

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
 Data File : VU060344.D
 Acq On : 07 Aug 2024 18:23
 Operator : MD/SY
 Sample : P3390-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 08 06:58:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

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

Internal Standards						
1) Fluorobenzene	6.113	96	29274	1.000 ug/l	#	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	9545	0.957 ug/l		0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	11291	1.042 ug/l		0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	8529	0.758 ug/l		97
3) Chloromethane	1.519	50	9662	0.751 ug/l		99
4) Vinyl Chloride	1.602	62	9577	0.744 ug/l		100
5) Bromomethane	1.856	94	7080	0.895 ug/l		98
6) Chloroethane	1.930	64	6613	0.849 ug/l		94
7) Trichlorofluoromethane	2.136	101	12200	0.786 ug/l		93
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	6472	0.766 ug/l		97
9) 1,1-Dichloroethene	2.576	96	7510	0.858 ug/l		79
10) Iodomethane	2.718	142	10348	0.798 ug/l		97
11) Allyl Chloride	2.920	41	8088	0.674 ug/l		100
12) Acrylonitrile	3.342	53	2371m	1.037 ug/l		
13) Acetone	2.657	43	5343m	1.924 ug/l		
14) Carbon Disulfide	2.789	76	21849	0.736 ug/l		98
15) Methylene Chloride	3.039	84	9935	0.907 ug/l		92
16) trans-1,2-Dichloroethene	3.351	96	7071	0.754 ug/l		92
17) 1,1-Dichloroethane	3.862	63	13602	0.754 ug/l		95
18) 2-Butanone	4.753	43	7646m	2.383 ug/l		
19) Cyclohexane	5.377	56	8374m	0.539 ug/l		
20) Methylcyclohexane	6.756	83	8077	0.655 ug/l		95
21) 2,2-Dichloropropane	4.657	77	9864	0.703 ug/l		100
22) cis-1,2-Dichloroethene	4.663	96	7348	0.731 ug/l		96
23) Diethyl Ether	2.374	59	5592	0.786 ug/l		99
24) tert-Butyl Alcohol	3.239	59	2907m	3.272 ug/l		
25) Methyl tert-Butyl Ether	3.358	73	13096	0.610 ug/l		95
26) Bromochloromethane	4.975	128	3692	0.868 ug/l		88
27) Chloroform	5.084	83	14743	0.836 ug/l		99
28) 1,1,1-Trichloroethane	5.309	97	11580	0.790 ug/l		98
29) 1,1-Dichloropropene	5.528	75	8172	0.696 ug/l		99
30) Carbon Tetrachloride	5.518	117	10129	0.848 ug/l		97
31) Isopropyl Ether	3.988	45	14935	0.567 ug/l		67
32) Ethyl-t-butyl ether	4.496	59	14172	0.556 ug/l		91
33) Tert-Amyl methyl ether	5.936	73	12892	0.713 ug/l		98
34) Propionitrile	4.843	54	1996m	2.177 ug/l		
35) Benzene	5.772	78	29453	0.814 ug/l		98
36) 1,2-Dichloroethane	5.792	62	8062	0.802 ug/l		96
37) Trichloroethene	6.538	130	7578	0.846 ug/l		98
38) 1,2-Dichloropropane	6.785	63	7886	0.806 ug/l		97
39) Methacrylonitrile	4.994	41	1228m	0.370 ug/l		
40) Methyl acrylate	4.901	55	2663m	0.458 ug/l		
41) Tetrahydrofuran	5.071	42	1493m	0.826 ug/l		
42) 1-Chlorobutane	5.454	56	11193	0.691 ug/l		99
43) Dibromomethane	6.917	93	3940	0.796 ug/l		97
44) Bromodichloromethane	7.100	83	10252	0.862 ug/l		94

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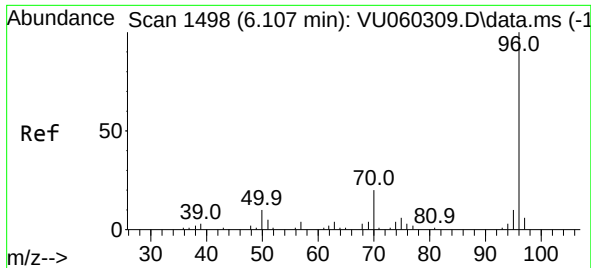
Quant Time: Aug 08 06:58:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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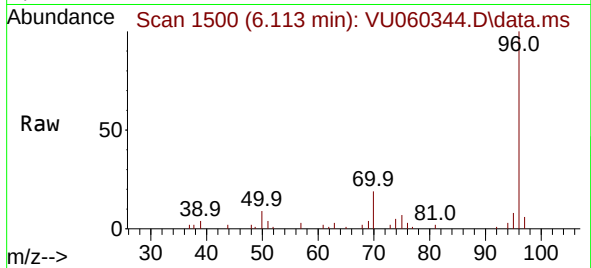
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	14993	3.225	ug/l	96
46) t-1,4-Dichloro-2-butene	10.830	75	3489m	1.339	ug/l	
47) Methyl methacrylate	6.965	69	5148	1.281	ug/l #	91
48) Ethyl methacrylate	8.335	69	4590	0.673	ug/l	99
49) Toluene	7.968	92	15391	0.767	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	7630	0.777	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	9267	0.785	ug/l	94
52) 1,1,2-Trichloroethane	8.399	97	6120	0.842	ug/l	90
53) 1,3-Dichloropropane	8.570	76	9081	0.783	ug/l	99
54) 2-Hexanone	8.689	43	10553m	2.929	ug/l	
55) Dibromochloromethane	8.808	129	6951	0.872	ug/l	99
56) 1,2-Dibromoethane	8.923	107	5148	0.790	ug/l	98
58) Tetrachloroethene	8.547	164	6739	0.842	ug/l	94
59) Chlorobenzene	9.444	112	18068	0.832	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.528	131	7263	0.849	ug/l	97
61) Pentachloroethane	11.422	117	5944	0.813	ug/l	99
62) Hexachloroethane	12.467	117	5635	0.798	ug/l	97
63) Ethyl Benzene	9.566	91	25129	1.069	ug/l	96
64) m/p-Xylenes	9.692	106	18439	1.946	ug/l	97
65) o-Xylene	10.094	106	9331	1.005	ug/l	97
66) Styrene	10.113	104	14861	0.991	ug/l	97
67) Bromoform	10.287	173	4167	0.892	ug/l #	93
69) Isopropylbenzene	10.480	105	22720	1.003	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	7332	0.758	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	5371m	0.750	ug/l	
72) Bromobenzene	10.779	156	7680	0.861	ug/l	93
73) n-propylbenzene	10.901	120	6778	1.037	ug/l	93
74) 2-Chlorotoluene	10.981	126	6809	0.950	ug/l	90
75) 1,3,5-Trimethylbenzene	11.084	105	18600	0.943	ug/l	98
76) 4-Chlorotoluene	11.097	126	5972	0.866	ug/l	96
77) tert-Butylbenzene	11.412	119	21453	1.039	ug/l	95
78) 1,2,4-Trimethylbenzene	11.463	105	19336	0.979	ug/l	99
79) sec-Butylbenzene	11.637	105	26420	0.985	ug/l	100
80) Nitrobenzene	13.235	77	814m	1.916	ug/l	
81) p-Isopropyltoluene	11.788	119	19664	0.994	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	15399	0.827	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	14947	0.809	ug/l	98
84) n-Butylbenzene	12.206	91	19299	0.992	ug/l	96
85) 1,2-Dichlorobenzene	12.206	146	14705	0.817	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	1001	0.714	ug/l	81
87) 1,2,4-Trichlorobenzene	13.840	180	7738	0.752	ug/l	94
88) Hexachlorobutadiene	14.013	225	5355	0.804	ug/l	98
89) Naphthalene	14.090	128	9523	0.523	ug/l #	96
90) 1,2,3-Trichlorobenzene	14.325	180	6758	0.672	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1498
Delta R.T. 0.006 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

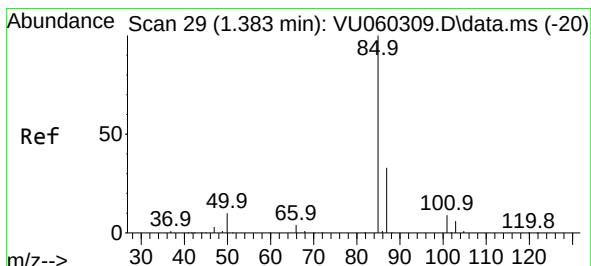
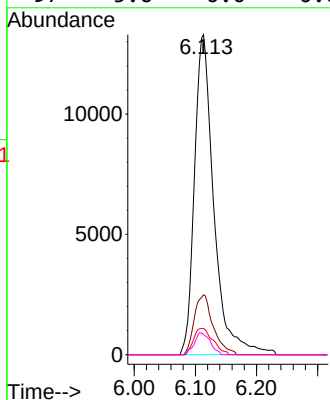
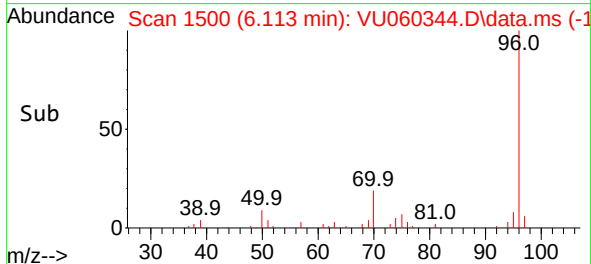
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:	96	Resp:	29274
Ion Ratio	100	Lower	Upper
96	100		
70	18.2	17.2	25.8
95	8.1	7.9	11.9
97	5.6	0.0	0.0

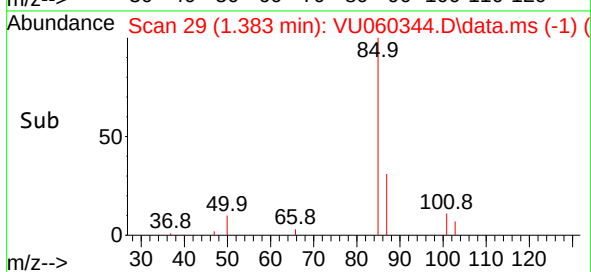
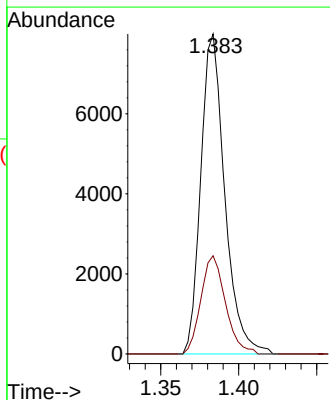
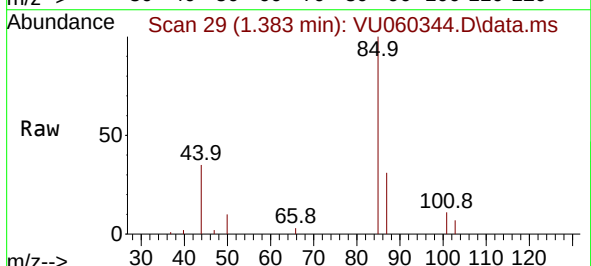
Manual Integrations
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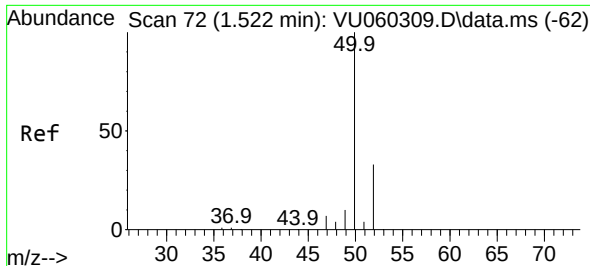
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#2
Dichlorodifluoromethane
Concen: 0.758 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

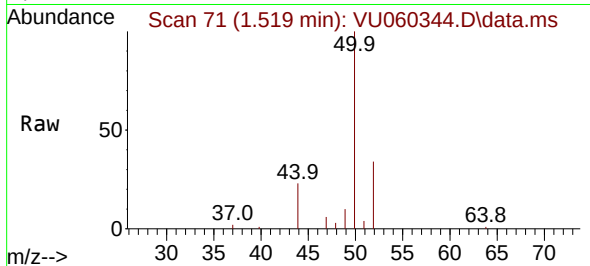
Tgt Ion:	85	Resp:	8529
Ion Ratio	100	Lower	Upper
85	100		
87	30.7	16.3	48.9





#3
Chloromethane
Concen: 0.751 ug/l
RT: 1.519 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

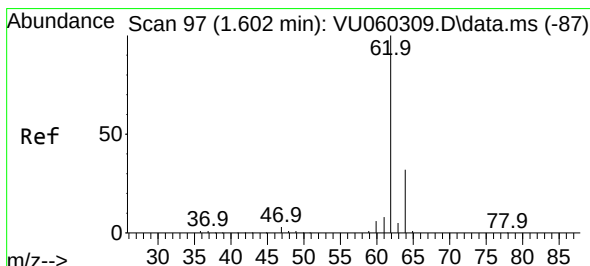
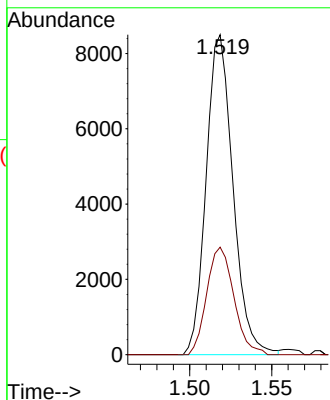
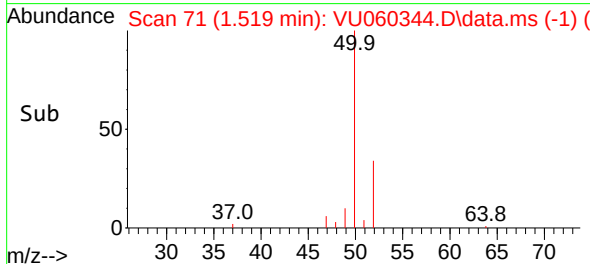
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 50 Resp: 966
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7

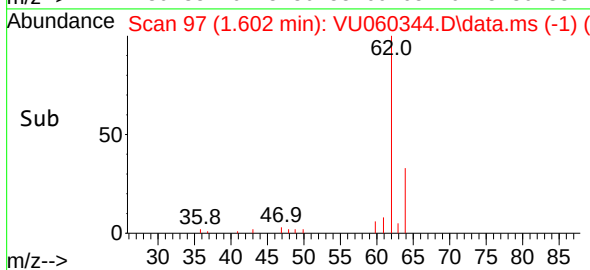
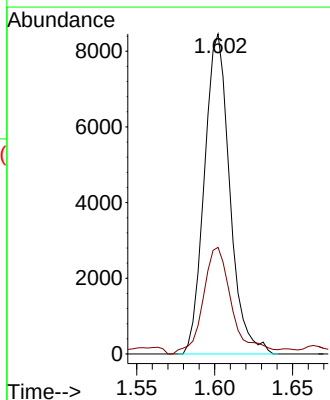
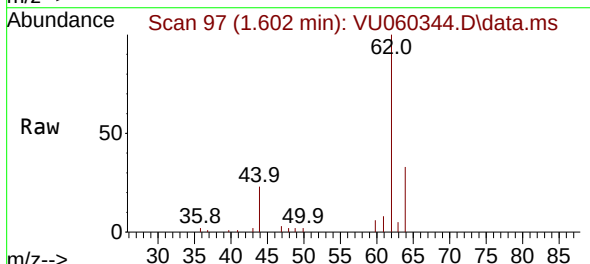
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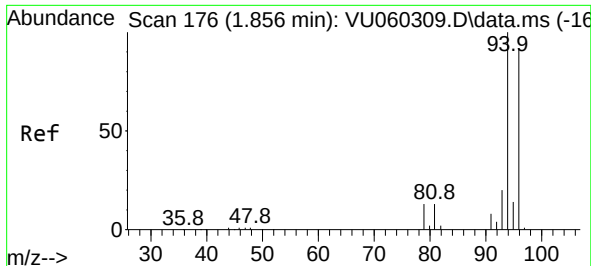
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#4
Vinyl Chloride
Concen: 0.744 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

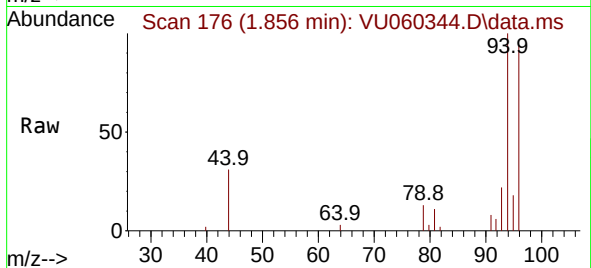
Tgt Ion: 62 Resp: 9577
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





#5
Bromomethane
Concen: 0.895 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

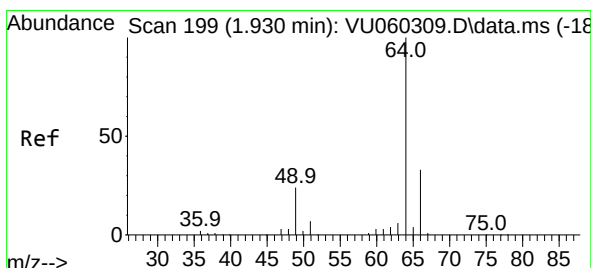
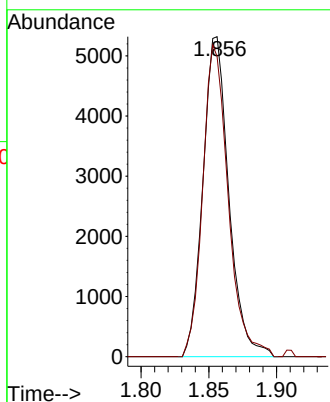
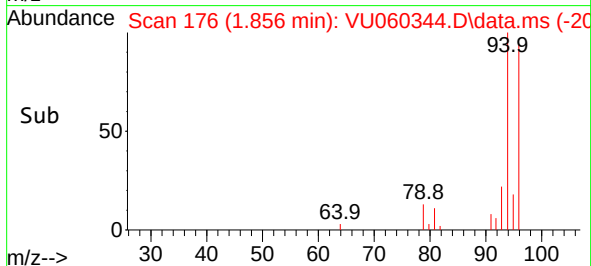
Instrument :
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MDL-WATER-03-QT3-2024



Tgt Ion: 94 Resp: 7080
Ion Ratio Lower Upper
94 100
96 93.8 73.8 110.8

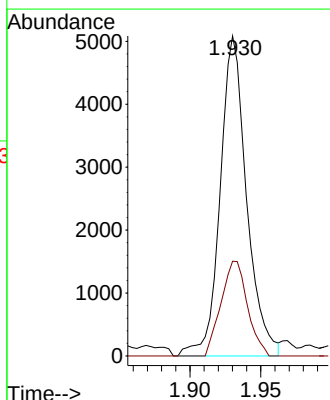
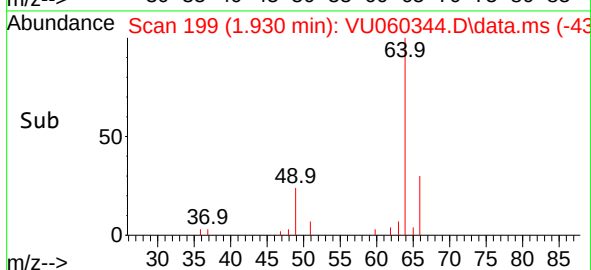
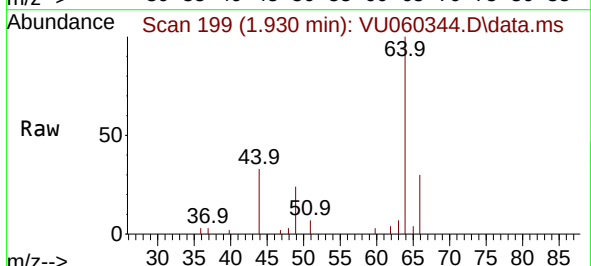
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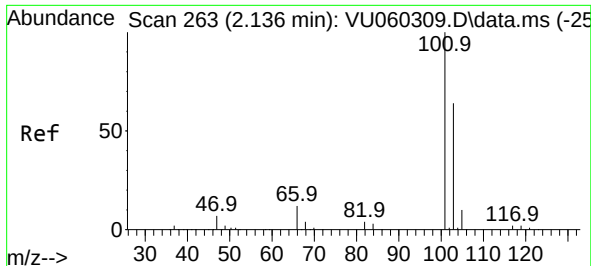
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#6
Chloroethane
Concen: 0.849 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

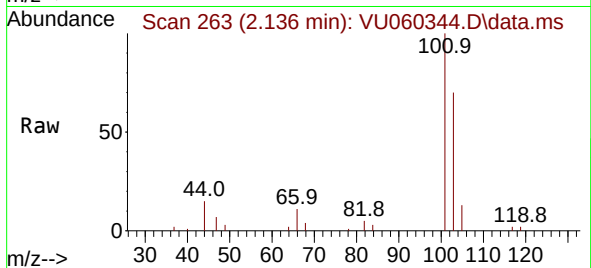
Tgt Ion: 64 Resp: 6613
Ion Ratio Lower Upper
64 100
66 29.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 0.786 ug/l
RT: 2.136 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

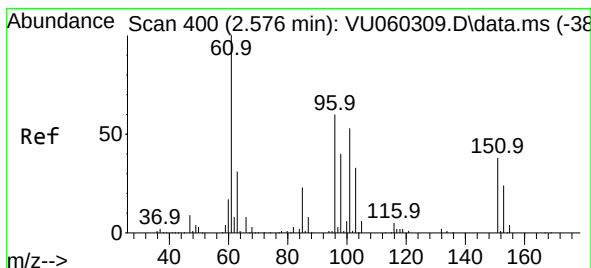
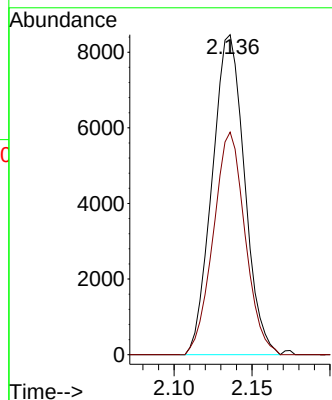
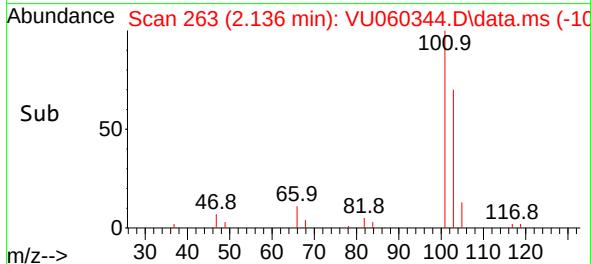
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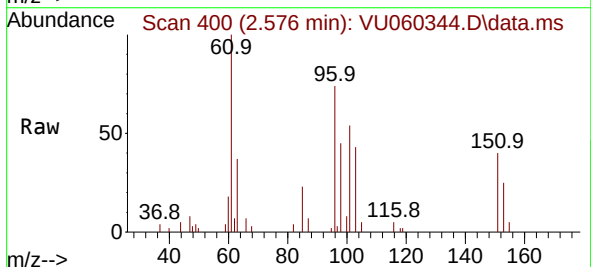
Tgt Ion:101 Resp: 12200
Ion Ratio Lower Upper
101 100
103 69.5 51.0 76.4

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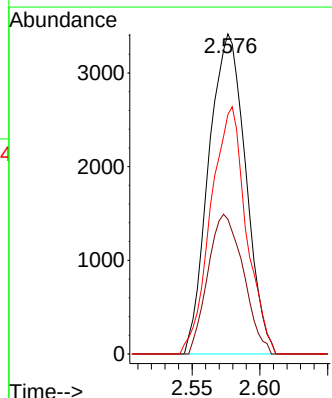
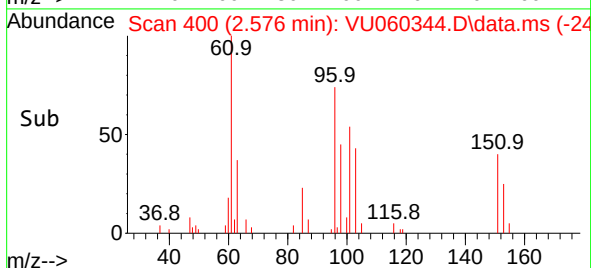
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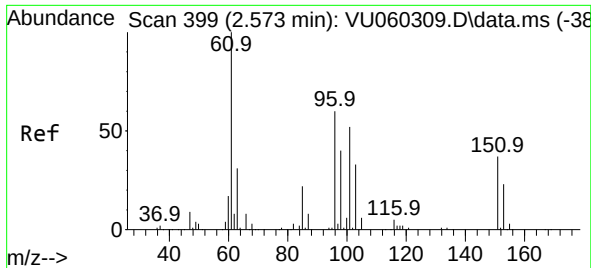


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.766 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



Tgt Ion:101 Resp: 6472
Ion Ratio Lower Upper
101 100
85 41.9 34.9 52.3
151 74.2 57.2 85.8





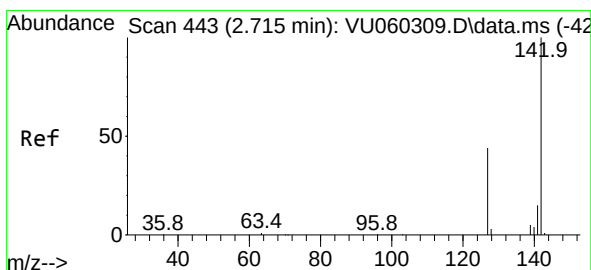
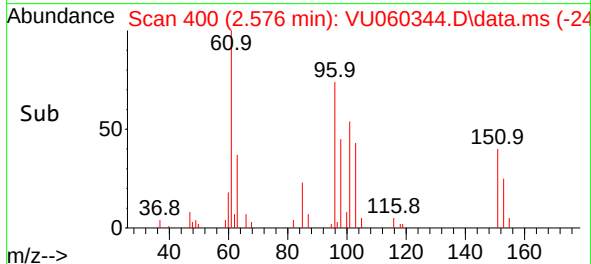
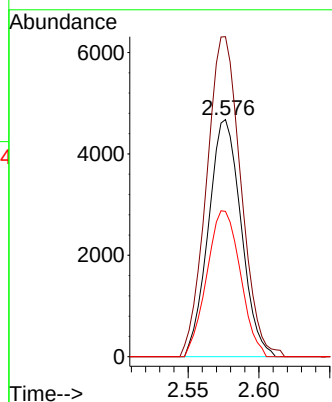
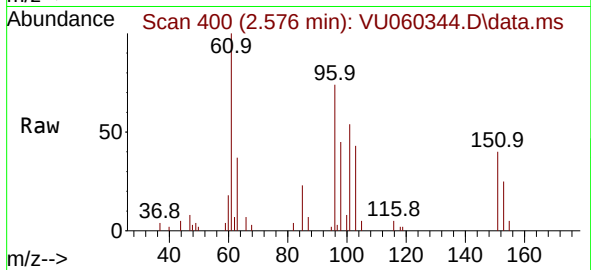
#9
1,1-Dichloroethene
Concen: 0.858 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 96 Resp: 7510
Ion Ratio Lower Upper
96 100
61 130.1 0.0 495.9
98 59.1 0.0 131.6

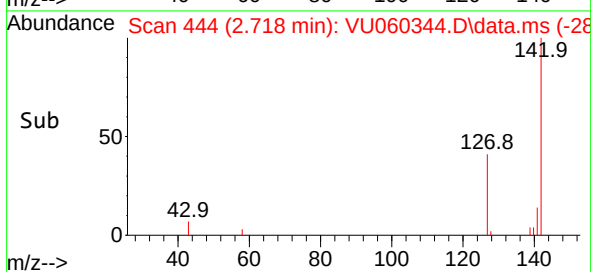
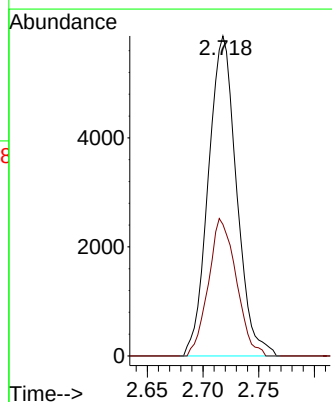
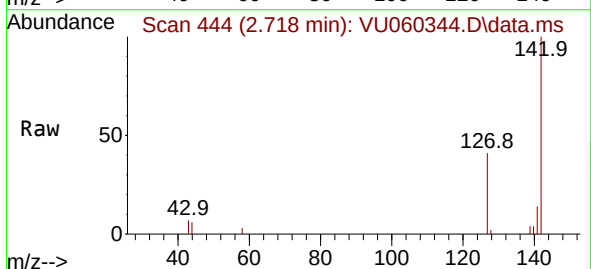
Manual Integrations
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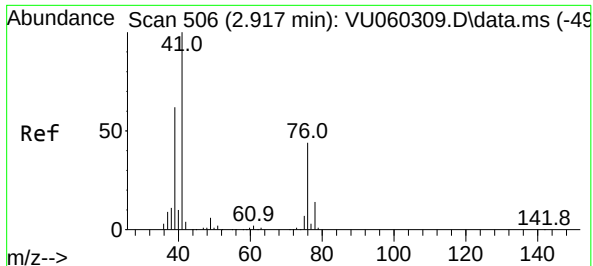
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#10
Iodomethane
Concen: 0.798 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

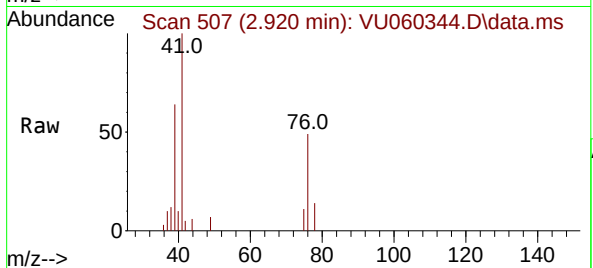
Tgt Ion:142 Resp: 10348
Ion Ratio Lower Upper
142 100
127 42.4 35.5 53.3





#11
Allyl Chloride
Concen: 0.674 ug/l
RT: 2.920 min Scan# 506
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

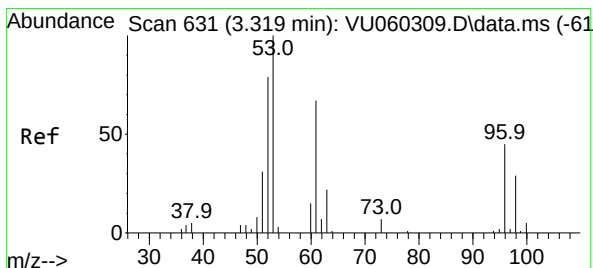
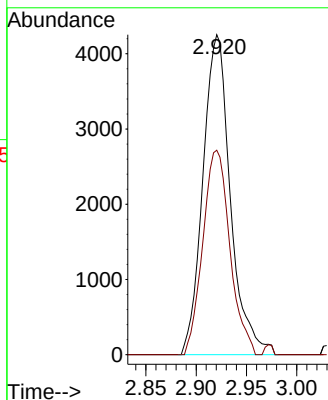
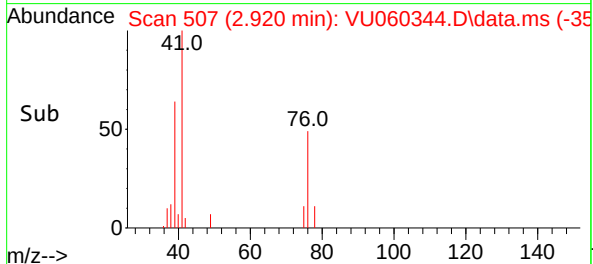
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 41 Resp: 808
Ion Ratio Lower Upper
41 100
39 62.9 50.0 75.0

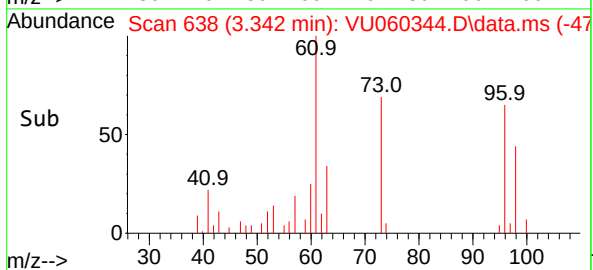
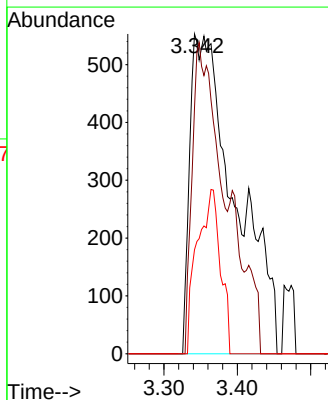
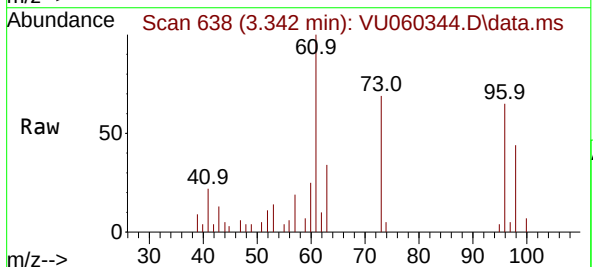
Manual Integrations
APPROVED

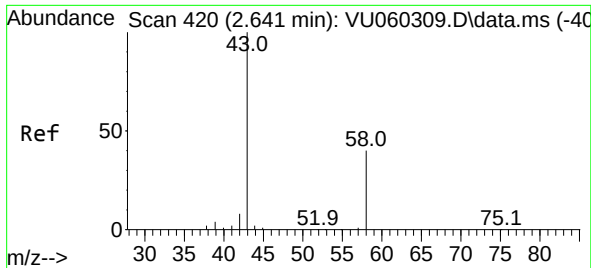
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#12
Acrylonitrile
Concen: 1.037 ug/l m
RT: 3.342 min Scan# 638
Delta R.T. 0.023 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

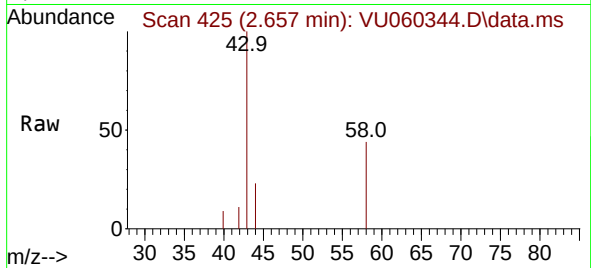
Tgt Ion: 53 Resp: 2371
Ion Ratio Lower Upper
53 100
52 54.7 63.7 95.5#
51 26.2 28.2 42.4#





#13
Acetone
Concen: 1.924 ug/l m
RT: 2.657 min Scan# 41
Delta R.T. 0.016 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

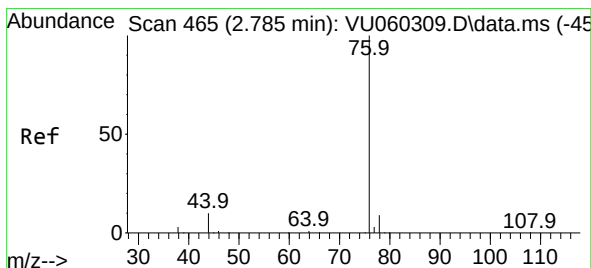
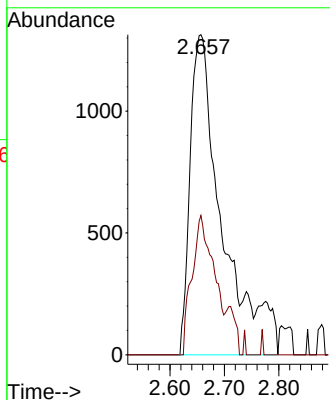
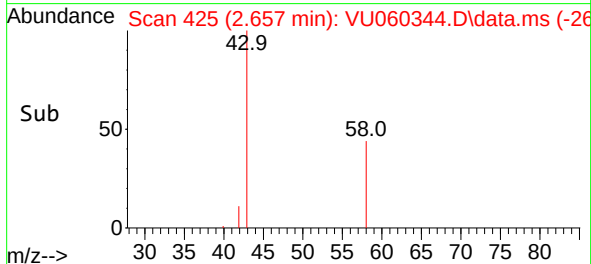
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



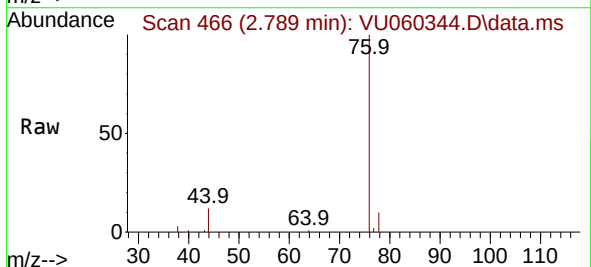
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 43.5 31.8 47.8

Manual Integrations
APPROVED

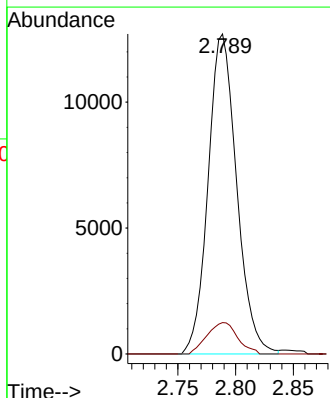
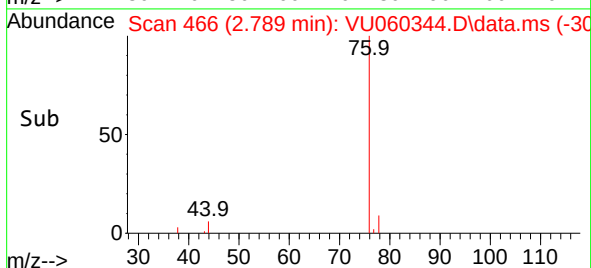
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

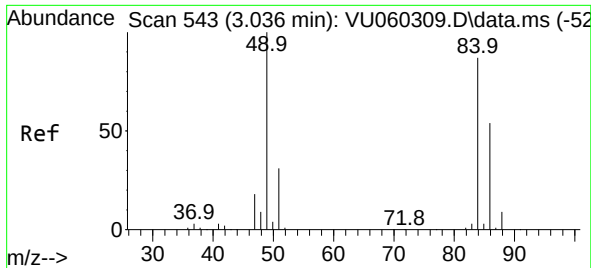


#14
Carbon Disulfide
Concen: 0.736 ug/l
RT: 2.789 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



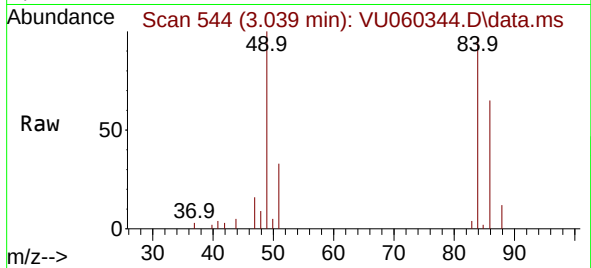
Tgt Ion: 76 Resp: 21849
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0





#15
Methylene Chloride
Concen: 0.907 ug/l
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

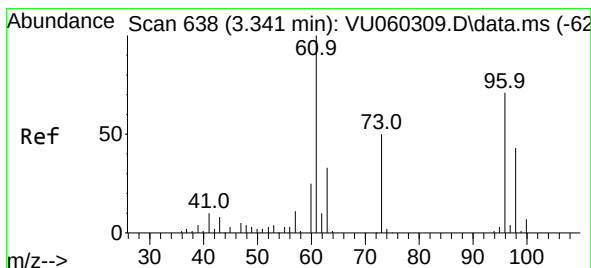
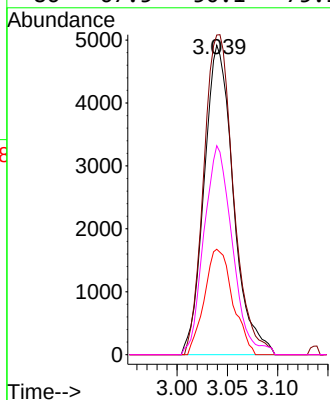
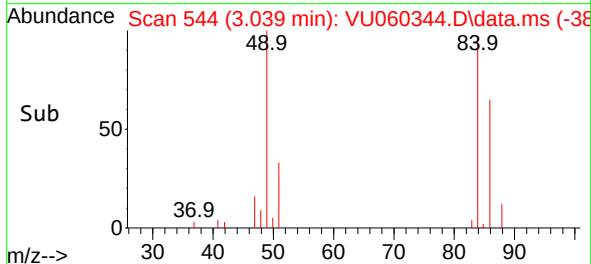
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



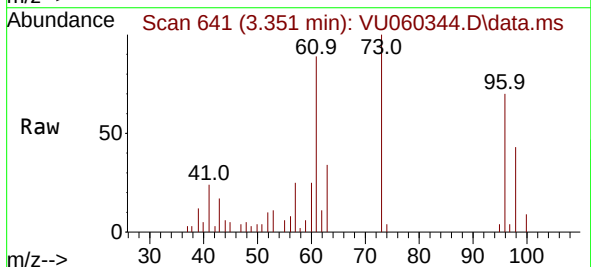
Tgt Ion: 84 Resp: 993
Ion Ratio Lower Upper
84 100
49 103.3 92.1 138.1
51 34.1 0.0 72.4
86 67.5 50.1 75.1

Manual Integrations
APPROVED

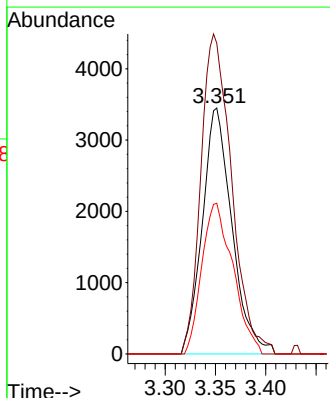
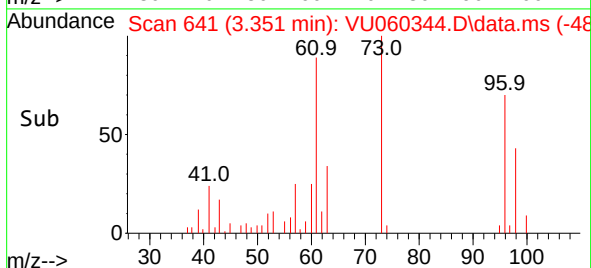
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

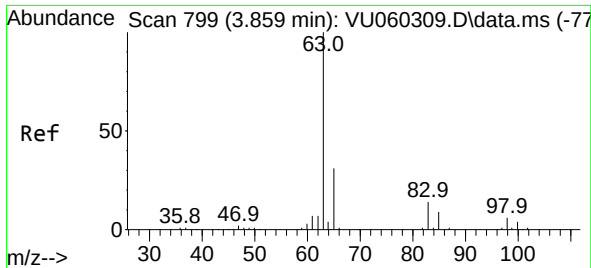


#16
trans-1,2-Dichloroethene
Concen: 0.754 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.010 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



Tgt Ion: 96 Resp: 7071
Ion Ratio Lower Upper
96 100
61 126.4 112.8 169.2
98 61.3 48.7 73.1





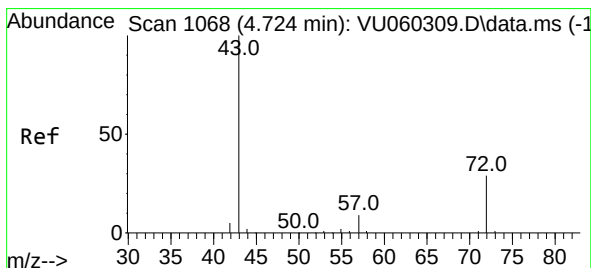
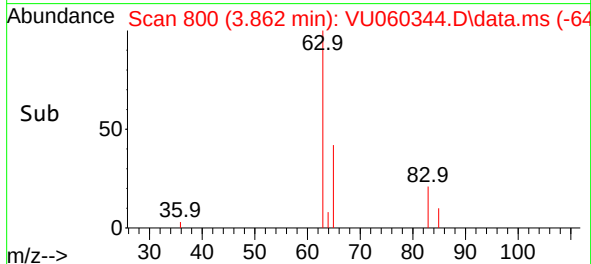
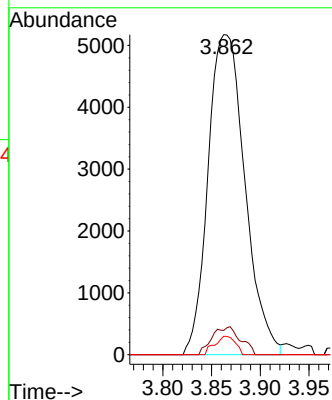
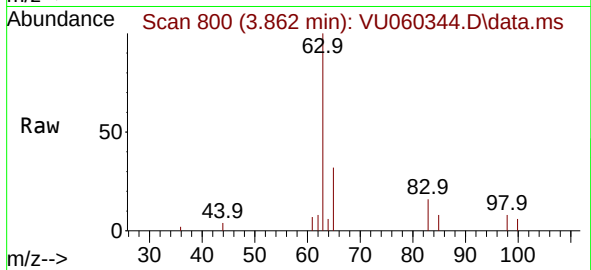
#17
1,1-Dichloroethane
Concen: 0.754 ug/l
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 63 Resp: 1360
Ion Ratio Lower Upper
63 100
98 7.6 3.1 9.4
100 5.8 2.0 5.8

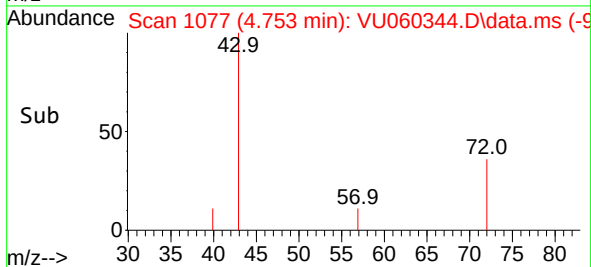
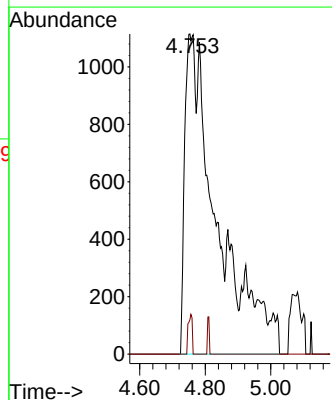
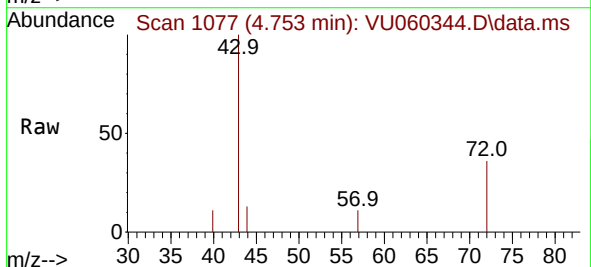
Manual Integrations
APPROVED

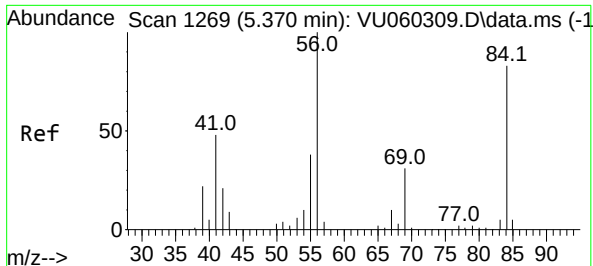
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#18
2-Butanone
Concen: 2.383 ug/l m
RT: 4.753 min Scan# 1077
Delta R.T. 0.029 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 43 Resp: 7646
Ion Ratio Lower Upper
43 100
57 10.8 0.0 18.4





#19

Cyclohexane

Concen: 0.539 ug/l m

RT: 5.377 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

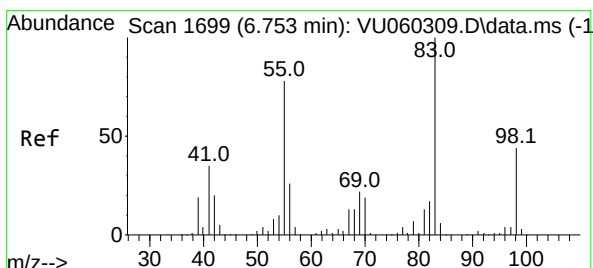
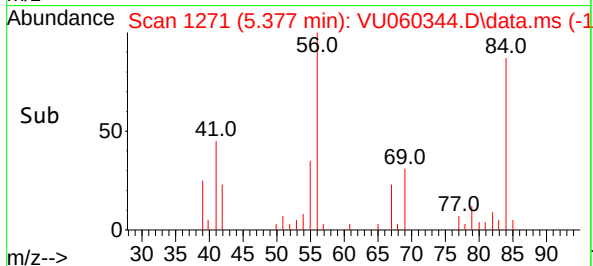
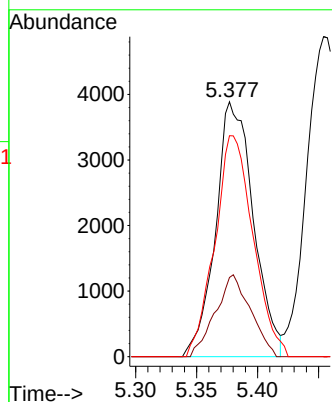
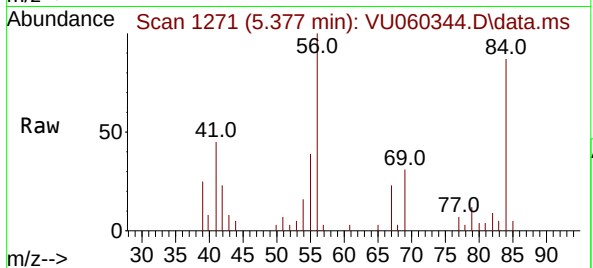
MDL-WATER-03-QT3-2024

Tgt Ion: 56	Resp: 8374
Ion Ratio	Lower Upper
56 100	
69 30.0	24.2 36.2
84 87.9	63.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#20

Methylcyclohexane

Concen: 0.655 ug/l

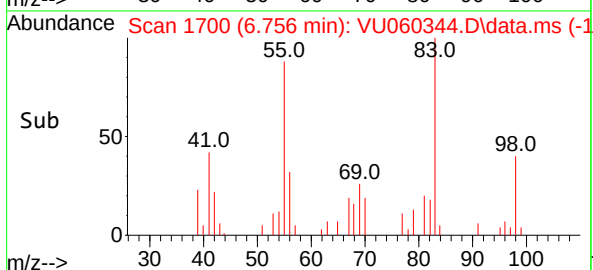
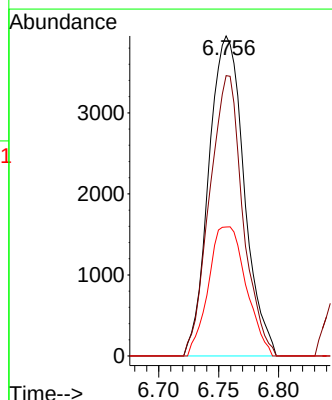
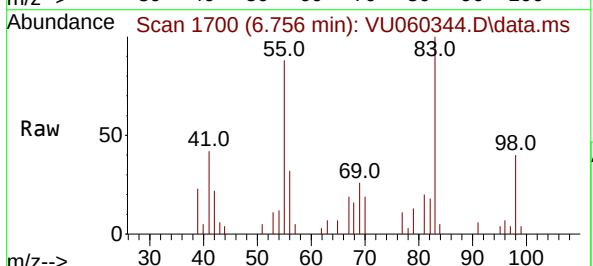
RT: 6.756 min Scan# 1700

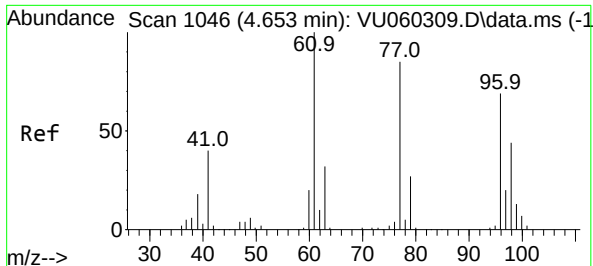
Delta R.T. 0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Tgt Ion: 83	Resp: 8077
Ion Ratio	Lower Upper
83 100	
55 82.8	62.2 93.2
98 42.9	36.1 54.1





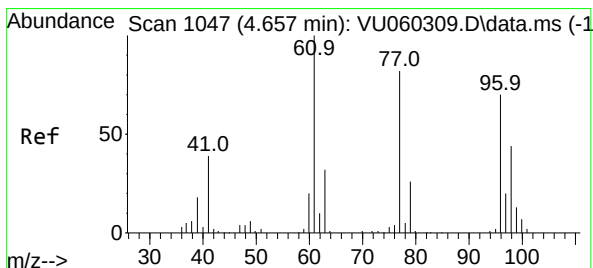
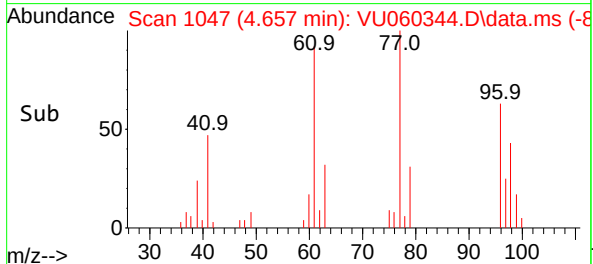
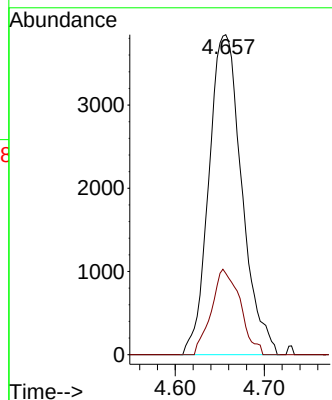
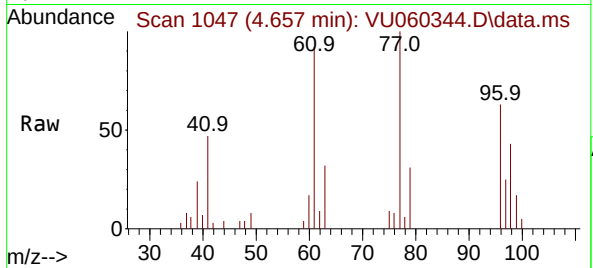
#21
2,2-Dichloropropane
Concen: 0.703 ug/l
RT: 4.657 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 77 Resp: 9864
Ion Ratio Lower Upper
77 100
97 23.4 18.6 27.8

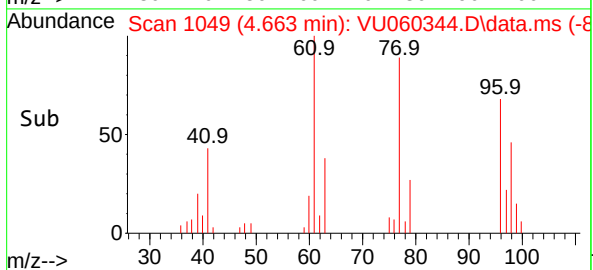
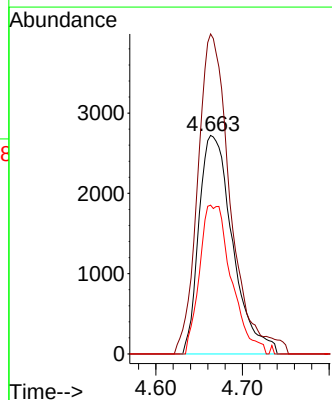
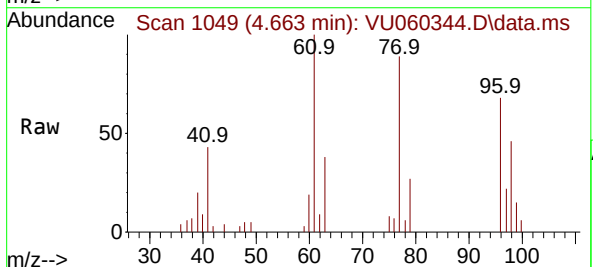
Manual Integrations
APPROVED

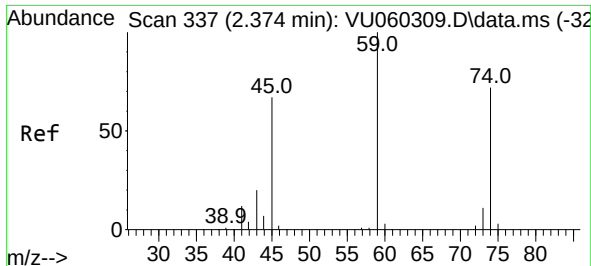
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#22
cis-1,2-Dichloroethene
Concen: 0.731 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.007 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 96 Resp: 7348
Ion Ratio Lower Upper
96 100
61 142.0 0.0 372.8
98 64.2 31.8 95.4





#23

Diethyl Ether

Concen: 0.786 ug/l

RT: 2.374 min Scan# 337

Delta R.T. 0.000 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

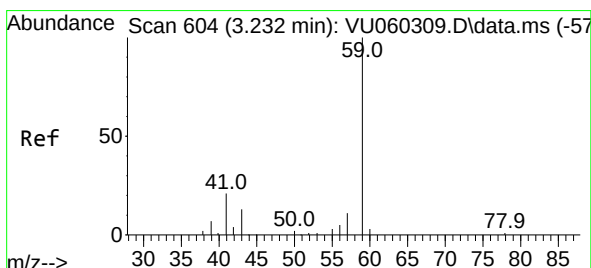
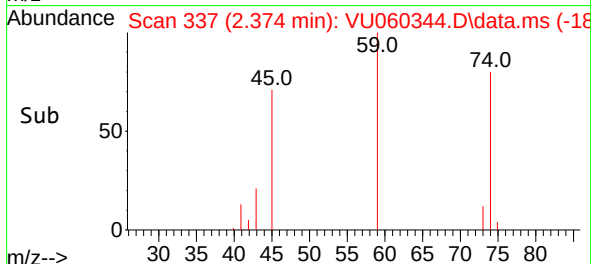
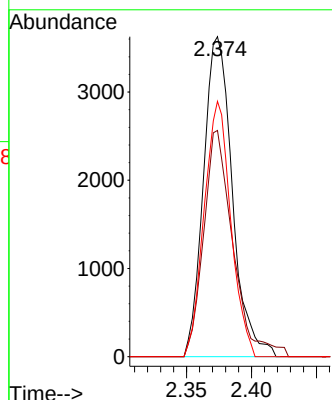
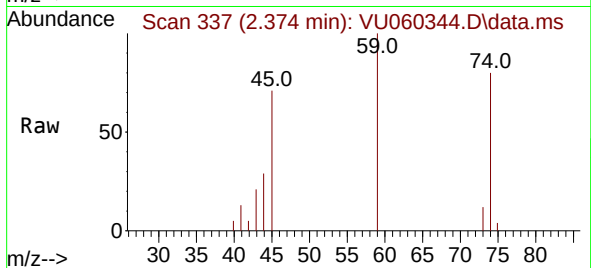
MDL-WATER-03-QT3-2024

Tgt Ion:	59	Resp:	5592
Ion Ratio	Lower	Upper	
59	100		
45	71.8	55.8	83.6
74	73.7	59.2	88.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#24

tert-Butyl Alcohol

Concen: 3.272 ug/l m

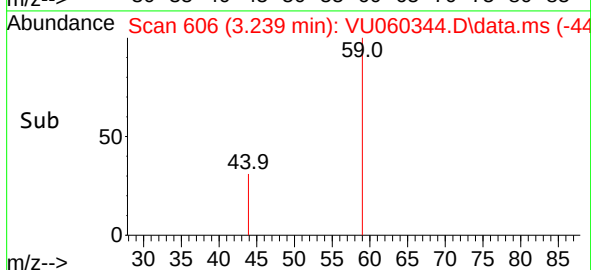
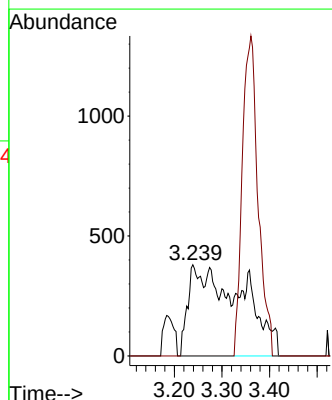
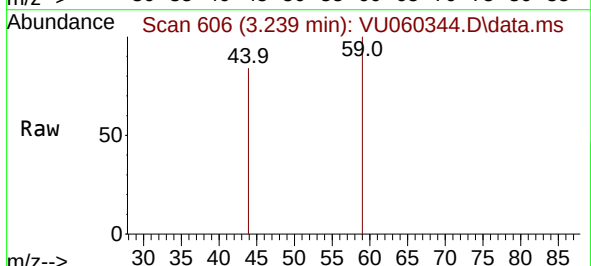
RT: 3.239 min Scan# 606

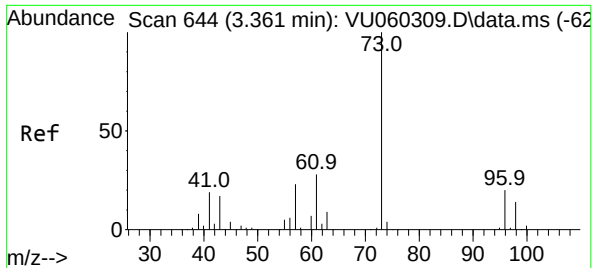
Delta R.T. 0.007 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

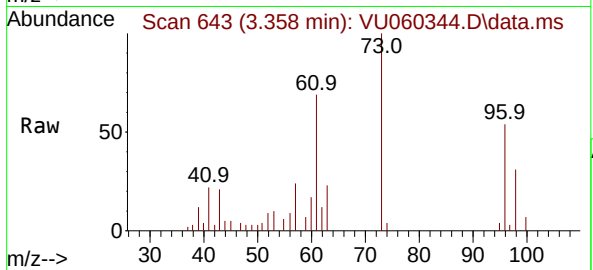
Tgt Ion:	59	Resp:	2907
Ion Ratio	Lower	Upper	
59	100		
57	0.0	4.5	6.7#





#25
Methyl tert-Butyl Ether
Concen: 0.610 ug/l
RT: 3.358 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

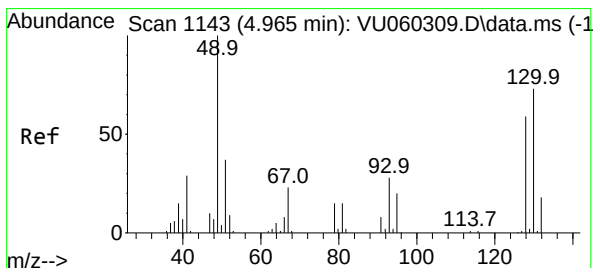
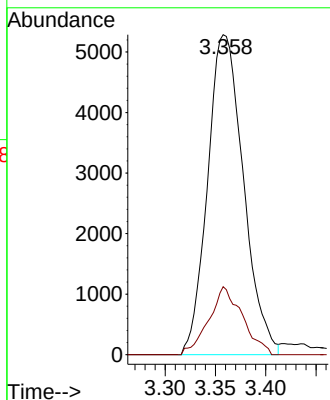
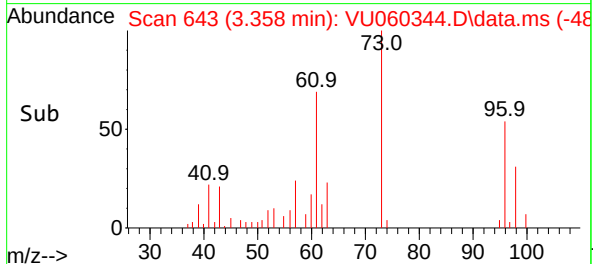
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



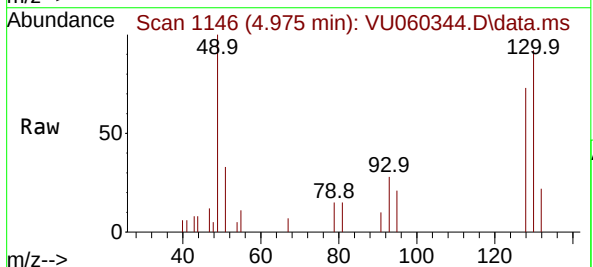
Tgt Ion: 73 Resp: 13090
Ion Ratio Lower Upper
73 100
43 20.0 14.1 21.1

Manual Integrations
APPROVED

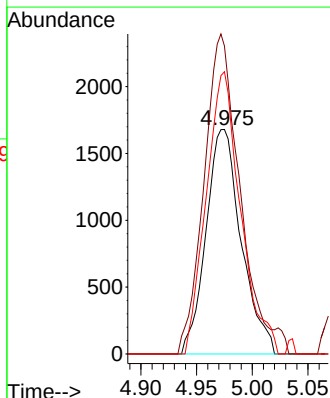
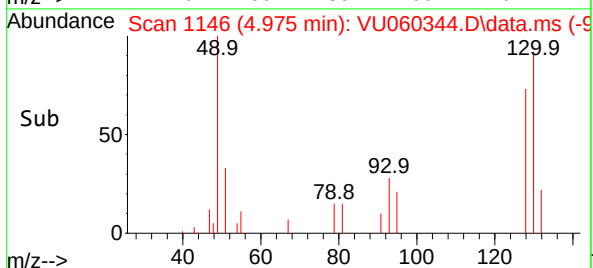
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

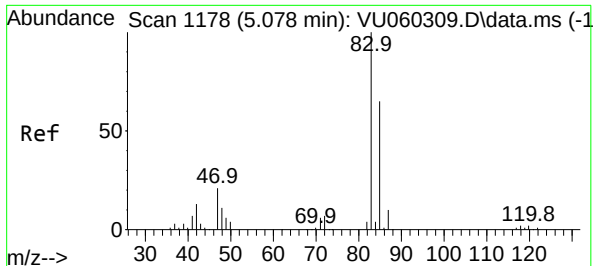


#26
Bromochloromethane
Concen: 0.868 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.010 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



Tgt Ion:128 Resp: 3692
Ion Ratio Lower Upper
128 100
49 146.6 0.0 340.8
130 122.6 102.1 153.1





#27

Chloroform

Concen: 0.836 ug/l

RT: 5.084 min Scan# 1178

Delta R.T. 0.007 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

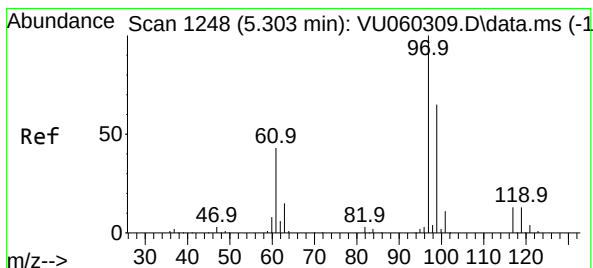
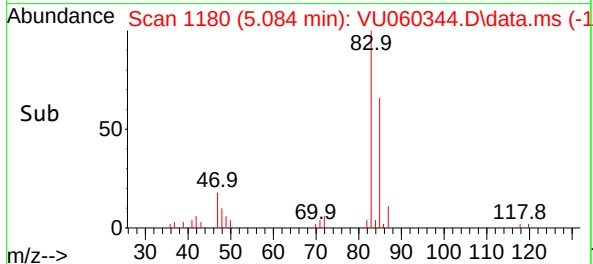
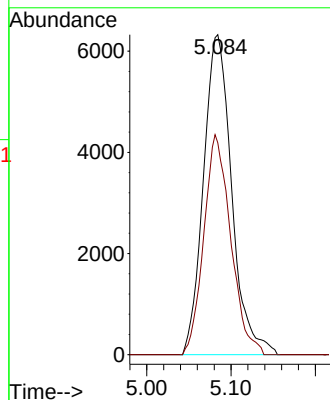
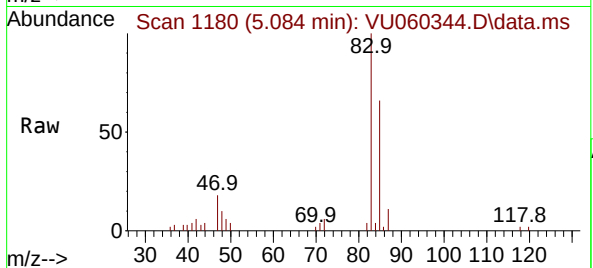
ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 83 Resp: 1474
 Ion Ratio Lower Upper
 83 100
 85 66.2 0.0 131.0

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Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024



#28

1,1,1-Trichloroethane

Concen: 0.790 ug/l

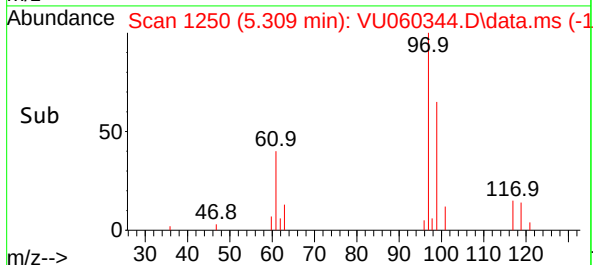
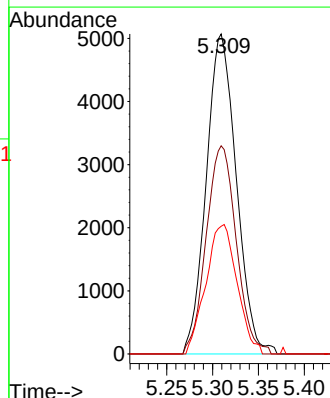
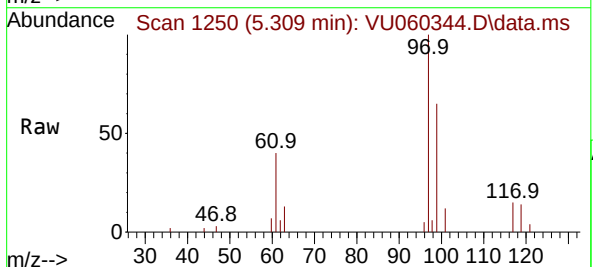
RT: 5.309 min Scan# 1250

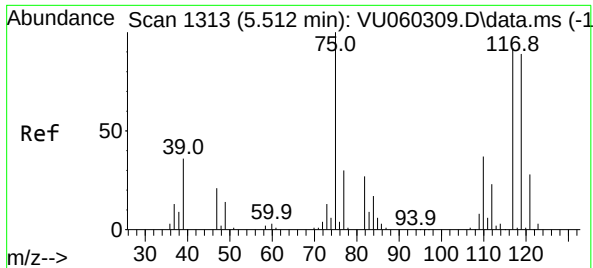
Delta R.T. 0.007 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

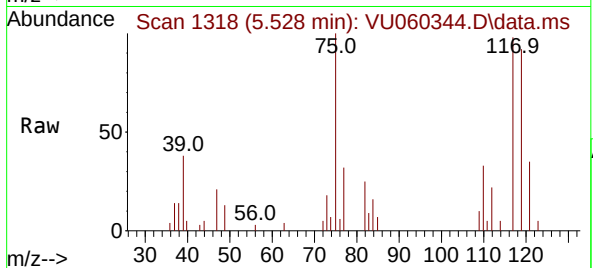
Tgt Ion: 97 Resp: 11580
 Ion Ratio Lower Upper
 97 100
 99 65.0 32.8 98.4
 61 42.0 22.3 66.9





#29
1,1-Dichloropropene
Concen: 0.696 ug/l
RT: 5.528 min Scan# 1318
Delta R.T. 0.016 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

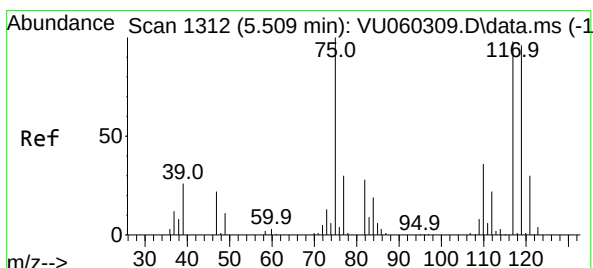
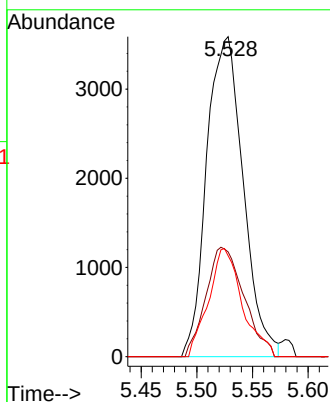
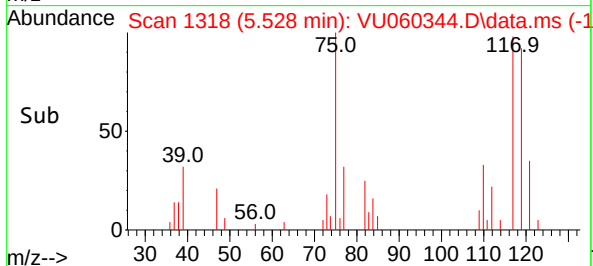
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



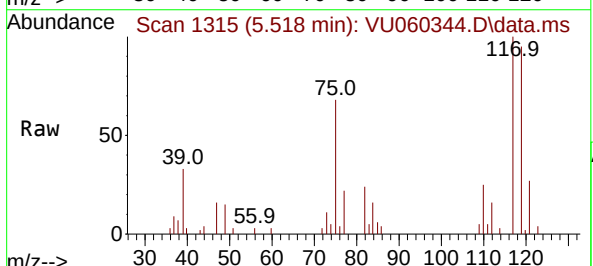
Tgt Ion: 75 Resp: 817
Ion Ratio Lower Upper
75 100
110 35.5 18.4 55.2
77 31.3 24.8 37.2

Manual Integrations
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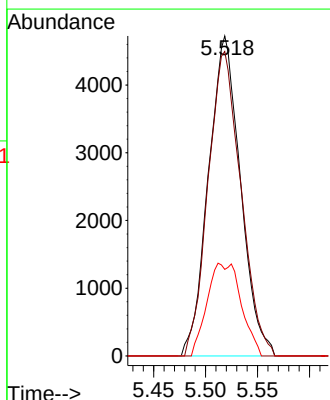
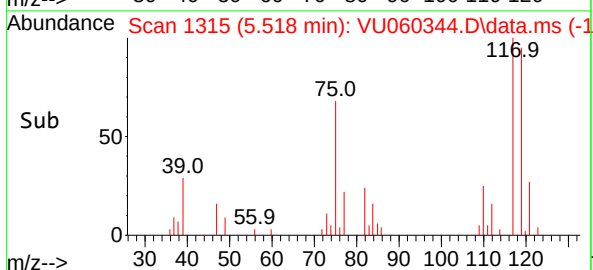
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

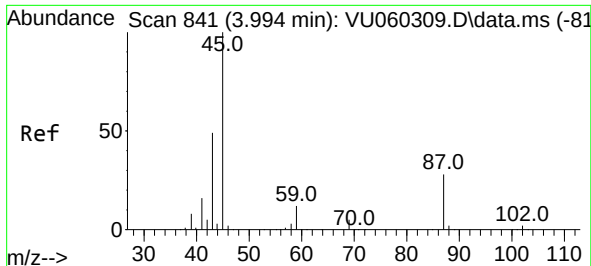


#30
Carbon Tetrachloride
Concen: 0.848 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.010 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



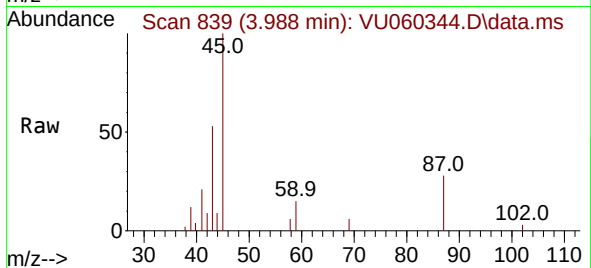
Tgt Ion:117 Resp: 10129
Ion Ratio Lower Upper
117 100
119 95.1 77.8 116.6
121 27.0 24.2 36.2





#31
Isopropyl Ether
Concen: 0.567 ug/l
RT: 3.988 min Scan# 811
Delta R.T. -0.006 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

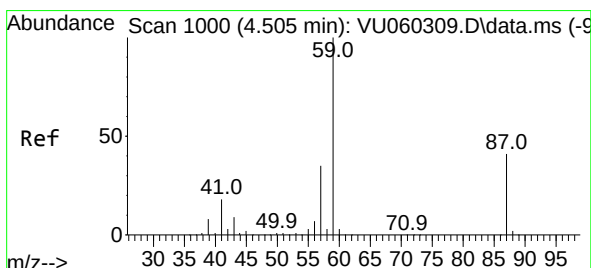
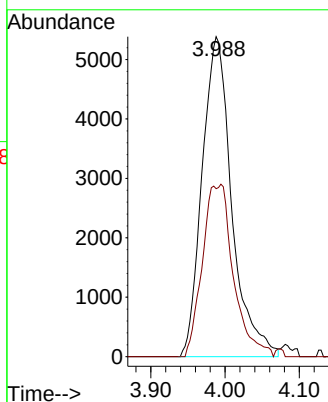
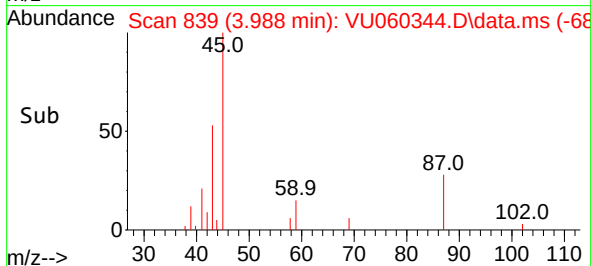
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



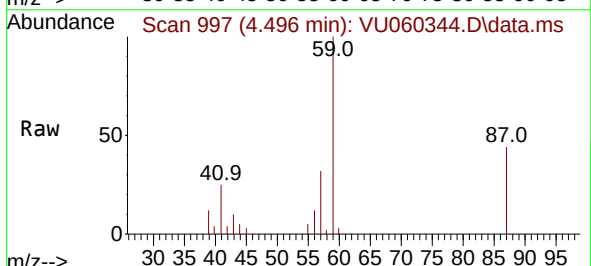
Tgt Ion: 45 Resp: 1493
Ion Ratio Lower Upper
45 100
43 26.5 24.7 74.1

Manual Integrations
APPROVED

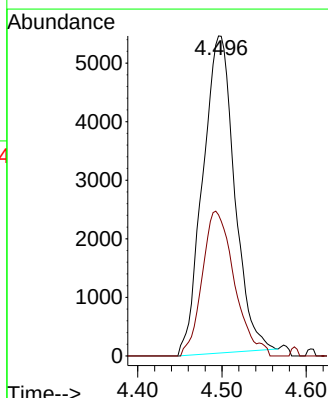
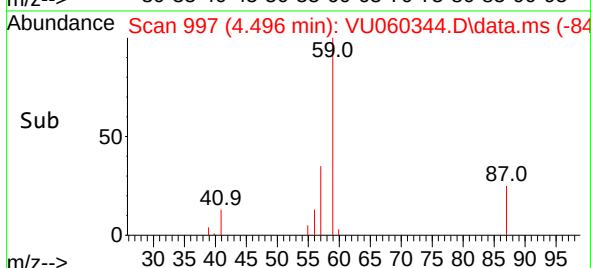
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

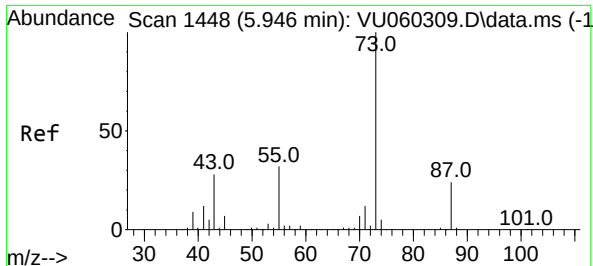


#32
Ethyl-t-butyl ether
Concen: 0.556 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.010 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



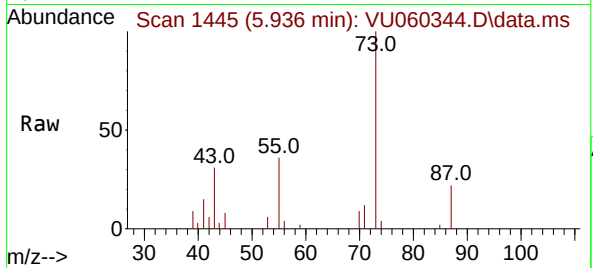
Tgt Ion: 59 Resp: 14172
Ion Ratio Lower Upper
59 100
87 46.2 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 0.713 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. -0.010 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

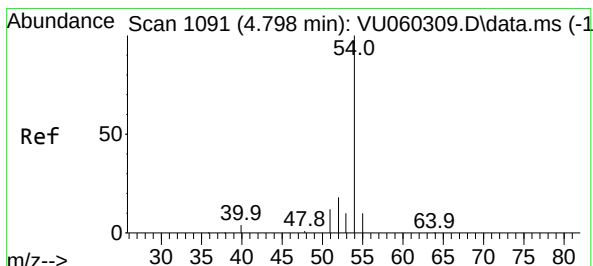
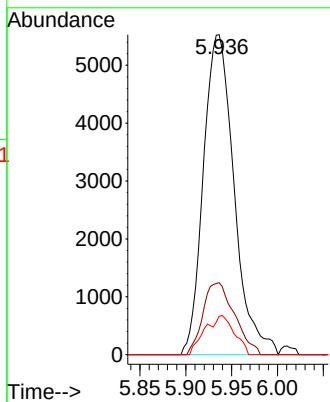
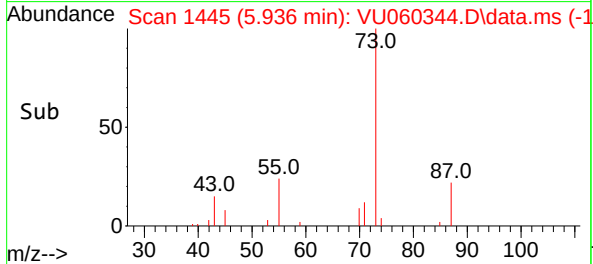
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



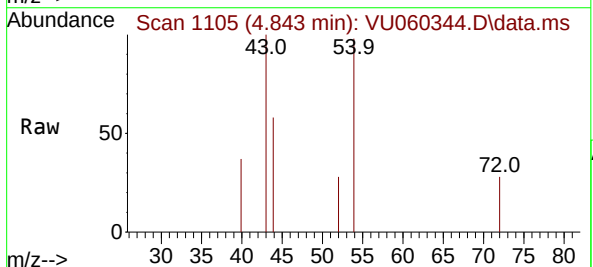
Tgt Ion: 73 Resp: 1289
Ion Ratio Lower Upper
73 100
87 23.1 19.6 29.4
71 11.7 9.5 14.3

Manual Integrations
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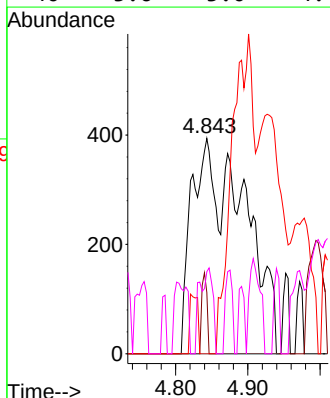
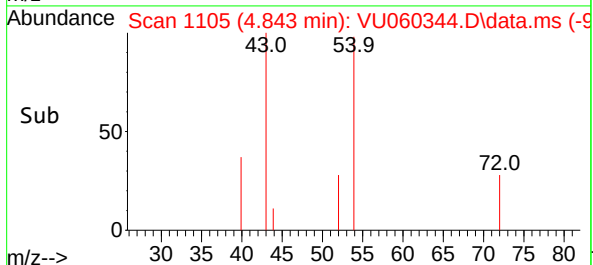
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

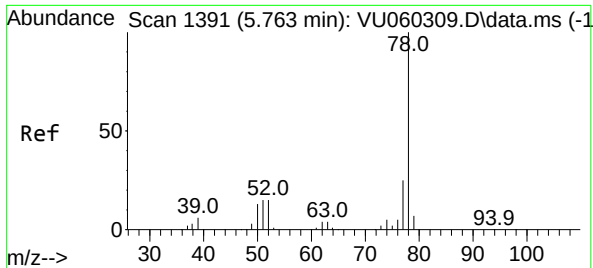


#34
Propionitrile
Concen: 2.177 ug/l m
RT: 4.843 min Scan# 1105
Delta R.T. 0.045 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



Tgt Ion: 54 Resp: 1996
Ion Ratio Lower Upper
54 100
52 0.0 16.4 24.6#
55 4.1 5.2 7.8#
40 3.6 3.0 4.4





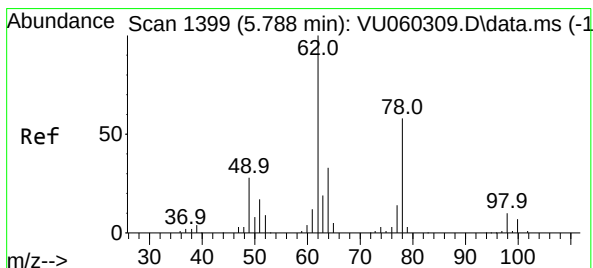
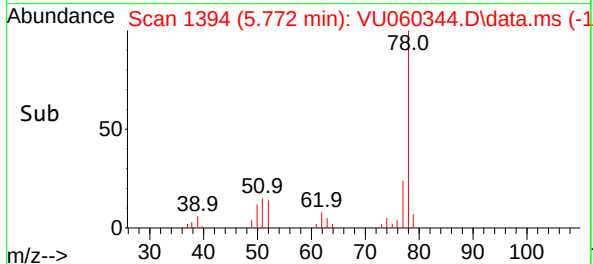
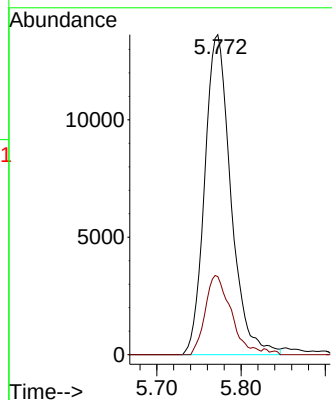
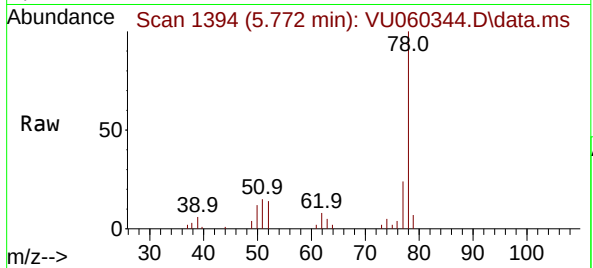
#35
Benzene
Concen: 0.814 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 78 Resp: 2945
Ion Ratio Lower Upper
78 100
77 24.4 20.2 30.2

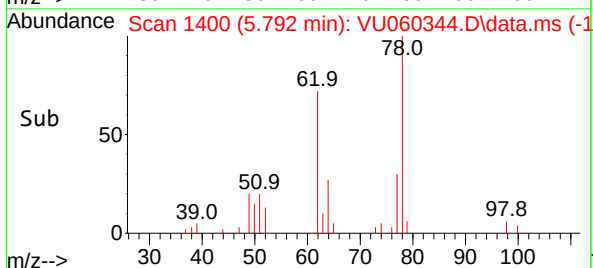
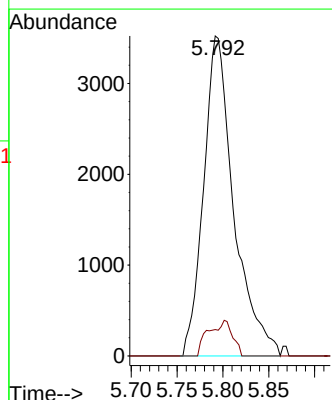
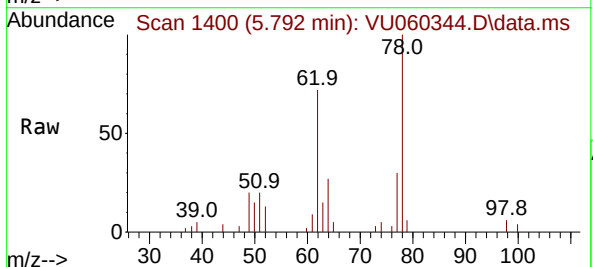
Manual Integrations
APPROVED

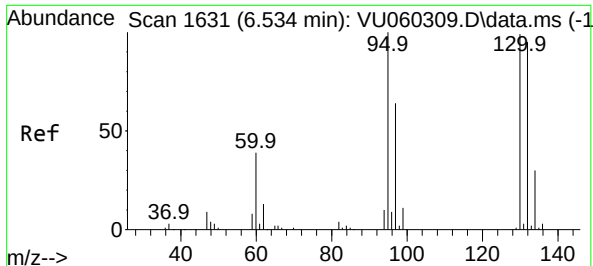
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#36
1,2-Dichloroethane
Concen: 0.802 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

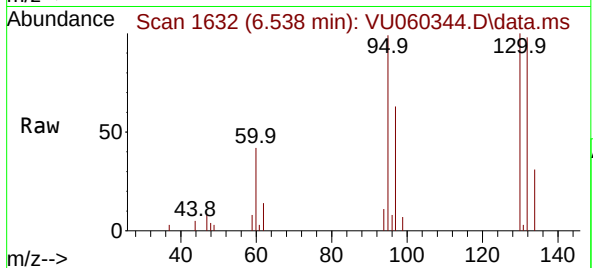
Tgt Ion: 62 Resp: 8062
Ion Ratio Lower Upper
62 100
98 8.8 8.1 12.1





#37
Trichloroethene
Concen: 0.846 ug/l
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

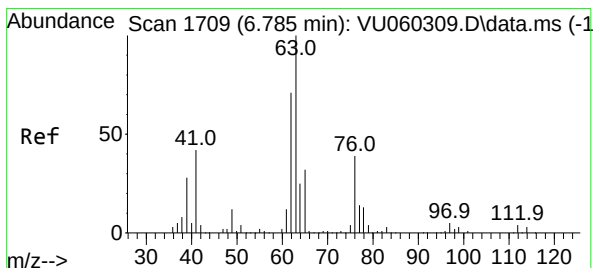
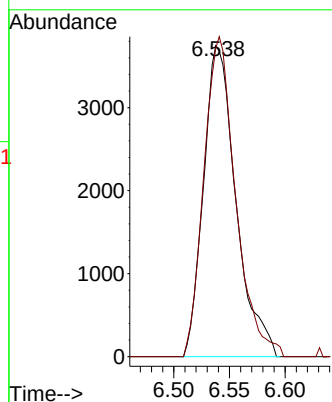
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:130 Resp: 7578
Ion Ratio Lower Upper
130 100
95 99.1 80.6 121.0

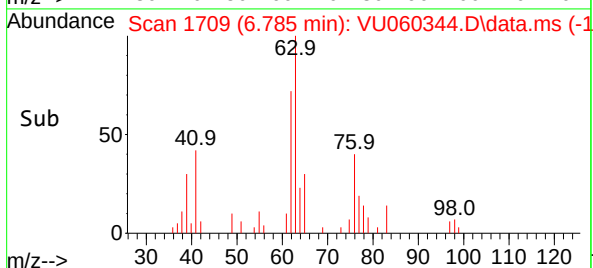
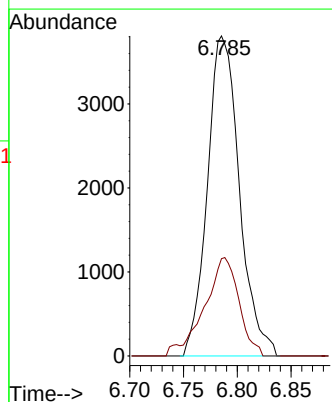
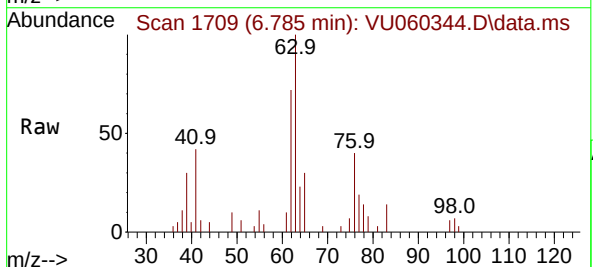
Manual Integrations
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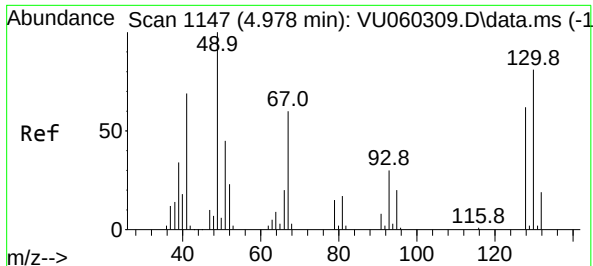
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#38
1,2-Dichloropropane
Concen: 0.806 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 63 Resp: 7886
Ion Ratio Lower Upper
63 100
65 30.4 25.6 38.4





#39

Methacrylonitrile

Concen: 0.370 ug/l m

RT: 4.994 min Scan# 1152

Delta R.T. 0.016 min

Lab File: VU060344.D

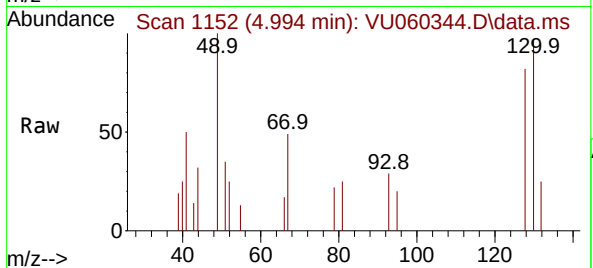
Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2024



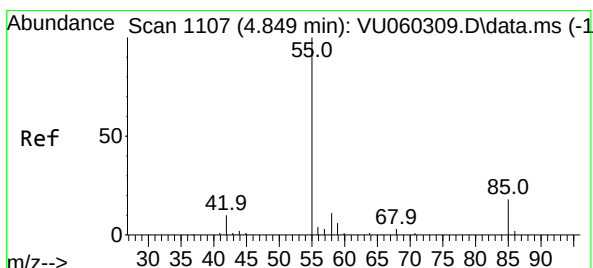
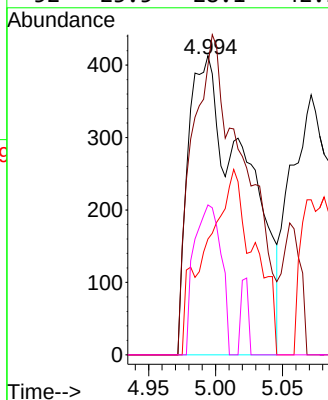
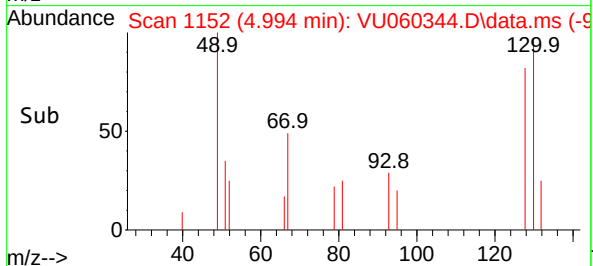
Tgt Ion:	41	Resp:	1228
Ion	Ratio	Lower	Upper
41	100		
67	99.3	67.4	101.0
39	5.4	41.7	62.5
52	23.5	28.1	42.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024

Supervised By :Semsettin Yesilyurt 08/12/2024



#40

Methyl acrylate

Concen: 0.458 ug/l m

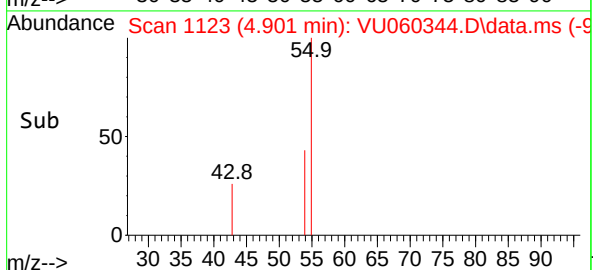
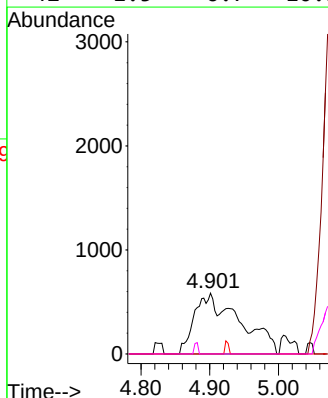
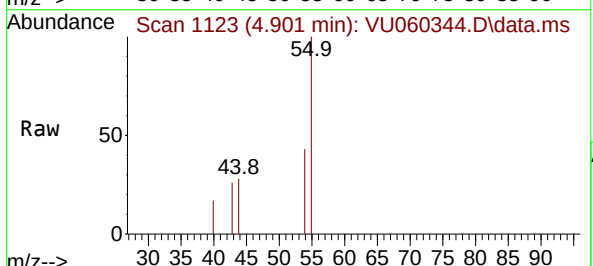
RT: 4.901 min Scan# 1123

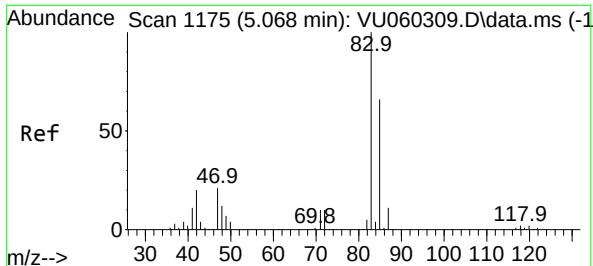
Delta R.T. 0.052 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Tgt Ion:	55	Resp:	2663
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.6	20.4
58	1.7	7.6	11.4
42	1.5	6.7	10.1





#41

Tetrahydrofuran

Concen: 0.826 ug/l m

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2024

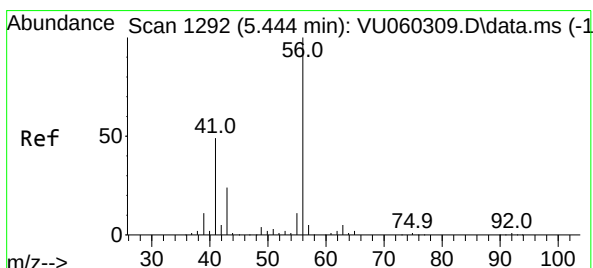
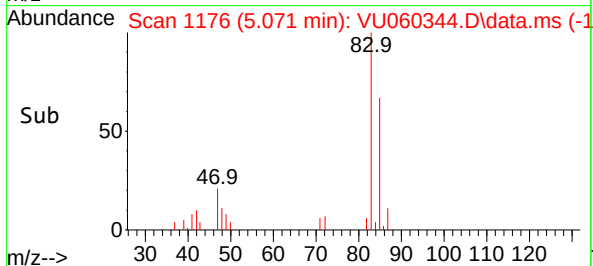
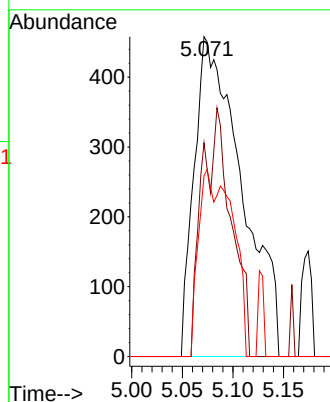
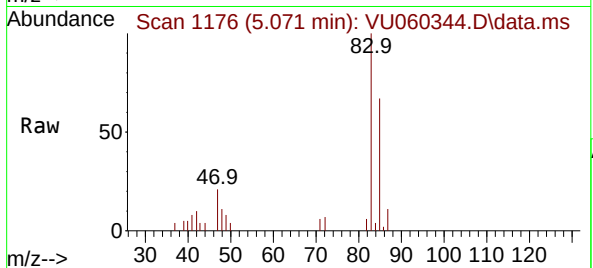
Tgt Ion:	42	Resp:	149
Ion Ratio	Lower	Upper	
42	100		
72	17.6	40.6	60.8
71	18.9	38.0	57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024

Supervised By :Semsettin Yesilyurt 08/12/2024



#42

1-Chlorobutane

Concen: 0.691 ug/l

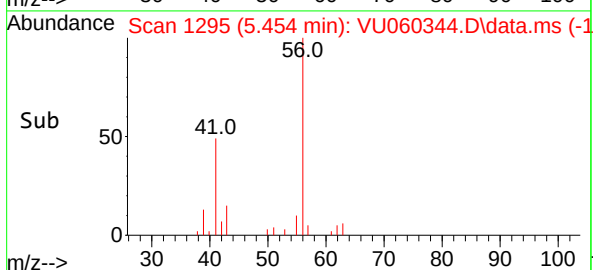
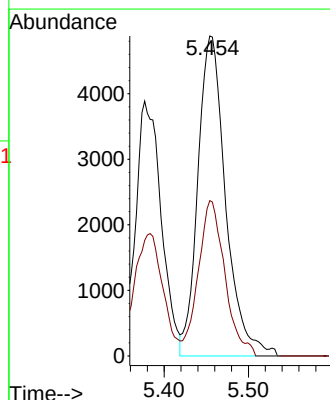
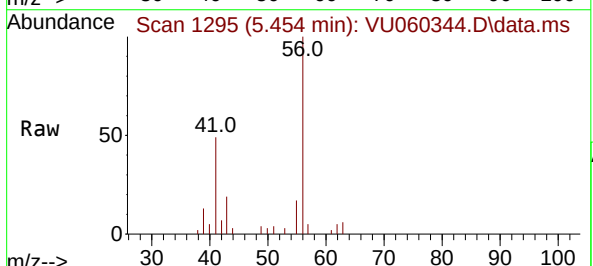
RT: 5.454 min Scan# 1295

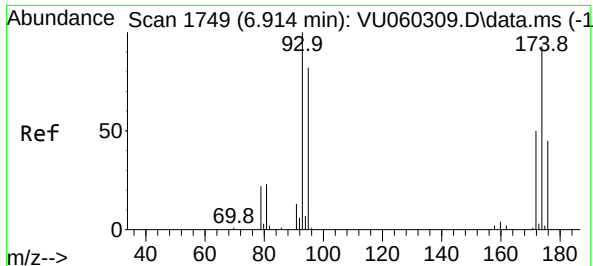
Delta R.T. 0.010 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

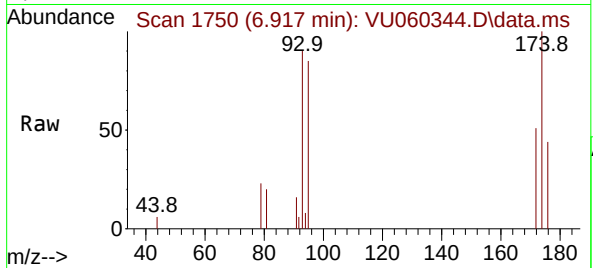
Tgt Ion:	56	Resp:	11193
Ion Ratio	Lower	Upper	
56	100		
41	46.7	23.8	71.5





#43
Dibromomethane
Concen: 0.796 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

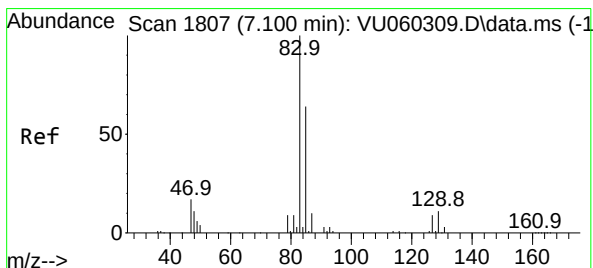
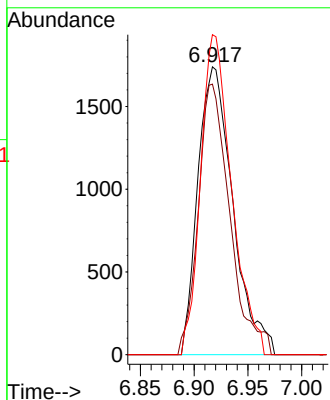
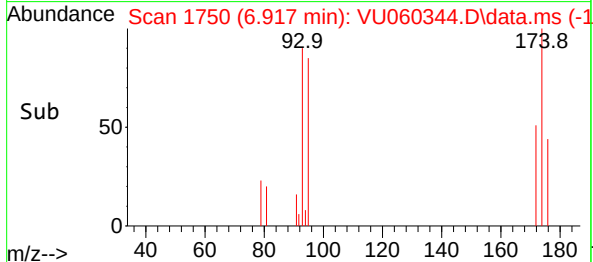
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



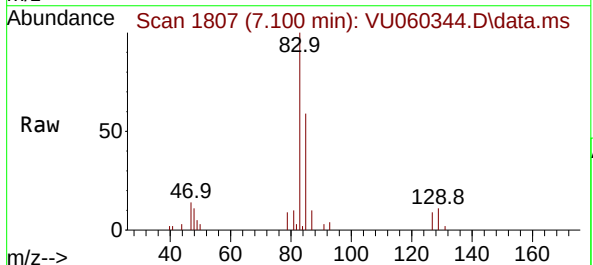
Tgt Ion: 93 Resp: 3940
Ion Ratio Lower Upper
93 100
95 84.7 66.4 99.6
174 98.6 75.2 112.8

Manual Integrations
APPROVED

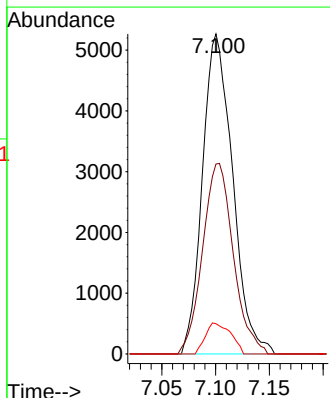
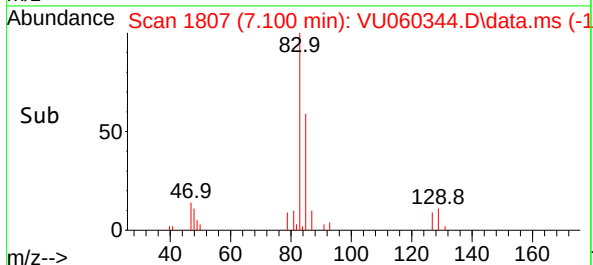
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

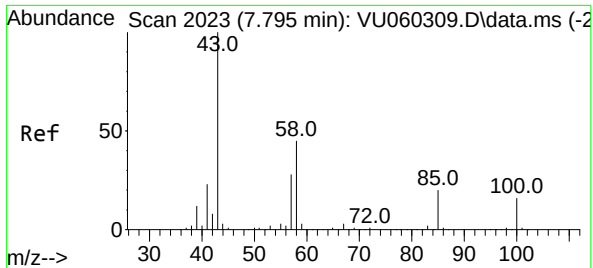


#44
Bromodichloromethane
Concen: 0.862 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



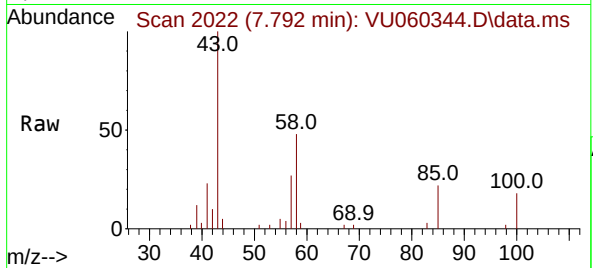
Tgt Ion: 83 Resp: 10252
Ion Ratio Lower Upper
83 100
85 59.3 51.3 76.9
127 9.5 6.8 10.2





#45
4-Methyl-2-Pentanone
Concen: 3.225 ug/l
RT: 7.792 min Scan# 2022
Delta R.T. -0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

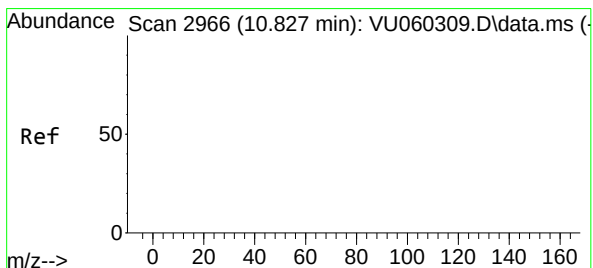
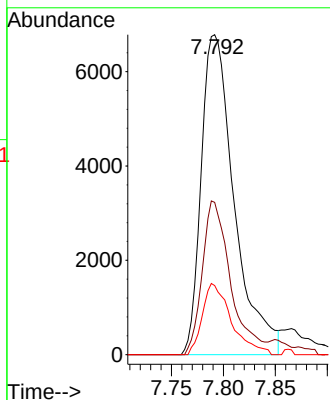
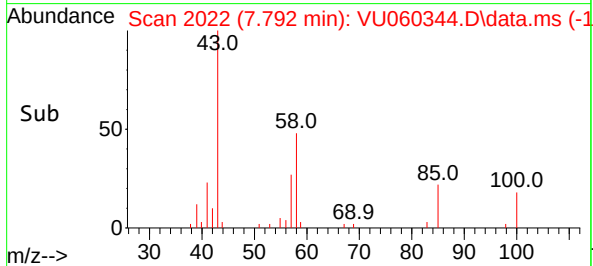
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 1499
Ion Ratio Lower Upper
43 100
58 41.1 22.3 66.9
85 19.6 16.0 24.0

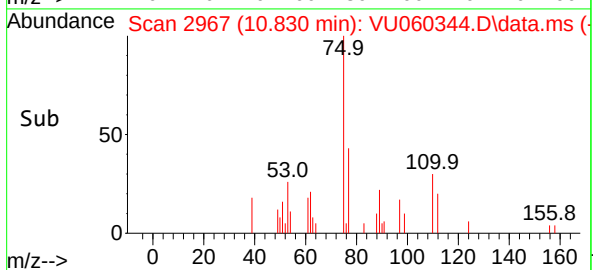
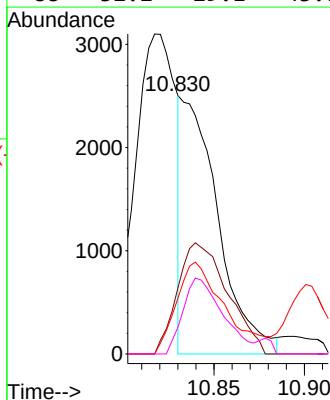
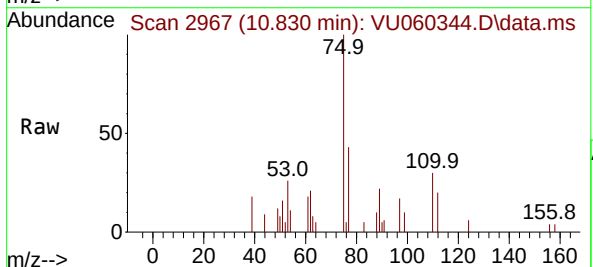
Manual Integrations
APPROVED

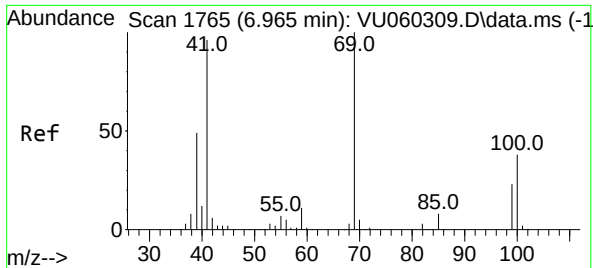
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#46
t-1,4-Dichloro-2-butene
Concen: 1.339 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

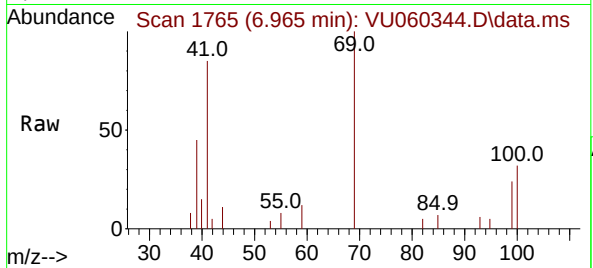
Tgt Ion: 75 Resp: 3489
Ion Ratio Lower Upper
75 100
53 59.5 57.2 85.8
89 47.0 40.4 60.6
88 32.2 29.1 43.7





#47
Methyl methacrylate
Concen: 1.281 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

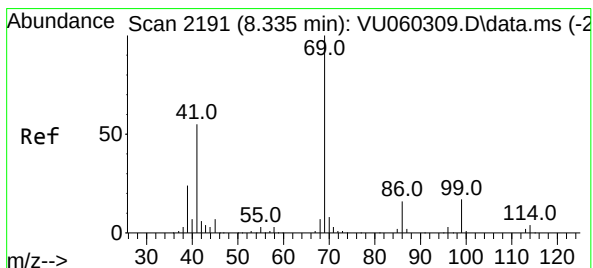
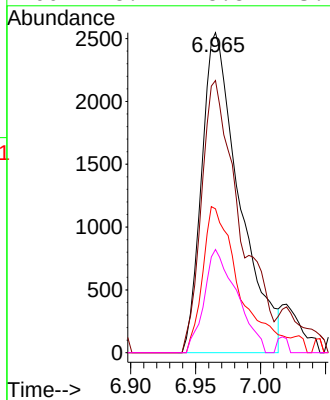
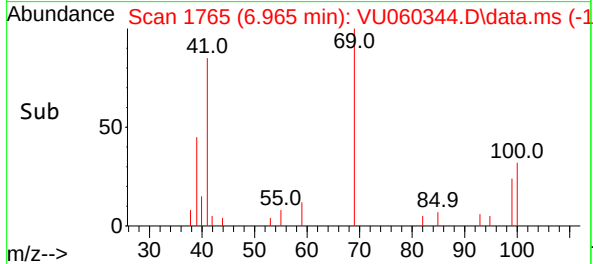
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 69 Resp: 5148
Ion Ratio Lower Upper
69 100
41 86.5 0.0 194.0
39 44.9 38.0 57.0
100 28.1 28.8 43.2#

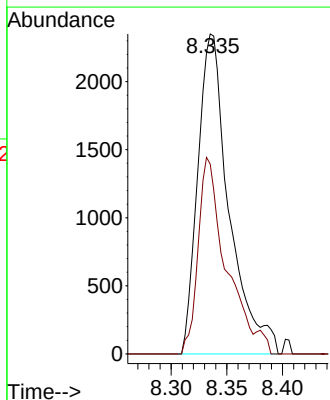
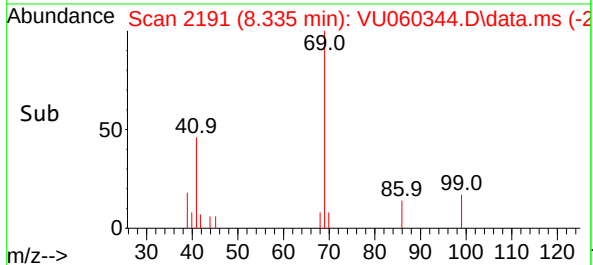
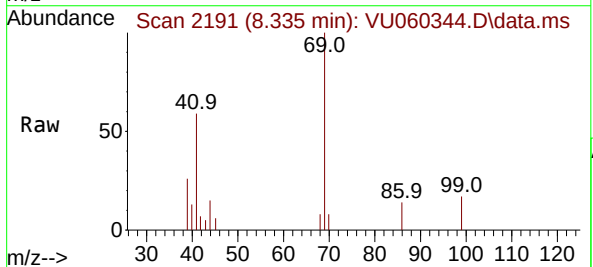
Manual Integrations
APPROVED

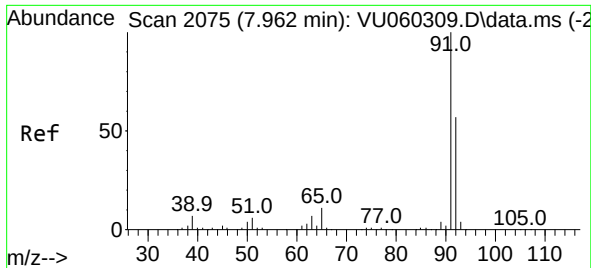
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#48
Ethyl methacrylate
Concen: 0.673 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 69 Resp: 4590
Ion Ratio Lower Upper
69 100
41 55.8 27.5 82.5





#49

Toluene

Concen: 0.767 ug/l

RT: 7.968 min Scan# 2075

Delta R.T. 0.007 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

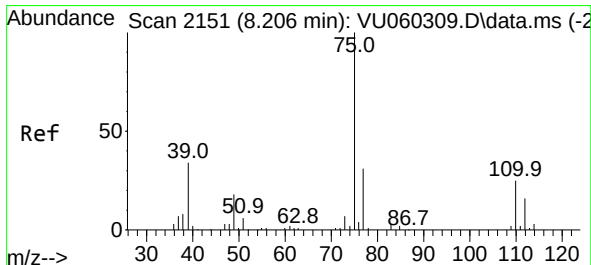
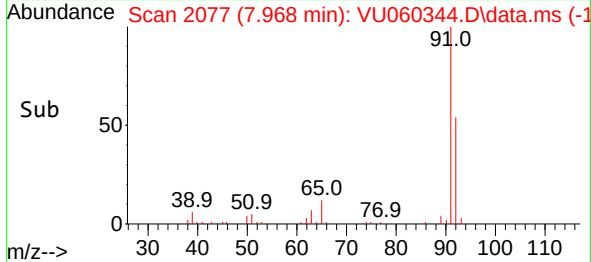
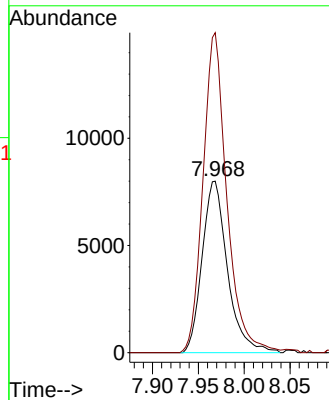
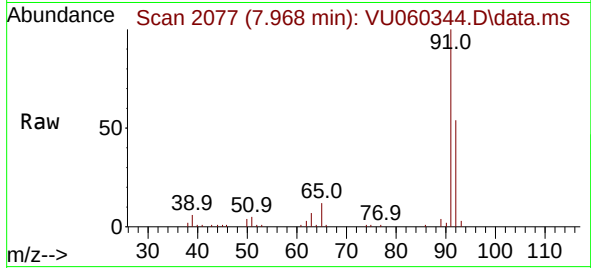
MDL-WATER-03-QT3-2024

Tgt Ion: 92 Resp: 1539
Ion Ratio Lower Upper
92 100
91 175.2 141.0 211.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#50

t-1,3-Dichloropropene

Concen: 0.777 ug/l

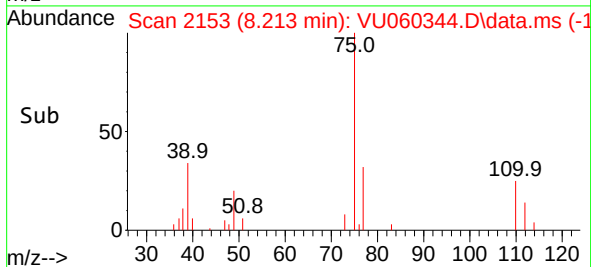
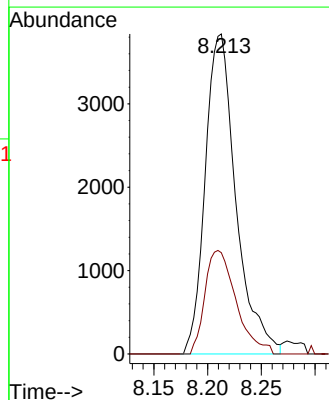
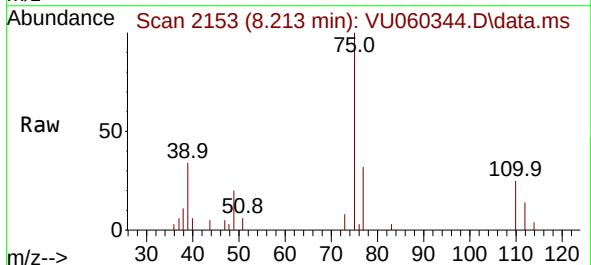
RT: 8.213 min Scan# 2153

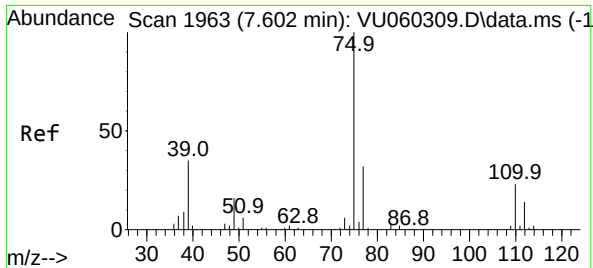
Delta R.T. 0.007 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

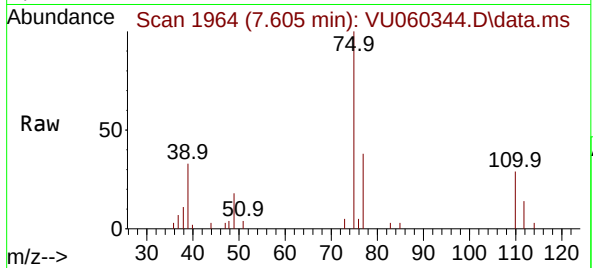
Tgt Ion: 75 Resp: 7630
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0





#51
 cis-1,3-Dichloropropene
 Concen: 0.785 ug/l
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU060344.D
 Acq: 07 Aug 2024 18:23

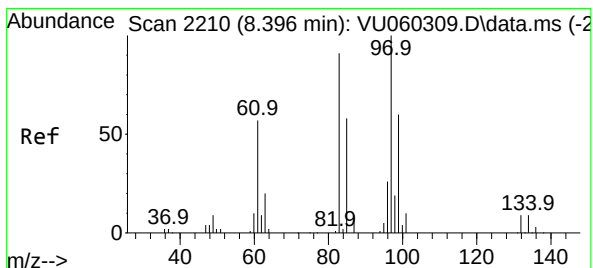
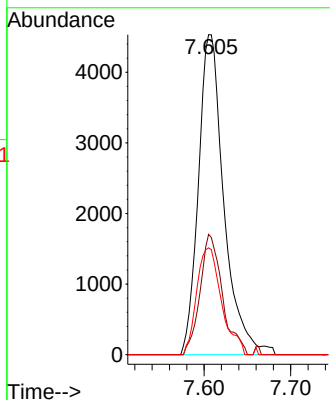
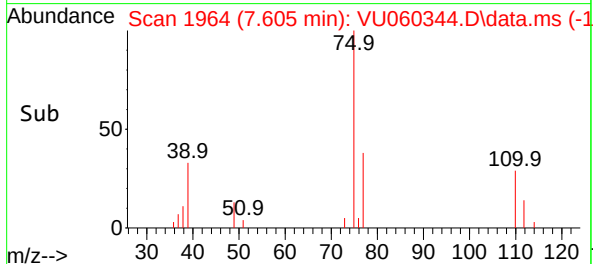
Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2024



Tgt Ion: 75 Resp: 926
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.4 38.0
 39 33.4 28.0 42.0

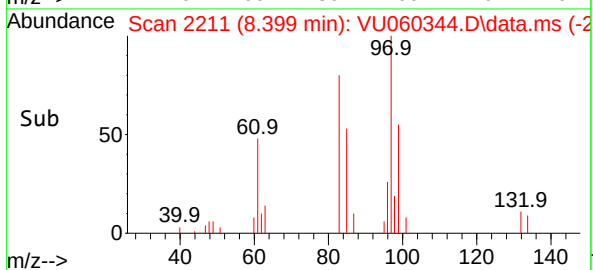
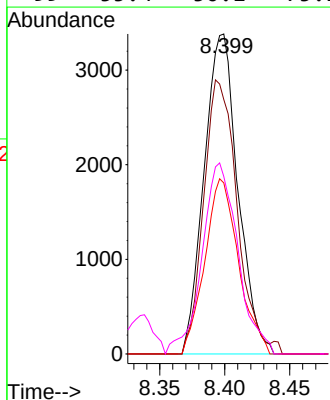
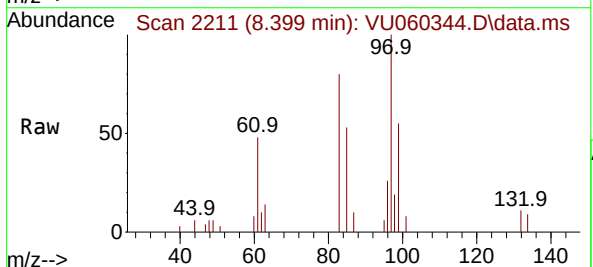
Manual Integrations
 APPROVED

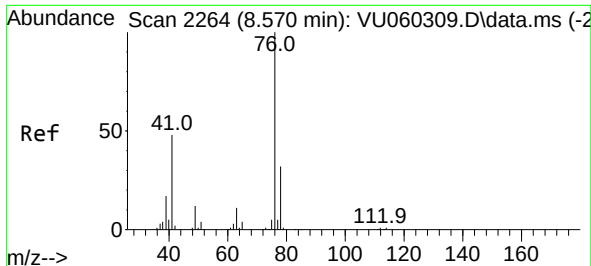
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.842 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.003 min
 Lab File: VU060344.D
 Acq: 07 Aug 2024 18:23

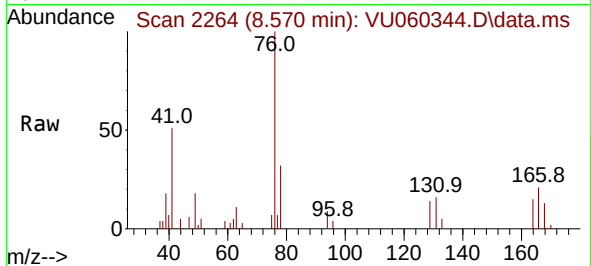
Tgt Ion: 97 Resp: 6120
 Ion Ratio Lower Upper
 97 100
 83 79.5 73.0 109.4
 85 53.5 46.2 69.4
 99 55.4 50.1 75.1





#53
1,3-Dichloropropane
Concen: 0.783 ug/l
RT: 8.570 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

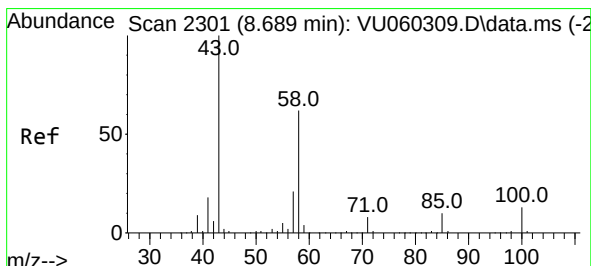
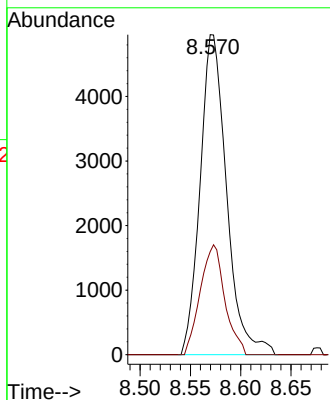
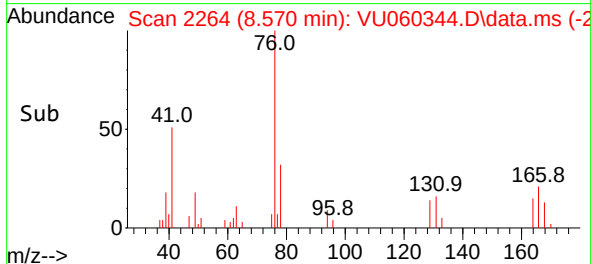
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



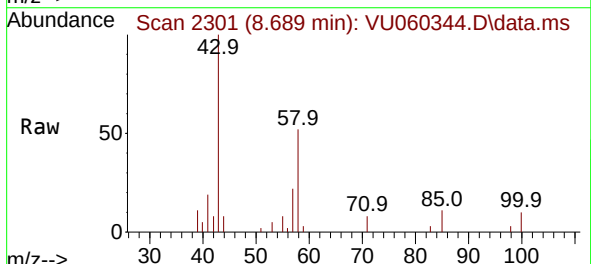
Tgt Ion: 76 Resp: 908
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.2

Manual Integrations
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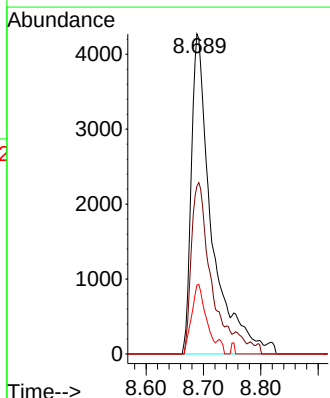
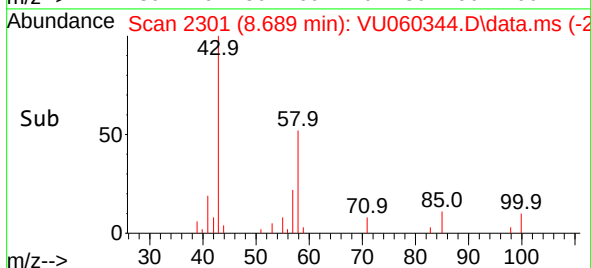
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

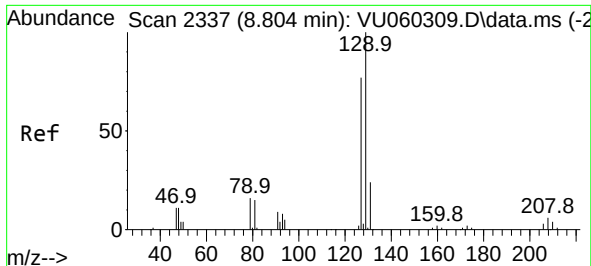


#54
2-Hexanone
Concen: 2.929 ug/l m
RT: 8.689 min Scan# 2301
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



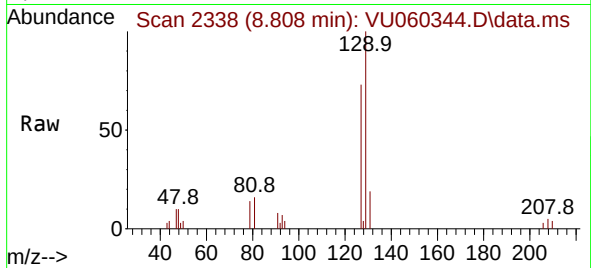
Tgt Ion: 43 Resp: 10553
Ion Ratio Lower Upper
43 100
58 49.4 40.1 80.1
57 15.3 0.3 40.3





#55
Dibromochloromethane
Concen: 0.872 ug/l
RT: 8.808 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

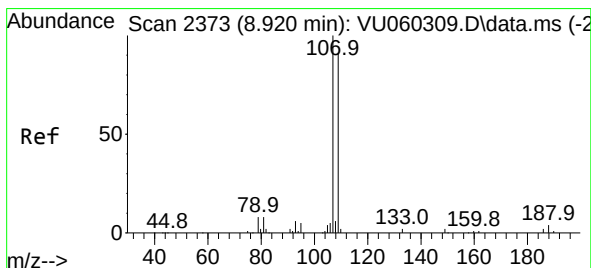
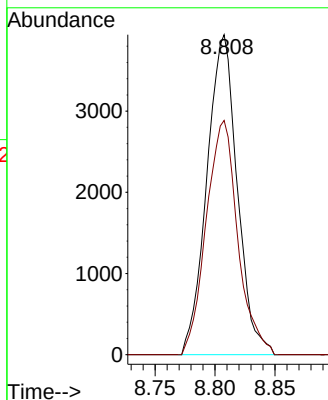
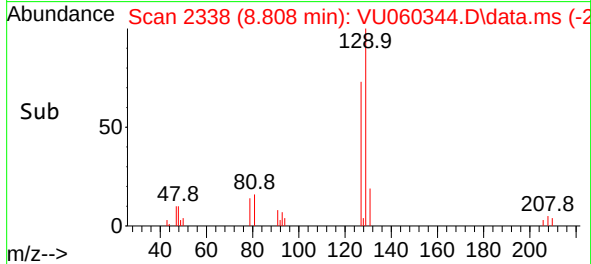
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:129 Resp: 695
Ion Ratio Lower Upper
129 100
127 75.9 61.6 92.4

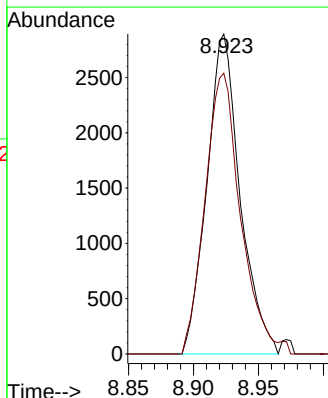
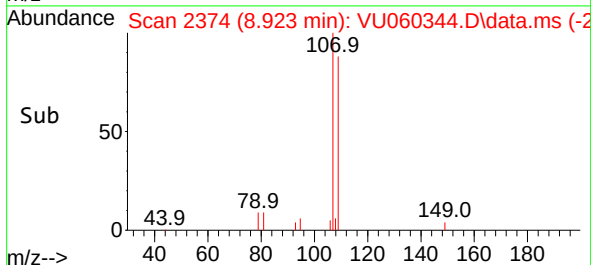
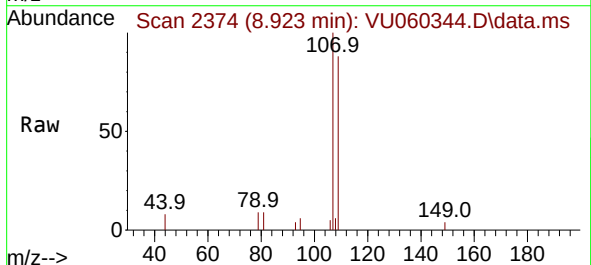
Manual Integrations
APPROVED

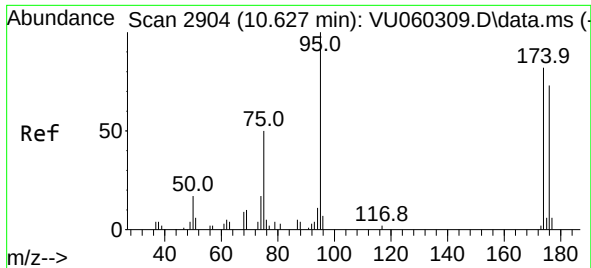
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#56
1,2-Dibromoethane
Concen: 0.790 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

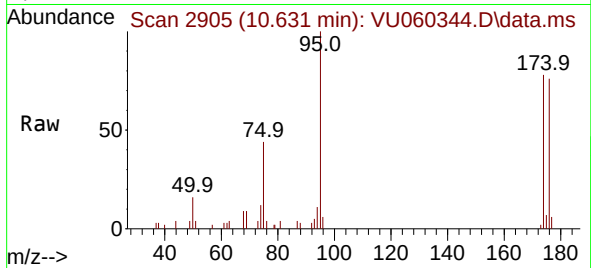
Tgt Ion:107 Resp: 5148
Ion Ratio Lower Upper
107 100
109 94.2 0.0 184.0





#57
4-Bromofluorobenzene
Concen: 0.957 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

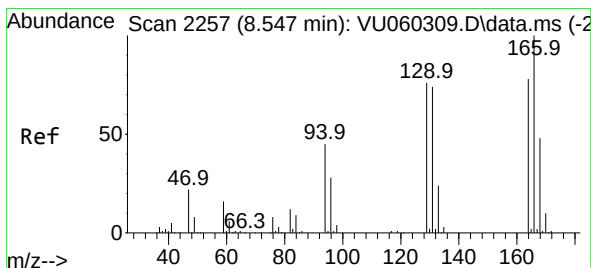
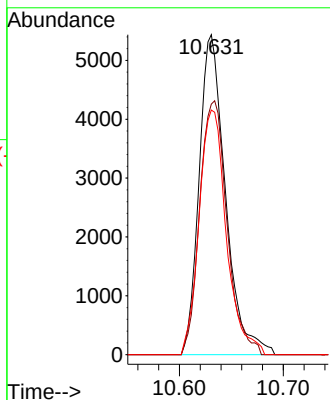
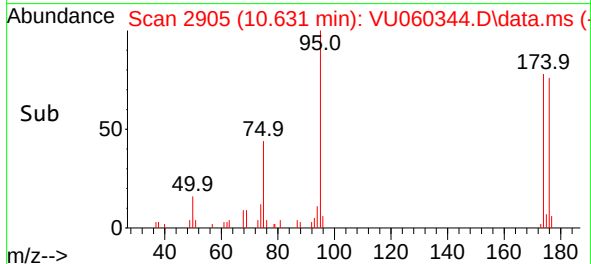
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 95 Resp: 9549
Ion Ratio Lower Upper
95 100
174 82.7 65.6 98.4
176 79.3 60.4 90.6

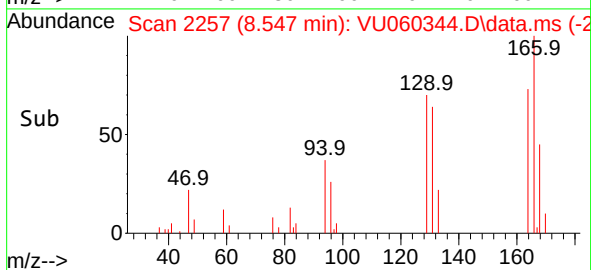
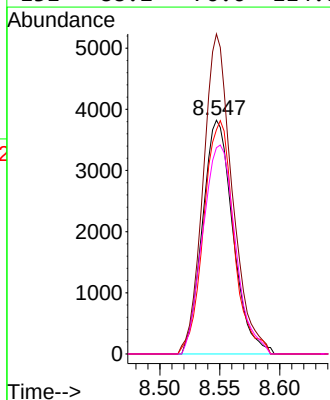
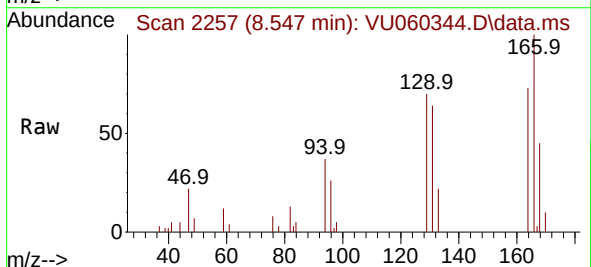
Manual Integrations
APPROVED

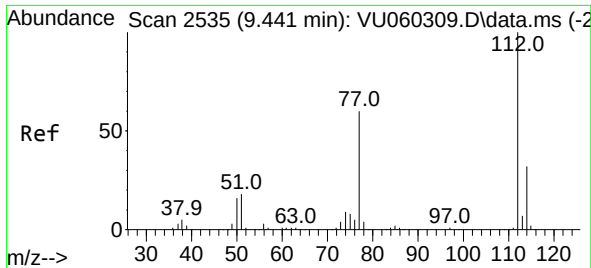
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#58
Tetrachloroethene
Concen: 0.842 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

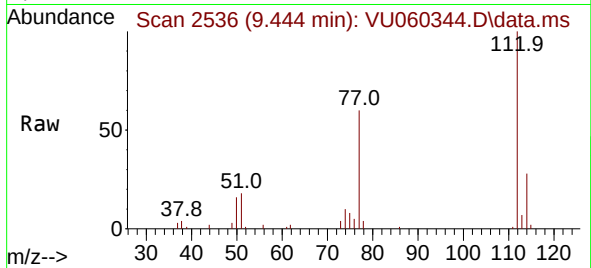
Tgt Ion:164 Resp: 6739
Ion Ratio Lower Upper
164 100
166 136.8 102.9 154.3
129 95.8 78.0 117.0
131 88.2 76.6 114.8





#59
Chlorobenzene
Concen: 0.832 ug/l
RT: 9.444 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

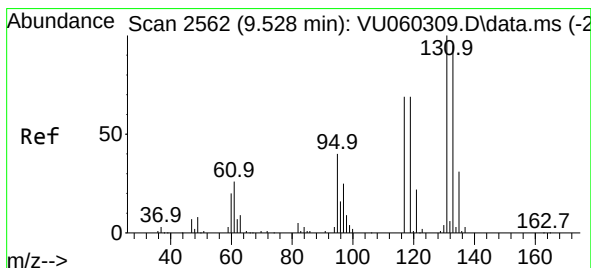
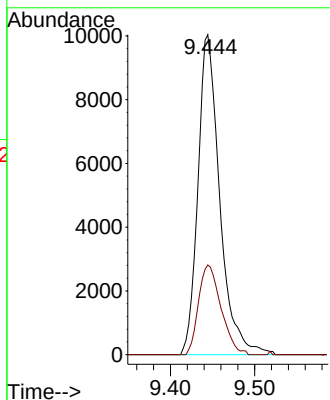
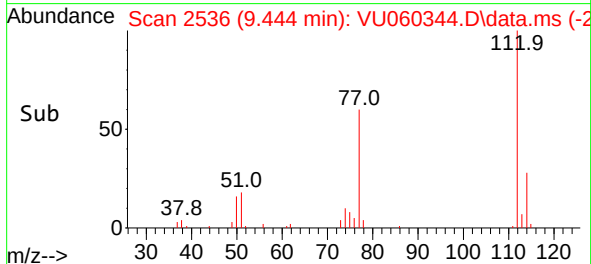
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:112 Resp: 1806
Ion Ratio Lower Upper
112 100
114 28.1 25.3 37.9

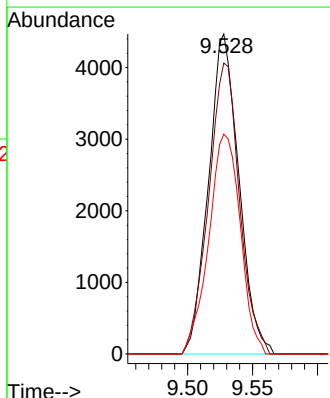
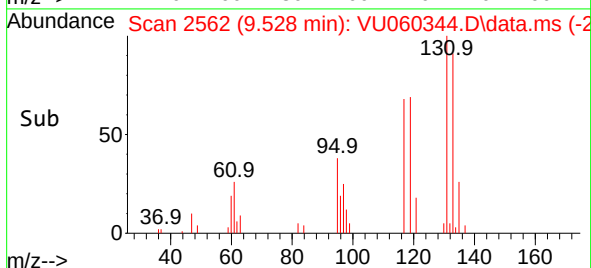
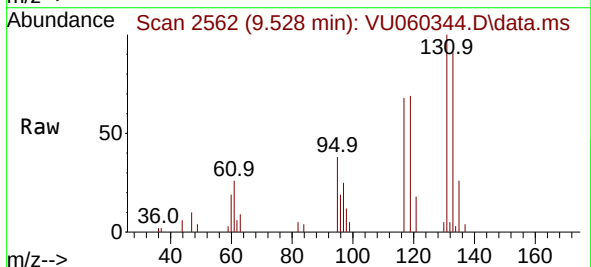
Manual Integrations
APPROVED

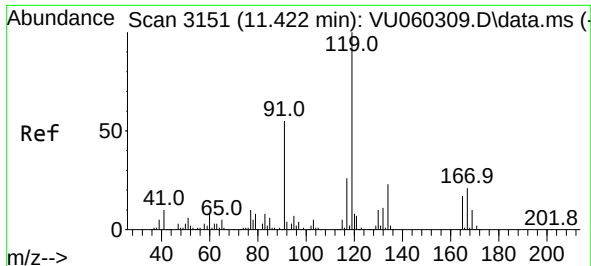
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.849 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

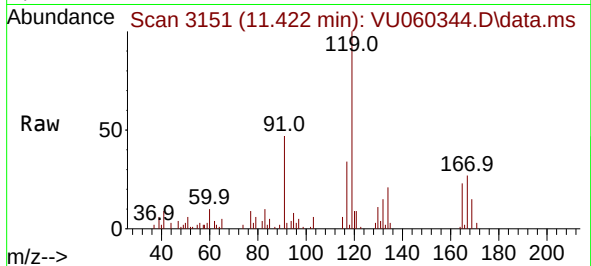
Tgt Ion:131 Resp: 7263
Ion Ratio Lower Upper
131 100
133 92.6 77.2 115.8
119 71.2 55.4 83.2





#61
Pentachloroethane
Concen: 0.813 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

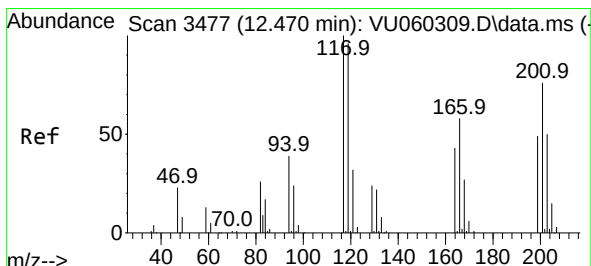
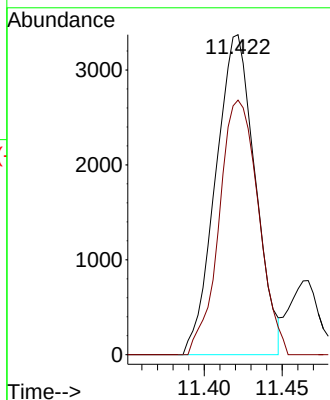
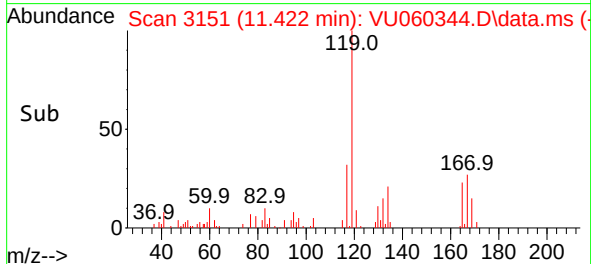
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



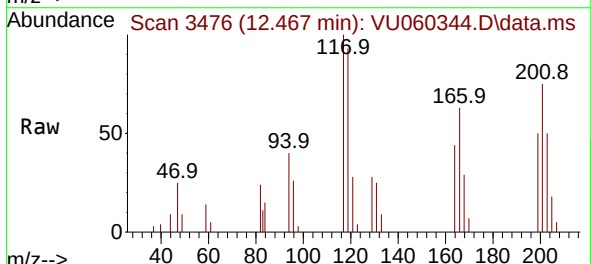
Tgt Ion:117 Resp: 5944
Ion Ratio Lower Upper
117 100
167 79.0 62.2 93.4

Manual Integrations
APPROVED

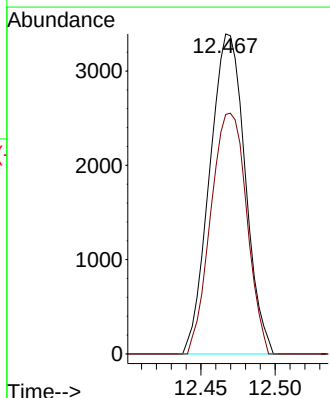
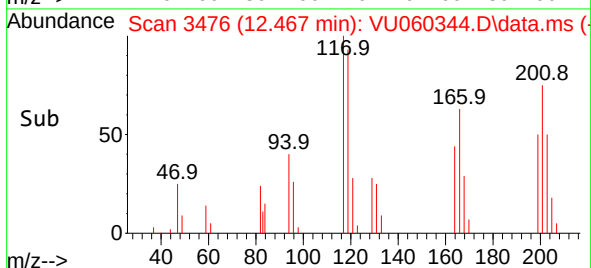
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

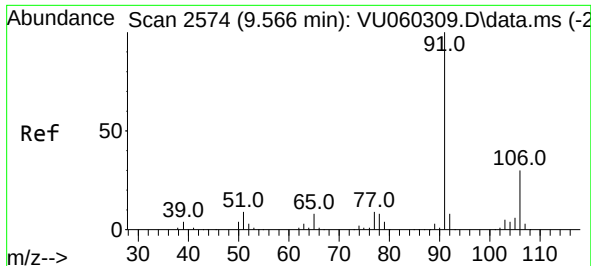


#62
Hexachloroethane
Concen: 0.798 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



Tgt Ion:117 Resp: 5635
Ion Ratio Lower Upper
117 100
201 76.1 62.7 94.1





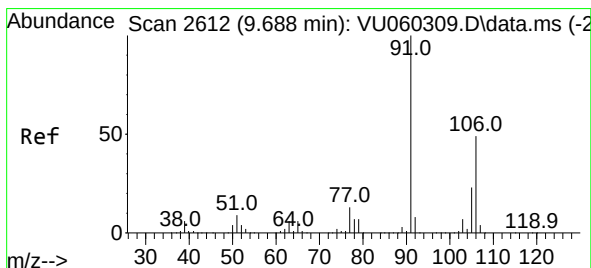
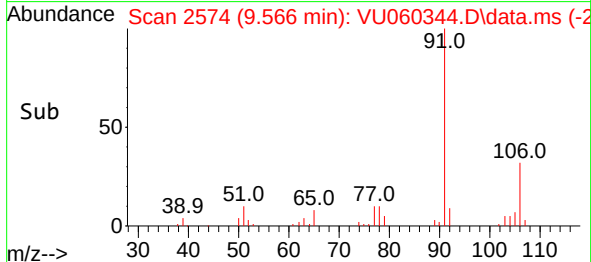
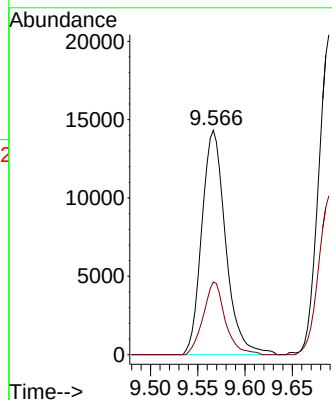
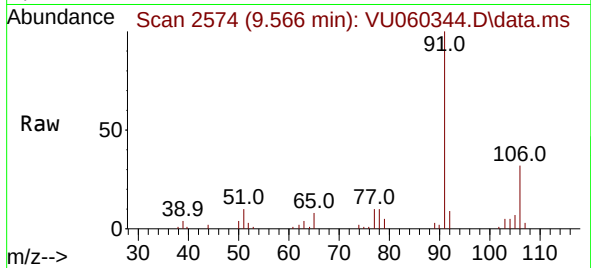
#63
Ethyl Benzene
Concen: 1.069 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 91 Resp: 25129
Ion Ratio Lower Upper
91 100
106 32.4 24.4 36.6

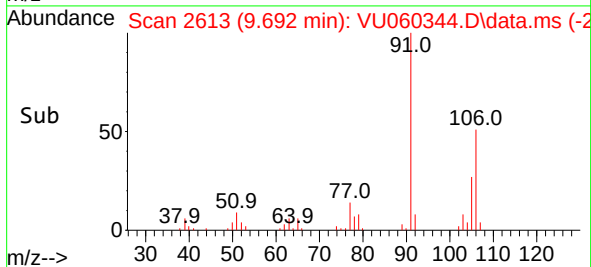
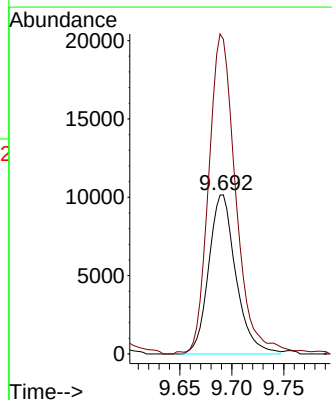
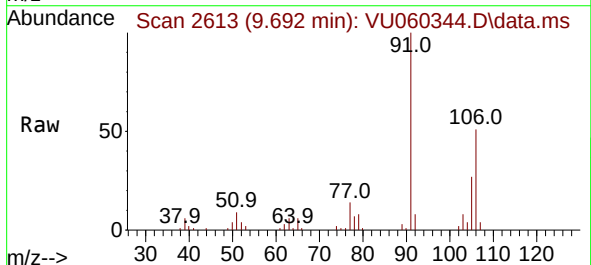
Manual Integrations
APPROVED

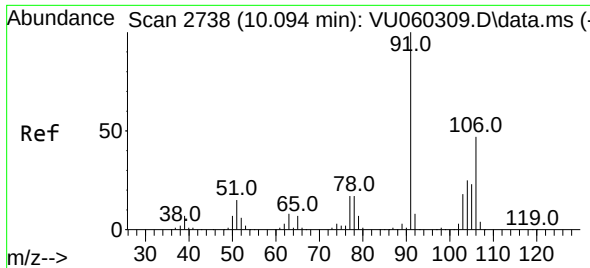
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#64
m/p-Xylenes
Concen: 1.946 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.004 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

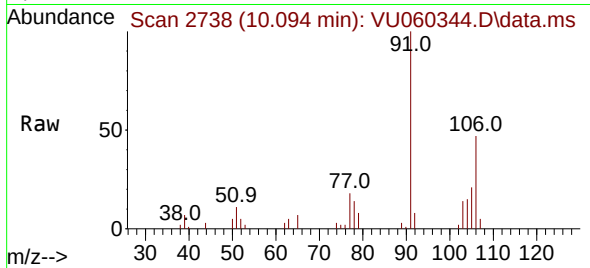
Tgt Ion:106 Resp: 18439
Ion Ratio Lower Upper
106 100
91 201.9 165.0 247.4





#65
o-Xylene
Concen: 1.005 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

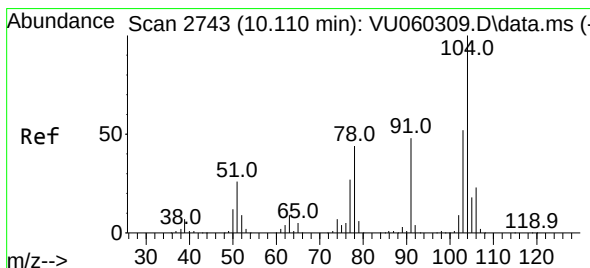
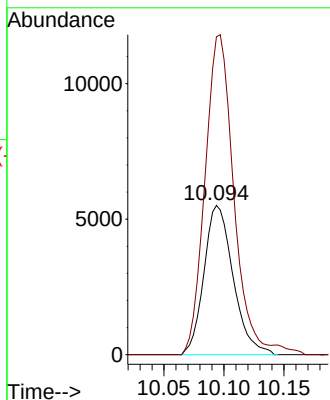
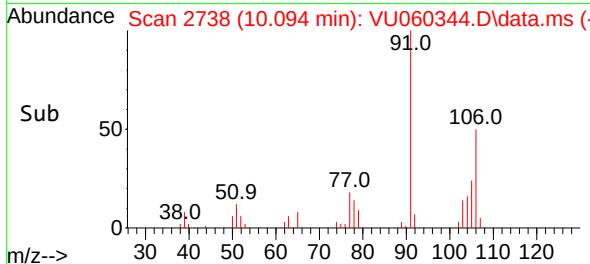
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:106 Resp: 933
Ion Ratio Lower Upper
106 100
91 213.2 108.8 326.4

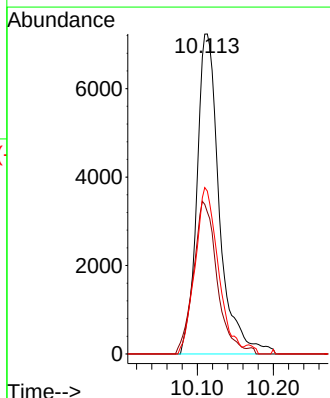
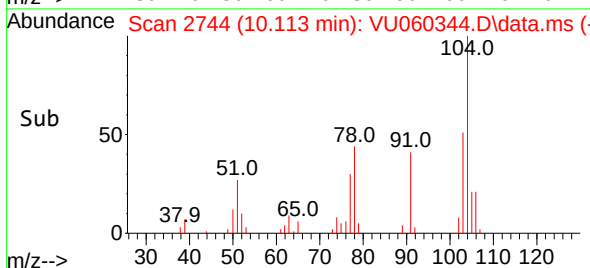
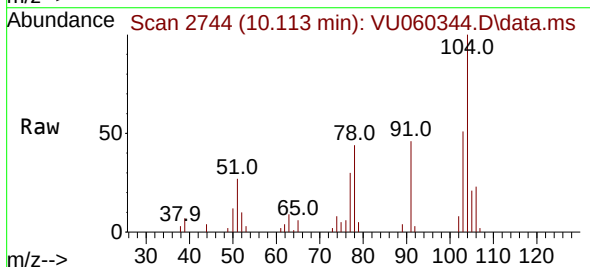
Manual Integrations
APPROVED

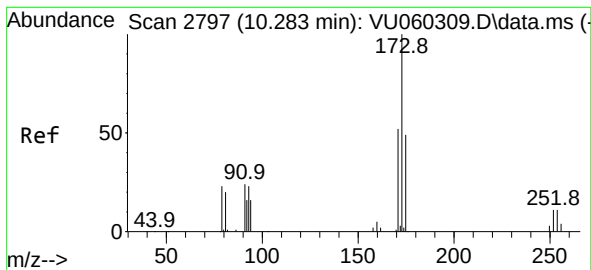
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#66
Styrene
Concen: 0.991 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion:104 Resp: 14861
Ion Ratio Lower Upper
104 100
78 49.9 39.0 58.6
103 53.7 45.0 67.6





#67

Bromoform

Concen: 0.892 ug/l

RT: 10.287 min Scan# 2797

Delta R.T. 0.004 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

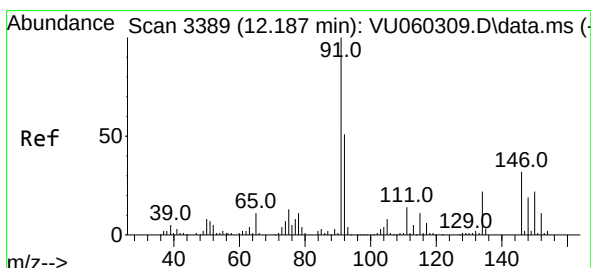
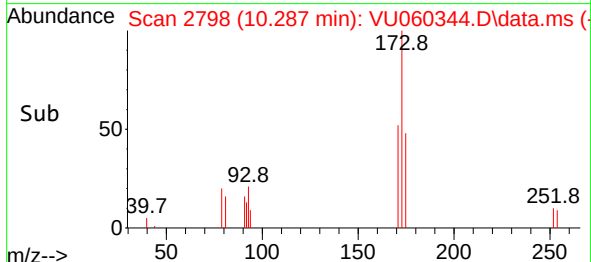
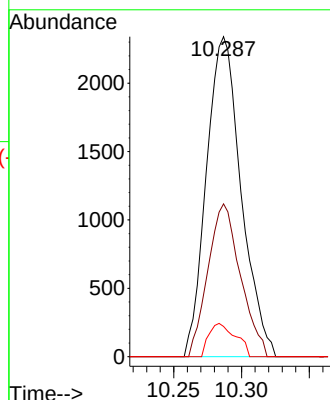
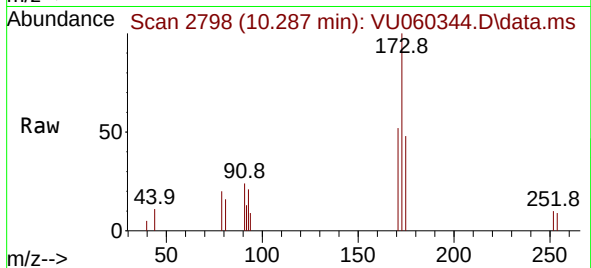
MDL-WATER-03-QT3-2024

Tgt Ion:173	Resp:	416
Ion Ratio	Lower	Upper
173	100	
175	44.7	39.7 59.5
254	8.0	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#68

1,2-Dichlorobenzene-d4

Concen: 1.042 ug/l

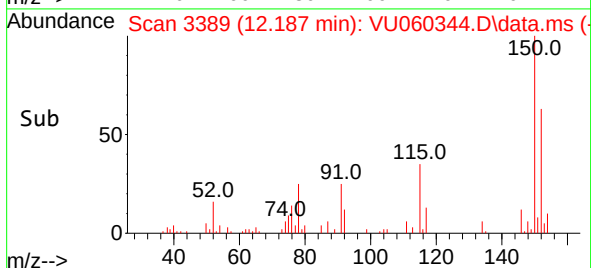
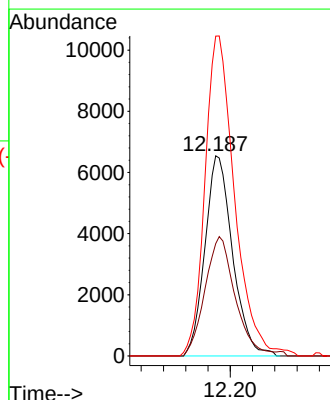
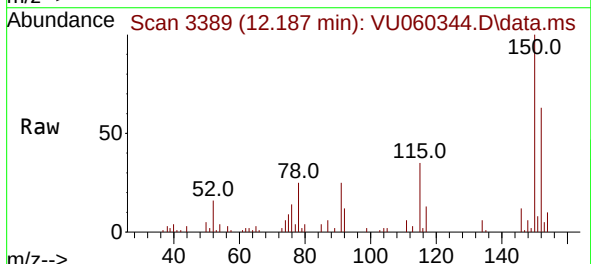
RT: 12.187 min Scan# 3389

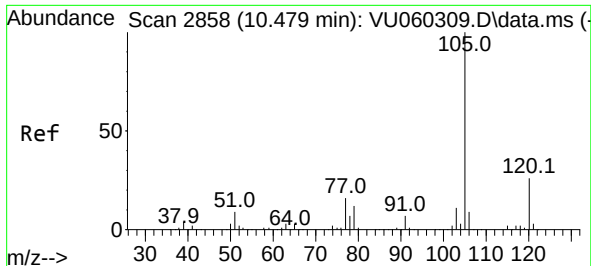
Delta R.T. 0.000 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

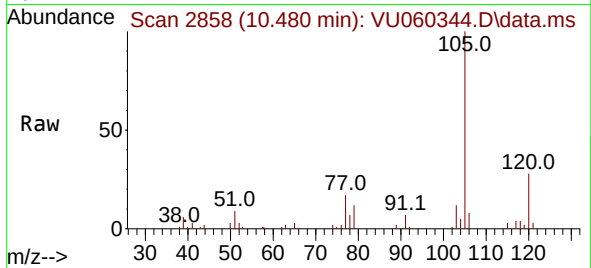
Tgt Ion:152	Resp:	11291
Ion Ratio	Lower	Upper
152	100	
115	65.5	0.0 325.2
150	171.5	0.0 684.2





#69
Isopropylbenzene
Concen: 1.003 ug/l
RT: 10.480 min Scan# 2858
Delta R.T. 0.001 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

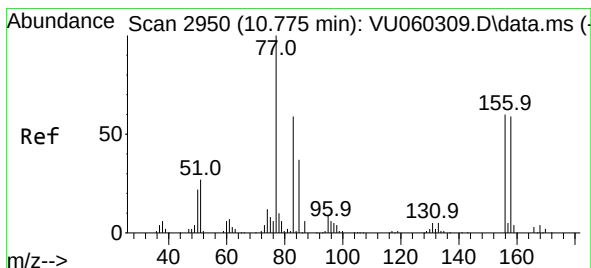
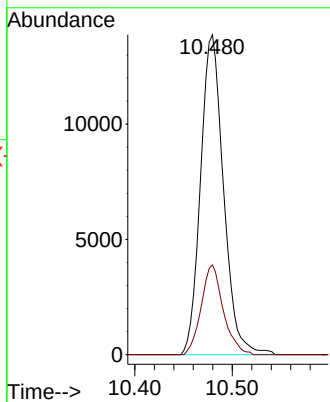
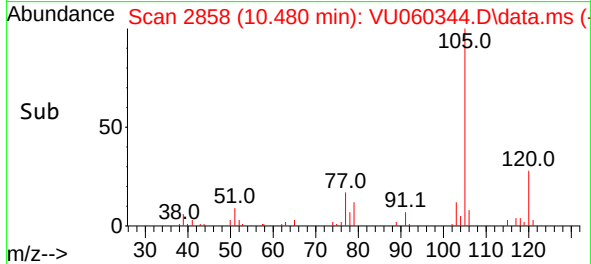
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:105 Resp: 22720
Ion Ratio Lower Upper
105 100
120 27.0 13.0 39.0

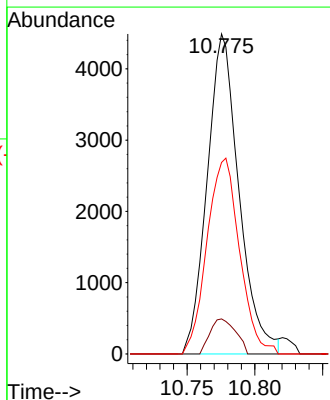
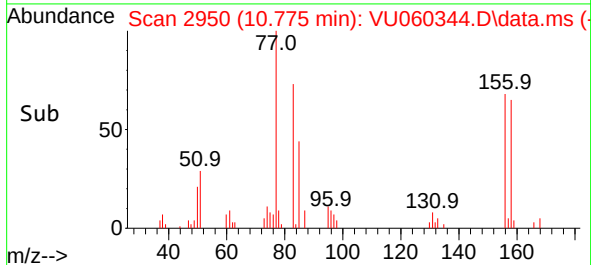
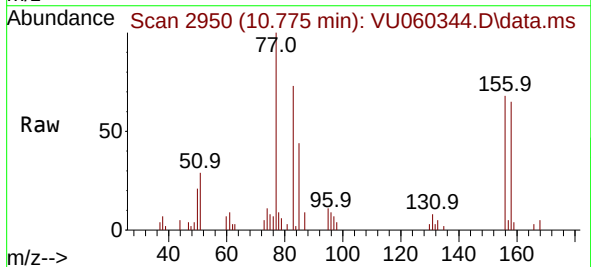
Manual Integrations
APPROVED

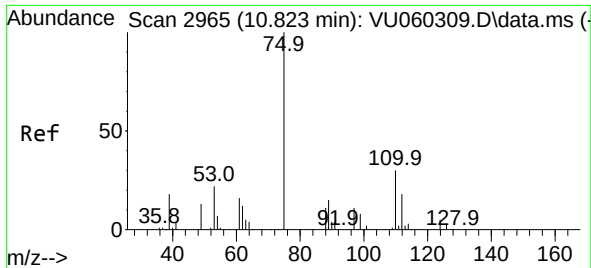
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 0.758 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 83 Resp: 7332
Ion Ratio Lower Upper
83 100
131 8.8 7.1 10.7
85 62.6 50.9 76.3





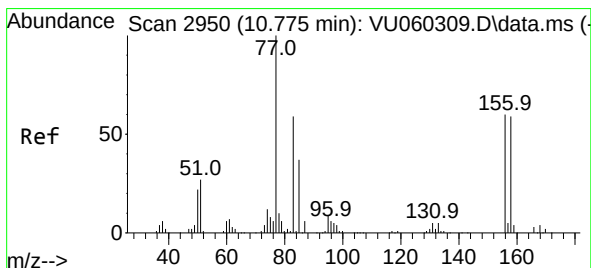
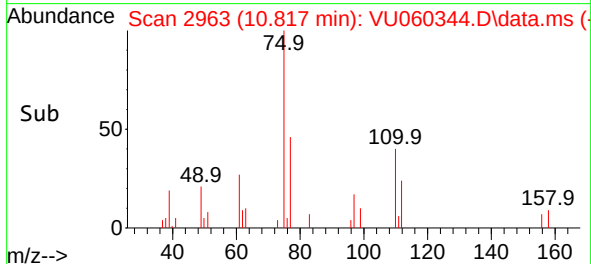
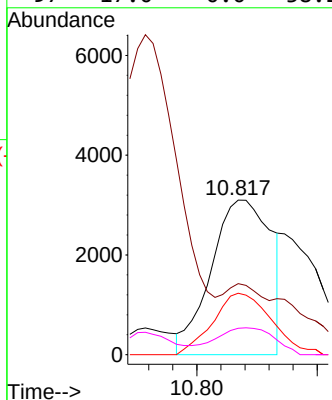
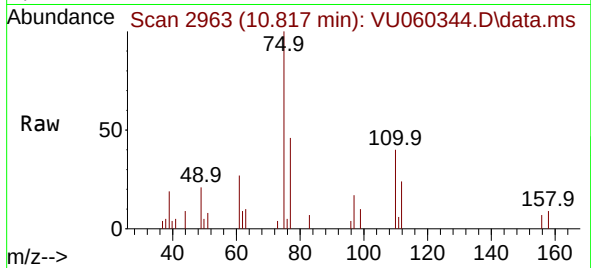
#71
1,2,3-Trichloropropane
Concen: 0.750 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.006 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 75	Resp: 537
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 102.2
110 38.9	0.0 67.4
97 17.0	0.0 38.2

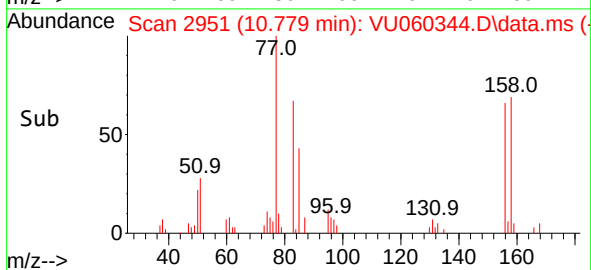
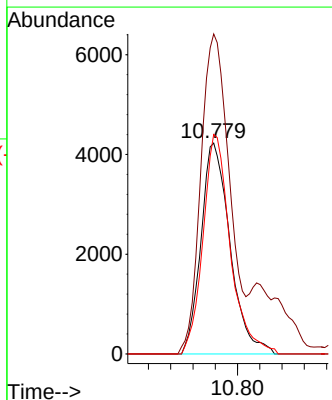
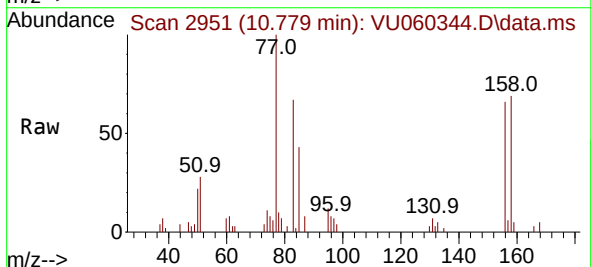
Manual Integrations
APPROVED

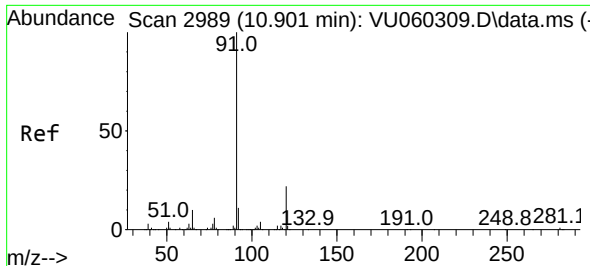
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#72
Bromobenzene
Concen: 0.861 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

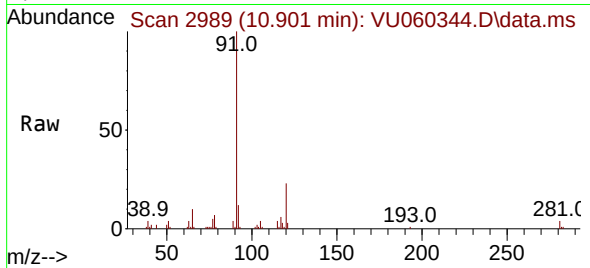
Tgt Ion:156	Resp: 7680
Ion Ratio	Lower Upper
156 100	
77 149.4	0.0 327.2
158 97.9	0.0 193.8





#73
n-propylbenzene
Concen: 1.037 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. -0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

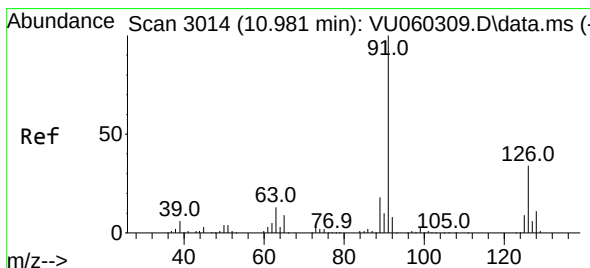
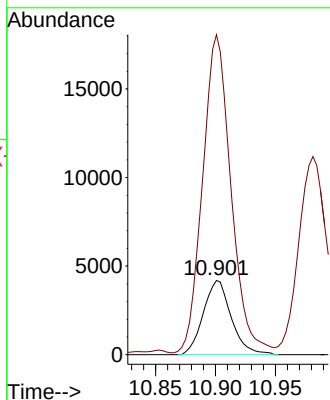
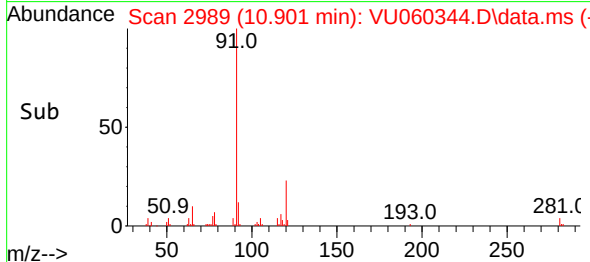
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



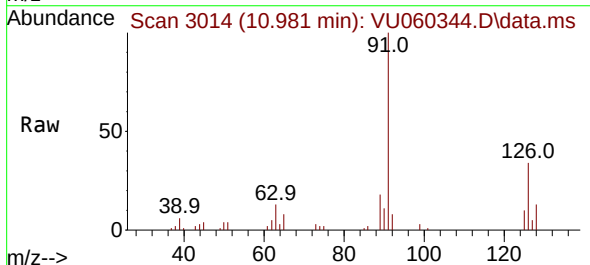
Tgt Ion:120 Resp: 6778
Ion Ratio Lower Upper
120 100
91 434.6 362.2 543.2

Manual Integrations
APPROVED

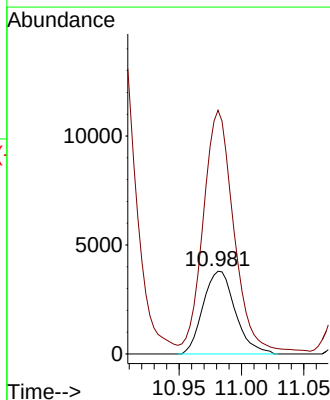
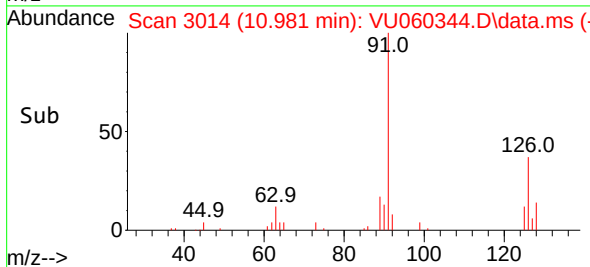
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

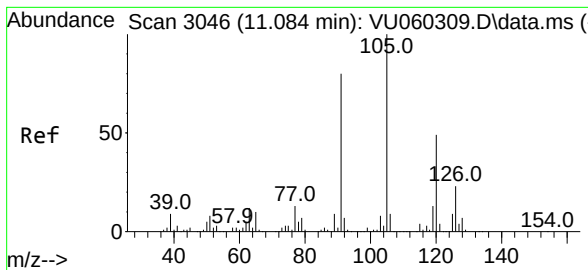


#74
2-Chlorotoluene
Concen: 0.950 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



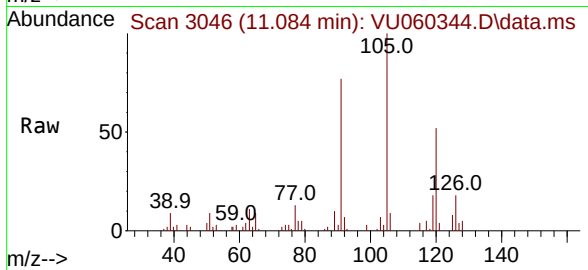
Tgt Ion:126 Resp: 6809
Ion Ratio Lower Upper
126 100
91 274.4 0.0 585.6





#75
1,3,5-Trimethylbenzene
Concen: 0.943 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

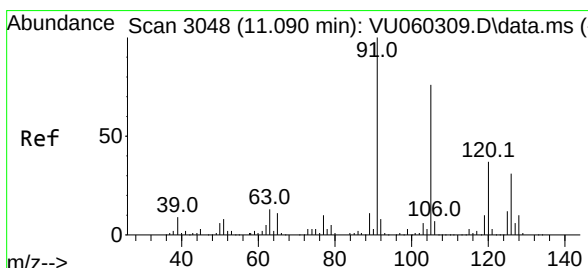
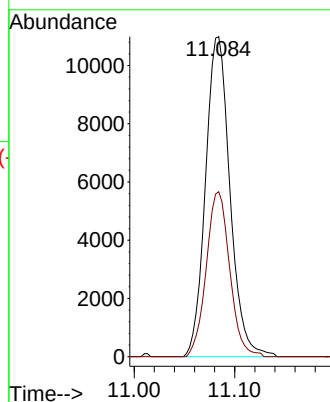
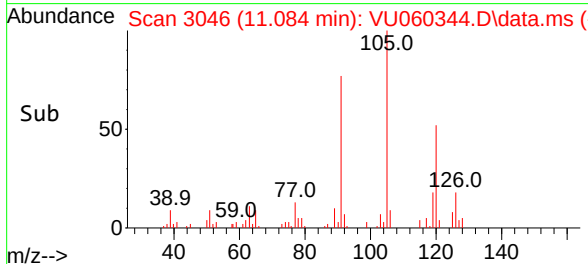
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



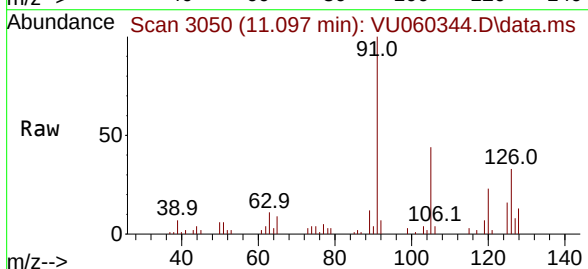
Tgt Ion:105 Resp: 18600
Ion Ratio Lower Upper
105 100
120 49.4 38.6 57.8

Manual Integrations
APPROVED

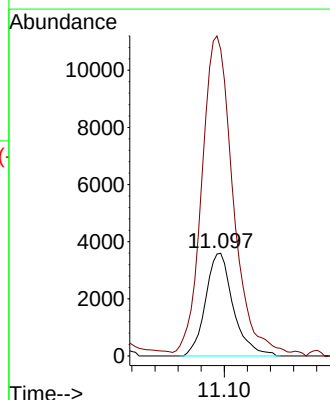
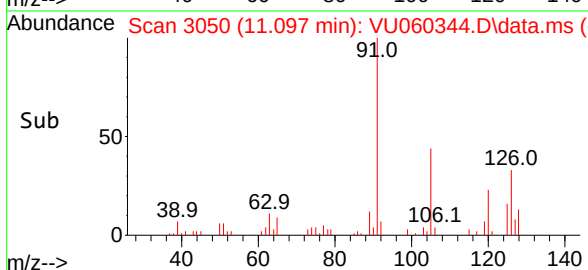
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

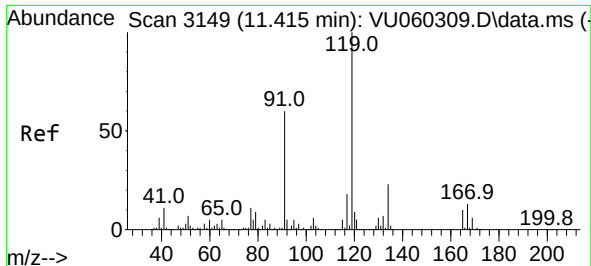


#76
4-Chlorotoluene
Concen: 0.866 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.007 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



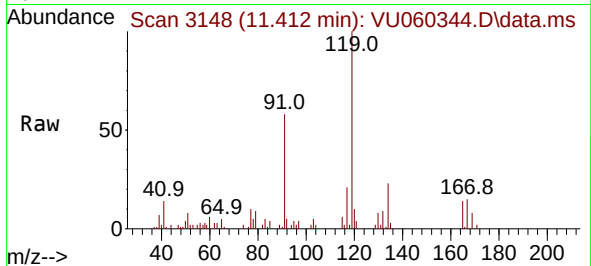
Tgt Ion:126 Resp: 5972
Ion Ratio Lower Upper
126 100
91 342.3 0.0 669.4





#77
tert-Butylbenzene
Concen: 1.039 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

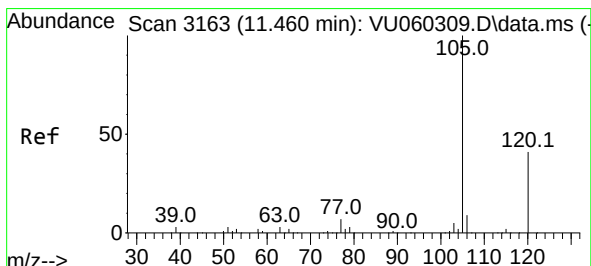
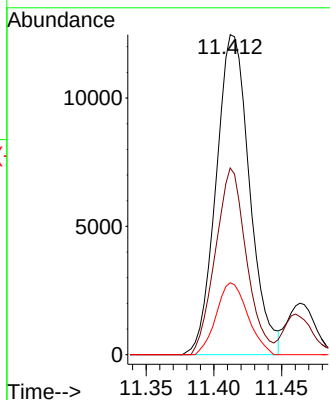
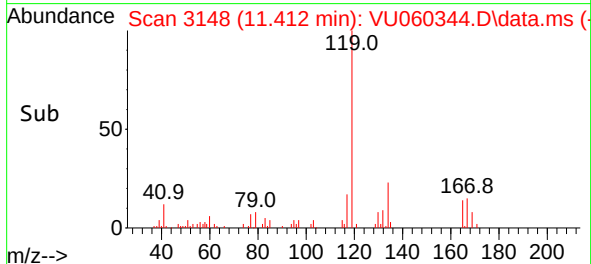
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



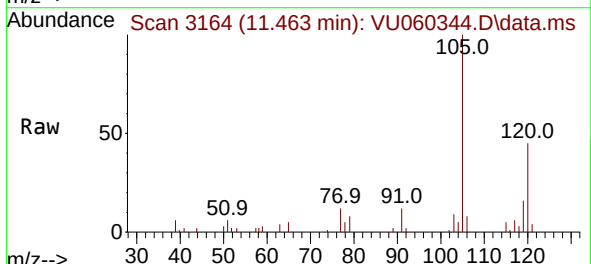
Tgt Ion:119 Resp: 2145
Ion Ratio Lower Upper
119 100
91 54.1 29.0 87.1
134 21.1 17.8 26.8

Manual Integrations
APPROVED

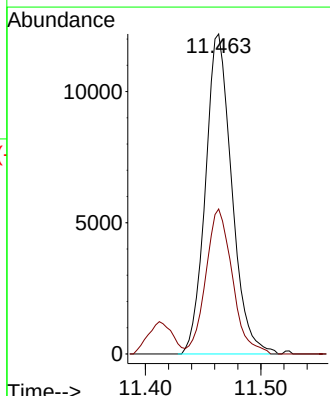
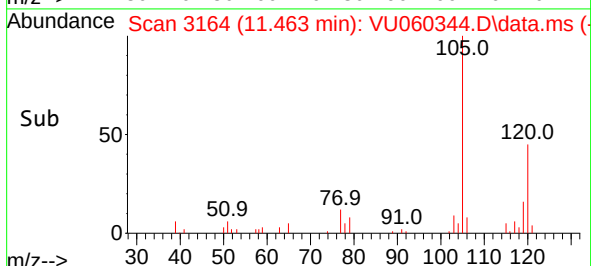
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

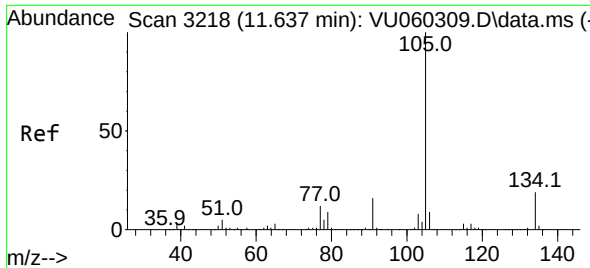


#78
1,2,4-Trimethylbenzene
Concen: 0.979 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



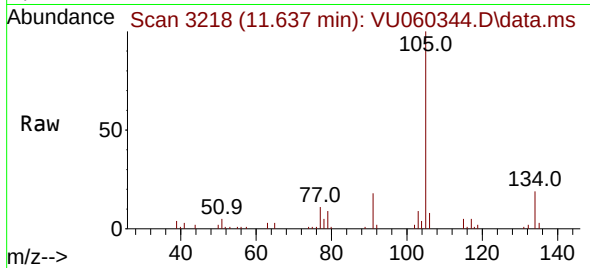
Tgt Ion:105 Resp: 19336
Ion Ratio Lower Upper
105 100
120 45.6 22.6 67.7





#79
 sec-Butylbenzene
 Concen: 0.985 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. 0.000 min
 Lab File: VU060344.D
 Acq: 07 Aug 2024 18:23

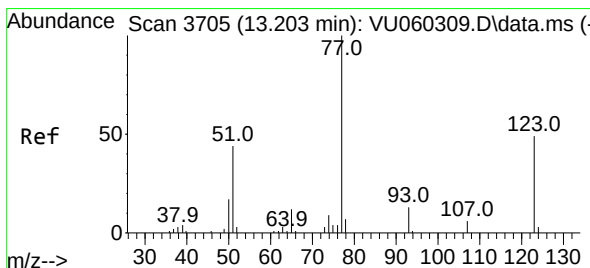
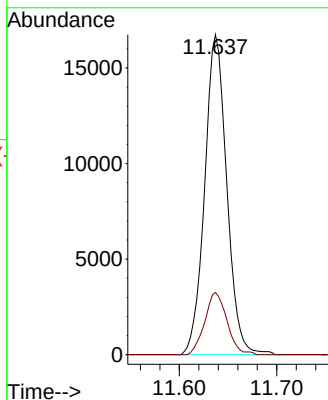
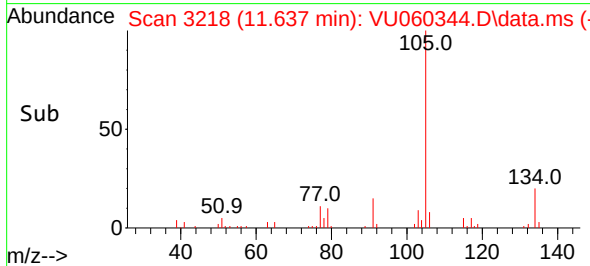
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2024



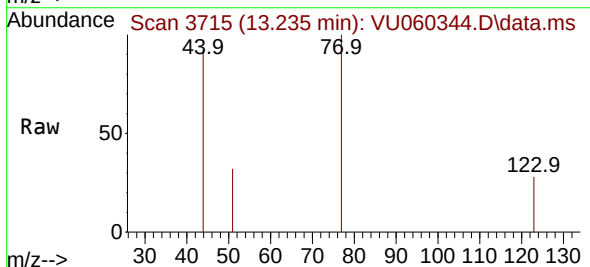
Tgt Ion:105 Resp: 26420
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.5 23.3

Manual Integrations
 APPROVED

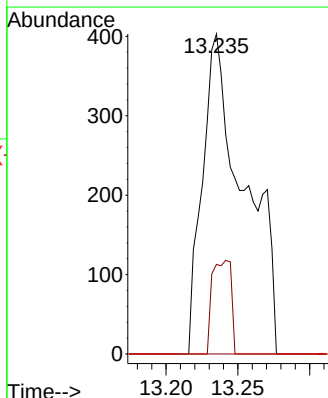
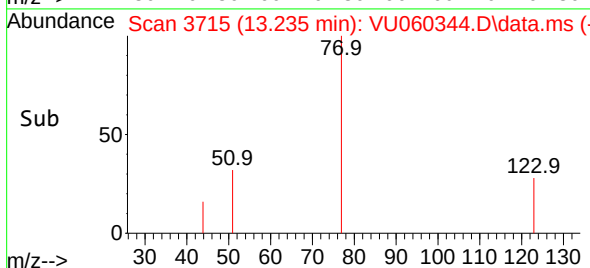
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

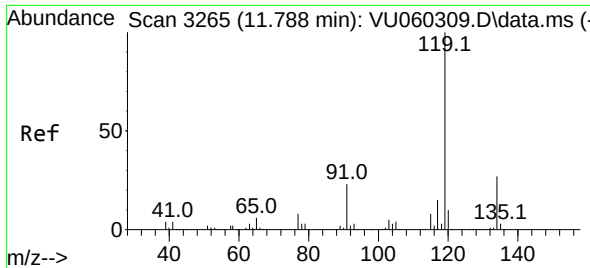


#80
 Nitrobenzene
 Concen: 1.916 ug/l m
 RT: 13.235 min Scan# 3715
 Delta R.T. 0.032 min
 Lab File: VU060344.D
 Acq: 07 Aug 2024 18:23



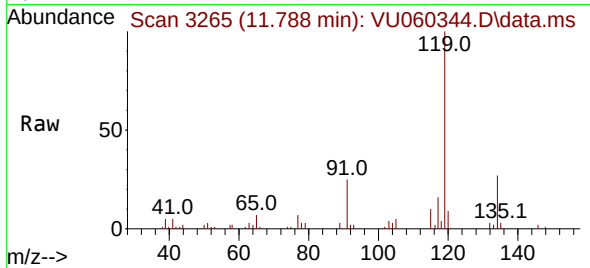
Tgt Ion: 77 Resp: 814
 Ion Ratio Lower Upper
 77 100
 123 13.3 19.6 69.6#
 65 0.0 9.0 11.4#





#81
p-Isopropyltoluene
Concen: 0.994 ug/l
RT: 11.788 min Scan# 3196
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

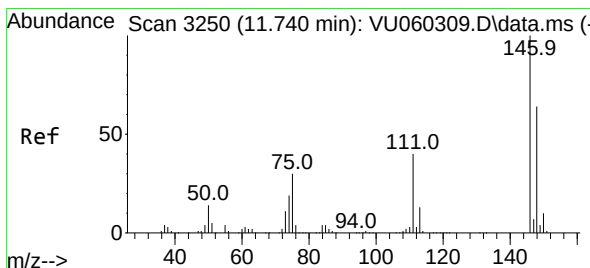
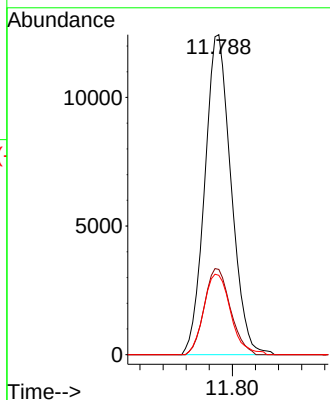
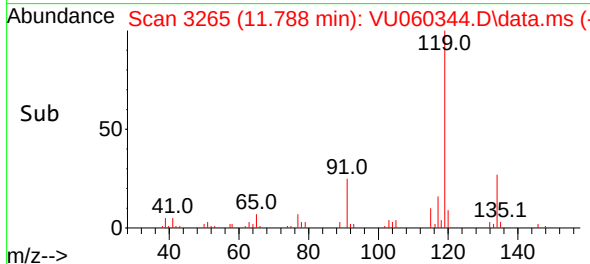
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



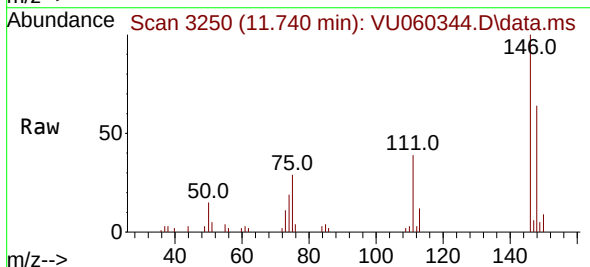
Tgt Ion:119 Resp: 19664
Ion Ratio Lower Upper
119 100
134 26.7 21.2 31.8
91 25.8 18.9 28.3

Manual Integrations
APPROVED

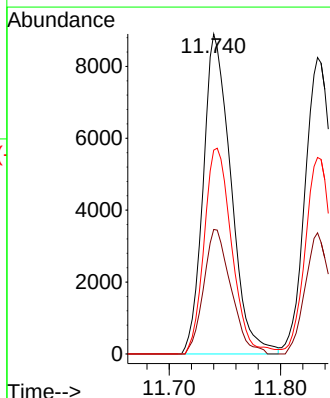
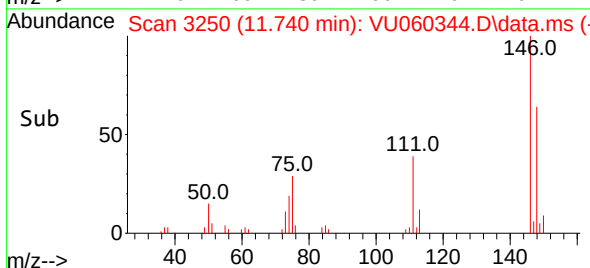
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

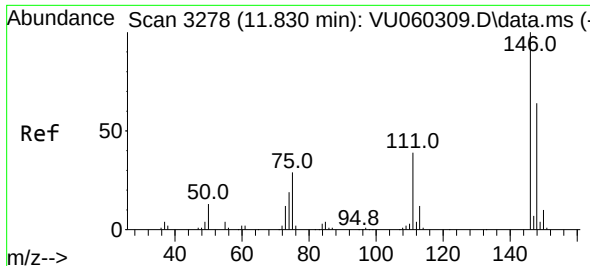


#82
1,3-Dichlorobenzene
Concen: 0.827 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



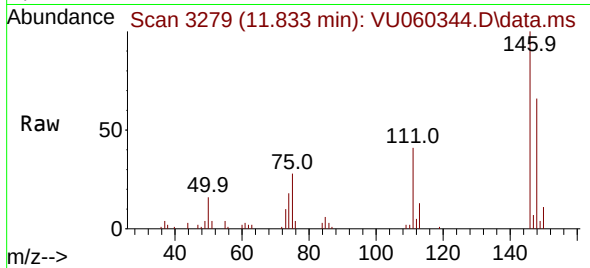
Tgt Ion:146 Resp: 15399
Ion Ratio Lower Upper
146 100
111 38.3 32.0 48.0
148 64.3 51.4 77.0





#83
1,4-Dichlorobenzene
Concen: 0.809 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

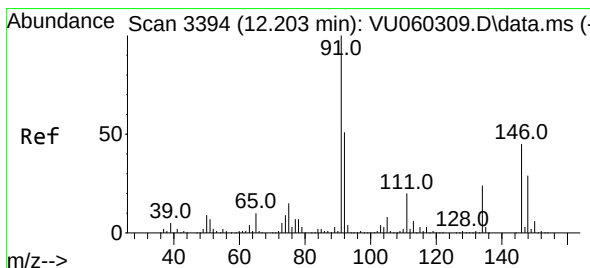
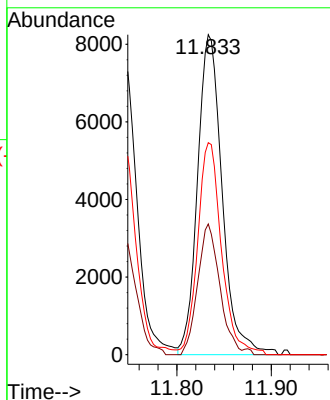
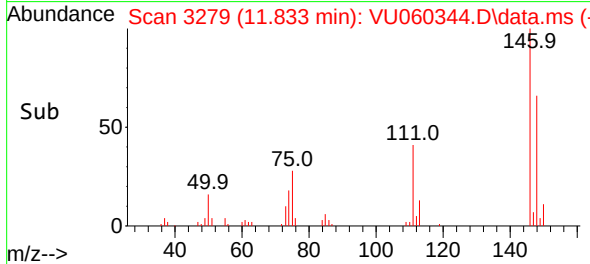
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



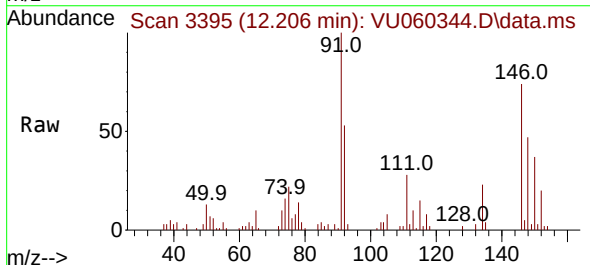
Tgt Ion:146 Resp: 1494
Ion Ratio Lower Upper
146 100
111 36.5 30.9 46.3
148 64.0 51.8 77.6

Manual Integrations
APPROVED

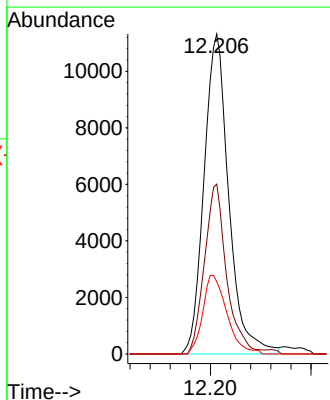
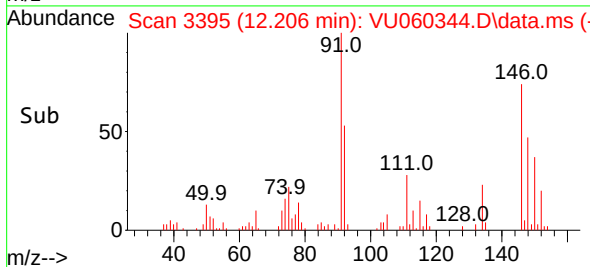
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

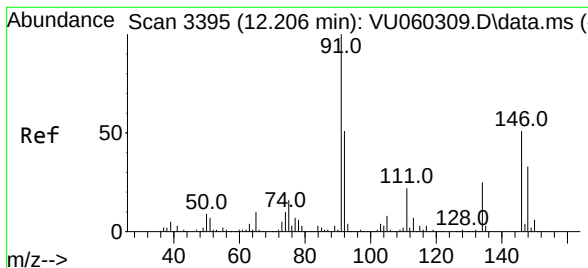


#84
n-Butylbenzene
Concen: 0.992 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



Tgt Ion: 91 Resp: 19299
Ion Ratio Lower Upper
91 100
92 47.6 41.0 61.6
134 23.9 19.4 29.2





#85

1,2-Dichlorobenzene

Concen: 0.817 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060344.D

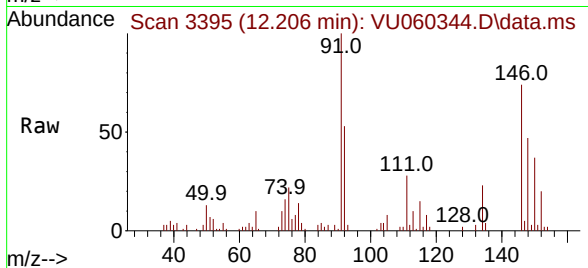
Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2024

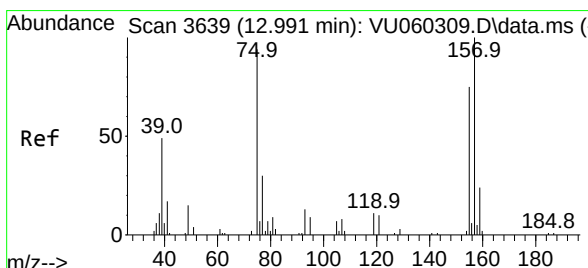
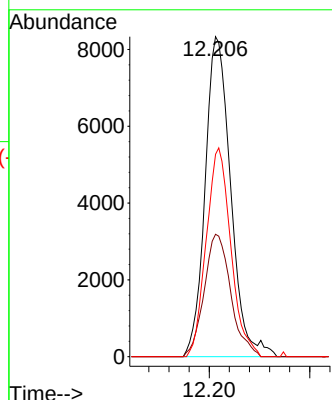
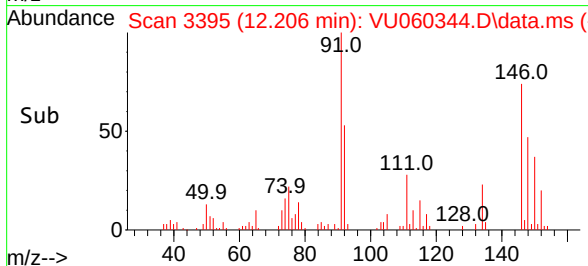


Tgt Ion:	146	Resp:	1470
Ion Ratio	Lower	Upper	
146	100		
111	39.8	21.3	63.7
148	62.9	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.714 ug/l

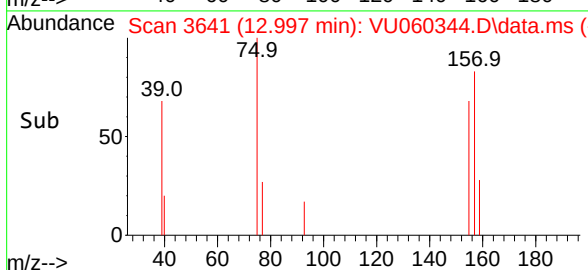
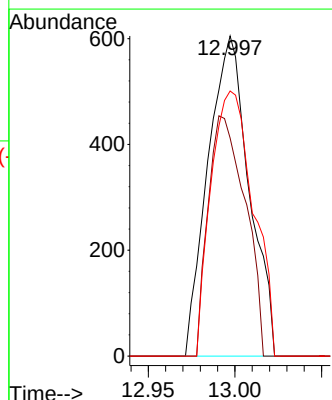
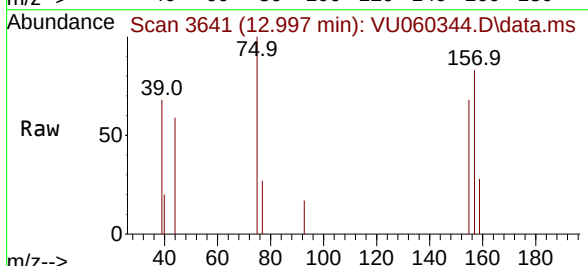
RT: 12.997 min Scan# 3641

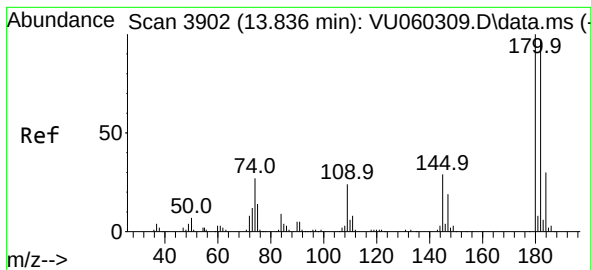
Delta R.T. 0.006 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Tgt Ion:	75	Resp:	1001
Ion Ratio	Lower	Upper	
75	100		
155	67.4	66.1	99.1
157	85.0	85.0	127.4





#87

1,2,4-Trichlorobenzene

Concen: 0.752 ug/l

RT: 13.840 min Scan# 3902

Delta R.T. 0.004 min

Lab File: VU060344.D

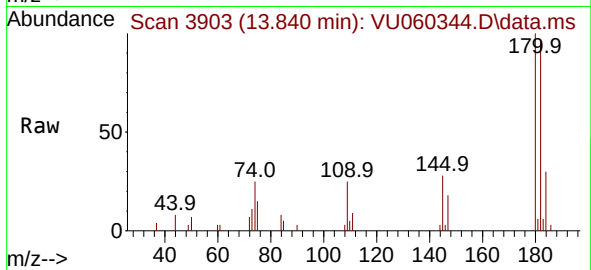
Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2024

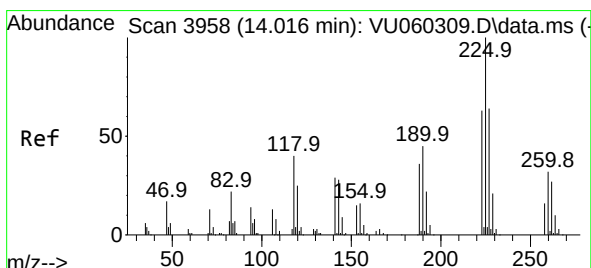
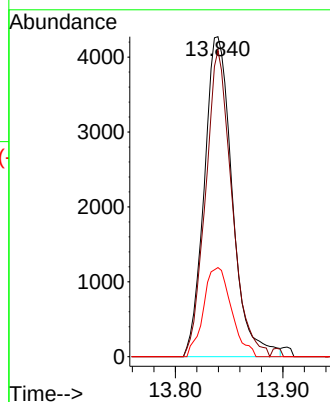
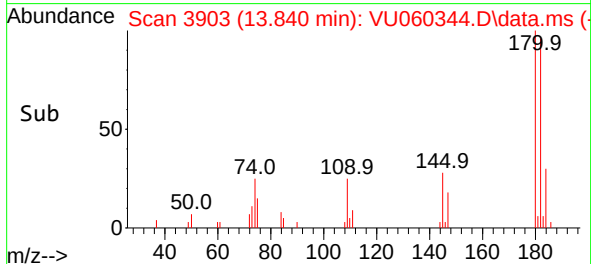


Tgt Ion:	180	Resp:	7738
Ion Ratio	Lower	Upper	
180	100		
182	89.8	76.8	115.2
145	27.7	23.4	35.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#88

Hexachlorobutadiene

Concen: 0.804 ug/l

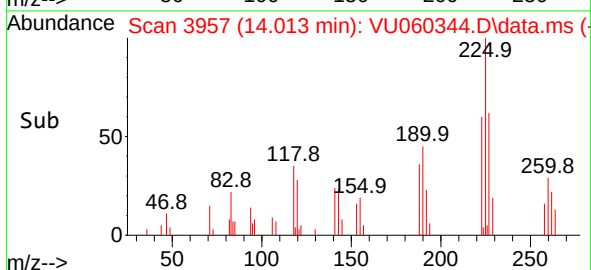
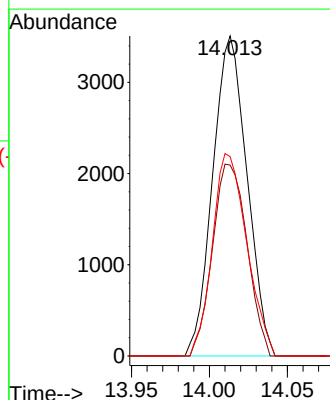
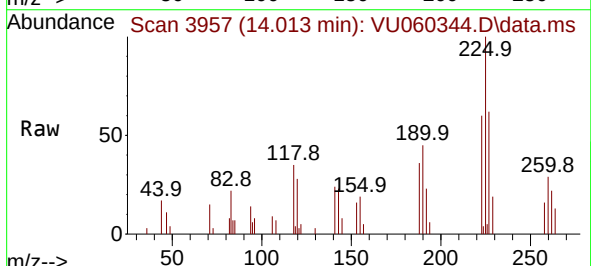
RT: 14.013 min Scan# 3957

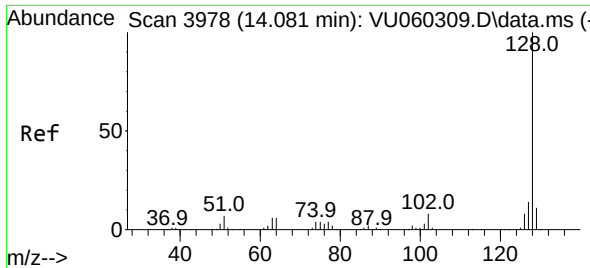
Delta R.T. -0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

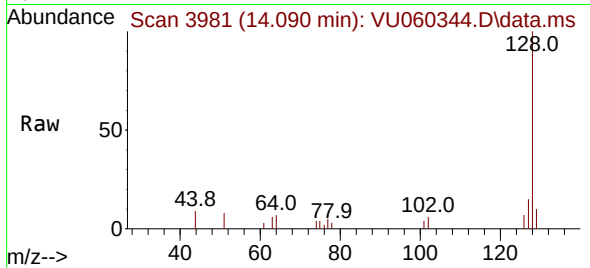
Tgt Ion:	225	Resp:	5355
Ion Ratio	Lower	Upper	
225	100		
223	60.4	50.8	76.2
227	63.6	50.8	76.2





#89
Naphthalene
Concen: 0.523 ug/l
RT: 14.090 min Scan# 3978
Delta R.T. 0.009 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

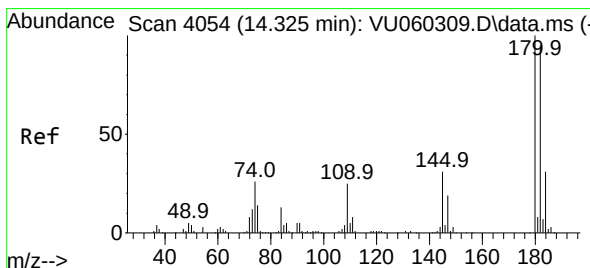
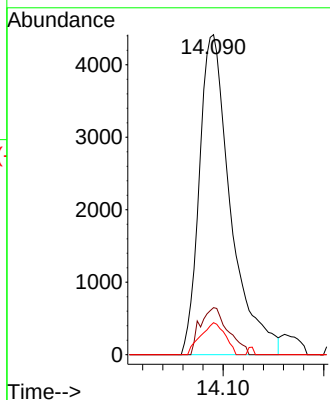
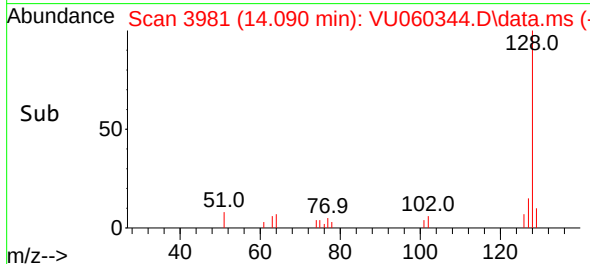
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



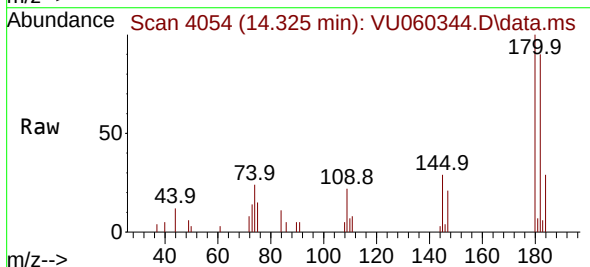
Tgt Ion:128 Resp: 952
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 7.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#90
1,2,3-Trichlorobenzene
Concen: 0.672 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



Tgt Ion:180 Resp: 6758
Ion Ratio Lower Upper
180 100
182 91.8 76.1 114.1
145 27.6 25.0 37.6

