

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
 Data File : VU060343.D
 Acq On : 07 Aug 2024 17:59
 Operator : MD/SY
 Sample : P3390-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 08 06:53:33 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	27647	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	8714	0.925	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9902	0.968	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	3676	0.346	ug/l	94
3) Chloromethane	1.518	50	4332	0.356	ug/l	97
4) Vinyl Chloride	1.602	62	4715	0.388	ug/l	98
5) Bromomethane	1.853	94	3426	0.459	ug/l	93
6) Chloroethane	1.930	64	3158	0.429	ug/l	94
7) Trichlorofluoromethane	2.132	101	5405	0.369	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	3259	0.408	ug/l	92
9) 1,1-Dichloroethene	2.576	96	3194	0.386	ug/l	94
10) Iodomethane	2.718	142	4703	0.384	ug/l	93
11) Allyl Chloride	2.920	41	4055	0.358	ug/l	86
12) Acrylonitrile	3.373	53	583	0.270	ug/l	# 71
13) Acetone	2.660	43	2652m	1.011	ug/l	
14) Carbon Disulfide	2.785	76	10623	0.379	ug/l	98
15) Methylene Chloride	3.042	84	5483	0.530	ug/l	88
16) trans-1,2-Dichloroethene	3.351	96	3242	0.366	ug/l	93
17) 1,1-Dichloroethane	3.865	63	6373	0.374	ug/l	# 93
18) 2-Butanone	4.782	43	2773m	0.915	ug/l	
19) Cyclohexane	5.377	56	3751m	0.256	ug/l	
20) Methylcyclohexane	6.756	83	3830	0.329	ug/l	96
21) 2,2-Dichloropropane	4.660	77	4047	0.305	ug/l	98
22) cis-1,2-Dichloroethene	4.666	96	3159	0.333	ug/l	96
23) Diethyl Ether	2.373	59	2393	0.356	ug/l	88
24) tert-Butyl Alcohol	3.354	59	860m	1.025	ug/l	
25) Methyl tert-Butyl Ether	3.364	73	5806	0.286	ug/l	100
26) Bromochloromethane	4.975	128	1470	0.366	ug/l	89
27) Chloroform	5.084	83	6677	0.401	ug/l	98
28) 1,1,1-Trichloroethane	5.309	97	5412	0.391	ug/l	94
29) 1,1-Dichloropropene	5.528	75	3576	0.322	ug/l	98
30) Carbon Tetrachloride	5.518	117	4679	0.415	ug/l	# 85
31) Isopropyl Ether	3.988	45	6199	0.249	ug/l	77
32) Ethyl-t-butyl ether	4.496	59	6430	0.267	ug/l	# 73
33) Tert-Amyl methyl ether	5.933	73	5335	0.312	ug/l	96
34) Propionitrile	4.910	54	643m	0.742	ug/l	
35) Benzene	5.772	78	12718	0.372	ug/l	95
36) 1,2-Dichloroethane	5.798	62	3758	0.396	ug/l	# 87
37) Trichloroethene	6.544	130	3775	0.446	ug/l	89
38) 1,2-Dichloropropane	6.791	63	3386	0.366	ug/l	95
41) Tetrahydrofuran	5.087	42	460	0.270	ug/l	# 62
42) 1-Chlorobutane	5.457	56	4736	0.310	ug/l	96
43) Dibromomethane	6.923	93	1623	0.347	ug/l	96
44) Bromodichloromethane	7.100	83	4564	0.407	ug/l	97
45) 4-Methyl-2-Pentanone	7.794	43	6771	1.542	ug/l	# 89
46) t-1,4-Dichloro-2-butene	10.836	75	1177m	0.478	ug/l	

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 MDL-WATER-03-QT3-2024

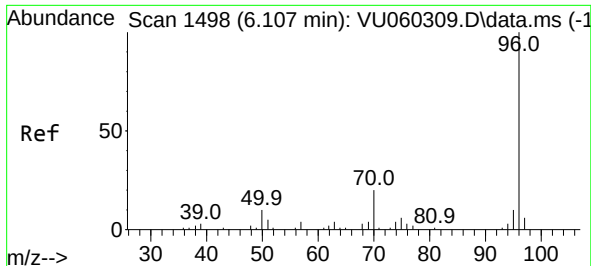
Quant Time: Aug 08 06:53:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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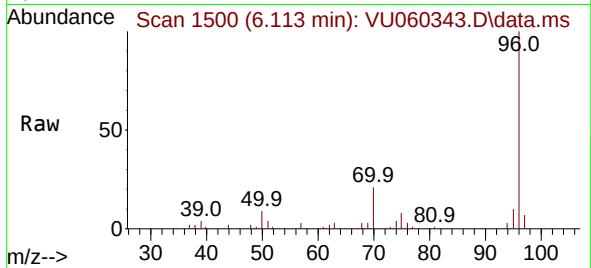
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.975	69	2020	0.532	ug/l #	93
48) Ethyl methacrylate	8.341	69	1807	0.280	ug/l	95
49) Toluene	7.965	92	6650	0.351	ug/l	92
50) t-1,3-Dichloropropene	8.212	75	3328	0.359	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	4089	0.367	ug/l	94
52) 1,1,2-Trichloroethane	8.399	97	2525	0.368	ug/l #	92
53) 1,3-Dichloropropane	8.576	76	3903	0.356	ug/l	95
54) 2-Hexanone	8.695	43	4399m	1.293	ug/l	
55) Dibromochloromethane	8.804	129	2977	0.395	ug/l	96
56) 1,2-Dibromoethane	8.923	107	2143	0.348	ug/l	94
58) Tetrachloroethene	8.547	164	3081	0.408	ug/l	93
59) Chlorobenzene	9.444	112	8211	0.400	ug/l	92
60) 1,1,1,2-Tetrachloroethane	9.528	131	3396	0.420	ug/l	93
61) Pentachloroethane	11.421	117	2461	0.356	ug/l	97
62) Hexachloroethane	12.466	117	2452	0.367	ug/l	94
63) Ethyl Benzene	9.566	91	10700	0.756	ug/l	96
64) m/p-Xylenes	9.692	106	7138	1.328	ug/l	97
65) o-Xylene	10.097	106	3982	0.697	ug/l	91
66) Styrene	10.113	104	5895	0.689	ug/l	97
67) Bromoform	10.283	173	1711	0.388	ug/l #	90
69) Isopropylbenzene	10.479	105	9875	0.718	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	3439	0.376	ug/l #	96
71) 1,2,3-Trichloropropane	10.817	75	2690m	0.398	ug/l	
72) Bromobenzene	10.781	156	3233	0.384	ug/l	92
73) n-propylbenzene	10.904	120	3093	0.753	ug/l	99
74) 2-Chlorotoluene	10.981	126	2692	0.581	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	7823	0.673	ug/l	94
76) 4-Chlorotoluene	11.097	126	2795	0.599	ug/l	93
77) tert-Butylbenzene	11.412	119	9082	0.711	ug/l	95
78) 1,2,4-Trimethylbenzene	11.466	105	7509	0.695	ug/l	99
79) sec-Butylbenzene	11.640	105	10606	0.679	ug/l	99
81) p-Isopropyltoluene	11.788	119	8170	0.728	ug/l	99
82) 1,3-Dichlorobenzene	11.746	146	6635	0.378	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	6504	0.373	ug/l	95
84) n-Butylbenzene	12.206	91	8279	0.729	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	6365	0.374	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	266	0.201	ug/l #	71
87) 1,2,4-Trichlorobenzene	13.836	180	3312	0.341	ug/l	98
88) Hexachlorobutadiene	14.013	225	2667	0.424	ug/l	95
89) Naphthalene	14.093	128	4147	0.241	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.328	180	3093	0.326	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

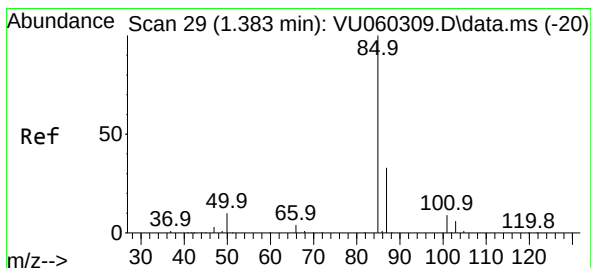
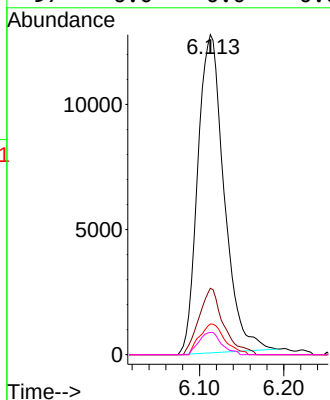
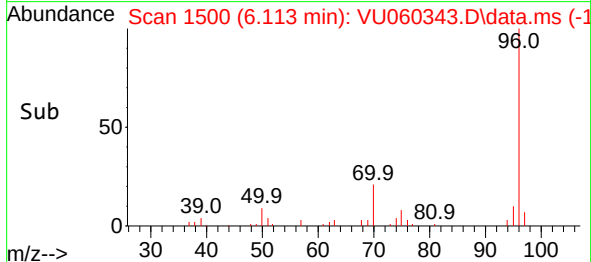
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:	96	Resp:	2764
Ion Ratio	100	Lower	Upper
96	100		
70	19.3	17.2	25.8
95	9.2	7.9	11.9
97	6.0	0.0	0.0

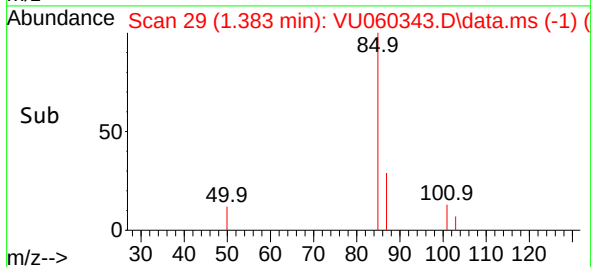
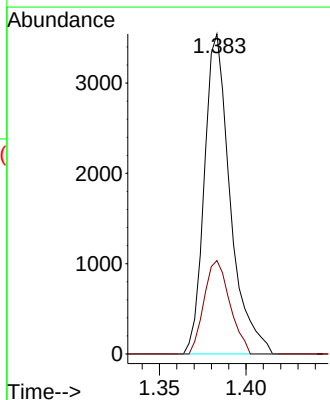
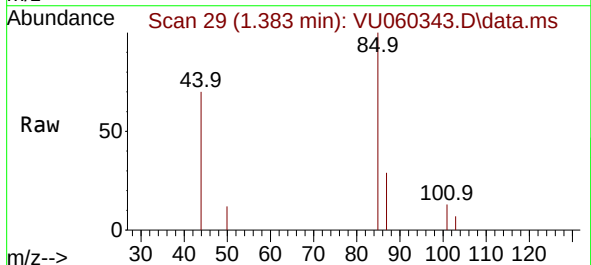
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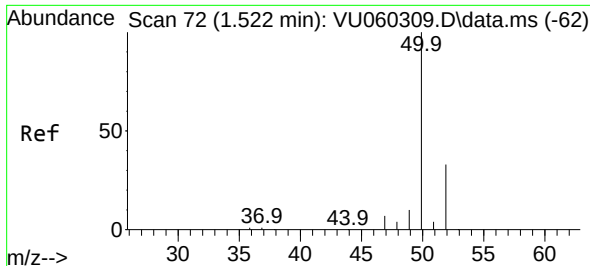
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#2
Dichlorodifluoromethane
Concen: 0.346 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

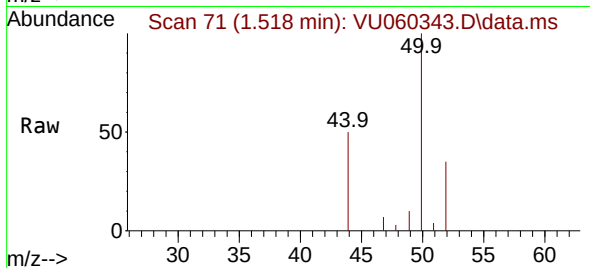
Tgt Ion:	85	Resp:	3676
Ion Ratio	100	Lower	Upper
85	100		
87	29.2	16.3	48.9





#3
Chloromethane
Concen: 0.356 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

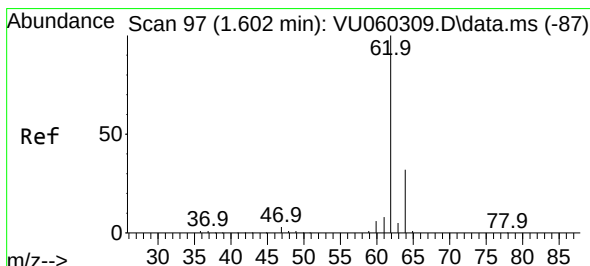
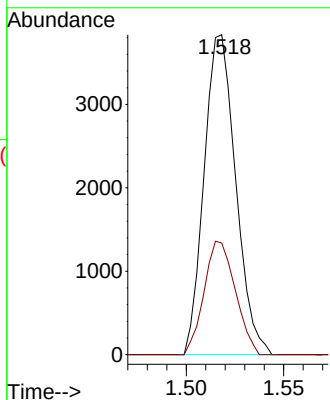
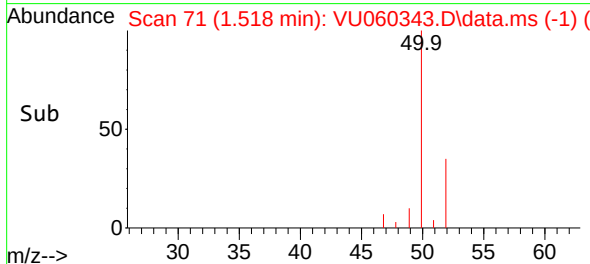
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 50 Resp: 433
Ion Ratio Lower Upper
50 100
52 34.9 26.5 39.7

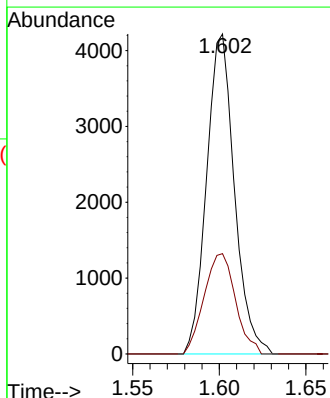
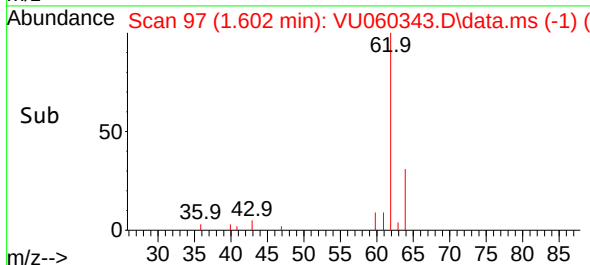
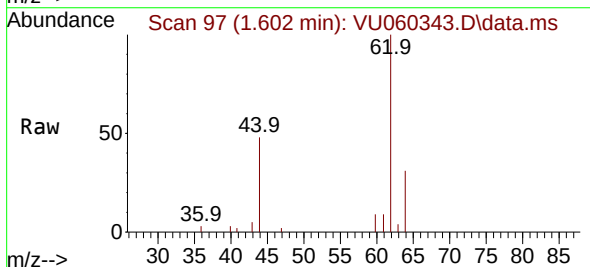
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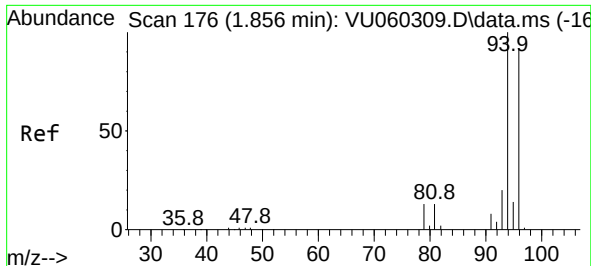
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#4
Vinyl Chloride
Concen: 0.388 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

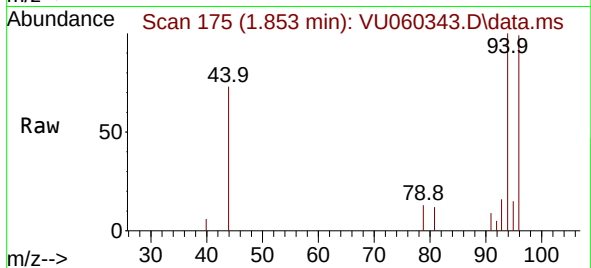
Tgt Ion: 62 Resp: 4715
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 0.459 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

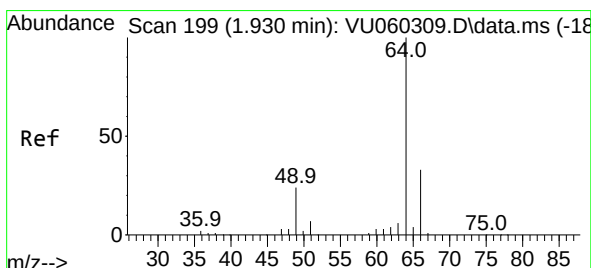
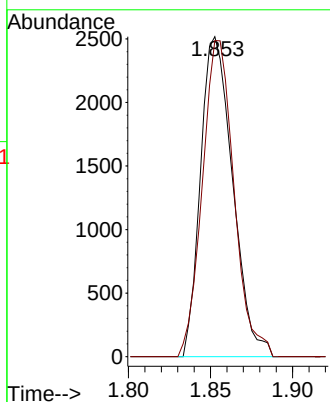
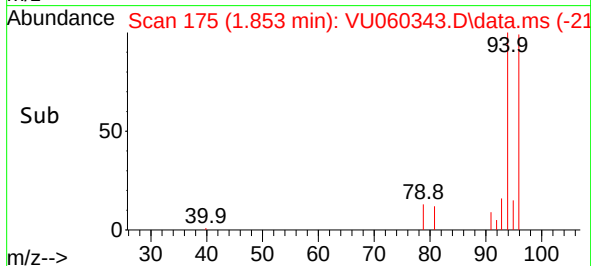
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 94 Resp: 3420
Ion Ratio Lower Upper
94 100
96 98.8 73.8 110.8

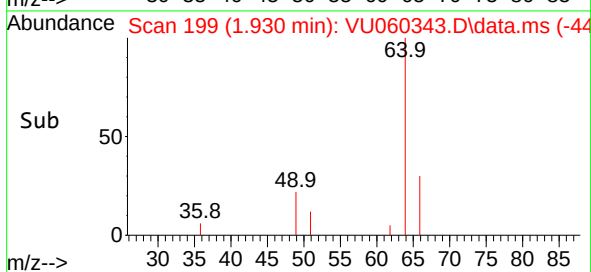
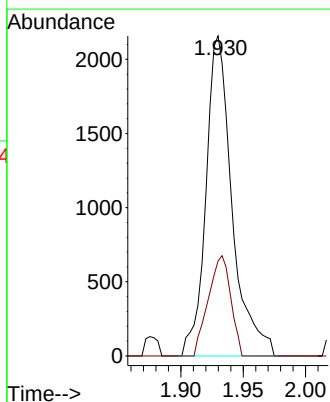
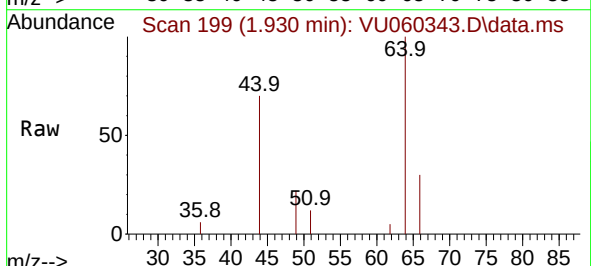
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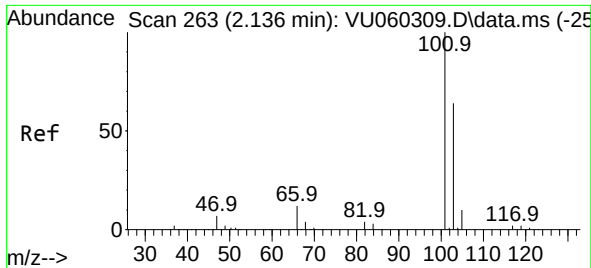
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#6
Chloroethane
Concen: 0.429 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

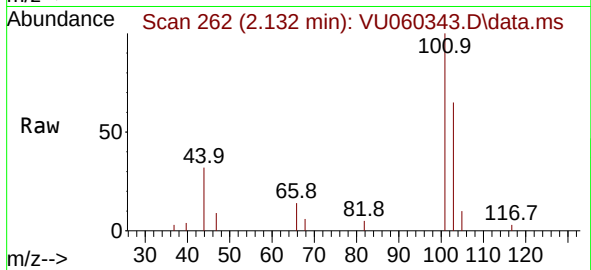
Tgt Ion: 64 Resp: 3158
Ion Ratio Lower Upper
64 100
66 29.7 26.3 39.5





#7
Trichlorofluoromethane
Concen: 0.369 ug/l
RT: 2.132 min Scan# 201
Delta R.T. -0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

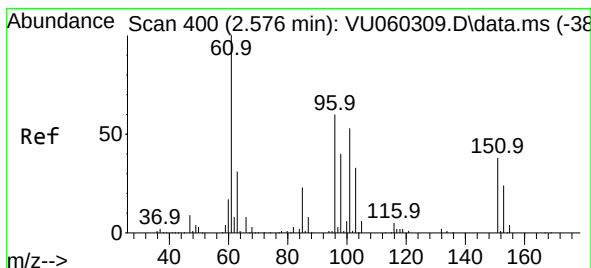
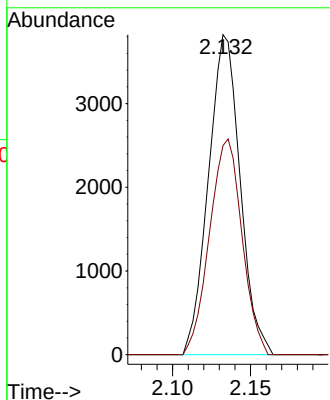
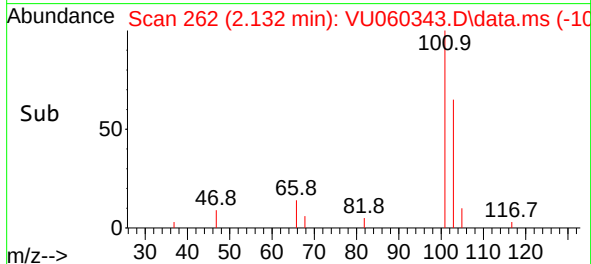
Instrument :
MSVOA_U
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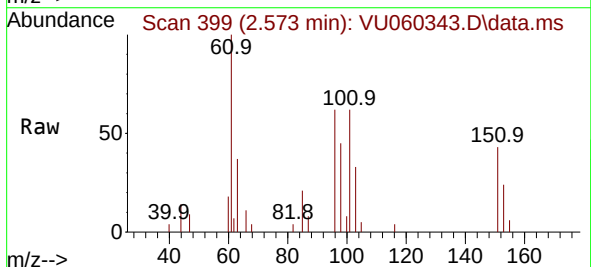
Tgt Ion:101 Resp: 540
Ion Ratio Lower Upper
101 100
103 65.4 51.0 76.4

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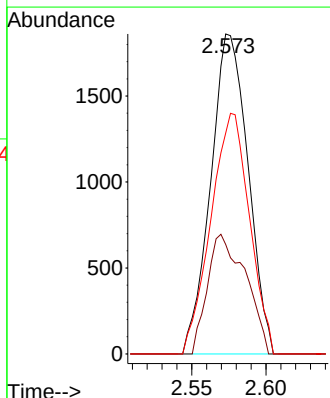
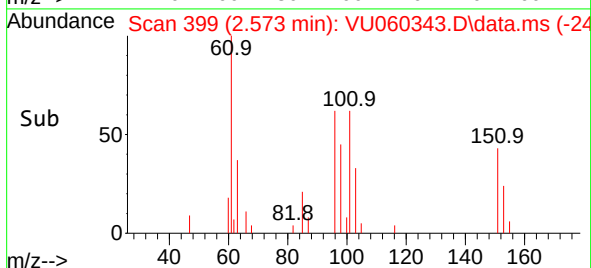
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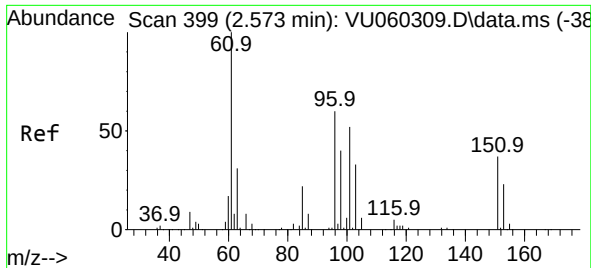


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.408 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59



Tgt Ion:101 Resp: 3259
Ion Ratio Lower Upper
101 100
85 38.2 34.9 52.3
151 77.8 57.2 85.8





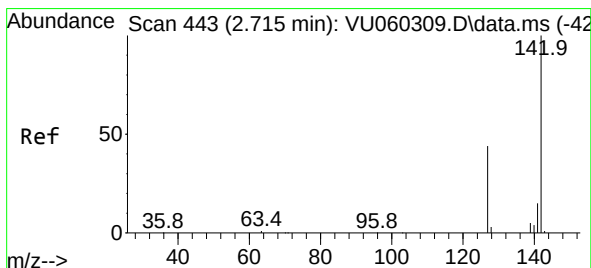
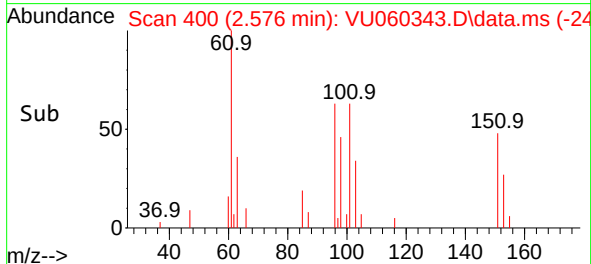
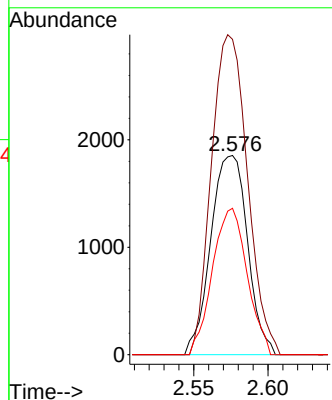
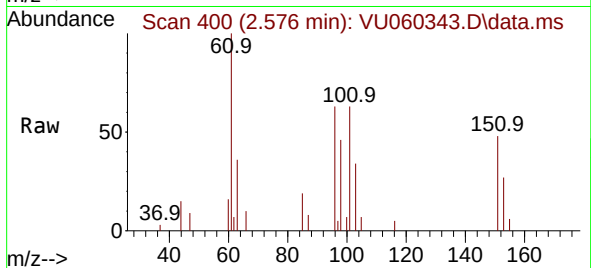
#9
1,1-Dichloroethene
Concen: 0.386 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

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

Tgt Ion: 96 Resp: 3194
Ion Ratio Lower Upper
96 100
61 158.4 0.0 495.9
98 73.5 0.0 131.6

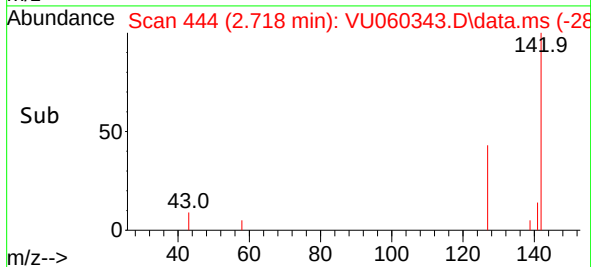
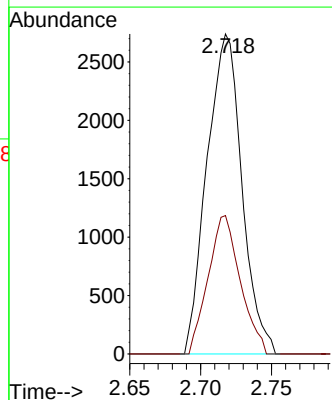
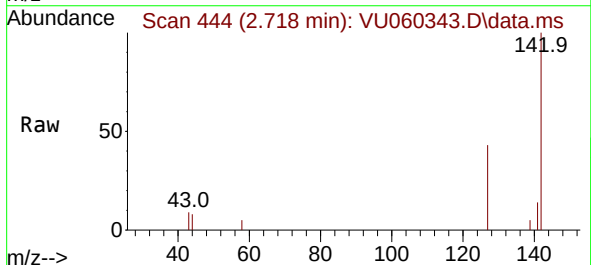
Manual Integrations
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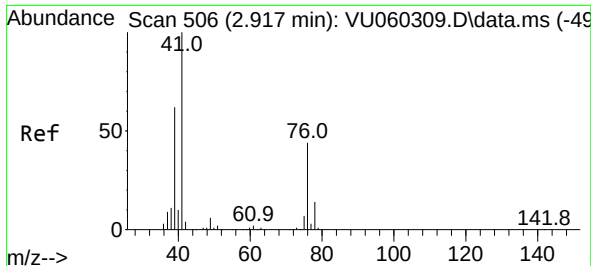
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#10
Iodomethane
Concen: 0.384 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

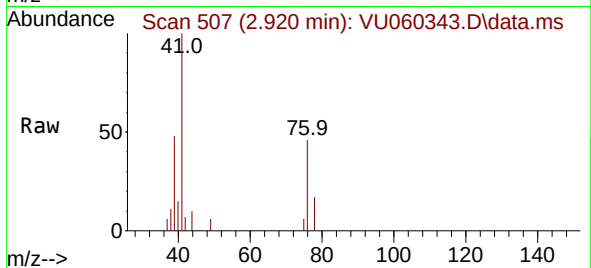
Tgt Ion:142 Resp: 4703
Ion Ratio Lower Upper
142 100
127 39.7 35.5 53.3





#11
 Allyl Chloride
 Concen: 0.358 ug/l
 RT: 2.920 min Scan# 506
 Delta R.T. 0.003 min
 Lab File: VU060343.D
 Acq: 07 Aug 2024 17:59

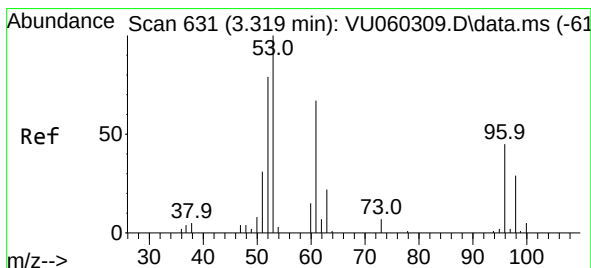
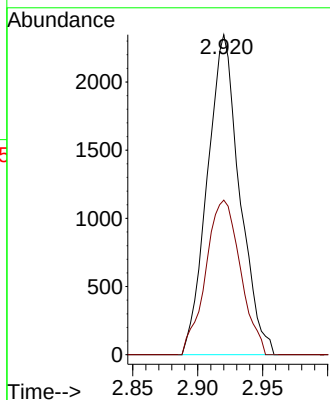
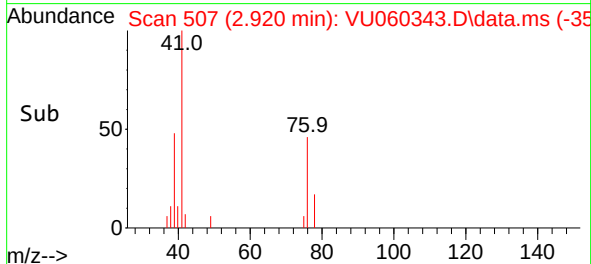
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2024



Tgt Ion: 41 Resp: 405
 Ion Ratio Lower Upper
 41 100
 39 51.9 50.0 75.0

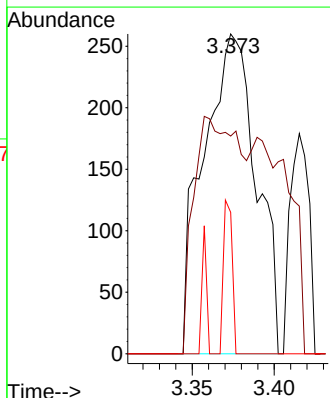
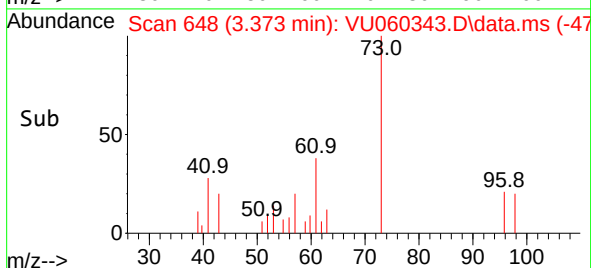
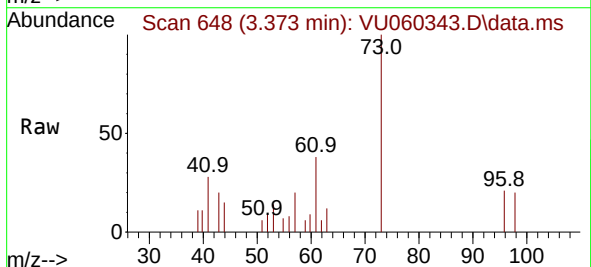
Manual Integrations
 APPROVED

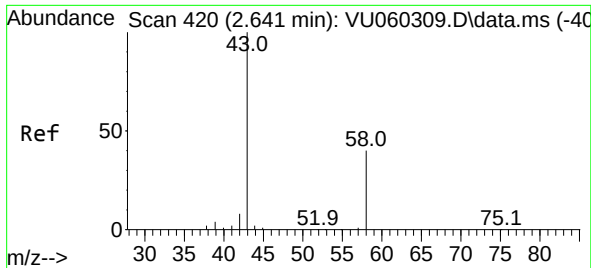
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024



#12
 Acrylonitrile
 Concen: 0.270 ug/l
 RT: 3.373 min Scan# 648
 Delta R.T. 0.054 min
 Lab File: VU060343.D
 Acq: 07 Aug 2024 17:59

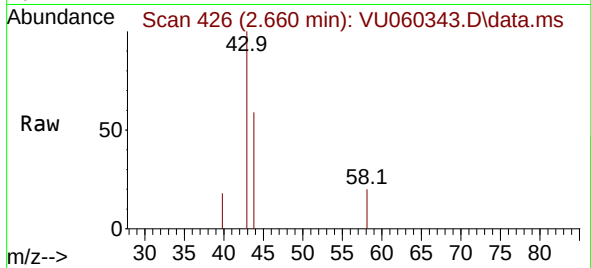
Tgt Ion: 53 Resp: 583
 Ion Ratio Lower Upper
 53 100
 52 65.9 63.7 95.5
 51 0.0 28.2 42.4#





#13
Acetone
Concen: 1.011 ug/l m
RT: 2.660 min Scan# 41
Delta R.T. 0.019 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

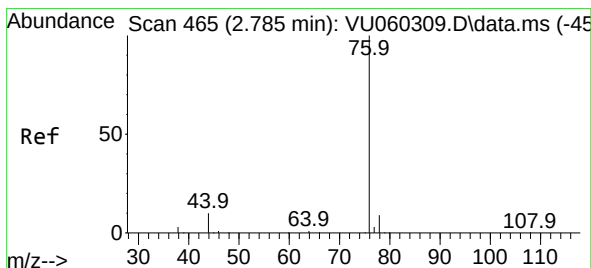
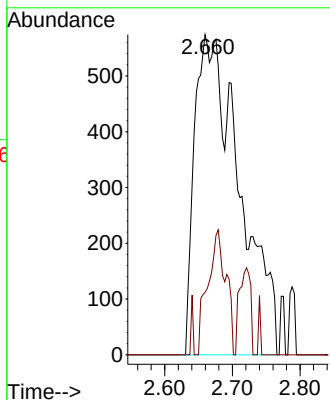
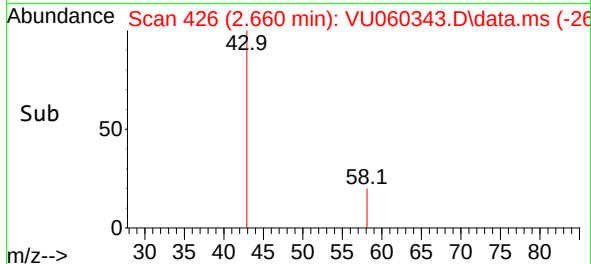
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
58 19.5 31.8 47.8

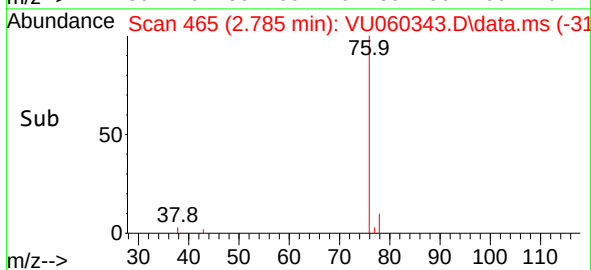
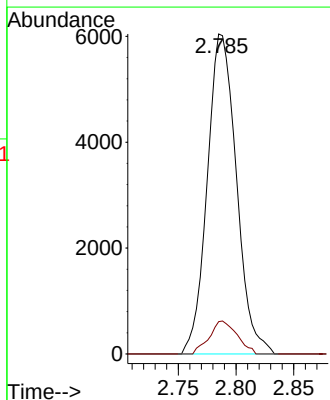
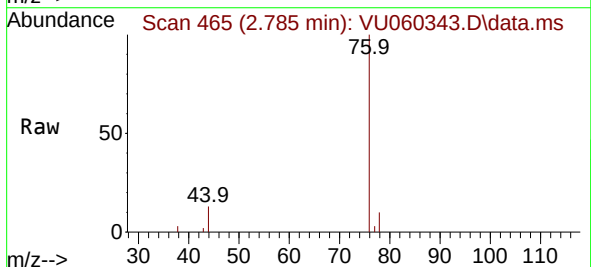
Manual Integrations
APPROVED

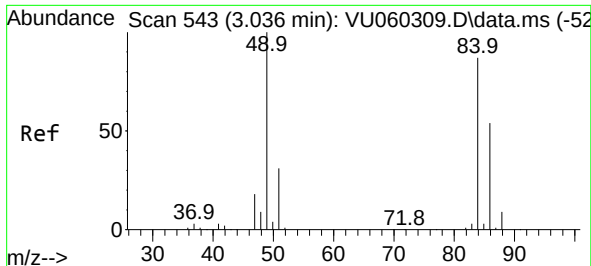
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#14
Carbon Disulfide
Concen: 0.379 ug/l
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

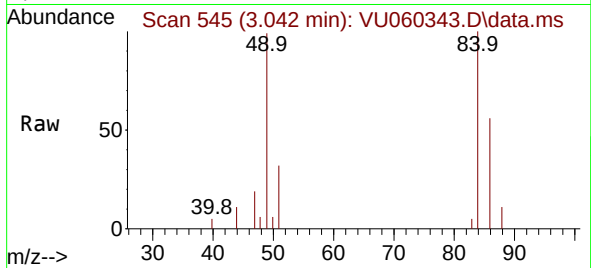
Tgt Ion: 76 Resp: 10623
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0





#15
Methylene Chloride
Concen: 0.530 ug/l
RT: 3.042 min Scan# 543
Delta R.T. 0.006 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

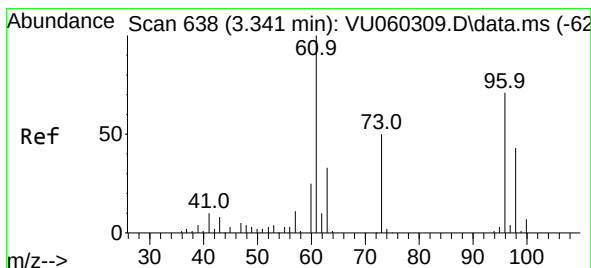
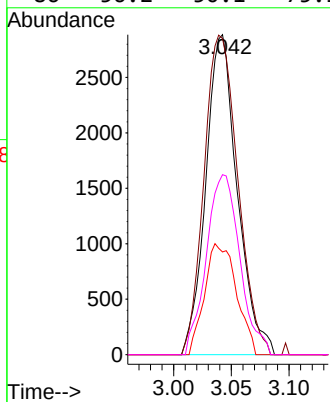
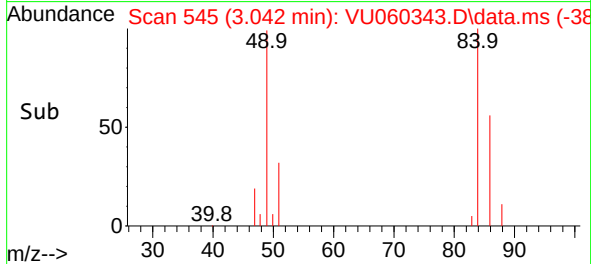
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 84 Resp: 548
Ion Ratio Lower Upper
84 100
49 98.8 92.1 138.1
51 32.1 0.0 72.4
86 56.2 50.1 75.1

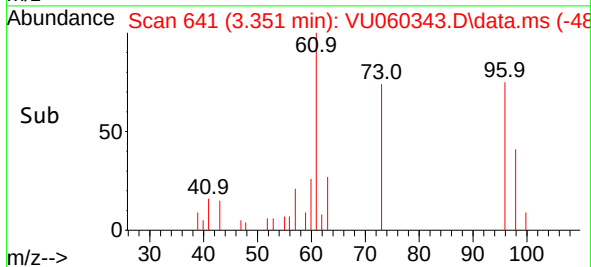
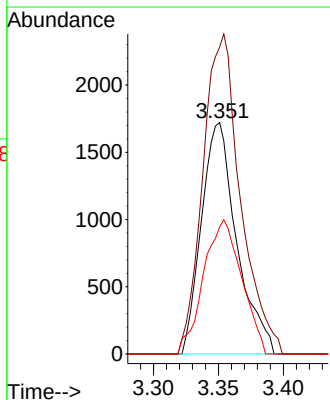
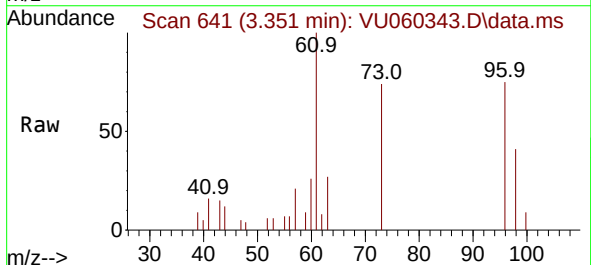
Manual Integrations
APPROVED

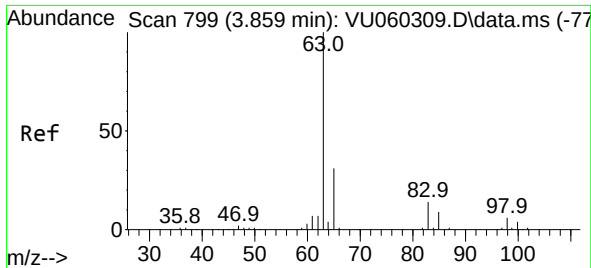
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#16
trans-1,2-Dichloroethene
Concen: 0.366 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.009 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

Tgt Ion: 96 Resp: 3242
Ion Ratio Lower Upper
96 100
61 132.5 112.8 169.2
98 54.9 48.7 73.1





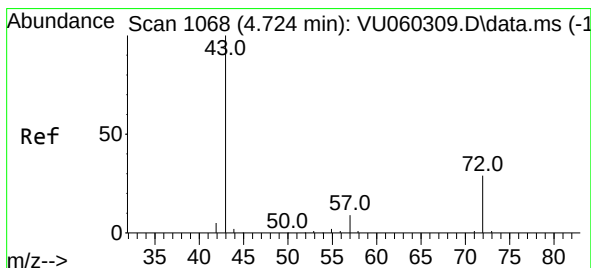
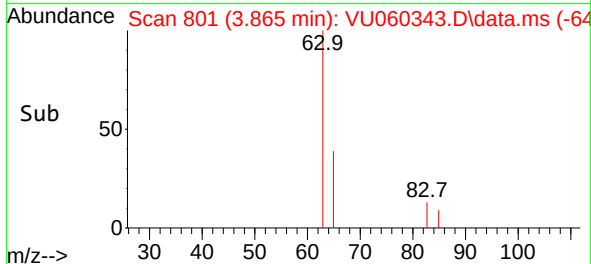
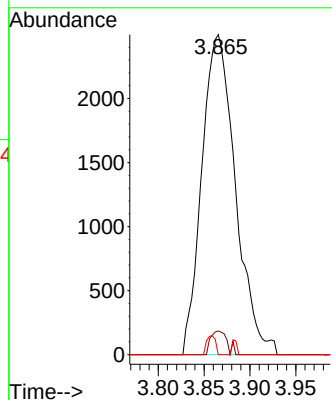
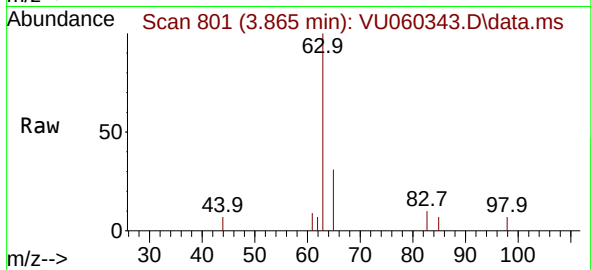
#17
1,1-Dichloroethane
Concen: 0.374 ug/l
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

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

Tgt Ion: 63 Resp: 637
Ion Ratio Lower Upper
63 100
98 7.4 3.1 9.4
100 0.0 2.0 5.8

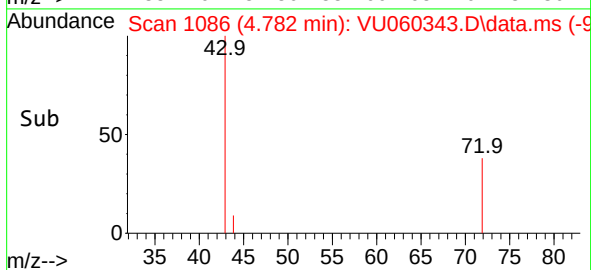
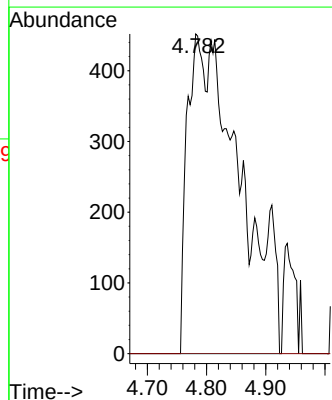
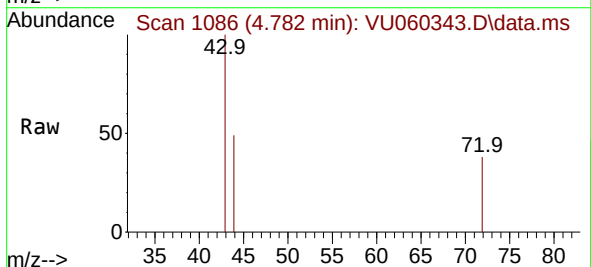
Manual Integrations
APPROVED

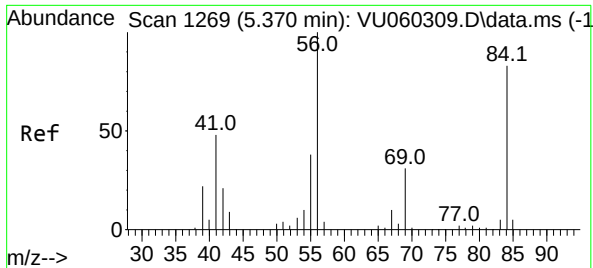
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#18
2-Butanone
Concen: 0.915 ug/l m
RT: 4.782 min Scan# 1086
Delta R.T. 0.058 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

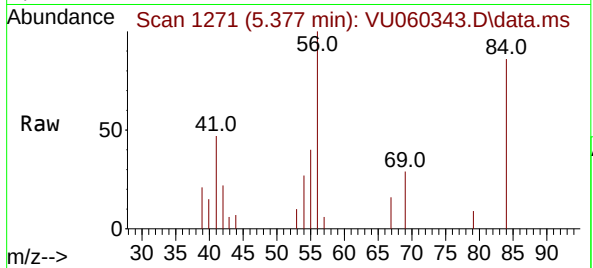
Tgt Ion: 43 Resp: 2773
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.4





#19
Cyclohexane
Concen: 0.256 ug/l m
RT: 5.377 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

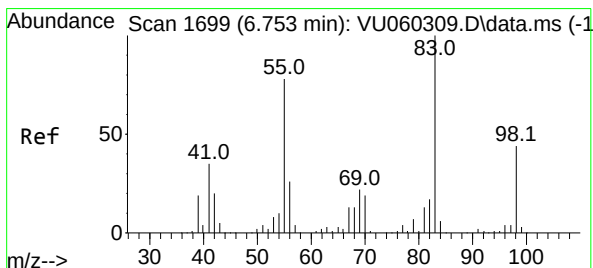
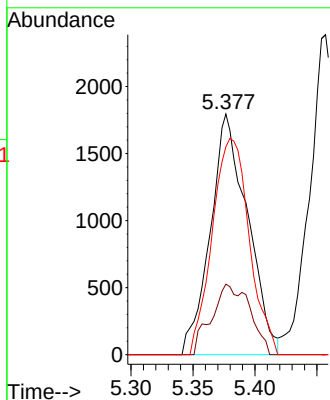
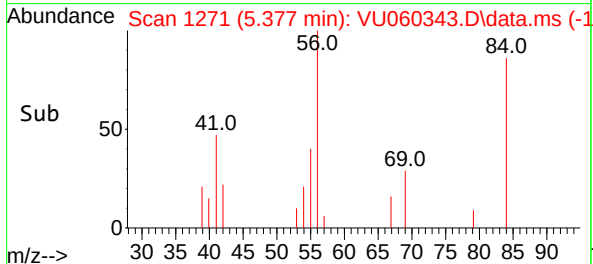
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 56 Resp: 375
Ion Ratio Lower Upper
56 100
69 30.1 24.2 36.2
84 89.2 63.9 95.9

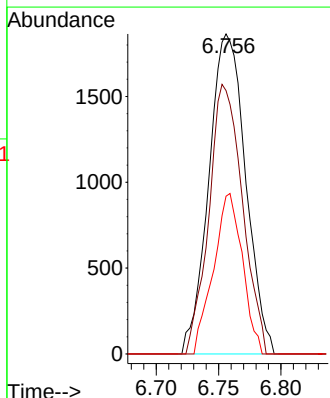
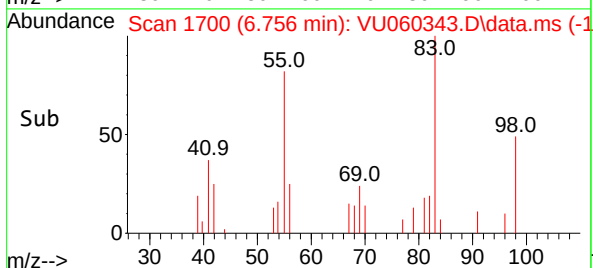
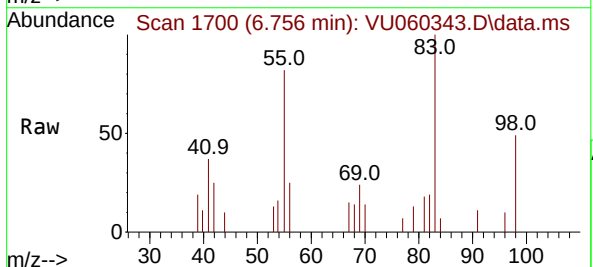
Manual Integrations
APPROVED

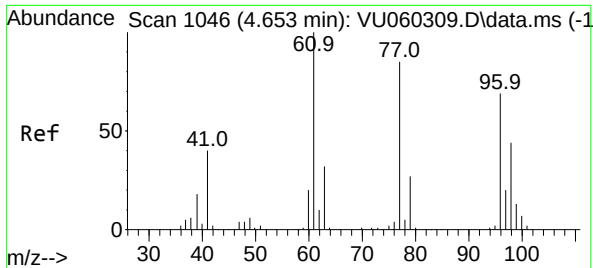
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#20
Methylcyclohexane
Concen: 0.329 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

Tgt Ion: 83 Resp: 3830
Ion Ratio Lower Upper
83 100
55 76.8 62.2 93.2
98 39.5 36.1 54.1





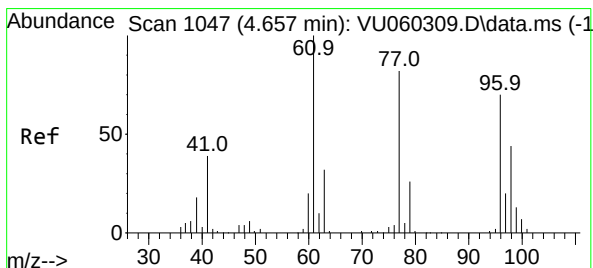
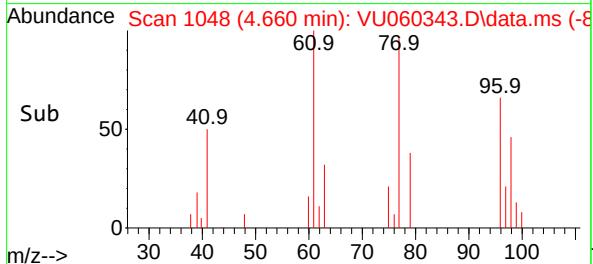
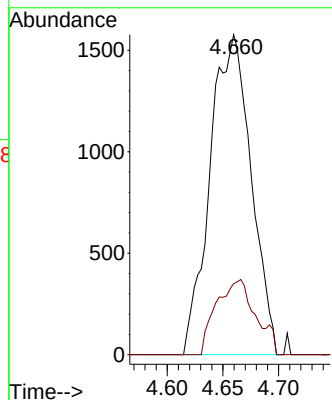
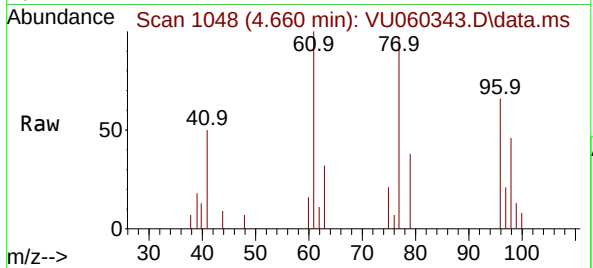
#21
2,2-Dichloropropane
Concen: 0.305 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

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

Tgt Ion: 77 Resp: 404
Ion Ratio Lower Upper
77 100
97 22.5 18.6 27.8

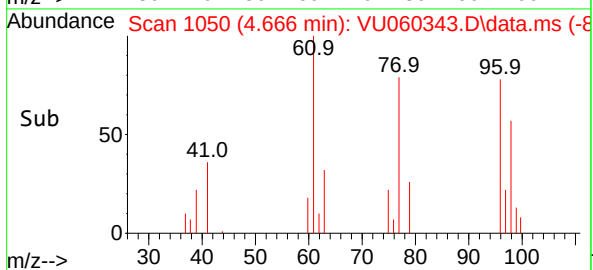
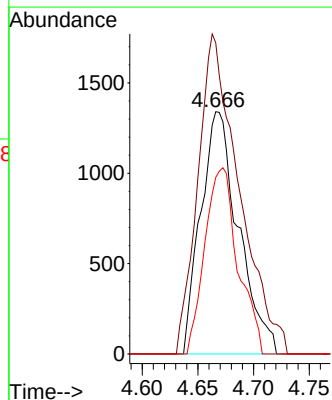
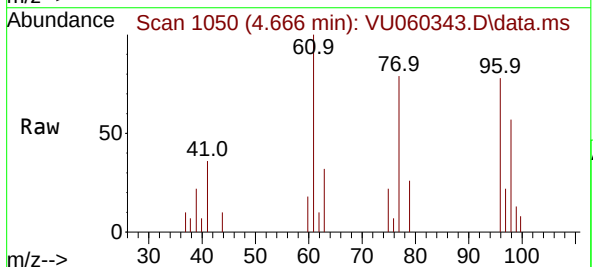
Manual Integrations
APPROVED

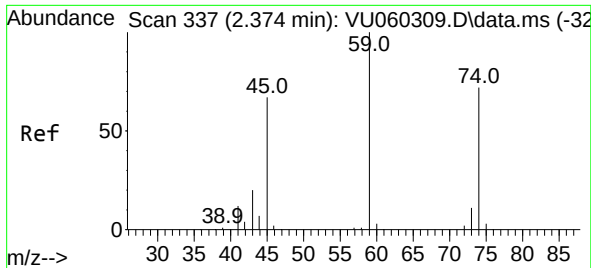
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#22
cis-1,2-Dichloroethene
Concen: 0.333 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.009 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

Tgt Ion: 96 Resp: 3159
Ion Ratio Lower Upper
96 100
61 144.3 0.0 372.8
98 67.2 31.8 95.4





#23

Diethyl Ether

Concen: 0.356 ug/l

RT: 2.373 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2024

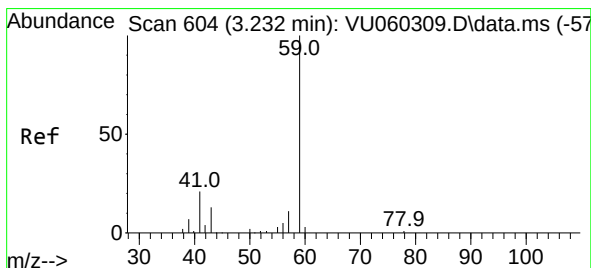
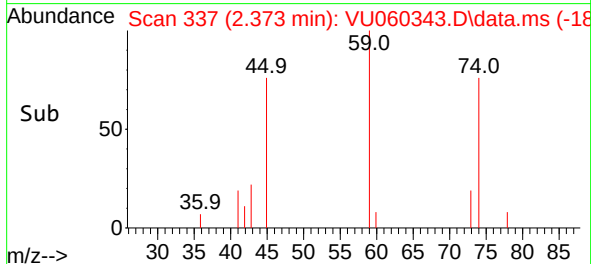
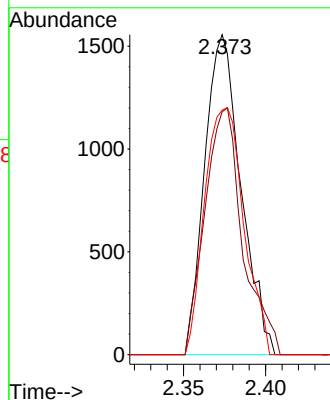
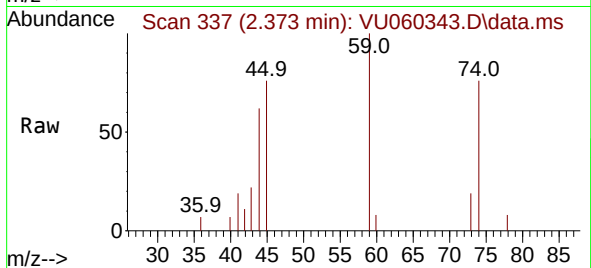
Tgt Ion: 59 Resp: 239

Ion	Ratio	Lower	Upper
59	100		
45	80.2	55.8	83.6
74	83.5	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: 1.025 ug/l m

RT: 3.354 min Scan# 642

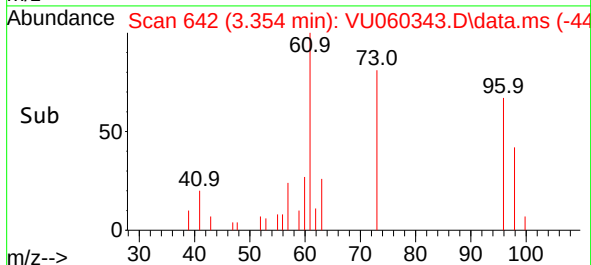
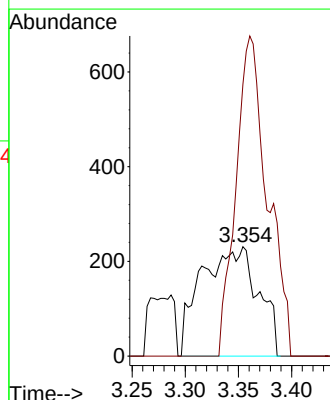
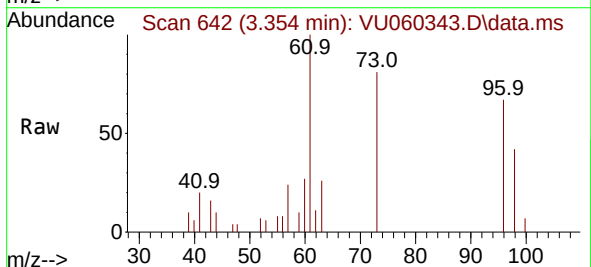
Delta R.T. 0.122 min

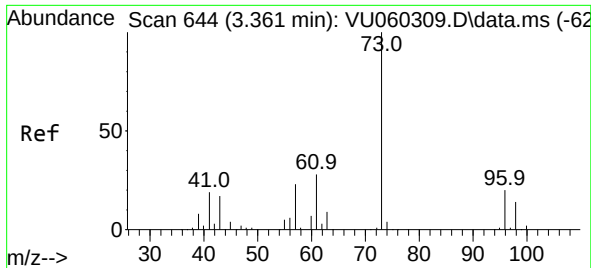
Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

Tgt Ion: 59 Resp: 860

Ion	Ratio	Lower	Upper
59	100		
57	0.0	4.5	6.7#





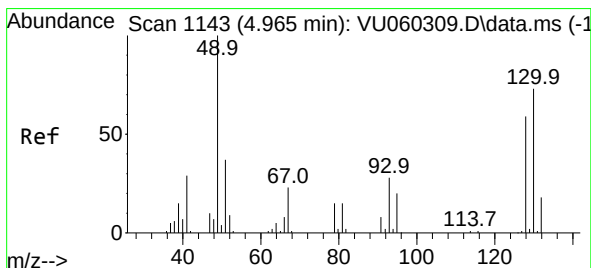
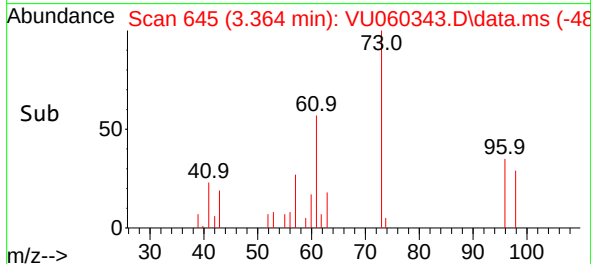
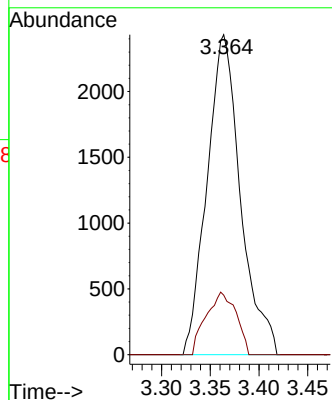
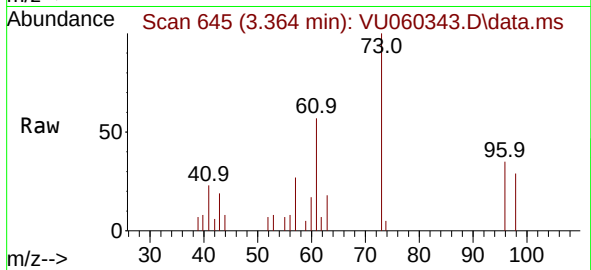
#25
Methyl tert-Butyl Ether
Concen: 0.286 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

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

Tgt Ion: 73 Resp: 5800
Ion Ratio Lower Upper
73 100
43 17.6 14.1 21.1

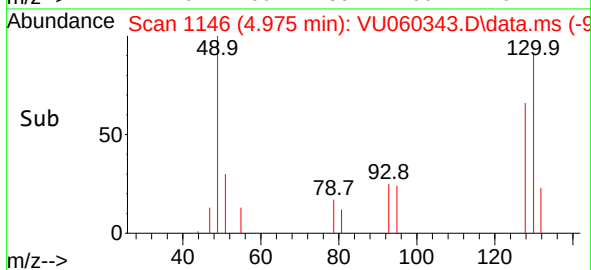
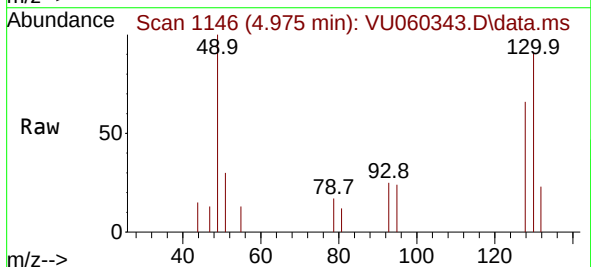
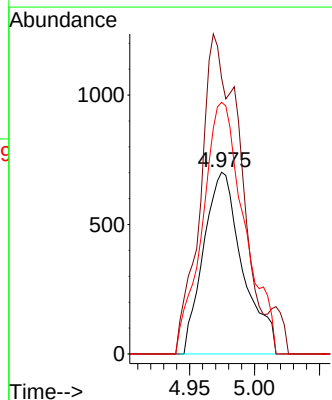
Manual Integrations
APPROVED

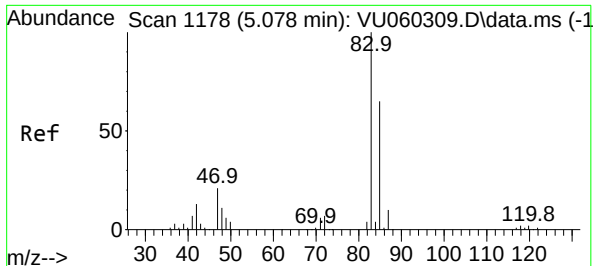
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#26
Bromochloromethane
Concen: 0.366 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.009 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

Tgt Ion:128 Resp: 1470
Ion Ratio Lower Upper
128 100
49 177.7 0.0 340.8
130 149.3 102.1 153.1





#27

Chloroform

Concen: 0.401 ug/l

RT: 5.084 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

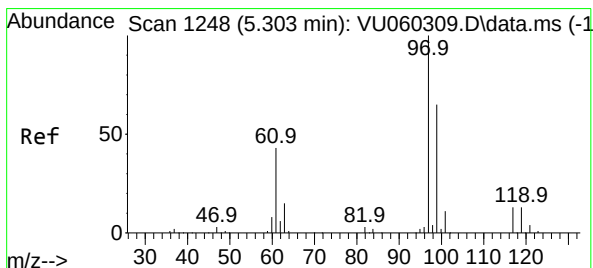
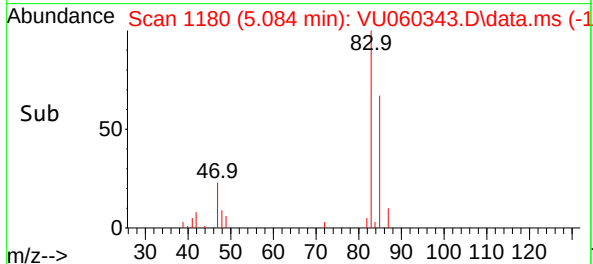
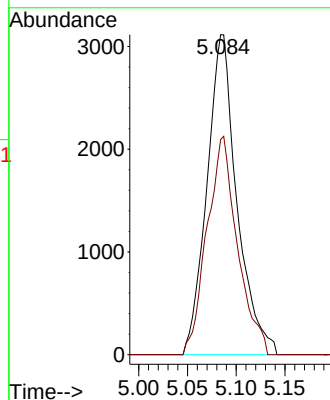
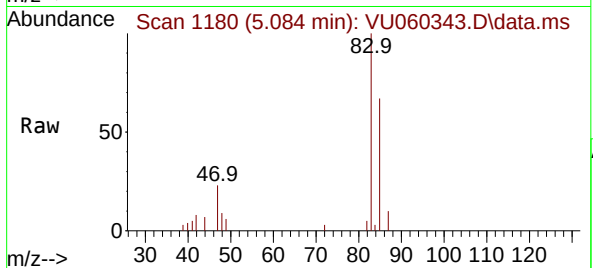
MDL-WATER-03-QT3-2024

Tgt Ion: 83 Resp: 667
 Ion Ratio Lower Upper
 83 100
 85 67.3 0.0 131.0

Manual Integrations

APPROVED

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



#28

1,1,1-Trichloroethane

Concen: 0.391 ug/l

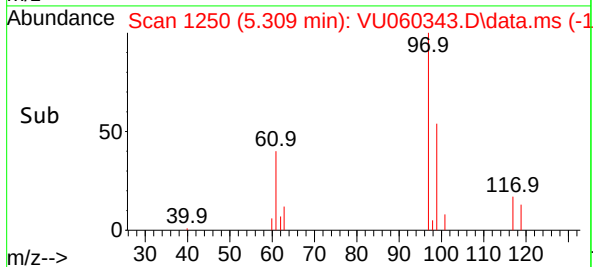
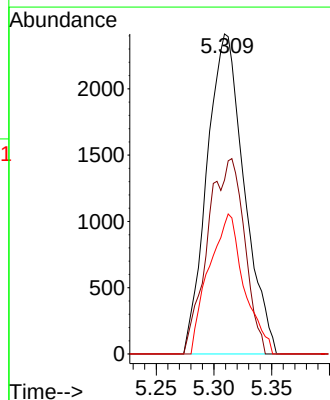
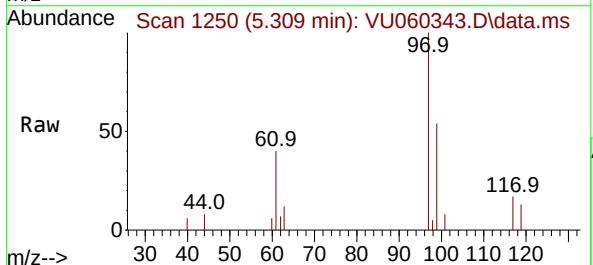
RT: 5.309 min Scan# 1250

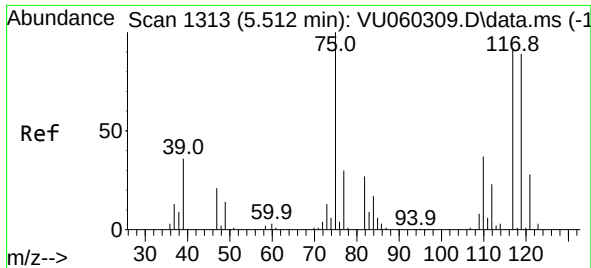
Delta R.T. 0.006 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

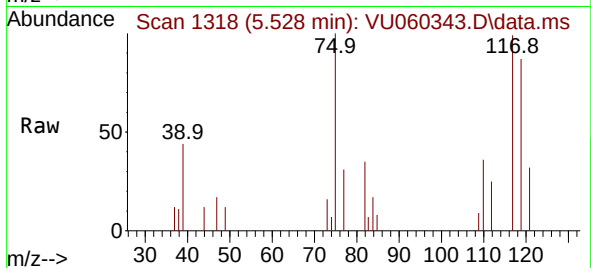
Tgt Ion: 97 Resp: 5412
 Ion Ratio Lower Upper
 97 100
 99 60.5 32.8 98.4
 61 41.4 22.3 66.9





#29
1,1-Dichloropropene
Concen: 0.322 ug/l
RT: 5.528 min Scan# 1318
Delta R.T. 0.016 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

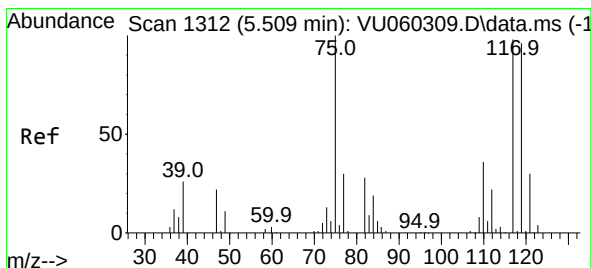
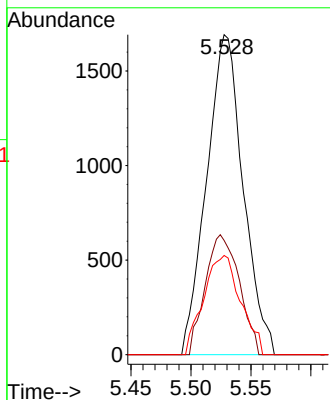
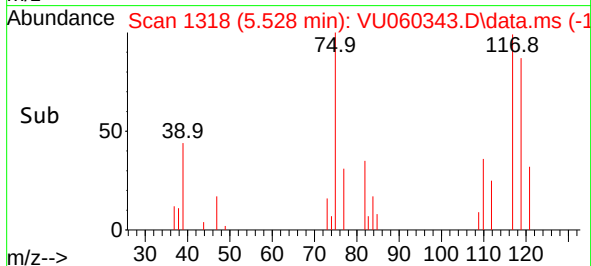
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



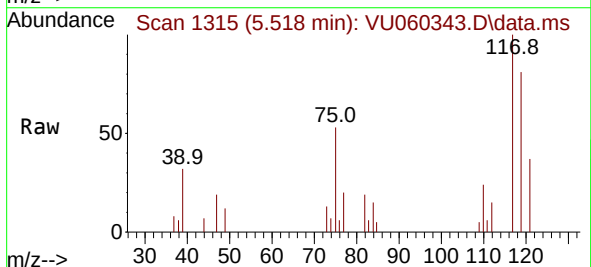
Tgt Ion: 75 Resp: 3570
Ion Ratio Lower Upper
75 100
110 34.9 18.4 55.2
77 31.5 24.8 37.2

Manual Integrations
APPROVED

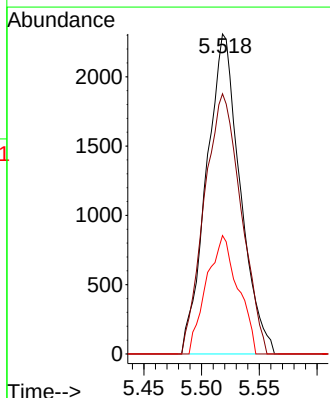
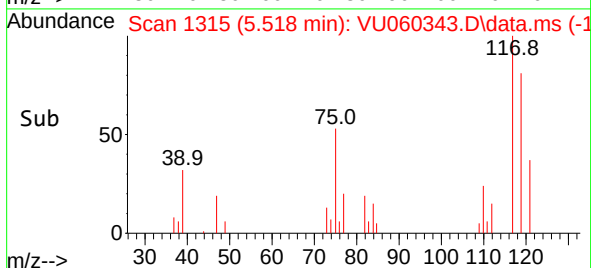
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

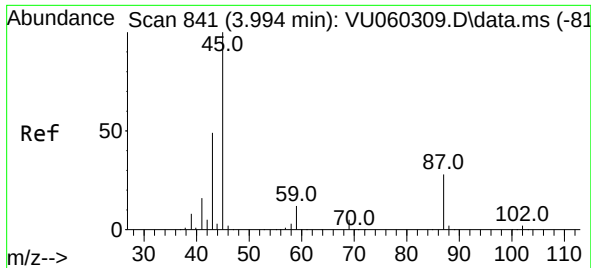


#30
Carbon Tetrachloride
Concen: 0.415 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.009 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59



Tgt Ion:117 Resp: 4679
Ion Ratio Lower Upper
117 100
119 81.3 77.8 116.6
121 37.0 24.2 36.2#





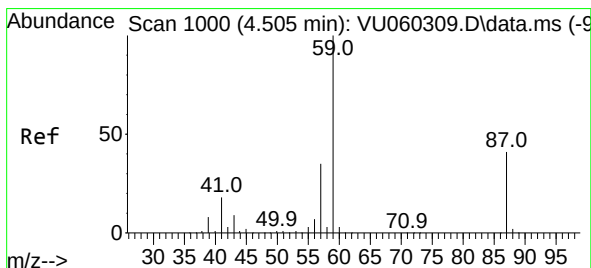
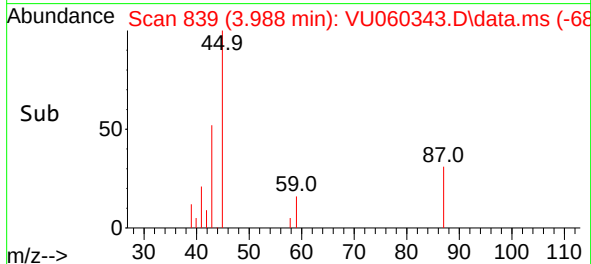
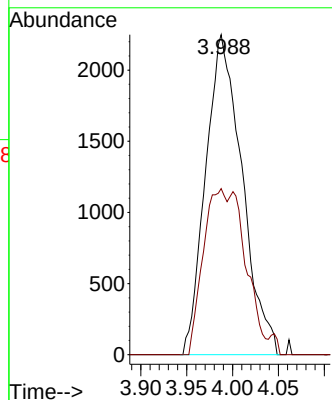
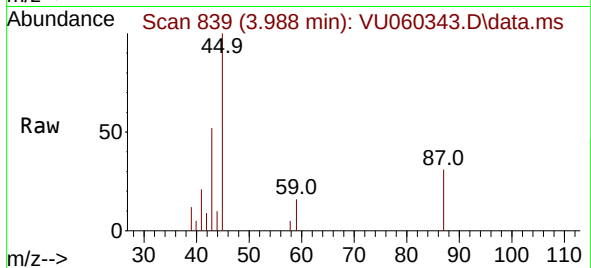
#31
Isopropyl Ether
Concen: 0.249 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.007 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

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

Tgt Ion: 45 Resp: 6199
Ion Ratio Lower Upper
45 100
43 33.8 24.7 74.1

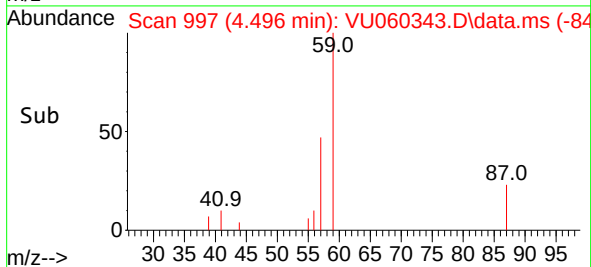
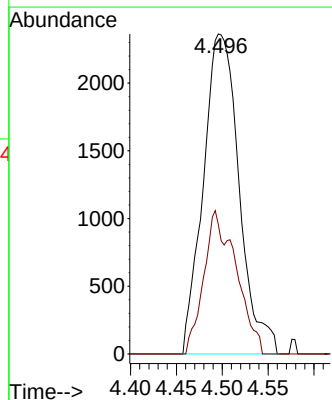
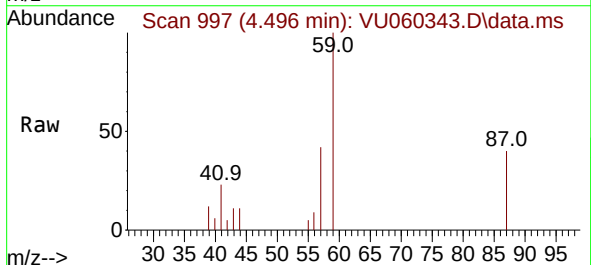
Manual Integrations
APPROVED

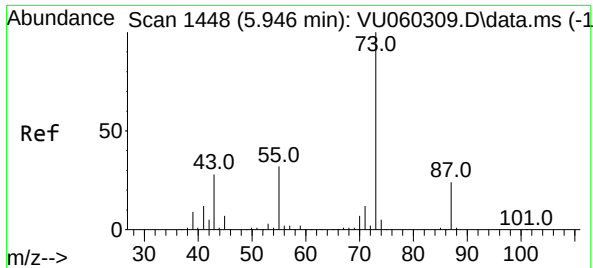
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#32
Ethyl-t-butyl ether
Concen: 0.267 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.010 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

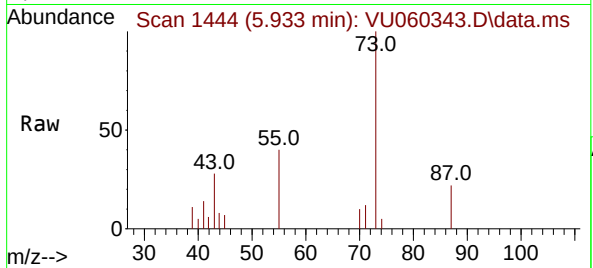
Tgt Ion: 59 Resp: 6430
Ion Ratio Lower Upper
59 100
87 23.9 32.6 49.0#





#33
Tert-Amyl methyl ether
Concen: 0.312 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.013 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

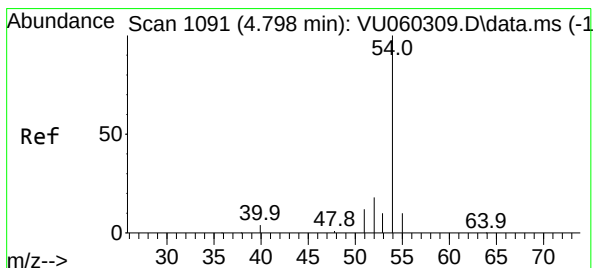
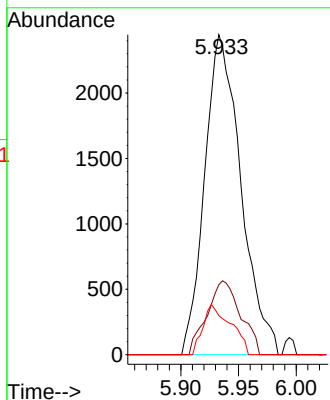
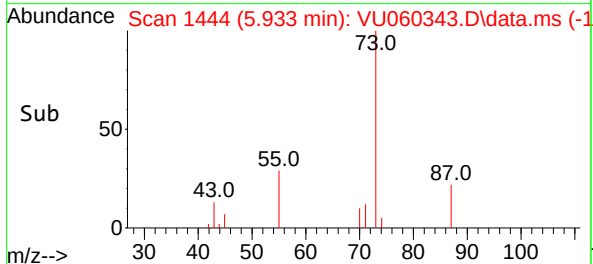
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



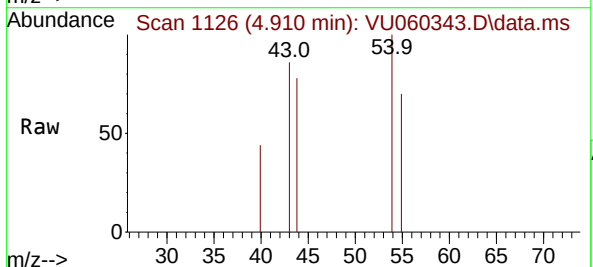
Tgt Ion: 73 Resp: 533
Ion Ratio Lower Upper
73 100
87 21.4 19.6 29.4
71 12.0 9.5 14.3

Manual Integrations
APPROVED

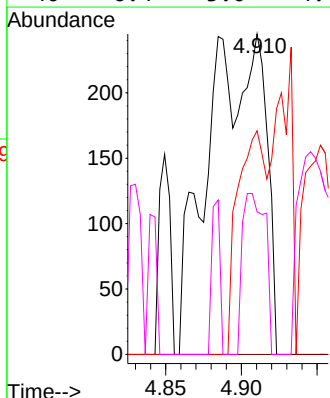
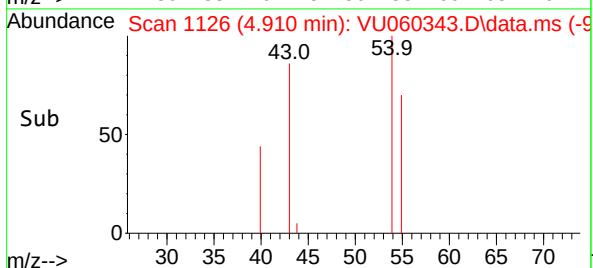
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

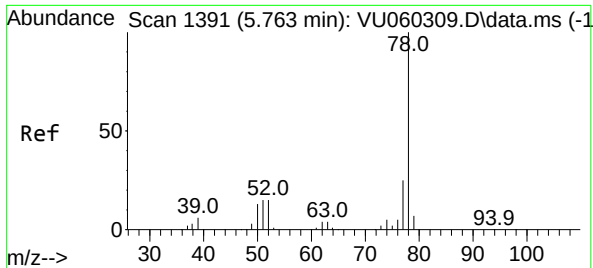


#34
Propionitrile
Concen: 0.742 ug/l m
RT: 4.910 min Scan# 1126
Delta R.T. 0.112 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59



Tgt Ion: 54 Resp: 643
Ion Ratio Lower Upper
54 100
52 0.0 16.4 24.6#
55 0.0 5.2 7.8#
40 6.4 3.0 4.4#





#35

Benzene

Concen: 0.372 ug/l

RT: 5.772 min Scan# 11

Delta R.T. 0.009 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 78 Resp: 12718

Ion Ratio Lower Upper

78 100

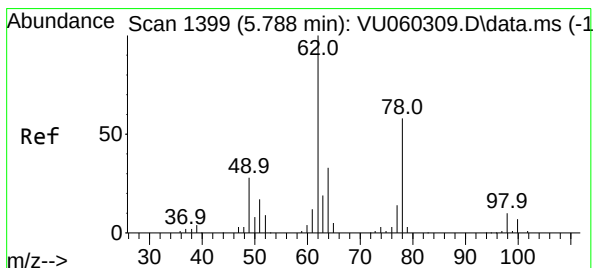
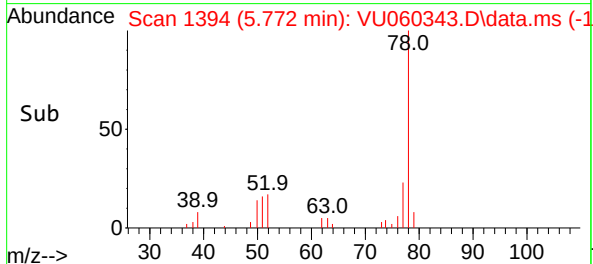
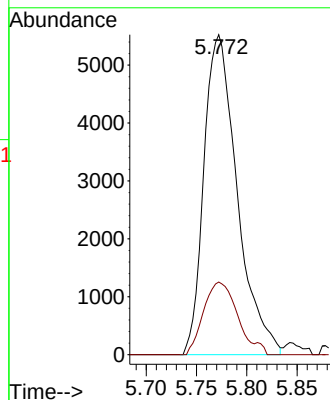
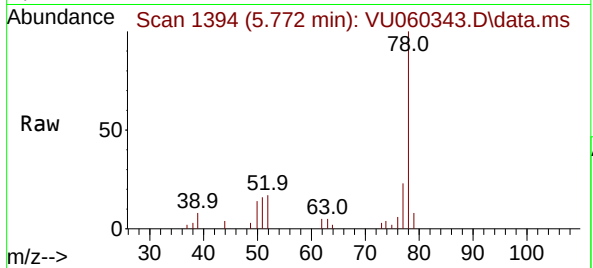
77 22.7 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024

Supervised By :Semsettin Yesilyurt 08/12/2024



#36

1,2-Dichloroethane

Concen: 0.396 ug/l

RT: 5.798 min Scan# 1402

Delta R.T. 0.009 min

Lab File: VU060343.D

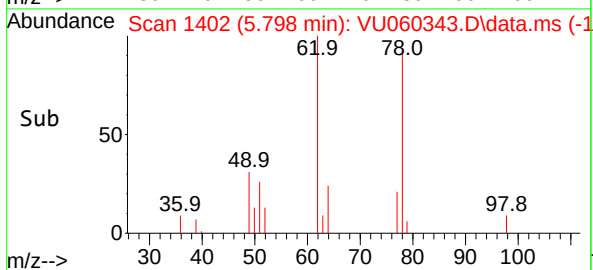
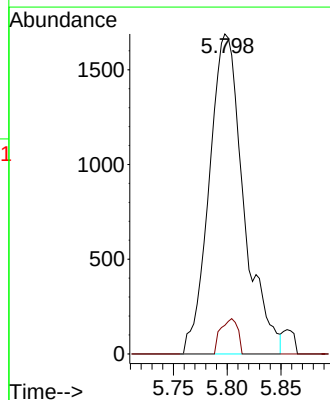
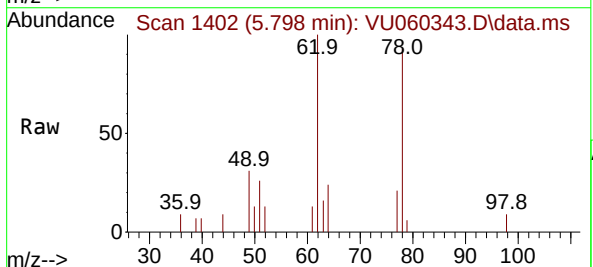
Acq: 07 Aug 2024 17:59

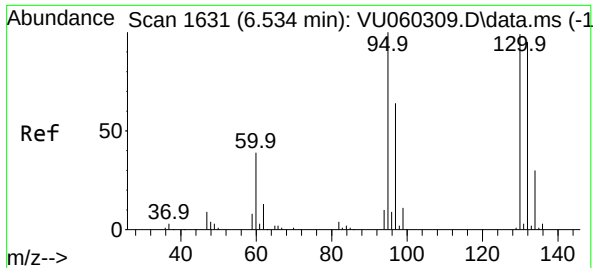
Tgt Ion: 62 Resp: 3758

Ion Ratio Lower Upper

62 100

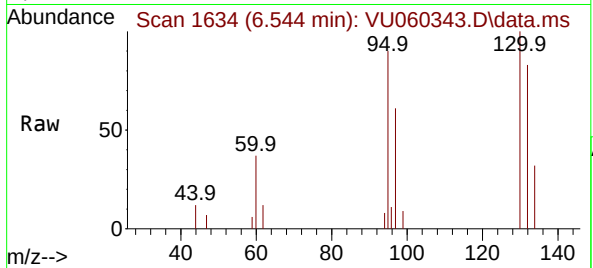
98 5.4 8.1 12.1#





#37
Trichloroethene
Concen: 0.446 ug/l
RT: 6.544 min Scan# 1710
Delta R.T. 0.009 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

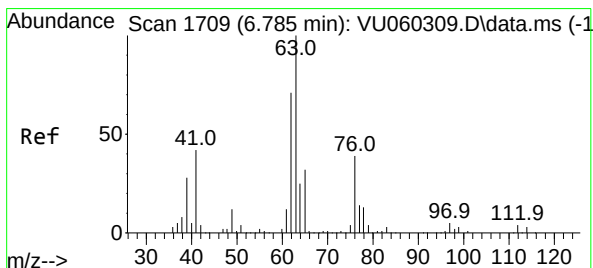
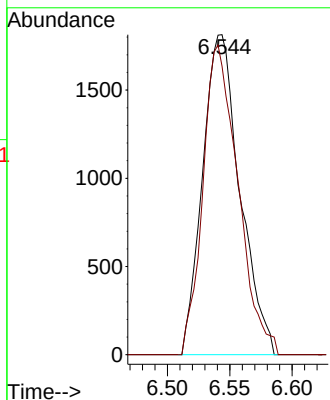
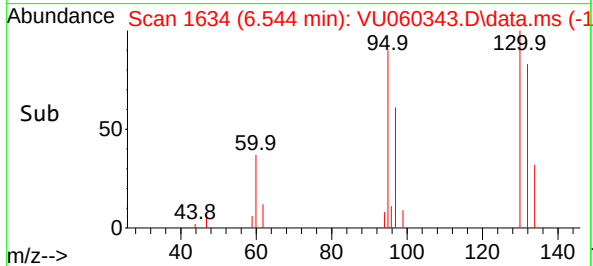
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



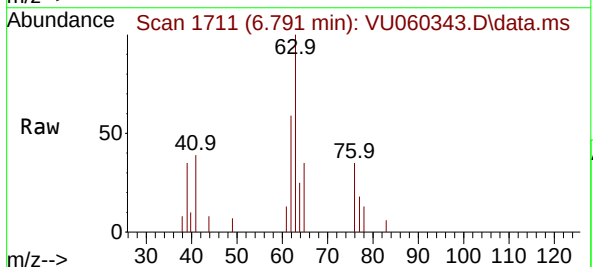
Tgt Ion:130 Resp: 3775
Ion Ratio Lower Upper
130 100
95 90.1 80.6 121.0

Manual Integrations
APPROVED

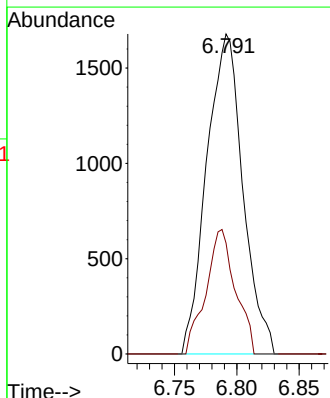
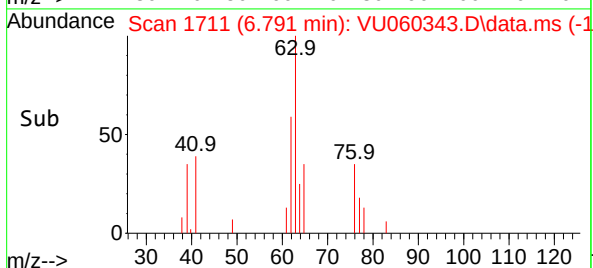
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

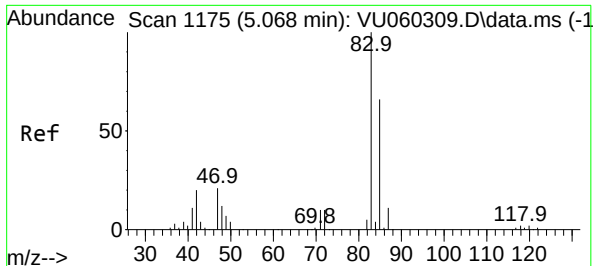


#38
1,2-Dichloropropane
Concen: 0.366 ug/l
RT: 6.791 min Scan# 1711
Delta R.T. 0.006 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59



Tgt Ion: 63 Resp: 3386
Ion Ratio Lower Upper
63 100
65 34.7 25.6 38.4





#41

Tetrahydrofuran

Concen: 0.270 ug/l

RT: 5.087 min Scan# 1175

Delta R.T. 0.019 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

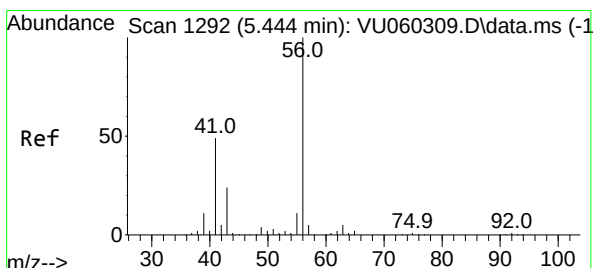
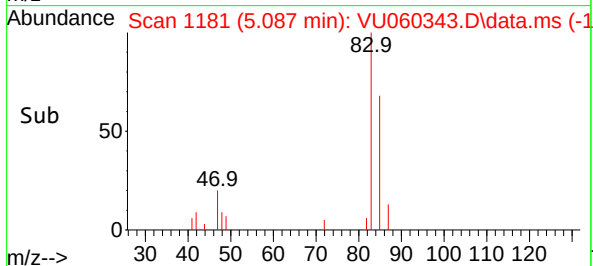
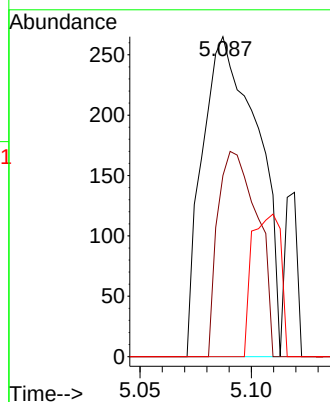
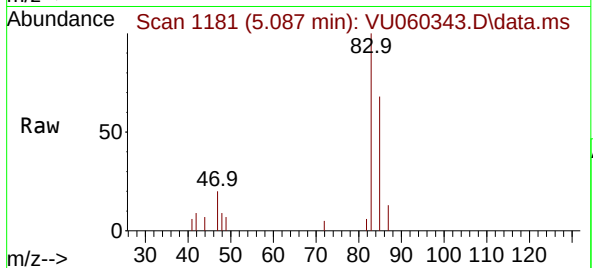
MDL-WATER-03-QT3-2024

Tgt Ion: 42	Resp: 460
Ion Ratio	Lower Upper
42	100
72	45.7 40.6 60.8
71	0.0 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: 0.310 ug/l

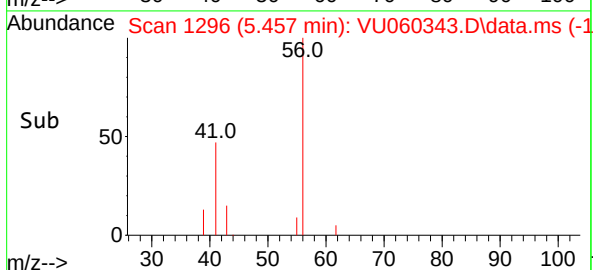
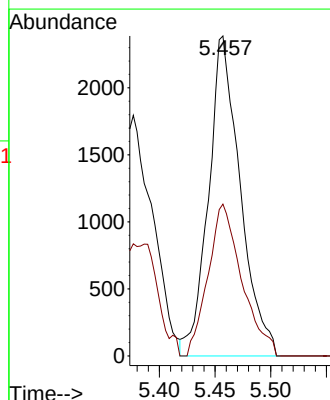
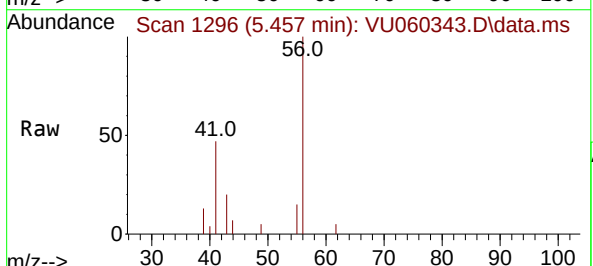
RT: 5.457 min Scan# 1296

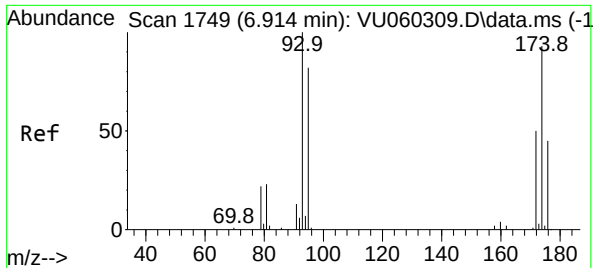
Delta R.T. 0.013 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

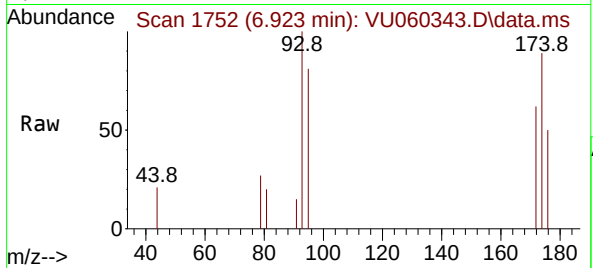
Tgt Ion: 56	Resp: 4736
Ion Ratio	Lower Upper
56	100
41	50.5 23.8 71.5





#43
Dibromomethane
Concen: 0.347 ug/l
RT: 6.923 min Scan# 1752
Delta R.T. 0.009 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

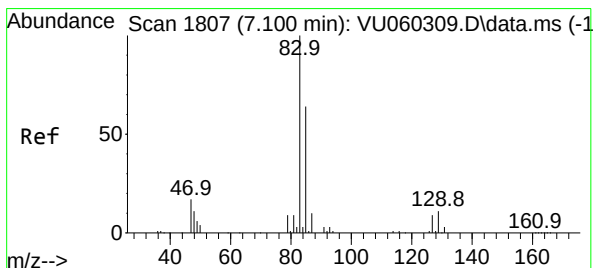
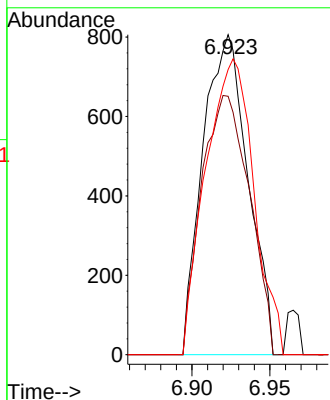
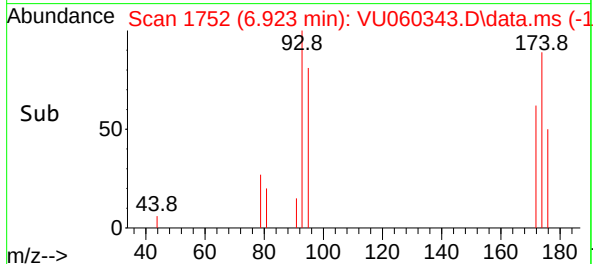
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



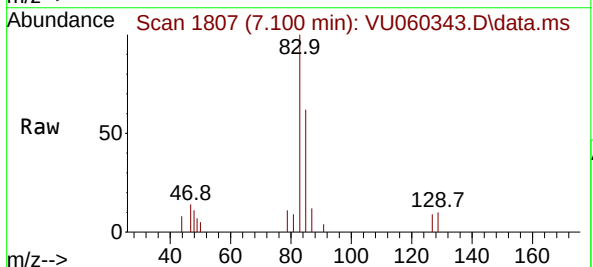
Tgt Ion: 93 Resp: 162
Ion Ratio Lower Upper
93 100
95 86.1 66.4 99.6
174 98.5 75.2 112.8

Manual Integrations
APPROVED

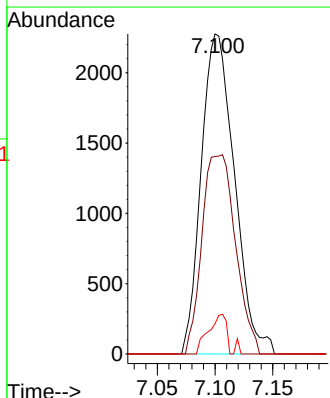
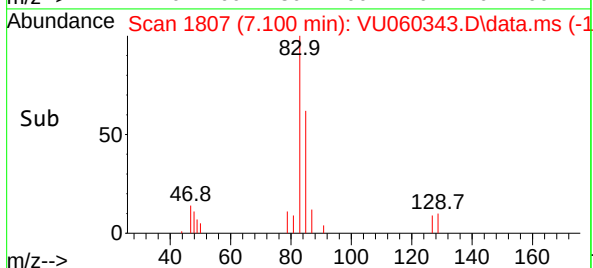
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

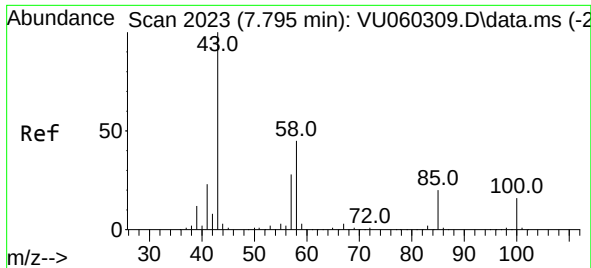


#44
Bromodichloromethane
Concen: 0.407 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59



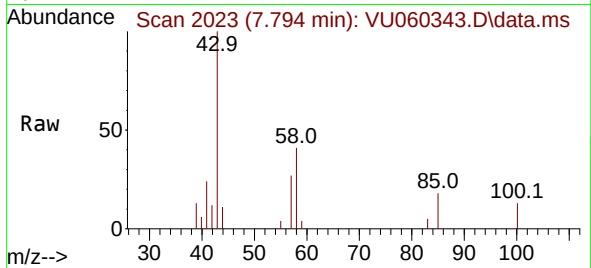
Tgt Ion: 83 Resp: 4564
Ion Ratio Lower Upper
83 100
85 61.7 51.3 76.9
127 9.4 6.8 10.2





#45
4-Methyl-2-Pentanone
Concen: 1.542 ug/l
RT: 7.794 min Scan# 2023
Delta R.T. -0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

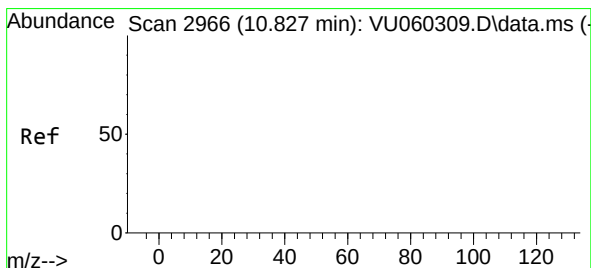
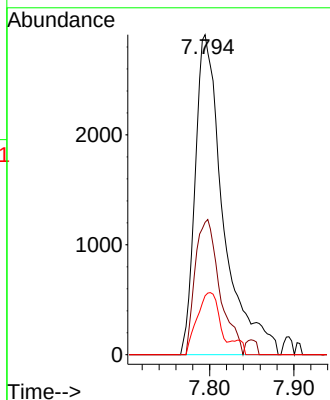
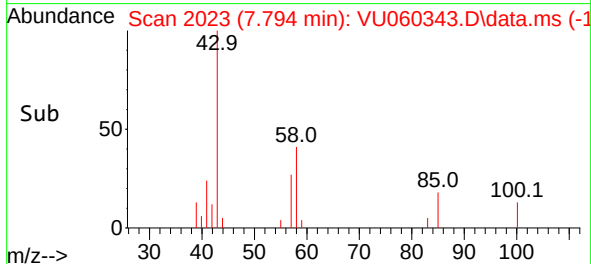
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
58 36.9 22.3 66.9
85 15.6 16.0 24.0

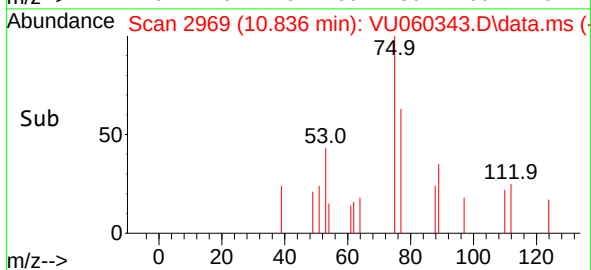
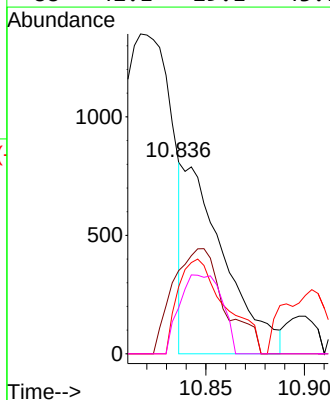
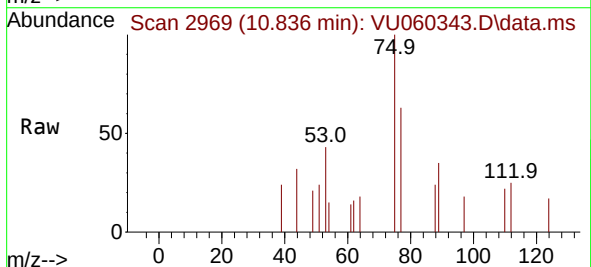
Manual Integrations
APPROVED

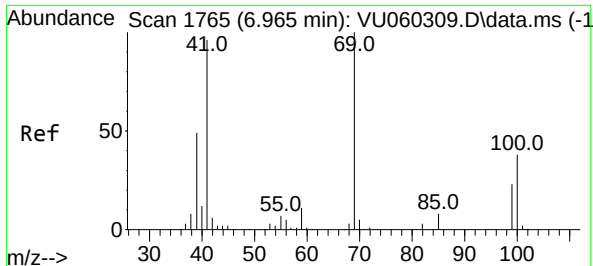
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#46
t-1,4-Dichloro-2-butene
Concen: 0.478 ug/l m
RT: 10.836 min Scan# 2969
Delta R.T. 0.009 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

Tgt Ion: 75 Resp: 1177
Ion Ratio Lower Upper
75 100
53 68.8 57.2 85.8
89 57.0 40.4 60.6
88 42.1 29.1 43.7





#47

Methyl methacrylate

Concen: 0.532 ug/l

RT: 6.975 min Scan# 1768

Delta R.T. 0.009 min

Lab File: VU060343.D

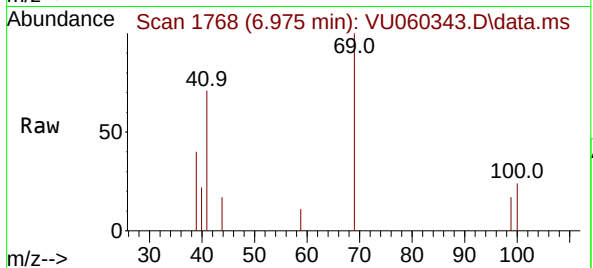
Acq: 07 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2024

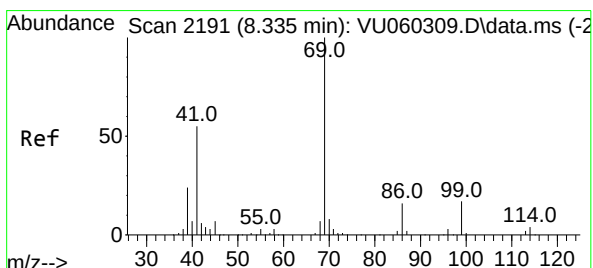
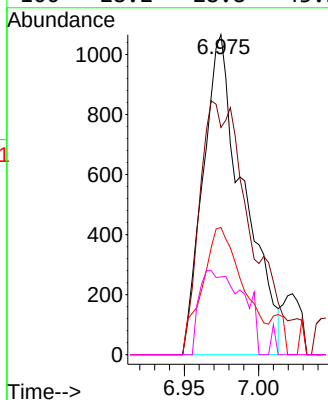
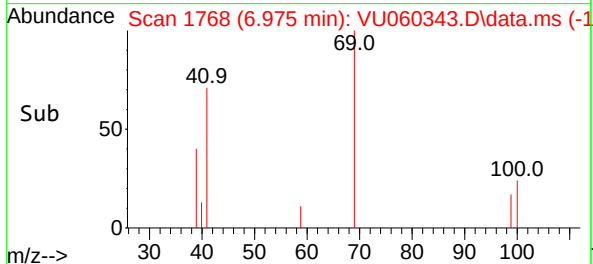


Tgt Ion:	69	Ratio	100	Lower	Upper
69	100				
41	101.4	0.0	194.0		
39	41.3	38.0	57.0		
100	28.2	28.8	43.2		

Manual Integrations

APPROVED

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



#48

Ethyl methacrylate

Concen: 0.280 ug/l

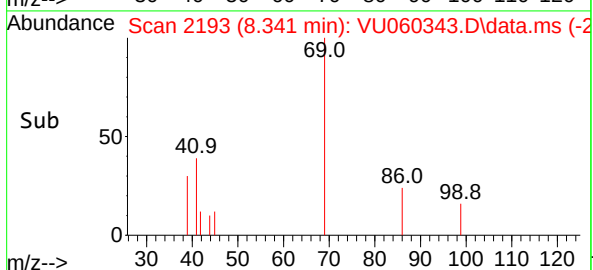
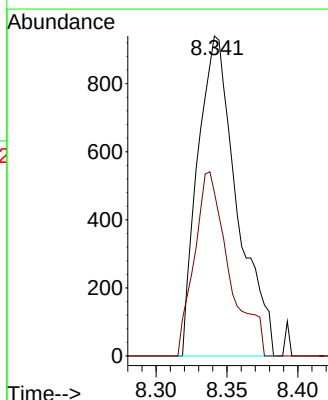
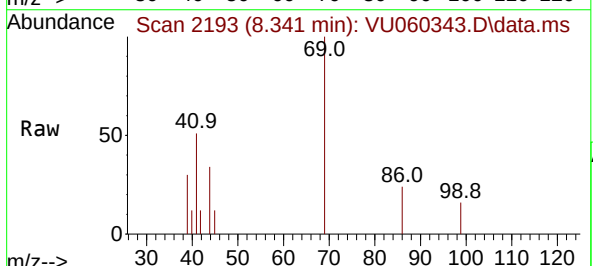
RT: 8.341 min Scan# 2193

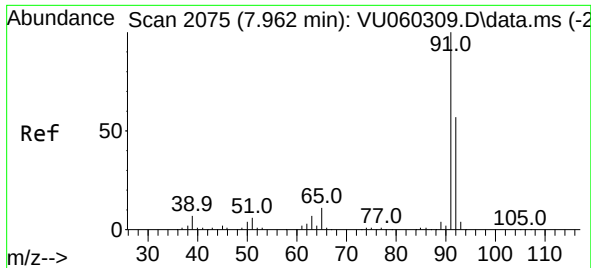
Delta R.T. 0.006 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

Tgt Ion:	69	Ratio	100	Lower	Upper
69	100				
41	51.1	27.5	82.5		





#49

Toluene

Concen: 0.351 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

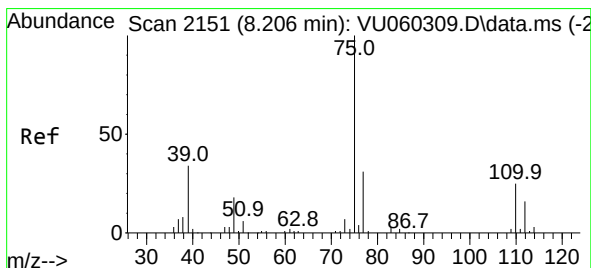
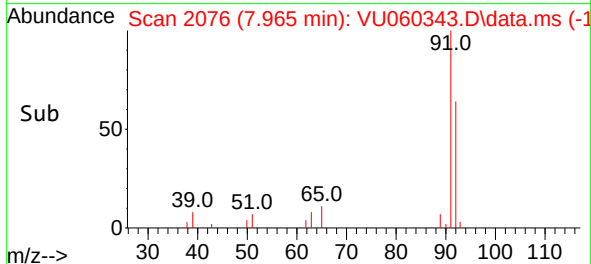
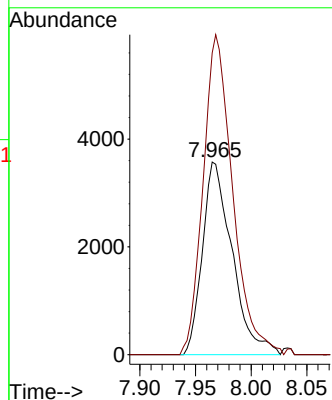
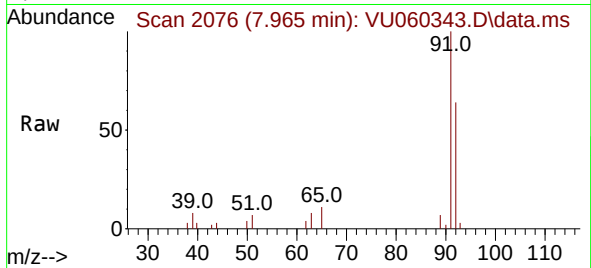
MDL-WATER-03-QT3-2024

Tgt Ion: 92 Resp: 6650
 Ion Ratio Lower Upper
 92 100
 91 165.0 141.0 211.4

Manual Integrations

APPROVED

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



#50

t-1,3-Dichloropropene

Concen: 0.359 ug/l

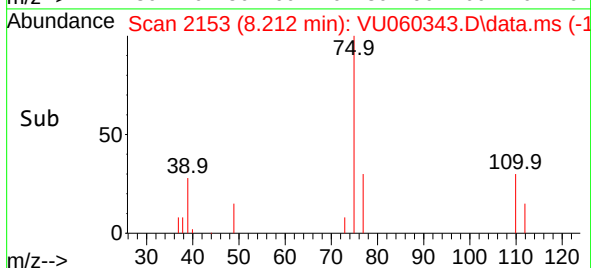
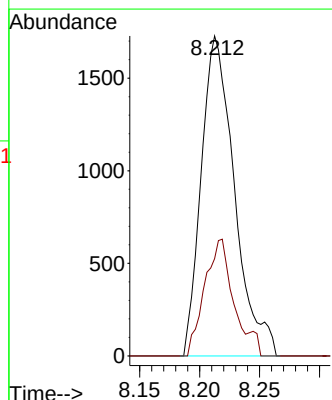
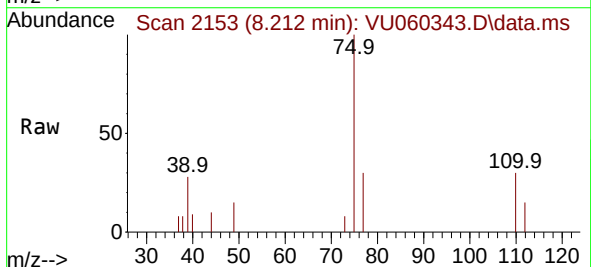
RT: 8.212 min Scan# 2153

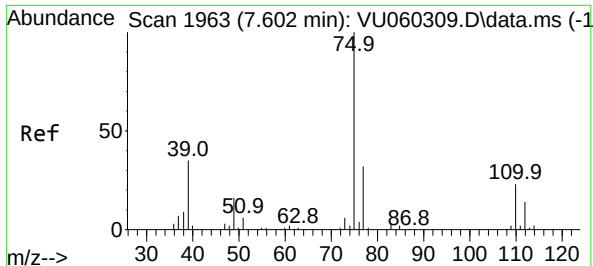
Delta R.T. 0.006 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

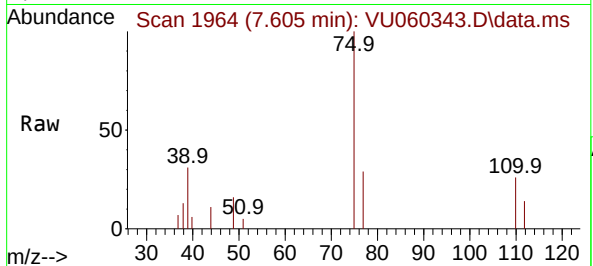
Tgt Ion: 75 Resp: 3328
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.6 37.0





#51
cis-1,3-Dichloropropene
Concen: 0.367 ug/l
RT: 7.605 min Scan# 1963
Delta R.T. 0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

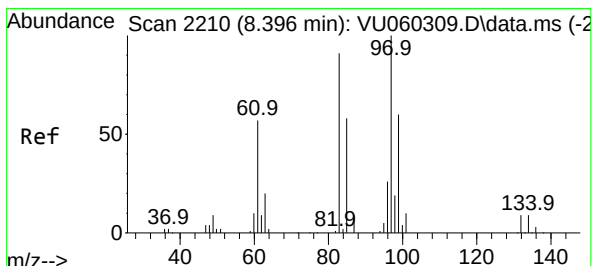
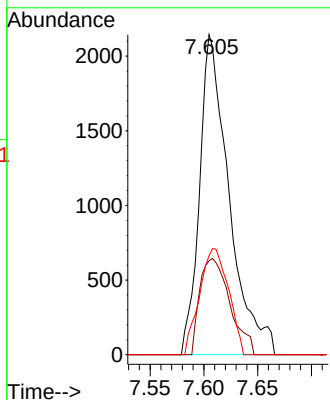
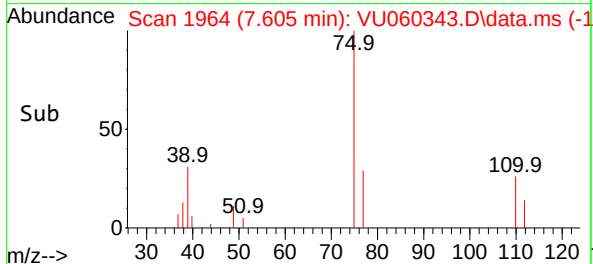
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 75 Resp: 4089
Ion Ratio Lower Upper
75 100
77 29.3 25.4 38.0
39 30.9 28.0 42.0

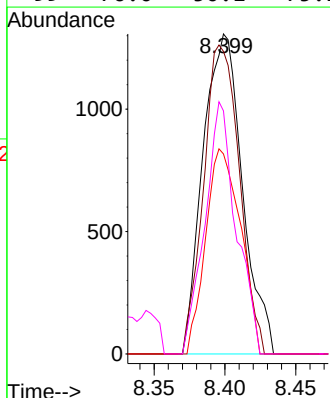
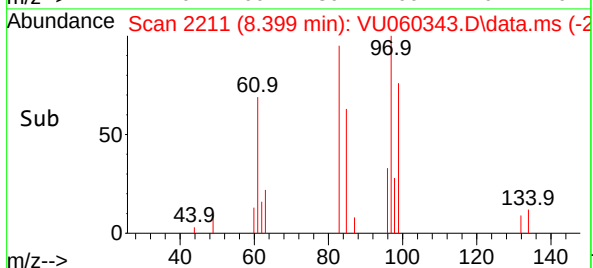
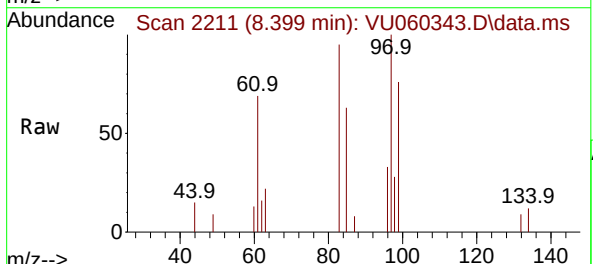
Manual Integrations
APPROVED

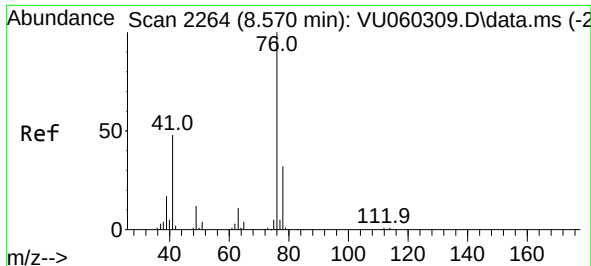
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#52
1,1,2-Trichloroethane
Concen: 0.368 ug/l
RT: 8.399 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

Tgt Ion: 97 Resp: 2525
Ion Ratio Lower Upper
97 100
83 94.6 73.0 109.4
85 62.5 46.2 69.4
99 76.0 50.1 75.1#





#53

1,3-Dichloropropane

Concen: 0.356 ug/l

RT: 8.576 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

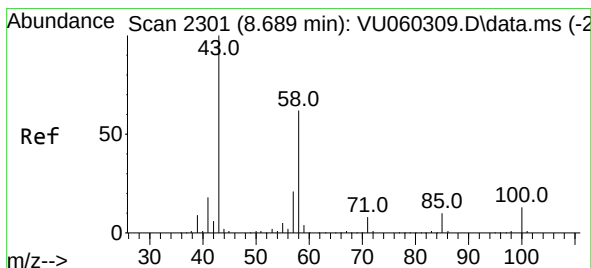
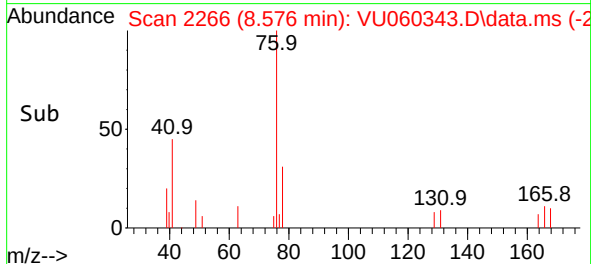
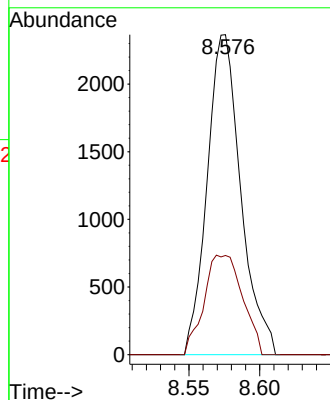
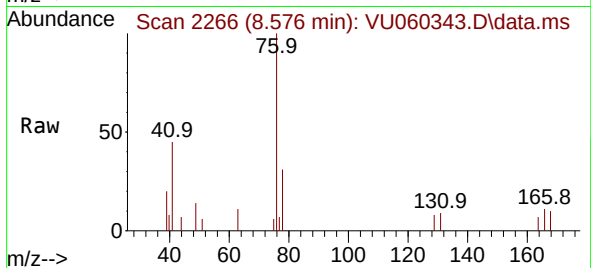
MDL-WATER-03-QT3-2024

Tgt Ion: 76 Resp: 390
 Ion Ratio Lower Upper
 76 100
 78 35.6 26.2 39.2

Manual Integrations

APPROVED

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



#54

2-Hexanone

Concen: 1.293 ug/l m

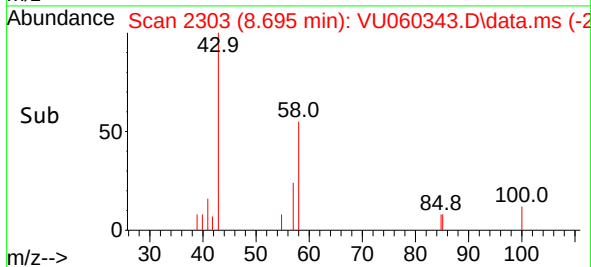
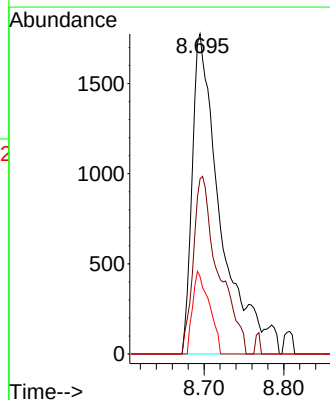
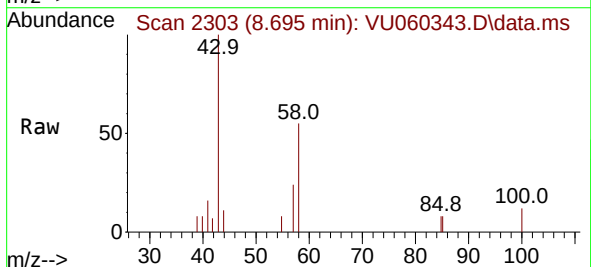
RT: 8.695 min Scan# 2303

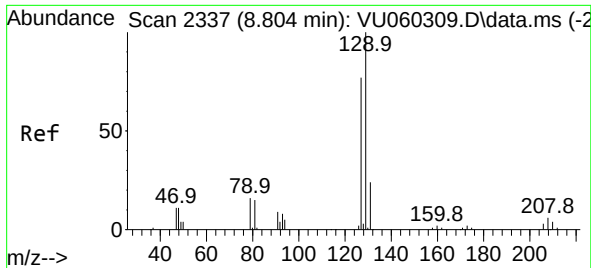
Delta R.T. 0.006 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

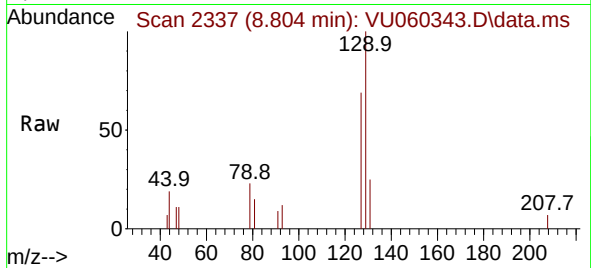
Tgt Ion: 43 Resp: 4399
 Ion Ratio Lower Upper
 43 100
 58 48.8 40.1 80.1
 57 15.0 0.3 40.3





#55
Dibromochloromethane
Concen: 0.395 ug/l
RT: 8.804 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

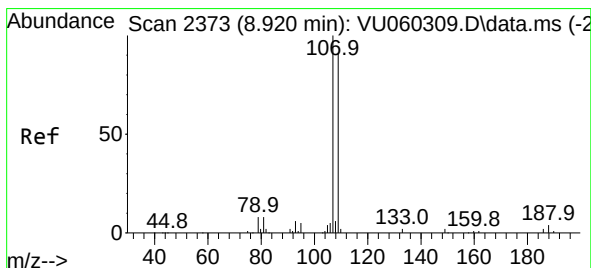
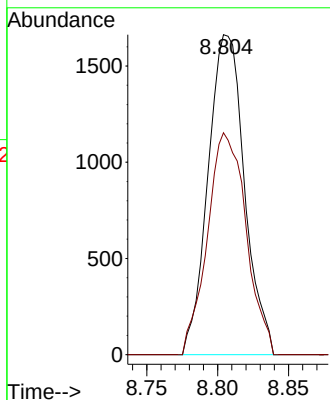
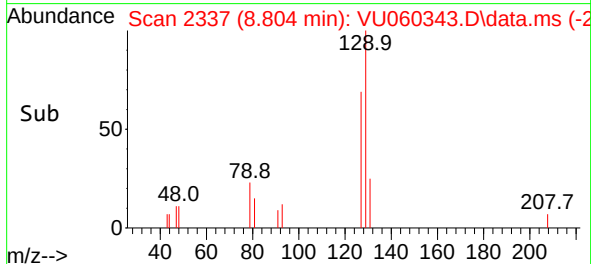
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:129 Resp: 297
Ion Ratio Lower Upper
129 100
127 73.6 61.6 92.4

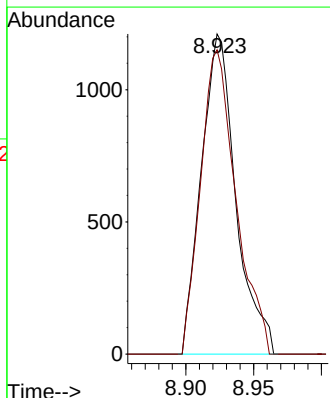
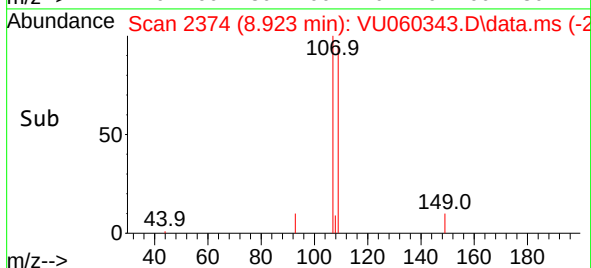
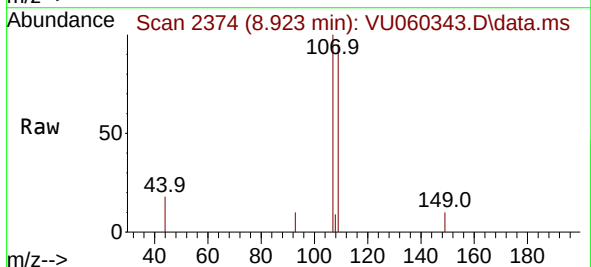
Manual Integrations
APPROVED

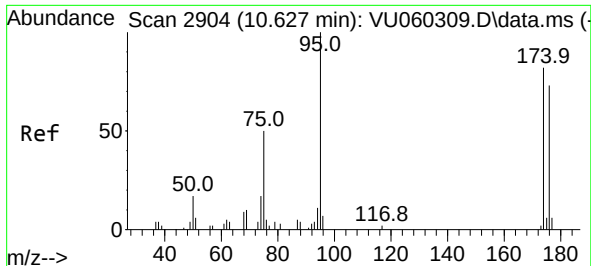
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#56
1,2-Dibromoethane
Concen: 0.348 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

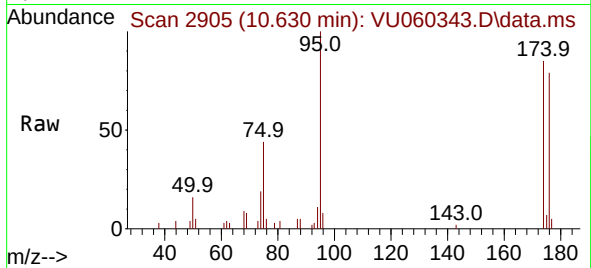
Tgt Ion:107 Resp: 2143
Ion Ratio Lower Upper
107 100
109 97.6 0.0 184.0





#57
4-Bromofluorobenzene
Concen: 0.925 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

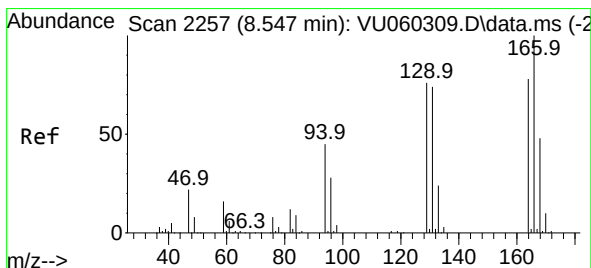
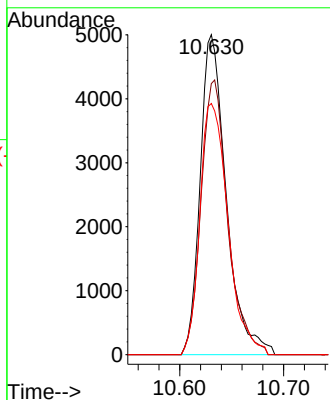
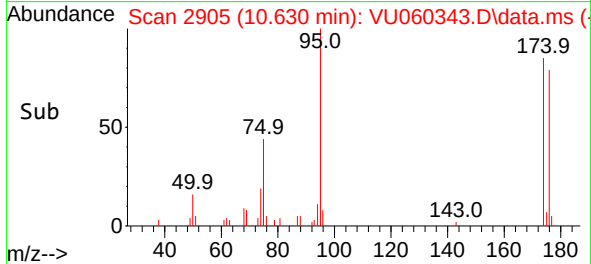
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 95 Resp: 8714
Ion Ratio Lower Upper
95 100
174 87.5 65.6 98.4
176 84.8 60.4 90.6

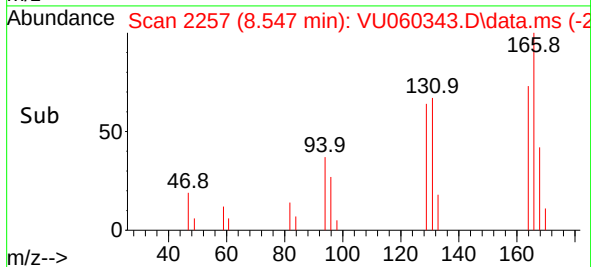
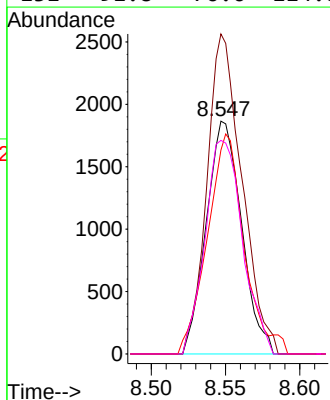
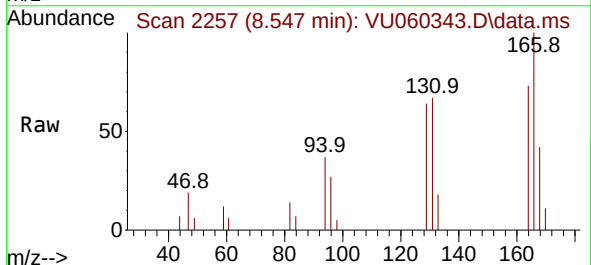
Manual Integrations
APPROVED

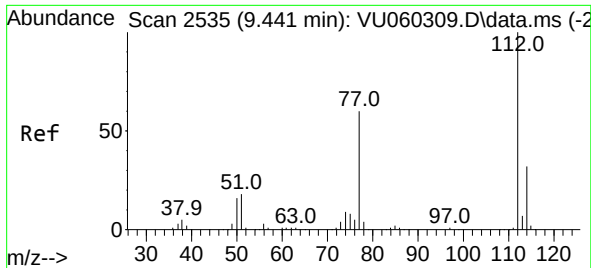
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#58
Tetrachloroethene
Concen: 0.408 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

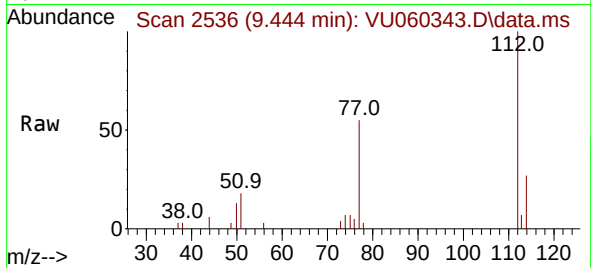
Tgt Ion:164 Resp: 3081
Ion Ratio Lower Upper
164 100
166 137.5 102.9 154.3
129 87.6 78.0 117.0
131 91.8 76.6 114.8





#59
Chlorobenzene
Concen: 0.400 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

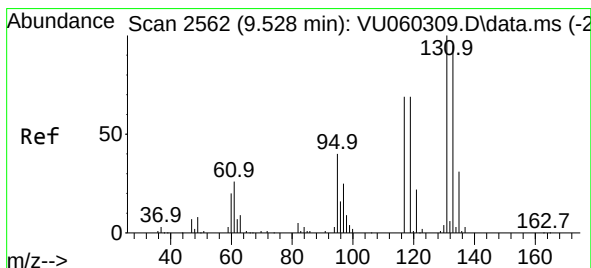
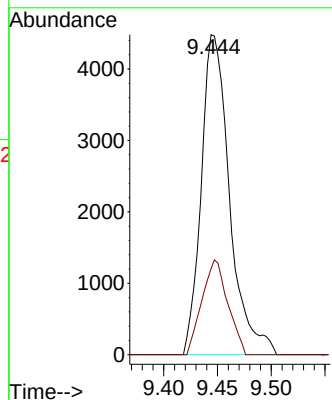
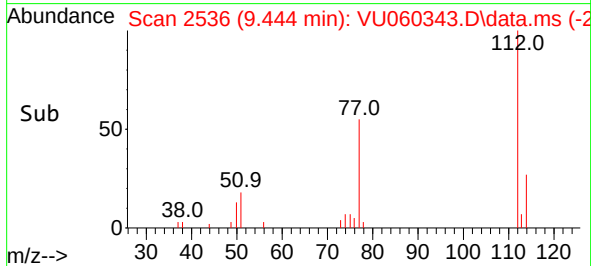
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:112 Resp: 821
Ion Ratio Lower Upper
112 100
114 26.9 25.3 37.9

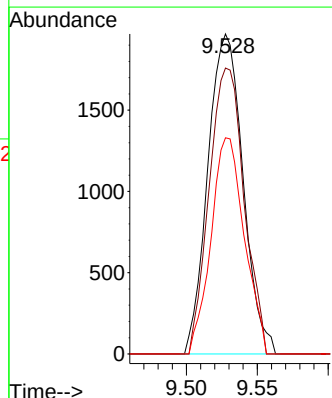
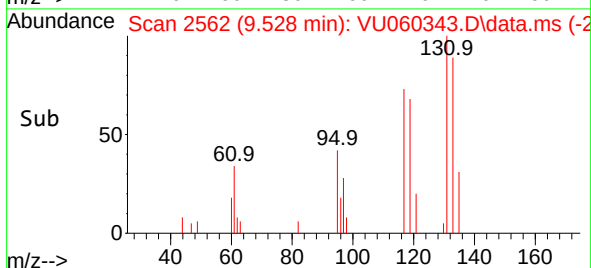
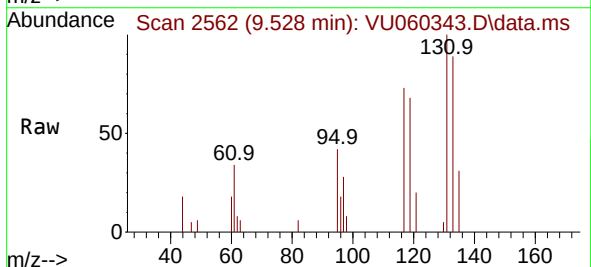
Manual Integrations
APPROVED

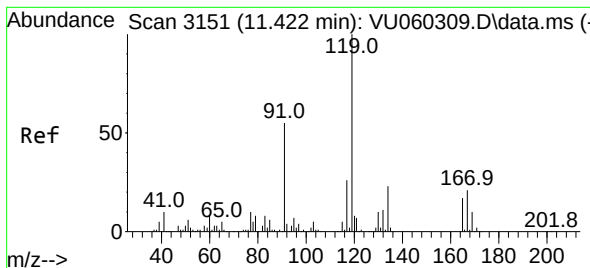
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.420 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

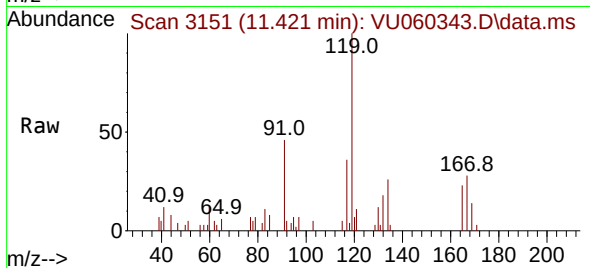
Tgt Ion:131 Resp: 3396
Ion Ratio Lower Upper
131 100
133 88.9 77.2 115.8
119 64.0 55.4 83.2





#61
Pentachloroethane
Concen: 0.356 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

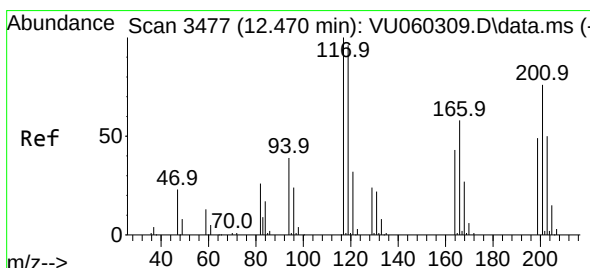
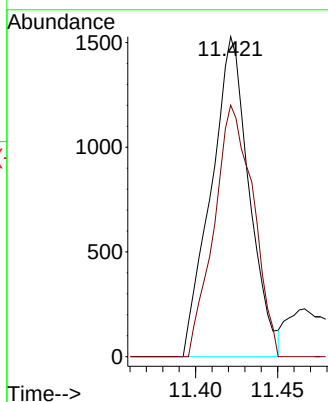
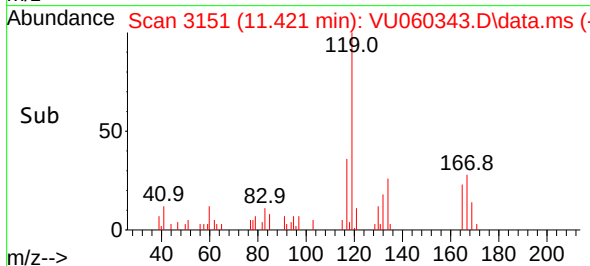
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



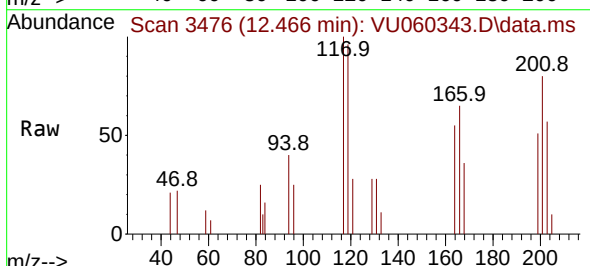
Tgt Ion:117 Resp: 246
Ion Ratio Lower Upper
117 100
167 80.8 62.2 93.4

Manual Integrations
APPROVED

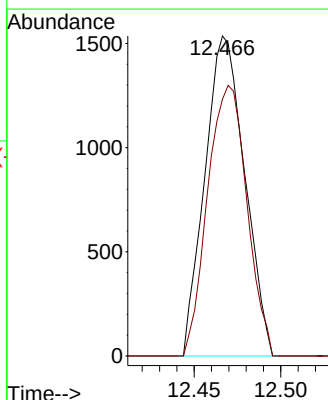
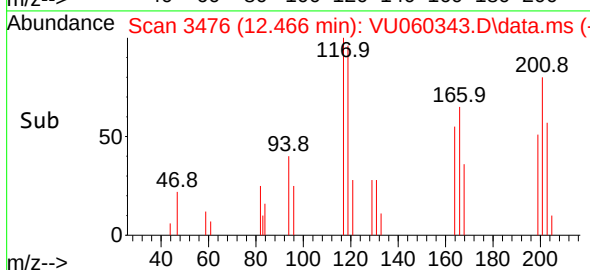
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

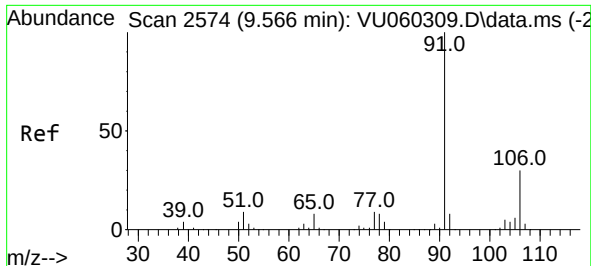


#62
Hexachloroethane
Concen: 0.367 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59



Tgt Ion:117 Resp: 2452
Ion Ratio Lower Upper
117 100
201 83.4 62.7 94.1





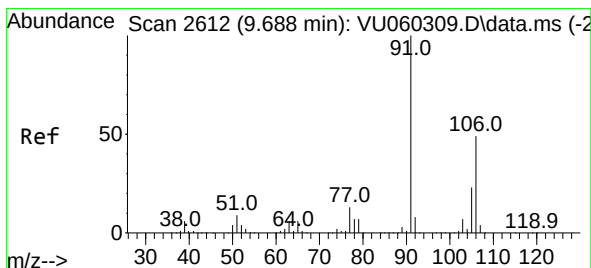
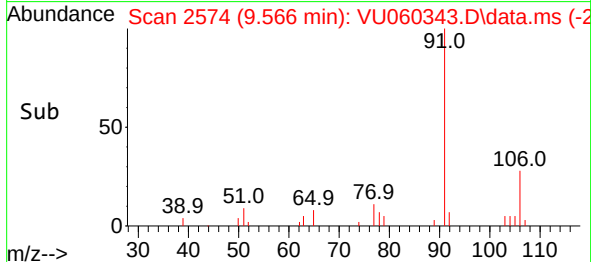
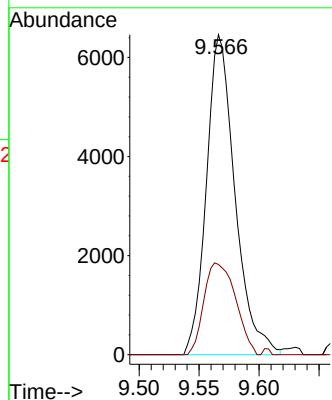
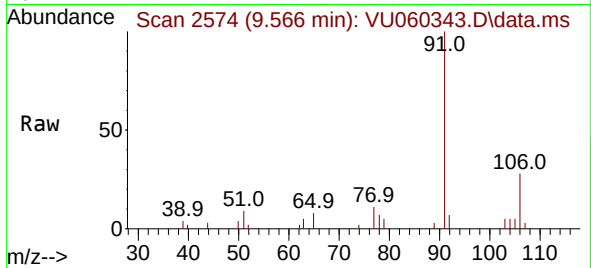
#63
Ethyl Benzene
Concen: 0.756 ug/l
RT: 9.566 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

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

Tgt Ion: 91 Resp: 10700
Ion Ratio Lower Upper
91 100
106 28.2 24.4 36.6

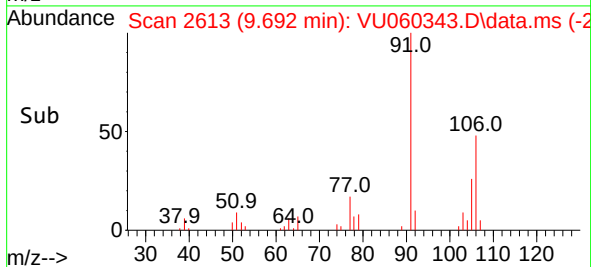
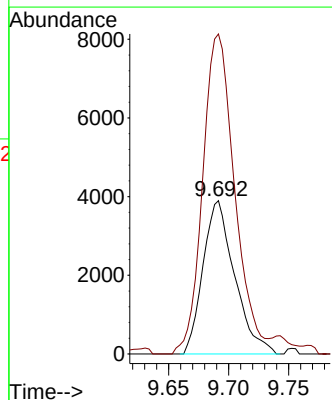
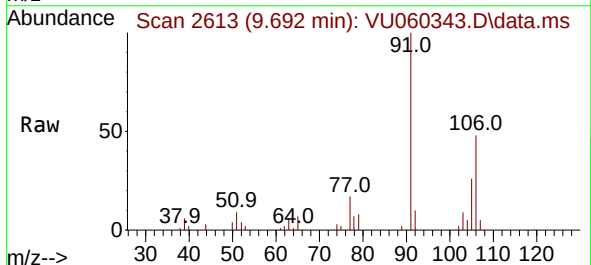
Manual Integrations
APPROVED

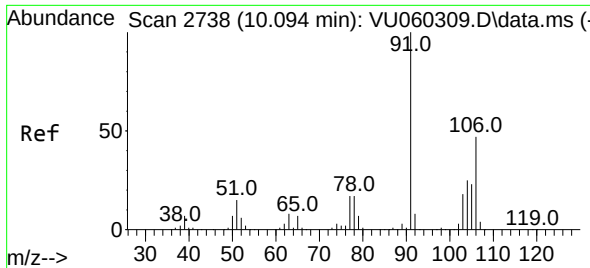
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#64
m/p-Xylenes
Concen: 1.328 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.004 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

Tgt Ion:106 Resp: 7138
Ion Ratio Lower Upper
106 100
91 211.3 165.0 247.4





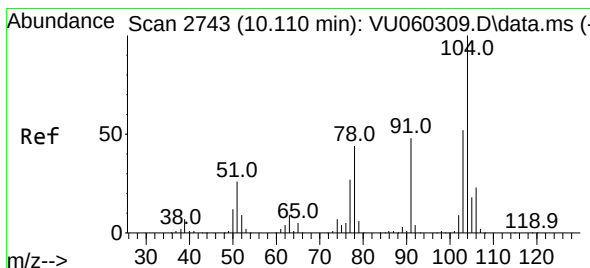
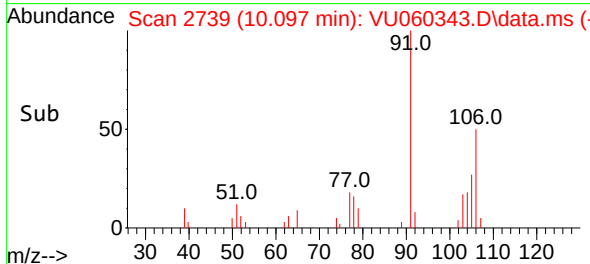
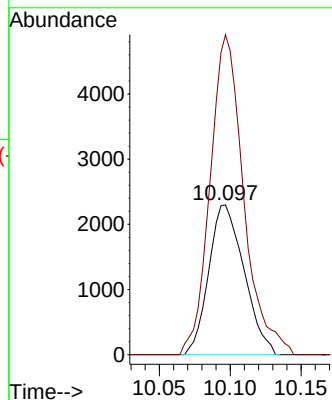
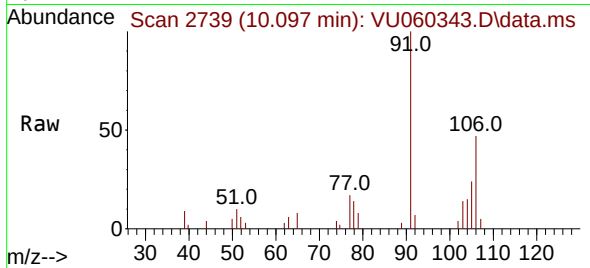
#65
o-Xylene
Concen: 0.697 ug/l
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

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

Tgt Ion:106 Resp: 3982
Ion Ratio Lower Upper
106 100
91 203.2 108.8 326.4

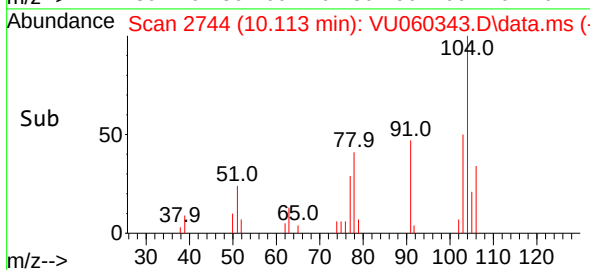
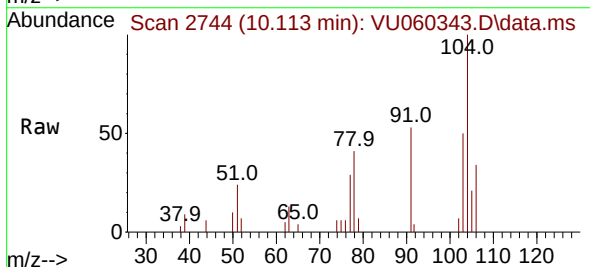
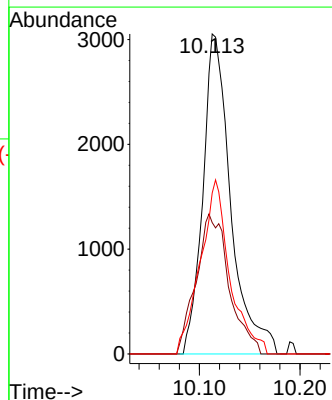
Manual Integrations
APPROVED

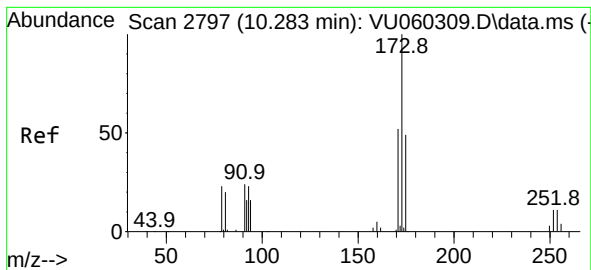
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#66
Styrene
Concen: 0.689 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

Tgt Ion:104 Resp: 5895
Ion Ratio Lower Upper
104 100
78 51.6 39.0 58.6
103 57.4 45.0 67.6





#67

Bromoform

Concen: 0.388 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

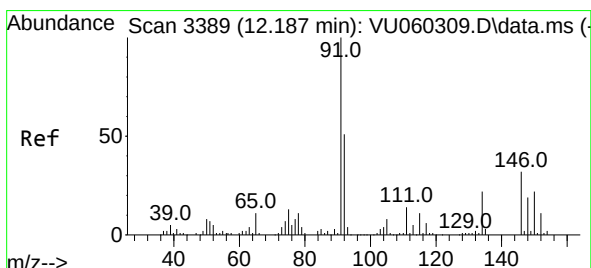
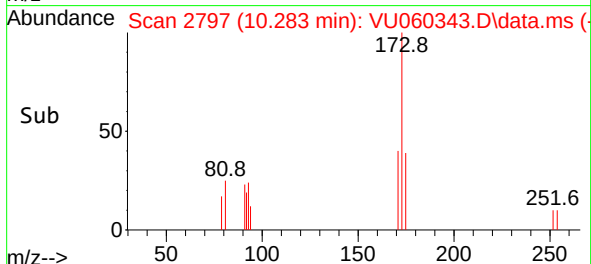
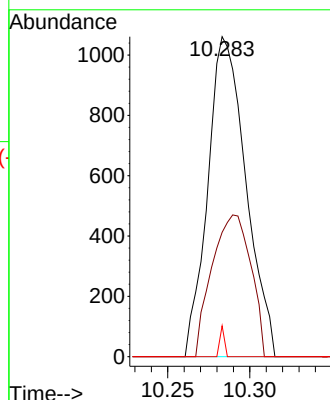
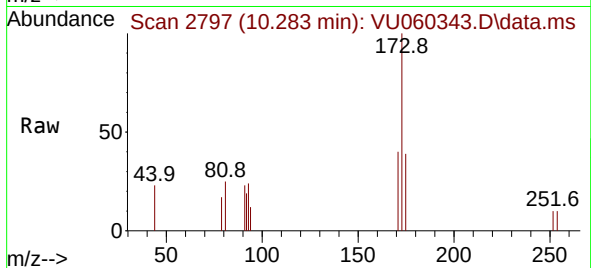
MDL-WATER-03-QT3-2024

Tgt Ion:	173	Resp:	171
Ion Ratio	Lower	Upper	
173	100		
175	45.1	39.7	59.5
254	1.2	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: 0.968 ug/l

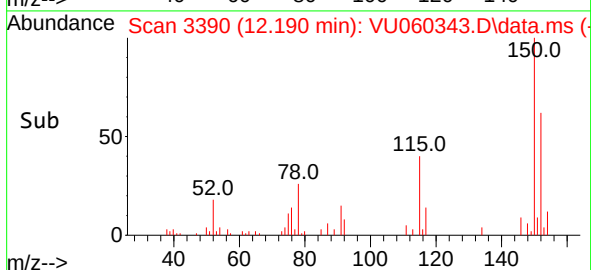
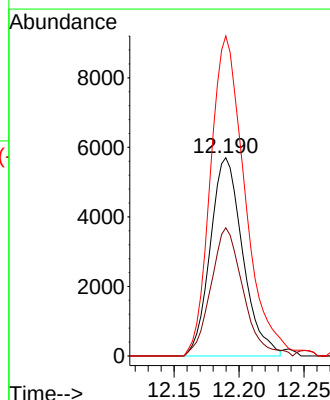
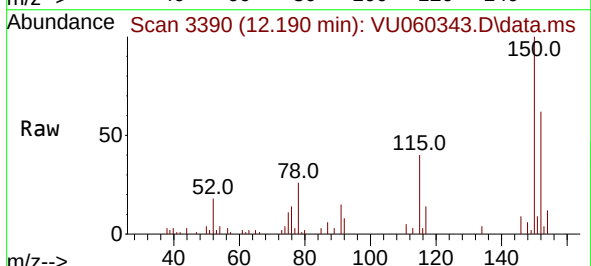
RT: 12.190 min Scan# 3390

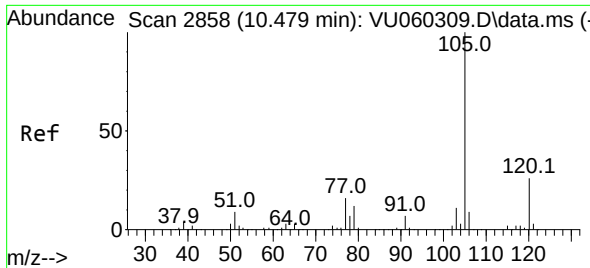
Delta R.T. 0.003 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

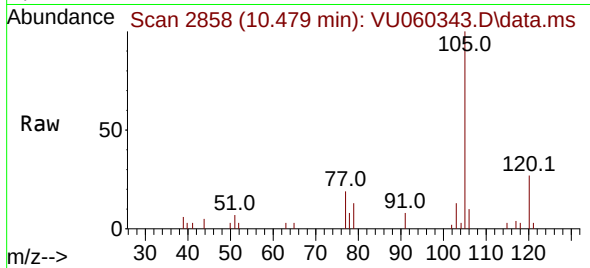
Tgt Ion:	152	Resp:	9902
Ion Ratio	Lower	Upper	
152	100		
115	64.2	0.0	325.2
150	172.7	0.0	684.2





#69
Isopropylbenzene
Concen: 0.718 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

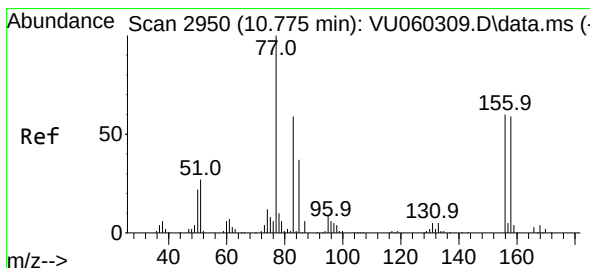
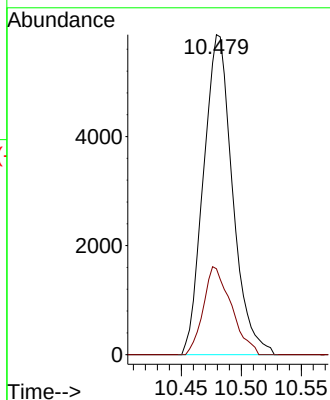
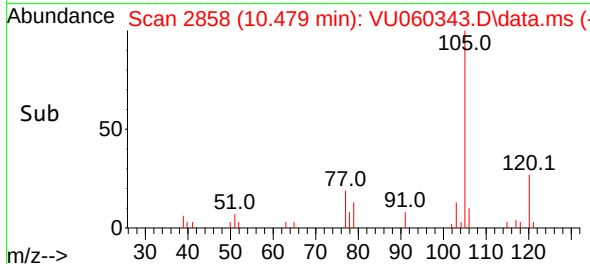
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



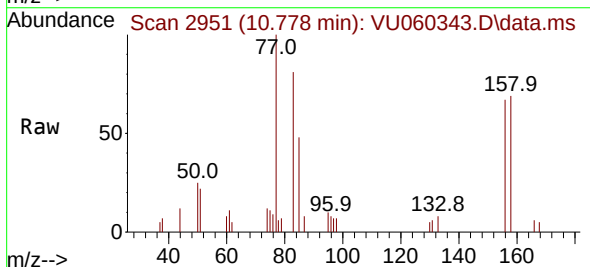
Tgt Ion:105 Resp: 987
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0

Manual Integrations
APPROVED

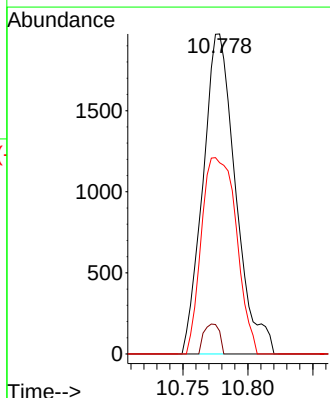
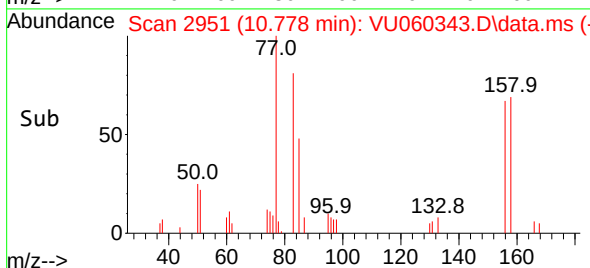
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

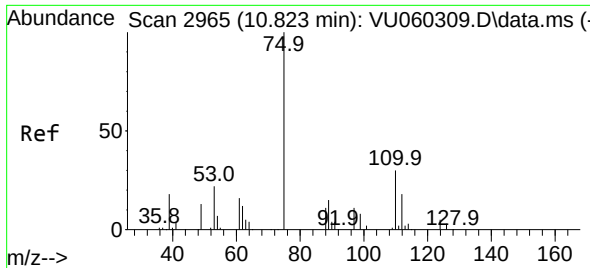


#70
1,1,2,2-Tetrachloroethane
Concen: 0.376 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59



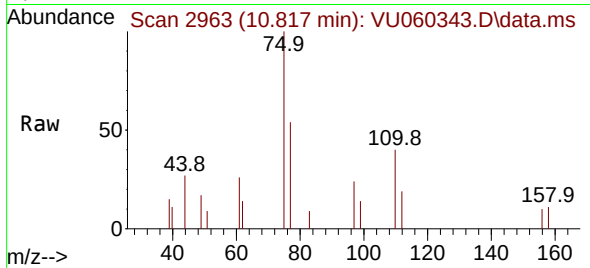
Tgt Ion: 83 Resp: 3439
Ion Ratio Lower Upper
83 100
131 4.5 7.1 10.7#
85 65.7 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 0.398 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.007 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

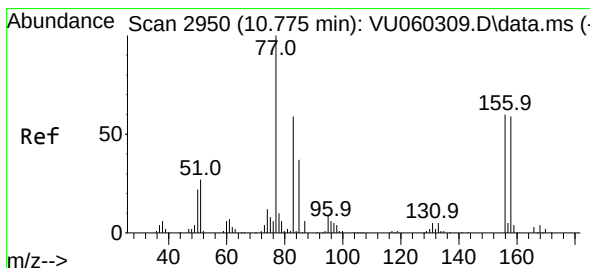
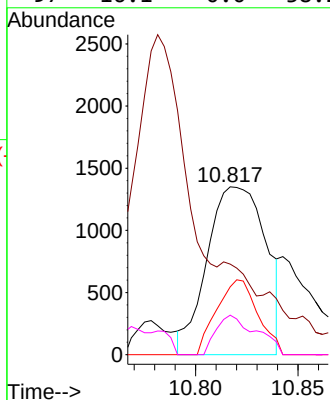
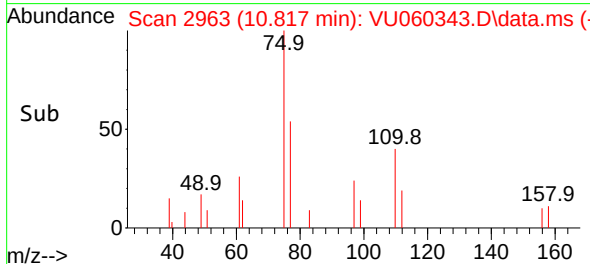
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



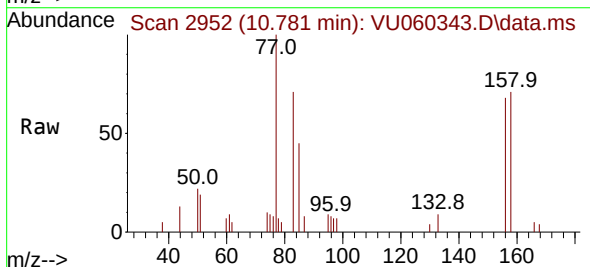
Tgt Ion: 75 Resp: 2690
Ion Ratio Lower Upper
75 100
77 0.0 0.0 102.2
110 31.4 0.0 67.4
97 16.1 0.0 38.2

Manual Integrations
APPROVED

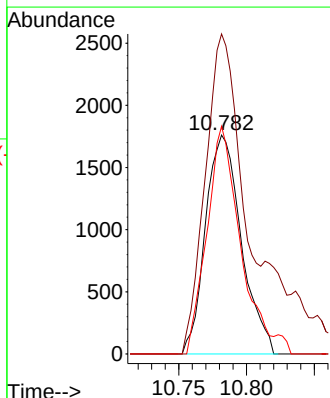
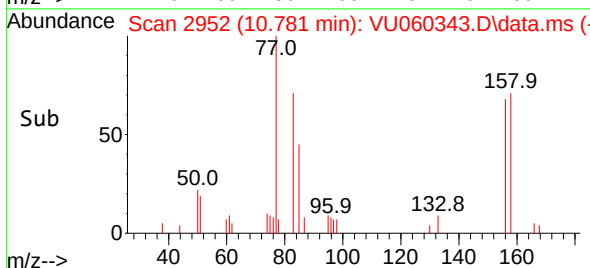
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

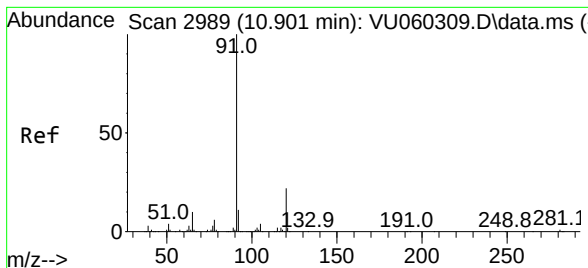


#72
Bromobenzene
Concen: 0.384 ug/l
RT: 10.781 min Scan# 2952
Delta R.T. 0.006 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59



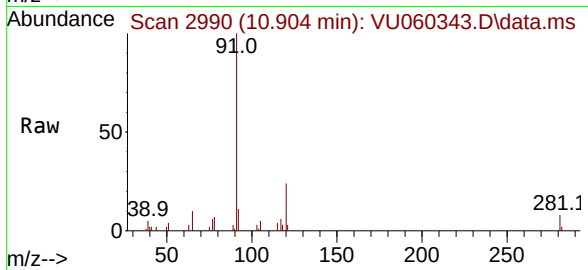
Tgt Ion:156 Resp: 3233
Ion Ratio Lower Upper
156 100
77 148.2 0.0 327.2
158 98.7 0.0 193.8





#73
n-propylbenzene
Concen: 0.753 ug/l
RT: 10.904 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

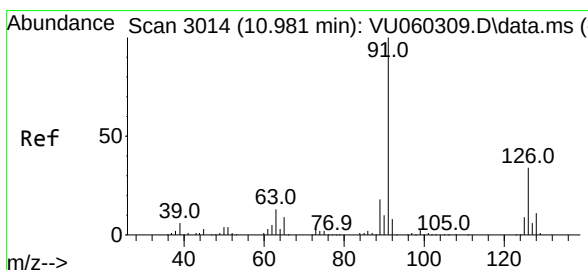
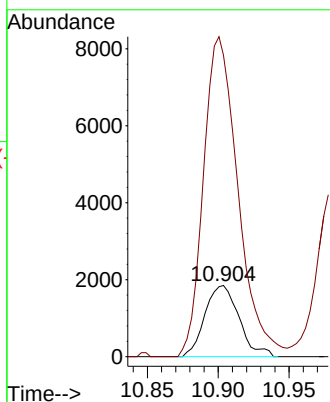
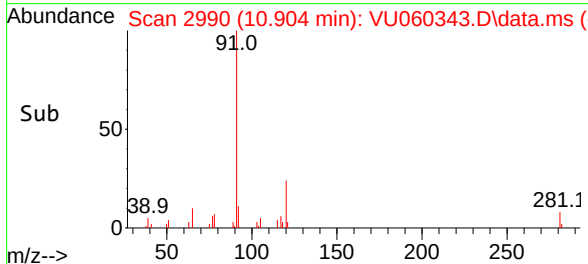
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:120 Resp: 309
Ion Ratio Lower Upper
120 100
91 456.4 362.2 543.2

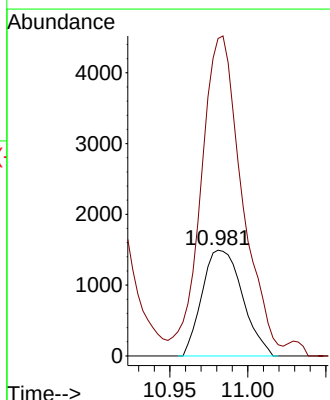
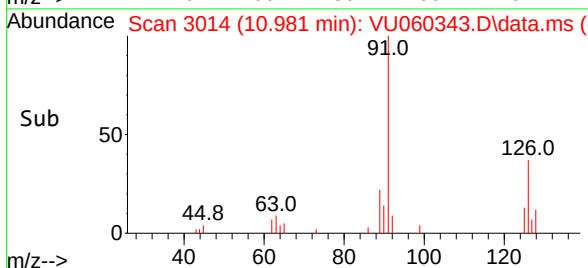
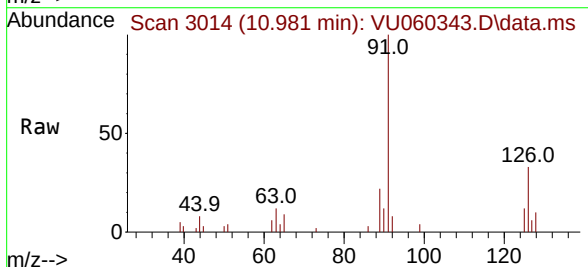
Manual Integrations
APPROVED

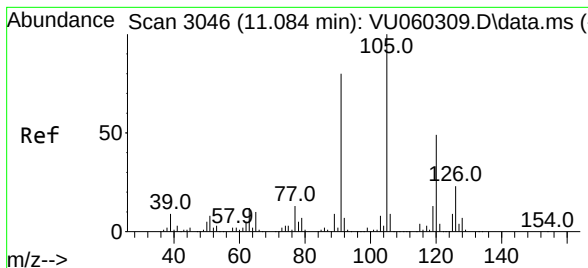
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#74
2-Chlorotoluene
Concen: 0.581 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

Tgt Ion:126 Resp: 2692
Ion Ratio Lower Upper
126 100
91 289.7 0.0 585.6





#75

1,3,5-Trimethylbenzene

Concen: 0.673 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:105 Resp: 782

Ion Ratio Lower Upper

105 100

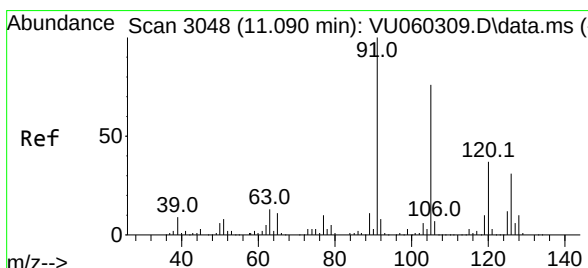
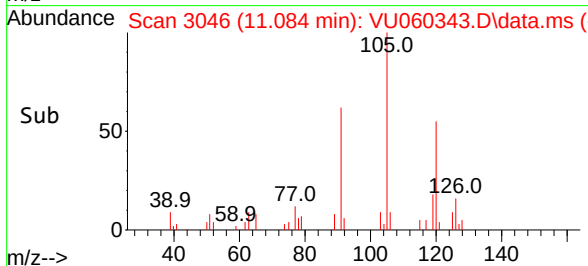
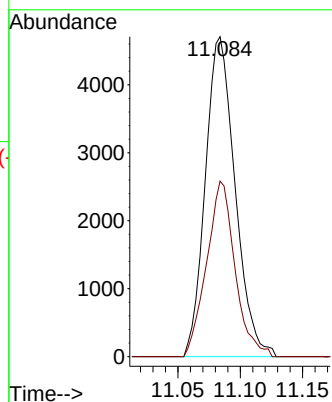
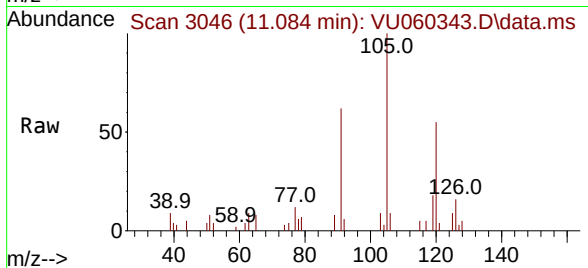
120 52.3 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024

Supervised By :Semsettin Yesilyurt 08/12/2024



#76

4-Chlorotoluene

Concen: 0.599 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.007 min

Lab File: VU060343.D

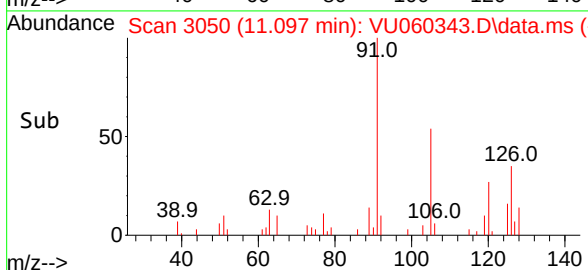
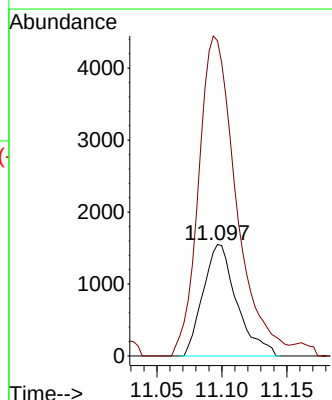
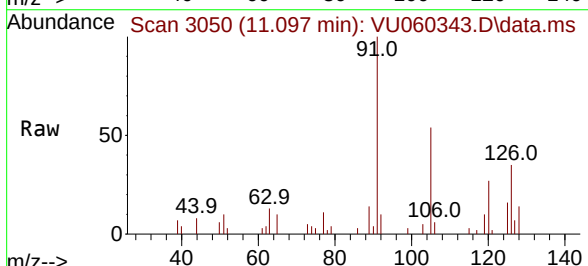
Acq: 07 Aug 2024 17:59

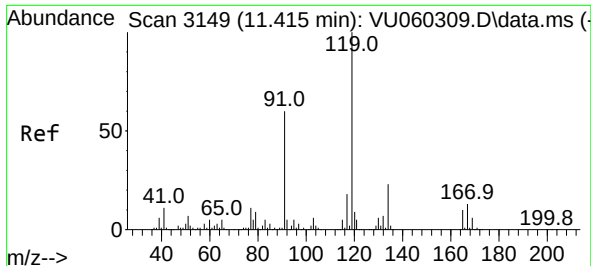
Tgt Ion:126 Resp: 2795

Ion Ratio Lower Upper

126 100

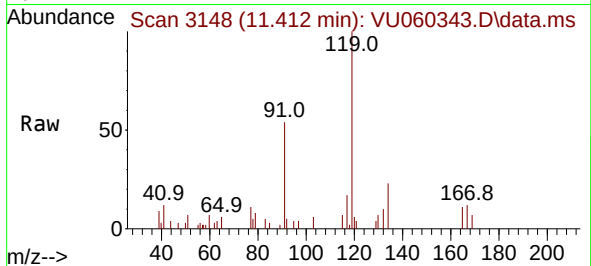
91 320.0 0.0 669.4





#77
tert-Butylbenzene
Concen: 0.711 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

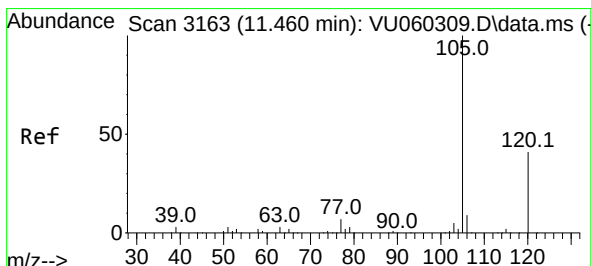
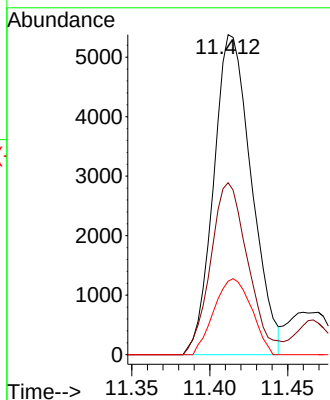
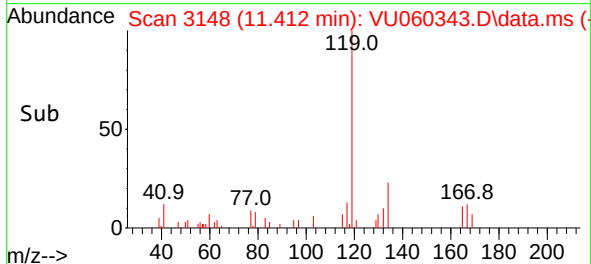
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:119 Resp: 908
Ion Ratio Lower Upper
119 100
91 53.1 29.0 87.1
134 23.5 17.8 26.8

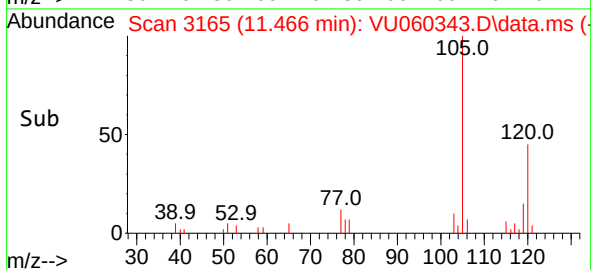
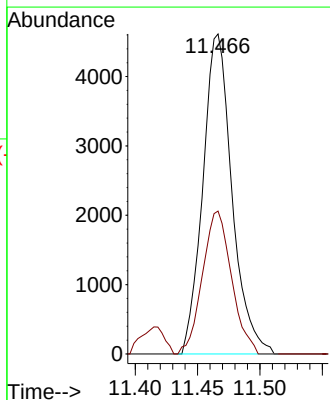
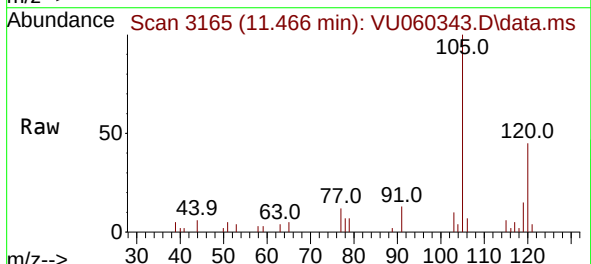
Manual Integrations
APPROVED

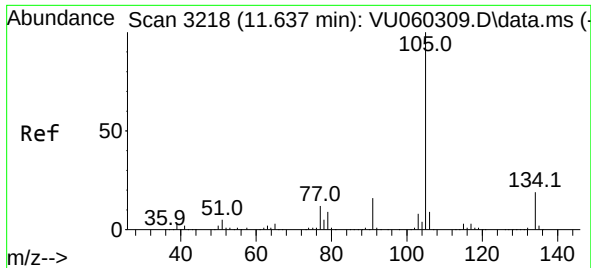
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#78
1,2,4-Trimethylbenzene
Concen: 0.695 ug/l
RT: 11.466 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

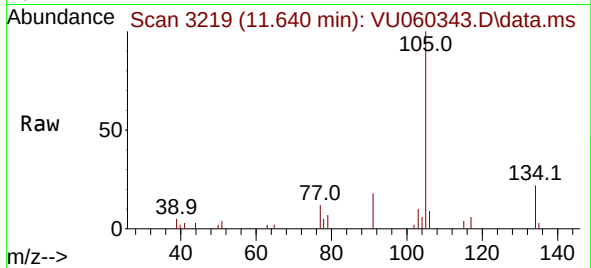
Tgt Ion:105 Resp: 7509
Ion Ratio Lower Upper
105 100
120 44.5 22.6 67.7





#79
 sec-Butylbenzene
 Concen: 0.679 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.003 min
 Lab File: VU060343.D
 Acq: 07 Aug 2024 17:59

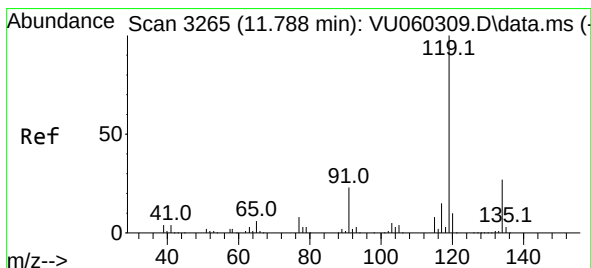
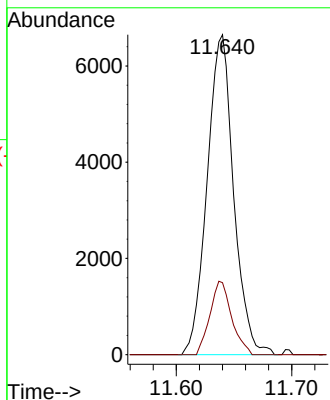
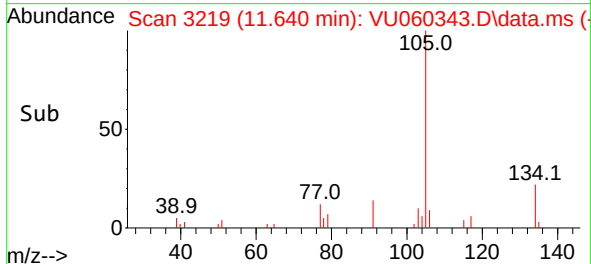
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2024



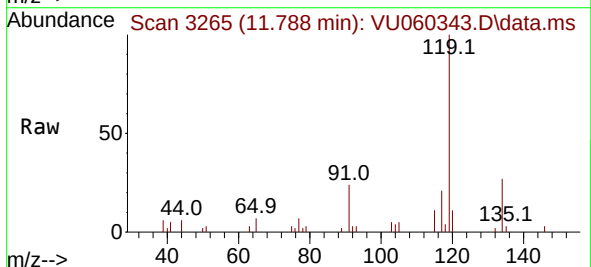
Tgt Ion:105 Resp: 10600
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.5 23.3

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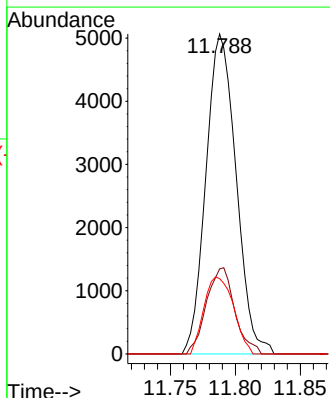
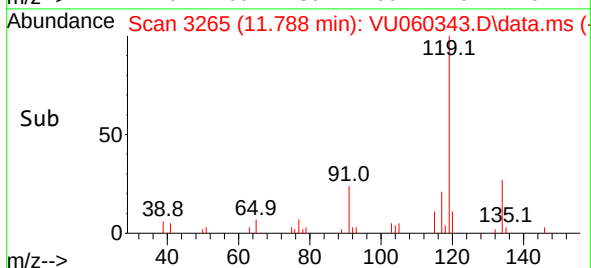
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

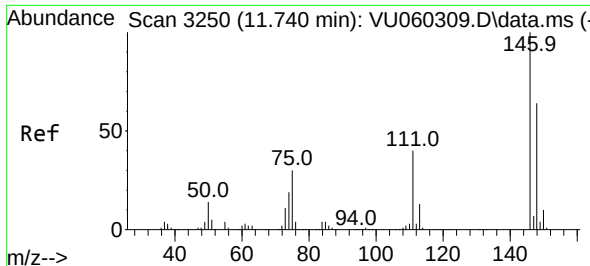


#81
 p-Isopropyltoluene
 Concen: 0.728 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. -0.000 min
 Lab File: VU060343.D
 Acq: 07 Aug 2024 17:59



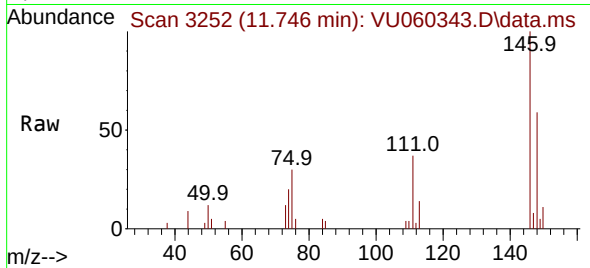
Tgt Ion:119 Resp: 8170
 Ion Ratio Lower Upper
 119 100
 134 25.3 21.2 31.8
 91 23.6 18.9 28.3





#82
1,3-Dichlorobenzene
Concen: 0.378 ug/l
RT: 11.746 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

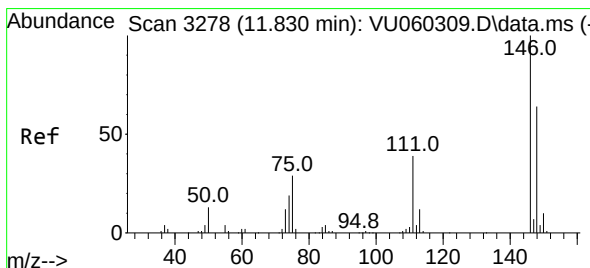
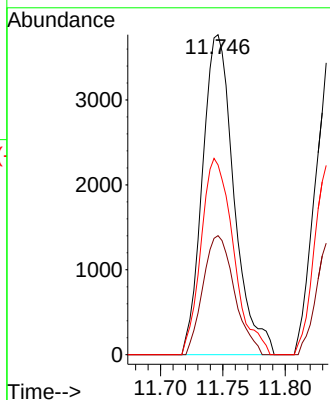
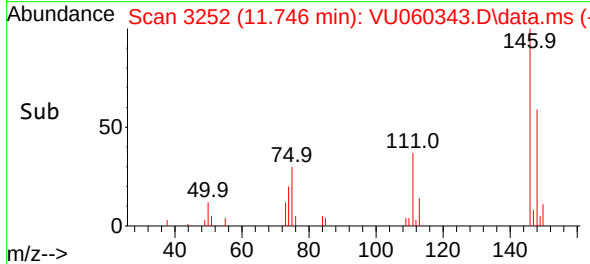
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024



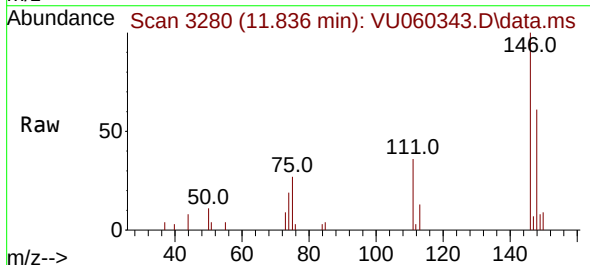
Tgt Ion:146 Resp: 663
Ion Ratio Lower Upper
146 100
111 37.1 32.0 48.0
148 63.0 51.4 77.0

Manual Integrations
APPROVED

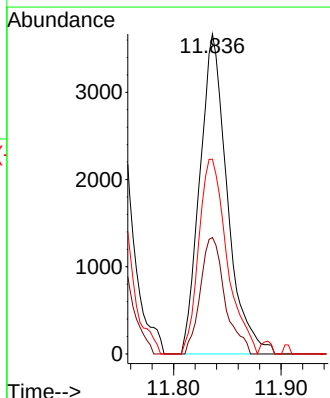
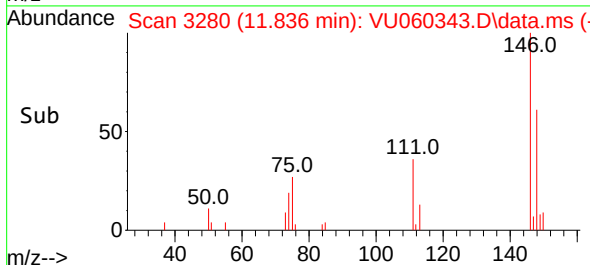
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

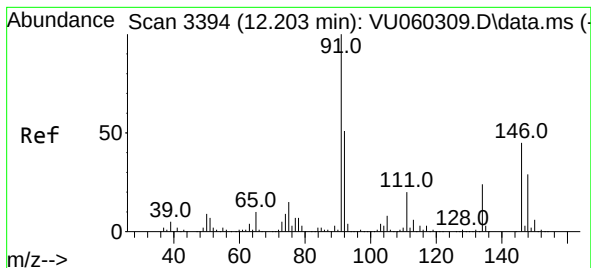


#83
1,4-Dichlorobenzene
Concen: 0.373 ug/l
RT: 11.836 min Scan# 3280
Delta R.T. 0.006 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59



Tgt Ion:146 Resp: 6504
Ion Ratio Lower Upper
146 100
111 32.7 30.9 46.3
148 62.5 51.8 77.6





#84

n-Butylbenzene

Concen: 0.729 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

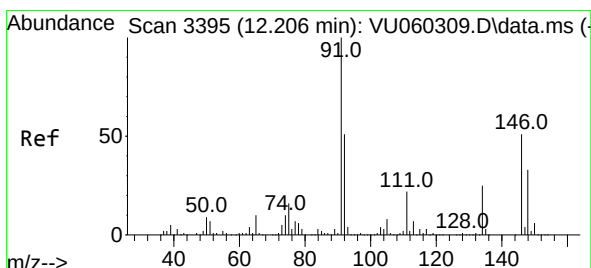
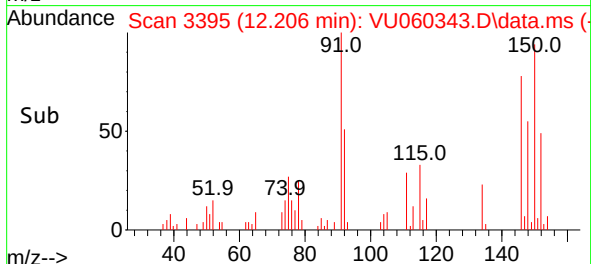
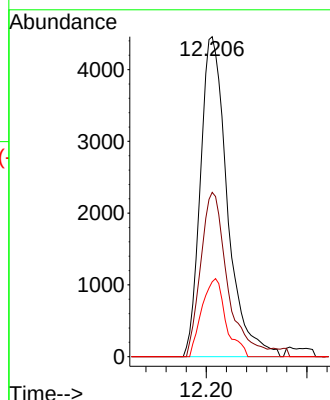
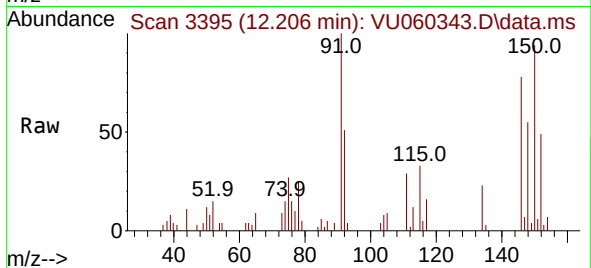
MDL-WATER-03-QT3-2024

Tgt Ion: 91	Resp: 8279
Ion Ratio	Lower Upper
91	100
92	51.0 41.0 61.6
134	21.7 19.4 29.2

Manual Integrations

APPROVED

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



#85

1,2-Dichlorobenzene

Concen: 0.374 ug/l

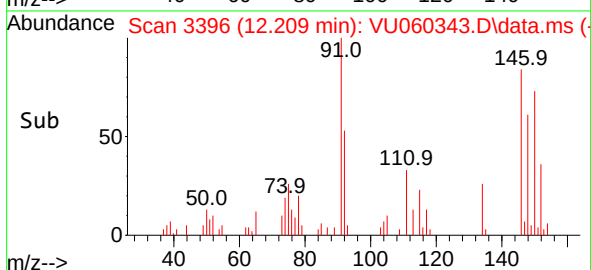
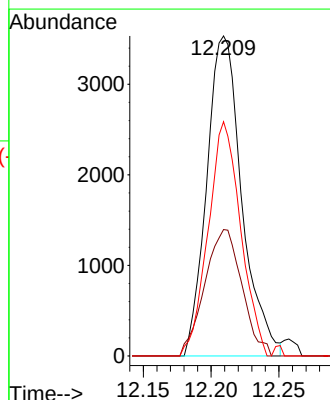
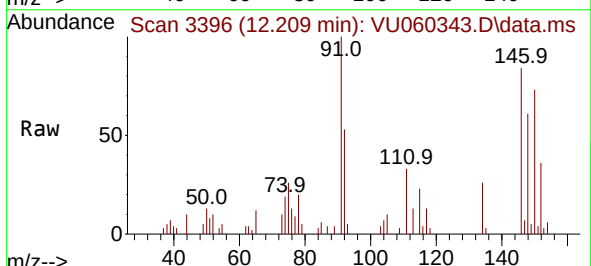
RT: 12.209 min Scan# 3396

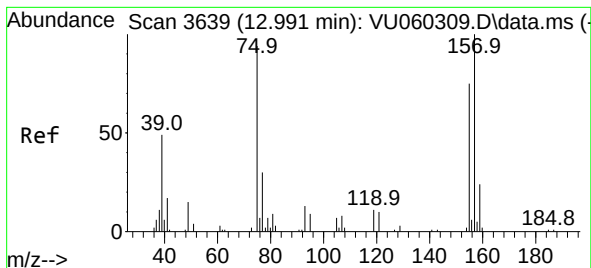
Delta R.T. 0.003 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

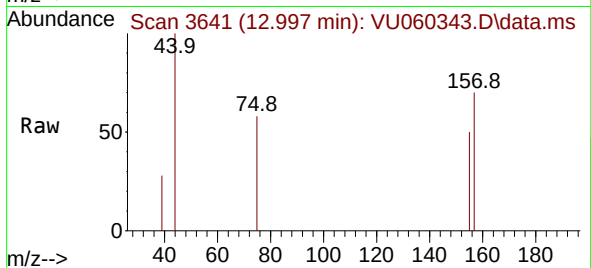
Tgt Ion:146	Resp: 6365
Ion Ratio	Lower Upper
146	100
111	41.8 21.3 63.7
148	67.7 32.0 96.0





#86
1,2-Dibromo-3-Chloropropane
Concen: 0.201 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.006 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59

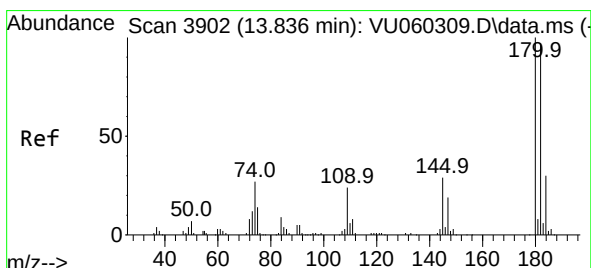
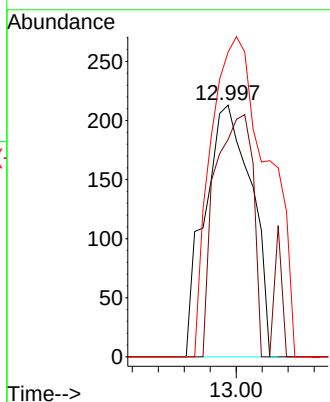
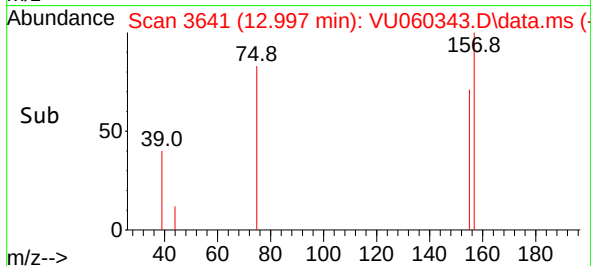
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2024



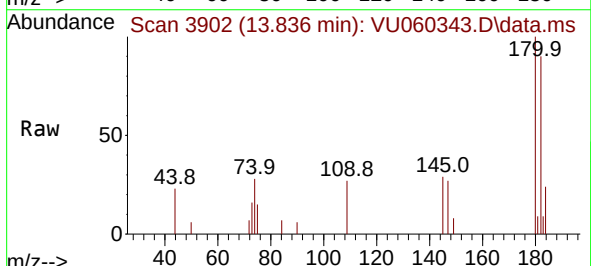
Tgt Ion: 75 Resp: 260
Ion Ratio Lower Upper
75 100
155 77.8 66.1 99.1
157 155.3 85.0 127.4

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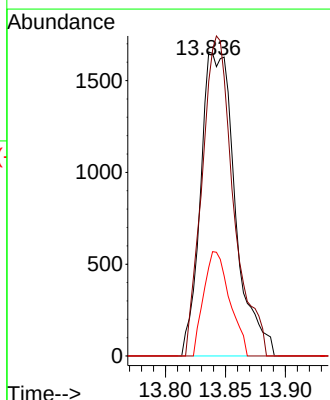
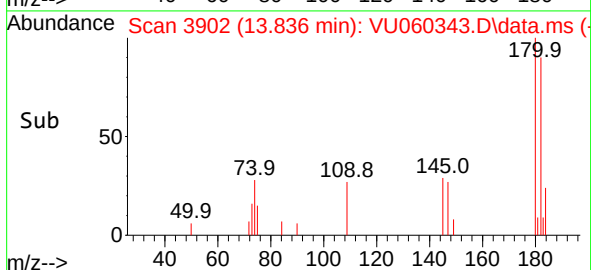
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

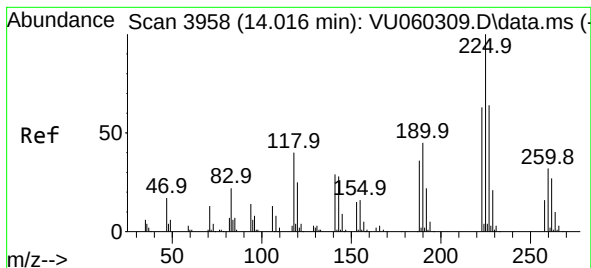


#87
1,2,4-Trichlorobenzene
Concen: 0.341 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU060343.D
Acq: 07 Aug 2024 17:59



Tgt Ion:180 Resp: 3312
Ion Ratio Lower Upper
180 100
182 95.7 76.8 115.2
145 25.8 23.4 35.0





#88

Hexachlorobutadiene

Concen: 0.424 ug/l

RT: 14.013 min Scan# 3958

Delta R.T. -0.003 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

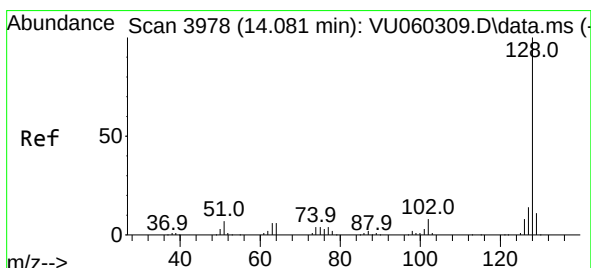
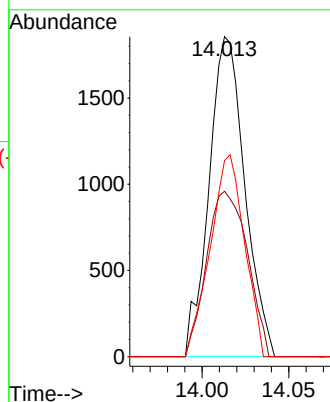
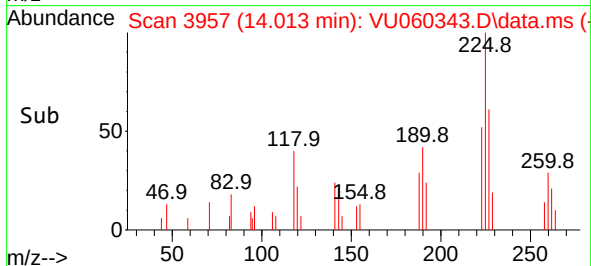
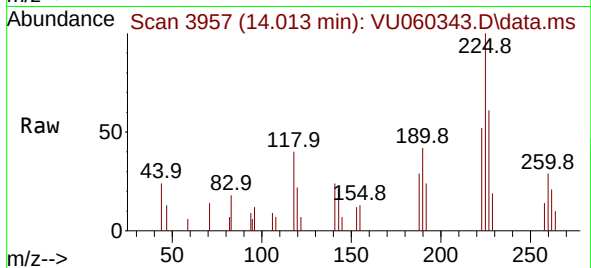
MDL-WATER-03-QT3-2024

Tgt Ion:	225	Resp:	266
Ion Ratio	Lower	Upper	
225	100		
223	59.0	50.8	76.2
227	60.4	50.8	76.2

Manual Integrations

APPROVED

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



#89

Naphthalene

Concen: 0.241 ug/l

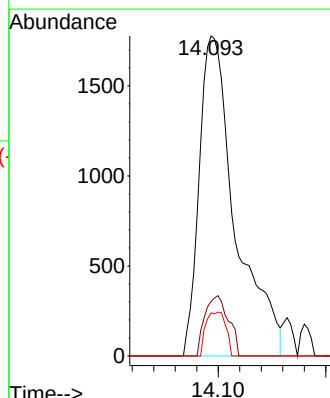
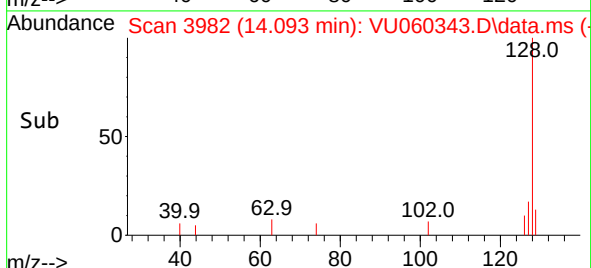
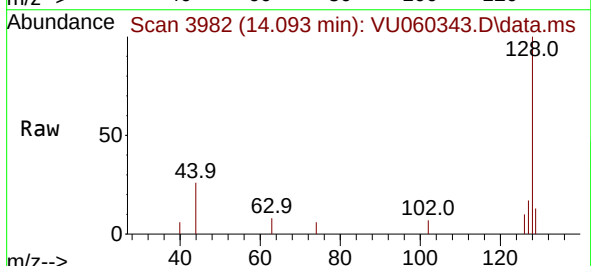
RT: 14.093 min Scan# 3982

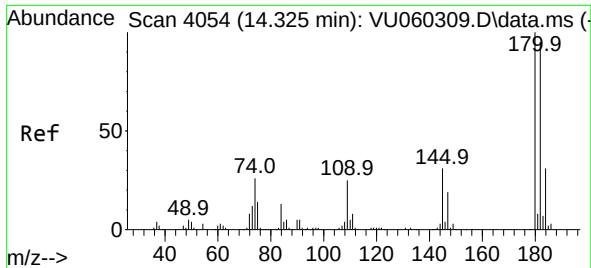
Delta R.T. 0.012 min

Lab File: VU060343.D

Acq: 07 Aug 2024 17:59

Tgt Ion:	128	Resp:	4147
Ion Ratio	Lower	Upper	
128	100		
127	12.3	11.0	16.4
129	7.5	8.6	12.8





#90

1,2,3-Trichlorobenzene

Concen: 0.326 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU060343.D

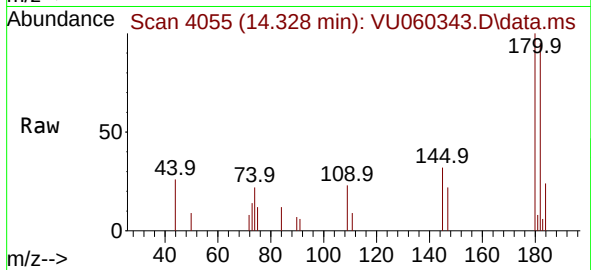
Acq: 07 Aug 2024 17:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:	180	Resp:	309
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.1	114.1
145	33.4	25.0	37.6

Manual Integrations

APPROVED

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

