

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081224\
 Data File : VU060407.D
 Acq On : 12 Aug 2024 15:32
 Operator : MD/SY
 Sample : P3391-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2024-06

Quant Time: Aug 13 02:38:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 13 02:20:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024

08/13/2024
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 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	87440	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	91704	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	40130	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.596	65	24166	3.521	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.908	69	24205	3.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.560	65	11030	3.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.631	46	77539	53.232	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.460%
24) Chloroform-d	5.055	84	59281	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.695	65	31537	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.721	84	106903	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.682	67	38238	4.457	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.894	98	87232	3.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.177	79	11514	4.152	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.631	63	57778	46.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	32751	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	34683	4.692	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	857	0.182	ug/L	89
3) Chloromethane	1.515	50	1311	0.223	ug/L	89
5) Vinyl chloride	1.602	62	1568	0.228	ug/L	89
6) Bromomethane	1.856	94	1077	0.221	ug/L	98
8) Chloroethane	1.930	64	1017	0.218	ug/L	97
9) Trichlorofluoromethane	2.133	101	2096	0.218	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	1585	0.250	ug/L	90
12) 1,1-Dichloroethene	2.570	96	1322	0.229	ug/L #	1
14) Carbon disulfide	2.789	76	2846	0.196	ug/L #	90
15) Methyl Acetate	2.981	43	521	0.253	ug/L #	48
16) Methylene chloride	3.039	84	3290	0.401	ug/L	93
17) Methyl tert-butyl Ether	3.358	73	2857	0.210	ug/L	100
18) trans-1,2-Dichloroethene	3.354	96	1208	0.214	ug/L	88
19) 1,1-Dichloroethane	3.862	63	2480	0.212	ug/L #	86
22) cis-1,2-Dichloroethene	4.657	96	1463m	0.214	ug/L	
23) Bromochloromethane	4.975	128	605	0.192	ug/L #	79
25) Chloroform	5.078	83	3456	0.272	ug/L	96
27) 1,2-Dichloroethane	5.801	62	1477	0.219	ug/L #	70
30) Cyclohexane	5.377	56	1494	0.184	ug/L	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
31) Carbon tetrachloride	5.522	117	1843	0.209	ug/L	98	08/13/2024
33) Benzene	5.776	78	5630	0.213	ug/L	100	
35) Methylcyclohexane	6.750	83	1860	0.206	ug/L #	88	
37) 1,2-Dichloropropane	6.782	63	1721	0.240	ug/L #	88	
38) Bromodichloromethane	7.100	83	1831	0.206	ug/L #	87	
39) cis-1,3-Dichloropropene	7.608	75	1950	0.200	ug/L	91	
40) 4-Methyl-2-pentanone	7.792	43	6859	2.045	ug/L #	74	
42) Toluene	7.968	91	5564	0.199	ug/L	99	
44) trans-1,3-Dichloropropene	8.213	75	1792m	0.222	ug/L		
45) 1,1,2-Trichloroethane	8.399	97	1058	0.192	ug/L	97	
49) Dibromochloromethane	8.801	129	1290	0.220	ug/L	98	
50) 1,2-Dibromoethane	8.920	107	1080	0.220	ug/L #	95	
51) Chlorobenzene	9.441	112	4125	0.219	ug/L	90	
52) Ethylbenzene	9.566	91	5648	0.192	ug/L	100	
53) m,p-Xylene	9.689	106	2202	0.197	ug/L	84	
54) o-Xylene	10.097	106	1756	0.164	ug/L	93	
55) Styrene	10.119	104	3043	0.165	ug/L	100	
57) 1,1,2,2-Tetrachloroethane	10.775	83	1643	0.240	ug/L #	83	
59) Bromoform	10.283	173	689	0.226	ug/L #	72	
60) Isopropylbenzene	10.480	105	5028	0.208	ug/L #	86	
61) 1,2,3-Trichloropropane	10.817	75	921	0.237	ug/L #	93	
62) 1,3,5-Trimethylbenzene	11.084	105	4056	0.217	ug/L	90	
63) 1,2,4-Trimethylbenzene	11.467	105	3637	0.198	ug/L	99	
64) 1,3-Dichlorobenzene	11.746	146	2673	0.216	ug/L	87	
65) 1,4-Dichlorobenzene	11.830	146	3052	0.245	ug/L	94	
67) 1,2-Dichlorobenzene	12.206	146	2990	0.256	ug/L	91	
69) 1,3,5-Trichlorobenzene	13.222	180	1692	0.181	ug/L	93	
71) Naphthalene	14.122	128	1517m	0.146	ug/L		
72) 1,2,3-Trichlorobenzene	14.331	180	1082	0.165	ug/L #	95	

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

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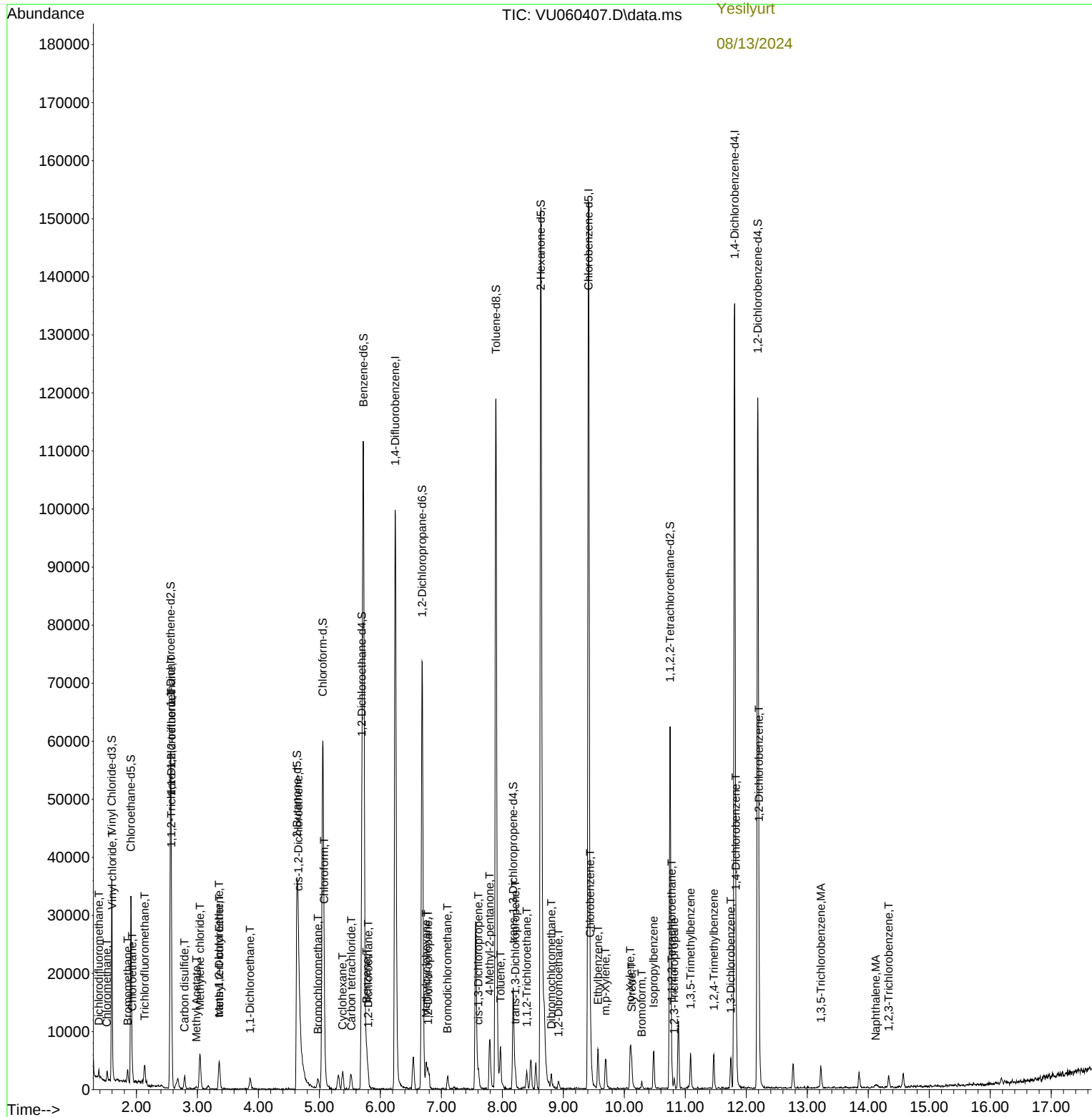
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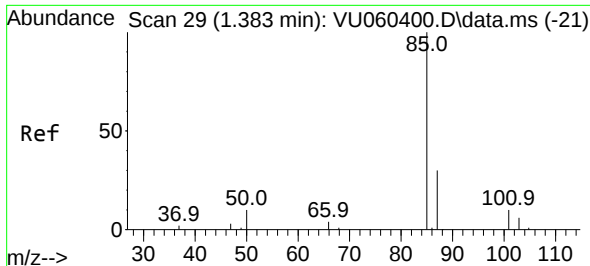
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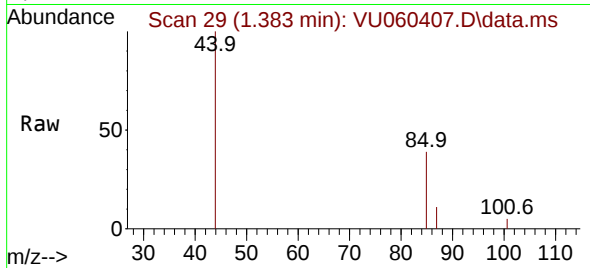
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#2
Dichlorodifluoromethane
Concen: 0.182 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

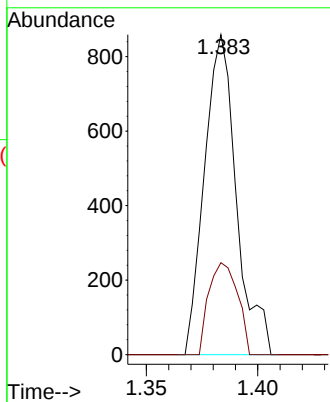
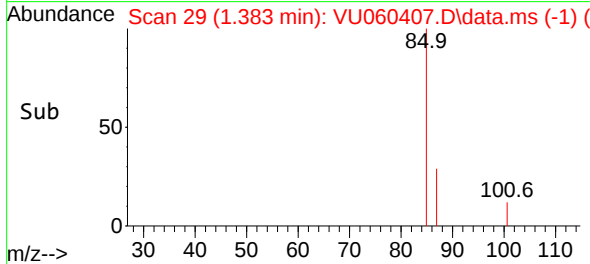
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-06



Tgt Ion: 85 Resp: 85
Ion Ratio Lower Upper
85 100
87 25.8 25.7 38.5

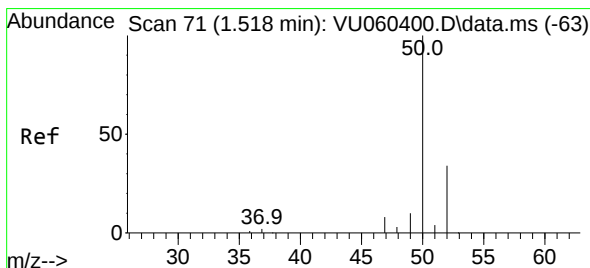
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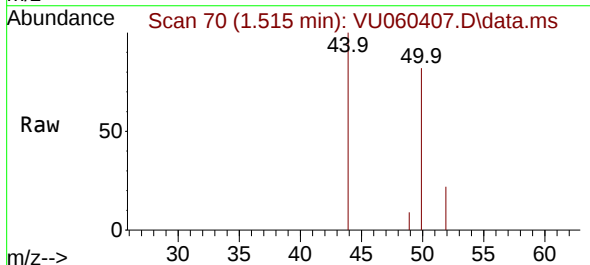


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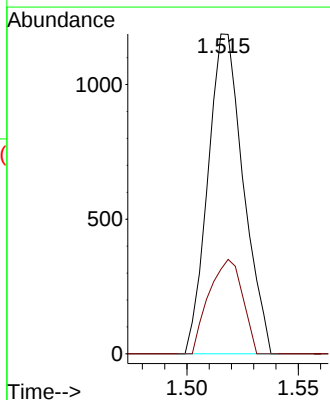
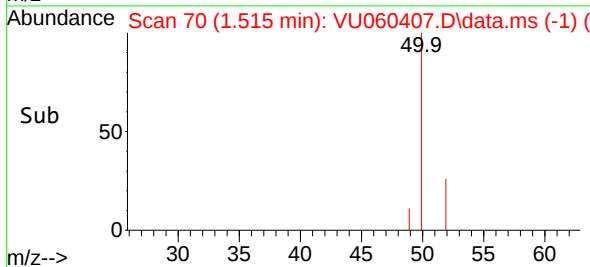
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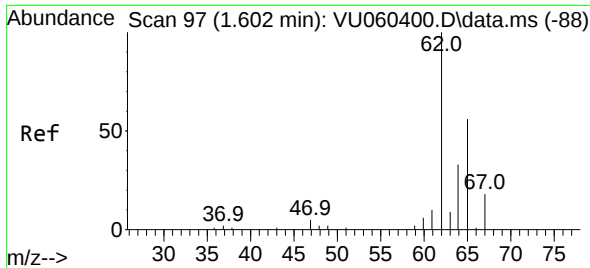


#3
Chloromethane
Concen: 0.223 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32



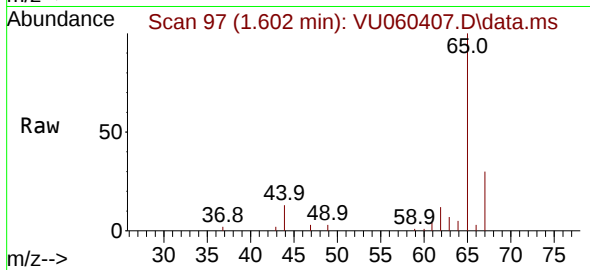
Tgt Ion: 50 Resp: 1311
Ion Ratio Lower Upper
50 100
52 26.4 22.8 42.4





#5
 Vinyl chloride
 Concen: 0.228 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VU060407.D
 Acq: 12 Aug 2024 15:32

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-QT3-2024-06



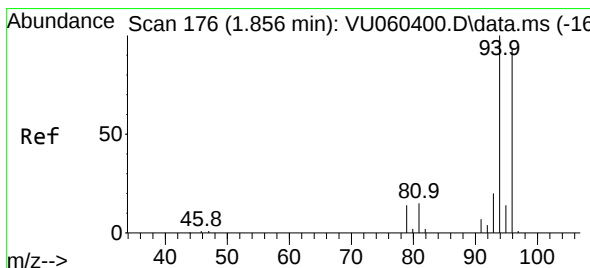
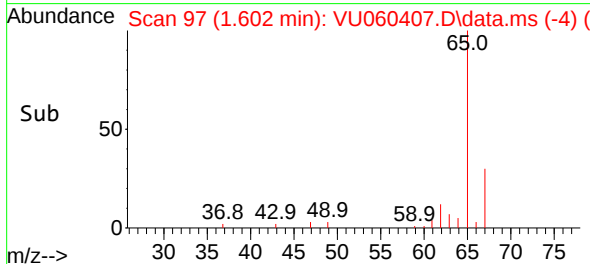
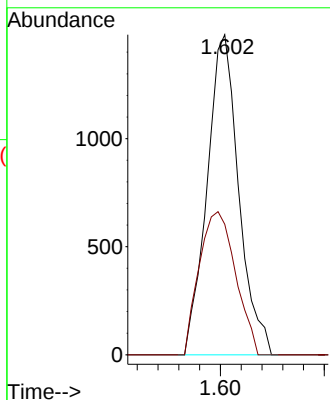
Tgt Ion: 62 Resp: 1568
 Ion Ratio Lower Upper
 62 100
 64 40.8 24.1 44.7

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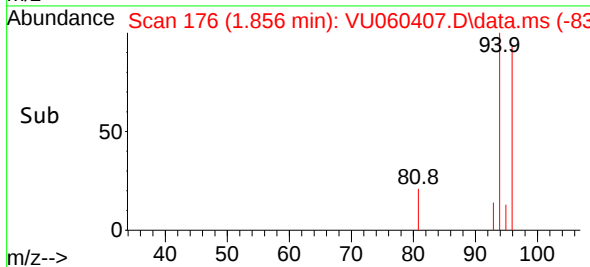
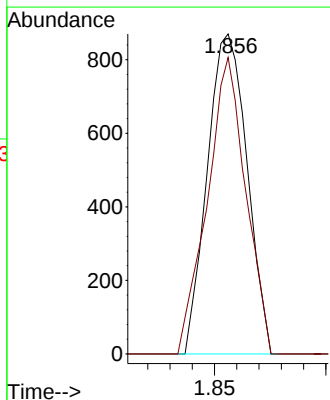
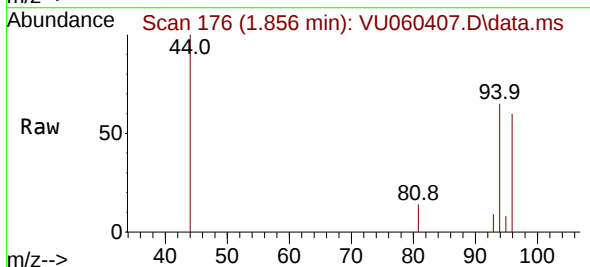
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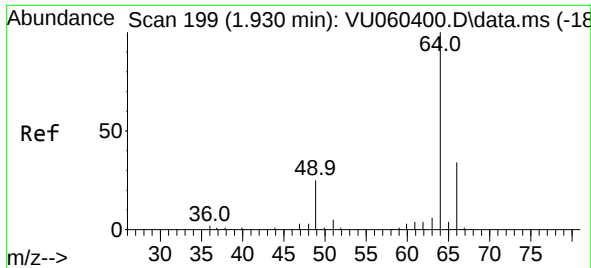
08/13/2024



#6
 Bromomethane
 Concen: 0.221 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU060407.D
 Acq: 12 Aug 2024 15:32

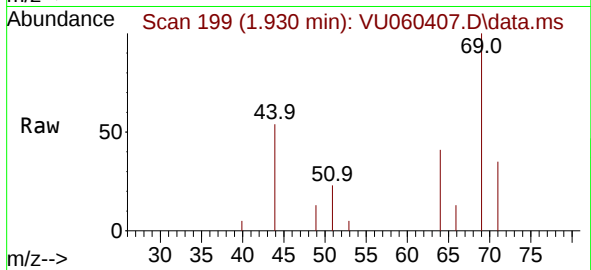
Tgt Ion: 94 Resp: 1077
 Ion Ratio Lower Upper
 94 100
 96 92.6 63.2 117.4





#8
Chloroethane
Concen: 0.218 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

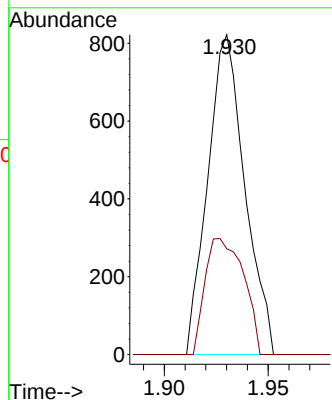
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-06



Tgt Ion: 64 Resp: 101
Ion Ratio Lower Upper
64 100
66 33.1 22.2 41.2

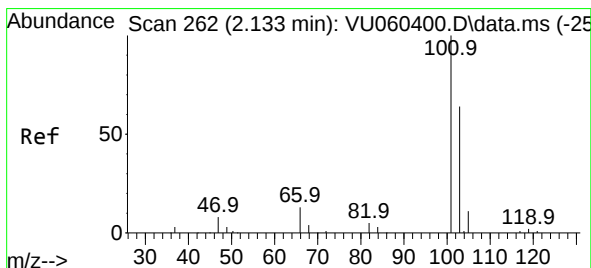
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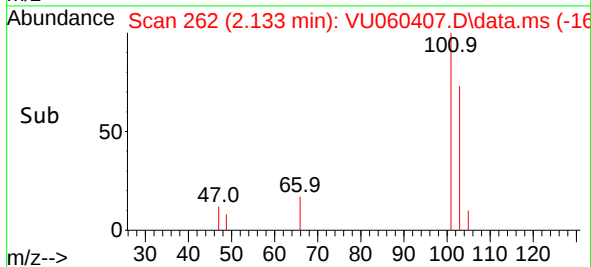
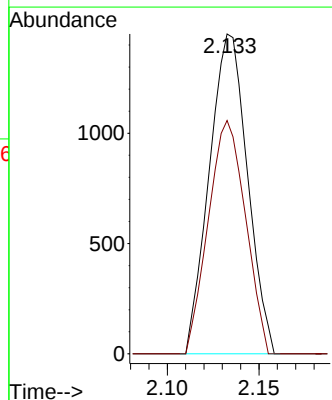
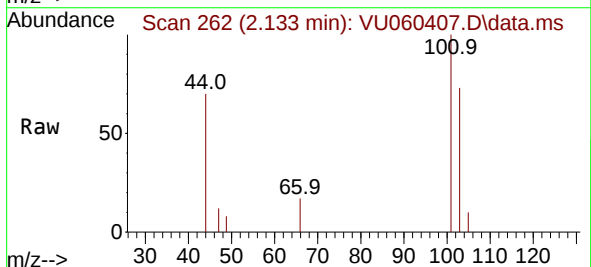
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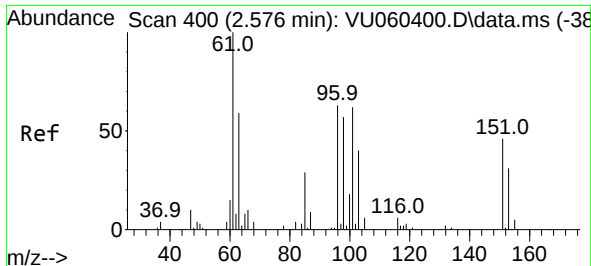
08/13/2024



#9
Trichlorofluoromethane
Concen: 0.218 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Tgt Ion:101 Resp: 2096
Ion Ratio Lower Upper
101 100
103 70.9 51.7 77.5





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.250 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-06

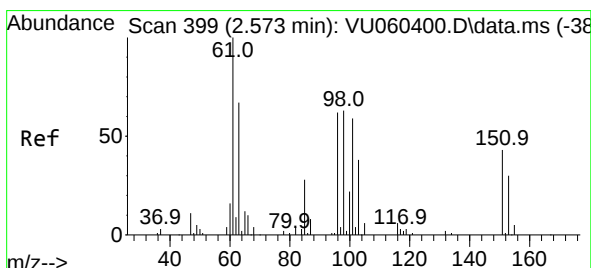
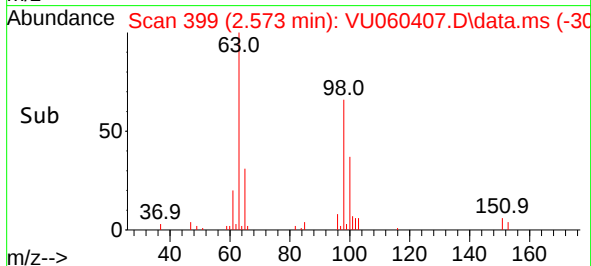
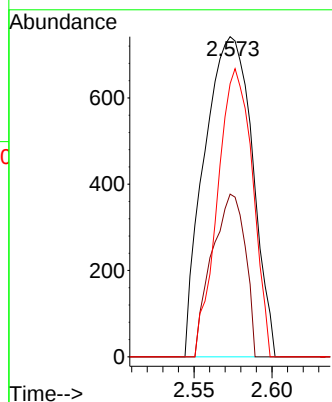
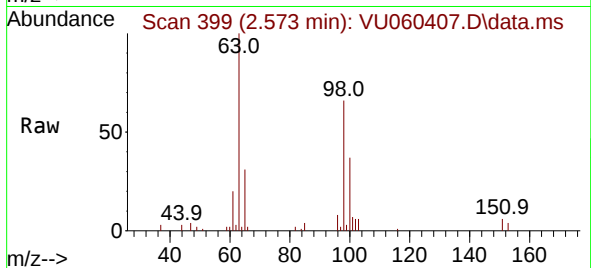
Tgt Ion: 101 Resp: 158
Ion Ratio Lower Upper
101 100
85 35.3 33.5 50.3
151 65.8 59.7 89.5

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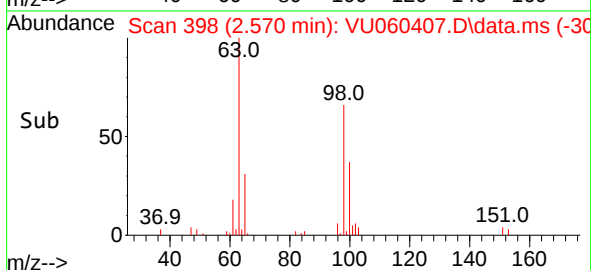
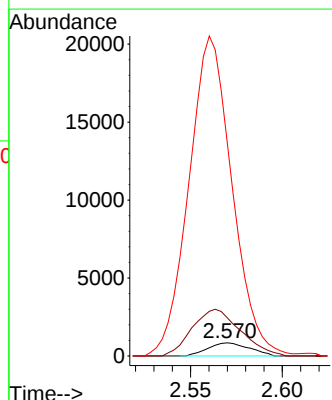
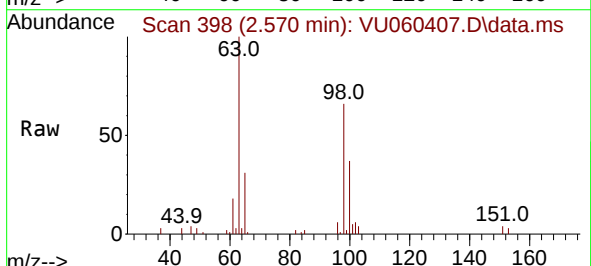
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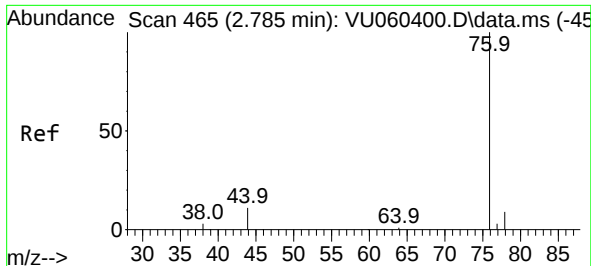
08/13/2024



#12
1,1-Dichloroethene
Concen: 0.229 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

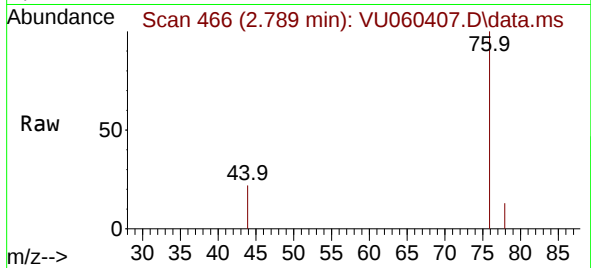
Tgt Ion: 96 Resp: 1322
Ion Ratio Lower Upper
96 100
61 291.0 114.4 212.4#
63 1629.3 96.0 178.4#





#14
Carbon disulfide
Concen: 0.196 ug/L
RT: 2.789 min Scan# 465
Delta R.T. 0.003 min
Lab File: VU060407.D
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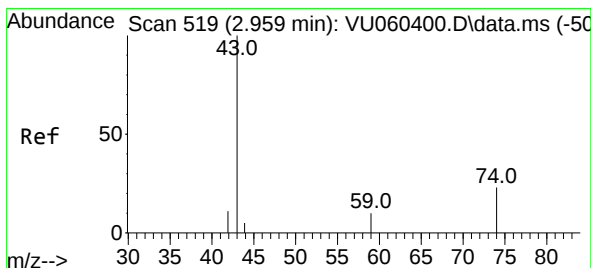
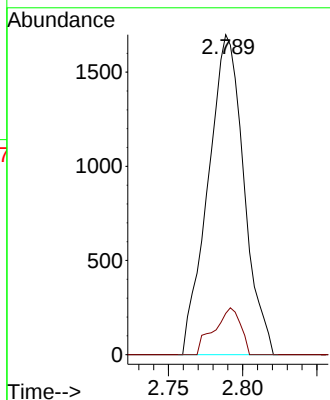
Tgt Ion: 76 Resp: 2840
Ion Ratio Lower Upper
76 100
78 12.9 7.4 11.0

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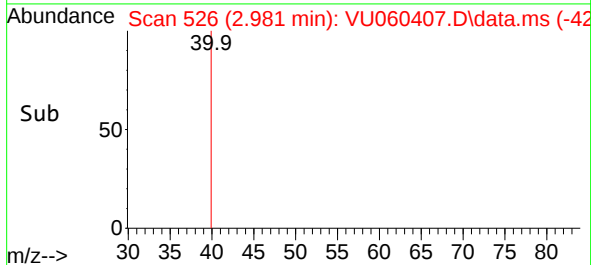
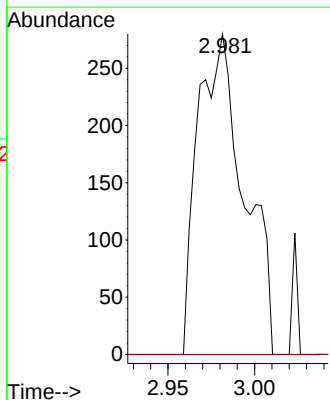
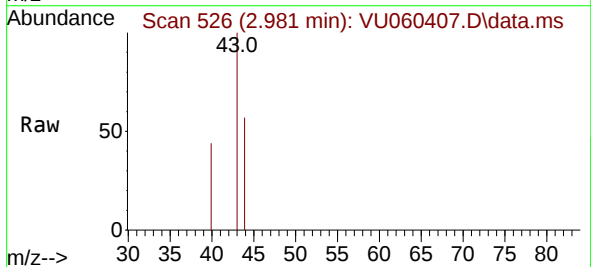
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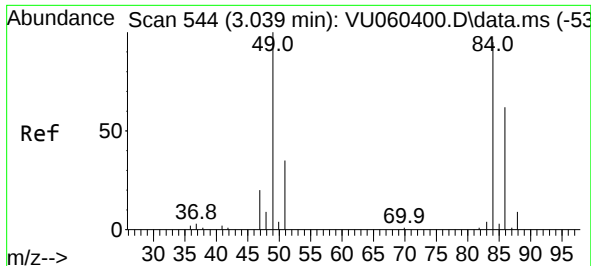
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#15
Methyl Acetate
Concen: 0.253 ug/L
RT: 2.981 min Scan# 526
Delta R.T. 0.023 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

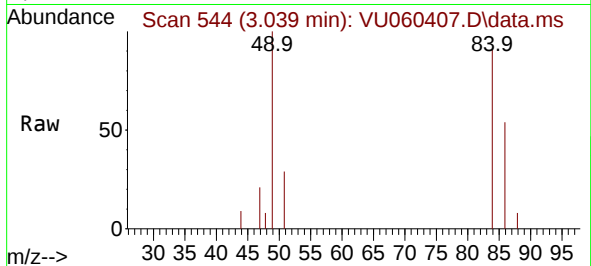
Tgt Ion: 43 Resp: 521
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9





#16
Methylene chloride
Concen: 0.401 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-06



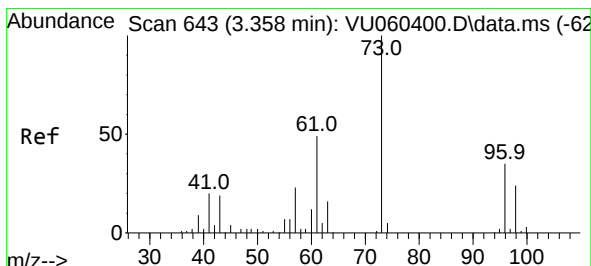
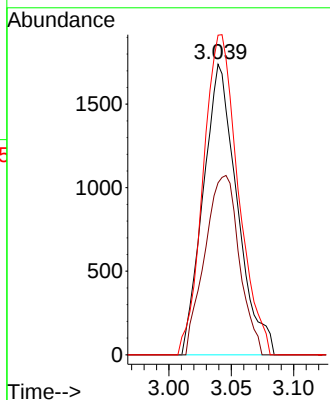
Tgt Ion: 84 Resp: 3290
Ion Ratio Lower Upper
84 100
86 59.2 47.1 87.5
49 110.0 73.9 137.3

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Supervised By :Semsettin Yesilyurt 08/13/2024

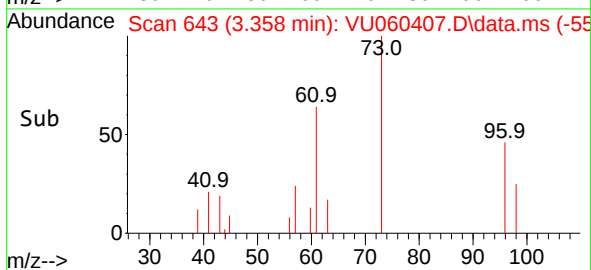
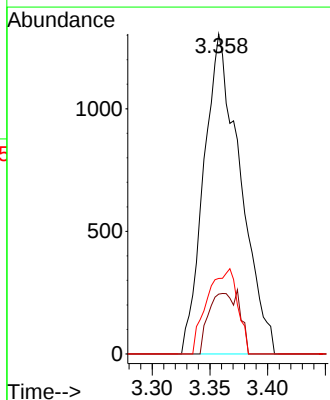
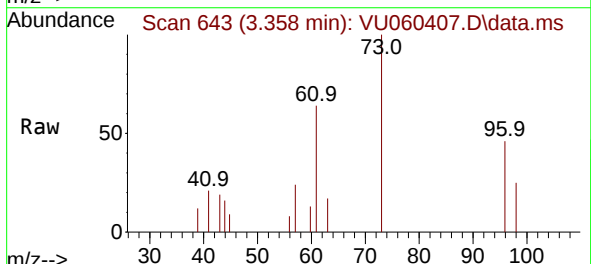
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Supervised By :Semsettin
Yesilyurt

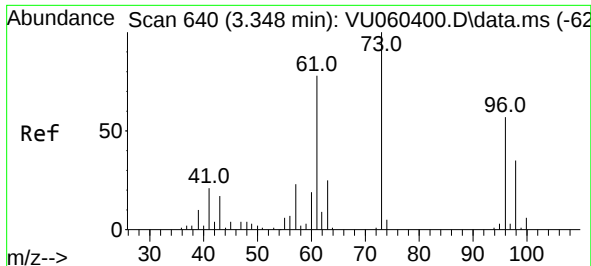
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#17
Methyl tert-butyl Ether
Concen: 0.210 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

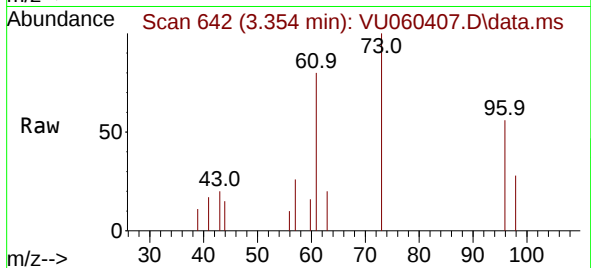
Tgt Ion: 73 Resp: 2857
Ion Ratio Lower Upper
73 100
43 16.1 12.8 19.2
57 22.2 17.5 26.3





#18
trans-1,2-Dichloroethene
Concen: 0.214 ug/L
RT: 3.354 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument : MSVOA_U
Client Sample Id :
MDL-WATER-QT3-2024-06



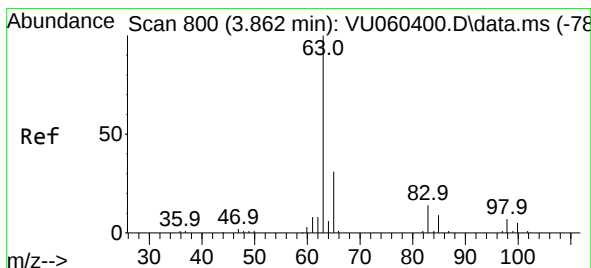
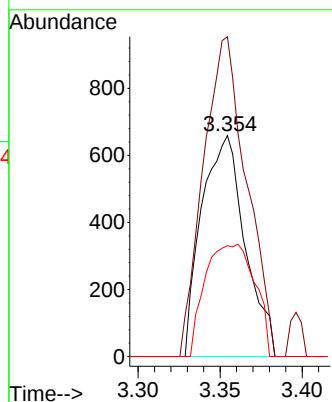
Tgt Ion: 96 Resp: 1208
Ion Ratio Lower Upper
96 100
61 144.8 93.7 174.1
98 50.2 44.7 82.9

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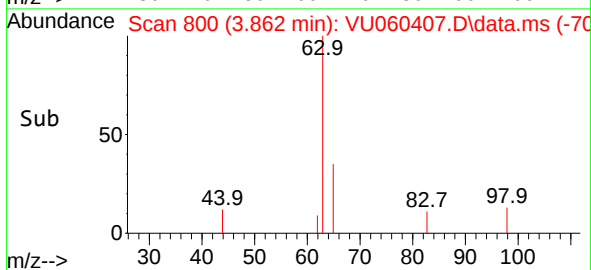
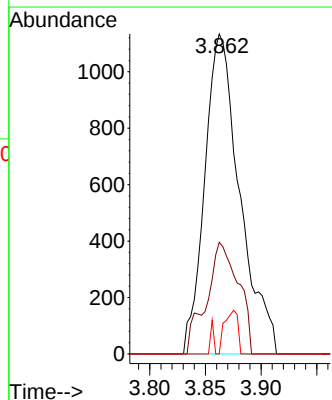
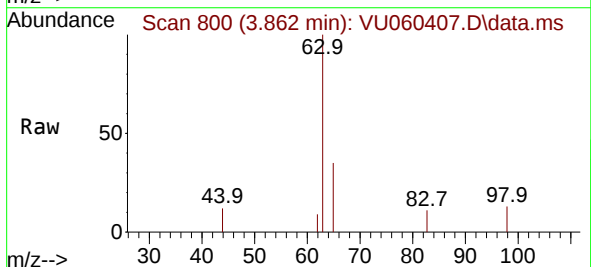
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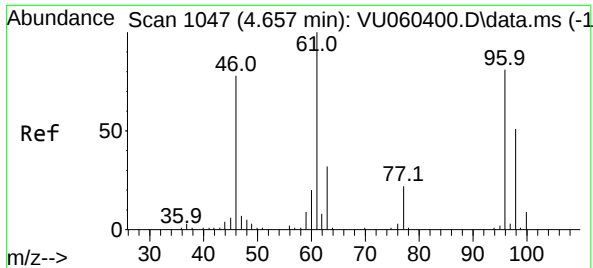
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#19
1,1-Dichloroethane
Concen: 0.212 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

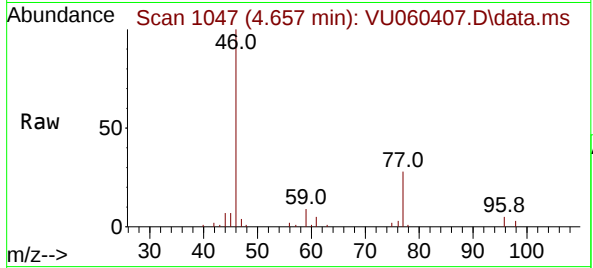
Tgt Ion: 63 Resp: 2480
Ion Ratio Lower Upper
63 100
65 34.9 22.2 41.2
83 0.0 9.1 16.9#





#22
 cis-1,2-Dichloroethene
 Concen: 0.214 ug/L m
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU060407.D
 Acq: 12 Aug 2024 15:32

Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2024-06



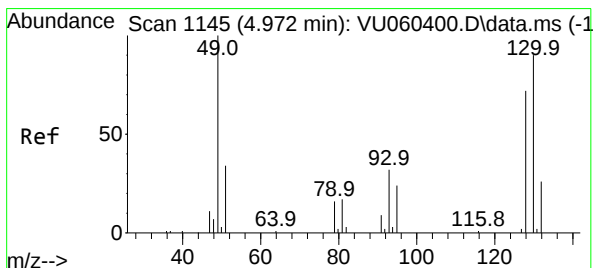
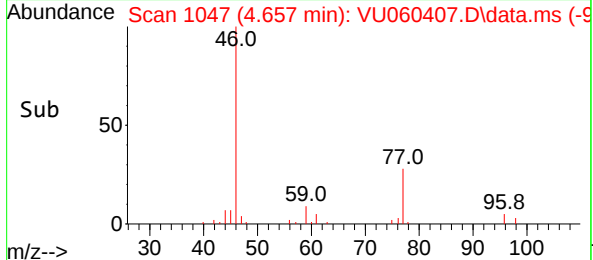
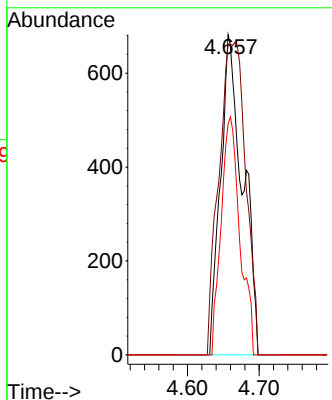
Tgt Ion:	96	Resp:	146
Ion	Ratio	Lower	Upper
96	100		
61	97.1	81.5	151.5
98	72.1	43.5	80.7

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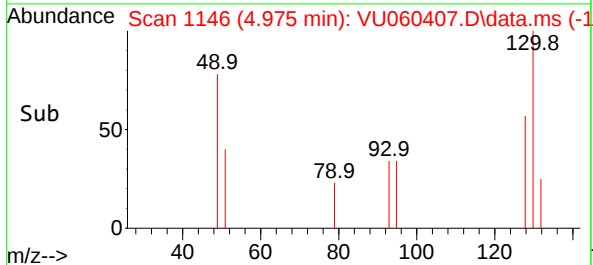
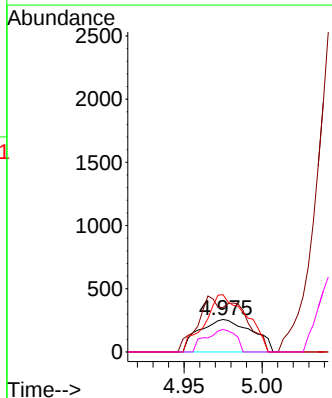
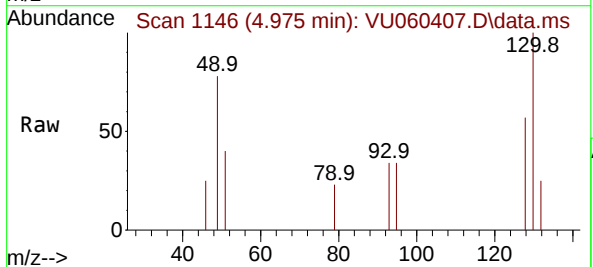
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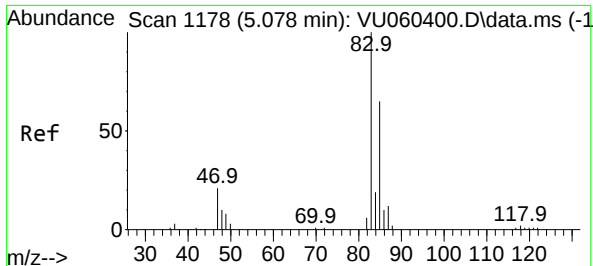
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#23
 Bromochloromethane
 Concen: 0.192 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.003 min
 Lab File: VU060407.D
 Acq: 12 Aug 2024 15:32

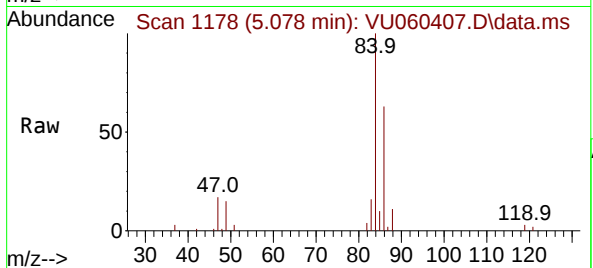
Tgt Ion:	128	Resp:	605
Ion	Ratio	Lower	Upper
128	100		
49	137.0	101.0	187.6
130	176.3	92.7	172.1#
51	69.6	42.5	63.7#





#25
Chloroform
Concen: 0.272 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

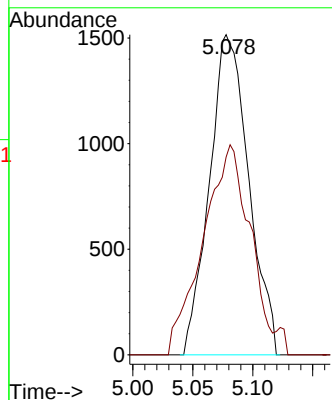
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-06



Tgt Ion: 83 Resp: 3450
Ion Ratio Lower Upper
83 100
85 61.7 45.6 84.6

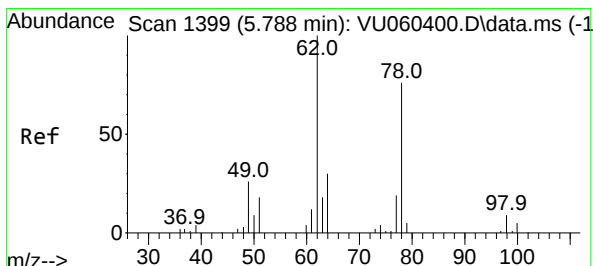
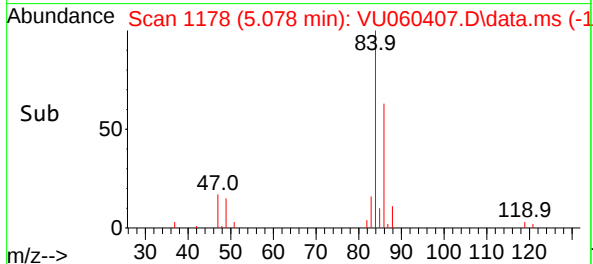
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Supervised By :Semsettin Yesilyurt 08/13/2024



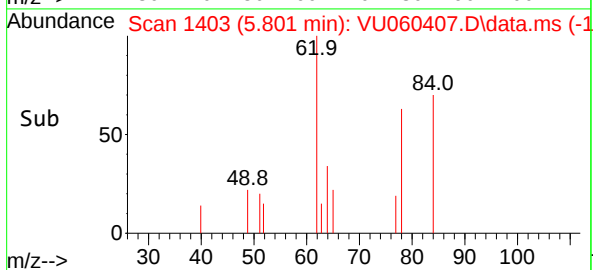
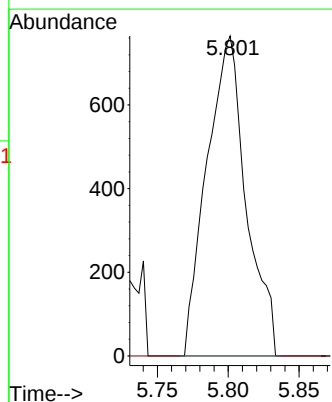
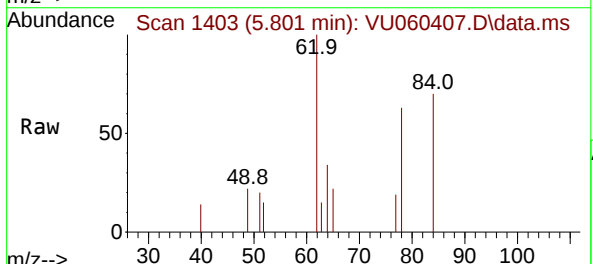
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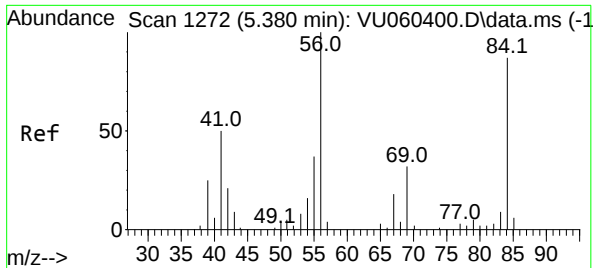
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#27
1,2-Dichloroethane
Concen: 0.219 ug/L
RT: 5.801 min Scan# 1403
Delta R.T. 0.013 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

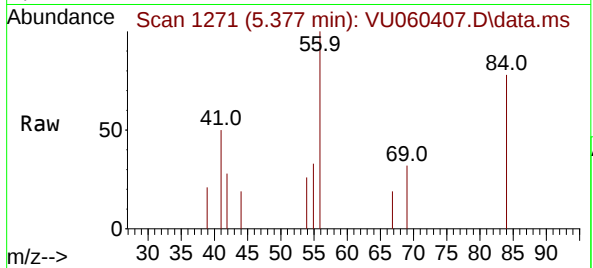
Tgt Ion: 62 Resp: 1477
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#





#30
Cyclohexane
Concen: 0.184 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-06



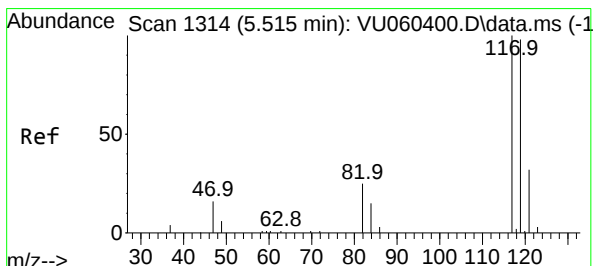
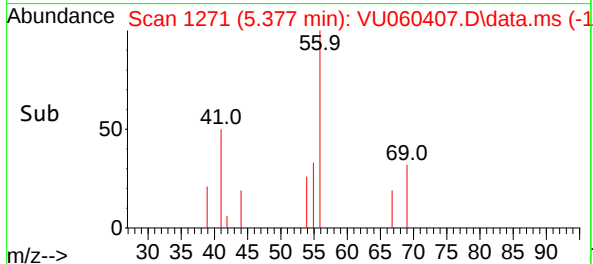
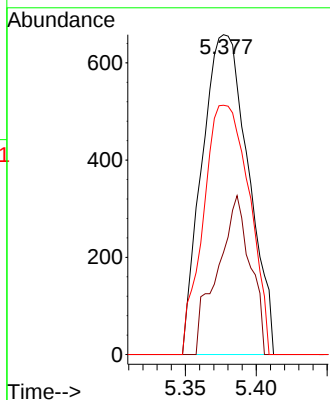
Tgt Ion: 56 Resp: 1494
Ion Ratio Lower Upper
56 100
69 35.3 24.7 37.1
84 77.3 70.7 106.1

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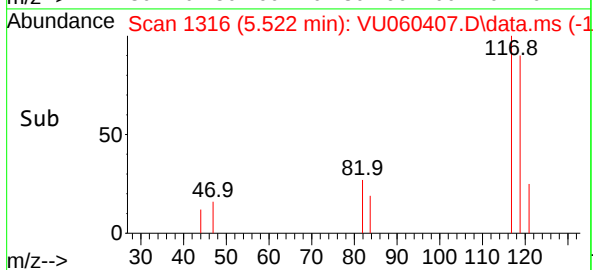
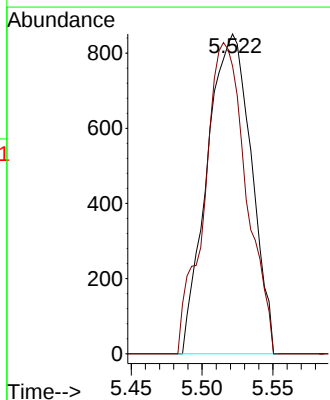
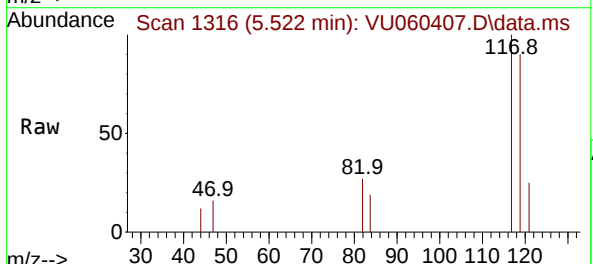
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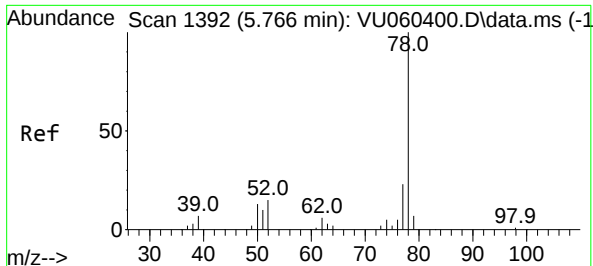
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#31
Carbon tetrachloride
Concen: 0.209 ug/L
RT: 5.522 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Tgt Ion:117 Resp: 1843
Ion Ratio Lower Upper
117 100
119 92.8 75.8 113.8





#33
Benzene
Concen: 0.213 ug/L
RT: 5.776 min Scan# 1697
Delta R.T. 0.010 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-06

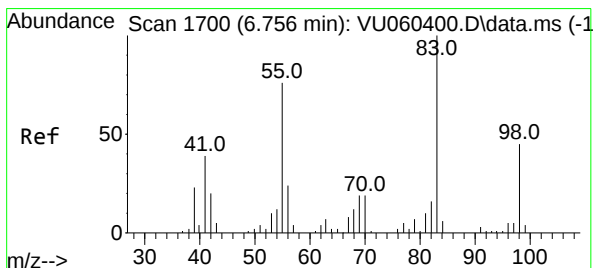
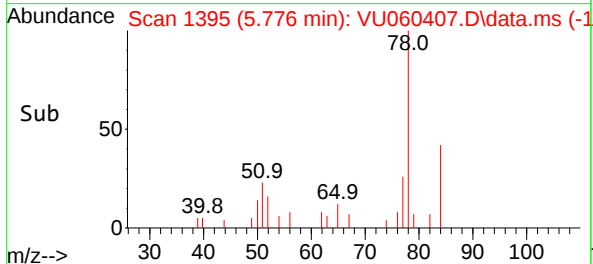
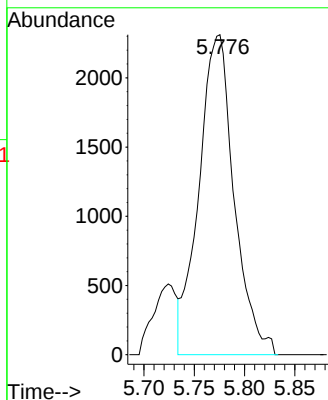
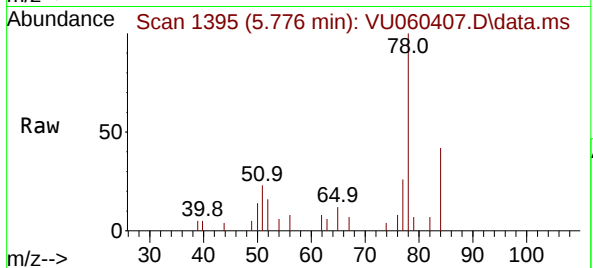
Tgt Ion: 78 Resp: 5630

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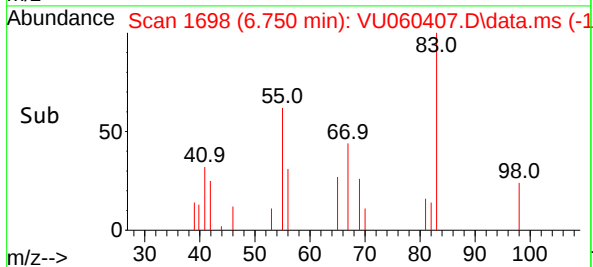
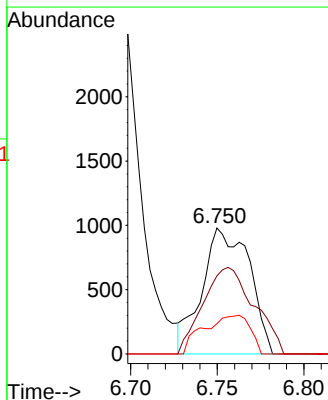
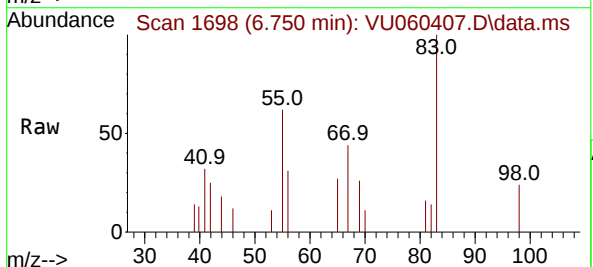
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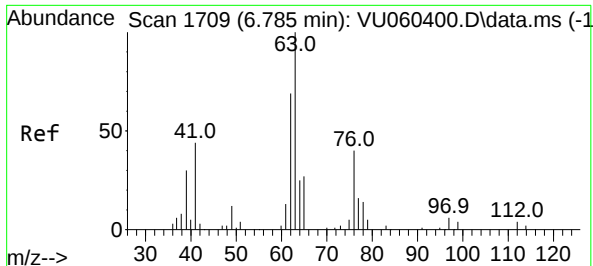
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#35
Methylcyclohexane
Concen: 0.206 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

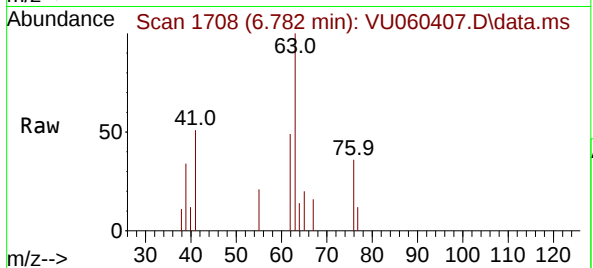
Tgt Ion: 83 Resp: 1860
Ion Ratio Lower Upper
83 100
55 74.1 62.4 93.6
98 30.1 37.3 55.9#





#37
1,2-Dichloropropane
Concen: 0.240 ug/L
RT: 6.782 min Scan# 172
Delta R.T. -0.003 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

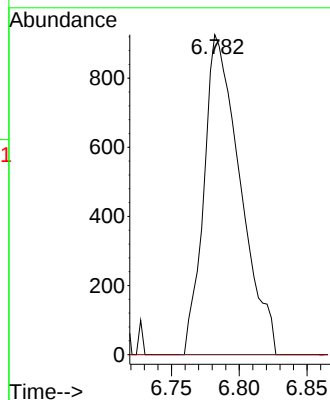
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-06



Tgt Ion: 63 Resp: 172
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9

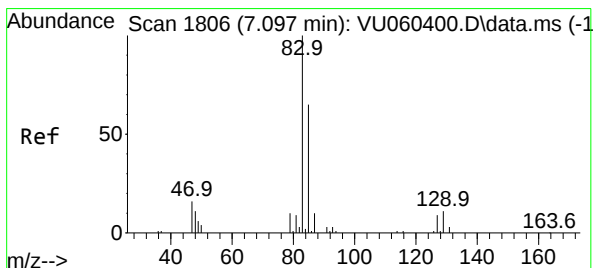
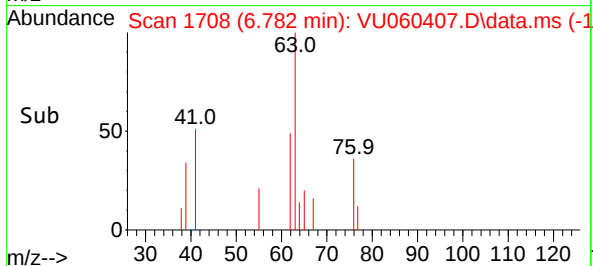
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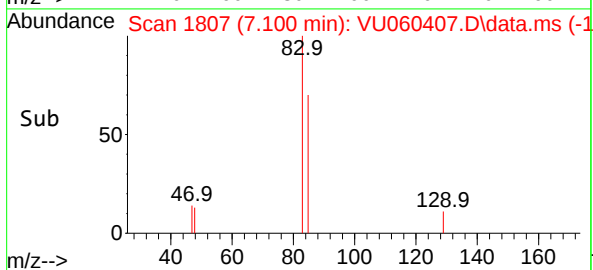
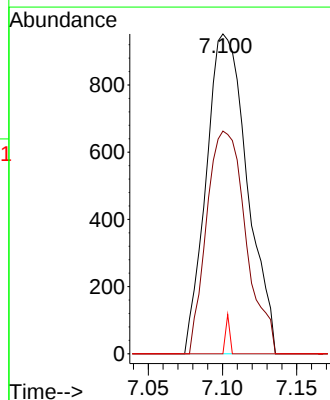
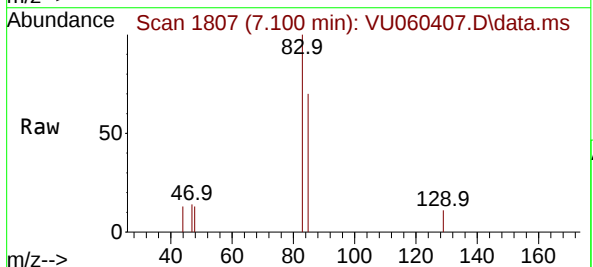
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Yesilyurt

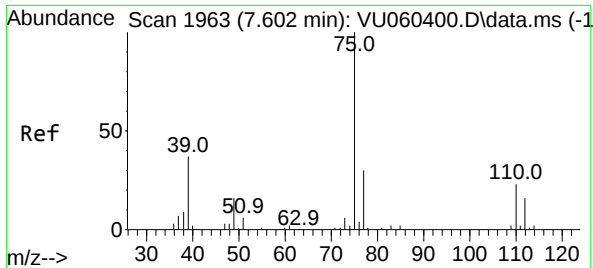
08/13/2024



#38
Bromodichloromethane
Concen: 0.206 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Tgt Ion: 83 Resp: 1831
Ion Ratio Lower Upper
83 100
85 69.6 42.4 78.8
127 0.0 7.0 10.4





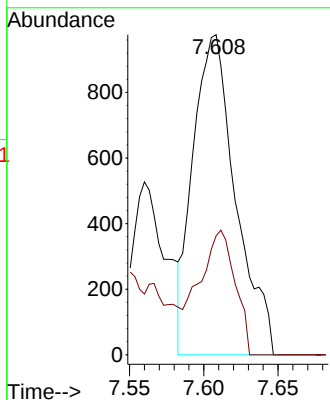
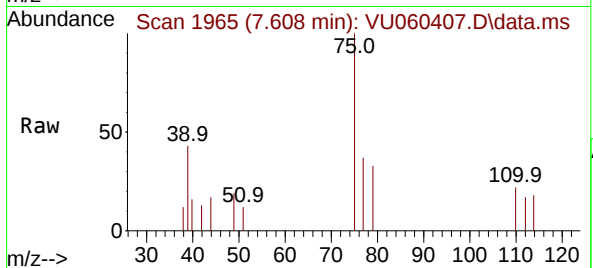
#39
cis-1,3-Dichloropropene
Concen: 0.200 ug/L
RT: 7.608 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2024-06

Tgt Ion: 75 Resp: 1950
Ion Ratio Lower Upper
75 100
77 37.2 22.5 41.9

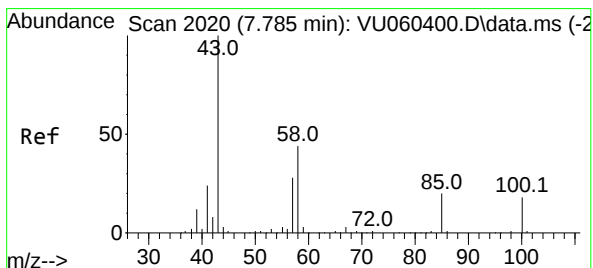
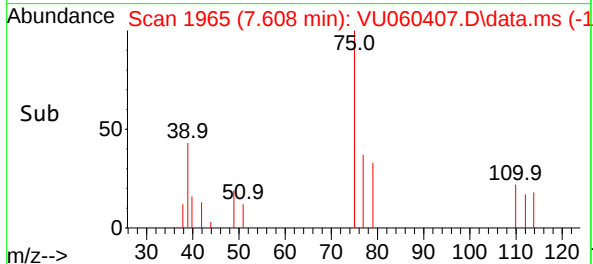
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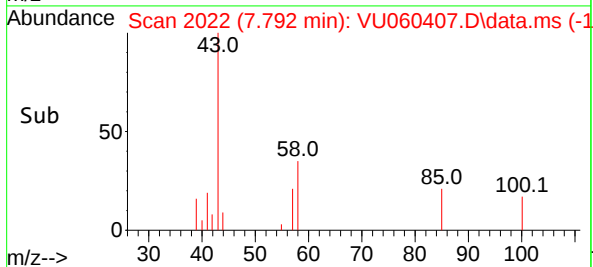
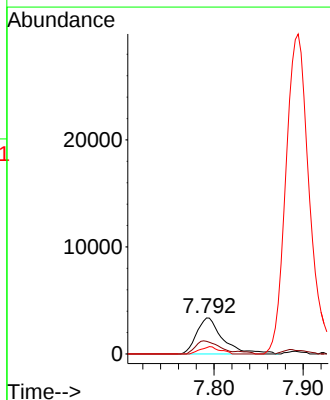
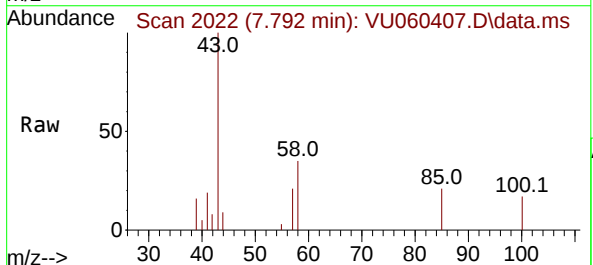
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Supervised By :Semsettin Yesilyurt

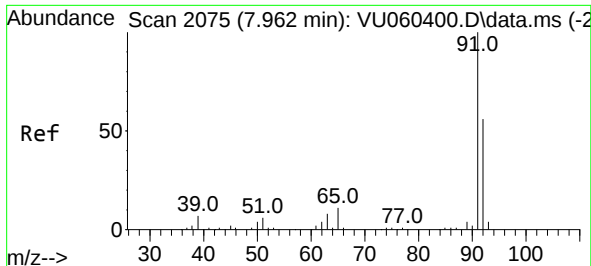
08/13/2024



#40
4-Methyl-2-pentanone
Concen: 2.045 ug/L
RT: 7.792 min Scan# 2022
Delta R.T. 0.006 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Tgt Ion: 43 Resp: 6859
Ion Ratio Lower Upper
43 100
58 32.1 36.6 55.0#
100 0.0 14.1 21.1#





#42

Toluene

Concen: 0.199 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU060407.D

Acq: 12 Aug 2024 15:32

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2024-06

Tgt Ion: 91 Resp: 556

Ion Ratio Lower Upper

91 100

92 57.1 40.6 75.4

Manual Integrations

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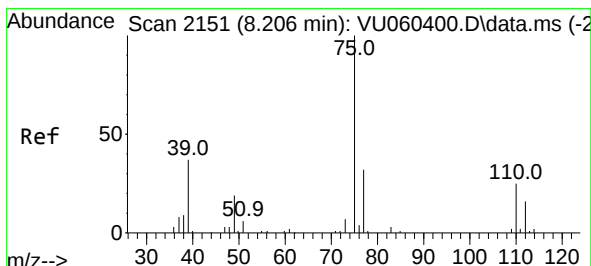
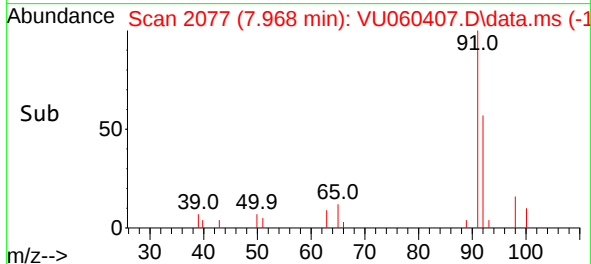
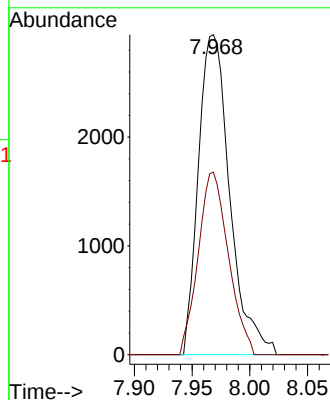
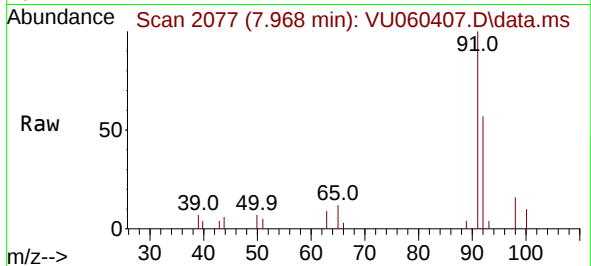
Reviewed By :Mahesh Dadoda 08/13/2024

Supervised By :Semsettin Yesilyurt 08/13/2024

08/13/2024

Supervised By :Semsettin Yesilyurt

08/13/2024



#44

trans-1,3-Dichloropropene

Concen: 0.222 ug/L m

RT: 8.213 min Scan# 2153

Delta R.T. 0.007 min

Lab File: VU060407.D

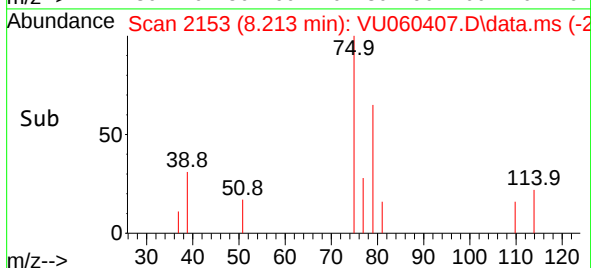
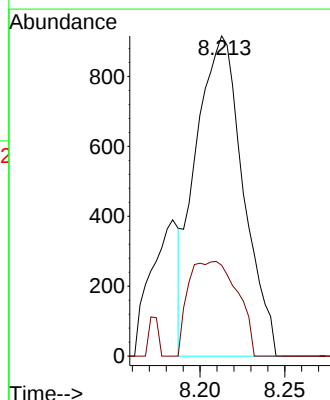
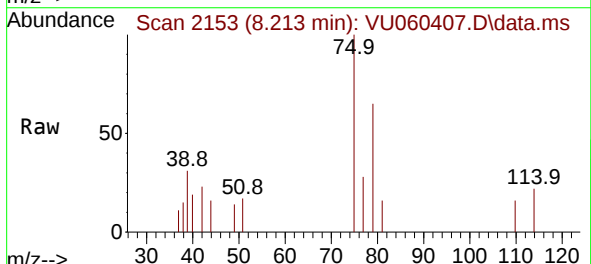
Acq: 12 Aug 2024 15:32

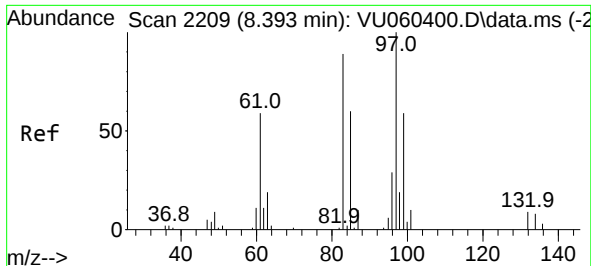
Tgt Ion: 75 Resp: 1792

Ion Ratio Lower Upper

75 100

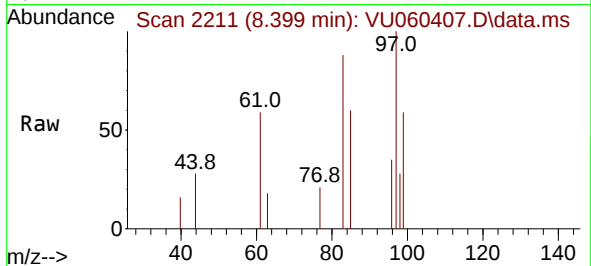
77 28.4 25.0 46.4





#45
1,1,2-Trichloroethane
Concen: 0.192 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-06



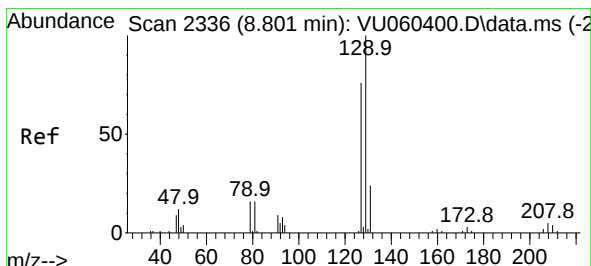
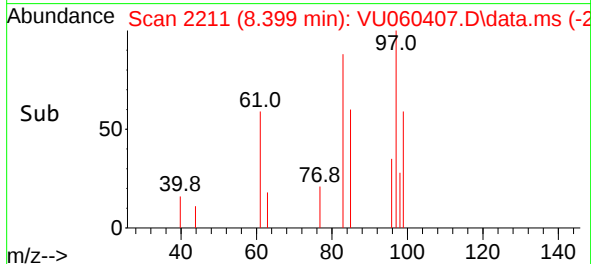
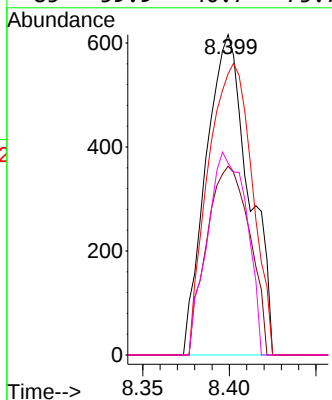
Tgt Ion: 97 Resp: 1058
Ion Ratio Lower Upper
97 100
99 58.9 45.8 85.0
83 87.8 61.7 114.5
85 59.9 40.7 75.7

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

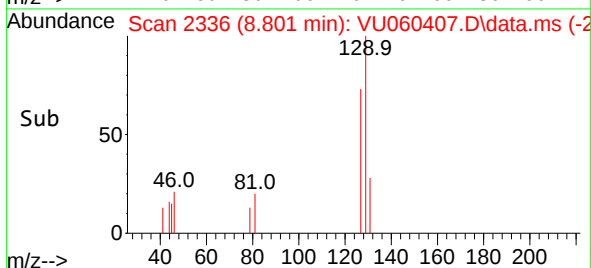
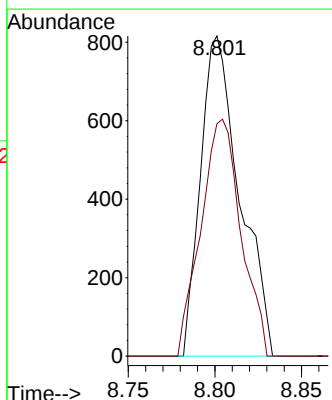
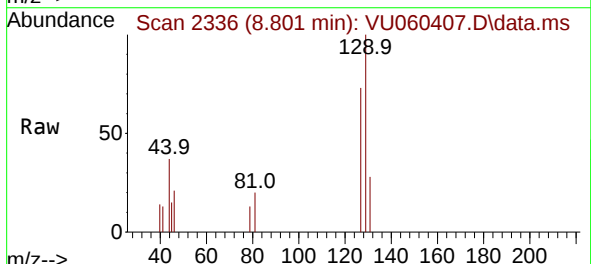
08/13/2024
Supervised By :Semsettin
Yesilyurt

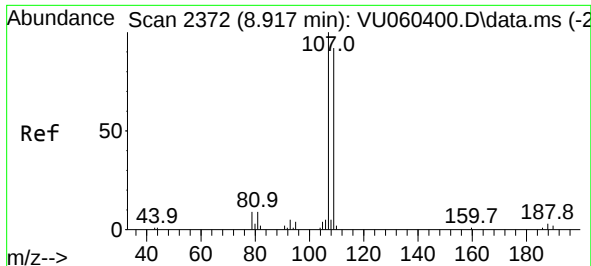
08/13/2024



#49
Dibromochloromethane
Concen: 0.220 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

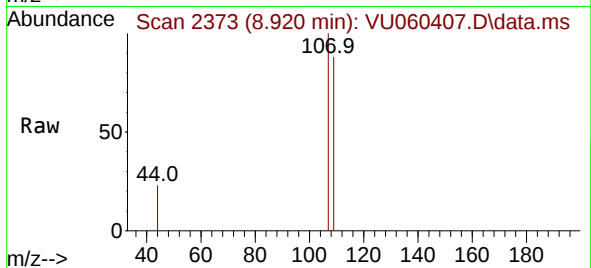
Tgt Ion:129 Resp: 1290
Ion Ratio Lower Upper
129 100
127 72.5 51.9 96.3





#50
1,2-Dibromoethane
Concen: 0.220 ug/L
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-06



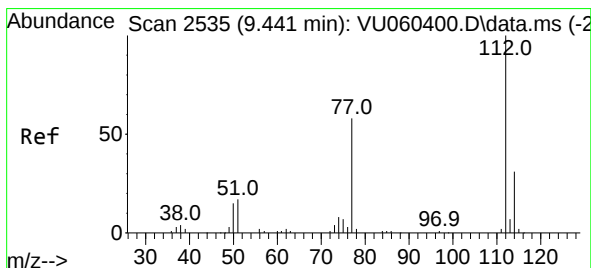
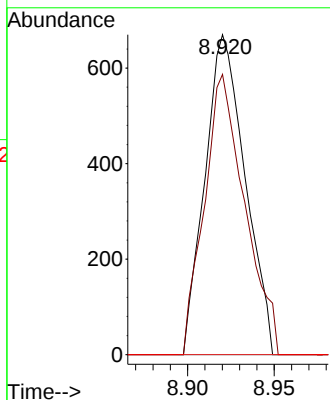
Tgt Ion:107	Resp:	1080
Ion Ratio	Lower	Upper
107	100	
109	87.6	64.8 120.3
188	0.0	2.6 3.8

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Supervised By :Semsettin Yesilyurt 08/13/2024

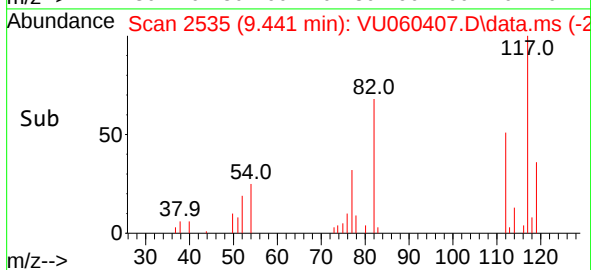
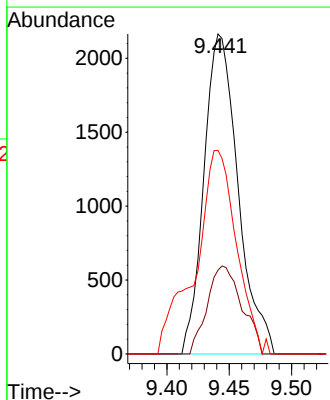
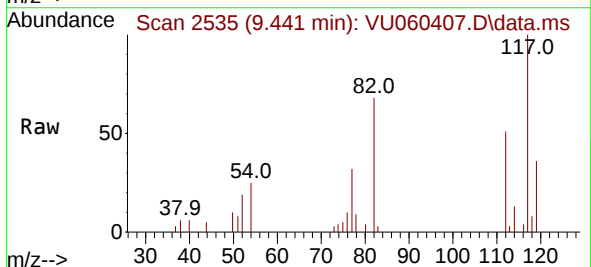
08/13/2024
Supervised By :Semsettin
Yesilyurt

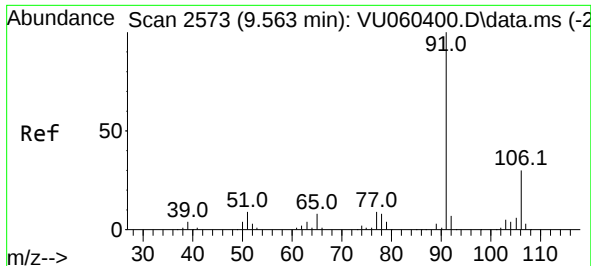
08/13/2024



#51
Chlorobenzene
Concen: 0.219 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Tgt Ion:112	Resp:	4125
Ion Ratio	Lower	Upper
112	100	
114	26.2	21.3 39.5
77	63.6	44.6 67.0





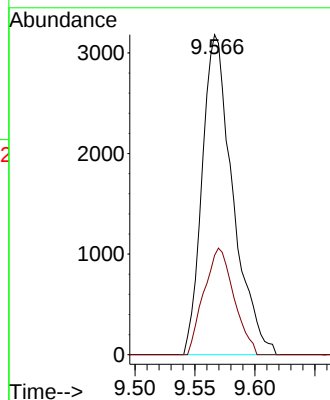
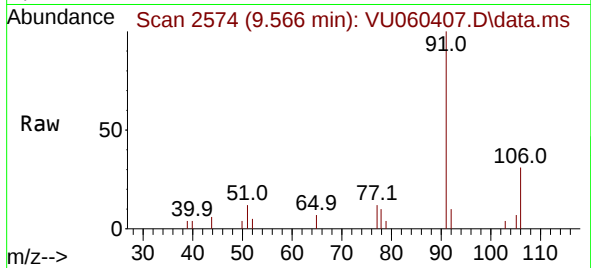
#52
Ethylbenzene
Concen: 0.192 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-06

Tgt Ion: 91 Resp: 564
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.2

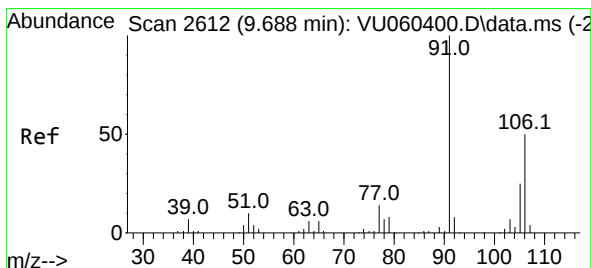
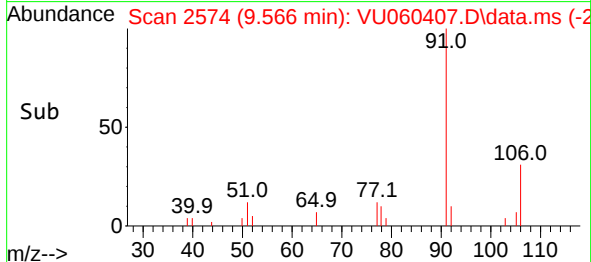
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Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024



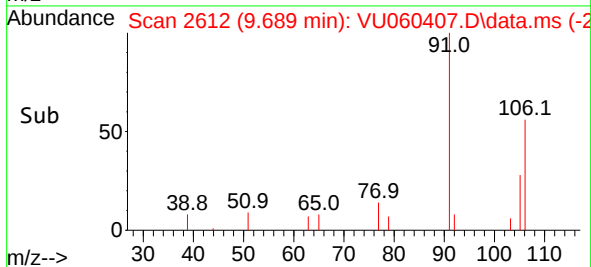
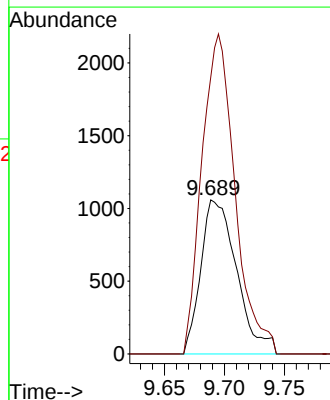
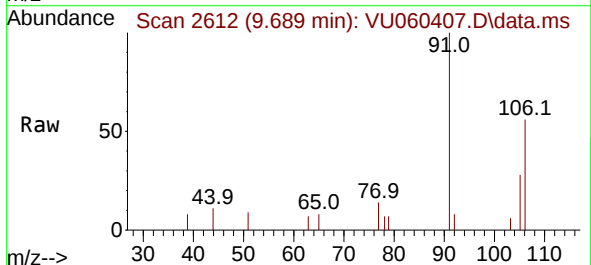
08/13/2024
Supervised By :Semsettin
Yesilyurt

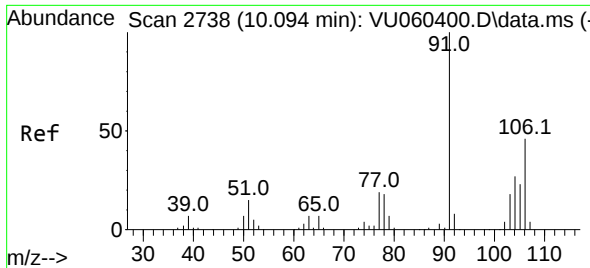
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#53
m,p-Xylene
Concen: 0.197 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Tgt Ion:106 Resp: 2202
Ion Ratio Lower Upper
106 100
91 179.6 143.2 266.0





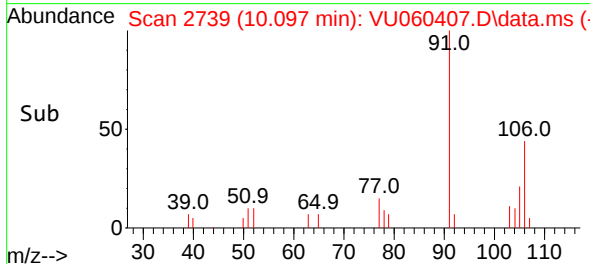
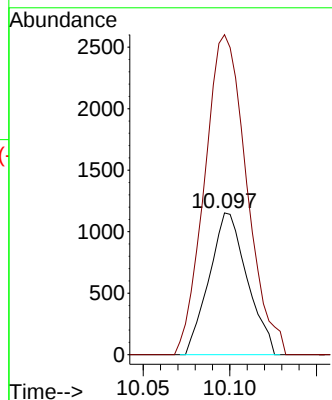
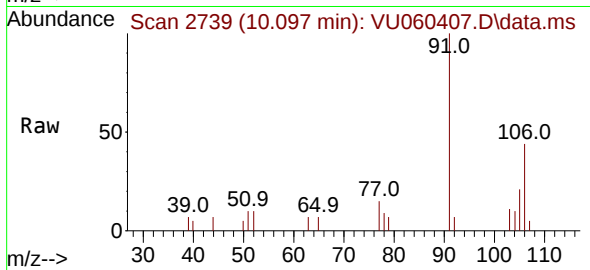
#54
o-Xylene
Concen: 0.164 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-06

Tgt Ion:106 Resp: 1750
Ion Ratio Lower Upper
106 100
91 225.7 150.2 279.0

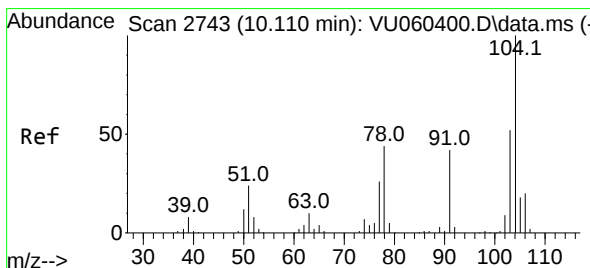
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Supervised By :Semsettin Yesilyurt 08/13/2024



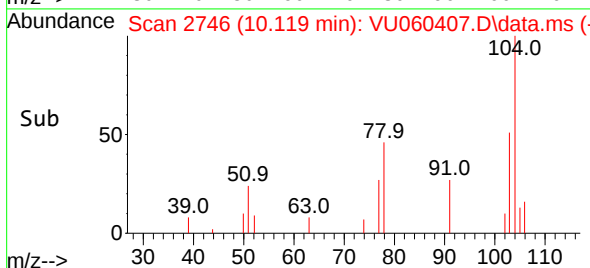
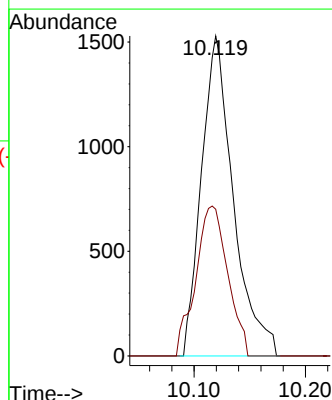
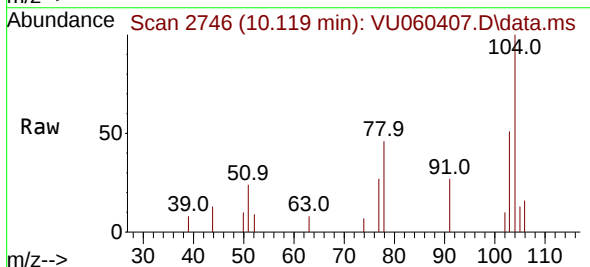
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Supervised By :Semsettin
Yesilyurt

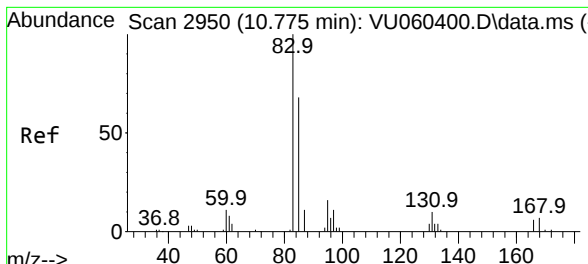
08/13/2024



#55
Styrene
Concen: 0.165 ug/L
RT: 10.119 min Scan# 2746
Delta R.T. 0.010 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

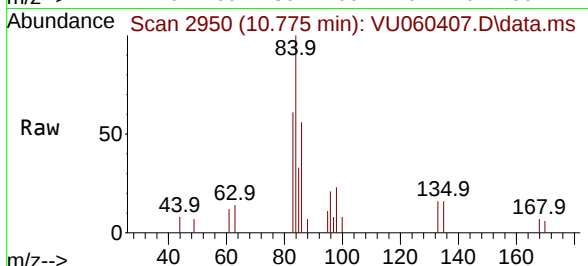
Tgt Ion:104 Resp: 3043
Ion Ratio Lower Upper
104 100
78 45.8 32.1 59.7





#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.240 ug/L
 RT: 10.775 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU060407.D
 Acq: 12 Aug 2024 15:32

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-QT3-2024-06

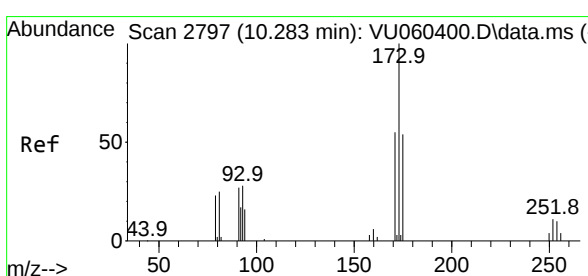
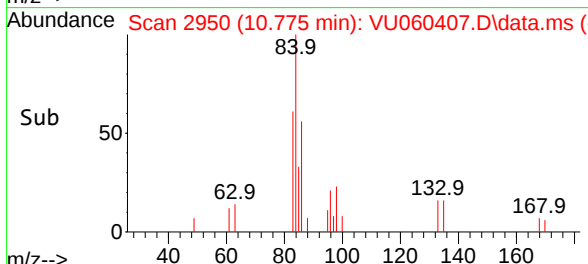
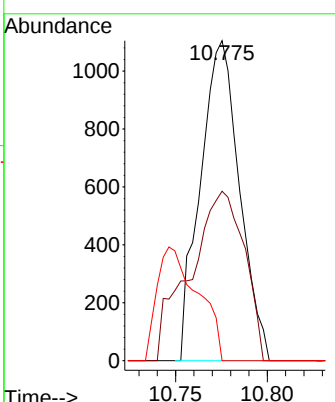


Tgt Ion:	83	Resp:	164
Ion Ratio	Lower	Upper	
83	100		
85	52.9	46.1	85.5
131	0.0	7.6	11.4

Manual Integrations
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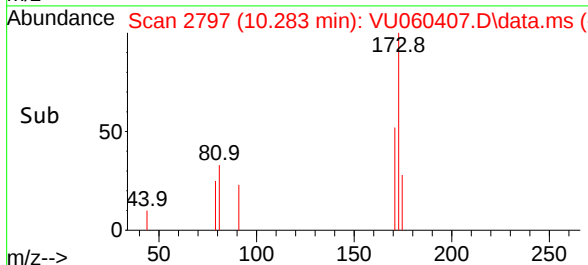
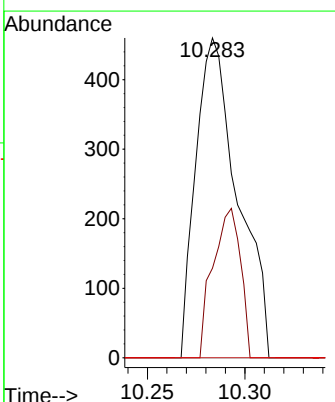
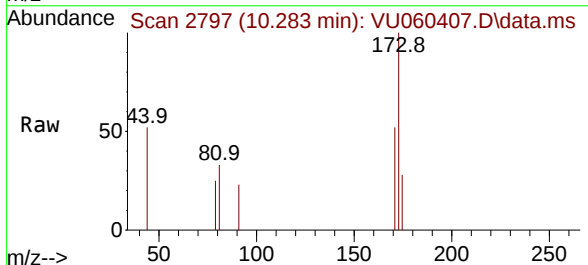
Reviewed By :Mahesh Dadoda 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024

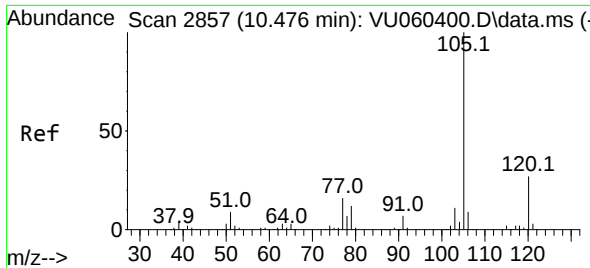
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#59
 Bromoform
 Concen: 0.226 ug/L
 RT: 10.283 min Scan# 2797
 Delta R.T. 0.000 min
 Lab File: VU060407.D
 Acq: 12 Aug 2024 15:32

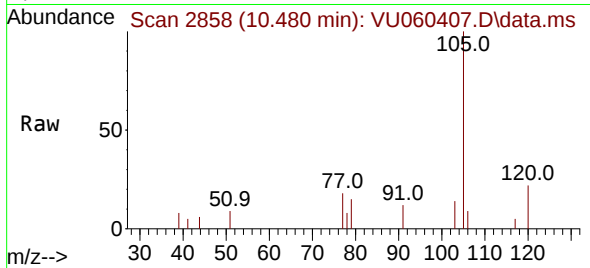
Tgt Ion:	173	Resp:	689
Ion Ratio	Lower	Upper	
173	100		
175	30.6	39.7	59.5
254	0.0	8.2	12.4





#60
Isopropylbenzene
Concen: 0.208 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-06



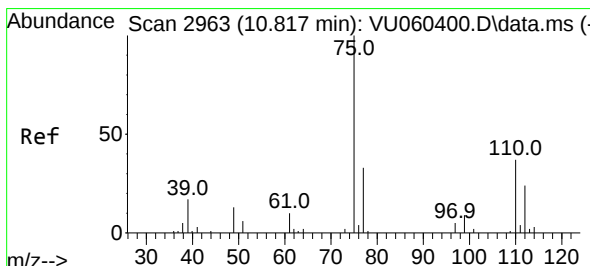
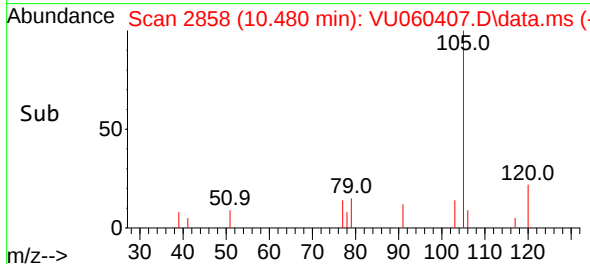
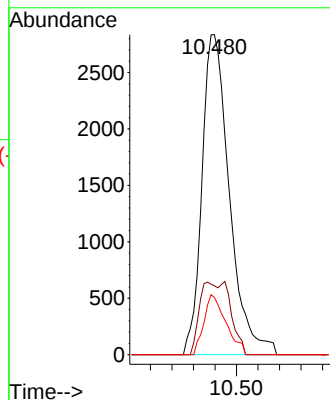
Tgt Ion: 105 Resp: 5028
Ion Ratio Lower Upper
105 100
120 15.3 21.0 31.6
77 15.0 12.6 19.0

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Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

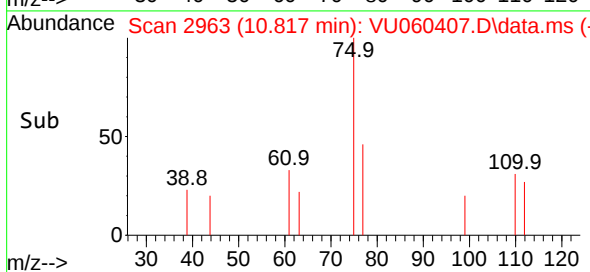
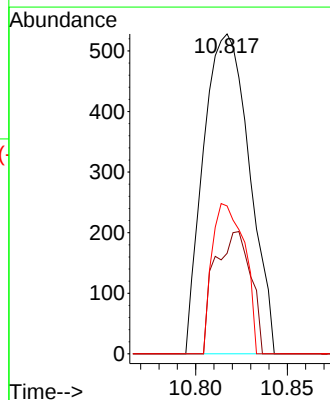
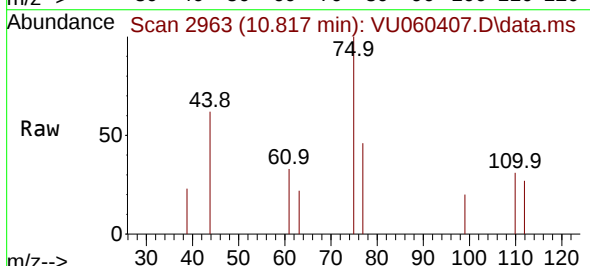
08/13/2024
Supervised By :Semsettin
Yesilyurt

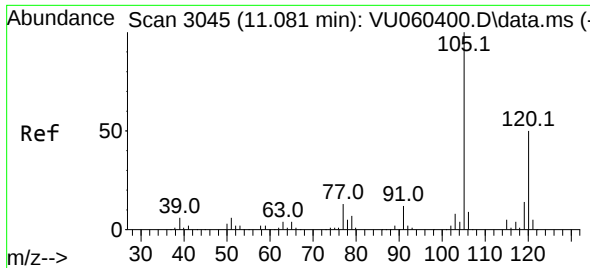
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#61
1,2,3-Trichloropropane
Concen: 0.237 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

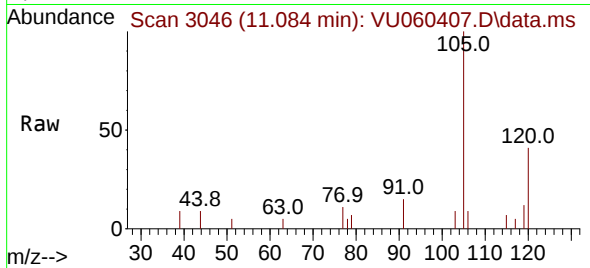
Tgt Ion: 75 Resp: 921
Ion Ratio Lower Upper
75 100
110 29.8 29.9 44.9
77 33.1 27.0 40.6





#62
1,3,5-Trimethylbenzene
Concen: 0.217 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-06



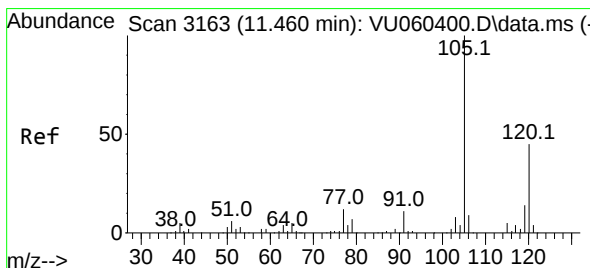
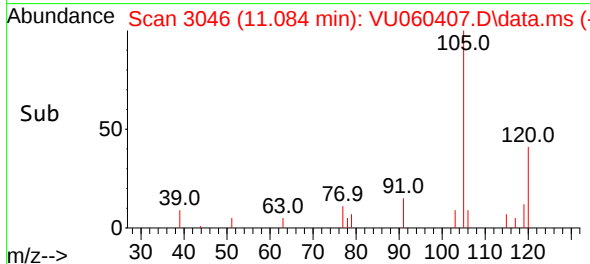
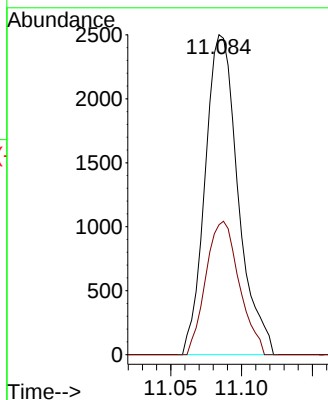
Tgt Ion:105 Resp: 4050
Ion Ratio Lower Upper
105 100
120 42.2 39.3 58.9

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

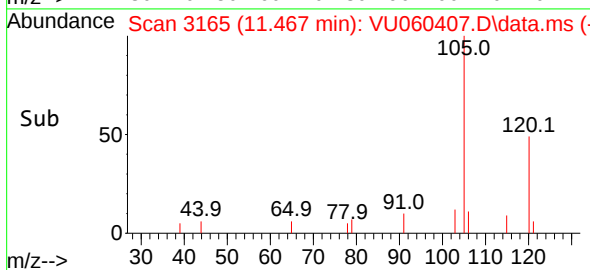
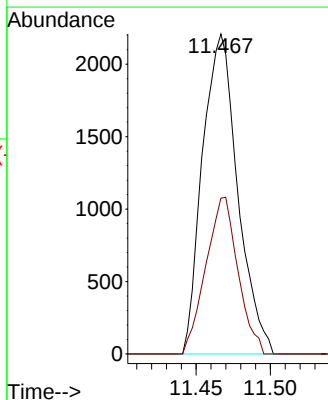
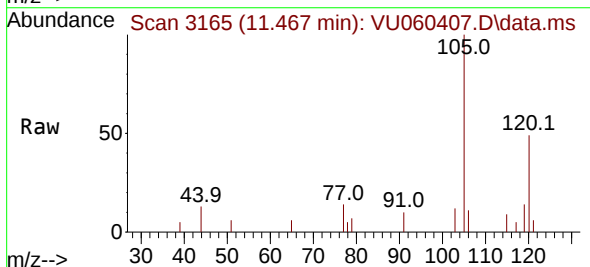
08/13/2024
Supervised By :Semsettin
Yesilyurt

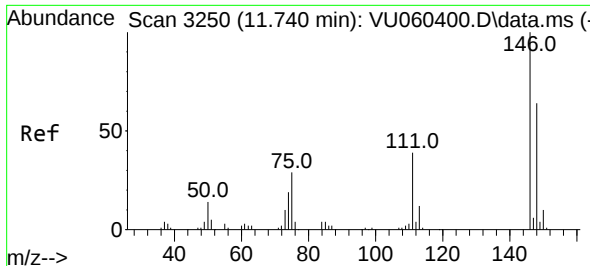
08/13/2024



#63
1,2,4-Trimethylbenzene
Concen: 0.198 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.007 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

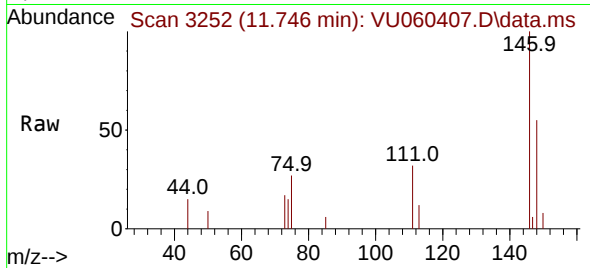
Tgt Ion:105 Resp: 3637
Ion Ratio Lower Upper
105 100
120 44.7 36.1 54.1





#64
1,3-Dichlorobenzene
Concen: 0.216 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.006 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-06



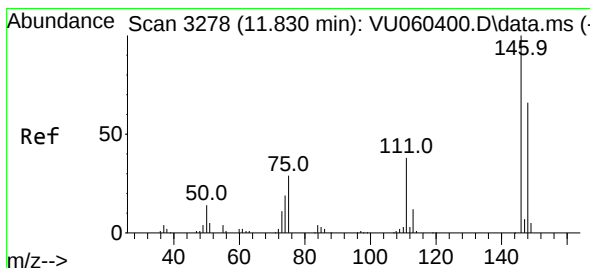
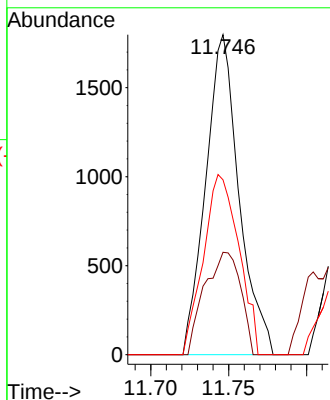
Tgt Ion:146 Resp: 267
Ion Ratio Lower Upper
146 100
111 32.0 29.2 54.2
148 54.7 44.9 83.3

Manual Integrations APPROVED

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Supervised By :Semsettin Yesilyurt 08/13/2024

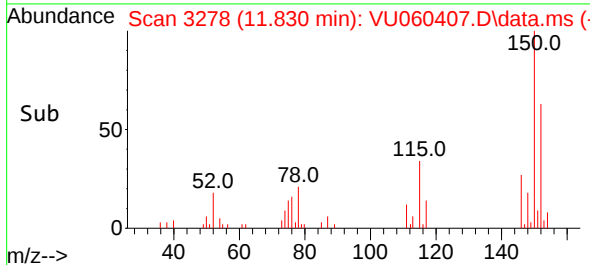
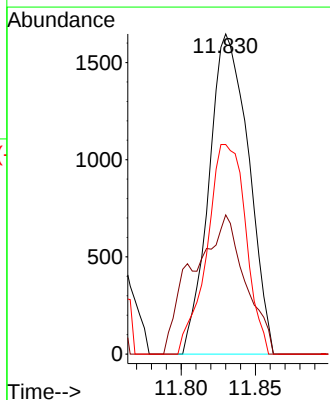
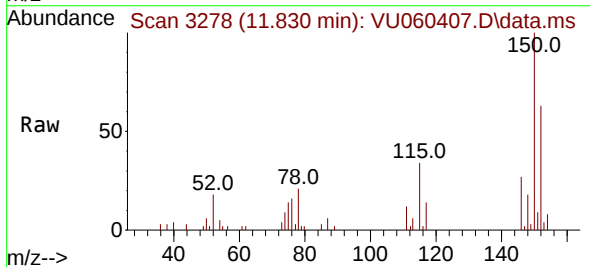
08/13/2024
Supervised By :Semsettin
Yesilyurt

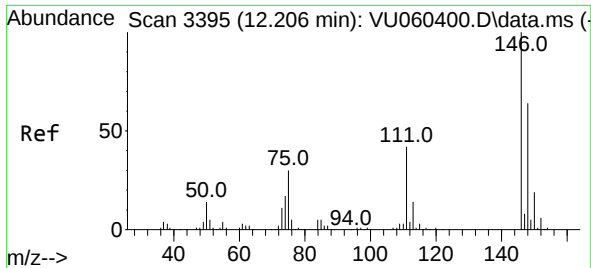
08/13/2024



#65
1,4-Dichlorobenzene
Concen: 0.245 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Tgt Ion:146 Resp: 3052
Ion Ratio Lower Upper
146 100
111 43.5 25.8 48.0
148 65.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 0.256 ug/L

RT: 12.206 min Scan# 3111

Delta R.T. 0.000 min

Lab File: VU060407.D

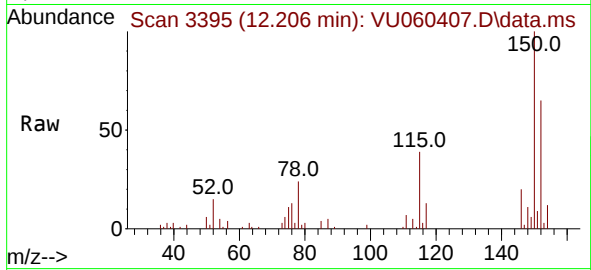
Acq: 12 Aug 2024 15:32

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2024-06



Tgt Ion:146	Resp:	2990
Ion Ratio	Lower	Upper
146	100	
111	37.4	32.0 48.0
148	55.5	51.8 77.8

Manual Integrations

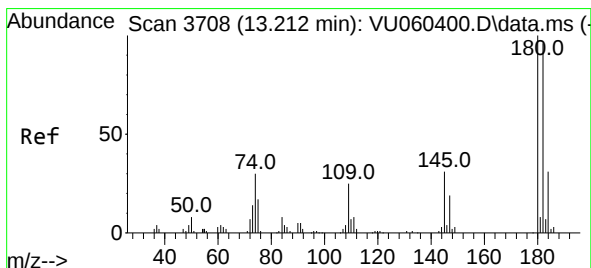
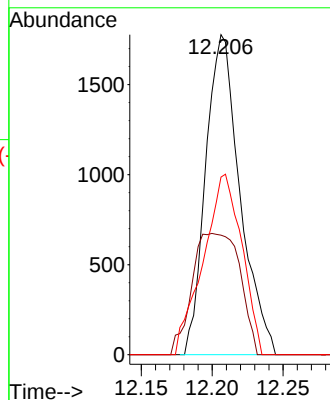
APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

08/13/2024

Supervised By :Semsettin
Yesilyurt

08/13/2024



#69

1,3,5-Trichlorobenzene

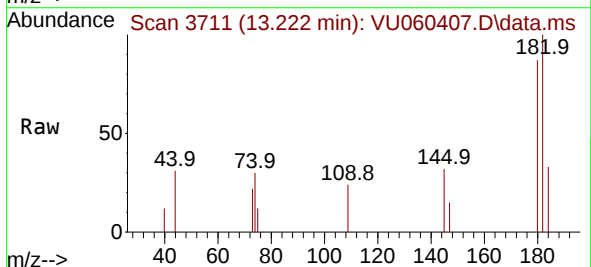
Concen: 0.181 ug/L

RT: 13.222 min Scan# 3711

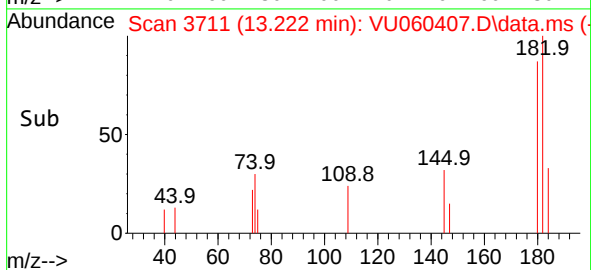
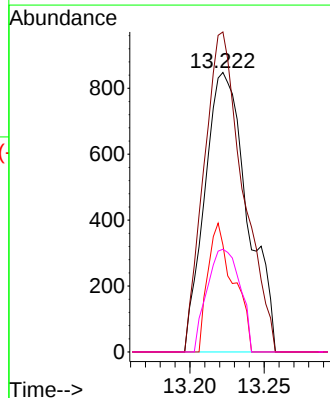
Delta R.T. 0.010 min

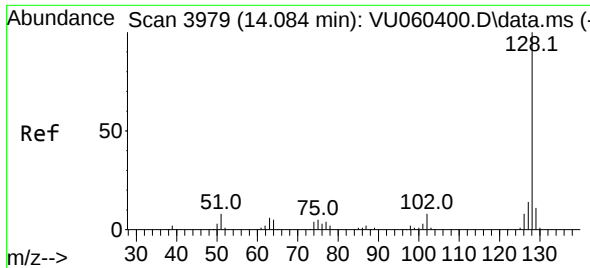
Lab File: VU060407.D

Acq: 12 Aug 2024 15:32



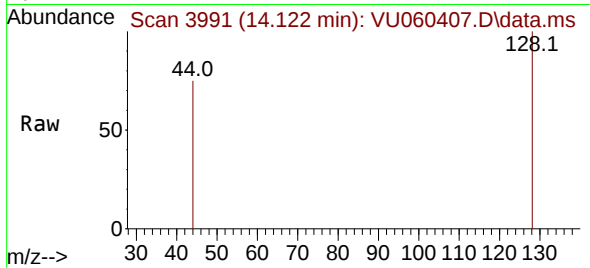
Tgt Ion:180	Resp:	1692
Ion Ratio	Lower	Upper
180	100	
182	104.8	76.0 114.0
184	27.8	23.8 35.8
145	28.4	23.1 34.7





#71
Naphthalene
Concen: 0.146 ug/L m
RT: 14.122 min Scan# 3979
Delta R.T. 0.039 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-06



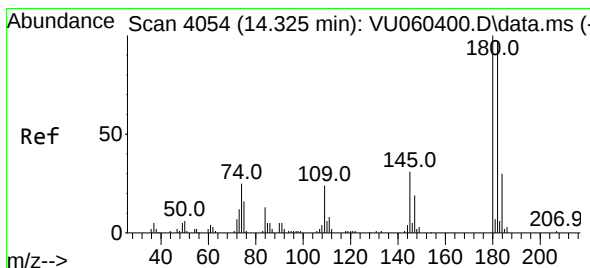
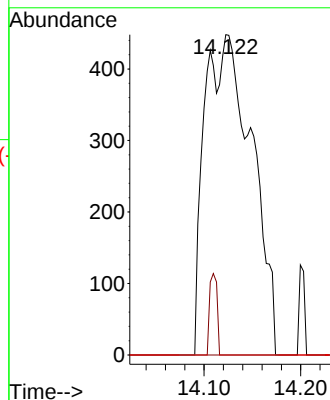
Tgt Ion:128 Resp: 151
Ion Ratio Lower Upper
128 100
129 4.0 8.6 12.8
127 0.0 10.6 16.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
Supervised By :Semsettin Yesilyurt 08/13/2024

08/13/2024
Supervised By :Semsettin
Yesilyurt

08/13/2024



#72
1,2,3-Trichlorobenzene
Concen: 0.165 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.007 min
Lab File: VU060407.D
Acq: 12 Aug 2024 15:32

Tgt Ion:180 Resp: 1082
Ion Ratio Lower Upper
180 100
182 94.5 75.7 113.5
145 17.7 23.7 35.5

