

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020624\
 Data File : VU057818.D
 Acq On : 06 Feb 2024 13:07
 Operator : MD/SY
 Sample : P1187-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Feb 07 03:55:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Feb 07 03:54:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	42571	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14857	0.951	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13115	0.949	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	14441	1.037	ug/l	94
3) Chloromethane	1.518	50	14730	1.102	ug/l	98
4) Vinyl Chloride	1.602	62	14631	1.060	ug/l	97
5) Bromomethane	1.856	94	9183	1.102	ug/l	95
6) Chloroethane	1.930	64	9495	1.069	ug/l	98
7) Trichlorofluoromethane	2.129	101	22665	1.085	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	10915	1.045	ug/l	95
9) 1,1-Dichloroethene	2.570	96	10643	1.039	ug/l	96
10) Iodomethane	2.715	142	15909	0.966	ug/l	88
11) Allyl Chloride	2.914	41	17409	1.113	ug/l	99
12) Acrylonitrile	3.319	53	4886	2.259	ug/l	97
13) Acetone	2.644	43	21432	5.060	ug/l	89
14) Carbon Disulfide	2.782	76	32885	1.004	ug/l	97
15) Methylene Chloride	3.036	84	17453	1.327	ug/l	99
16) trans-1,2-Dichloroethene	3.345	96	11331	1.019	ug/l	97
17) 1,1-Dichloroethane	3.859	63	23533	1.053	ug/l	99
18) 2-Butanone	4.724	43	23798	5.604	ug/l	95
19) Cyclohexane	5.374	56	18171	1.035	ug/l	94
20) Methylcyclohexane	6.753	83	20703	1.019	ug/l	97
21) 2,2-Dichloropropane	4.653	77	21344	1.061	ug/l	96
22) cis-1,2-Dichloroethene	4.657	96	12391	1.012	ug/l	86
23) Diethyl Ether	2.370	59	9175	1.160	ug/l	97
24) tert-Butyl Alcohol	3.248	59	4681m	8.160	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	28005	1.073	ug/l	96
26) Bromochloromethane	4.968	128	4846	1.017	ug/l	86
27) Chloroform	5.078	83	23702	1.063	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	20686	1.025	ug/l	99
29) 1,1-Dichloropropene	5.515	75	16688	1.006	ug/l	97
30) Carbon Tetrachloride	5.512	117	17238	0.996	ug/l	100
31) Isopropyl Ether	3.988	45	36659	1.069	ug/l	95
32) Ethyl-t-butyl ether	4.499	59	35798	1.061	ug/l	97
33) Tert-Amyl methyl ether	5.943	73	29474	1.043	ug/l	99
34) Propionitrile	4.804	54	4643m	5.858	ug/l	
35) Benzene	5.766	78	49284	1.037	ug/l	99
36) 1,2-Dichloroethane	5.792	62	14821	1.067	ug/l	99
37) Trichloroethene	6.537	130	12120	0.991	ug/l	98
38) 1,2-Dichloropropane	6.788	63	12781	1.017	ug/l	99
39) Methacrylonitrile	4.978	41	3643	1.055	ug/l	96
40) Methyl acrylate	4.853	55	6157	1.070	ug/l	# 89
41) Tetrahydrofuran	5.065	42	3558	2.068	ug/l	95
42) 1-Chlorobutane	5.448	56	23087	1.048	ug/l	97
43) Dibromomethane	6.914	93	6013	1.042	ug/l	90
44) Bromodichloromethane	7.100	83	15815	1.009	ug/l	99

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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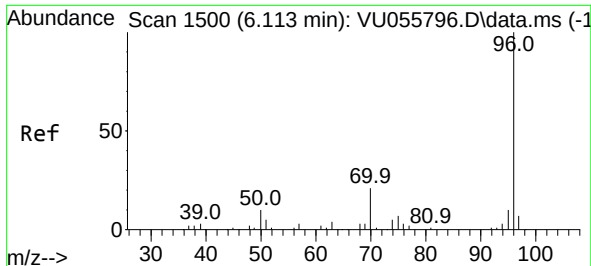
Quant Time: Feb 07 03:55:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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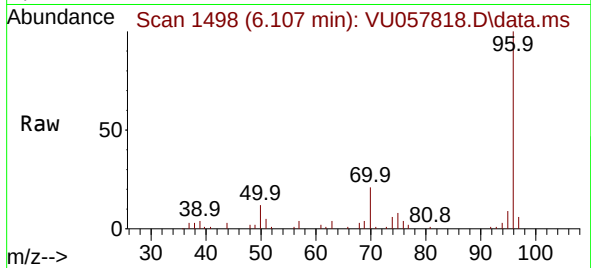
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	32767	5.081	ug/l	98
46) t-1,4-Dichloro-2-butene	10.840	75	3001m	1.735	ug/l	
47) Methyl methacrylate	6.968	69	10980	2.076	ug/l	93
48) Ethyl methacrylate	8.335	69	10535	0.993	ug/l	97
49) Toluene	7.965	92	29497	1.027	ug/l	94
50) t-1,3-Dichloropropene	8.209	75	13408	0.940	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	17434	0.980	ug/l	95
52) 1,1,2-Trichloroethane	8.396	97	8490	1.069	ug/l	96
53) 1,3-Dichloropropane	8.573	76	14673	1.018	ug/l	99
54) 2-Hexanone	8.692	43	31514	5.047	ug/l	99
55) Dibromochloromethane	8.804	129	9069	0.956	ug/l	97
56) 1,2-Dibromoethane	8.923	107	7448	1.001	ug/l	97
58) Tetrachloroethene	8.547	164	10959	1.033	ug/l	96
59) Chlorobenzene	9.444	112	31657	1.002	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	10982	1.014	ug/l	95
61) Pentachloroethane	11.418	117	8104	1.015	ug/l	95
62) Hexachloroethane	12.470	117	8855	0.957	ug/l	92
63) Ethyl Benzene	9.566	91	56251	0.990	ug/l	99
64) m/p-Xylenes	9.688	106	41637	1.999	ug/l	99
65) o-Xylene	10.094	106	20632	0.997	ug/l	93
66) Styrene	10.113	104	30890	0.967	ug/l	95
67) Bromoform	10.290	173	4529	0.949	ug/l #	96
69) Isopropylbenzene	10.479	105	53417	0.973	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	9527	0.996	ug/l	98
71) 1,2,3-Trichloropropane	10.823	75	8423m	0.997	ug/l	
72) Bromobenzene	10.778	156	11720	0.997	ug/l	81
73) n-propylbenzene	10.901	120	13950	0.974	ug/l	99
74) 2-Chlorotoluene	10.981	126	12407	0.992	ug/l	89
75) 1,3,5-Trimethylbenzene	11.084	105	44355	0.956	ug/l	99
76) 4-Chlorotoluene	11.094	126	12469	0.990	ug/l	96
77) tert-Butylbenzene	11.415	119	43352	0.970	ug/l	96
78) 1,2,4-Trimethylbenzene	11.463	105	45505	0.970	ug/l	100
79) sec-Butylbenzene	11.637	105	55361	0.938	ug/l	99
80) Nitrobenzene	13.212	77	802	3.060	ug/l #	86
81) p-Isopropyltoluene	11.788	119	45746	0.942	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	23489	0.999	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	23180	0.995	ug/l	98
84) n-Butylbenzene	12.203	91	42670	0.921	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	21171	0.970	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1479	0.926	ug/l	93
87) 1,2,4-Trichlorobenzene	13.836	180	11843	0.888	ug/l	90
88) Hexachlorobutadiene	14.016	225	8170	0.978	ug/l	100
89) Naphthalene	14.087	128	19661	0.842	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	10150	0.887	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU057818.D
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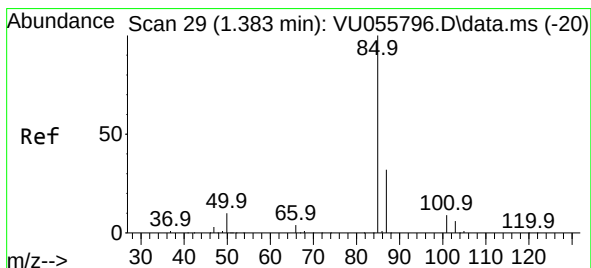
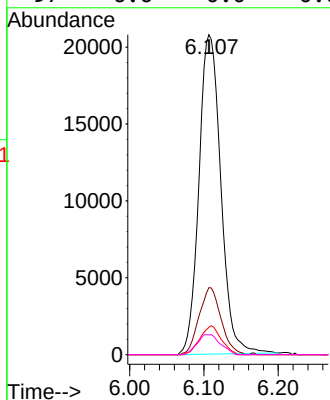
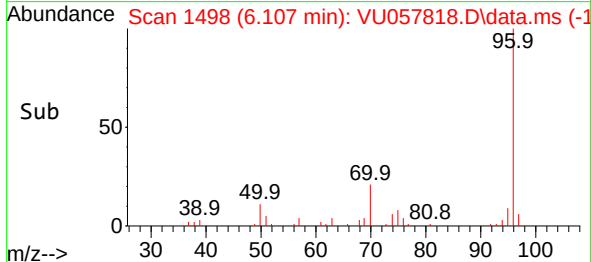
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 96 Resp: 4257
Ion Ratio Lower Upper
96 100
70 21.0 16.5 24.7
95 8.8 7.4 11.0
97 6.6 0.0 0.0#

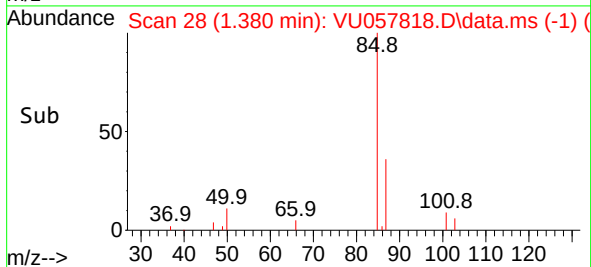
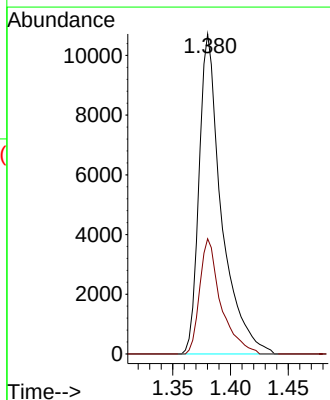
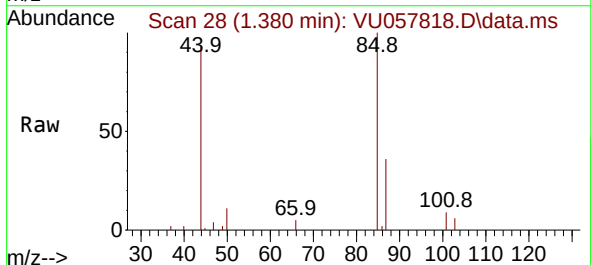
Manual Integrations
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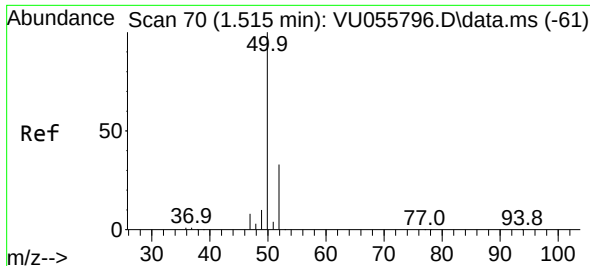
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#2
Dichlorodifluoromethane
Concen: 1.037 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

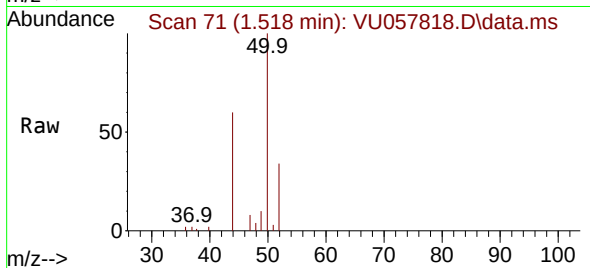
Tgt Ion: 85 Resp: 14441
Ion Ratio Lower Upper
85 100
87 36.0 16.2 48.6





#3
Chloromethane
Concen: 1.102 ug/l
RT: 1.518 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

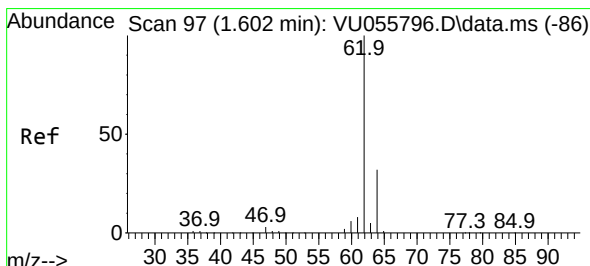
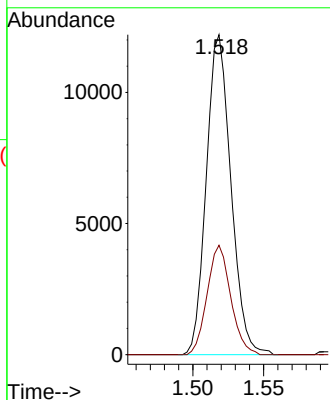
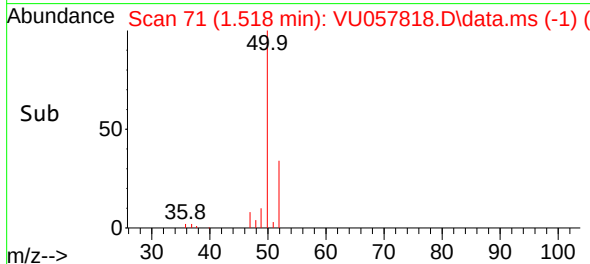
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 50 Resp: 14730
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0

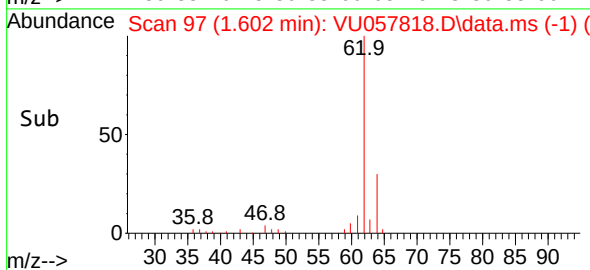
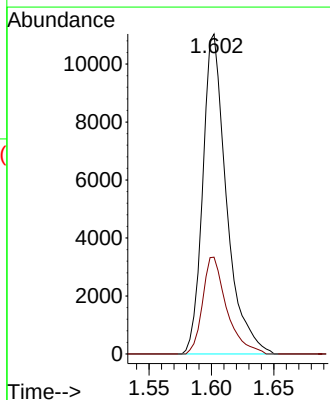
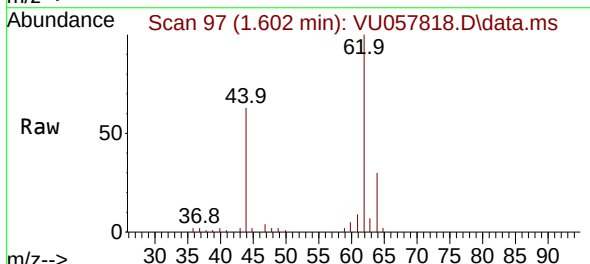
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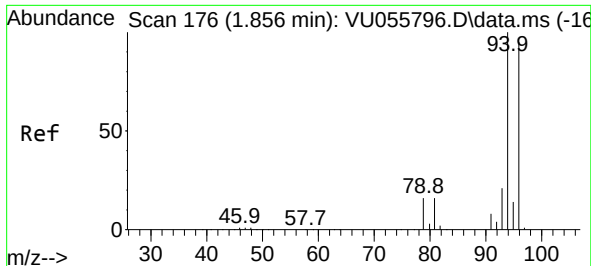
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#4
Vinyl Chloride
Concen: 1.060 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

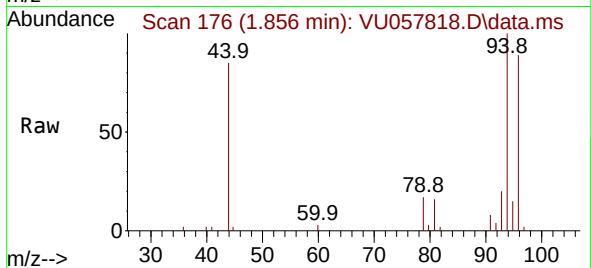
Tgt Ion: 62 Resp: 14631
Ion Ratio Lower Upper
62 100
64 30.3 25.4 38.2





#5
Bromomethane
Concen: 1.102 ug/l
RT: 1.856 min Scan# 118
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

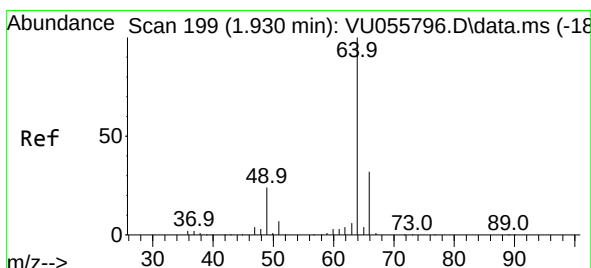
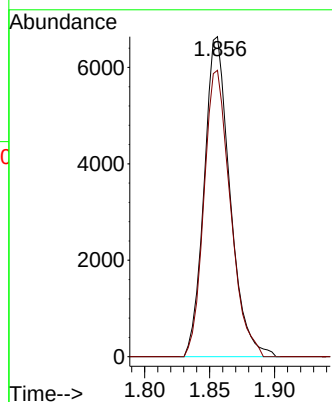
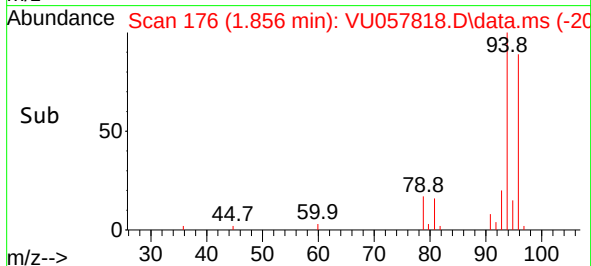
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 94 Resp: 918
Ion Ratio Lower Upper
94 100
96 89.5 75.4 113.2

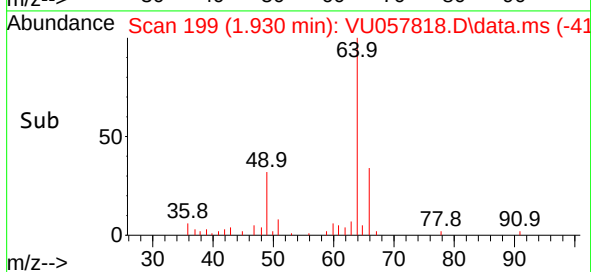
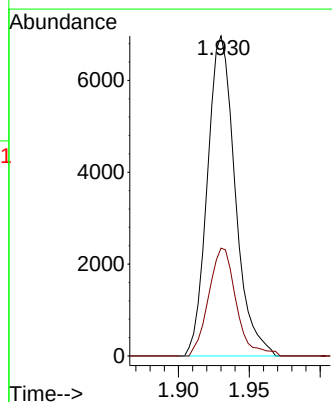
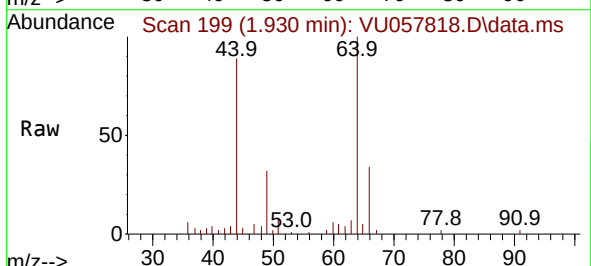
Manual Integrations
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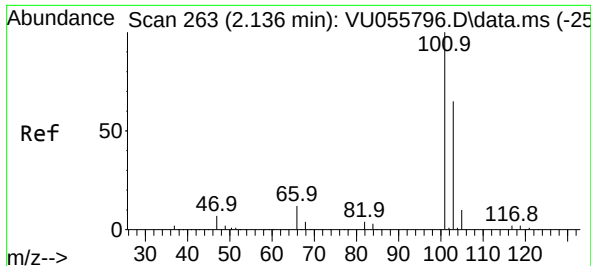
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#6
Chloroethane
Concen: 1.069 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.007 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

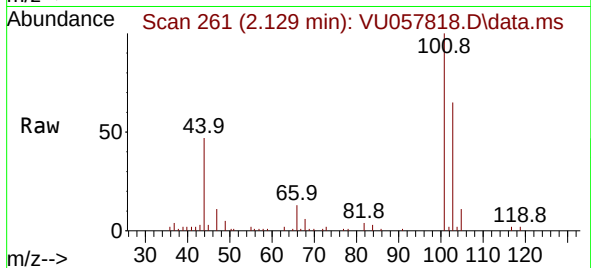
Tgt Ion: 64 Resp: 9495
Ion Ratio Lower Upper
64 100
66 33.7 26.0 39.0





#7
Trichlorofluoromethane
Concen: 1.085 ug/l
RT: 2.129 min Scan# 20
Delta R.T. 0.013 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

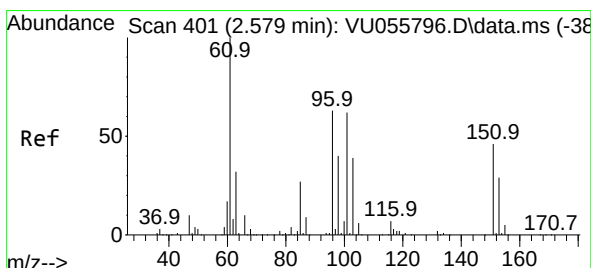
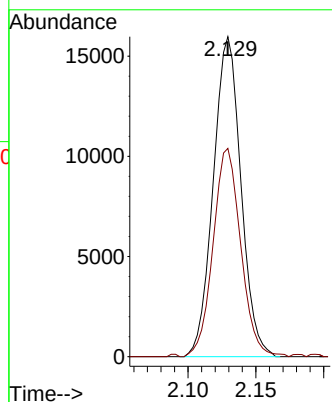
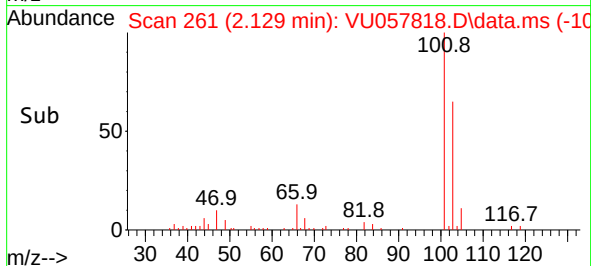
Instrument :
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Tgt Ion:101 Resp: 2266
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

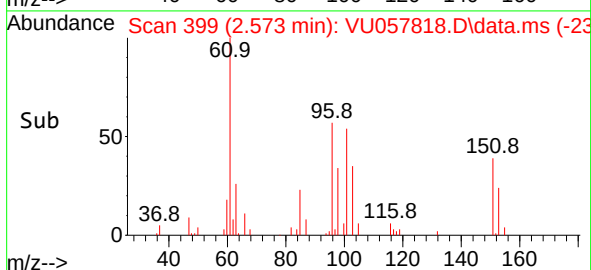
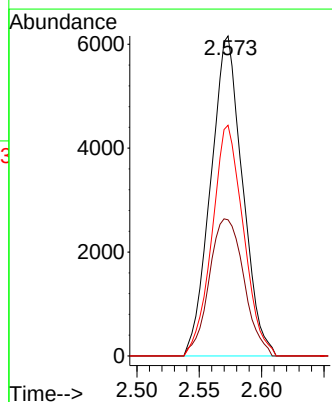
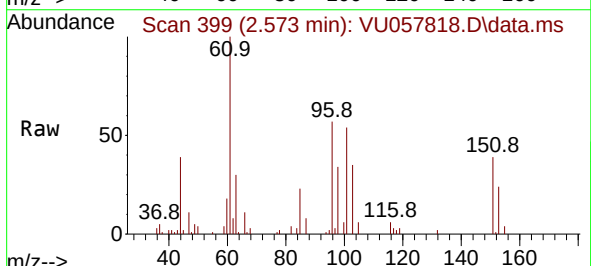
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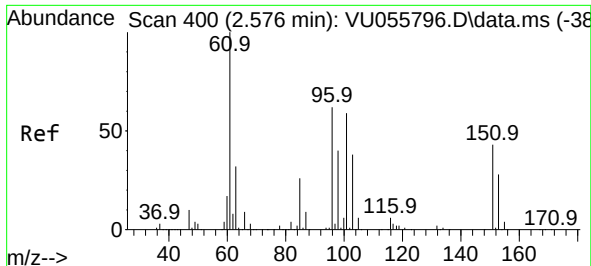
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.045 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.013 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

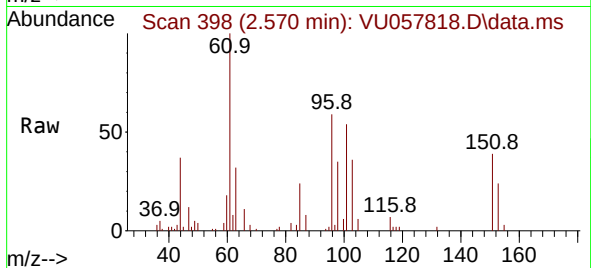
Tgt Ion:101 Resp: 10915
Ion Ratio Lower Upper
101 100
85 46.9 35.4 53.0
151 71.3 54.0 81.0





#9
1,1-Dichloroethene
Concen: 1.039 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.010 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

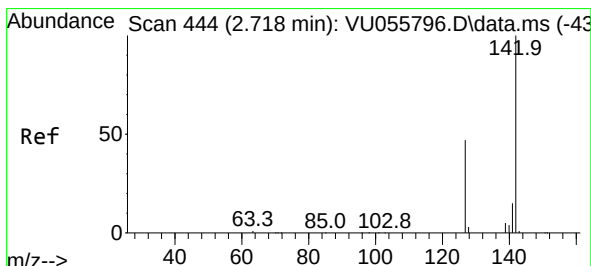
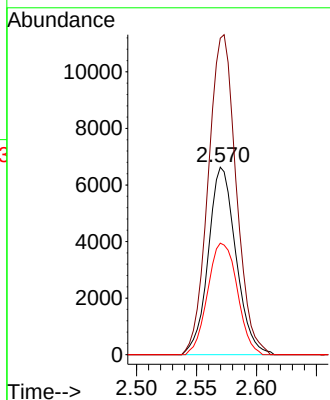
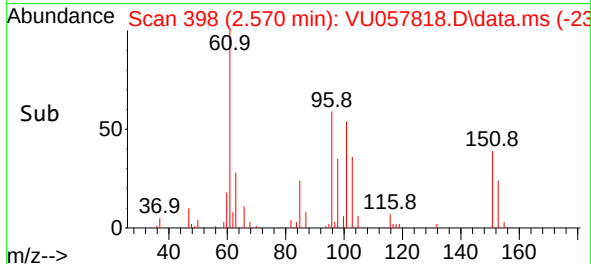
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 96 Resp: 1064
Ion Ratio Lower Upper
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61 168.8 0.0 521.4
98 59.5 0.0 125.8

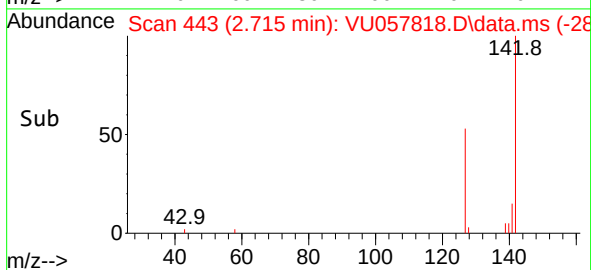
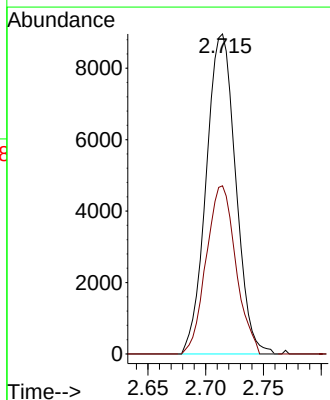
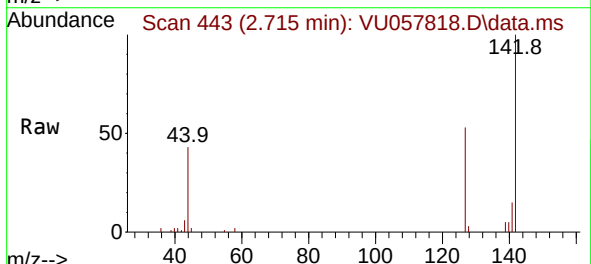
Manual Integrations
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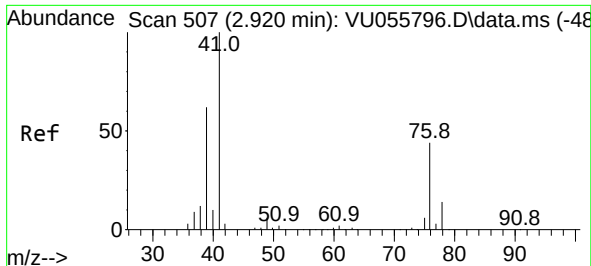
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#10
Iodomethane
Concen: 0.966 ug/l
RT: 2.715 min Scan# 443
Delta R.T. 0.014 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

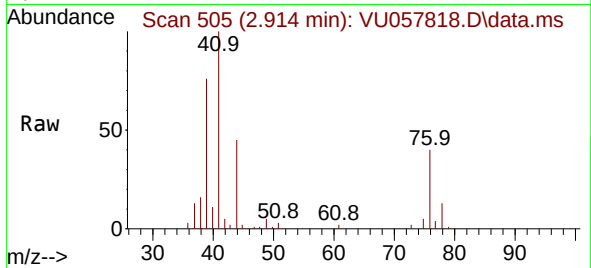
Tgt Ion:142 Resp: 15909
Ion Ratio Lower Upper
142 100
127 52.7 35.9 53.9





#11
 Allyl Chloride
 Concen: 1.113 ug/l
 RT: 2.914 min Scan# 507
 Delta R.T. 0.010 min
 Lab File: VU057818.D
 Acq: 06 Feb 2024 13:07

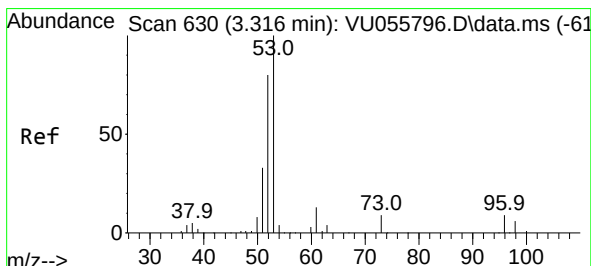
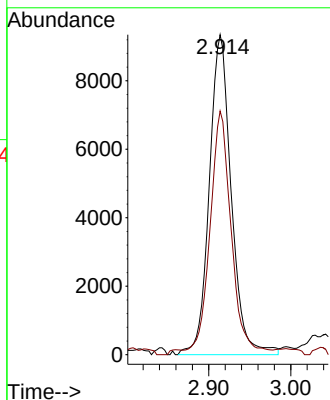
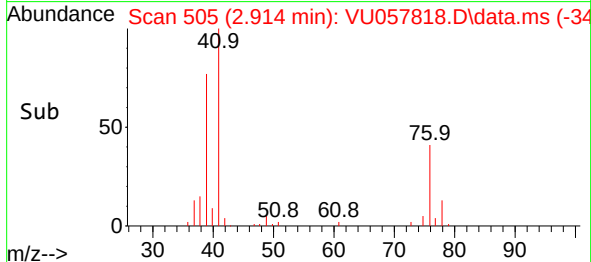
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



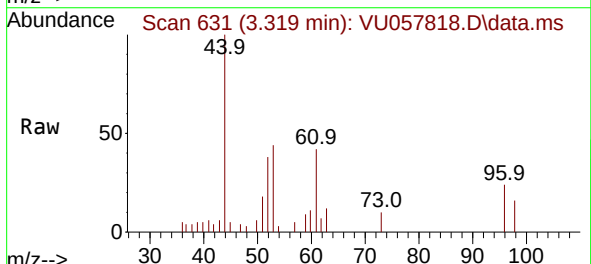
Tgt Ion: 41 Resp: 17409
 Ion Ratio Lower Upper
 41 100
 39 68.8 54.2 81.2

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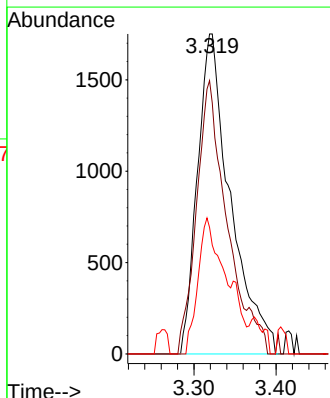
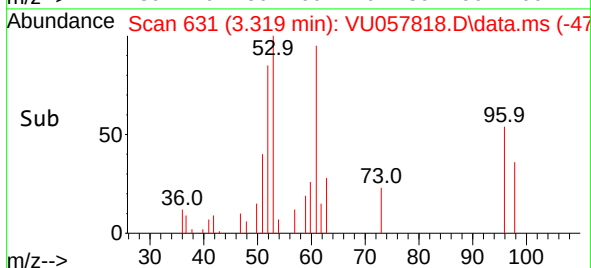
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024

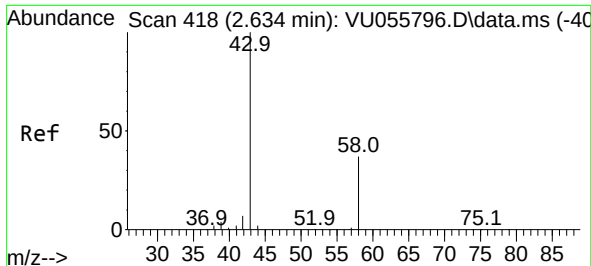


#12
 Acrylonitrile
 Concen: 2.259 ug/l
 RT: 3.319 min Scan# 631
 Delta R.T. 0.010 min
 Lab File: VU057818.D
 Acq: 06 Feb 2024 13:07



Tgt Ion: 53 Resp: 4886
 Ion Ratio Lower Upper
 53 100
 52 79.2 62.9 94.3
 51 30.9 27.8 41.6





#13

Acetone

Concen: 5.060 ug/l

RT: 2.644 min Scan# 418

Delta R.T. 0.013 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 2143

Ion Ratio Lower Upper

43 100

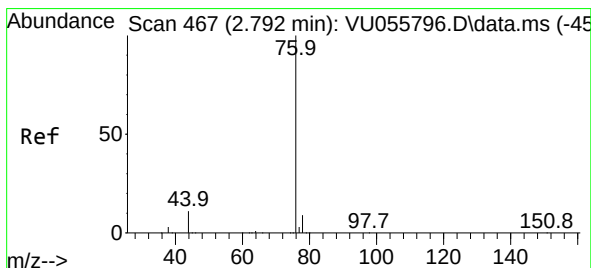
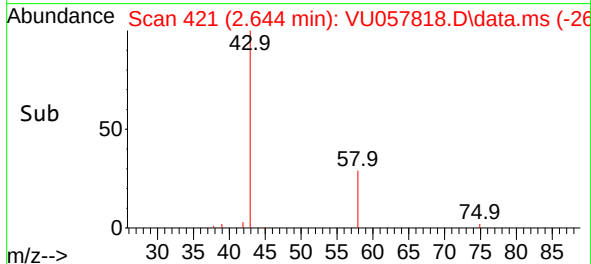
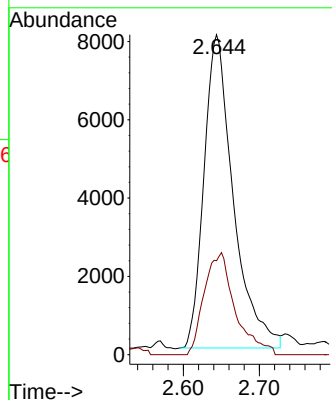
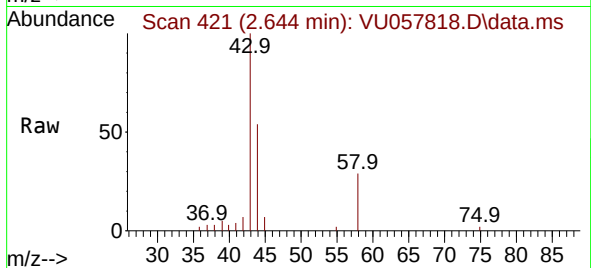
58 30.0 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#14

Carbon Disulfide

Concen: 1.004 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.010 min

Lab File: VU057818.D

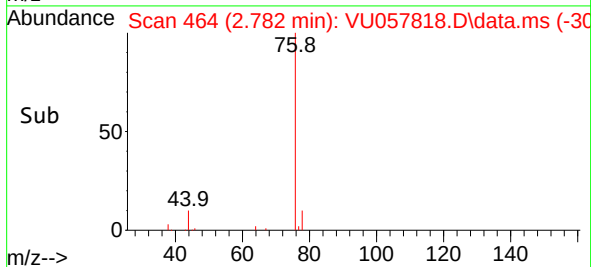
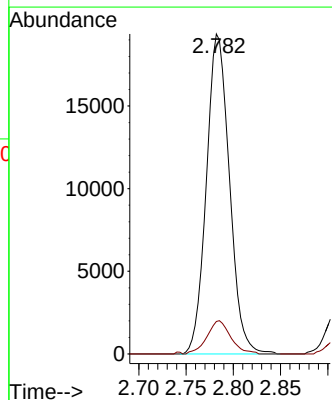
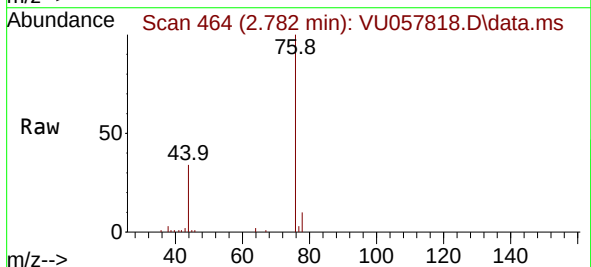
Acq: 06 Feb 2024 13:07

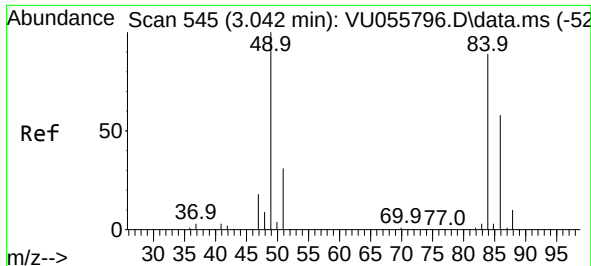
Tgt Ion: 76 Resp: 32885

Ion Ratio Lower Upper

76 100

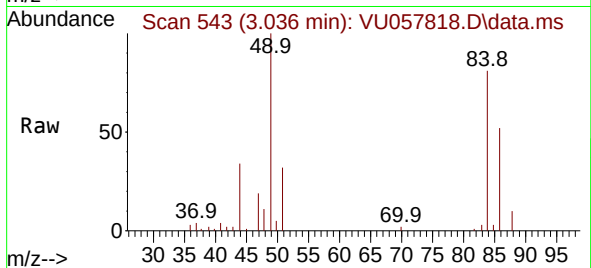
78 10.1 7.4 11.0





#15
Methylene Chloride
Concen: 1.327 ug/l
RT: 3.036 min Scan# 545
Delta R.T. 0.010 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

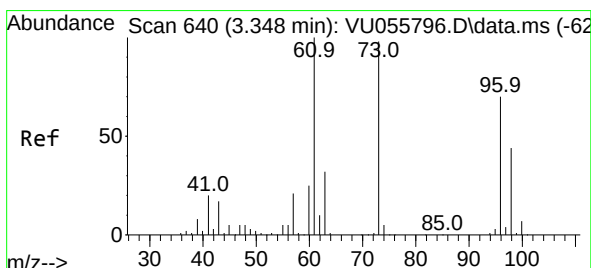
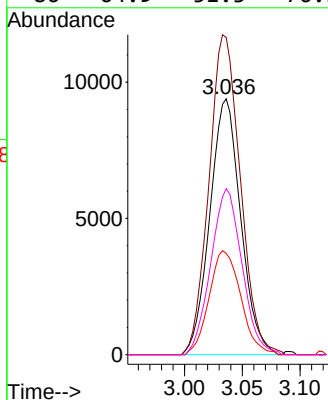
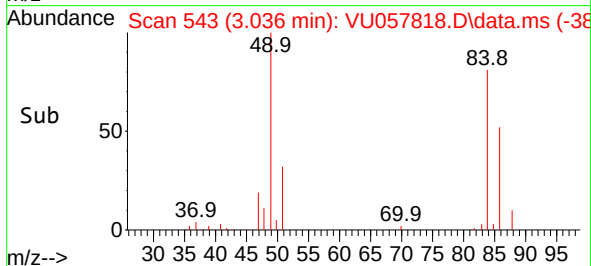
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 84 Resp: 1745
Ion Ratio Lower Upper
84 100
49 124.0 98.9 148.3
51 39.6 0.0 75.4
86 64.9 51.3 76.9

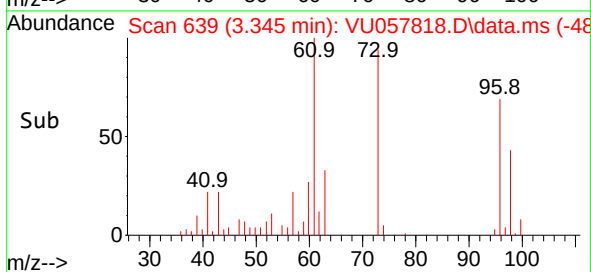
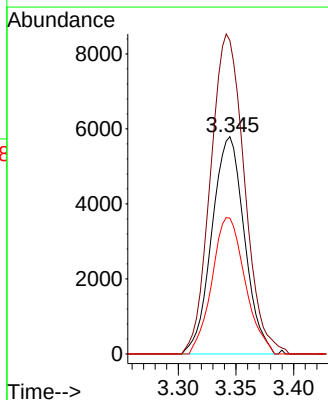
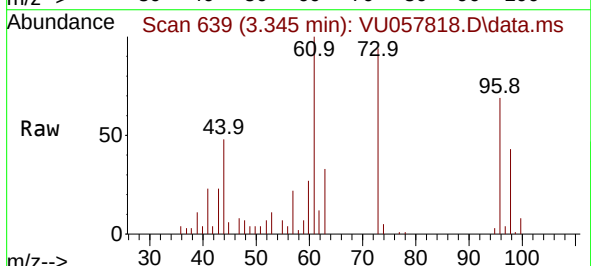
Manual Integrations
APPROVED

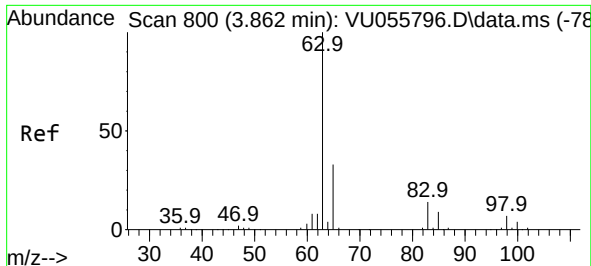
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#16
trans-1,2-Dichloroethene
Concen: 1.019 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.010 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

Tgt Ion: 96 Resp: 11331
Ion Ratio Lower Upper
96 100
61 144.3 117.5 176.3
98 64.4 48.3 72.5





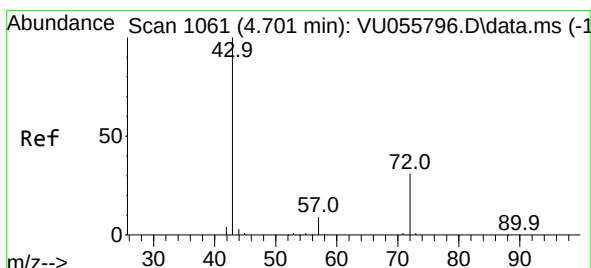
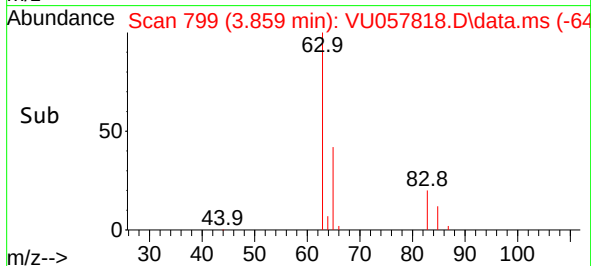
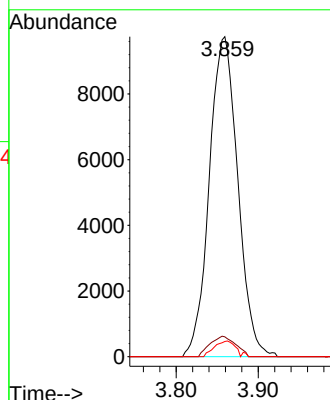
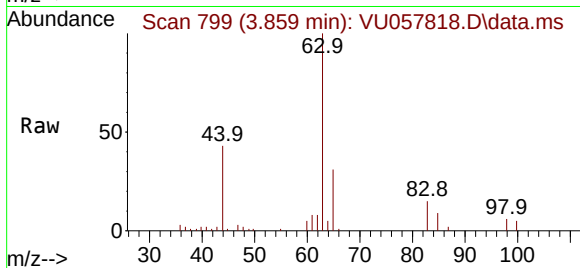
#17
 1,1-Dichloroethane
 Concen: 1.053 ug/l
 RT: 3.859 min Scan# 799
 Delta R.T. 0.010 min
 Lab File: VU057818.D
 Acq: 06 Feb 2024 13:07

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

Tgt Ion: 63 Resp: 2353
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.1
 100 4.8 2.2 6.6

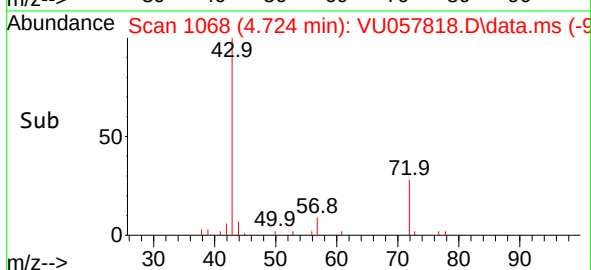
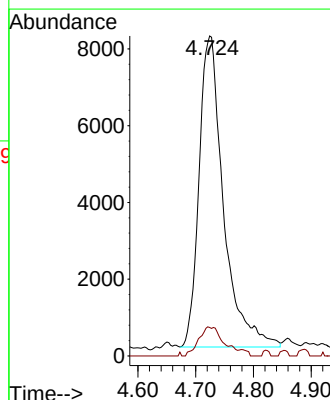
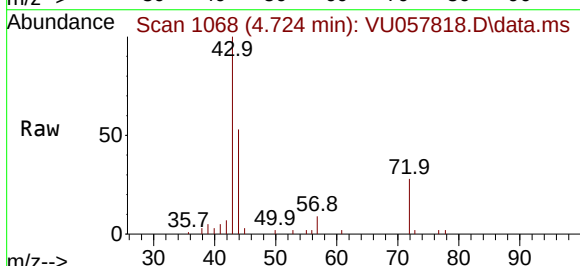
Manual Integrations
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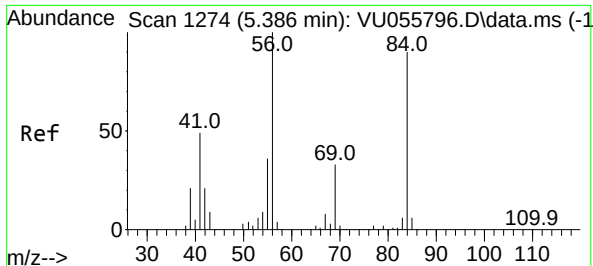
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#18
 2-Butanone
 Concen: 5.604 ug/l
 RT: 4.724 min Scan# 1068
 Delta R.T. 0.013 min
 Lab File: VU057818.D
 Acq: 06 Feb 2024 13:07

Tgt Ion: 43 Resp: 23798
 Ion Ratio Lower Upper
 43 100
 57 7.9 0.0 19.6





#19

Cyclohexane

Concen: 1.035 ug/l

RT: 5.374 min Scan# 1699

Delta R.T. 0.007 min

Lab File: VU057818.D

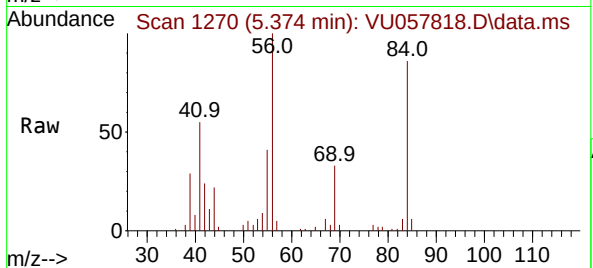
Acq: 06 Feb 2024 13:07

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024



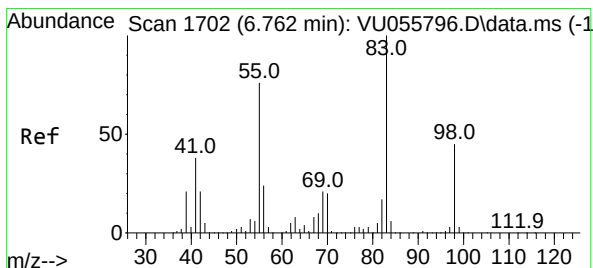
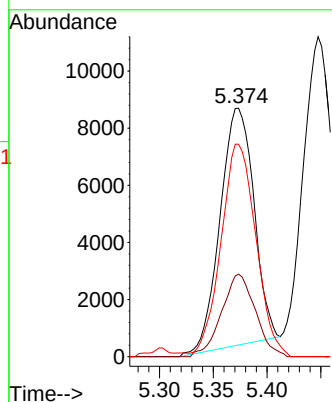
Tgt Ion:	56	Resp:	1817
Ion Ratio	100	Lower	Upper
56	100		
69	34.7	24.6	37.0
84	90.6	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#20

Methylcyclohexane

Concen: 1.019 ug/l

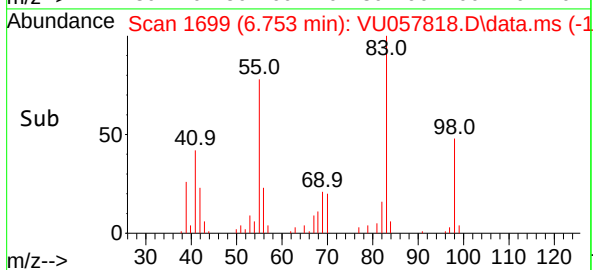
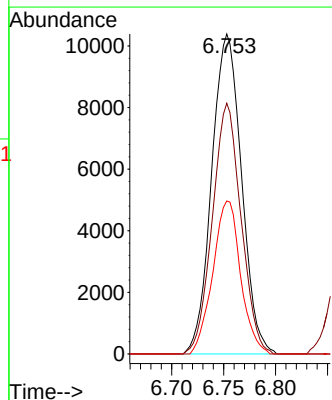
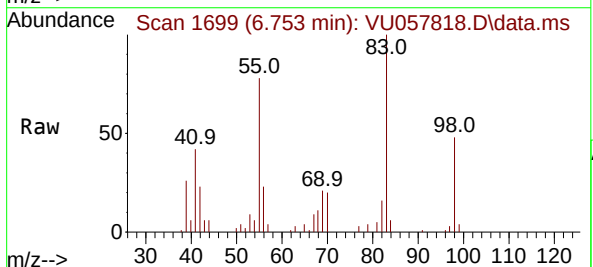
RT: 6.753 min Scan# 1699

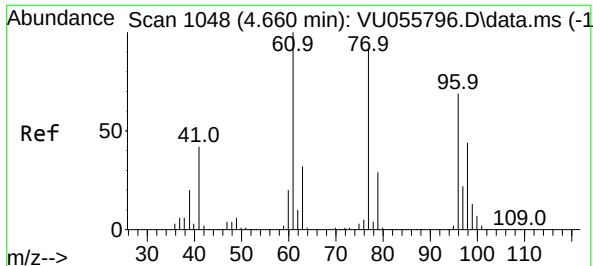
Delta R.T. 0.003 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

Tgt Ion:	83	Resp:	20703
Ion Ratio	100	Lower	Upper
83	100		
55	75.3	63.5	95.3
98	44.7	36.0	54.0





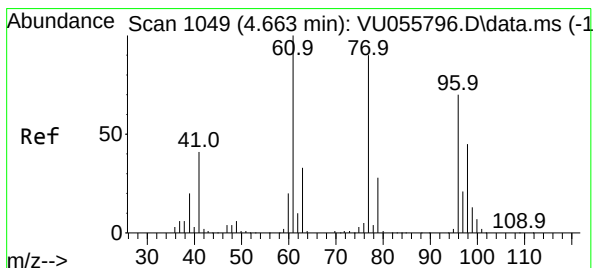
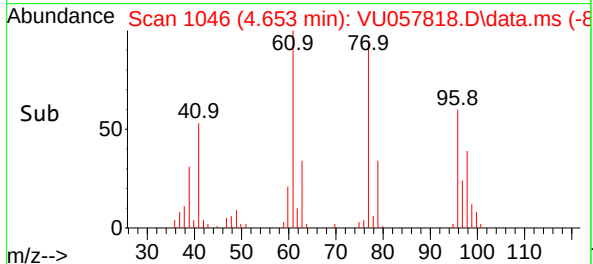
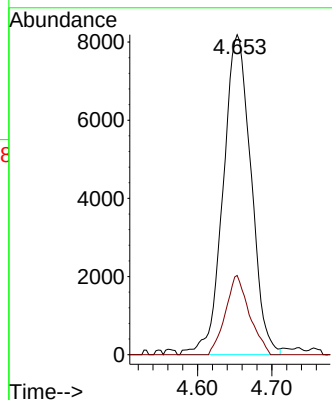
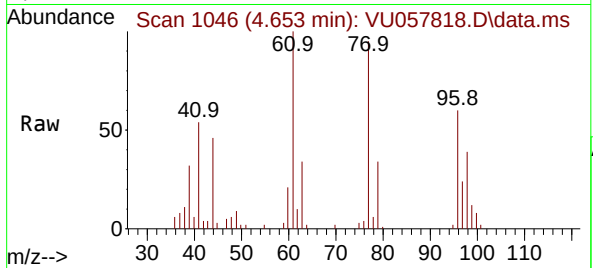
#21
2,2-Dichloropropane
Concen: 1.061 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.007 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

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

Tgt Ion: 77 Resp: 21344
Ion Ratio Lower Upper
77 100
97 21.2 18.4 27.6

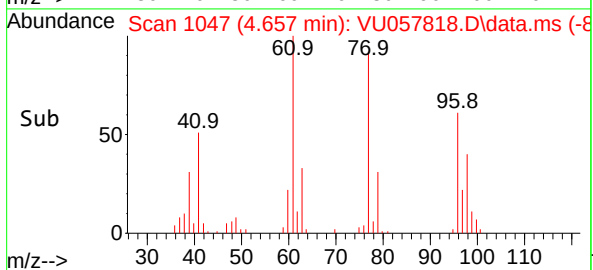
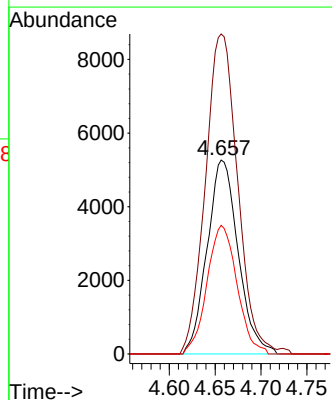
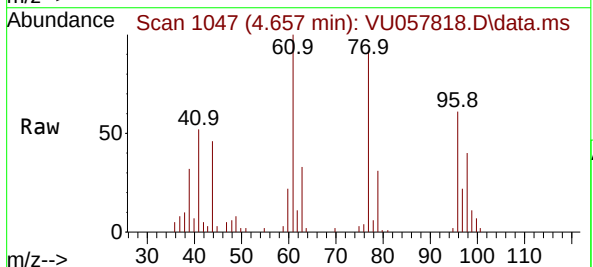
Manual Integrations
APPROVED

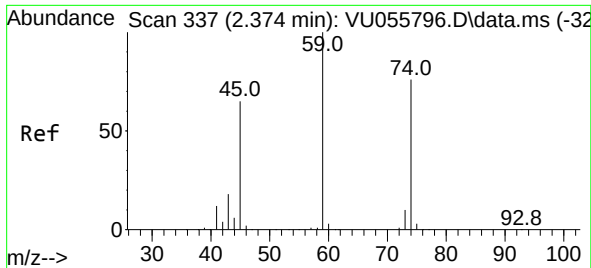
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#22
cis-1,2-Dichloroethene
Concen: 1.012 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. 0.007 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

Tgt Ion: 96 Resp: 12391
Ion Ratio Lower Upper
96 100
61 171.0 0.0 365.8
98 64.0 32.0 96.0





#23

Diethyl Ether

Concen: 1.160 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

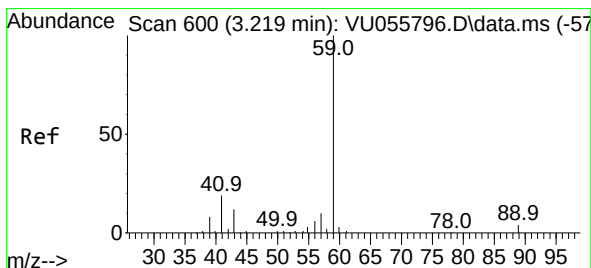
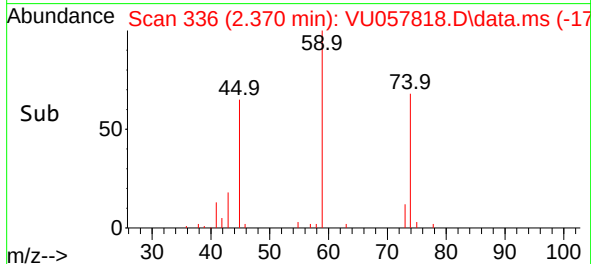
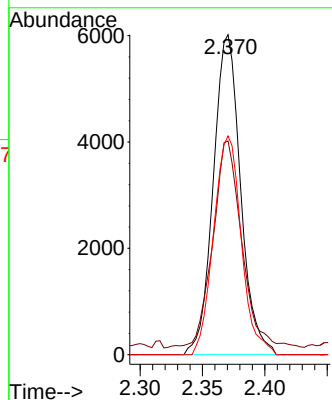
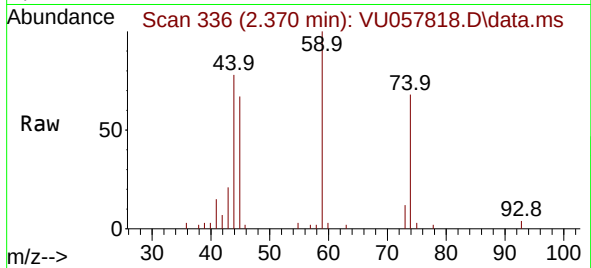
Tgt Ion: 59	Resp: 917
Ion Ratio	Lower Upper
59	100
45	68.0 56.1 84.1
74	69.3 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#24

tert-Butyl Alcohol

Concen: 8.160 ug/l m

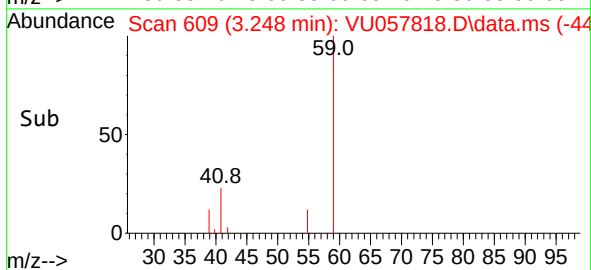
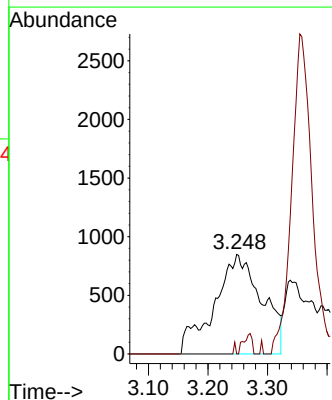
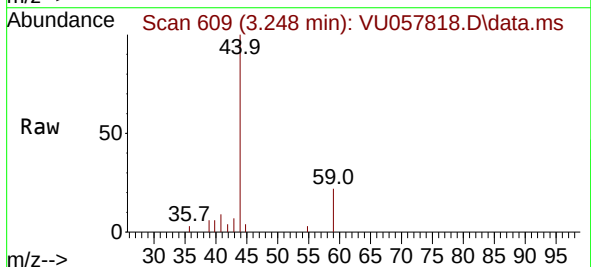
RT: 3.248 min Scan# 609

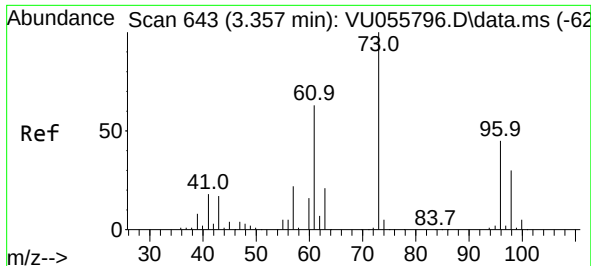
Delta R.T. 0.016 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

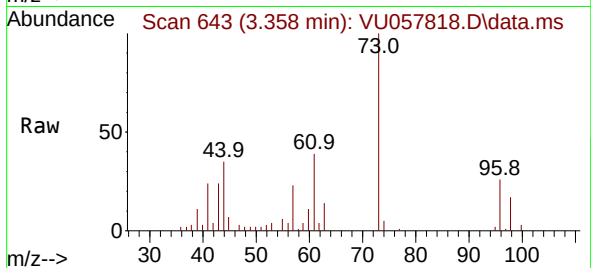
Tgt Ion: 59	Resp: 4681
Ion Ratio	Lower Upper
59	100
57	0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 1.073 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

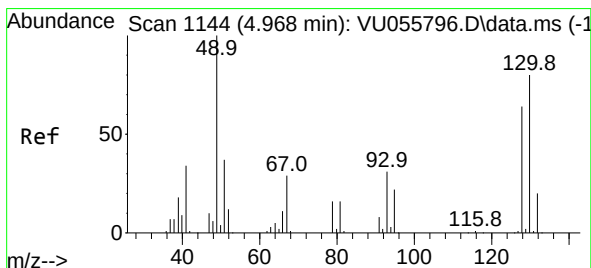
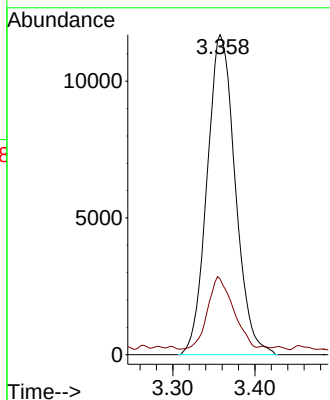
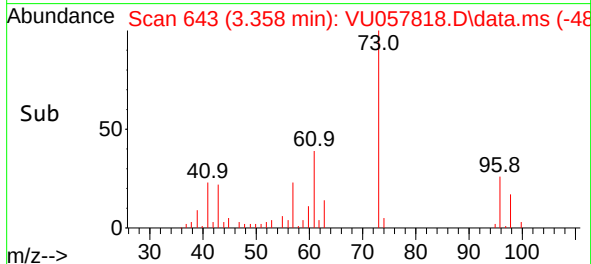
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



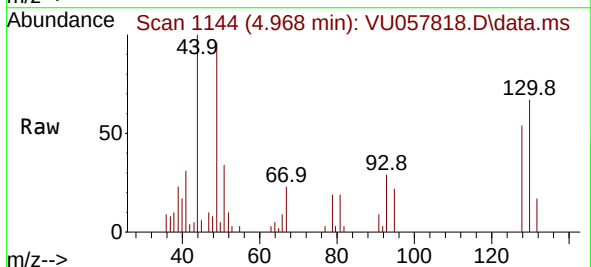
Tgt Ion: 73 Resp: 2800
Ion Ratio Lower Upper
73 100
43 20.4 15.0 22.6

Manual Integrations
APPROVED

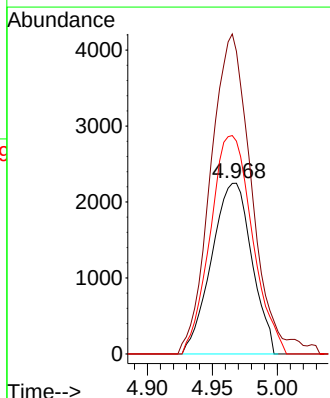
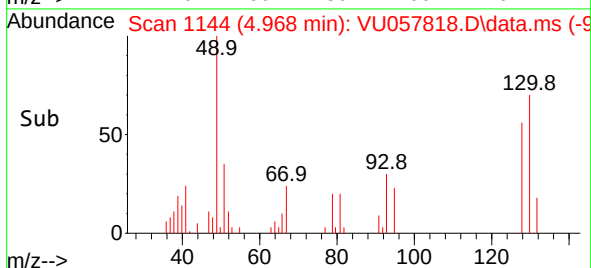
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

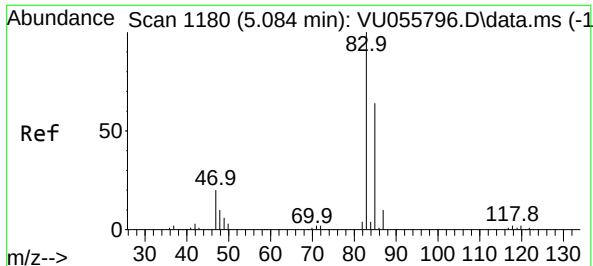


#26
Bromochloromethane
Concen: 1.017 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.010 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07



Tgt Ion:128 Resp: 4846
Ion Ratio Lower Upper
128 100
49 191.2 0.0 324.6
130 133.7 103.0 154.4





#27

Chloroform

Concen: 1.063 ug/l

RT: 5.078 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 83 Resp: 2370

Ion Ratio Lower Upper

83 100

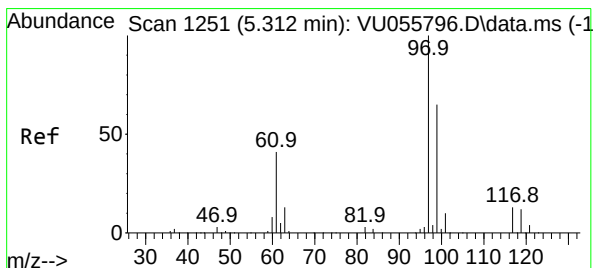
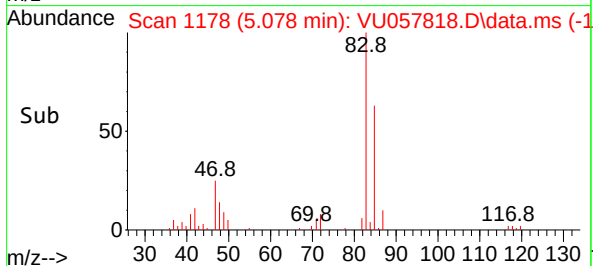
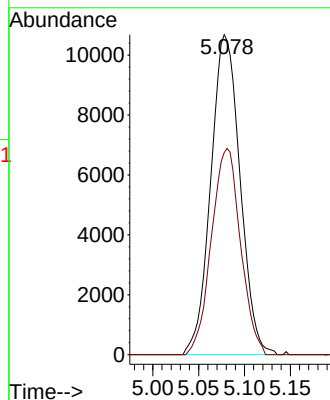
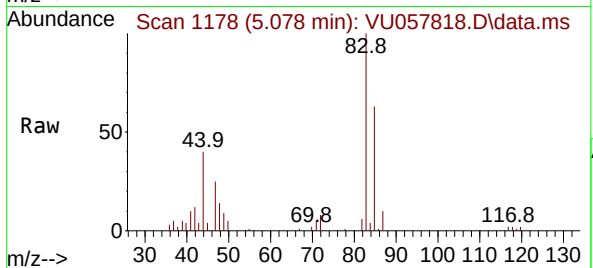
85 63.1 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#28

1,1,1-Trichloroethane

Concen: 1.025 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

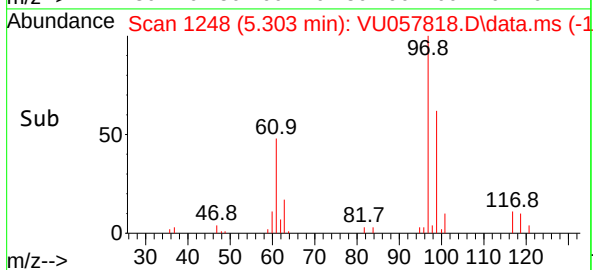
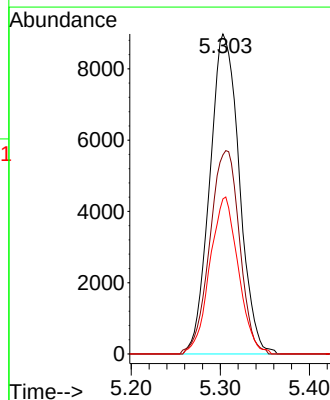
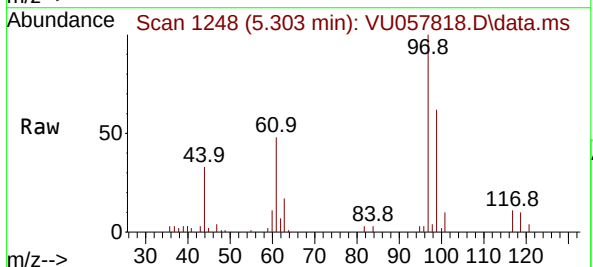
Tgt Ion: 97 Resp: 20686

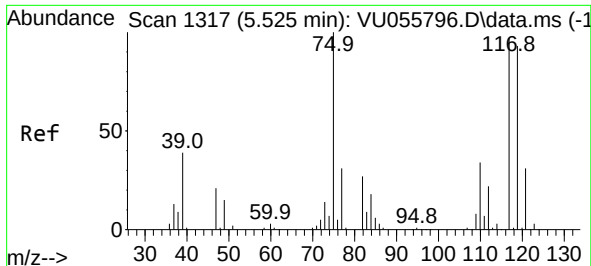
Ion Ratio Lower Upper

97 100

99 64.0 32.0 96.2

61 47.4 22.9 68.5





#29

1,1-Dichloropropene

Concen: 1.006 ug/l

RT: 5.515 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 75 Resp: 1668

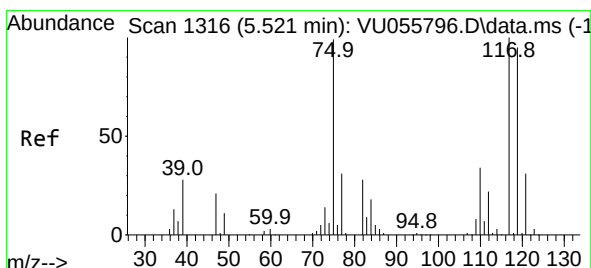
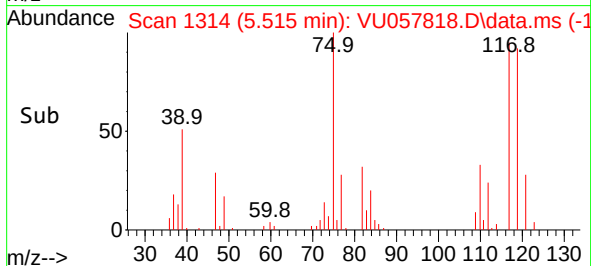
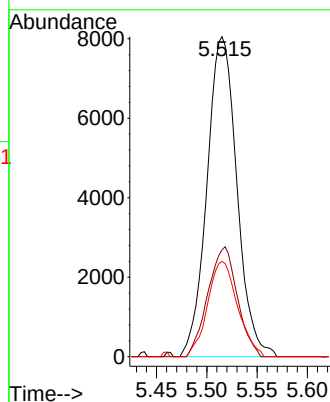
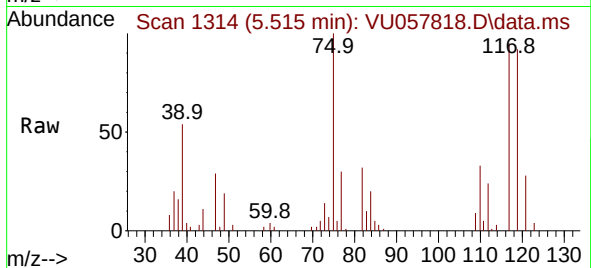
Ion	Ratio	Lower	Upper
75	100		
110	33.7	18.0	54.0
77	29.7	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#30

Carbon Tetrachloride

Concen: 0.996 ug/l

RT: 5.512 min Scan# 1313

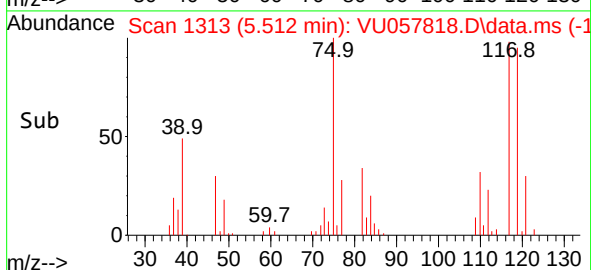
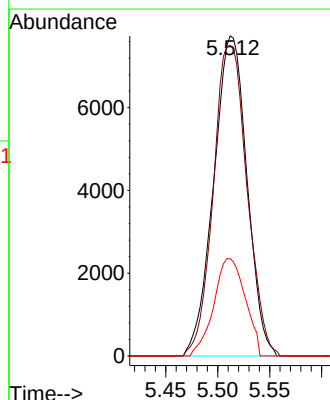
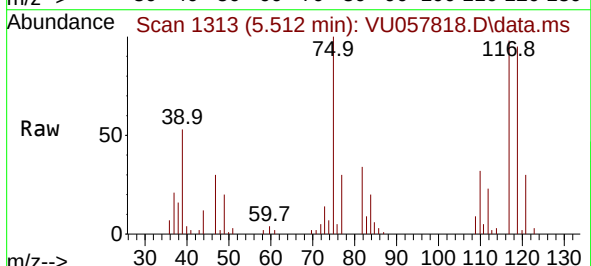
Delta R.T. 0.003 min

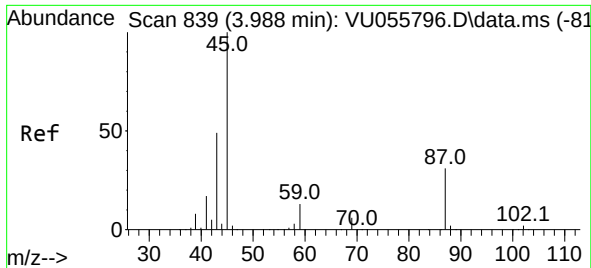
Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

Tgt Ion:117 Resp: 17238

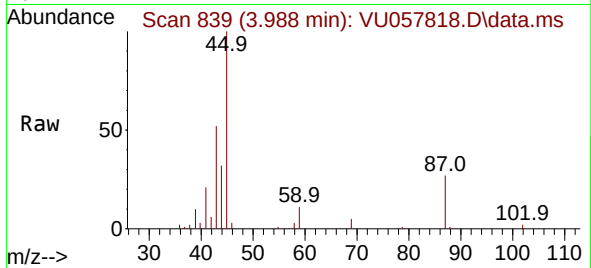
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.4	116.0
121	30.4	24.0	36.0





#31
Isopropyl Ether
Concen: 1.069 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

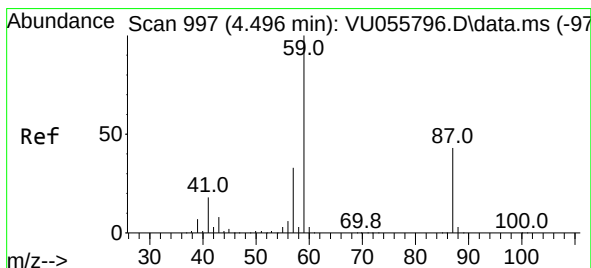
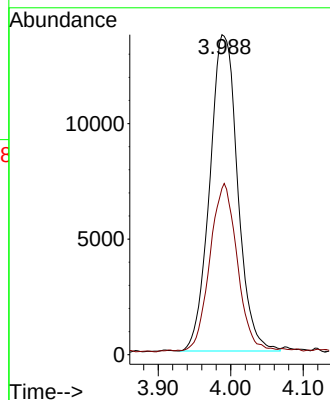
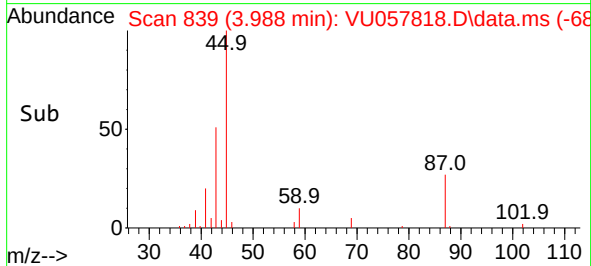
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



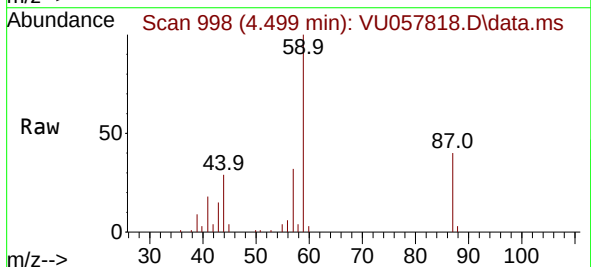
Tgt Ion: 45 Resp: 3665
Ion Ratio Lower Upper
45 100
43 51.1 27.5 82.5

Manual Integrations
APPROVED

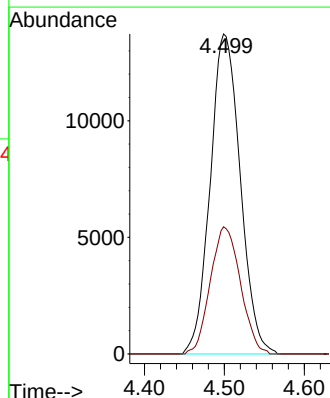
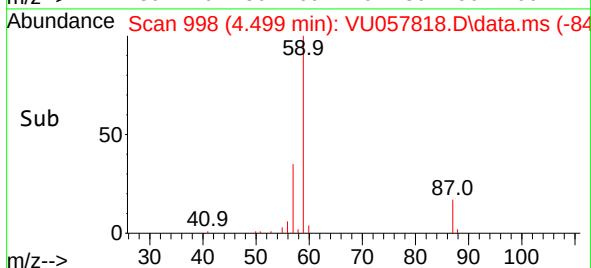
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

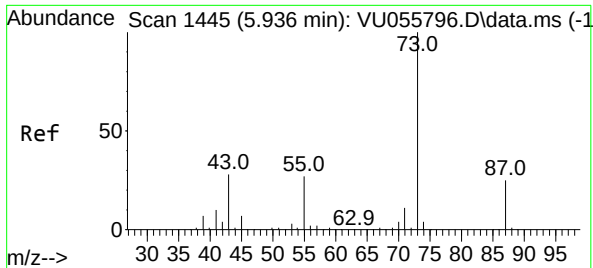


#32
Ethyl-t-butyl ether
Concen: 1.061 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07



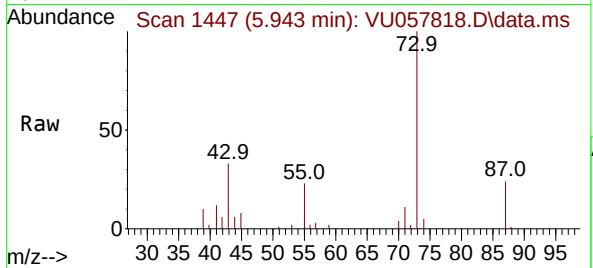
Tgt Ion: 59 Resp: 35798
Ion Ratio Lower Upper
59 100
87 39.8 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 1.043 ug/l
RT: 5.943 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

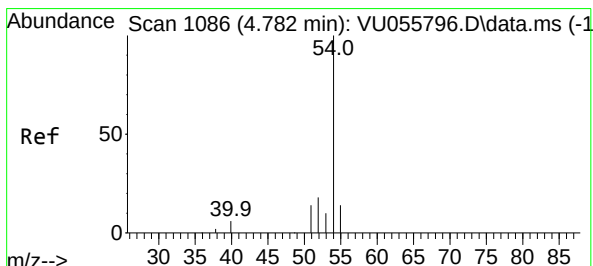
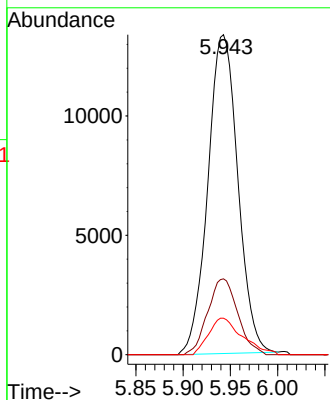
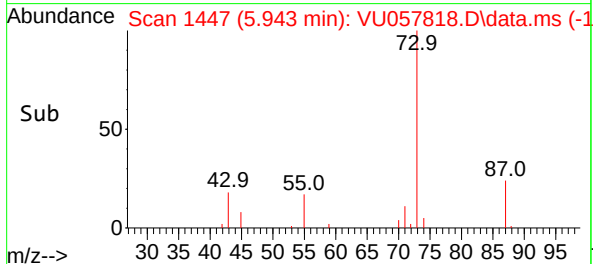
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 73 Resp: 29474
Ion Ratio Lower Upper
73 100
87 23.8 18.6 28.0
71 12.9 9.9 14.9

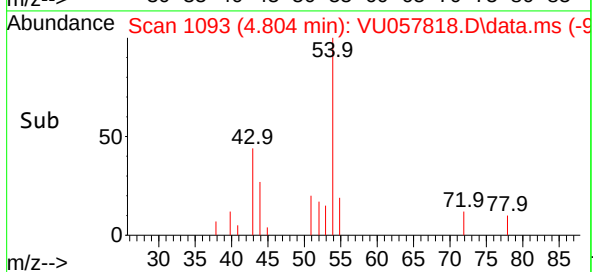
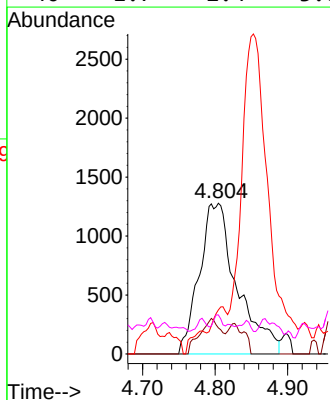
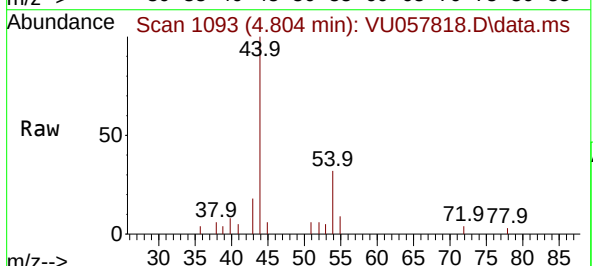
Manual Integrations
APPROVED

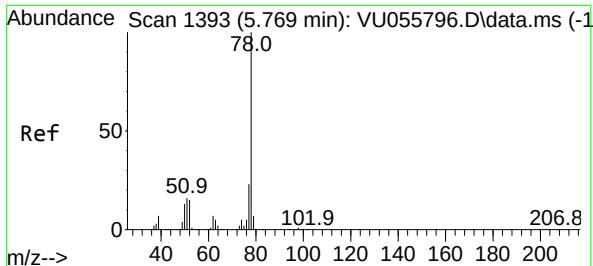
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#34
Propionitrile
Concen: 5.858 ug/l m
RT: 4.804 min Scan# 1093
Delta R.T. 0.019 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

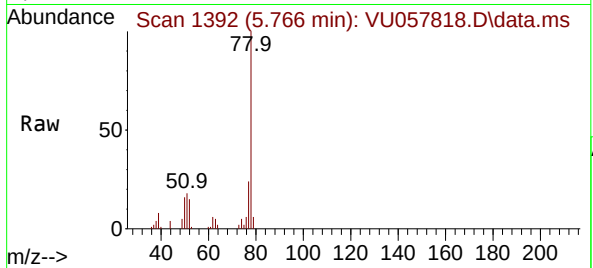
Tgt Ion: 54 Resp: 4643
Ion Ratio Lower Upper
54 100
52 13.3 17.4 26.0#
55 0.0 104.1 156.1#
40 1.7 2.4 3.6#





#35
Benzene
Concen: 1.037 ug/l
RT: 5.766 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

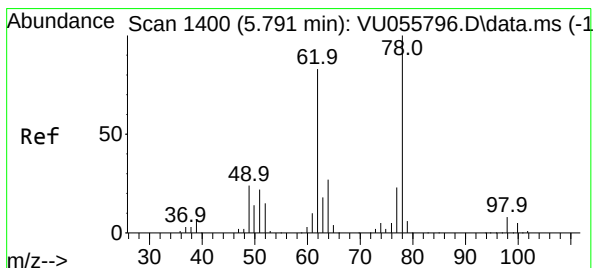
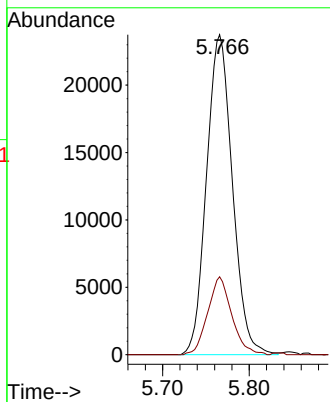
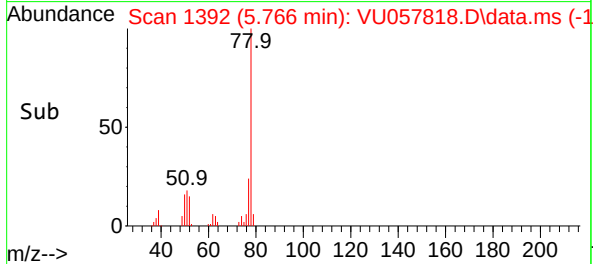
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 78 Resp: 49284
Ion Ratio Lower Upper
78 100
77 24.3 18.9 28.3

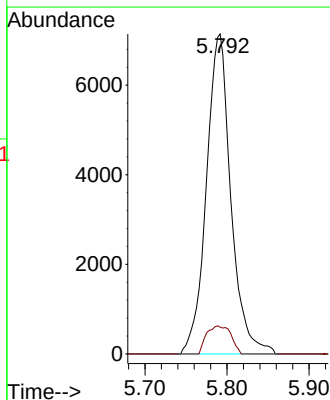
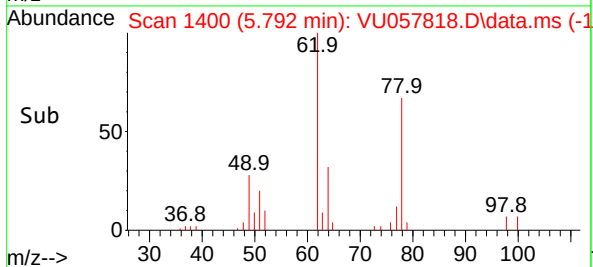
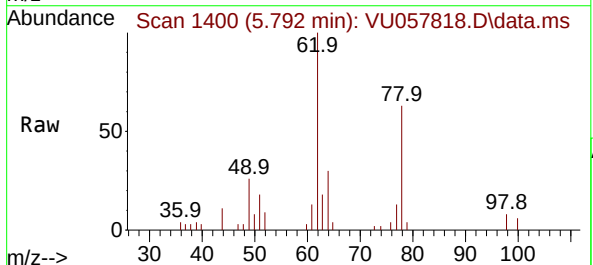
Manual Integrations
APPROVED

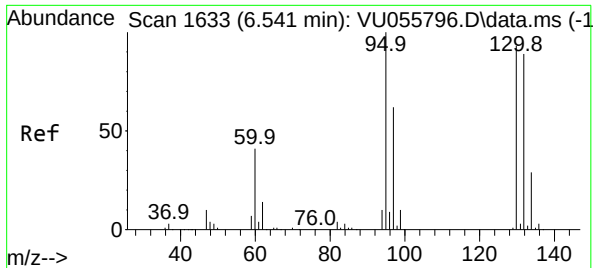
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#36
1,2-Dichloroethane
Concen: 1.067 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.007 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

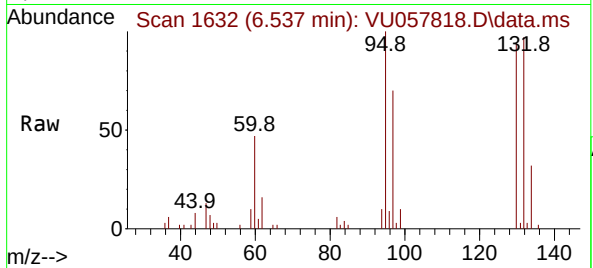
Tgt Ion: 62 Resp: 14821
Ion Ratio Lower Upper
62 100
98 8.7 7.3 10.9





#37
Trichloroethene
Concen: 0.991 ug/l
RT: 6.537 min Scan# 1710
Delta R.T. 0.007 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

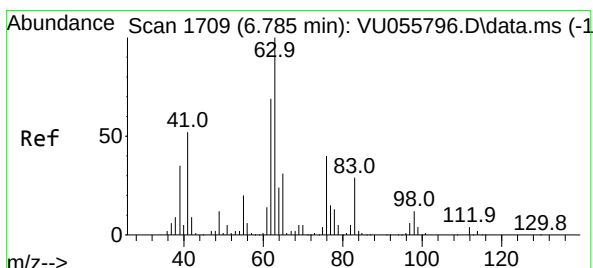
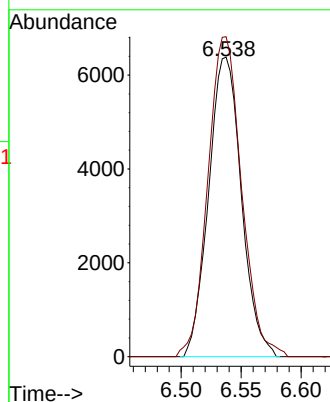
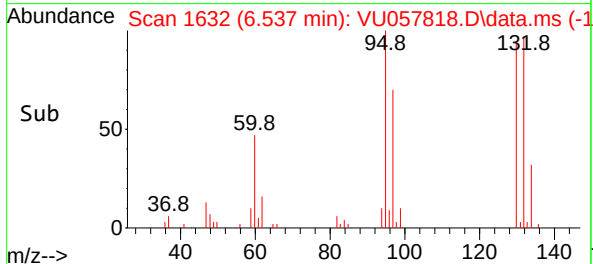
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



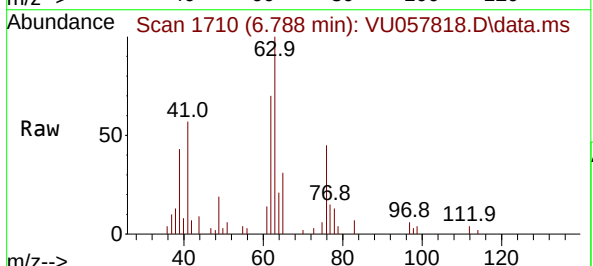
Tgt Ion:130 Resp: 12120
Ion Ratio Lower Upper
130 100
95 104.7 85.0 127.6

Manual Integrations
APPROVED

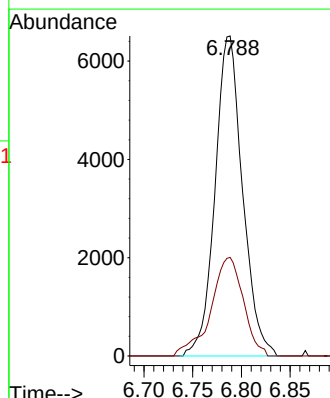
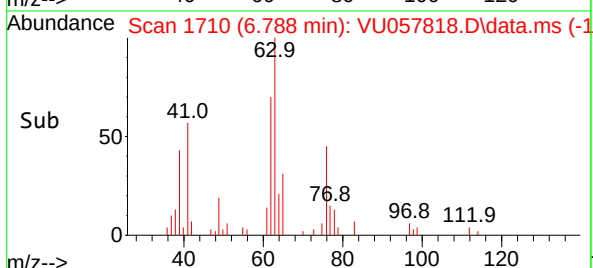
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

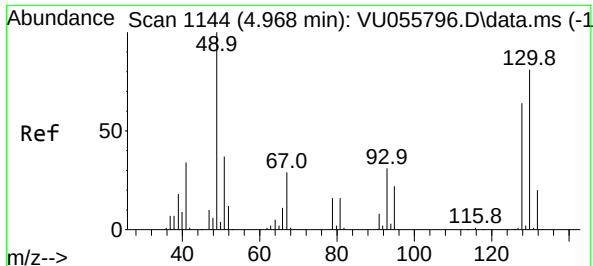


#38
1,2-Dichloropropane
Concen: 1.017 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07



Tgt Ion: 63 Resp: 12781
Ion Ratio Lower Upper
63 100
65 30.8 24.9 37.3





#39

Methacrylonitrile

Concen: 1.055 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.007 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

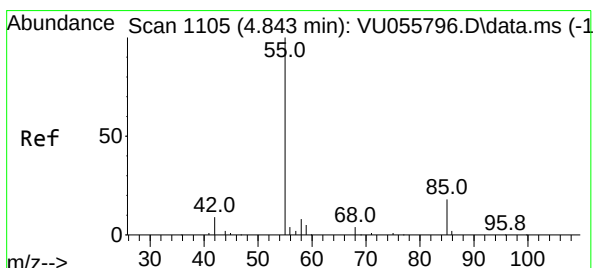
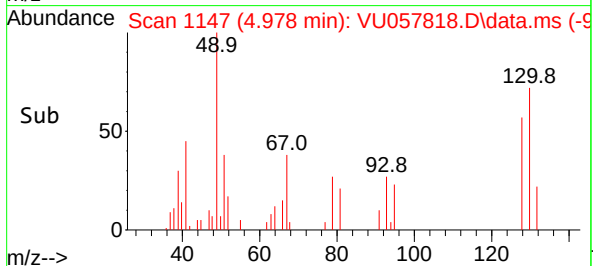
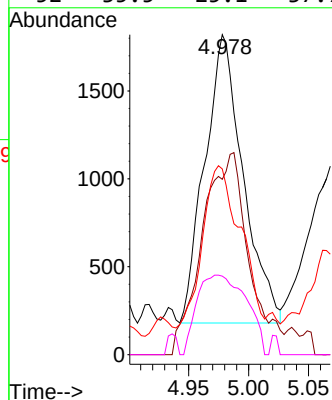
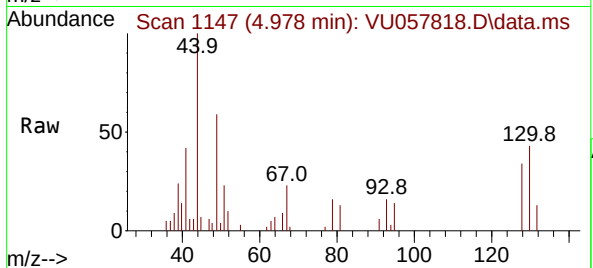
Tgt Ion: 41	Resp: 364
Ion Ratio	Lower Upper
41 100	
67 84.9	66.8 100.2
39 56.6	41.2 61.8
52 35.5	25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#40

Methyl acrylate

Concen: 1.070 ug/l

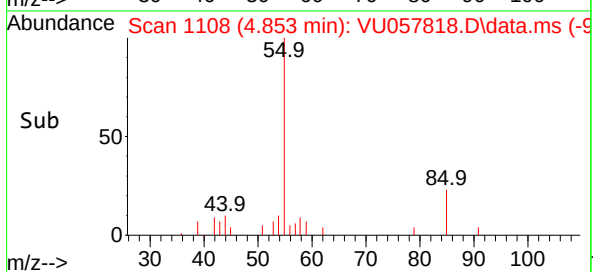
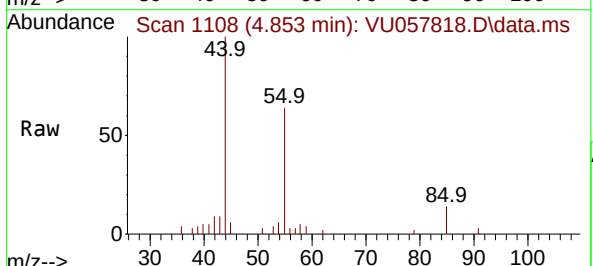
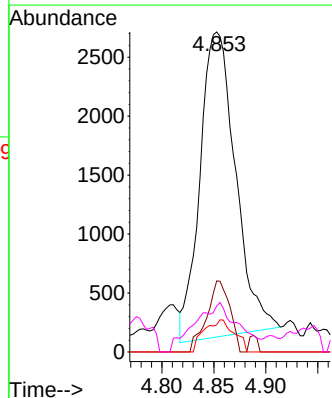
RT: 4.853 min Scan# 1108

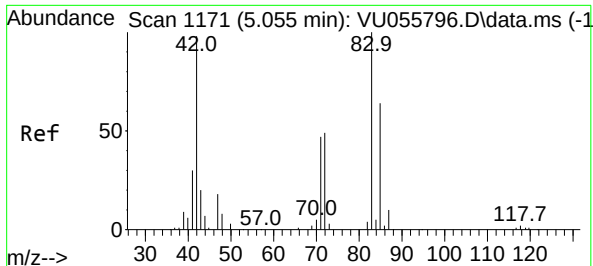
Delta R.T. 0.010 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

Tgt Ion: 55	Resp: 6157
Ion Ratio	Lower Upper
55 100	
85 15.1	13.3 19.9
58 8.9	6.5 9.7
42 19.9	5.9 8.9





#41

Tetrahydrofuran

Concen: 2.068 ug/l

RT: 5.065 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

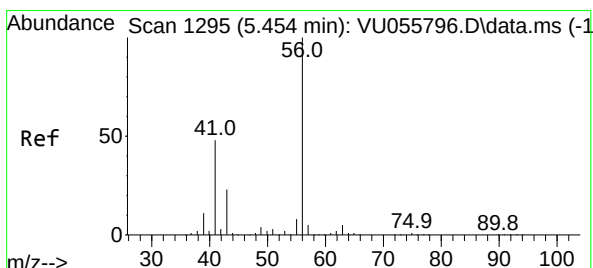
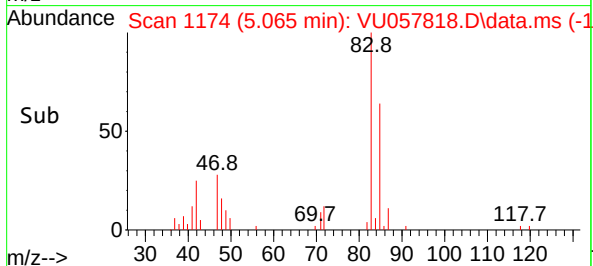
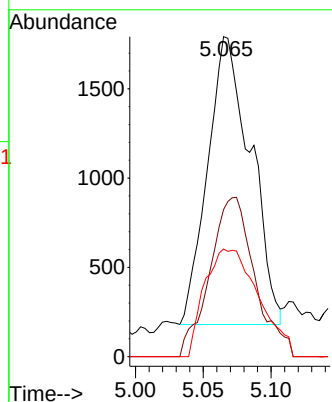
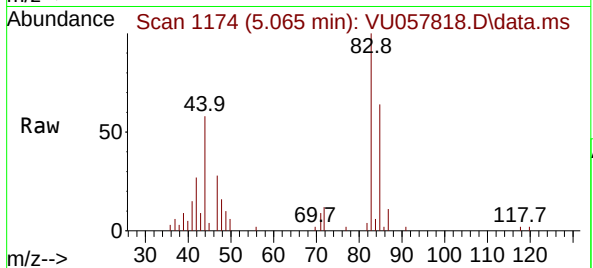
Tgt Ion:	42	Resp:	355
Ion Ratio	Lower	Upper	
42	100		
72	57.6	40.9	61.3
71	46.5	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#42

1-Chlorobutane

Concen: 1.048 ug/l

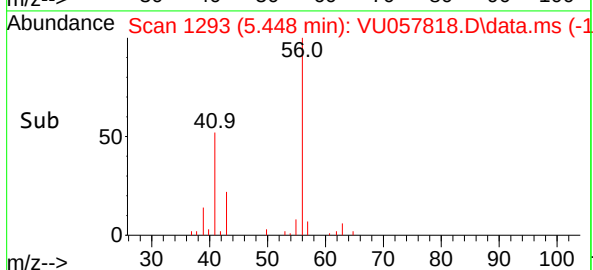
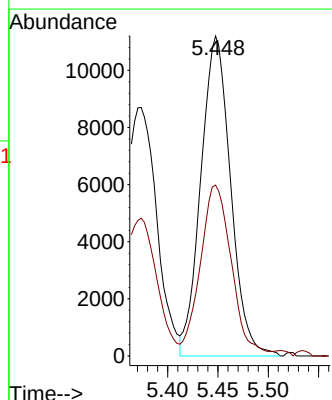
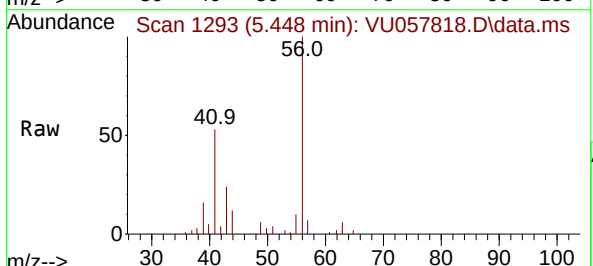
RT: 5.448 min Scan# 1293

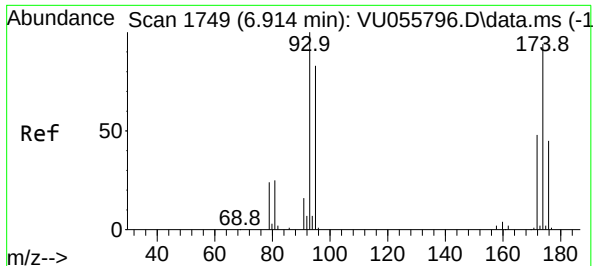
Delta R.T. 0.003 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

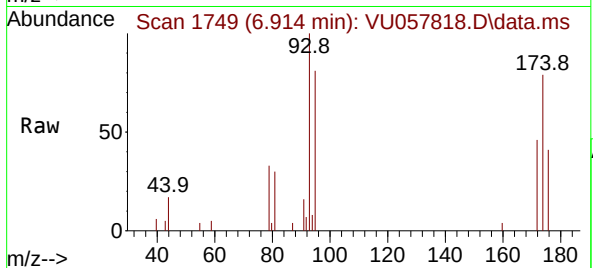
Tgt Ion:	56	Resp:	23087
Ion Ratio	Lower	Upper	
56	100		
41	52.2	25.2	75.6





#43
Dibromomethane
Concen: 1.042 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

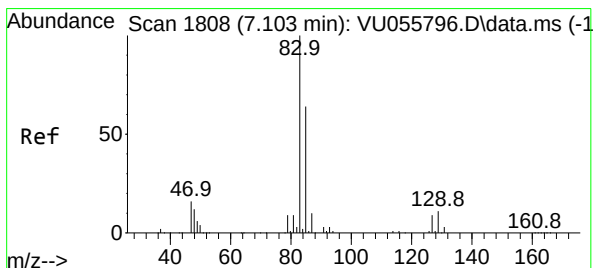
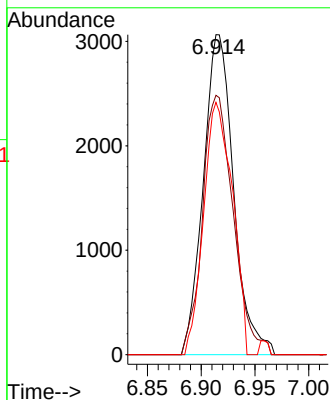
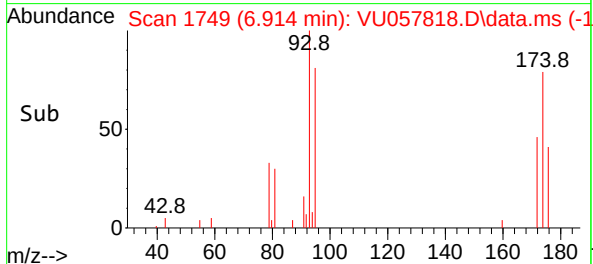
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:	93	Resp:	601
Ion	Ratio	Lower	Upper
93	100		
95	82.5	67.0	100.6
174	75.2	73.8	110.6

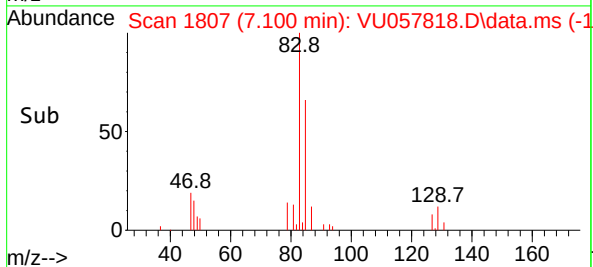
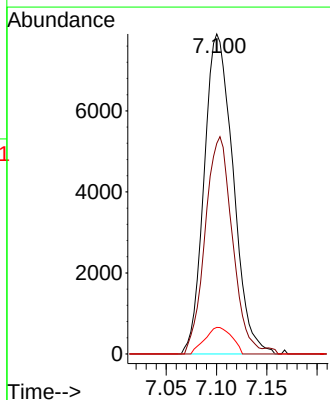
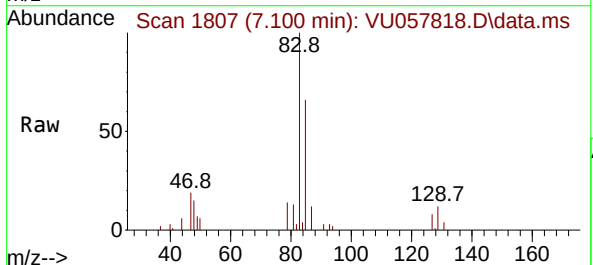
Manual Integrations
APPROVED

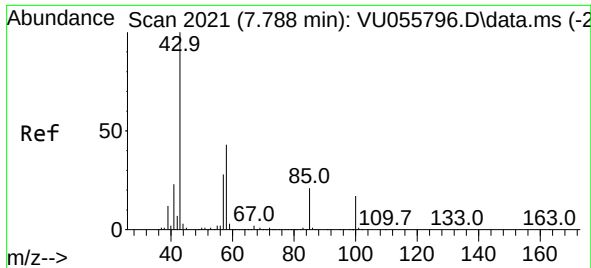
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#44
Bromodichloromethane
Concen: 1.009 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

Tgt Ion:	83	Resp:	15815
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.9	77.9
127	8.3	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 5.081 ug/l

RT: 7.798 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

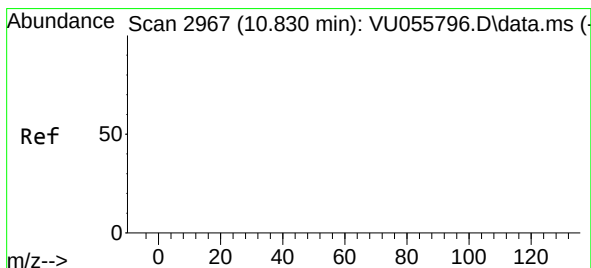
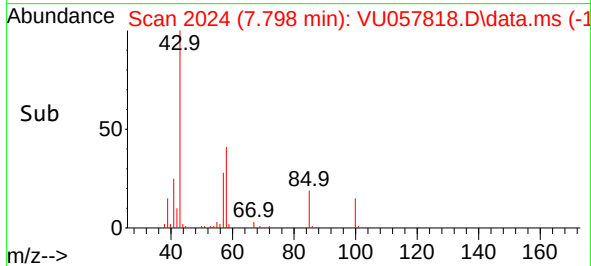
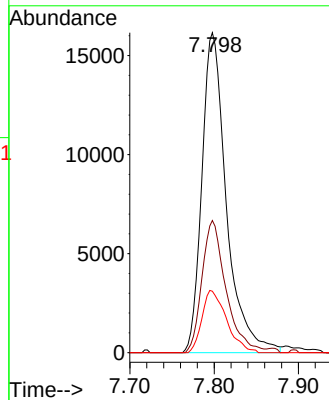
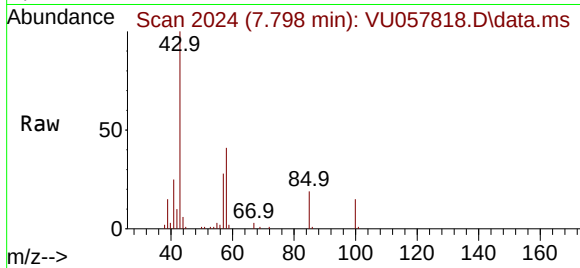
Tgt Ion:	43	Resp:	3276
Ion	Ratio	Lower	Upper
43	100		
58	40.5	20.9	62.8
85	19.5	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#46

t-1,4-Dichloro-2-butene

Concen: 1.735 ug/l m

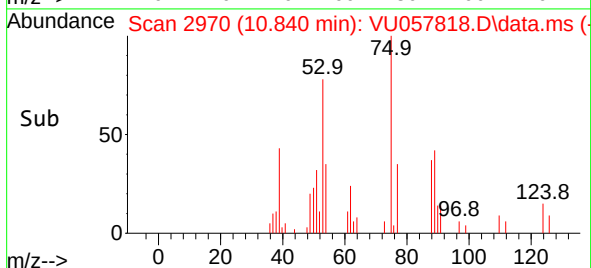
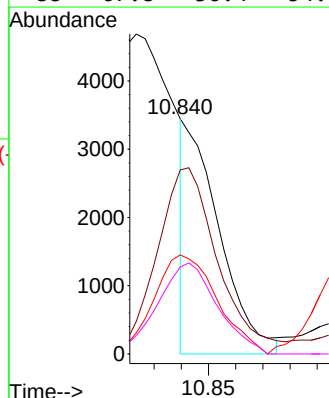
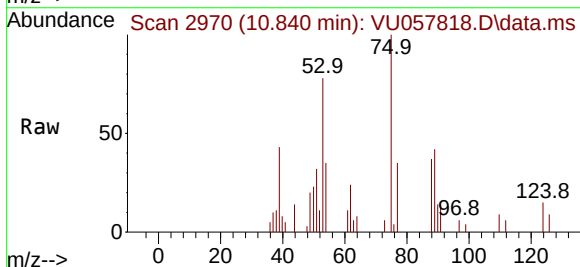
RT: 10.840 min Scan# 2970

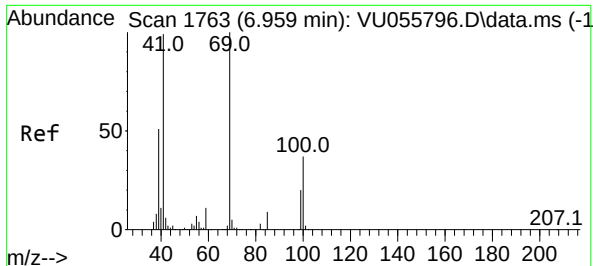
Delta R.T. 0.003 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

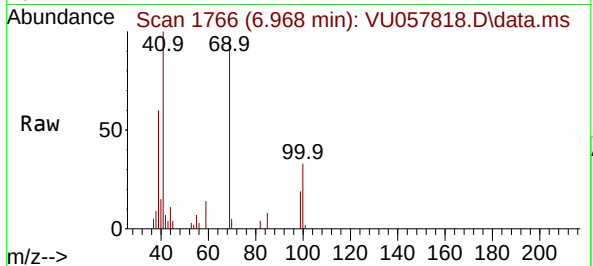
Tgt Ion:	75	Resp:	3001
Ion	Ratio	Lower	Upper
75	100		
53	141.5	73.3	109.9#
89	77.8	48.2	72.4#
88	67.8	36.4	54.6#





#47
Methyl methacrylate
Concen: 2.076 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.007 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

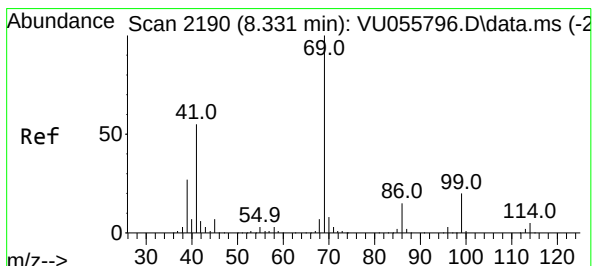
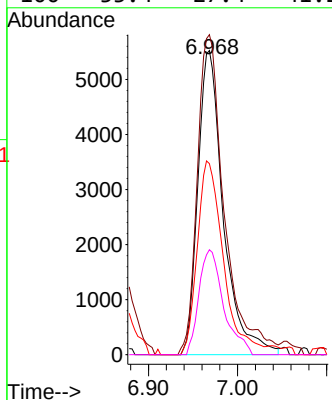
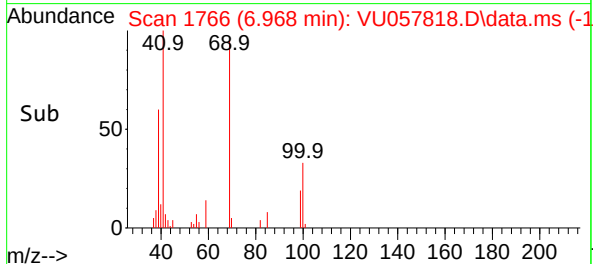
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



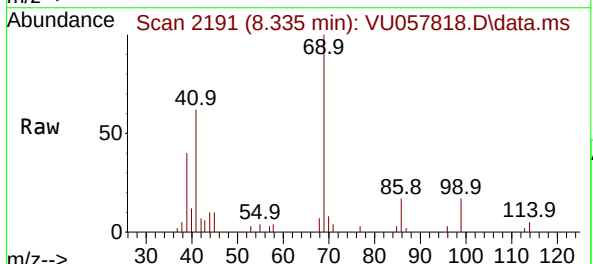
Tgt Ion: 69 Resp: 10980
Ion Ratio Lower Upper
69 100
41 111.8 0.0 209.2
39 65.1 46.7 70.1
100 33.4 27.4 41.2

Manual Integrations
APPROVED

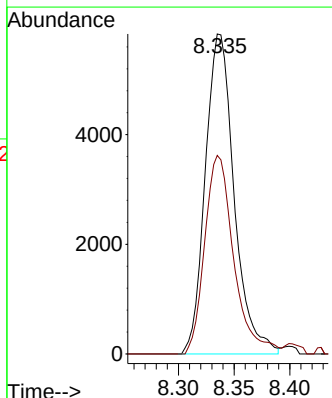
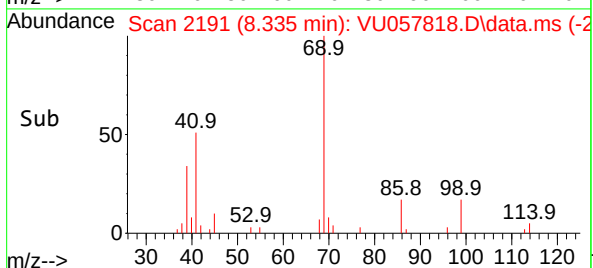
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

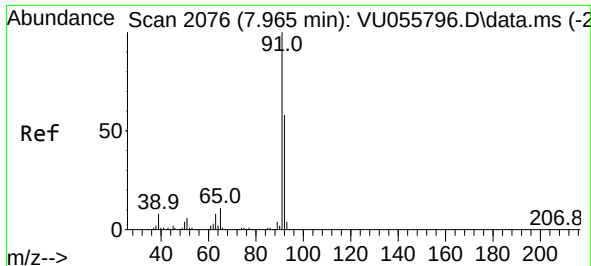


#48
Ethyl methacrylate
Concen: 0.993 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07



Tgt Ion: 69 Resp: 10535
Ion Ratio Lower Upper
69 100
41 62.5 30.3 90.8





#49

Toluene

Concen: 1.027 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057818.D

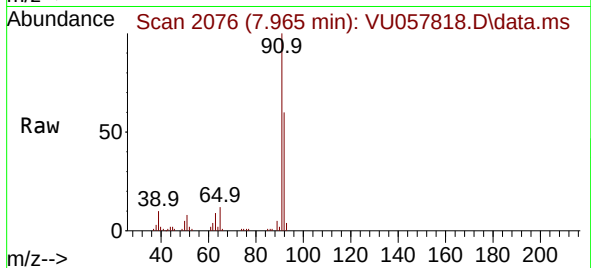
Acq: 06 Feb 2024 13:07

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 92 Resp: 2949

Ion Ratio Lower Upper

92 100

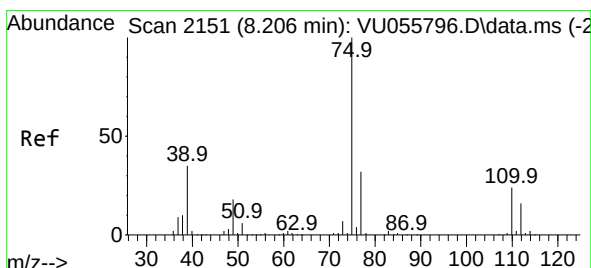
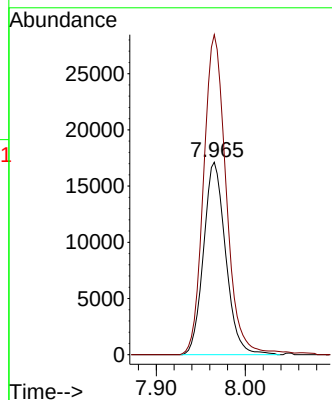
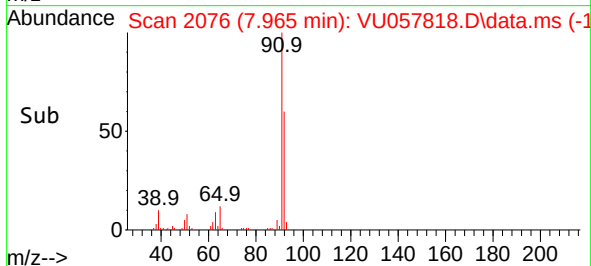
91 170.4 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#50

t-1,3-Dichloropropene

Concen: 0.940 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU057818.D

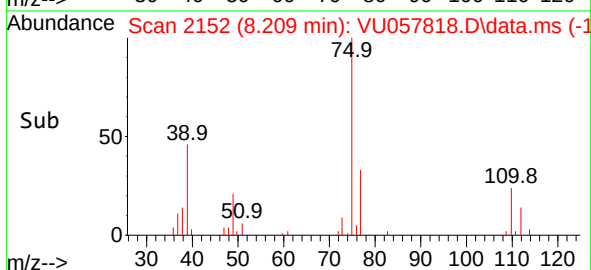
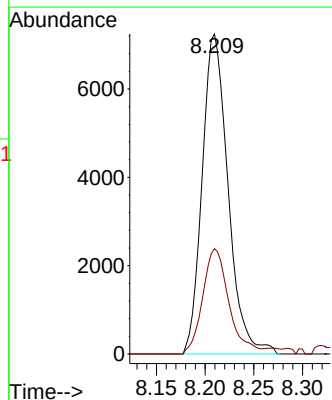
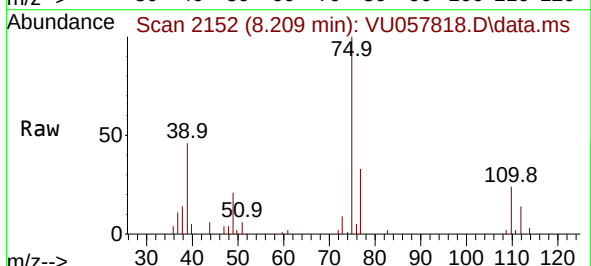
Acq: 06 Feb 2024 13:07

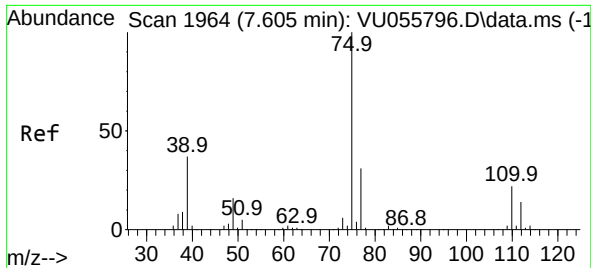
Tgt Ion: 75 Resp: 13408

Ion Ratio Lower Upper

75 100

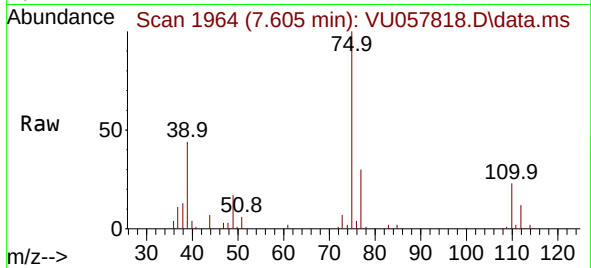
77 32.9 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.980 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.003 min
 Lab File: VU057818.D
 Acq: 06 Feb 2024 13:07

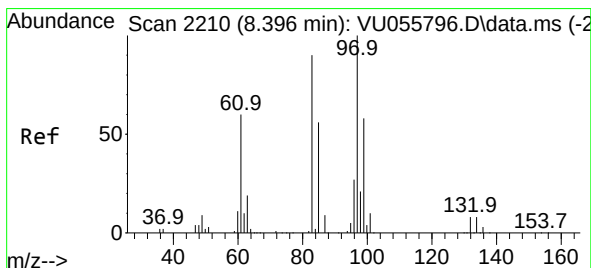
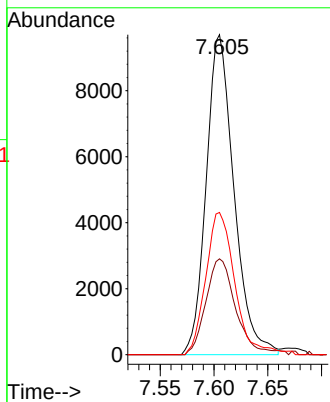
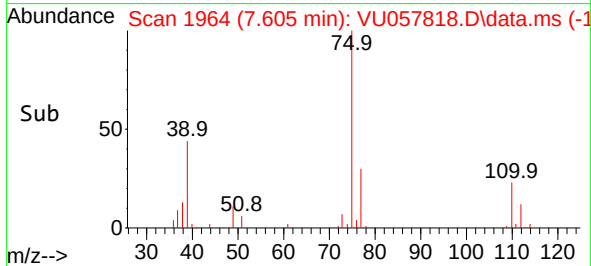
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 17434
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.7 38.5
 39 44.4 32.8 49.2

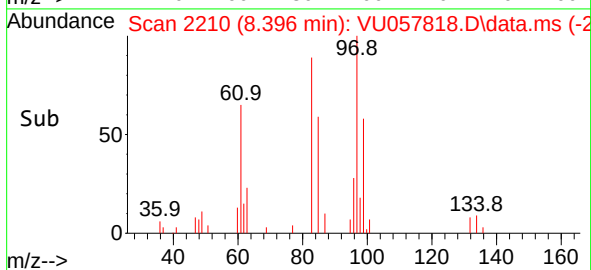
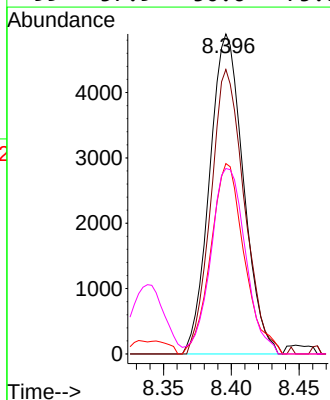
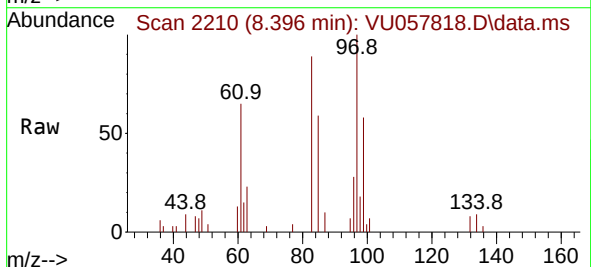
Manual Integrations
 APPROVED

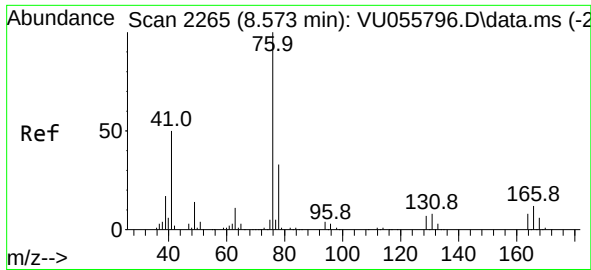
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#52
 1,1,2-Trichloroethane
 Concen: 1.069 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU057818.D
 Acq: 06 Feb 2024 13:07

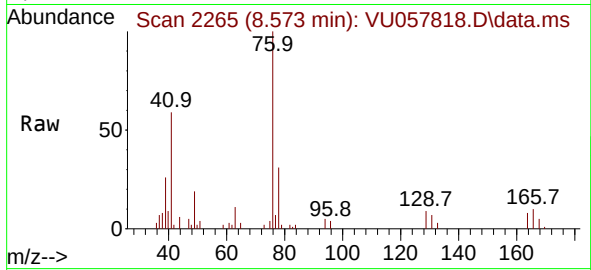
Tgt Ion: 97 Resp: 8490
 Ion Ratio Lower Upper
 97 100
 83 88.9 71.8 107.8
 85 59.5 45.2 67.8
 99 57.9 50.6 75.8





#53
1,3-Dichloropropane
Concen: 1.018 ug/l
RT: 8.573 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

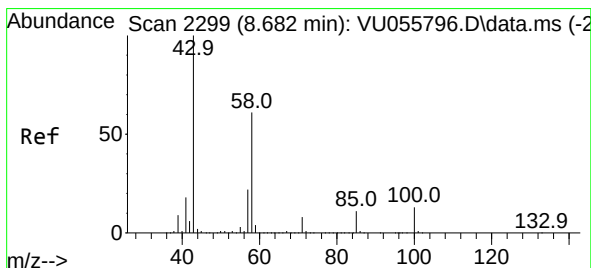
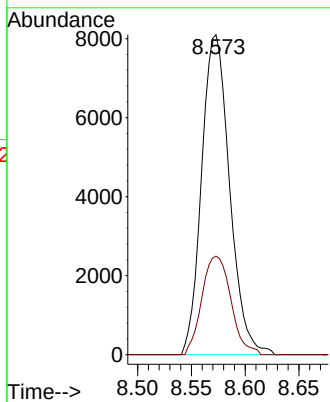
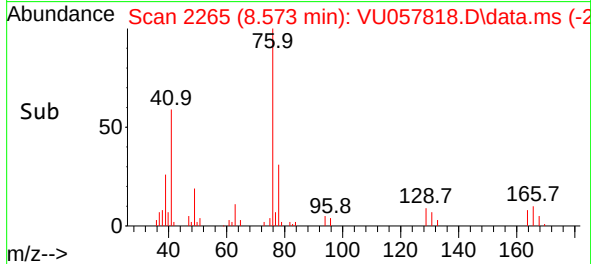
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 76 Resp: 1467
Ion Ratio Lower Upper
76 100
78 31.9 25.9 38.9

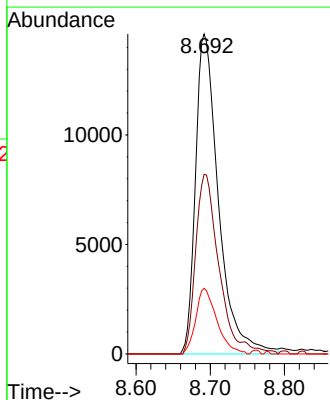
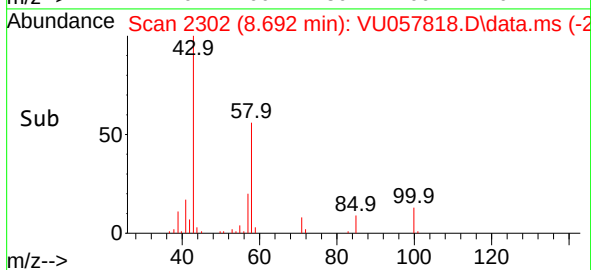
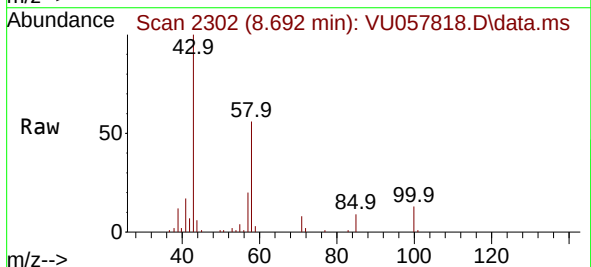
Manual Integrations
APPROVED

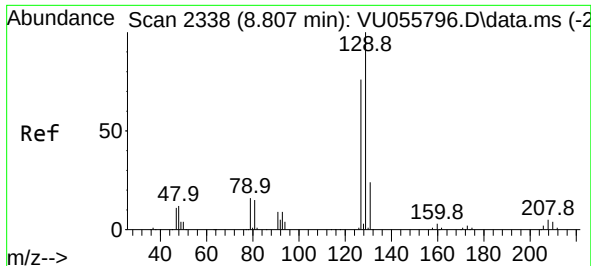
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#54
2-Hexanone
Concen: 5.047 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.007 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

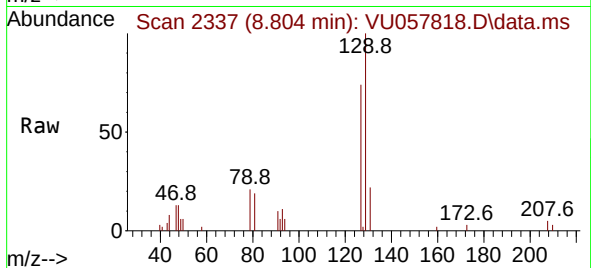
Tgt Ion: 43 Resp: 31514
Ion Ratio Lower Upper
43 100
58 56.9 38.2 78.2
57 18.8 0.0 39.1





#55
Dibromochloromethane
Concen: 0.956 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

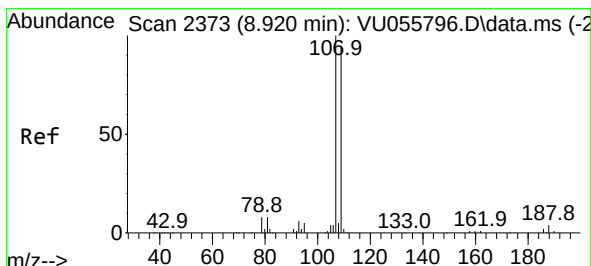
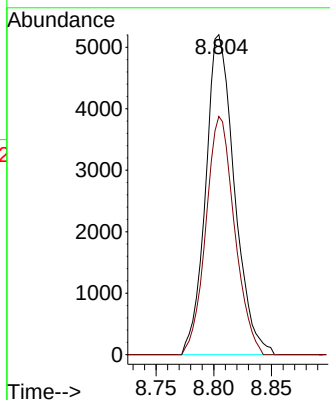
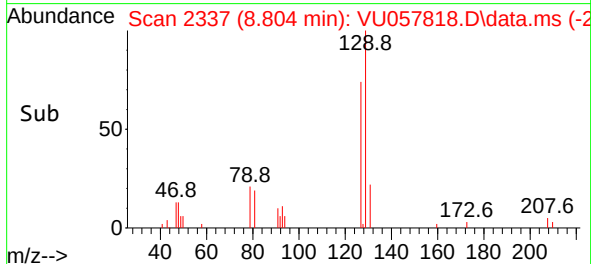
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:129 Resp: 906
Ion Ratio Lower Upper
129 100
127 73.7 61.4 92.0

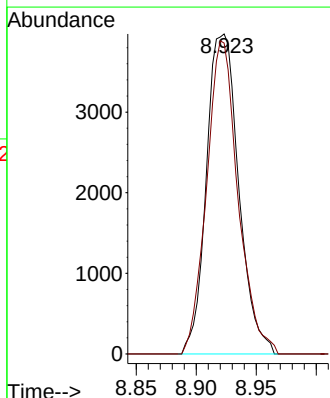
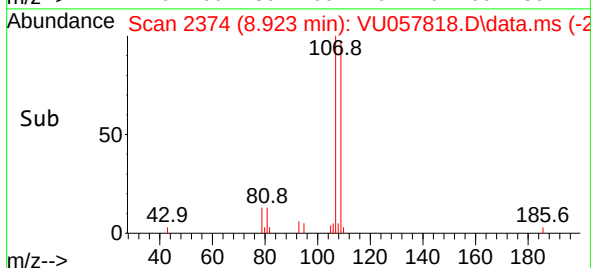
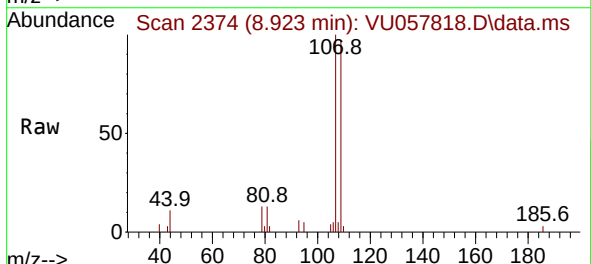
Manual Integrations
APPROVED

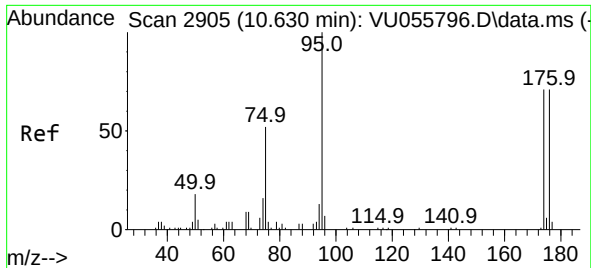
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#56
1,2-Dibromoethane
Concen: 1.001 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.007 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

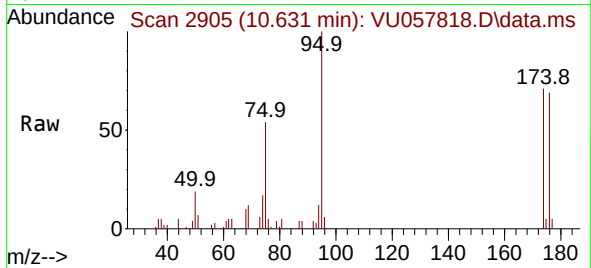
Tgt Ion:107 Resp: 7448
Ion Ratio Lower Upper
107 100
109 94.9 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.951 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

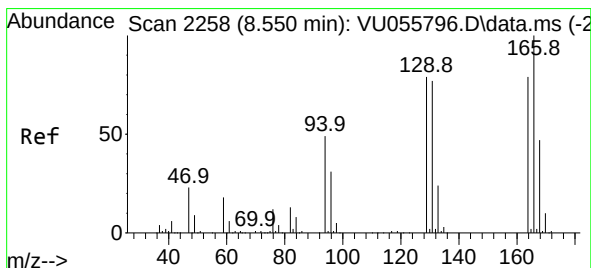
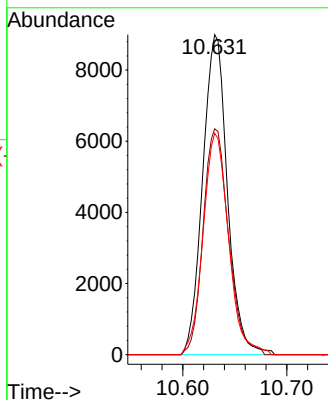
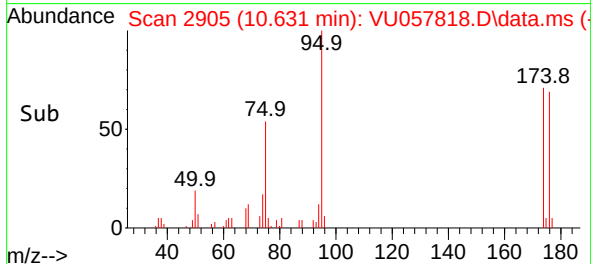
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



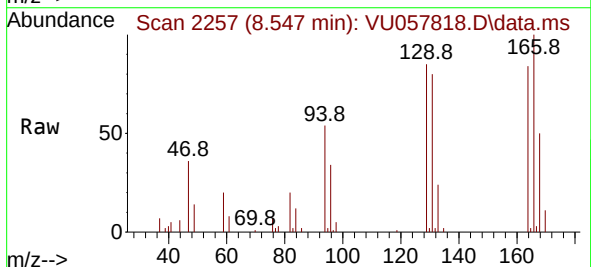
Tgt Ion: 95 Resp: 1485
Ion Ratio Lower Upper
95 100
174 72.5 63.3 94.9
176 71.2 59.3 88.9

Manual Integrations
APPROVED

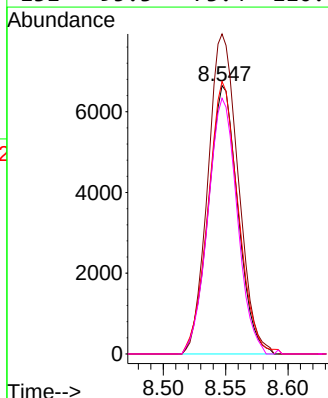
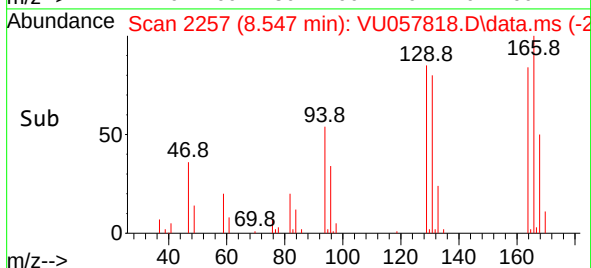
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

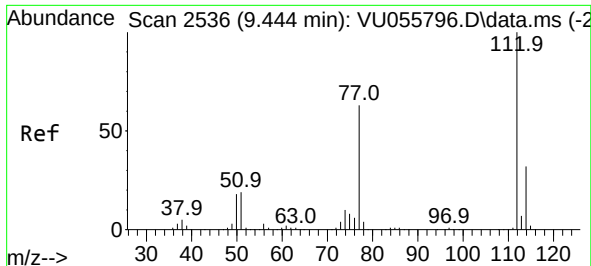


#58
Tetrachloroethene
Concen: 1.033 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07



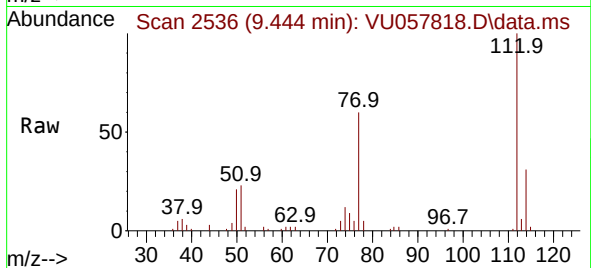
Tgt Ion:164 Resp: 10959
Ion Ratio Lower Upper
164 100
166 119.3 99.6 149.4
129 101.6 78.6 117.8
131 95.3 73.4 110.0





#59
Chlorobenzene
Concen: 1.002 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

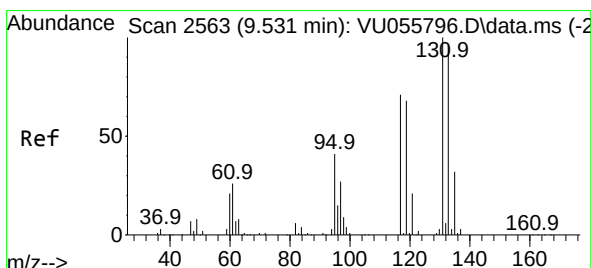
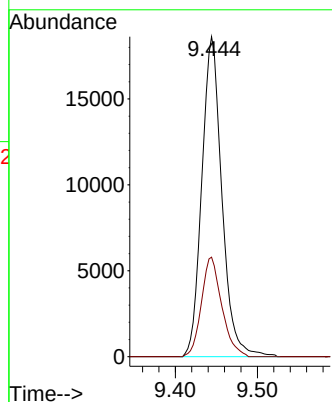
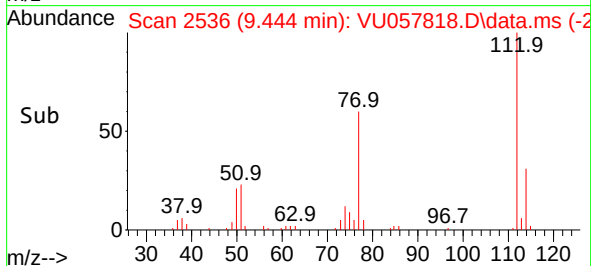
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



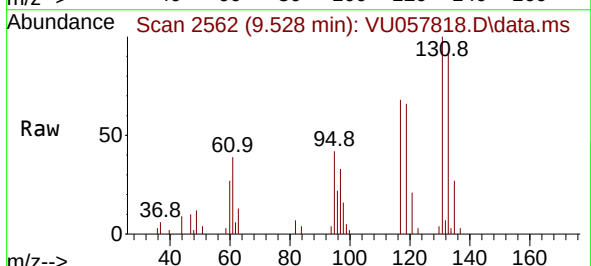
Tgt Ion:112 Resp: 3165
Ion Ratio Lower Upper
112 100
114 31.1 25.6 38.4

Manual Integrations
APPROVED

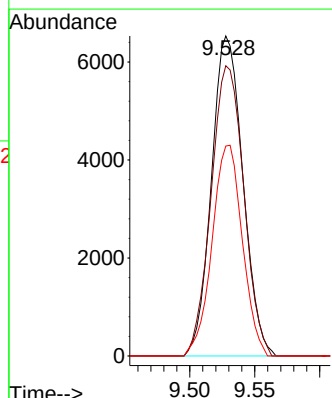
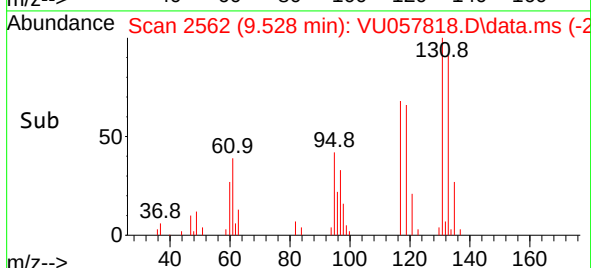
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

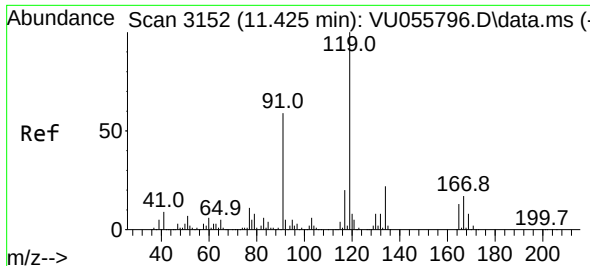


#60
1,1,1,2-Tetrachloroethane
Concen: 1.014 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07



Tgt Ion:131 Resp: 10982
Ion Ratio Lower Upper
131 100
133 94.3 77.8 116.6
119 63.4 55.2 82.8





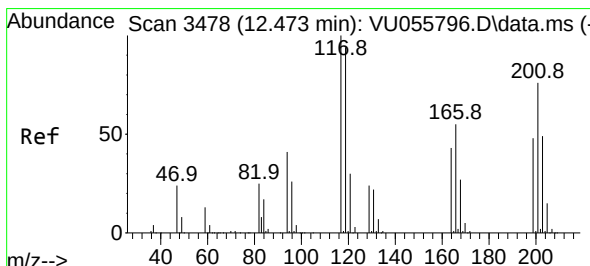
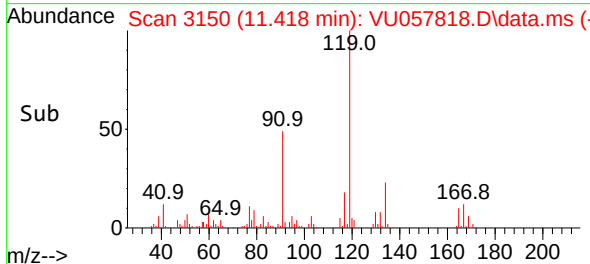
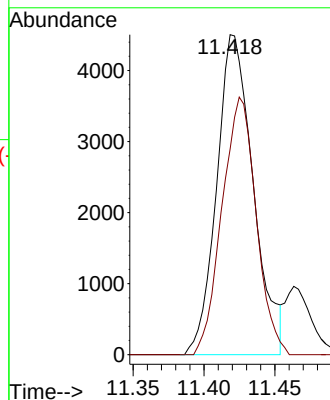
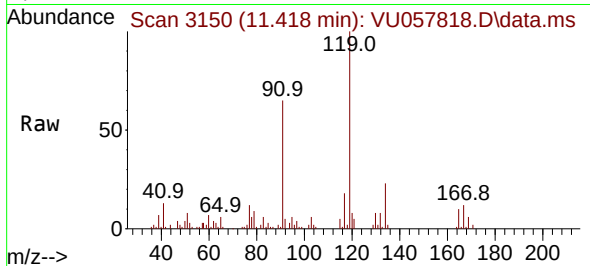
#61
Pentachloroethane
Concen: 1.015 ug/l
RT: 11.418 min Scan# 3152
Delta R.T. -0.006 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

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

Tgt Ion:117 Resp: 8104
Ion Ratio Lower Upper
117 100
167 75.0 56.7 85.1

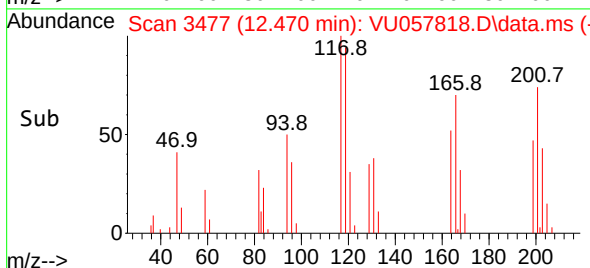
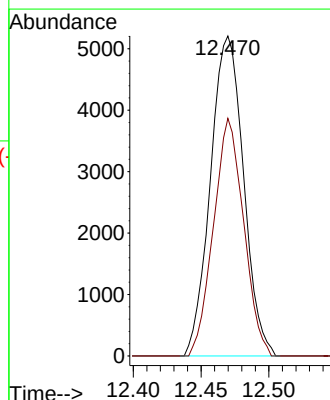
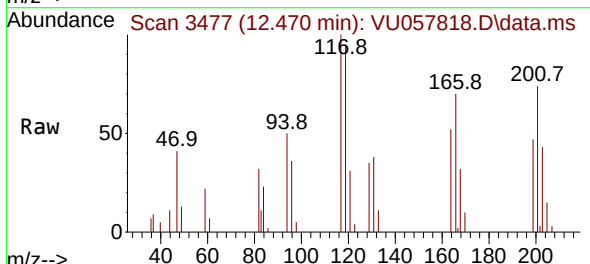
Manual Integrations
APPROVED

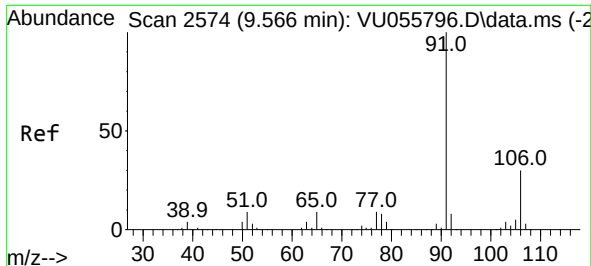
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#62
Hexachloroethane
Concen: 0.957 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

Tgt Ion:117 Resp: 8855
Ion Ratio Lower Upper
117 100
201 67.5 59.6 89.4





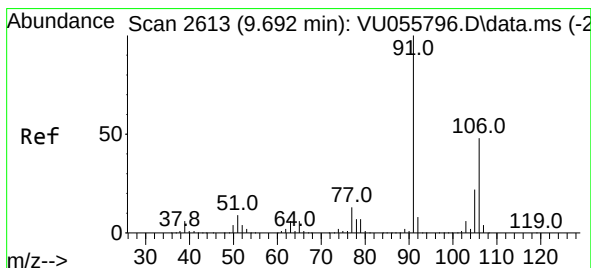
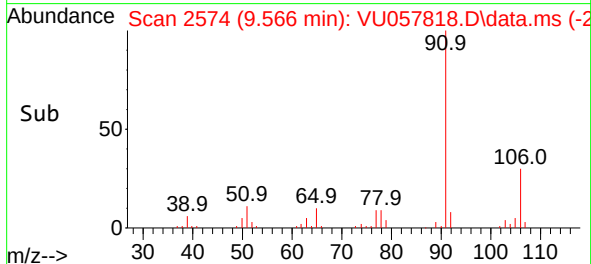
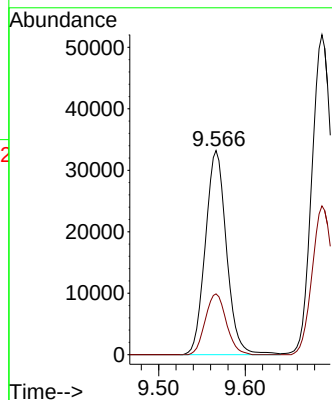
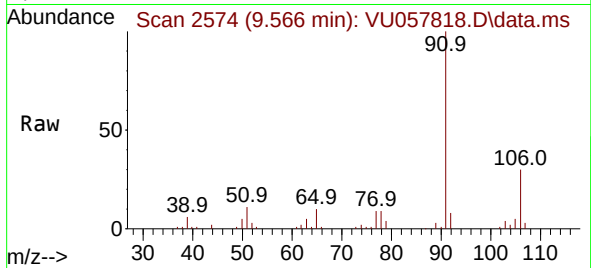
#63
Ethyl Benzene
Concen: 0.990 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

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

Tgt Ion: 91 Resp: 5625
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.2

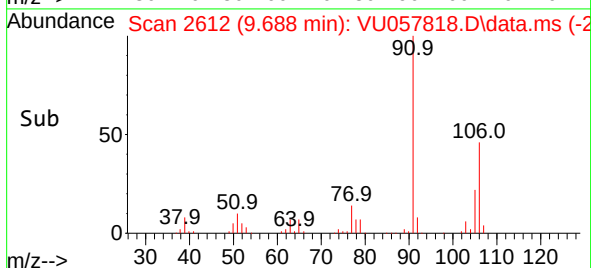
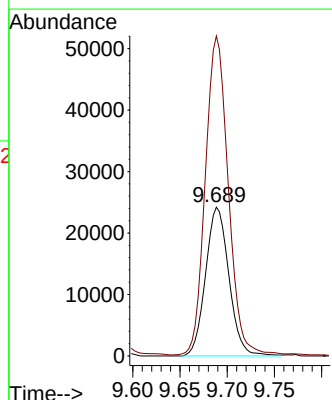
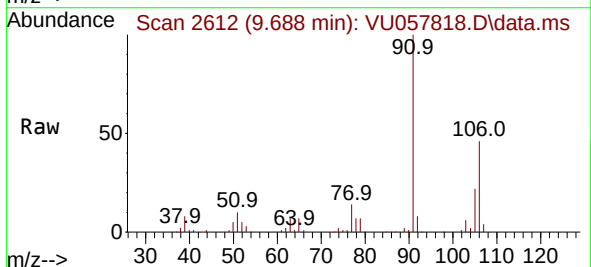
Manual Integrations
APPROVED

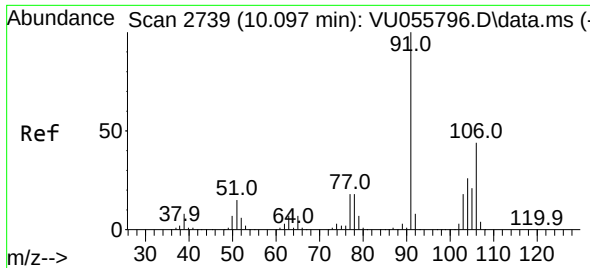
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#64
m/p-Xylenes
Concen: 1.999 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

Tgt Ion:106 Resp: 41637
Ion Ratio Lower Upper
106 100
91 210.1 167.3 250.9





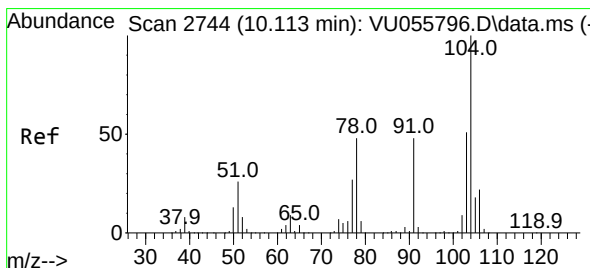
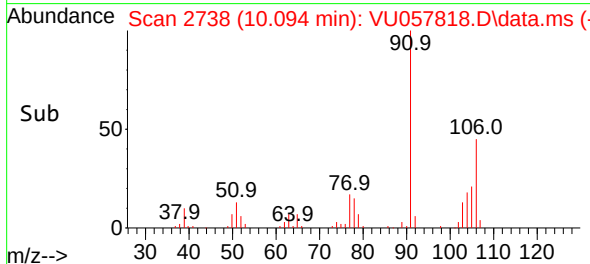
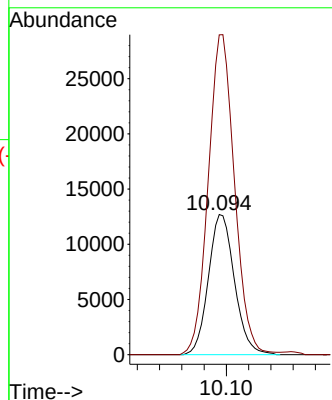
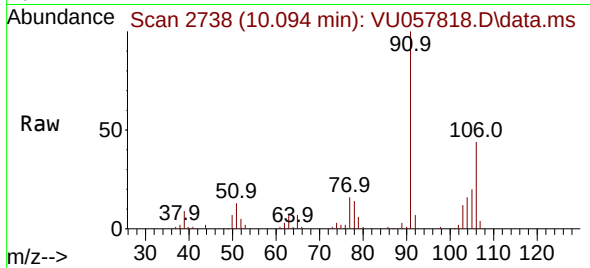
#65
o-Xylene
Concen: 0.997 ug/l
RT: 10.094 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

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

Tgt Ion:106 Resp: 20632
Ion Ratio Lower Upper
106 100
91 230.2 109.3 327.9

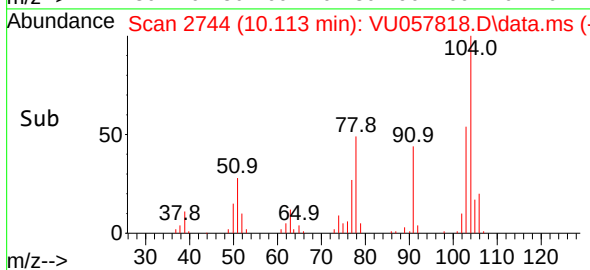
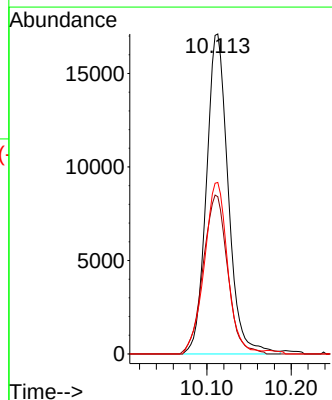
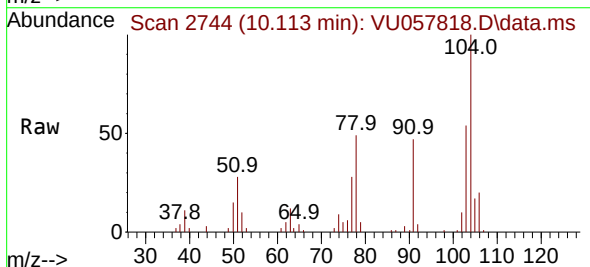
Manual Integrations
APPROVED

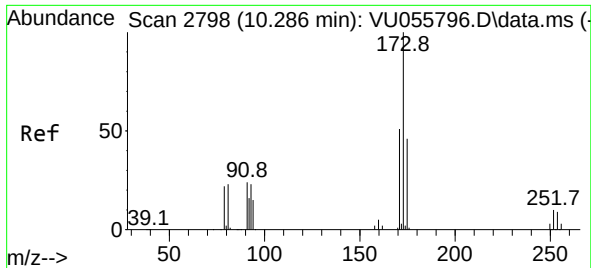
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#66
Styrene
Concen: 0.967 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

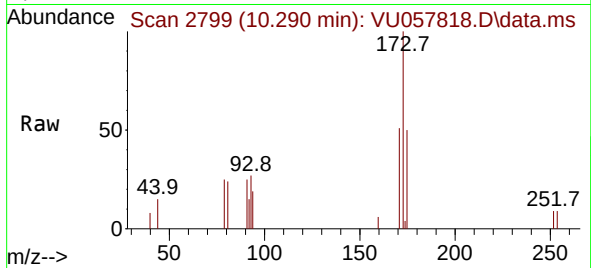
Tgt Ion:104 Resp: 30890
Ion Ratio Lower Upper
104 100
78 55.6 39.7 59.5
103 57.2 44.8 67.2





#67
Bromoform
Concen: 0.949 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

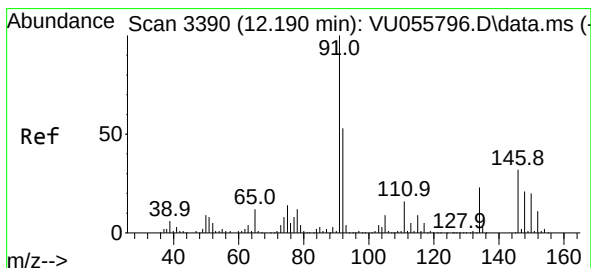
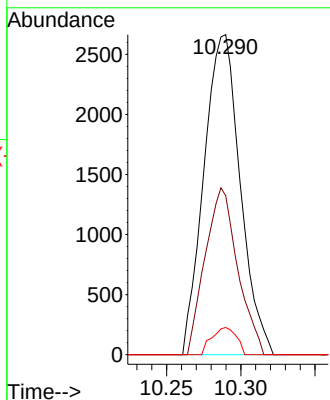
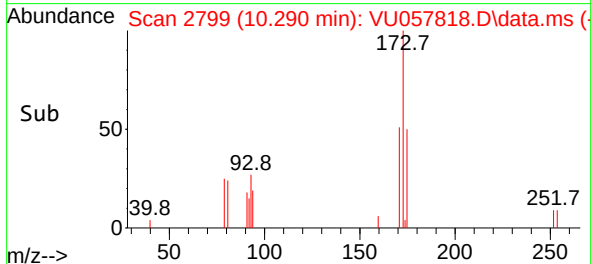
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



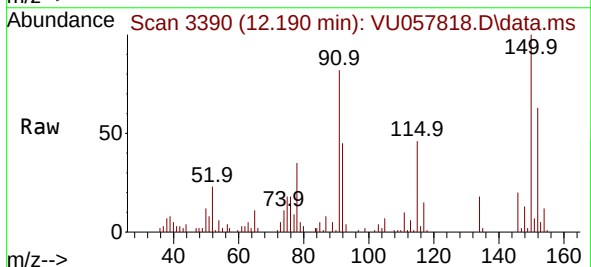
Tgt Ion:173 Resp: 4529
Ion Ratio Lower Upper
173 100
175 46.7 39.0 58.6
254 5.7 7.4 11.0

Manual Integrations
APPROVED

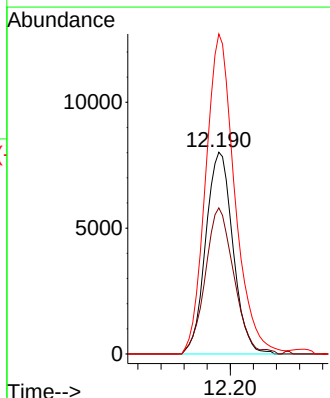
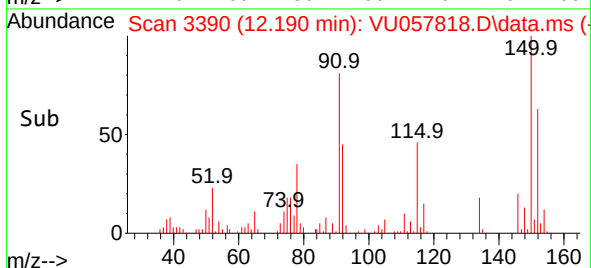
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

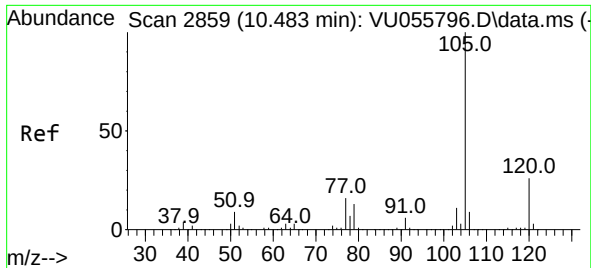


#68
1,2-Dichlorobenzene-d4
Concen: 0.949 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07



Tgt Ion:152 Resp: 13115
Ion Ratio Lower Upper
152 100
115 76.3 0.0 308.8
150 169.9 0.0 635.0





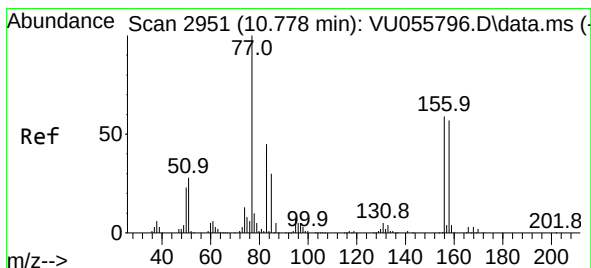
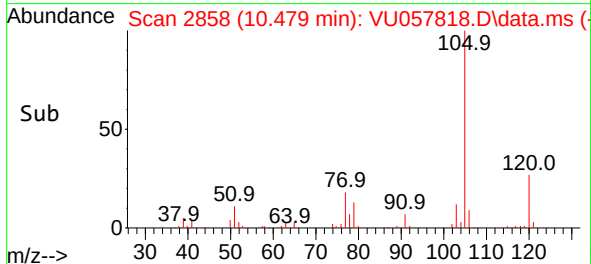
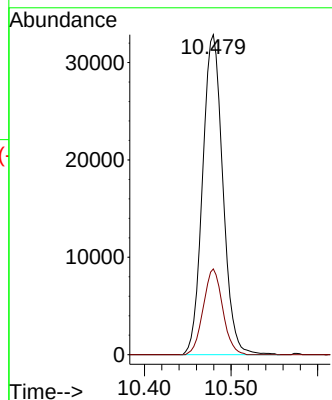
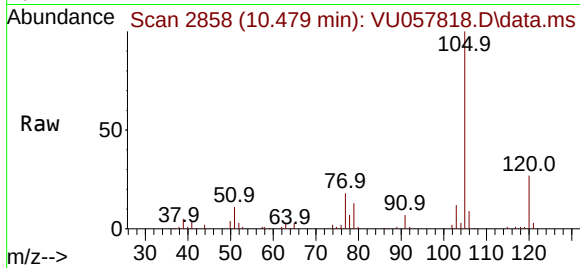
#69
Isopropylbenzene
Concen: 0.973 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

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

Tgt Ion:105 Resp: 5341
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

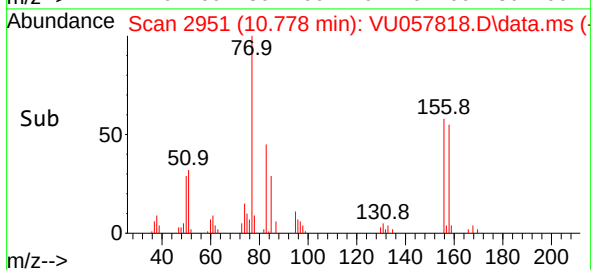
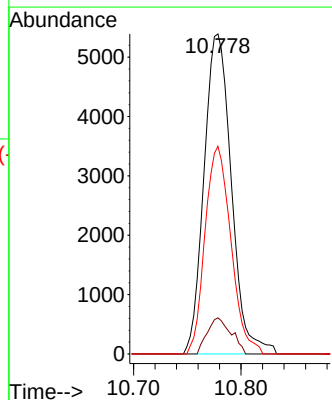
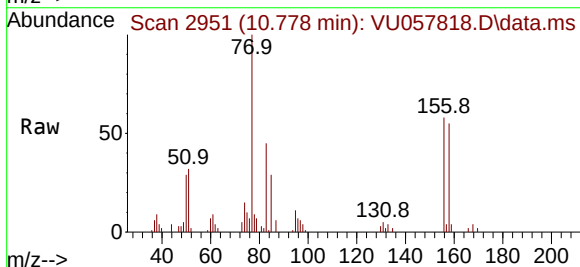
Manual Integrations
APPROVED

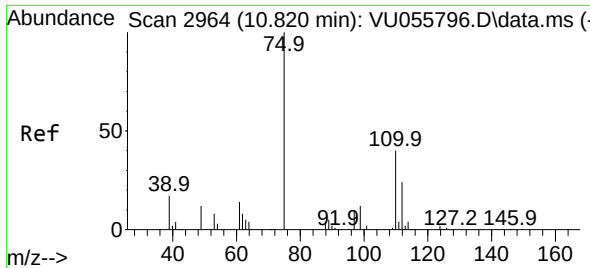
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 0.996 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

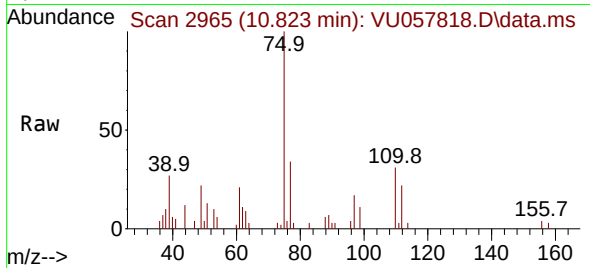
Tgt Ion: 83 Resp: 9527
Ion Ratio Lower Upper
83 100
131 9.8 7.2 10.8
85 61.4 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.997 ug/l m
RT: 10.823 min Scan# 2965
Delta R.T. -0.009 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

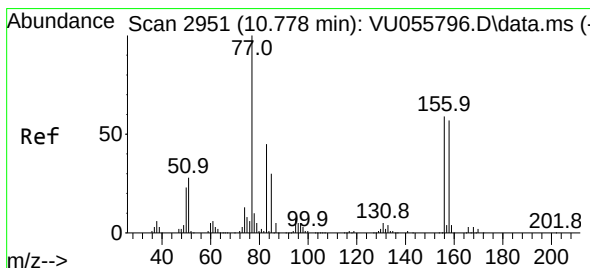
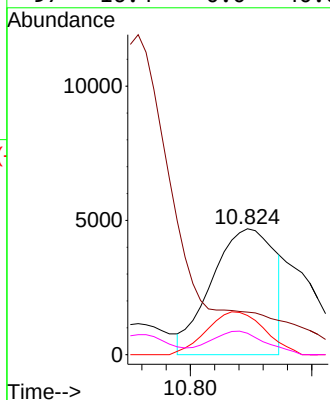
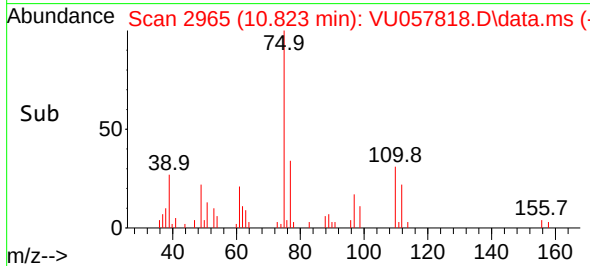
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2024



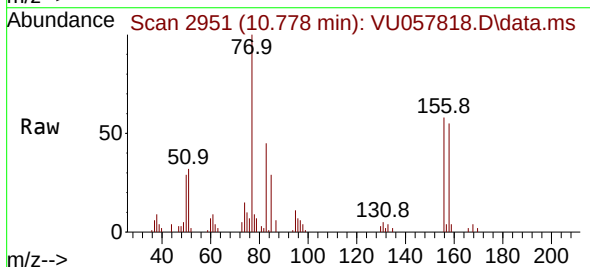
Tgt Ion: 75 Resp: 842
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 31.5 0.0 74.6
97 16.4 0.0 40.0

Manual Integrations
APPROVED

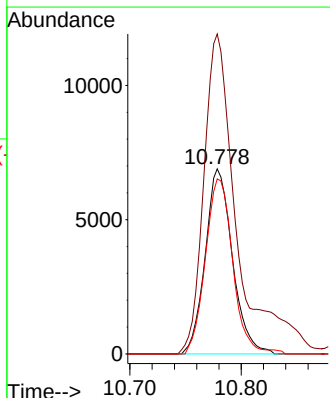
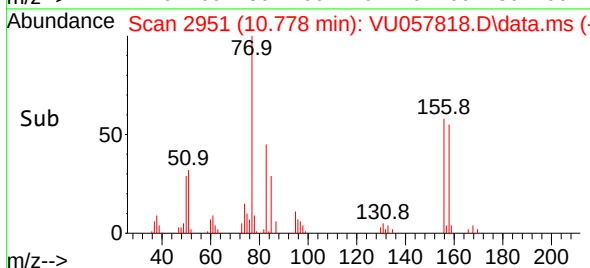
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

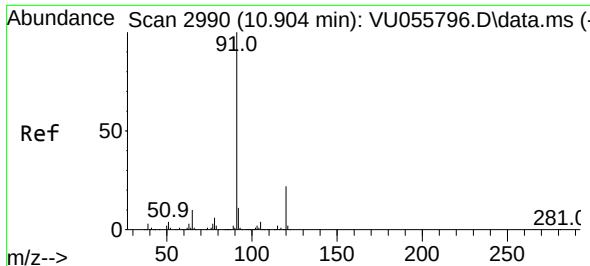


#72
Bromobenzene
Concen: 0.997 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07



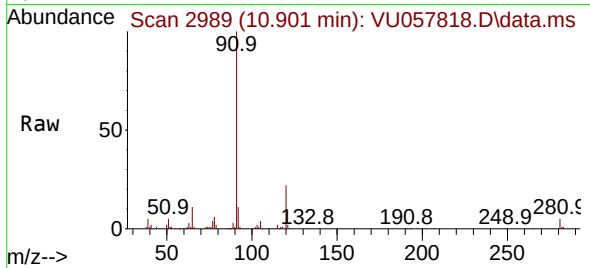
Tgt Ion:156 Resp: 11720
Ion Ratio Lower Upper
156 100
77 211.1 0.0 343.0
158 94.9 0.0 194.8





#73
n-propylbenzene
Concen: 0.974 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

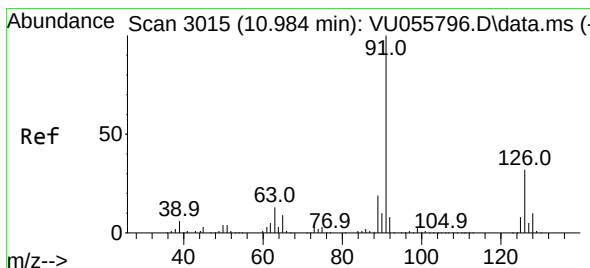
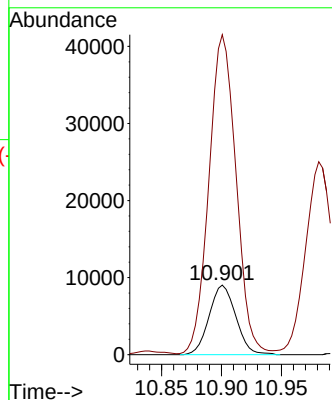
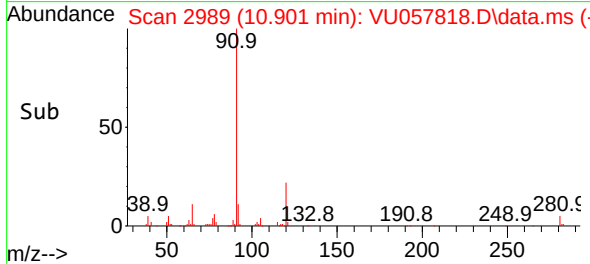
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:120 Resp: 13950
Ion Ratio Lower Upper
120 100
91 465.1 369.8 554.6

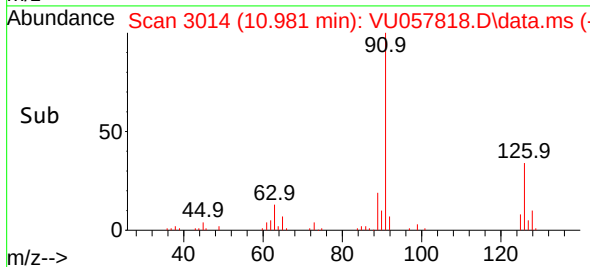
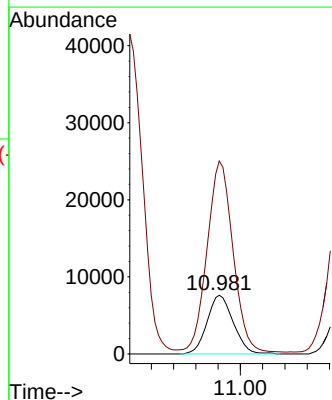
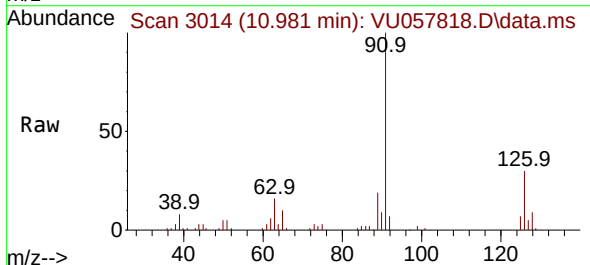
Manual Integrations
APPROVED

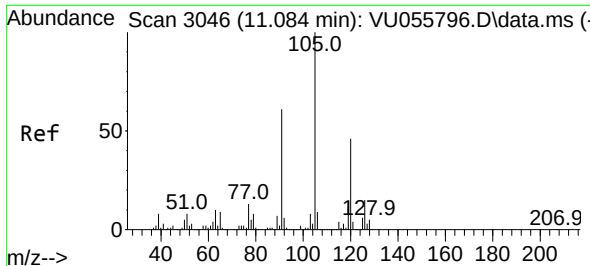
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#74
2-Chlorotoluene
Concen: 0.992 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

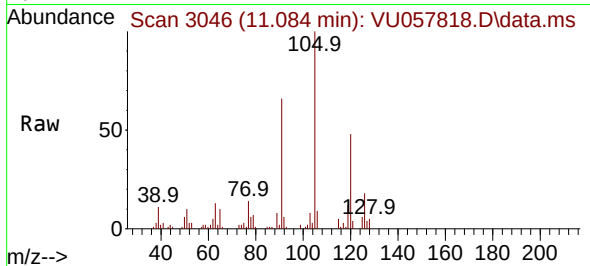
Tgt Ion:126 Resp: 12407
Ion Ratio Lower Upper
126 100
91 326.6 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 0.956 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

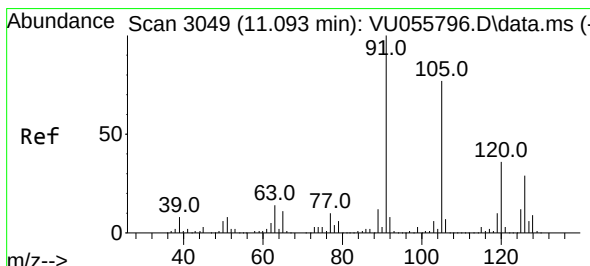
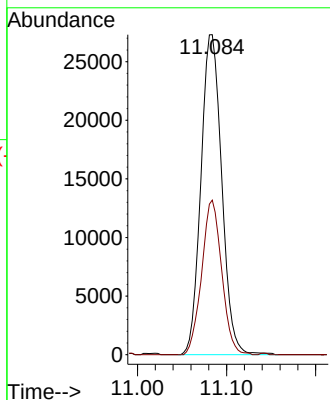
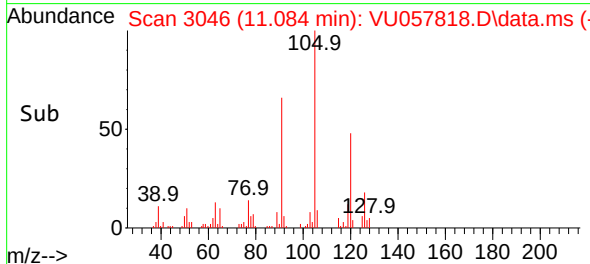
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



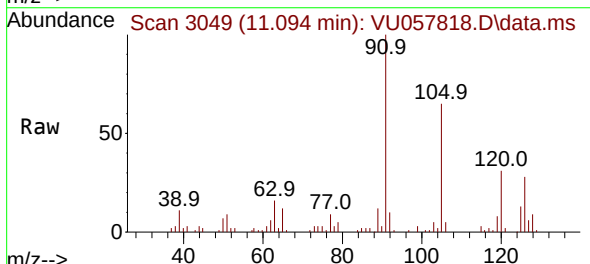
Tgt Ion:105 Resp: 4435
Ion Ratio Lower Upper
105 100
120 46.3 37.8 56.8

Manual Integrations
APPROVED

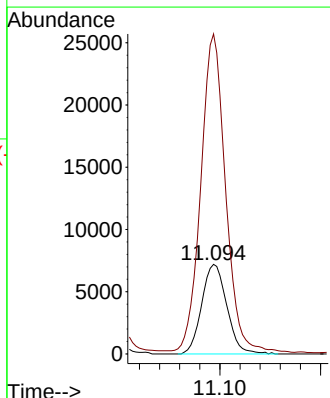
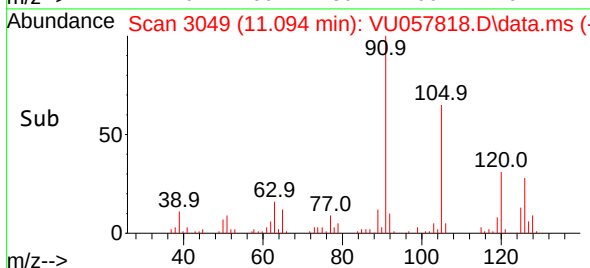
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

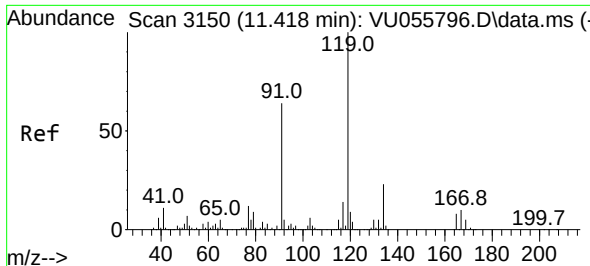


#76
4-Chlorotoluene
Concen: 0.990 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07



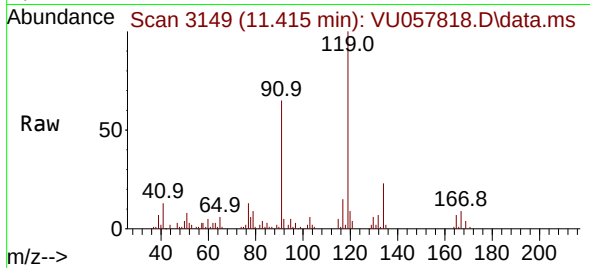
Tgt Ion:126 Resp: 12469
Ion Ratio Lower Upper
126 100
91 350.8 0.0 686.2





#77
tert-Butylbenzene
Concen: 0.970 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

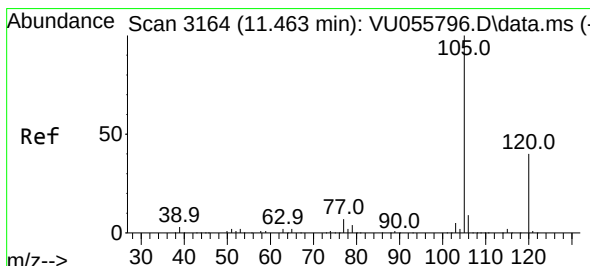
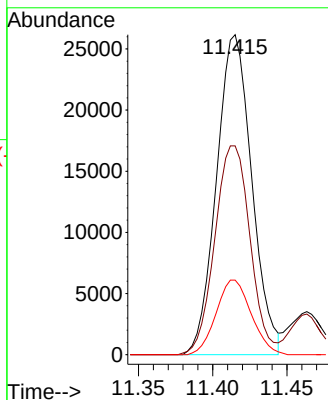
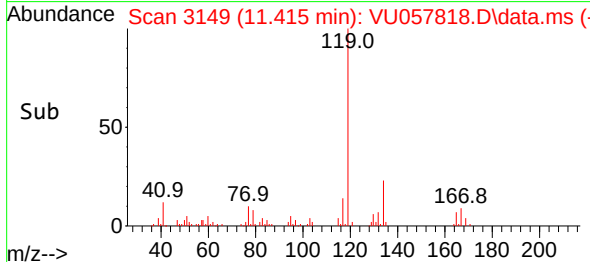
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



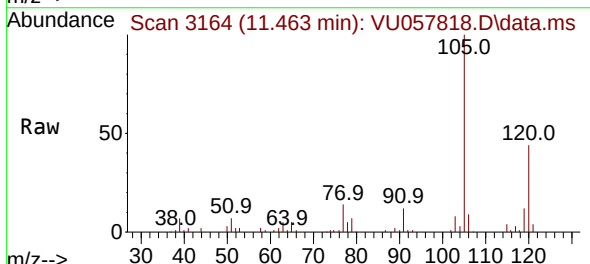
Tgt Ion:119 Resp: 43352
Ion Ratio Lower Upper
119 100
91 65.2 30.8 92.4
134 23.2 18.0 27.0

Manual Integrations
APPROVED

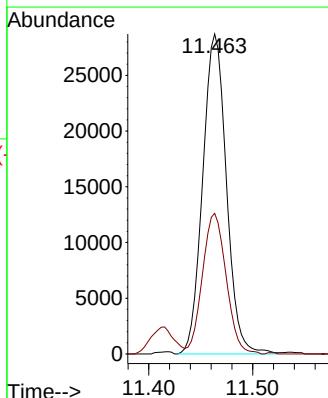
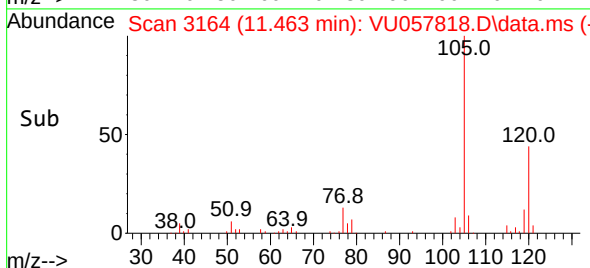
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

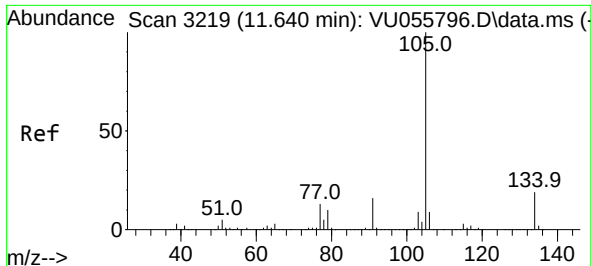


#78
1,2,4-Trimethylbenzene
Concen: 0.970 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07



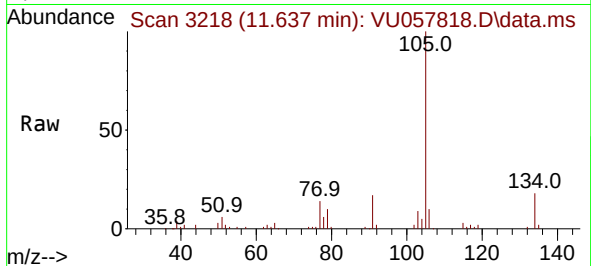
Tgt Ion:105 Resp: 45505
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 0.938 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057818.D
 Acq: 06 Feb 2024 13:07

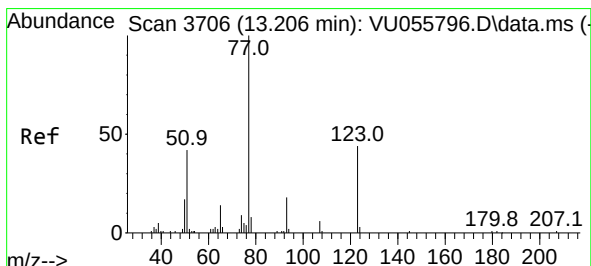
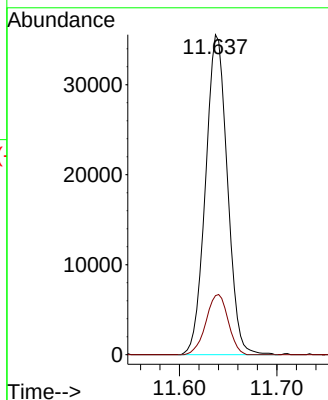
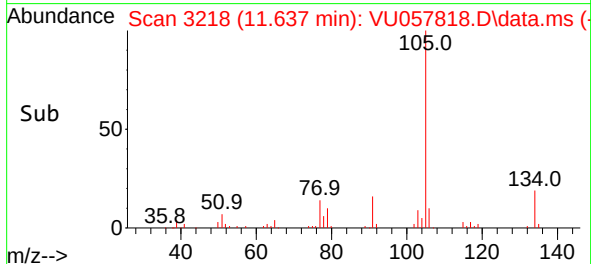
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



Tgt Ion:105 Resp: 5536
 Ion Ratio Lower Upper
 105 100
 134 19.1 14.9 22.3

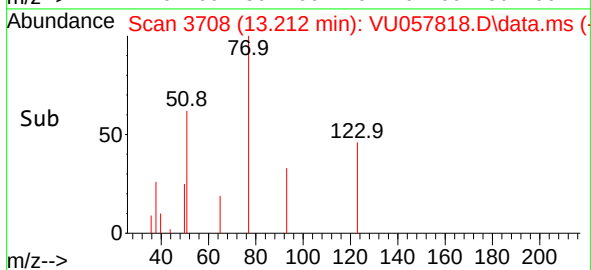
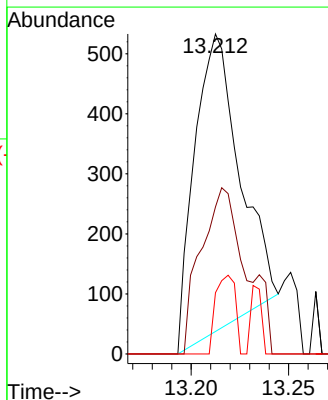
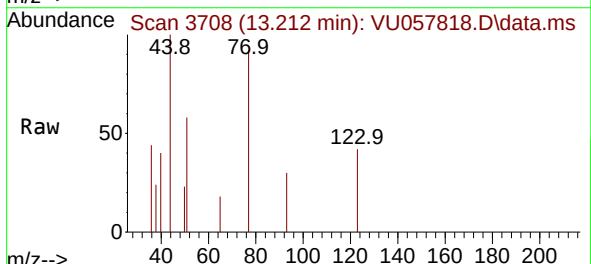
Manual Integrations
 APPROVED

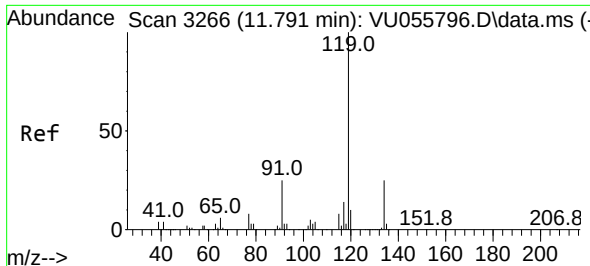
Reviewed By :John Carlone 02/14/2024
 Supervised By :Mahesh Dadoda 02/14/2024



#80
 Nitrobenzene
 Concen: 3.060 ug/l
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.006 min
 Lab File: VU057818.D
 Acq: 06 Feb 2024 13:07

Tgt Ion: 77 Resp: 802
 Ion Ratio Lower Upper
 77 100
 123 56.0 19.7 69.7
 65 11.3 11.5 14.7#





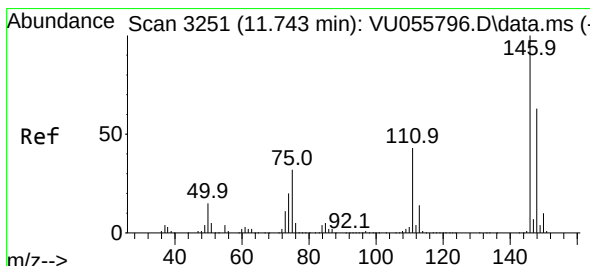
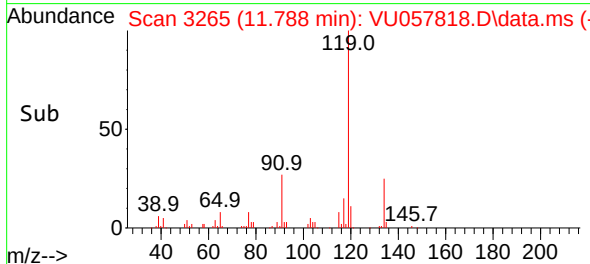
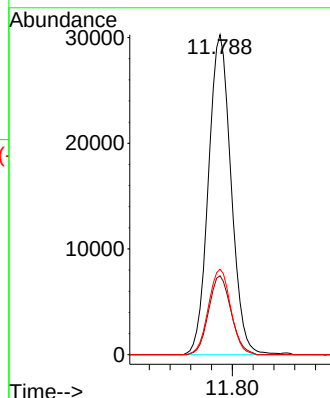
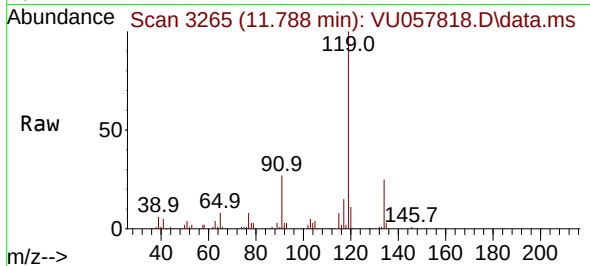
#81
p-Isopropyltoluene
Concen: 0.942 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

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

Tgt Ion:119 Resp: 45740
Ion Ratio Lower Upper
119 100
134 24.5 20.2 30.4
91 26.2 19.3 28.9

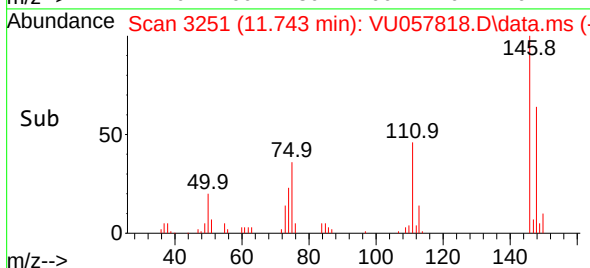
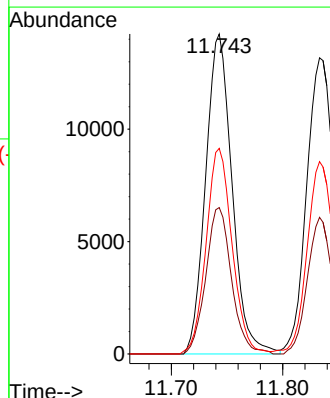
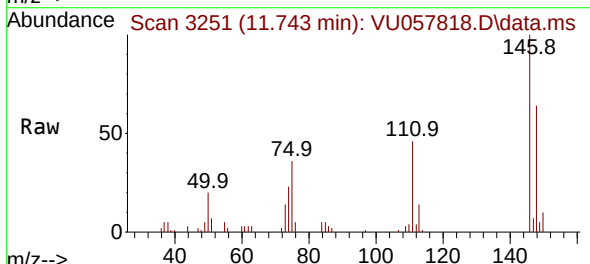
Manual Integrations
APPROVED

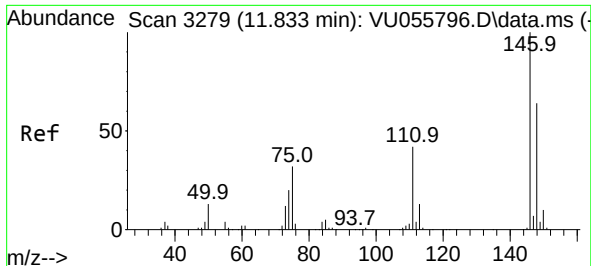
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#82
1,3-Dichlorobenzene
Concen: 0.999 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

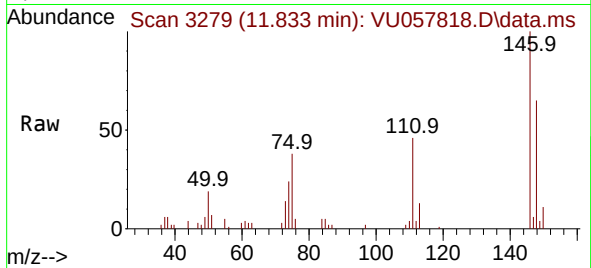
Tgt Ion:146 Resp: 23489
Ion Ratio Lower Upper
146 100
111 44.5 32.6 49.0
148 63.2 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.995 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. -0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

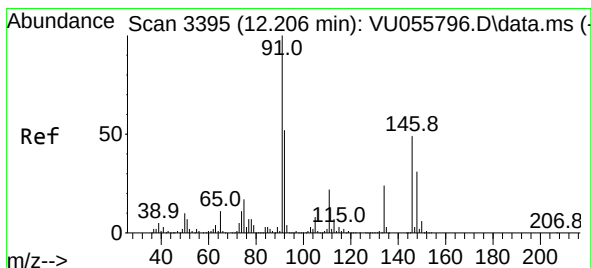
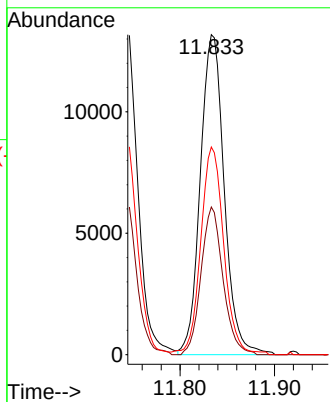
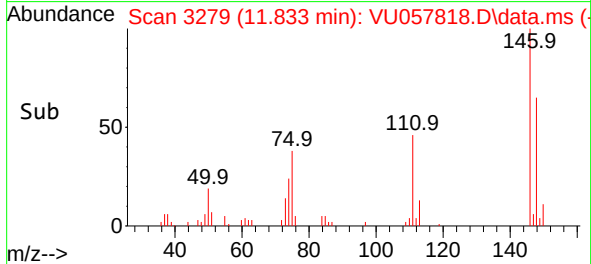
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



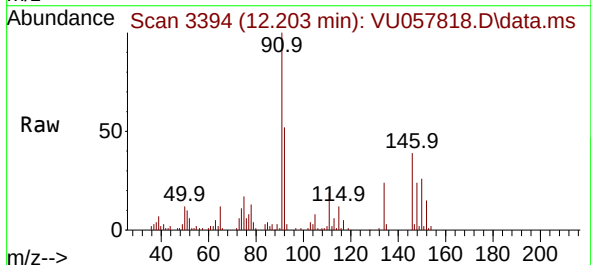
Tgt Ion:146 Resp: 23180
Ion Ratio Lower Upper
146 100
111 42.4 31.6 47.4
148 62.7 50.3 75.5

Manual Integrations
APPROVED

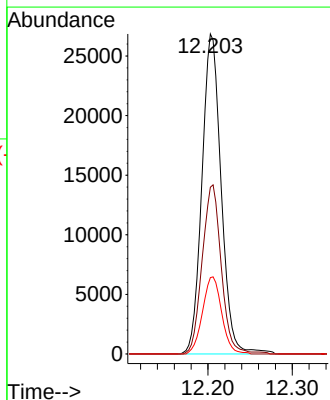
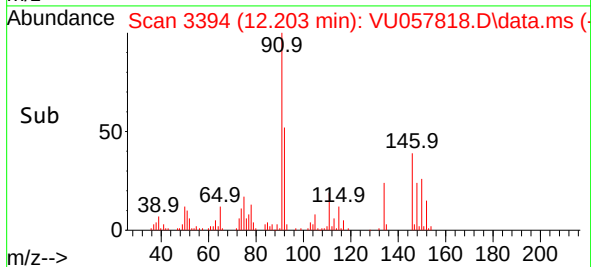
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

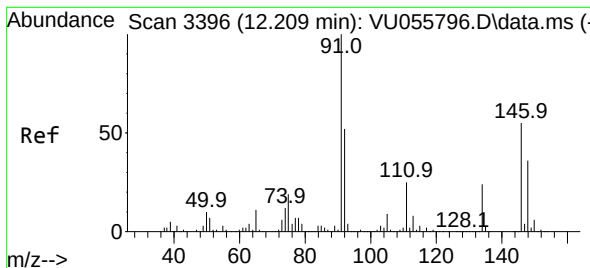


#84
n-Butylbenzene
Concen: 0.921 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07



Tgt Ion: 91 Resp: 42670
Ion Ratio Lower Upper
91 100
92 52.5 40.8 61.2
134 24.0 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 0.970 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. -0.003 min

Lab File: VU057818.D

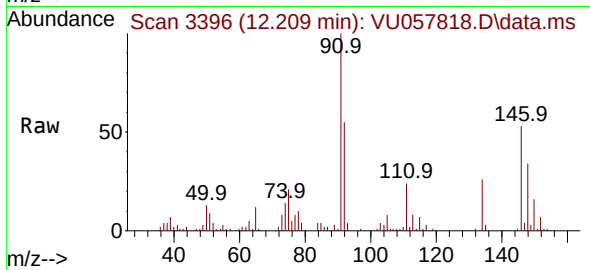
Acq: 06 Feb 2024 13:07

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024



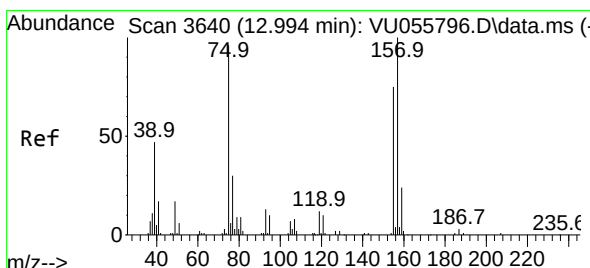
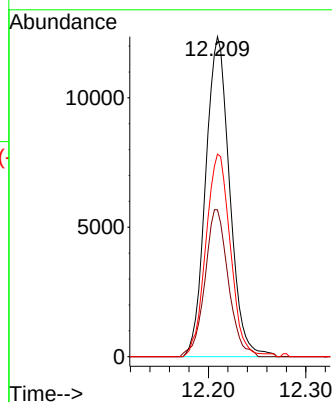
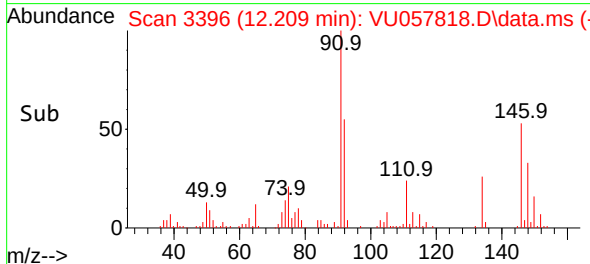
Tgt Ion:	146	Resp:	2117
Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.6	64.6
148	64.8	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2024

Supervised By :Mahesh Dadoda 02/14/2024



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.926 ug/l

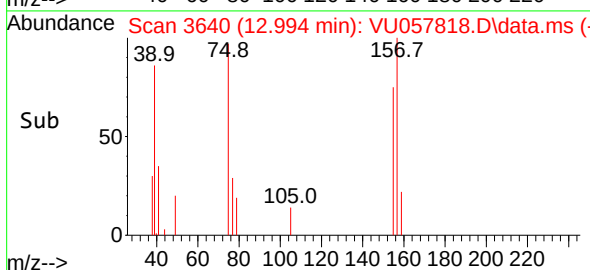
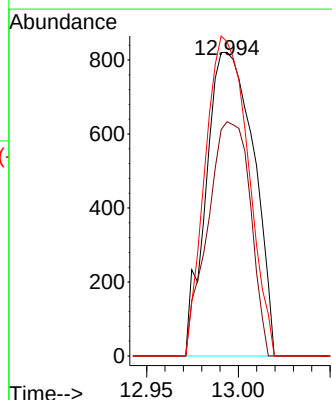
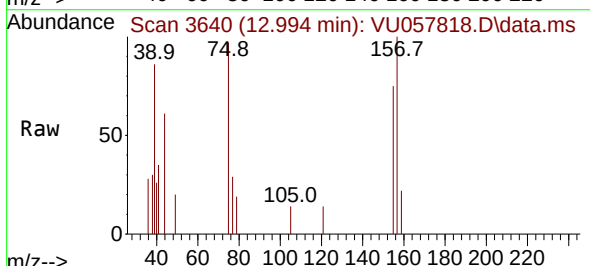
RT: 12.994 min Scan# 3640

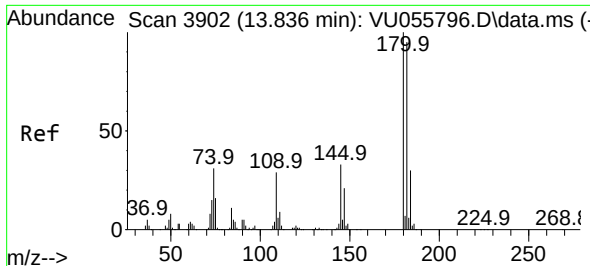
Delta R.T. 0.000 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

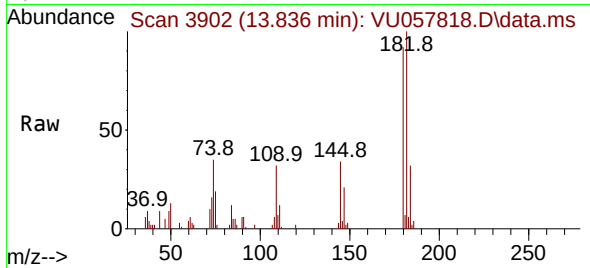
Tgt Ion:	75	Resp:	1479
Ion	Ratio	Lower	Upper
75	100		
155	69.0	61.8	92.8
157	94.8	80.2	120.4





#87
1,2,4-Trichlorobenzene
Concen: 0.888 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

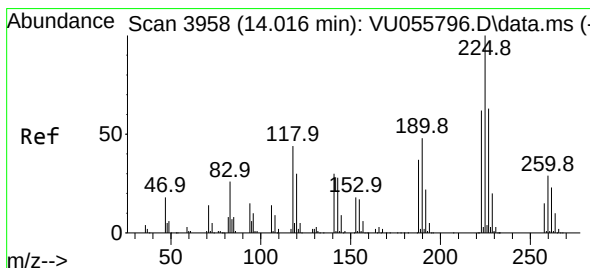
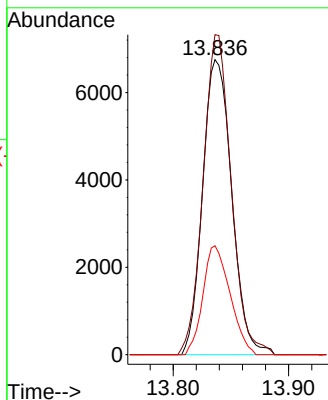
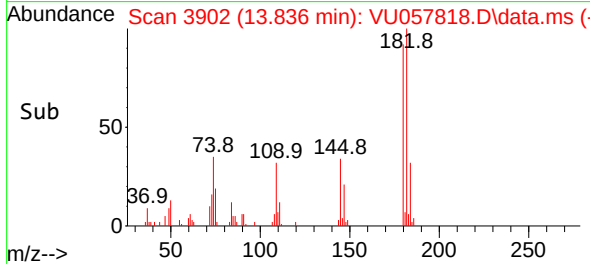
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:180 Resp: 1184
Ion Ratio Lower Upper
180 100
182 104.5 75.8 113.6
145 34.4 23.9 35.9

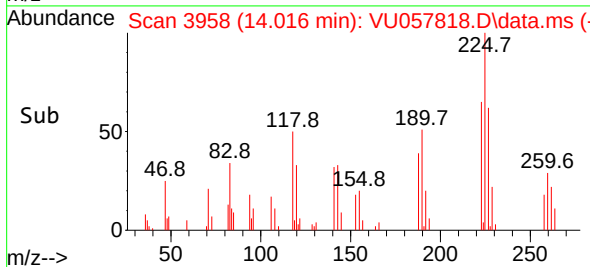
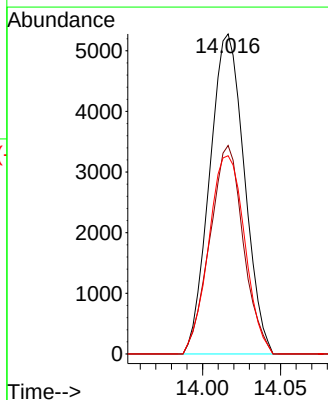
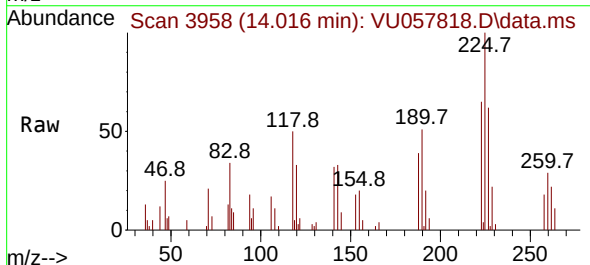
Manual Integrations
APPROVED

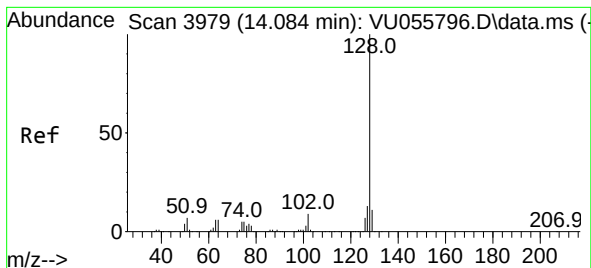
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#88
Hexachlorobutadiene
Concen: 0.978 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU057818.D
Acq: 06 Feb 2024 13:07

Tgt Ion:225 Resp: 8170
Ion Ratio Lower Upper
225 100
223 63.0 50.2 75.4
227 64.3 51.5 77.3





#89

Naphthalene

Concen: 0.842 ug/l

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

Instrument :

MSVOA_U

ClientSampleId :

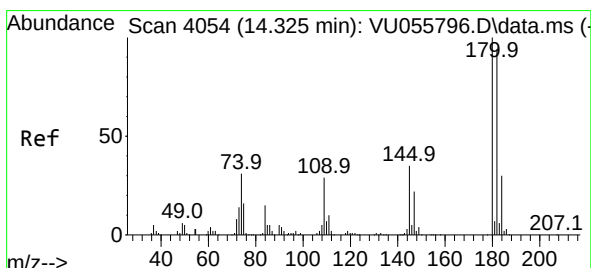
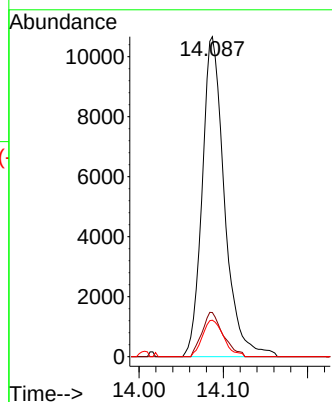
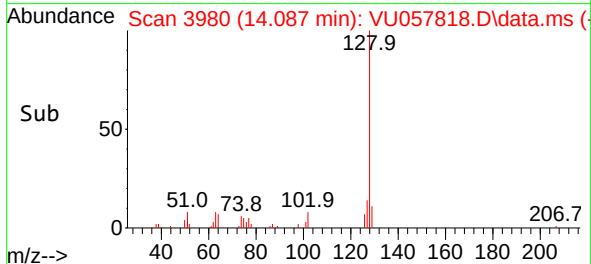
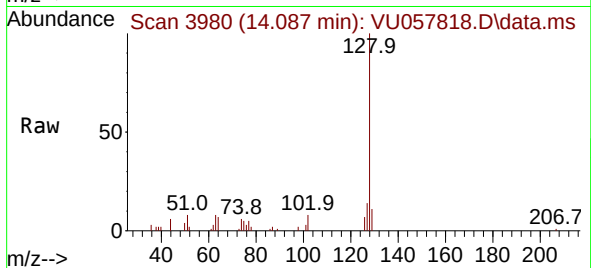
LOQ-WATER-02-QT1-2024

Tgt Ion:128	Resp:	1966
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.9 16.3
129	10.8	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: 0.887 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057818.D

Acq: 06 Feb 2024 13:07

Tgt Ion:180	Resp:	10150
Ion Ratio	Lower	Upper
180	100	
182	96.4	75.7 113.5
145	35.8	26.1 39.1

