

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057799.D
 Acq On : 02 Feb 2024 18:06
 Operator : MD/SY
 Sample : P1187-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2024
 Supervised By : Mahesh Dadoda 02/14/2024

Quant Time: Feb 05 02:36:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Feb 05 02:31:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	40742	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13577	0.880	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13230	0.952	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	9202	0.678	ug/l	98
3) Chloromethane	1.518	50	9309	0.715	ug/l	98
4) Vinyl Chloride	1.602	62	9268	0.698	ug/l	93
5) Bromomethane	1.853	94	5956	0.756	ug/l	82
6) Chloroethane	1.930	64	5794	0.691	ug/l	94
7) Trichlorofluoromethane	2.133	101	13932	0.685	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	6970	0.667	ug/l	90
9) 1,1-Dichloroethene	2.576	96	7283	0.719	ug/l	93
10) Iodomethane	2.718	142	8172	0.680	ug/l	100
11) Allyl Chloride	2.917	41	9907	0.721	ug/l	90
12) Acrylonitrile	3.345	53	2103m	1.217	ug/l	
13) Acetone	2.647	43	10343	3.307	ug/l	94
14) Carbon Disulfide	2.788	76	22232	0.686	ug/l	99
15) Methylene Chloride	3.039	84	9708	0.803	ug/l	94
16) trans-1,2-Dichloroethene	3.348	96	7624	0.690	ug/l	95
17) 1,1-Dichloroethane	3.862	63	15169	0.727	ug/l	99
18) 2-Butanone	4.740	43	7337	2.177	ug/l	95
19) Cyclohexane	5.380	56	11575	0.708	ug/l	90
20) Methylcyclohexane	6.756	83	12719	0.644	ug/l	96
21) 2,2-Dichloropropane	4.657	77	12262	0.662	ug/l	96
22) cis-1,2-Dichloroethene	4.660	96	8181	0.676	ug/l	96
23) Diethyl Ether	2.374	59	5036	0.689	ug/l	91
24) tert-Butyl Alcohol	3.277	59	6462m	7.779	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	16797	0.707	ug/l	93
26) Bromochloromethane	4.975	128	3307	0.680	ug/l	93
27) Chloroform	5.081	83	15890	0.732	ug/l	100
28) 1,1,1-Trichloroethane	5.309	97	14011	0.715	ug/l	96
29) 1,1-Dichloropropene	5.525	75	11096	0.700	ug/l	95
30) Carbon Tetrachloride	5.518	117	11089	0.657	ug/l	95
31) Isopropyl Ether	3.985	45	22027	0.721	ug/l	98
32) Ethyl-t-butyl ether	4.496	59	20062	0.708	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	16865	0.706	ug/l	98
34) Propionitrile	4.817	54	2202m	3.152	ug/l	
35) Benzene	5.769	78	32032	0.702	ug/l	99
36) 1,2-Dichloroethane	5.795	62	9027	0.679	ug/l	97
37) Trichloroethene	6.538	130	8149	0.672	ug/l	98
38) 1,2-Dichloropropane	6.788	63	8233	0.696	ug/l	96
39) Methacrylonitrile	5.004	41	1664m	0.598	ug/l	
40) Methyl acrylate	4.872	55	2524	0.602	ug/l	# 71
41) Tetrahydrofuran	5.075	42	2073	1.394	ug/l	# 80
42) 1-Chlorobutane	5.454	56	14549	0.696	ug/l	98
43) Dibromomethane	6.920	93	3600	0.662	ug/l	# 85
44) Bromodichloromethane	7.103	83	10034	0.659	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	17671	3.047	ug/l	96
46) t-1,4-Dichloro-2-butene	10.836	75	1825m	1.385	ug/l	
47) Methyl methacrylate	6.965	69	6406	1.333	ug/l	95
48) Ethyl methacrylate	8.335	69	5913	0.614	ug/l	100
49) Toluene	7.968	92	18764	0.673	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	8116	0.617	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	11295	0.678	ug/l	93
52) 1,1,2-Trichloroethane	8.396	97	4983	0.665	ug/l	95
53) 1,3-Dichloropropane	8.573	76	9032	0.670	ug/l	99
54) 2-Hexanone	8.689	43	14597	2.734	ug/l	97
55) Dibromochloromethane	8.804	129	5864	0.632	ug/l	99
56) 1,2-Dibromoethane	8.920	107	4867	0.705	ug/l	94
58) Tetrachloroethene	8.550	164	7475	0.699	ug/l	98
59) Chlorobenzene	9.444	112	20932	0.679	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	6852	0.655	ug/l	98
61) Pentachloroethane	11.422	117	4619	0.607	ug/l	95
62) Hexachloroethane	12.470	117	4446	0.536	ug/l	96
63) Ethyl Benzene	9.566	91	35637	0.650	ug/l	99
64) m/p-Xylenes	9.692	106	25554	1.284	ug/l	94
65) o-Xylene	10.097	106	12560	0.637	ug/l	95
66) Styrene	10.113	104	17216	0.585	ug/l	95
67) Bromoform	10.290	173	2834	0.593	ug/l #	94
69) Isopropylbenzene	10.479	105	32306	0.625	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.779	83	5700	0.607	ug/l #	96
71) 1,2,3-Trichloropropane	10.820	75	4667m	0.601	ug/l	
72) Bromobenzene	10.779	156	7243	0.637	ug/l	81
73) n-propylbenzene	10.901	120	9503	0.732	ug/l	91
74) 2-Chlorotoluene	10.981	126	7680	0.638	ug/l	85
75) 1,3,5-Trimethylbenzene	11.084	105	27179	0.612	ug/l	99
76) 4-Chlorotoluene	11.097	126	7463	0.617	ug/l	87
77) tert-Butylbenzene	11.415	119	26900	0.646	ug/l	97
78) 1,2,4-Trimethylbenzene	11.467	105	27863	0.619	ug/l	100
79) sec-Butylbenzene	11.640	105	34674	0.651	ug/l	99
80) Nitrobenzene	13.232	77	434	2.356	ug/l #	40
81) p-Isopropyltoluene	11.788	119	27700	0.617	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	14845	0.646	ug/l	96
83) 1,4-Dichlorobenzene	11.836	146	14543	0.648	ug/l	99
84) n-Butylbenzene	12.206	91	25565	0.596	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	13875	0.665	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.000	75	717	0.557	ug/l #	81
87) 1,2,4-Trichlorobenzene	13.843	180	7064	0.567	ug/l	92
88) Hexachlorobutadiene	14.016	225	5154	0.645	ug/l	96
89) Naphthalene	14.090	128	11343	0.590	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	6259	0.604	ug/l	98

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



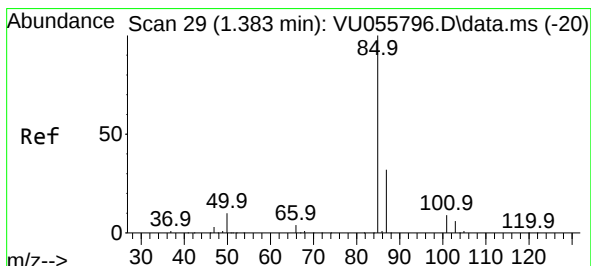
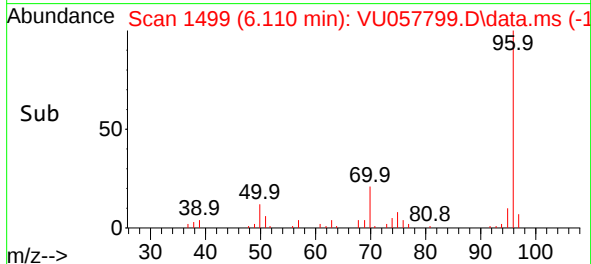
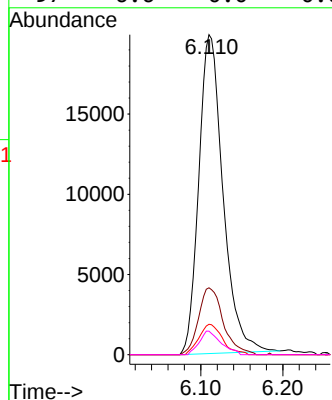
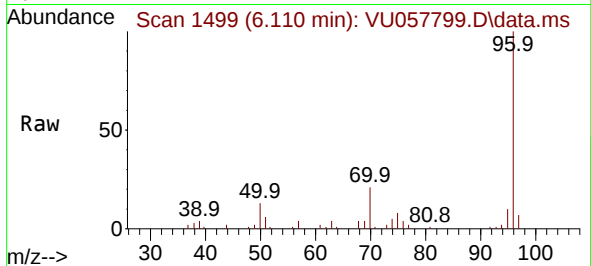
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 96 Resp: 4074
Ion Ratio Lower Upper
96 100
70 21.4 16.5 24.7
95 9.3 7.4 11.0
97 6.6 0.0 0.0#

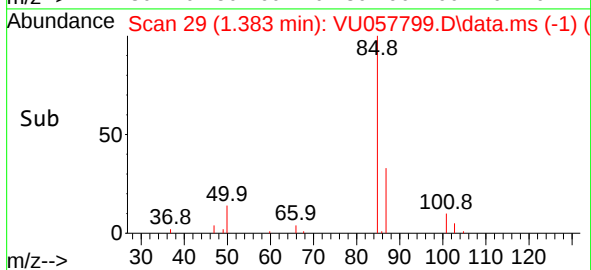
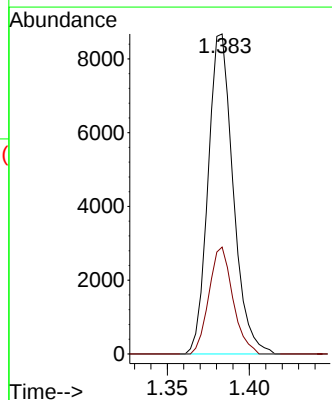
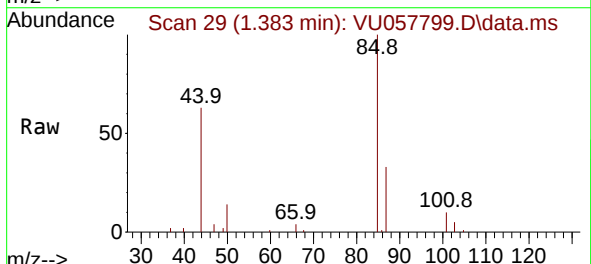
Manual Integrations
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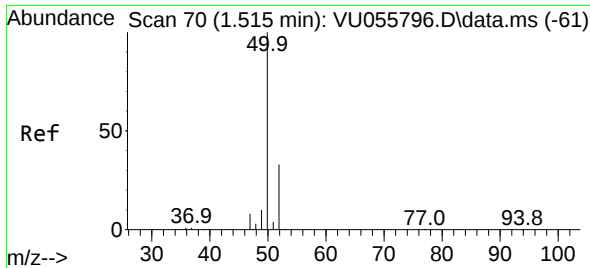
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#2
Dichlorodifluoromethane
Concen: 0.678 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

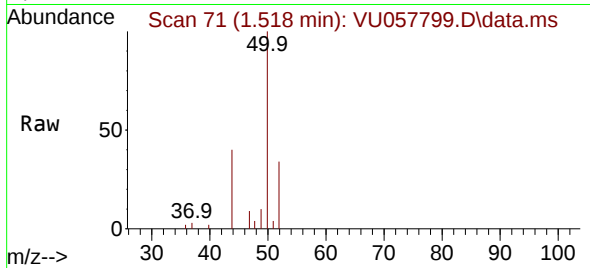
Tgt Ion: 85 Resp: 9202
Ion Ratio Lower Upper
85 100
87 33.4 16.2 48.6





#3
Chloromethane
Concen: 0.715 ug/l
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

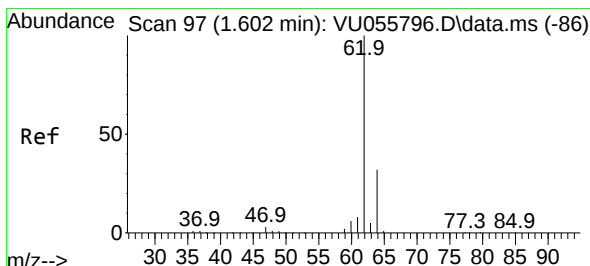
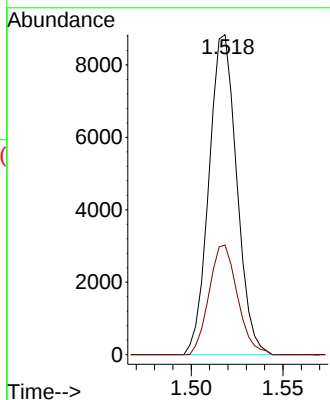
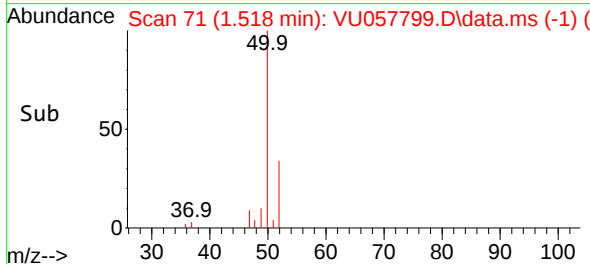
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 50 Resp: 9309
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0

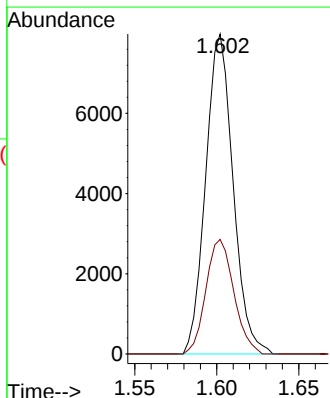
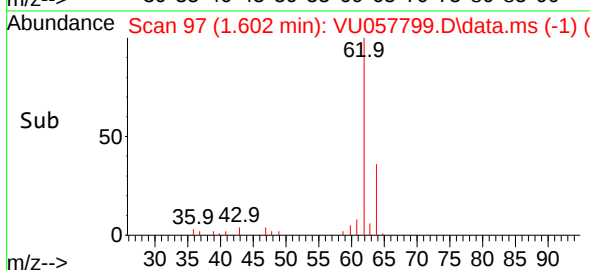
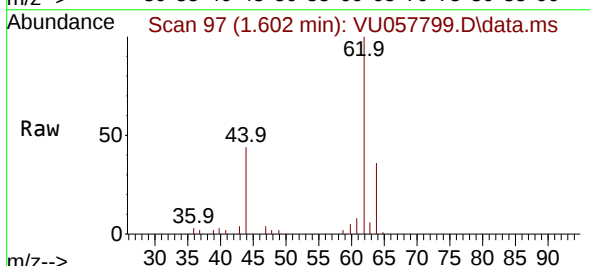
Manual Integrations
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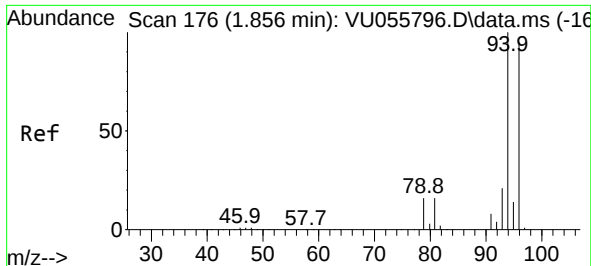
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#4
Vinyl Chloride
Concen: 0.698 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

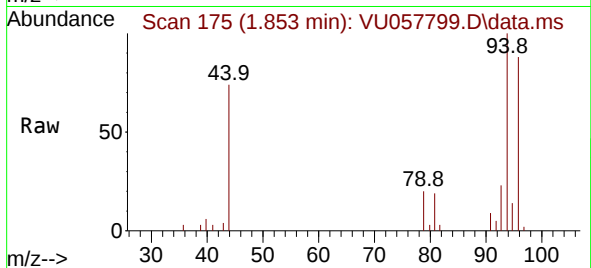
Tgt Ion: 62 Resp: 9268
Ion Ratio Lower Upper
62 100
64 35.8 25.4 38.2





#5
Bromomethane
Concen: 0.756 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

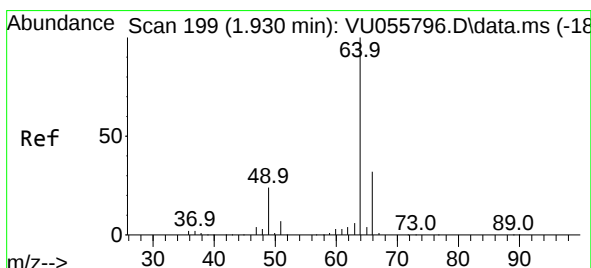
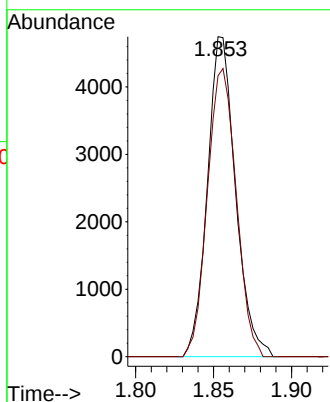
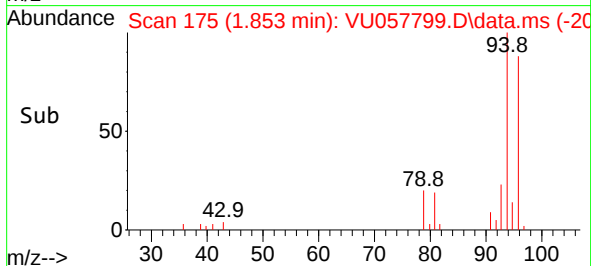
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 94 Resp: 5950
Ion Ratio Lower Upper
94 100
96 77.3 75.4 113.2

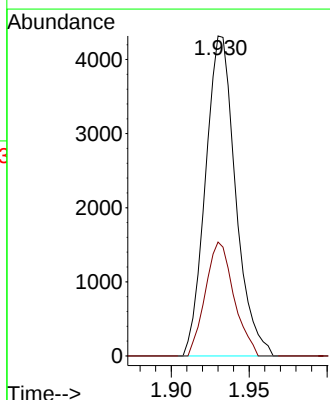
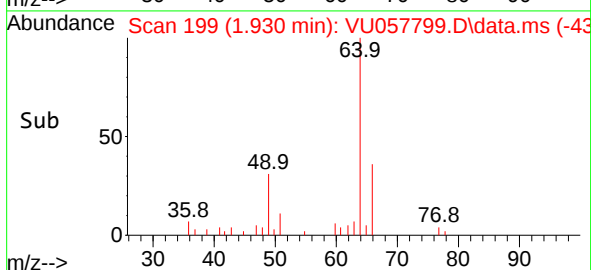
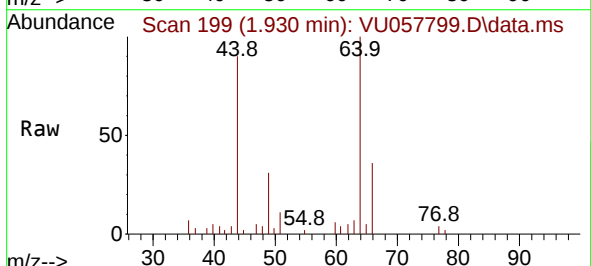
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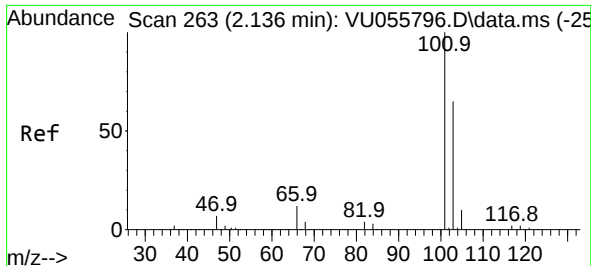
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#6
Chloroethane
Concen: 0.691 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 64 Resp: 5794
Ion Ratio Lower Upper
64 100
66 35.6 26.0 39.0





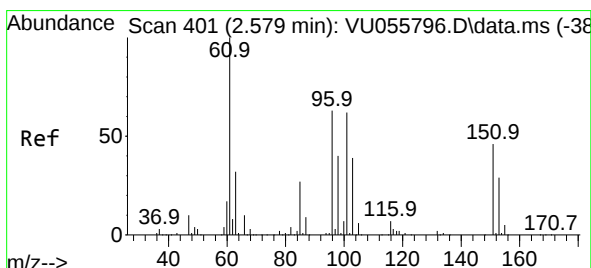
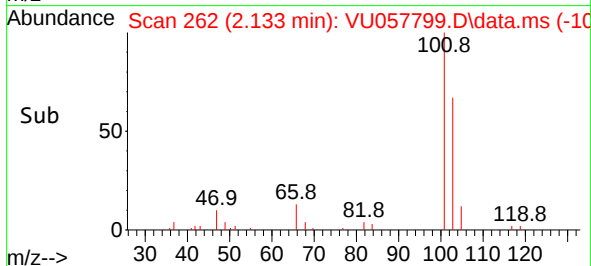
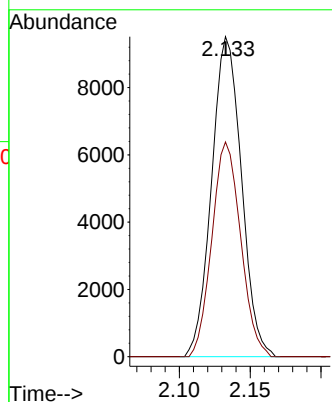
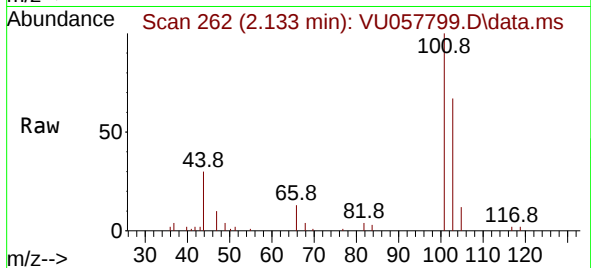
#7
Trichlorofluoromethane
Concen: 0.685 ug/l
RT: 2.133 min Scan# 210
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:101 Resp: 13932
Ion Ratio Lower Upper
101 100
103 67.1 51.4 77.0

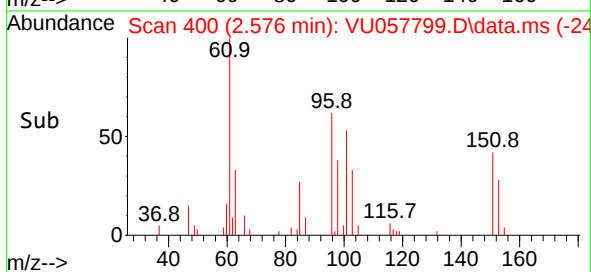
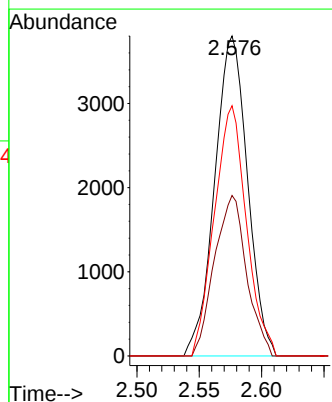
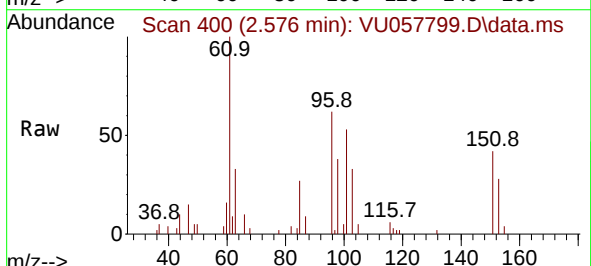
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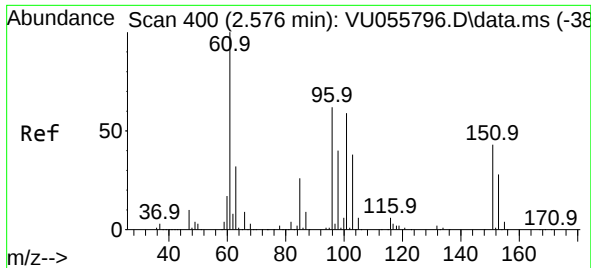
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.667 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

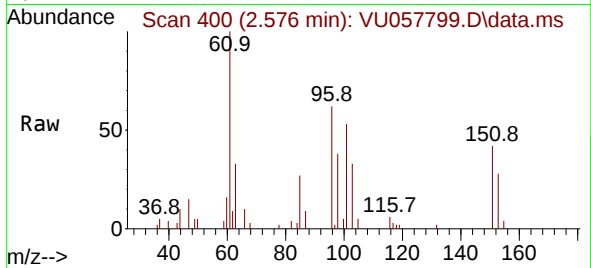
Tgt Ion:101 Resp: 6970
Ion Ratio Lower Upper
101 100
85 49.2 35.4 53.0
151 76.4 54.0 81.0





#9
1,1-Dichloroethene
Concen: 0.719 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

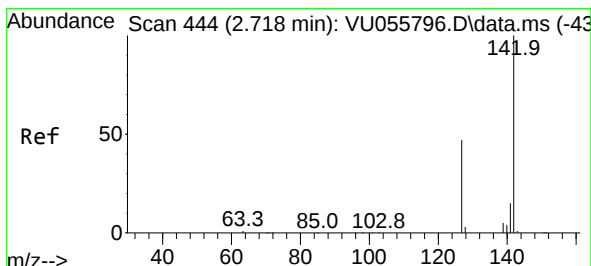
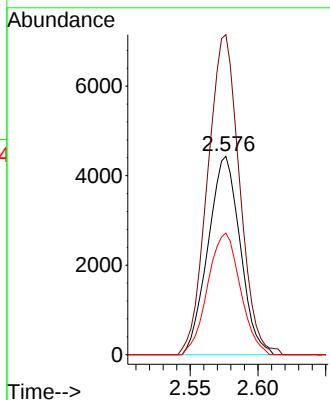
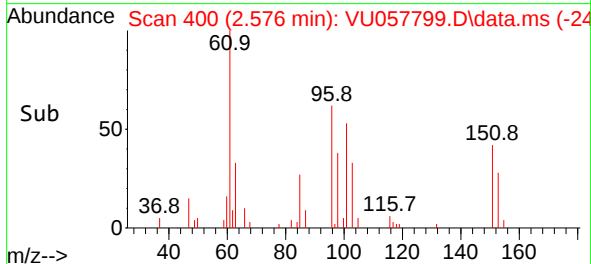
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 96 Resp: 728
Ion Ratio Lower Upper
96 100
61 161.2 0.0 521.4
98 61.3 0.0 125.8

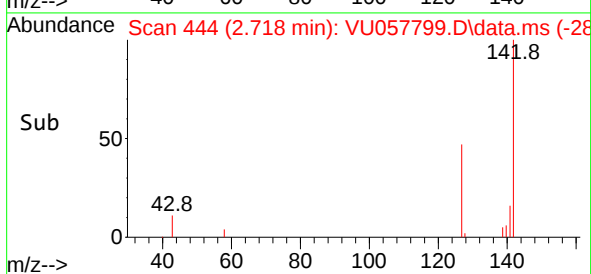
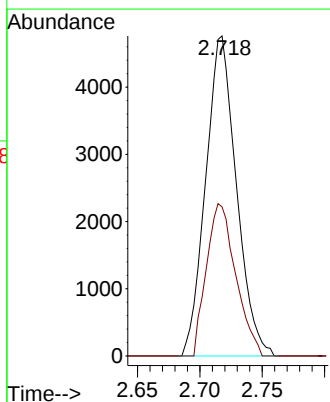
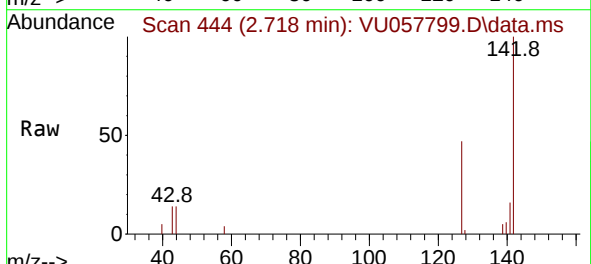
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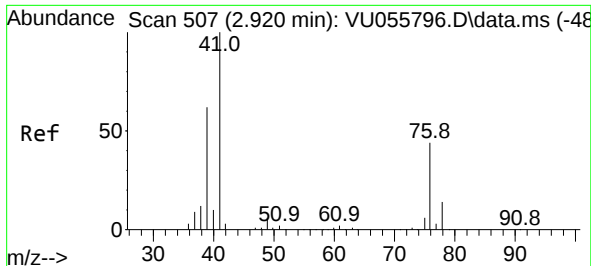
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#10
Iodomethane
Concen: 0.680 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

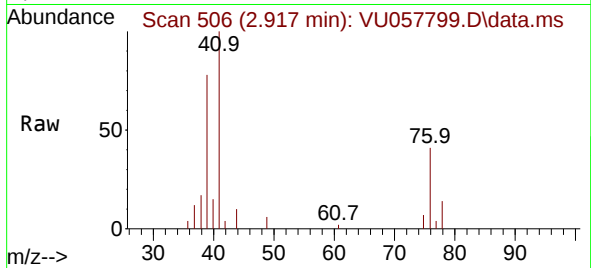
Tgt Ion:142 Resp: 8172
Ion Ratio Lower Upper
142 100
127 45.2 35.9 53.9





#11
 Allyl Chloride
 Concen: 0.721 ug/l
 RT: 2.917 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VU057799.D
 Acq: 02 Feb 2024 18:06

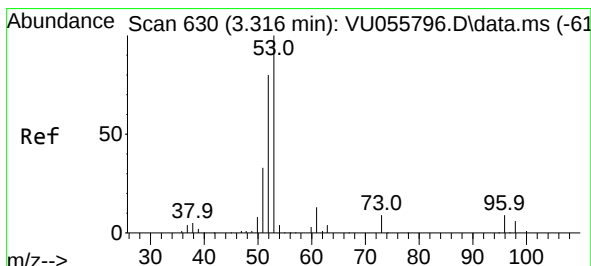
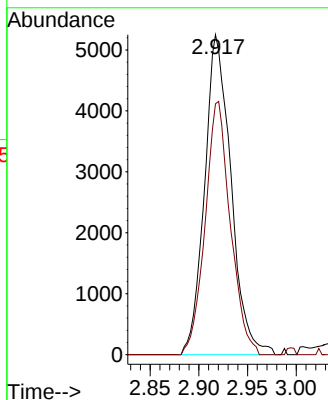
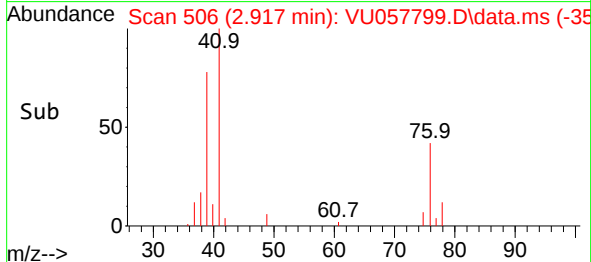
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2024



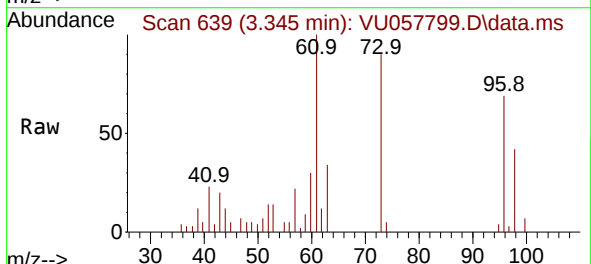
Tgt Ion: 41 Resp: 990
 Ion Ratio Lower Upper
 41 100
 39 75.5 54.2 81.2

Manual Integrations
 APPROVED

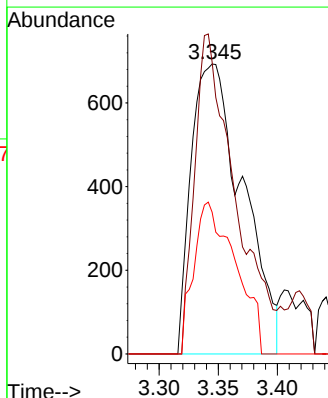
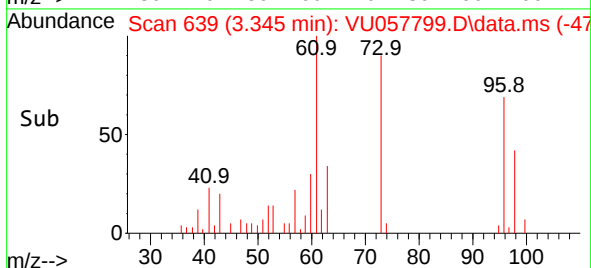
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

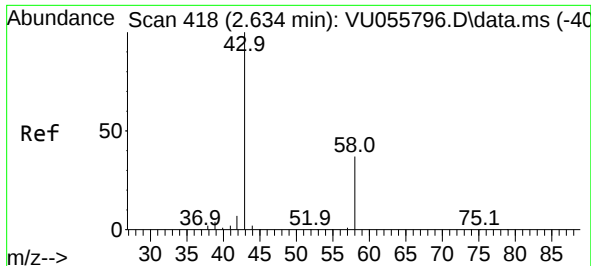


#12
 Acrylonitrile
 Concen: 1.217 ug/l m
 RT: 3.345 min Scan# 639
 Delta R.T. 0.029 min
 Lab File: VU057799.D
 Acq: 02 Feb 2024 18:06



Tgt Ion: 53 Resp: 2103
 Ion Ratio Lower Upper
 53 100
 52 86.9 62.9 94.3
 51 42.5 27.8 41.6#





#13

Acetone

Concen: 3.307 ug/l

RT: 2.647 min Scan# 418

Delta R.T. 0.013 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 1034

Ion Ratio Lower Upper

43 100

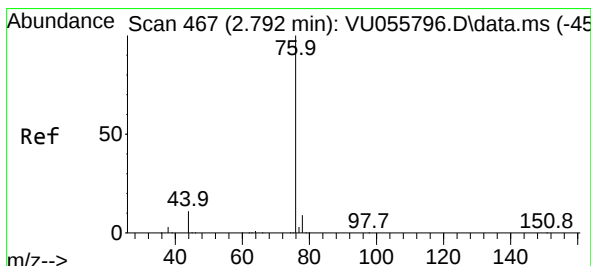
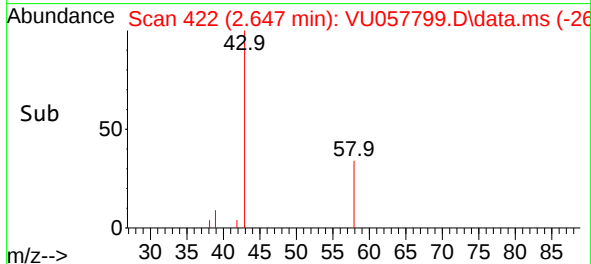
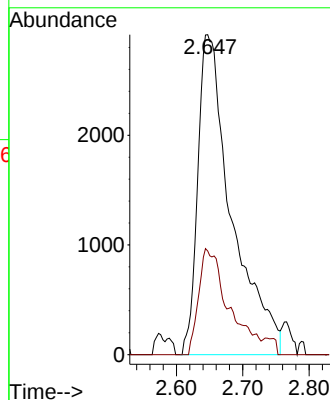
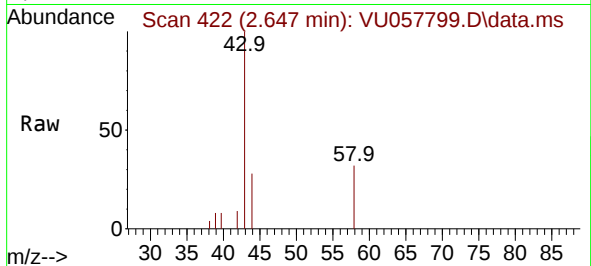
58 32.4 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#14

Carbon Disulfide

Concen: 0.686 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU057799.D

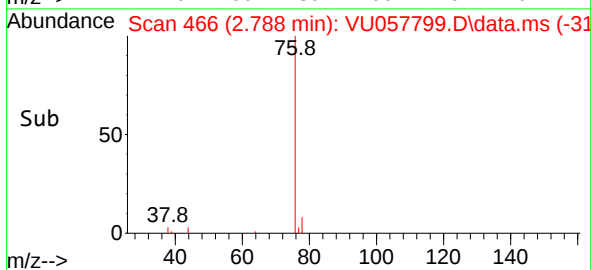
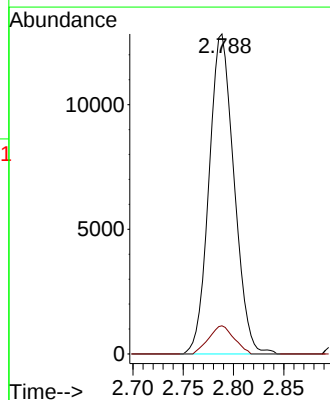
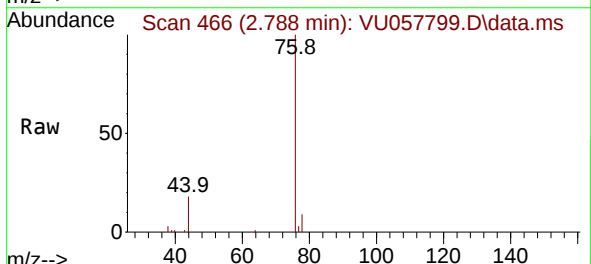
Acq: 02 Feb 2024 18:06

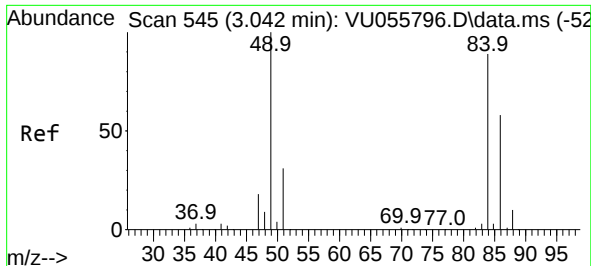
Tgt Ion: 76 Resp: 22232

Ion Ratio Lower Upper

76 100

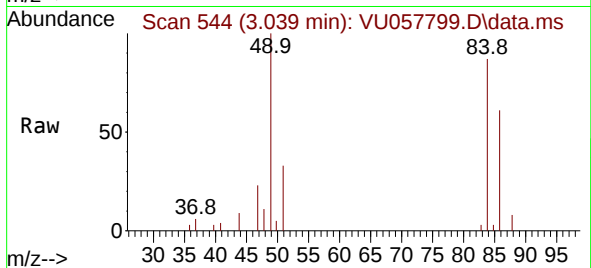
78 8.8 7.4 11.0





#15
Methylene Chloride
Concen: 0.803 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

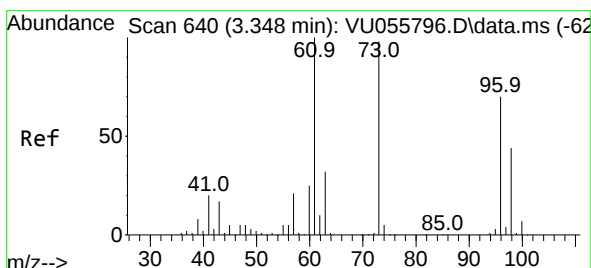
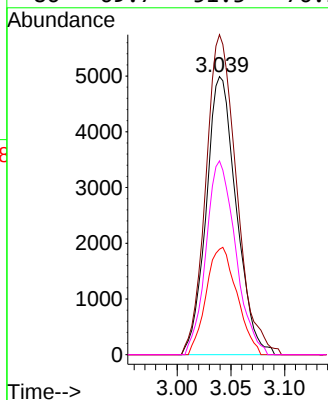
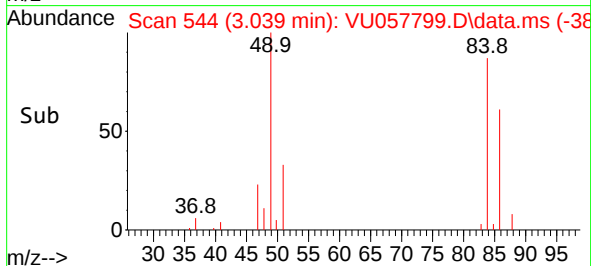
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:	84	Resp:	970
Ion	Ratio	Lower	Upper
84	100		
49	115.1	98.9	148.3
51	37.9	0.0	75.4
86	69.7	51.3	76.9

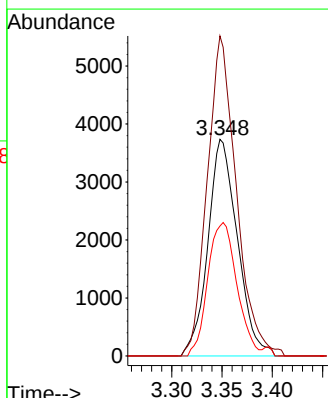
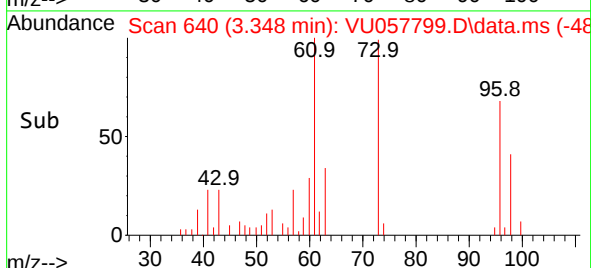
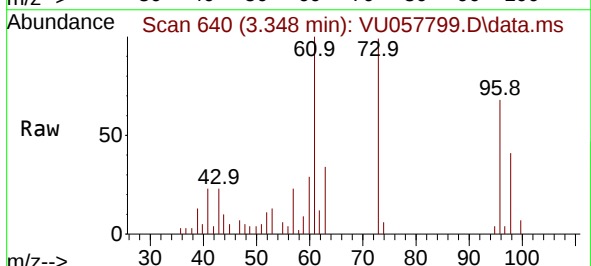
Manual Integrations
APPROVED

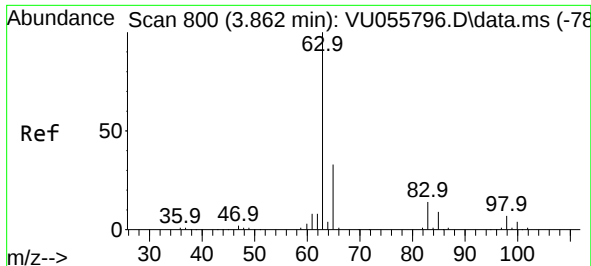
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#16
trans-1,2-Dichloroethene
Concen: 0.690 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:	96	Resp:	7624
Ion	Ratio	Lower	Upper
96	100		
61	140.1	117.5	176.3
98	56.9	48.3	72.5





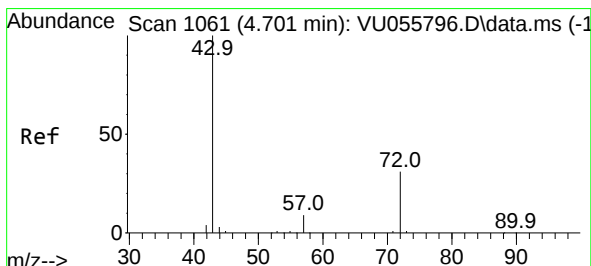
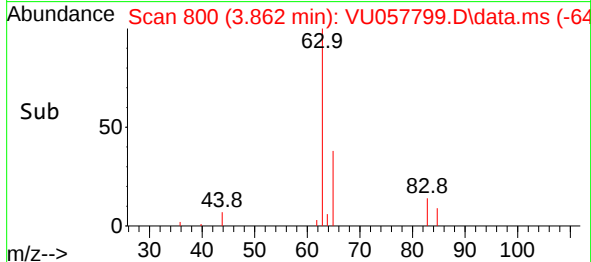
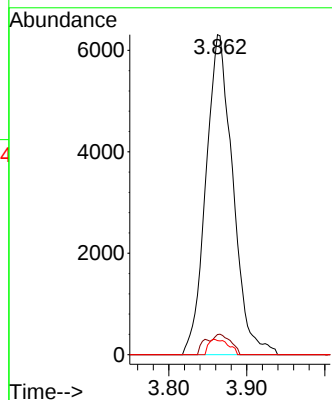
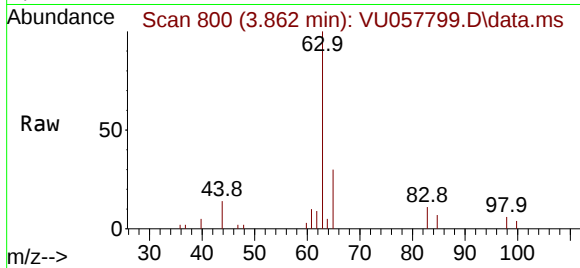
#17
1,1-Dichloroethane
Concen: 0.727 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 63 Resp: 15169
Ion Ratio Lower Upper
63 100
98 6.3 3.4 10.1
100 4.4 2.2 6.6

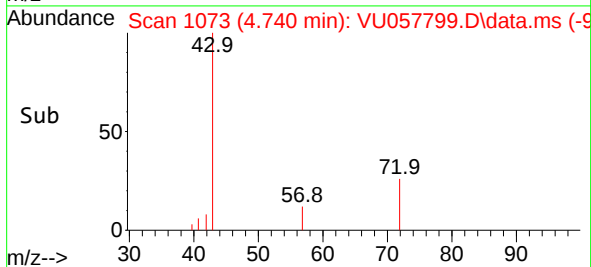
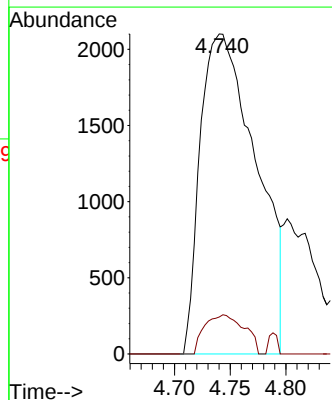
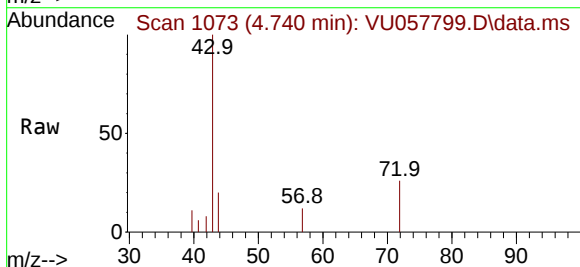
Manual Integrations
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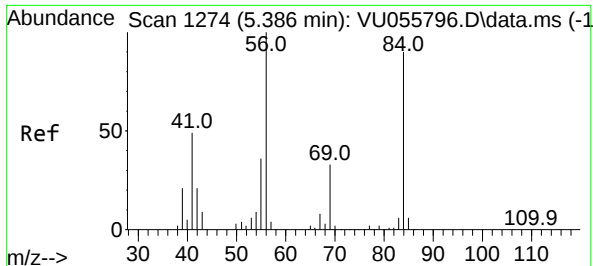
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#18
2-Butanone
Concen: 2.177 ug/l
RT: 4.740 min Scan# 1073
Delta R.T. 0.039 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 43 Resp: 7337
Ion Ratio Lower Upper
43 100
57 11.6 0.0 19.6





#19

Cyclohexane

Concen: 0.708 ug/l

RT: 5.380 min Scan# 1157

Delta R.T. -0.006 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

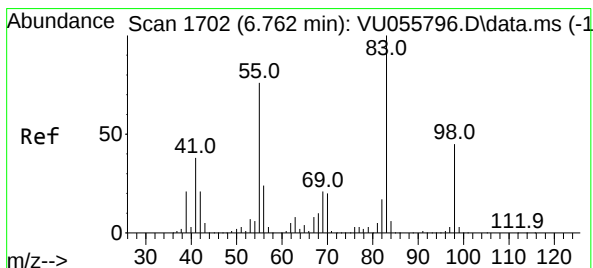
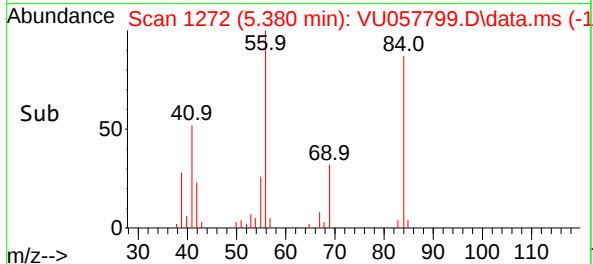
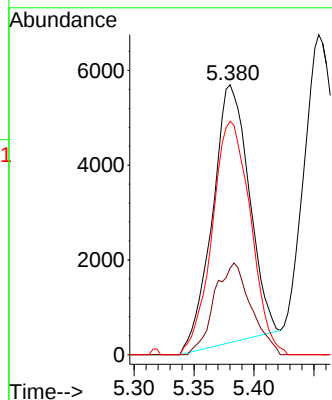
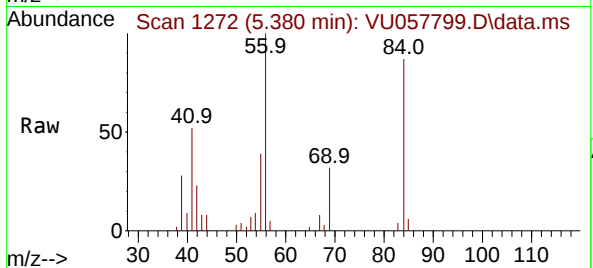
Tgt Ion:	56	Resp:	1157
Ion Ratio	Lower	Upper	
56	100		
69	35.7	24.6	37.0
84	94.9	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 0.644 ug/l

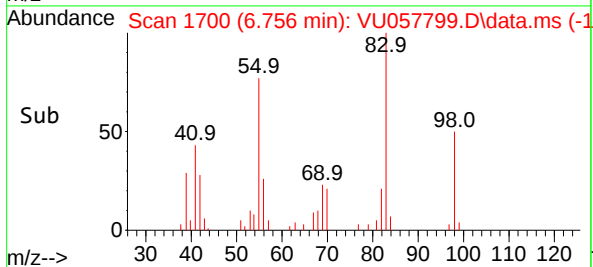
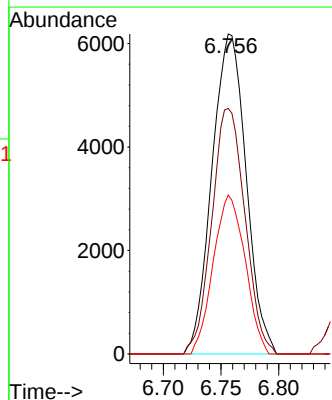
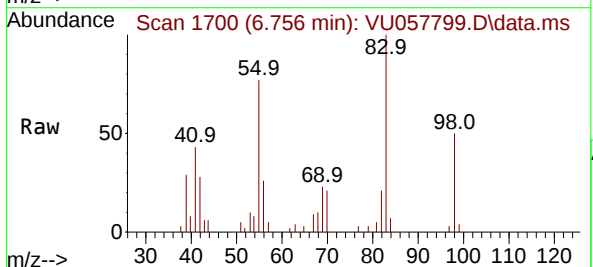
RT: 6.756 min Scan# 1700

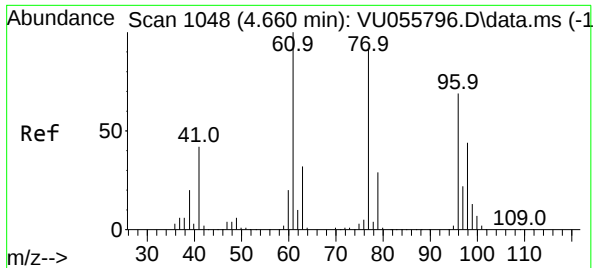
Delta R.T. -0.006 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Tgt Ion:	83	Resp:	12719
Ion Ratio	Lower	Upper	
83	100		
55	74.5	63.5	95.3
98	46.3	36.0	54.0





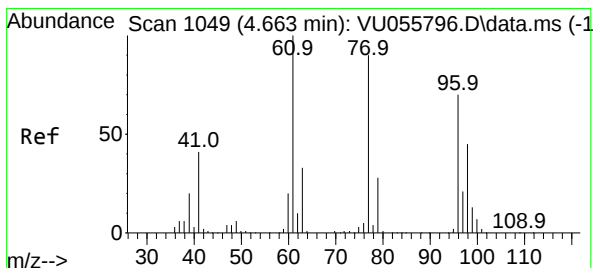
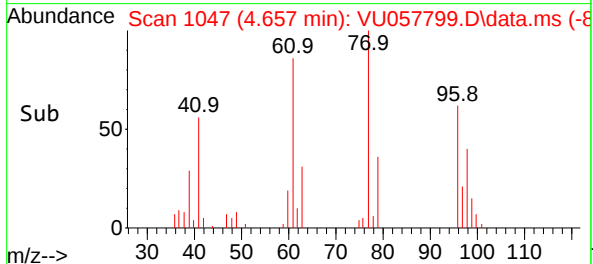
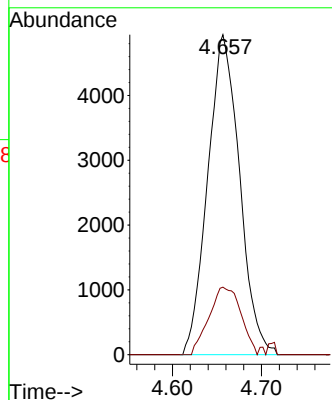
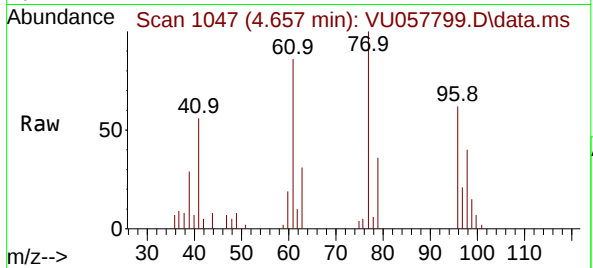
#21
2,2-Dichloropropane
Concen: 0.662 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 77 Resp: 1226
Ion Ratio Lower Upper
77 100
97 21.2 18.4 27.6

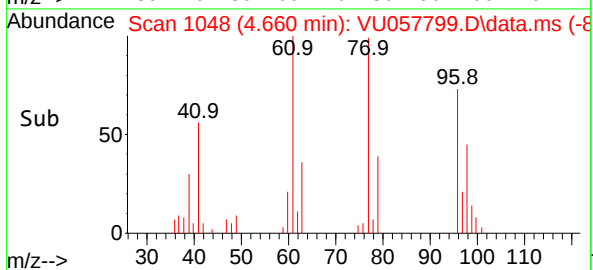
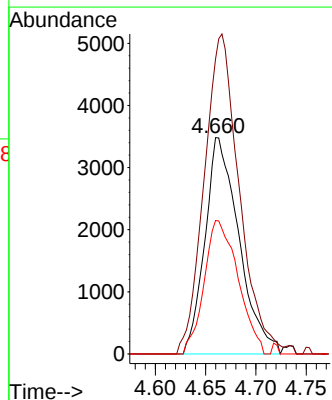
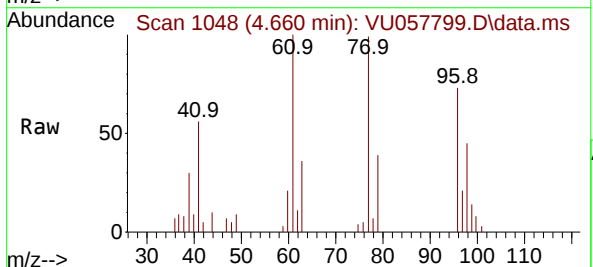
Manual Integrations
APPROVED

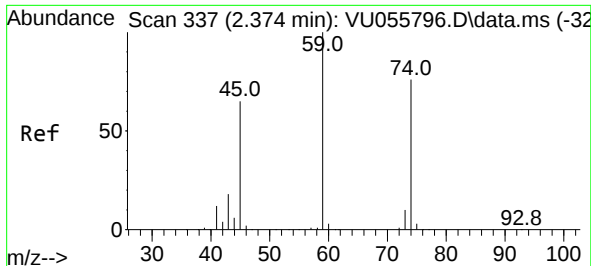
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#22
cis-1,2-Dichloroethene
Concen: 0.676 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 96 Resp: 8181
Ion Ratio Lower Upper
96 100
61 152.1 0.0 365.8
98 61.4 32.0 96.0





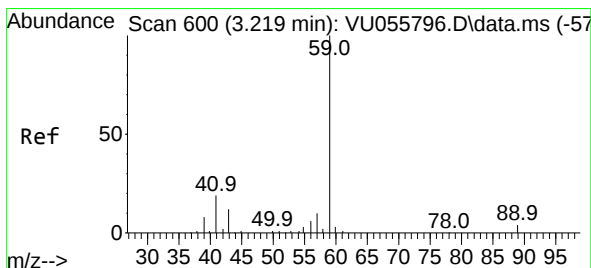
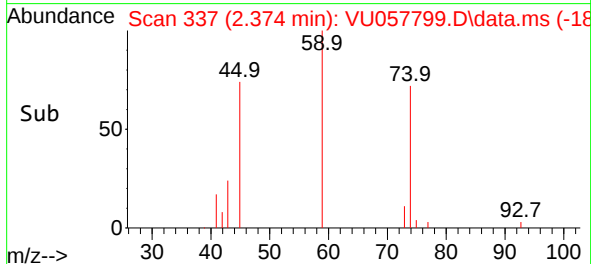
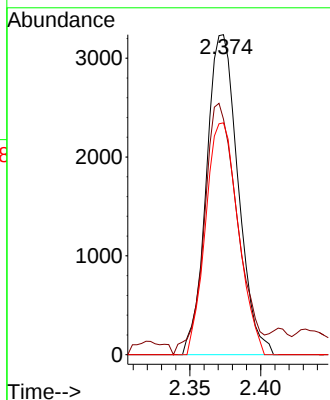
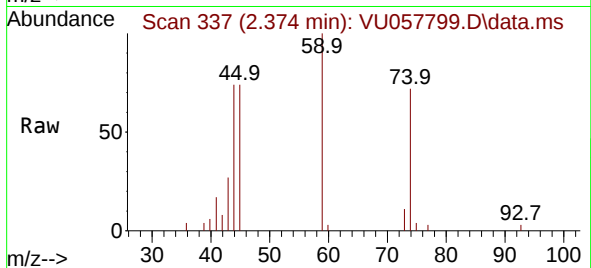
#23
Diethyl Ether
Concen: 0.689 ug/l
RT: 2.374 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion: 59 Resp: 5036
Ion Ratio Lower Upper
59 100
45 82.2 56.1 84.1
74 74.5 57.4 86.2

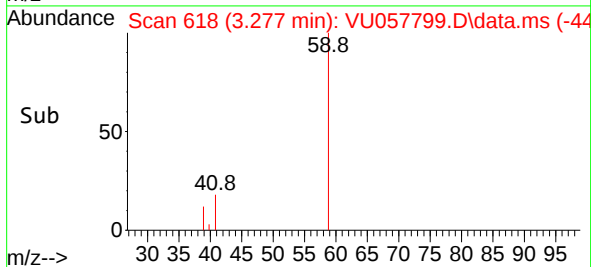
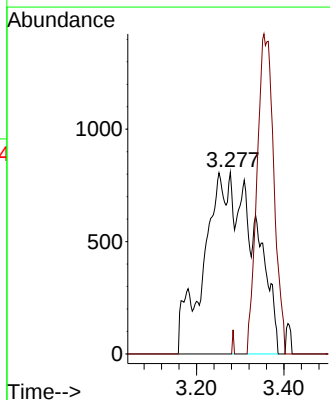
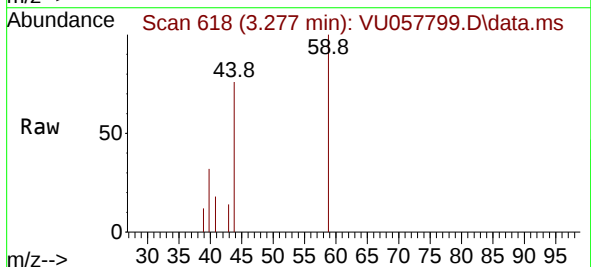
Manual Integrations
APPROVED

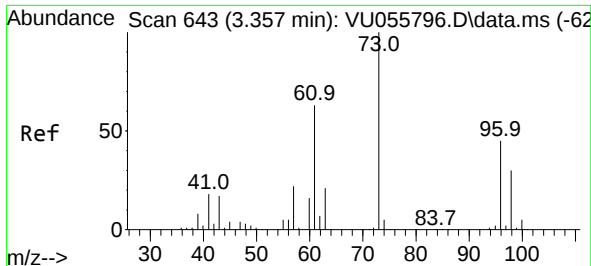
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#24
tert-Butyl Alcohol
Concen: 7.779 ug/l m
RT: 3.277 min Scan# 618
Delta R.T. 0.058 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

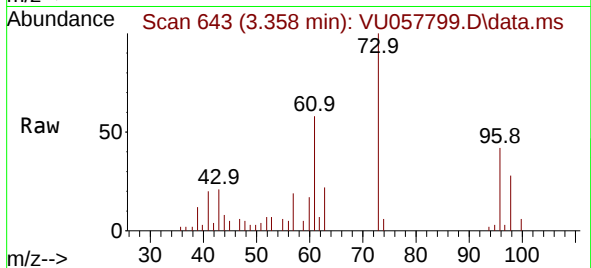
Tgt Ion: 59 Resp: 6462
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 0.707 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.001 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

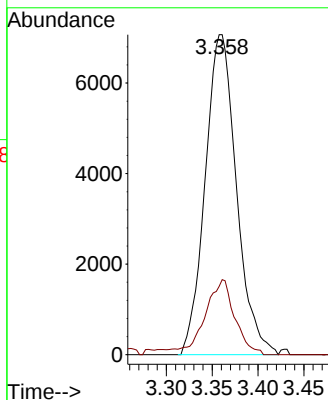
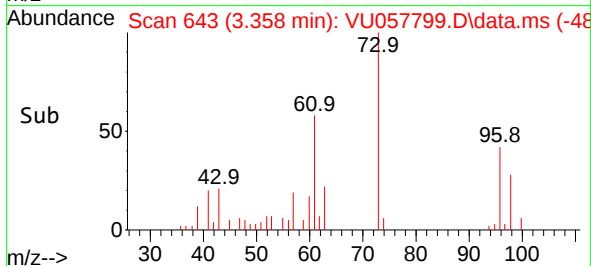
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



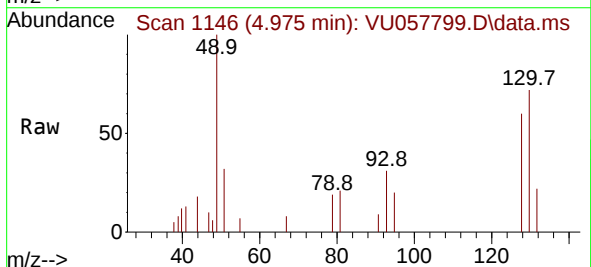
Tgt Ion: 73 Resp: 1679
Ion Ratio Lower Upper
73 100
43 22.0 15.0 22.6

Manual Integrations
APPROVED

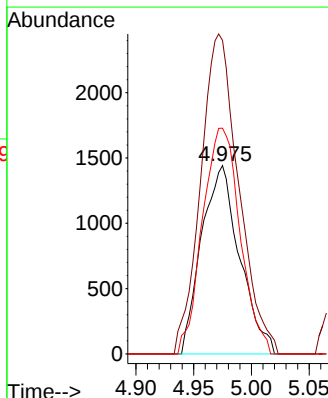
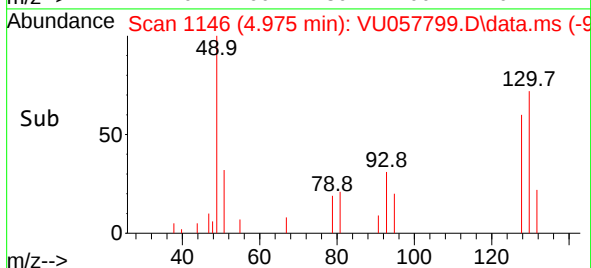
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

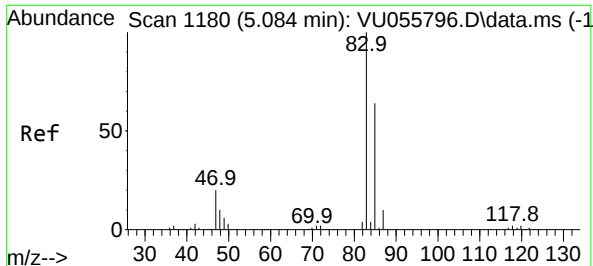


#26
Bromochloromethane
Concen: 0.680 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.007 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06



Tgt Ion:128 Resp: 3307
Ion Ratio Lower Upper
128 100
49 169.7 0.0 324.6
130 118.4 103.0 154.4





#27

Chloroform

Concen: 0.732 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 83 Resp: 15890

Ion Ratio Lower Upper

83 100

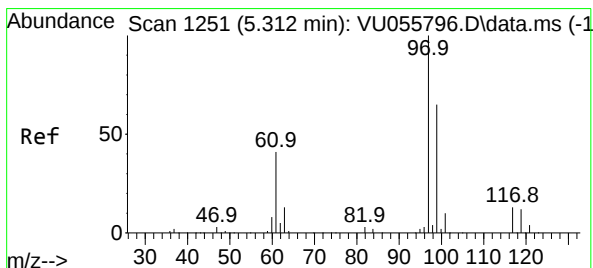
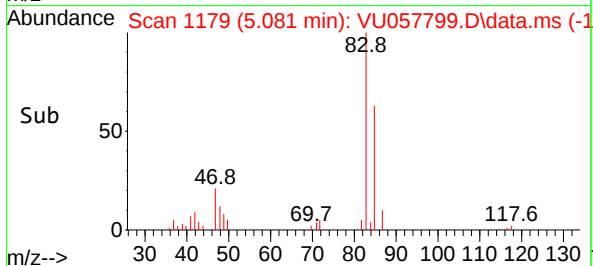
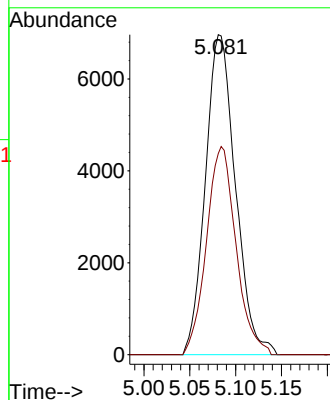
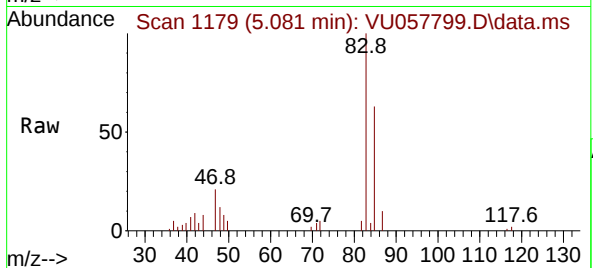
85 62.9 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 0.715 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

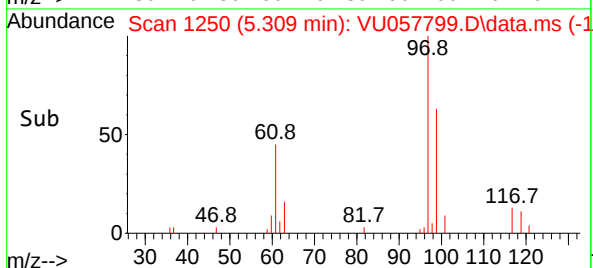
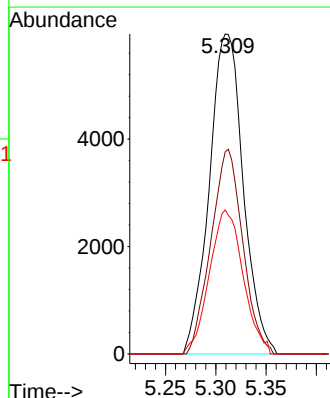
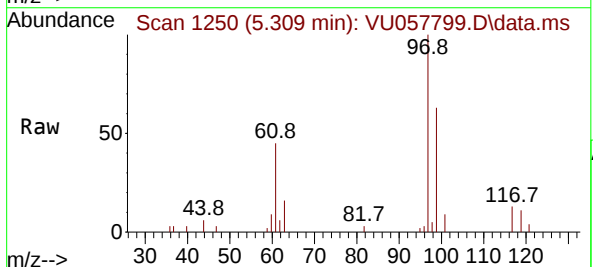
Tgt Ion: 97 Resp: 14011

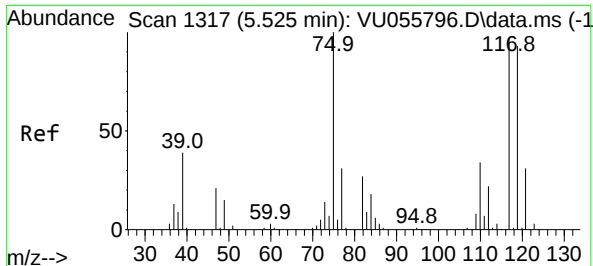
Ion Ratio Lower Upper

97 100

99 59.9 32.0 96.2

61 44.6 22.9 68.5





#29

1,1-Dichloropropene

Concen: 0.700 ug/l

RT: 5.525 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 75 Resp: 11090

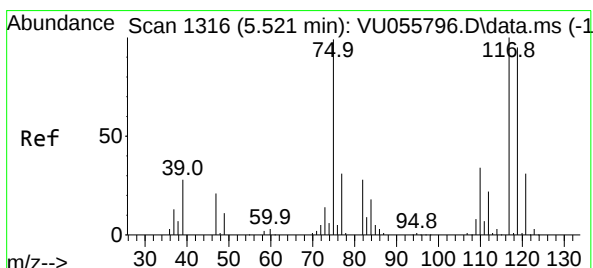
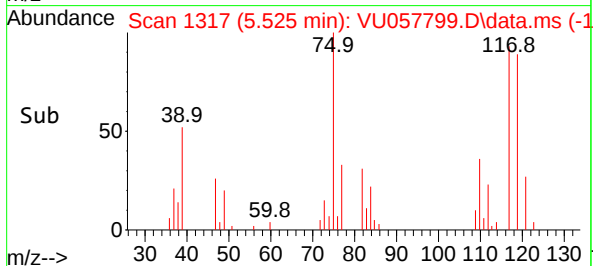
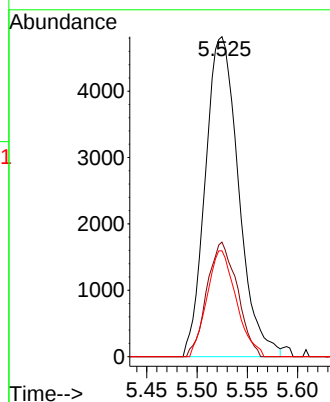
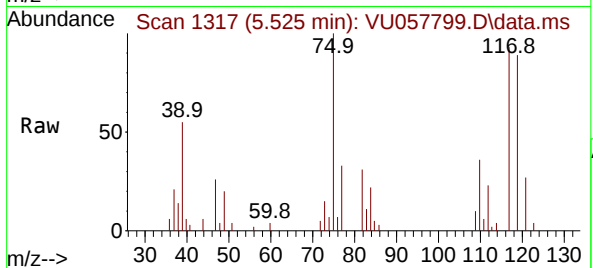
Ion	Ratio	Lower	Upper
75	100		
110	32.6	18.0	54.0
77	29.1	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#30

Carbon Tetrachloride

Concen: 0.657 ug/l

RT: 5.518 min Scan# 1315

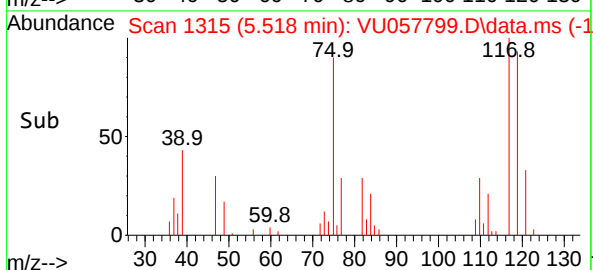
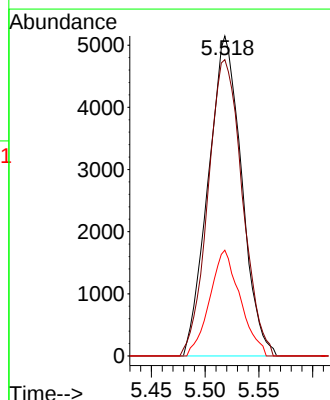
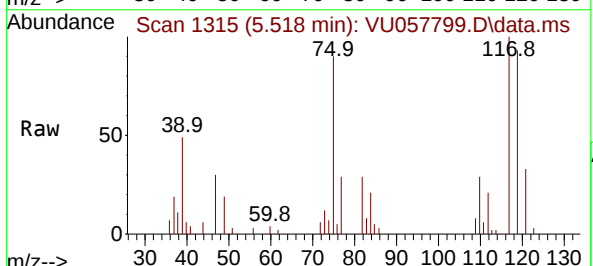
Delta R.T. -0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Tgt Ion:117 Resp: 11089

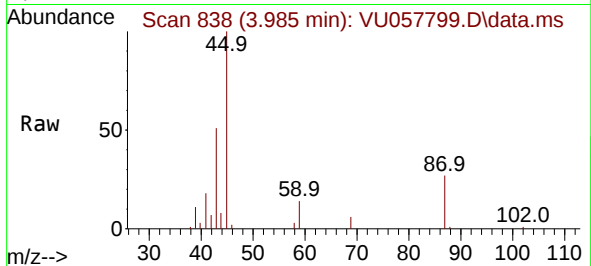
Ion	Ratio	Lower	Upper
117	100		
119	92.6	77.4	116.0
121	33.1	24.0	36.0





#31
Isopropyl Ether
Concen: 0.721 ug/l
RT: 3.985 min Scan# 839
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

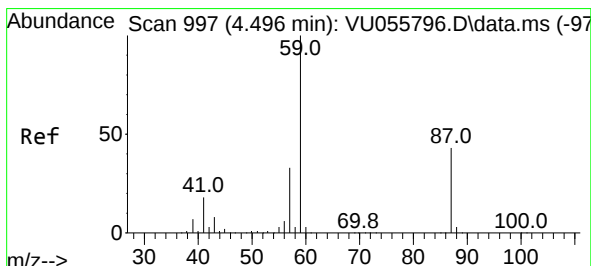
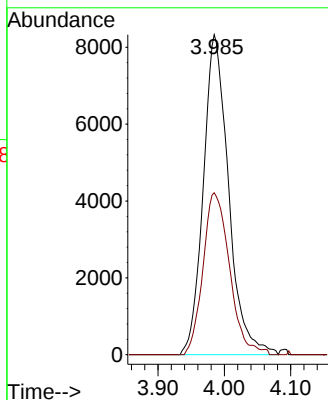
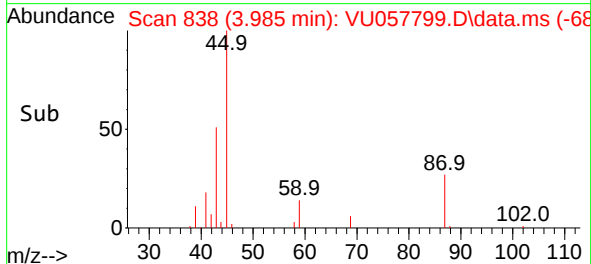
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



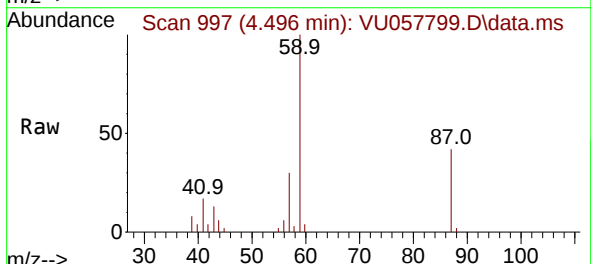
Tgt Ion: 45 Resp: 2202
Ion Ratio Lower Upper
45 100
43 53.3 27.5 82.5

Manual Integrations
APPROVED

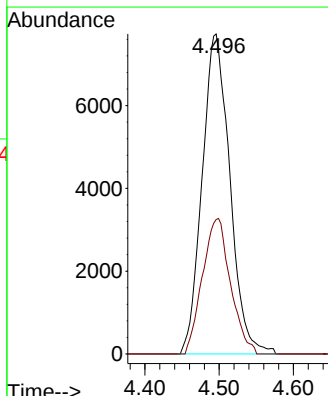
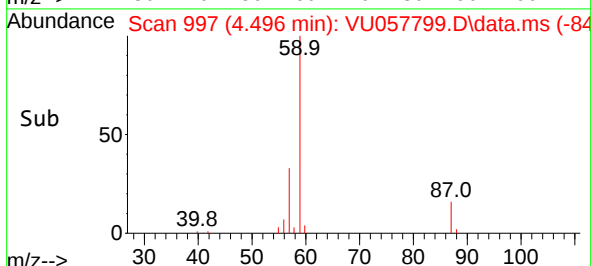
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

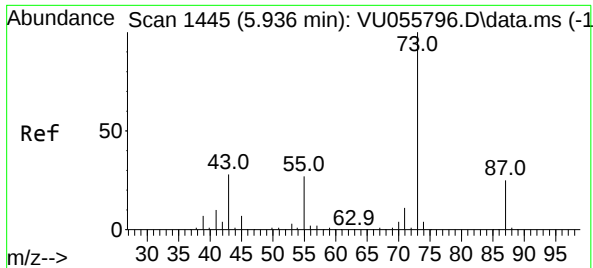


#32
Ethyl-t-butyl ether
Concen: 0.708 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06



Tgt Ion: 59 Resp: 20062
Ion Ratio Lower Upper
59 100
87 42.8 33.5 50.3





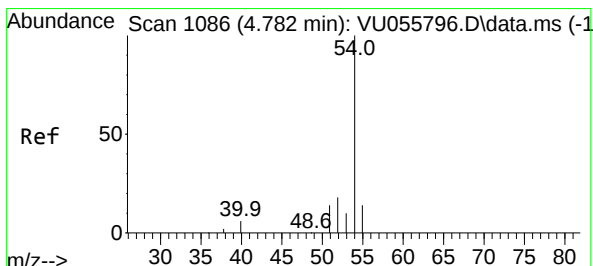
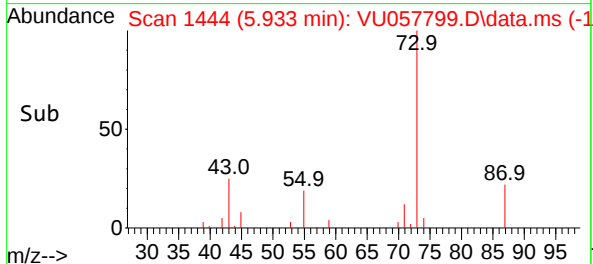
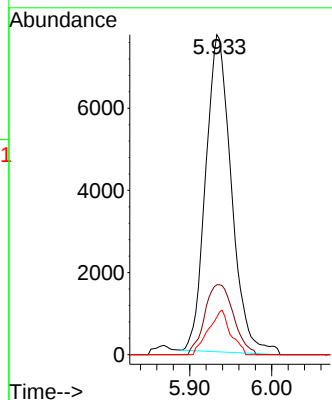
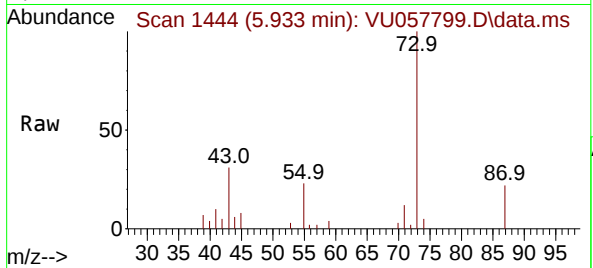
#33
Tert-Amyl methyl ether
Concen: 0.706 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 73 Resp: 1686
Ion Ratio Lower Upper
73 100
87 24.7 18.6 28.0
71 12.0 9.9 14.9

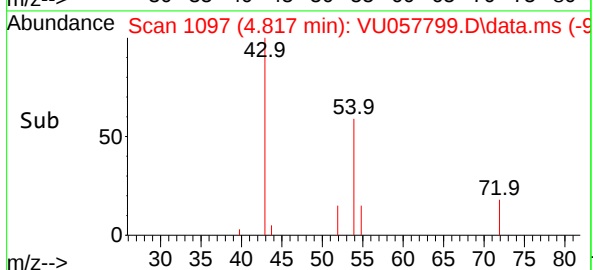
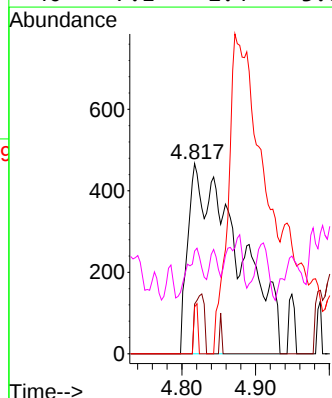
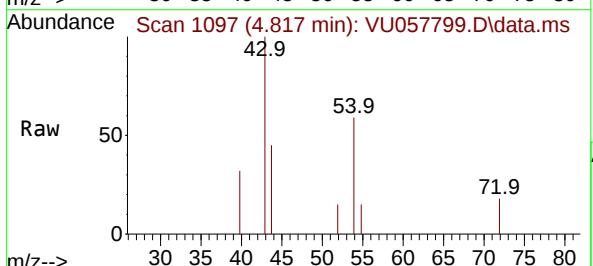
Manual Integrations
APPROVED

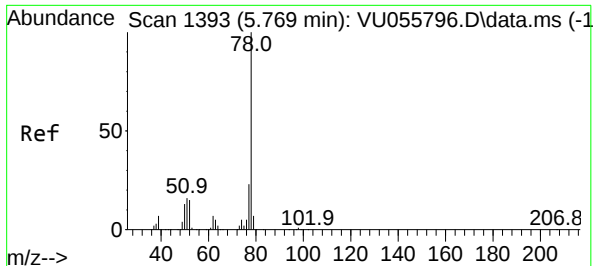
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#34
Propionitrile
Concen: 3.152 ug/l m
RT: 4.817 min Scan# 1097
Delta R.T. 0.035 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

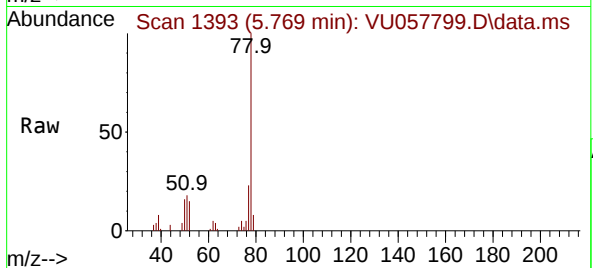
Tgt Ion: 54 Resp: 2202
Ion Ratio Lower Upper
54 100
52 5.8 17.4 26.0#
55 0.0 104.1 156.1#
40 7.1 2.4 3.6#





#35
Benzene
Concen: 0.702 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

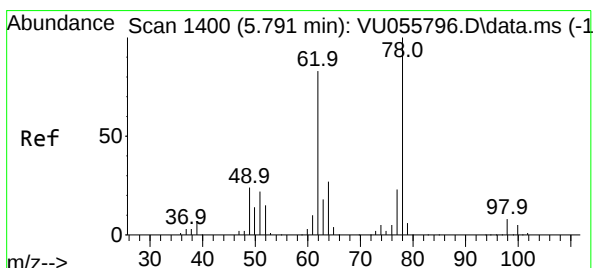
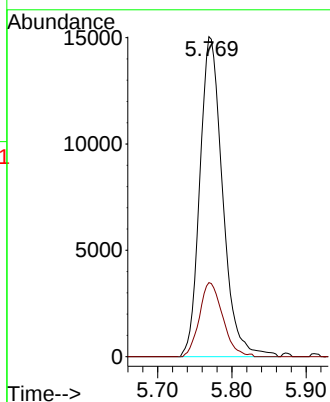
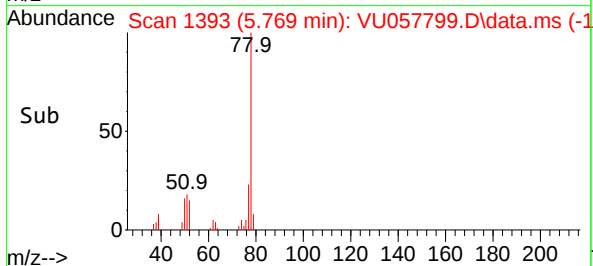
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



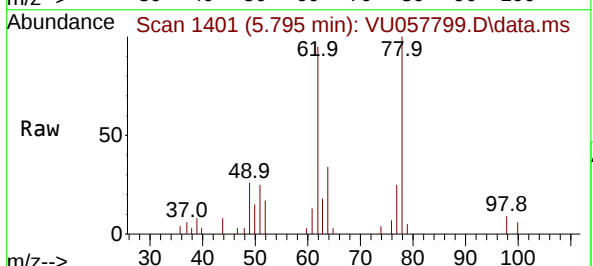
Tgt Ion: 78 Resp: 3203
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

Manual Integrations
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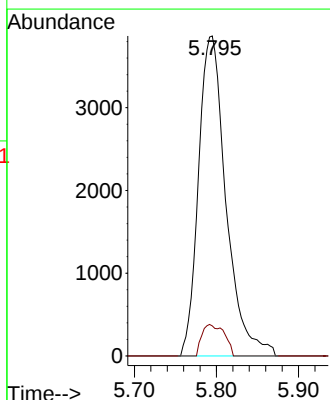
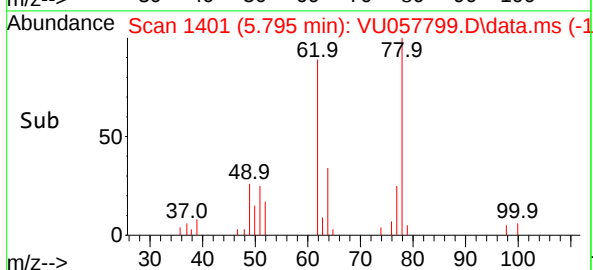
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

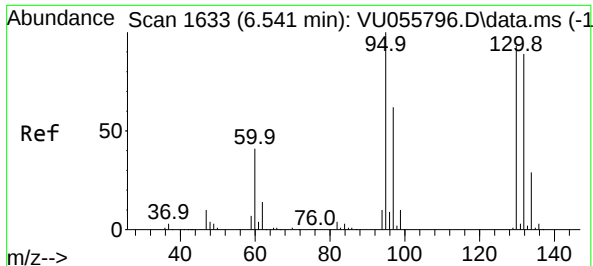


#36
1,2-Dichloroethane
Concen: 0.679 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.004 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06



Tgt Ion: 62 Resp: 9027
Ion Ratio Lower Upper
62 100
98 8.0 7.3 10.9





#37

Trichloroethene

Concen: 0.672 ug/l

RT: 6.538 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:130 Resp: 8149

Ion Ratio Lower Upper

130 100

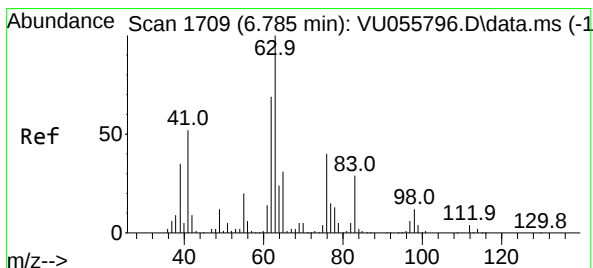
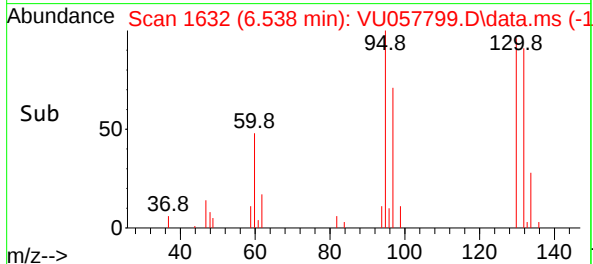
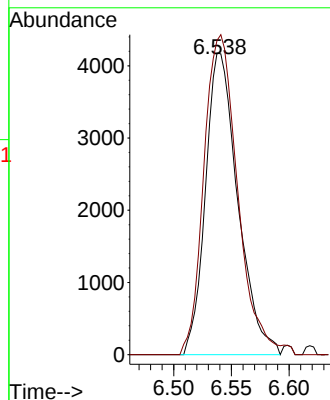
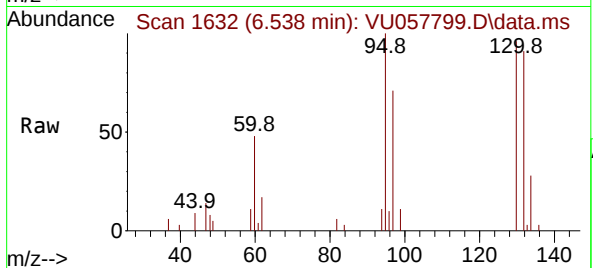
95 104.2 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#38

1,2-Dichloropropane

Concen: 0.696 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU057799.D

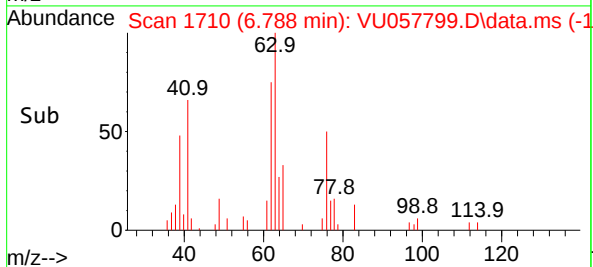
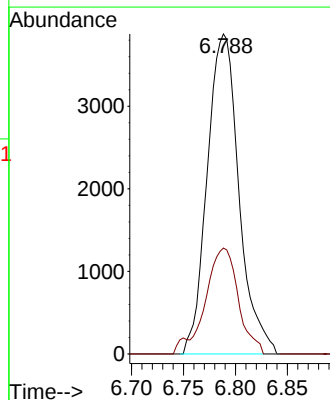
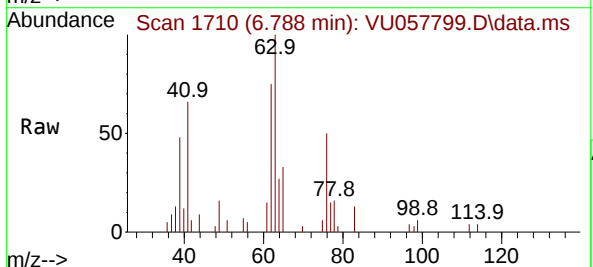
Acq: 02 Feb 2024 18:06

Tgt Ion: 63 Resp: 8233

Ion Ratio Lower Upper

63 100

65 33.1 24.9 37.3





#39

Methacrylonitrile

Concen: 0.598 ug/l m

RT: 5.004 min Scan# 1115

Delta R.T. 0.036 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

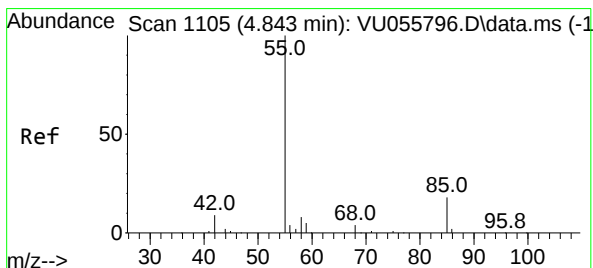
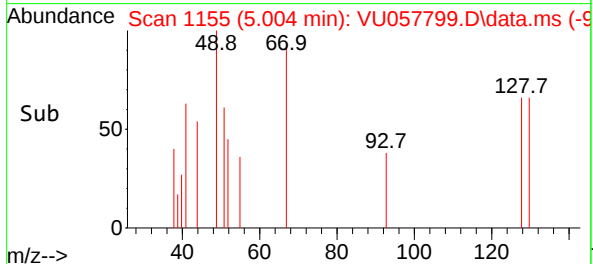
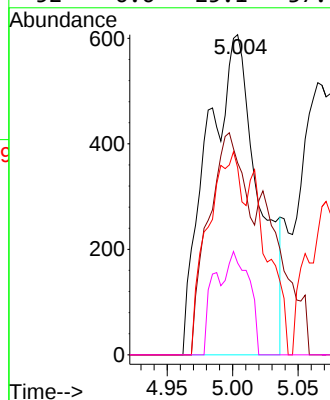
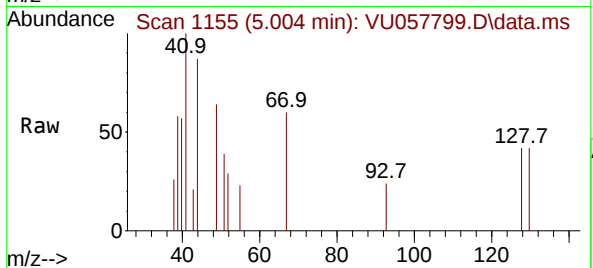
Tgt Ion: 41	Resp: 1664
Ion Ratio	Lower Upper
41 100	
67 0.0	66.8 100.2#
39 0.0	41.2 61.8#
52 6.6	25.1 37.7#

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 0.602 ug/l

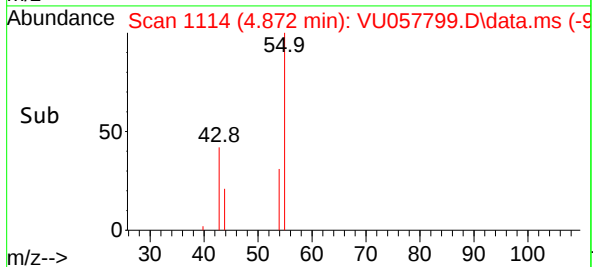
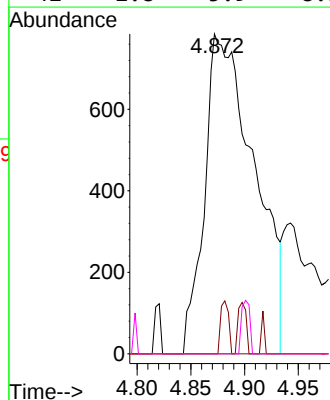
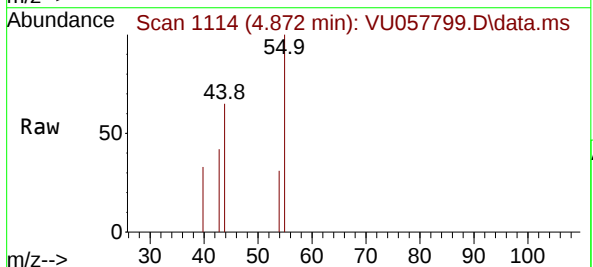
RT: 4.872 min Scan# 1114

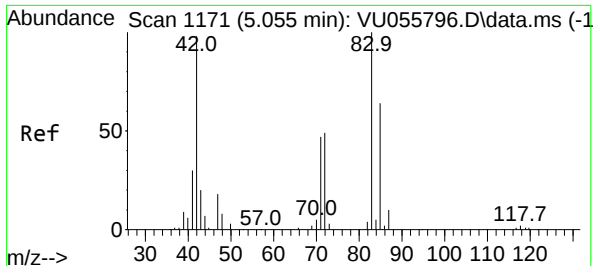
Delta R.T. 0.029 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Tgt Ion: 55	Resp: 2524
Ion Ratio	Lower Upper
55 100	
85 0.0	13.3 19.9#
58 0.0	6.5 9.7#
42 2.8	5.9 8.9#





#41

Tetrahydrofuran

Concen: 1.394 ug/l

RT: 5.075 min Scan# 1171

Delta R.T. 0.020 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

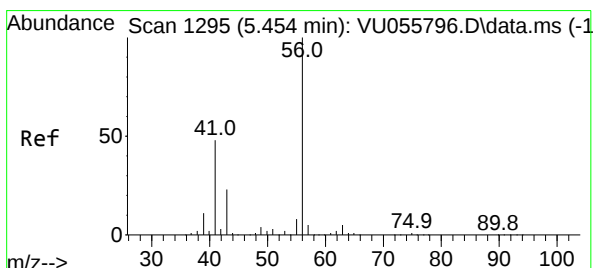
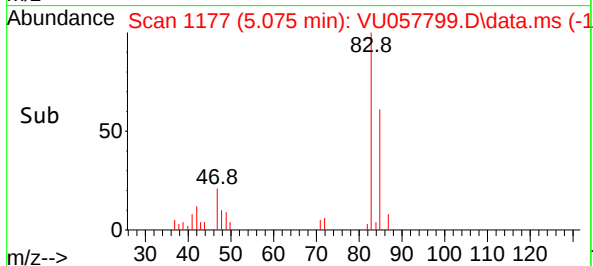
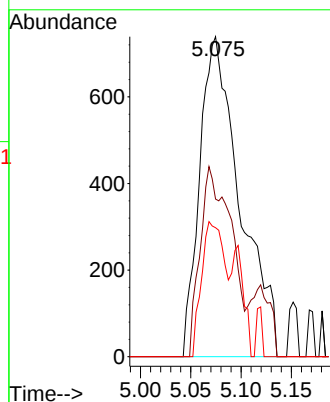
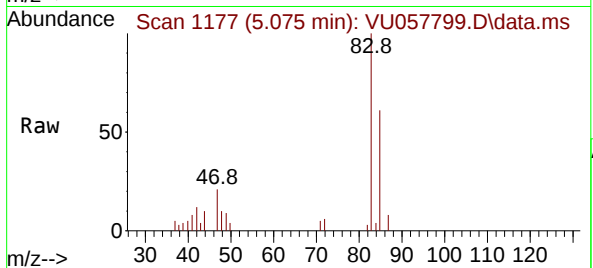
Tgt Ion:	42	Resp:	207
Ion Ratio	Lower	Upper	
42	100		
72	45.6	40.9	61.3
71	23.9	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#42

1-Chlorobutane

Concen: 0.696 ug/l

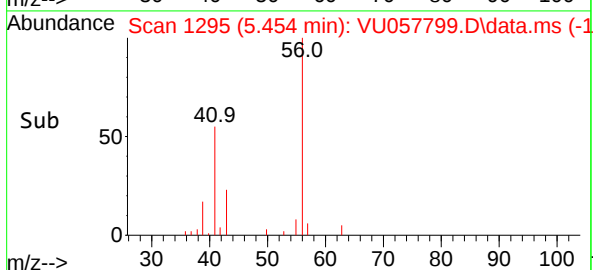
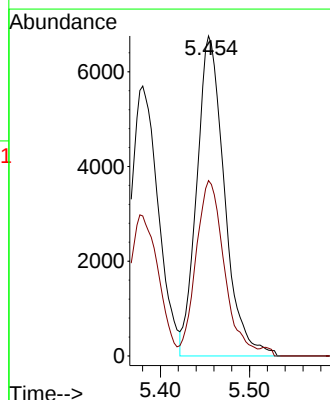
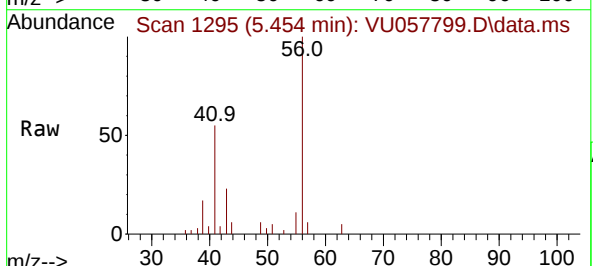
RT: 5.454 min Scan# 1295

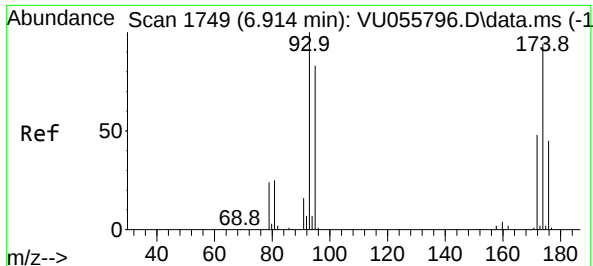
Delta R.T. -0.000 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

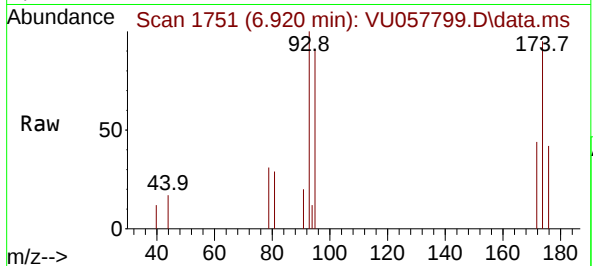
Tgt Ion:	56	Resp:	14549
Ion Ratio	Lower	Upper	
56	100		
41	52.1	25.2	75.6





#43
Dibromomethane
Concen: 0.662 ug/l
RT: 6.920 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

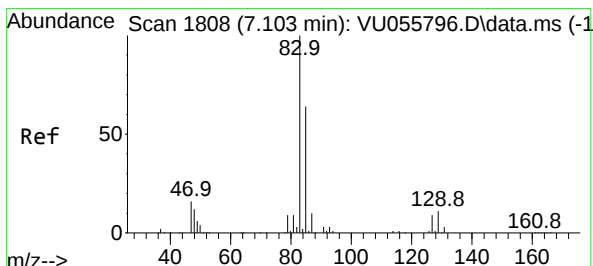
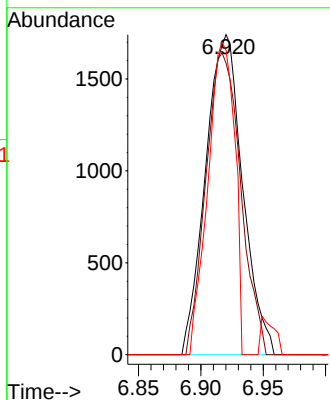
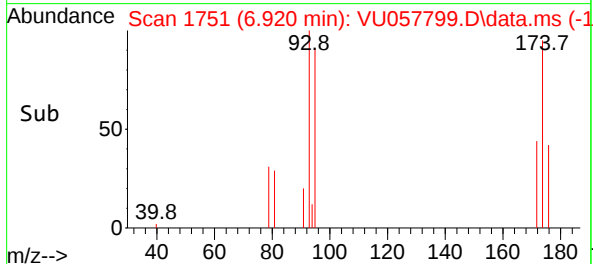
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



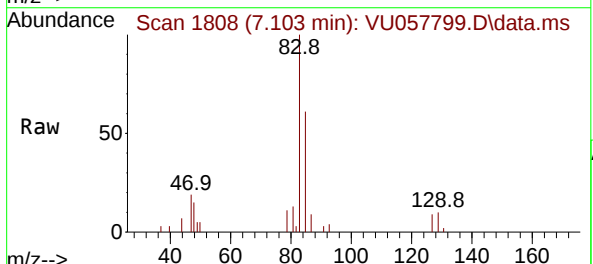
Tgt Ion: 93 Resp: 3600
Ion Ratio Lower Upper
93 100
95 88.9 67.0 100.6
174 70.5 73.8 110.6

Manual Integrations
APPROVED

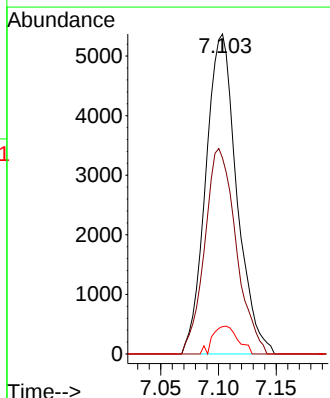
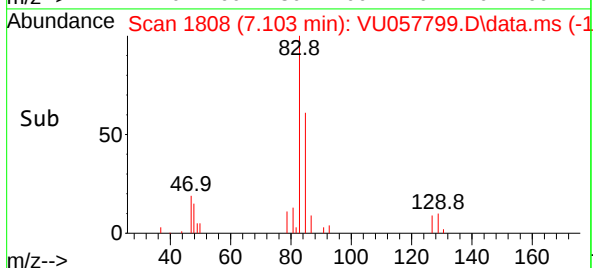
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

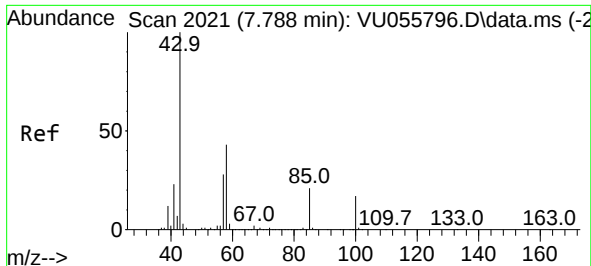


#44
Bromodichloromethane
Concen: 0.659 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06



Tgt Ion: 83 Resp: 10034
Ion Ratio Lower Upper
83 100
85 61.2 51.9 77.9
127 8.5 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 3.047 ug/l

RT: 7.791 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

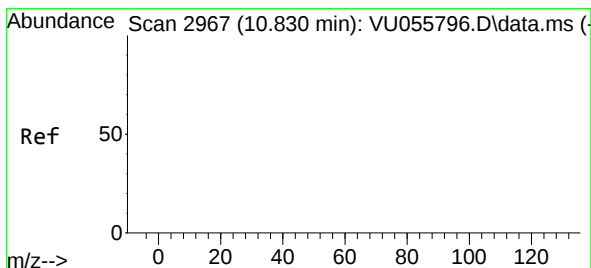
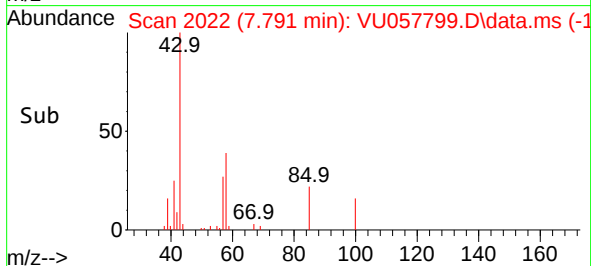
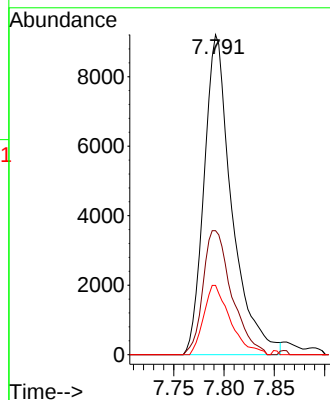
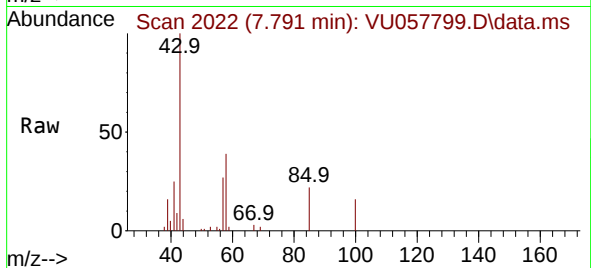
Tgt Ion: 43	Resp: 1767
Ion Ratio	Lower Upper
43 100	
58 40.1	20.9 62.8
85 20.7	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#46

t-1,4-Dichloro-2-butene

Concen: 1.385 ug/l m

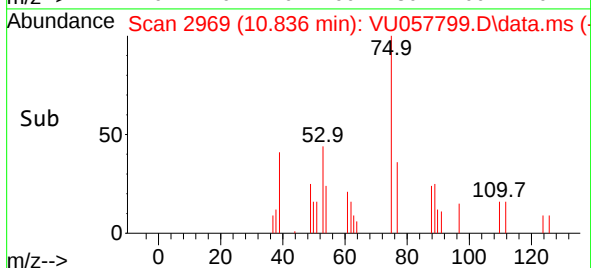
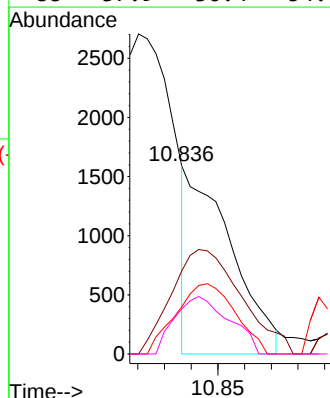
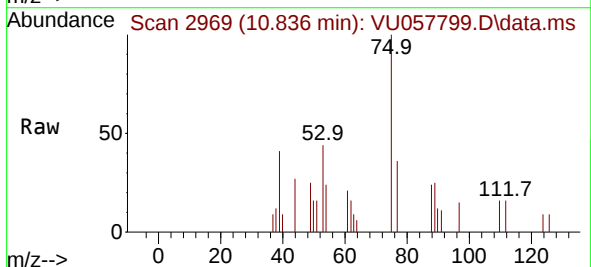
RT: 10.836 min Scan# 2969

Delta R.T. 0.006 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Tgt Ion: 75	Resp: 1825
Ion Ratio	Lower Upper
75 100	
53 88.2	73.3 109.9
89 50.1	48.2 72.4
88 37.9	36.4 54.6





#47

Methyl methacrylate

Concen: 1.333 ug/l

RT: 6.965 min Scan# 1763

Delta R.T. 0.006 min

Lab File: VU057799.D

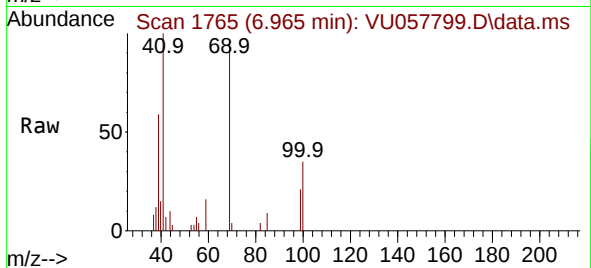
Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 69 Resp: 6400

Ion Ratio Lower Upper

69 100

41 107.8 0.0 209.2

39 62.9 46.7 70.1

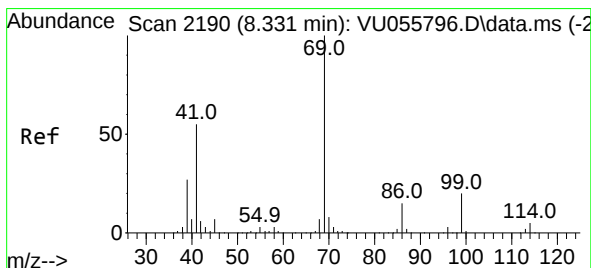
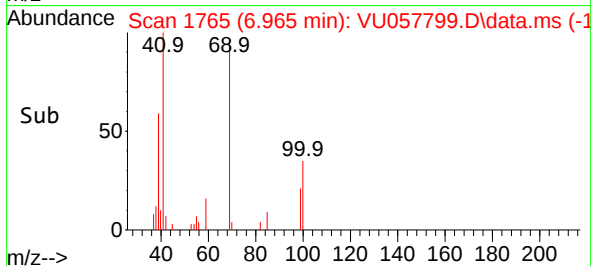
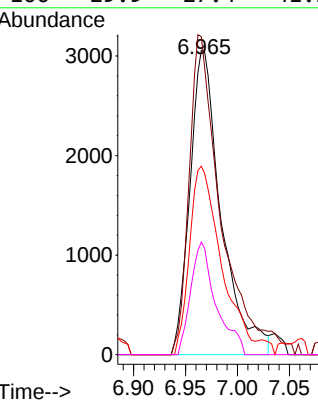
100 29.9 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#48

Ethyl methacrylate

Concen: 0.614 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.004 min

Lab File: VU057799.D

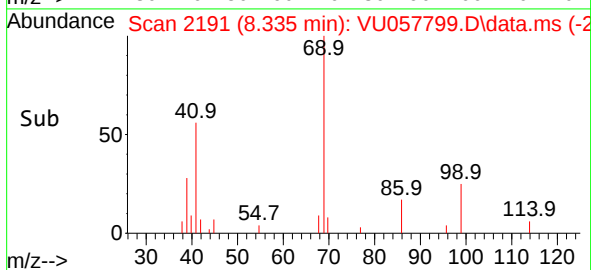
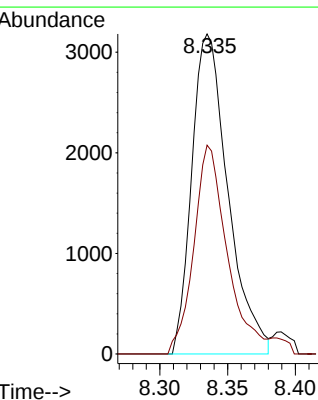
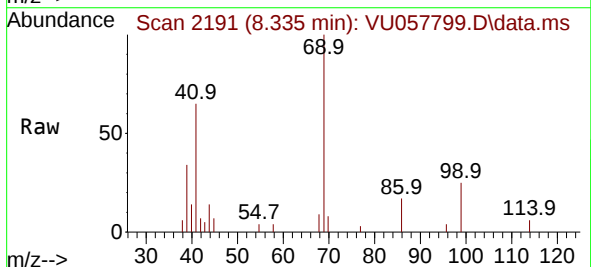
Acq: 02 Feb 2024 18:06

Tgt Ion: 69 Resp: 5913

Ion Ratio Lower Upper

69 100

41 60.3 30.3 90.8





#49

Toluene

Concen: 0.673 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 92 Resp: 1876

Ion Ratio Lower Upper

92 100

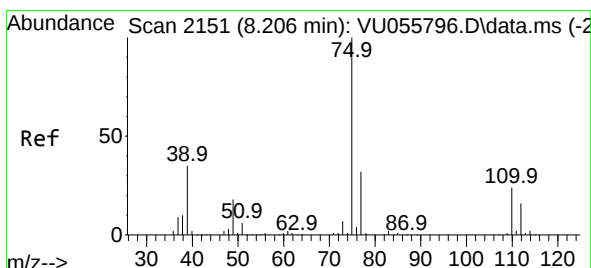
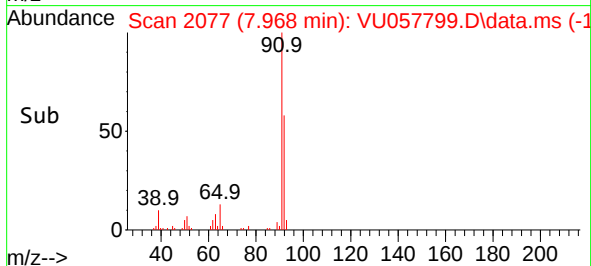
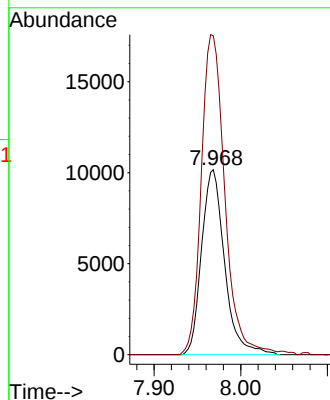
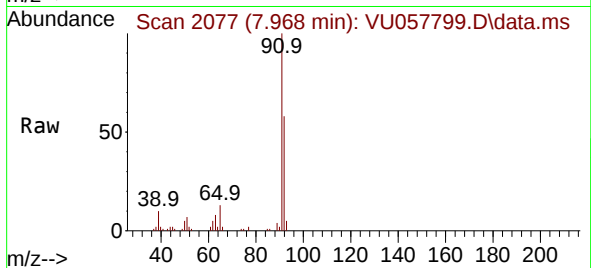
91 176.5 143.0 214.6

Manual Integrations

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Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#50

t-1,3-Dichloropropene

Concen: 0.617 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU057799.D

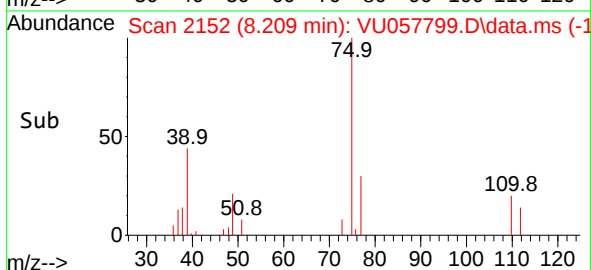
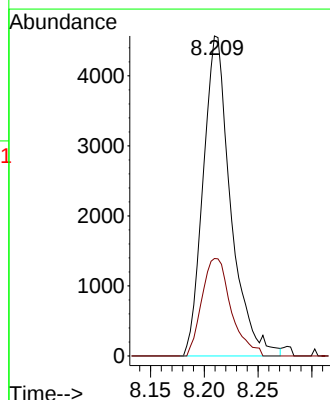
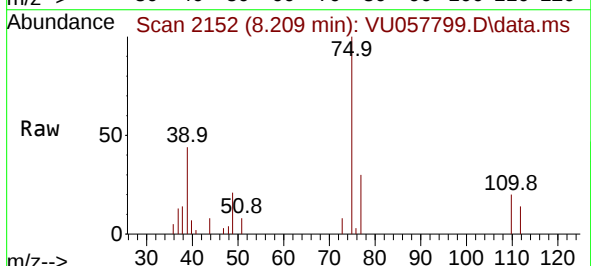
Acq: 02 Feb 2024 18:06

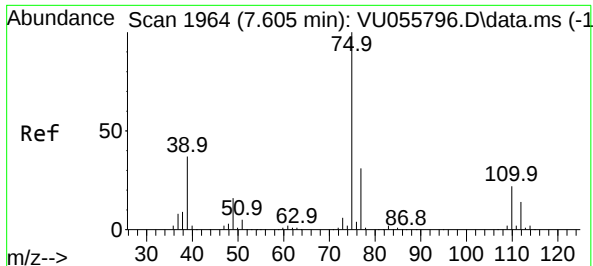
Tgt Ion: 75 Resp: 8116

Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9





#51
cis-1,3-Dichloropropene
Concen: 0.678 ug/l
RT: 7.605 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

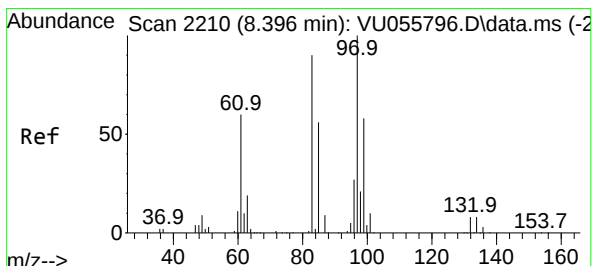
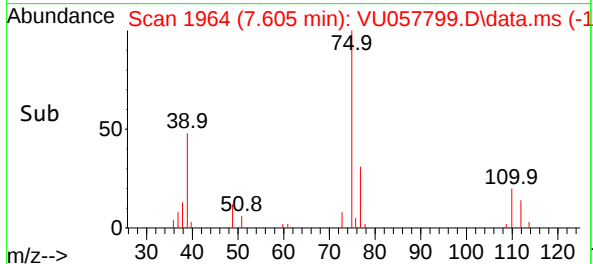
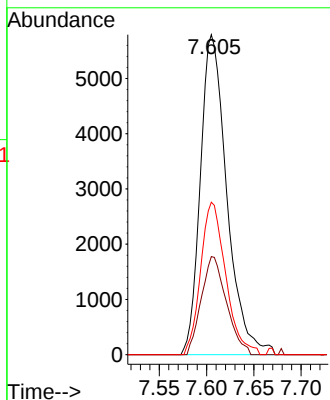
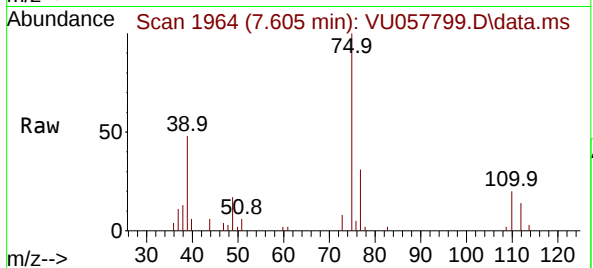
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion: 75 Resp: 1129

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.7	38.5
39	47.6	32.8	49.2

Manual Integrations
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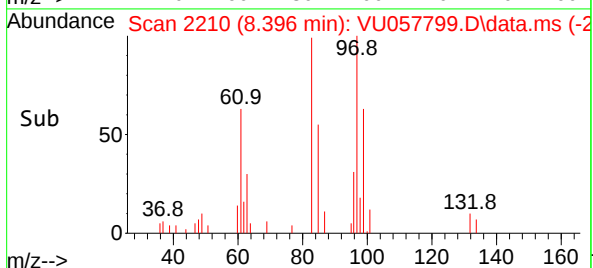
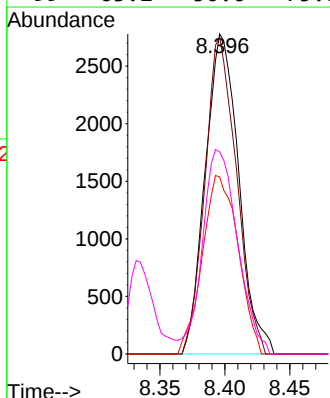
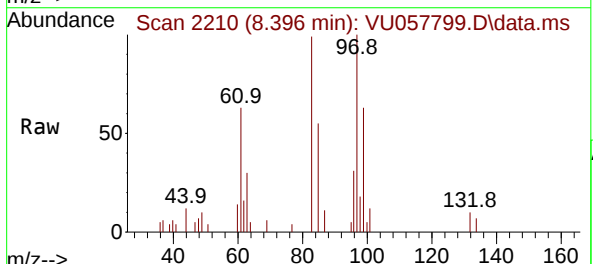
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

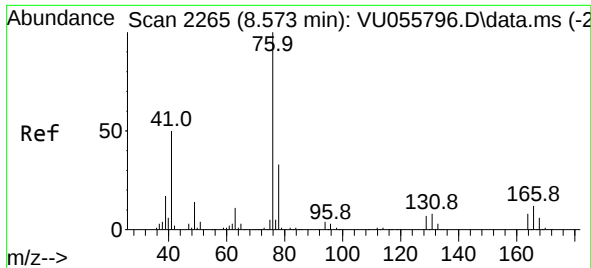


#52
1,1,2-Trichloroethane
Concen: 0.665 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 97 Resp: 4983

Ion	Ratio	Lower	Upper
97	100		
83	99.0	71.8	107.8
85	55.4	45.2	67.8
99	63.2	50.6	75.8





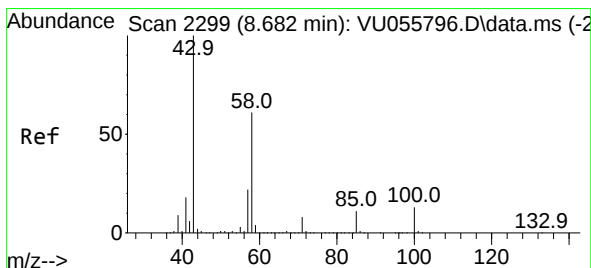
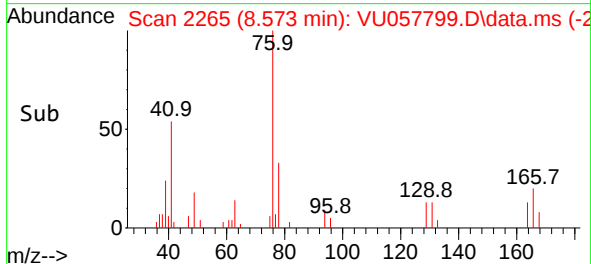
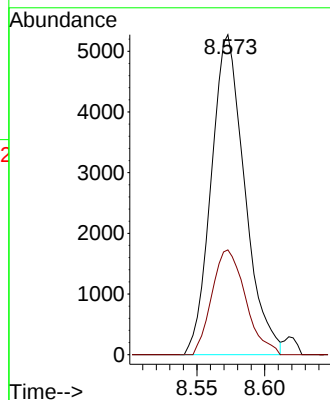
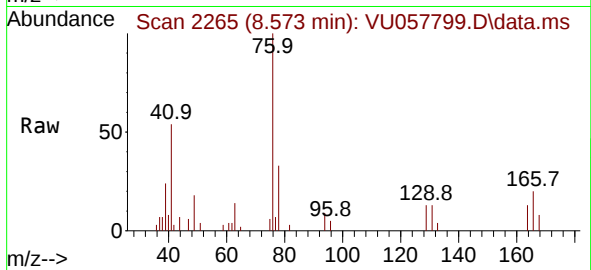
#53
1,3-Dichloropropane
Concen: 0.670 ug/l
RT: 8.573 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 76 Resp: 903
Ion Ratio Lower Upper
76 100
78 33.0 25.9 38.9

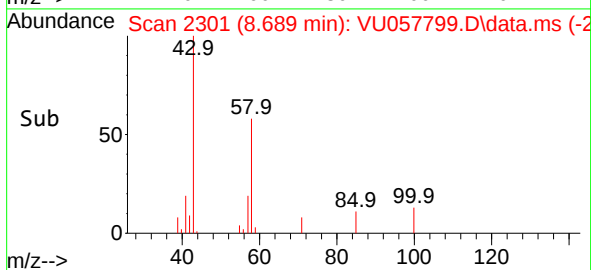
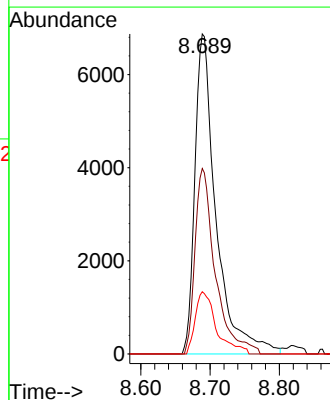
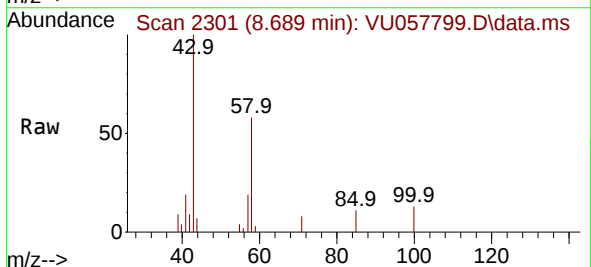
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#54
2-Hexanone
Concen: 2.734 ug/l
RT: 8.689 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

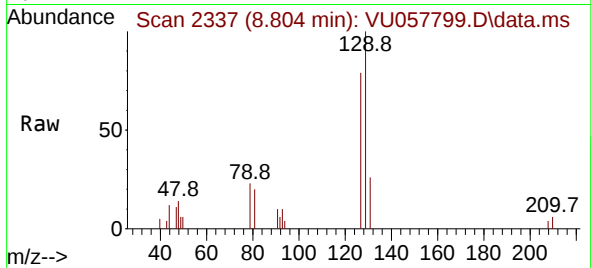
Tgt Ion: 43 Resp: 14597
Ion Ratio Lower Upper
43 100
58 55.4 38.2 78.2
57 19.5 0.0 39.1





#55
Dibromochloromethane
Concen: 0.632 ug/l
RT: 8.804 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

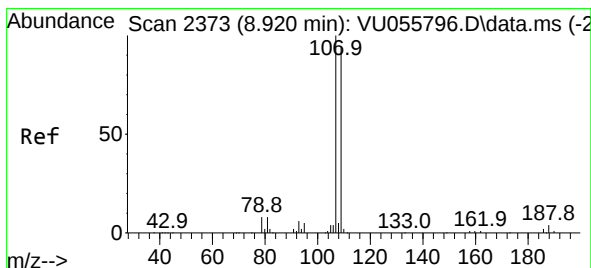
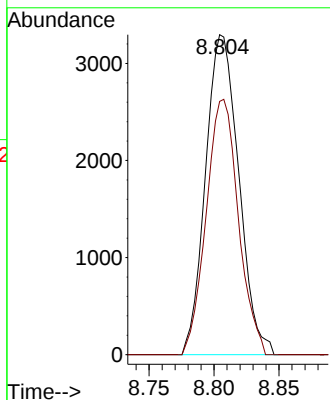
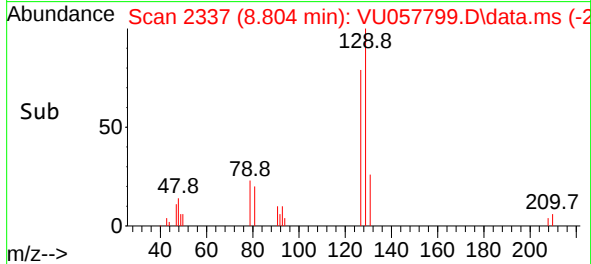
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:129 Resp: 5864
Ion Ratio Lower Upper
129 100
127 77.3 61.4 92.0

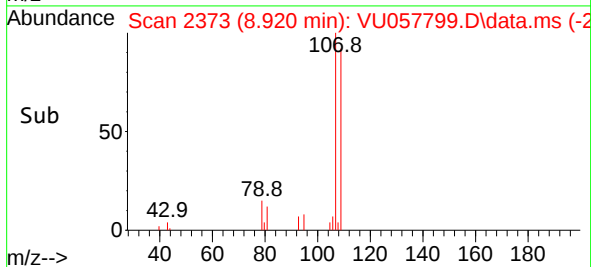
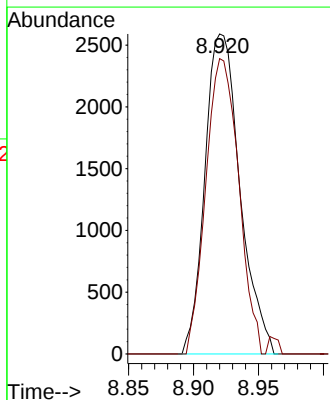
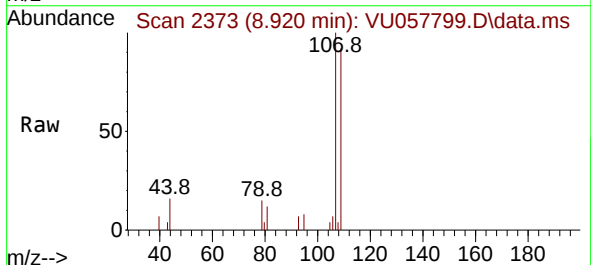
Manual Integrations
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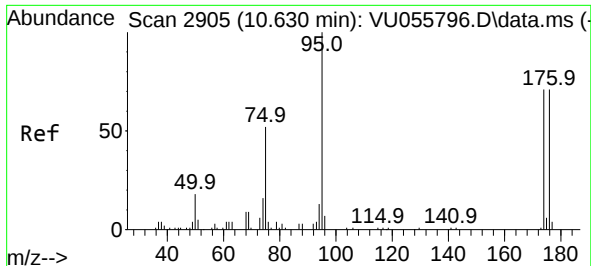
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#56
1,2-Dibromoethane
Concen: 0.705 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

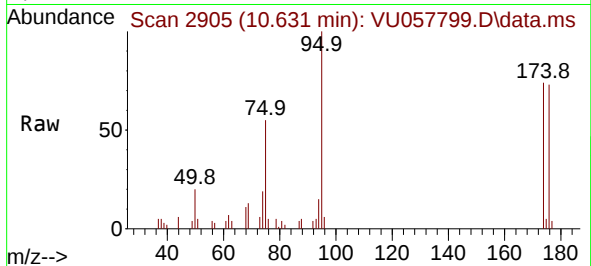
Tgt Ion:107 Resp: 4867
Ion Ratio Lower Upper
107 100
109 86.3 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.880 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

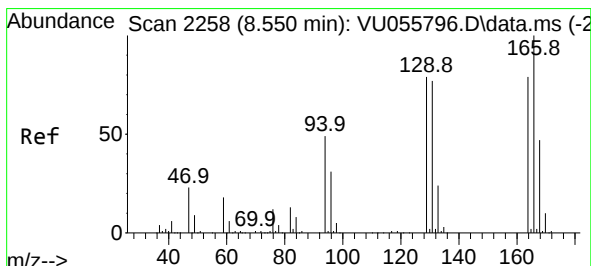
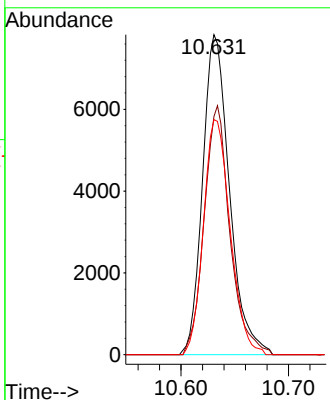
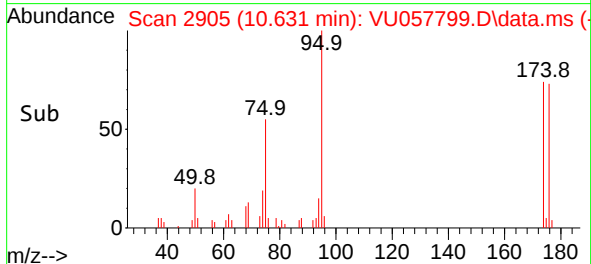
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 95 Resp: 1357
Ion Ratio Lower Upper
95 100
174 74.5 63.3 94.9
176 73.3 59.3 88.9

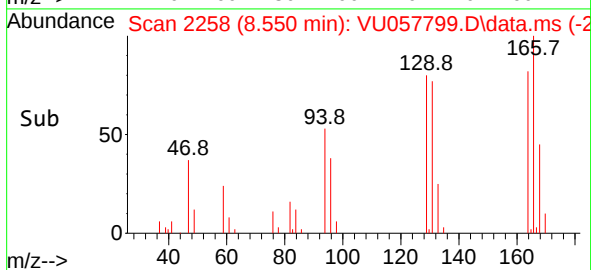
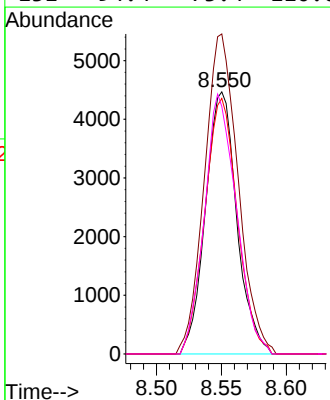
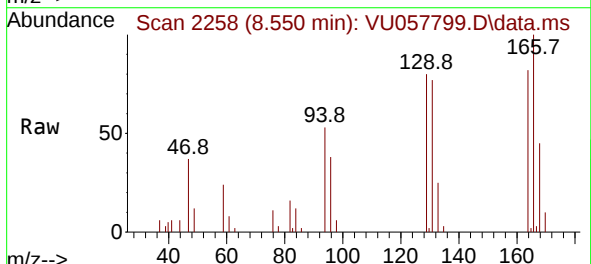
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#58
Tetrachloroethene
Concen: 0.699 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

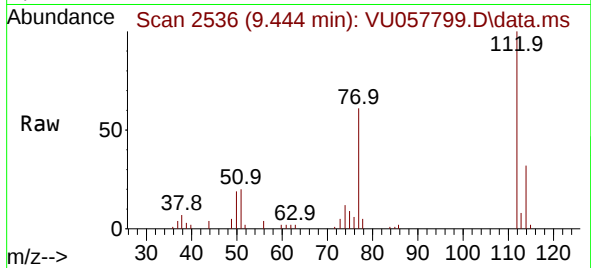
Tgt Ion:164 Resp: 7475
Ion Ratio Lower Upper
164 100
166 122.1 99.6 149.4
129 97.5 78.6 117.8
131 94.4 73.4 110.0





#59
Chlorobenzene
Concen: 0.679 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

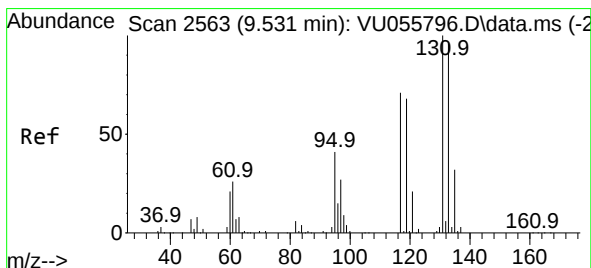
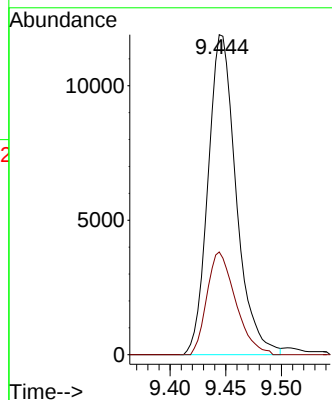
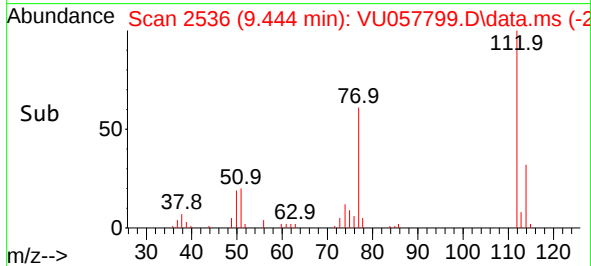
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:112 Resp: 2093
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4

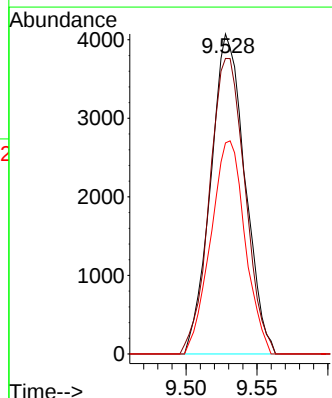
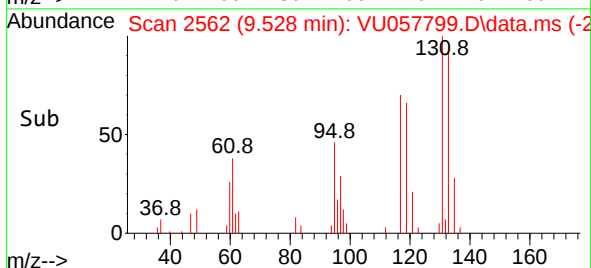
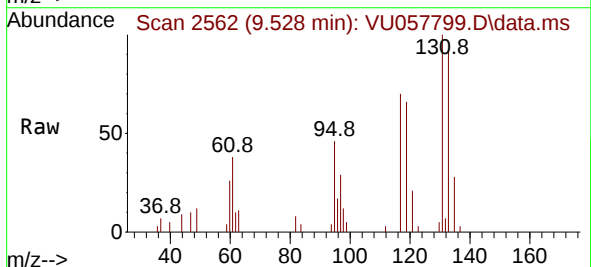
Manual Integrations
APPROVED

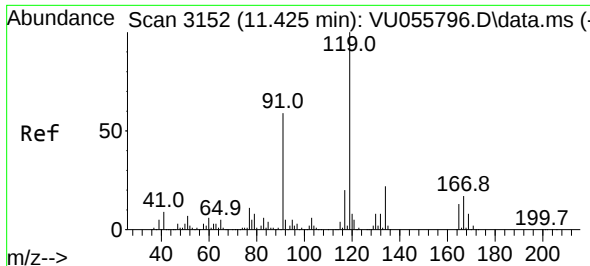
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.655 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:131 Resp: 6852
Ion Ratio Lower Upper
131 100
133 95.5 77.8 116.6
119 66.5 55.2 82.8





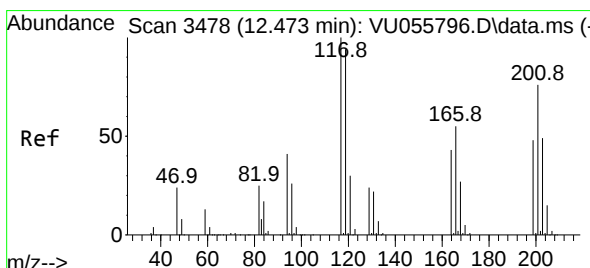
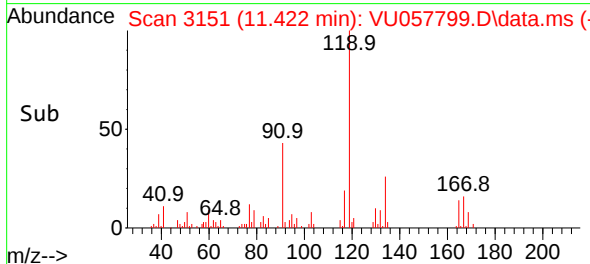
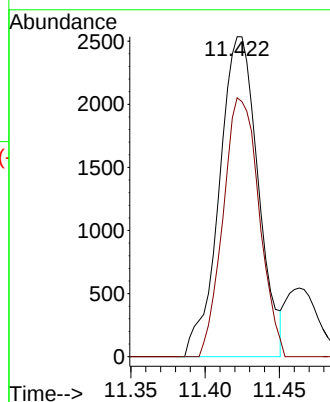
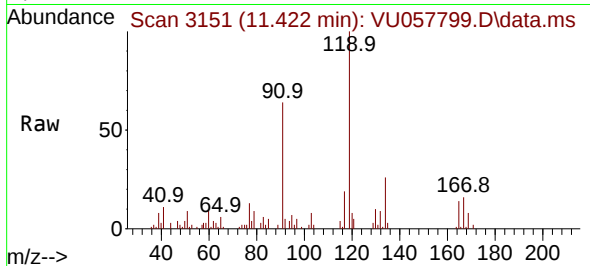
#61
Pentachloroethane
Concen: 0.607 ug/l
RT: 11.422 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:117 Resp: 4619
Ion Ratio Lower Upper
117 100
167 74.8 56.7 85.1

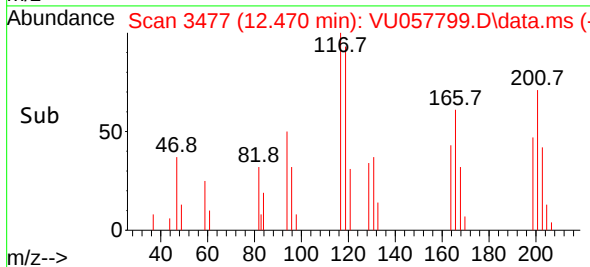
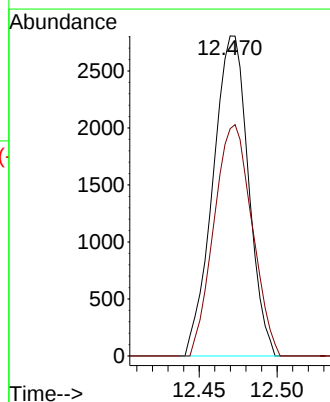
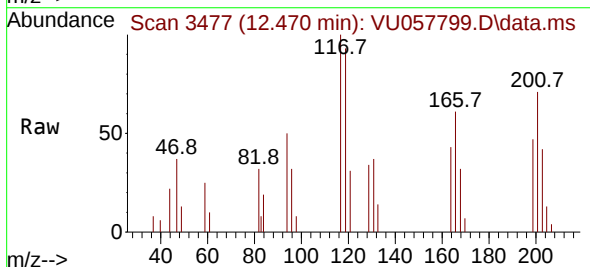
Manual Integrations
APPROVED

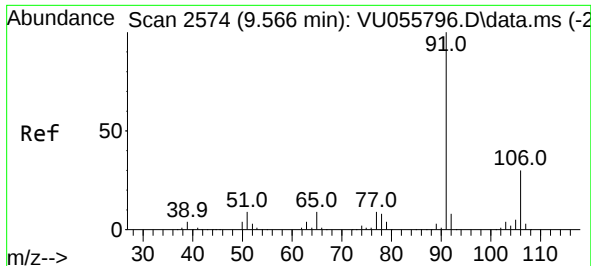
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#62
Hexachloroethane
Concen: 0.536 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:117 Resp: 4446
Ion Ratio Lower Upper
117 100
201 77.5 59.6 89.4





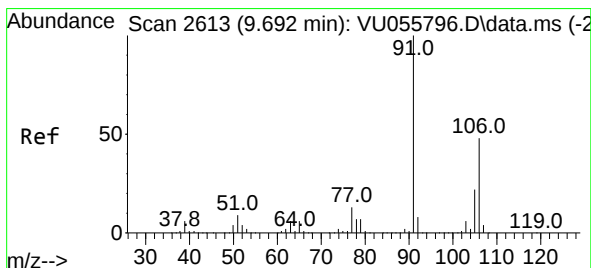
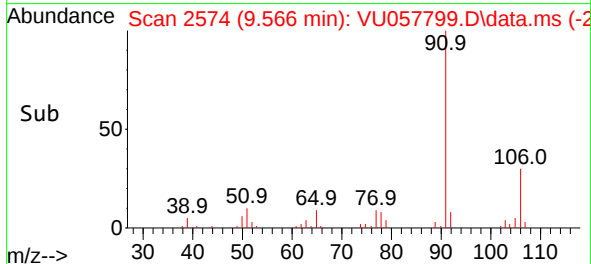
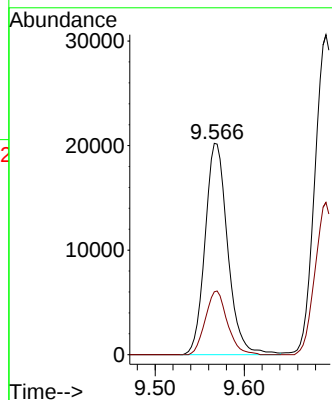
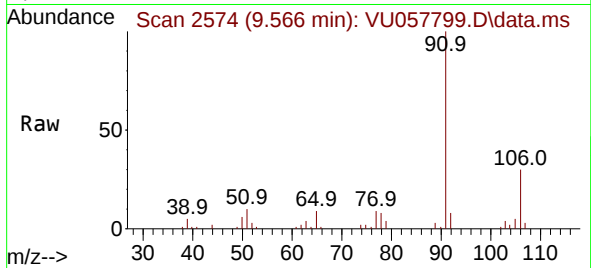
#63
Ethyl Benzene
Concen: 0.650 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 3563
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2

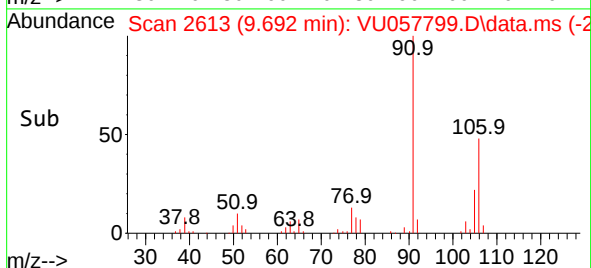
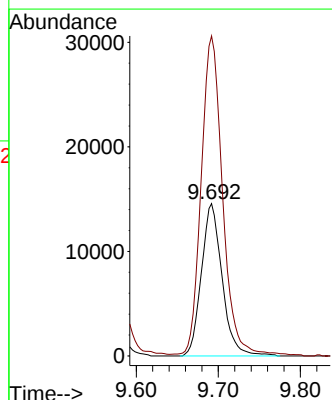
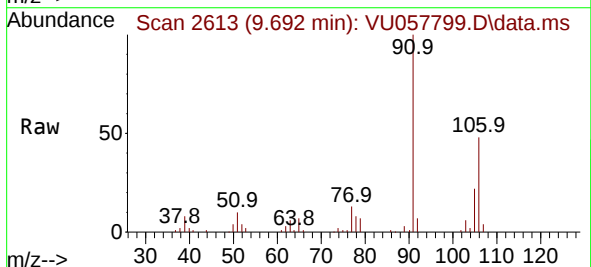
Manual Integrations
APPROVED

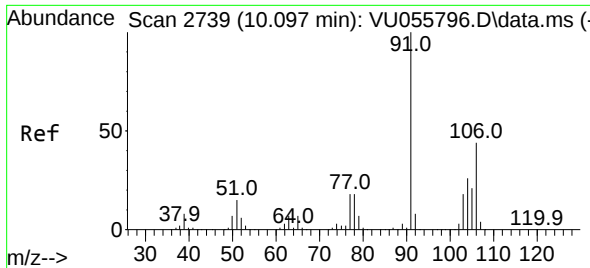
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#64
m/p-Xylenes
Concen: 1.284 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:106 Resp: 25554
Ion Ratio Lower Upper
106 100
91 218.2 167.3 250.9





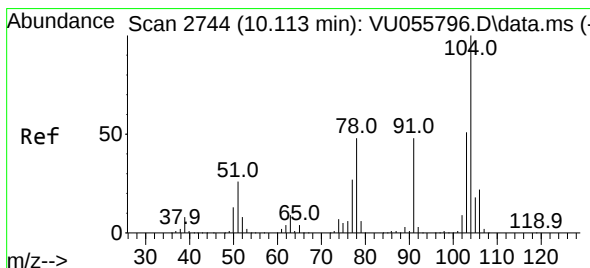
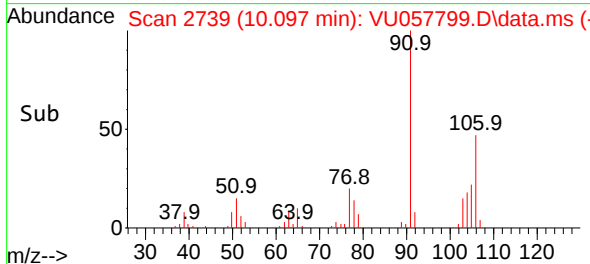
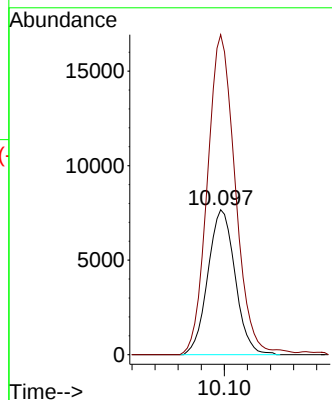
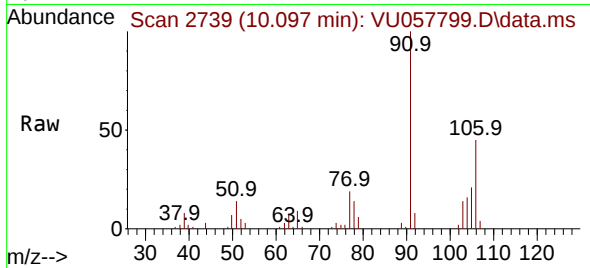
#65
o-Xylene
Concen: 0.637 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion:106 Resp: 12560
Ion Ratio Lower Upper
106 100
91 225.9 109.3 327.9

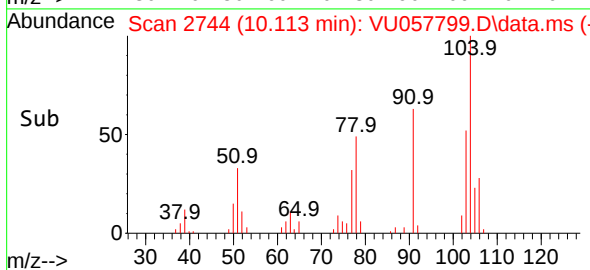
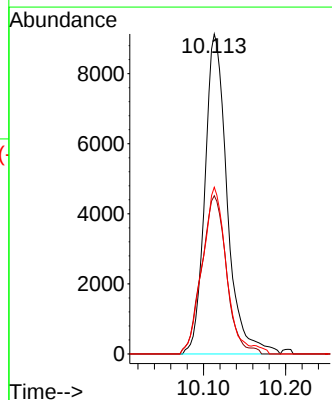
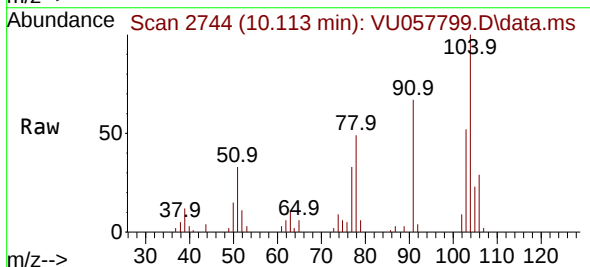
Manual Integrations
APPROVED

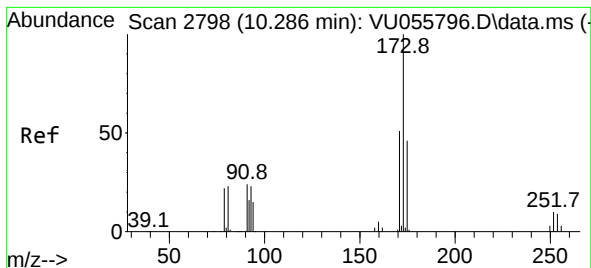
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 0.585 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:104 Resp: 17216
Ion Ratio Lower Upper
104 100
78 55.3 39.7 59.5
103 57.0 44.8 67.2





#67

Bromoform

Concen: 0.593 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

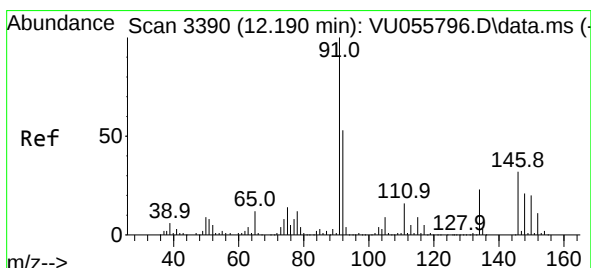
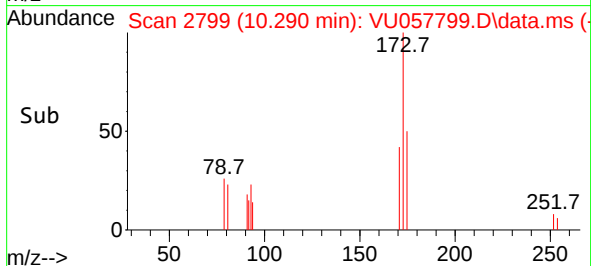
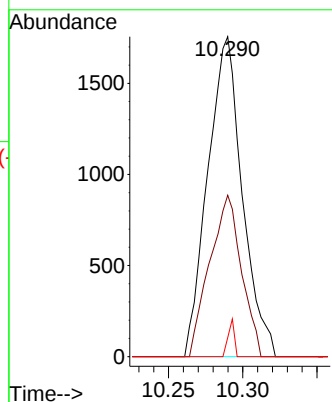
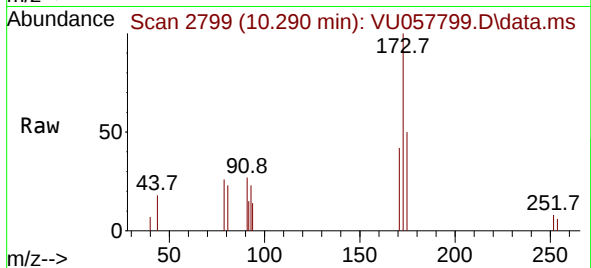
Tgt Ion:173	Resp:	2834
Ion Ratio	Lower	Upper
173	100	
175	46.4	39.0 58.6
254	2.1	7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#68

1,2-Dichlorobenzene-d4

Concen: 0.952 ug/l

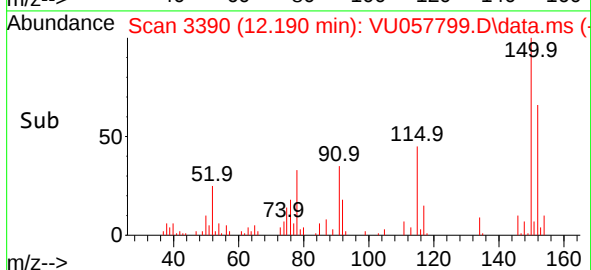
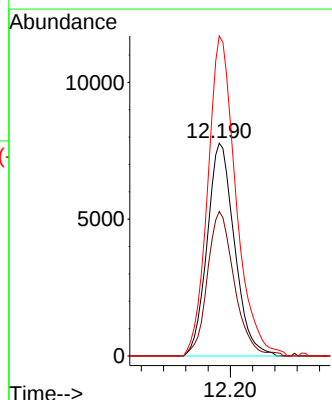
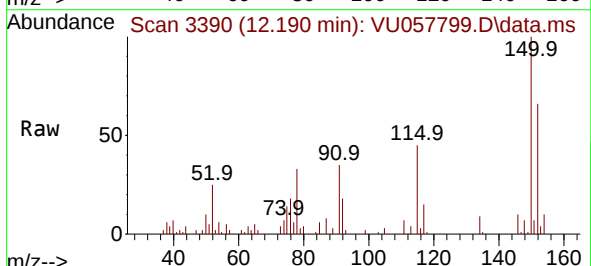
RT: 12.190 min Scan# 3390

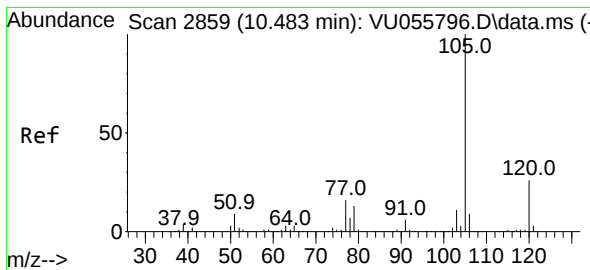
Delta R.T. 0.000 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Tgt Ion:152	Resp:	13230
Ion Ratio	Lower	Upper
152	100	
115	67.2	0.0 308.8
150	155.4	0.0 635.0





#69

Isopropylbenzene

Concen: 0.625 ug/l

RT: 10.479 min Scan# 2859

Delta R.T. -0.004 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 32300

Ion Ratio Lower Upper

105 100

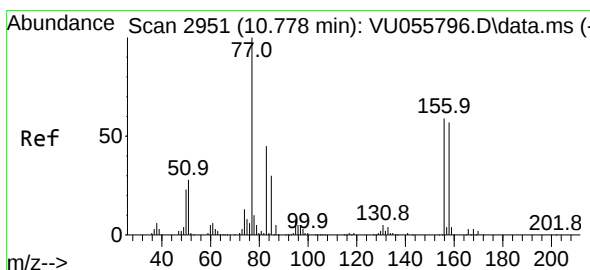
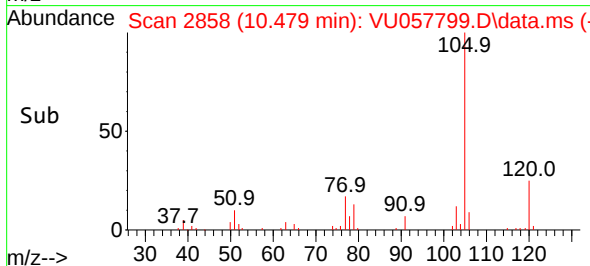
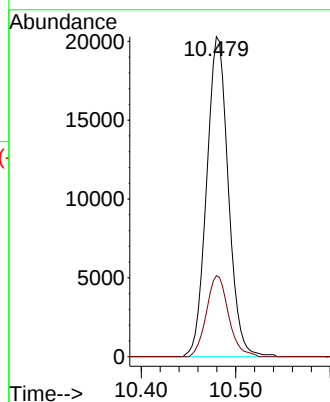
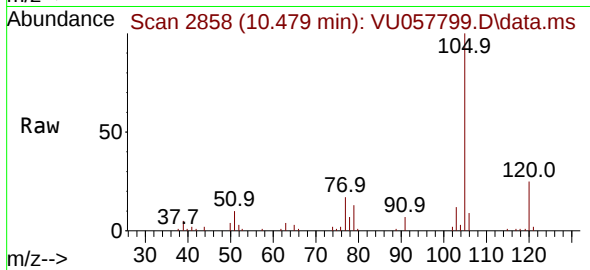
120 25.8 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 0.607 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.001 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

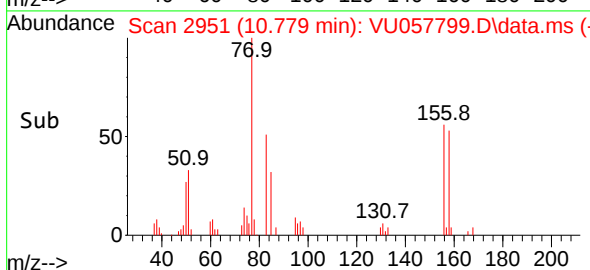
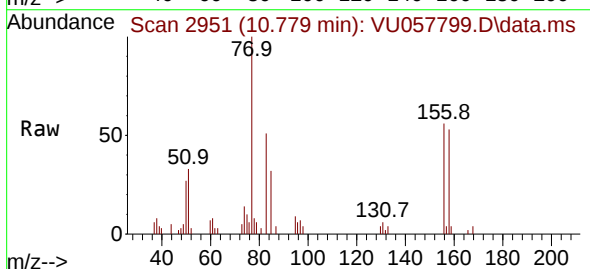
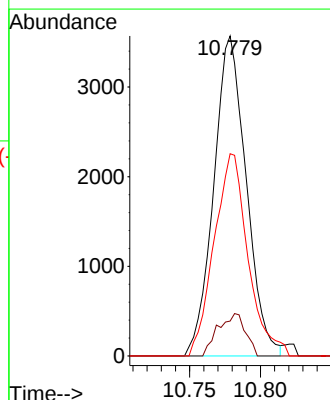
Tgt Ion: 83 Resp: 5700

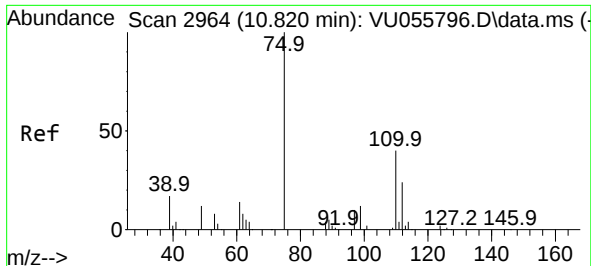
Ion Ratio Lower Upper

83 100

131 11.1 7.2 10.8#

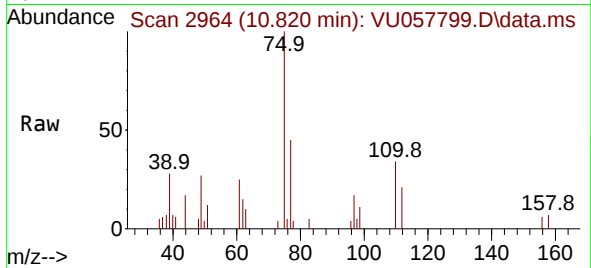
85 65.9 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.601 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

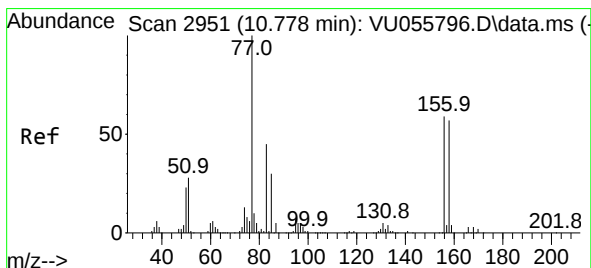
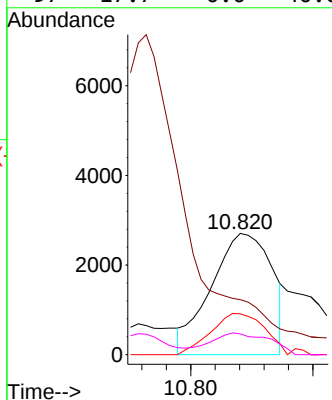
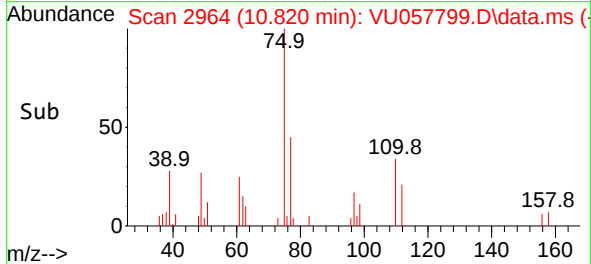
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2024



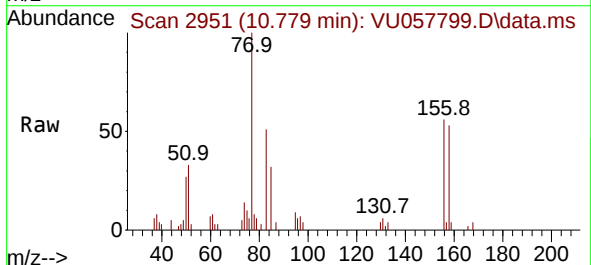
Tgt Ion:	75	Resp:	466
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	31.1	0.0	74.6
97	17.7	0.0	40.0

Manual Integrations
APPROVED

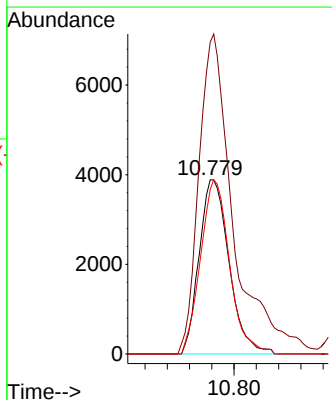
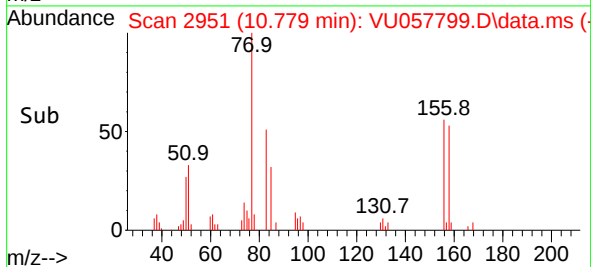
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

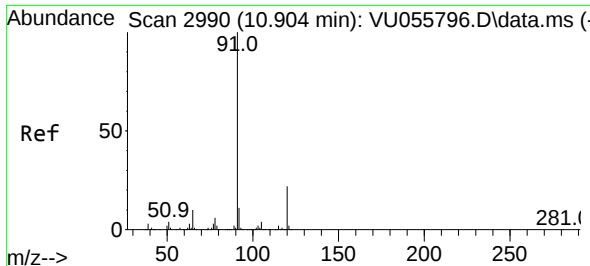


#72
Bromobenzene
Concen: 0.637 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.001 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06



Tgt Ion:	156	Resp:	7243
Ion Ratio	Lower	Upper	
156	100		
77	213.0	0.0	343.0
158	97.3	0.0	194.8





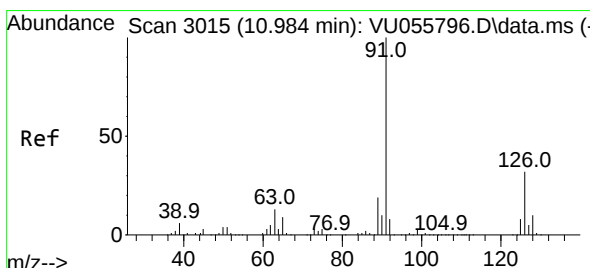
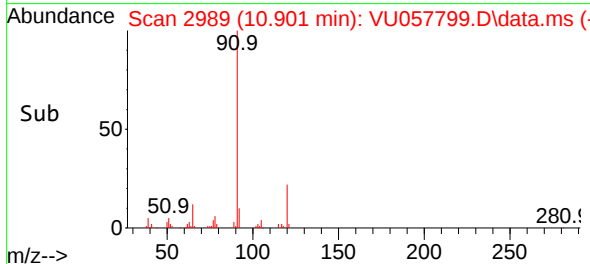
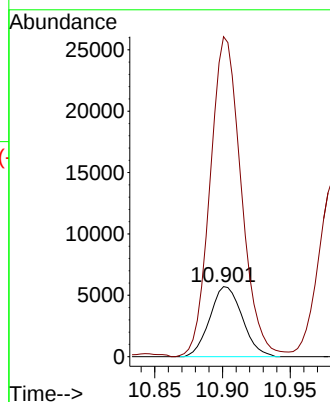
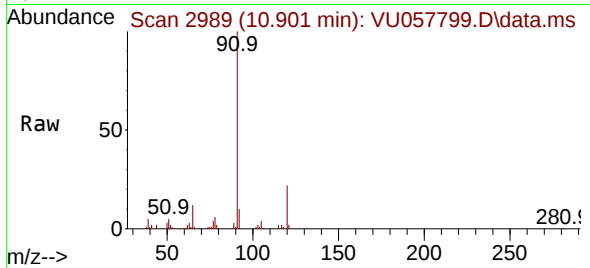
#73
n-propylbenzene
Concen: 0.732 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion:120 Resp: 950
Ion Ratio Lower Upper
120 100
91 437.8 369.8 554.6

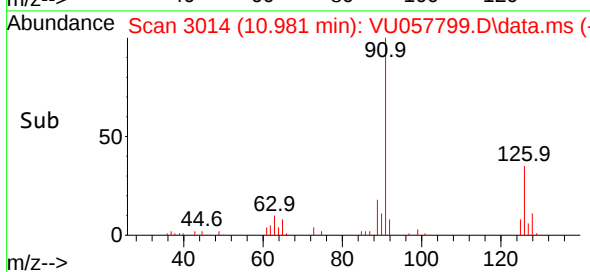
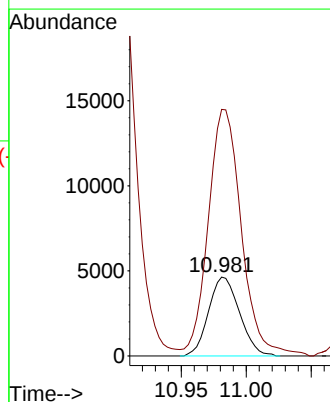
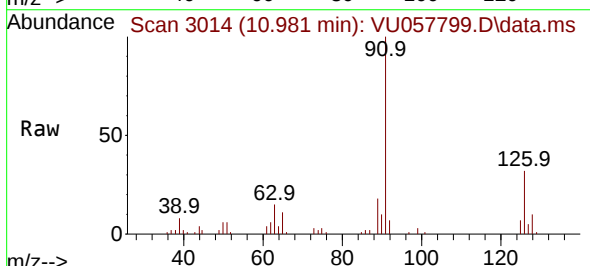
Manual Integrations
APPROVED

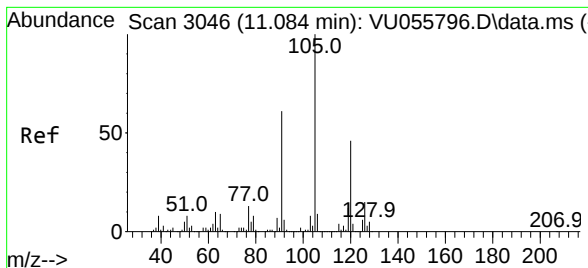
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#74
2-Chlorotoluene
Concen: 0.638 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

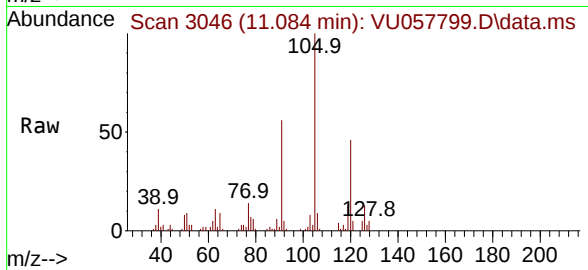
Tgt Ion:126 Resp: 7680
Ion Ratio Lower Upper
126 100
91 335.6 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 0.612 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

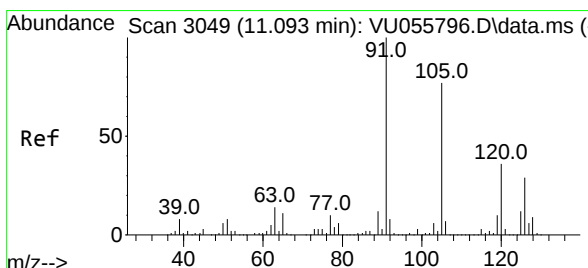
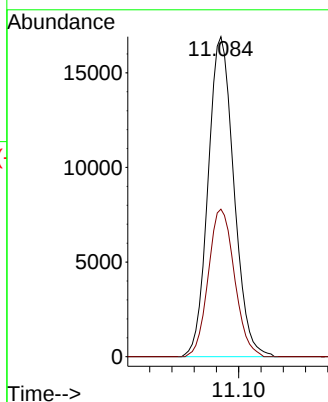
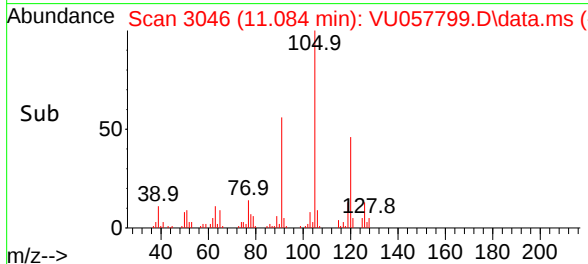
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



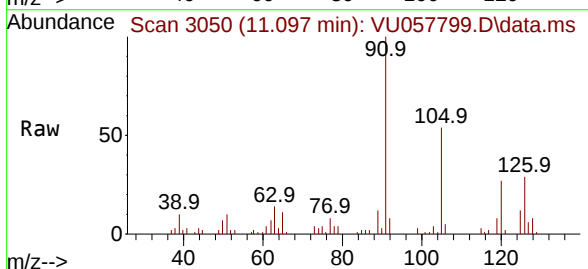
Tgt Ion:105 Resp: 27179
Ion Ratio Lower Upper
105 100
120 46.8 37.8 56.8

Manual Integrations
APPROVED

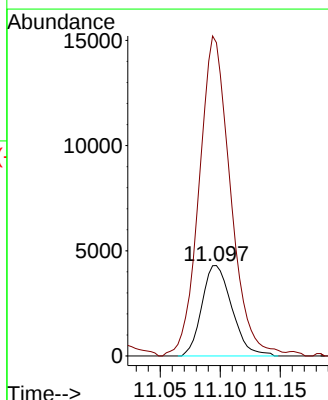
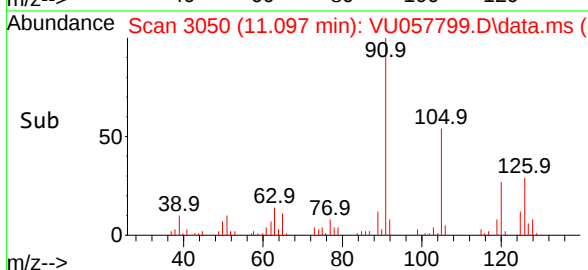
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

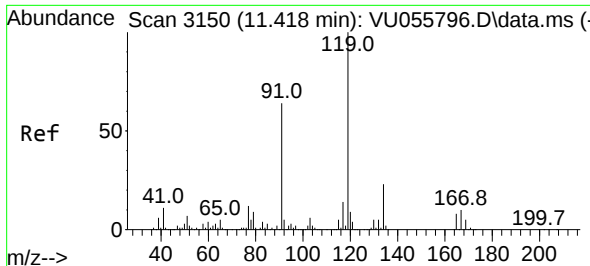


#76
4-Chlorotoluene
Concen: 0.617 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.004 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06



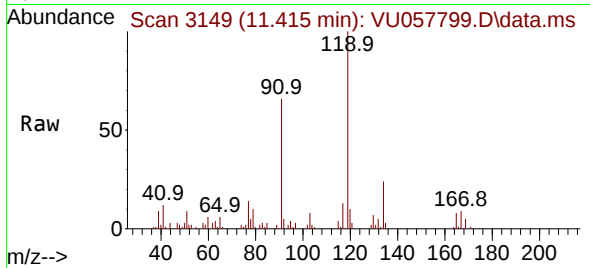
Tgt Ion:126 Resp: 7463
Ion Ratio Lower Upper
126 100
91 370.5 0.0 686.2





#77
tert-Butylbenzene
Concen: 0.646 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

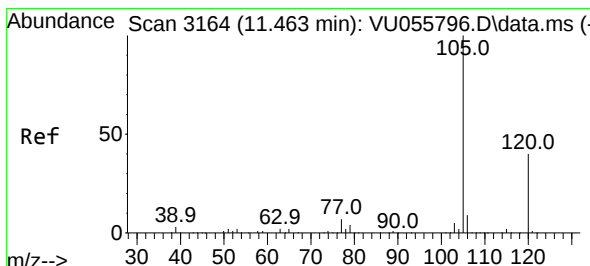
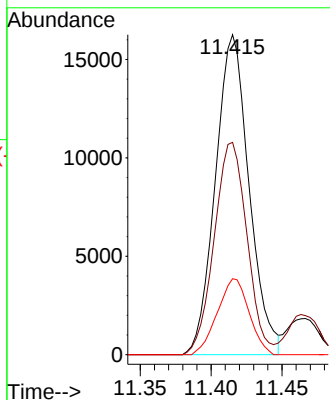
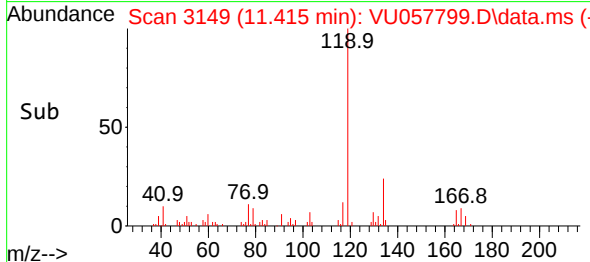
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



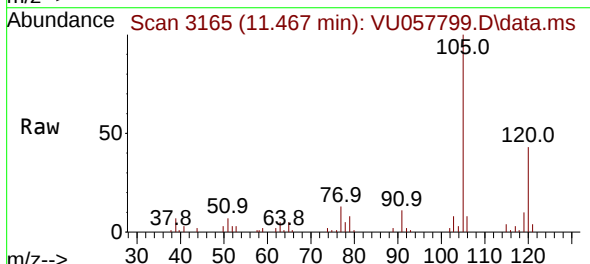
Tgt Ion:119 Resp: 26900
Ion Ratio Lower Upper
119 100
91 64.6 30.8 92.4
134 22.3 18.0 27.0

Manual Integrations
APPROVED

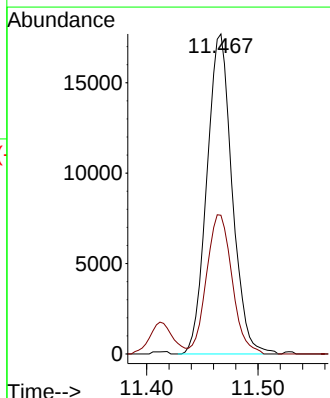
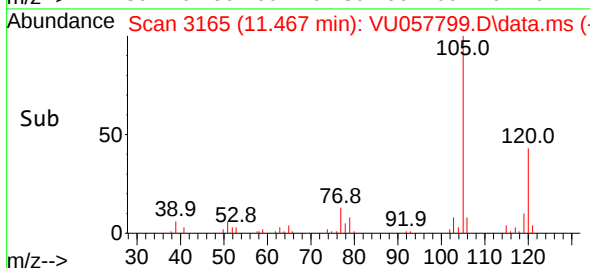
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

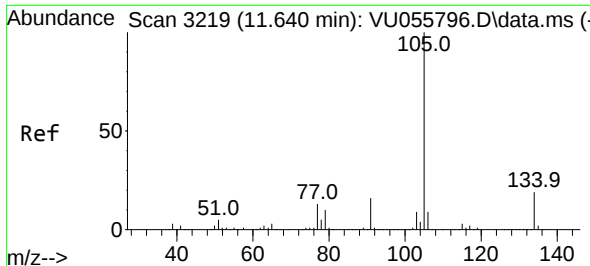


#78
1,2,4-Trimethylbenzene
Concen: 0.619 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.004 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06



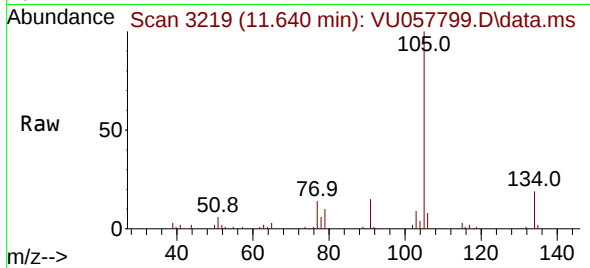
Tgt Ion:105 Resp: 27863
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 0.651 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU057799.D
 Acq: 02 Feb 2024 18:06

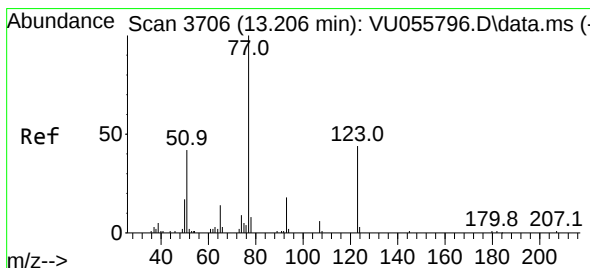
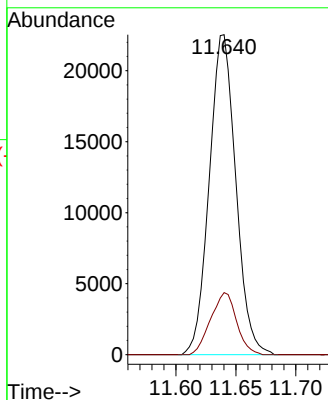
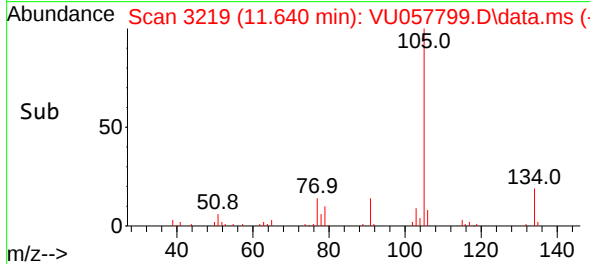
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2024



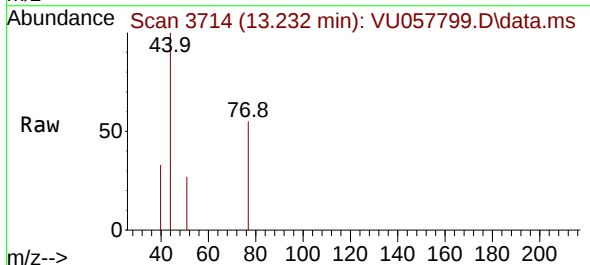
Tgt Ion:105 Resp: 34674
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.9 22.3

Manual Integrations
 APPROVED

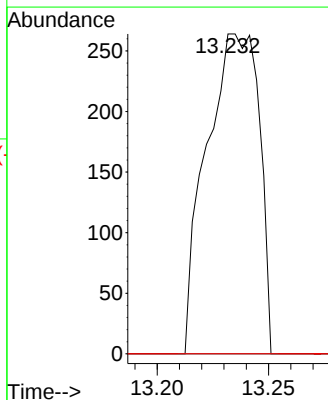
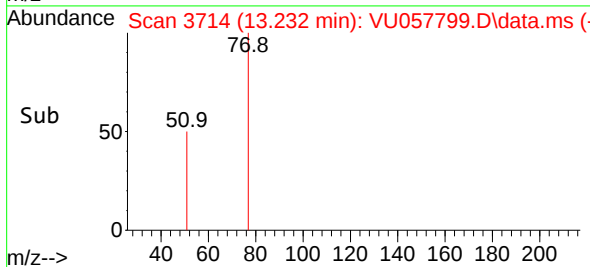
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

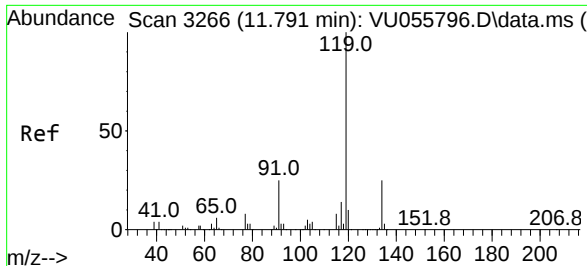


#80
 Nitrobenzene
 Concen: 2.356 ug/l
 RT: 13.232 min Scan# 3714
 Delta R.T. 0.026 min
 Lab File: VU057799.D
 Acq: 02 Feb 2024 18:06



Tgt Ion: 77 Resp: 434
 Ion Ratio Lower Upper
 77 100
 123 0.0 19.7 69.7#
 65 0.0 11.5 14.7#





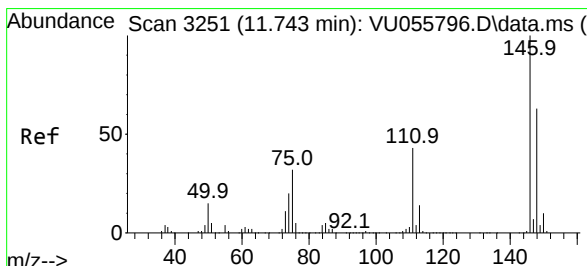
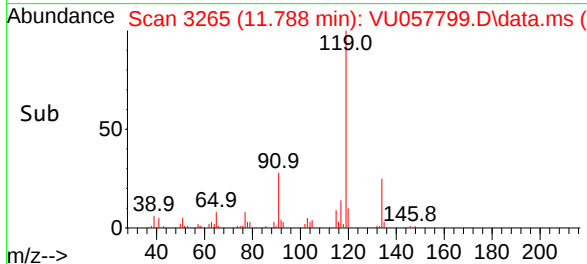
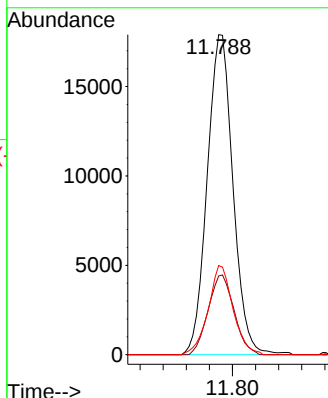
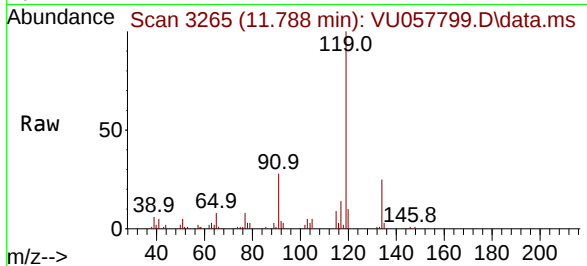
#81
p-Isopropyltoluene
Concen: 0.617 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion:119 Resp: 27700
Ion Ratio Lower Upper
119 100
134 25.0 20.2 30.4
91 26.8 19.3 28.9

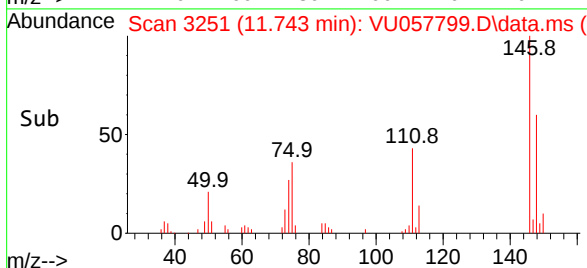
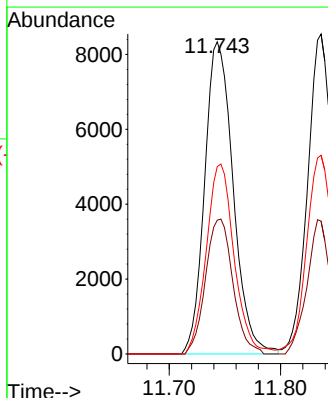
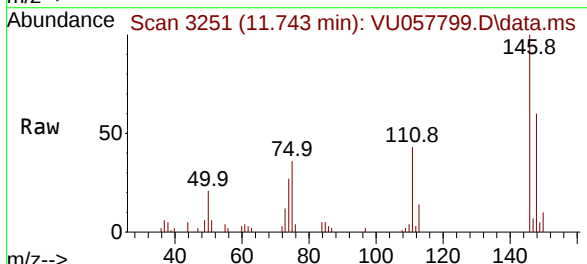
Manual Integrations
APPROVED

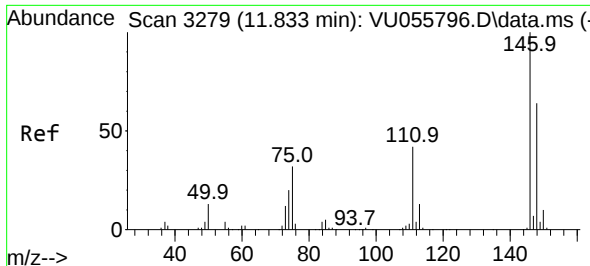
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#82
1,3-Dichlorobenzene
Concen: 0.646 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

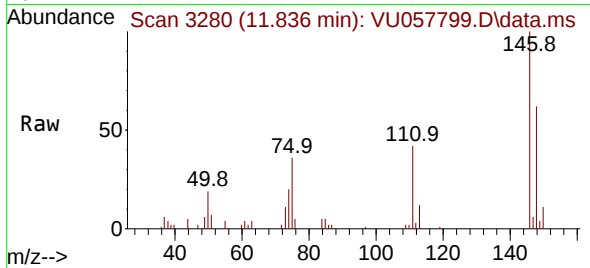
Tgt Ion:146 Resp: 14845
Ion Ratio Lower Upper
146 100
111 41.4 32.6 49.0
148 59.4 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.648 ug/l
RT: 11.836 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

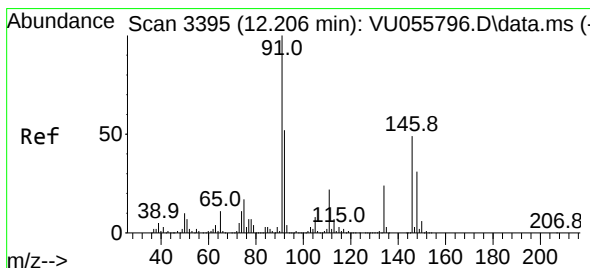
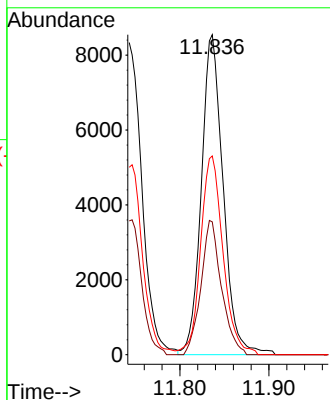
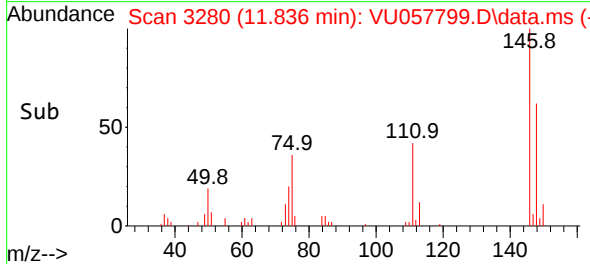
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



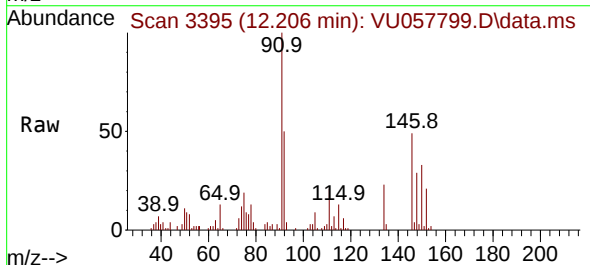
Tgt Ion:146 Resp: 1454
Ion Ratio Lower Upper
146 100
111 39.4 31.6 47.4
148 63.9 50.3 75.5

Manual Integrations
APPROVED

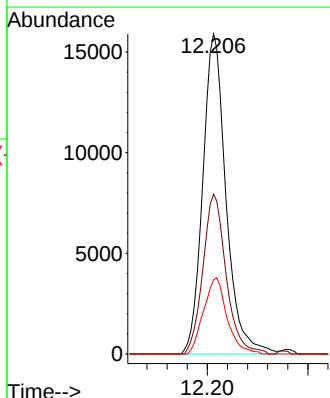
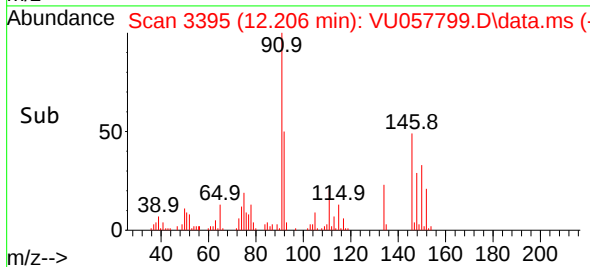
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

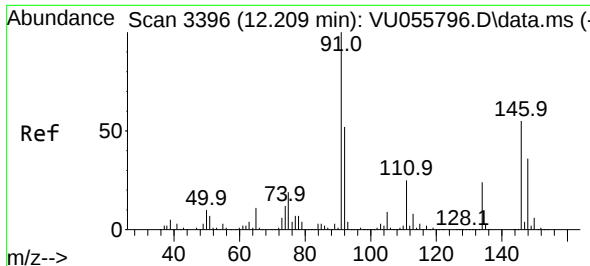


#84
n-Butylbenzene
Concen: 0.596 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06



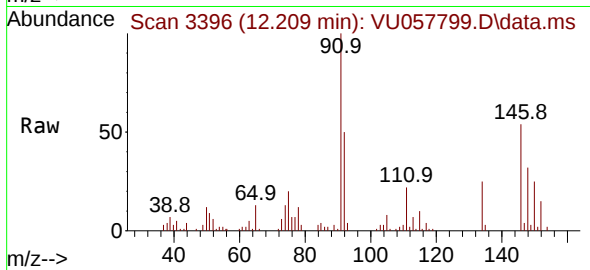
Tgt Ion: 91 Resp: 25565
Ion Ratio Lower Upper
91 100
92 49.7 40.8 61.2
134 23.9 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 0.665 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

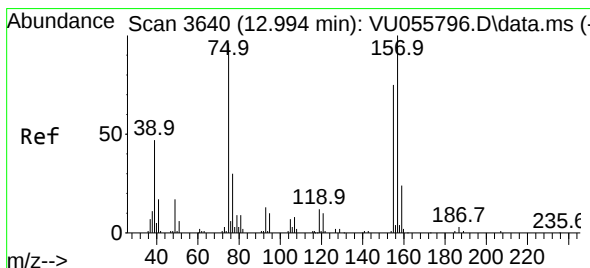
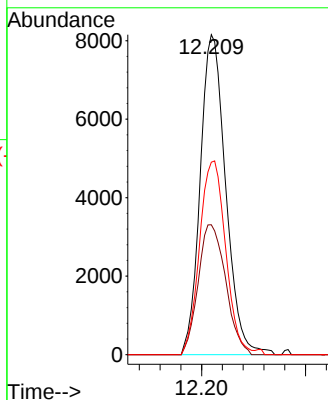
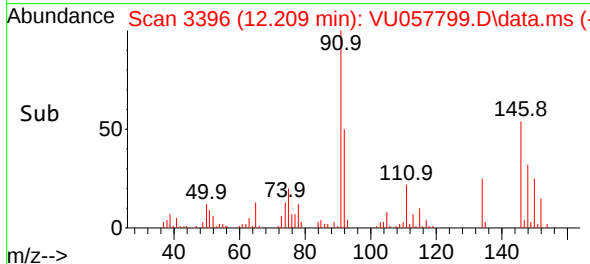
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



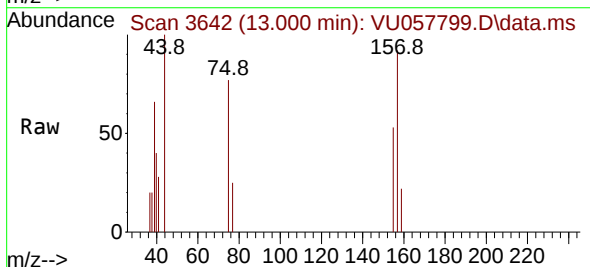
Tgt Ion:146 Resp: 1387
Ion Ratio Lower Upper
146 100
111 43.8 21.6 64.6
148 62.3 32.1 96.5

Manual Integrations
APPROVED

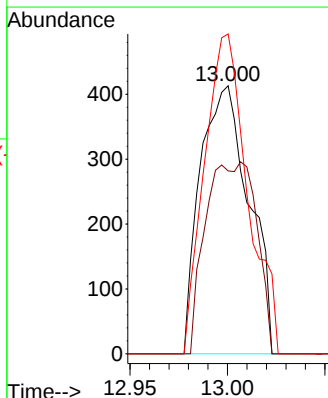
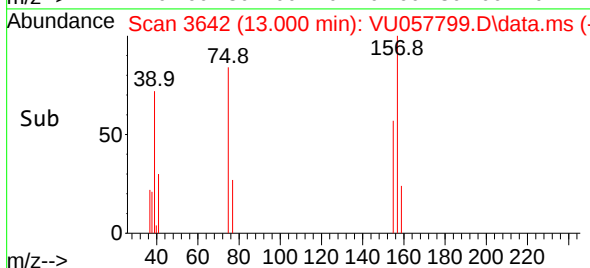
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

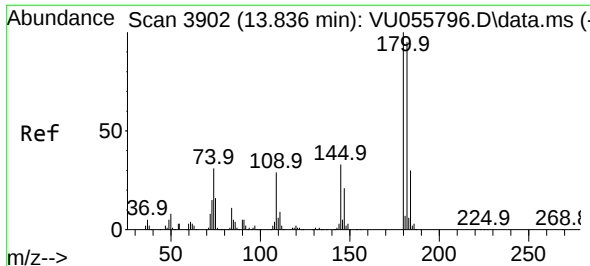


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.557 ug/l
RT: 13.000 min Scan# 3642
Delta R.T. 0.006 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06



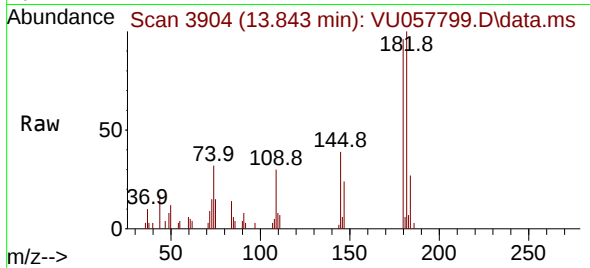
Tgt Ion: 75 Resp: 717
Ion Ratio Lower Upper
75 100
155 45.3 61.8 92.8#
157 106.0 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 0.567 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.007 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

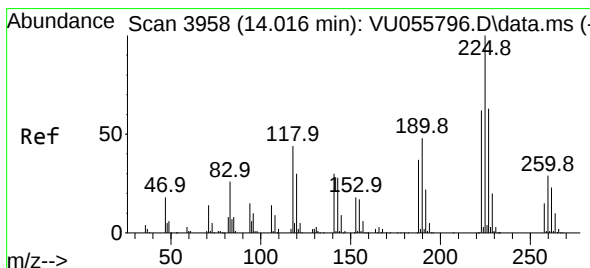
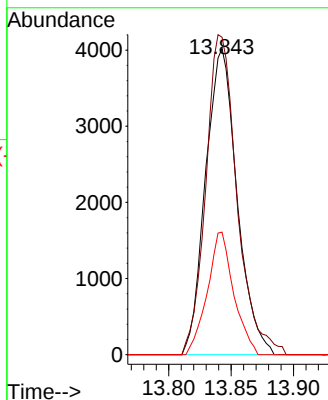
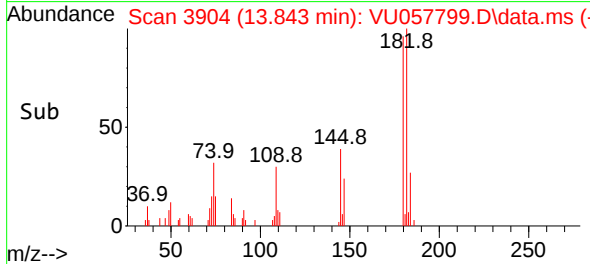
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024



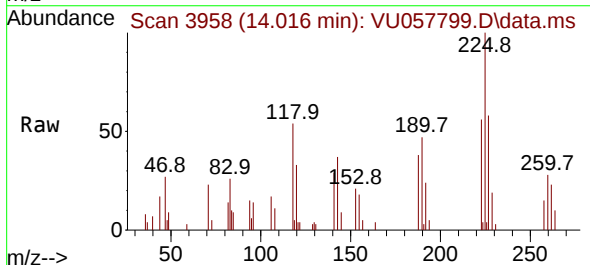
Tgt Ion:180 Resp: 7064
Ion Ratio Lower Upper
180 100
182 103.2 75.8 113.6
145 33.5 23.9 35.9

Manual Integrations
APPROVED

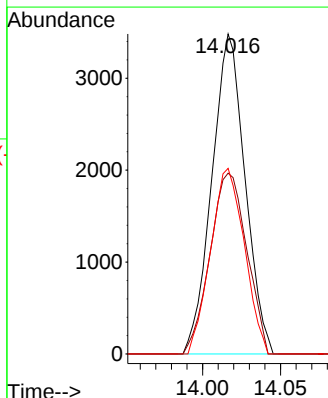
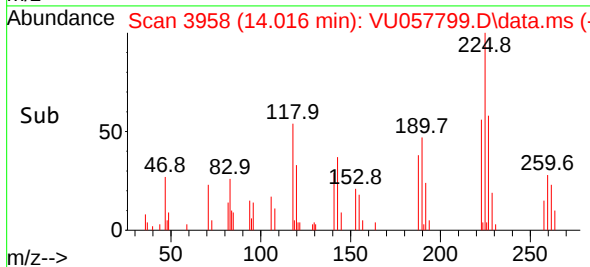
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

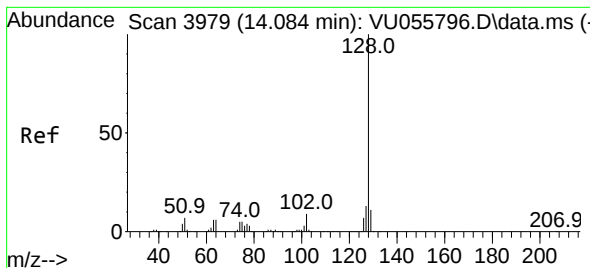


#88
Hexachlorobutadiene
Concen: 0.645 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06



Tgt Ion:225 Resp: 5154
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.4
227 59.0 51.5 77.3





#89

Naphthalene

Concen: 0.590 ug/l

RT: 14.090 min Scan# 3979

Delta R.T. 0.006 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

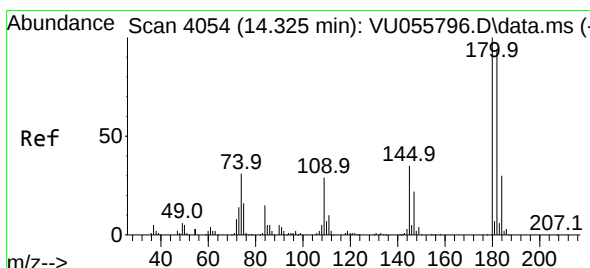
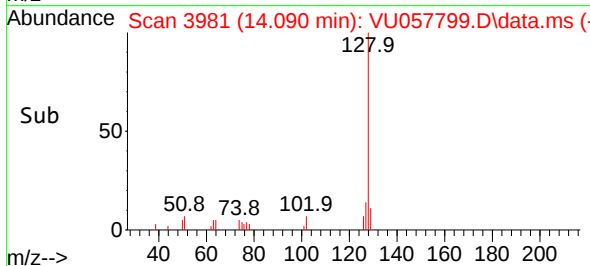
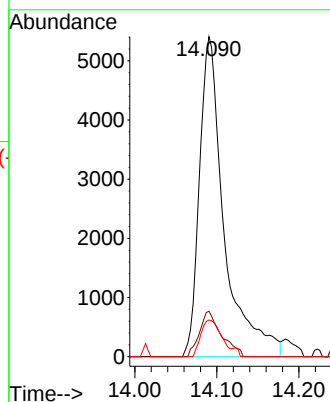
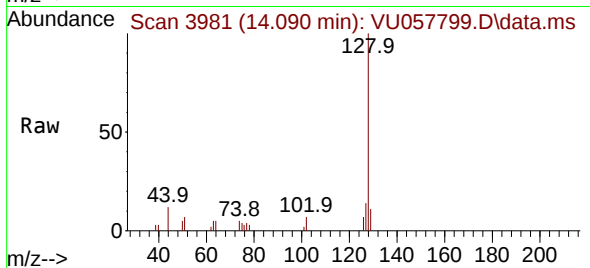
Tgt Ion:128	Resp:	1134
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.9 16.3
129	10.0	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#90

1,2,3-Trichlorobenzene

Concen: 0.604 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Tgt Ion:180	Resp:	6259
Ion Ratio	Lower	Upper
180	100	
182	92.5	75.7 113.5
145	33.2	26.1 39.1

