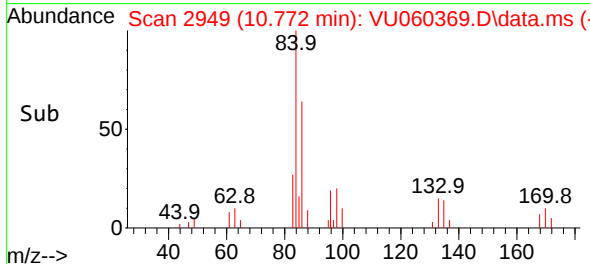
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-05



Tgt Ion: 83 Resp: 198
Ion Ratio Lower Upper
83 100
85 59.7 46.1 85.5
131 11.4 7.6 11.4

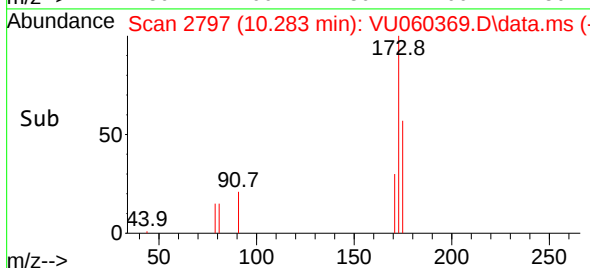
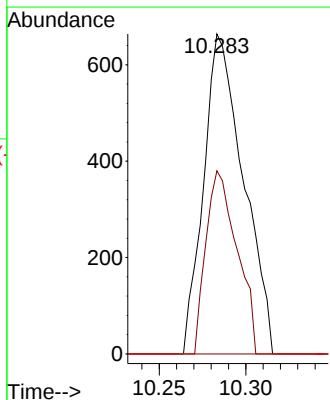
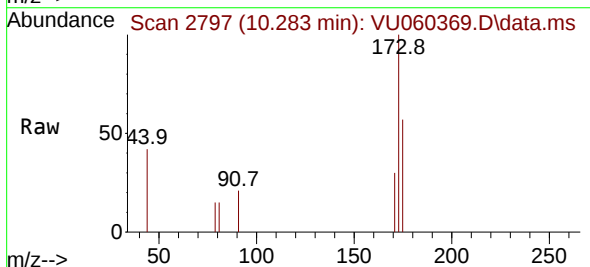
Manual Integrations
APPROVED

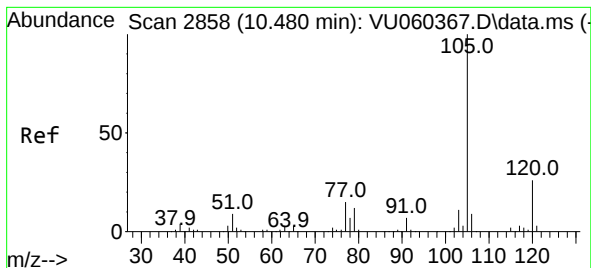
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#59
Bromoform
Concen: 0.297 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

Tgt Ion:173 Resp: 1059
Ion Ratio Lower Upper
173 100
175 44.8 39.7 59.5
254 0.0 8.2 12.4





#60

Isopropylbenzene

Concen: 0.222 ug/L

RT: 10.483 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU060369.D

Acq: 09 Aug 2024 12:01

Instrument :

MSVOA_U

ClientSampleId :

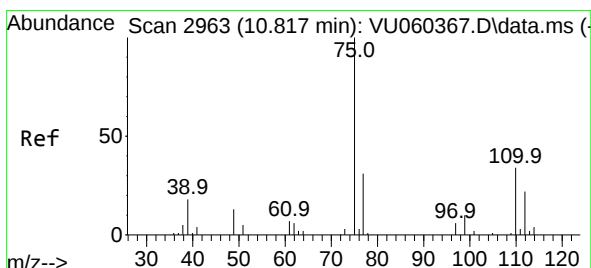
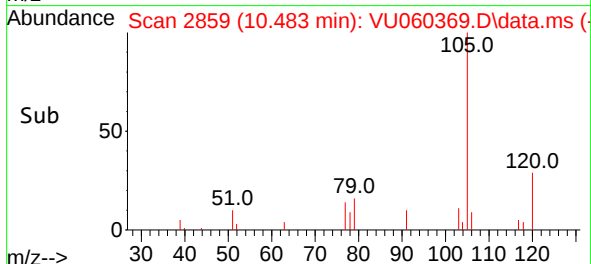
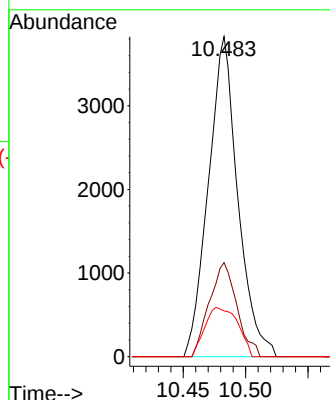
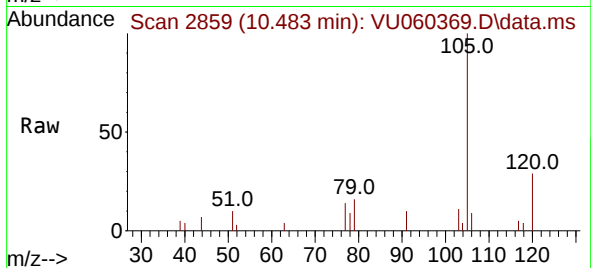
MDL-WATER-QT3-2024-05

Tgt Ion:	105	Resp:	6284
Ion	Ratio	Lower	Upper
105	100		
120	27.5	21.0	31.6
77	17.2	12.6	19.0

Manual Integrations

APPROVED

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



#61

1,2,3-Trichloropropane

Concen: 0.302 ug/L

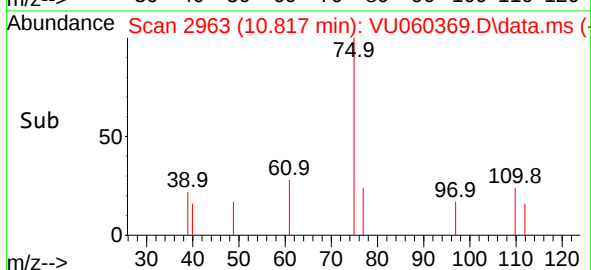
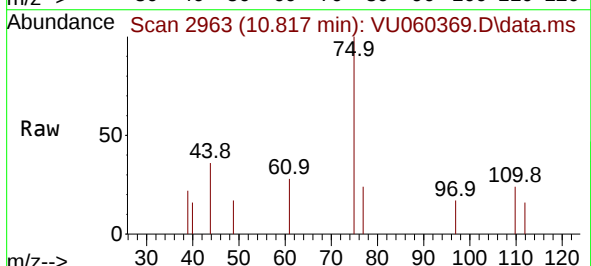
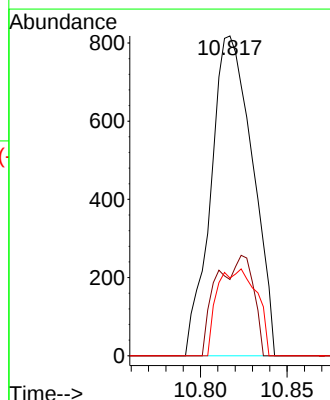
RT: 10.817 min Scan# 2963

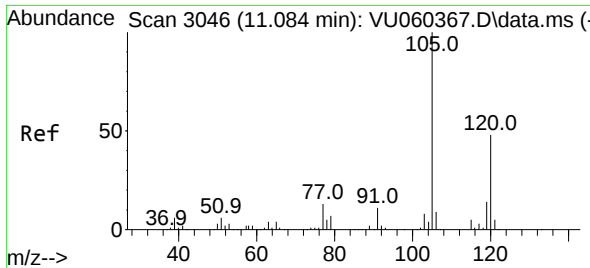
Delta R.T. -0.000 min

Lab File: VU060369.D

Acq: 09 Aug 2024 12:01

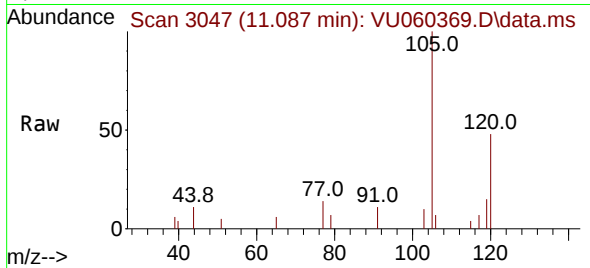
Tgt Ion:	75	Resp:	1370
Ion	Ratio	Lower	Upper
75	100		
110	27.7	29.9	44.9#
77	25.5	27.0	40.6#





#62
1,3,5-Trimethylbenzene
Concen: 0.220 ug/L
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

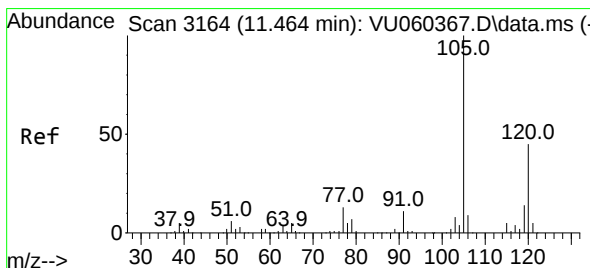
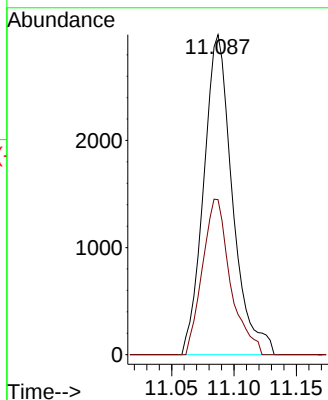
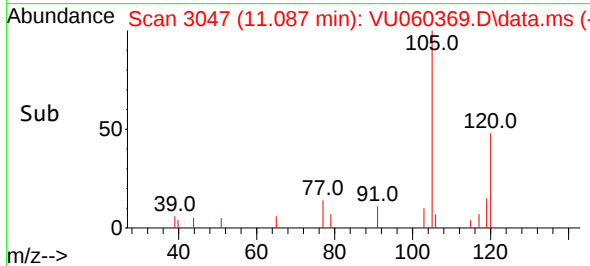
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



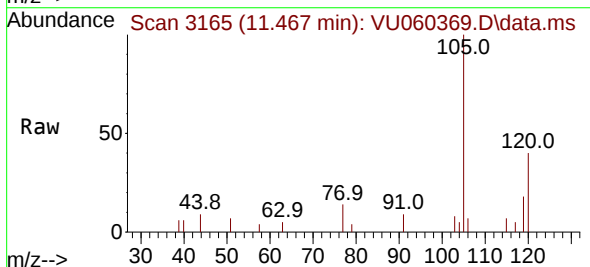
Tgt Ion:105 Resp: 4791
Ion Ratio Lower Upper
105 100
120 47.3 39.3 58.9

Manual Integrations
APPROVED

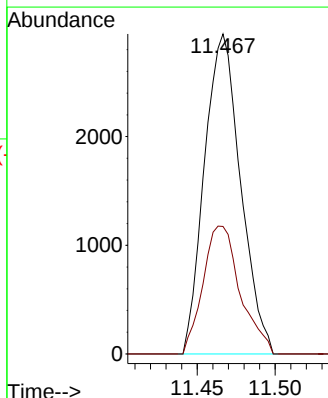
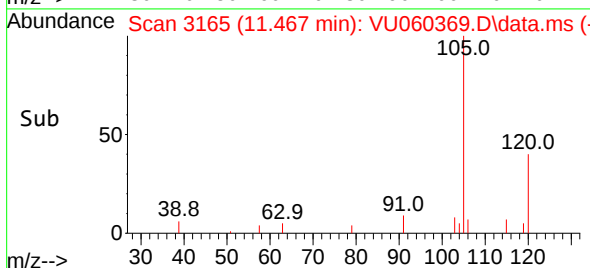
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

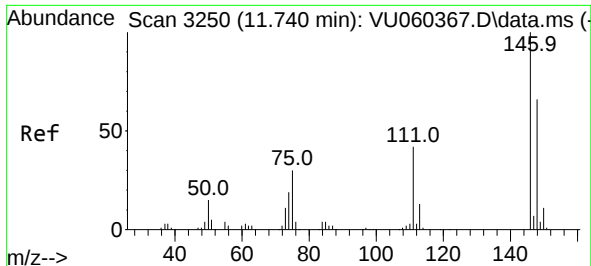


#63
1,2,4-Trimethylbenzene
Concen: 0.221 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01



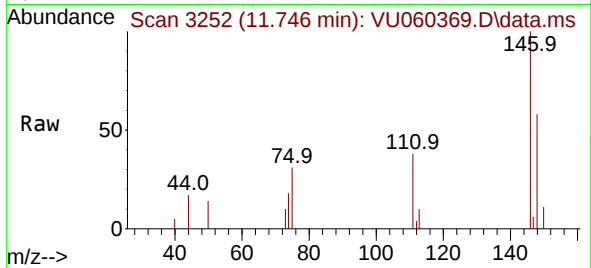
Tgt Ion:105 Resp: 4742
Ion Ratio Lower Upper
105 100
120 41.2 36.1 54.1





#64
1,3-Dichlorobenzene
Concen: 0.260 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

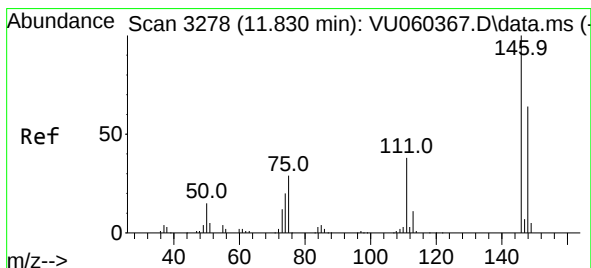
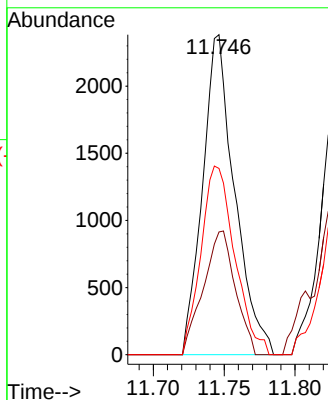
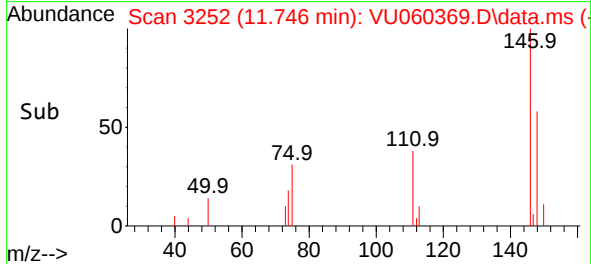
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



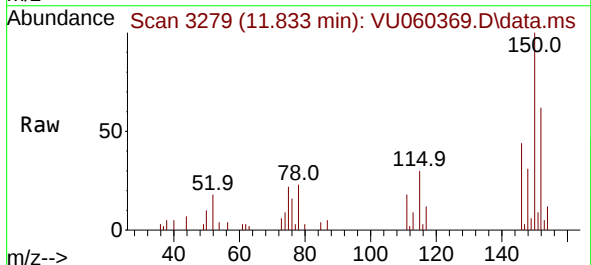
Tgt Ion:146 Resp: 375
Ion Ratio Lower Upper
146 100
111 38.4 29.2 54.2
148 58.2 44.9 83.3

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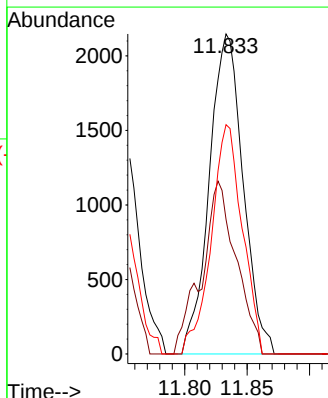
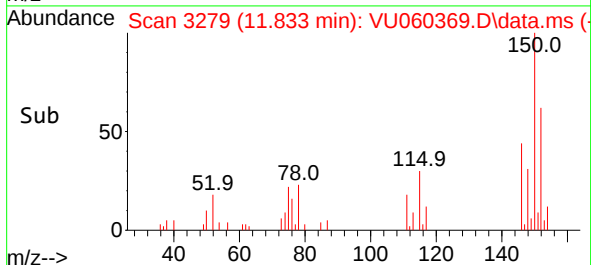
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

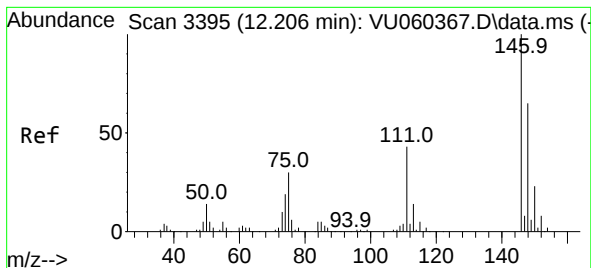


#65
1,4-Dichlorobenzene
Concen: 0.278 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01



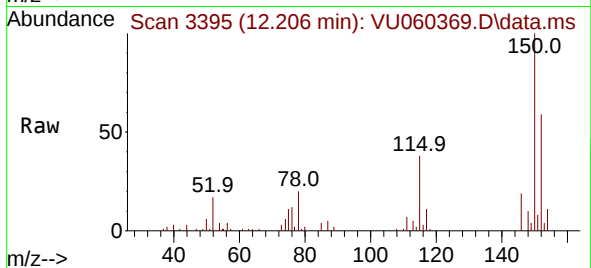
Tgt Ion:146 Resp: 4050
Ion Ratio Lower Upper
146 100
111 42.1 25.8 48.0
148 71.7 44.0 81.6





#67
1,2-Dichlorobenzene
Concen: 0.292 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

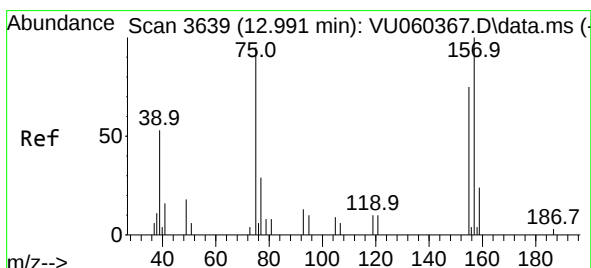
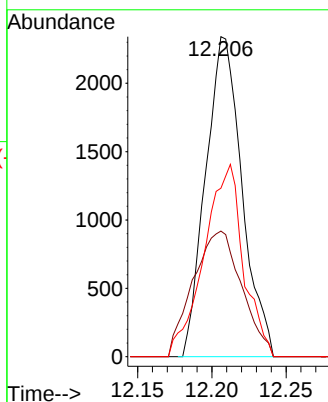
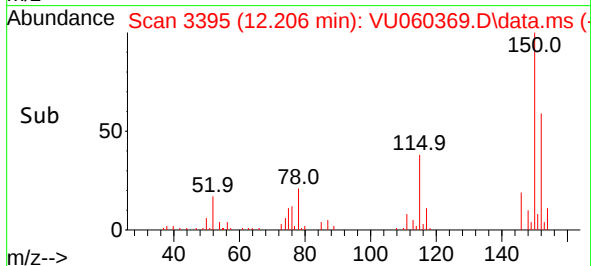
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-05



Tgt Ion:146 Resp: 3980
Ion Ratio Lower Upper
146 100
111 39.3 32.0 48.0
148 52.7 51.8 77.8

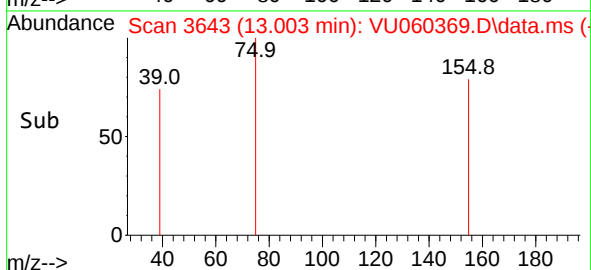
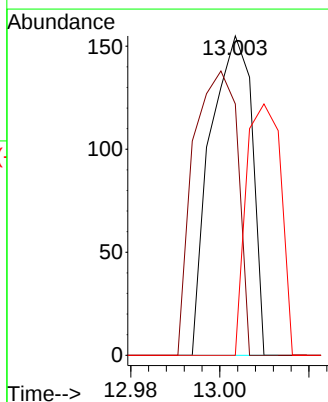
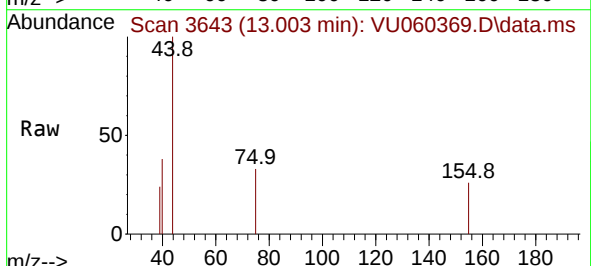
Manual Integrations
APPROVED

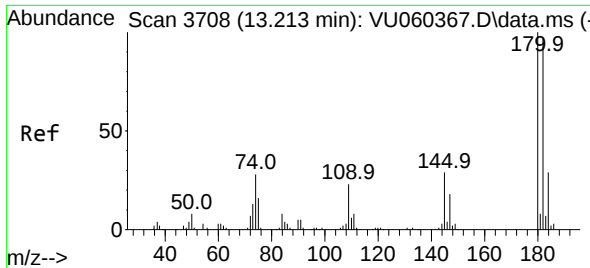
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 0.117 ug/L
RT: 13.003 min Scan# 3643
Delta R.T. 0.013 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

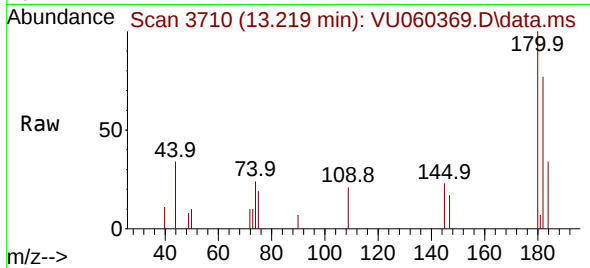
Tgt Ion: 75 Resp: 100
Ion Ratio Lower Upper
75 100
155 78.7 64.3 96.5
157 0.0 88.0 132.0#





#69
1,3,5-Trichlorobenzene
Concen: 0.246 ug/L
RT: 13.219 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

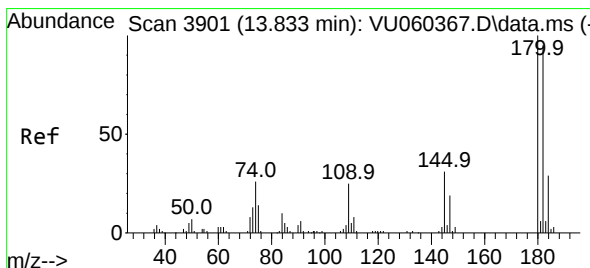
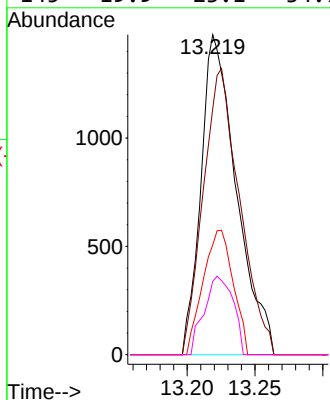
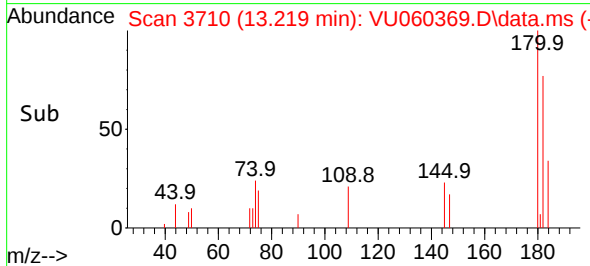
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



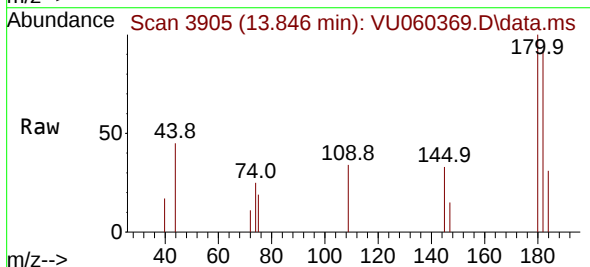
Tgt Ion:180 Resp: 2680
Ion Ratio Lower Upper
180 100
182 91.7 76.0 114.0
184 32.9 23.8 35.8
145 19.9 23.1 34.7#

Manual Integrations
APPROVED

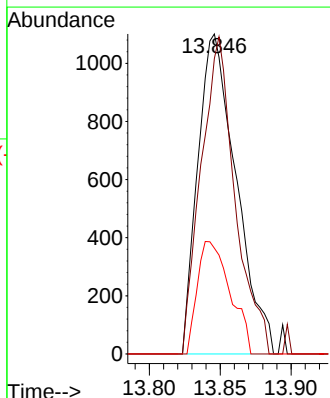
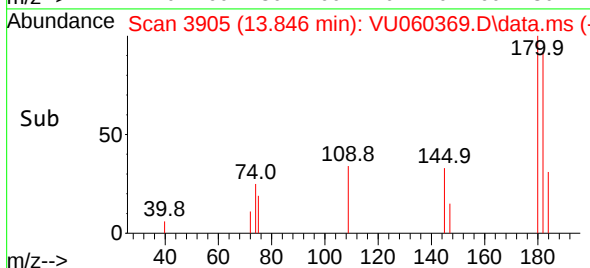
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

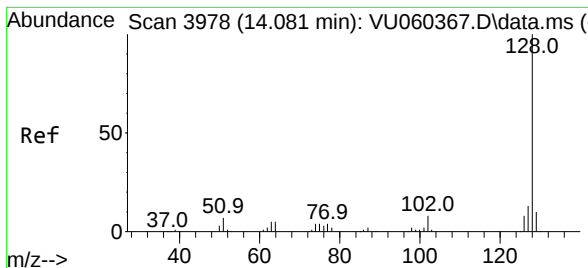


#70
1,2,4-trichlorobenzene
Concen: 0.241 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.013 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01



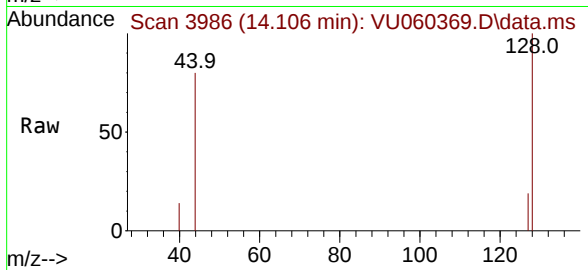
Tgt Ion:180 Resp: 2068
Ion Ratio Lower Upper
180 100
182 88.0 76.0 114.0
145 30.1 23.7 35.5





#71
Naphthalene
Concen: 0.244 ug/L m
RT: 14.106 min Scan# 3986
Delta R.T. 0.026 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

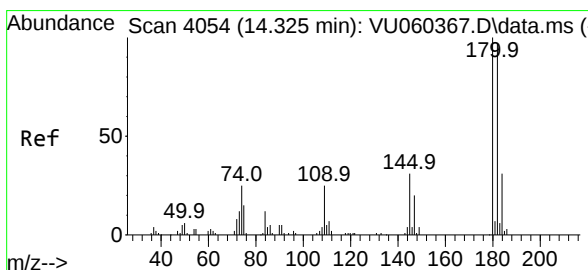
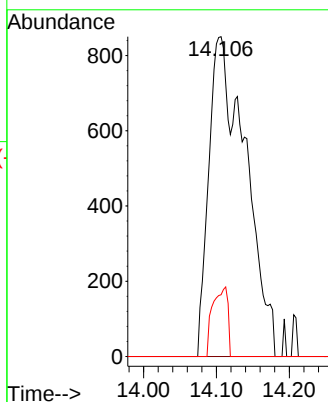
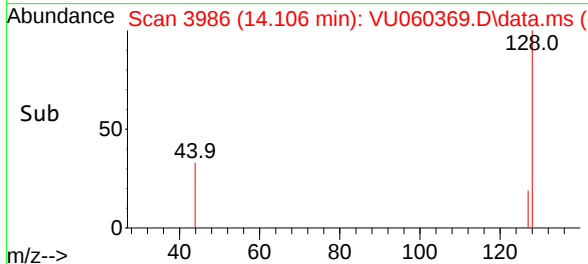
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:	128	Resp:	297
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8
127	8.9	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: 0.258 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU060369.D
Acq: 09 Aug 2024 12:01

Tgt Ion:	180	Resp:	1981
Ion	Ratio	Lower	Upper
180	100		
182	82.6	75.7	113.5
145	31.3	23.7	35.5

