

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
 Data File : VU063243.D
 Acq On : 11 Feb 2025 18:15
 Operator : MD/SY
 Sample : Q1168-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Quant Time: Feb 12 04:11:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Feb 12 04:10:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

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

Internal Standards						
1) Fluorobenzene	6.106	96	50314	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14381	0.867	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	15582	0.903	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	5801	0.355	ug/l	93
3) Chloromethane	1.518	50	7536	0.400	ug/l	98
4) Vinyl Chloride	1.599	62	6902	0.371	ug/l	97
5) Bromomethane	1.846	94	3814	0.419	ug/l	98
6) Chloroethane	1.923	64	4380	0.373	ug/l	96
7) Trichlorofluoromethane	2.129	101	7582	0.344	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	4581	0.366	ug/l	94
9) 1,1-Dichloroethene	2.570	96	4478	0.351	ug/l	94
10) Iodomethane	2.711	142	6802	0.339	ug/l	99
11) Allyl Chloride	2.914	41	6218	0.339	ug/l	98
12) Acrylonitrile	3.332	53	1901m	0.646	ug/l	
13) Acetone	2.618	43	4016	1.774	ug/l	88
14) Carbon Disulfide	2.785	76	16405	0.368	ug/l	98
15) Methylene Chloride	3.036	84	6327	0.401	ug/l	92
16) trans-1,2-Dichloroethene	3.348	96	5011	0.344	ug/l	97
17) 1,1-Dichloroethane	3.865	63	9948	0.362	ug/l	97
18) 2-Butanone	4.746	43	5877m	1.631	ug/l	
19) Cyclohexane	5.373	56	6907m	0.313	ug/l	
20) Methylcyclohexane	6.753	83	7092	0.324	ug/l	97
21) 2,2-Dichloropropane	4.647	77	7898	0.369	ug/l	96
22) cis-1,2-Dichloroethene	4.660	96	5620	0.357	ug/l	95
23) Diethyl Ether	2.370	59	3782	0.345	ug/l	99
24) tert-Butyl Alcohol	3.171	59	10675	8.012	ug/l #	80
25) Methyl tert-Butyl Ether	3.354	73	10417	0.327	ug/l	94
26) Bromochloromethane	4.975	128	2519	0.366	ug/l	89
27) Chloroform	5.081	83	10167	0.367	ug/l	89
28) 1,1,1-Trichloroethane	5.303	97	7835	0.349	ug/l	97
29) 1,1-Dichloropropene	5.518	75	6955	0.346	ug/l	96
30) Carbon Tetrachloride	5.512	117	6817	0.354	ug/l	98
31) Isopropyl Ether	3.978	45	12761	0.326	ug/l	93
32) Ethyl-t-butyl ether	4.483	59	10976	0.308	ug/l	95
33) Tert-Amyl methyl ether	5.930	73	9506	0.305	ug/l	98
34) Propionitrile	4.804	54	1376m	1.266	ug/l	
35) Benzene	5.766	78	20771	0.336	ug/l	94
36) 1,2-Dichloroethane	5.791	62	6014	0.337	ug/l #	94
37) Trichloroethene	6.537	130	5322	0.362	ug/l	96
38) 1,2-Dichloropropane	6.785	63	5547	0.343	ug/l	91
39) Methacrylonitrile	5.010	41	1284m	0.317	ug/l	
40) Methyl acrylate	4.894	55	2337m	0.313	ug/l	
41) Tetrahydrofuran	5.061	42	1706	0.724	ug/l #	78
42) 1-Chlorobutane	5.451	56	8833	0.321	ug/l	95
43) Dibromomethane	6.914	93	2658	0.324	ug/l	97
44) Bromodichloromethane	7.097	83	6826	0.358	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	12251	1.426	ug/l	94
46) t-1,4-Dichloro-2-butene	10.823	75	2473m	0.612	ug/l	
47) Methyl methacrylate	6.965	69	3831	0.555	ug/l	93
48) Ethyl methacrylate	8.335	69	3206m	0.247	ug/l	
49) Toluene	7.965	92	11467	0.323	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	5411	0.310	ug/l	100
51) cis-1,3-Dichloropropene	7.602	75	7203	0.334	ug/l	97
52) 1,1,2-Trichloroethane	8.389	97	3877	0.351	ug/l	92
53) 1,3-Dichloropropane	8.569	76	6711	0.342	ug/l	98
54) 2-Hexanone	8.688	43	8139m	1.388	ug/l	
55) Dibromochloromethane	8.801	129	4368	0.344	ug/l	90
56) 1,2-Dibromoethane	8.920	107	3424	0.330	ug/l	92
58) Tetrachloroethene	8.547	164	4411	0.364	ug/l	92
59) Chlorobenzene	9.441	112	11796	0.314	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	4764	0.353	ug/l	97
61) Pentachloroethane	11.415	117	3833	0.318	ug/l	98
62) Hexachloroethane	12.463	117	3192	0.299	ug/l	96
63) Ethyl Benzene	9.563	91	18559	0.287	ug/l	99
64) m/p-Xylenes	9.688	106	13289	0.550	ug/l	93
65) o-Xylene	10.097	106	6626	0.280	ug/l	99
66) Styrene	10.113	104	9641	0.256	ug/l	97
67) Bromoform	10.280	173	2378	0.330	ug/l #	95
69) Isopropylbenzene	10.476	105	15598	0.280	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.772	83	4984	0.335	ug/l	92
71) 1,2,3-Trichloropropane	10.817	75	4205m	0.376	ug/l	
72) Bromobenzene	10.778	156	4949	0.330	ug/l	83
73) n-propylbenzene	10.900	120	4474	0.281	ug/l	95
74) 2-Chlorotoluene	10.984	126	4308	0.294	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	12865	0.250	ug/l	98
76) 4-Chlorotoluene	11.093	126	4067	0.270	ug/l	100
77) tert-Butylbenzene	11.409	119	14489	0.278	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	12578	0.246	ug/l	99
79) sec-Butylbenzene	11.634	105	18183	0.274	ug/l	98
81) p-Isopropyltoluene	11.785	119	12217	0.233	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	8964	0.308	ug/l	96
83) 1,4-Dichlorobenzene	11.836	146	8909	0.313	ug/l	98
84) n-Butylbenzene	12.203	91	12155	0.259	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	8585	0.307	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.990	75	572	0.274	ug/l #	80
87) 1,2,4-Trichlorobenzene	13.846	180	3749	0.275	ug/l #	94
88) Hexachlorobutadiene	14.010	225	3356	0.345	ug/l	95
89) Naphthalene	14.100	128	6425m	0.293	ug/l	
90) 1,2,3-Trichlorobenzene	14.325	180	5130	0.385	ug/l	99

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

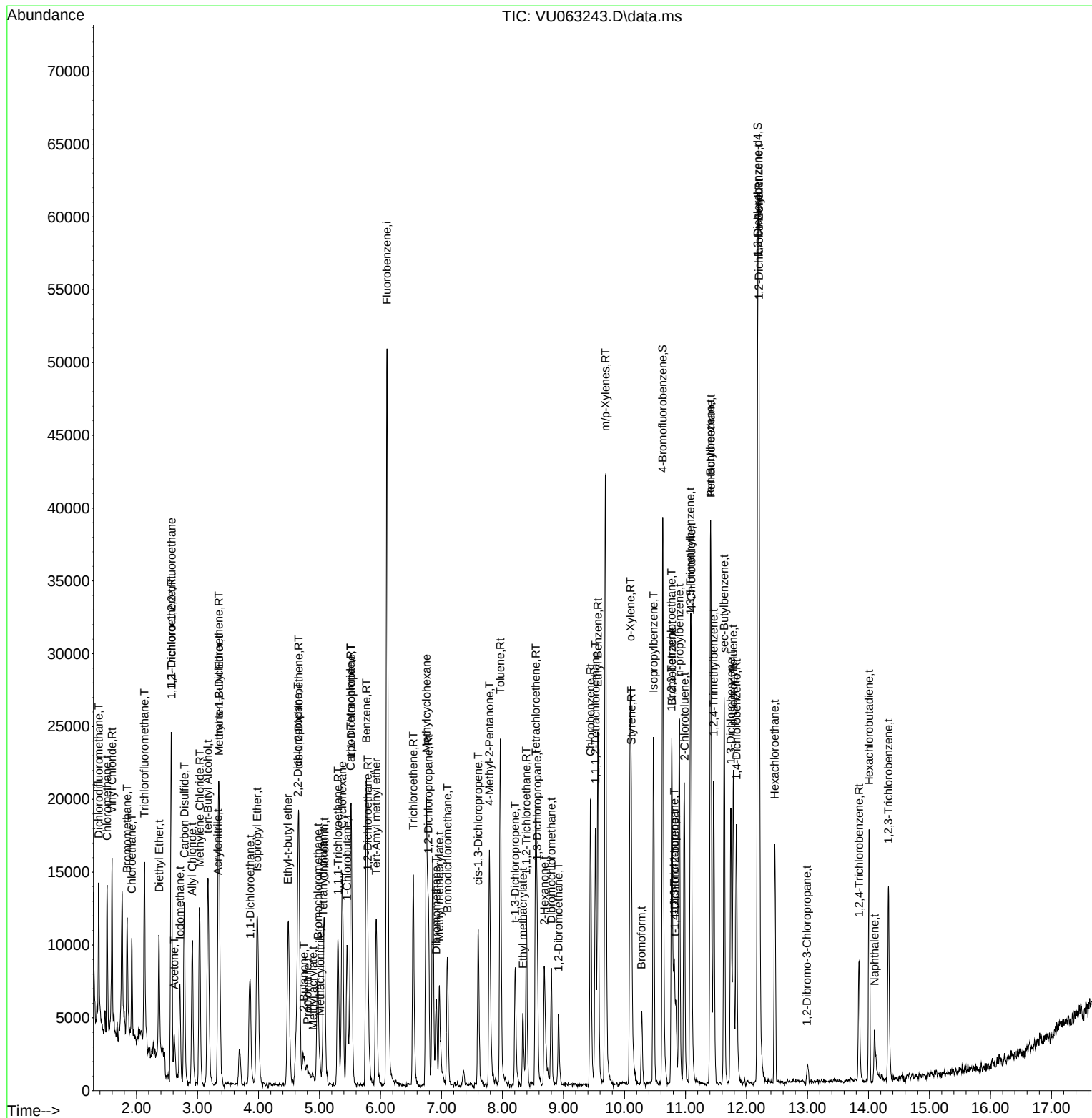
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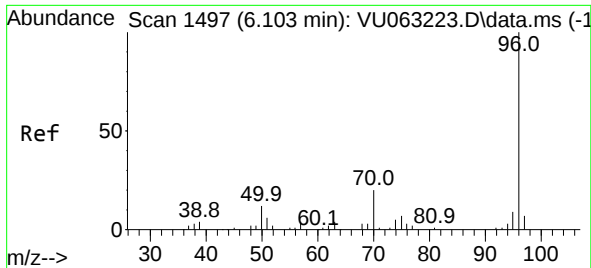
Instrument :
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 ClientSampleId :
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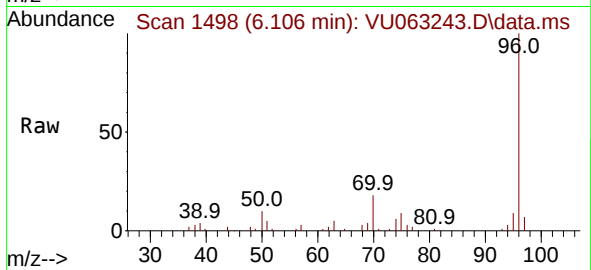
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 1497
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

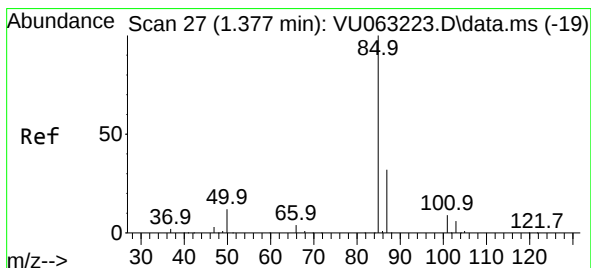
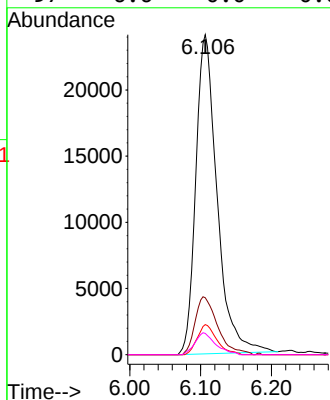
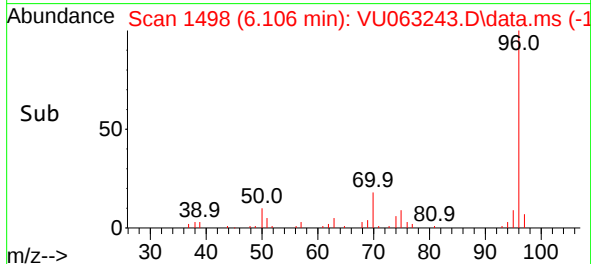
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 96 Resp: 50314
Ion Ratio Lower Upper
96 100
70 19.1 15.6 23.4
95 8.6 7.3 10.9
97 6.6 0.0 0.0#

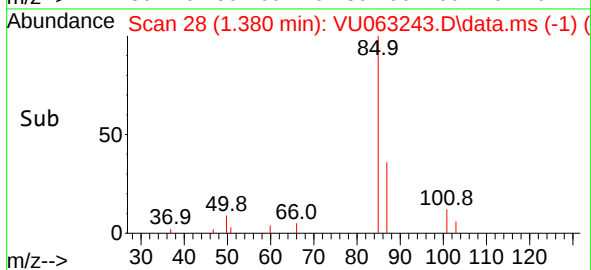
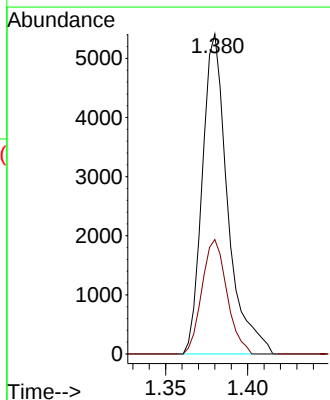
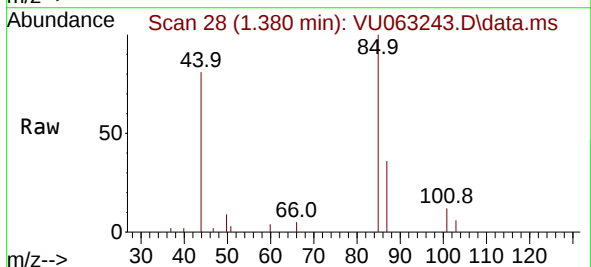
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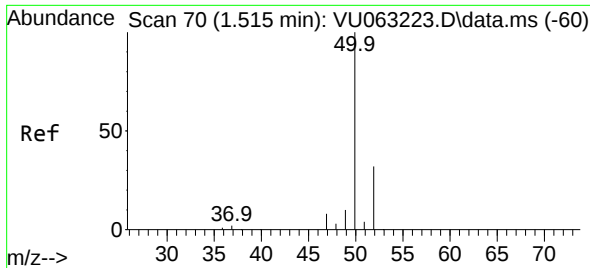
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#2
Dichlorodifluoromethane
Concen: 0.355 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Tgt Ion: 85 Resp: 5801
Ion Ratio Lower Upper
85 100
87 35.7 16.0 48.0





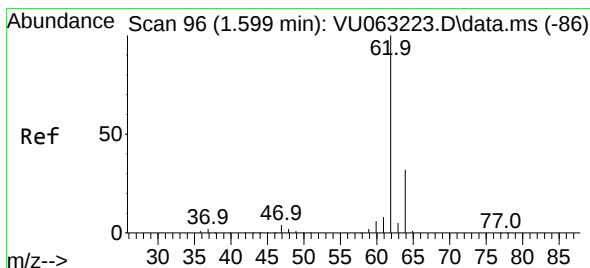
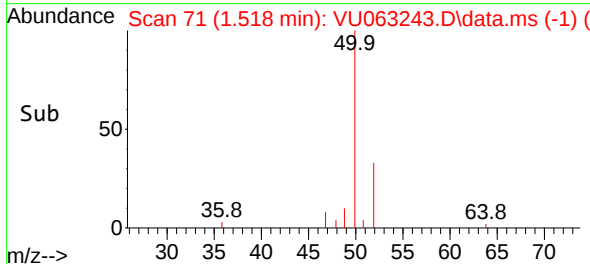
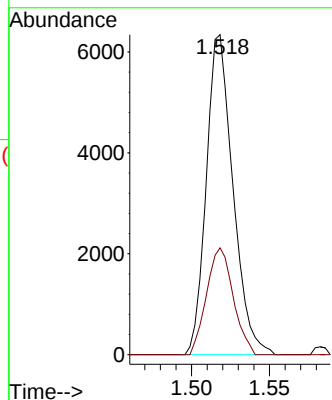
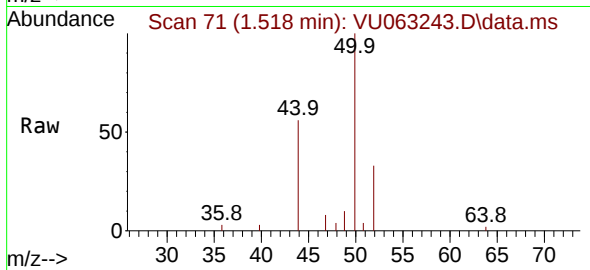
#3
Chloromethane
Concen: 0.400 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 50 Resp: 7530
Ion Ratio Lower Upper
50 100
52 33.4 25.8 38.8

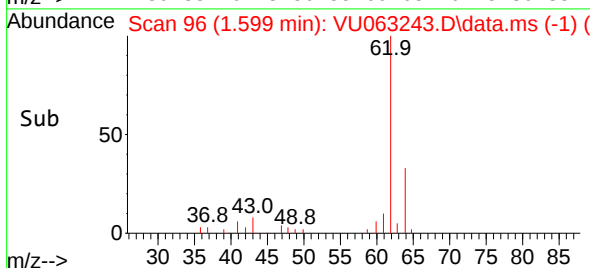
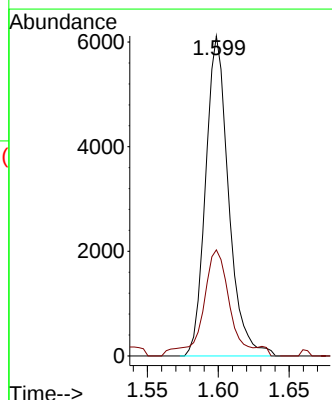
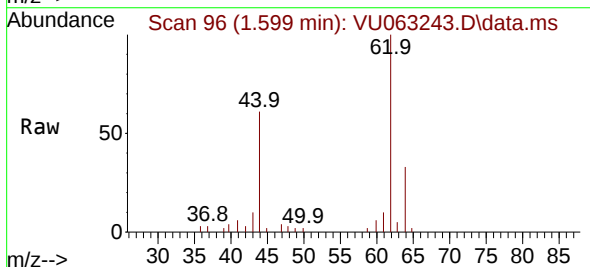
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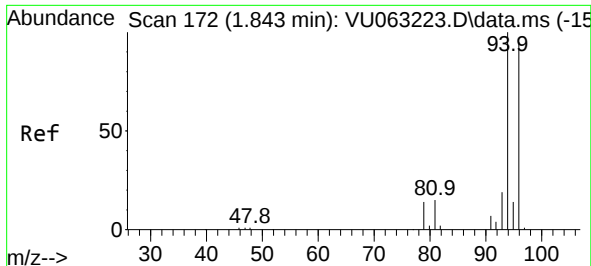
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#4
Vinyl Chloride
Concen: 0.371 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

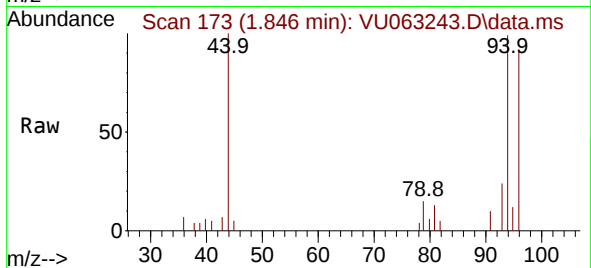
Tgt Ion: 62 Resp: 6902
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0





#5
Bromomethane
Concen: 0.419 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

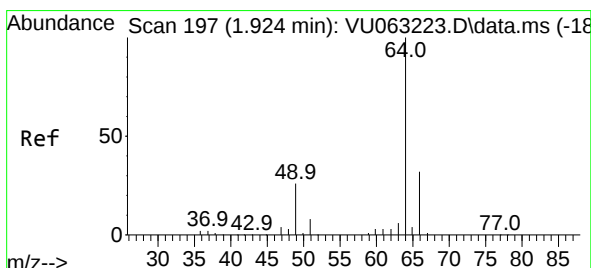
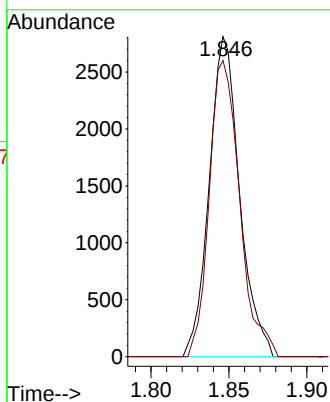
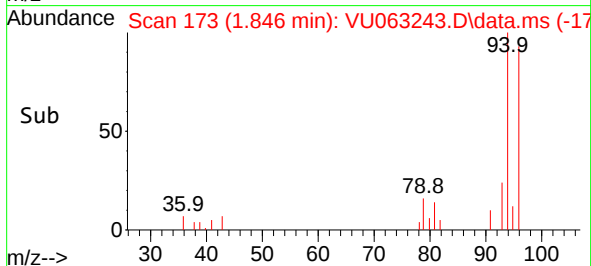
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 94 Resp: 3814
Ion Ratio Lower Upper
94 100
96 92.6 75.7 113.5

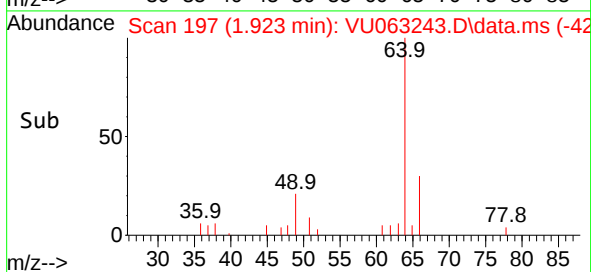
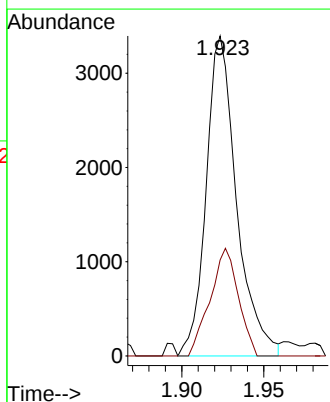
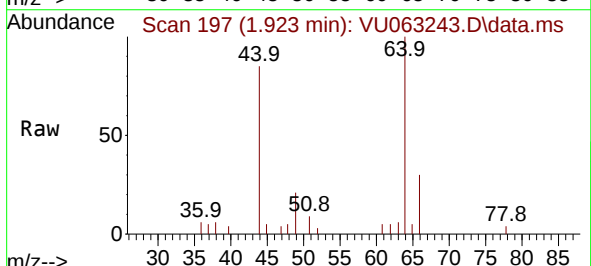
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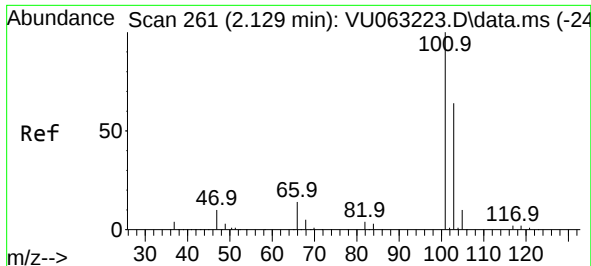
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#6
Chloroethane
Concen: 0.373 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

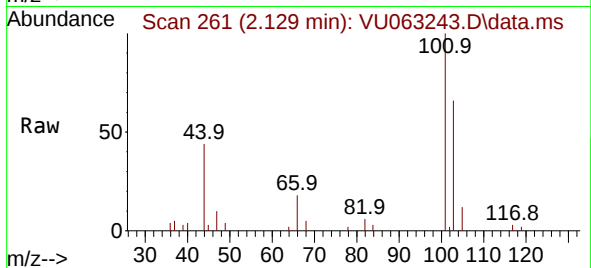
Tgt Ion: 64 Resp: 4380
Ion Ratio Lower Upper
64 100
66 30.0 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 0.344 ug/l
 RT: 2.129 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VU063243.D
 Acq: 11 Feb 2025 18:15

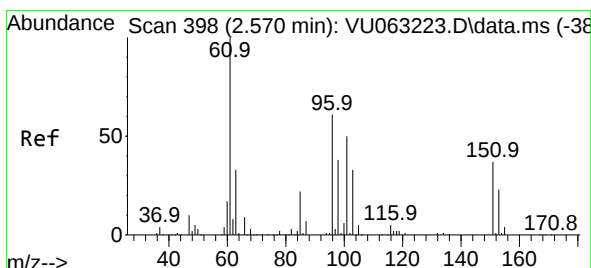
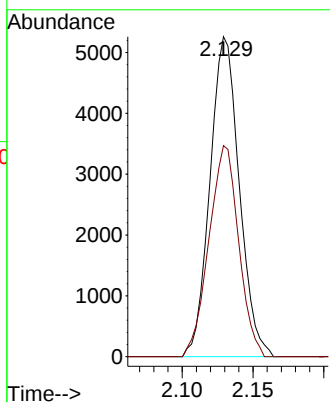
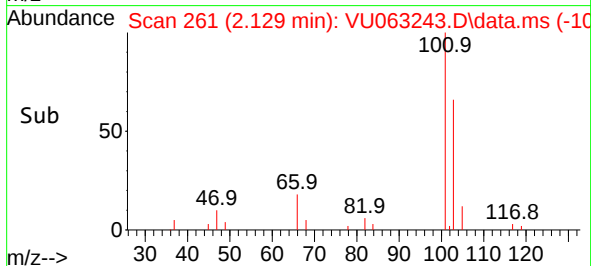
Instrument : MSVOA_U
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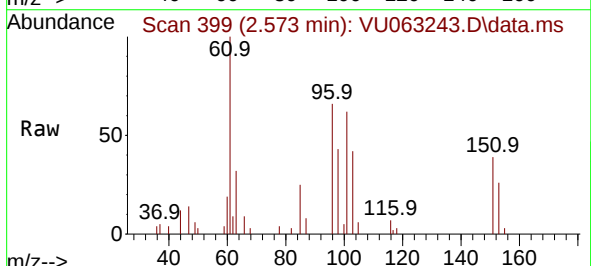
Tgt Ion:101 Resp: 758
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.2

Manual Integrations
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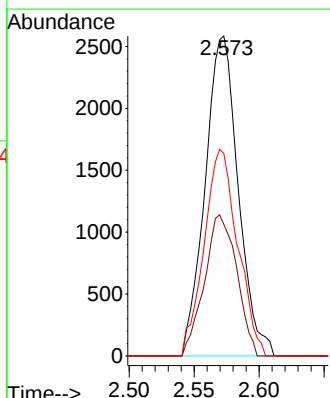
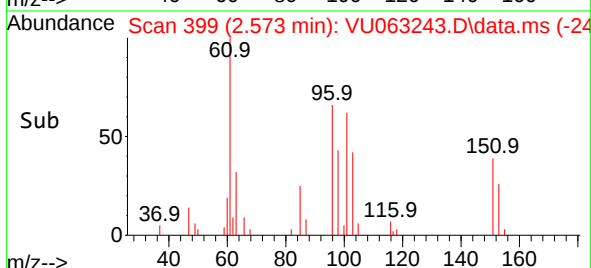
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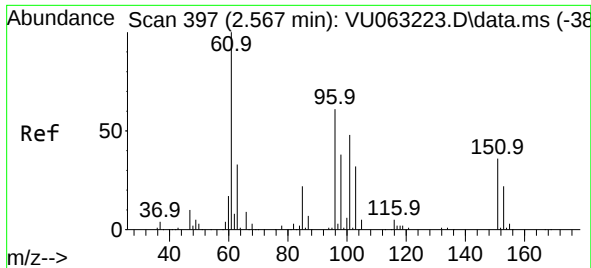


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.366 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. 0.003 min
 Lab File: VU063243.D
 Acq: 11 Feb 2025 18:15



Tgt Ion:101 Resp: 4581
 Ion Ratio Lower Upper
 101 100
 85 43.0 35.4 53.0
 151 65.5 58.5 87.7





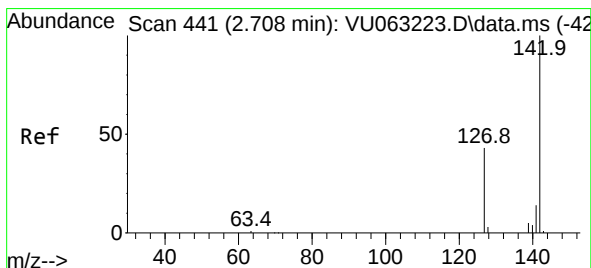
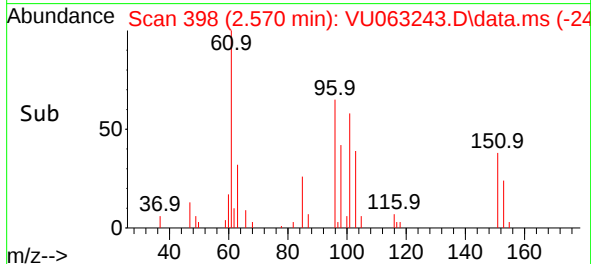
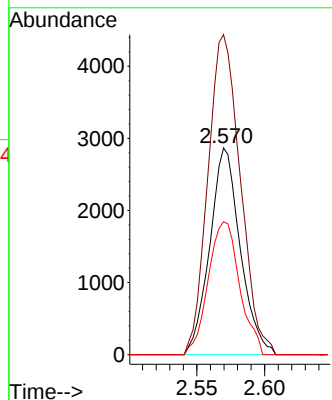
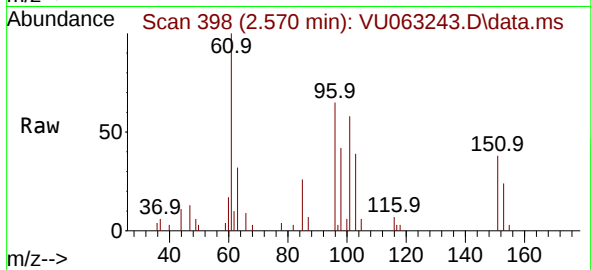
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1,1-Dichloroethene
Concen: 0.351 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument :
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Tgt Ion: 96 Resp: 4478
Ion Ratio Lower Upper
96 100
61 154.7 0.0 492.9
98 64.3 0.0 124.0

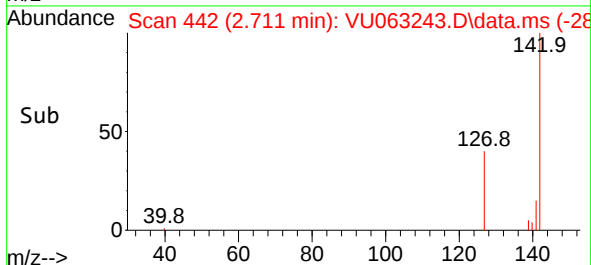
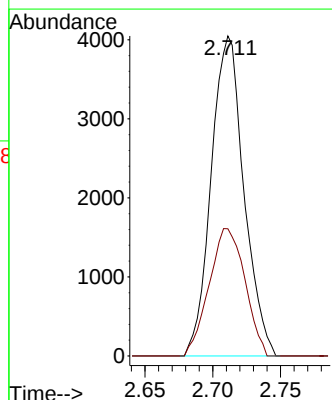
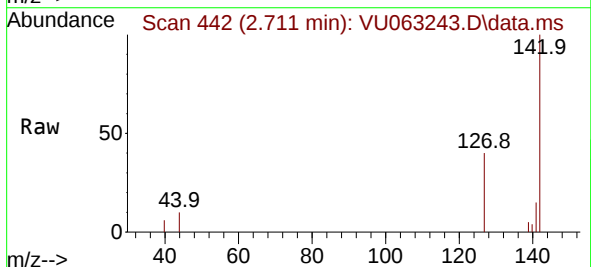
Manual Integrations
APPROVED

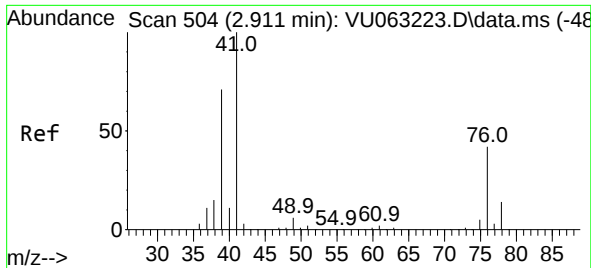
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#10
Iodomethane
Concen: 0.339 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

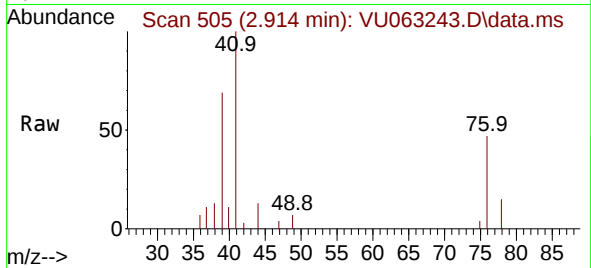
Tgt Ion:142 Resp: 6802
Ion Ratio Lower Upper
142 100
127 43.5 34.5 51.7





#11
 Allyl Chloride
 Concen: 0.339 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063243.D
 Acq: 11 Feb 2025 18:15

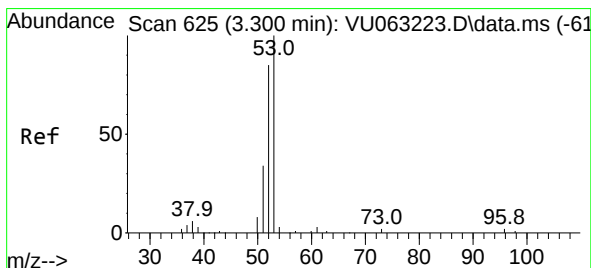
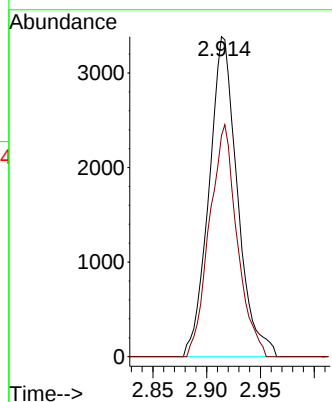
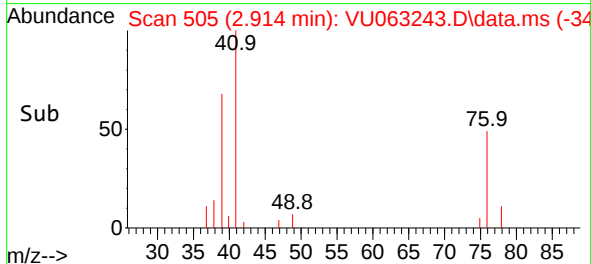
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



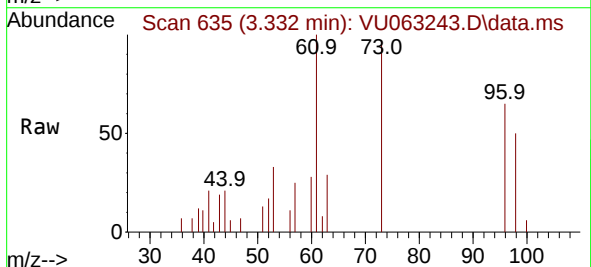
Tgt Ion: 41 Resp: 6218
 Ion Ratio Lower Upper
 41 100
 39 70.7 57.9 86.9

Manual Integrations
 APPROVED

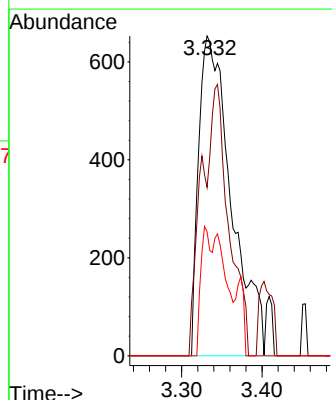
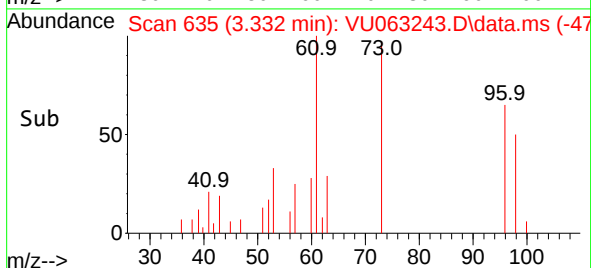
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

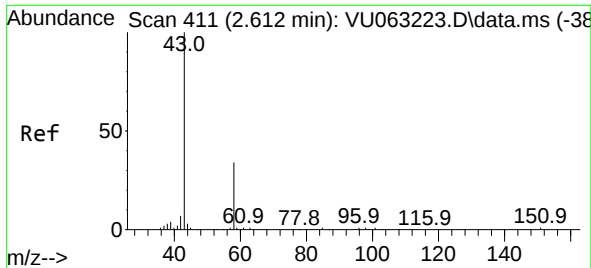


#12
 Acrylonitrile
 Concen: 0.646 ug/l m
 RT: 3.332 min Scan# 635
 Delta R.T. 0.032 min
 Lab File: VU063243.D
 Acq: 11 Feb 2025 18:15



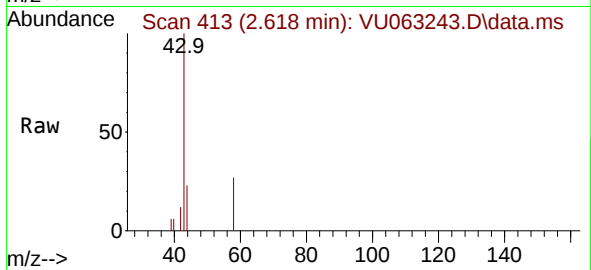
Tgt Ion: 53 Resp: 1901
 Ion Ratio Lower Upper
 53 100
 52 20.8 64.2 96.2#
 51 13.0 30.8 46.2#





#13
Acetone
Concen: 1.774 ug/l
RT: 2.618 min Scan# 411
Delta R.T. 0.006 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

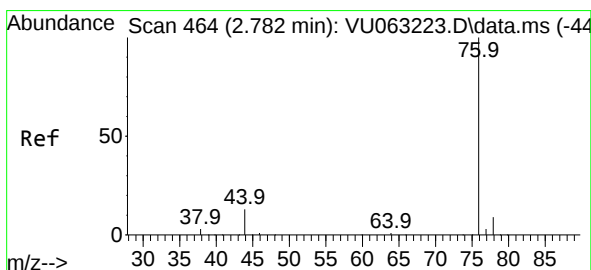
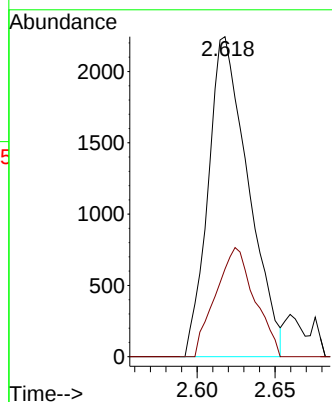
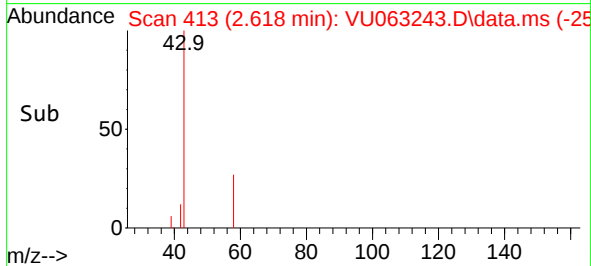
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



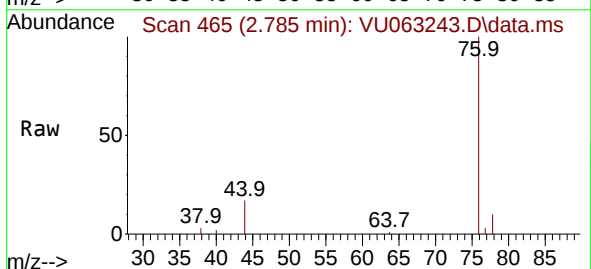
Tgt Ion: 43 Resp: 4010
Ion Ratio Lower Upper
43 100
58 27.4 27.4 41.0

Manual Integrations
APPROVED

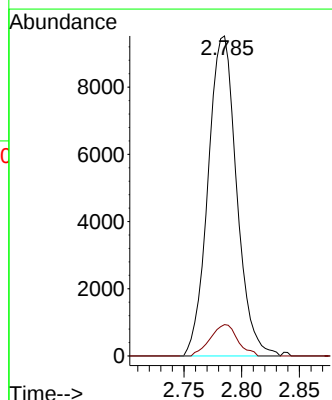
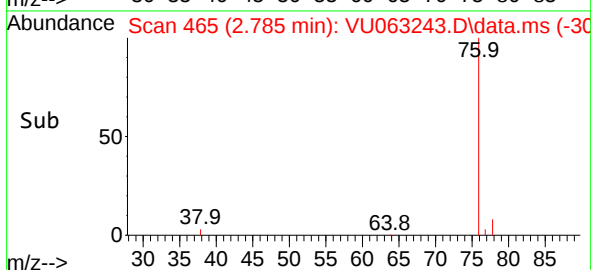
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

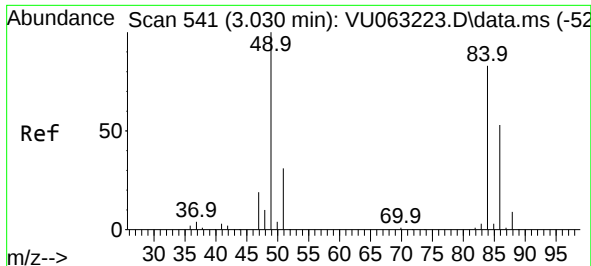


#14
Carbon Disulfide
Concen: 0.368 ug/l
RT: 2.785 min Scan# 465
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15



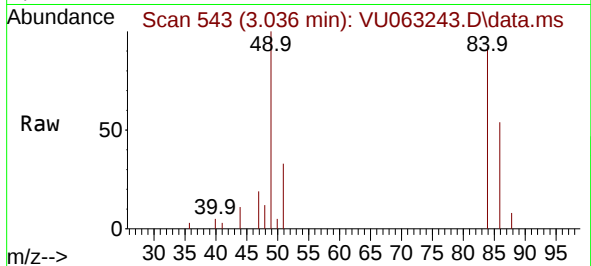
Tgt Ion: 76 Resp: 16405
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8





#15
Methylene Chloride
Concen: 0.401 ug/l
RT: 3.036 min Scan# 541
Delta R.T. 0.006 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

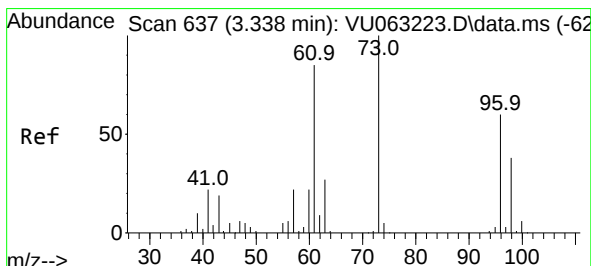
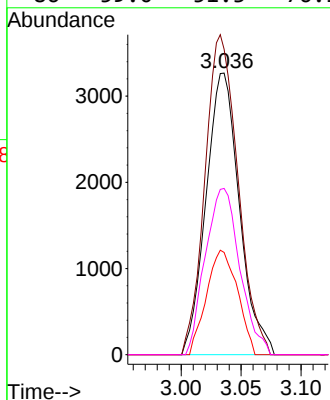
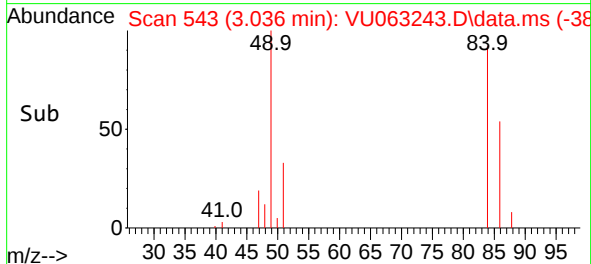
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



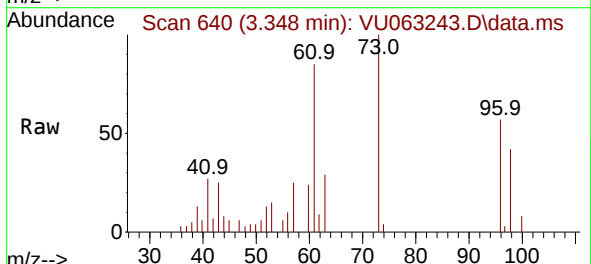
Tgt Ion: 84 Resp: 632
Ion Ratio Lower Upper
84 100
49 108.5 96.4 144.6
51 36.3 0.0 74.8
86 59.0 51.3 76.9

Manual Integrations
APPROVED

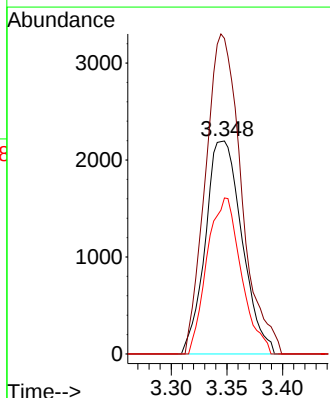
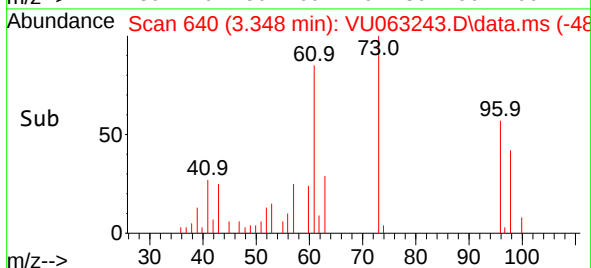
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

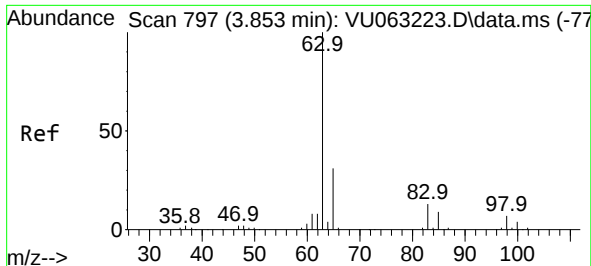


#16
trans-1,2-Dichloroethene
Concen: 0.344 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.010 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15



Tgt Ion: 96 Resp: 5011
Ion Ratio Lower Upper
96 100
61 141.4 113.4 170.2
98 69.9 51.2 76.8





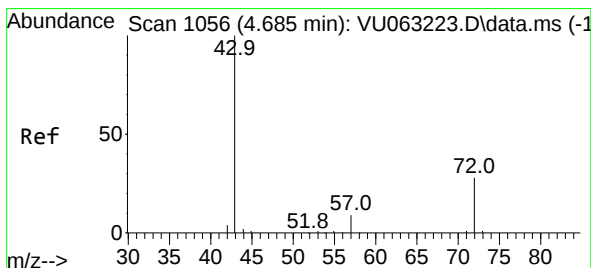
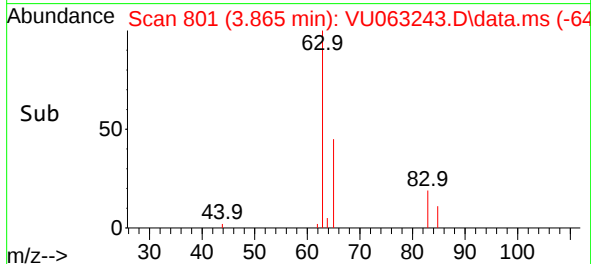
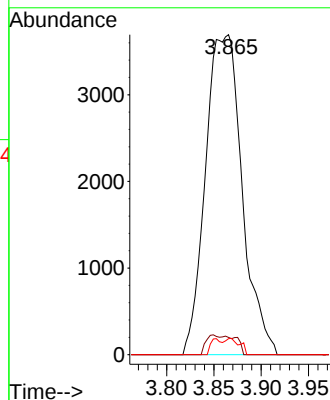
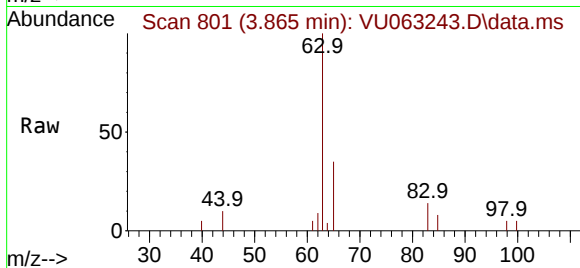
#17
1,1-Dichloroethane
Concen: 0.362 ug/l
RT: 3.865 min Scan# 801
Delta R.T. 0.013 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 63 Resp: 9948
Ion Ratio Lower Upper
63 100
98 5.4 3.3 9.9
100 5.0 2.1 6.2

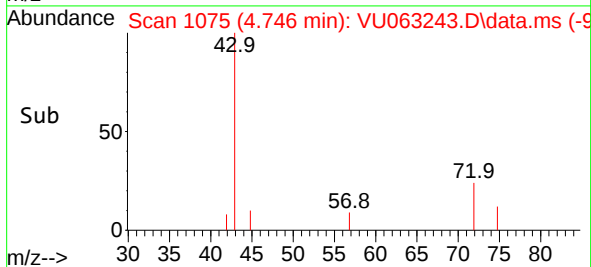
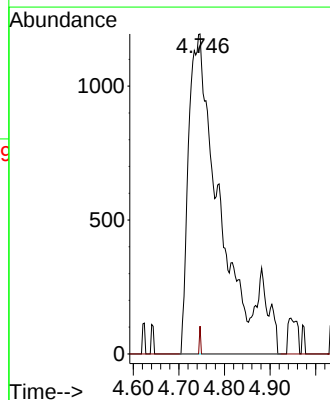
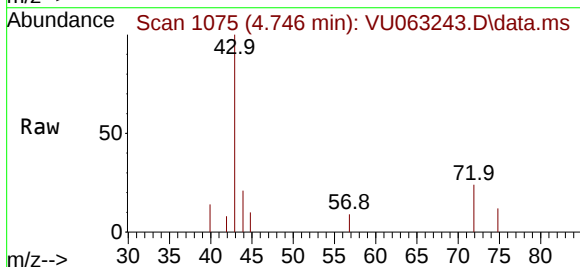
Manual Integrations
APPROVED

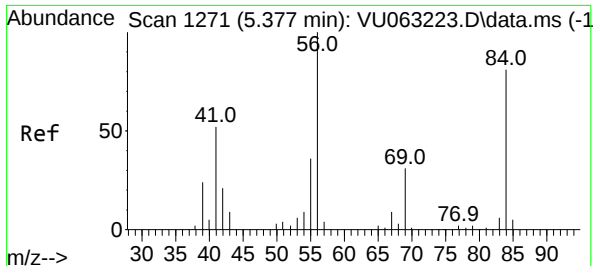
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#18
2-Butanone
Concen: 1.631 ug/l m
RT: 4.746 min Scan# 1075
Delta R.T. 0.061 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Tgt Ion: 43 Resp: 5877
Ion Ratio Lower Upper
43 100
57 8.7 0.0 17.0





#19

Cyclohexane

Concen: 0.313 ug/l m

RT: 5.373 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

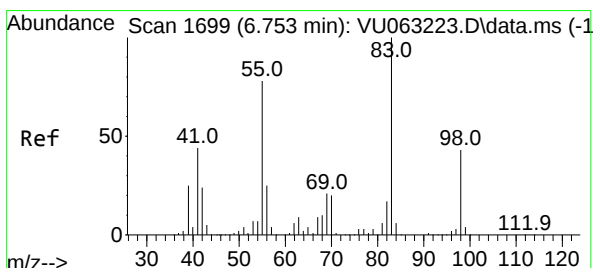
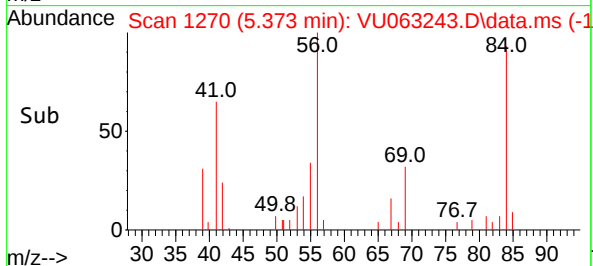
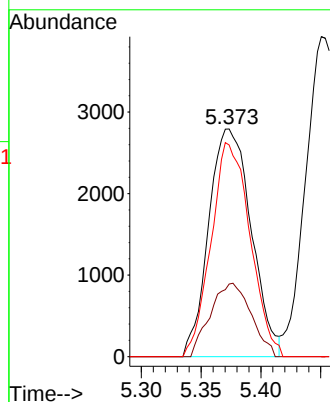
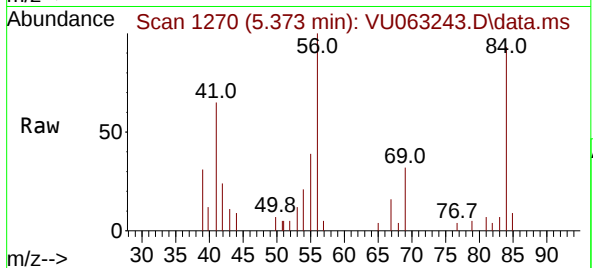
Tgt Ion:	56	Resp:	690
Ion Ratio	Lower	Upper	
56	100		
69	30.8	24.5	36.7
84	86.1	65.2	97.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#20

Methylcyclohexane

Concen: 0.324 ug/l

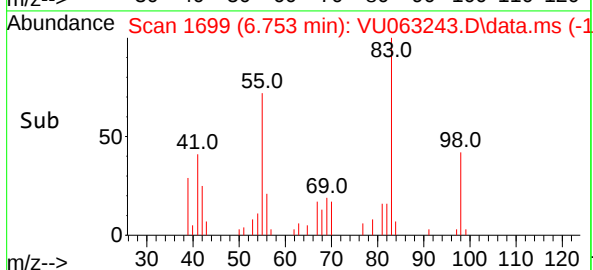
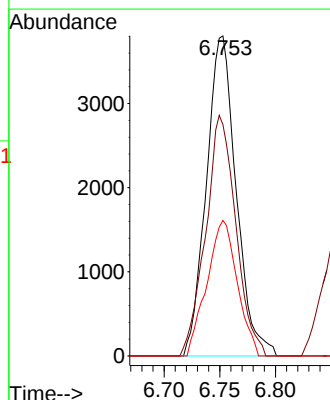
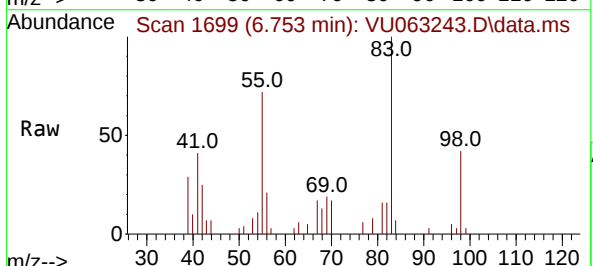
RT: 6.753 min Scan# 1699

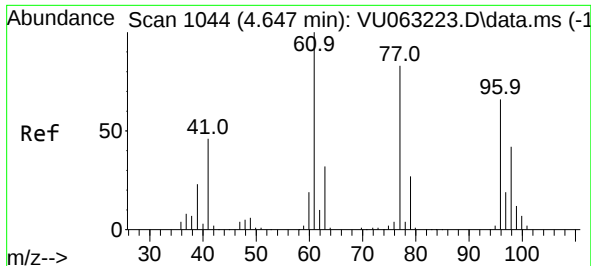
Delta R.T. -0.000 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

Tgt Ion:	83	Resp:	7092
Ion Ratio	Lower	Upper	
83	100		
55	76.0	63.1	94.7
98	42.9	35.2	52.8





#21

2,2-Dichloropropane

Concen: 0.369 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 77 Resp: 789

Ion Ratio Lower Upper

77 100

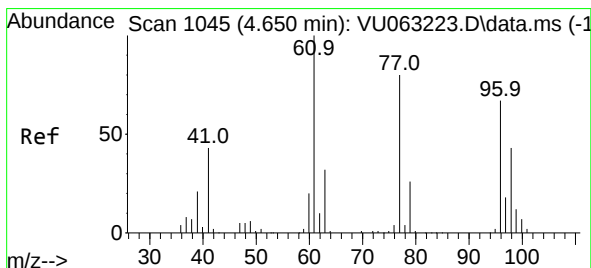
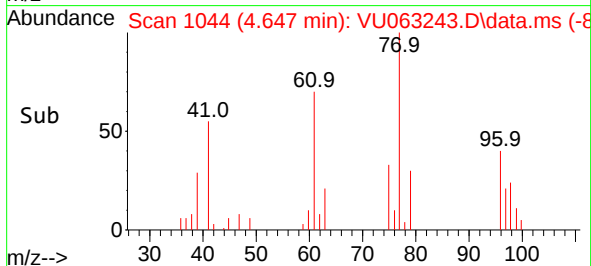
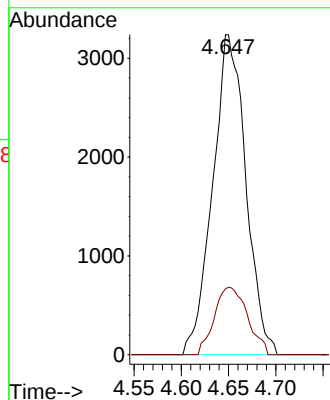
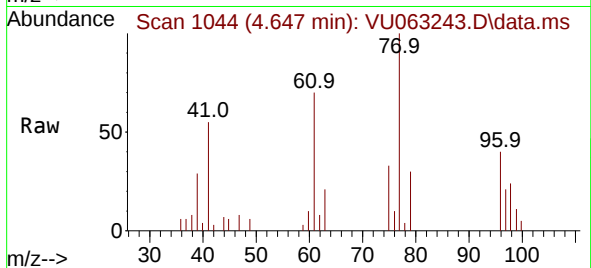
97 21.0 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#22

cis-1,2-Dichloroethene

Concen: 0.357 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. 0.010 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

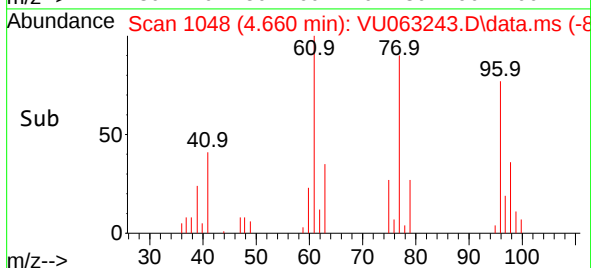
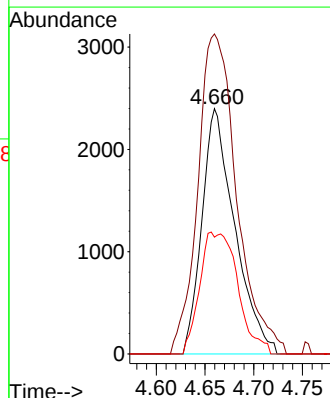
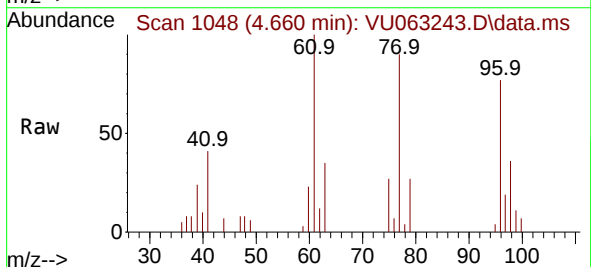
Tgt Ion: 96 Resp: 5620

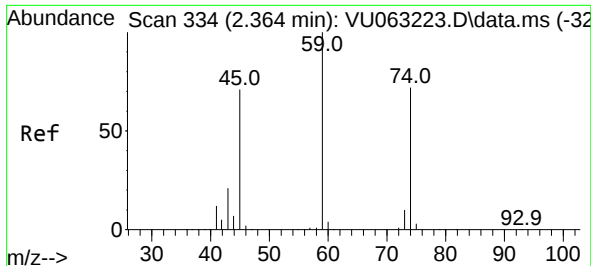
Ion Ratio Lower Upper

96 100

61 154.4 0.0 373.3

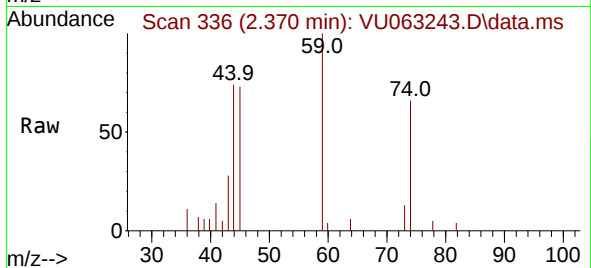
98 57.3 31.9 95.9





#23
Diethyl Ether
Concen: 0.345 ug/l
RT: 2.370 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

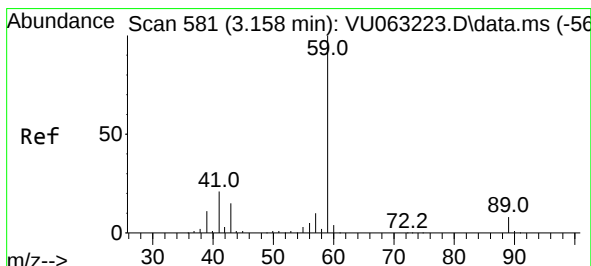
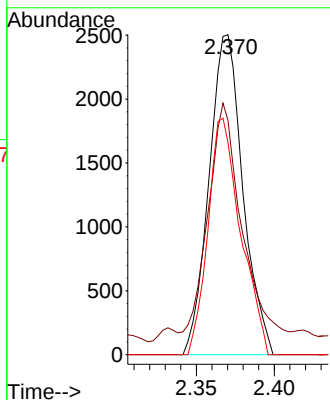
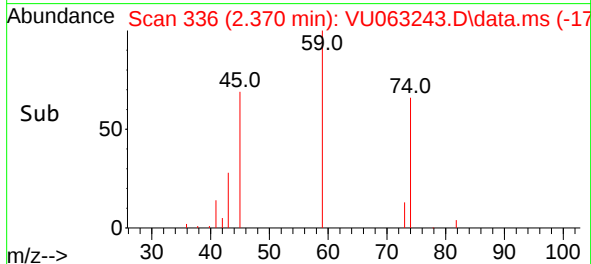
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 59 Resp: 378
Ion Ratio Lower Upper
59 100
45 71.2 57.8 86.6
74 71.3 57.7 86.5

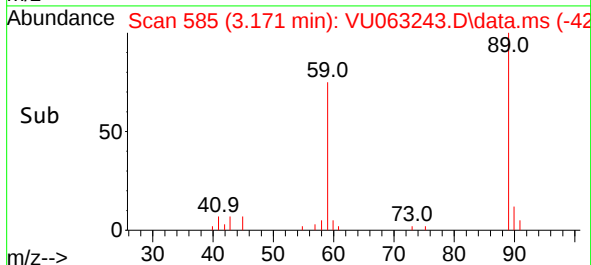
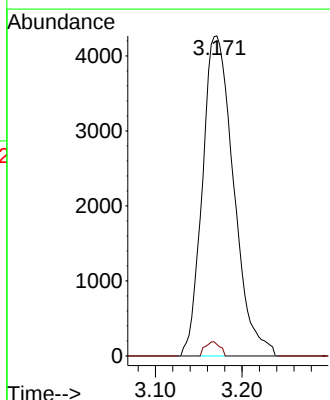
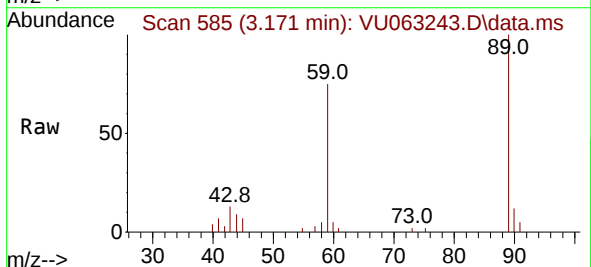
Manual Integrations
APPROVED

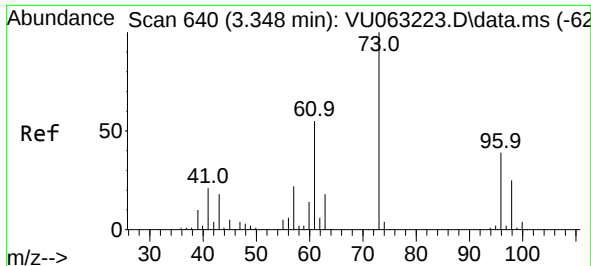
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#24
tert-Butyl Alcohol
Concen: 8.012 ug/l
RT: 3.171 min Scan# 585
Delta R.T. 0.013 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

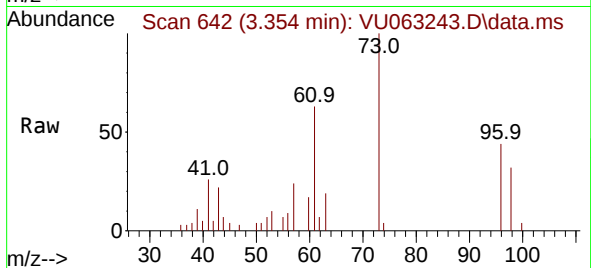
Tgt Ion: 59 Resp: 10675
Ion Ratio Lower Upper
59 100
57 2.1 7.5 11.3#





#25
Methyl tert-Butyl Ether
Concen: 0.327 ug/l
RT: 3.354 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

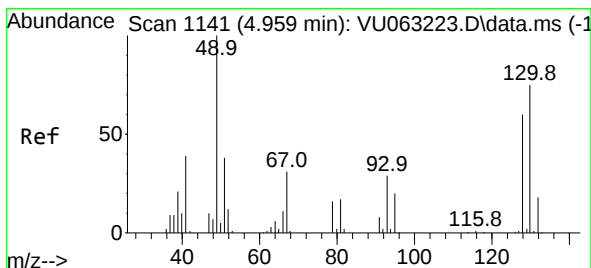
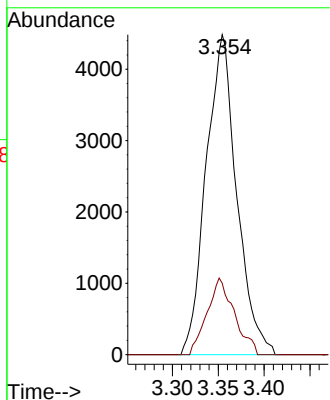
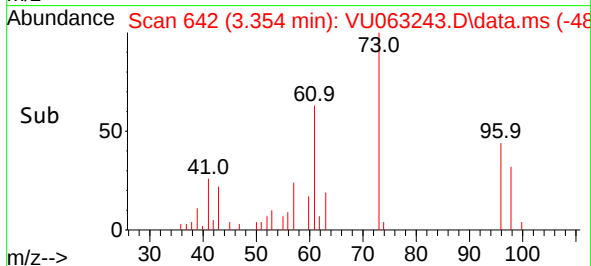
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



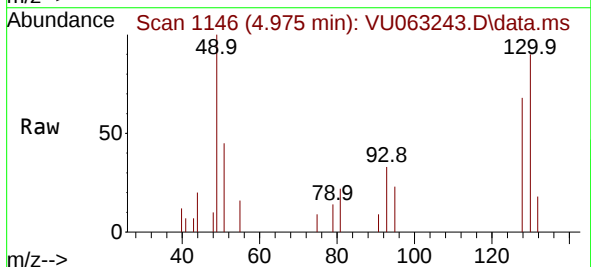
Tgt Ion: 73 Resp: 1041
Ion Ratio Lower Upper
73 100
43 21.3 14.9 22.3

Manual Integrations
APPROVED

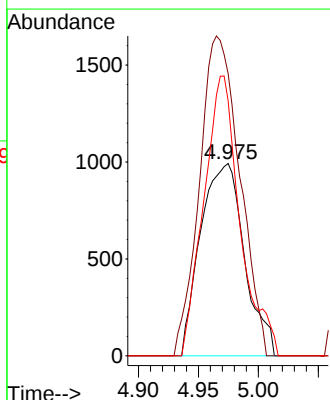
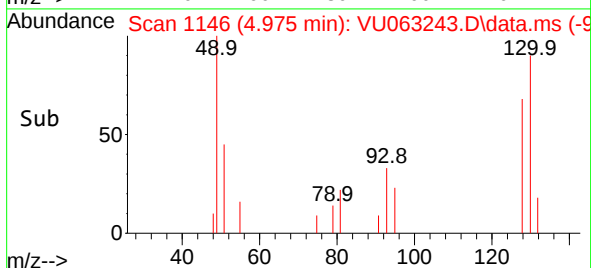
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

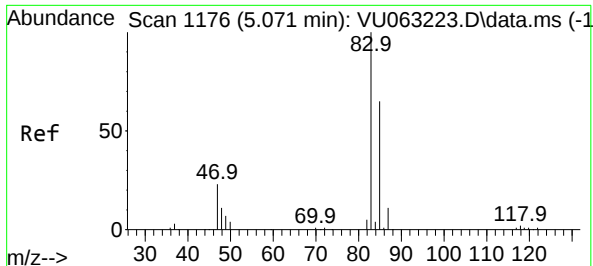


#26
Bromochloromethane
Concen: 0.366 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.016 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15



Tgt Ion:128 Resp: 2519
Ion Ratio Lower Upper
128 100
49 153.0 0.0 343.4
130 120.4 102.9 154.3





#27

Chloroform

Concen: 0.367 ug/l

RT: 5.081 min Scan# 1176

Delta R.T. 0.009 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 83 Resp: 1016

Ion Ratio Lower Upper

83 100

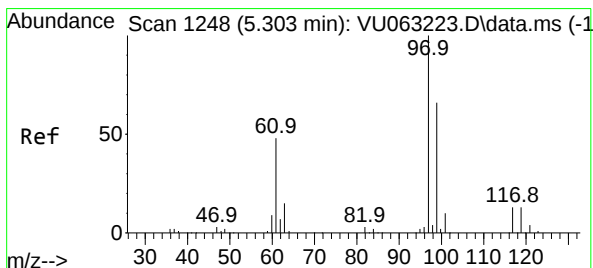
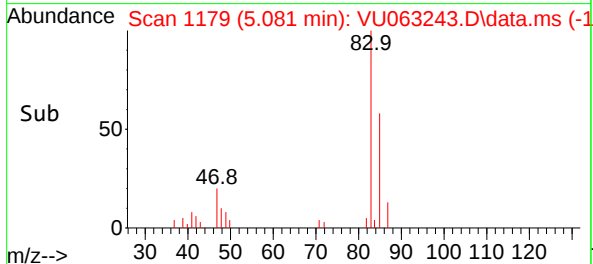
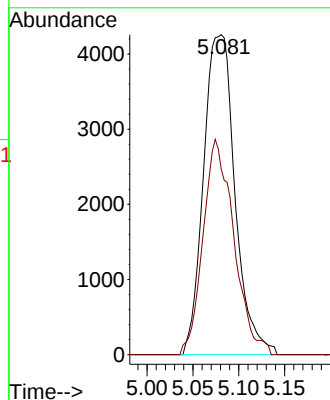
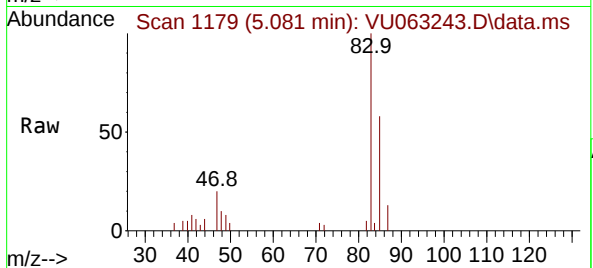
85 56.0 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#28

1,1,1-Trichloroethane

Concen: 0.349 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

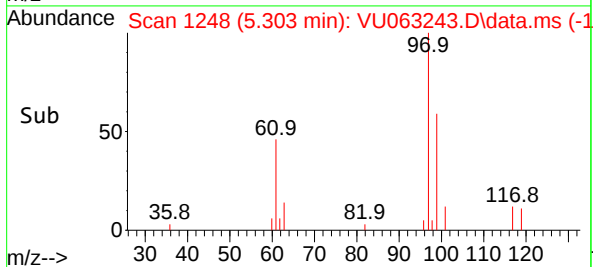
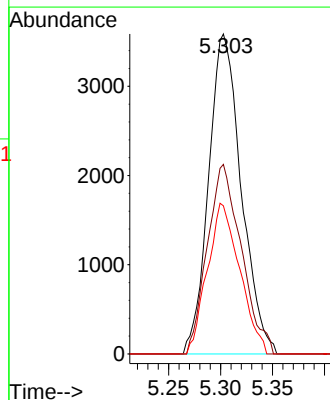
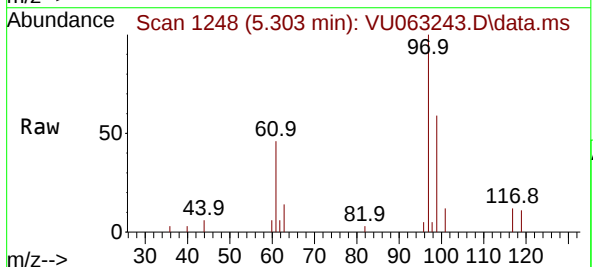
Tgt Ion: 97 Resp: 7835

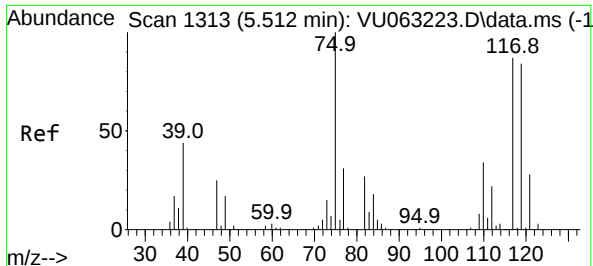
Ion Ratio Lower Upper

97 100

99 61.6 32.4 97.0

61 46.7 23.8 71.2





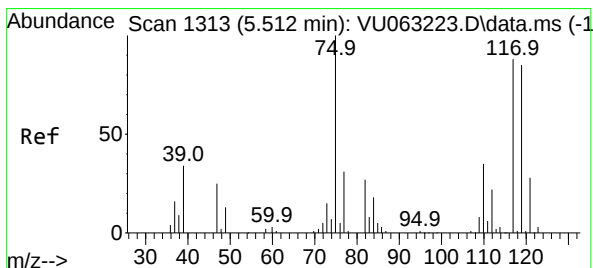
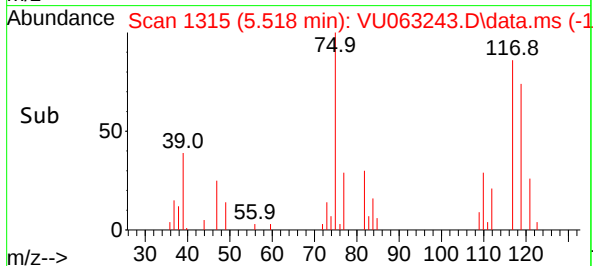
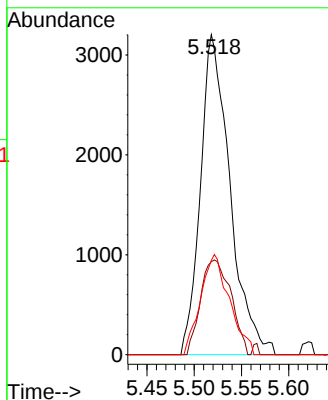
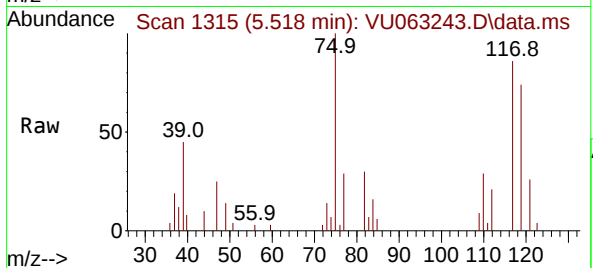
#29
1,1-Dichloropropene
Concen: 0.346 ug/l
RT: 5.518 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 75 Resp: 695
Ion Ratio Lower Upper
75 100
110 30.4 17.2 51.5
77 30.7 24.6 37.0

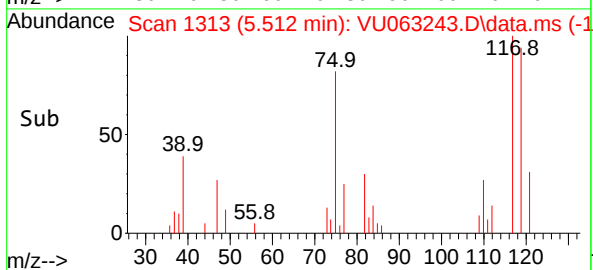
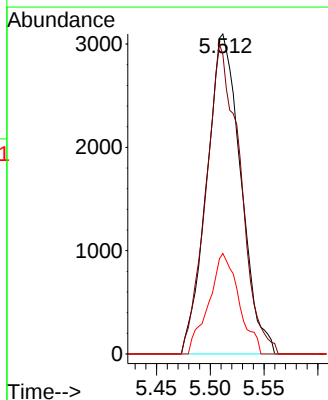
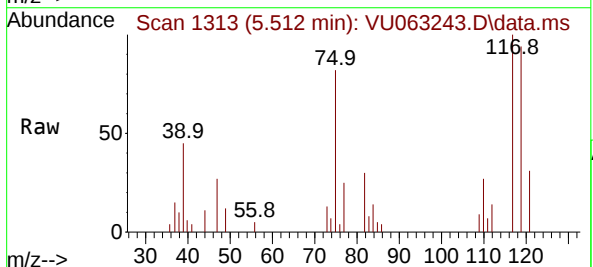
Manual Integrations
APPROVED

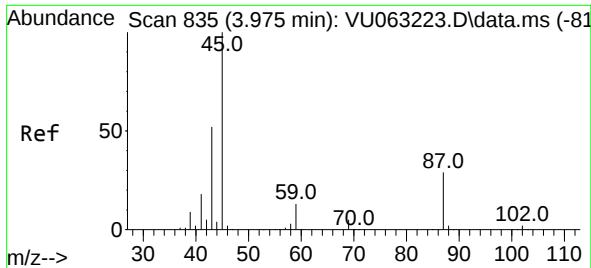
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#30
Carbon Tetrachloride
Concen: 0.354 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Tgt Ion:117 Resp: 6817
Ion Ratio Lower Upper
117 100
119 93.7 76.7 115.1
121 31.4 25.5 38.3





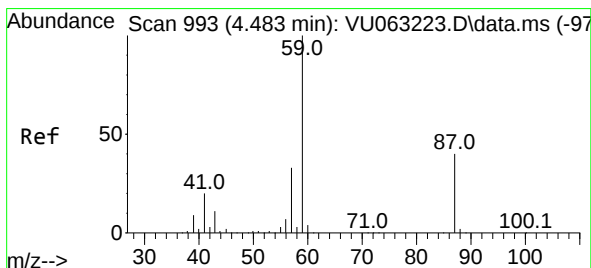
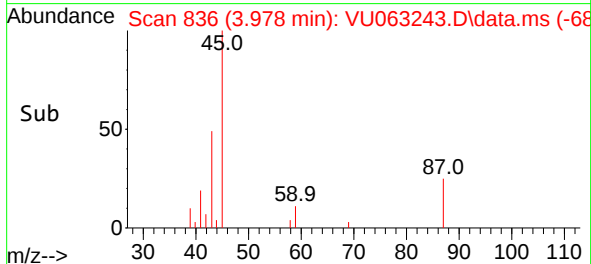
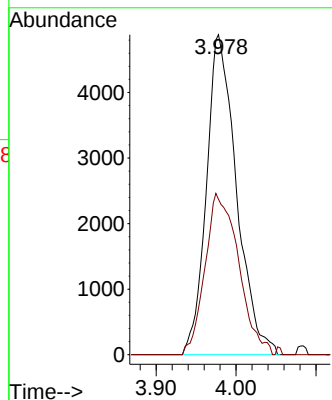
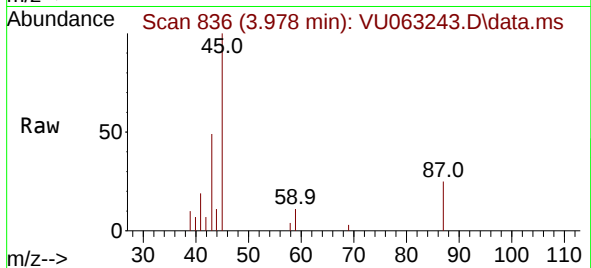
#31
Isopropyl Ether
Concen: 0.326 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 45 Resp: 1276
Ion Ratio Lower Upper
45 100
43 56.3 25.7 77.1

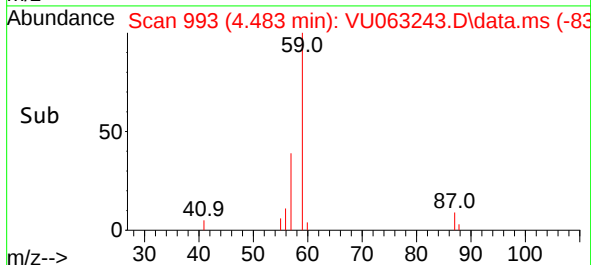
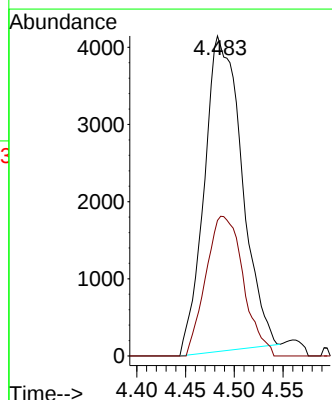
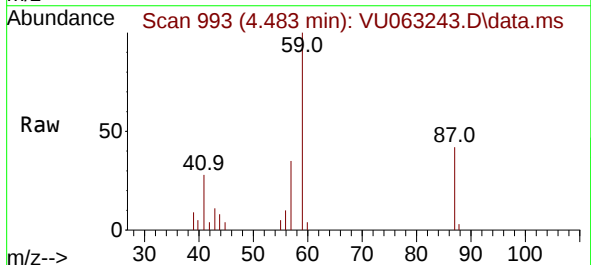
Manual Integrations
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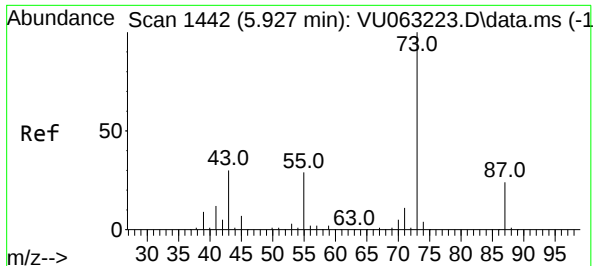
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#32
Ethyl-t-butyl ether
Concen: 0.308 ug/l
RT: 4.483 min Scan# 993
Delta R.T. -0.000 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

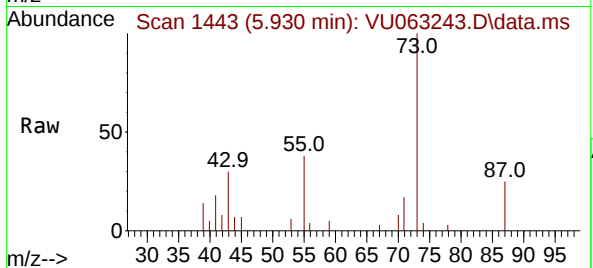
Tgt Ion: 59 Resp: 10976
Ion Ratio Lower Upper
59 100
87 44.2 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 0.305 ug/l
RT: 5.930 min Scan# 1442
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

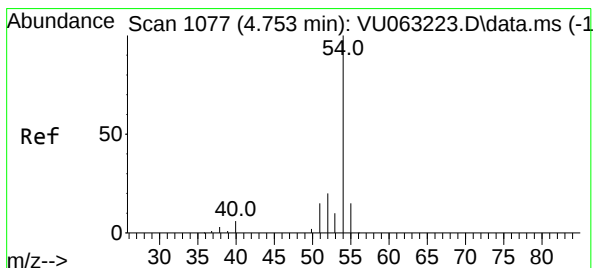
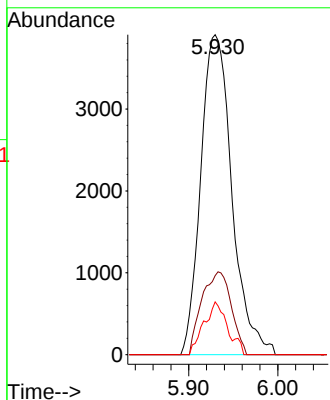
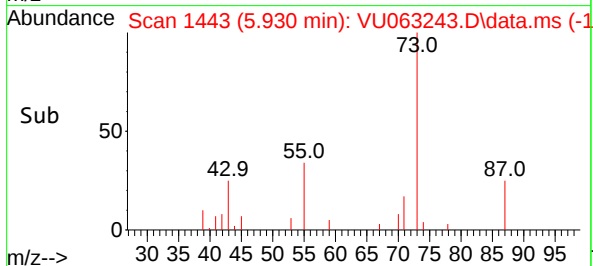
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



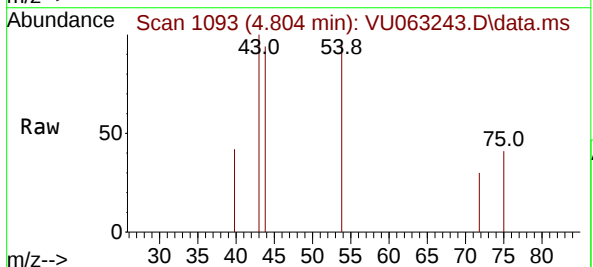
Tgt Ion: 73 Resp: 9500
Ion Ratio Lower Upper
73 100
87 24.5 18.9 28.3
71 12.5 9.0 13.4

Manual Integrations
APPROVED

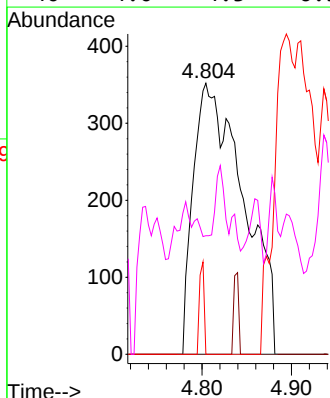
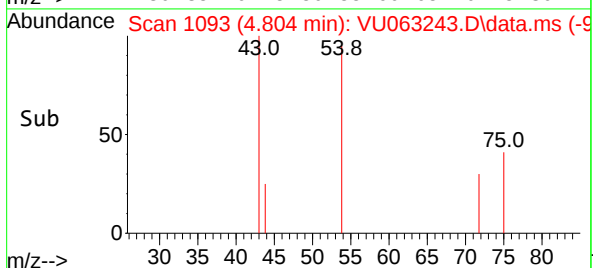
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

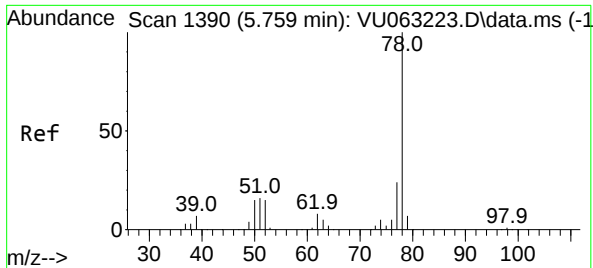


#34
Propionitrile
Concen: 1.266 ug/l m
RT: 4.804 min Scan# 1093
Delta R.T. 0.051 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15



Tgt Ion: 54 Resp: 1376
Ion Ratio Lower Upper
54 100
52 0.0 16.3 24.5#
55 3.1 11.8 17.6#
40 4.0 4.3 6.5#





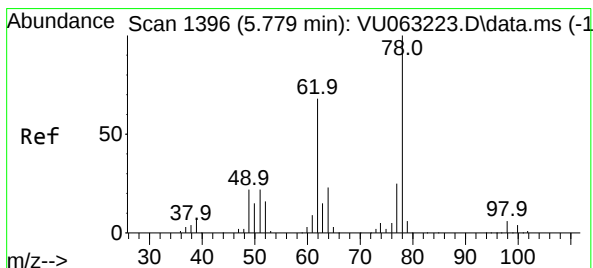
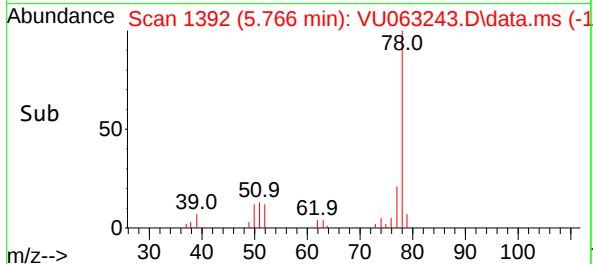
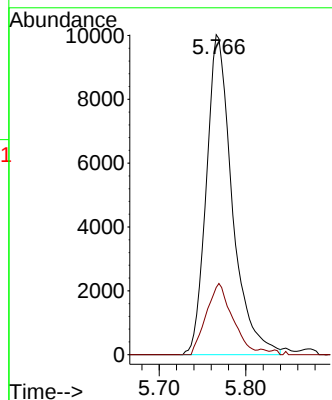
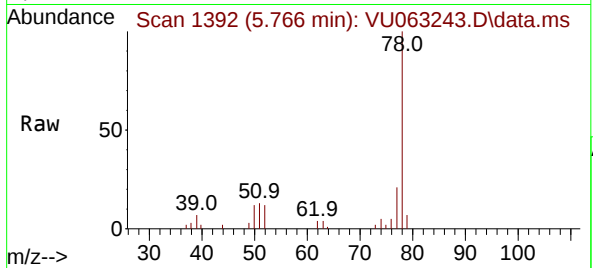
#35
Benzene
Concen: 0.336 ug/l
RT: 5.766 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 78 Resp: 2077
Ion Ratio Lower Upper
78 100
77 21.0 19.0 28.4

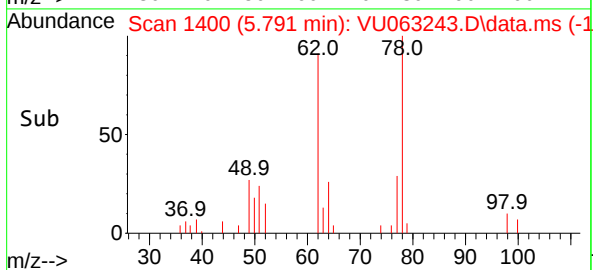
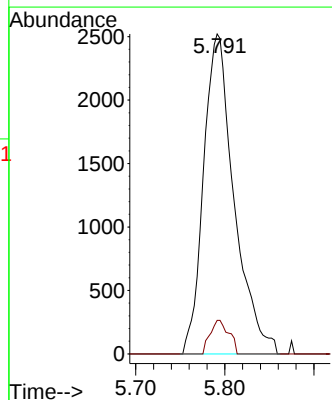
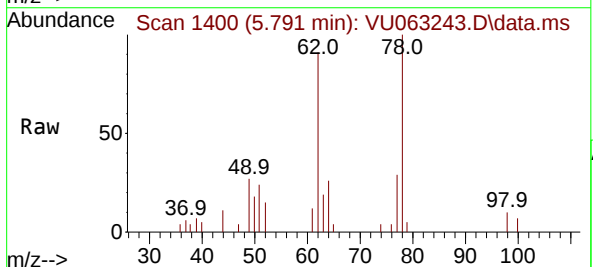
Manual Integrations
APPROVED

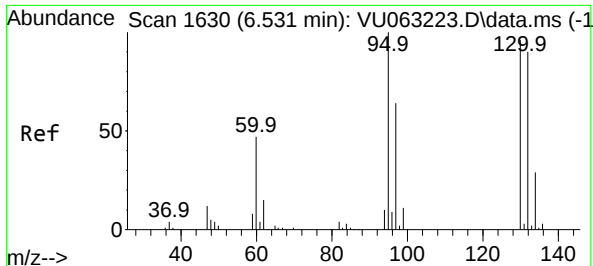
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#36
1,2-Dichloroethane
Concen: 0.337 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.013 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Tgt Ion: 62 Resp: 6014
Ion Ratio Lower Upper
62 100
98 6.4 6.9 10.3#





#37

Trichloroethene

Concen: 0.362 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:130 Resp: 532

Ion Ratio Lower Upper

130 100

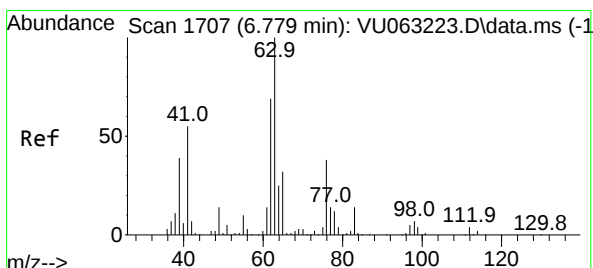
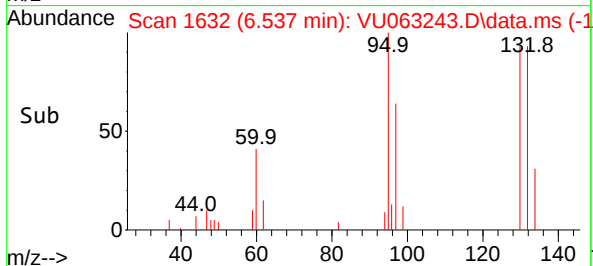
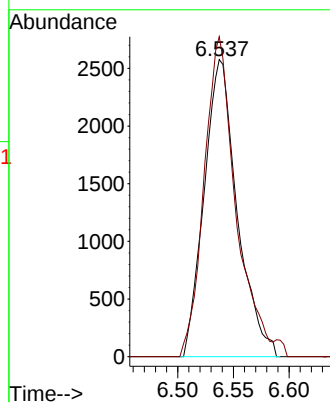
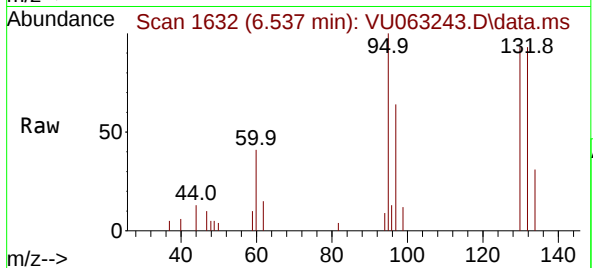
95 107.7 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#38

1,2-Dichloropropane

Concen: 0.343 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VU063243.D

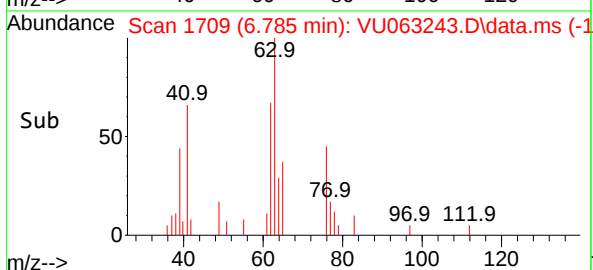
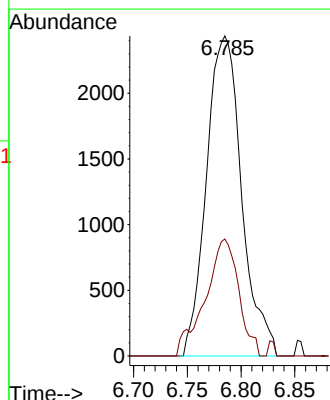
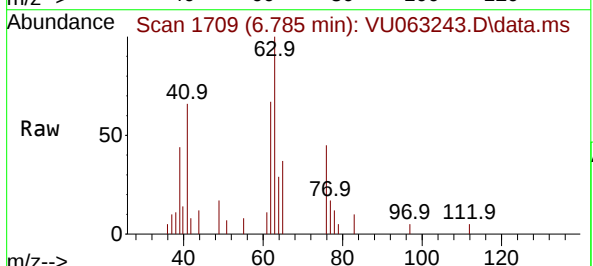
Acq: 11 Feb 2025 18:15

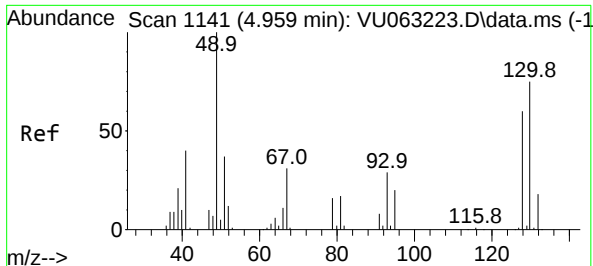
Tgt Ion: 63 Resp: 5547

Ion Ratio Lower Upper

63 100

65 36.5 25.3 37.9





#39

Methacrylonitrile

Concen: 0.317 ug/l m

RT: 5.010 min Scan# 1157

Delta R.T. 0.051 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

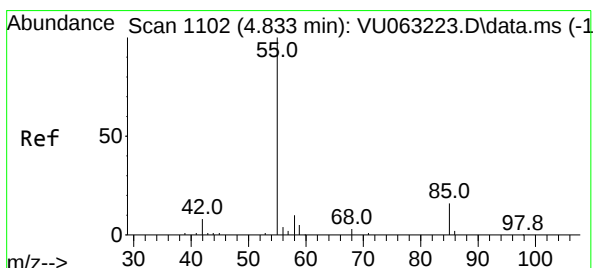
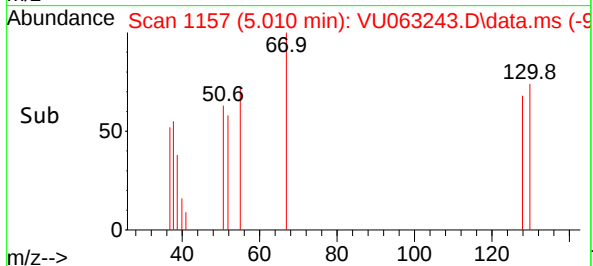
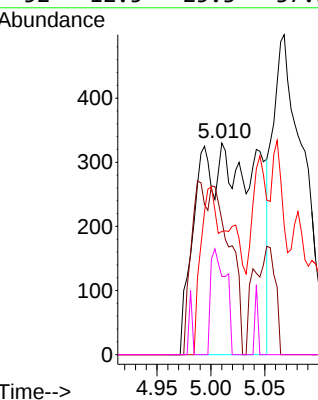
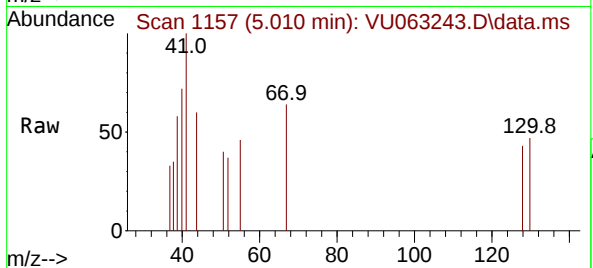
Tgt Ion:	41	Resp:	1284
Ion	Ratio	Lower	Upper
41	100		
67	22.3	64.5	96.7
39	24.7	43.0	64.6
52	12.5	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#40

Methyl acrylate

Concen: 0.313 ug/l m

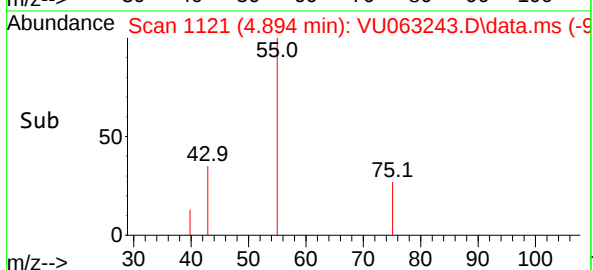
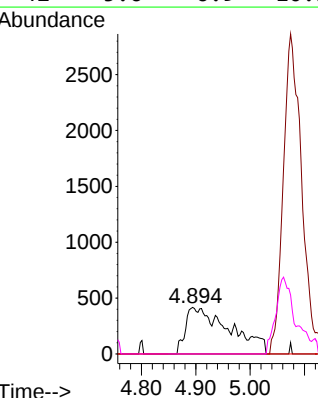
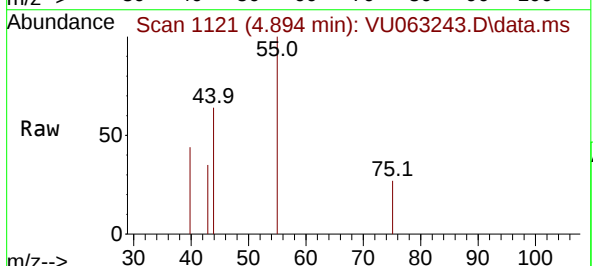
RT: 4.894 min Scan# 1121

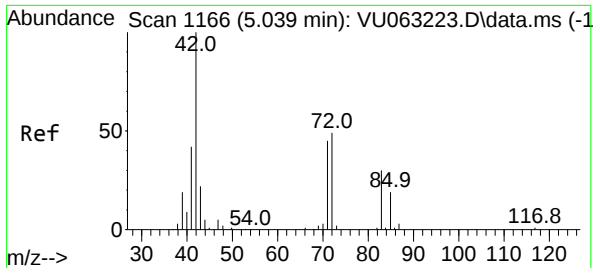
Delta R.T. 0.061 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

Tgt Ion:	55	Resp:	2337
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9
58	0.0	7.3	10.9
42	5.6	6.9	10.3





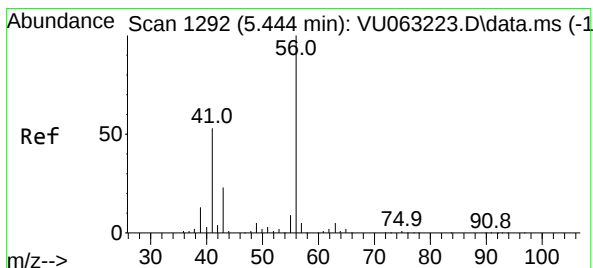
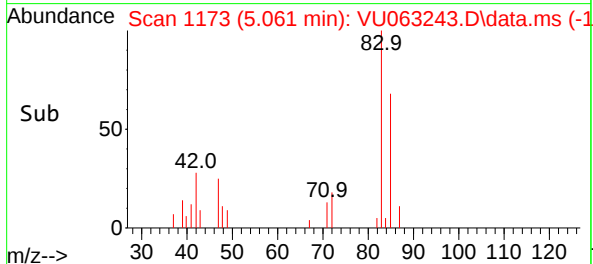
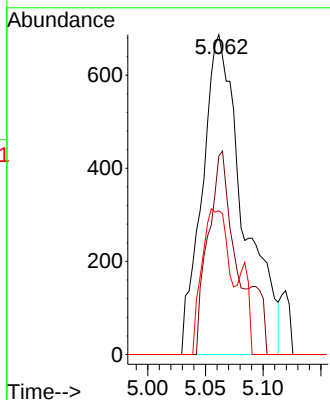
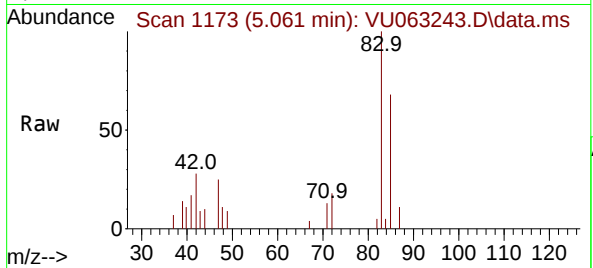
#41
Tetrahydrofuran
Concen: 0.724 ug/l
RT: 5.061 min Scan# 1166
Delta R.T. 0.022 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 42 Resp: 1700
Ion Ratio Lower Upper
42 100
72 38.5 41.5 62.3
71 29.2 37.2 55.8

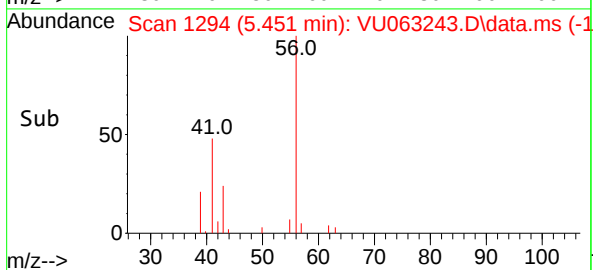
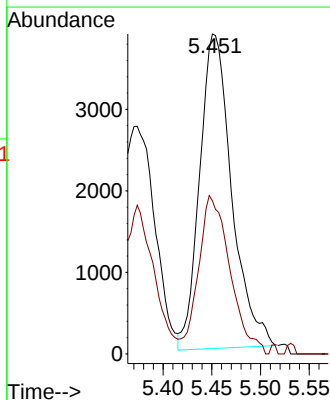
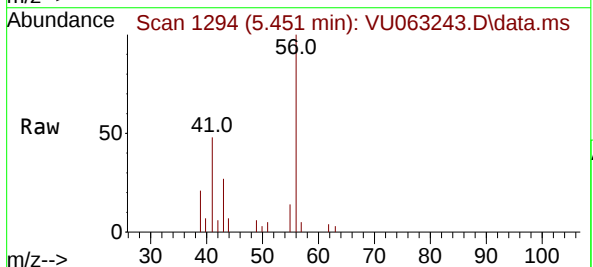
Manual Integrations
APPROVED

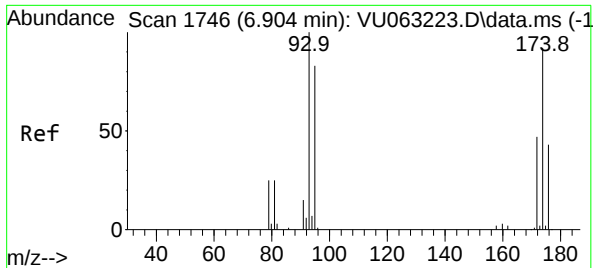
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#42
1-Chlorobutane
Concen: 0.321 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

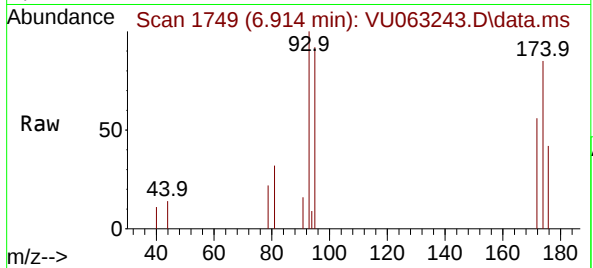
Tgt Ion: 56 Resp: 8833
Ion Ratio Lower Upper
56 100
41 49.3 26.3 78.8





#43
Dibromomethane
Concen: 0.324 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.010 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

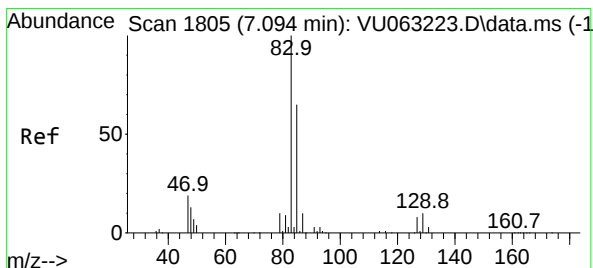
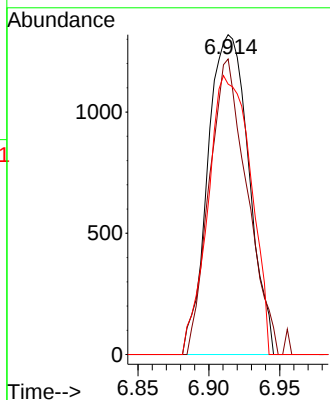
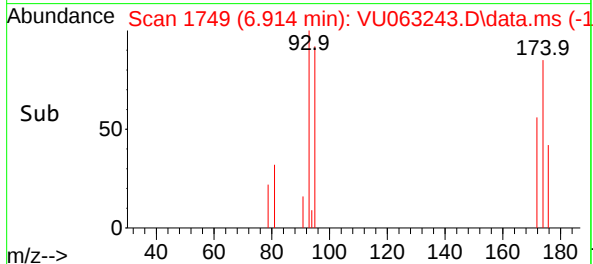
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



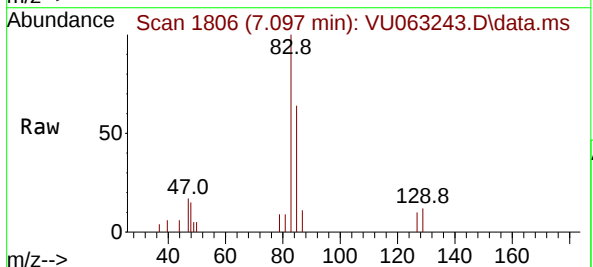
Tgt Ion: 93 Resp: 2658
Ion Ratio Lower Upper
93 100
95 85.3 67.2 100.8
174 90.6 75.7 113.5

Manual Integrations
APPROVED

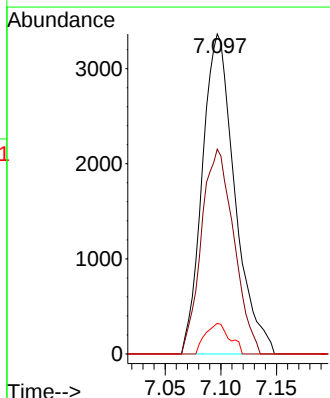
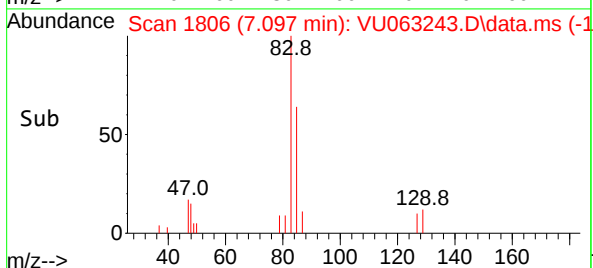
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

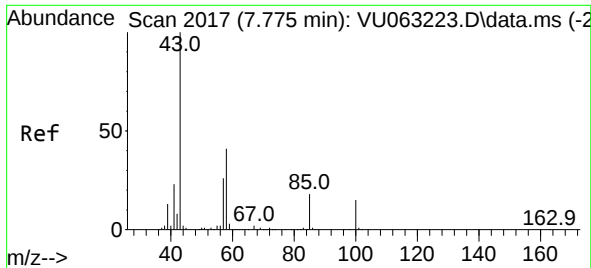


#44
Bromodichloromethane
Concen: 0.358 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15



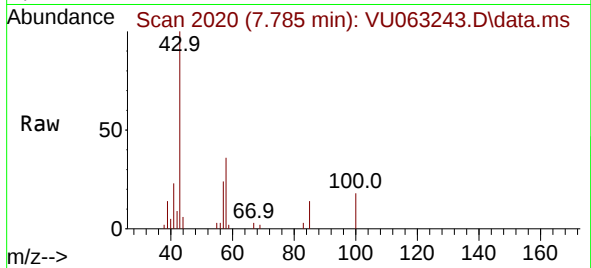
Tgt Ion: 83 Resp: 6826
Ion Ratio Lower Upper
83 100
85 64.0 51.7 77.5
127 9.6 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 1.426 ug/l
RT: 7.785 min Scan# 2017
Delta R.T. 0.010 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

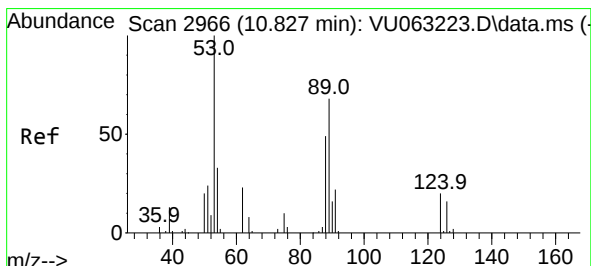
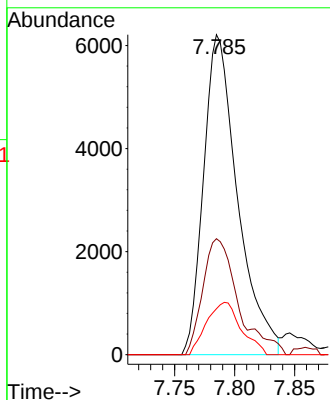
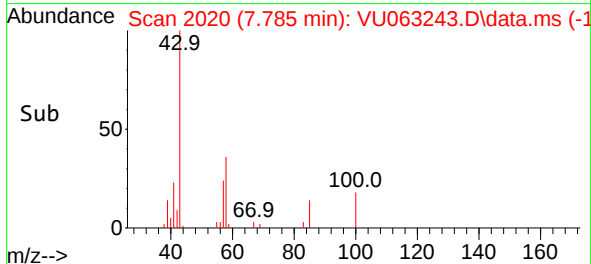
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 43 Resp: 1225
Ion Ratio Lower Upper
43 100
58 37.6 20.8 62.5
85 16.6 14.8 22.2

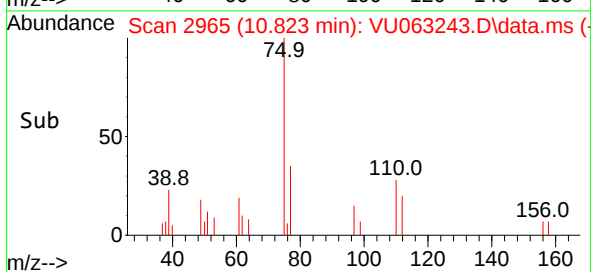
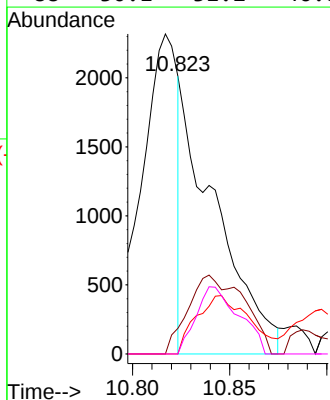
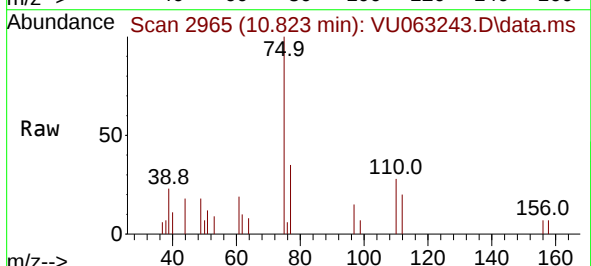
Manual Integrations
APPROVED

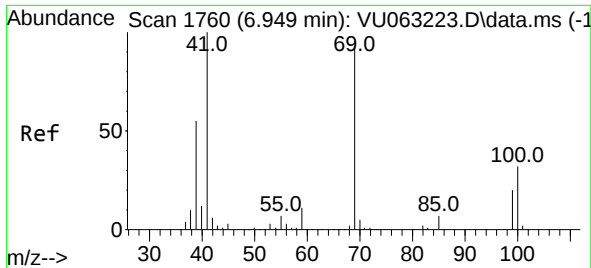
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 0.612 ug/l m
RT: 10.823 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

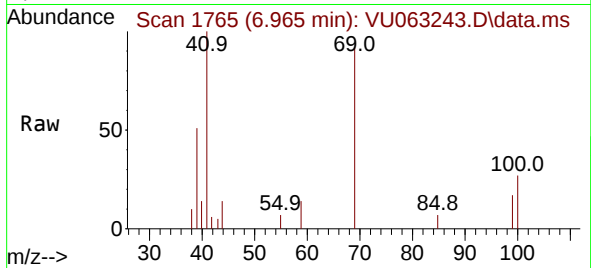
Tgt Ion: 75 Resp: 2473
Ion Ratio Lower Upper
75 100
53 46.3 64.5 96.7#
89 32.8 43.4 65.2#
88 30.1 31.2 46.8#





#47
Methyl methacrylate
Concen: 0.555 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.016 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

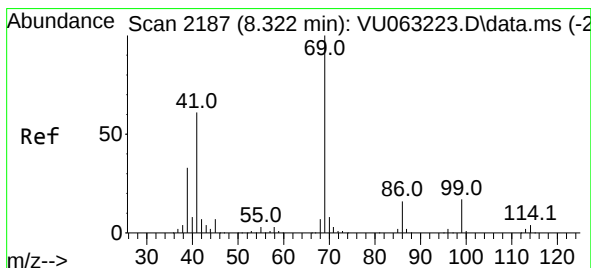
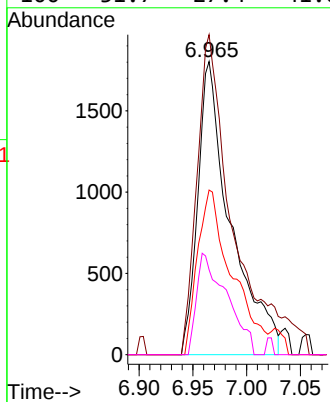
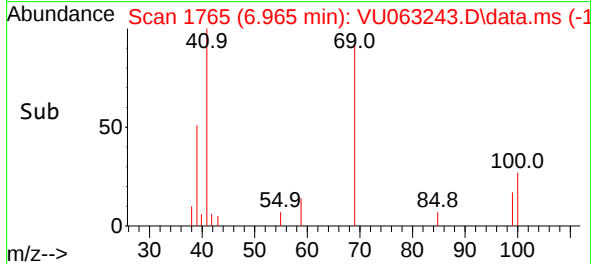
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 69 Resp: 383
Ion Ratio Lower Upper
69 100
41 121.0 0.0 217.0
39 59.1 47.7 71.5
100 31.7 27.4 41.0

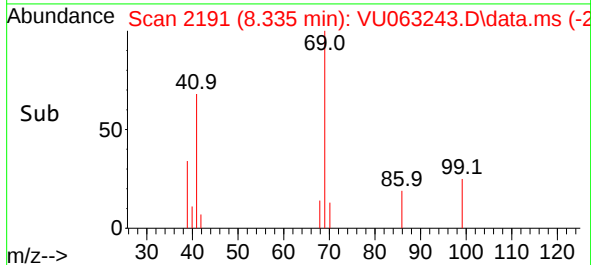
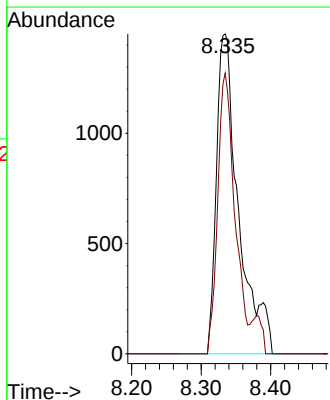
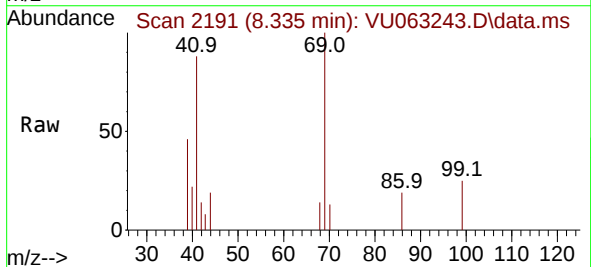
Manual Integrations
APPROVED

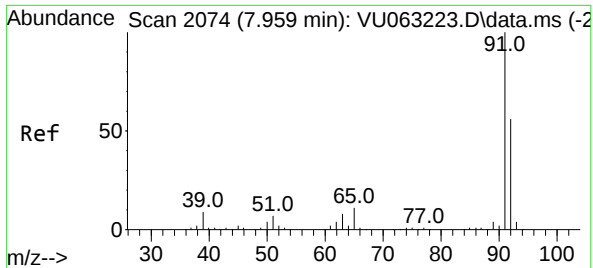
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#48
Ethyl methacrylate
Concen: 0.247 ug/l m
RT: 8.335 min Scan# 2191
Delta R.T. 0.013 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Tgt Ion: 69 Resp: 3206
Ion Ratio Lower Upper
69 100
41 68.2 30.6 92.0





#49

Toluene

Concen: 0.323 ug/l

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 92 Resp: 1146

Ion Ratio Lower Upper

92 100

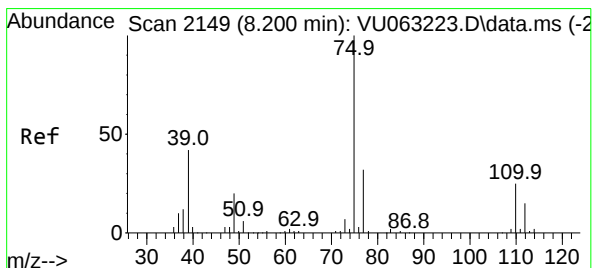
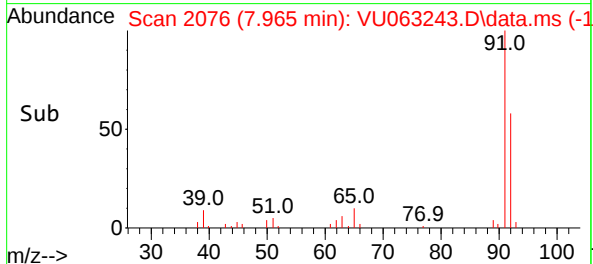
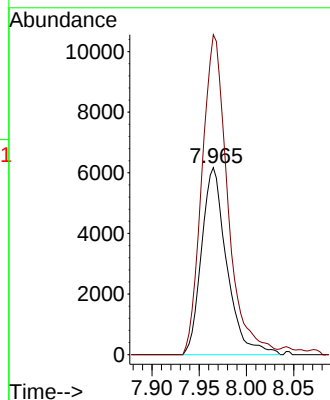
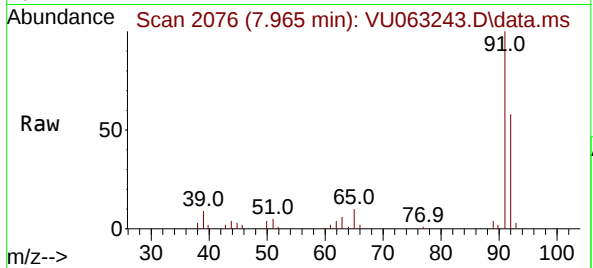
91 175.0 141.8 212.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#50

t-1,3-Dichloropropene

Concen: 0.310 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.010 min

Lab File: VU063243.D

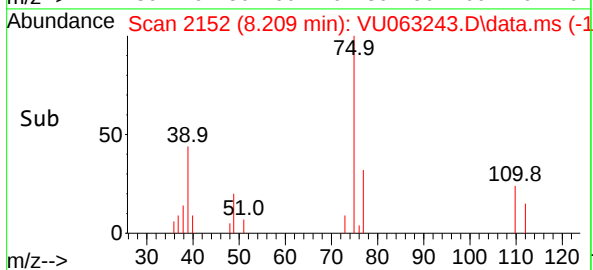
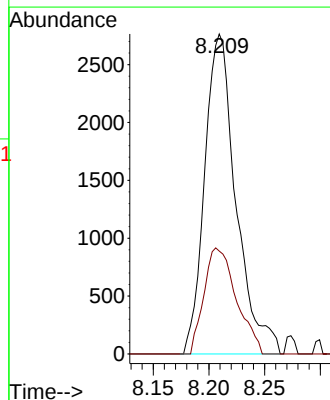
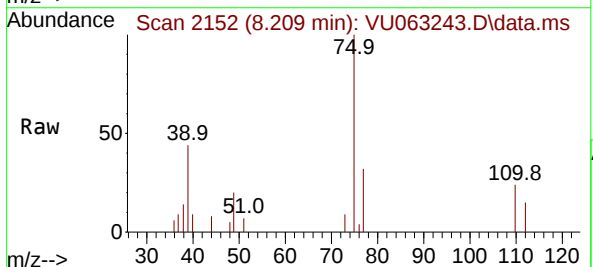
Acq: 11 Feb 2025 18:15

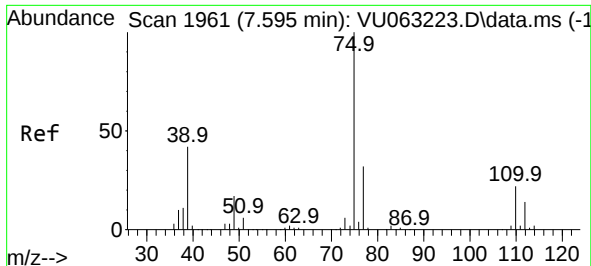
Tgt Ion: 75 Resp: 5411

Ion Ratio Lower Upper

75 100

77 32.2 25.9 38.9





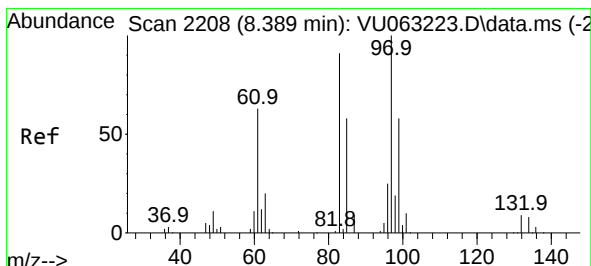
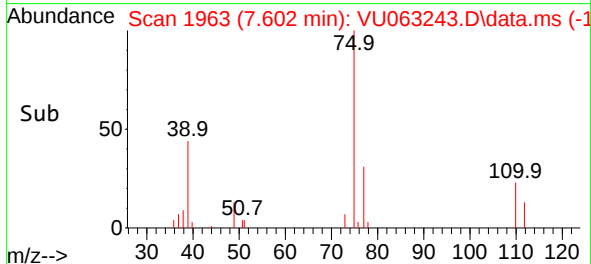
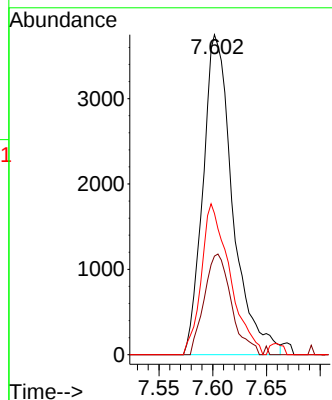
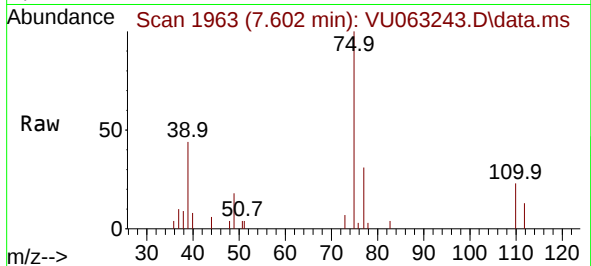
#51
 cis-1,3-Dichloropropene
 Concen: 0.334 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.006 min
 Lab File: VU063243.D
 Acq: 11 Feb 2025 18:15

Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 75 Resp: 720
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.3 37.9
 39 44.2 33.5 50.3

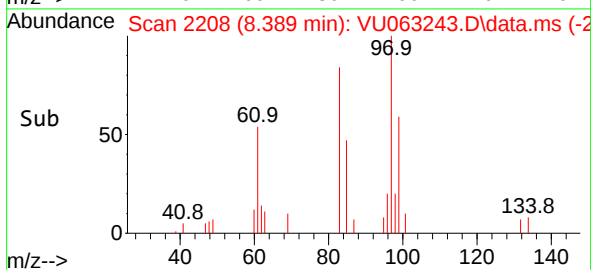
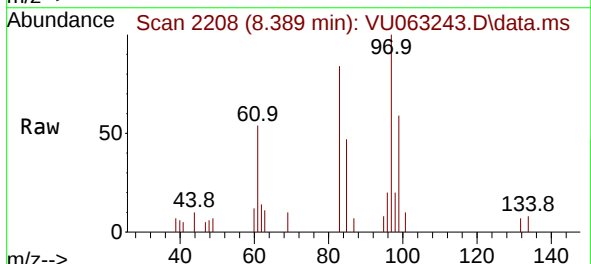
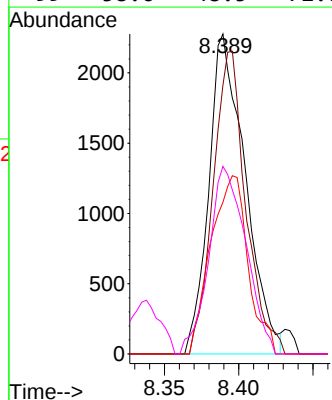
Manual Integrations
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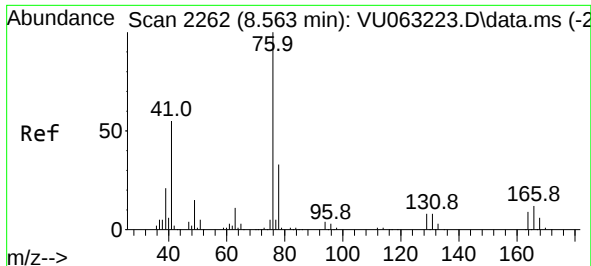
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.351 ug/l
 RT: 8.389 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: VU063243.D
 Acq: 11 Feb 2025 18:15

Tgt Ion: 97 Resp: 3877
 Ion Ratio Lower Upper
 97 100
 83 84.0 73.0 109.4
 85 47.4 46.3 69.5
 99 58.6 48.5 72.7





#53

1,3-Dichloropropane

Concen: 0.342 ug/l

RT: 8.569 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 76 Resp: 671

Ion Ratio Lower Upper

76 100

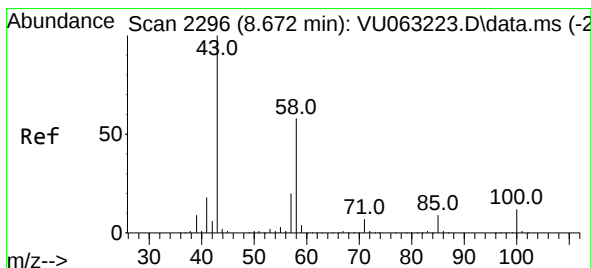
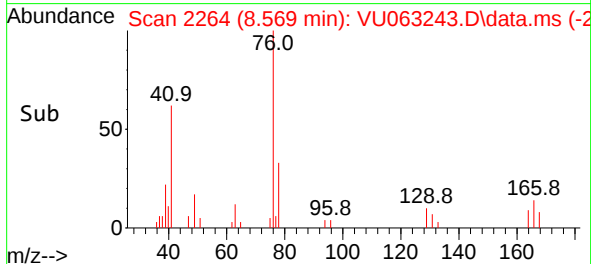
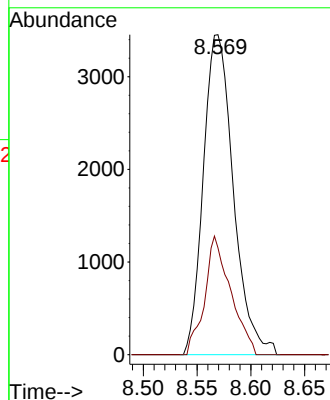
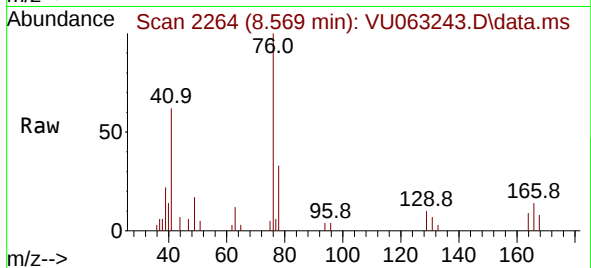
78 32.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#54

2-Hexanone

Concen: 1.388 ug/l m

RT: 8.688 min Scan# 2301

Delta R.T. 0.016 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

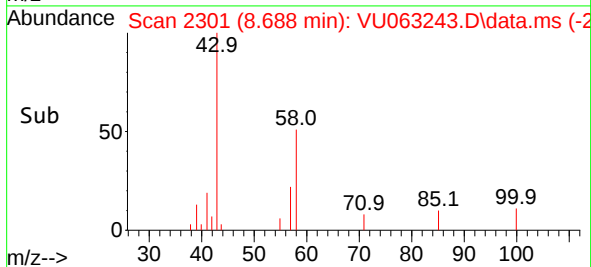
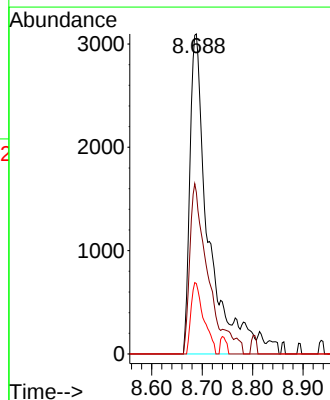
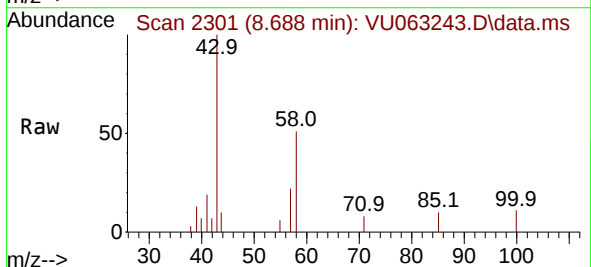
Tgt Ion: 43 Resp: 8139

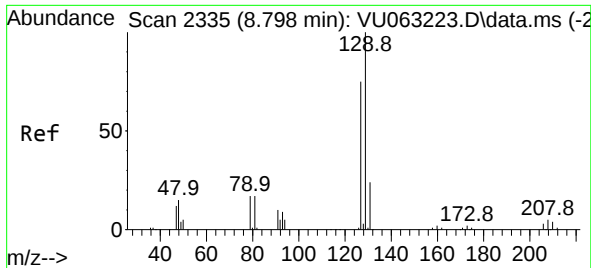
Ion Ratio Lower Upper

43 100

58 45.5 38.0 78.0

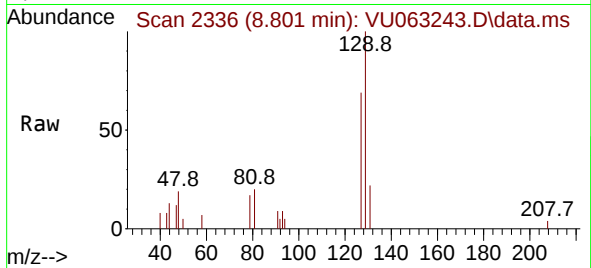
57 14.9 0.0 39.1





#55
Dibromochloromethane
Concen: 0.344 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

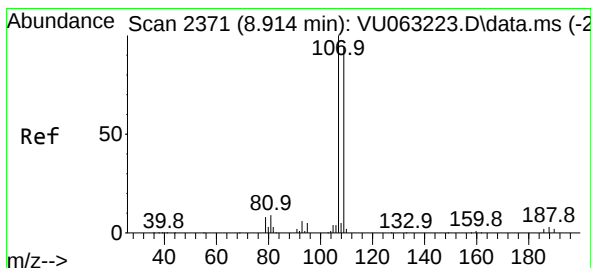
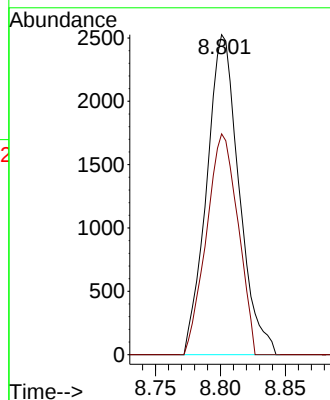
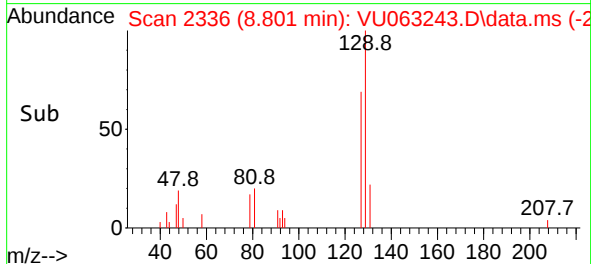
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:129 Resp: 4368
Ion Ratio Lower Upper
129 100
127 67.2 60.4 90.6

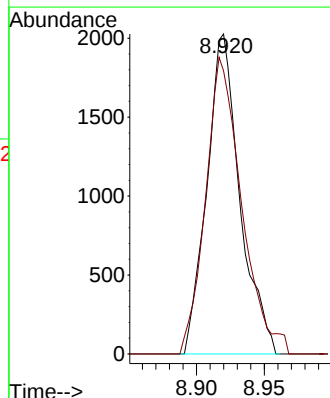
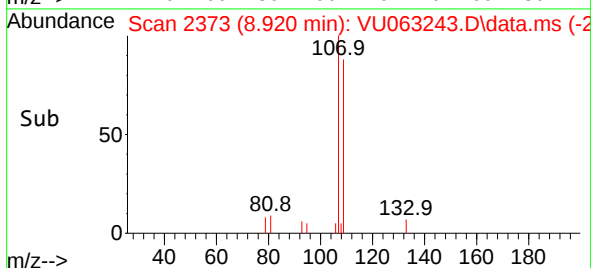
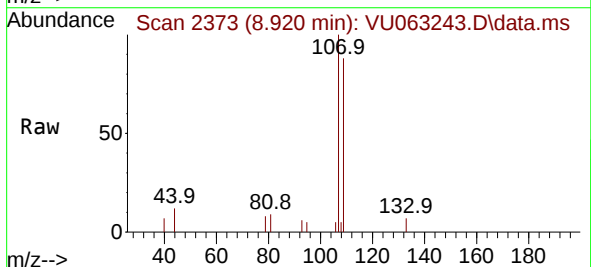
Manual Integrations
APPROVED

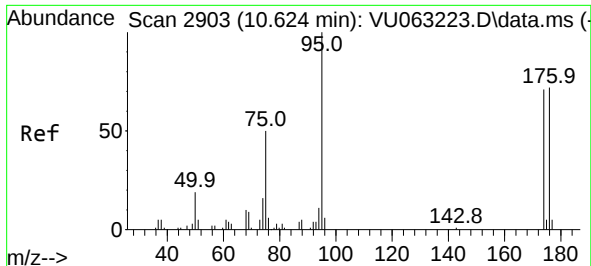
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#56
1,2-Dibromoethane
Concen: 0.330 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.006 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

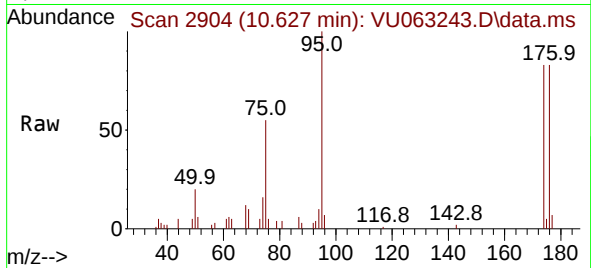
Tgt Ion:107 Resp: 3424
Ion Ratio Lower Upper
107 100
109 101.3 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 0.867 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

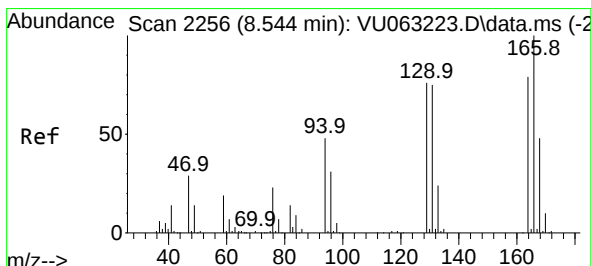
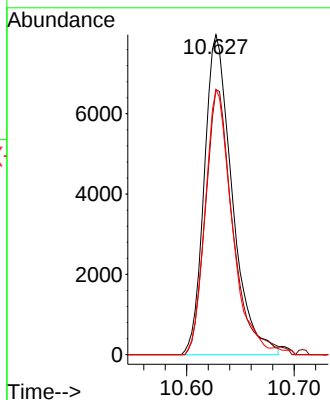
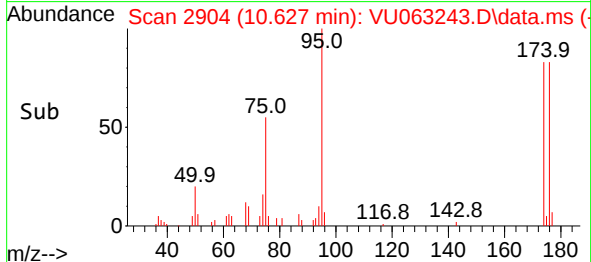
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 95 Resp: 1438
Ion Ratio Lower Upper
95 100
174 81.9 58.6 88.0
176 80.6 58.2 87.4

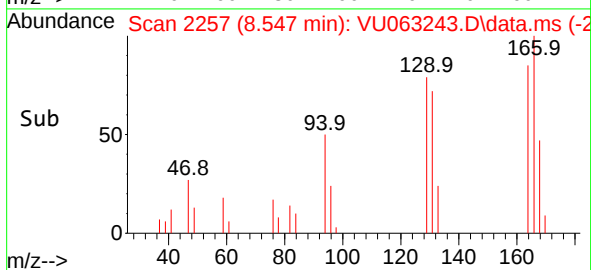
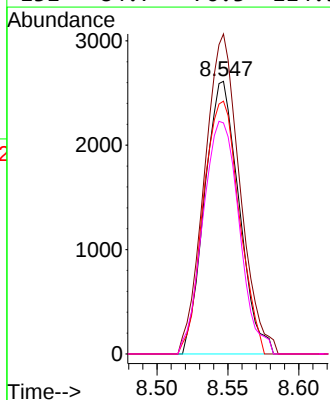
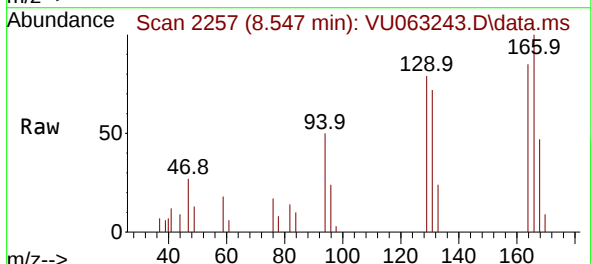
Manual Integrations
APPROVED

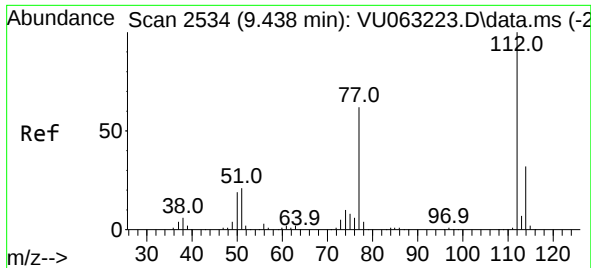
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#58
Tetrachloroethene
Concen: 0.364 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Tgt Ion:164 Resp: 4411
Ion Ratio Lower Upper
164 100
166 117.3 101.4 152.0
129 92.7 77.0 115.4
131 84.7 76.3 114.5





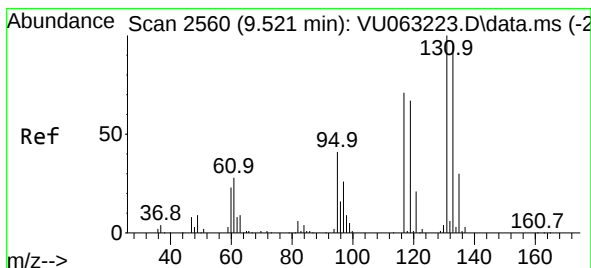
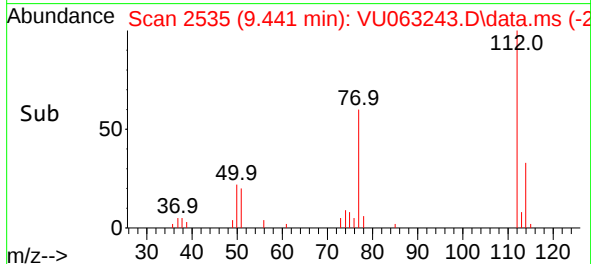
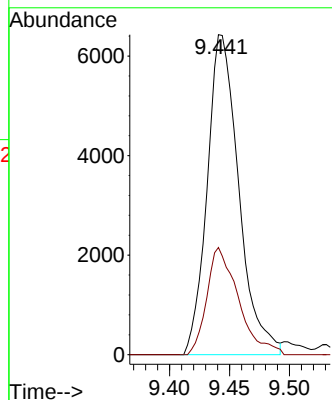
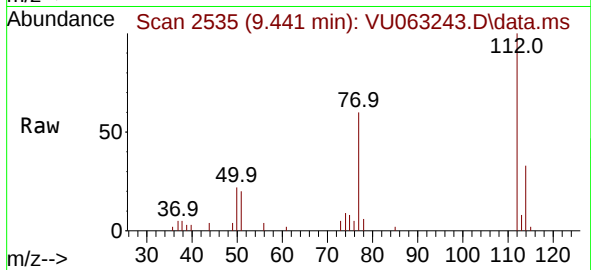
#59
Chlorobenzene
Concen: 0.314 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:112 Resp: 11790
Ion Ratio Lower Upper
112 100
114 33.5 25.7 38.5

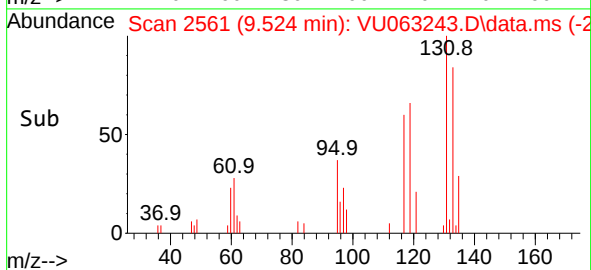
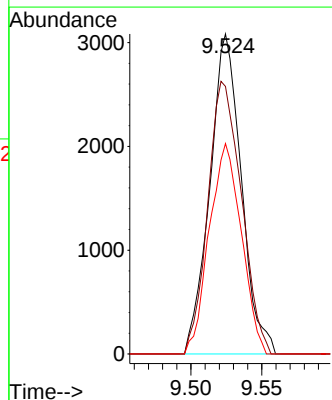
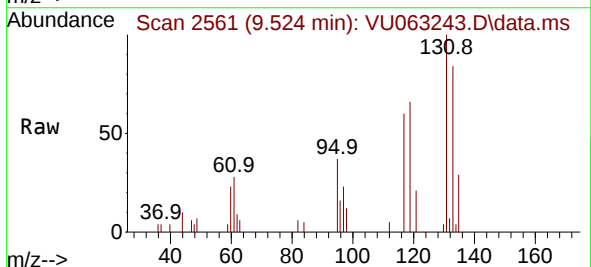
Manual Integrations
APPROVED

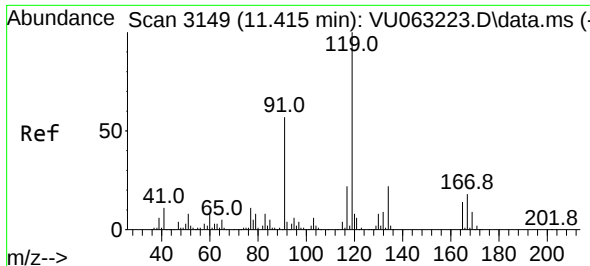
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.353 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Tgt Ion:131 Resp: 4764
Ion Ratio Lower Upper
131 100
133 90.8 76.7 115.1
119 67.1 54.4 81.6





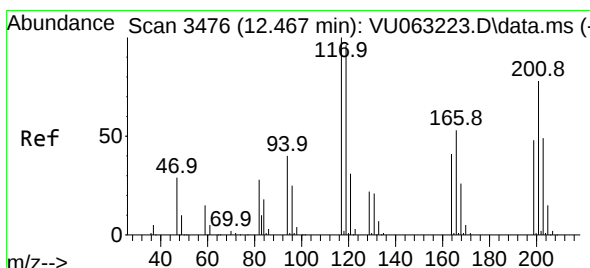
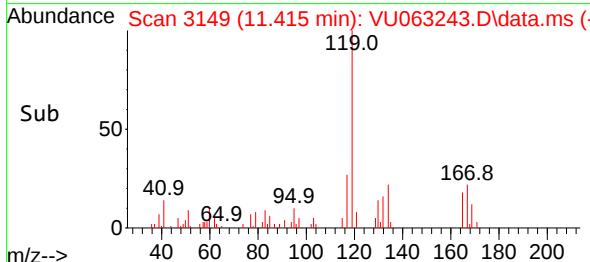
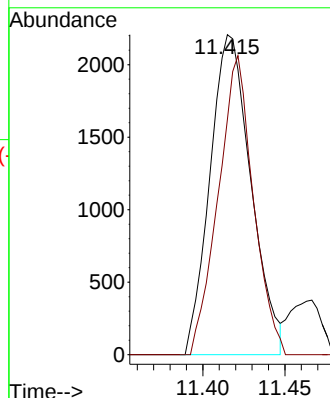
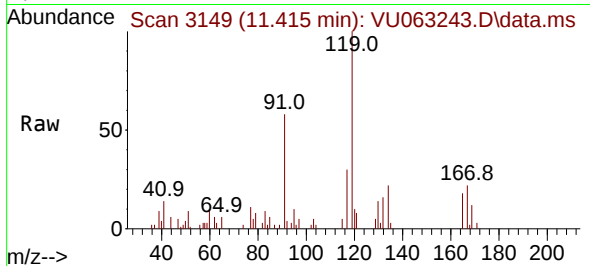
#61
Pentachloroethane
Concen: 0.318 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:117 Resp: 383
Ion Ratio Lower Upper
117 100
167 79.8 65.0 97.6

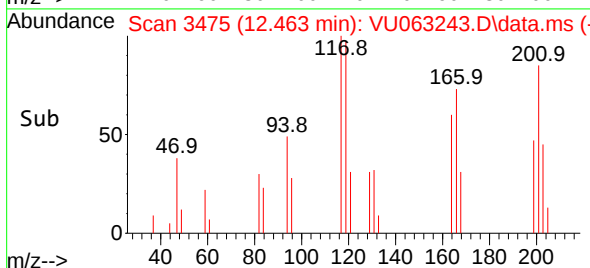
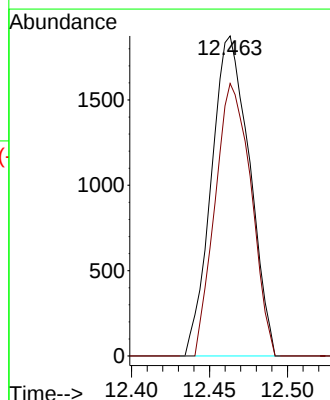
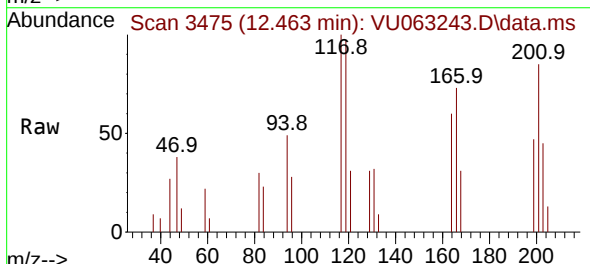
Manual Integrations
APPROVED

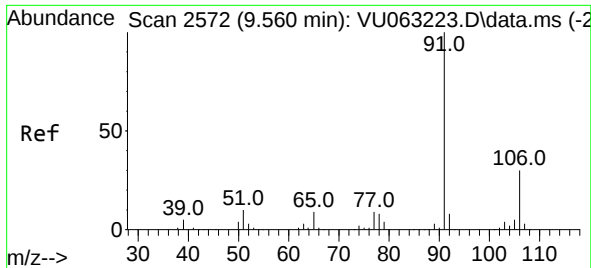
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#62
Hexachloroethane
Concen: 0.299 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Tgt Ion:117 Resp: 3192
Ion Ratio Lower Upper
117 100
201 80.2 61.3 91.9





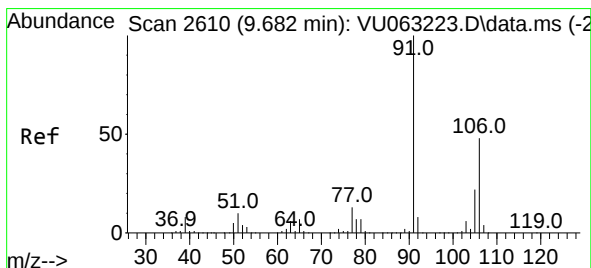
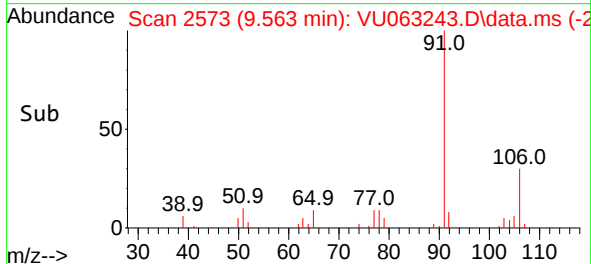
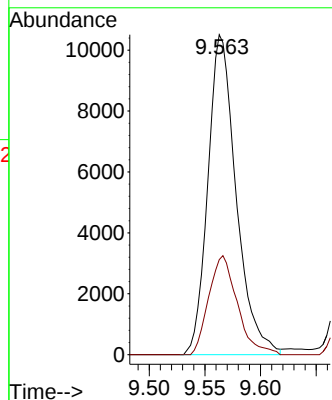
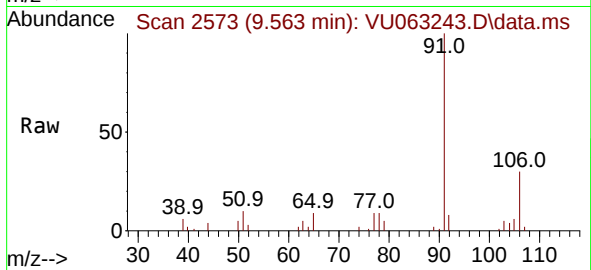
#63
Ethyl Benzene
Concen: 0.287 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 91 Resp: 1855
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2

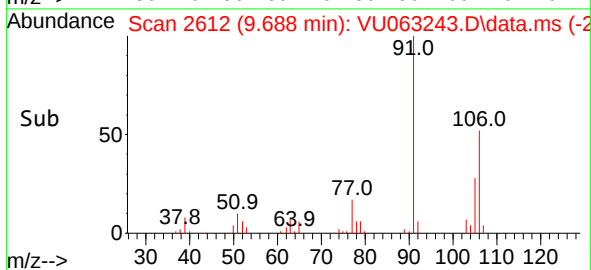
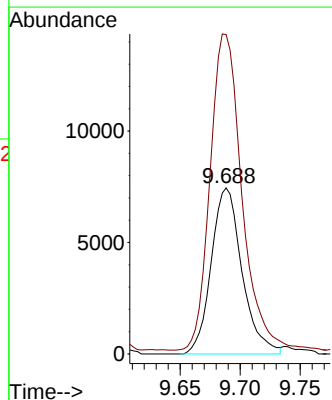
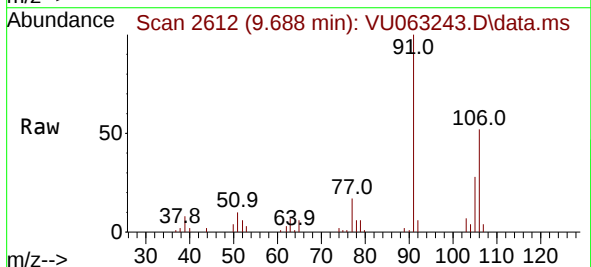
Manual Integrations
APPROVED

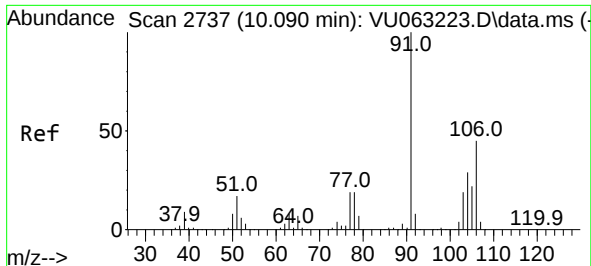
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#64
m/p-Xylenes
Concen: 0.550 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.006 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Tgt Ion:106 Resp: 13289
Ion Ratio Lower Upper
106 100
91 197.2 166.9 250.3





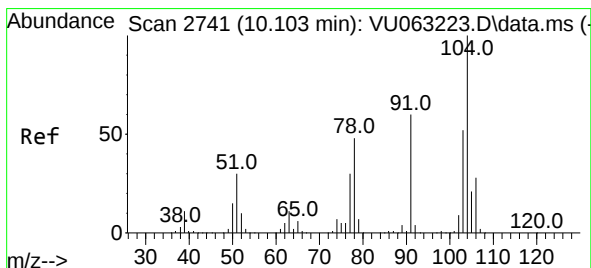
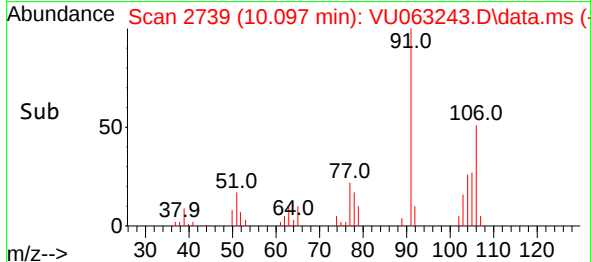
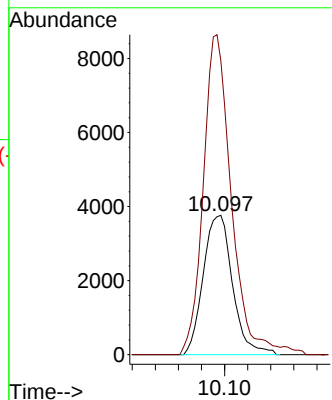
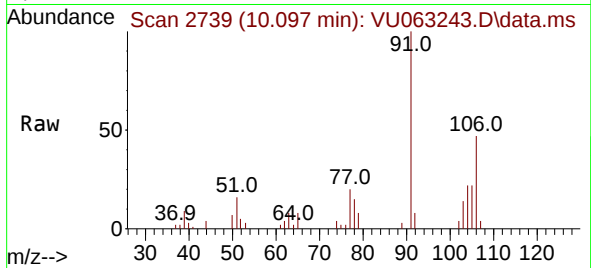
#65
o-Xylene
Concen: 0.280 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:106 Resp: 6620
Ion Ratio Lower Upper
106 100
91 220.6 110.9 332.9

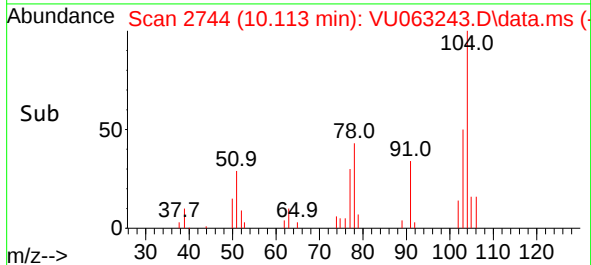
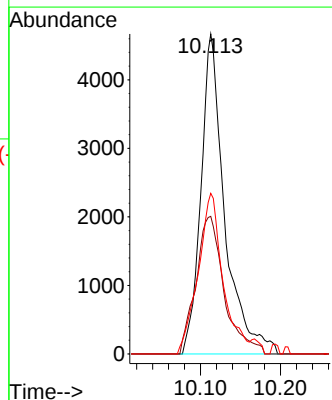
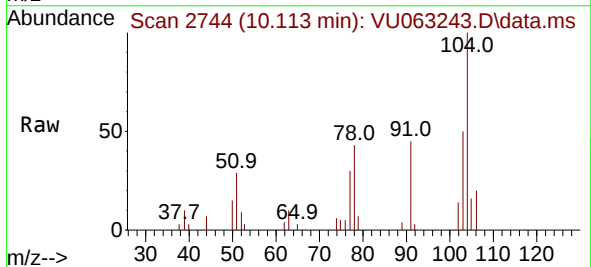
Manual Integrations
APPROVED

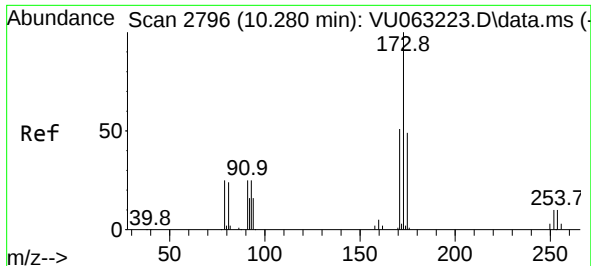
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#66
Styrene
Concen: 0.256 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.010 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

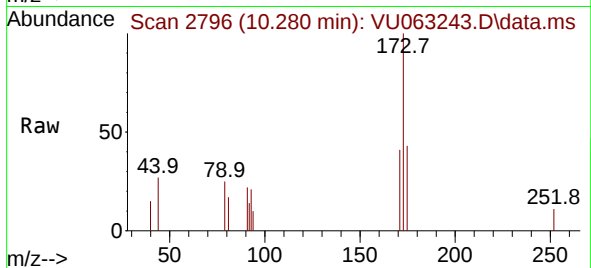
Tgt Ion:104 Resp: 9641
Ion Ratio Lower Upper
104 100
78 51.1 41.2 61.8
103 52.5 44.8 67.2





#67
Bromoform
Concen: 0.330 ug/l
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

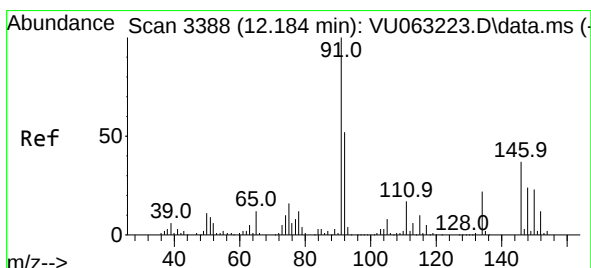
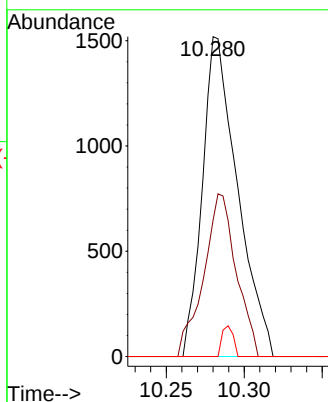
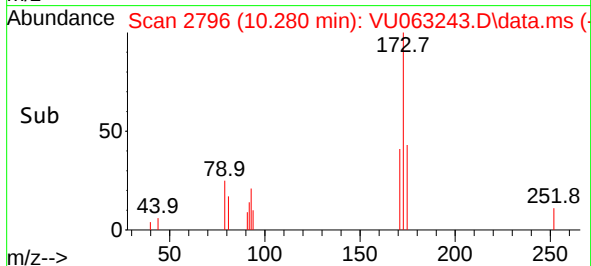
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



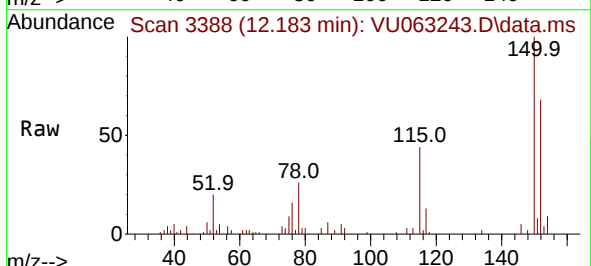
Tgt Ion:173 Resp: 2378
Ion Ratio Lower Upper
173 100
175 47.2 39.0 58.4
254 3.1 7.7 11.5

Manual Integrations
APPROVED

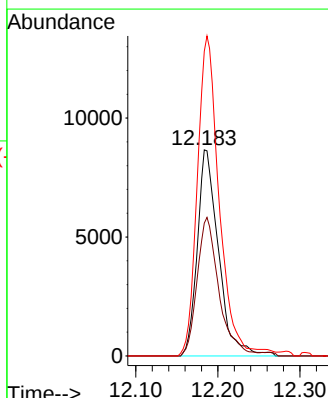
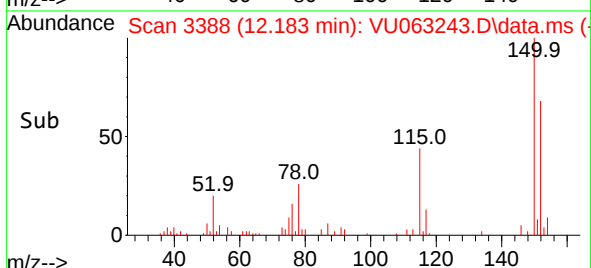
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

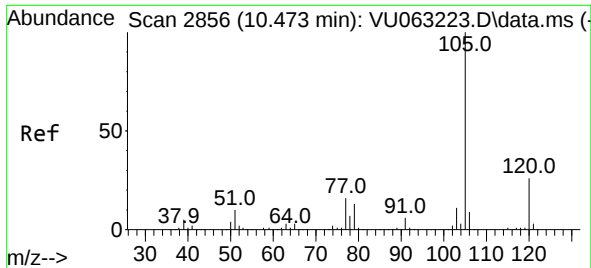


#68
1,2-Dichlorobenzene-d4
Concen: 0.903 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15



Tgt Ion:152 Resp: 15582
Ion Ratio Lower Upper
152 100
115 69.2 0.0 275.2
150 160.6 0.0 658.4





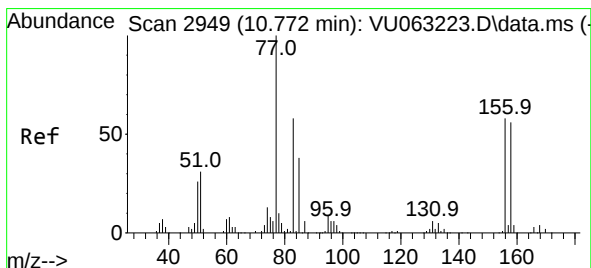
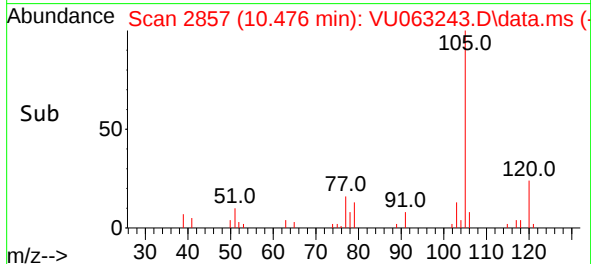
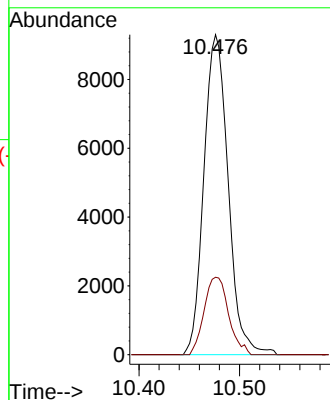
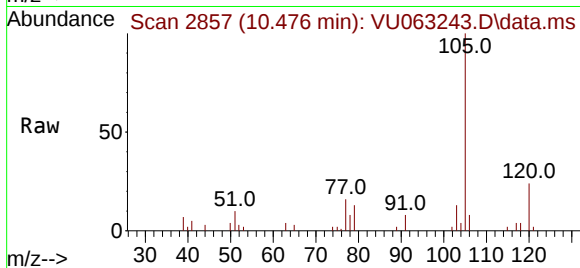
#69
Isopropylbenzene
Concen: 0.280 ug/l
RT: 10.476 min Scan# 2856
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:105 Resp: 15598
Ion Ratio Lower Upper
105 100
120 24.4 12.8 38.4

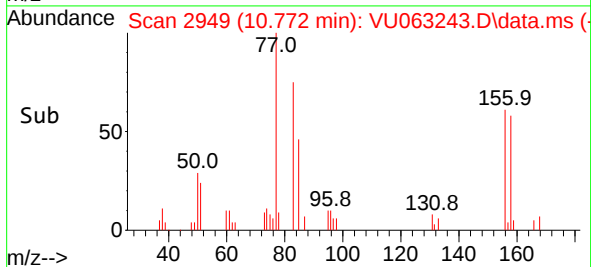
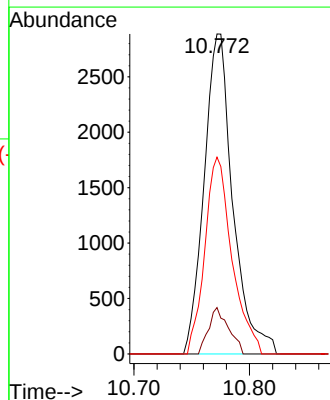
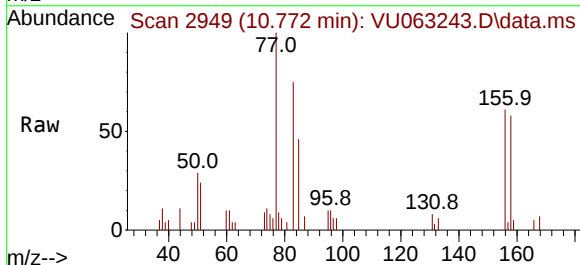
Manual Integrations
APPROVED

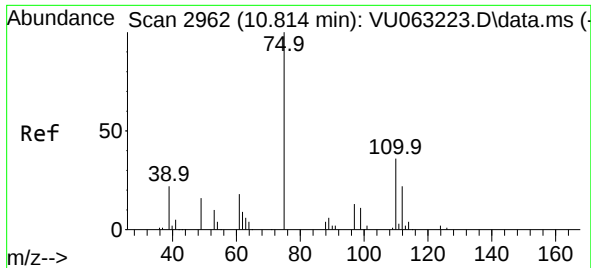
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 0.335 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

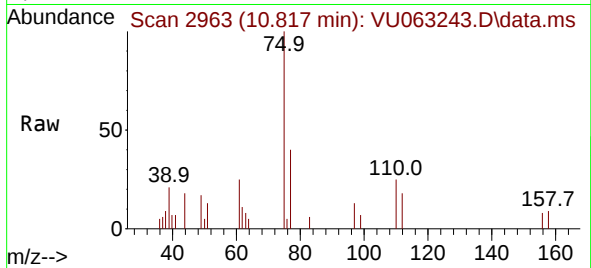
Tgt Ion: 83 Resp: 4984
Ion Ratio Lower Upper
83 100
131 10.1 7.4 11.0
85 58.0 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 0.376 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

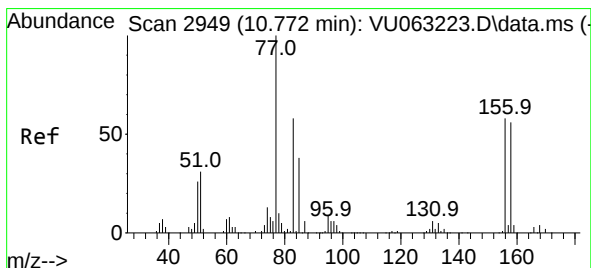
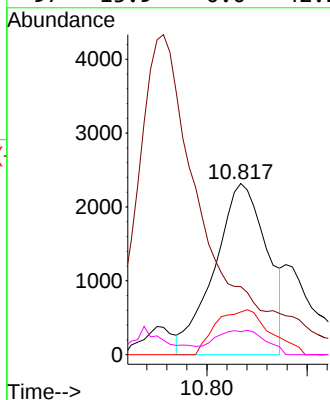
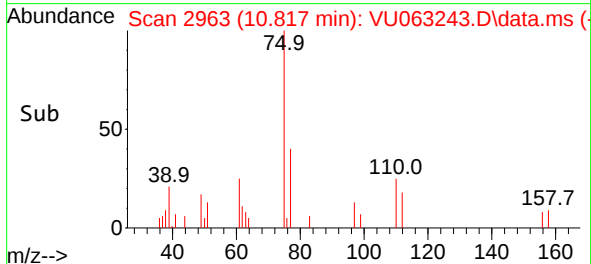
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



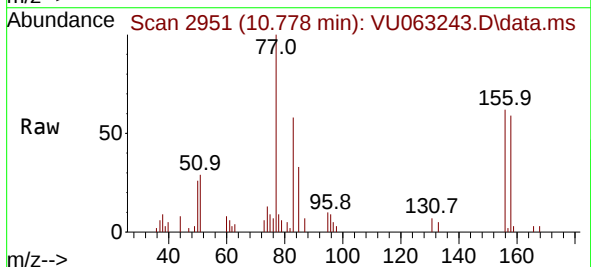
Tgt Ion: 75 Resp: 420
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 27.1 0.0 77.0
97 13.9 0.0 42.2

Manual Integrations
APPROVED

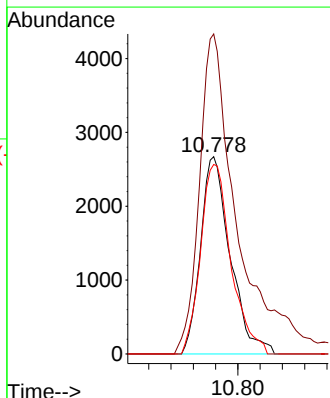
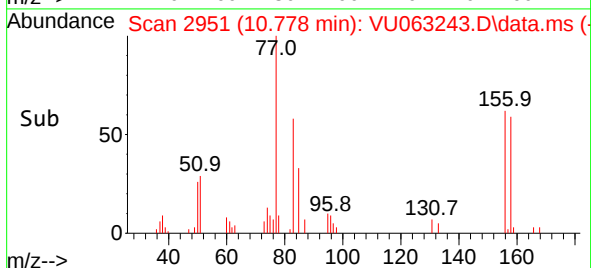
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

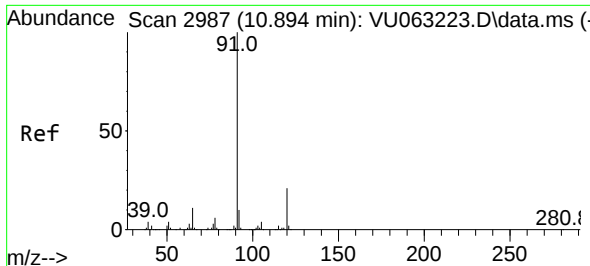


#72
Bromobenzene
Concen: 0.330 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15



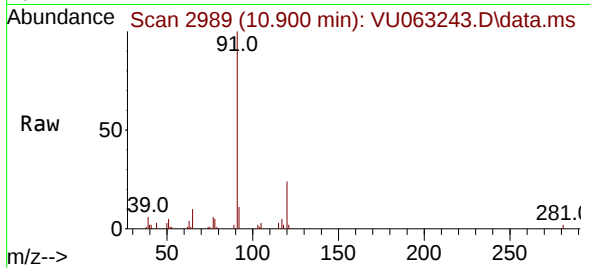
Tgt Ion:156 Resp: 4949
Ion Ratio Lower Upper
156 100
77 207.1 0.0 343.6
158 98.3 0.0 193.0





#73
n-propylbenzene
Concen: 0.281 ug/l
RT: 10.900 min Scan# 2987
Delta R.T. 0.006 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

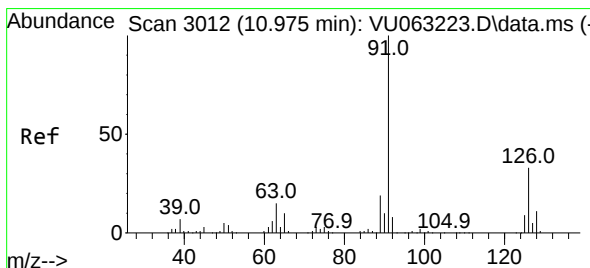
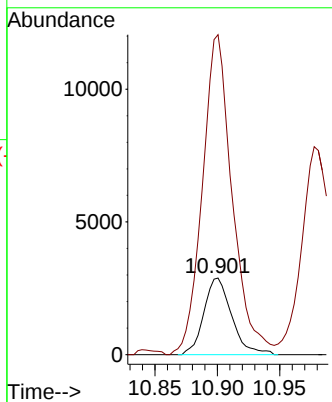
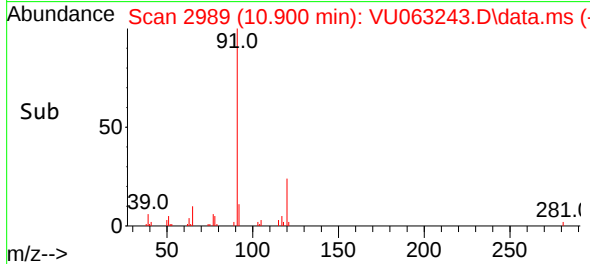
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:120 Resp: 4474
Ion Ratio Lower Upper
120 100
91 449.5 369.8 554.6

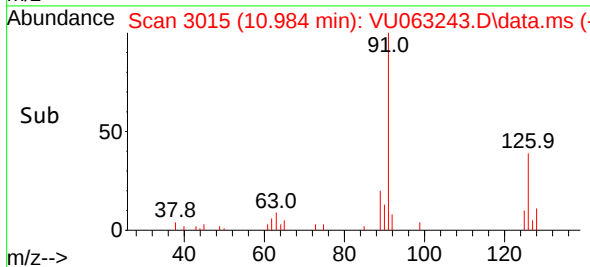
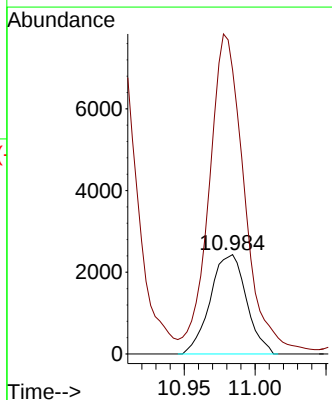
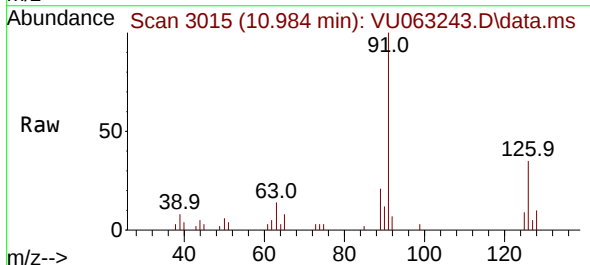
Manual Integrations
APPROVED

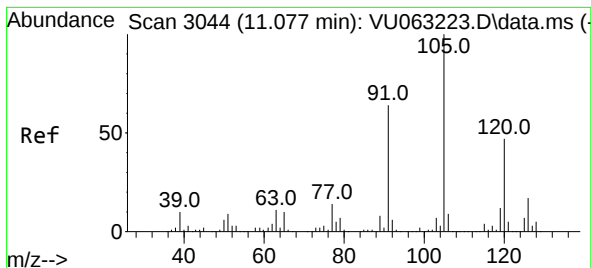
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#74
2-Chlorotoluene
Concen: 0.294 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.009 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Tgt Ion:126 Resp: 4308
Ion Ratio Lower Upper
126 100
91 305.4 0.0 623.8





#75

1,3,5-Trimethylbenzene

Concen: 0.250 ug/l

RT: 11.081 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:105 Resp: 1286

Ion Ratio Lower Upper

105 100

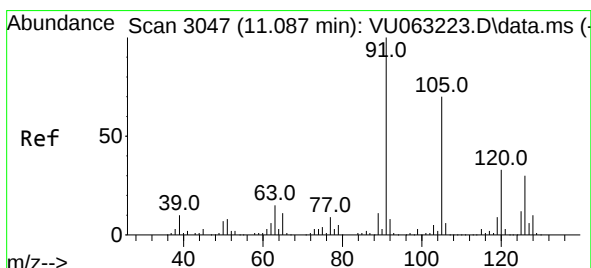
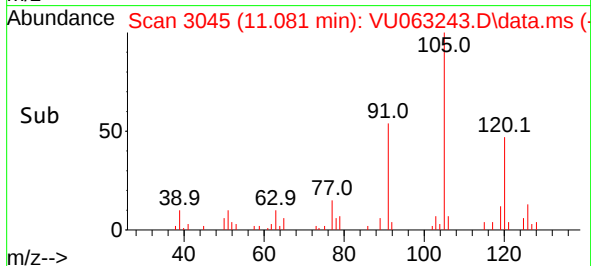
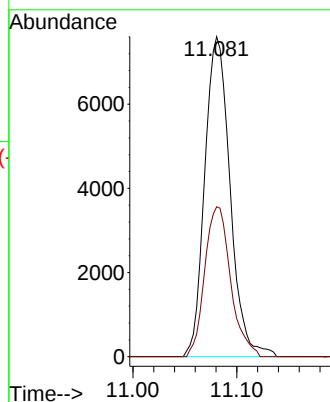
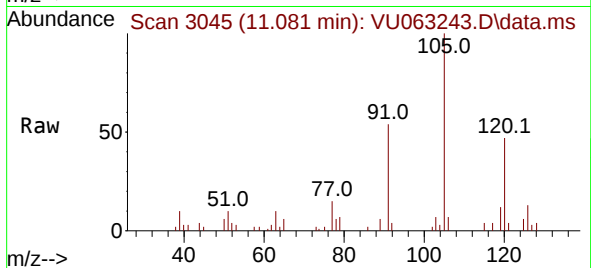
120 47.8 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#76

4-Chlorotoluene

Concen: 0.270 ug/l

RT: 11.093 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VU063243.D

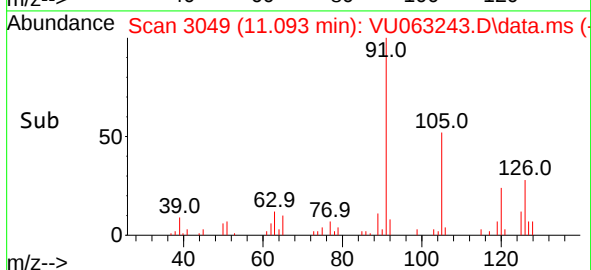
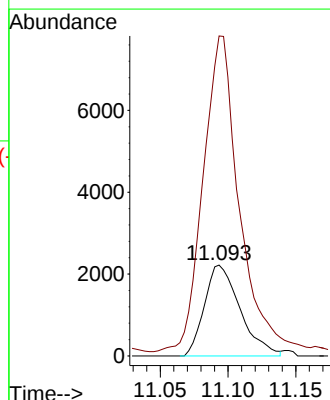
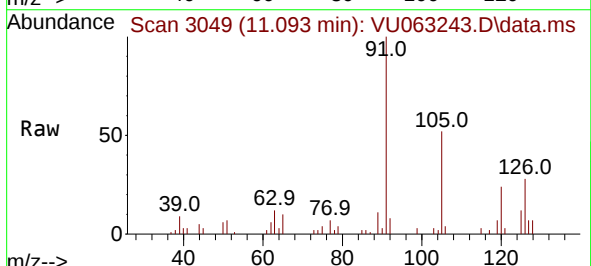
Acq: 11 Feb 2025 18:15

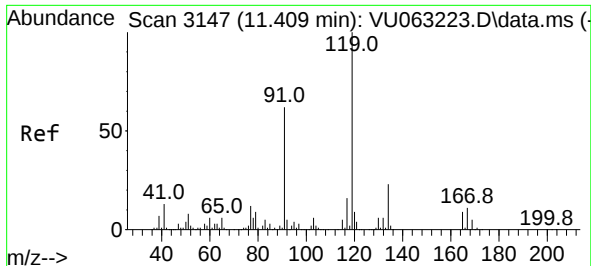
Tgt Ion:126 Resp: 4067

Ion Ratio Lower Upper

126 100

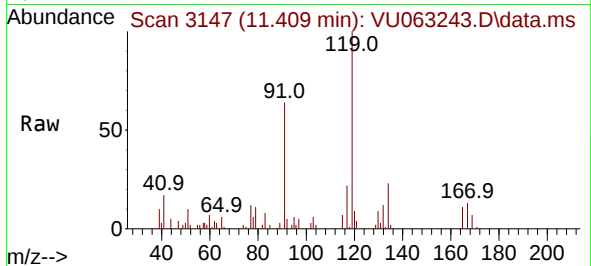
91 351.8 0.0 703.6





#77
tert-Butylbenzene
Concen: 0.278 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

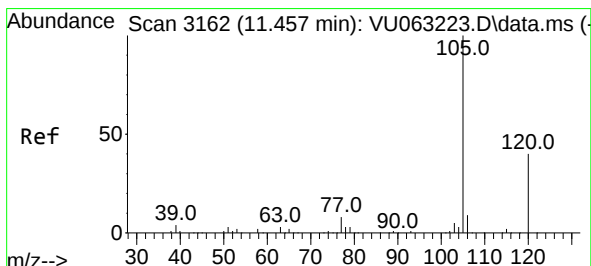
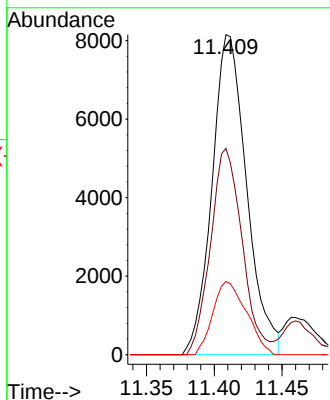
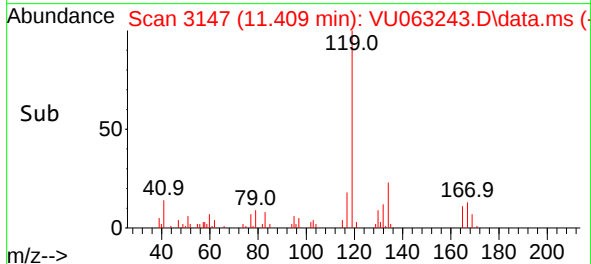
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



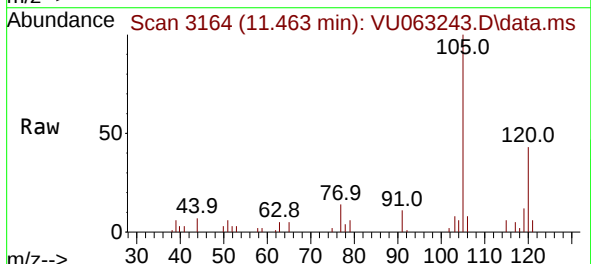
Tgt Ion:119 Resp: 14489
Ion Ratio Lower Upper
119 100
91 58.7 29.4 88.3
134 22.1 17.6 26.4

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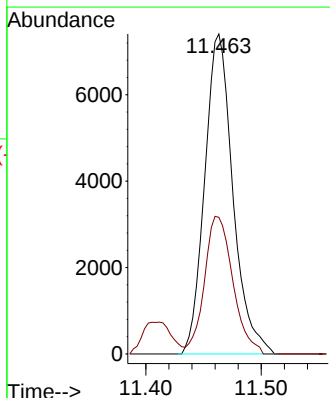
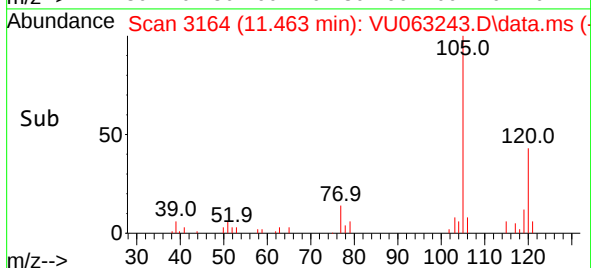
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

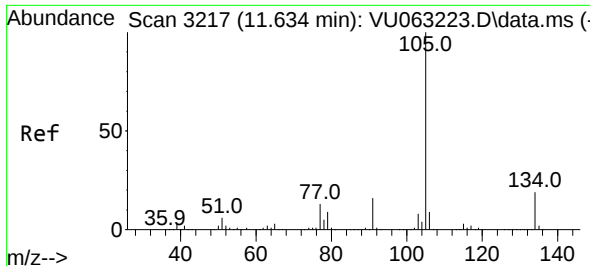


#78
1,2,4-Trimethylbenzene
Concen: 0.246 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15



Tgt Ion:105 Resp: 12578
Ion Ratio Lower Upper
105 100
120 43.2 21.9 65.7





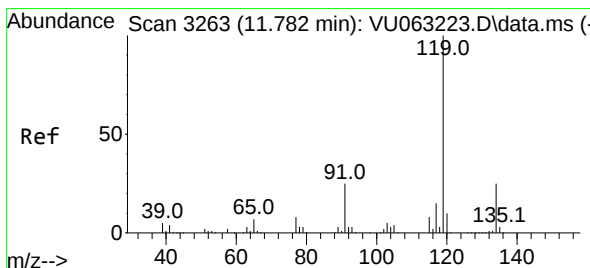
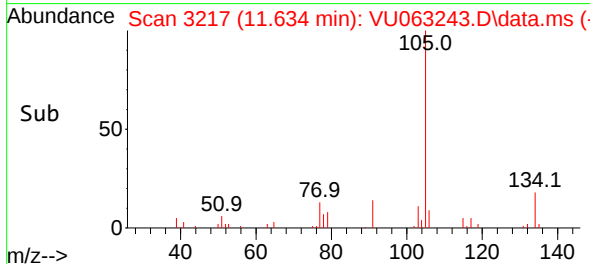
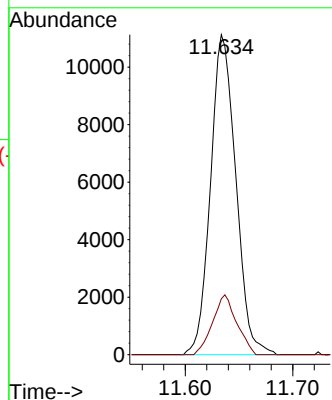
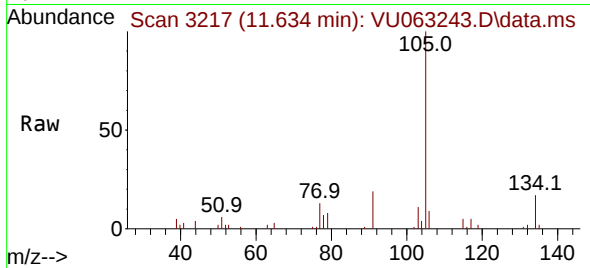
#79
 sec-Butylbenzene
 Concen: 0.274 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063243.D
 Acq: 11 Feb 2025 18:15

Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Tgt Ion:105 Resp: 1818
 Ion Ratio Lower Upper
 105 100
 134 17.8 15.1 22.7

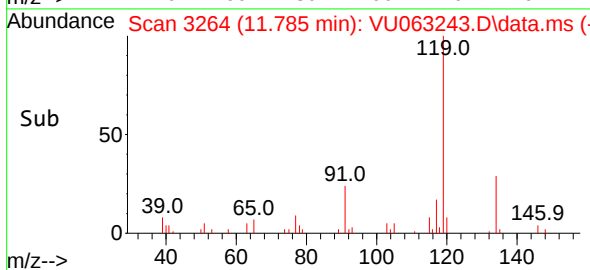
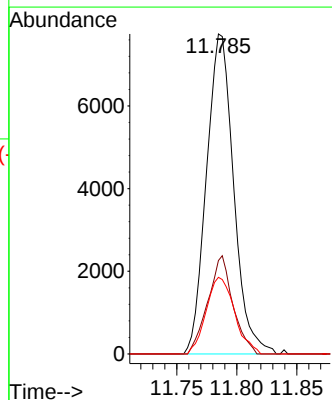
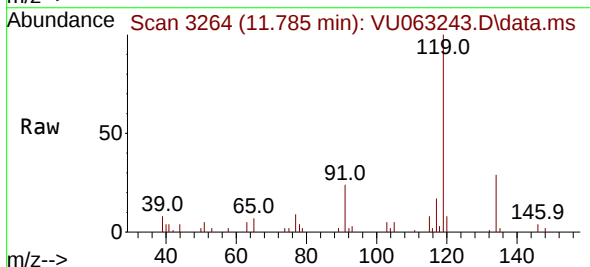
Manual Integrations
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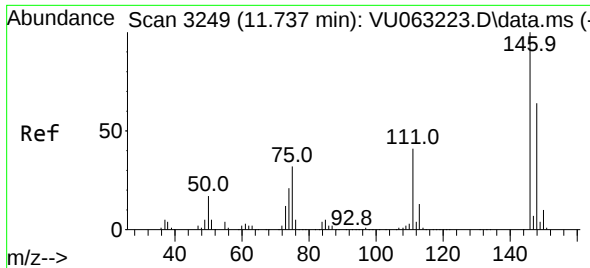
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#81
 p-Isopropyltoluene
 Concen: 0.233 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. 0.003 min
 Lab File: VU063243.D
 Acq: 11 Feb 2025 18:15

Tgt Ion:119 Resp: 12217
 Ion Ratio Lower Upper
 119 100
 134 28.1 20.3 30.5
 91 25.0 19.4 29.2





#82

1,3-Dichlorobenzene

Concen: 0.308 ug/l

RT: 11.743 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:146 Resp: 8964

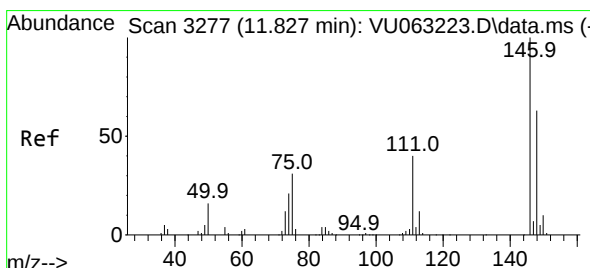
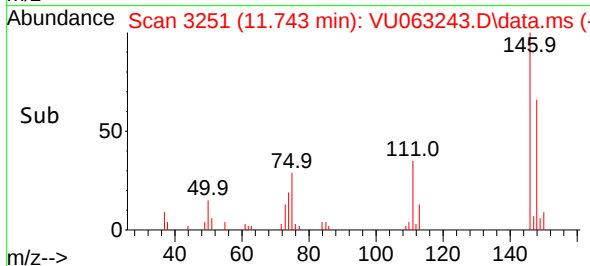
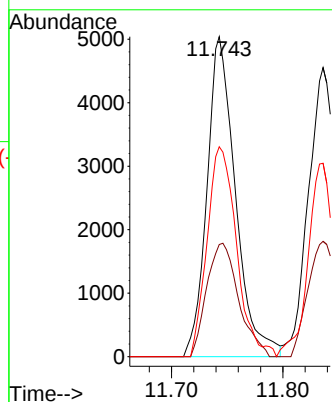
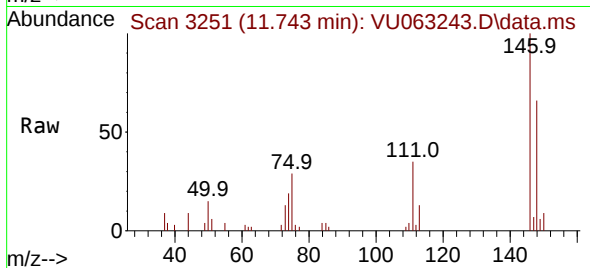
Ion	Ratio	Lower	Upper
146	100		
111	39.7	32.8	49.2
148	67.5	51.1	76.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#83

1,4-Dichlorobenzene

Concen: 0.313 ug/l

RT: 11.836 min Scan# 3280

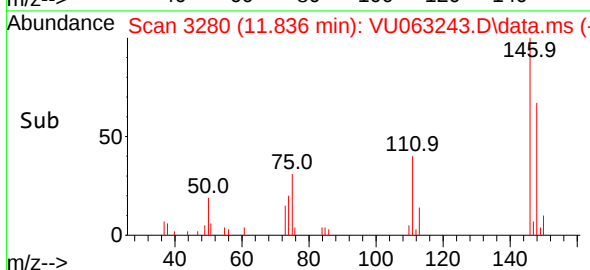
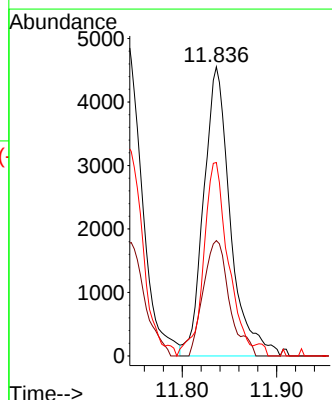
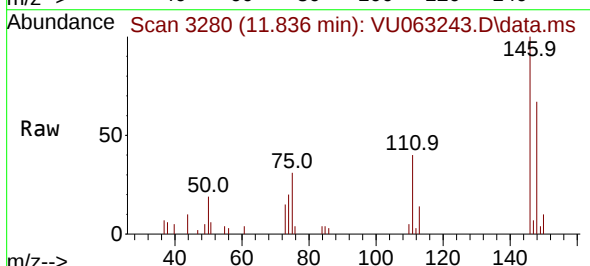
Delta R.T. 0.009 min

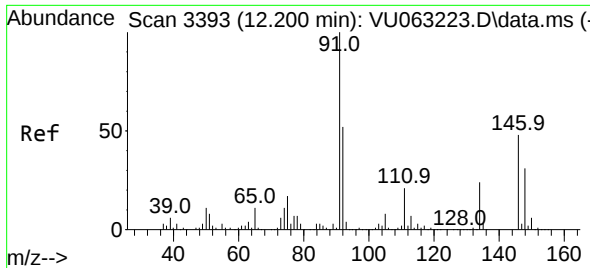
Lab File: VU063243.D

Acq: 11 Feb 2025 18:15

Tgt Ion:146 Resp: 8909

Ion	Ratio	Lower	Upper
146	100		
111	39.0	32.1	48.1
148	61.6	50.2	75.4





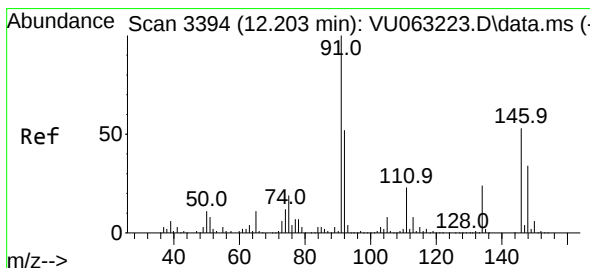
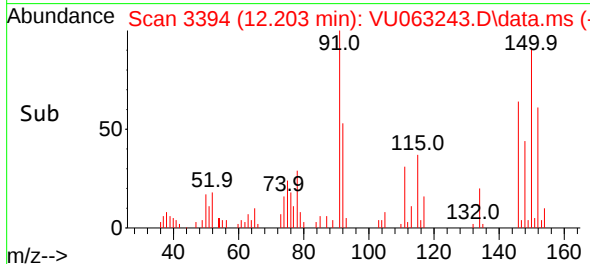
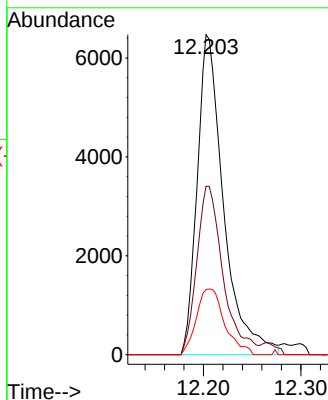
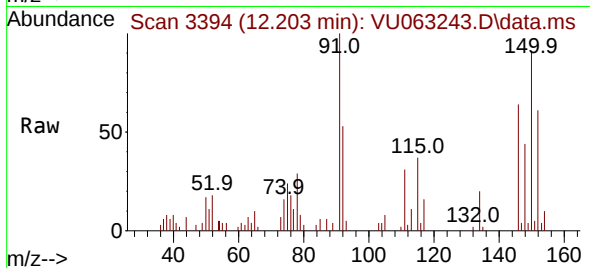
#84
n-Butylbenzene
Concen: 0.259 ug/l
RT: 12.203 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 91 Resp: 1215
Ion Ratio Lower Upper
91 100
92 52.6 41.8 62.8
134 21.9 18.6 28.0

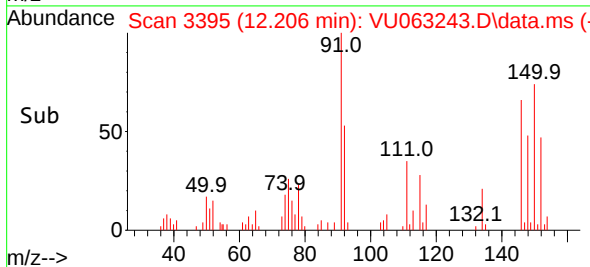
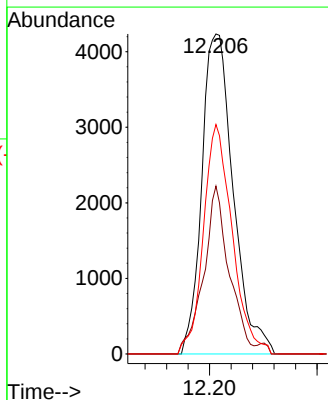
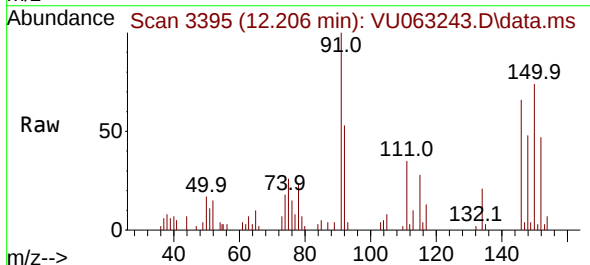
Manual Integrations
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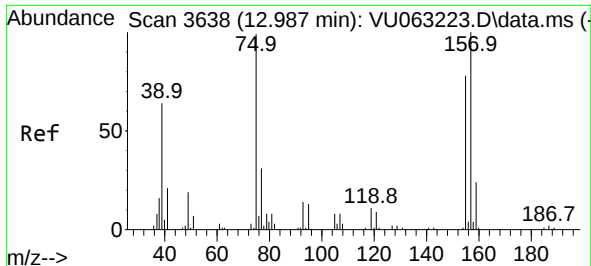
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#85
1,2-Dichlorobenzene
Concen: 0.307 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

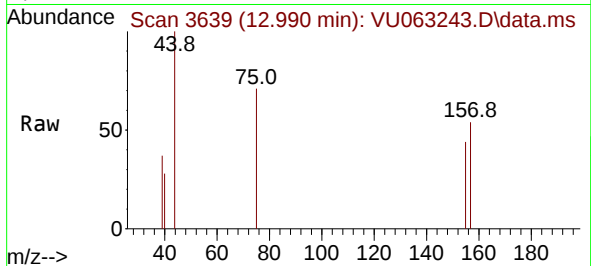
Tgt Ion:146 Resp: 8585
Ion Ratio Lower Upper
146 100
111 42.6 21.9 65.7
148 65.7 32.3 96.9





#86
1,2-Dibromo-3-Chloropropane
Concen: 0.274 ug/l
RT: 12.990 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

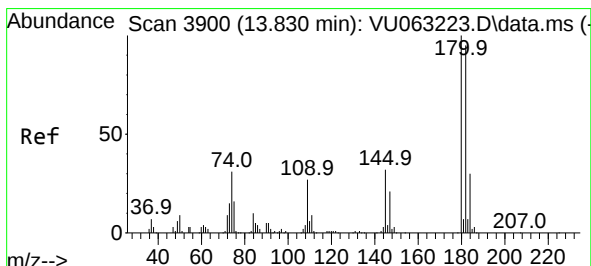
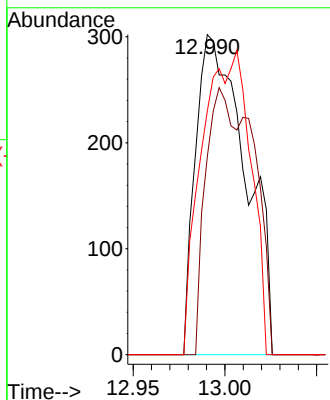
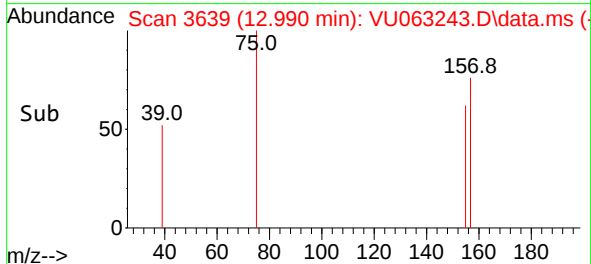
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



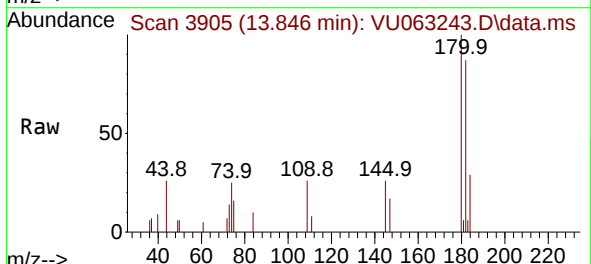
Tgt Ion: 75 Resp: 572
Ion Ratio Lower Upper
75 100
155 49.7 63.5 95.3
157 92.8 81.8 122.6

Manual Integrations
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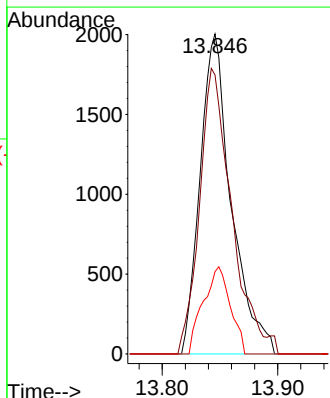
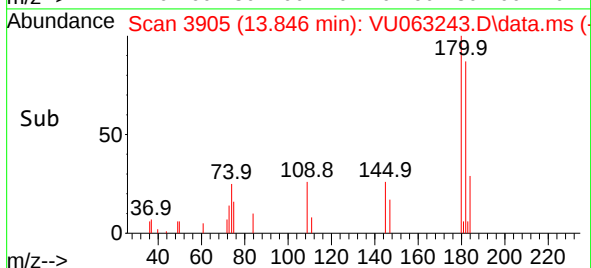
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

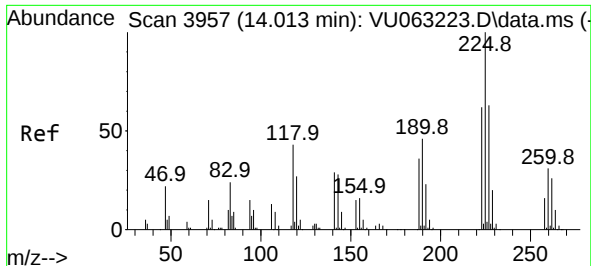


#87
1,2,4-Trichlorobenzene
Concen: 0.275 ug/l
RT: 13.846 min Scan# 3905
Delta R.T. 0.016 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15



Tgt Ion:180 Resp: 3749
Ion Ratio Lower Upper
180 100
182 92.4 76.6 115.0
145 23.7 25.4 38.2#





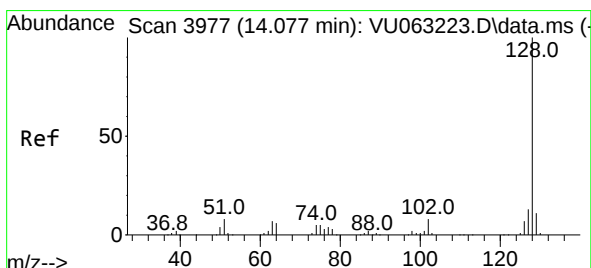
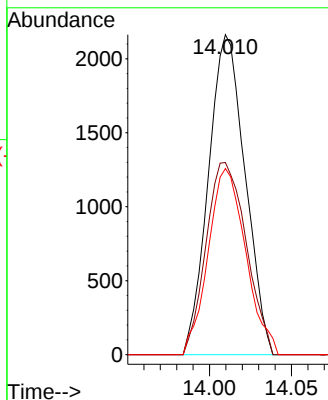
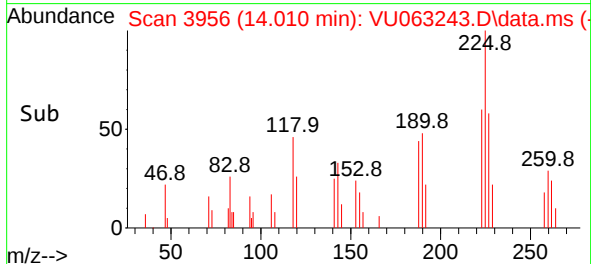
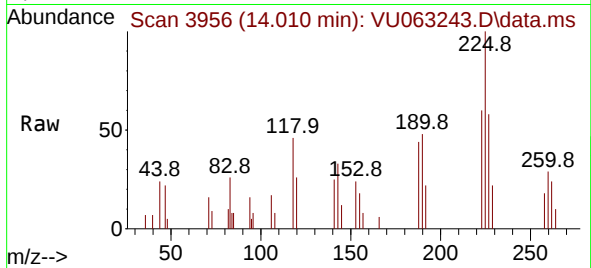
#88
Hexachlorobutadiene
Concen: 0.345 ug/l
RT: 14.010 min Scan# 3957
Delta R.T. -0.003 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion:225 Resp: 3350
Ion Ratio Lower Upper
225 100
223 65.7 49.5 74.3
227 59.6 51.0 76.4

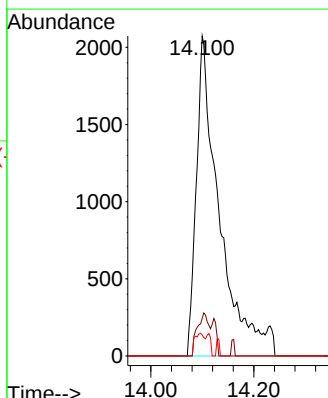
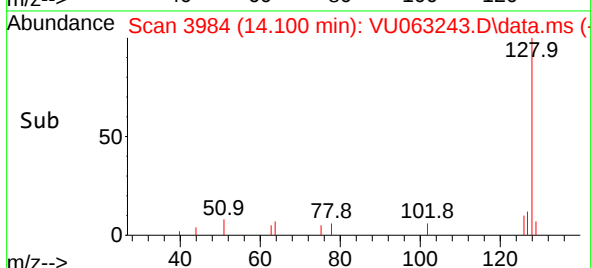
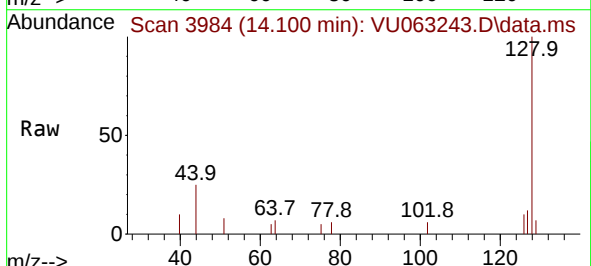
Manual Integrations
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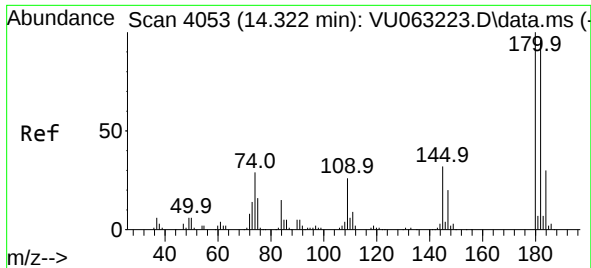
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#89
Naphthalene
Concen: 0.293 ug/l m
RT: 14.100 min Scan# 3984
Delta R.T. 0.022 min
Lab File: VU063243.D
Acq: 11 Feb 2025 18:15

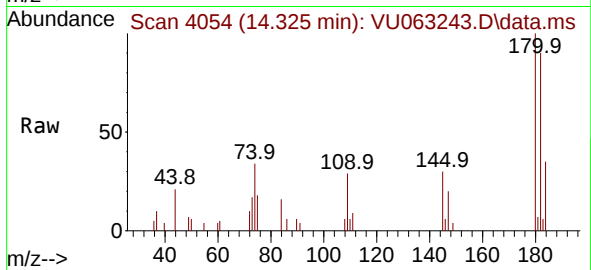
Tgt Ion:128 Resp: 6425
Ion Ratio Lower Upper
128 100
127 6.8 10.6 16.0#
129 3.1 8.6 13.0#





#90
 1,2,3-Trichlorobenzene
 Concen: 0.385 ug/l
 RT: 14.325 min Scan# 4053
 Delta R.T. 0.003 min
 Lab File: VU063243.D
 Acq: 11 Feb 2025 18:15

Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



Tgt Ion:180 Resp: 5130
 Ion Ratio Lower Upper
 180 100
 182 97.6 78.2 117.2
 145 30.9 26.1 39.1

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

