

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057972.D
 Acq On : 29 Feb 2024 13:49
 Operator : MD/SY
 Sample : P1601-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2024-01

Quant Time: Mar 01 05:38:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:18:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151109	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143991	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55811	5.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.600%
7) Chloroethane-d5	1.907	69	46382	5.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.560	65	24863	5.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.600%
20) 2-Butanone-d5	4.612	46	102253	57.081	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.160%
24) Chloroform-d	5.052	84	106041	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.695	65	52343	5.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	5.721	84	216735	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.682	67	67758	5.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.891	98	193159	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	8.177	79	21908	4.994	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.627	63	83182	56.478	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.960%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	41539	5.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	60090	5.375	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	1982	0.216	ug/L	99
3) Chloromethane	1.515	50	2493	0.233	ug/L	96
5) Vinyl chloride	1.599	62	2895	0.251	ug/L #	63
6) Bromomethane	1.850	94	1463	0.241	ug/L	98
8) Chloroethane	1.927	64	1734	0.239	ug/L	97
9) Trichlorofluoromethane	2.133	101	3946	0.241	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	2913	0.284	ug/L #	80
12) 1,1-Dichloroethene	2.576	96	2493	0.273	ug/L #	1
14) Carbon disulfide	2.785	76	7181	0.255	ug/L	97
16) Methylene chloride	3.036	84	5509	0.497	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	5067	0.235	ug/L #	88
18) trans-1,2-Dichloroethene	3.348	96	2071	0.209	ug/L	83
19) 1,1-Dichloroethane	3.869	63	4692	0.237	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	2681	0.245	ug/L	96
23) Bromochloromethane	4.965	128	782m	0.193	ug/L	
25) Chloroform	5.078	83	4292	0.212	ug/L	83
27) 1,2-Dichloroethane	5.792	62	2760	0.246	ug/L #	76
30) Cyclohexane	5.377	56	3642	0.210	ug/L	98
31) Carbon tetrachloride	5.518	117	3141	0.211	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.769	78	10026	0.227	ug/L	100
35) Methylcyclohexane	6.759	83	3968	0.223	ug/L	95
37) 1,2-Dichloropropane	6.779	63	2682	0.235	ug/L #	89
38) Bromodichloromethane	7.097	83	3070	0.222	ug/L #	95
39) cis-1,3-Dichloropropene	7.605	75	3914	0.249	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	12609	2.406	ug/L #	85
42) Toluene	7.968	91	10451	0.227	ug/L	95
44) trans-1,3-Dichloropropene	8.206	75	2923	0.234	ug/L	83
45) 1,1,2-Trichloroethane	8.396	97	1567	0.232	ug/L	85
48) 2-Hexanone	8.682	43	15214	3.958	ug/L #	97
49) Dibromochloromethane	8.804	129	1584	0.198	ug/L	77
50) 1,2-Dibromoethane	8.920	107	1405	0.234	ug/L #	96
51) Chlorobenzene	9.447	112	6946	0.241	ug/L	100
52) Ethylbenzene	9.566	91	11700	0.227	ug/L	93
53) m,p-Xylene	9.692	106	4296	0.234	ug/L	85
54) o-Xylene	10.100	106	4008	0.219	ug/L	92
55) Styrene	10.116	104	6238	0.217	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.775	83	1942	0.244	ug/L #	97
59) Bromoform	10.283	173	814	0.215	ug/L #	86
60) Isopropylbenzene	10.483	105	10109	0.224	ug/L	97
61) 1,2,3-Trichloropropane	10.820	75	1366	0.246	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	8145	0.214	ug/L	93
63) 1,2,4-Trimethylbenzene	11.467	105	8032	0.213	ug/L	93
64) 1,3-Dichlorobenzene	11.746	146	5216	0.254	ug/L	94
65) 1,4-Dichlorobenzene	11.833	146	5989	0.298	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	4889	0.273	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.997	75	205	0.186	ug/L #	37
69) 1,3,5-Trichlorobenzene	13.222	180	4080	0.276	ug/L #	91
70) 1,2,4-trichlorobenzene	13.843	180	3666	0.330	ug/L	97
71) Naphthalene	14.097	128	5658	0.373	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.331	180	2959	0.337	ug/L	98

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

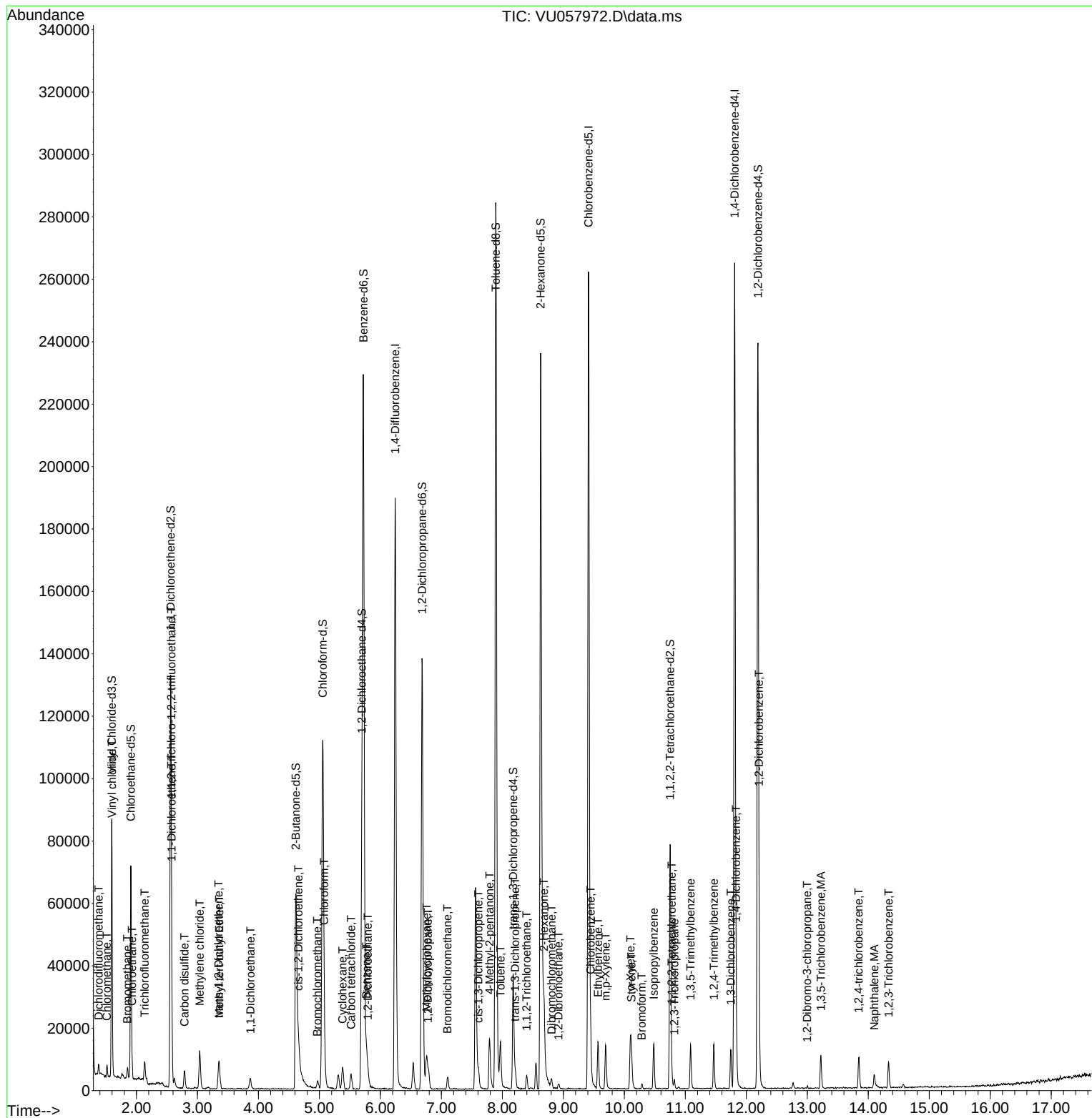
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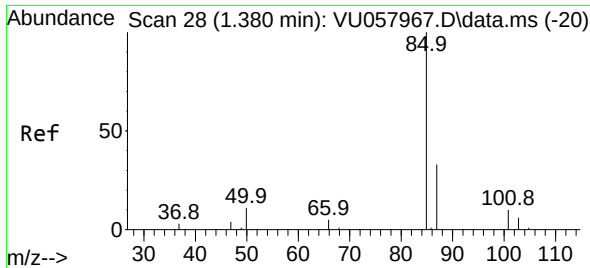
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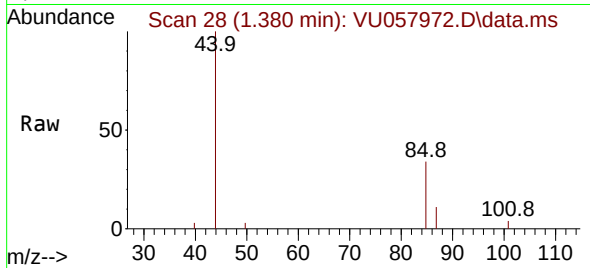
Reviewed By :Mahesh Dadoda 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024





#2
 Dichlorodifluoromethane
 Concen: 0.216 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU057972.D
 Acq: 29 Feb 2024 13:49

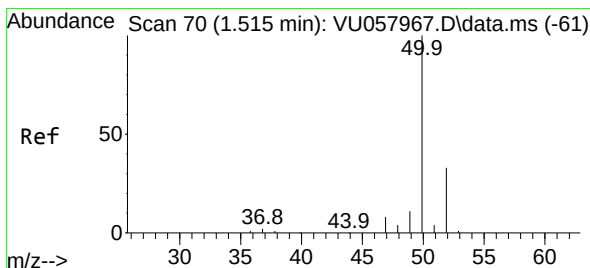
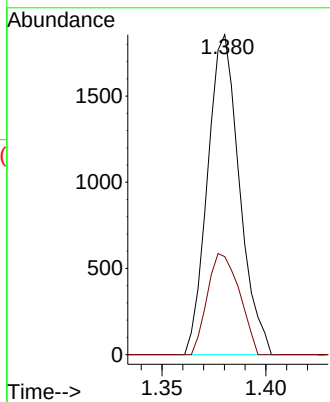
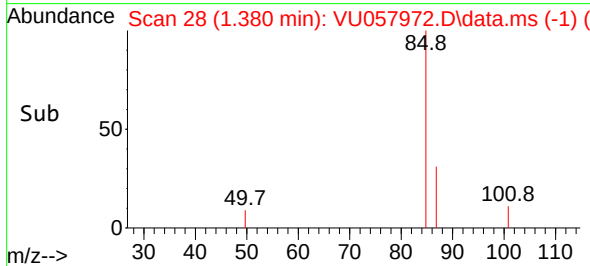
Instrument : MSVOA_U
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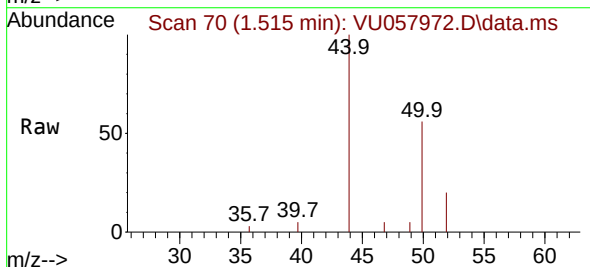
Tgt Ion: 85 Resp: 198
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.8 38.6

Manual Integrations
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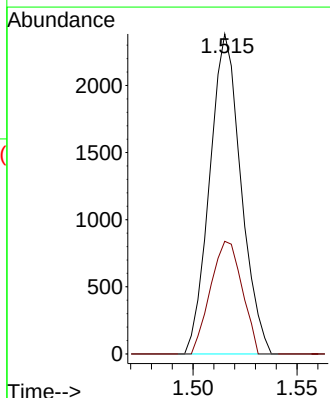
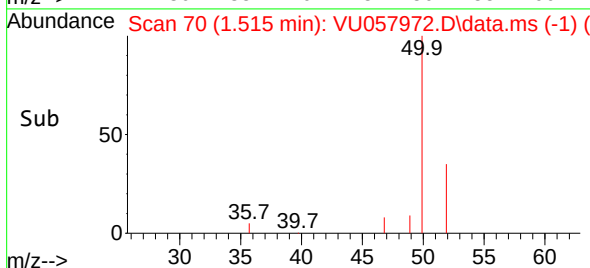
Reviewed By :Mahesh Dadoda 03/01/2024
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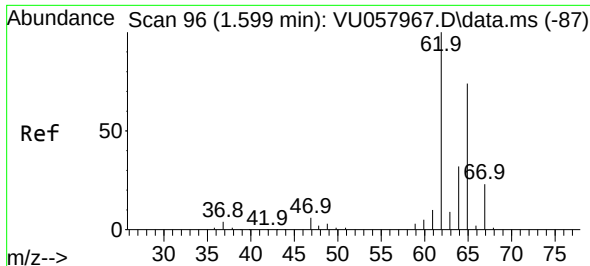


#3
 Chloromethane
 Concen: 0.233 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU057972.D
 Acq: 29 Feb 2024 13:49



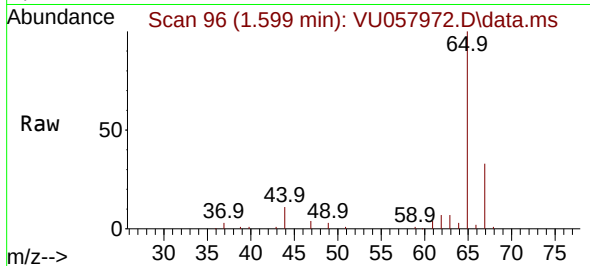
Tgt Ion: 50 Resp: 2493
 Ion Ratio Lower Upper
 50 100
 52 35.2 23.1 42.9





#5
 Vinyl chloride
 Concen: 0.251 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU057972.D
 Acq: 29 Feb 2024 13:49

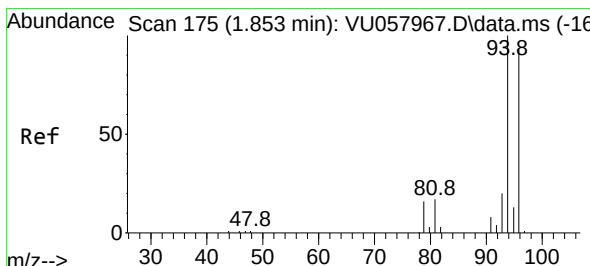
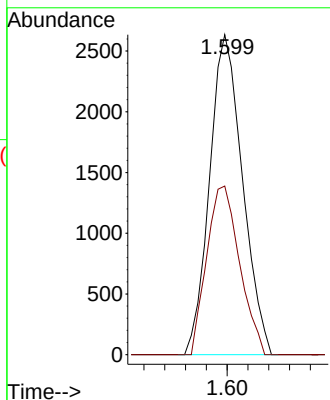
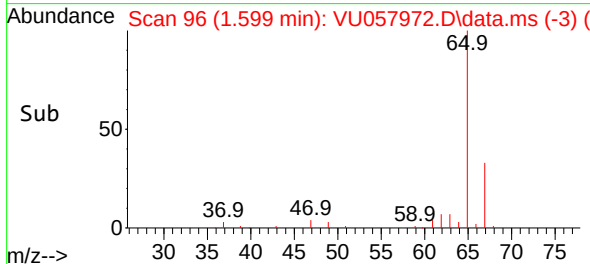
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2024-01



Tgt Ion: 62 Resp: 289
 Ion Ratio Lower Upper
 62 100
 64 52.7 22.5 41.7

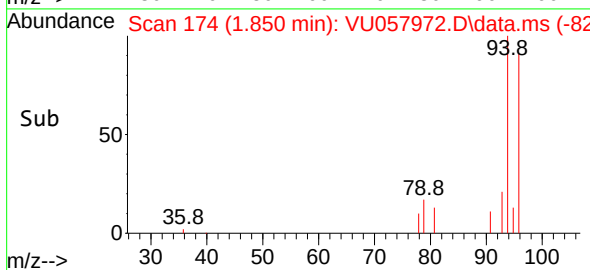
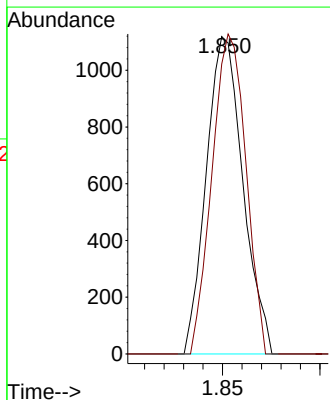
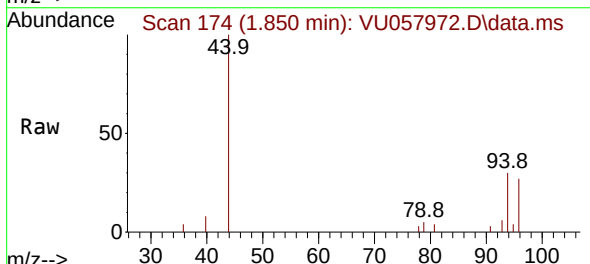
Manual Integrations
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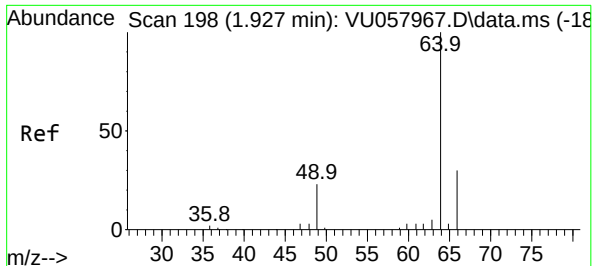
Reviewed By :Mahesh Dadoda 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024



#6
 Bromomethane
 Concen: 0.241 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU057972.D
 Acq: 29 Feb 2024 13:49

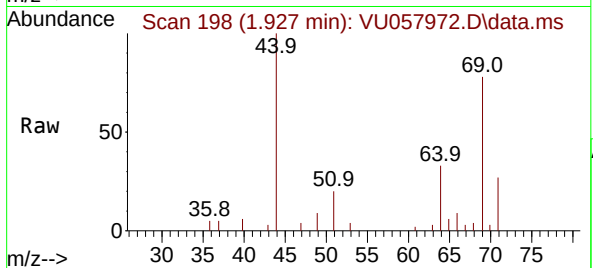
Tgt Ion: 94 Resp: 1463
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.2 121.2





#8
Chloroethane
Concen: 0.239 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

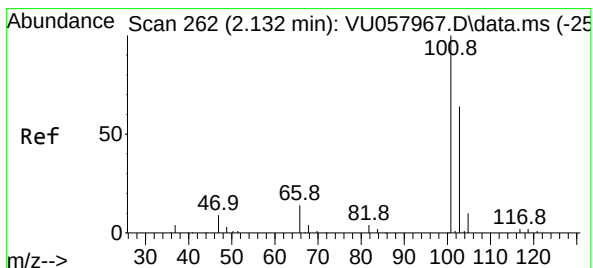
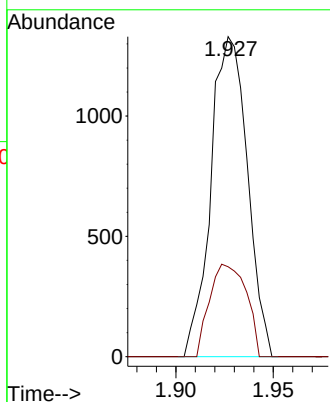
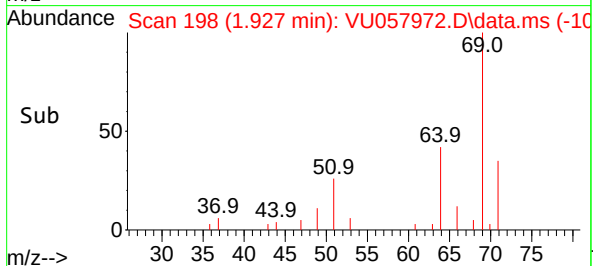
Instrument :
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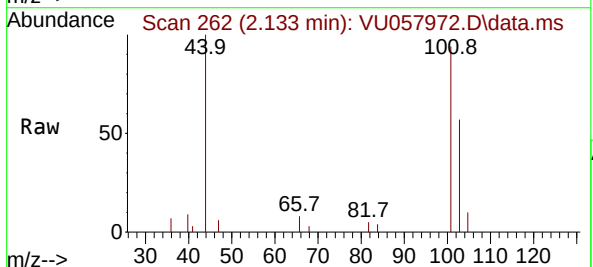
Tgt Ion: 64 Resp: 1734
Ion Ratio Lower Upper
64 100
66 28.1 20.9 38.9

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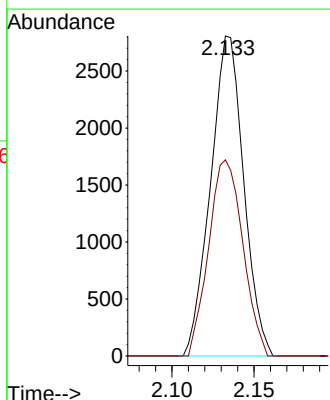
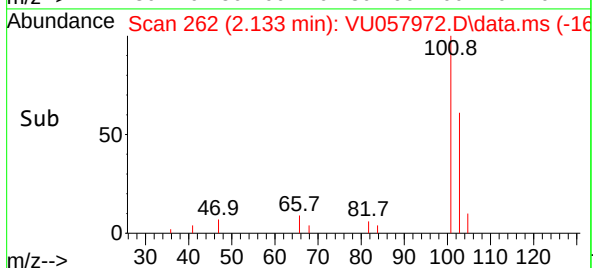
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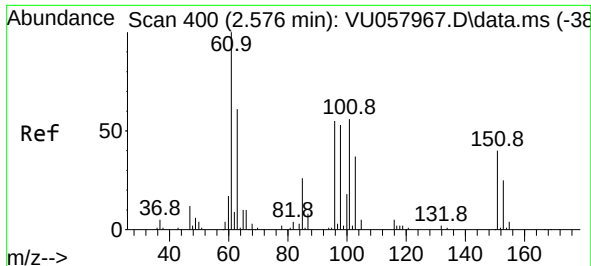


#9
Trichlorofluoromethane
Concen: 0.241 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49



Tgt Ion:101 Resp: 3946
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2





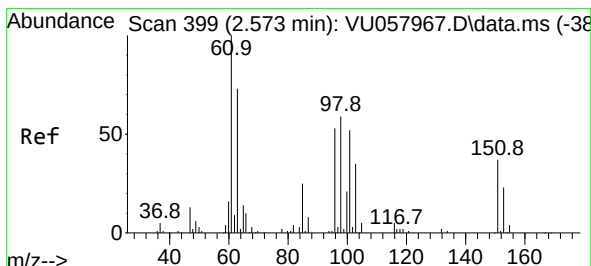
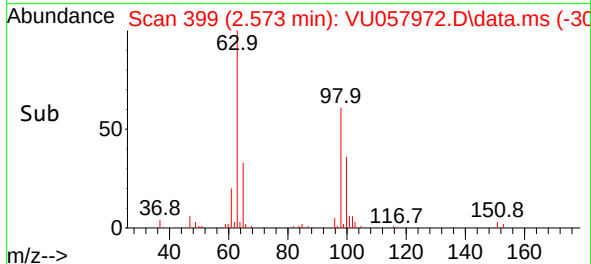
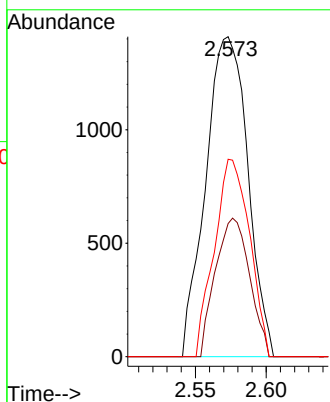
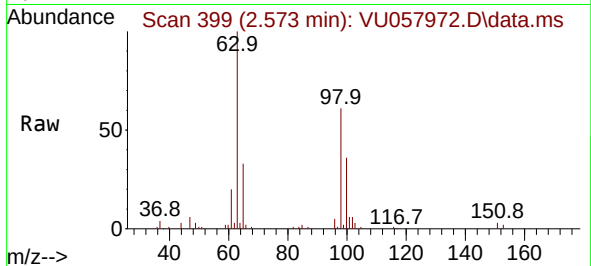
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.284 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:101 Resp: 291
Ion Ratio Lower Upper
101 100
85 35.2 37.3 55.9
151 51.6 56.0 84.0

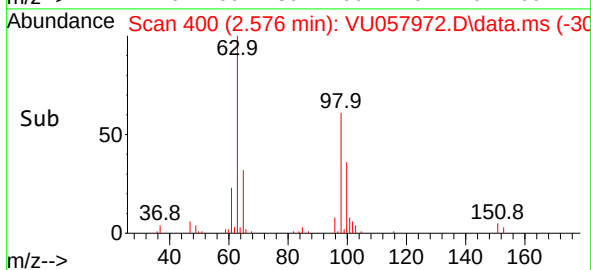
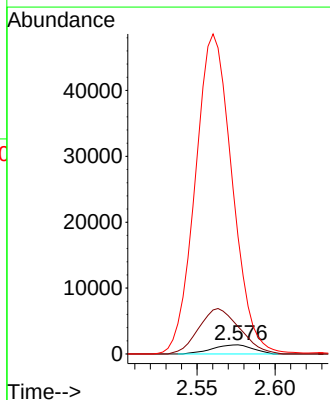
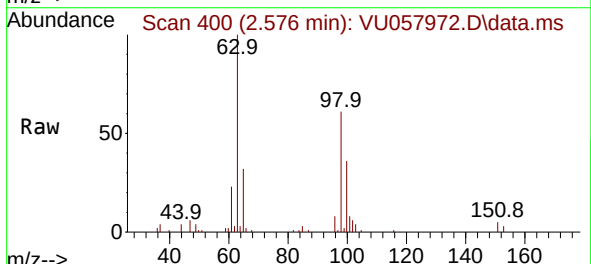
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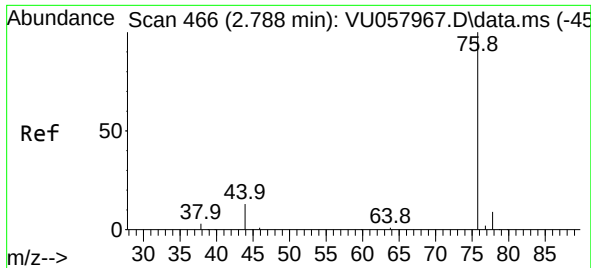
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#12
1,1-Dichloroethene
Concen: 0.273 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion: 96 Resp: 2493
Ion Ratio Lower Upper
96 100
61 301.5 131.8 244.8#
63 1292.0 98.1 182.1#





#14

Carbon disulfide

Concen: 0.255 ug/L

RT: 2.785 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

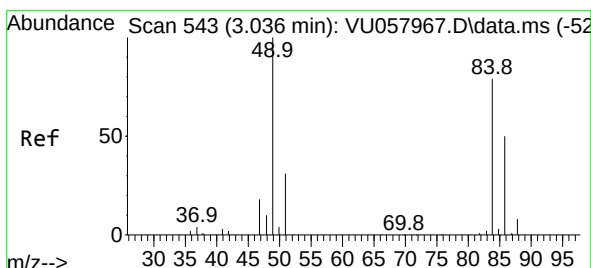
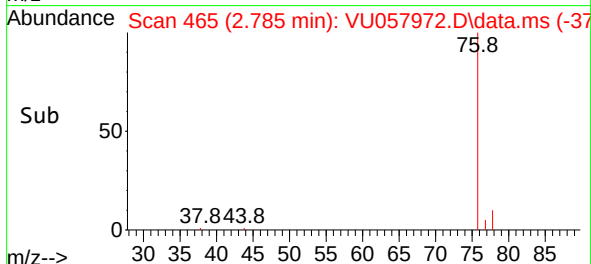
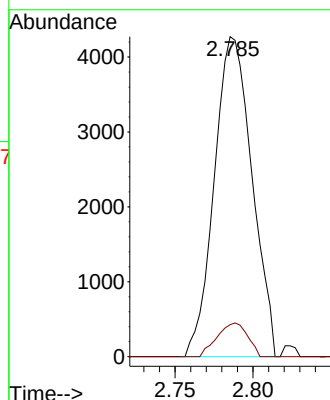
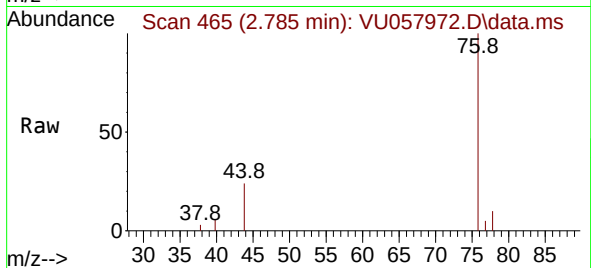
MDL-WATER-QT1-2024-01

Tgt Ion: 76 Resp: 718
 Ion Ratio Lower Upper
 76 100
 78 10.0 7.3 10.9

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#16

Methylene chloride

Concen: 0.497 ug/L

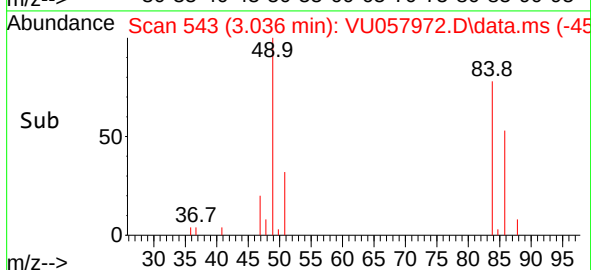
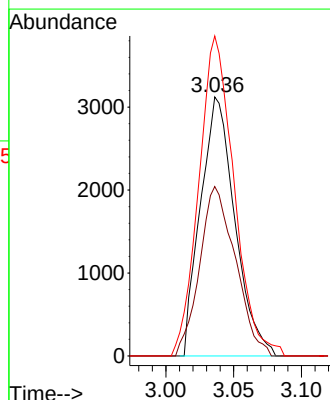
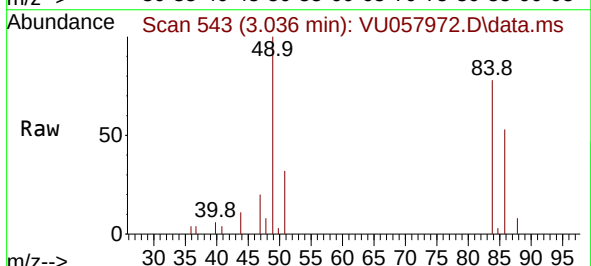
RT: 3.036 min Scan# 543

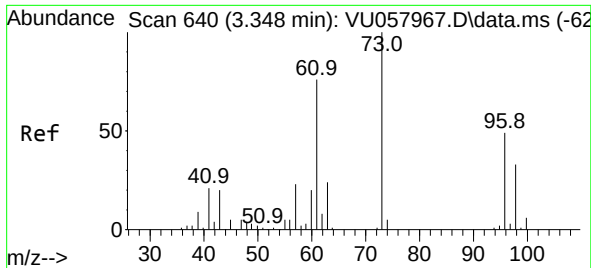
Delta R.T. 0.000 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Tgt Ion: 84 Resp: 5509
 Ion Ratio Lower Upper
 84 100
 86 65.4 44.4 82.4
 49 127.0 88.8 165.0





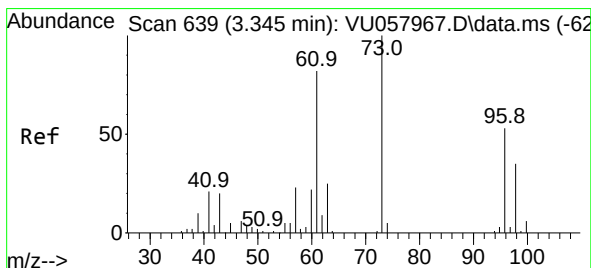
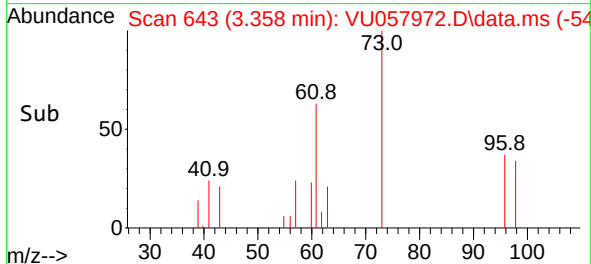
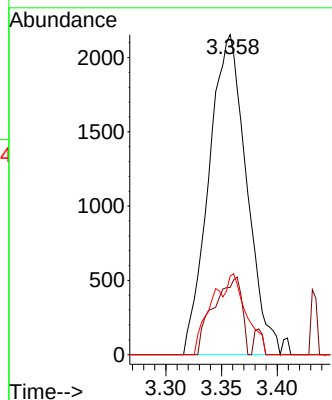
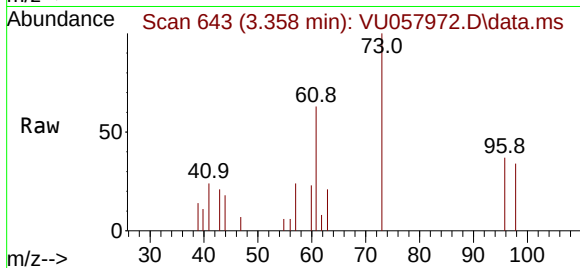
#17
Methyl tert-butyl Ether
Concen: 0.235 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.010 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Instrument :
MSVOA_U
Client Sample Id :
MDL-WATER-QT1-2024-01

Tgt Ion: 73 Resp: 506
Ion Ratio Lower Upper
73 100
43 18.1 16.2 24.4
57 13.5 17.9 26.9

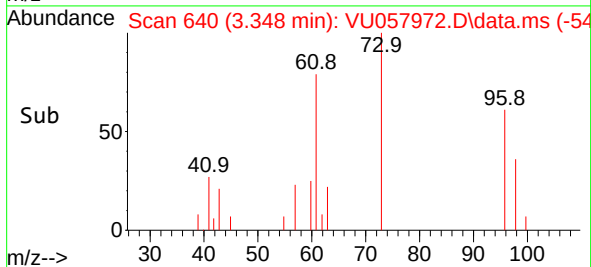
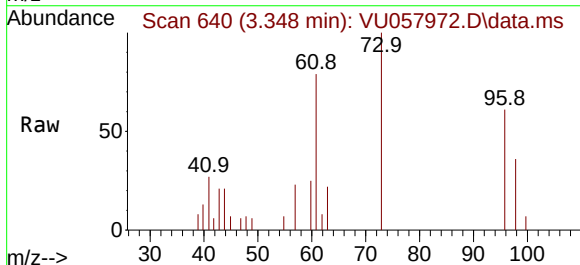
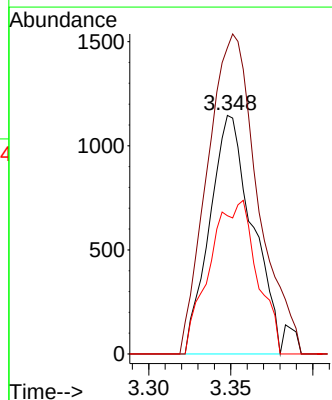
Manual Integrations
APPROVED

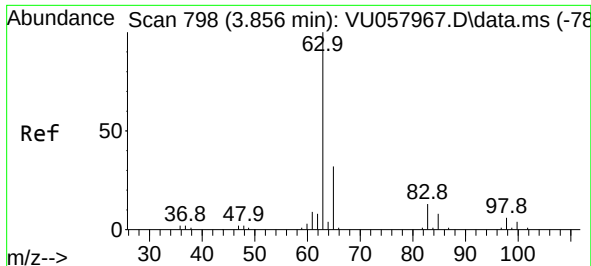
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#18
trans-1,2-Dichloroethene
Concen: 0.209 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion: 96 Resp: 2071
Ion Ratio Lower Upper
96 100
61 128.4 107.7 199.9
98 57.9 45.8 85.0





#19

1,1-Dichloroethane

Concen: 0.237 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.013 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

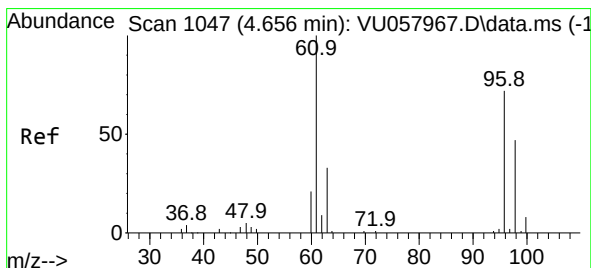
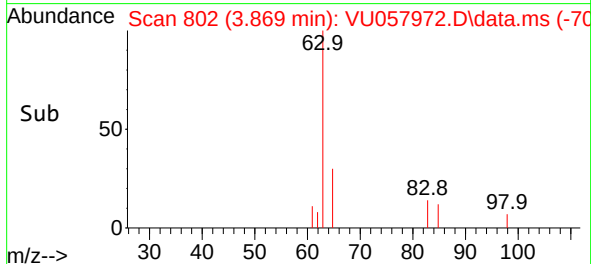
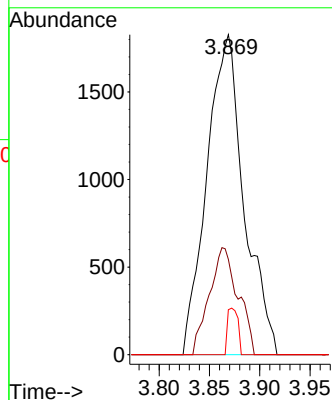
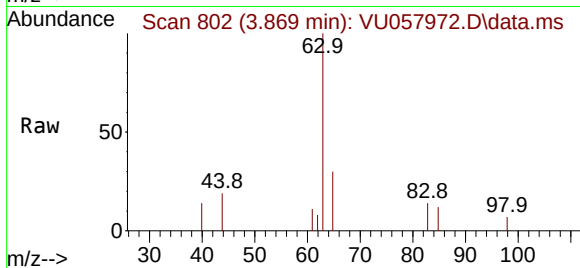
MDL-WATER-QT1-2024-01

Tgt Ion:	63	Resp:	469
Ion Ratio	Lower	Upper	
63	100		
65	29.8	22.1	41.1
83	14.1	9.0	16.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#22

cis-1,2-Dichloroethene

Concen: 0.245 ug/L

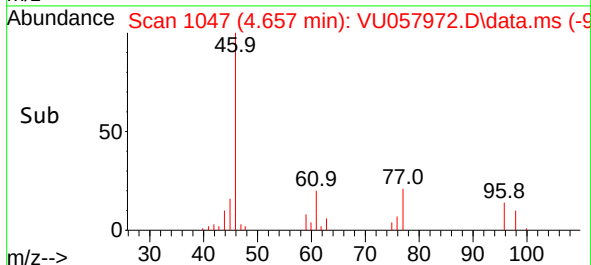
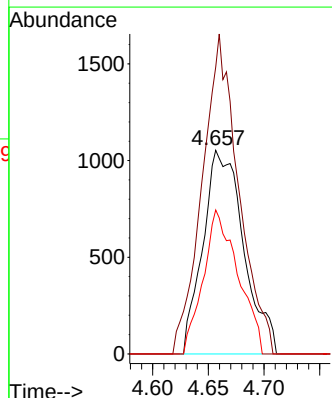
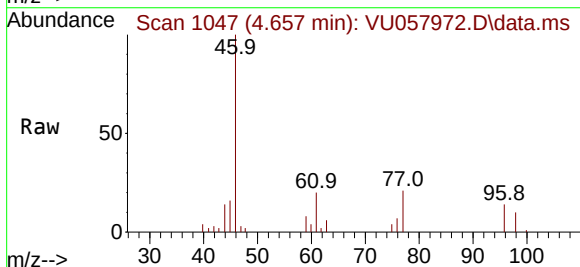
RT: 4.657 min Scan# 1047

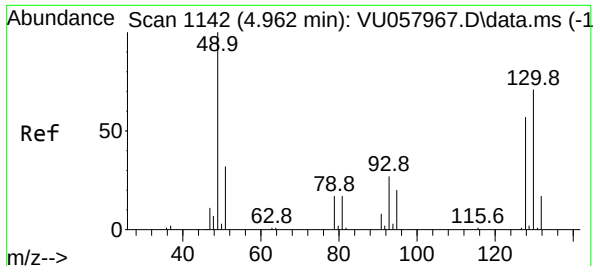
Delta R.T. 0.000 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

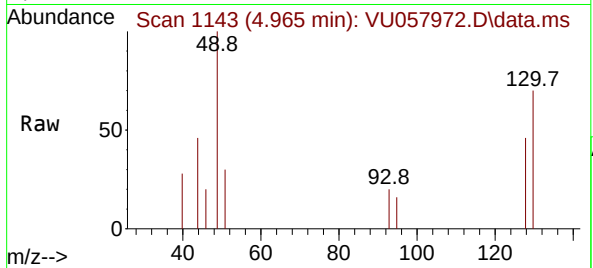
Tgt Ion:	96	Resp:	2681
Ion Ratio	Lower	Upper	
96	100		
61	140.9	97.2	180.4
98	70.8	45.5	84.5





#23
Bromochloromethane
Concen: 0.193 ug/L m
RT: 4.965 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

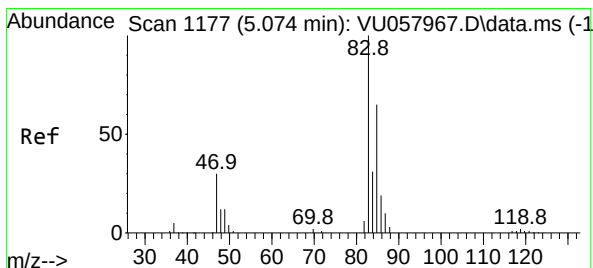
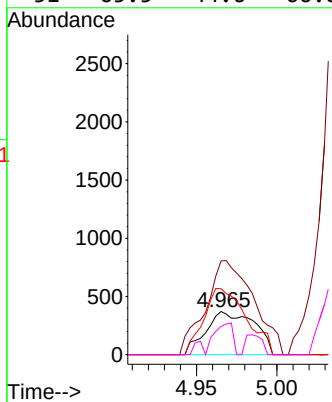
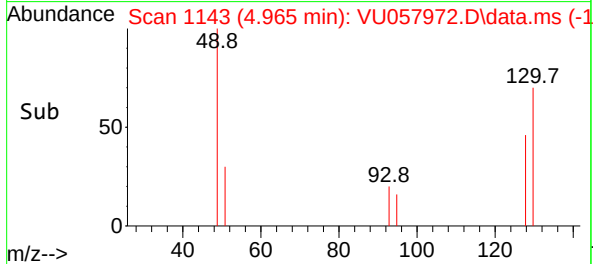
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-01



Tgt Ion:128 Resp: 782
Ion Ratio Lower Upper
128 100
49 217.3 122.0 226.6
130 152.8 86.6 160.8
51 65.5 44.6 66.8

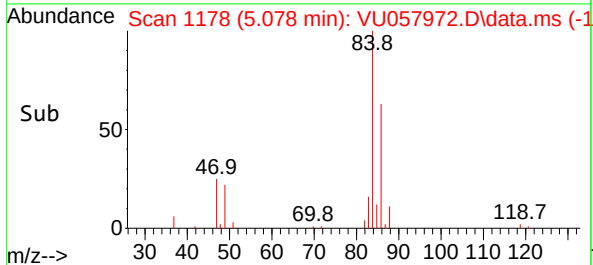
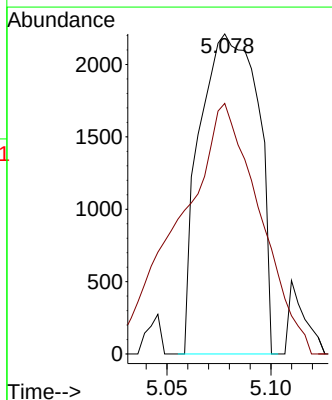
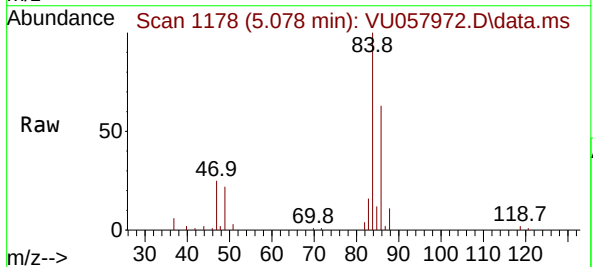
Manual Integrations
APPROVED

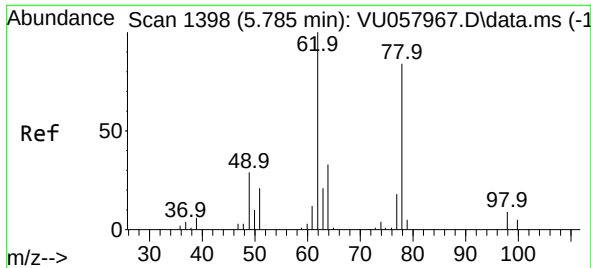
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#25
Chloroform
Concen: 0.212 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion: 83 Resp: 4292
Ion Ratio Lower Upper
83 100
85 78.3 45.4 84.4





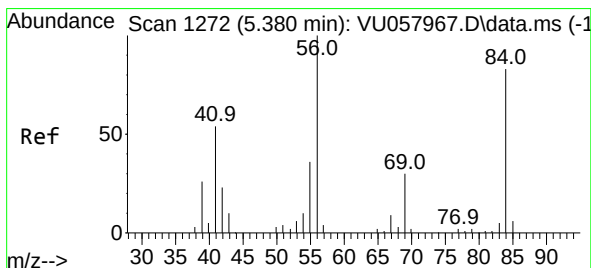
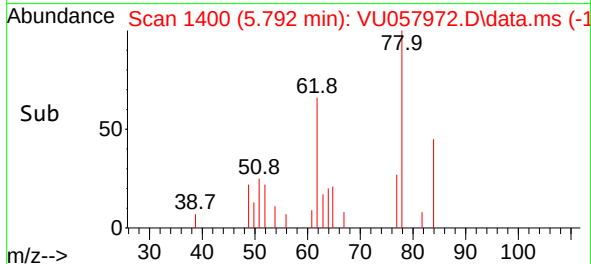
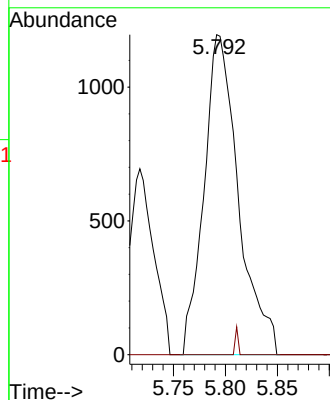
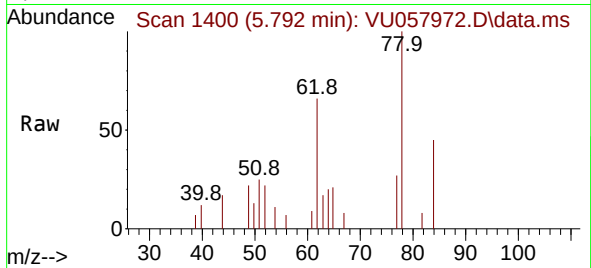
#27
1,2-Dichloroethane
Concen: 0.246 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.007 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-01

Tgt Ion: 62 Resp: 2760
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4

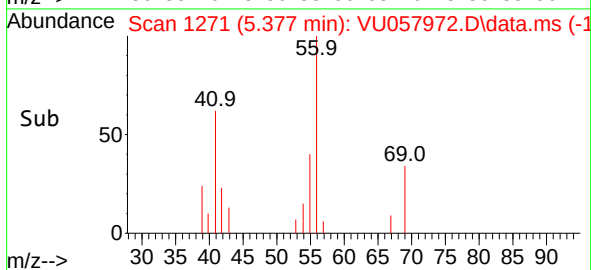
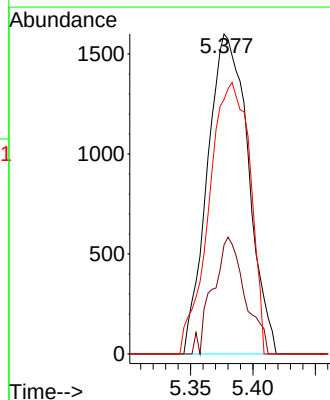
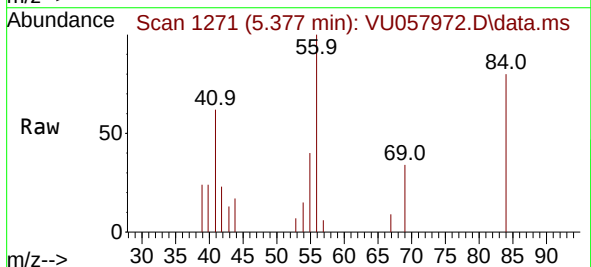
Manual Integrations
APPROVED

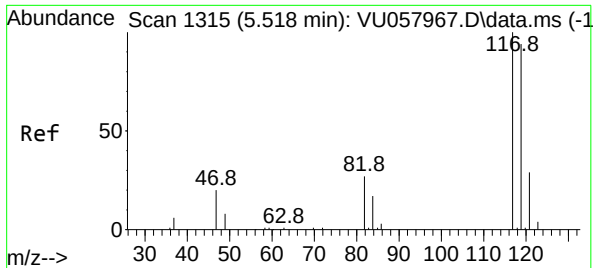
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#30
Cyclohexane
Concen: 0.210 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

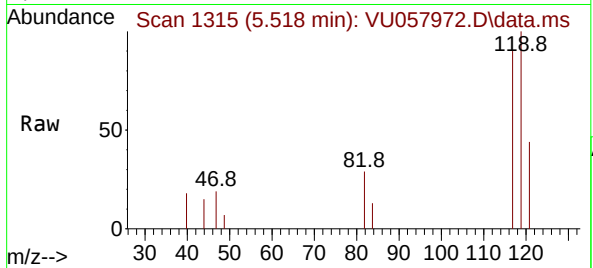
Tgt Ion: 56 Resp: 3642
Ion Ratio Lower Upper
56 100
69 28.9 24.2 36.2
84 85.2 66.6 99.8





#31
Carbon tetrachloride
Concen: 0.211 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

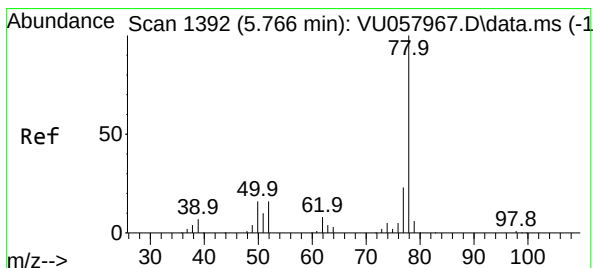
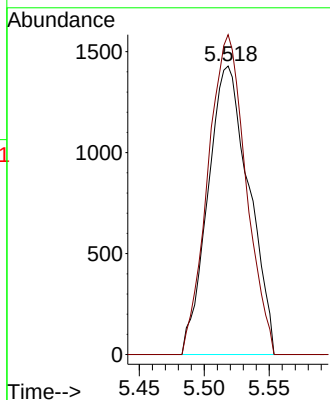
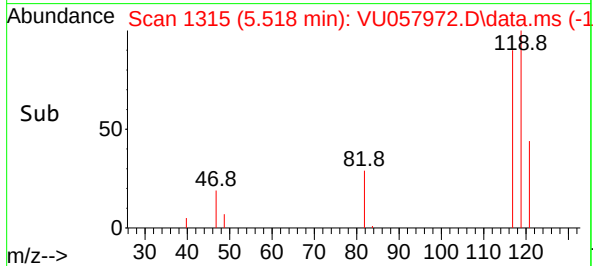
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-01



Tgt Ion:117 Resp: 314
Ion Ratio Lower Upper
117 100
119 102.5 75.8 113.8

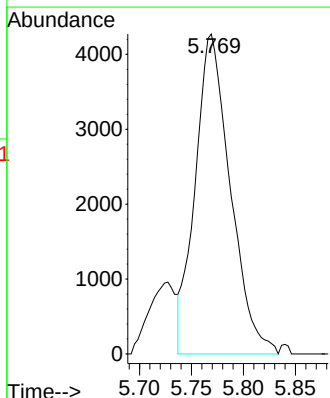
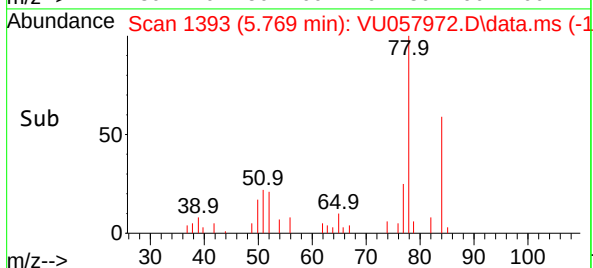
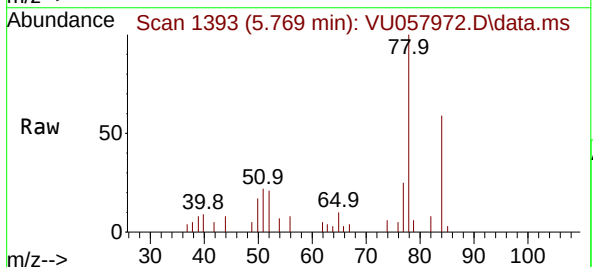
Manual Integrations
APPROVED

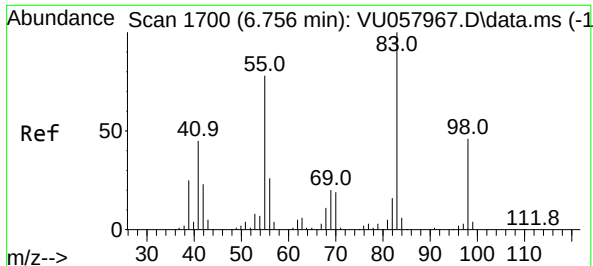
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#33
Benzene
Concen: 0.227 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion: 78 Resp: 10026





#35

Methylcyclohexane

Concen: 0.223 ug/L

RT: 6.759 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

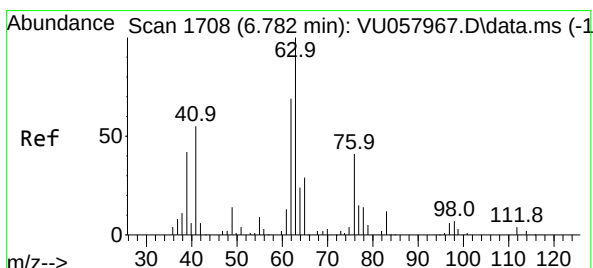
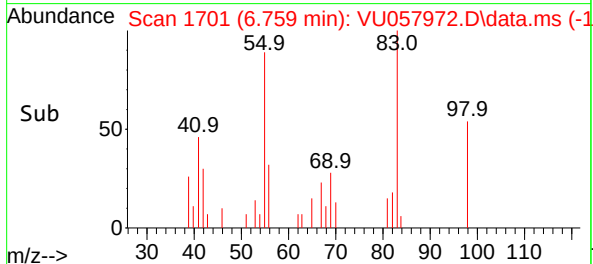
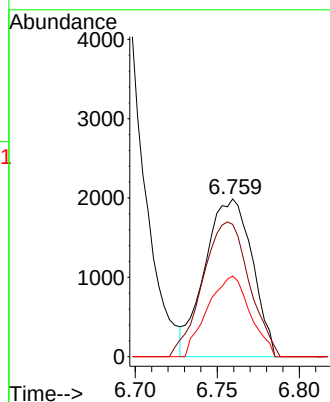
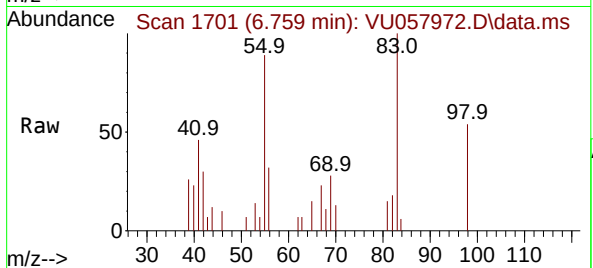
MDL-WATER-QT1-2024-01

Tgt Ion: 83	Resp: 396
Ion Ratio	Lower Upper
83 100	
55 84.6	63.0 94.6
98 46.1	36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#37

1,2-Dichloropropane

Concen: 0.235 ug/L

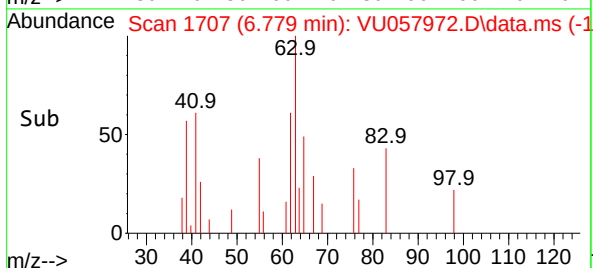
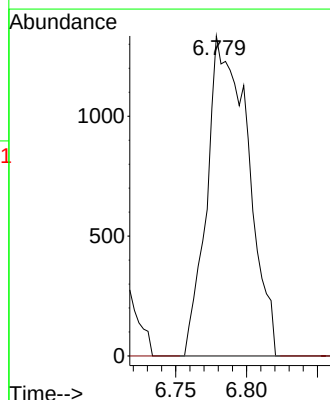
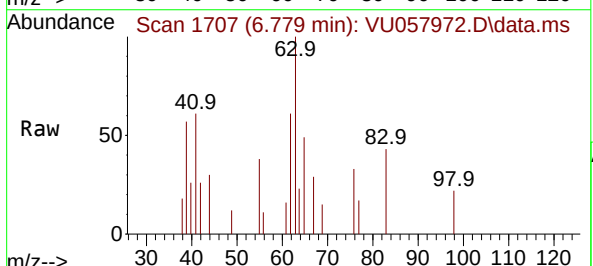
RT: 6.779 min Scan# 1707

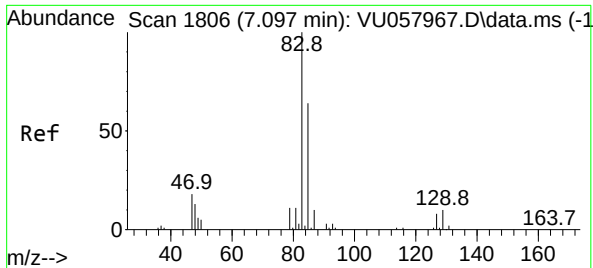
Delta R.T. -0.003 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

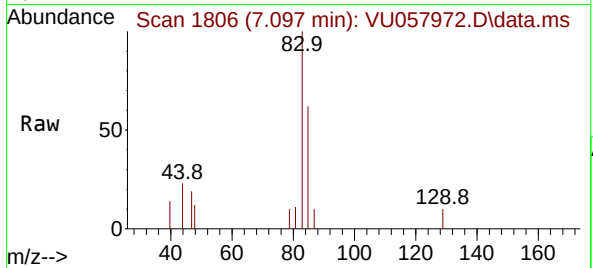
Tgt Ion: 63	Resp: 2682
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#





#38
Bromodichloromethane
Concen: 0.222 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

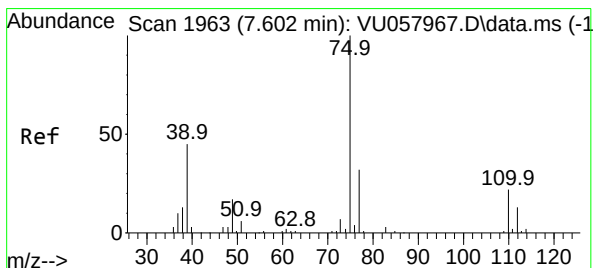
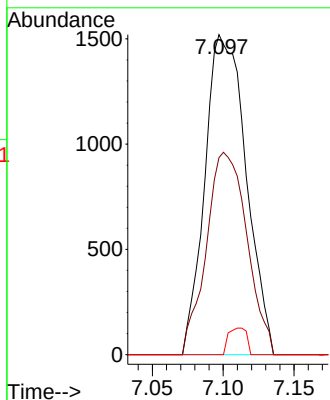
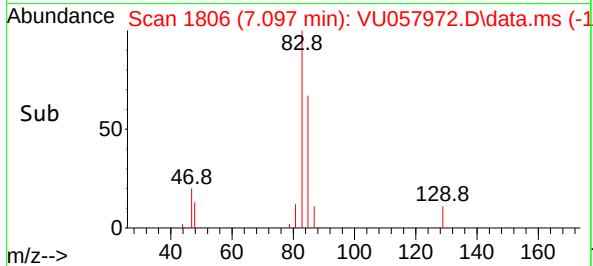
Instrument : MSVOA_U
ClientSampleId : VU057972.D
MDL-WATER-QT1-2024-01



Tgt Ion: 83 Resp: 3070
Ion Ratio Lower Upper
83 100
85 61.6 44.5 82.7
127 0.0 6.6 9.8

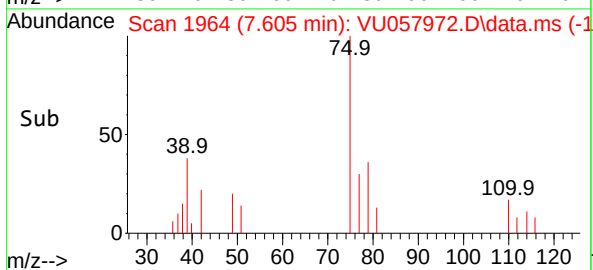
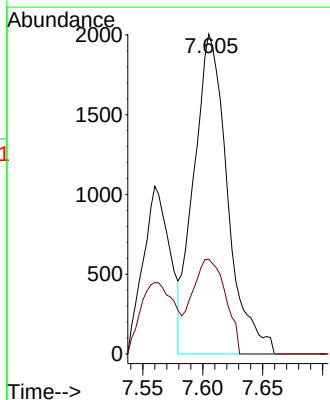
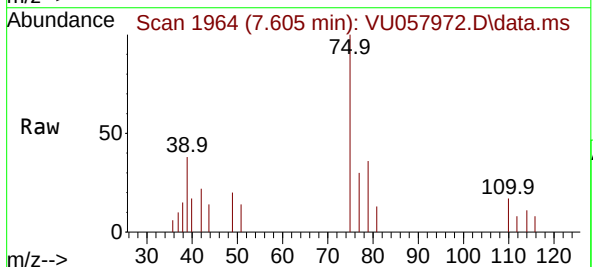
Manual Integrations
APPROVED

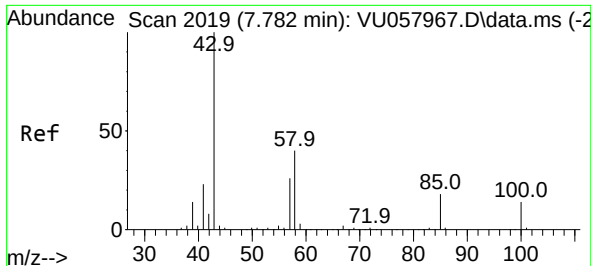
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#39
cis-1,3-Dichloropropene
Concen: 0.249 ug/L
RT: 7.605 min Scan# 1964
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion: 75 Resp: 3914
Ion Ratio Lower Upper
75 100
77 29.6 22.3 41.5





#40

4-Methyl-2-pentanone

Concen: 2.406 ug/L

RT: 7.788 min Scan# 2019

Delta R.T. 0.007 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

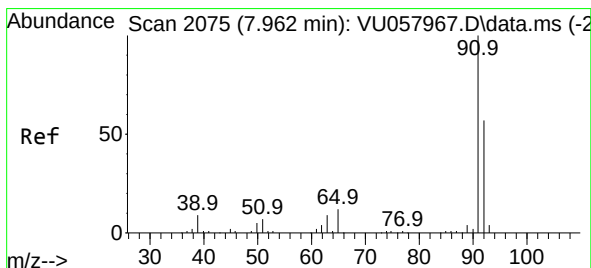
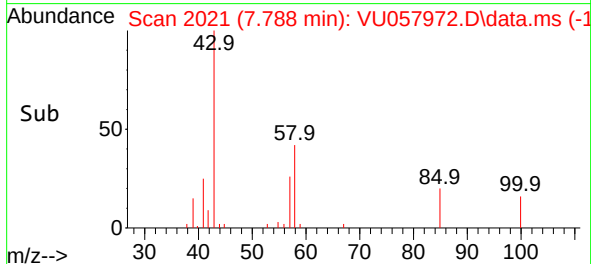
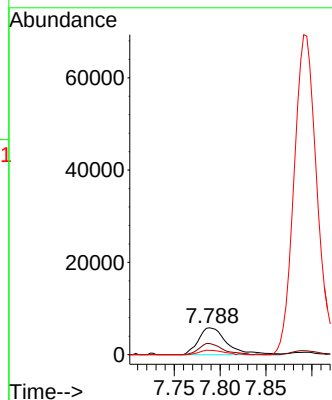
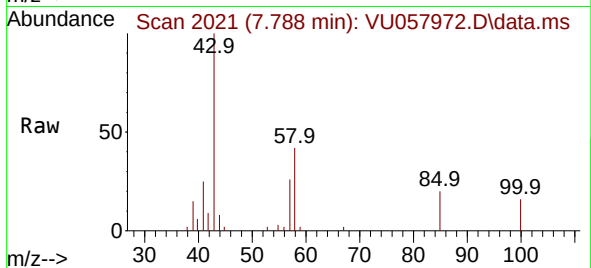
MDL-WATER-QT1-2024-01

Tgt Ion: 43 Resp: 12609
 Ion Ratio Lower Upper
 43 100
 58 34.9 31.7 47.5
 100 0.0 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024



#42

Toluene

Concen: 0.227 ug/L

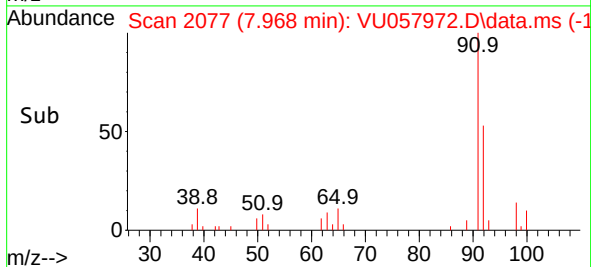
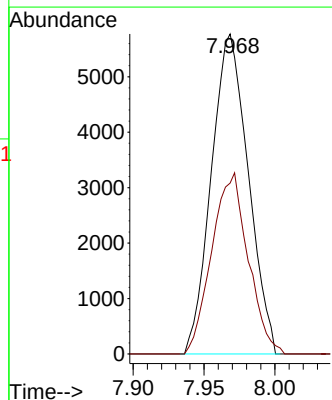
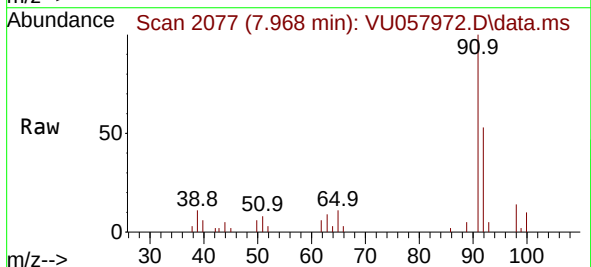
RT: 7.968 min Scan# 2077

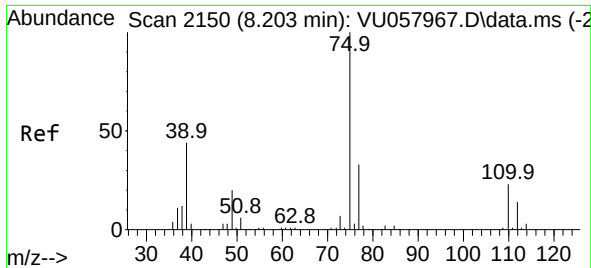
Delta R.T. 0.007 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Tgt Ion: 91 Resp: 10451
 Ion Ratio Lower Upper
 91 100
 92 53.4 40.2 74.6





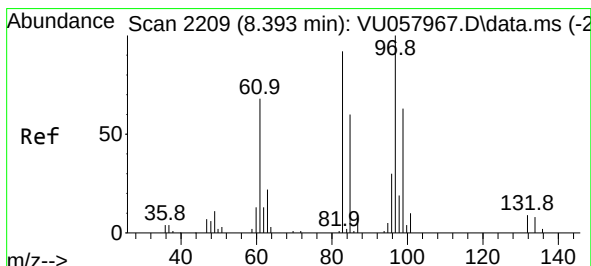
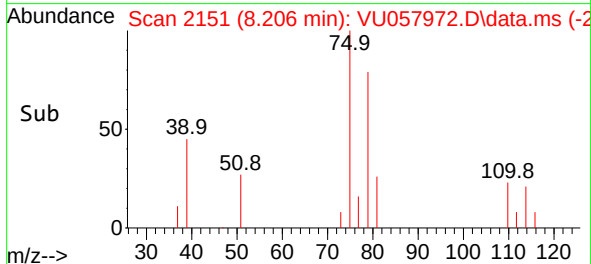
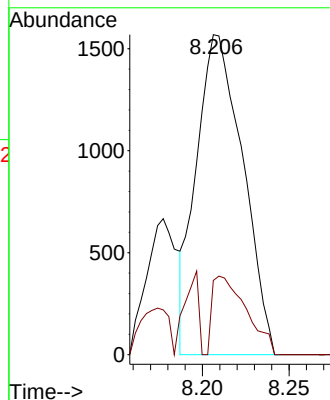
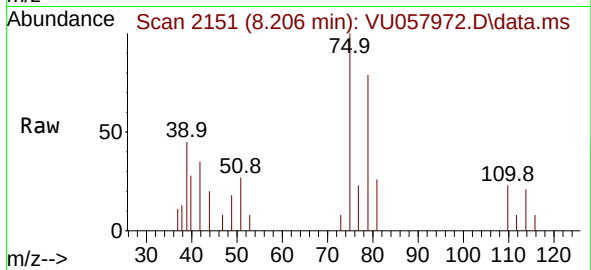
#44
trans-1,3-Dichloropropene
Concen: 0.234 ug/L
RT: 8.206 min Scan# 2150
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-01

Tgt Ion: 75 Resp: 292
Ion Ratio Lower Upper
75 100
77 23.2 23.1 42.9

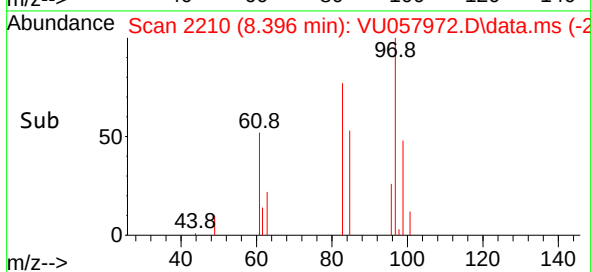
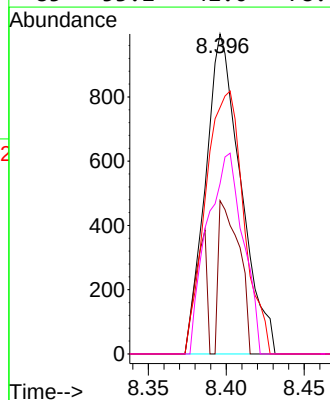
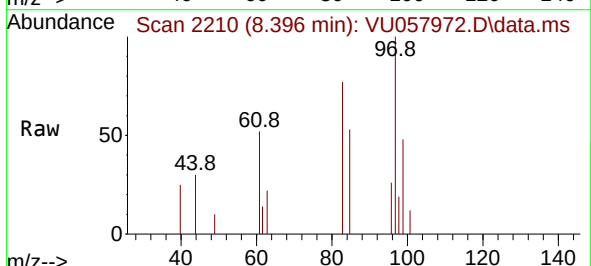
Manual Integrations
APPROVED

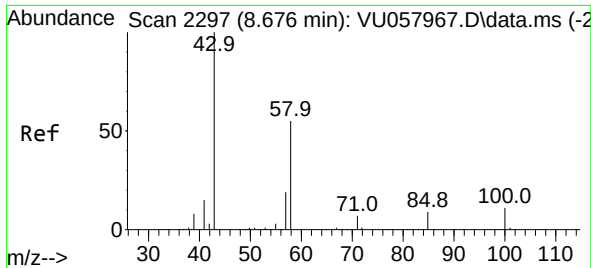
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#45
1,1,2-Trichloroethane
Concen: 0.232 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

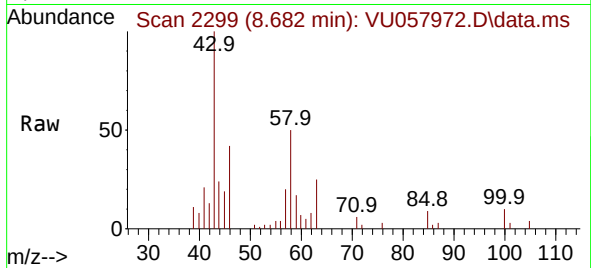
Tgt Ion: 97 Resp: 1567
Ion Ratio Lower Upper
97 100
99 47.9 44.2 82.2
83 77.0 64.2 119.2
85 53.2 42.0 78.0





#48
2-Hexanone
Concen: 3.958 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

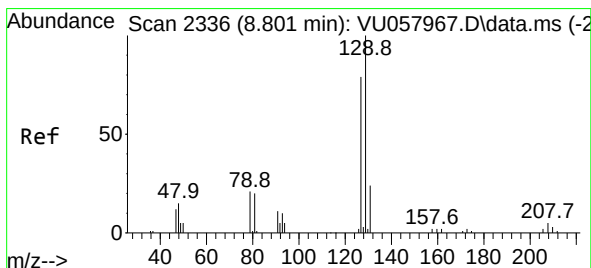
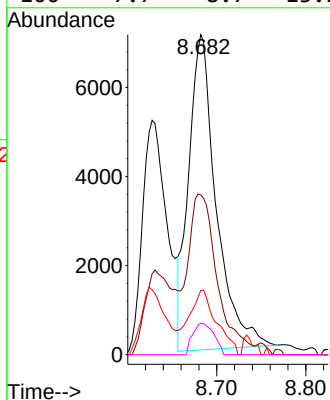
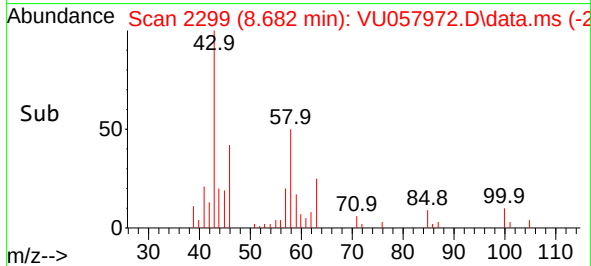
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-01



Tgt Ion: 43 Resp: 15214
Ion Ratio Lower Upper
43 100
58 53.2 43.3 64.9
57 20.6 15.2 22.8
100 7.7 8.7 13.1#

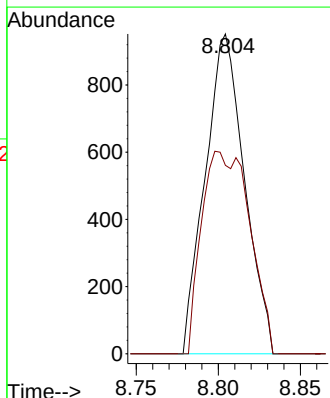
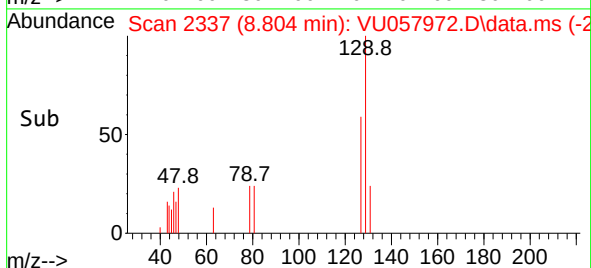
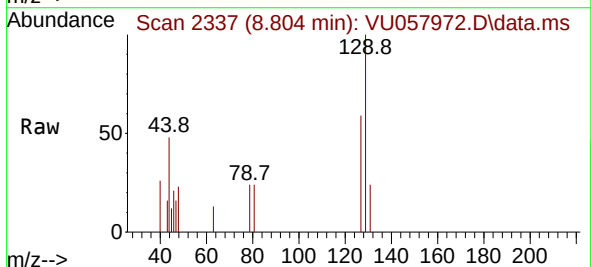
Manual Integrations
APPROVED

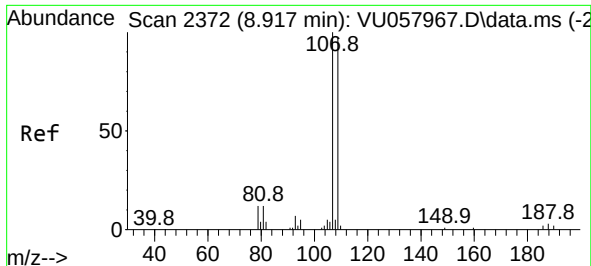
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#49
Dibromochloromethane
Concen: 0.198 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

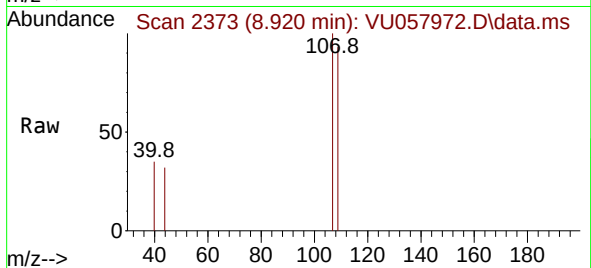
Tgt Ion:129 Resp: 1584
Ion Ratio Lower Upper
129 100
127 58.9 55.2 102.6





#50
1,2-Dibromoethane
Concen: 0.234 ug/L
RT: 8.920 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

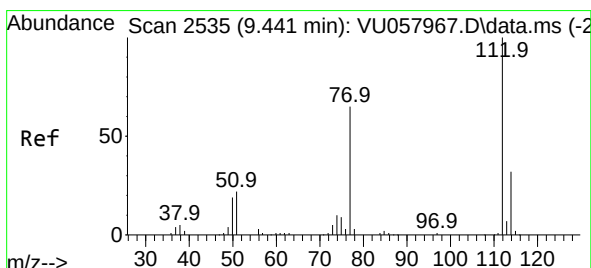
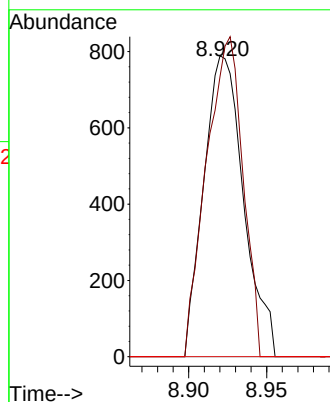
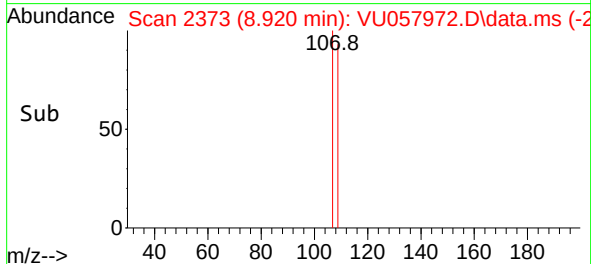
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2024-01



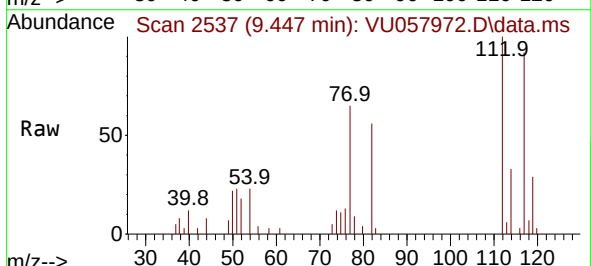
Tgt Ion:107 Resp: 140
Ion Ratio Lower Upper
107 100
109 93.2 67.8 125.8
188 0.0 2.4 3.6

Manual Integrations
APPROVED

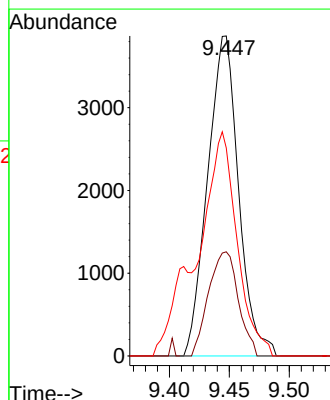
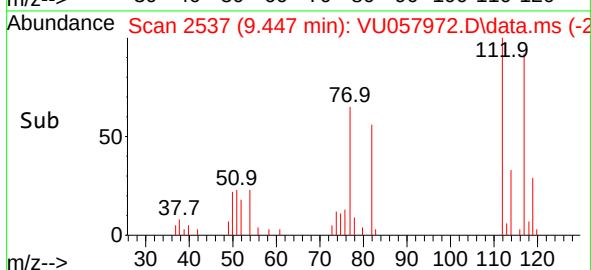
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024

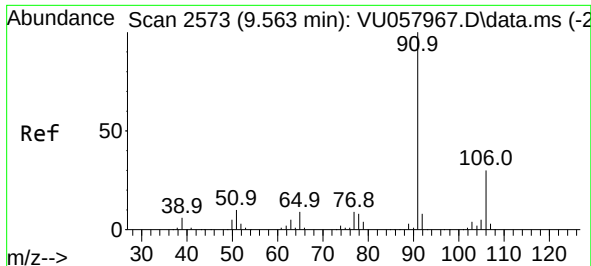


#51
Chlorobenzene
Concen: 0.241 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.007 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49



Tgt Ion:112 Resp: 6946
Ion Ratio Lower Upper
112 100
114 32.6 22.7 42.1
77 65.0 52.3 78.5





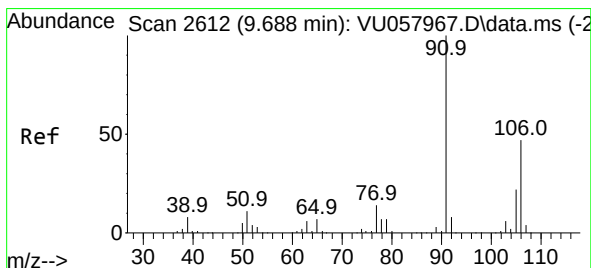
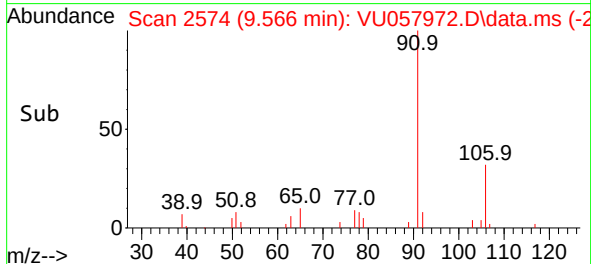
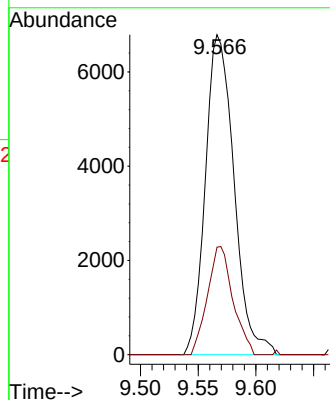
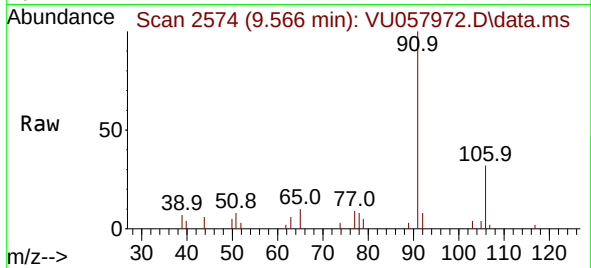
#52
Ethylbenzene
Concen: 0.227 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-01

Tgt Ion: 91 Resp: 11700
Ion Ratio Lower Upper
91 100
106 33.6 20.9 38.7

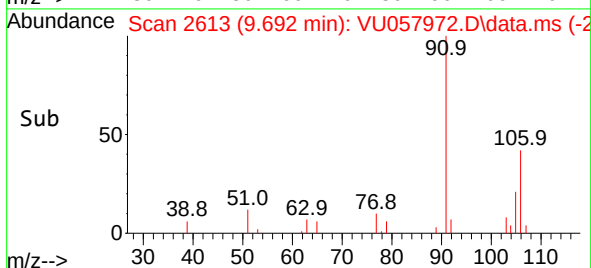
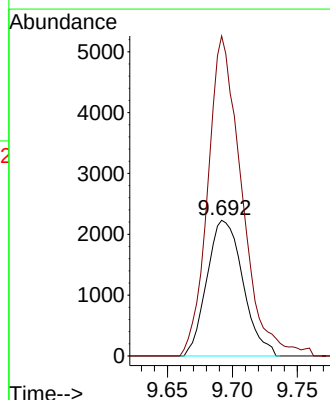
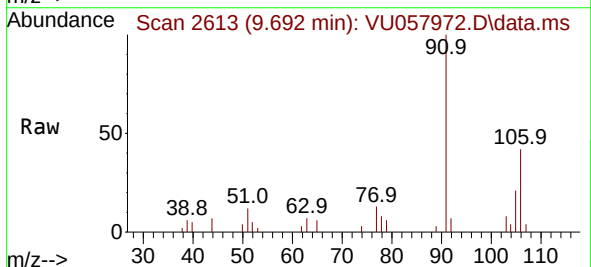
Manual Integrations
APPROVED

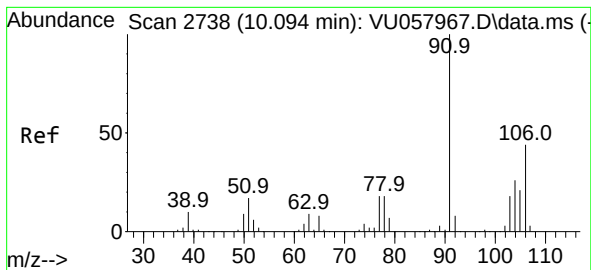
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#53
m,p-Xylene
Concen: 0.234 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion:106 Resp: 4296
Ion Ratio Lower Upper
106 100
91 235.8 148.8 276.4





#54

o-Xylene

Concen: 0.219 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2024-01

Tgt Ion:106 Resp: 4008

Ion Ratio Lower Upper

106 100

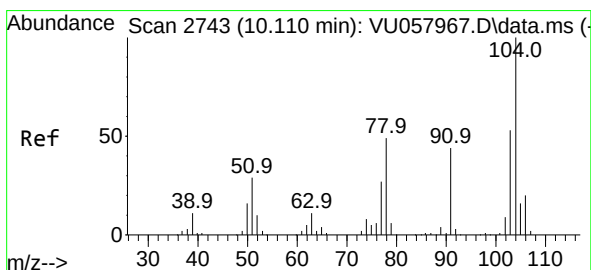
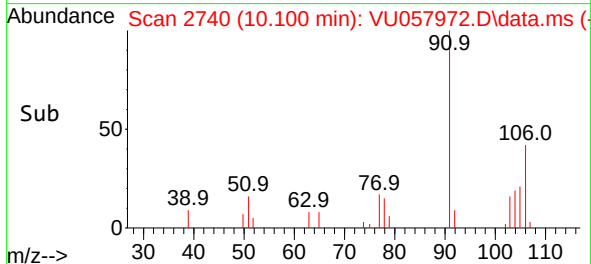
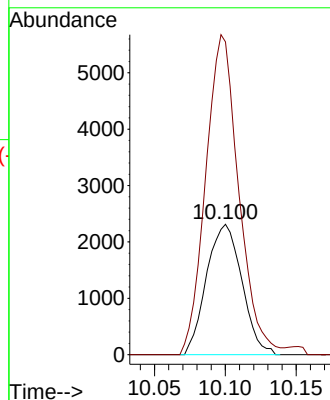
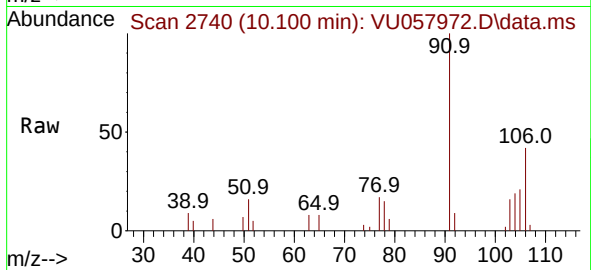
91 239.8 158.3 294.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#55

Styrene

Concen: 0.217 ug/L

RT: 10.116 min Scan# 2745

Delta R.T. 0.007 min

Lab File: VU057972.D

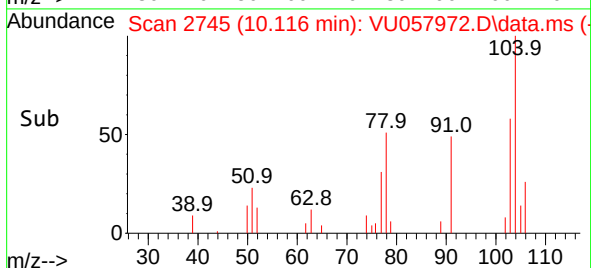
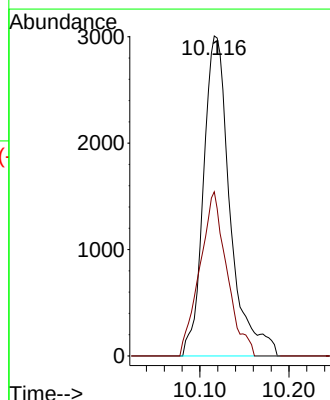
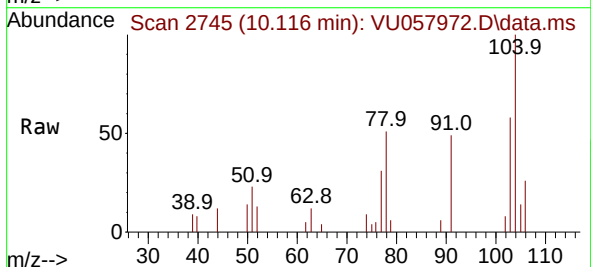
Acq: 29 Feb 2024 13:49

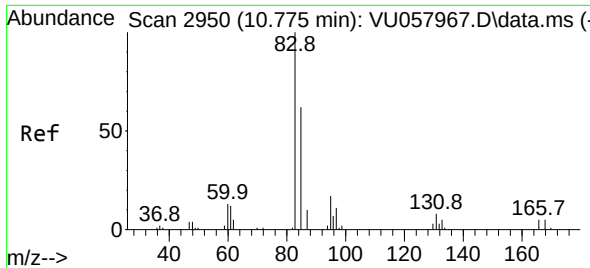
Tgt Ion:104 Resp: 6238

Ion Ratio Lower Upper

104 100

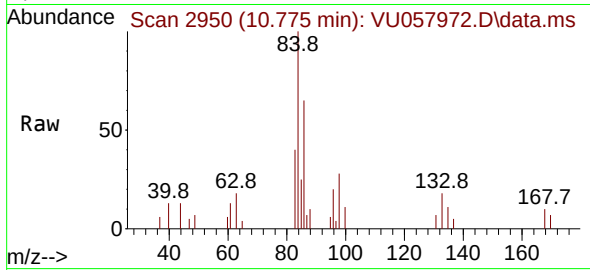
78 57.3 34.2 63.4





#57
1,1,2,2-Tetrachloroethane
Concen: 0.244 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

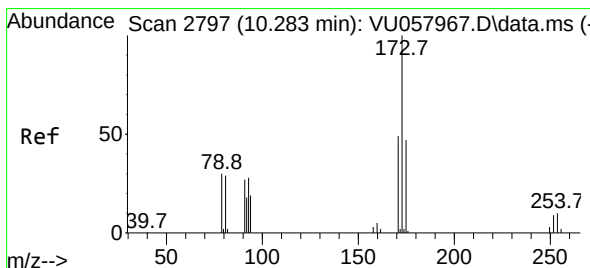
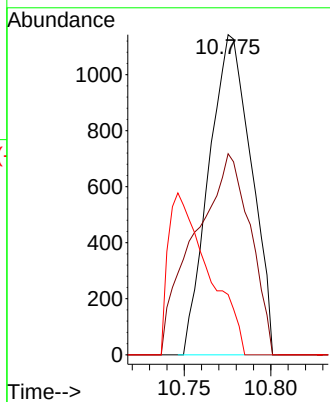
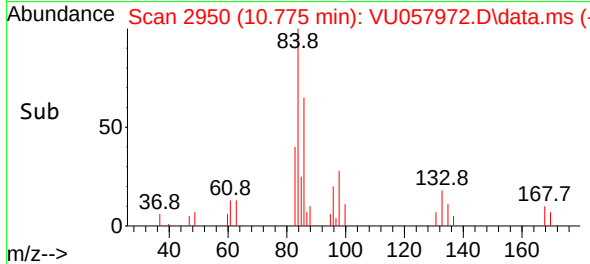
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2024-01



Tgt Ion: 83 Resp: 1942
Ion Ratio Lower Upper
83 100
85 62.8 44.0 81.6
131 18.8 6.9 10.3

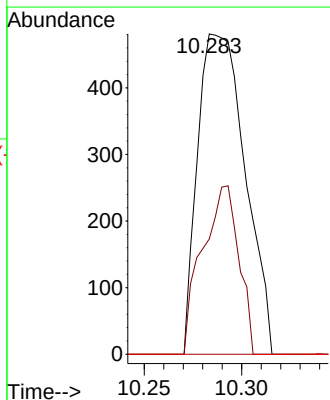
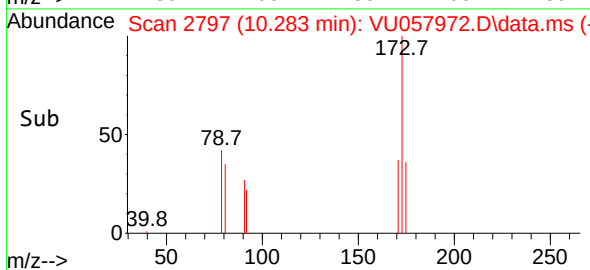
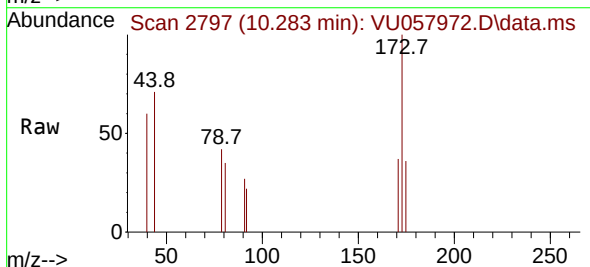
Manual Integrations
APPROVED

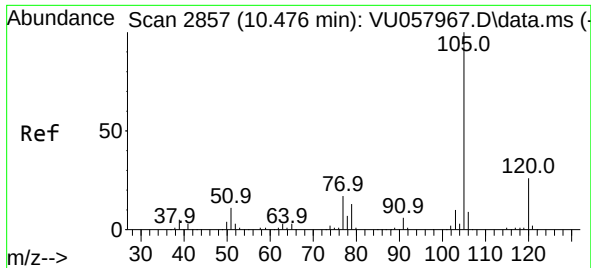
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#59
Bromoform
Concen: 0.215 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion:173 Resp: 814
Ion Ratio Lower Upper
173 100
175 40.5 38.6 57.8
254 0.0 7.3 10.9





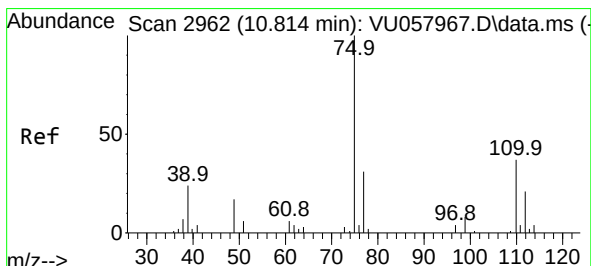
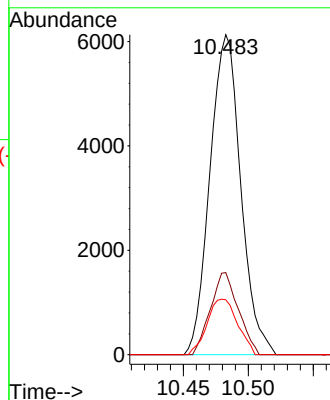
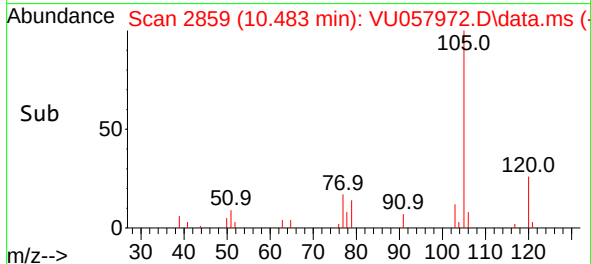
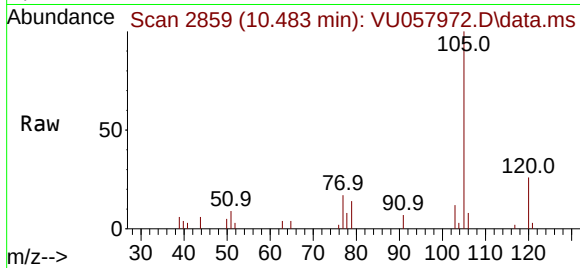
#60
Isopropylbenzene
Concen: 0.224 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.007 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-01

Tgt Ion:	105	Resp:	1010
Ion Ratio	Lower	Upper	
105	100		
120	23.2	20.4	30.6
77	17.1	13.2	19.8

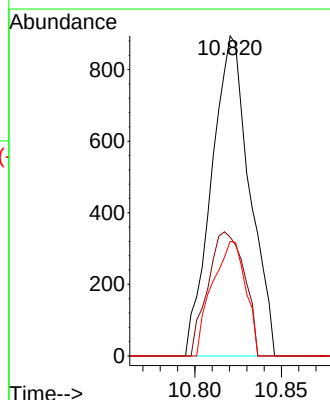
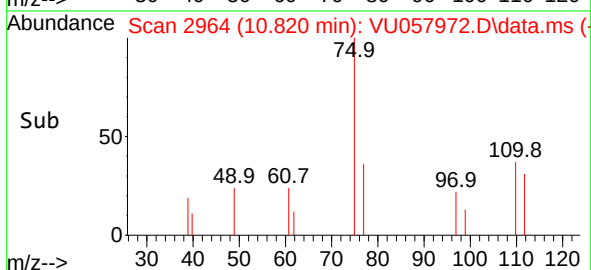
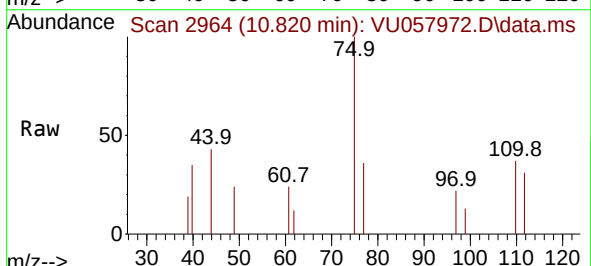
Manual Integrations
APPROVED

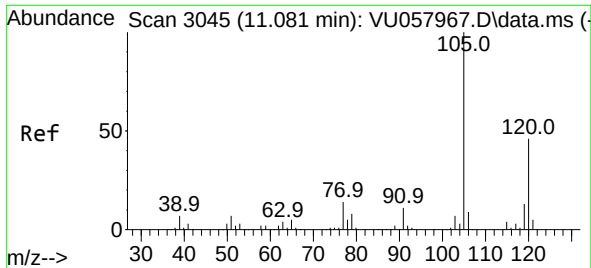
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#61
1,2,3-Trichloropropane
Concen: 0.246 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.007 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion:	75	Resp:	1366
Ion Ratio	Lower	Upper	
75	100		
110	37.2	28.0	42.0
77	31.2	24.7	37.1





#62

1,3,5-Trimethylbenzene

Concen: 0.214 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2024-01

Tgt Ion:105 Resp: 814

Ion Ratio Lower Upper

105 100

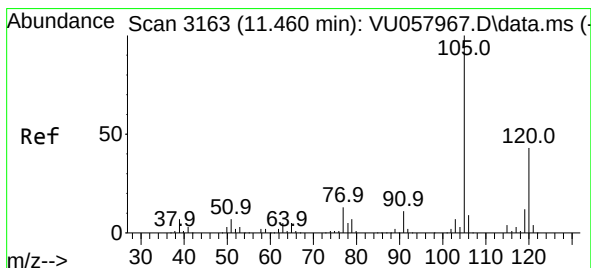
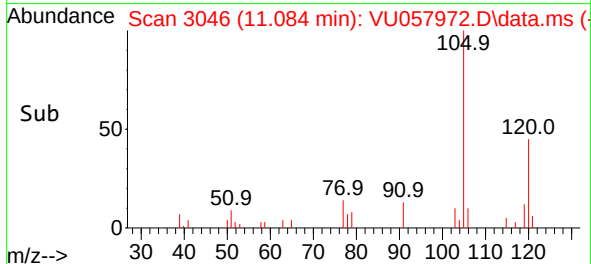
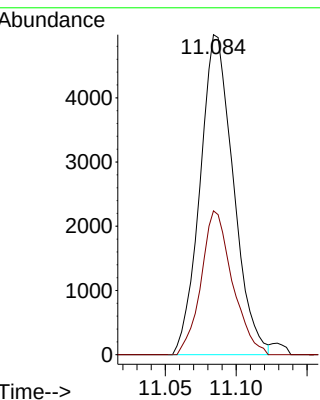
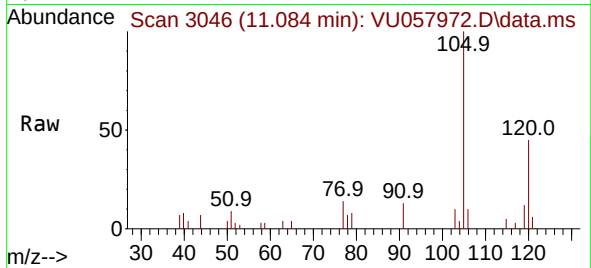
120 42.1 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/01/2024

Supervised By :Semsettin Yesilyurt 03/01/2024



#63

1,2,4-Trimethylbenzene

Concen: 0.213 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.007 min

Lab File: VU057972.D

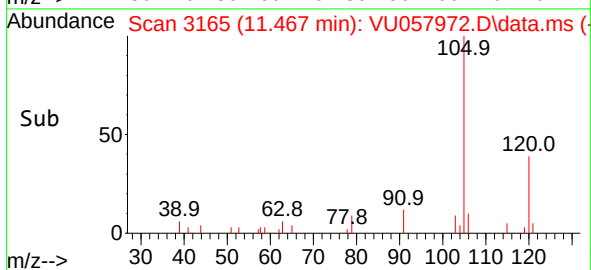
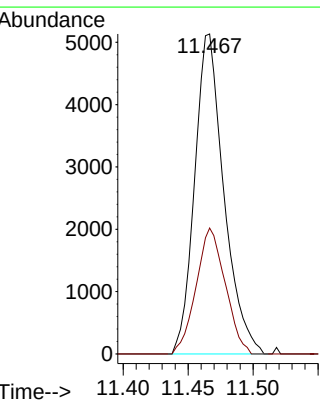
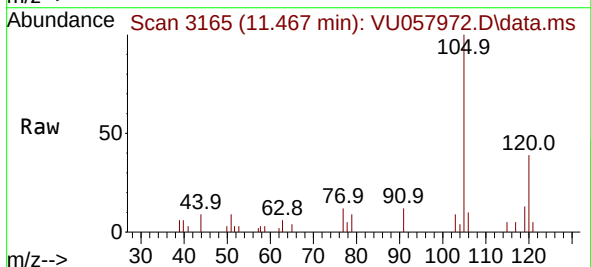
Acq: 29 Feb 2024 13:49

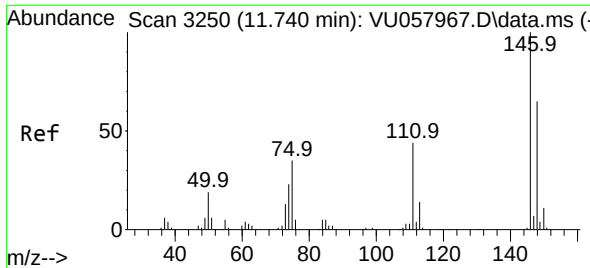
Tgt Ion:105 Resp: 8032

Ion Ratio Lower Upper

105 100

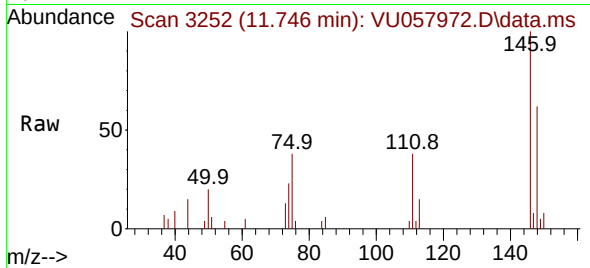
120 39.1 34.8 52.2





#64
1,3-Dichlorobenzene
Concen: 0.254 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

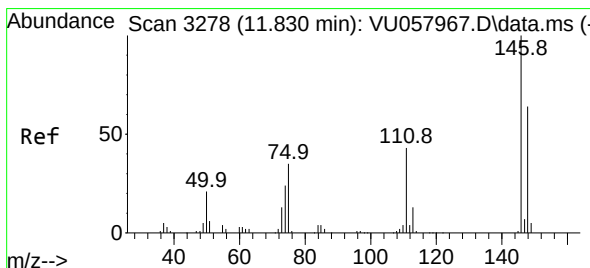
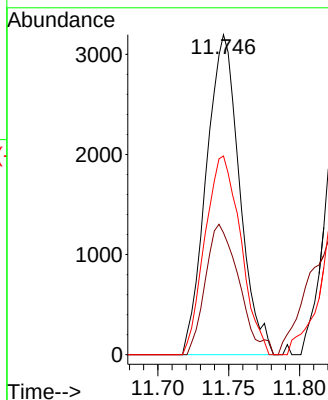
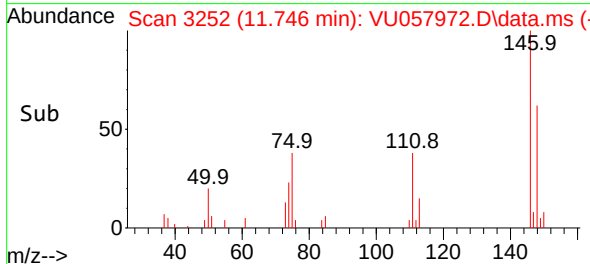
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-01



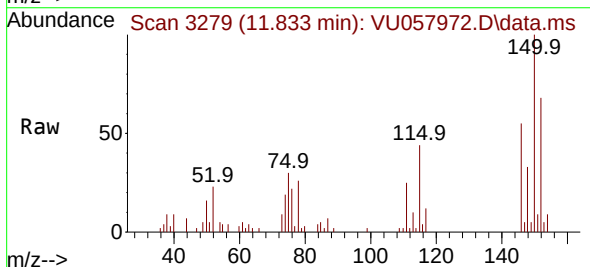
Tgt Ion:146 Resp: 5210
Ion Ratio Lower Upper
146 100
111 38.1 30.9 57.5
148 62.1 45.4 84.4

Manual Integrations
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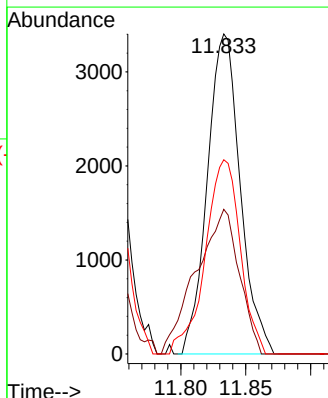
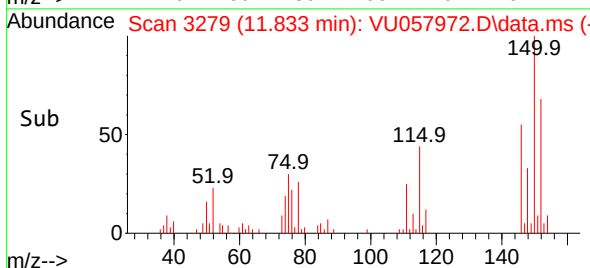
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024

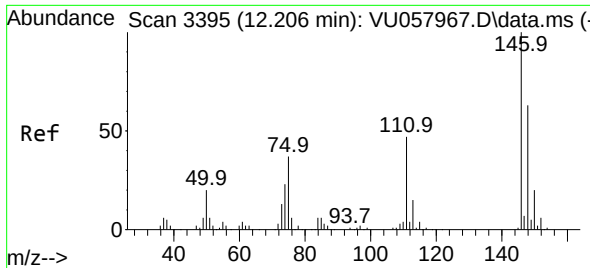


#65
1,4-Dichlorobenzene
Concen: 0.298 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49



Tgt Ion:146 Resp: 5989
Ion Ratio Lower Upper
146 100
111 45.2 30.1 55.9
148 60.7 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 0.273 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

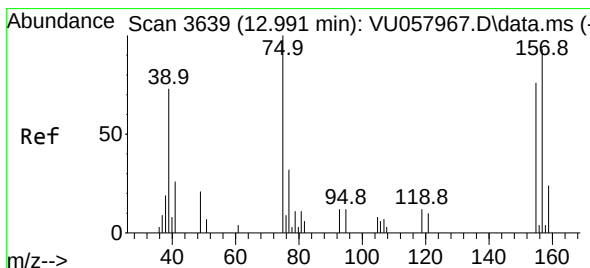
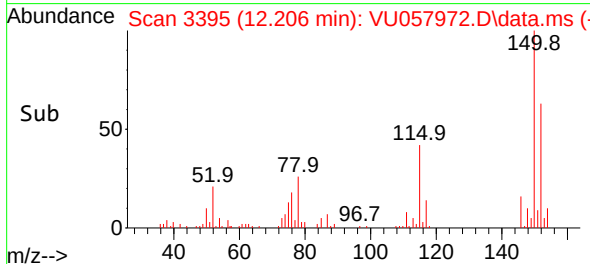
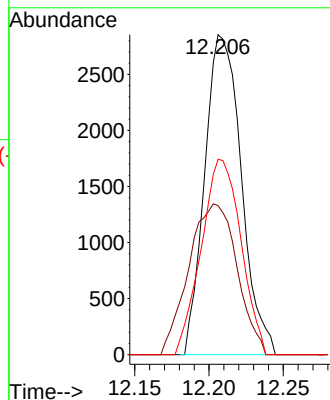
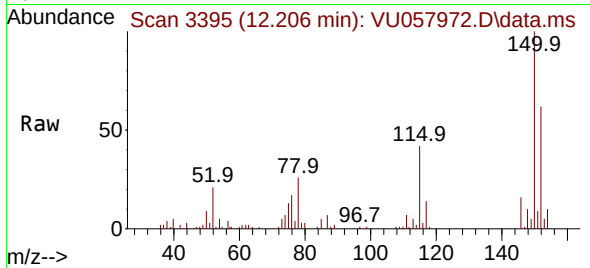
MDL-WATER-QT1-2024-01

Tgt Ion:	146	Resp:	488
Ion	Ratio	Lower	Upper
146	100		
111	50.6	37.4	56.0
148	61.0	50.8	76.2

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Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 0.186 ug/L

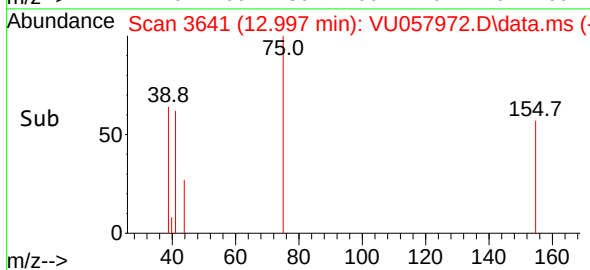
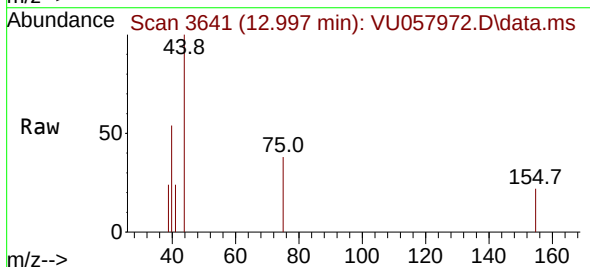
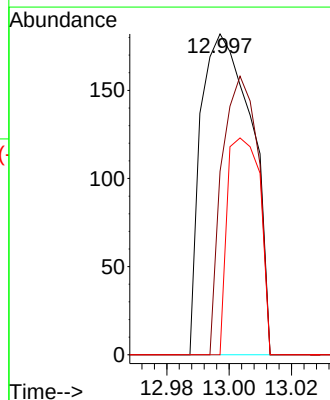
RT: 12.997 min Scan# 3641

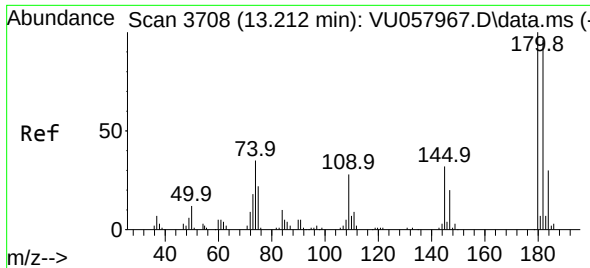
Delta R.T. 0.007 min

Lab File: VU057972.D

Acq: 29 Feb 2024 13:49

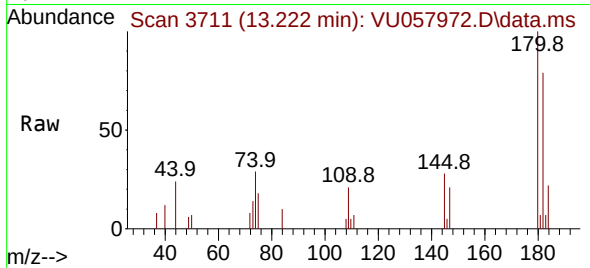
Tgt Ion:	75	Resp:	205
Ion	Ratio	Lower	Upper
75	100		
155	57.1	61.0	91.6#
157	0.0	74.6	112.0#





#69
1,3,5-Trichlorobenzene
Concen: 0.276 ug/L
RT: 13.222 min Scan# 3708
Delta R.T. 0.010 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

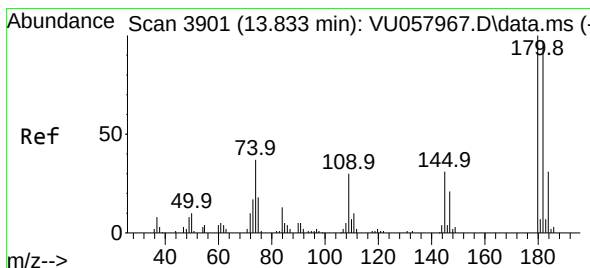
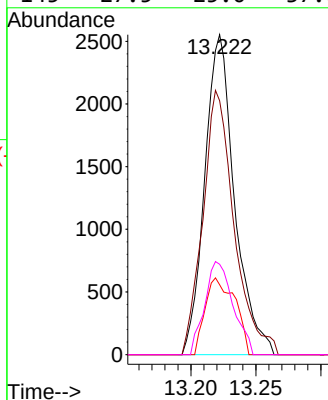
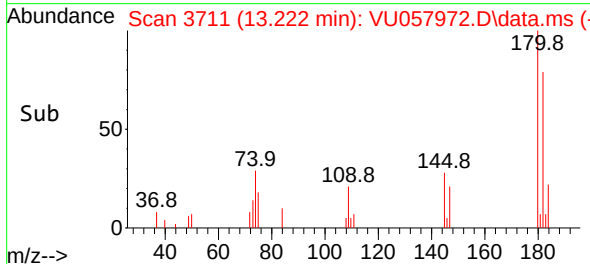
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-01



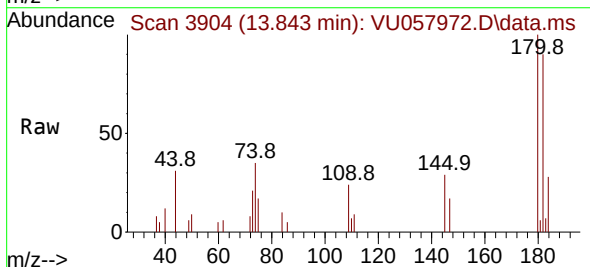
Tgt Ion:180 Resp: 4080
Ion Ratio Lower Upper
180 100
182 86.5 76.3 114.5
184 24.0 24.6 36.8
145 27.5 25.0 37.6

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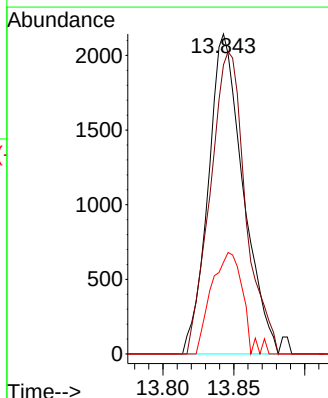
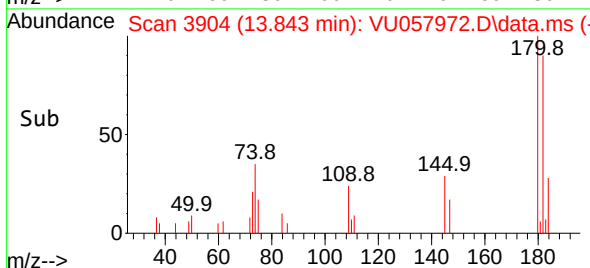
Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024

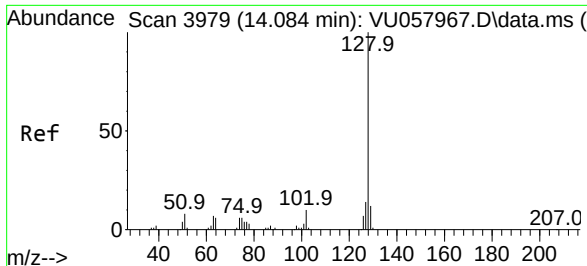


#70
1,2,4-trichlorobenzene
Concen: 0.330 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49



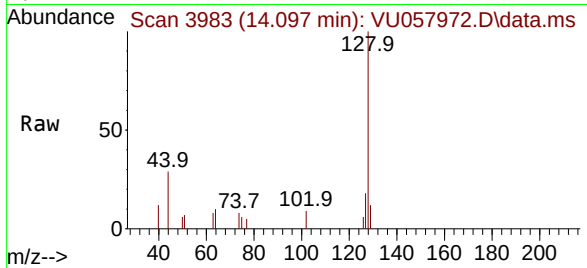
Tgt Ion:180 Resp: 3666
Ion Ratio Lower Upper
180 100
182 95.6 77.9 116.9
145 28.6 25.8 38.8





#71
Naphthalene
Concen: 0.373 ug/L
RT: 14.097 min Scan# 3979
Delta R.T. 0.013 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

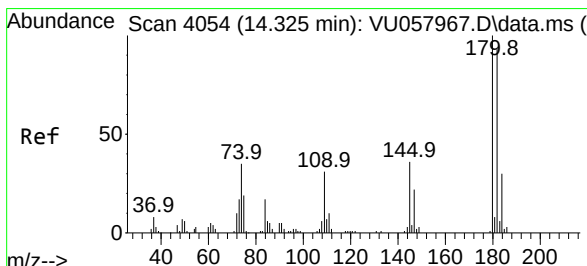
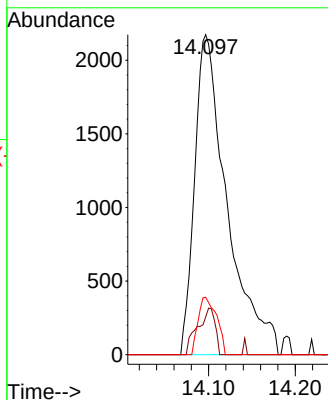
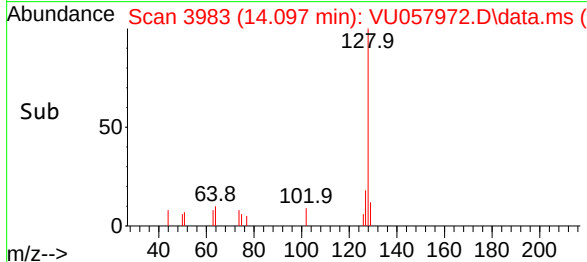
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-01



Tgt Ion:128 Resp: 5658
Ion Ratio Lower Upper
128 100
129 7.8 9.0 13.6
127 10.2 10.6 16.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024



#72
1,2,3-Trichlorobenzene
Concen: 0.337 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.007 min
Lab File: VU057972.D
Acq: 29 Feb 2024 13:49

Tgt Ion:180 Resp: 2959
Ion Ratio Lower Upper
180 100
182 98.7 77.6 116.4
145 38.4 28.7 43.1

