

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057793.D
 Acq On : 02 Feb 2024 14:16
 Operator : MD/SY
 Sample : P1187-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 05 02:32:33 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.110	96	42470	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14798	0.920	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12821	0.885	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	12931	0.914	ug/l	95
3) Chloromethane	1.519	50	12994	0.958	ug/l	99
4) Vinyl Chloride	1.602	62	13943	1.008	ug/l	98
5) Bromomethane	1.856	94	9093	1.107	ug/l	98
6) Chloroethane	1.930	64	8418	0.963	ug/l	99
7) Trichlorofluoromethane	2.133	101	19963	0.942	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	10583	0.972	ug/l	98
9) 1,1-Dichloroethene	2.576	96	10181	0.965	ug/l	98
10) Iodomethane	2.718	142	10296	0.822	ug/l	96
11) Allyl Chloride	2.920	41	14532	1.015	ug/l	88
12) Acrylonitrile	3.335	53	3459m	1.920	ug/l	
13) Acetone	2.647	43	18437	5.655	ug/l	90
14) Carbon Disulfide	2.789	76	31829	0.942	ug/l	98
15) Methylene Chloride	3.039	84	12857	1.020	ug/l	99
16) trans-1,2-Dichloroethene	3.348	96	11524	1.000	ug/l	98
17) 1,1-Dichloroethane	3.863	63	21033	0.967	ug/l	99
18) 2-Butanone	4.731	43	16595	4.723	ug/l	94
19) Cyclohexane	5.380	56	16549	0.971	ug/l	88
20) Methylcyclohexane	6.756	83	19336	0.938	ug/l	96
21) 2,2-Dichloropropane	4.660	77	18529	0.959	ug/l	97
22) cis-1,2-Dichloroethene	4.663	96	11892	0.942	ug/l	94
23) Diethyl Ether	2.371	59	7395	0.971	ug/l	95
24) tert-Butyl Alcohol	3.284	59	9572m	11.054	ug/l	
25) Methyl tert-Butyl Ether	3.355	73	24265	0.980	ug/l	# 88
26) Bromochloromethane	4.969	128	5015	0.989	ug/l	95
27) Chloroform	5.081	83	22217	0.982	ug/l	98
28) 1,1,1-Trichloroethane	5.309	97	19200	0.940	ug/l	98
29) 1,1-Dichloropropene	5.522	75	15989	0.968	ug/l	96
30) Carbon Tetrachloride	5.518	117	16544	0.940	ug/l	97
31) Isopropyl Ether	3.985	45	31033	0.975	ug/l	94
32) Ethyl-t-butyl ether	4.493	59	28505	0.964	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	23493	0.944	ug/l	99
34) Propionitrile	4.834	54	3431m	4.711	ug/l	
35) Benzene	5.769	78	45125	0.949	ug/l	100
36) 1,2-Dichloroethane	5.792	62	13430	0.969	ug/l	# 85
37) Trichloroethene	6.541	130	12287	0.973	ug/l	99
38) 1,2-Dichloropropane	6.785	63	11445	0.928	ug/l	96
39) Methacrylonitrile	4.991	41	2904	1.000	ug/l	# 76
40) Methyl acrylate	4.875	55	3465	0.793	ug/l	# 75
41) Tetrahydrofuran	5.075	42	3099	2.000	ug/l	# 89
42) 1-Chlorobutane	5.454	56	21478	0.986	ug/l	97
43) Dibromomethane	6.917	93	5689	1.003	ug/l	95
44) Bromodichloromethane	7.100	83	14878	0.937	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	27449	4.540	ug/l	98
46) t-1,4-Dichloro-2-butene	10.833	75	3446m	2.509	ug/l	
47) Methyl methacrylate	6.962	69	9539	1.904	ug/l	95
48) Ethyl methacrylate	8.335	69	8398	0.836	ug/l	89
49) Toluene	7.965	92	27320	0.940	ug/l	99
50) t-1,3-Dichloropropene	8.210	75	12559	0.916	ug/l	100
51) cis-1,3-Dichloropropene	7.605	75	15368	0.885	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	7537	0.964	ug/l	93
53) 1,3-Dichloropropane	8.570	76	13319	0.948	ug/l	98
54) 2-Hexanone	8.689	43	25879	4.650	ug/l	96
55) Dibromochloromethane	8.804	129	8710	0.900	ug/l	98
56) 1,2-Dibromoethane	8.920	107	6582	0.915	ug/l	92
58) Tetrachloroethene	8.550	164	11278	1.012	ug/l	94
59) Chlorobenzene	9.444	112	31143	0.969	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	10255	0.940	ug/l	95
61) Pentachloroethane	11.419	117	6659	0.840	ug/l	89
62) Hexachloroethane	12.470	117	6822	0.789	ug/l	98
63) Ethyl Benzene	9.566	91	54081	0.946	ug/l	98
64) m/p-Xylenes	9.692	106	38884	1.874	ug/l	97
65) o-Xylene	10.097	106	19509	0.950	ug/l	94
66) Styrene	10.113	104	26479	0.864	ug/l	93
67) Bromoform	10.287	173	4203	0.844	ug/l	99
69) Isopropylbenzene	10.480	105	47533	0.883	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.779	83	9177	0.937	ug/l	97
71) 1,2,3-Trichloropropane	10.820	75	6639m	0.821	ug/l	
72) Bromobenzene	10.782	156	10712	0.904	ug/l	85
73) n-propylbenzene	10.901	120	12369	0.914	ug/l	97
74) 2-Chlorotoluene	10.984	126	11346	0.904	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	42051	0.909	ug/l	99
76) 4-Chlorotoluene	11.097	126	11047	0.876	ug/l	97
77) tert-Butylbenzene	11.415	119	38677	0.891	ug/l	96
78) 1,2,4-Trimethylbenzene	11.464	105	42442	0.905	ug/l	100
79) sec-Butylbenzene	11.637	105	51730	0.932	ug/l	99
80) Nitrobenzene	13.226	77	616	3.208	ug/l #	60
81) p-Isopropyltoluene	11.788	119	43255	0.925	ug/l	96
82) 1,3-Dichlorobenzene	11.743	146	21310	0.889	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	21166	0.905	ug/l	96
84) n-Butylbenzene	12.206	91	42959	0.960	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	22389	1.030	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.000	75	1277	0.952	ug/l #	79
87) 1,2,4-Trichlorobenzene	13.840	180	16375	1.261	ug/l	98
88) Hexachlorobutadiene	14.016	225	8406	1.009	ug/l	99
89) Naphthalene	14.087	128	23876	1.191	ug/l	97
90) 1,2,3-Trichlorobenzene	14.328	180	10533	0.975	ug/l	95

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

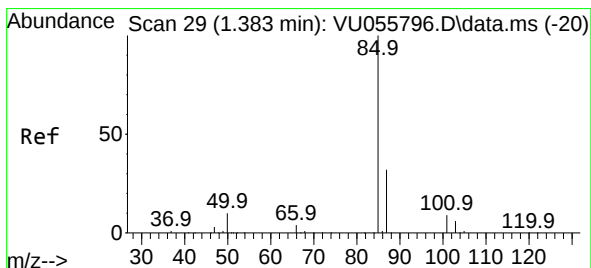
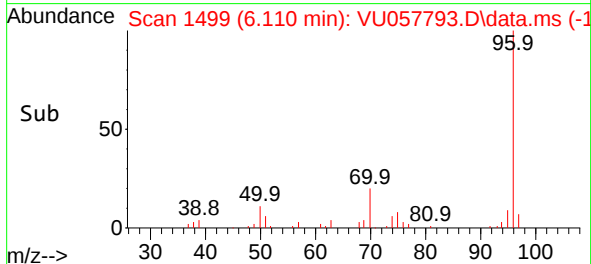
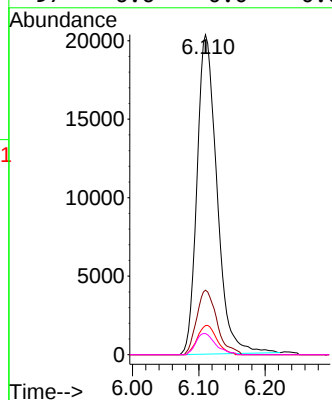
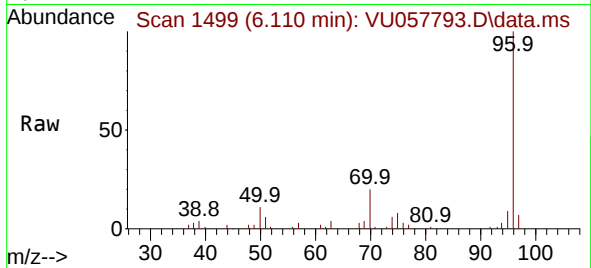
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 96 Resp: 42470

Ion	Ratio	Lower	Upper
96	100		
70	20.5	16.5	24.7
95	8.9	7.4	11.0
97	6.6	0.0	0.0

Manual Integrations
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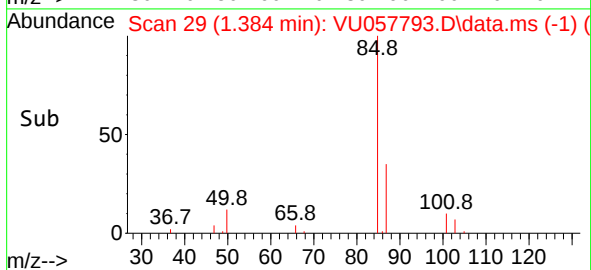
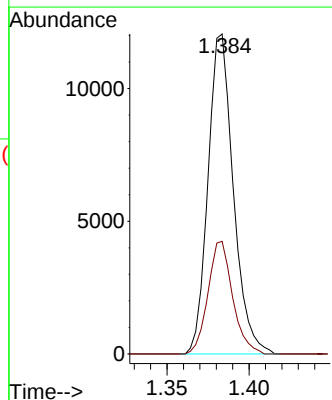
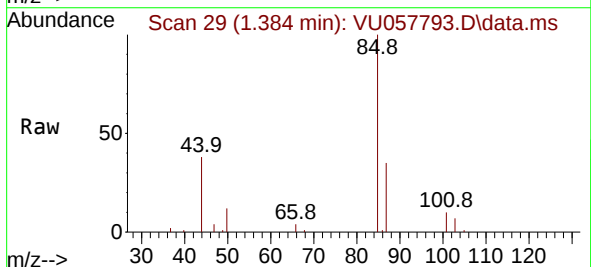
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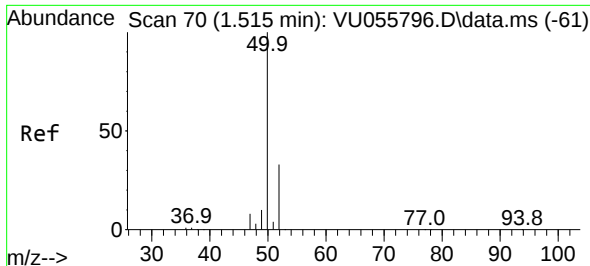


#2
Dichlorodifluoromethane
Concen: 0.914 ug/l
RT: 1.384 min Scan# 29
Delta R.T. 0.001 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion: 85 Resp: 12931

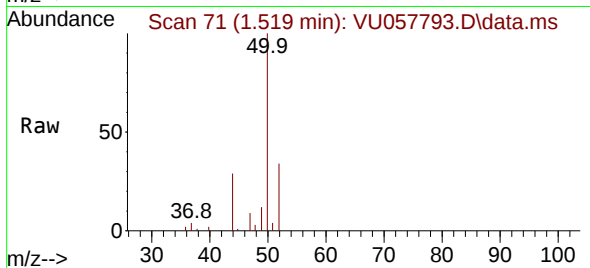
Ion	Ratio	Lower	Upper
85	100		
87	35.2	16.2	48.6





#3
Chloromethane
Concen: 0.958 ug/l
RT: 1.519 min Scan# 70
Delta R.T. 0.004 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

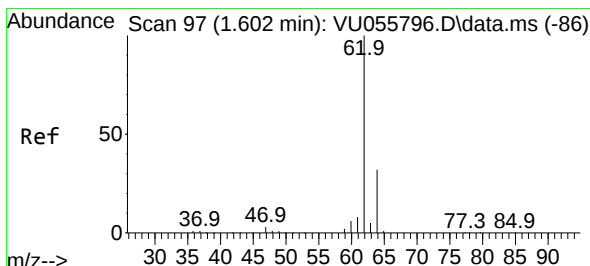
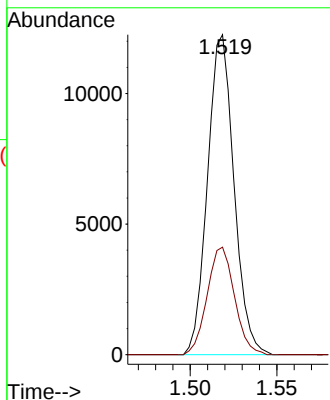
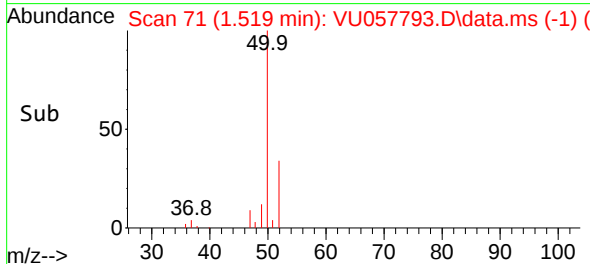
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



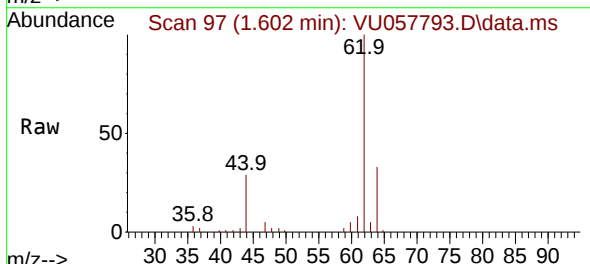
Tgt Ion: 50 Resp: 12994
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0

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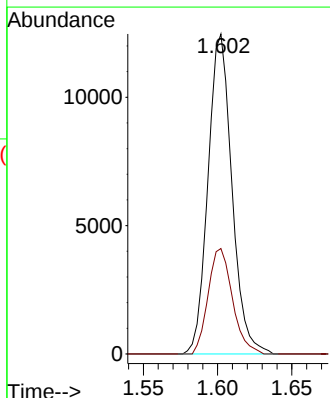
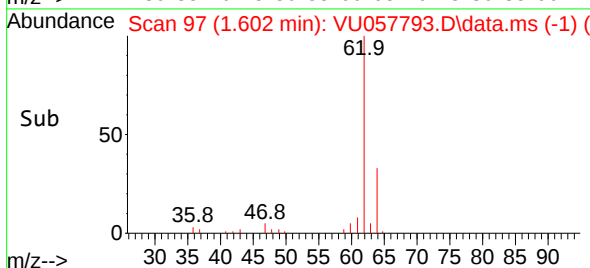
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

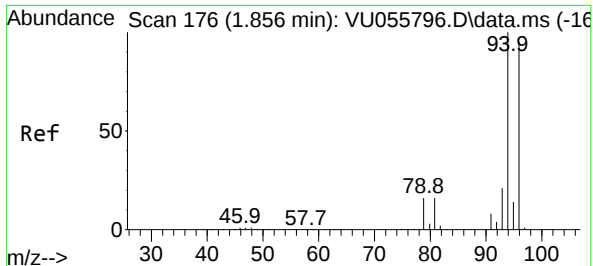


#4
Vinyl Chloride
Concen: 1.008 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16



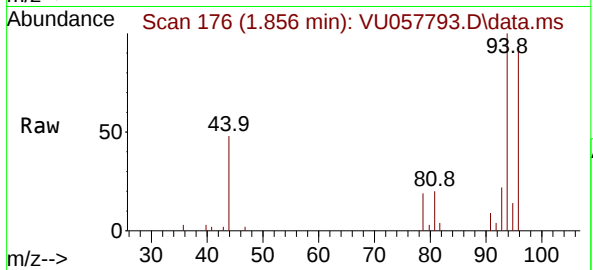
Tgt Ion: 62 Resp: 13943
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.2





#5
Bromomethane
Concen: 1.107 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

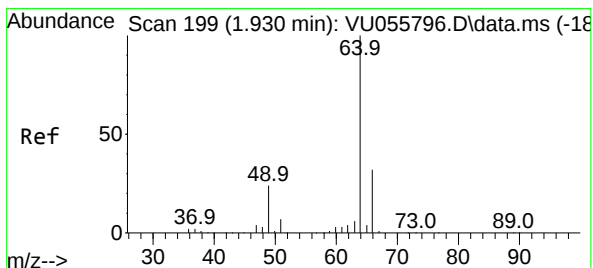
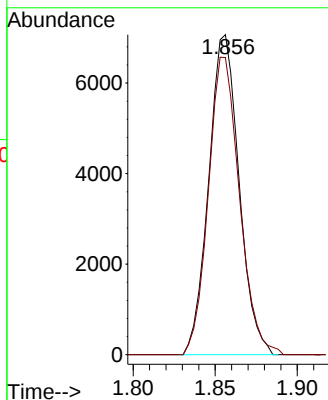
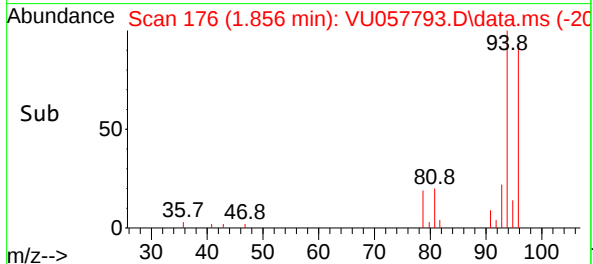
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 94 Resp: 909
Ion Ratio Lower Upper
94 100
96 92.8 75.4 113.2

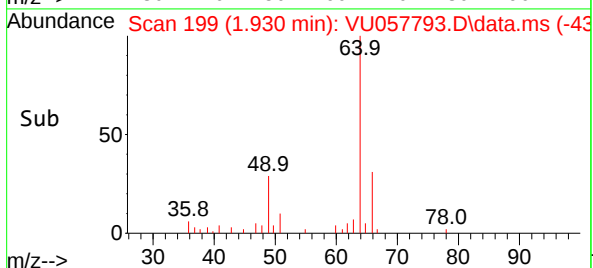
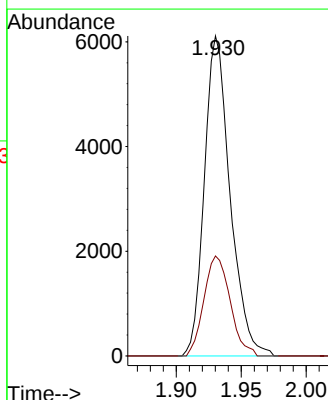
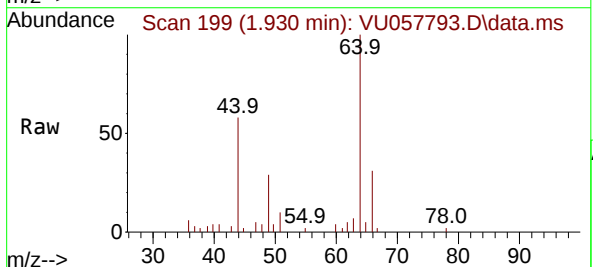
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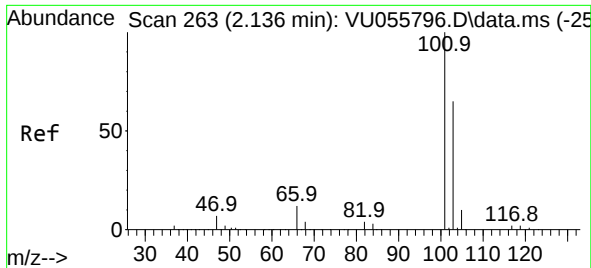
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#6
Chloroethane
Concen: 0.963 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion: 64 Resp: 8418
Ion Ratio Lower Upper
64 100
66 33.3 26.0 39.0





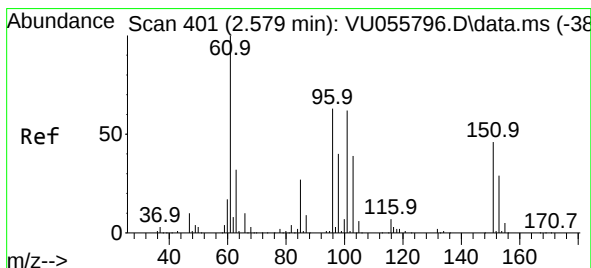
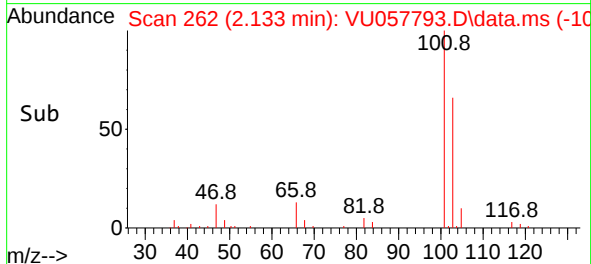
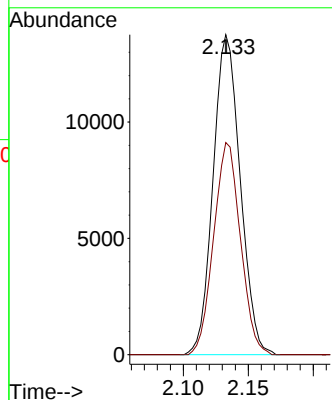
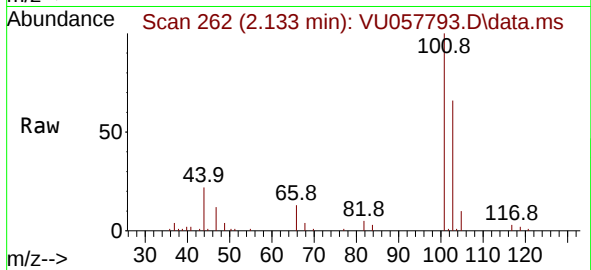
#7
Trichlorofluoromethane
Concen: 0.942 ug/l
RT: 2.133 min Scan# 20
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

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

Tgt Ion:101 Resp: 1996
Ion Ratio Lower Upper
101 100
103 67.0 51.4 77.0

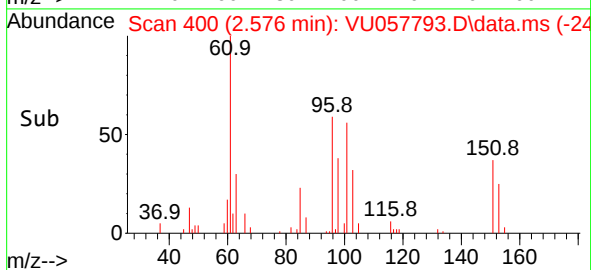
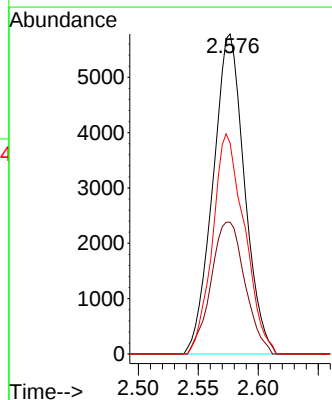
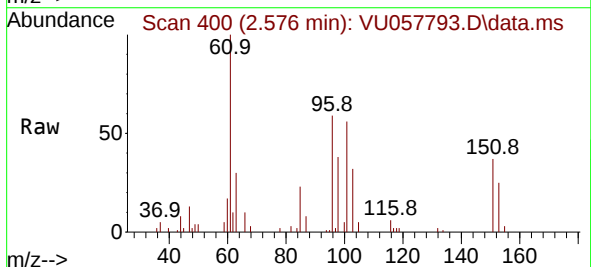
Manual Integrations
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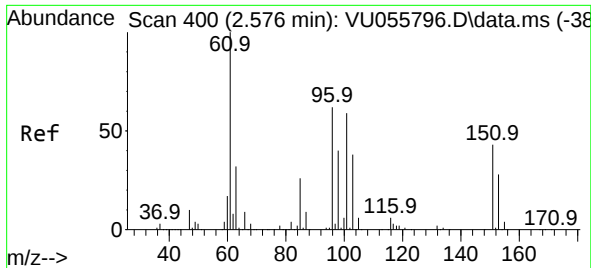
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.972 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion:101 Resp: 10583
Ion Ratio Lower Upper
101 100
85 44.3 35.4 53.0
151 69.7 54.0 81.0





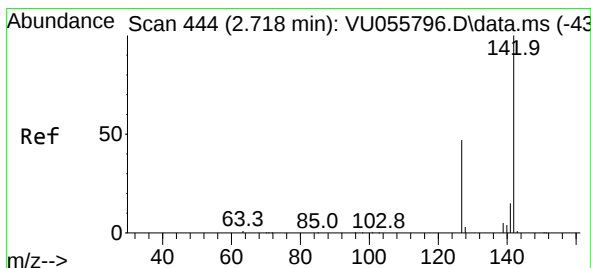
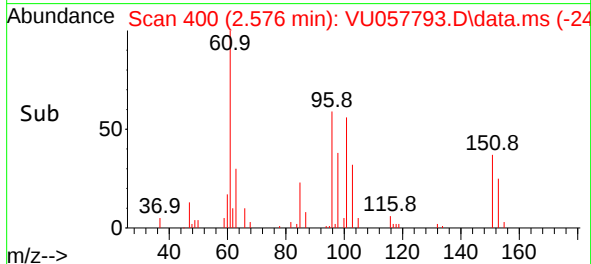
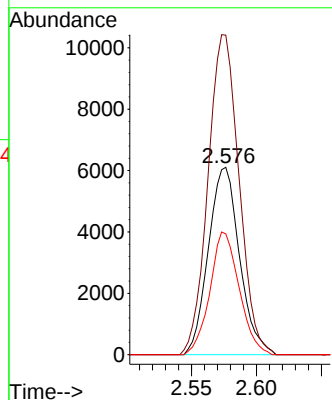
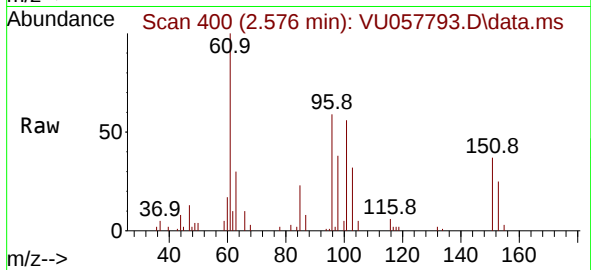
#9
1,1-Dichloroethene
Concen: 0.965 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

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

Tgt Ion: 96 Resp: 1018
Ion Ratio Lower Upper
96 100
61 170.6 0.0 521.4
98 64.5 0.0 125.8

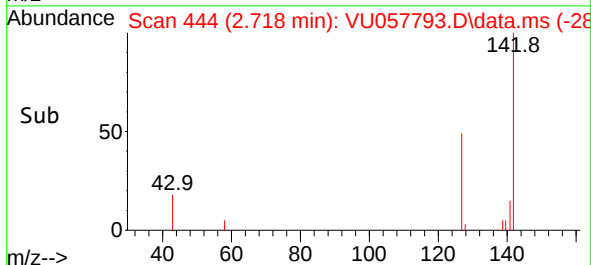
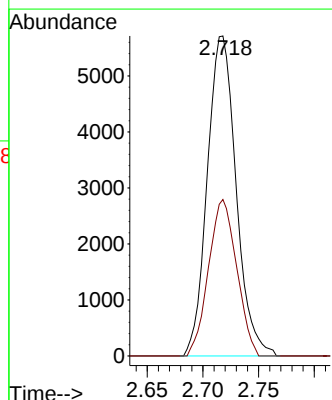
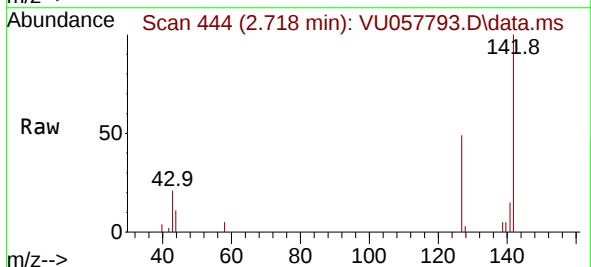
Manual Integrations
APPROVED

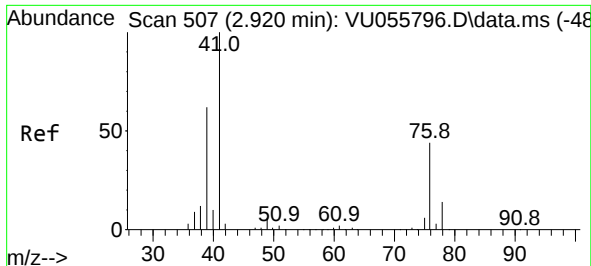
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#10
Iodomethane
Concen: 0.822 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

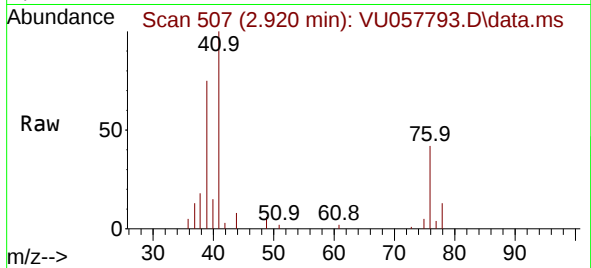
Tgt Ion:142 Resp: 10296
Ion Ratio Lower Upper
142 100
127 47.6 35.9 53.9





#11
 Allyl Chloride
 Concen: 1.015 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU057793.D
 Acq: 02 Feb 2024 14:16

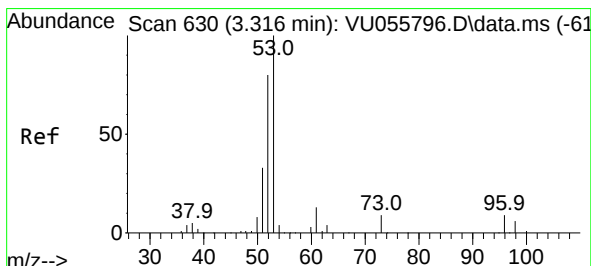
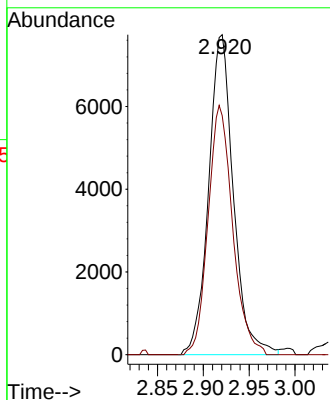
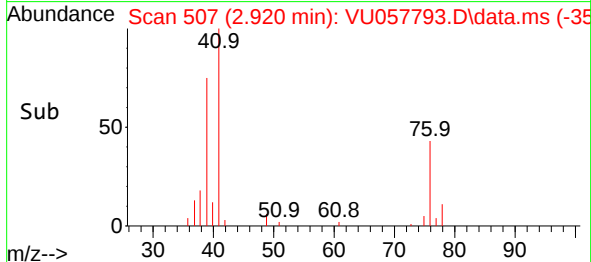
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



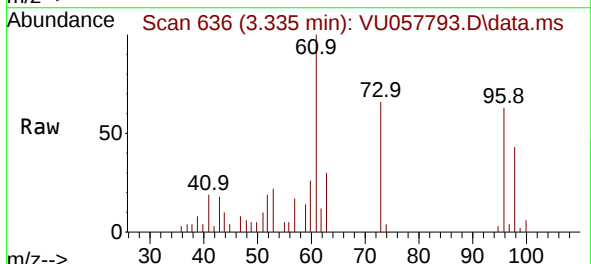
Tgt Ion: 41 Resp: 1453
 Ion Ratio Lower Upper
 41 100
 39 77.2 54.2 81.2

Manual Integrations
 APPROVED

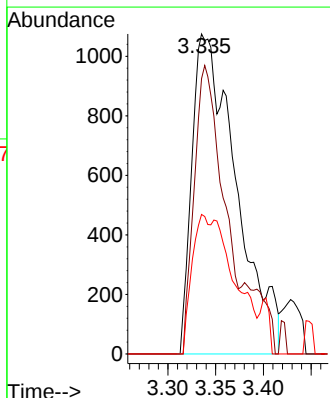
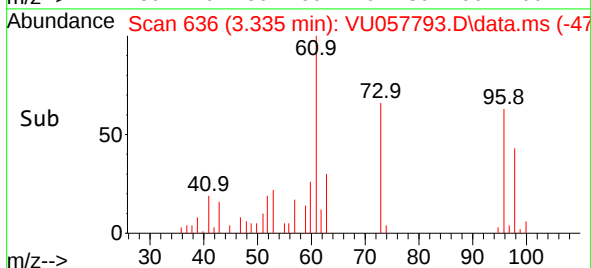
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

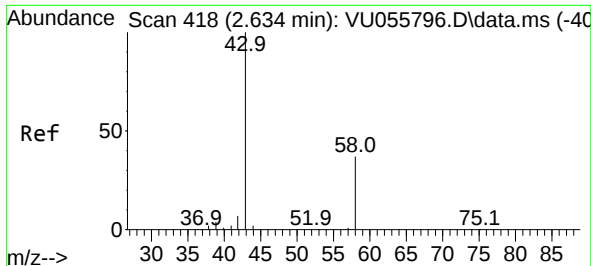


#12
 Acrylonitrile
 Concen: 1.920 ug/l m
 RT: 3.335 min Scan# 636
 Delta R.T. 0.019 min
 Lab File: VU057793.D
 Acq: 02 Feb 2024 14:16



Tgt Ion: 53 Resp: 3459
 Ion Ratio Lower Upper
 53 100
 52 59.6 62.9 94.3#
 51 18.4 27.8 41.6#





#13

Acetone

Concen: 5.655 ug/l

RT: 2.647 min Scan# 418

Delta R.T. 0.013 min

Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 1843

Ion Ratio Lower Upper

43 100

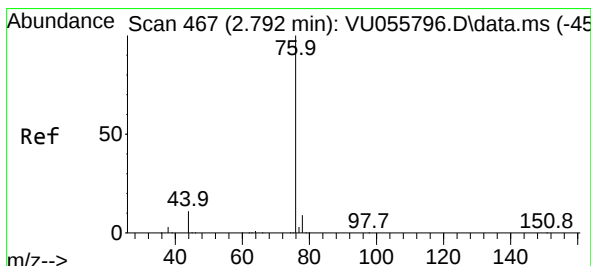
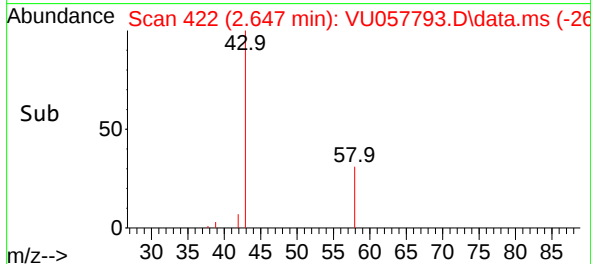
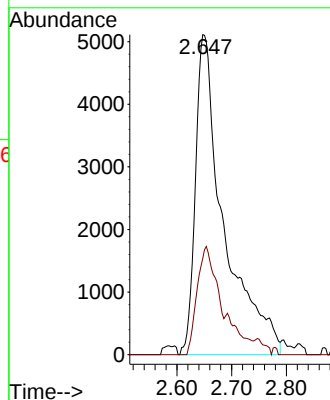
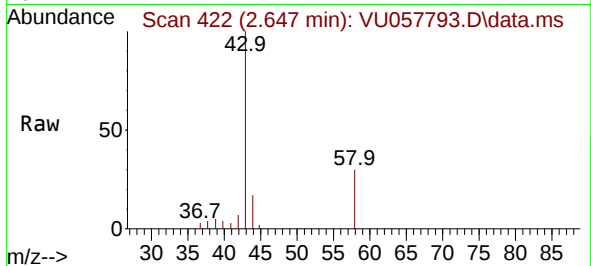
58 30.0 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#14

Carbon Disulfide

Concen: 0.942 ug/l

RT: 2.789 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU057793.D

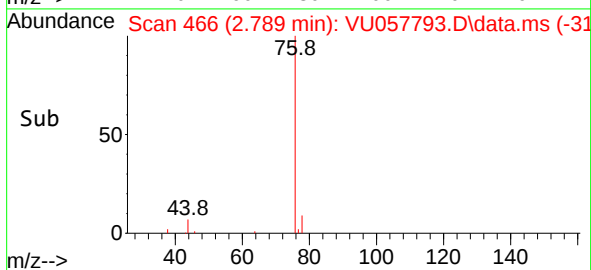
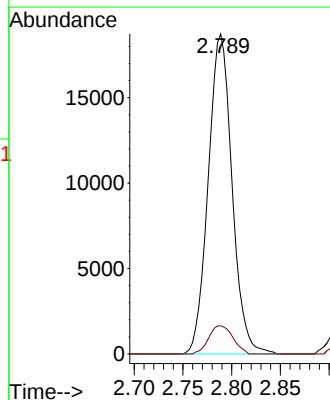
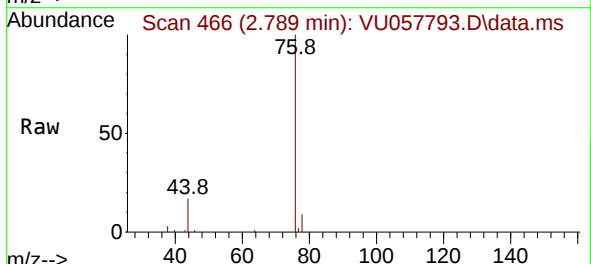
Acq: 02 Feb 2024 14:16

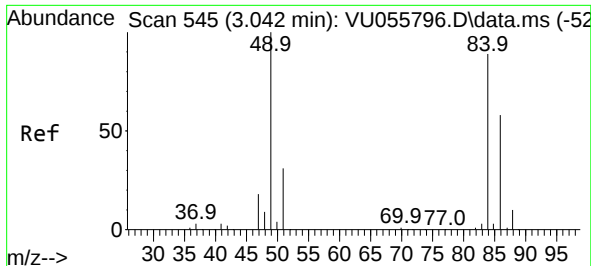
Tgt Ion: 76 Resp: 31829

Ion Ratio Lower Upper

76 100

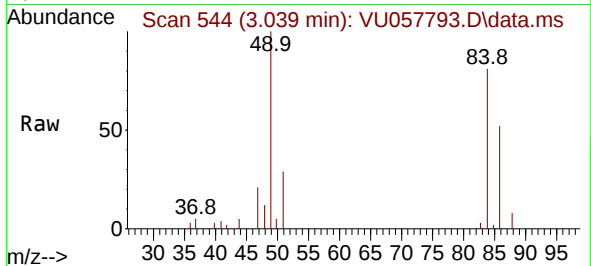
78 8.6 7.4 11.0





#15
Methylene Chloride
Concen: 1.020 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

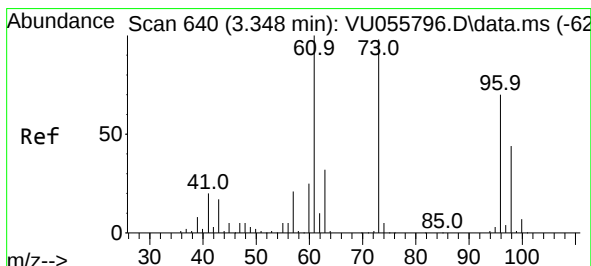
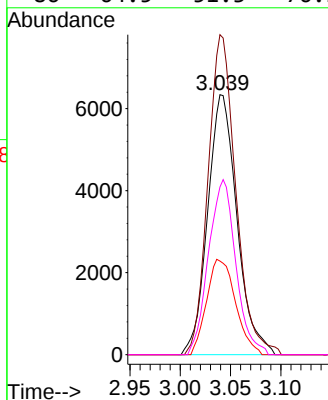
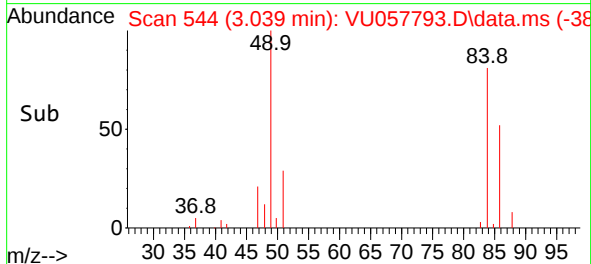
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 84 Resp: 1285
Ion Ratio Lower Upper
84 100
49 123.1 98.9 148.3
51 36.0 0.0 75.4
86 64.5 51.3 76.9

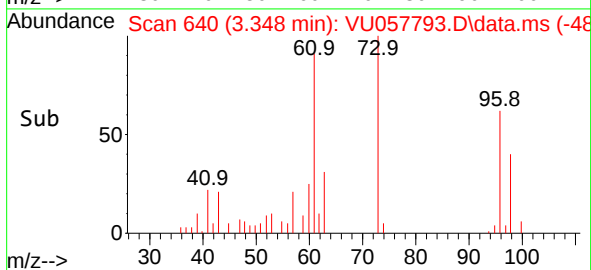
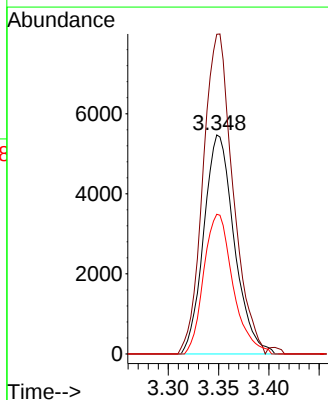
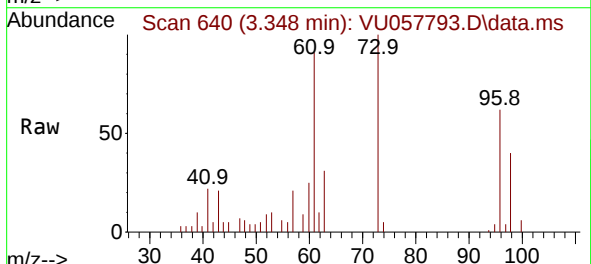
Manual Integrations
APPROVED

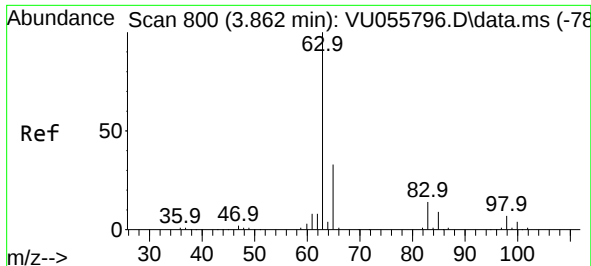
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#16
trans-1,2-Dichloroethene
Concen: 1.000 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion: 96 Resp: 11524
Ion Ratio Lower Upper
96 100
61 146.0 117.5 176.3
98 63.8 48.3 72.5





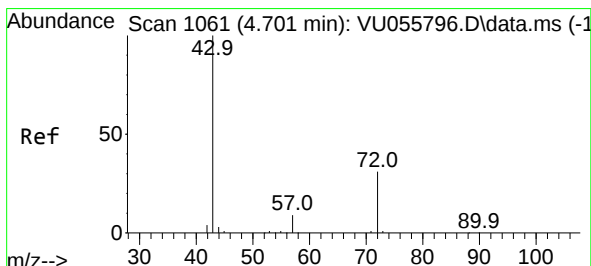
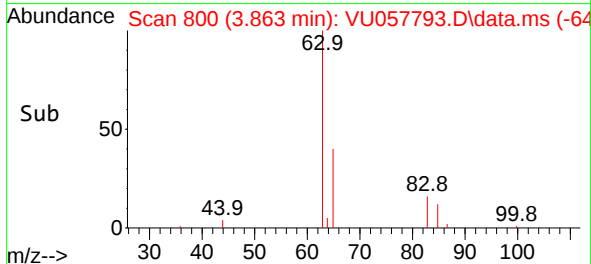
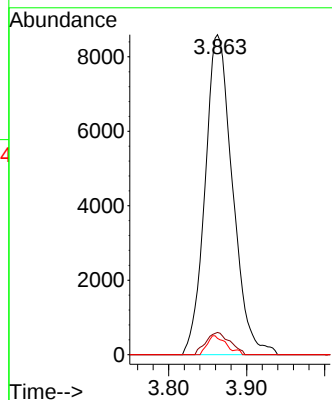
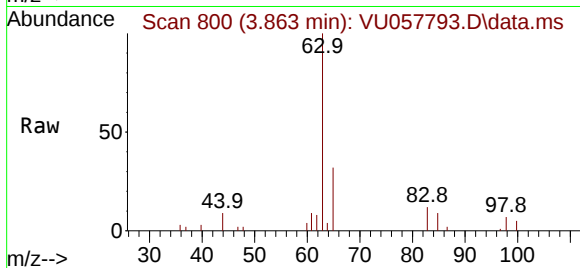
#17
1,1-Dichloroethane
Concen: 0.967 ug/l
RT: 3.863 min Scan# 800
Delta R.T. 0.001 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

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

Tgt Ion: 63 Resp: 2103
Ion Ratio Lower Upper
63 100
98 6.9 3.4 10.1
100 5.1 2.2 6.6

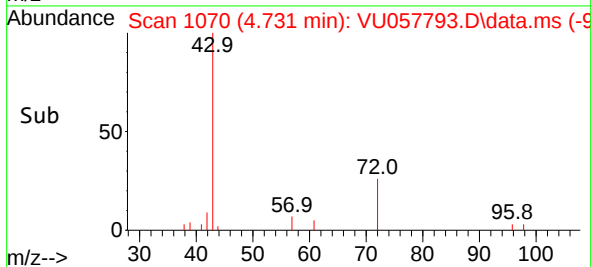
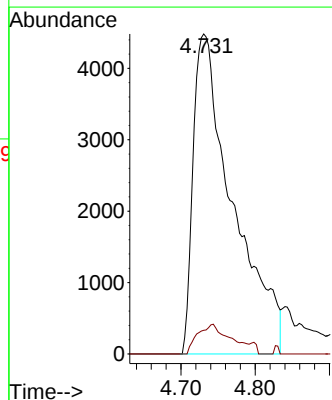
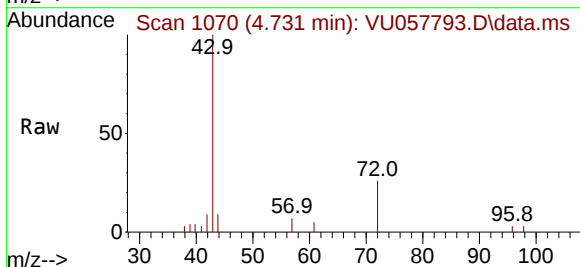
Manual Integrations
APPROVED

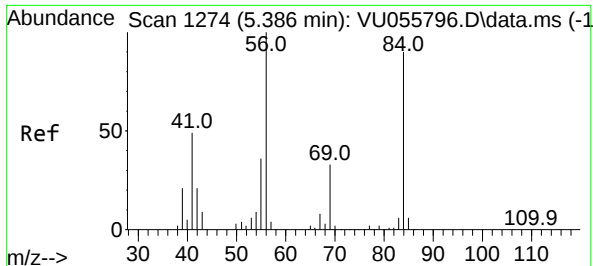
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#18
2-Butanone
Concen: 4.723 ug/l
RT: 4.731 min Scan# 1070
Delta R.T. 0.030 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion: 43 Resp: 16595
Ion Ratio Lower Upper
43 100
57 7.4 0.0 19.6





#19

Cyclohexane

Concen: 0.971 ug/l

RT: 5.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

Instrument :

MSVOA_U

ClientSampleId :

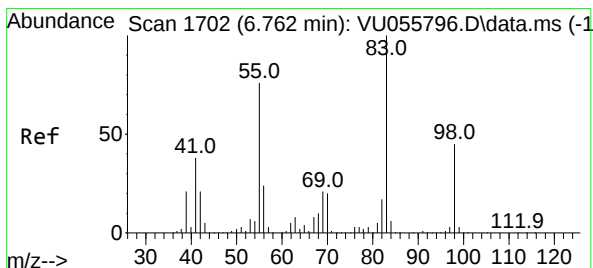
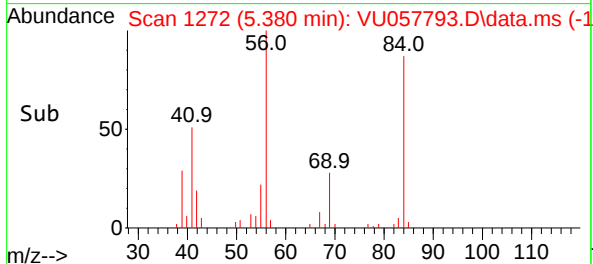
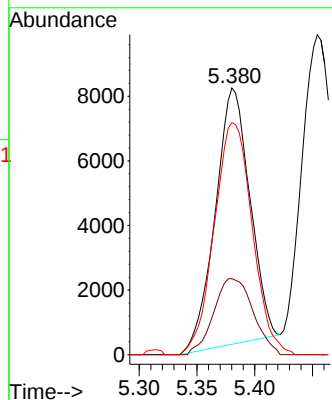
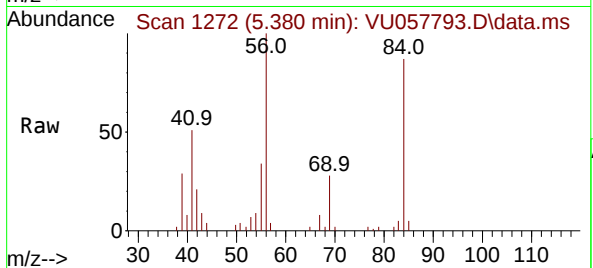
LOQ-WATER-02-QT1-2024

Tgt Ion:	56	Resp:	16549
Ion Ratio	Lower	Upper	
56	100		
69	33.7	24.6	37.0
84	99.3	68.4	102.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 0.938 ug/l

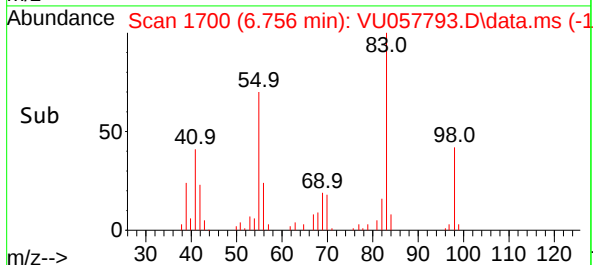
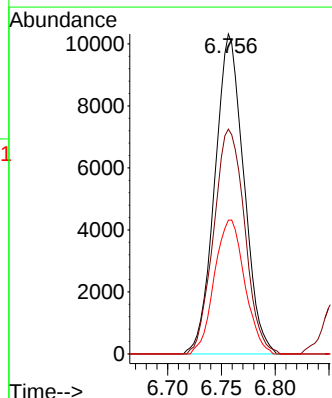
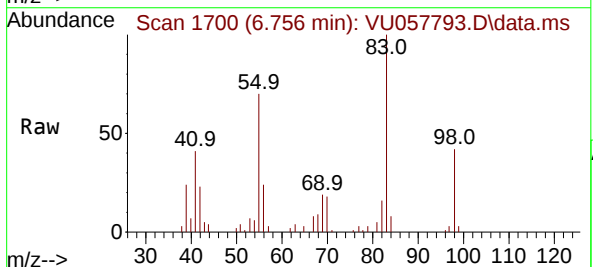
RT: 6.756 min Scan# 1700

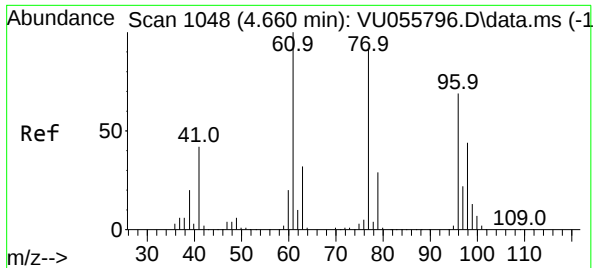
Delta R.T. -0.006 min

Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

Tgt Ion:	83	Resp:	19336
Ion Ratio	Lower	Upper	
83	100		
55	75.3	63.5	95.3
98	43.8	36.0	54.0





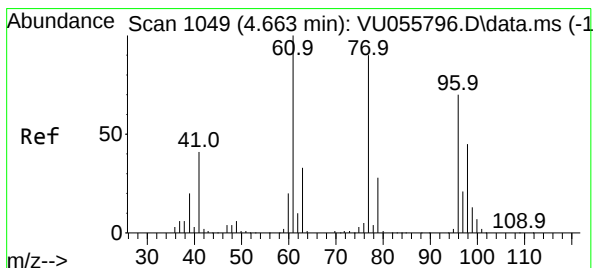
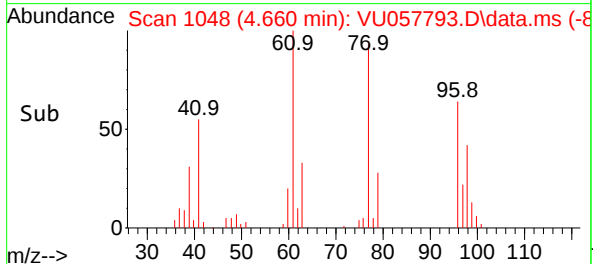
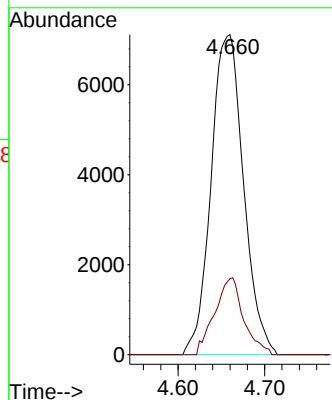
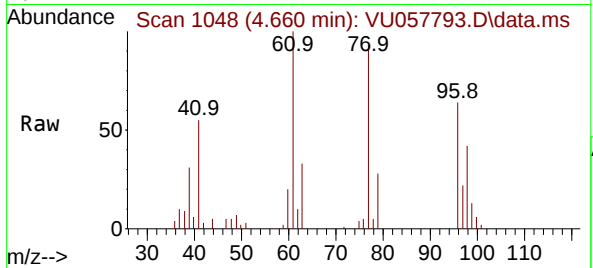
#21
2,2-Dichloropropane
Concen: 0.959 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

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

Tgt Ion: 77 Resp: 18529
Ion Ratio Lower Upper
77 100
97 21.4 18.4 27.6

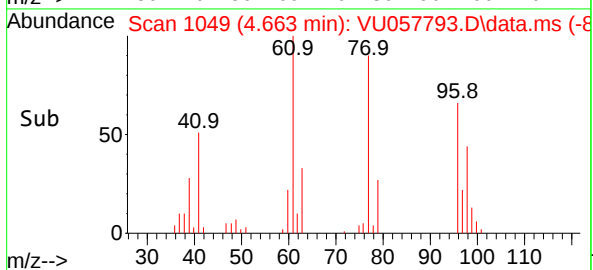
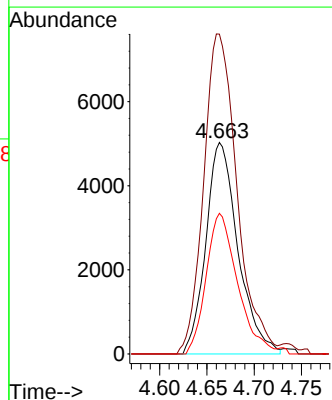
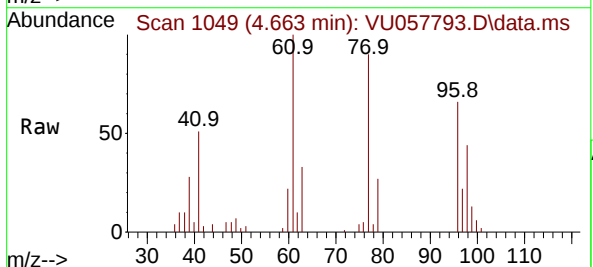
Manual Integrations
APPROVED

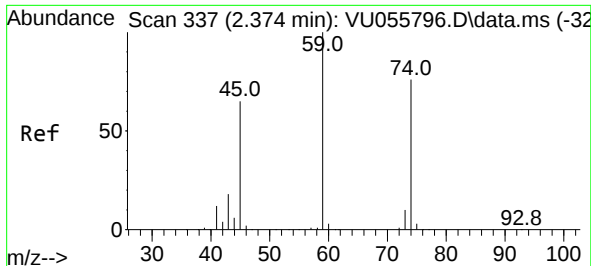
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#22
cis-1,2-Dichloroethene
Concen: 0.942 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

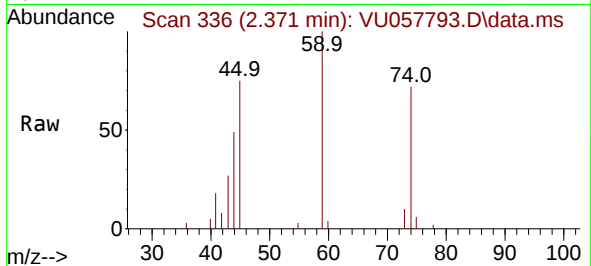
Tgt Ion: 96 Resp: 11892
Ion Ratio Lower Upper
96 100
61 157.0 0.0 365.8
98 64.9 32.0 96.0





#23
Diethyl Ether
Concen: 0.971 ug/l
RT: 2.371 min Scan# 337
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

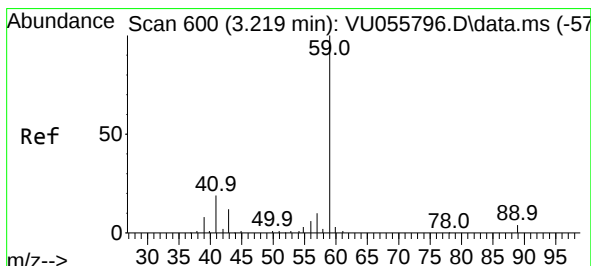
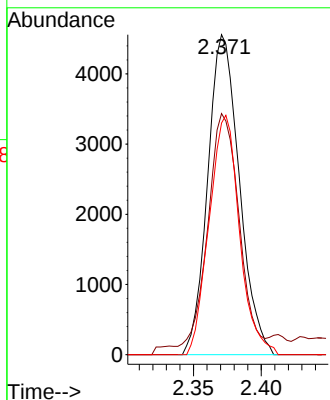
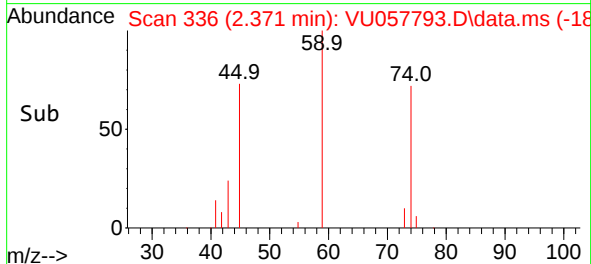
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 59 Resp: 7398
Ion Ratio Lower Upper
59 100
45 77.8 56.1 84.1
74 71.7 57.4 86.2

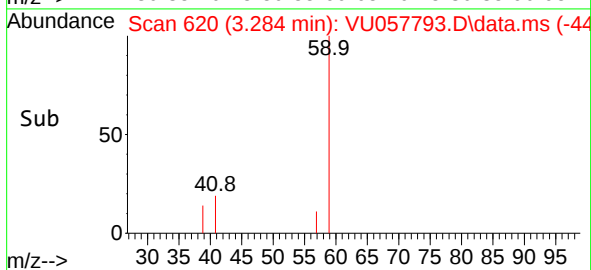
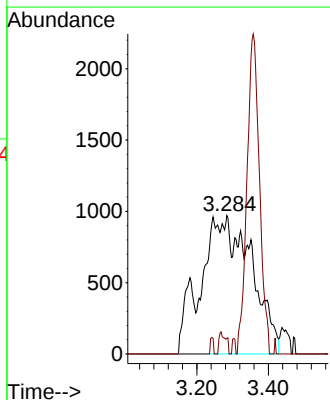
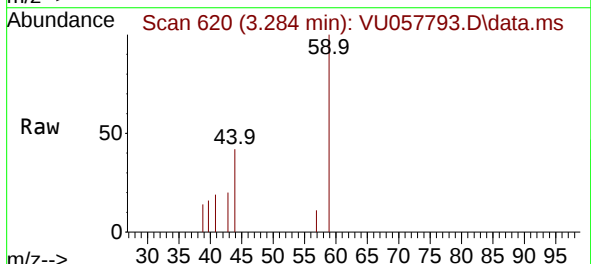
Manual Integrations
APPROVED

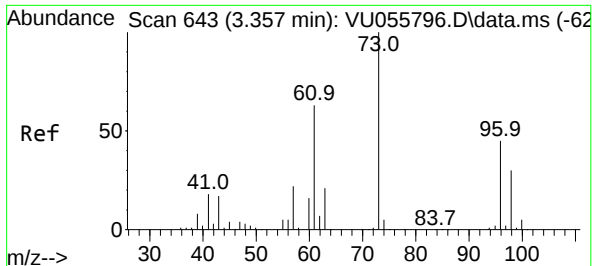
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#24
tert-Butyl Alcohol
Concen: 11.054 ug/l m
RT: 3.284 min Scan# 620
Delta R.T. 0.065 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

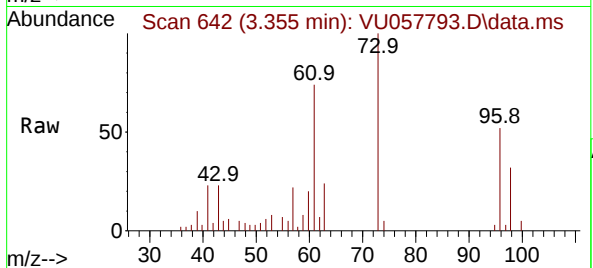
Tgt Ion: 59 Resp: 9572
Ion Ratio Lower Upper
59 100
57 2.2 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 0.980 ug/l
RT: 3.355 min Scan# 643
Delta R.T. -0.002 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

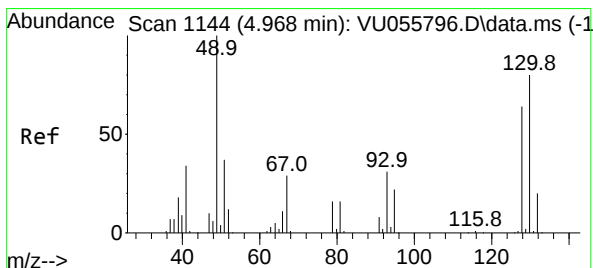
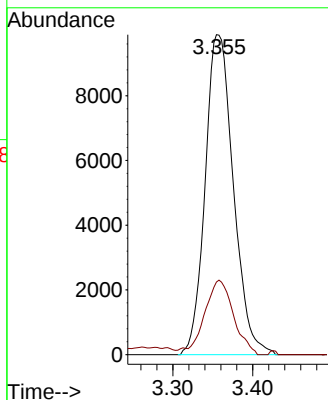
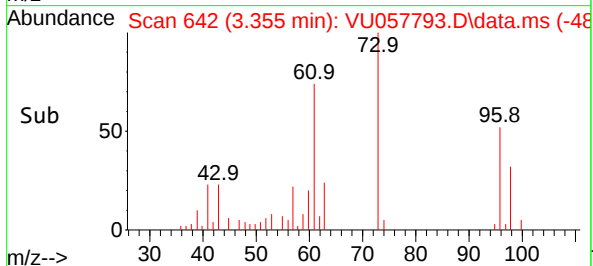
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 73 Resp: 2426
Ion Ratio Lower Upper
73 100
43 24.1 15.0 22.6

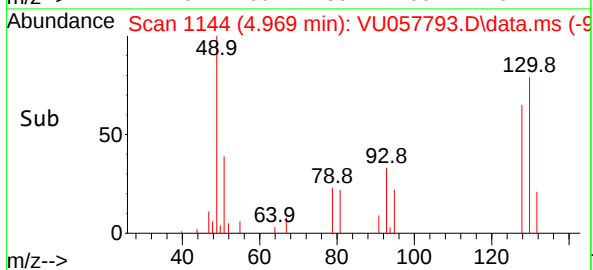
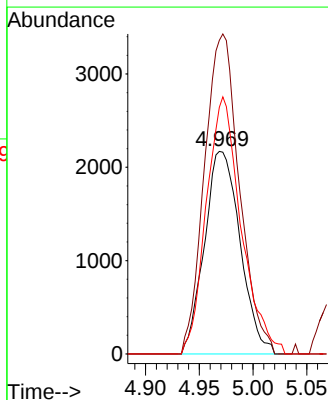
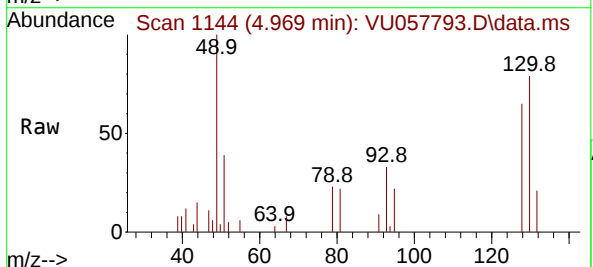
Manual Integrations
APPROVED

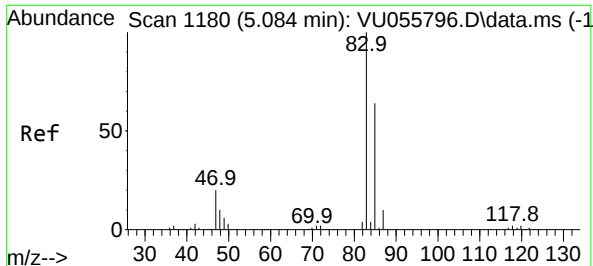
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#26
Bromochloromethane
Concen: 0.989 ug/l
RT: 4.969 min Scan# 1144
Delta R.T. 0.001 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion:128 Resp: 5015
Ion Ratio Lower Upper
128 100
49 154.9 0.0 324.6
130 123.7 103.0 154.4





#27

Chloroform

Concen: 0.982 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 83 Resp: 2221

Ion Ratio Lower Upper

83 100

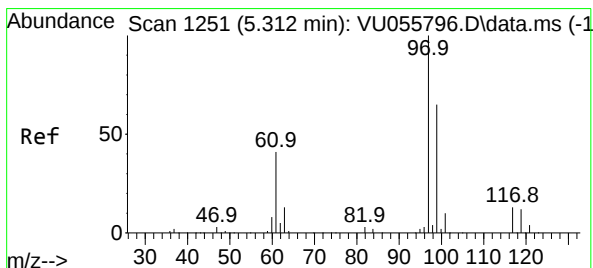
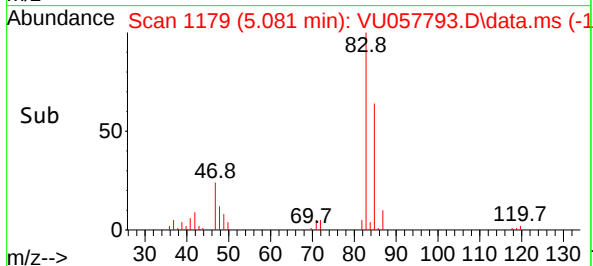
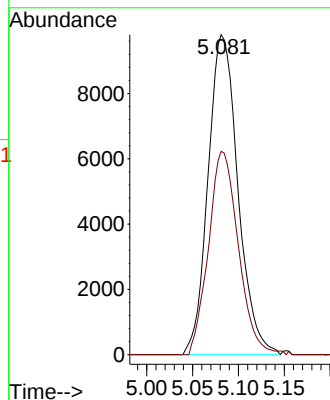
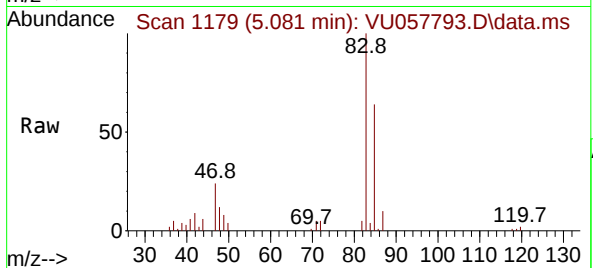
85 64.9 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 0.940 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

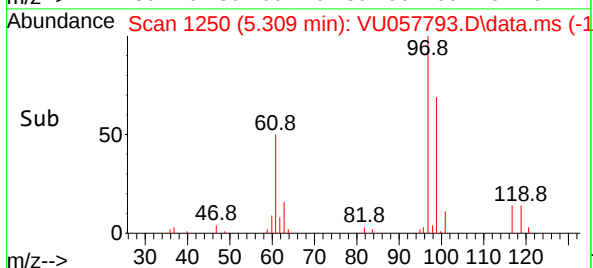
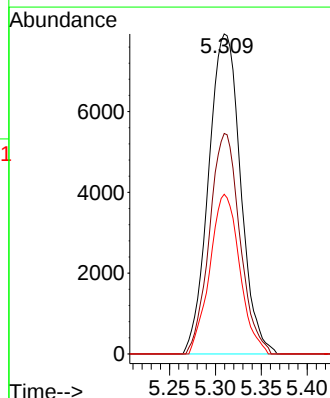
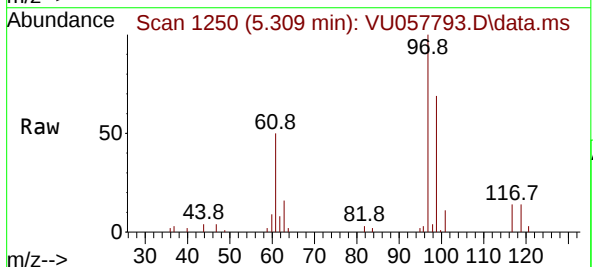
Tgt Ion: 97 Resp: 19200

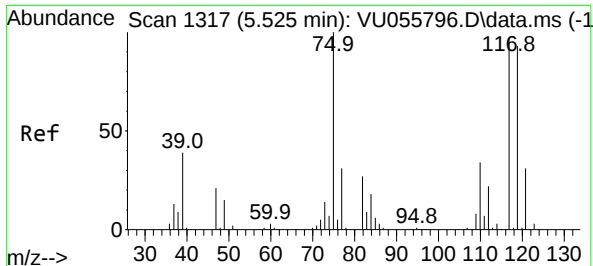
Ion Ratio Lower Upper

97 100

99 65.6 32.0 96.2

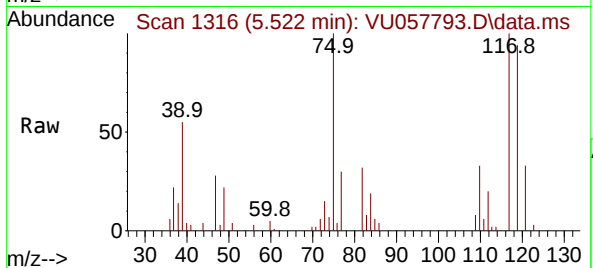
61 46.6 22.9 68.5





#29
1,1-Dichloropropene
Concen: 0.968 ug/l
RT: 5.522 min Scan# 1316
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

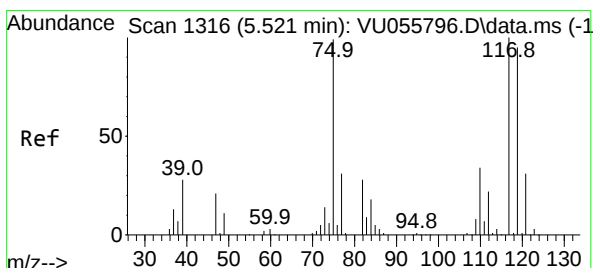
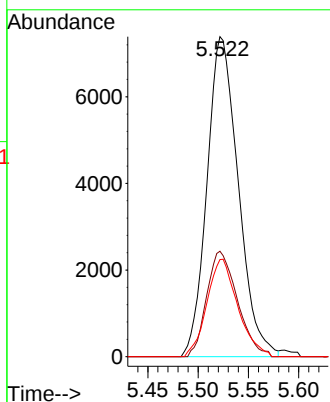
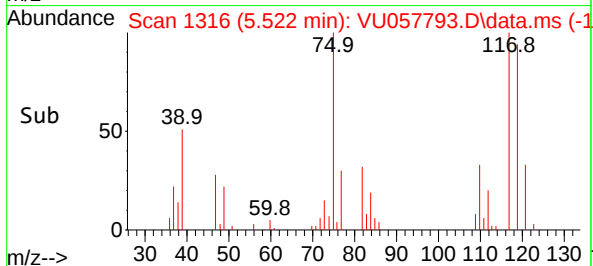
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2024



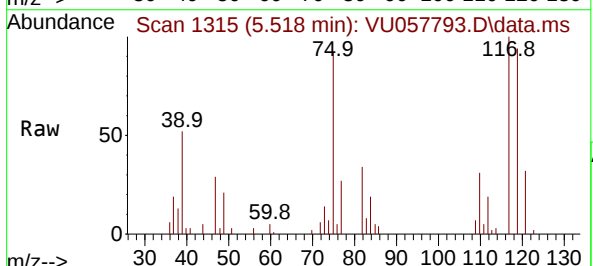
Tgt Ion: 75 Resp: 15989
Ion Ratio Lower Upper
75 100
110 32.3 18.0 54.0
77 30.0 24.7 37.1

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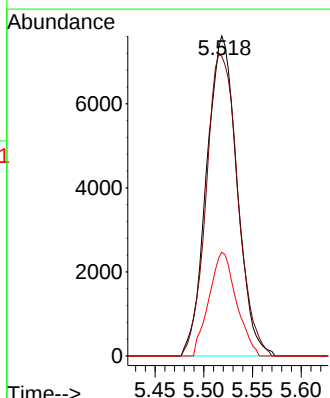
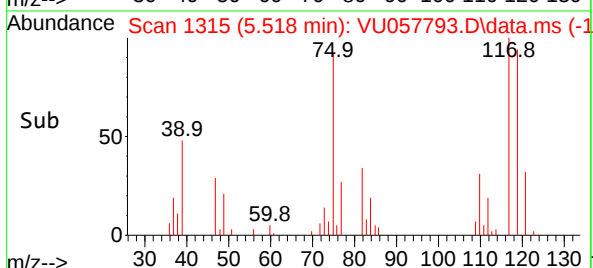
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#30
Carbon Tetrachloride
Concen: 0.940 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16



Tgt Ion:117 Resp: 16544
Ion Ratio Lower Upper
117 100
119 93.7 77.4 116.0
121 32.4 24.0 36.0





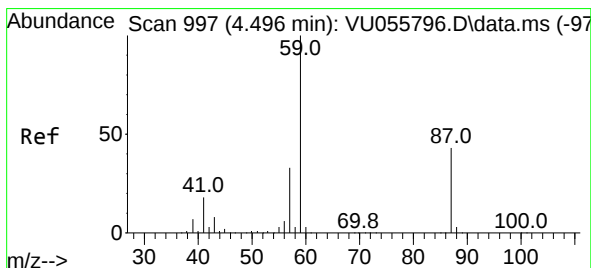
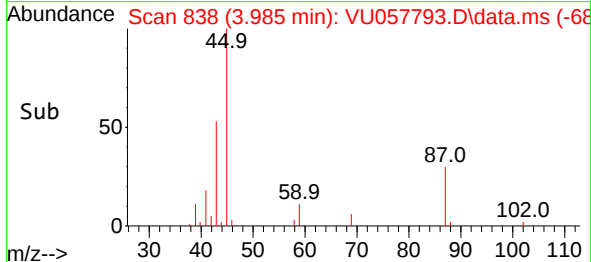
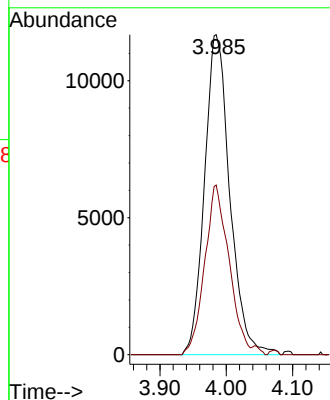
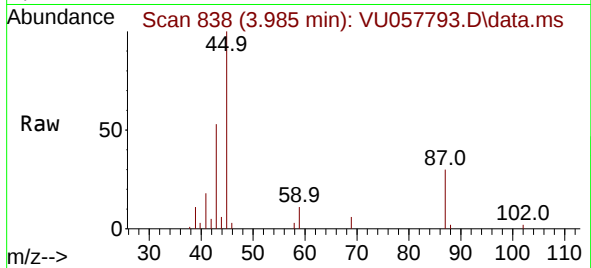
#31
Isopropyl Ether
Concen: 0.975 ug/l
RT: 3.985 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

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

Tgt Ion: 45 Resp: 3103
Ion Ratio Lower Upper
45 100
43 50.8 27.5 82.5

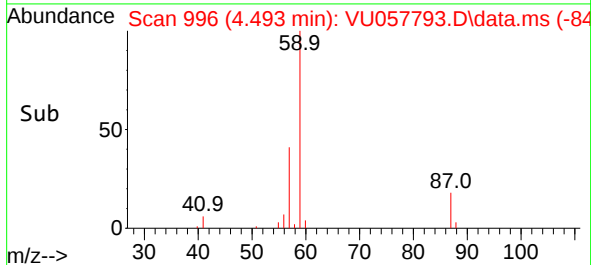
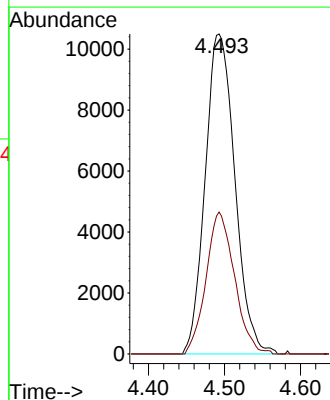
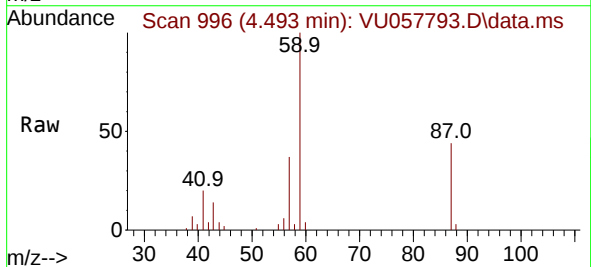
Manual Integrations
APPROVED

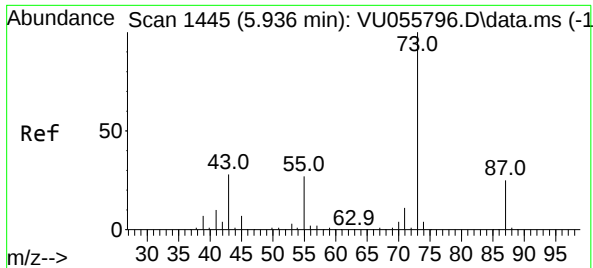
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#32
Ethyl-t-butyl ether
Concen: 0.964 ug/l
RT: 4.493 min Scan# 996
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

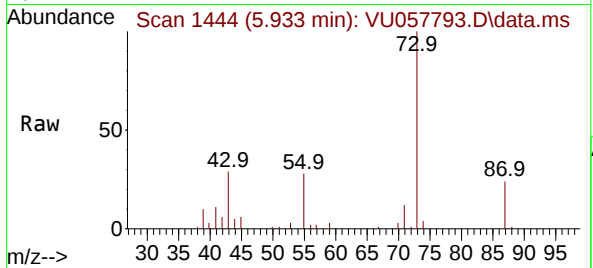
Tgt Ion: 59 Resp: 28505
Ion Ratio Lower Upper
59 100
87 42.4 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.944 ug/l
RT: 5.933 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

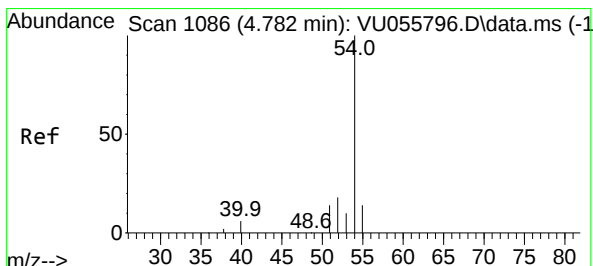
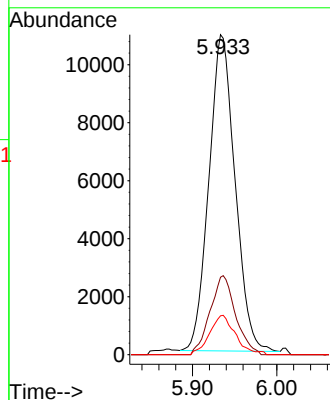
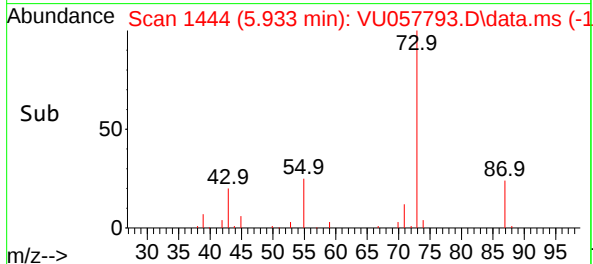
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 73 Resp: 2349
Ion Ratio Lower Upper
73 100
87 24.3 18.6 28.0
71 12.3 9.9 14.9

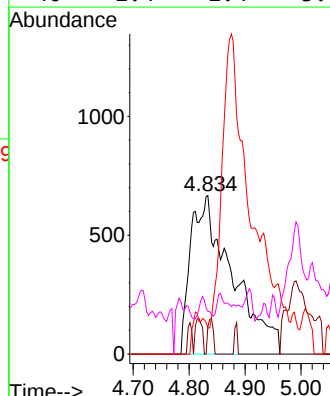
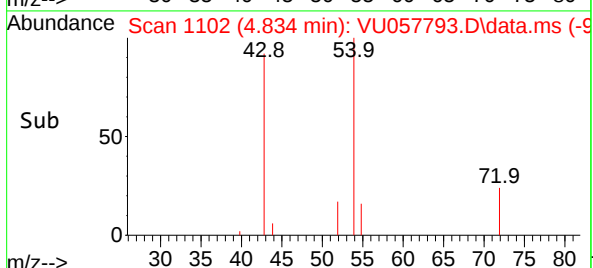
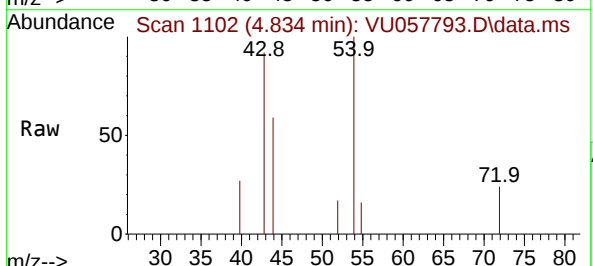
Manual Integrations
APPROVED

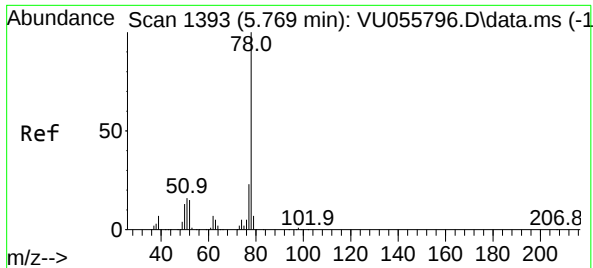
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#34
Propionitrile
Concen: 4.711 ug/l m
RT: 4.834 min Scan# 1102
Delta R.T. 0.052 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion: 54 Resp: 3431
Ion Ratio Lower Upper
54 100
52 3.7 17.4 26.0#
55 4.8 104.1 156.1#
40 2.4 2.4 3.6





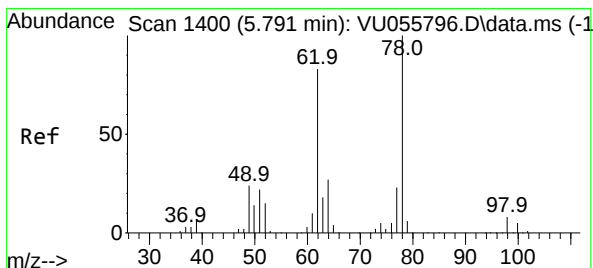
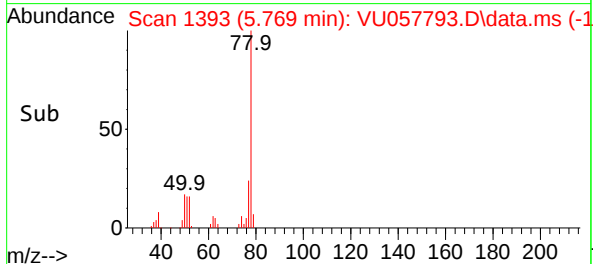
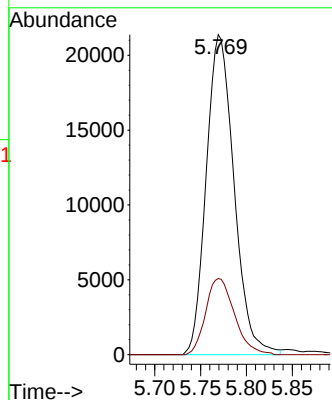
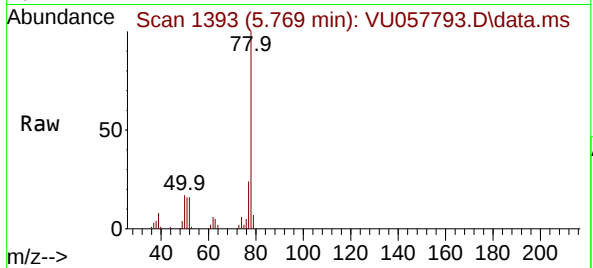
#35
Benzene
Concen: 0.949 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

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

Tgt Ion: 78 Resp: 4512
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

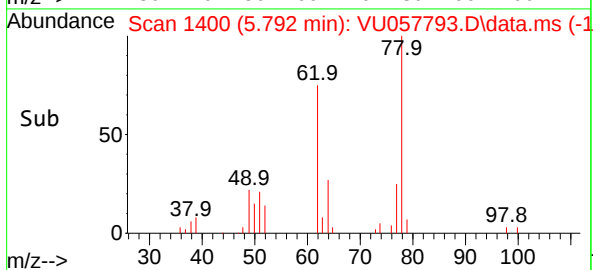
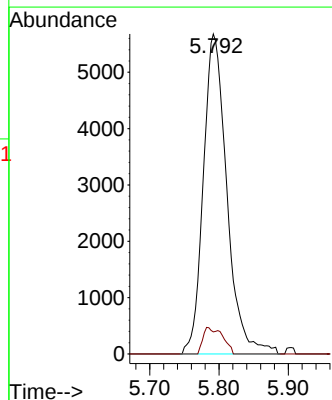
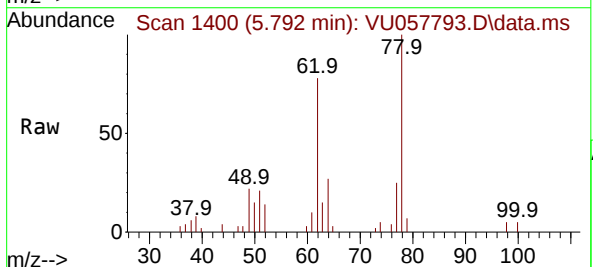
Manual Integrations
APPROVED

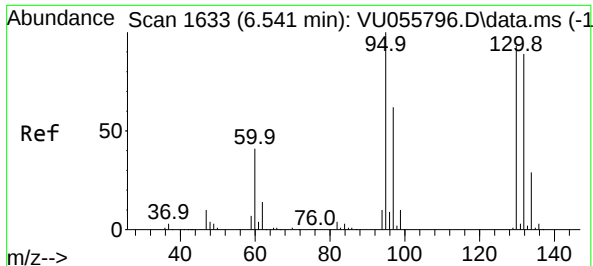
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#36
1,2-Dichloroethane
Concen: 0.969 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.001 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion: 62 Resp: 13430
Ion Ratio Lower Upper
62 100
98 3.6 7.3 10.9#





#37

Trichloroethene

Concen: 0.973 ug/l

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:130 Resp: 1228

Ion Ratio Lower Upper

130 100

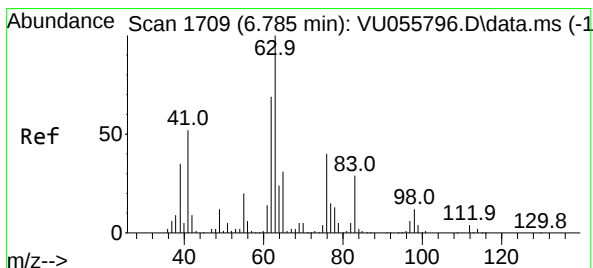
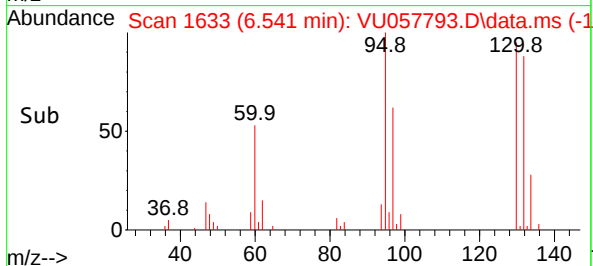
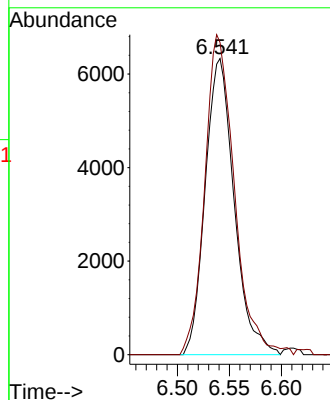
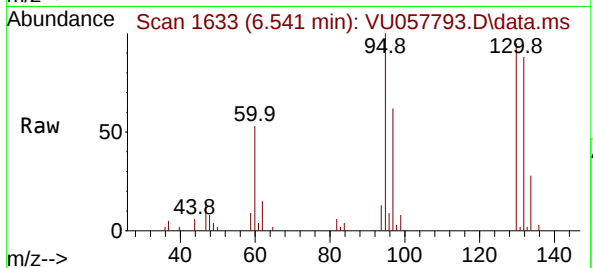
95 105.4 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#38

1,2-Dichloropropane

Concen: 0.928 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU057793.D

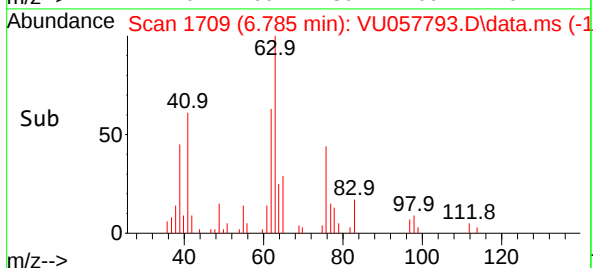
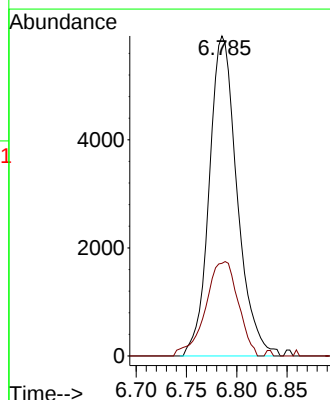
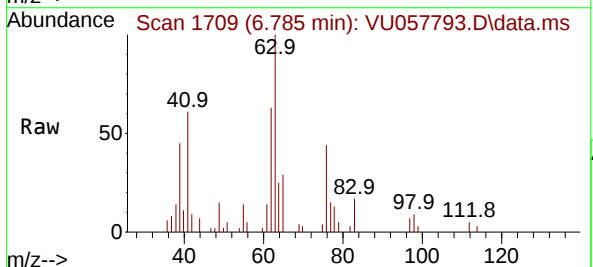
Acq: 02 Feb 2024 14:16

Tgt Ion: 63 Resp: 11445

Ion Ratio Lower Upper

63 100

65 28.9 24.9 37.3





#39

Methacrylonitrile

Concen: 1.000 ug/l

RT: 4.991 min Scan# 1151

Delta R.T. 0.023 min

Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 41 Resp: 2904

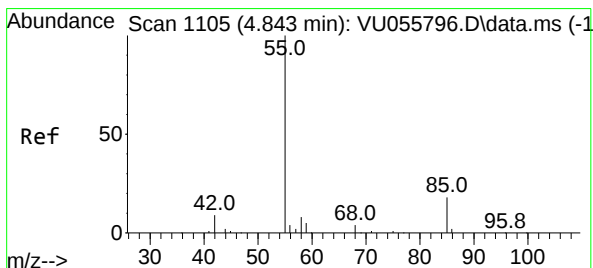
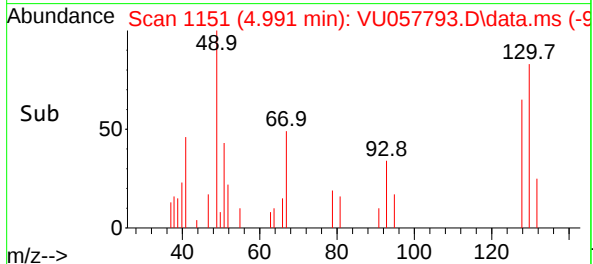
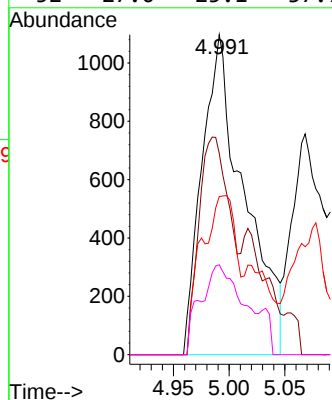
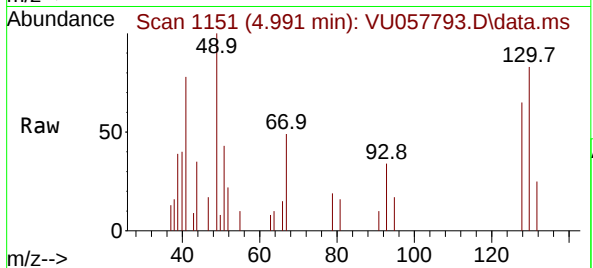
Ion	Ratio	Lower	Upper
41	100		
67	49.4	66.8	100.2
39	42.6	41.2	61.8
52	27.0	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 0.793 ug/l

RT: 4.875 min Scan# 1115

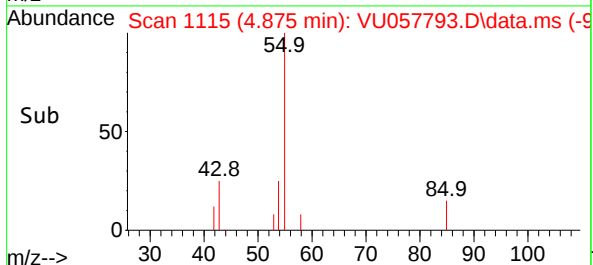
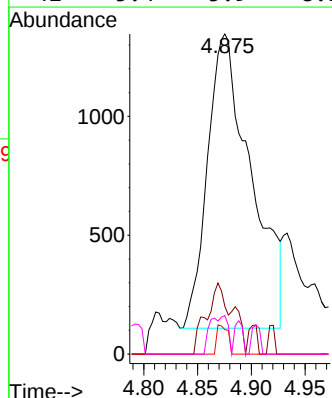
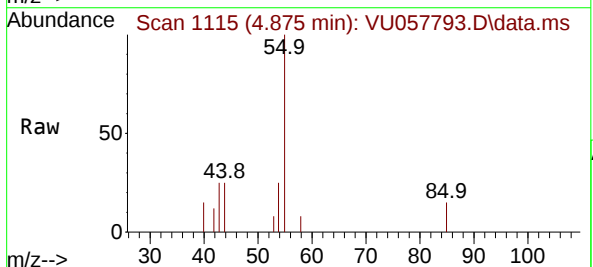
Delta R.T. 0.032 min

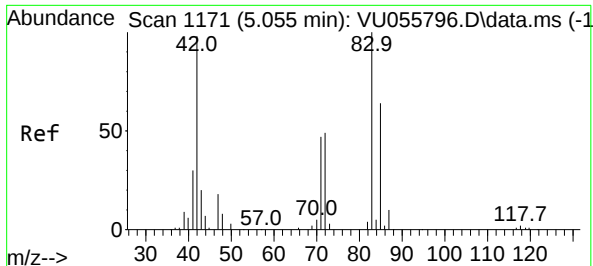
Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

Tgt Ion: 55 Resp: 3465

Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9#
58	2.5	6.5	9.7#
42	5.4	5.9	8.9#





#41

Tetrahydrofuran

Concen: 2.000 ug/l

RT: 5.075 min Scan# 1171

Delta R.T. 0.020 min

Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

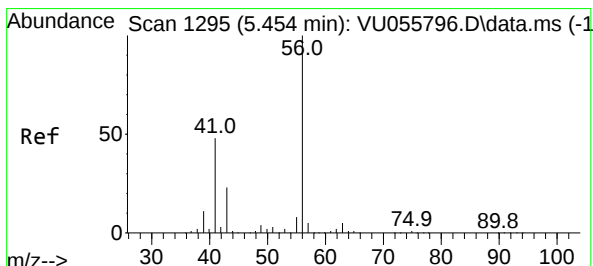
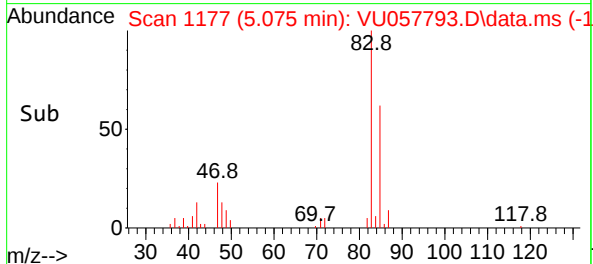
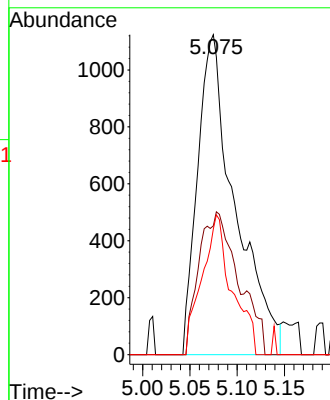
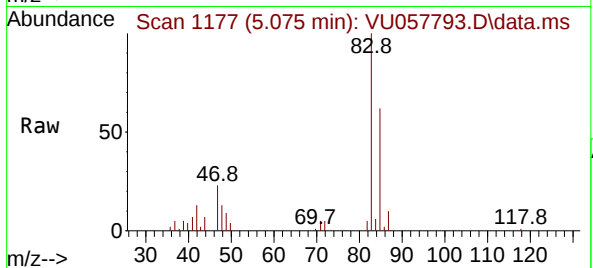
Tgt Ion:	42	Resp:	309
Ion Ratio	Lower	Upper	
42	100		
72	47.4	40.9	61.3
71	34.9	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#42

1-Chlorobutane

Concen: 0.986 ug/l

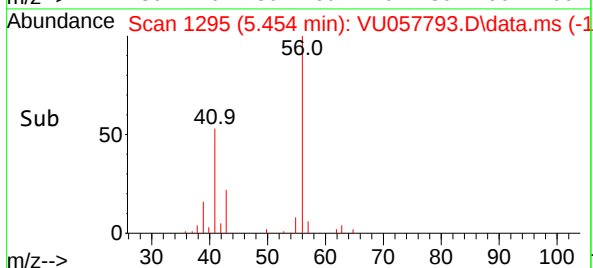
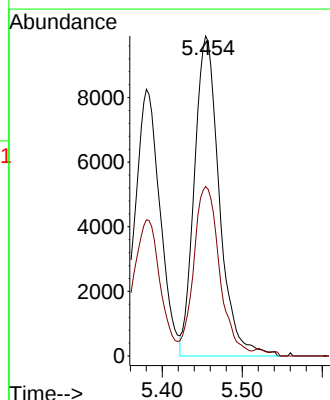
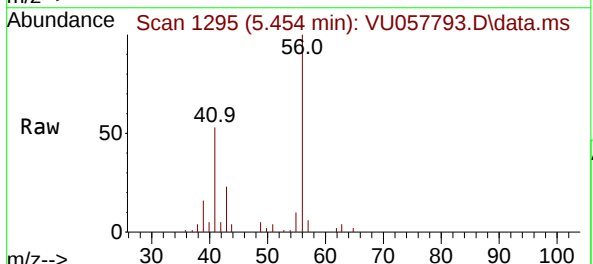
RT: 5.454 min Scan# 1295

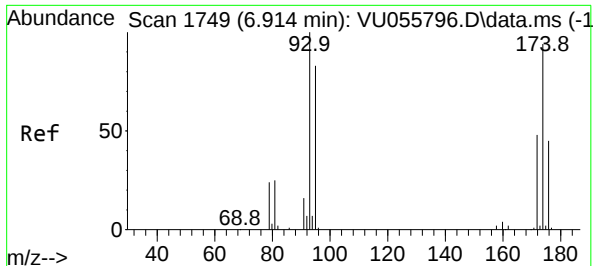
Delta R.T. 0.000 min

Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

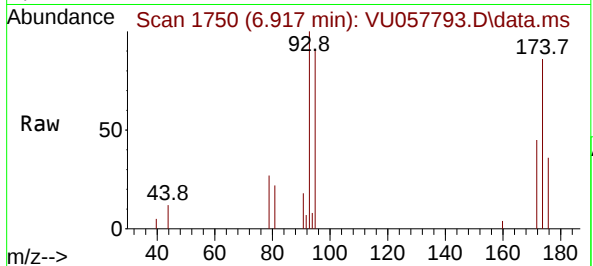
Tgt Ion:	56	Resp:	21478
Ion Ratio	Lower	Upper	
56	100		
41	52.5	25.2	75.6





#43
Dibromomethane
Concen: 1.003 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

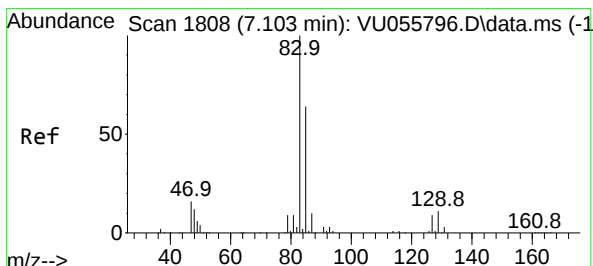
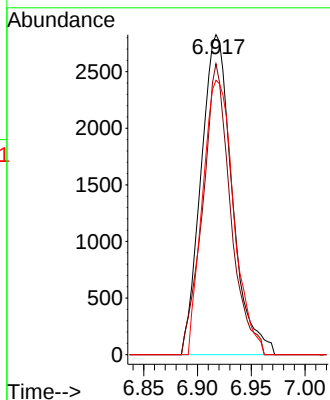
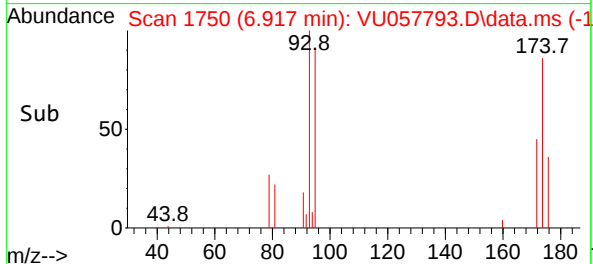
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



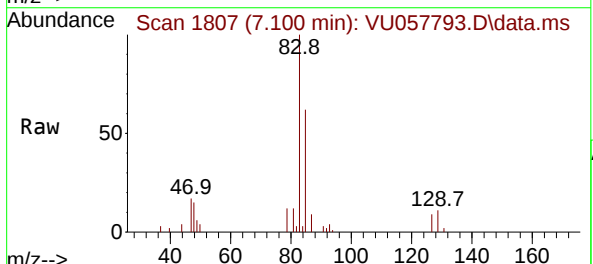
Tgt Ion: 93 Resp: 5689
Ion Ratio Lower Upper
93 100
95 80.9 67.0 100.6
174 85.4 73.8 110.6

Manual Integrations
APPROVED

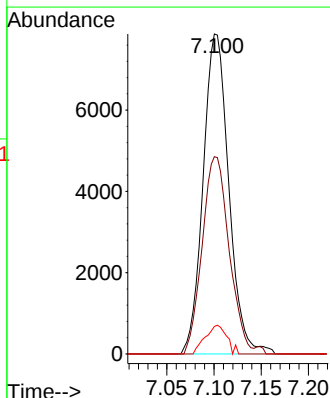
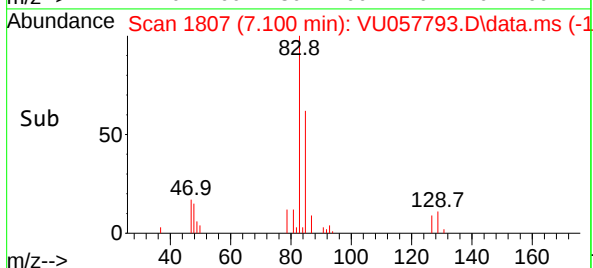
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

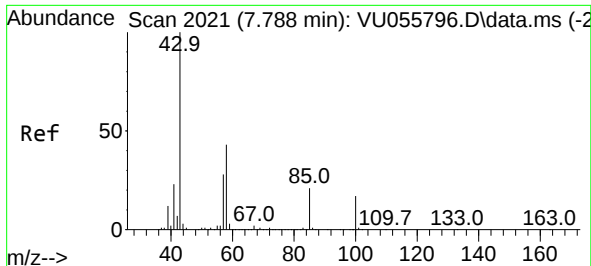


#44
Bromodichloromethane
Concen: 0.937 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16



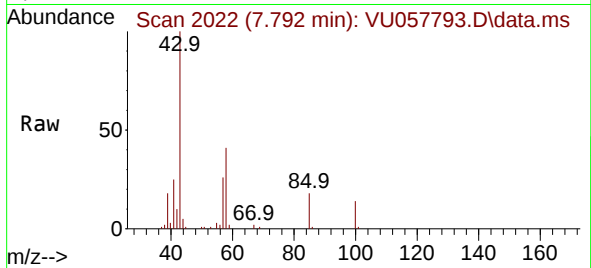
Tgt Ion: 83 Resp: 14878
Ion Ratio Lower Upper
83 100
85 61.7 51.9 77.9
127 8.6 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 4.540 ug/l
RT: 7.792 min Scan# 2021
Delta R.T. 0.004 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

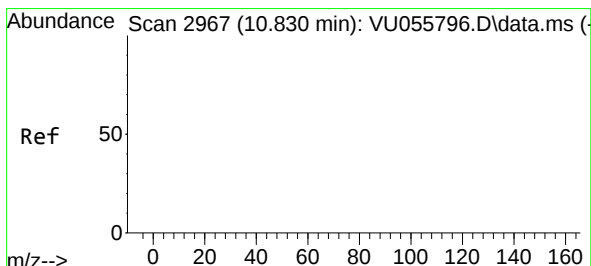
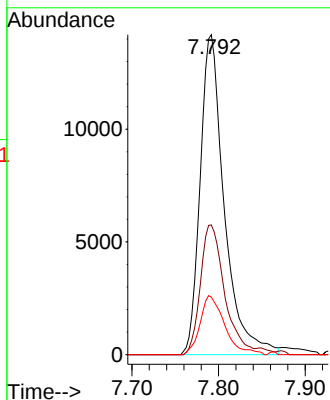
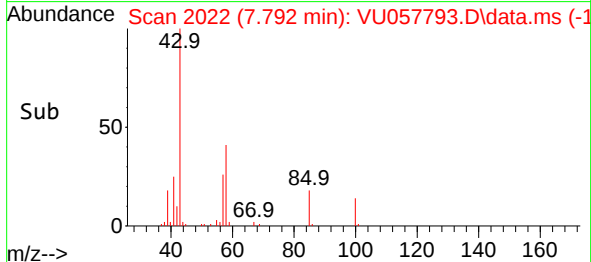
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 27449
Ion Ratio Lower Upper
43 100
58 40.6 20.9 62.8
85 18.8 14.6 21.8

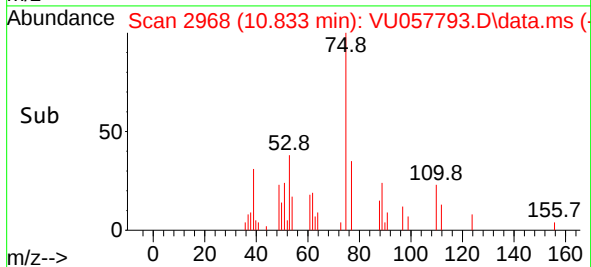
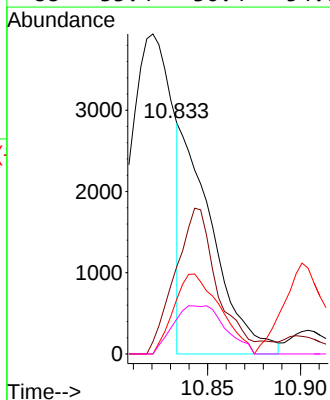
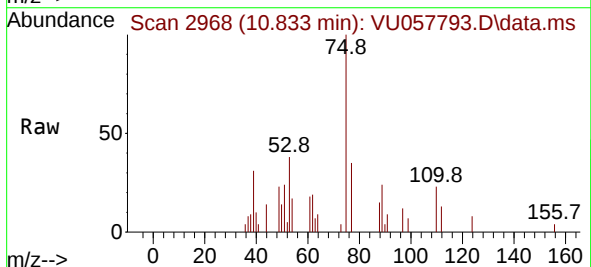
Manual Integrations
APPROVED

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



#46
t-1,4-Dichloro-2-butene
Concen: 2.509 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

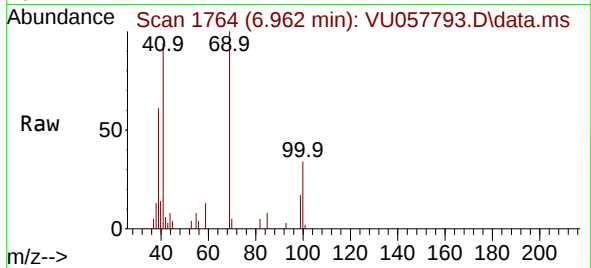
Tgt Ion: 75 Resp: 3446
Ion Ratio Lower Upper
75 100
53 85.3 73.3 109.9
89 49.4 48.2 72.4
88 33.4 36.4 54.6#





#47
Methyl methacrylate
Concen: 1.904 ug/l
RT: 6.962 min Scan# 1763
Delta R.T. 0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

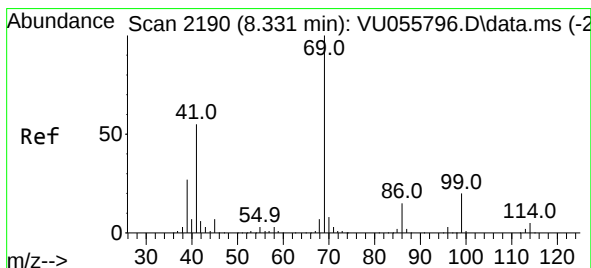
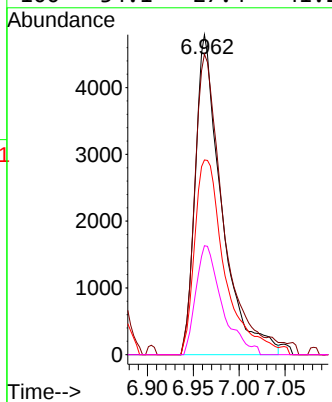
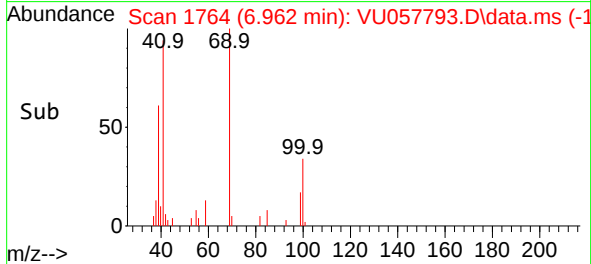
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 69 Resp: 9539
Ion Ratio Lower Upper
69 100
41 103.7 0.0 209.2
39 69.7 46.7 70.1
100 34.1 27.4 41.2

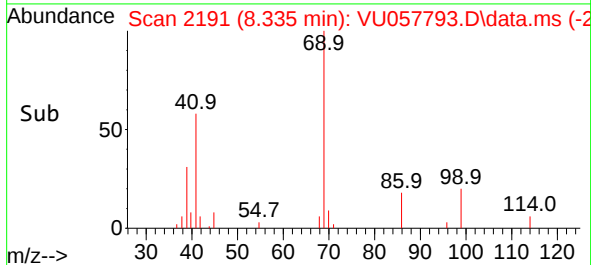
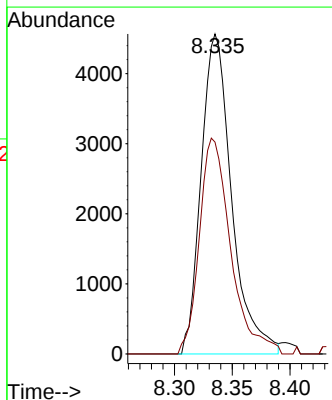
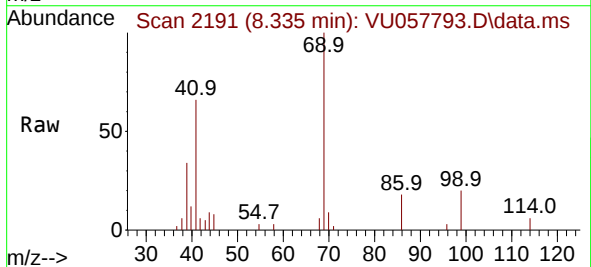
Manual Integrations
APPROVED

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



#48
Ethyl methacrylate
Concen: 0.836 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.004 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion: 69 Resp: 8398
Ion Ratio Lower Upper
69 100
41 69.1 30.3 90.8





#49

Toluene

Concen: 0.940 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057793.D

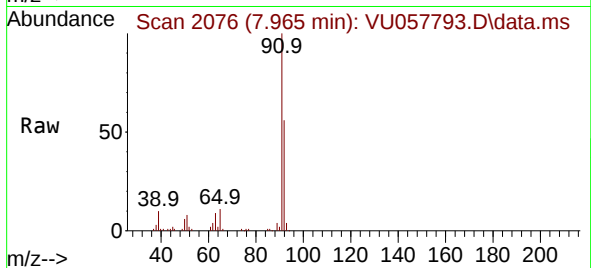
Acq: 02 Feb 2024 14:16

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 92 Resp: 27320

Ion Ratio Lower Upper

92 100

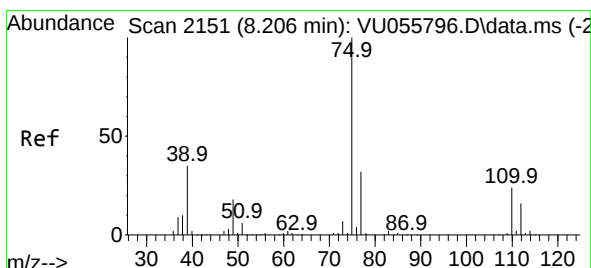
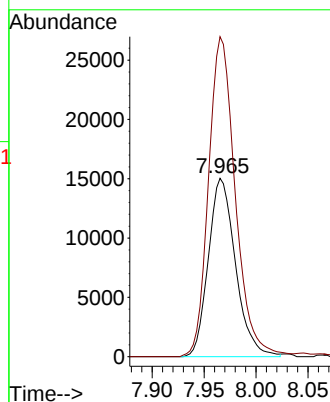
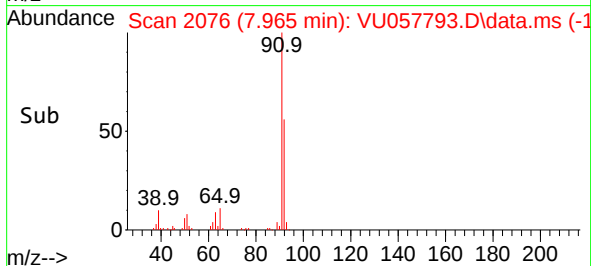
91 176.8 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#50

t-1,3-Dichloropropene

Concen: 0.916 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.004 min

Lab File: VU057793.D

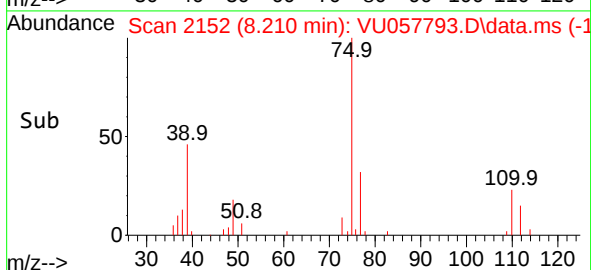
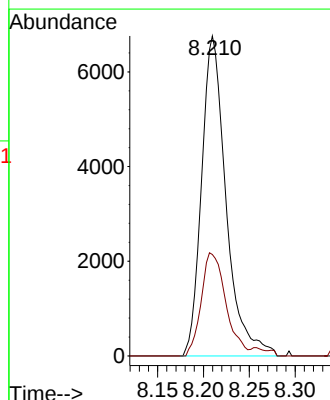
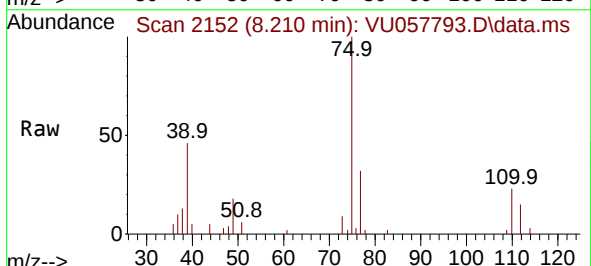
Acq: 02 Feb 2024 14:16

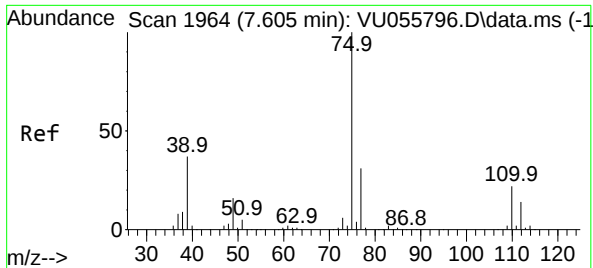
Tgt Ion: 75 Resp: 12559

Ion Ratio Lower Upper

75 100

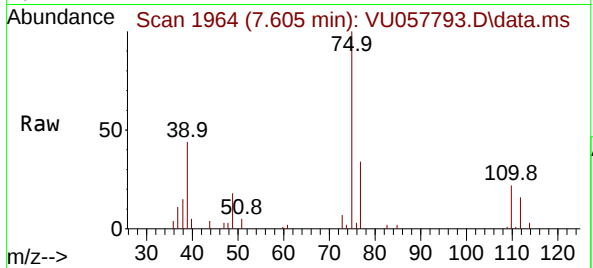
77 31.7 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.885 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU057793.D
 Acq: 02 Feb 2024 14:16

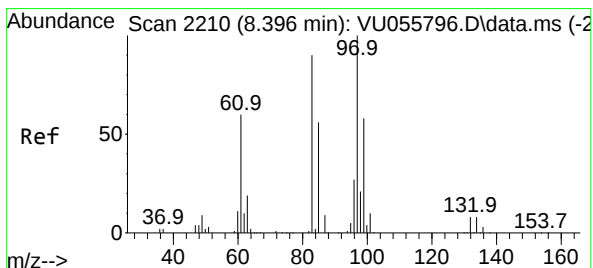
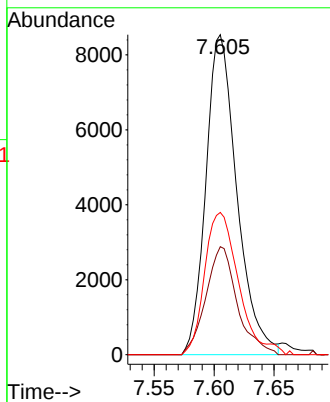
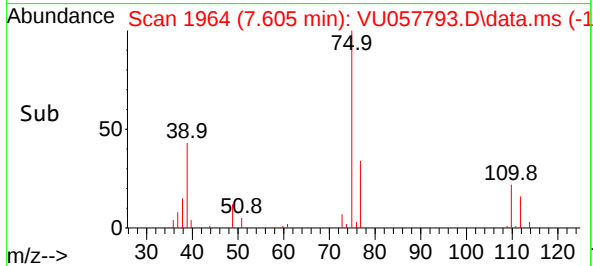
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 1536
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.7 38.5
 39 44.4 32.8 49.2

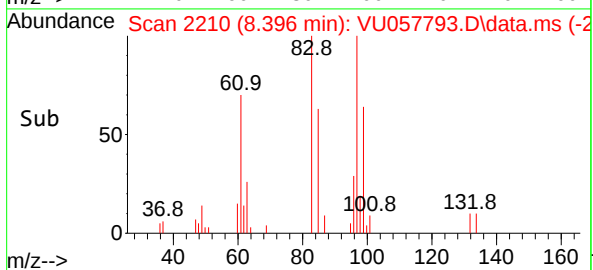
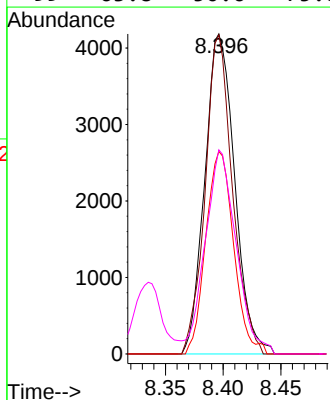
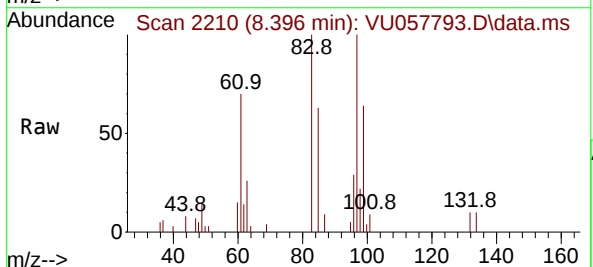
Manual Integrations
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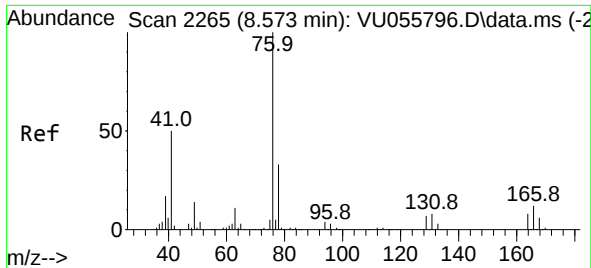
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.964 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU057793.D
 Acq: 02 Feb 2024 14:16

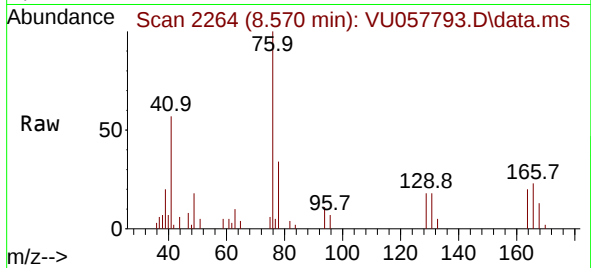
Tgt Ion: 97 Resp: 7537
 Ion Ratio Lower Upper
 97 100
 83 99.7 71.8 107.8
 85 63.3 45.2 67.8
 99 63.8 50.6 75.8





#53
1,3-Dichloropropane
Concen: 0.948 ug/l
RT: 8.570 min Scan# 2131
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

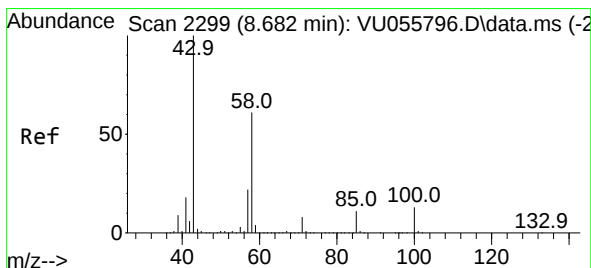
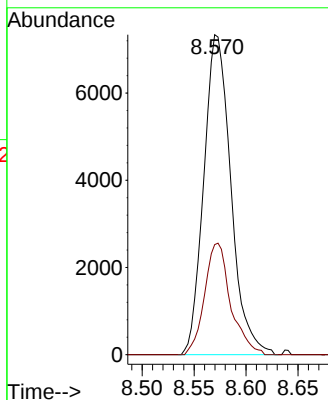
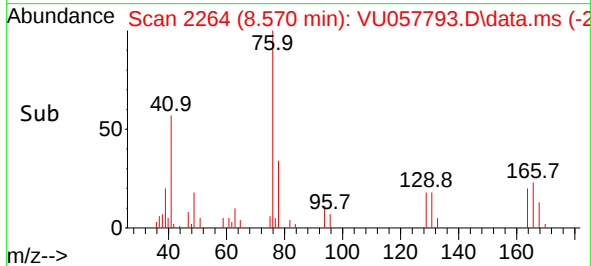
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



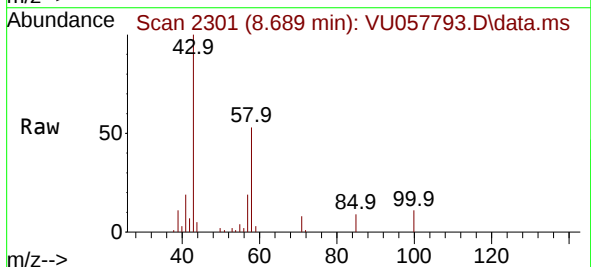
Tgt Ion: 76 Resp: 13319
Ion Ratio Lower Upper
76 100
78 33.5 25.9 38.9

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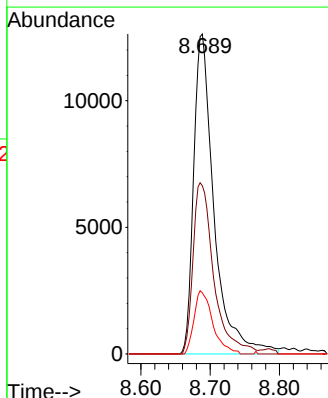
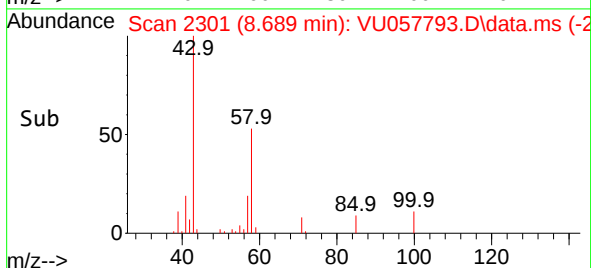
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#54
2-Hexanone
Concen: 4.650 ug/l
RT: 8.689 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16



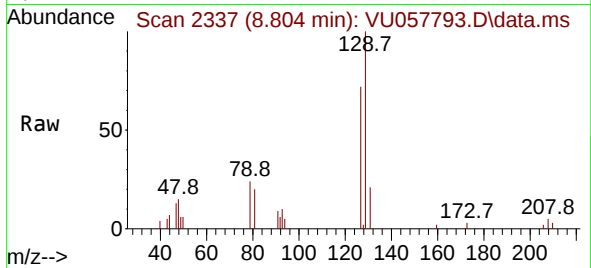
Tgt Ion: 43 Resp: 25879
Ion Ratio Lower Upper
43 100
58 54.5 38.2 78.2
57 18.1 0.0 39.1





#55
Dibromochloromethane
Concen: 0.900 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

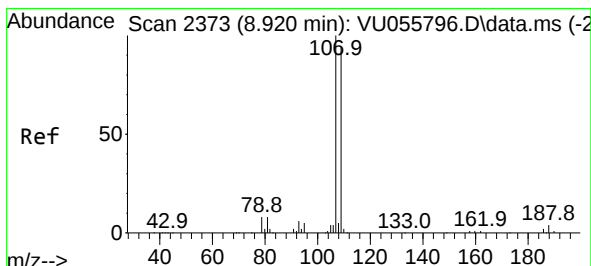
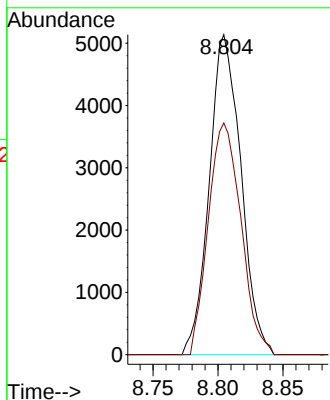
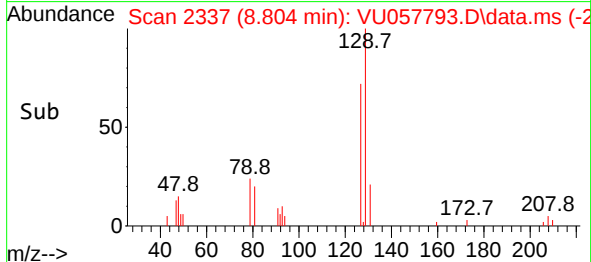
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:129 Resp: 8710
Ion Ratio Lower Upper
129 100
127 74.7 61.4 92.0

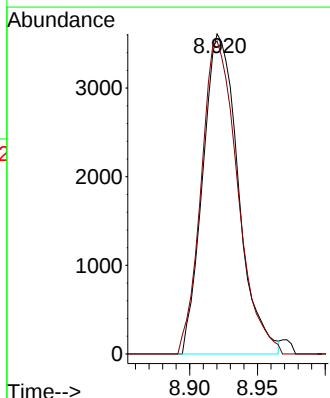
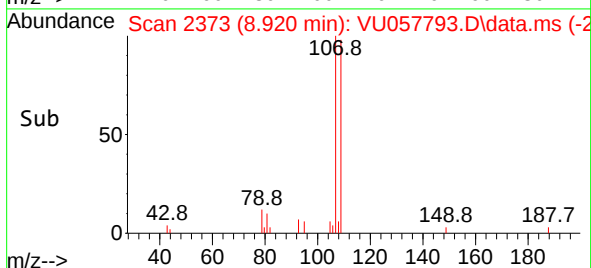
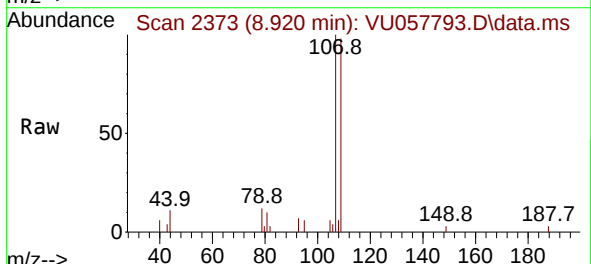
Manual Integrations
APPROVED

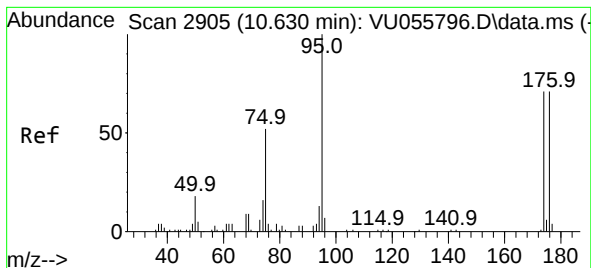
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#56
1,2-Dibromoethane
Concen: 0.915 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

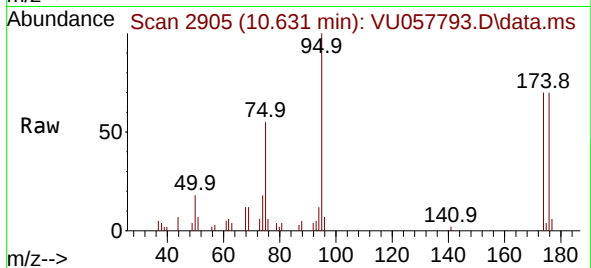
Tgt Ion:107 Resp: 6582
Ion Ratio Lower Upper
107 100
109 99.9 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.920 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

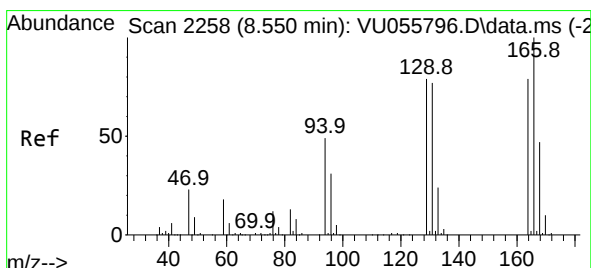
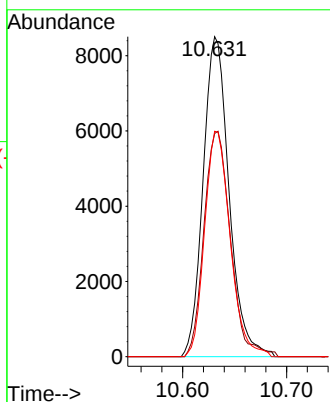
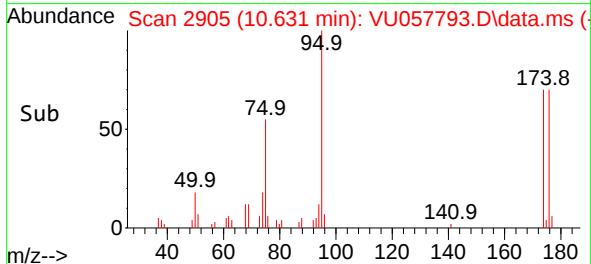
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 95 Resp: 14798
Ion Ratio Lower Upper
95 100
174 71.7 63.3 94.9
176 69.2 59.3 88.9

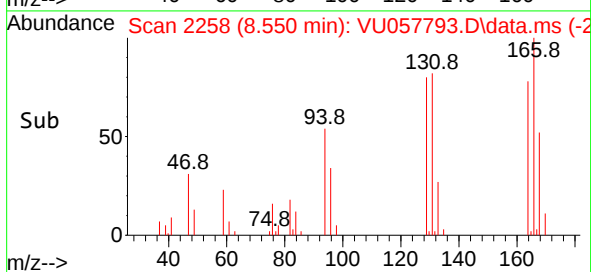
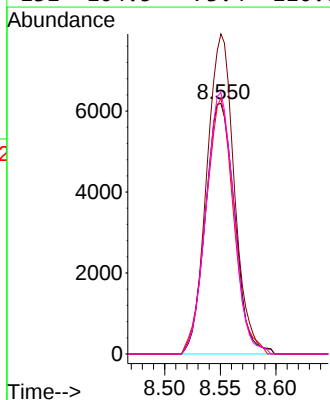
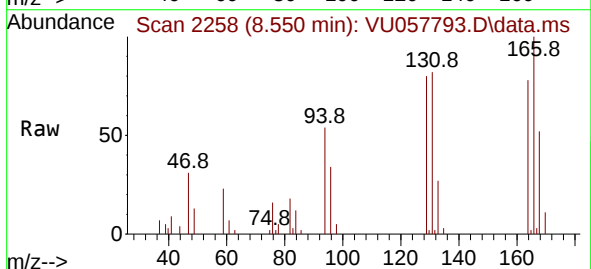
Manual Integrations
APPROVED

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



#58
Tetrachloroethene
Concen: 1.012 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion:164 Resp: 11278
Ion Ratio Lower Upper
164 100
166 127.8 99.6 149.4
129 102.2 78.6 117.8
131 104.5 73.4 110.0





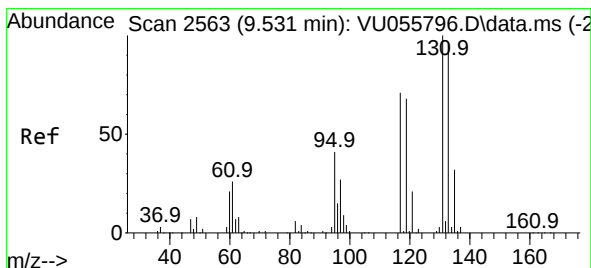
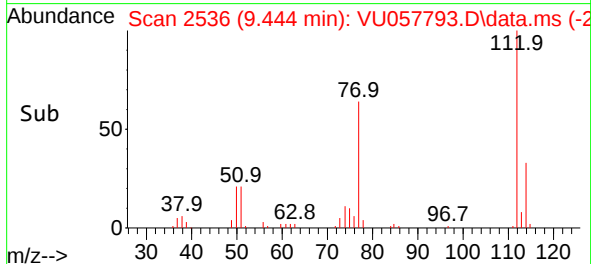
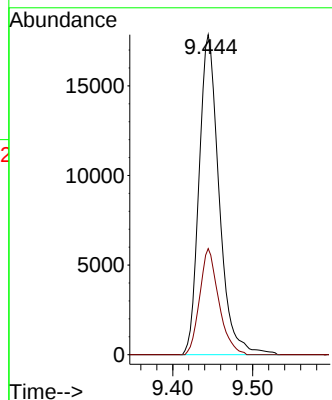
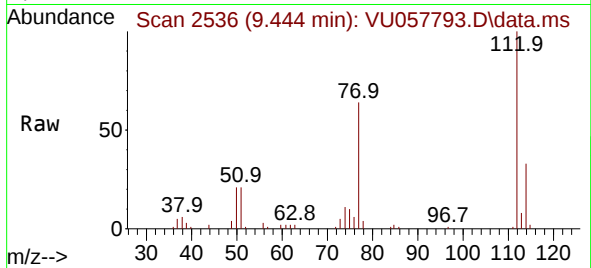
#59
Chlorobenzene
Concen: 0.969 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

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

Tgt Ion:112 Resp: 3114
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4

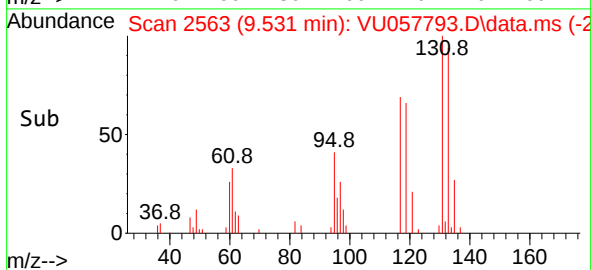
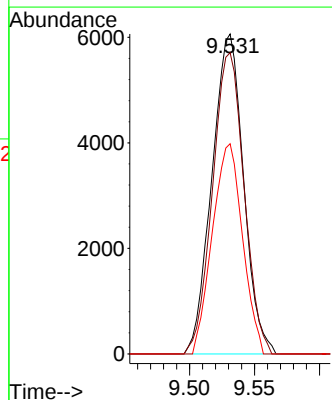
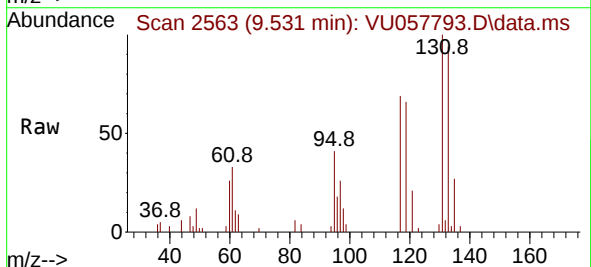
Manual Integrations
APPROVED

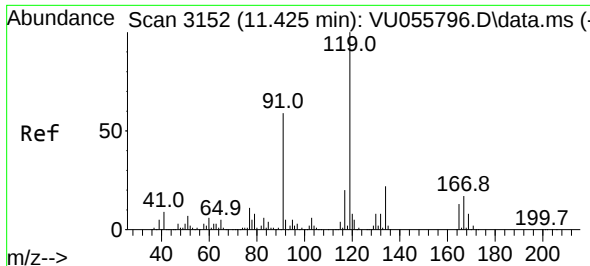
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.940 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion:131 Resp: 10255
Ion Ratio Lower Upper
131 100
133 93.7 77.8 116.6
119 62.6 55.2 82.8





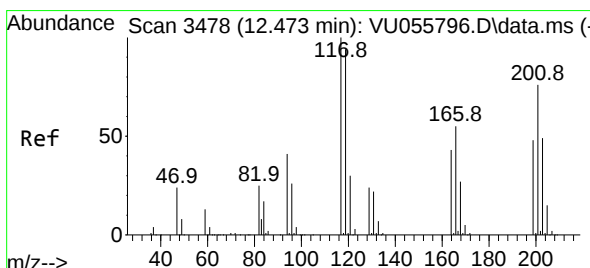
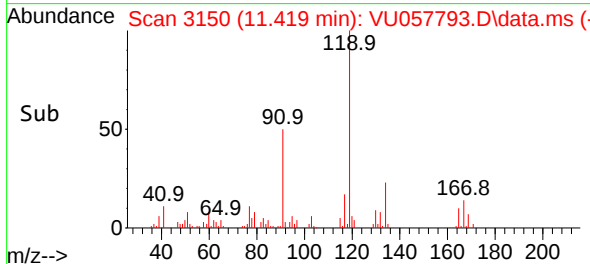
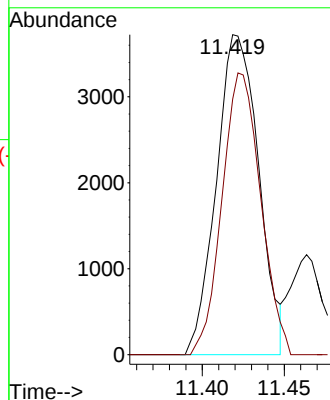
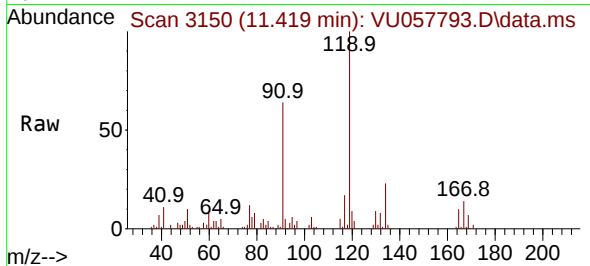
#61
Pentachloroethane
Concen: 0.840 ug/l
RT: 11.419 min Scan# 3150
Delta R.T. -0.006 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

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

Tgt Ion:117 Resp: 6659
Ion Ratio Lower Upper
117 100
167 80.3 56.7 85.1

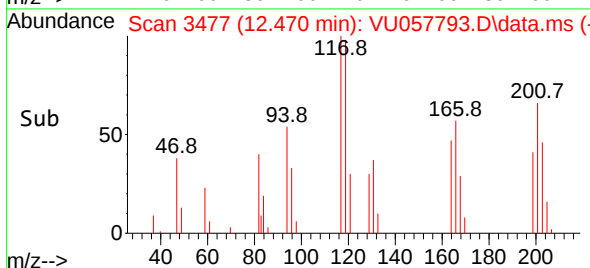
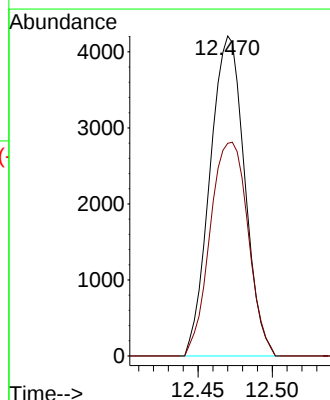
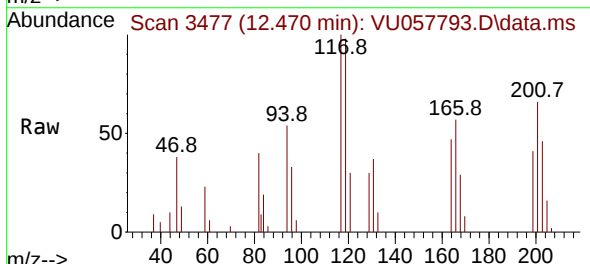
Manual Integrations
APPROVED

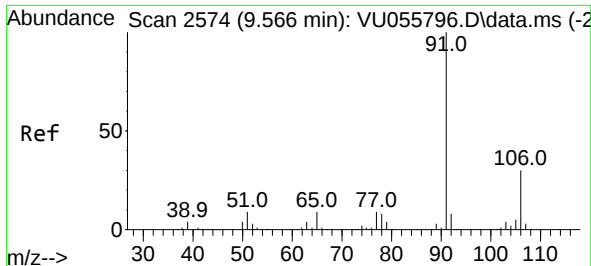
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#62
Hexachloroethane
Concen: 0.789 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion:117 Resp: 6822
Ion Ratio Lower Upper
117 100
201 73.1 59.6 89.4





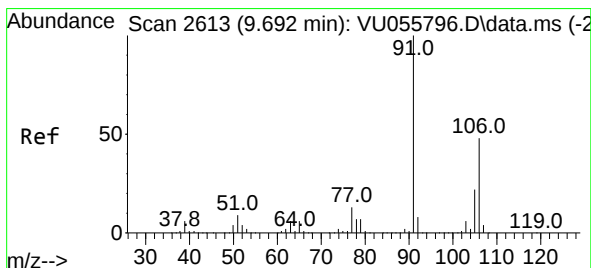
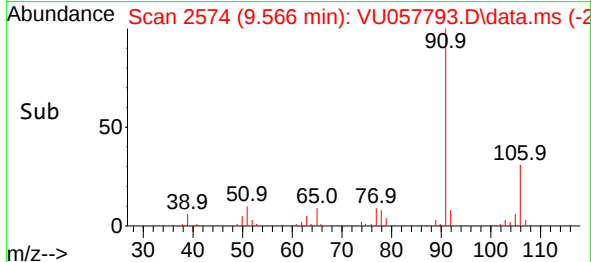
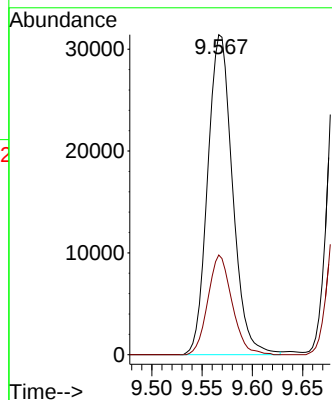
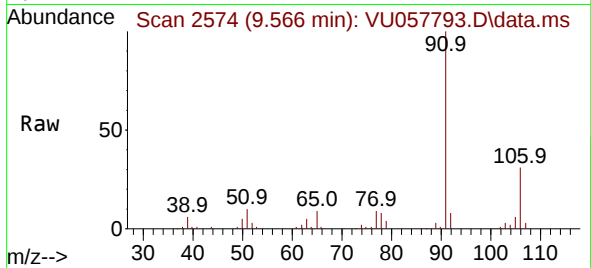
#63
Ethyl Benzene
Concen: 0.946 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

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

Tgt Ion: 91 Resp: 5408
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.2

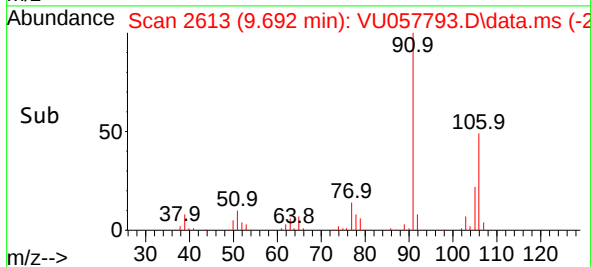
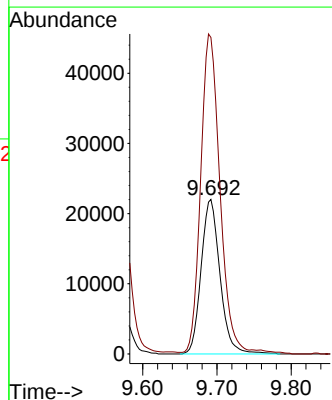
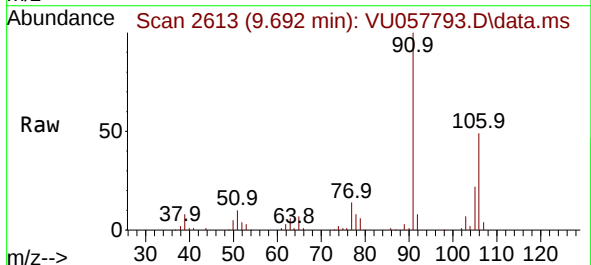
Manual Integrations
APPROVED

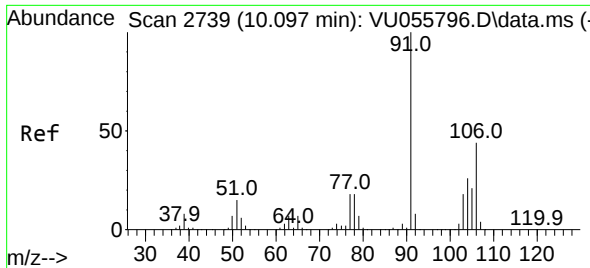
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#64
m/p-Xylenes
Concen: 1.874 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion:106 Resp: 38884
Ion Ratio Lower Upper
106 100
91 213.4 167.3 250.9





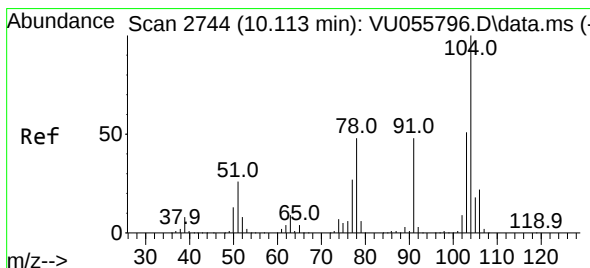
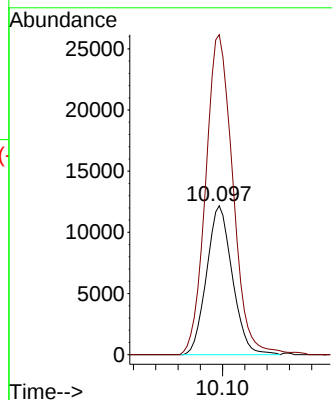
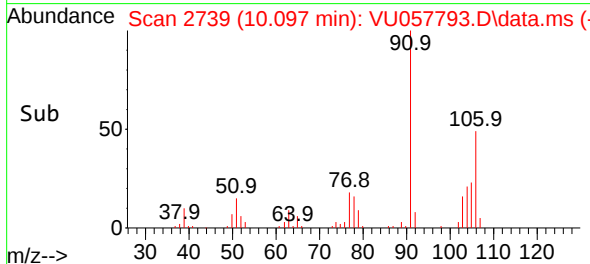
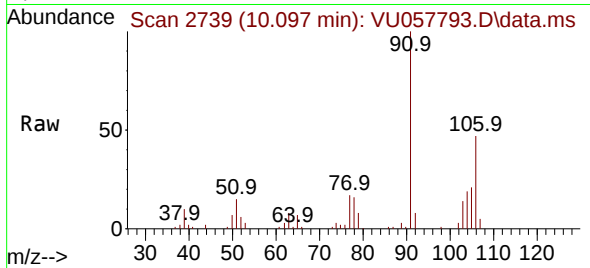
#65
o-Xylene
Concen: 0.950 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

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

Tgt Ion:106 Resp: 19509
Ion Ratio Lower Upper
106 100
91 227.6 109.3 327.9

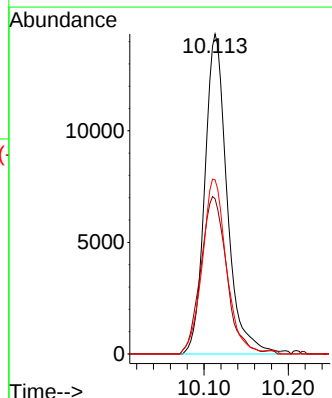
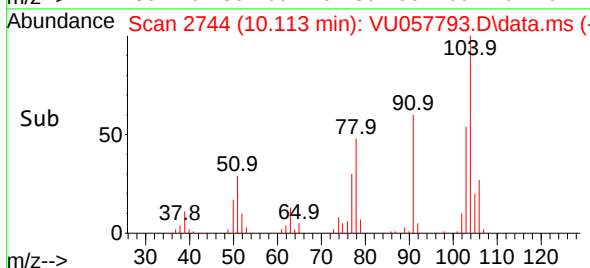
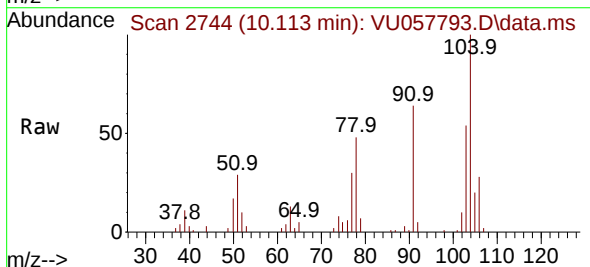
Manual Integrations
APPROVED

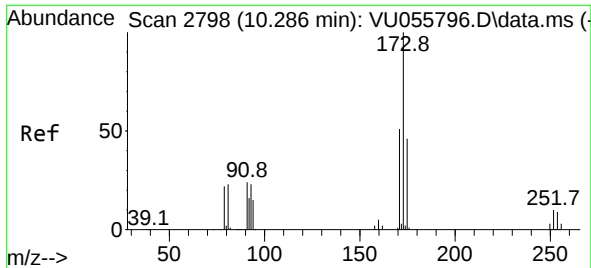
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 0.864 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

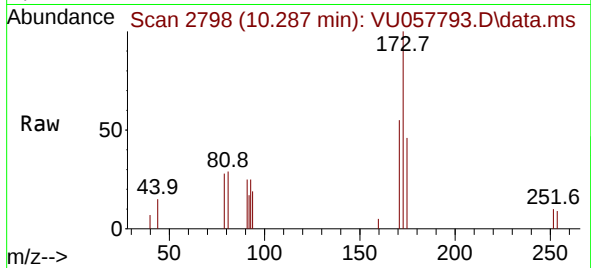
Tgt Ion:104 Resp: 26479
Ion Ratio Lower Upper
104 100
78 56.8 39.7 59.5
103 59.0 44.8 67.2





#67
Bromoform
Concen: 0.844 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

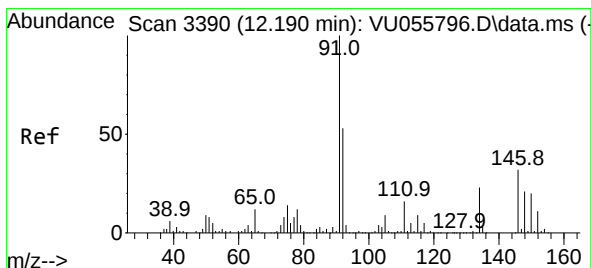
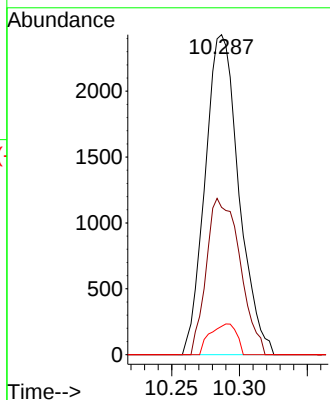
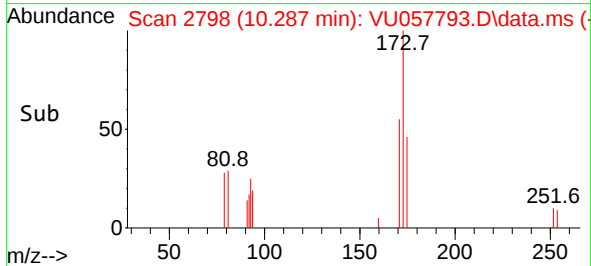
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



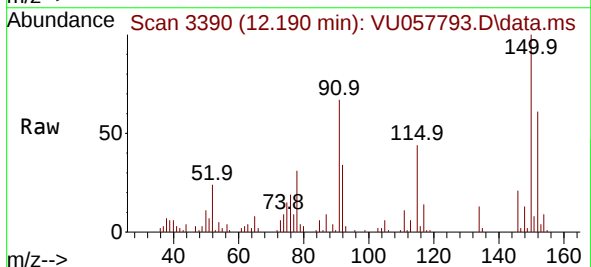
Tgt Ion:173 Resp: 420
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.6
254 7.5 7.4 11.0

Manual Integrations
APPROVED

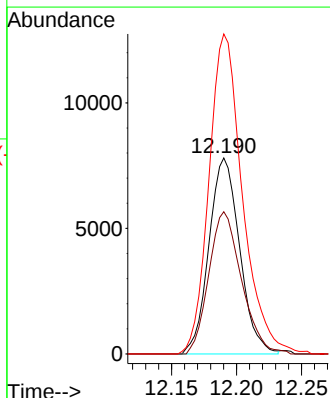
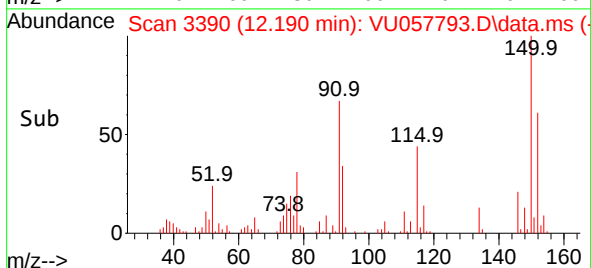
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

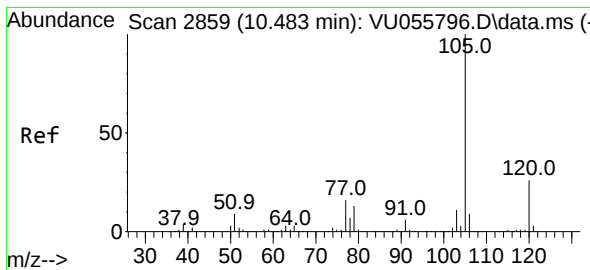


#68
1,2-Dichlorobenzene-d4
Concen: 0.885 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16



Tgt Ion:152 Resp: 12821
Ion Ratio Lower Upper
152 100
115 77.3 0.0 308.8
150 178.3 0.0 635.0





#69

Isopropylbenzene

Concen: 0.883 ug/l

RT: 10.480 min Scan# 2859

Delta R.T. -0.003 min

Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 4753

Ion Ratio Lower Upper

105 100

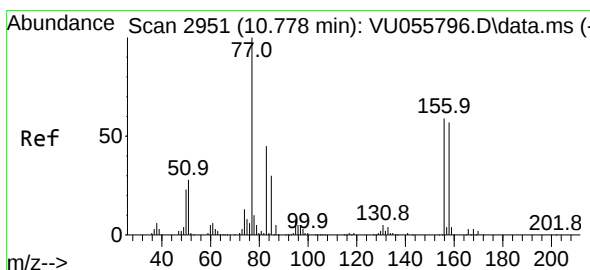
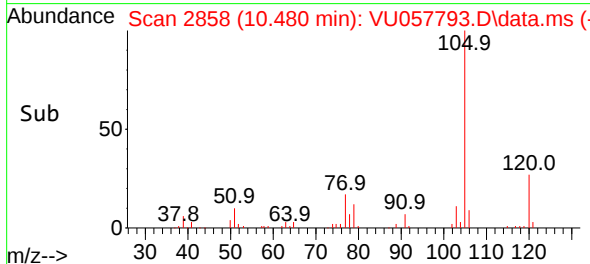
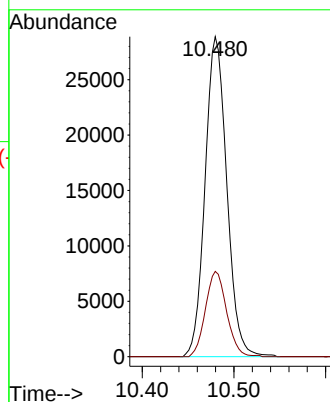
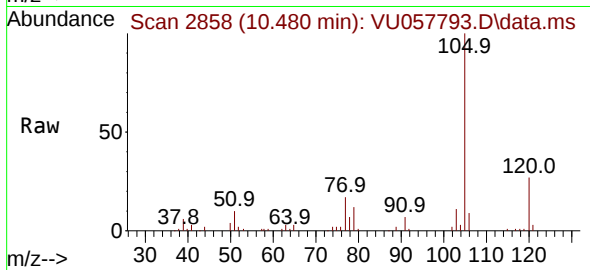
120 26.0 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 0.937 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.001 min

Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

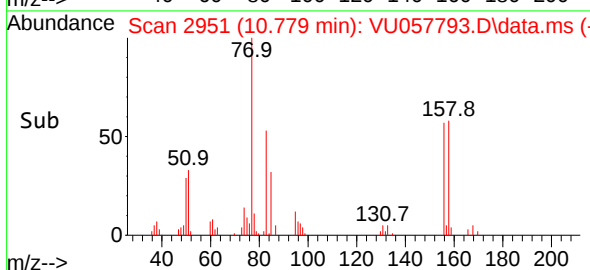
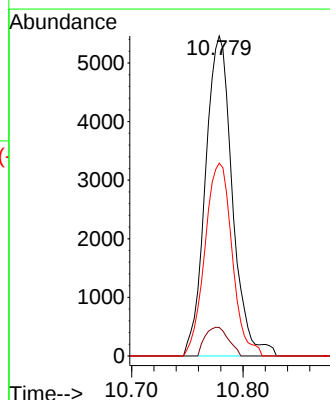
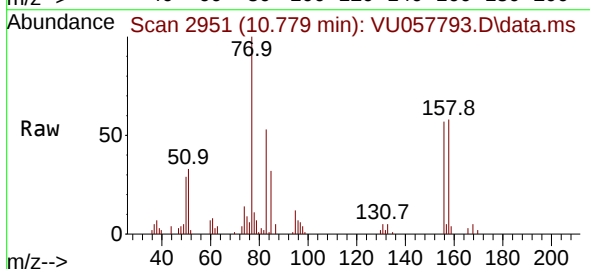
Tgt Ion: 83 Resp: 9177

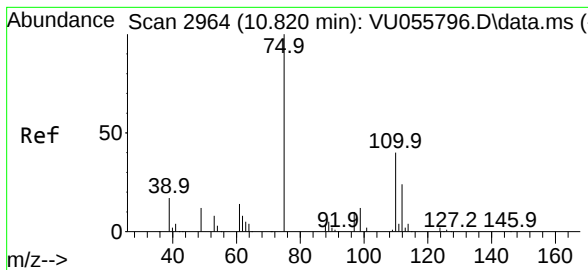
Ion Ratio Lower Upper

83 100

131 7.8 7.2 10.8

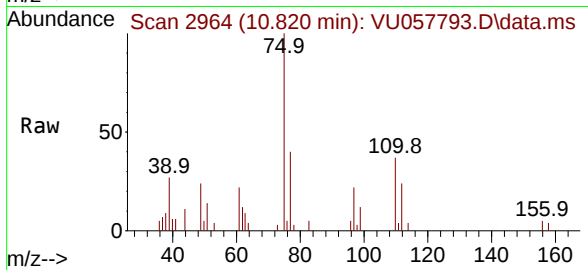
85 60.8 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.821 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

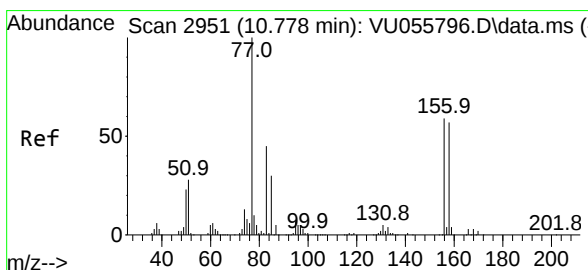
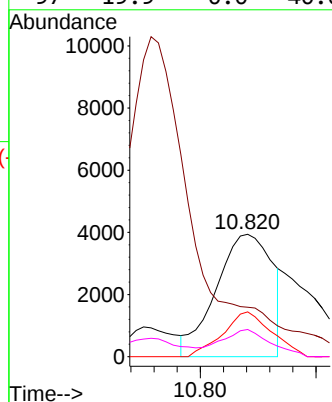
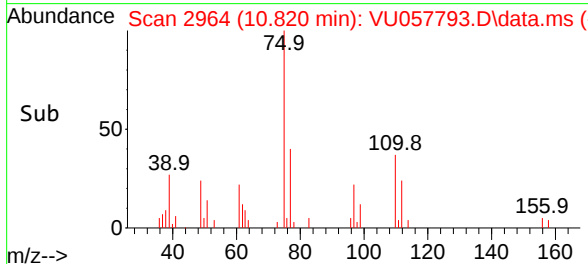
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:	75	Resp:	6639
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	31.9	0.0	74.6
97	19.9	0.0	40.0

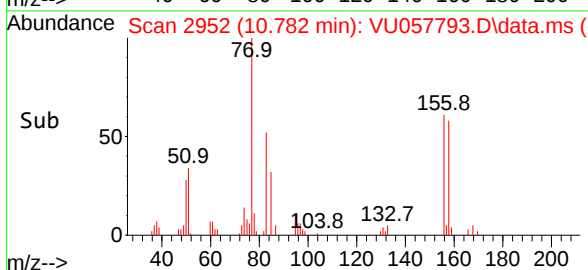
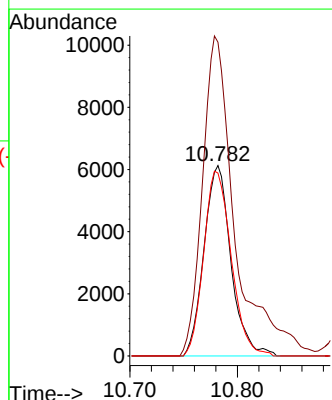
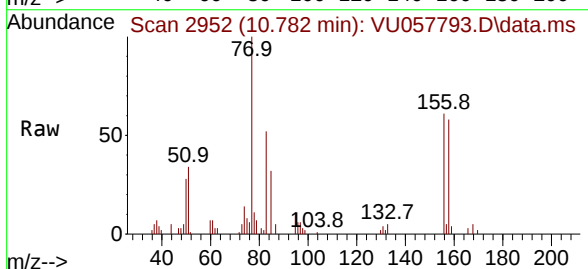
Manual Integrations
APPROVED

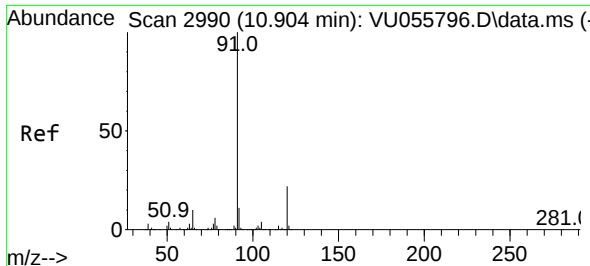
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#72
Bromobenzene
Concen: 0.904 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.004 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion:	156	Resp:	10712
Ion Ratio	Lower	Upper	
156	100		
77	202.9	0.0	343.0
158	99.0	0.0	194.8





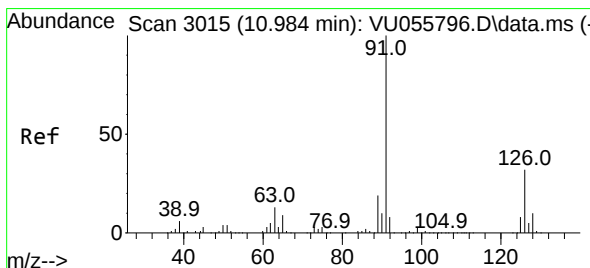
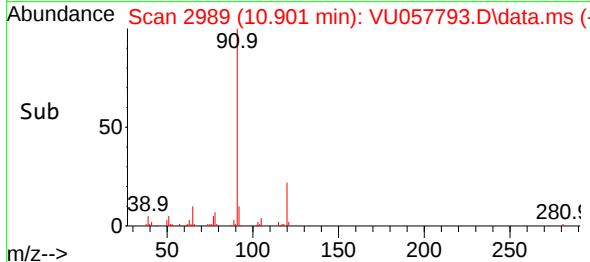
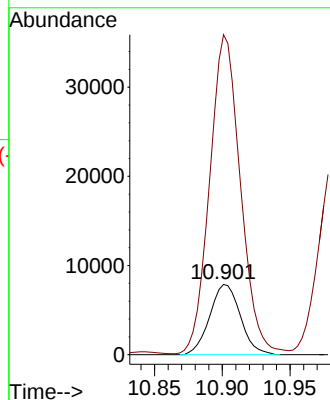
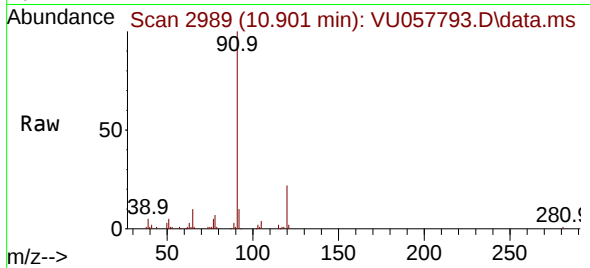
#73
n-propylbenzene
Concen: 0.914 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

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

Tgt Ion:120 Resp: 12369
Ion Ratio Lower Upper
120 100
91 455.6 369.8 554.6

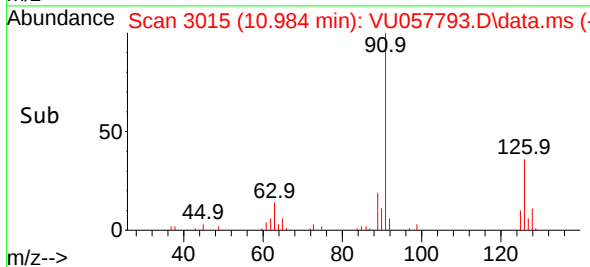
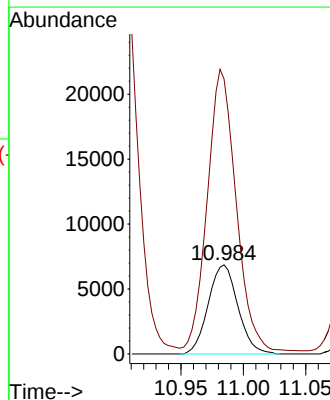
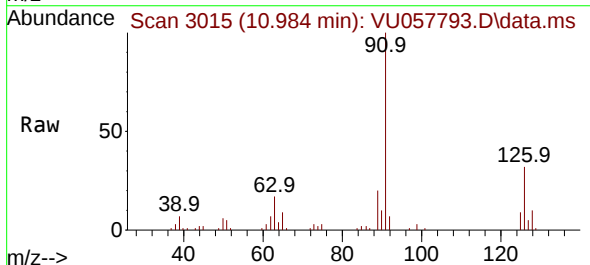
Manual Integrations
APPROVED

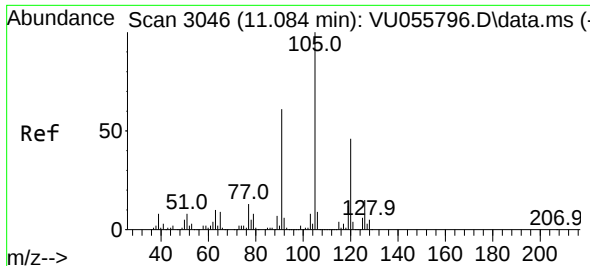
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#74
2-Chlorotoluene
Concen: 0.904 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

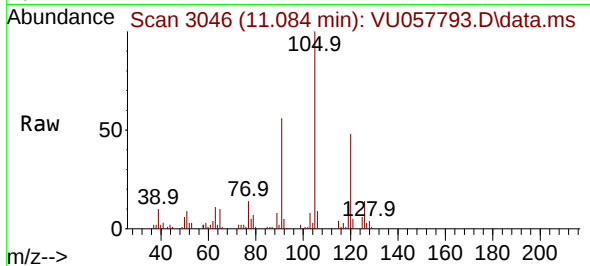
Tgt Ion:126 Resp: 11346
Ion Ratio Lower Upper
126 100
91 311.2 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 0.909 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

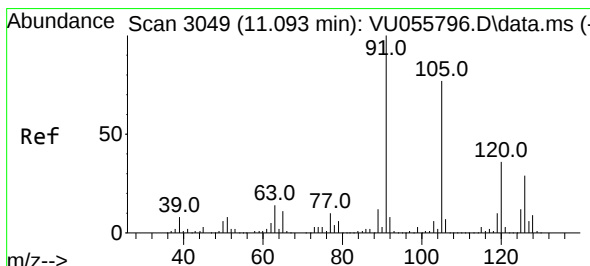
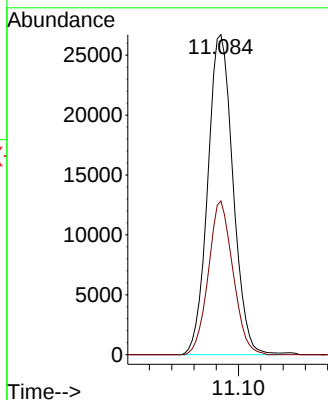
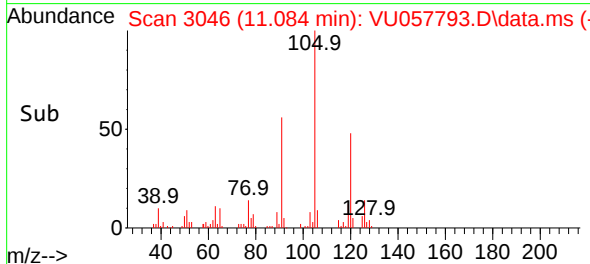
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



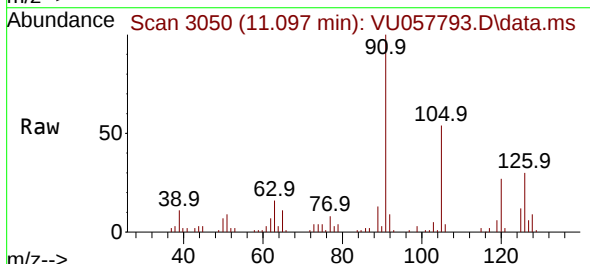
Tgt Ion:105 Resp: 4205
Ion Ratio Lower Upper
105 100
120 46.7 37.8 56.8

Manual Integrations
APPROVED

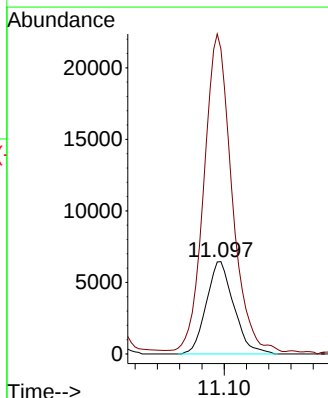
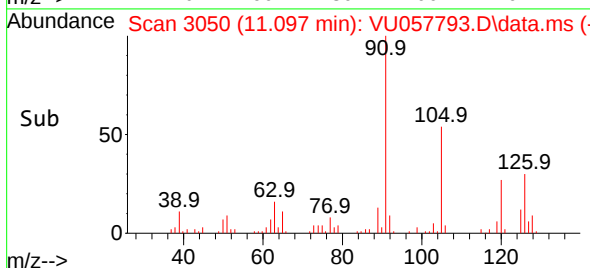
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

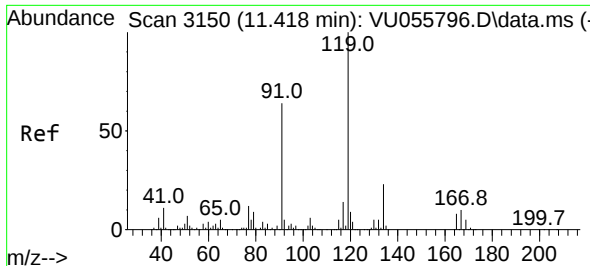


#76
4-Chlorotoluene
Concen: 0.876 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.004 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16



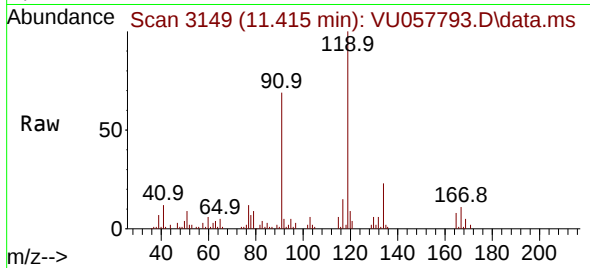
Tgt Ion:126 Resp: 11047
Ion Ratio Lower Upper
126 100
91 349.1 0.0 686.2





#77
tert-Butylbenzene
Concen: 0.891 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

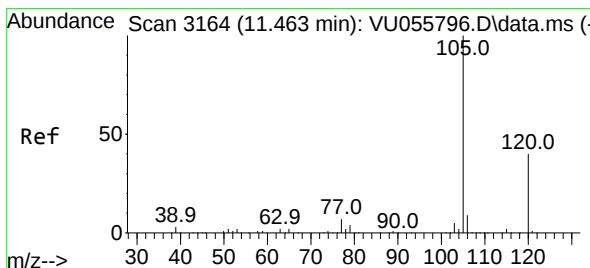
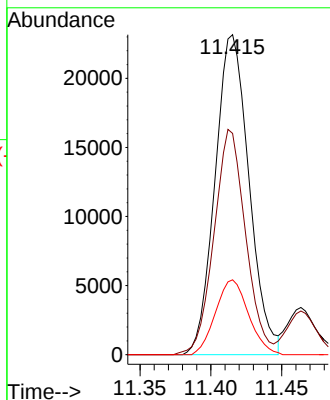
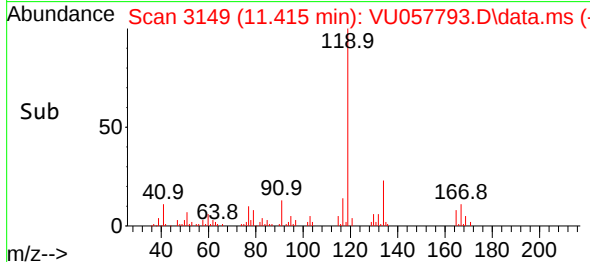
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:119 Resp: 3867
Ion Ratio Lower Upper
119 100
91 65.5 30.8 92.4
134 22.7 18.0 27.0

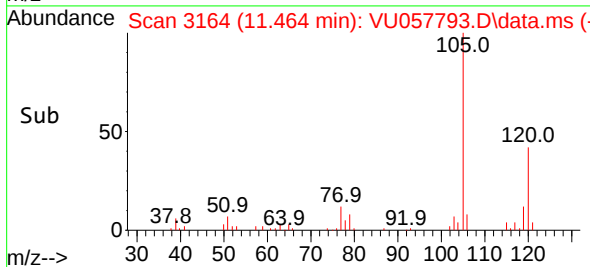
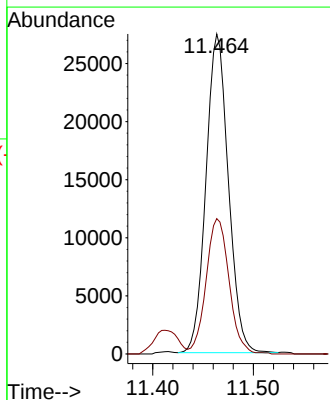
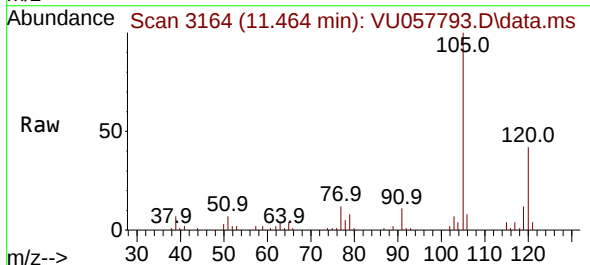
Manual Integrations
APPROVED

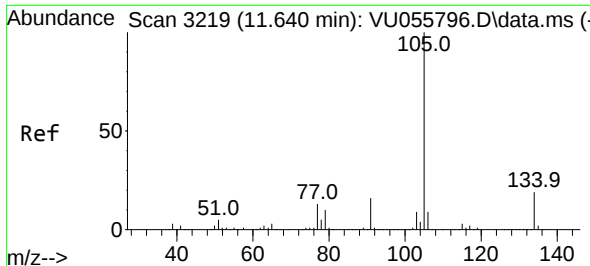
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#78
1,2,4-Trimethylbenzene
Concen: 0.905 ug/l
RT: 11.464 min Scan# 3164
Delta R.T. 0.001 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

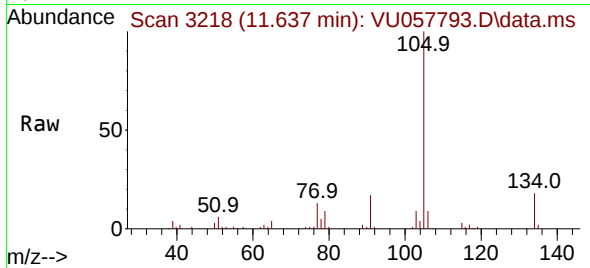
Tgt Ion:105 Resp: 42442
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 0.932 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057793.D
 Acq: 02 Feb 2024 14:16

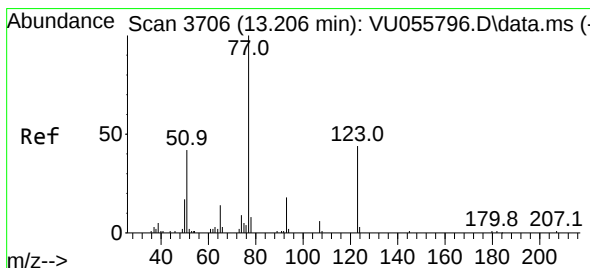
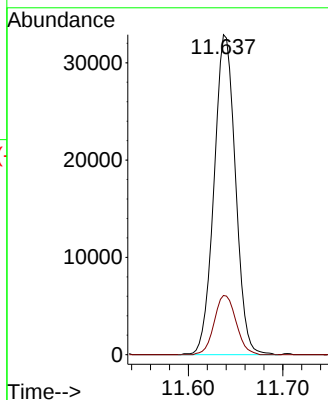
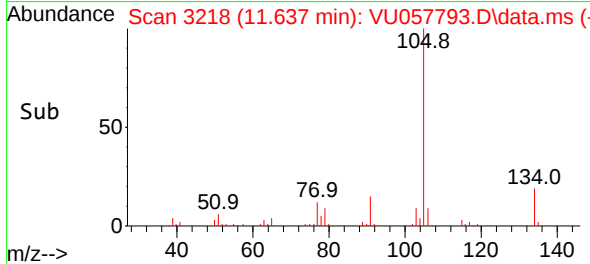
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



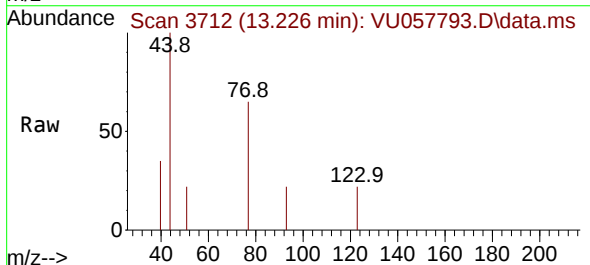
Tgt Ion:105 Resp: 51730
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.9 22.3

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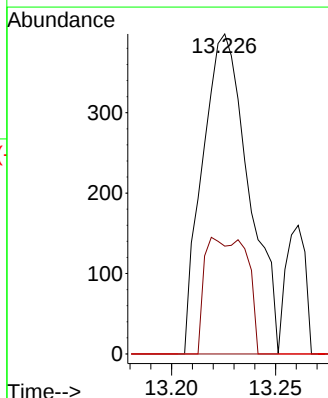
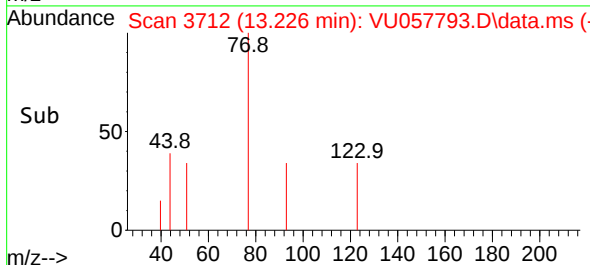
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

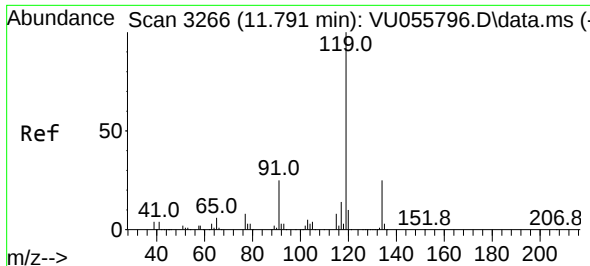


#80
 Nitrobenzene
 Concen: 3.208 ug/l
 RT: 13.226 min Scan# 3712
 Delta R.T. 0.020 min
 Lab File: VU057793.D
 Acq: 02 Feb 2024 14:16



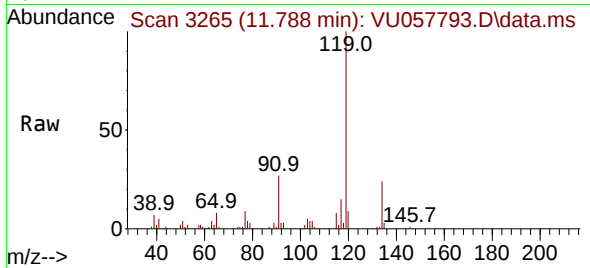
Tgt Ion: 77 Resp: 616
 Ion Ratio Lower Upper
 77 100
 123 16.9 19.7 69.7#
 65 0.0 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 0.925 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

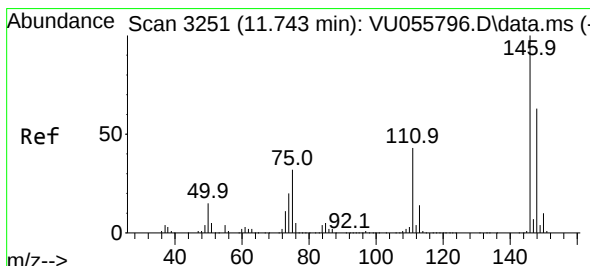
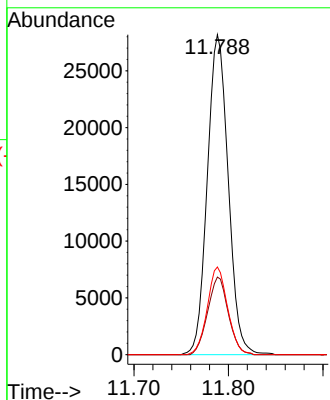
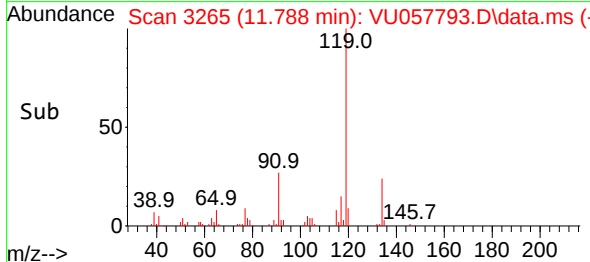
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



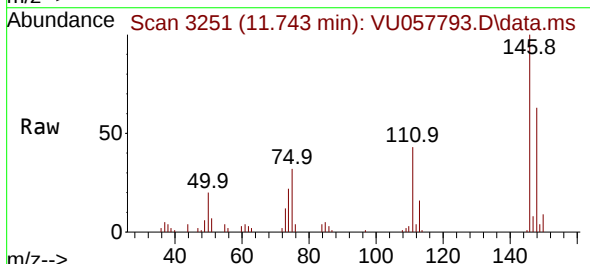
Tgt Ion:119 Resp: 4325
Ion Ratio Lower Upper
119 100
134 24.0 20.2 30.4
91 26.6 19.3 28.9

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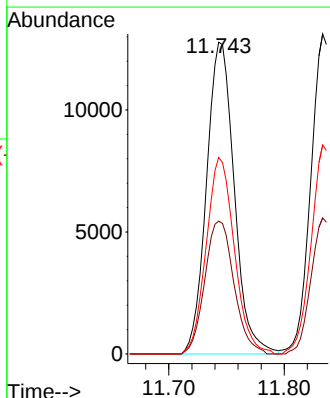
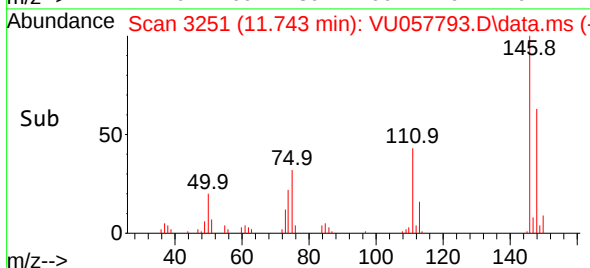
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

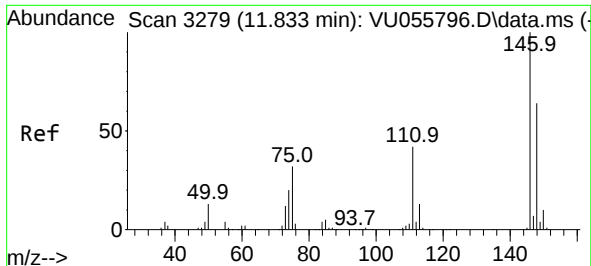


#82
1,3-Dichlorobenzene
Concen: 0.889 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16



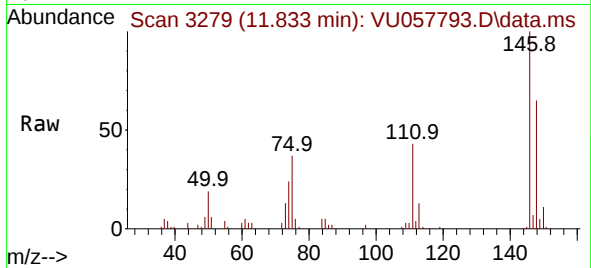
Tgt Ion:146 Resp: 21310
Ion Ratio Lower Upper
146 100
111 44.8 32.6 49.0
148 63.9 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.905 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

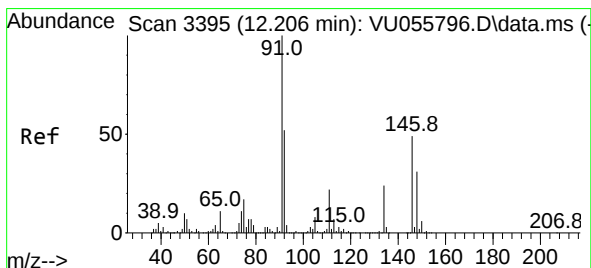
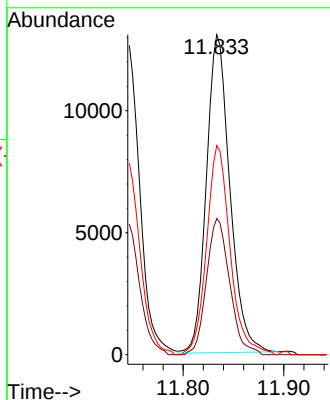
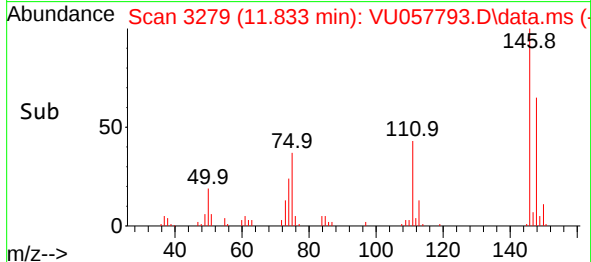
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



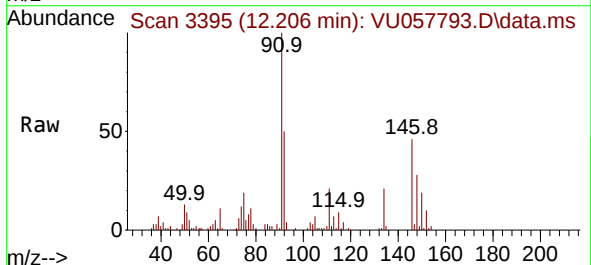
Tgt Ion:146 Resp: 21160
Ion Ratio Lower Upper
146 100
111 42.2 31.6 47.4
148 66.0 50.3 75.5

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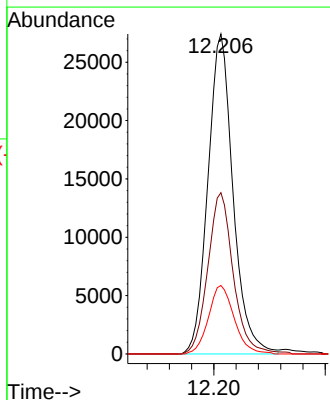
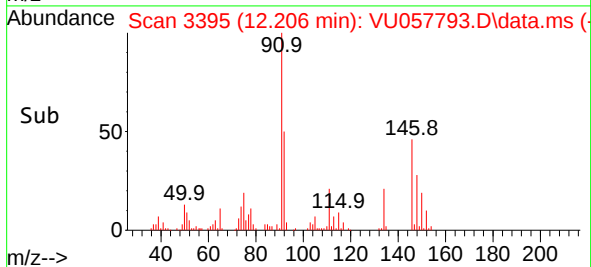
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

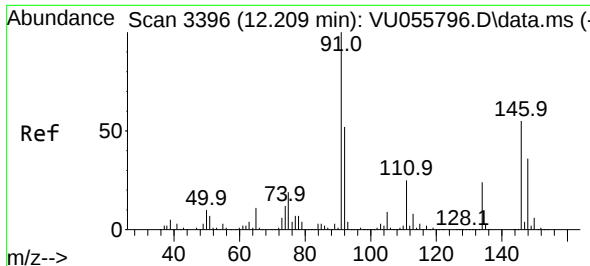


#84
n-Butylbenzene
Concen: 0.960 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16



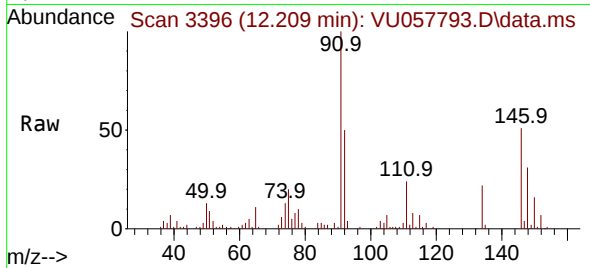
Tgt Ion: 91 Resp: 42959
Ion Ratio Lower Upper
91 100
92 51.1 40.8 61.2
134 21.9 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 1.030 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

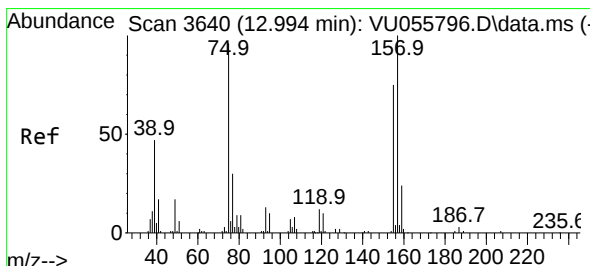
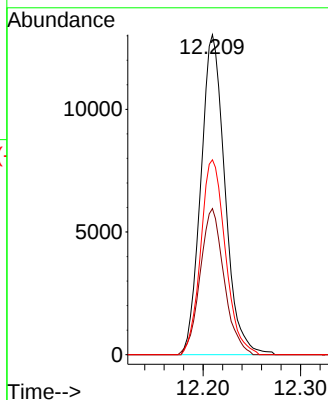
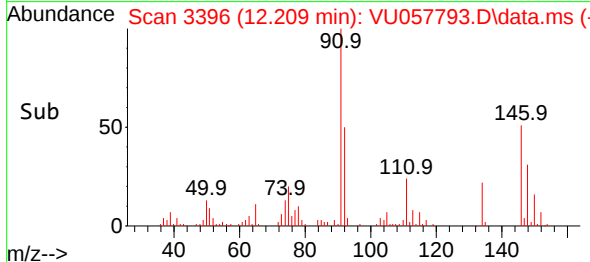
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



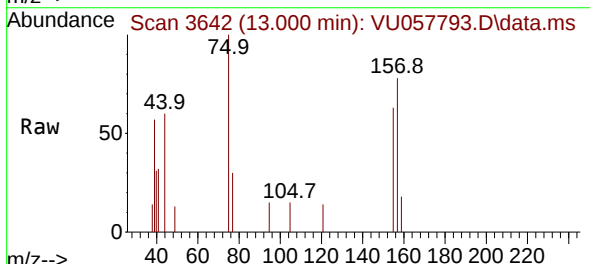
Tgt Ion:146 Resp: 22389
Ion Ratio Lower Upper
146 100
111 45.4 21.6 64.6
148 62.5 32.1 96.5

Manual Integrations
APPROVED

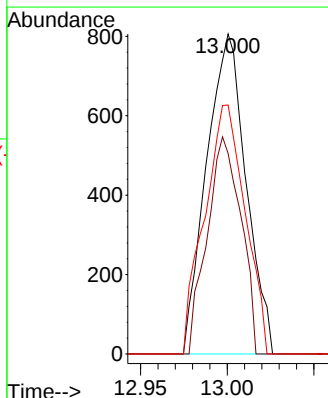
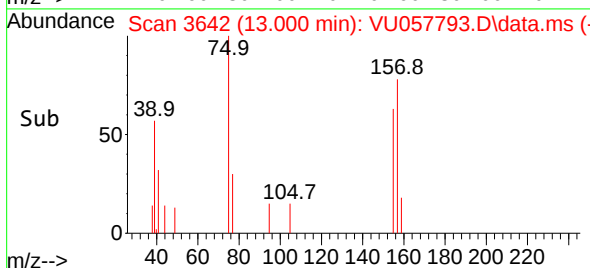
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

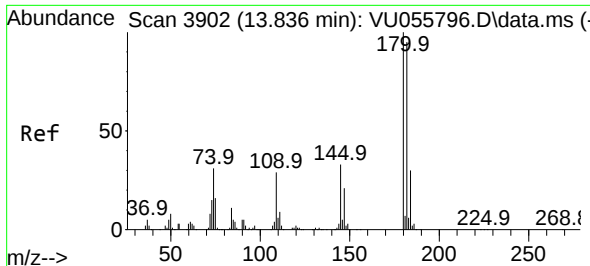


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.952 ug/l
RT: 13.000 min Scan# 3642
Delta R.T. 0.006 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16



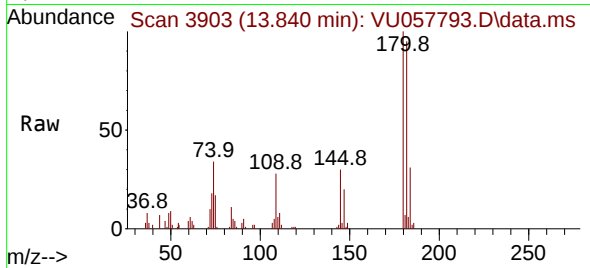
Tgt Ion: 75 Resp: 1277
Ion Ratio Lower Upper
75 100
155 58.0 61.8 92.8#
157 80.0 80.2 120.4#





#87
1,2,4-Trichlorobenzene
Concen: 1.261 ug/l
RT: 13.840 min Scan# 3902
Delta R.T. 0.004 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

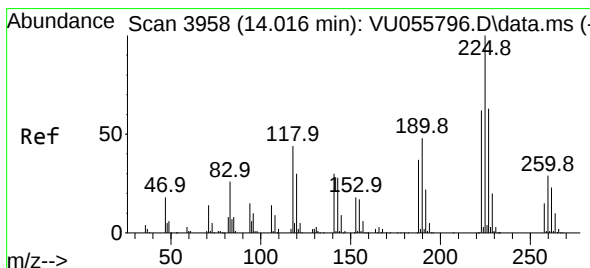
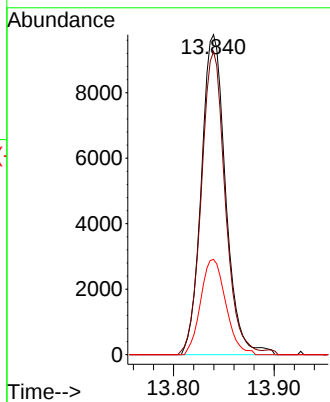
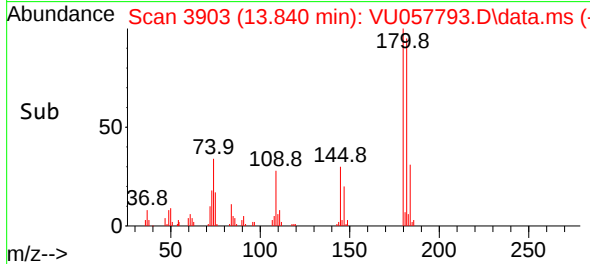
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:180 Resp: 1637
Ion Ratio Lower Upper
180 100
182 93.2 75.8 113.6
145 30.8 23.9 35.9

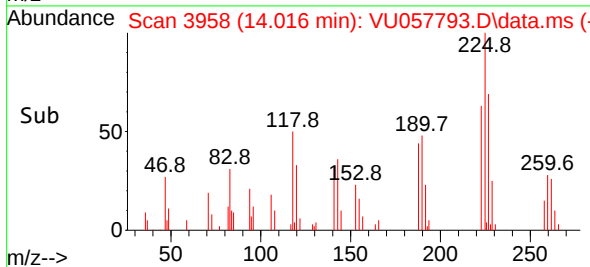
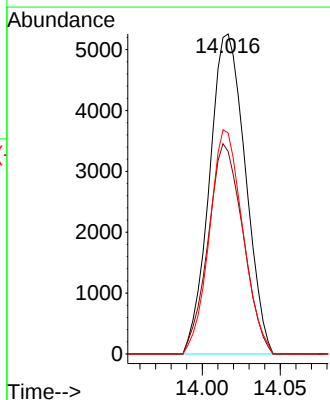
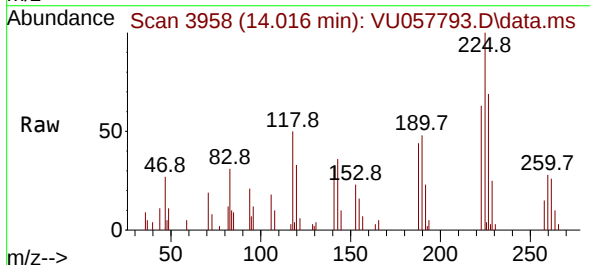
Manual Integrations
APPROVED

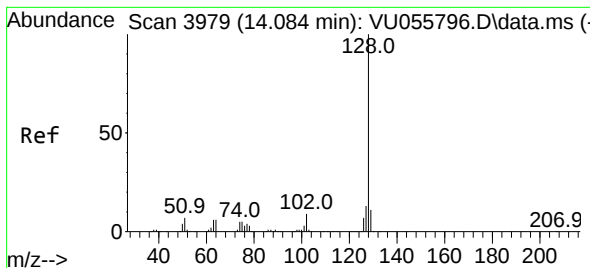
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#88
Hexachlorobutadiene
Concen: 1.009 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU057793.D
Acq: 02 Feb 2024 14:16

Tgt Ion:225 Resp: 8406
Ion Ratio Lower Upper
225 100
223 63.8 50.2 75.4
227 65.1 51.5 77.3





#89

Naphthalene

Concen: 1.191 ug/l

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

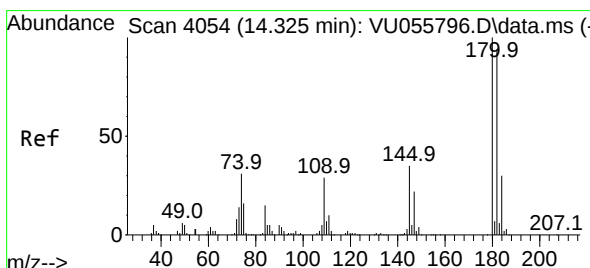
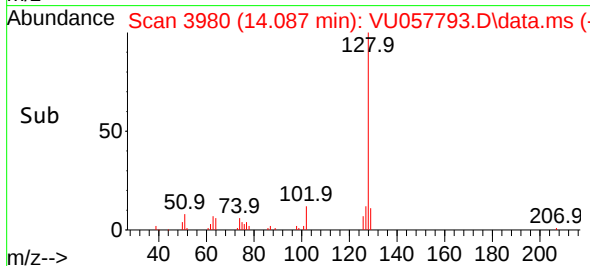
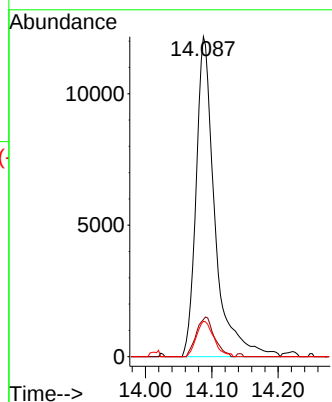
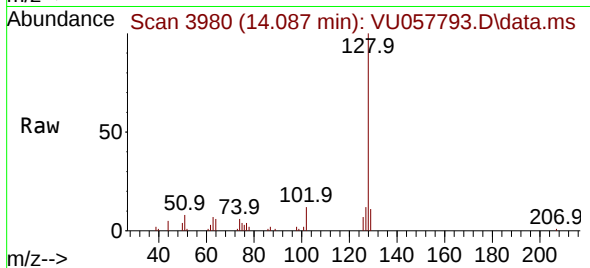
Tgt Ion:128	Resp: 23870
Ion Ratio	Lower Upper
128	100
127	11.9 10.9 16.3
129	10.3 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#90

1,2,3-Trichlorobenzene

Concen: 0.975 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU057793.D

Acq: 02 Feb 2024 14:16

Tgt Ion:180	Resp: 10533
Ion Ratio	Lower Upper
180	100
182	98.4 75.7 113.5
145	36.5 26.1 39.1

