

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030124\
 Data File : VU057979.D
 Acq On : 01 Mar 2024 15:38
 Operator : MD/SY
 Sample : P1601-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2024-02

Quant Time: Mar 01 22:49:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 22:42:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024
 Supervised By :Semsettin Yesilyurt 03/05/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146748	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	139850	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65157	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49613	4.699	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.907	69	41296	4.759	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.560	65	22071	4.831	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.600%	
20) 2-Butanone-d5	4.612	46	87477	50.284	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.560%	
24) Chloroform-d	5.055	84	96472	4.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.695	65	46716	5.163	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.721	84	195107	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	6.682	67	60869	4.913	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.894	98	172754	4.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	8.177	79	20530	4.819	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.400%	
46) 2-Hexanone-d5	8.627	63	70634	49.378	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.760%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	37139	4.888	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	54837	5.110	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	2219	0.250	ug/L	91
3) Chloromethane	1.515	50	2812	0.270	ug/L	100
5) Vinyl chloride	1.602	62	3098	0.277	ug/L #	79
6) Bromomethane	1.853	94	1442	0.245	ug/L	96
8) Chloroethane	1.927	64	1758	0.250	ug/L	99
9) Trichlorofluoromethane	2.133	101	4440	0.279	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	3059	0.307	ug/L #	84
12) 1,1-Dichloroethene	2.576	96	2705	0.306	ug/L #	1
14) Carbon disulfide	2.788	76	6995	0.255	ug/L	95
15) Methyl Acetate	2.969	43	680m	0.237	ug/L	
16) Methylene chloride	3.039	84	3850	0.358	ug/L #	79
17) Methyl tert-butyl Ether	3.358	73	5062	0.242	ug/L #	83
18) trans-1,2-Dichloroethene	3.351	96	2276	0.236	ug/L	95
19) 1,1-Dichloroethane	3.862	63	5051	0.263	ug/L	95
21) 2-Butanone	4.721	43	5189m	2.544	ug/L	
22) cis-1,2-Dichloroethene	4.660	96	2715	0.256	ug/L	92
23) Bromochloromethane	4.972	128	946	0.240	ug/L #	86
25) Chloroform	5.078	83	7442	0.379	ug/L	96
27) 1,2-Dichloroethane	5.795	62	2948	0.271	ug/L	96

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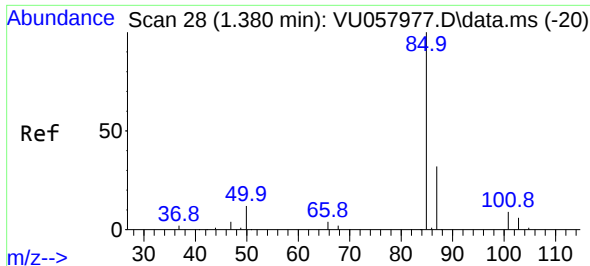
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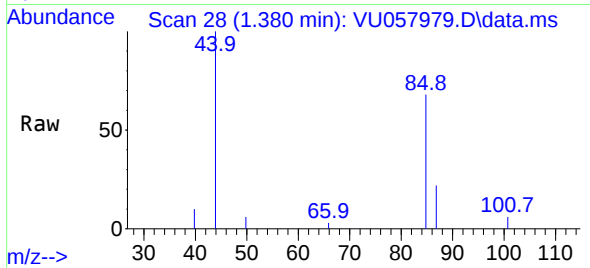
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.380	56	4125	0.245	ug/L	97
31) Carbon tetrachloride	5.518	117	3569	0.247	ug/L	99
33) Benzene	5.769	78	10798	0.252	ug/L	100
35) Methylcyclohexane	6.759	83	4256	0.246	ug/L	96
37) 1,2-Dichloropropane	6.788	63	2576	0.233	ug/L #	91
38) Bromodichloromethane	7.103	83	3405	0.254	ug/L #	92
39) cis-1,3-Dichloropropene	7.608	75	3482	0.228	ug/L	90
40) 4-Methyl-2-pentanone	7.788	43	11289	2.218	ug/L #	90
42) Toluene	7.968	91	12507	0.280	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	2950m	0.243	ug/L	
45) 1,1,2-Trichloroethane	8.396	97	1447	0.221	ug/L	91
48) 2-Hexanone	8.682	43	15214m	4.075	ug/L	
49) Dibromochloromethane	8.804	129	1895	0.244	ug/L	89
50) 1,2-Dibromoethane	8.923	107	1358	0.233	ug/L #	95
51) Chlorobenzene	9.444	112	7449	0.266	ug/L	96
52) Ethylbenzene	9.566	91	11888	0.238	ug/L	97
53) m,p-Xylene	9.692	106	4633	0.259	ug/L	84
54) o-Xylene	10.100	106	4041	0.227	ug/L	90
55) Styrene	10.116	104	6024	0.216	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	1844	0.239	ug/L #	76
59) Bromoform	10.287	173	831	0.229	ug/L #	92
60) Isopropylbenzene	10.483	105	9970	0.230	ug/L	94
61) 1,2,3-Trichloropropane	10.820	75	1479	0.277	ug/L	90
62) 1,3,5-Trimethylbenzene	11.087	105	8437	0.231	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	8235	0.228	ug/L	96
64) 1,3-Dichlorobenzene	11.746	146	5211	0.264	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	7684	0.398	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	4437	0.258	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.997	75	213	0.201	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.222	180	3286	0.232	ug/L	92
70) 1,2,4-trichlorobenzene	13.843	180	3027	0.284	ug/L	95
71) Naphthalene	14.103	128	3670	0.252	ug/L #	84
72) 1,2,3-Trichlorobenzene	14.335	180	2089	0.248	ug/L	92

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



#2
Dichlorodifluoromethane
Concen: 0.250 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

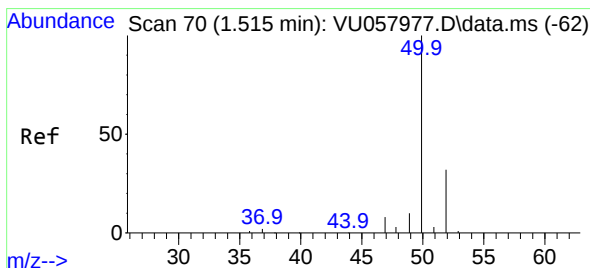
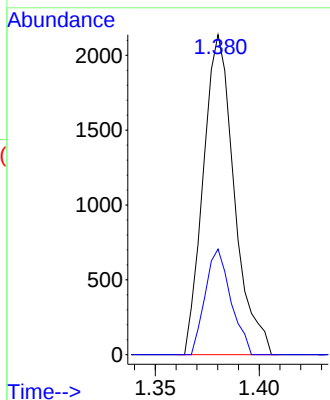
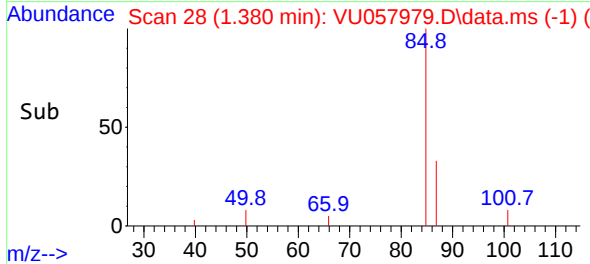
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2024-02



Tgt Ion: 85 Resp: 2219
Ion Ratio Lower Upper
85 100
87 27.2 25.8 38.6

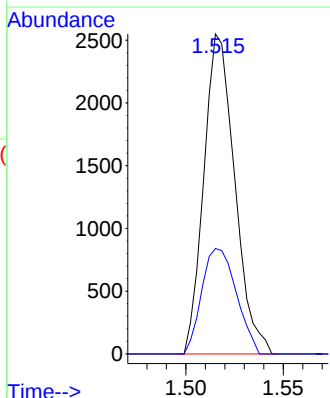
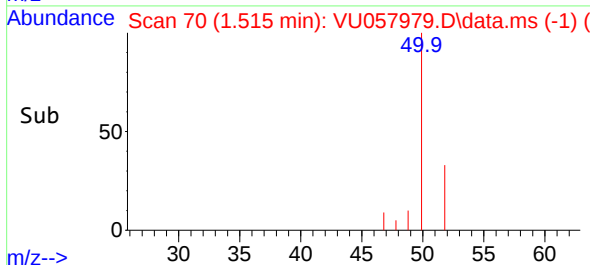
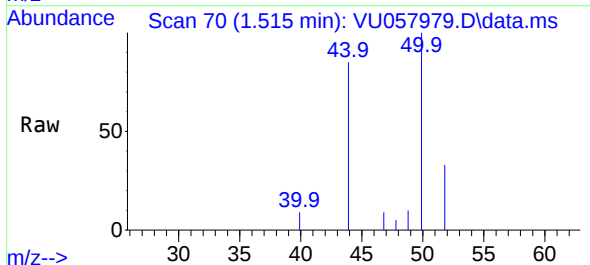
Manual Integrations
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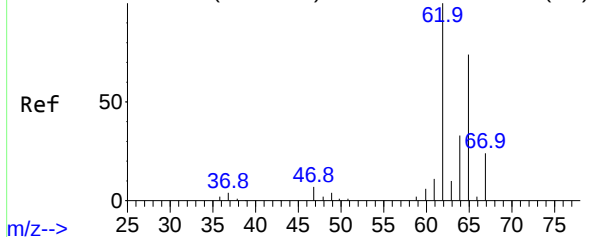


#3
Chloromethane
Concen: 0.270 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion: 50 Resp: 2812
Ion Ratio Lower Upper
50 100
52 32.9 23.1 42.9



Abundance Scan 96 (1.599 min): VU057977.D\data.ms (-88)



#5

Vinyl chloride

Concen: 0.277 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2024-02

Tgt Ion: 62 Resp: 3098

Ion Ratio Lower Upper

62 100

64 43.8 22.5 41.7

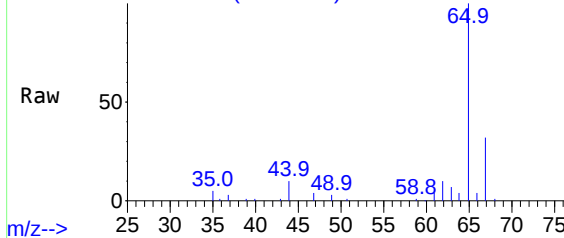
Manual Integrations

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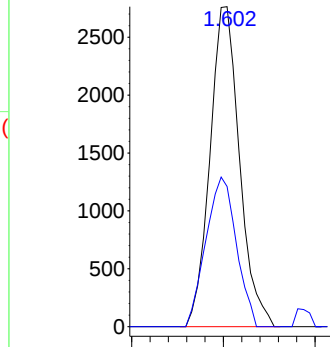
Reviewed By :Mahesh Dadoda 03/05/2024

Supervised By :Semsettin Yesilyurt 03/05/2024

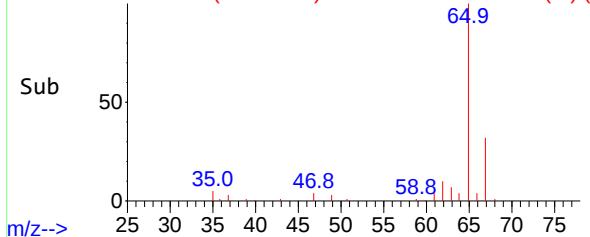
Abundance Scan 97 (1.602 min): VU057979.D\data.ms



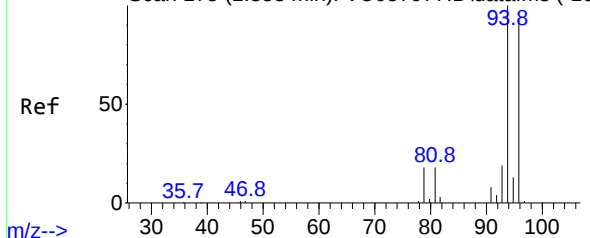
Abundance



Abundance Scan 97 (1.602 min): VU057979.D\data.ms (-3)



Abundance Scan 175 (1.853 min): VU057977.D\data.ms (-16)



#6

Bromomethane

Concen: 0.245 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

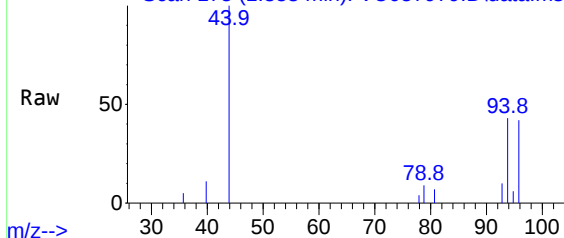
Tgt Ion: 94 Resp: 1442

Ion Ratio Lower Upper

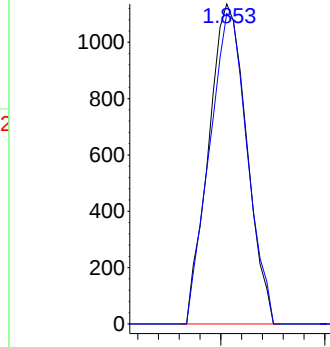
94 100

96 97.0 65.2 121.2

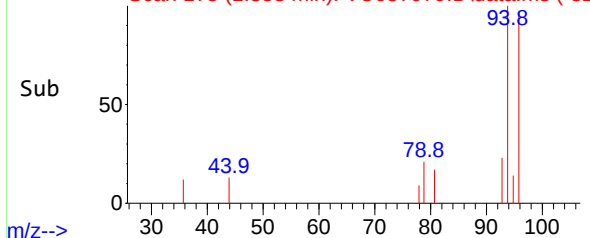
Abundance Scan 175 (1.853 min): VU057979.D\data.ms



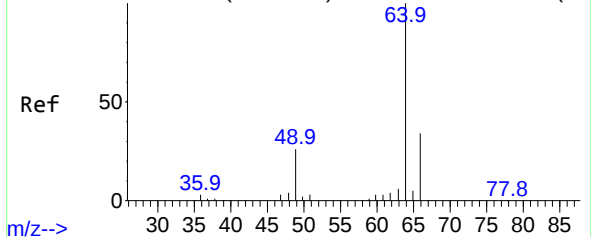
Abundance



Abundance Scan 175 (1.853 min): VU057979.D\data.ms (-82)



Abundance Scan 199 (1.930 min): VU057977.D\data.ms (-18



#8

Chloroethane

Concen: 0.250 ug/L

RT: 1.927 min Scan# 199

Delta R.T. -0.003 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2024-02

Tgt Ion: 64 Resp: 1758

Ion Ratio Lower Upper

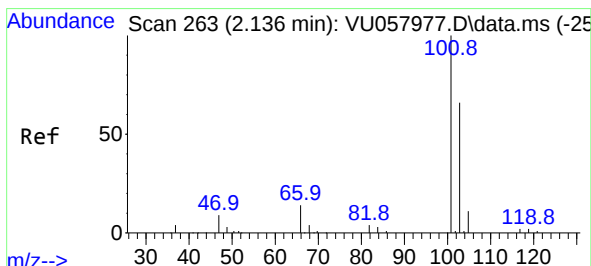
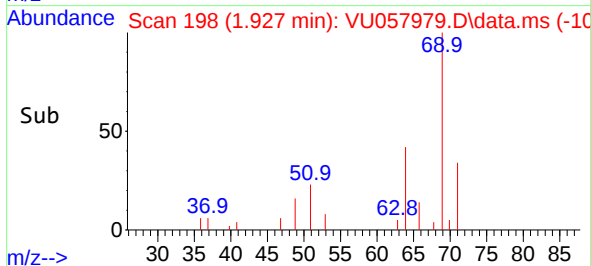
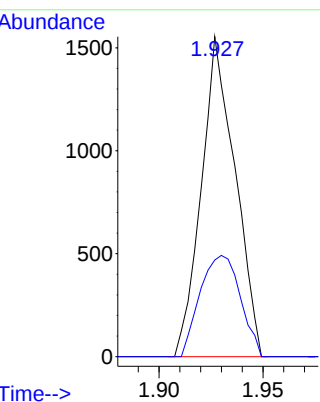
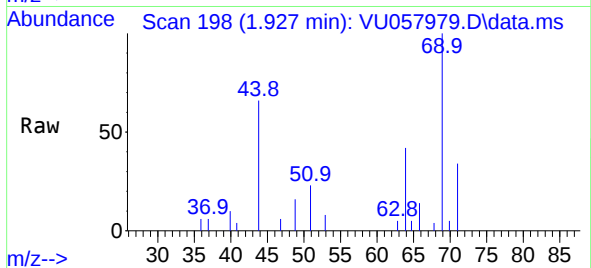
64 100

66 30.2 20.9 38.9

Manual Integrations

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#9

Trichlorofluoromethane

Concen: 0.279 ug/L

RT: 2.133 min Scan# 262

Delta R.T. -0.003 min

Lab File: VU057979.D

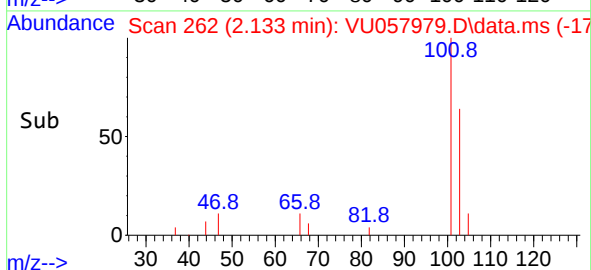
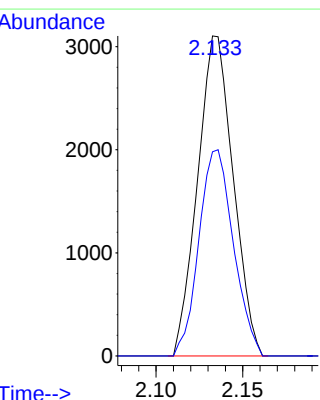
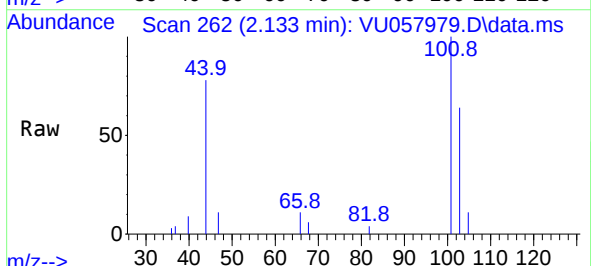
Acq: 01 Mar 2024 15:38

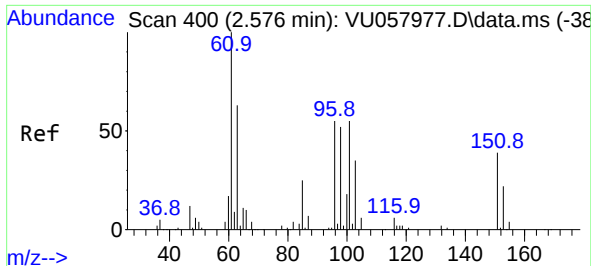
Tgt Ion:101 Resp: 4440

Ion Ratio Lower Upper

101 100

103 62.4 51.4 77.2





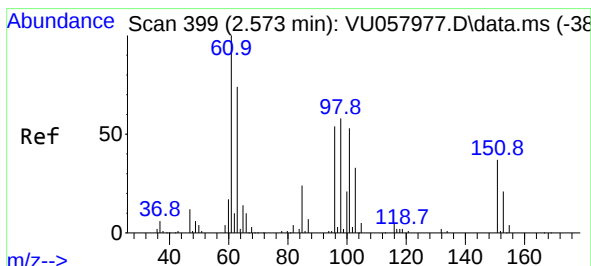
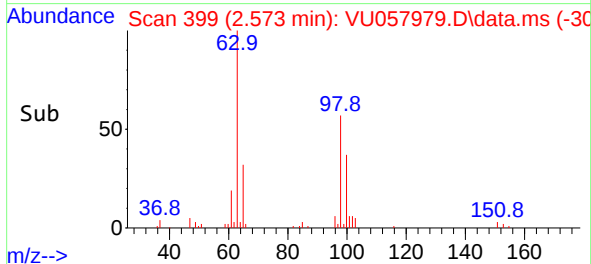
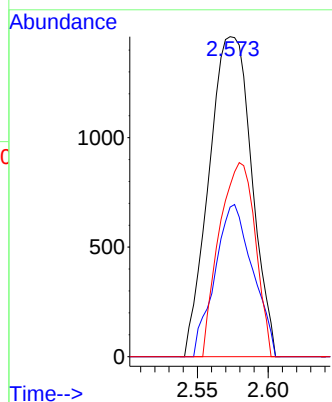
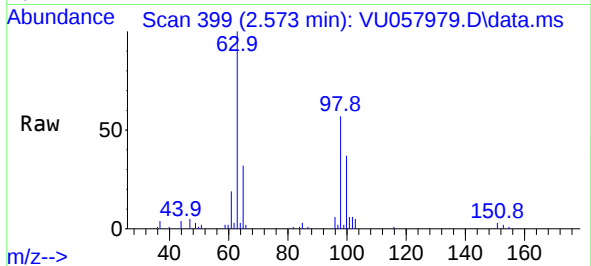
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.307 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2024-02

Tgt Ion:101 Resp: 3059
Ion Ratio Lower Upper
101 100
85 42.3 37.3 55.9
151 51.1 56.0 84.0

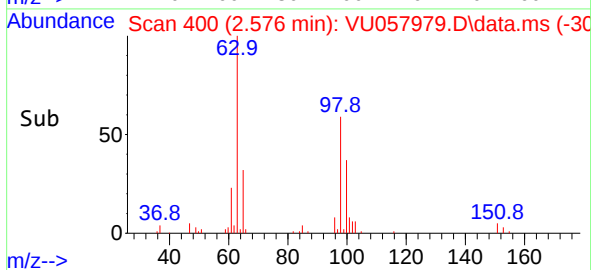
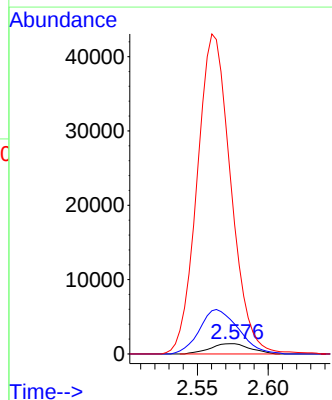
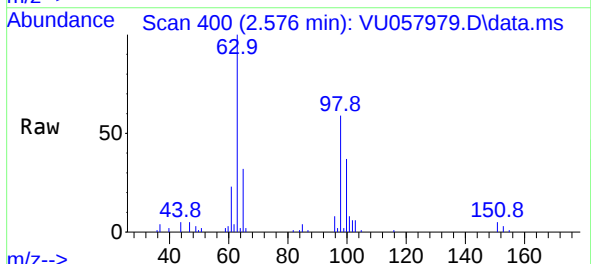
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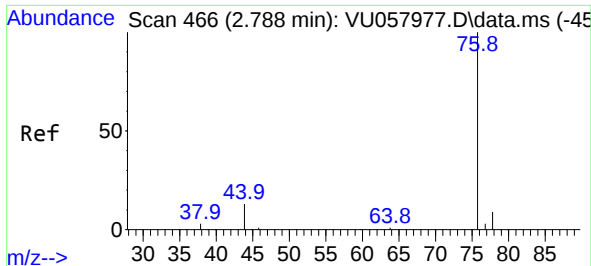
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#12
1,1-Dichloroethene
Concen: 0.306 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

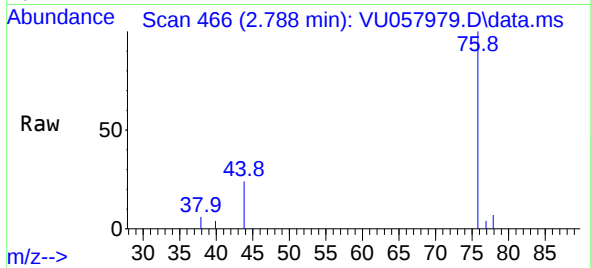
Tgt Ion: 96 Resp: 2705
Ion Ratio Lower Upper
96 100
61 291.8 131.8 244.8#
63 1261.0 98.1 182.1#





#14
Carbon disulfide
Concen: 0.255 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

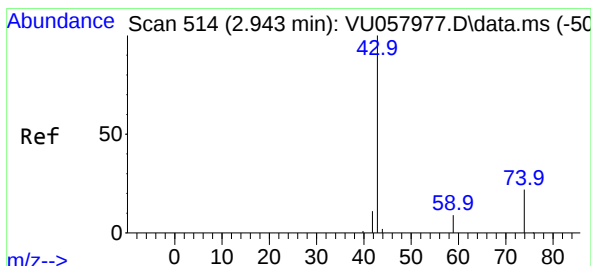
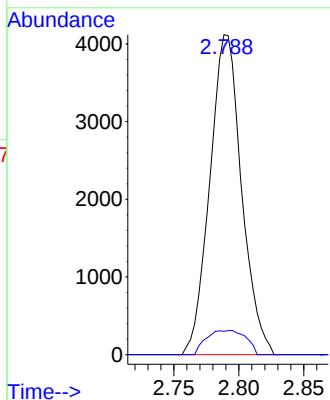
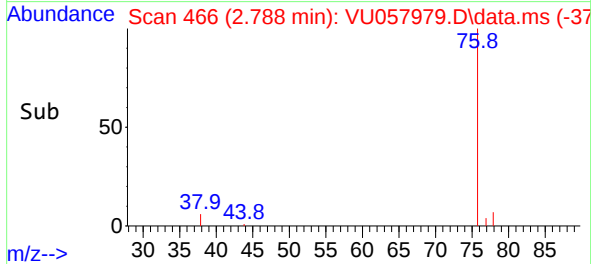
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 76 Resp: 699
Ion Ratio Lower Upper
76 100
78 7.3 7.3 10.9

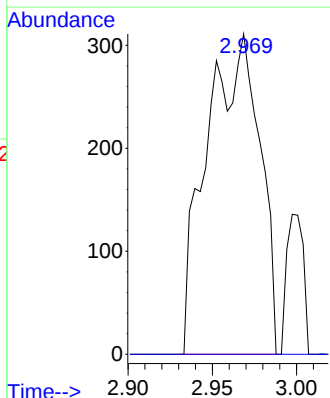
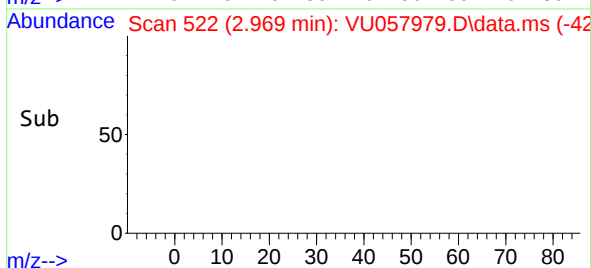
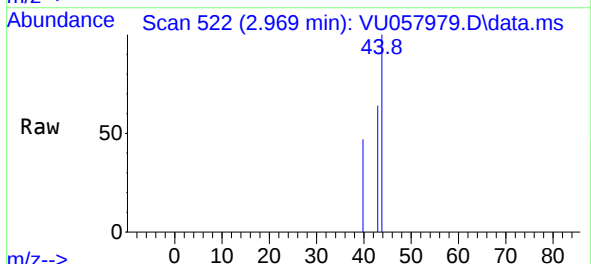
Manual Integrations
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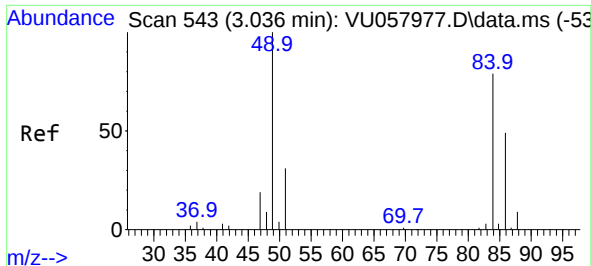
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#15
Methyl Acetate
Concen: 0.237 ug/L m
RT: 2.969 min Scan# 522
Delta R.T. 0.026 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

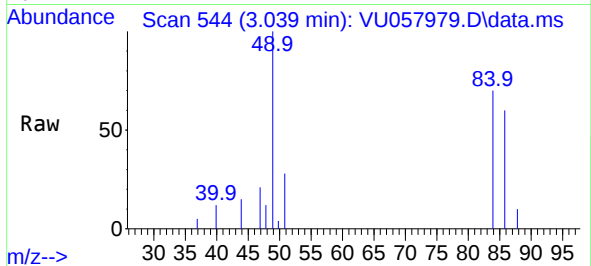
Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#





#16
Methylene chloride
Concen: 0.358 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

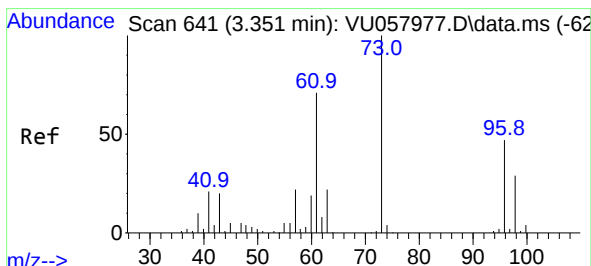
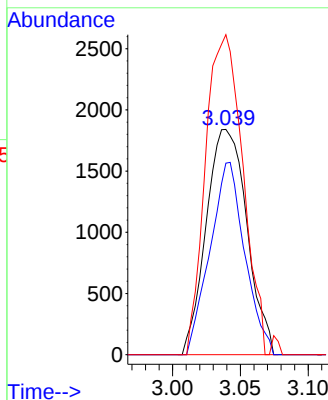
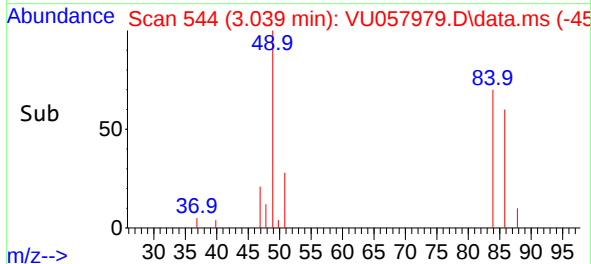
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 84 Resp: 3850
Ion Ratio Lower Upper
84 100
86 85.0 44.4 82.4#
49 147.7 88.8 165.0

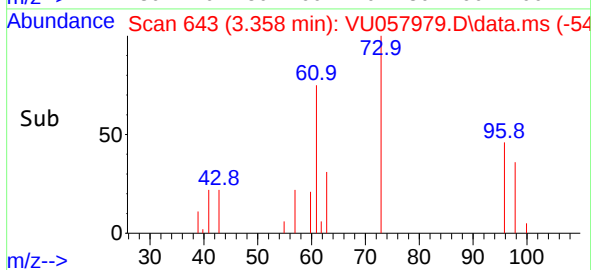
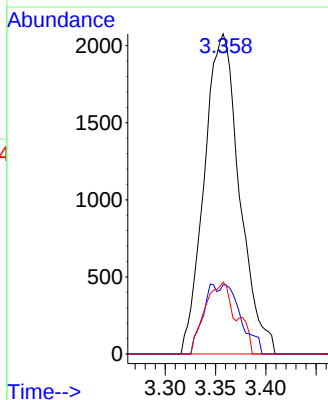
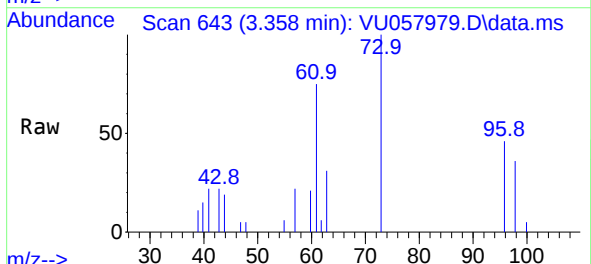
Manual Integrations
APPROVED

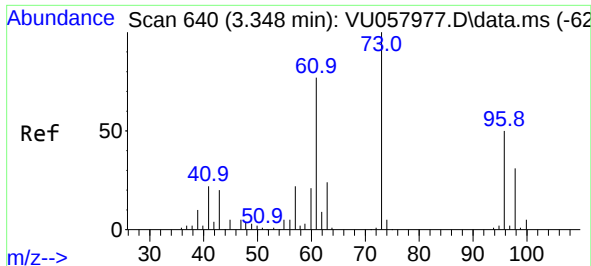
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#17
Methyl tert-butyl Ether
Concen: 0.242 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

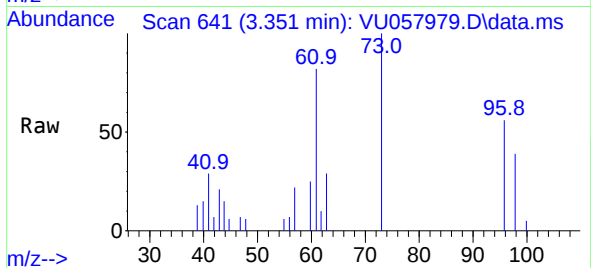
Tgt Ion: 73 Resp: 5062
Ion Ratio Lower Upper
73 100
43 9.1 16.2 24.4#
57 16.9 17.9 26.9#





#18
trans-1,2-Dichloroethene
Concen: 0.236 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

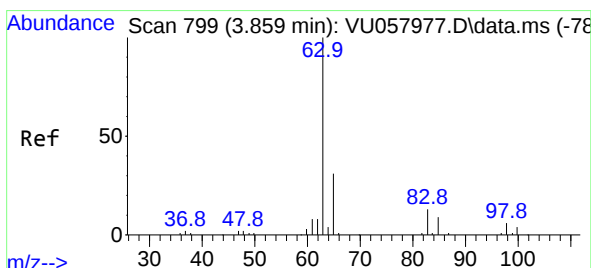
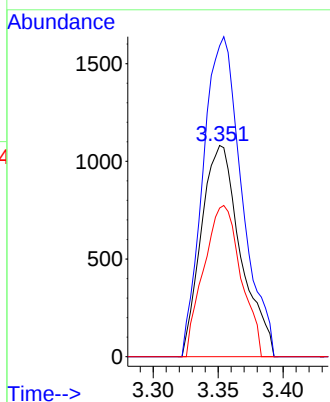
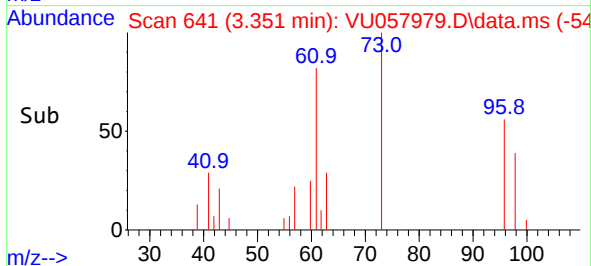
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2024-02



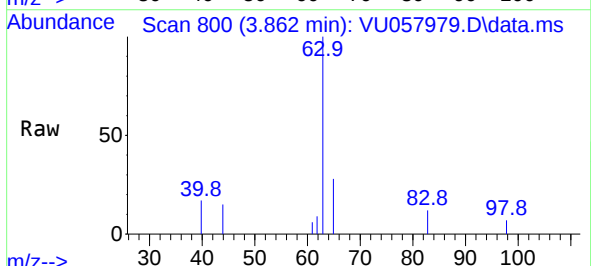
Tgt Ion: 96 Resp: 2270
Ion Ratio Lower Upper
96 100
61 147.2 107.7 199.9
98 70.4 45.8 85.0

Manual Integrations
APPROVED

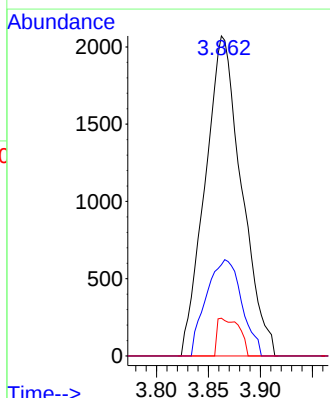
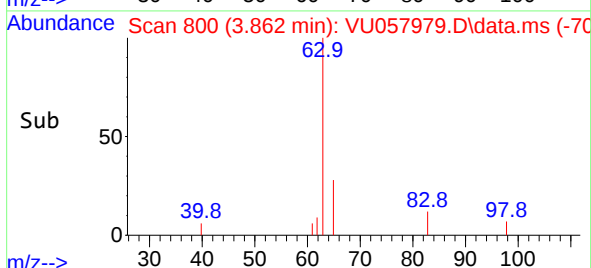
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

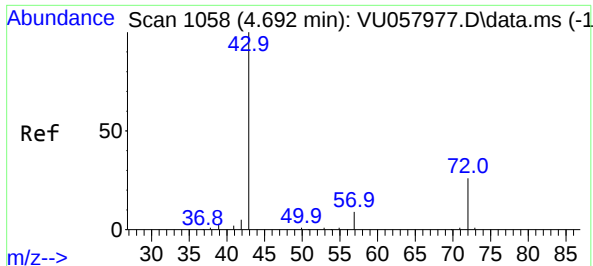


#19
1,1-Dichloroethane
Concen: 0.263 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38



Tgt Ion: 63 Resp: 5051
Ion Ratio Lower Upper
63 100
65 28.5 22.1 41.1
83 11.8 9.0 16.6





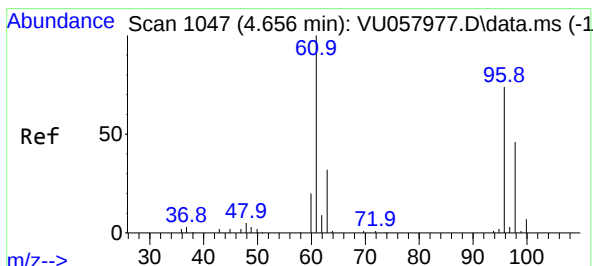
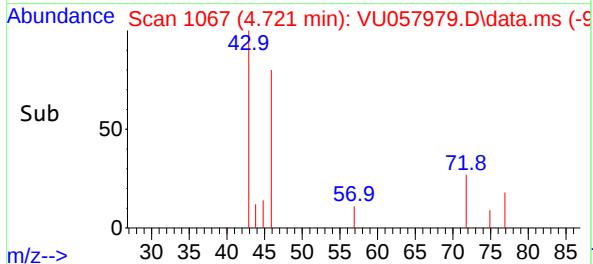
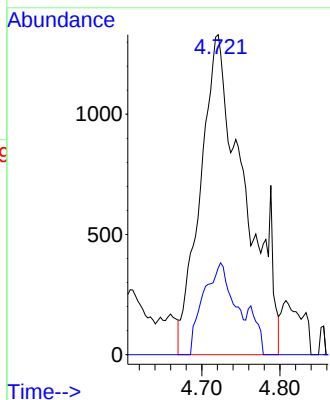
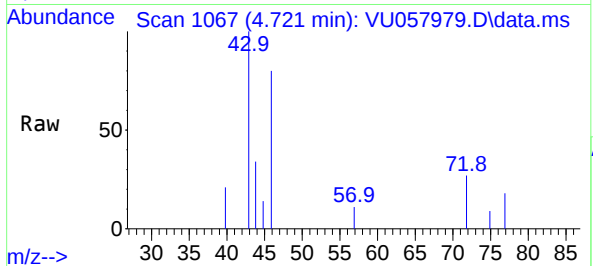
#21
2-Butanone
Concen: 2.544 ug/L m
RT: 4.721 min Scan# 1067
Delta R.T. 0.029 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion: 43 Resp: 5189
Ion Ratio Lower Upper
43 100
72 20.1 13.0 39.0

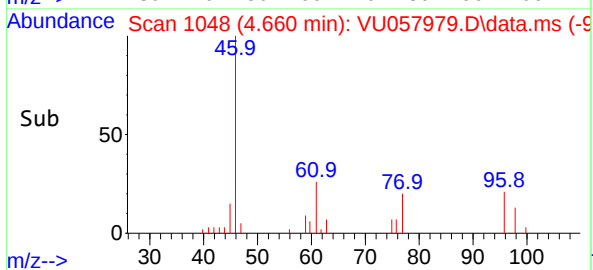
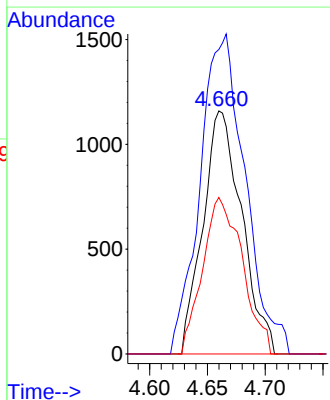
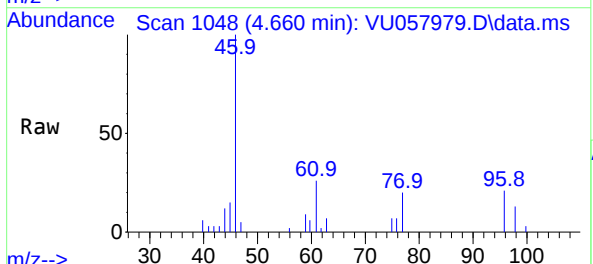
Manual Integrations
APPROVED

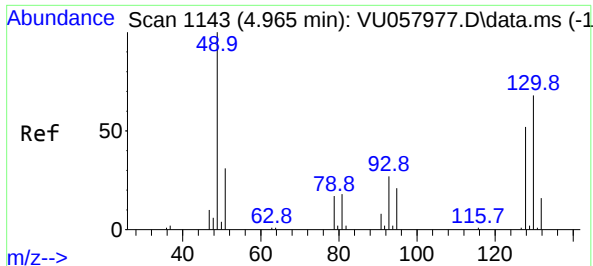
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#22
cis-1,2-Dichloroethene
Concen: 0.256 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

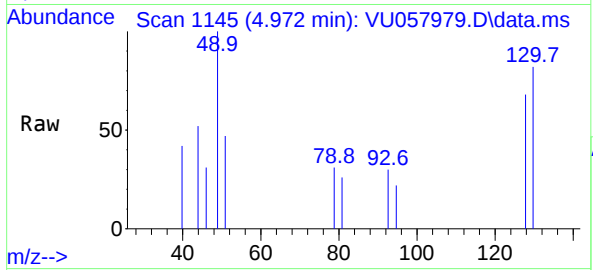
Tgt Ion: 96 Resp: 2715
Ion Ratio Lower Upper
96 100
61 125.3 97.2 180.4
98 64.4 45.5 84.5





#23
Bromochloromethane
Concen: 0.240 ug/L
RT: 4.972 min Scan# 1143
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

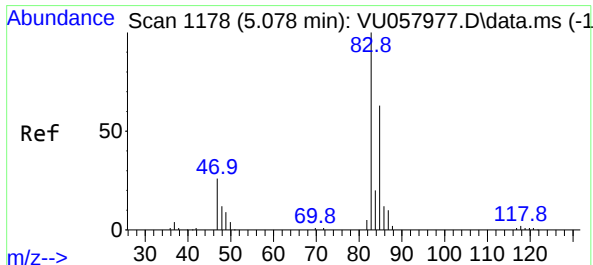
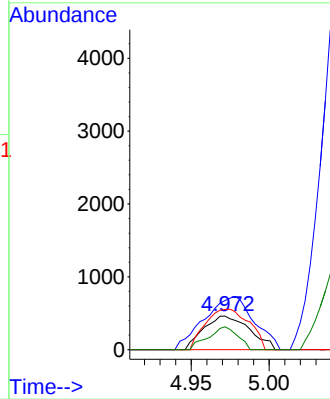
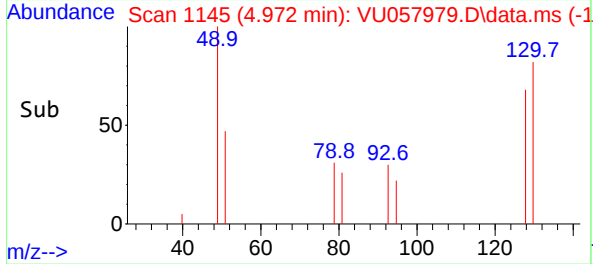
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion:128 Resp: 940
Ion Ratio Lower Upper
128 100
49 146.4 122.0 226.6
130 119.5 86.6 160.8
51 68.3 44.6 66.8#

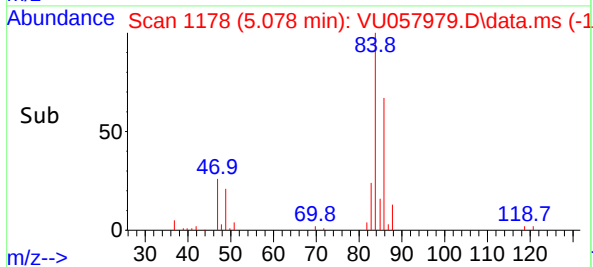
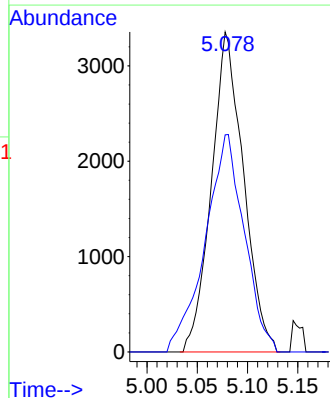
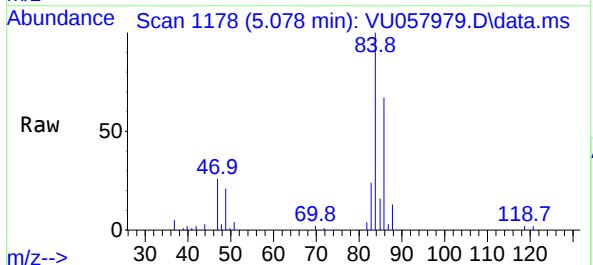
Manual Integrations
APPROVED

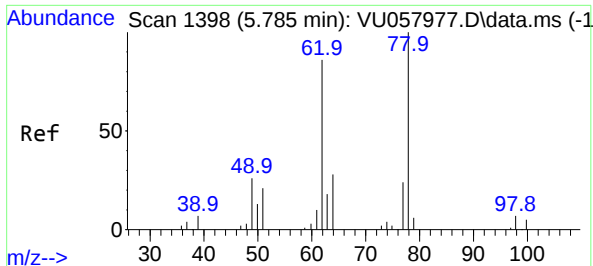
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#25
Chloroform
Concen: 0.379 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion: 83 Resp: 7442
Ion Ratio Lower Upper
83 100
85 67.8 45.4 84.4





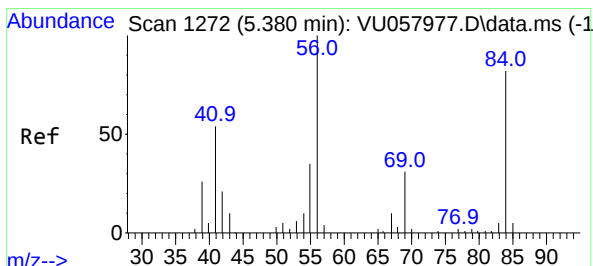
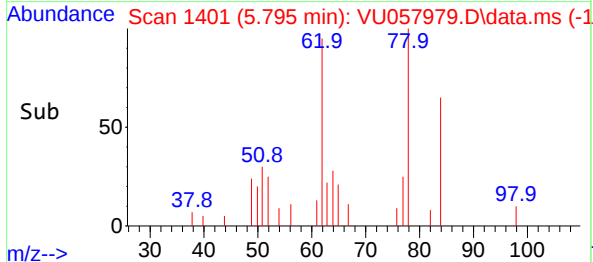
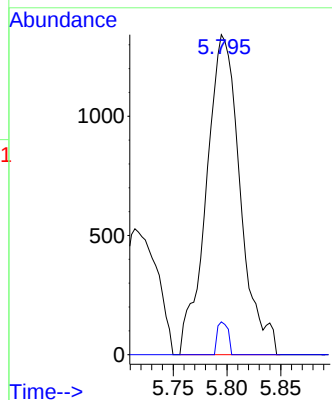
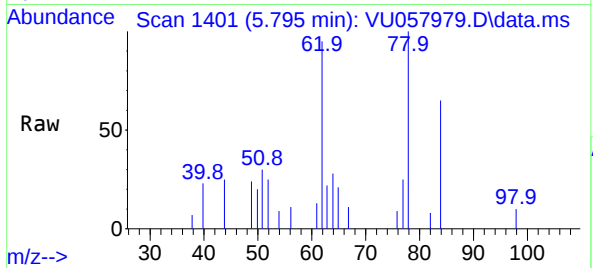
#27
1,2-Dichloroethane
Concen: 0.271 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion: 62 Resp: 2948
Ion Ratio Lower Upper
62 100
98 10.3 7.0 10.4

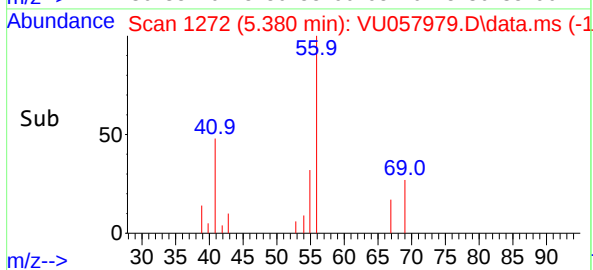
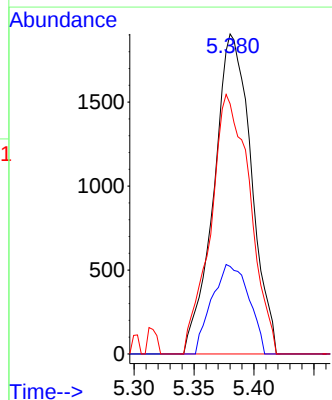
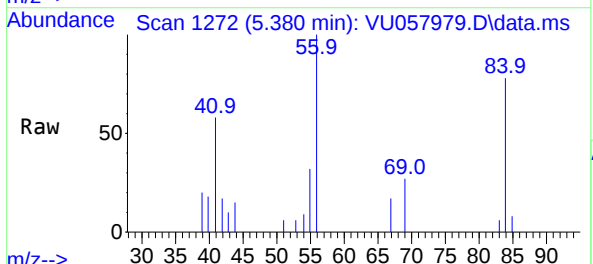
Manual Integrations
APPROVED

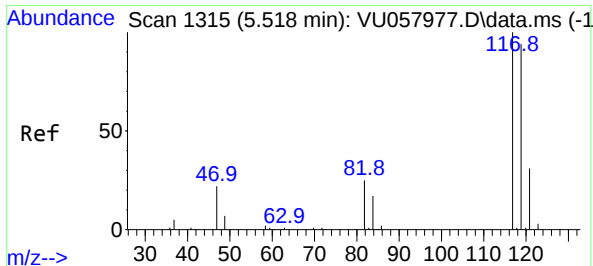
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#30
Cyclohexane
Concen: 0.245 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion: 56 Resp: 4125
Ion Ratio Lower Upper
56 100
69 27.6 24.2 36.2
84 85.2 66.6 99.8





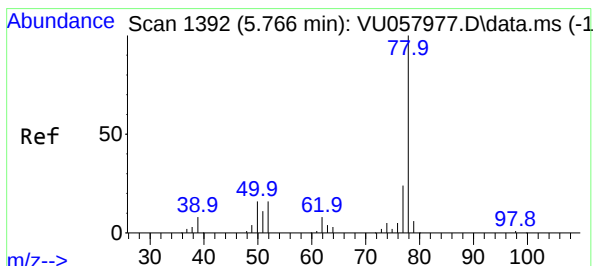
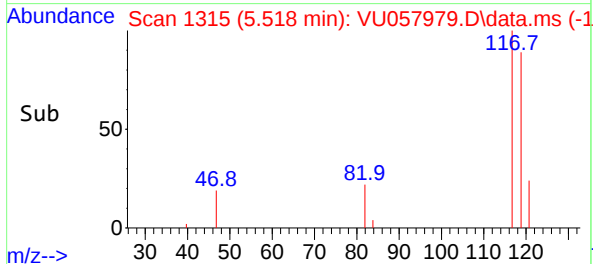
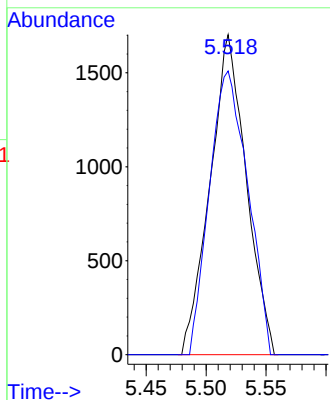
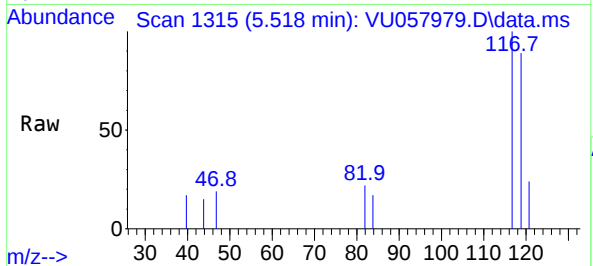
#31
Carbon tetrachloride
Concen: 0.247 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion:117 Resp: 3569
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.8

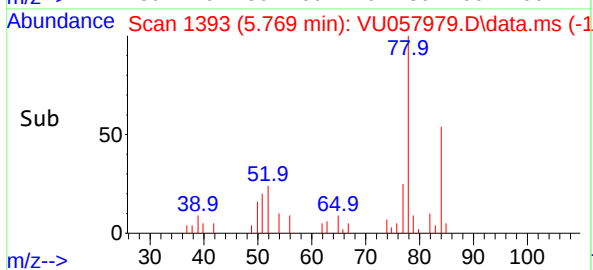
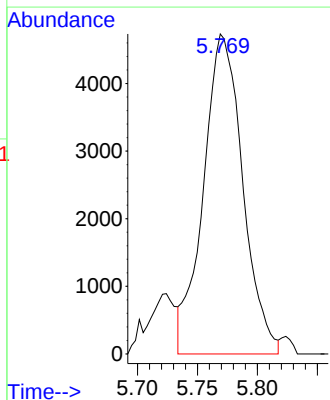
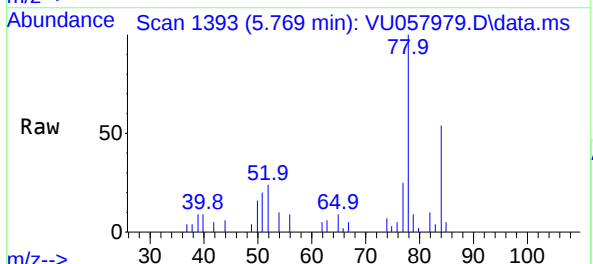
Manual Integrations
APPROVED

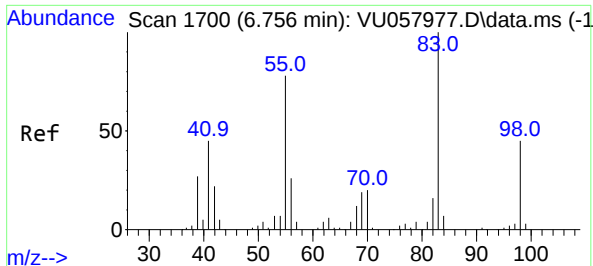
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#33
Benzene
Concen: 0.252 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion: 78 Resp: 10798





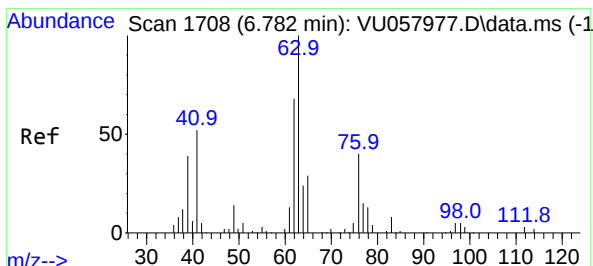
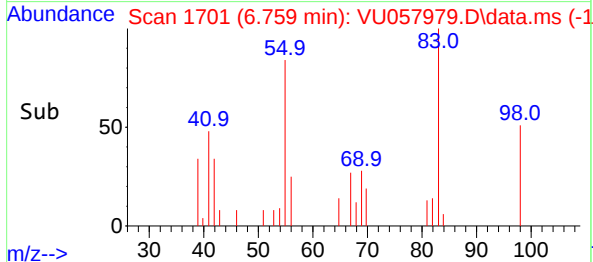
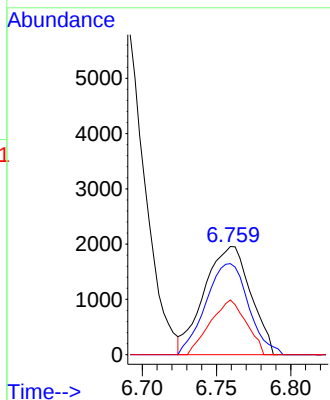
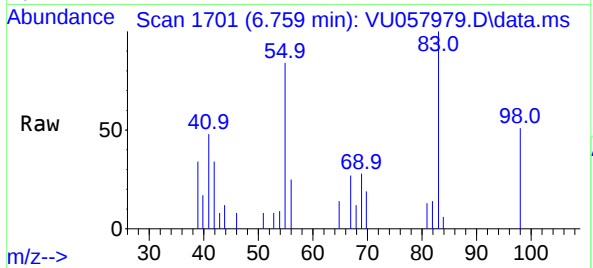
#35
Methylcyclohexane
Concen: 0.246 ug/L
RT: 6.759 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion: 83 Resp: 4250
Ion Ratio Lower Upper
83 100
55 77.4 63.0 94.6
98 39.1 36.2 54.4

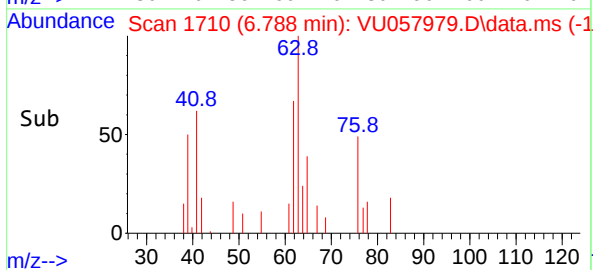
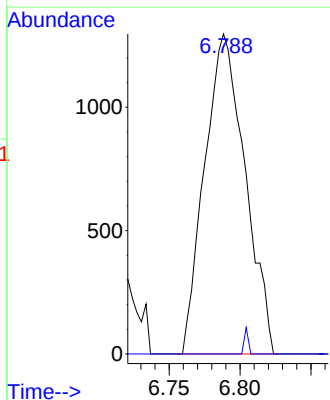
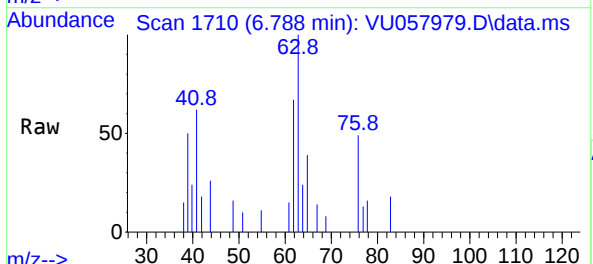
Manual Integrations
APPROVED

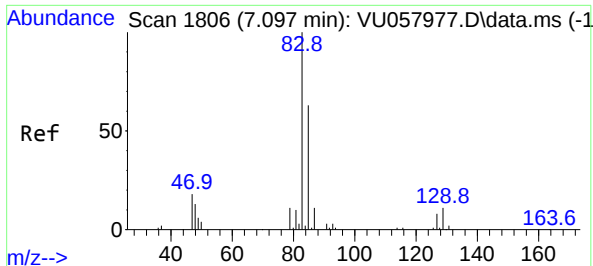
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#37
1,2-Dichloropropane
Concen: 0.233 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

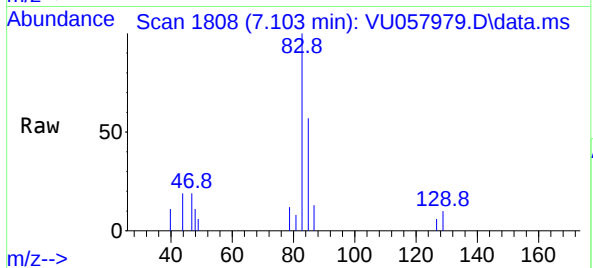
Tgt Ion: 63 Resp: 2576
Ion Ratio Lower Upper
63 100
112 0.8 3.0 4.4#





#38
Bromodichloromethane
Concen: 0.254 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

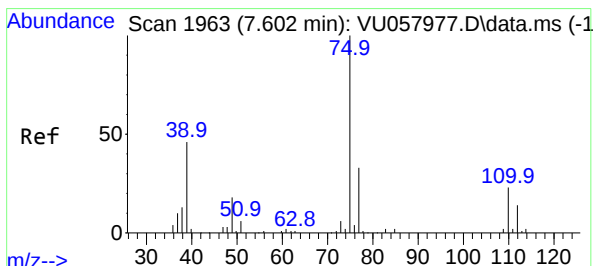
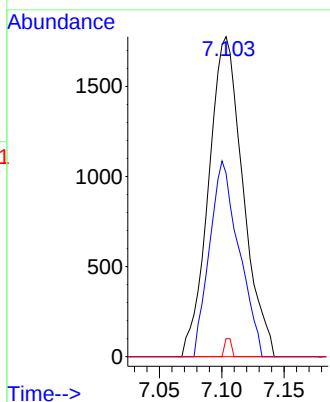
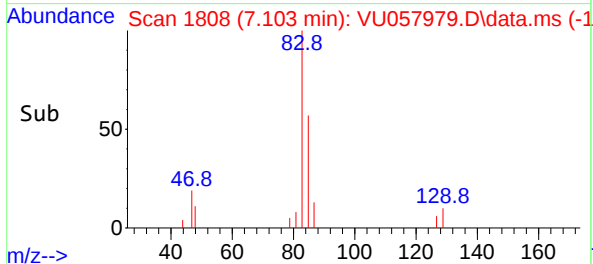
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 83 Resp: 3408
Ion Ratio Lower Upper
83 100
85 57.3 44.5 82.7
127 5.7 6.6 9.8

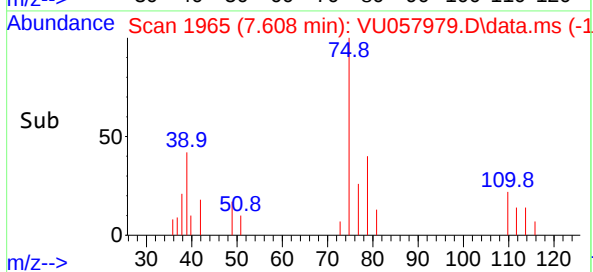
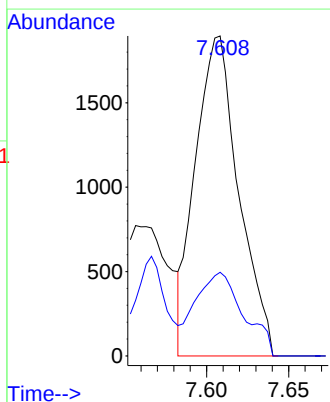
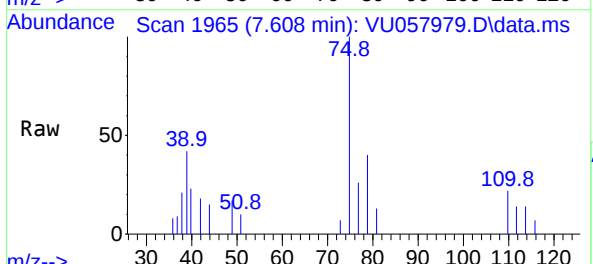
Manual Integrations
APPROVED

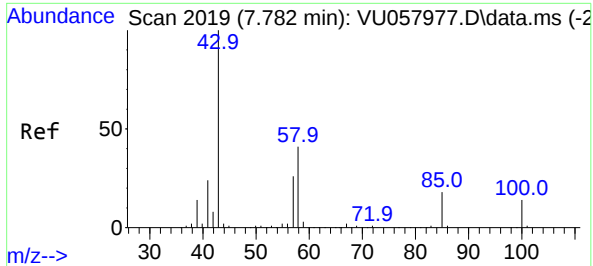
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#39
cis-1,3-Dichloropropene
Concen: 0.228 ug/L
RT: 7.608 min Scan# 1965
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion: 75 Resp: 3482
Ion Ratio Lower Upper
75 100
77 26.2 22.3 41.5





#40
4-Methyl-2-pentanone
Concen: 2.218 ug/L
RT: 7.788 min Scan# 2019
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

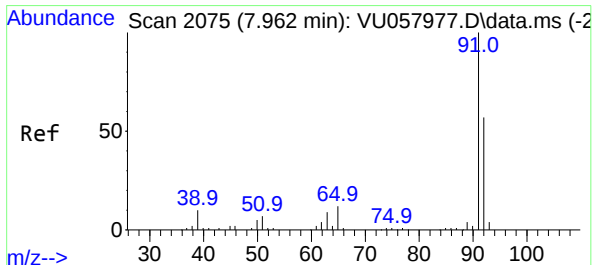
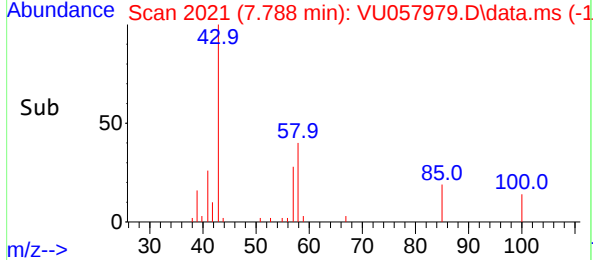
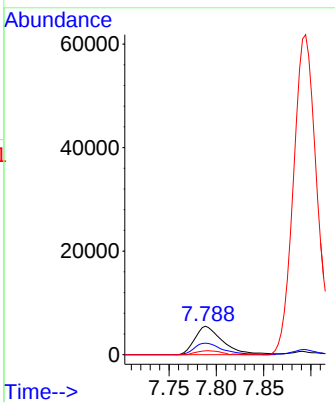
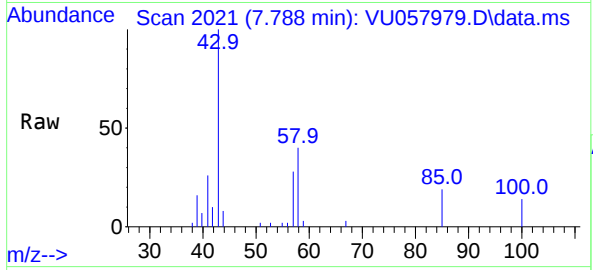
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion: 43 Resp: 11289

Ion	Ratio	Lower	Upper
43	100		
58	40.6	31.7	47.5
100	0.0	11.3	16.9

Manual Integrations
APPROVED

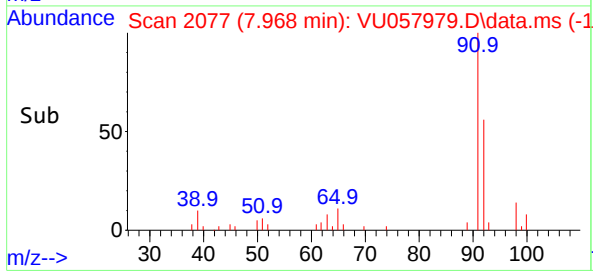
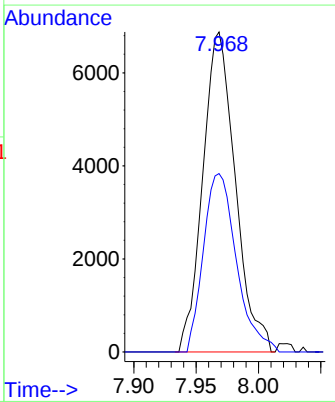
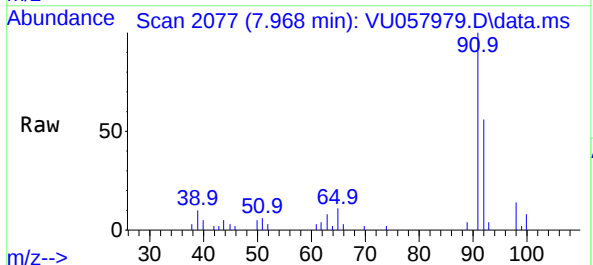
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

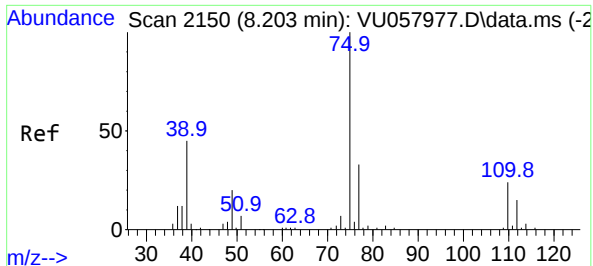


#42
Toluene
Concen: 0.280 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion: 91 Resp: 12507

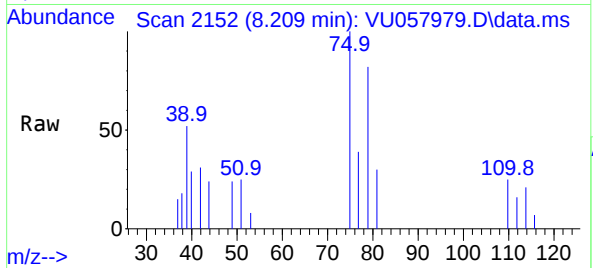
Ion	Ratio	Lower	Upper
91	100		
92	55.7	40.2	74.6





#44
trans-1,3-Dichloropropene
Concen: 0.243 ug/L m
RT: 8.209 min Scan# 2150
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

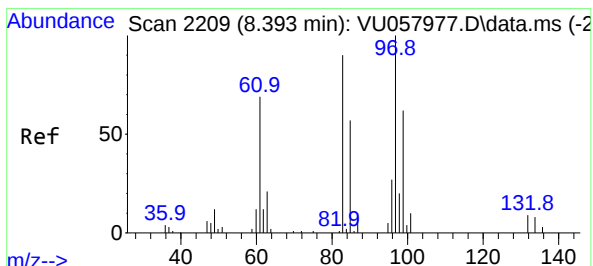
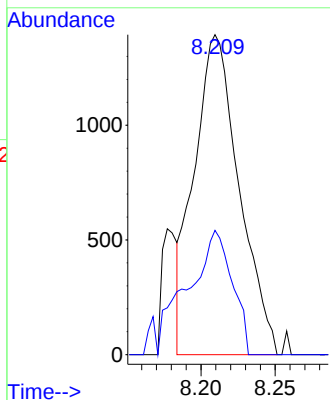
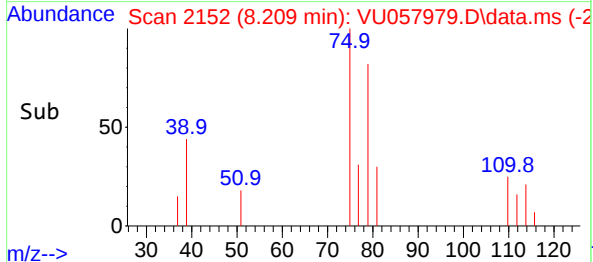
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02



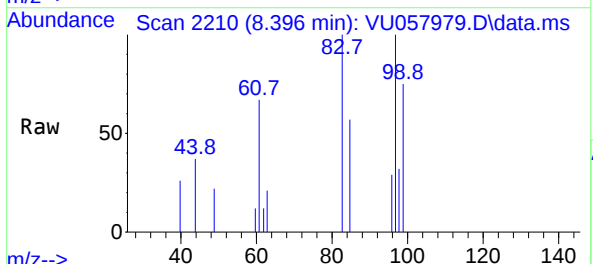
Tgt Ion: 75 Resp: 2950
Ion Ratio Lower Upper
75 100
77 38.9 23.1 42.9

Manual Integrations
APPROVED

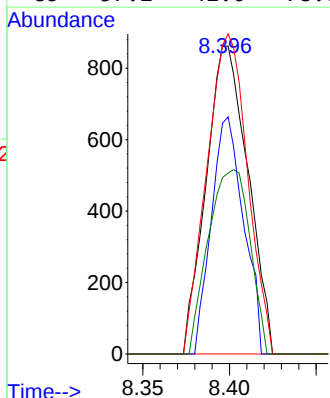
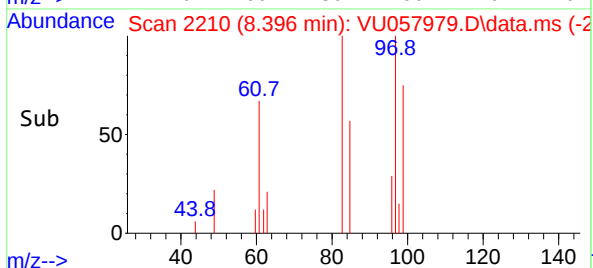
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

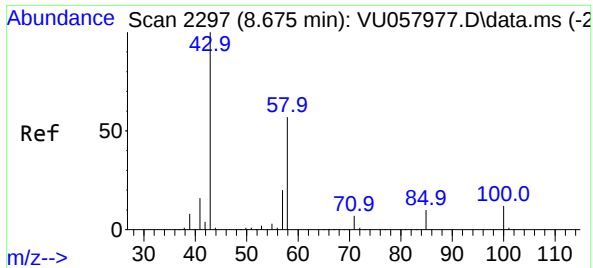


#45
1,1,2-Trichloroethane
Concen: 0.221 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38



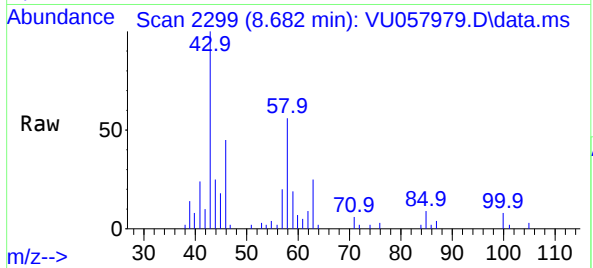
Tgt Ion: 97 Resp: 1447
Ion Ratio Lower Upper
97 100
99 74.9 44.2 82.2
83 100.1 64.2 119.2
85 57.2 42.0 78.0





#48
2-Hexanone
Concen: 4.075 ug/L m
RT: 8.682 min Scan# 2299
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

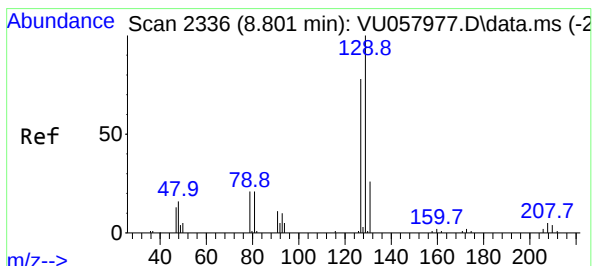
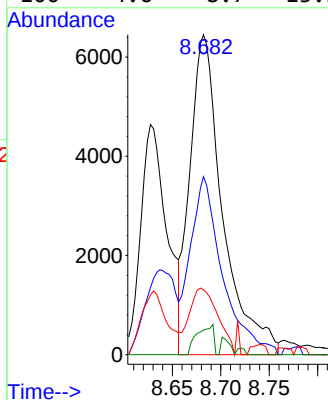
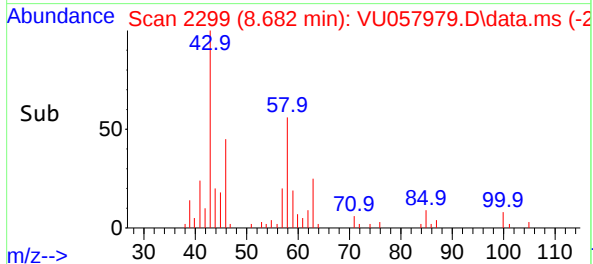
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2024-02



Tgt Ion: 43 Resp: 15214
Ion Ratio Lower Upper
43 100
58 54.8 43.3 64.9
57 18.4 15.2 22.8
100 4.6 8.7 13.1#

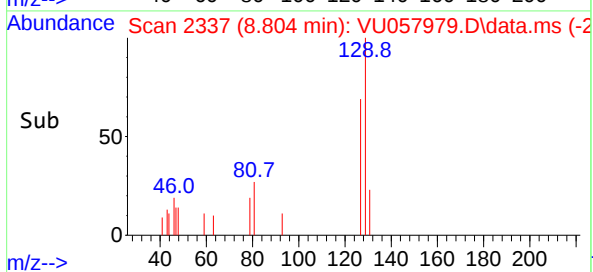
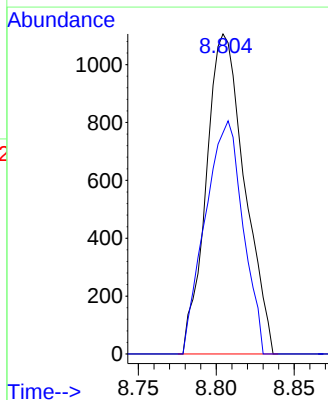
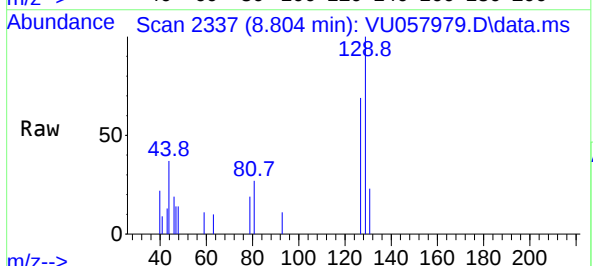
Manual Integrations
APPROVED

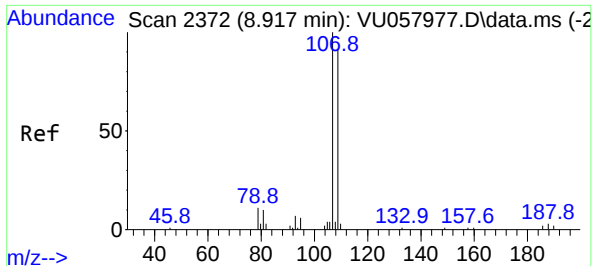
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#49
Dibromochloromethane
Concen: 0.244 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

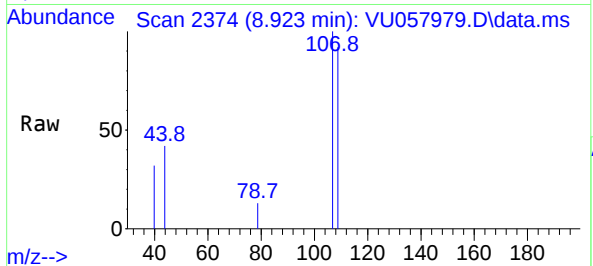
Tgt Ion:129 Resp: 1895
Ion Ratio Lower Upper
129 100
127 69.2 55.2 102.6





#50
1,2-Dibromoethane
Concen: 0.233 ug/L
RT: 8.923 min Scan# 2135
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

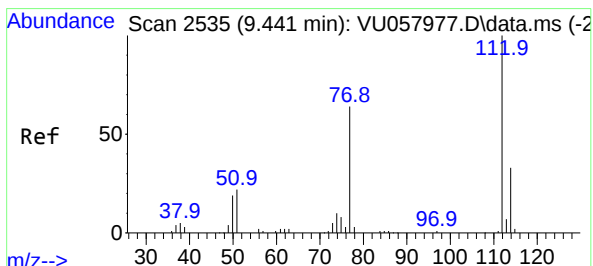
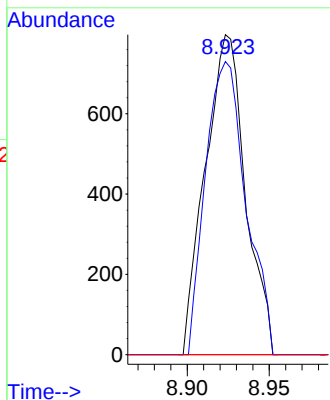
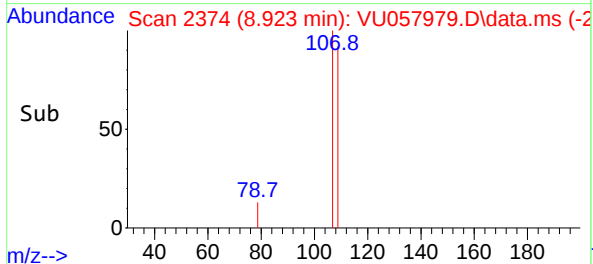
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2024-02



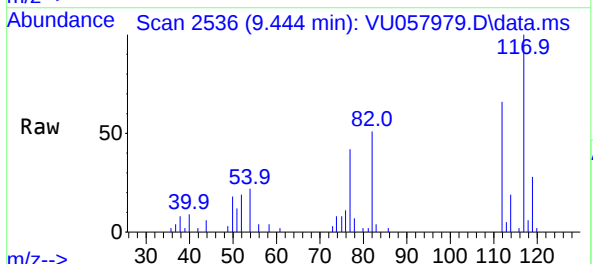
Tgt Ion:107 Resp: 1358
Ion Ratio Lower Upper
107 100
109 91.6 67.8 125.8
188 0.0 2.4 3.6

Manual Integrations
APPROVED

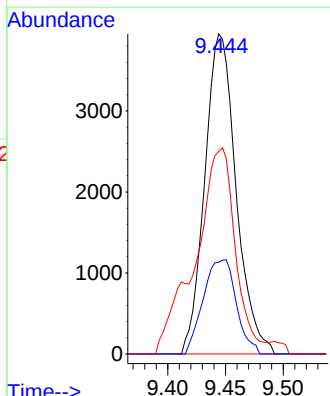
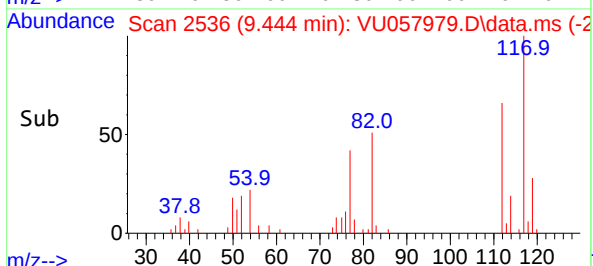
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

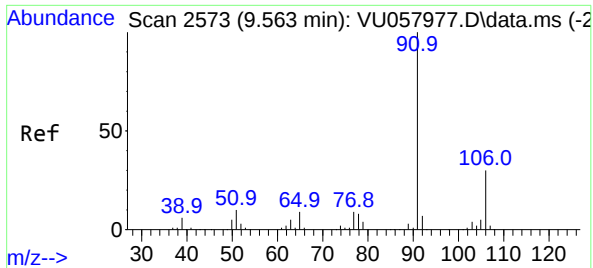


#51
Chlorobenzene
Concen: 0.266 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38



Tgt Ion:112 Resp: 7449
Ion Ratio Lower Upper
112 100
114 28.7 22.7 42.1
77 63.3 52.3 78.5





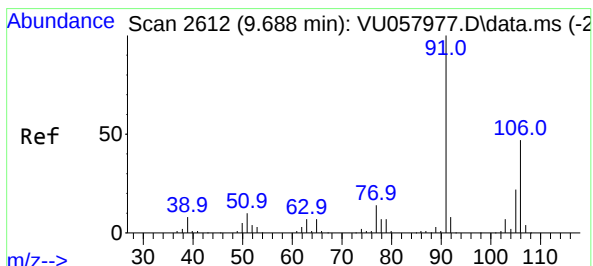
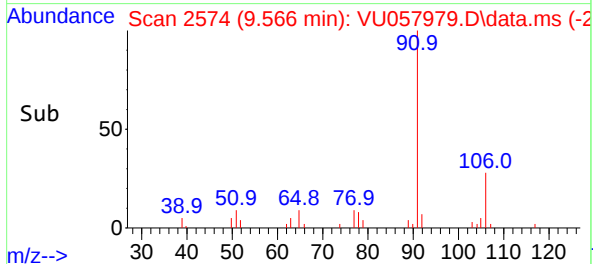
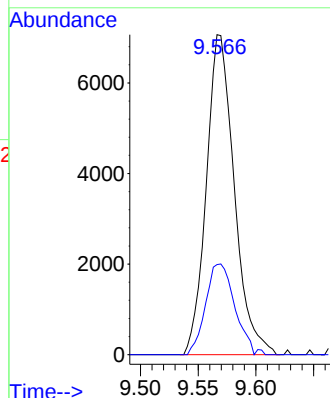
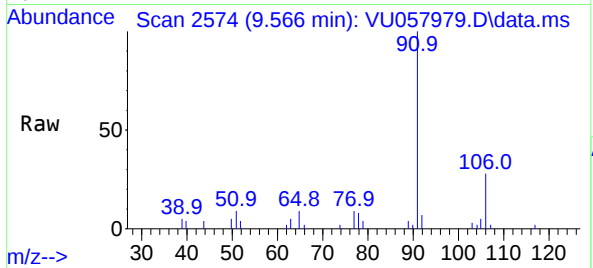
#52
Ethylbenzene
Concen: 0.238 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion: 91 Resp: 1188
Ion Ratio Lower Upper
91 100
106 28.2 20.9 38.7

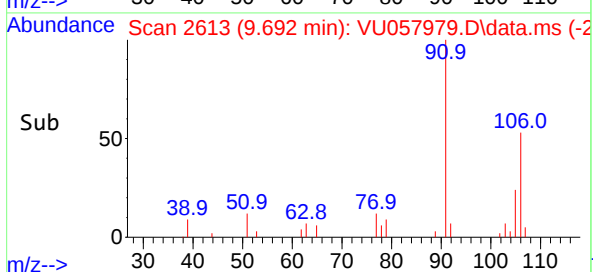
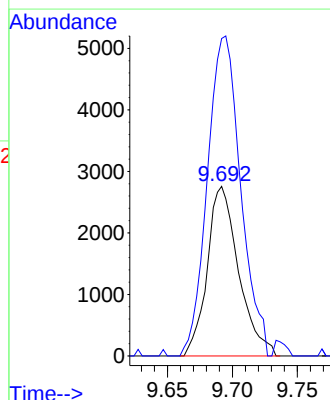
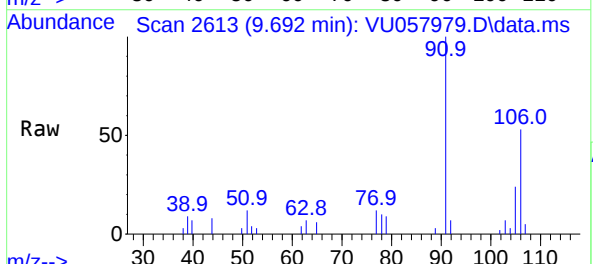
Manual Integrations
APPROVED

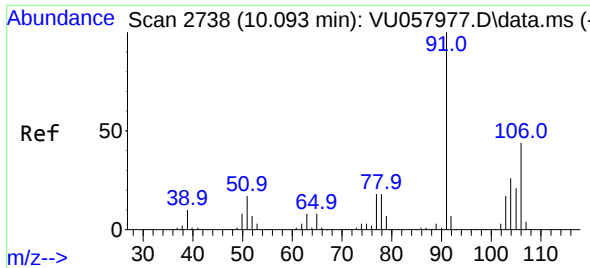
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#53
m,p-Xylene
Concen: 0.259 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion:106 Resp: 4633
Ion Ratio Lower Upper
106 100
91 187.1 148.8 276.4





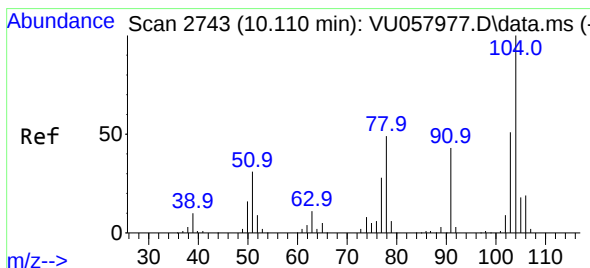
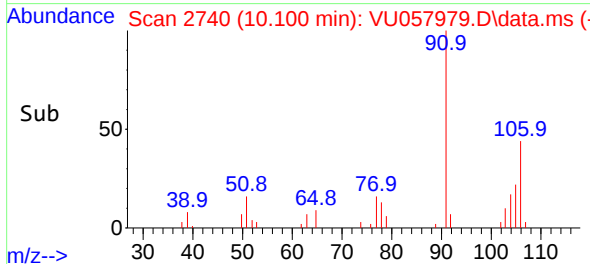
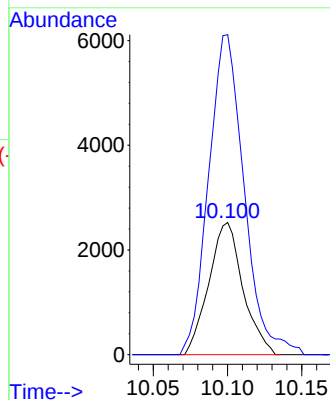
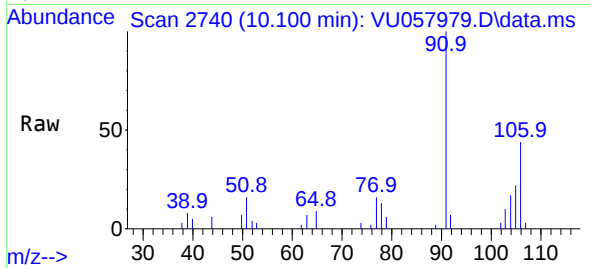
#54
o-Xylene
Concen: 0.227 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion:106 Resp: 404
Ion Ratio Lower Upper
106 100
91 242.2 158.3 294.1

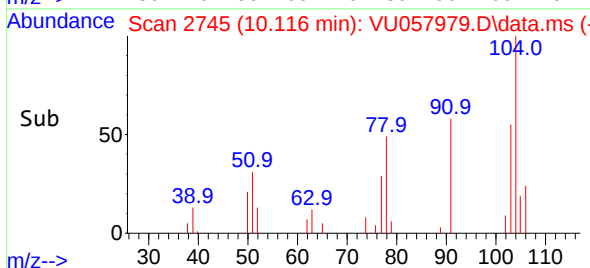
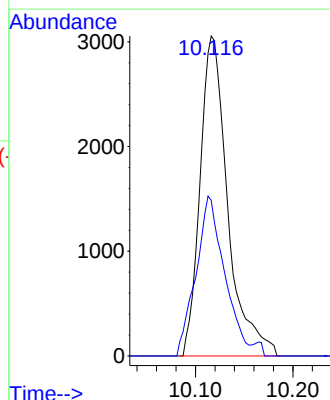
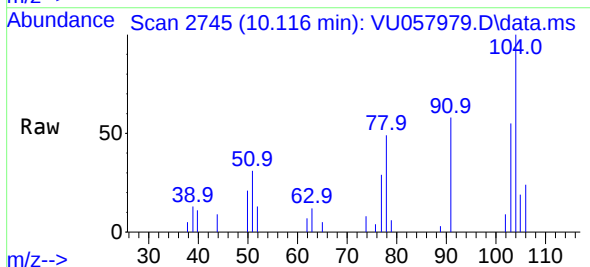
Manual Integrations
APPROVED

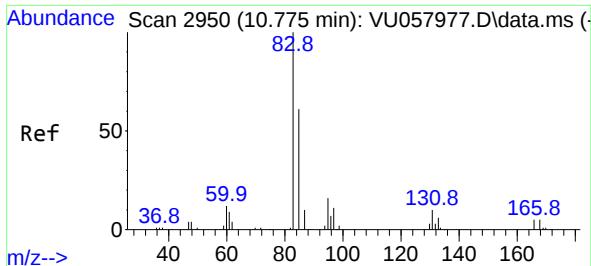
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#55
Styrene
Concen: 0.216 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

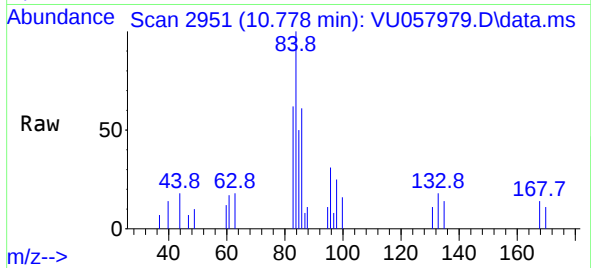
Tgt Ion:104 Resp: 6024
Ion Ratio Lower Upper
104 100
78 48.6 34.2 63.4





#57
1,1,2,2-Tetrachloroethane
Concen: 0.239 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

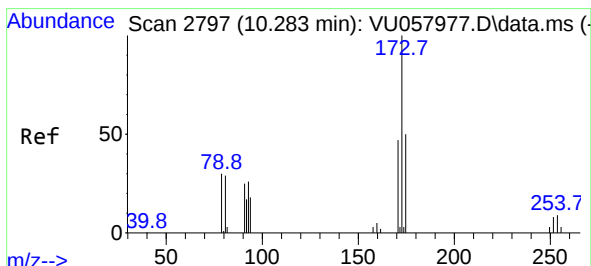
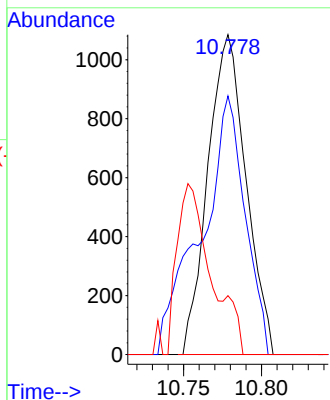
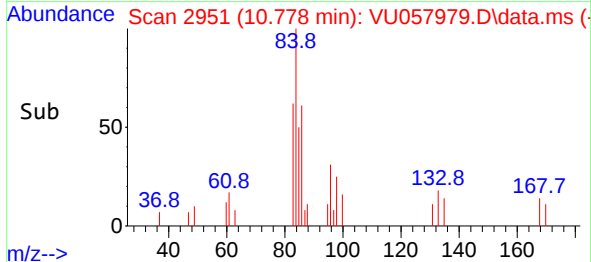
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02



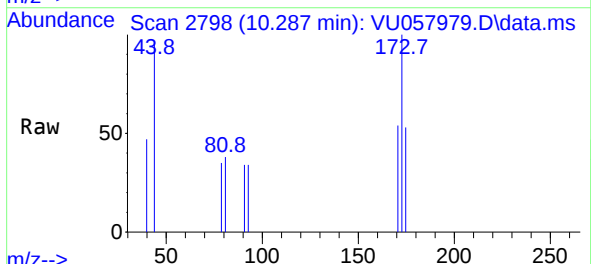
Tgt Ion: 83 Resp: 1844
Ion Ratio Lower Upper
83 100
85 80.8 44.0 81.6
131 18.4 6.9 10.3

Manual Integrations
APPROVED

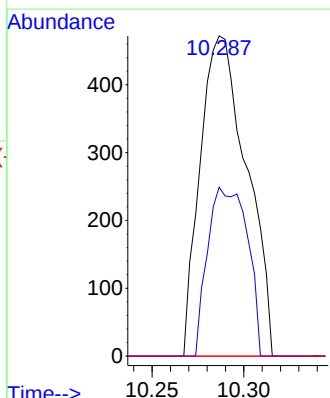
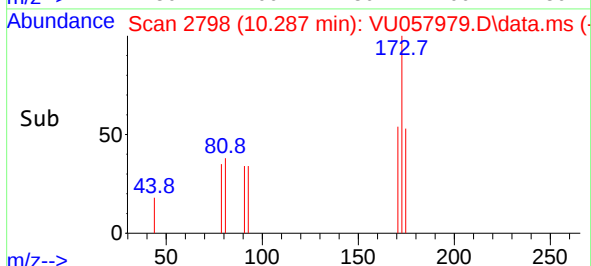
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

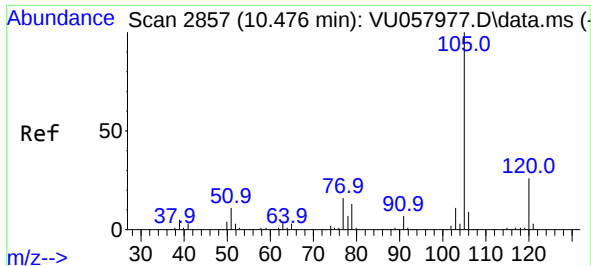


#59
Bromoform
Concen: 0.229 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38



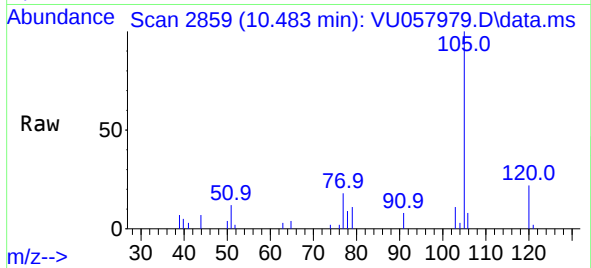
Tgt Ion:173 Resp: 831
Ion Ratio Lower Upper
173 100
175 44.9 38.6 57.8
254 0.0 7.3 10.9





#60
Isopropylbenzene
Concen: 0.230 ug/L
RT: 10.483 min Scan# 2857
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

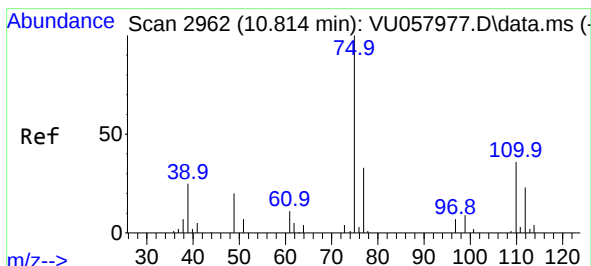
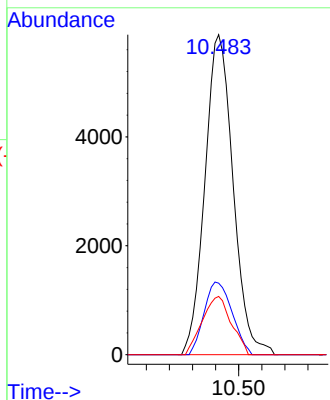
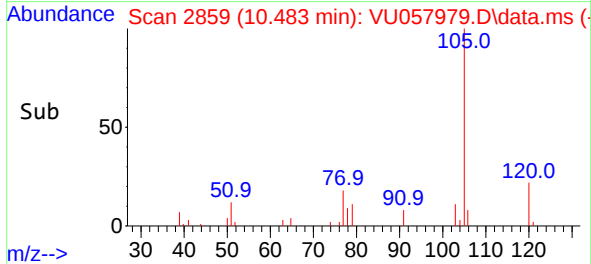
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion:105 Resp: 9970
Ion Ratio Lower Upper
105 100
120 22.5 20.4 30.6
77 18.6 13.2 19.8

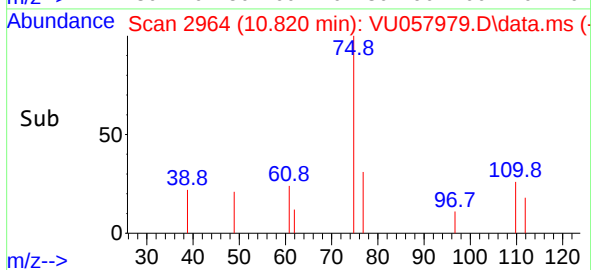
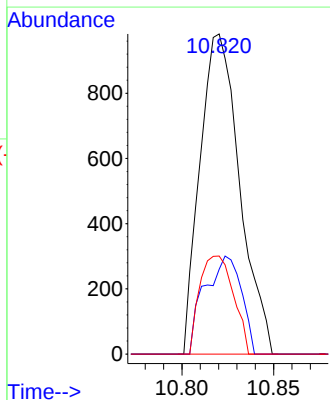
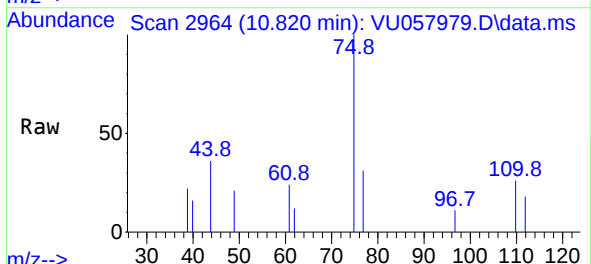
Manual Integrations
APPROVED

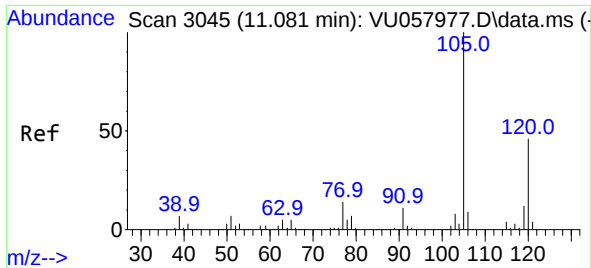
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#61
1,2,3-Trichloropropane
Concen: 0.277 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Tgt Ion: 75 Resp: 1479
Ion Ratio Lower Upper
75 100
110 28.1 28.0 42.0
77 26.0 24.7 37.1





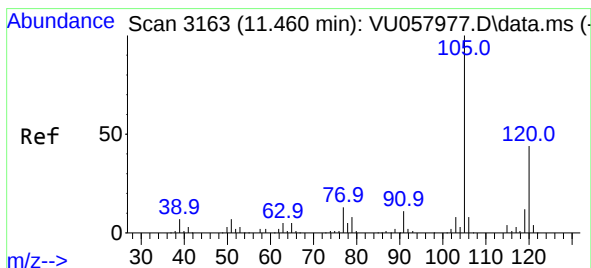
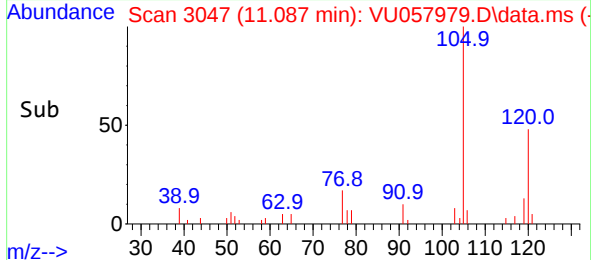
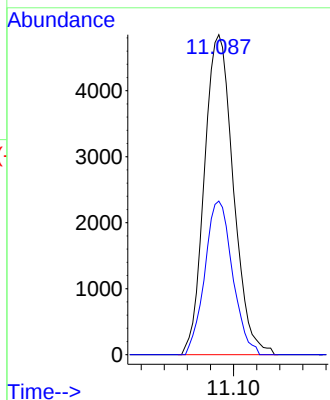
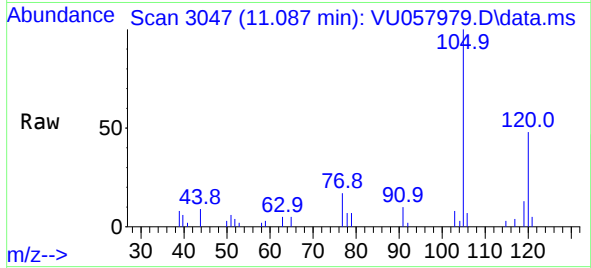
#62
1,3,5-Trimethylbenzene
Concen: 0.231 ug/L
RT: 11.087 min Scan# 3045
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion:105 Resp: 843
Ion Ratio Lower Upper
105 100
120 45.9 37.1 55.7

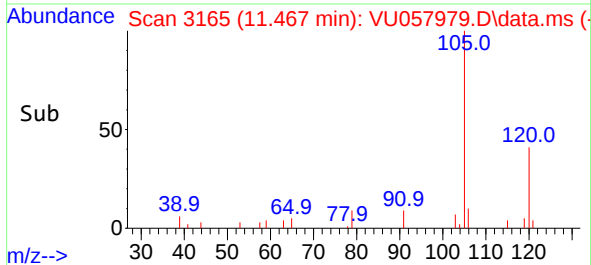
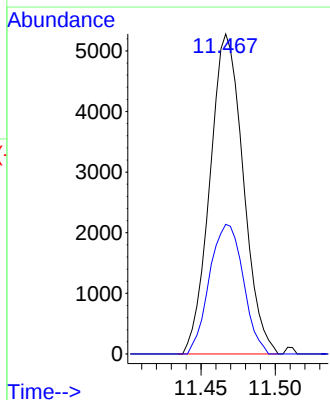
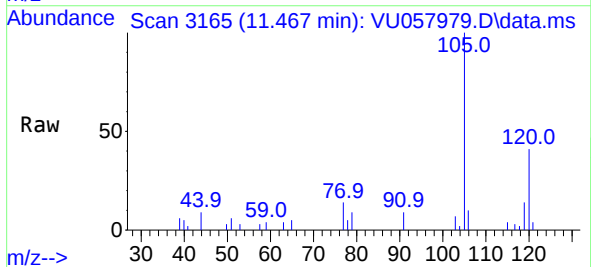
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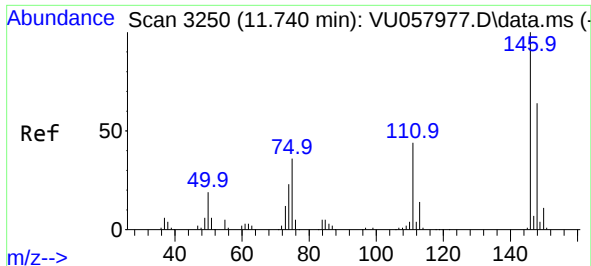
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#63
1,2,4-Trimethylbenzene
Concen: 0.228 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

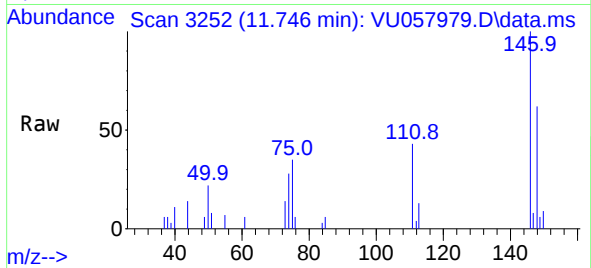
Tgt Ion:105 Resp: 8235
Ion Ratio Lower Upper
105 100
120 41.0 34.8 52.2





#64
1,3-Dichlorobenzene
Concen: 0.264 ug/L
RT: 11.746 min Scan# 3111
Delta R.T. 0.007 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

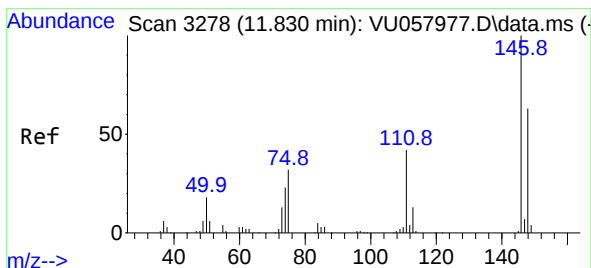
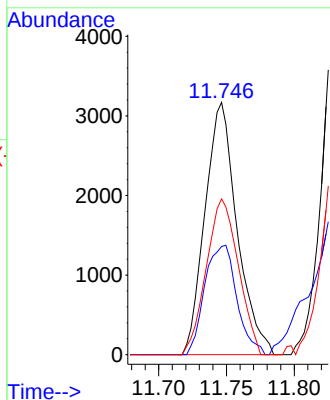
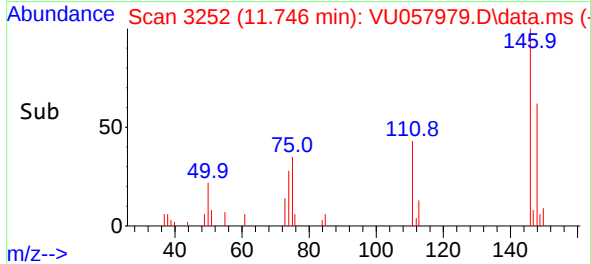
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02



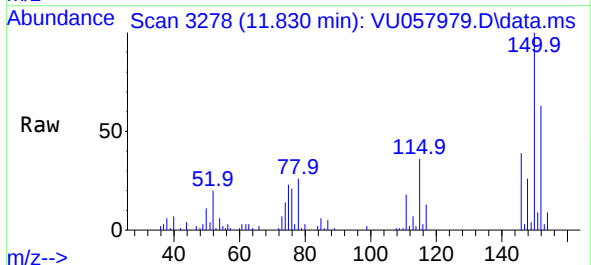
Tgt Ion:146 Resp: 5211
Ion Ratio Lower Upper
146 100
111 42.9 30.9 57.5
148 61.8 45.4 84.4

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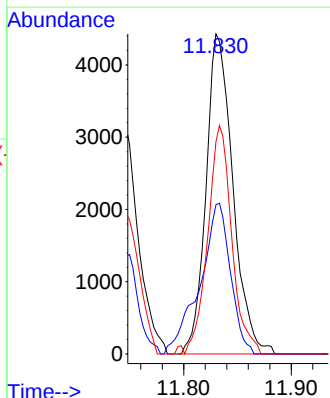
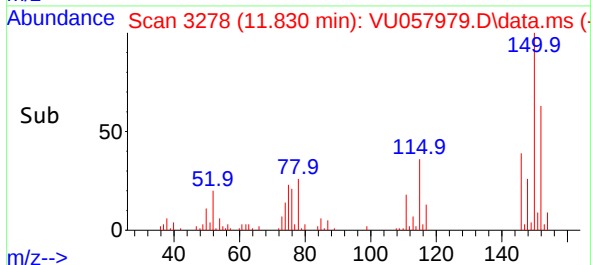
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

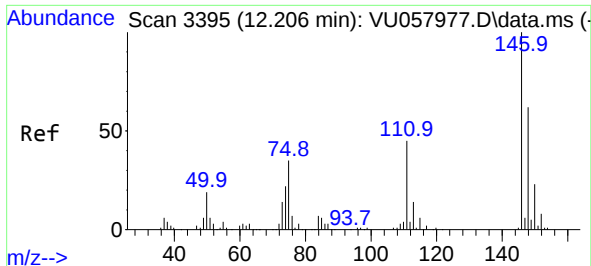


#65
1,4-Dichlorobenzene
Concen: 0.398 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38



Tgt Ion:146 Resp: 7684
Ion Ratio Lower Upper
146 100
111 46.6 30.1 55.9
148 66.4 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 0.258 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2024-02

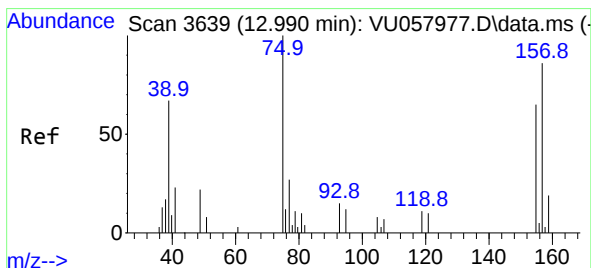
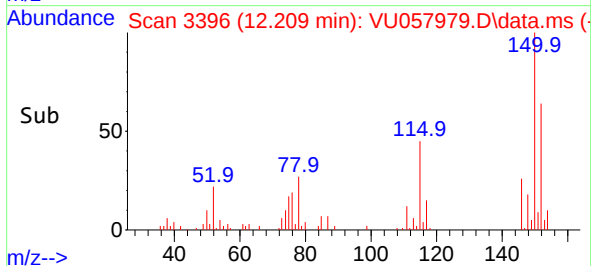
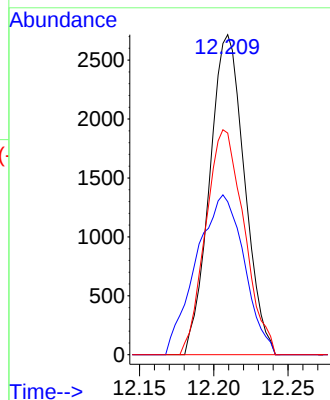
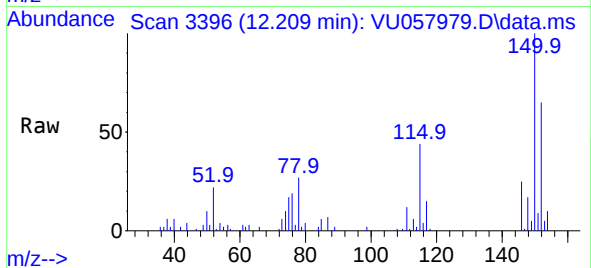
Tgt Ion:146 Resp: 443

Ion	Ratio	Lower	Upper
146	100		
111	47.8	37.4	56.0
148	69.3	50.8	76.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 0.201 ug/L

RT: 12.997 min Scan# 3641

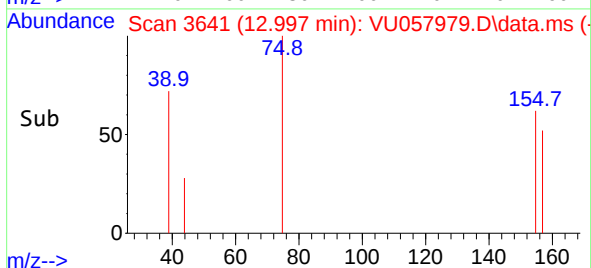
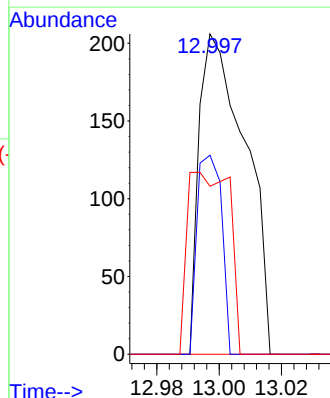
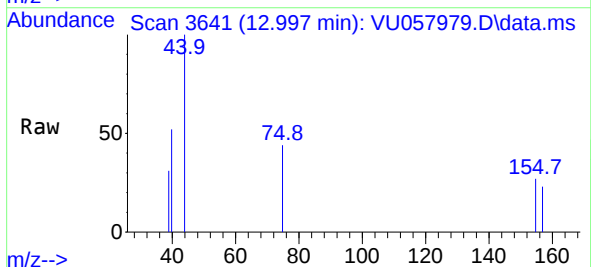
Delta R.T. 0.007 min

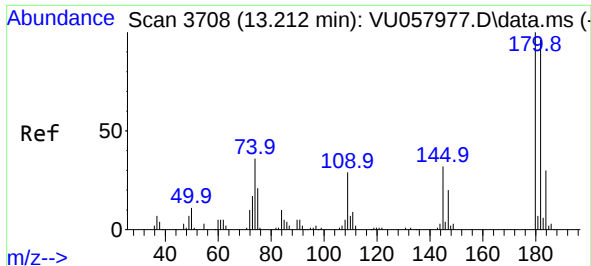
Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

Tgt Ion: 75 Resp: 213

Ion	Ratio	Lower	Upper
75	100		
155	62.1	61.0	91.6
157	52.4	74.6	112.0





#69

1,3,5-Trichlorobenzene

Concen: 0.232 ug/L

RT: 13.222 min Scan# 31

Delta R.T. 0.010 min

Lab File: VU057979.D

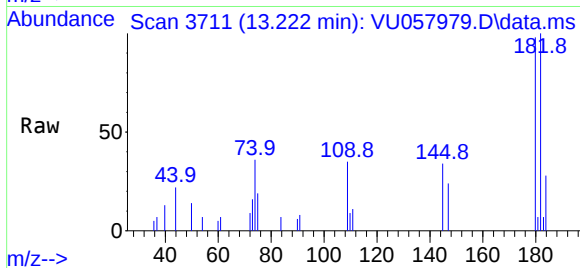
Acq: 01 Mar 2024 15:38

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2024-02



Tgt Ion:180 Resp: 3280

Ion Ratio Lower Upper

180 100

182 105.1 76.3 114.5

184 33.6 24.6 36.8

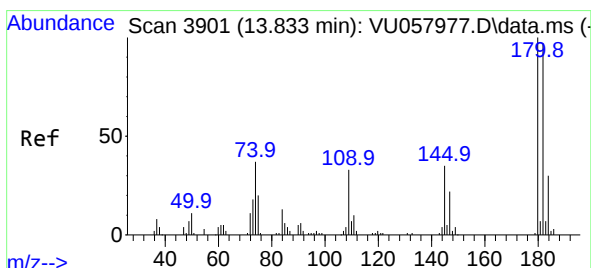
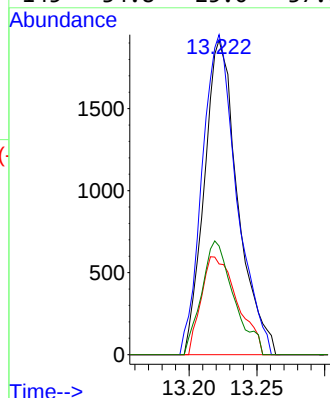
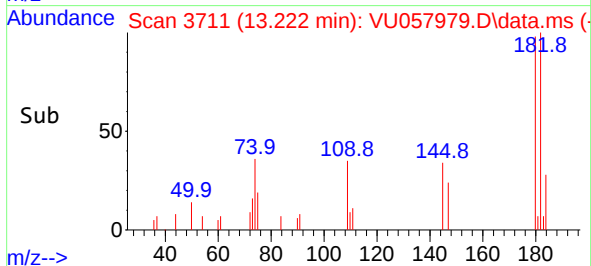
145 34.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024

Supervised By :Semsettin Yesilyurt 03/05/2024



#70

1,2,4-trichlorobenzene

Concen: 0.284 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.010 min

Lab File: VU057979.D

Acq: 01 Mar 2024 15:38

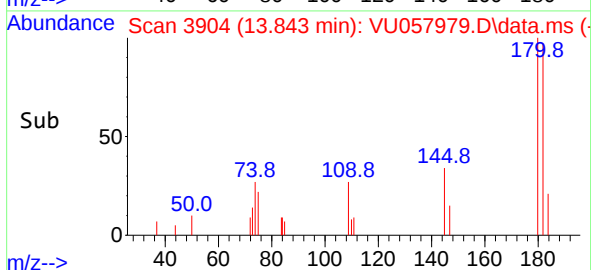
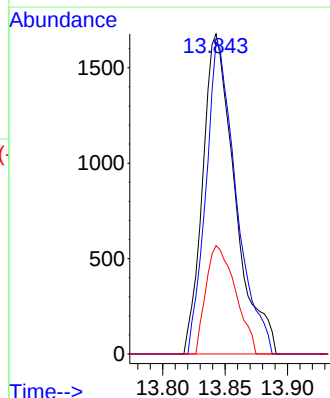
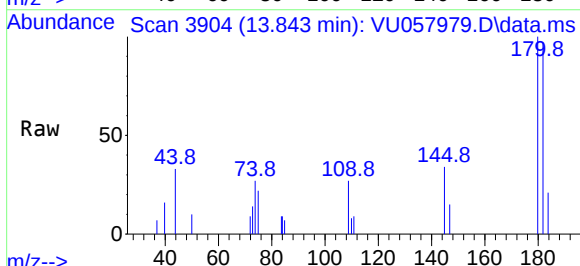
Tgt Ion:180 Resp: 3027

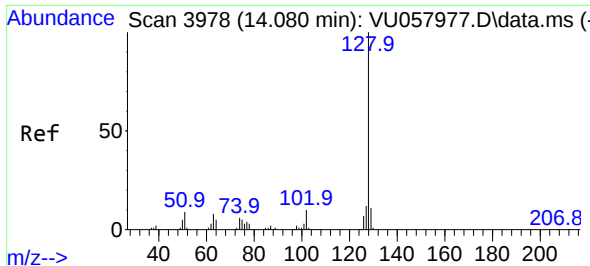
Ion Ratio Lower Upper

180 100

182 91.7 77.9 116.9

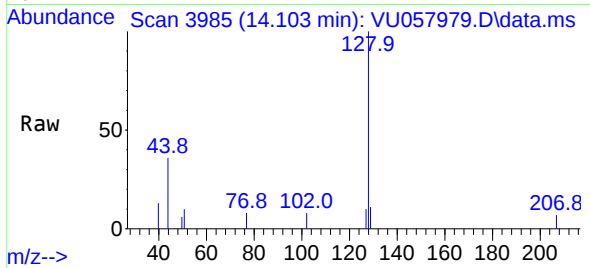
145 30.8 25.8 38.8





#71
Naphthalene
Concen: 0.252 ug/L
RT: 14.103 min Scan# 3978
Delta R.T. 0.023 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38

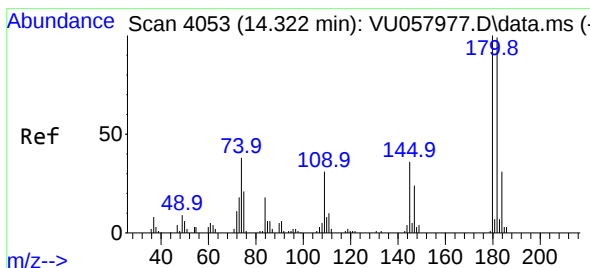
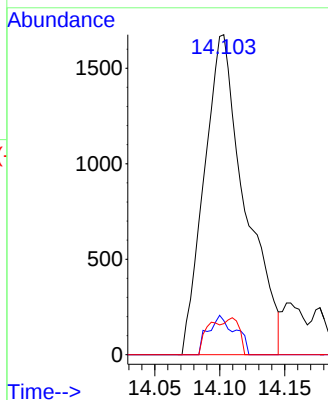
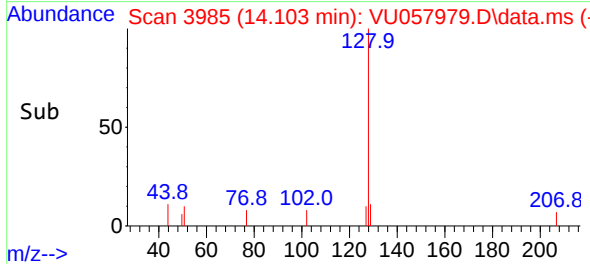
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2024-02



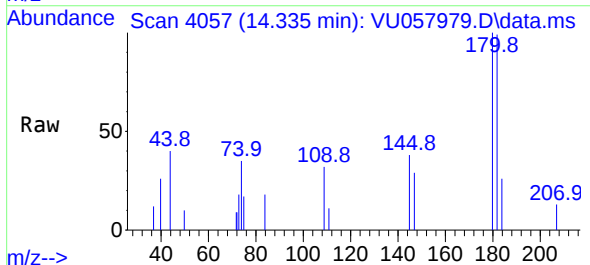
Tgt Ion:128 Resp: 3670
Ion Ratio Lower Upper
128 100
129 8.1 9.0 13.6
127 4.4 10.6 16.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#72
1,2,3-Trichlorobenzene
Concen: 0.248 ug/L
RT: 14.335 min Scan# 4057
Delta R.T. 0.013 min
Lab File: VU057979.D
Acq: 01 Mar 2024 15:38



Tgt Ion:180 Resp: 2089
Ion Ratio Lower Upper
180 100
182 105.9 77.6 116.4
145 32.8 28.7 43.1

