

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
 Data File : VU063244.D
 Acq On : 11 Feb 2025 18:40
 Operator : MD/SY
 Sample : Q1168-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Feb 12 04:12:00 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	6.107	96	49553	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	15655	0.958	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	16491	0.970	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	13119	0.815	ug/l	98
3) Chloromethane	1.515	50	15616	0.842	ug/l	98
4) Vinyl Chloride	1.599	62	15256	0.832	ug/l	98
5) Bromomethane	1.846	94	8208	0.916	ug/l	100
6) Chloroethane	1.924	64	9616	0.832	ug/l	98
7) Trichlorofluoromethane	2.129	101	18096	0.832	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	9988	0.809	ug/l	97
9) 1,1-Dichloroethene	2.570	96	9985	0.794	ug/l	95
10) Iodomethane	2.711	142	16182	0.819	ug/l	97
11) Allyl Chloride	2.911	41	14578	0.807	ug/l	98
12) Acrylonitrile	3.322	53	4583m	1.581	ug/l	
13) Acetone	2.618	43	9341	4.189	ug/l	90
14) Carbon Disulfide	2.782	76	34229	0.779	ug/l	98
15) Methylene Chloride	3.033	84	12803	0.824	ug/l	95
16) trans-1,2-Dichloroethene	3.345	96	11760	0.820	ug/l	95
17) 1,1-Dichloroethane	3.859	63	21979	0.813	ug/l	99
18) 2-Butanone	4.715	43	13799m	3.889	ug/l	
19) Cyclohexane	5.377	56	15639m	0.720	ug/l	
20) Methylcyclohexane	6.750	83	15957	0.740	ug/l	99
21) 2,2-Dichloropropane	4.647	77	15894	0.753	ug/l	97
22) cis-1,2-Dichloroethene	4.660	96	11989	0.773	ug/l	95
23) Diethyl Ether	2.367	59	8556	0.793	ug/l	99
24) tert-Butyl Alcohol	3.168	59	13997	10.667	ug/l #	88
25) Methyl tert-Butyl Ether	3.351	73	24452	0.779	ug/l	97
26) Bromochloromethane	4.962	128	5305	0.783	ug/l	97
27) Chloroform	5.075	83	22392	0.820	ug/l	99
28) 1,1,1-Trichloroethane	5.303	97	17751	0.803	ug/l	98
29) 1,1-Dichloropropene	5.518	75	15015	0.758	ug/l	98
30) Carbon Tetrachloride	5.512	117	14690	0.775	ug/l	99
31) Isopropyl Ether	3.978	45	29023	0.752	ug/l	94
32) Ethyl-t-butyl ether	4.489	59	25279	0.720	ug/l	98
33) Tert-Amyl methyl ether	5.927	73	22476	0.733	ug/l	98
34) Propionitrile	4.795	54	3935m	3.677	ug/l	
35) Benzene	5.766	78	48986	0.805	ug/l	100
36) 1,2-Dichloroethane	5.785	62	13566	0.772	ug/l	99
37) Trichloroethene	6.534	130	11650	0.805	ug/l	97
38) 1,2-Dichloropropane	6.782	63	13046	0.819	ug/l	96
39) Methacrylonitrile	4.981	41	2576m	0.646	ug/l	
40) Methyl acrylate	4.885	55	5319m	0.724	ug/l	
41) Tetrahydrofuran	5.062	42	3703	1.596	ug/l	89
42) 1-Chlorobutane	5.448	56	20561	0.759	ug/l	94
43) Dibromomethane	6.914	93	6652	0.824	ug/l	95
44) Bromodichloromethane	7.097	83	15142	0.806	ug/l	98

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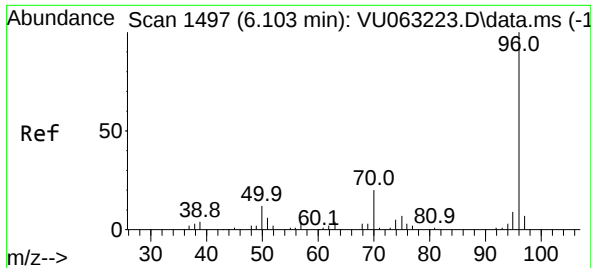
Quant Time: Feb 12 04:12:00 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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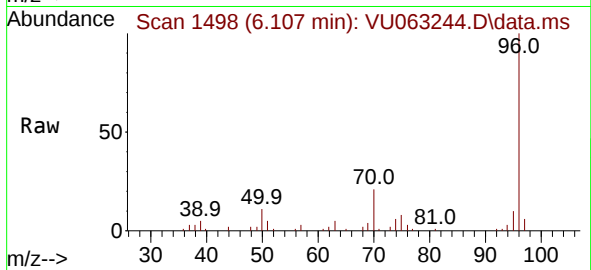
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	29283m	3.461	ug/l	
46) t-1,4-Dichloro-2-butene	10.820	75	5874m	1.477	ug/l	
47) Methyl methacrylate	6.959	69	9411	1.385	ug/l	95
48) Ethyl methacrylate	8.329	69	8369	0.656	ug/l	92
49) Toluene	7.962	92	24896	0.711	ug/l	95
50) t-1,3-Dichloropropene	8.206	75	12700	0.739	ug/l	96
51) cis-1,3-Dichloropropene	7.599	75	16394	0.772	ug/l	96
52) 1,1,2-Trichloroethane	8.393	97	8777	0.807	ug/l	93
53) 1,3-Dichloropropane	8.570	76	15888	0.823	ug/l	98
54) 2-Hexanone	8.679	43	20157m	3.491	ug/l	
55) Dibromochloromethane	8.801	129	9867	0.788	ug/l	99
56) 1,2-Dibromoethane	8.920	107	7947	0.779	ug/l	99
58) Tetrachloroethene	8.544	164	9731	0.815	ug/l	98
59) Chlorobenzene	9.441	112	29413	0.796	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.525	131	9814	0.739	ug/l	92
61) Pentachloroethane	11.415	117	8915	0.751	ug/l	93
62) Hexachloroethane	12.463	117	7864	0.749	ug/l	95
63) Ethyl Benzene	9.563	91	43841	0.688	ug/l	98
64) m/p-Xylenes	9.685	106	32379	1.360	ug/l	97
65) o-Xylene	10.091	106	16864	0.724	ug/l	95
66) Styrene	10.107	104	24030	0.648	ug/l	97
67) Bromoform	10.283	173	5273	0.742	ug/l	96
69) Isopropylbenzene	10.476	105	36947	0.674	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	11257	0.768	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	8608m	0.781	ug/l	
72) Bromobenzene	10.775	156	11058	0.749	ug/l	97
73) n-propylbenzene	10.898	120	10183	0.649	ug/l	95
74) 2-Chlorotoluene	10.978	126	10687	0.739	ug/l	93
75) 1,3,5-Trimethylbenzene	11.078	105	33034	0.651	ug/l	98
76) 4-Chlorotoluene	11.090	126	10496	0.708	ug/l	90
77) tert-Butylbenzene	11.409	119	35505	0.692	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	31729	0.630	ug/l	98
79) sec-Butylbenzene	11.634	105	44774	0.685	ug/l	99
80) Nitrobenzene	13.232	77	941	2.698	ug/l #	56
81) p-Isopropyltoluene	11.785	119	32476	0.630	ug/l	97
82) 1,3-Dichlorobenzene	11.740	146	20940	0.731	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	21415	0.765	ug/l	93
84) n-Butylbenzene	12.203	91	29869	0.646	ug/l	97
85) 1,2-Dichlorobenzene	12.203	146	19542	0.710	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.004	75	1567m	0.761	ug/l	
87) 1,2,4-Trichlorobenzene	13.836	180	9173	0.684	ug/l	92
88) Hexachlorobutadiene	14.010	225	7420	0.774	ug/l	93
89) Naphthalene	14.094	128	13158m	0.609	ug/l	
90) 1,2,3-Trichlorobenzene	14.325	180	9621	0.733	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

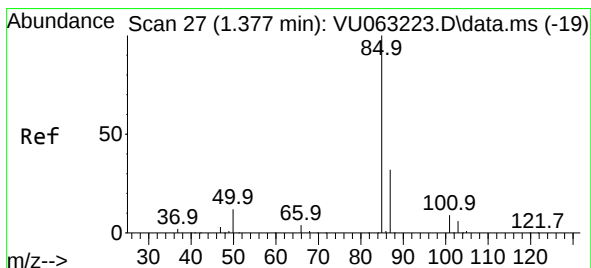
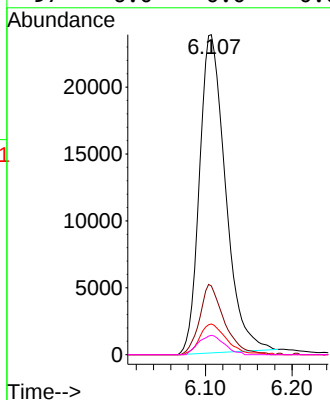
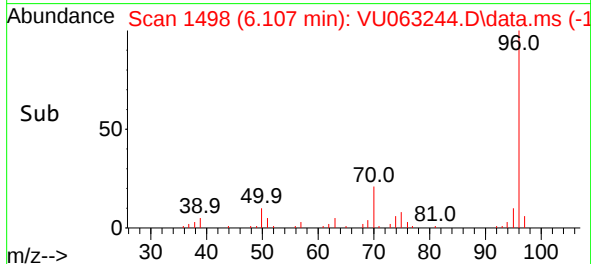
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 96 Resp: 4955
Ion Ratio Lower Upper
96 100
70 20.8 15.6 23.4
95 10.0 7.3 10.9
97 6.0 0.0 0.0#

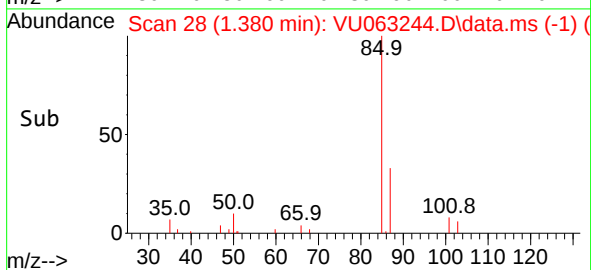
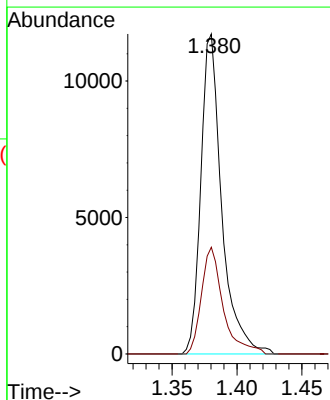
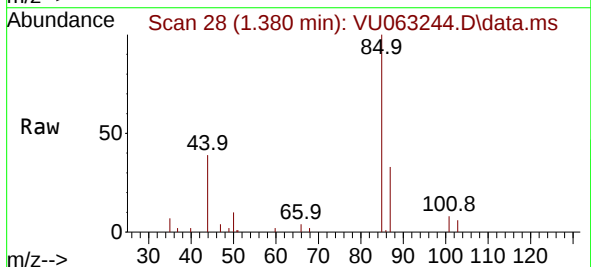
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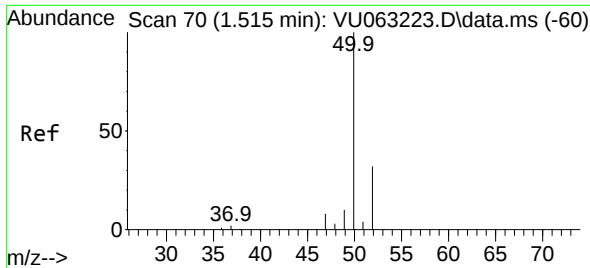
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#2
Dichlorodifluoromethane
Concen: 0.815 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion: 85 Resp: 13119
Ion Ratio Lower Upper
85 100
87 33.4 16.0 48.0





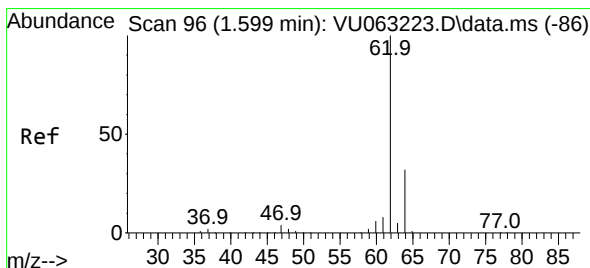
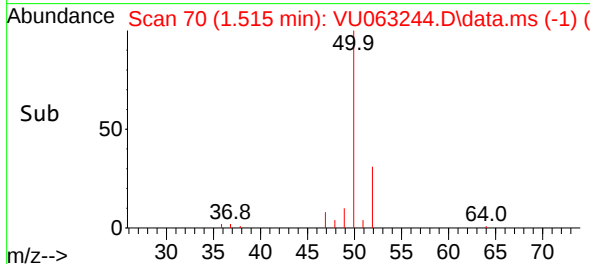
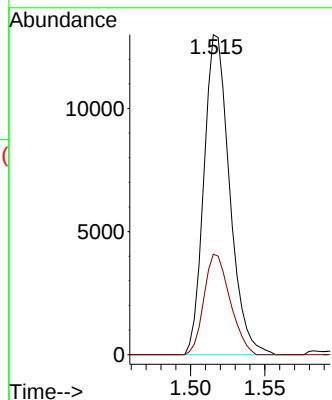
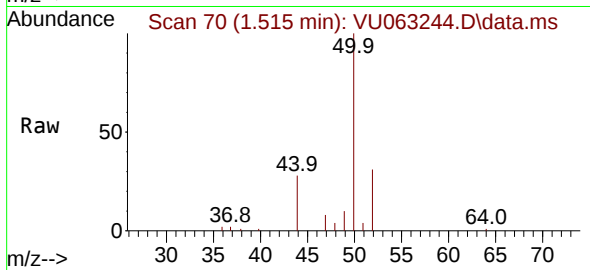
#3
Chloromethane
Concen: 0.842 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion: 50 Resp: 15610
Ion Ratio Lower Upper
50 100
52 31.4 25.8 38.8

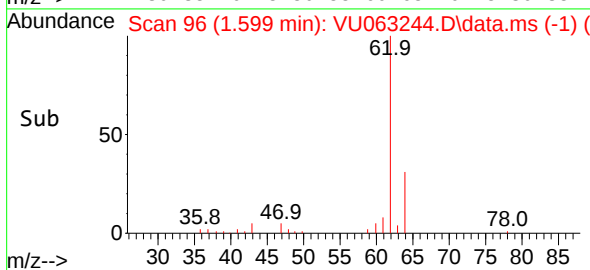
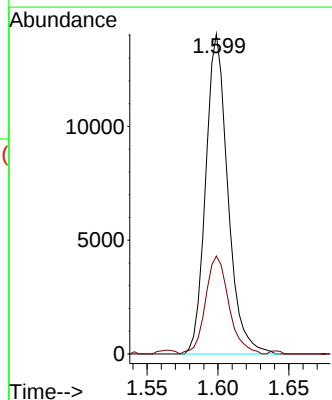
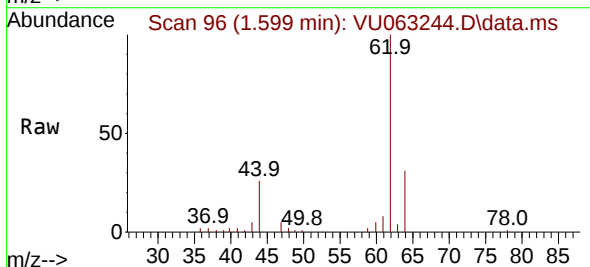
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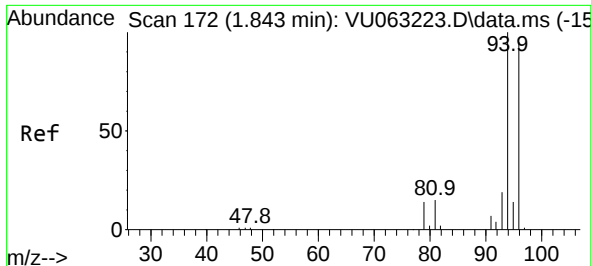
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#4
Vinyl Chloride
Concen: 0.832 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

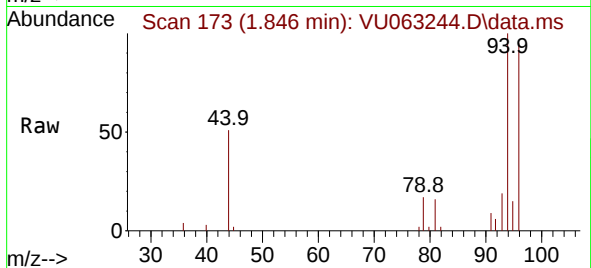
Tgt Ion: 62 Resp: 15256
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.0





#5
Bromomethane
Concen: 0.916 ug/l
RT: 1.846 min Scan# 172
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

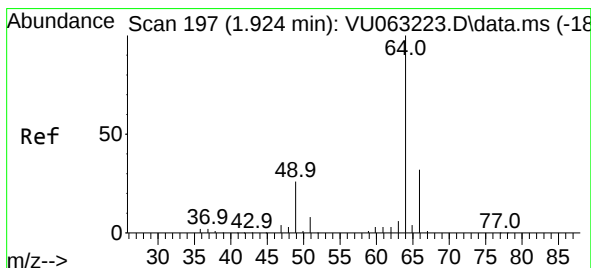
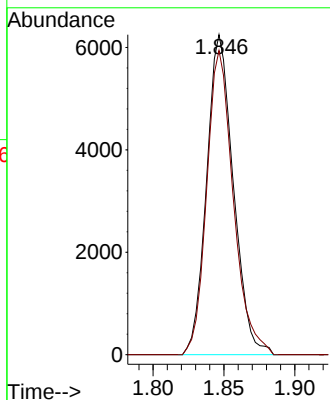
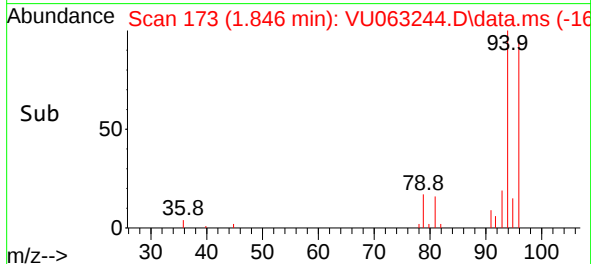
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 94 Resp: 8208
Ion Ratio Lower Upper
94 100
96 95.1 75.7 113.5

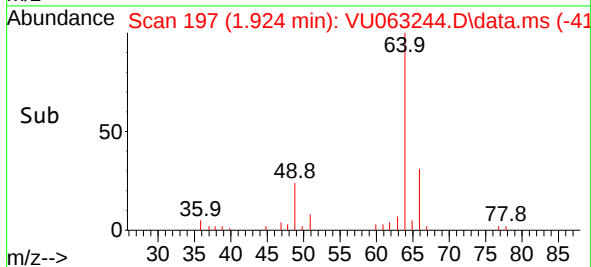
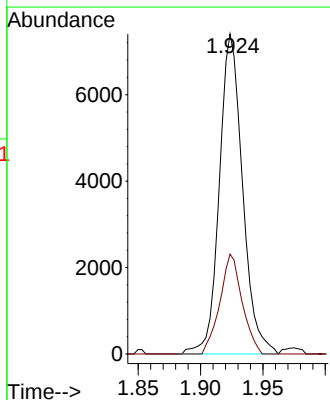
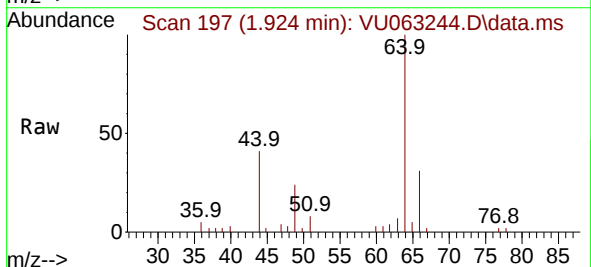
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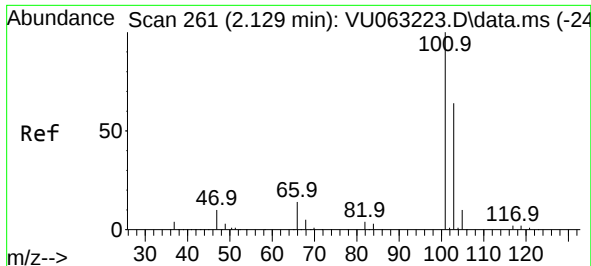
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#6
Chloroethane
Concen: 0.832 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion: 64 Resp: 9616
Ion Ratio Lower Upper
64 100
66 31.2 25.8 38.8





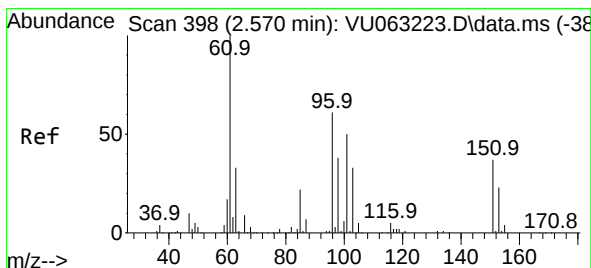
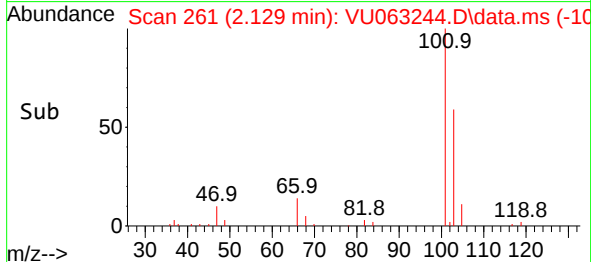
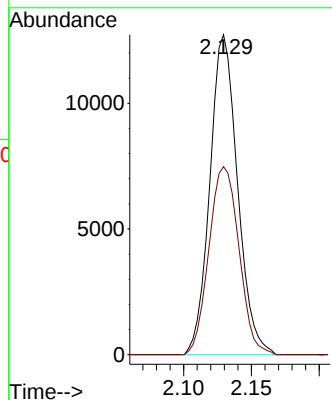
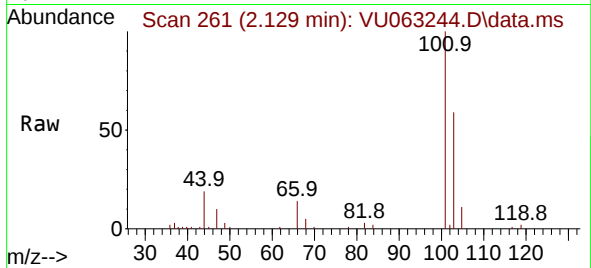
#7
Trichlorofluoromethane
Concen: 0.832 ug/l
RT: 2.129 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion:101 Resp: 18090
Ion Ratio Lower Upper
101 100
103 58.7 51.4 77.2

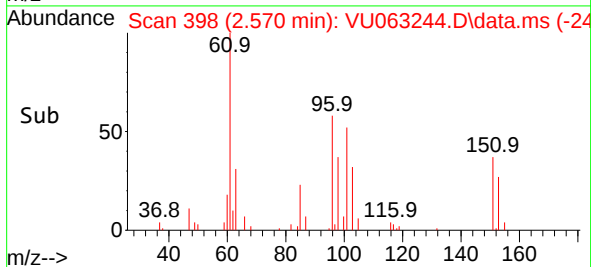
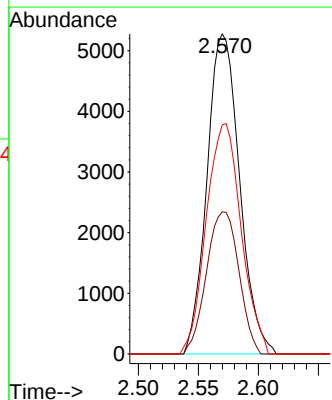
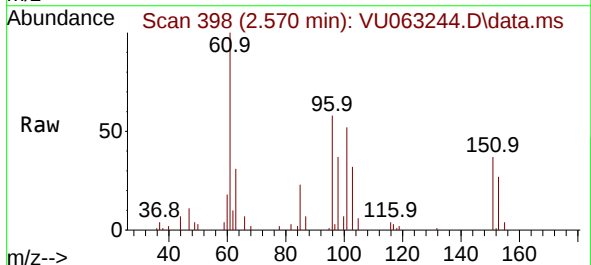
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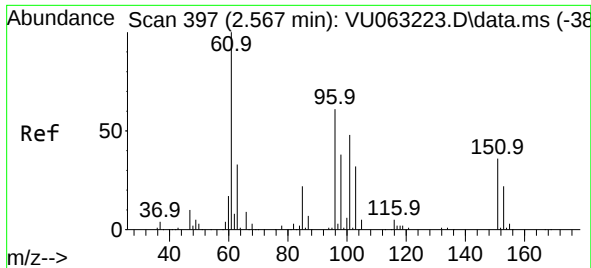
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.809 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion:101 Resp: 9988
Ion Ratio Lower Upper
101 100
85 44.1 35.4 53.0
151 76.9 58.5 87.7





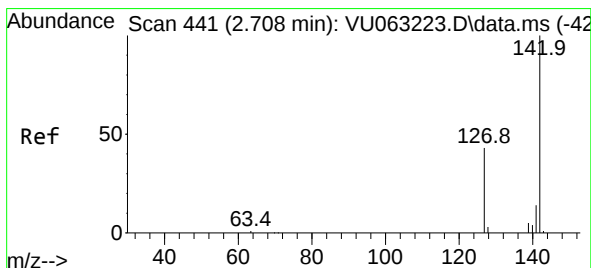
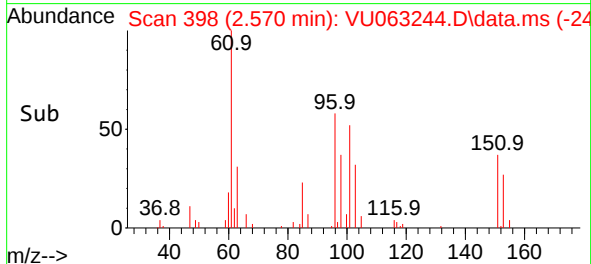
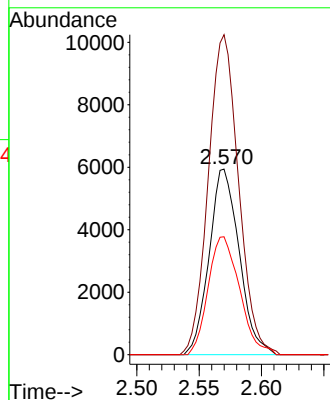
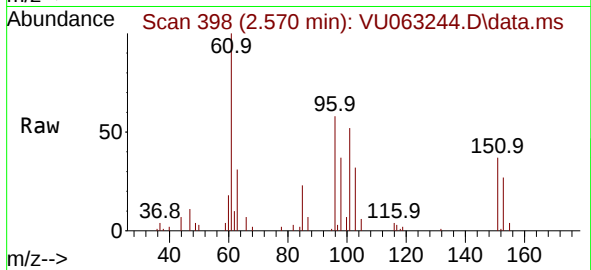
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1,1-Dichloroethene
Concen: 0.794 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion: 96 Resp: 998
Ion Ratio Lower Upper
96 100
61 172.3 0.0 492.9
98 63.5 0.0 124.0

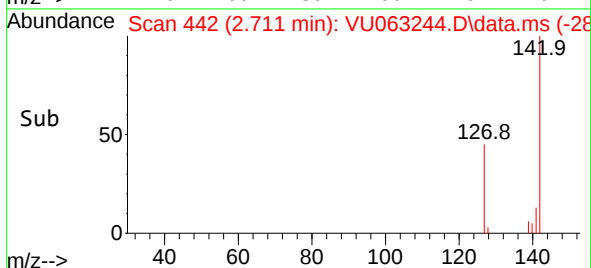
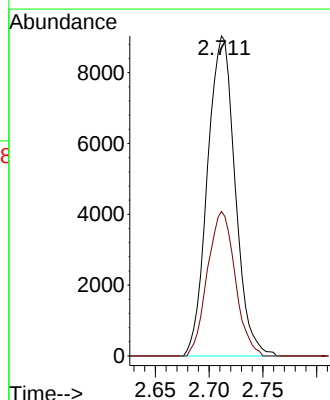
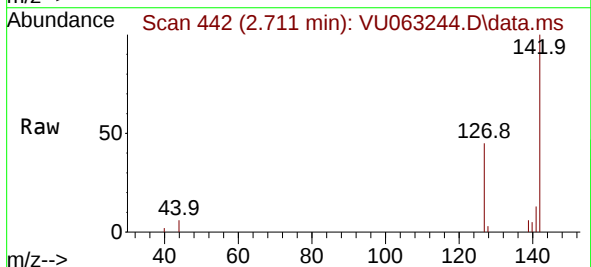
Manual Integrations
APPROVED

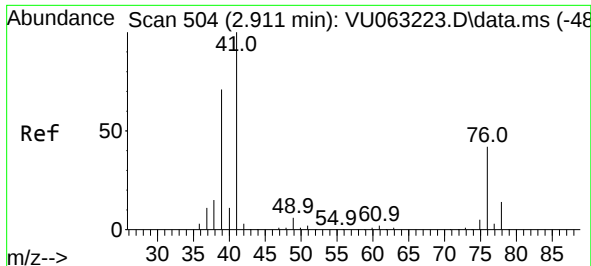
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#10
Iodomethane
Concen: 0.819 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion:142 Resp: 16182
Ion Ratio Lower Upper
142 100
127 45.2 34.5 51.7





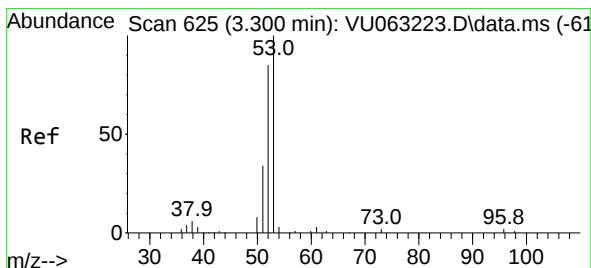
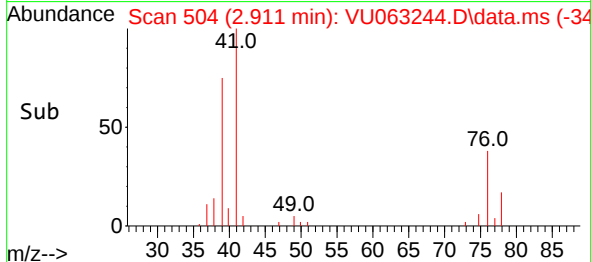
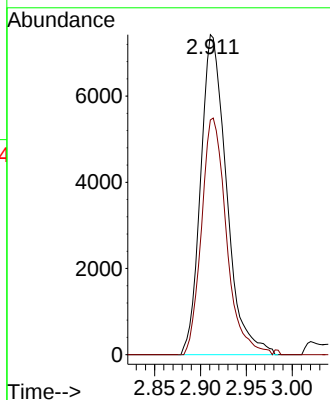
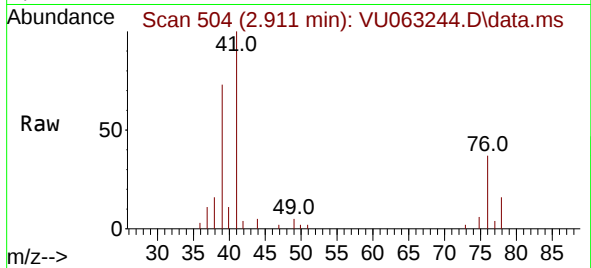
#11
 Allyl Chloride
 Concen: 0.807 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: VU063244.D
 Acq: 11 Feb 2025 18:40

Instrument :
 MSVOA_U
 Client Sample Id :
 LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 41 Resp: 14578
 Ion Ratio Lower Upper
 41 100
 39 71.1 57.9 86.9

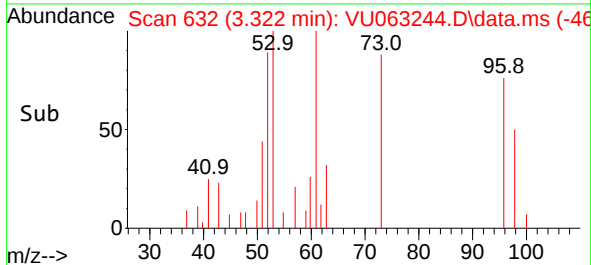
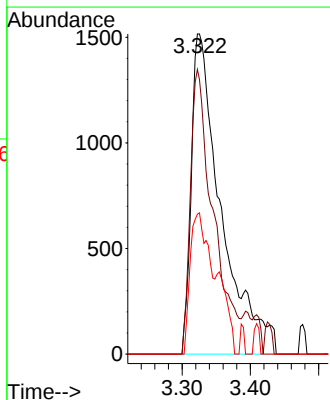
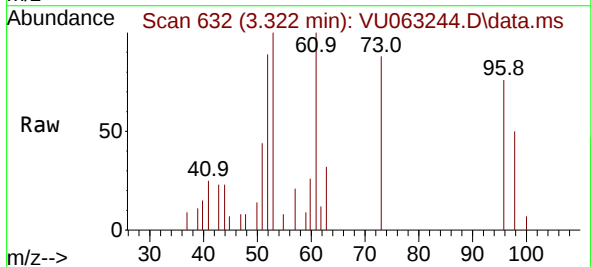
Manual Integrations
 APPROVED

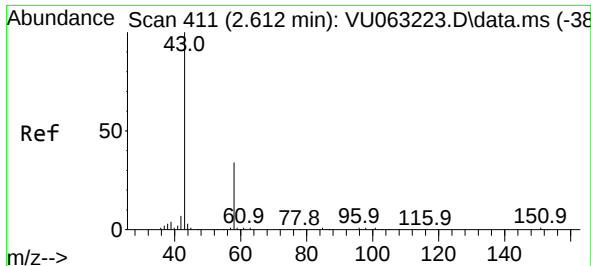
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#12
 Acrylonitrile
 Concen: 1.581 ug/l m
 RT: 3.322 min Scan# 632
 Delta R.T. 0.023 min
 Lab File: VU063244.D
 Acq: 11 Feb 2025 18:40

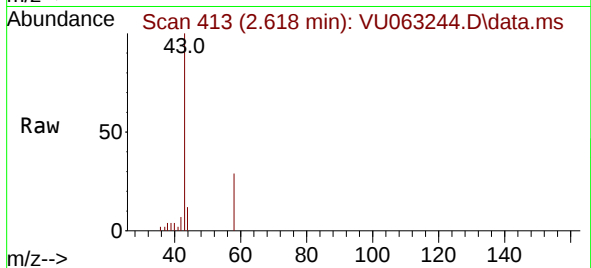
Tgt Ion: 53 Resp: 4583
 Ion Ratio Lower Upper
 53 100
 52 68.6 64.2 96.2
 51 28.8 30.8 46.2#





#13
Acetone
Concen: 4.189 ug/l
RT: 2.618 min Scan# 411
Delta R.T. 0.007 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

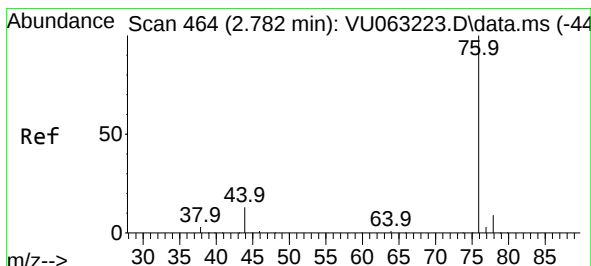
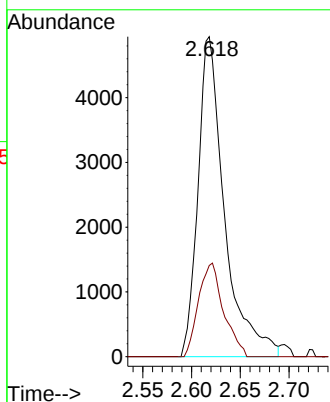
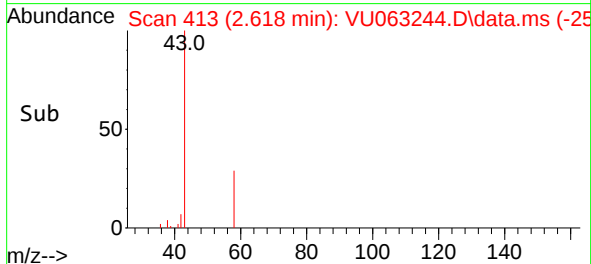
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
58 28.5 27.4 41.0

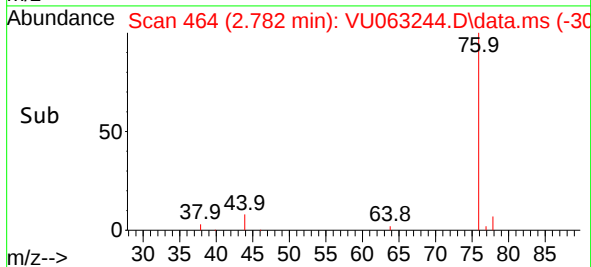
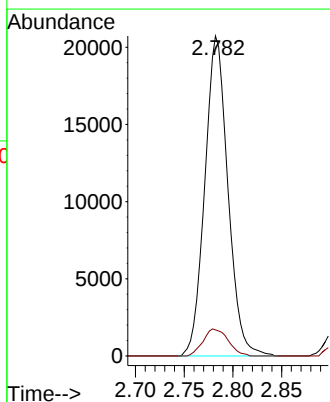
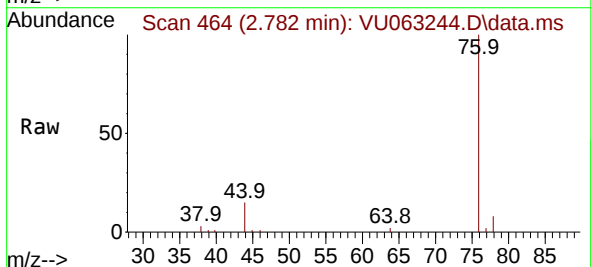
Manual Integrations
APPROVED

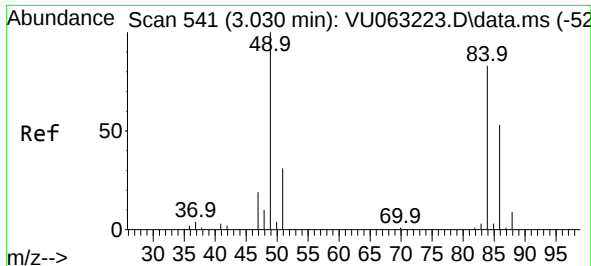
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#14
Carbon Disulfide
Concen: 0.779 ug/l
RT: 2.782 min Scan# 464
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

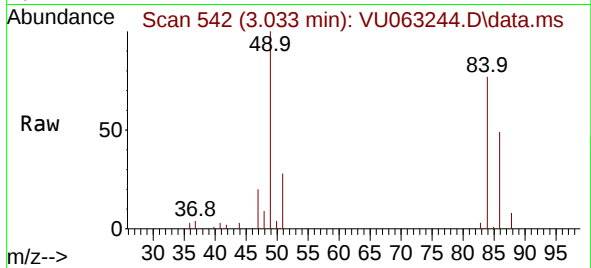
Tgt Ion: 76 Resp: 34229
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8





#15
Methylene Chloride
Concen: 0.824 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

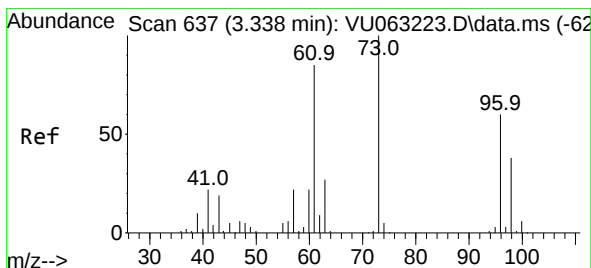
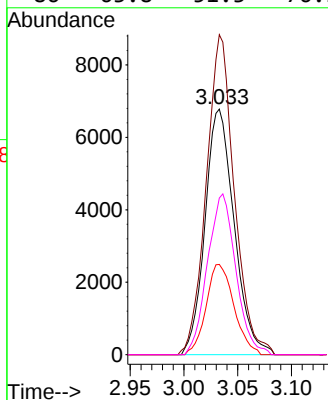
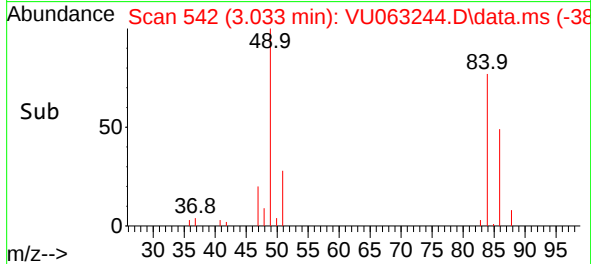
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 84 Resp: 1280
Ion Ratio Lower Upper
84 100
49 130.3 96.4 144.6
51 36.7 0.0 74.8
86 63.8 51.3 76.9

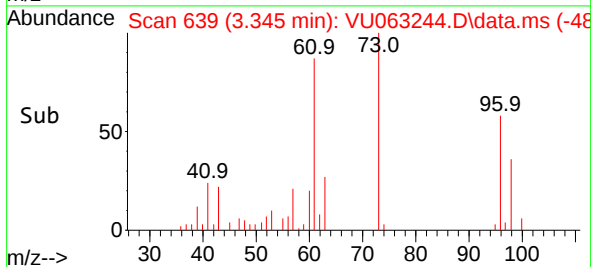
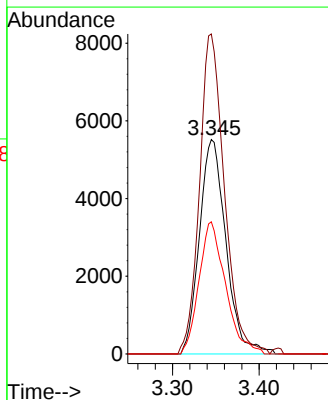
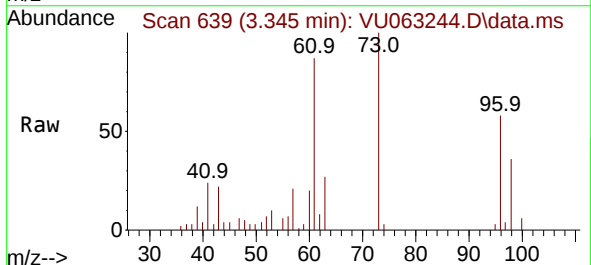
Manual Integrations
APPROVED

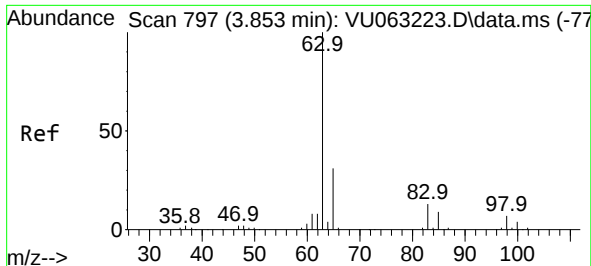
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#16
trans-1,2-Dichloroethene
Concen: 0.820 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.007 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion: 96 Resp: 11760
Ion Ratio Lower Upper
96 100
61 149.2 113.4 170.2
98 61.6 51.2 76.8





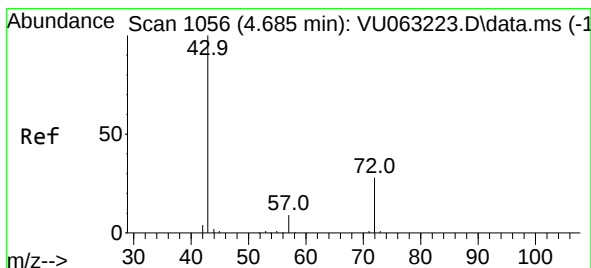
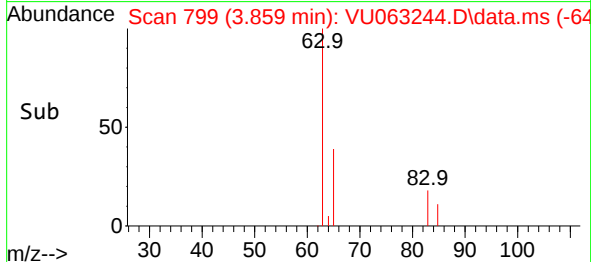
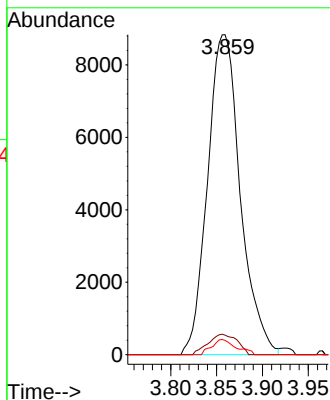
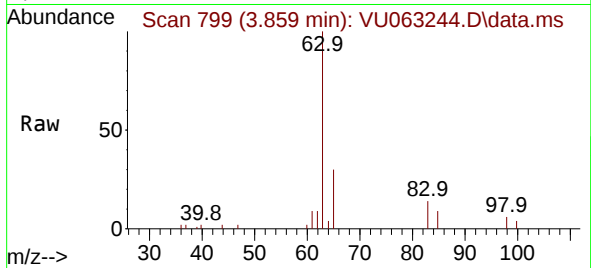
#17
1,1-Dichloroethane
Concen: 0.813 ug/l
RT: 3.859 min Scan# 797
Delta R.T. 0.007 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion: 63 Resp: 21979
Ion Ratio Lower Upper
63 100
98 6.1 3.3 9.9
100 4.4 2.1 6.2

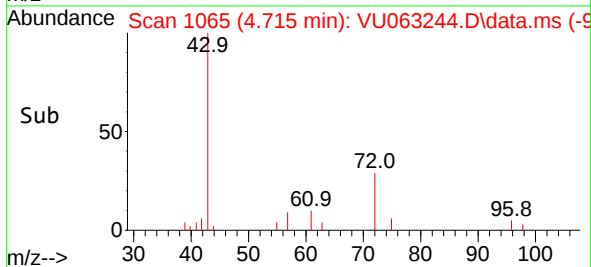
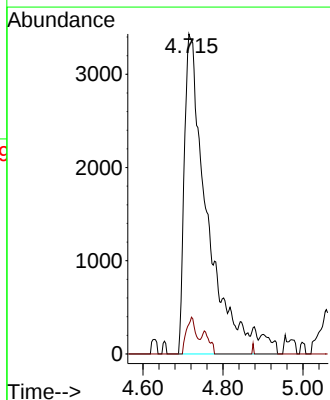
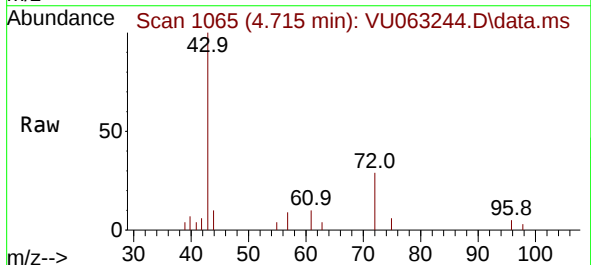
Manual Integrations
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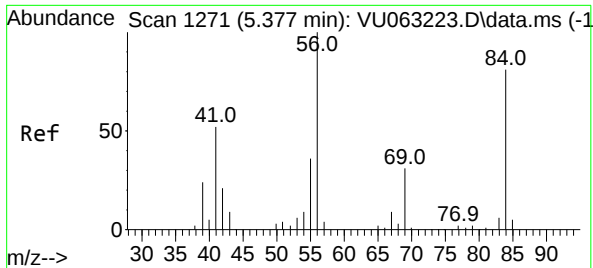
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#18
2-Butanone
Concen: 3.889 ug/l m
RT: 4.715 min Scan# 1065
Delta R.T. 0.029 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion: 43 Resp: 13799
Ion Ratio Lower Upper
43 100
57 9.3 0.0 17.0





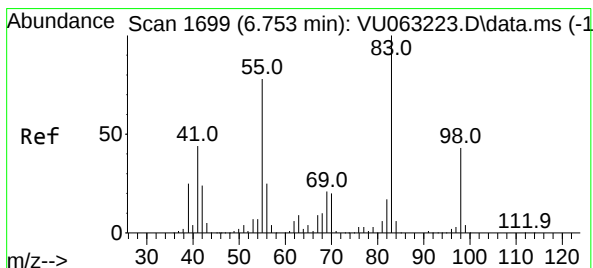
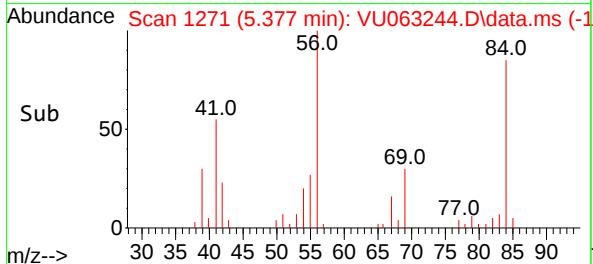
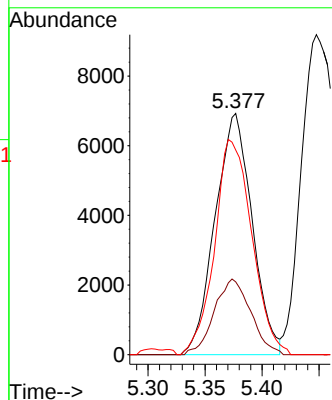
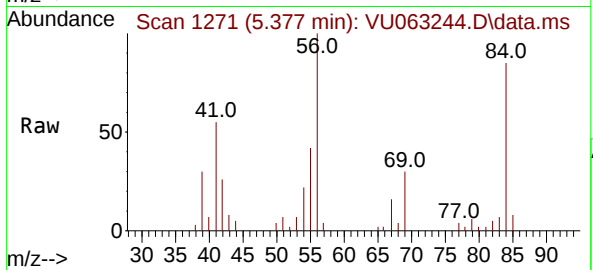
#19
Cyclohexane
Concen: 0.720 ug/l m
RT: 5.377 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion: 56 Resp: 15639
Ion Ratio Lower Upper
56 100
69 30.9 24.5 36.7
84 89.8 65.2 97.8

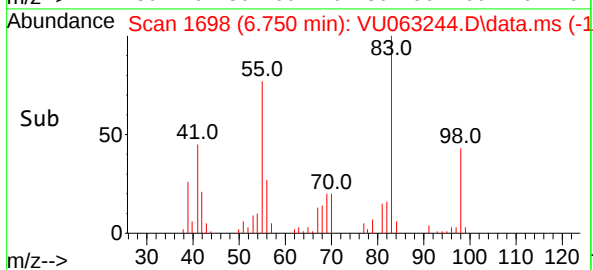
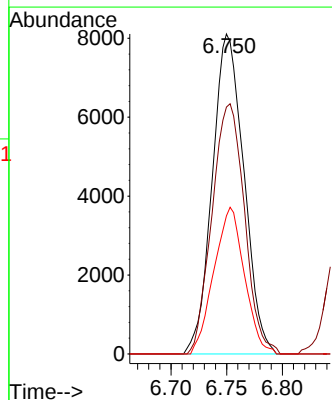
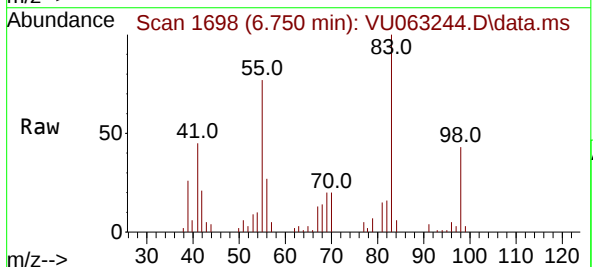
Manual Integrations
APPROVED

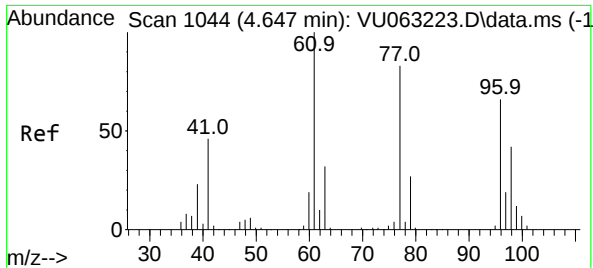
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#20
Methylcyclohexane
Concen: 0.740 ug/l
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion: 83 Resp: 15957
Ion Ratio Lower Upper
83 100
55 80.6 63.1 94.7
98 44.4 35.2 52.8





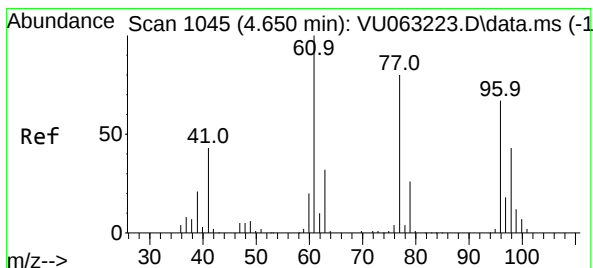
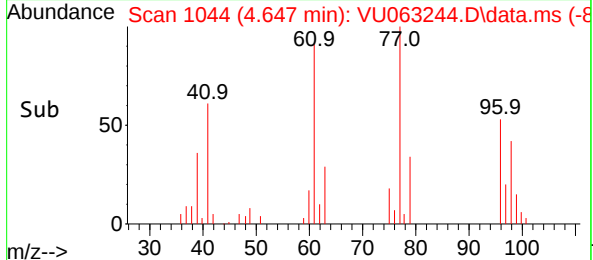
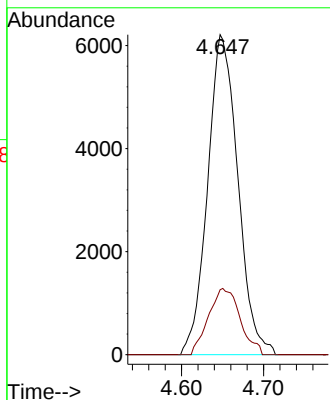
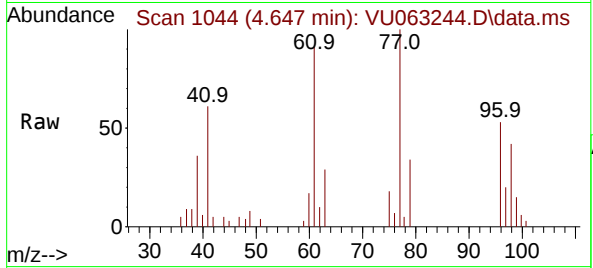
#21
2,2-Dichloropropane
Concen: 0.753 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion: 77 Resp: 15894
Ion Ratio Lower Upper
77 100
97 21.6 18.5 27.7

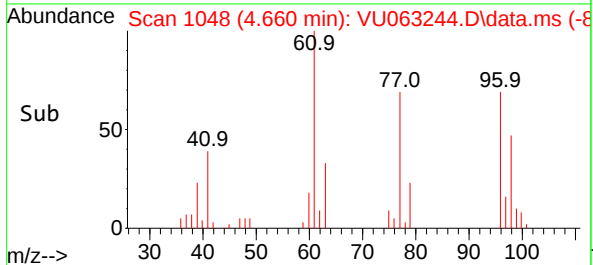
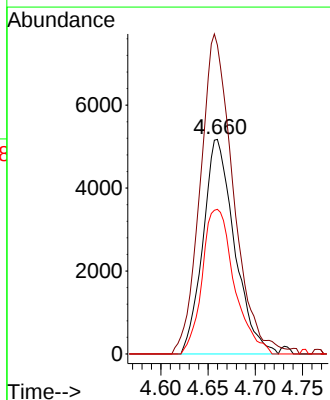
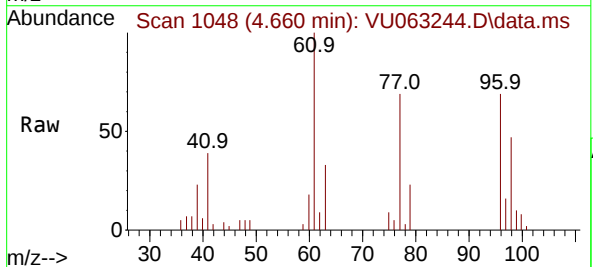
Manual Integrations
APPROVED

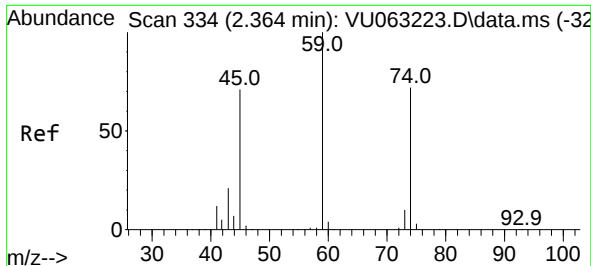
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#22
cis-1,2-Dichloroethene
Concen: 0.773 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion: 96 Resp: 11989
Ion Ratio Lower Upper
96 100
61 156.0 0.0 373.3
98 68.5 31.9 95.9





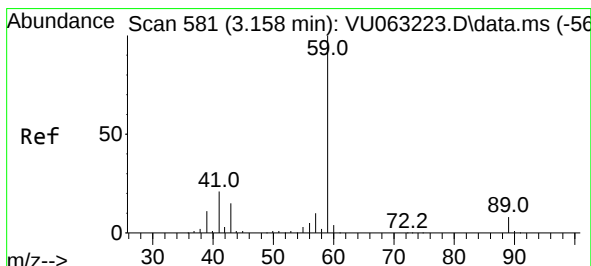
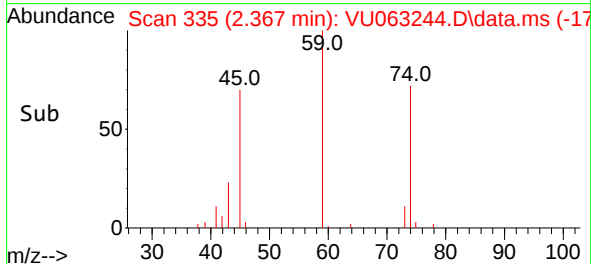
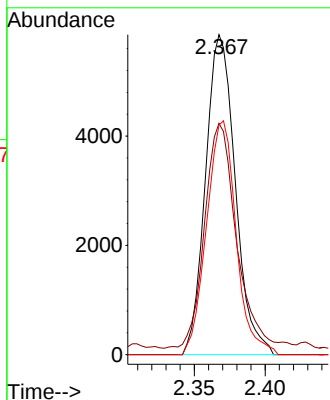
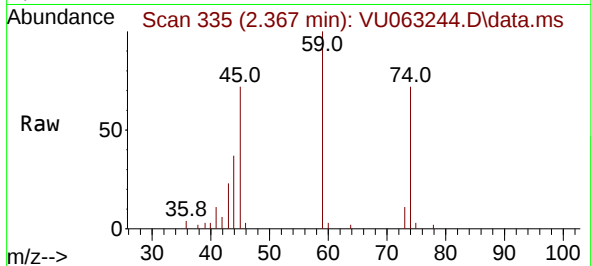
#23
Diethyl Ether
Concen: 0.793 ug/l
RT: 2.367 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion: 59 Resp: 8550
Ion Ratio Lower Upper
59 100
45 73.9 57.8 86.6
74 72.6 57.7 86.5

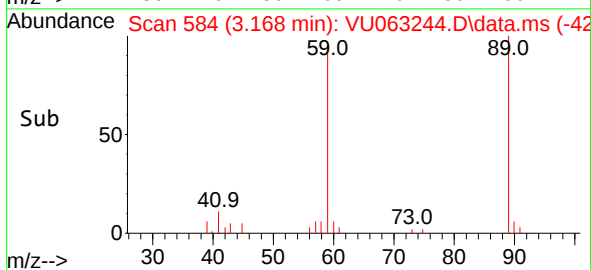
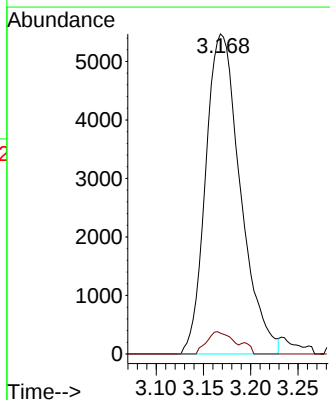
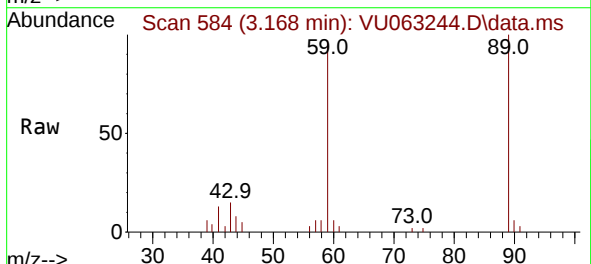
Manual Integrations
APPROVED

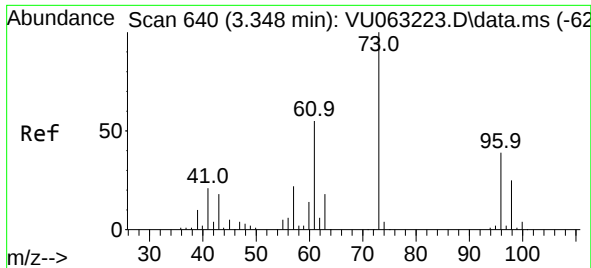
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#24
tert-Butyl Alcohol
Concen: 10.667 ug/l
RT: 3.168 min Scan# 584
Delta R.T. 0.010 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

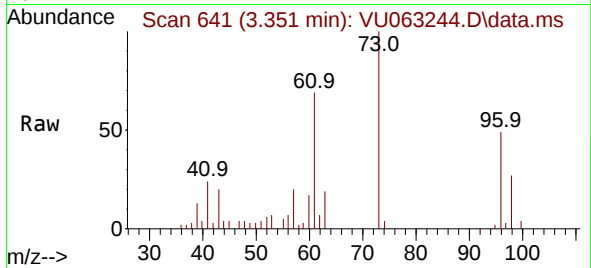
Tgt Ion: 59 Resp: 13997
Ion Ratio Lower Upper
59 100
57 5.0 7.5 11.3#





#25
Methyl tert-Butyl Ether
Concen: 0.779 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

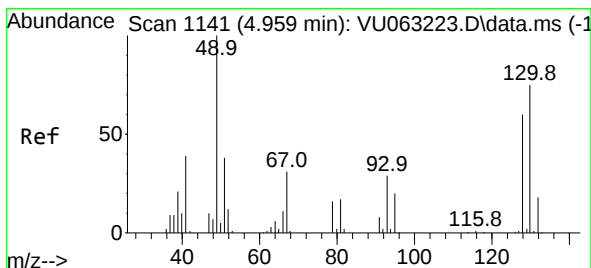
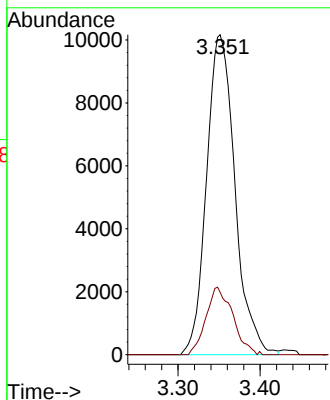
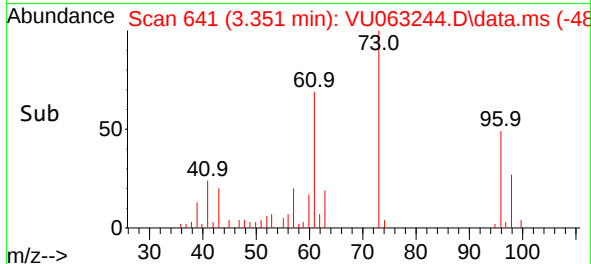
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



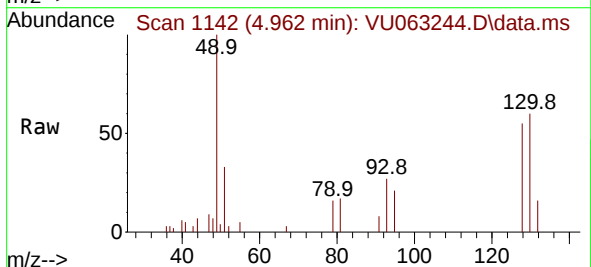
Tgt Ion: 73 Resp: 2445
Ion Ratio Lower Upper
73 100
43 19.9 14.9 22.3

Manual Integrations
APPROVED

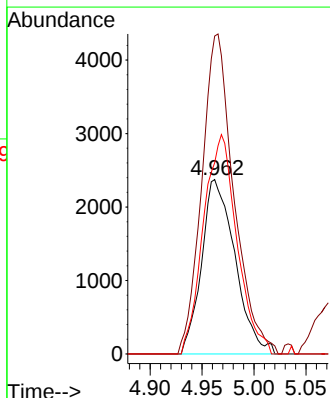
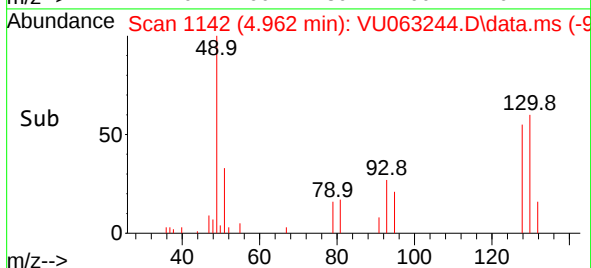
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

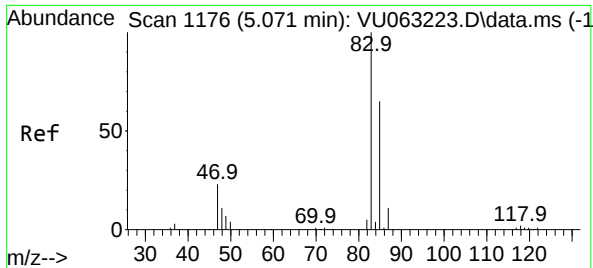


#26
Bromochloromethane
Concen: 0.783 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40



Tgt Ion:128 Resp: 5305
Ion Ratio Lower Upper
128 100
49 176.3 0.0 343.4
130 126.2 102.9 154.3





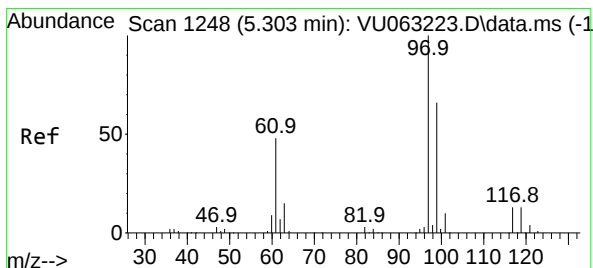
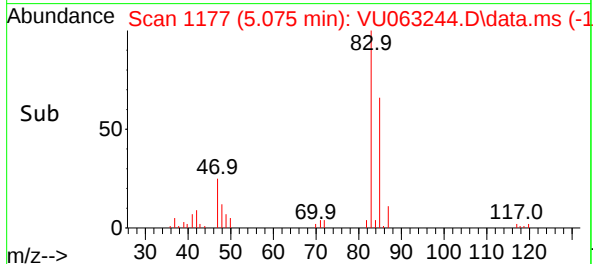
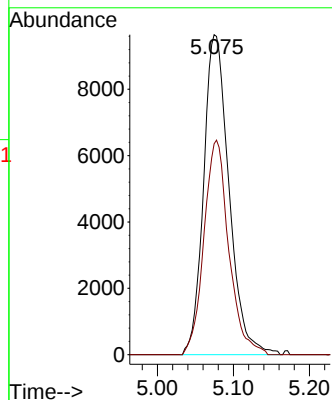
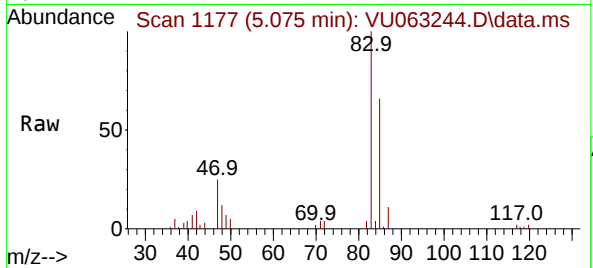
#27
Chloroform
Concen: 0.820 ug/l
RT: 5.075 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion: 83 Resp: 22392
Ion Ratio Lower Upper
83 100
85 65.9 0.0 129.8

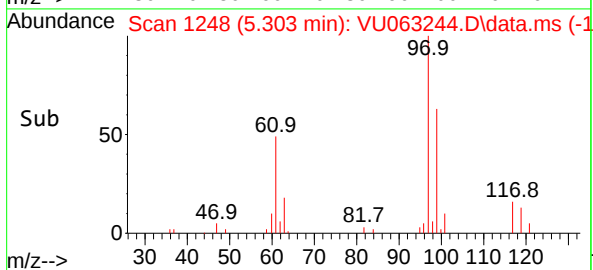
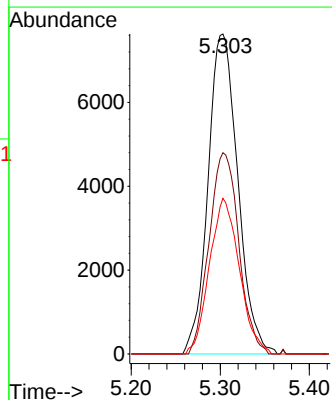
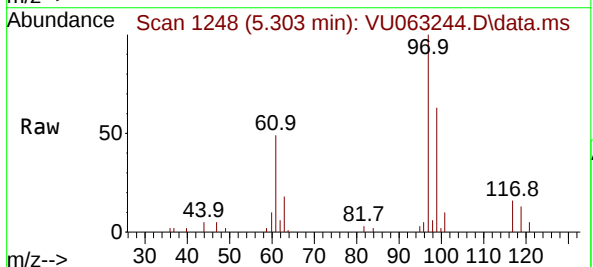
Manual Integrations
APPROVED

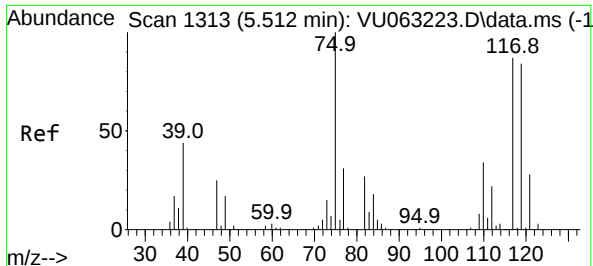
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#28
1,1,1-Trichloroethane
Concen: 0.803 ug/l
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion: 97 Resp: 17751
Ion Ratio Lower Upper
97 100
99 62.7 32.4 97.0
61 48.8 23.8 71.2





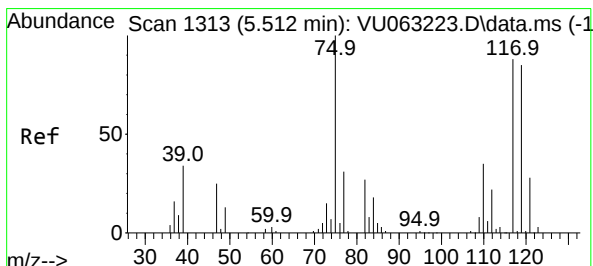
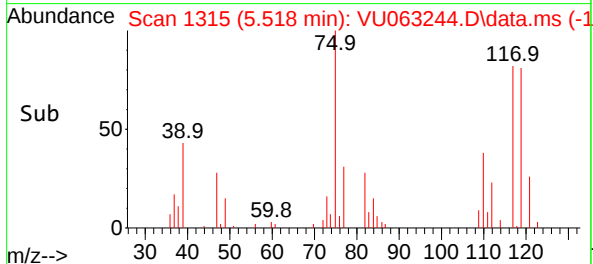
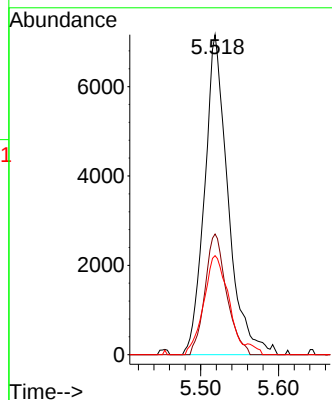
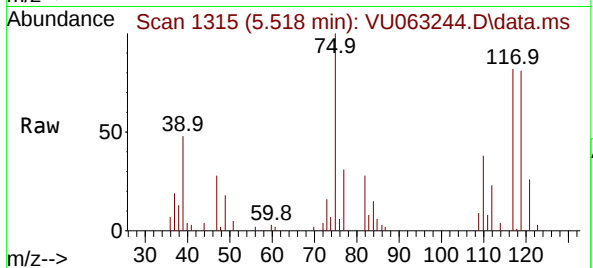
#29
1,1-Dichloropropene
Concen: 0.758 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.007 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion: 75 Resp: 1501
Ion Ratio Lower Upper
75 100
110 34.7 17.2 51.5
77 32.4 24.6 37.0

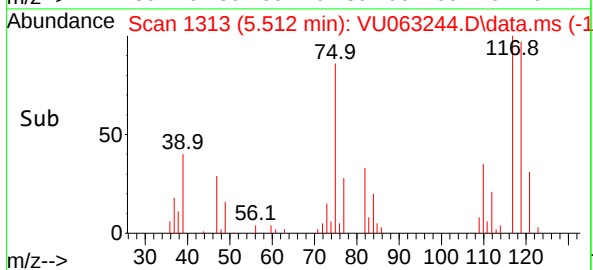
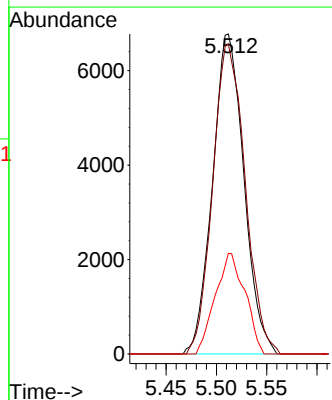
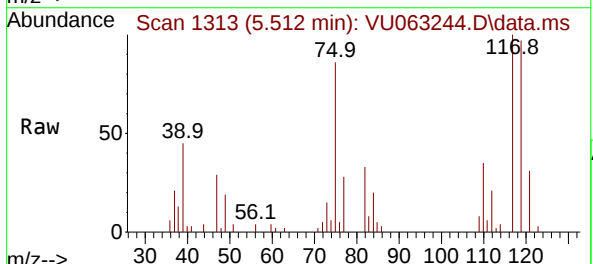
Manual Integrations
APPROVED

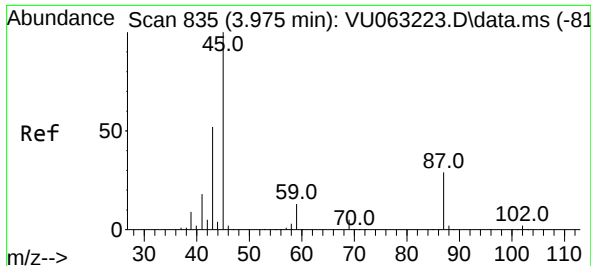
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#30
Carbon Tetrachloride
Concen: 0.775 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

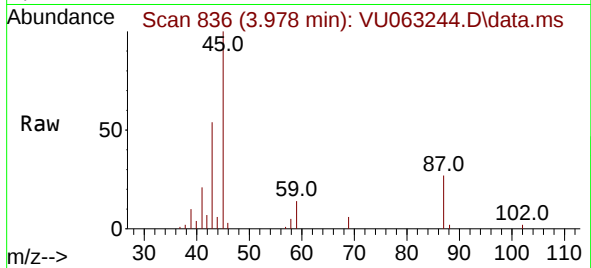
Tgt Ion:117 Resp: 14690
Ion Ratio Lower Upper
117 100
119 96.8 76.7 115.1
121 31.4 25.5 38.3





#31
Isopropyl Ether
Concen: 0.752 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

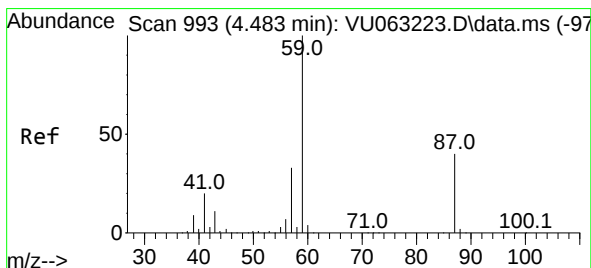
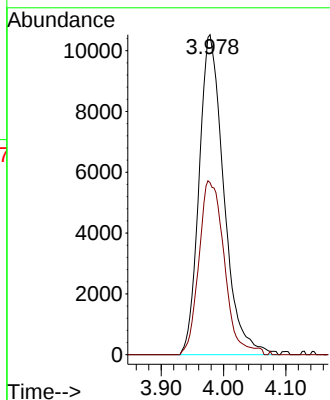
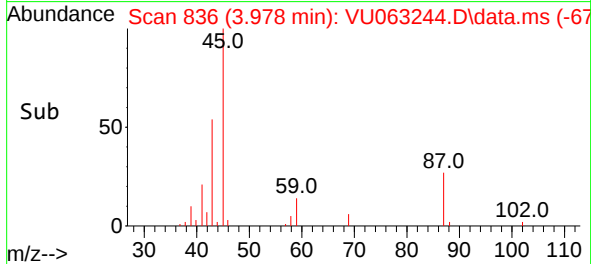
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



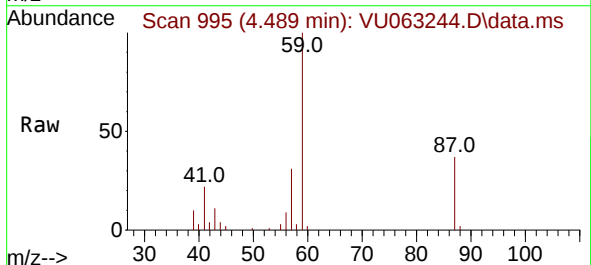
Tgt Ion: 45 Resp: 2902
Ion Ratio Lower Upper
45 100
43 55.8 25.7 77.1

Manual Integrations
APPROVED

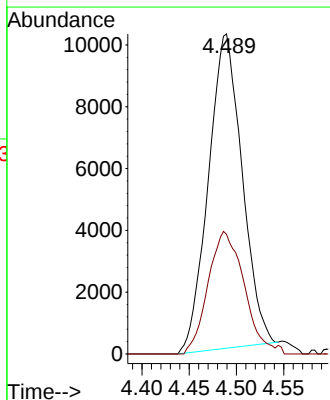
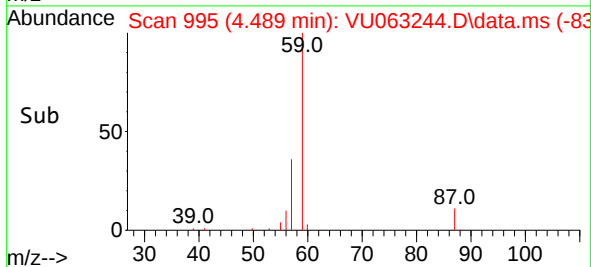
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

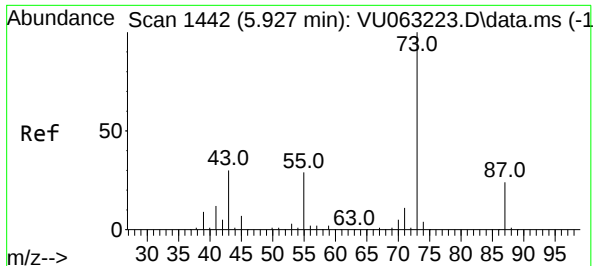


#32
Ethyl-t-butyl ether
Concen: 0.720 ug/l
RT: 4.489 min Scan# 995
Delta R.T. 0.007 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40



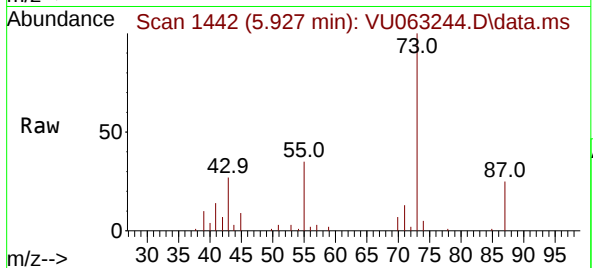
Tgt Ion: 59 Resp: 25279
Ion Ratio Lower Upper
59 100
87 41.8 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 0.733 ug/l
RT: 5.927 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

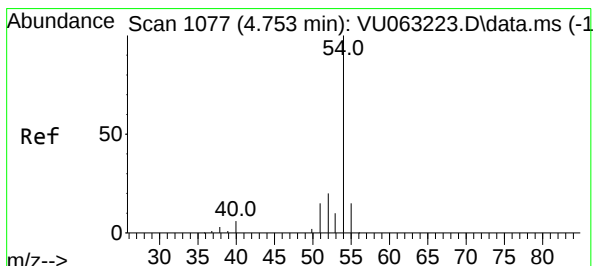
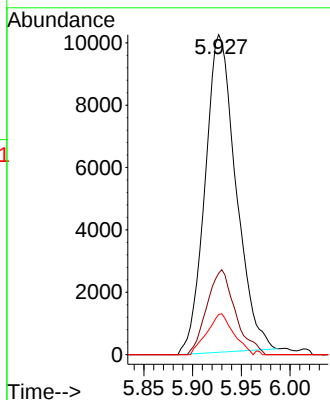
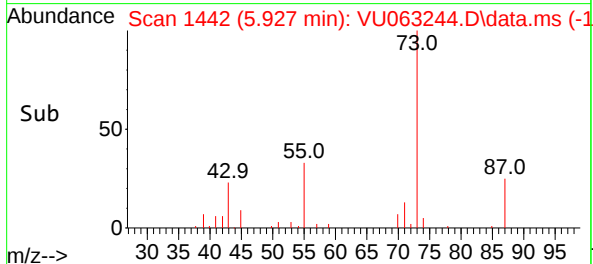
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



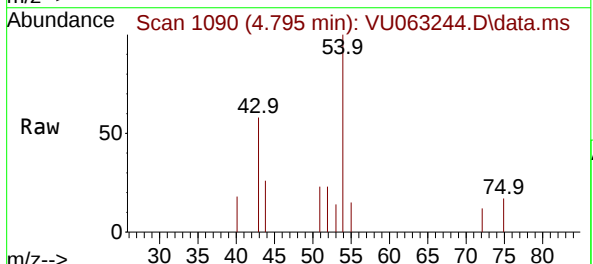
Tgt Ion: 73 Resp: 22470
Ion Ratio Lower Upper
73 100
87 24.6 18.9 28.3
71 11.1 9.0 13.4

Manual Integrations
APPROVED

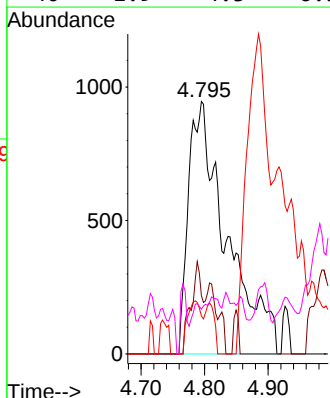
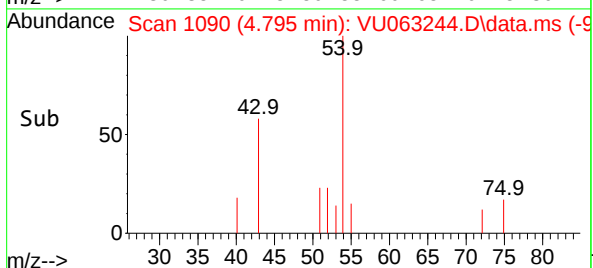
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

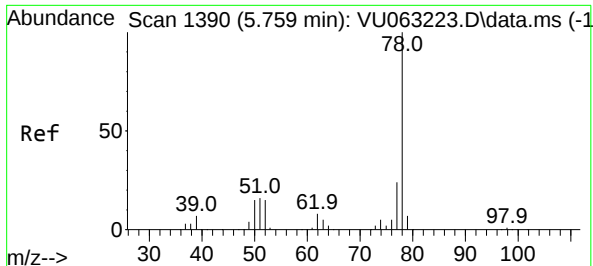


#34
Propionitrile
Concen: 3.677 ug/l m
RT: 4.795 min Scan# 1090
Delta R.T. 0.042 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40



Tgt Ion: 54 Resp: 3935
Ion Ratio Lower Upper
54 100
52 10.6 16.3 24.5#
55 7.9 11.8 17.6#
40 1.9 4.3 6.5#





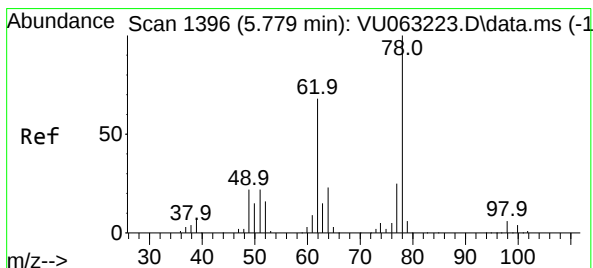
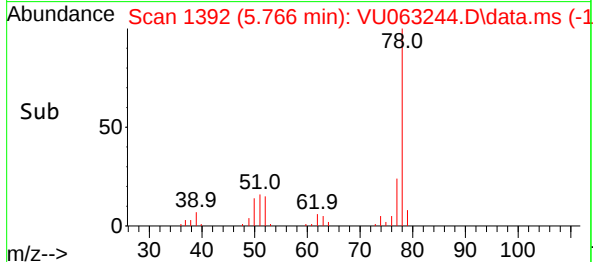
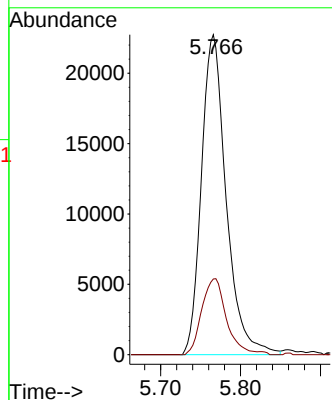
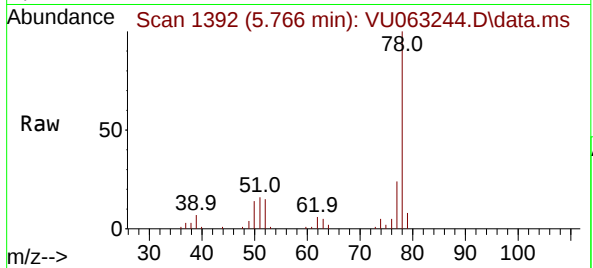
#35
Benzene
Concen: 0.805 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.007 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion: 78 Resp: 4898
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

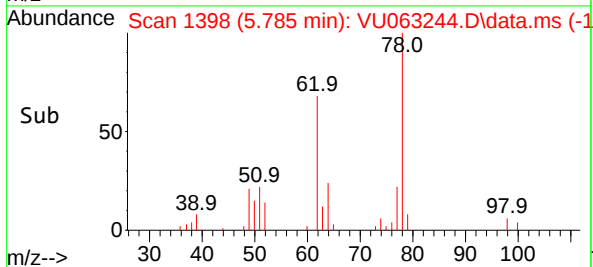
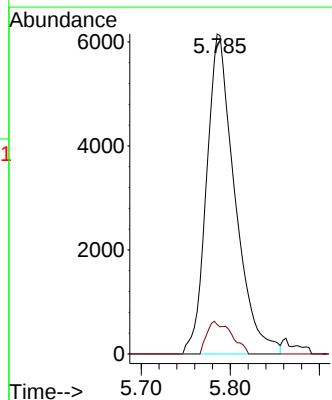
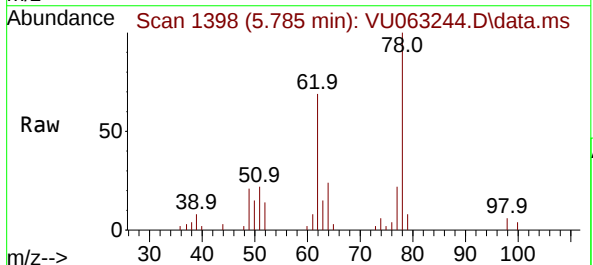
Manual Integrations
APPROVED

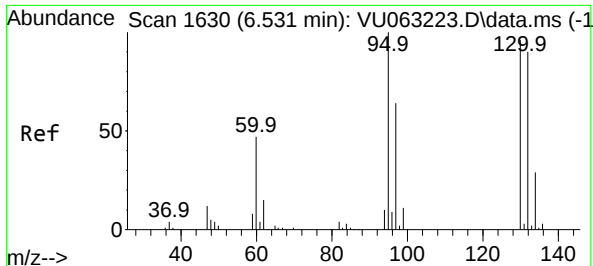
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#36
1,2-Dichloroethane
Concen: 0.772 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.007 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion: 62 Resp: 13566
Ion Ratio Lower Upper
62 100
98 8.8 6.9 10.3





#37

Trichloroethene

Concen: 0.805 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:130 Resp: 11650

Ion Ratio Lower Upper

130 100

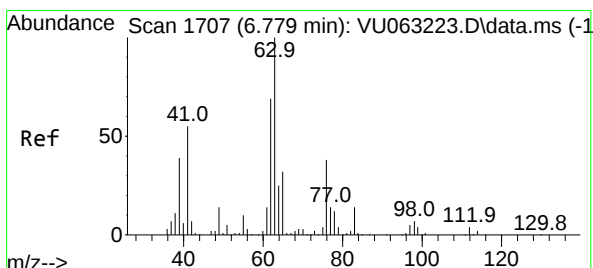
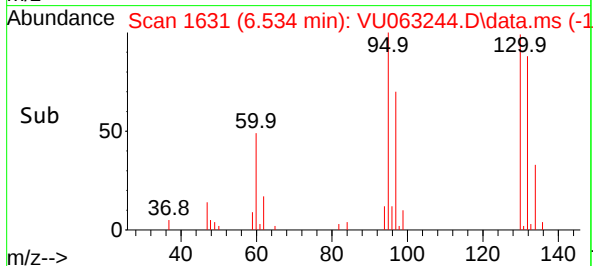
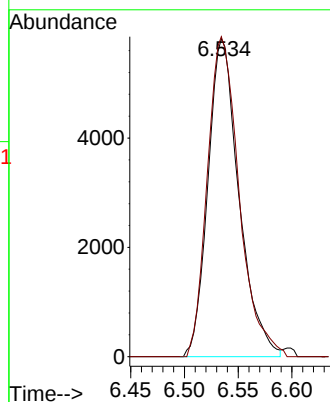
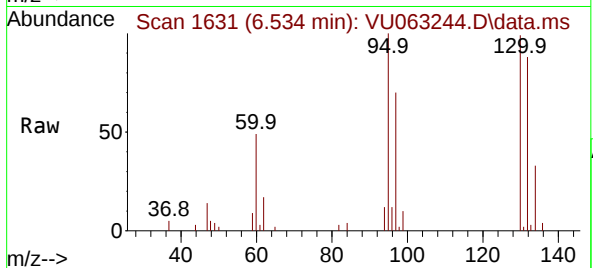
95 100.6 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#38

1,2-Dichloropropane

Concen: 0.819 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU063244.D

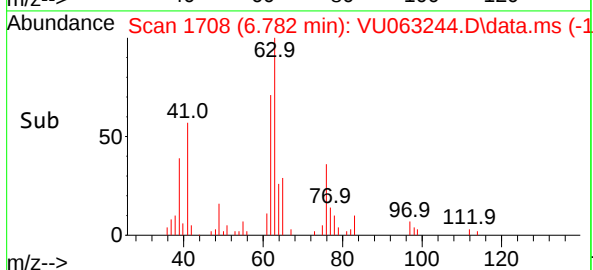
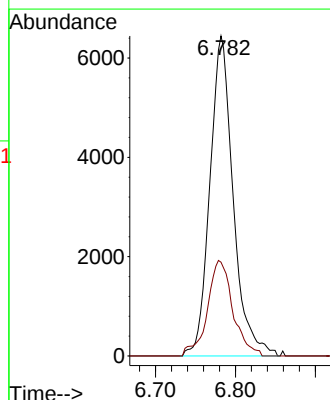
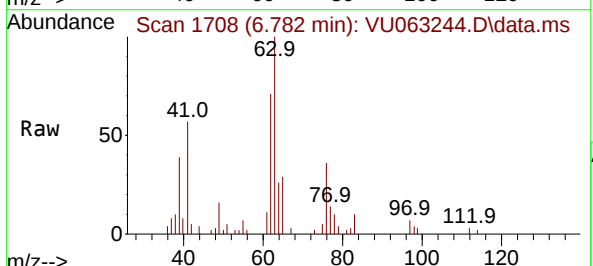
Acq: 11 Feb 2025 18:40

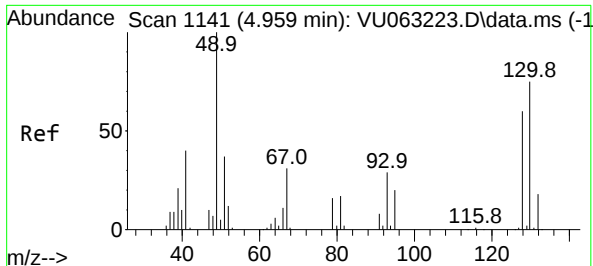
Tgt Ion: 63 Resp: 13046

Ion Ratio Lower Upper

63 100

65 29.3 25.3 37.9





#39

Methacrylonitrile

Concen: 0.646 ug/l m

RT: 4.981 min Scan# 1141

Delta R.T. 0.023 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 41 Resp: 2570

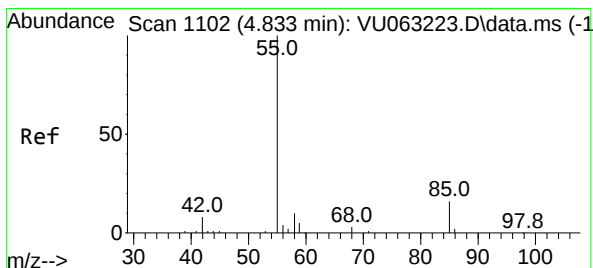
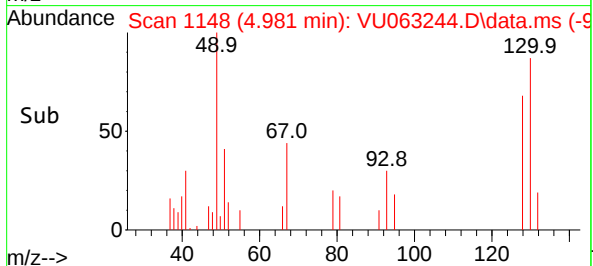
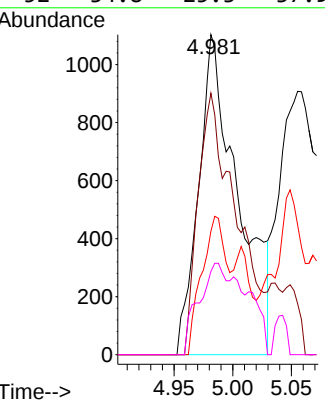
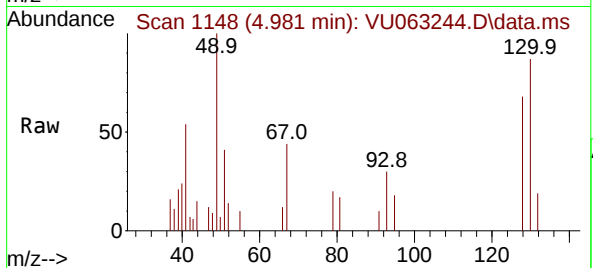
Ion	Ratio	Lower	Upper
41	100		
67	79.1	64.5	96.7
39	27.0	43.0	64.6
52	34.8	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#40

Methyl acrylate

Concen: 0.724 ug/l m

RT: 4.885 min Scan# 1118

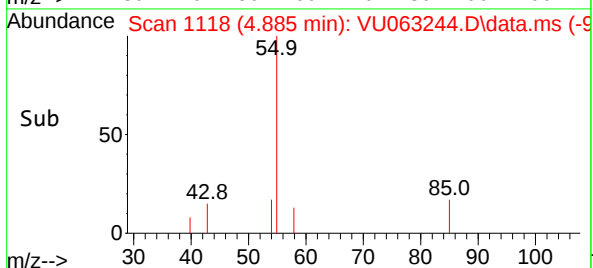
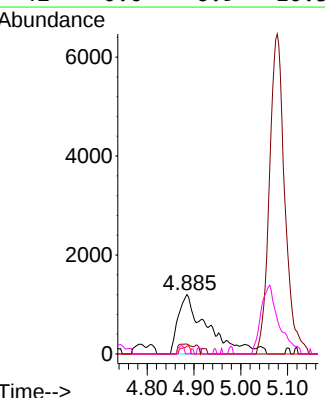
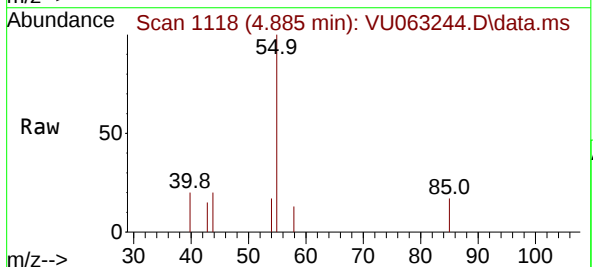
Delta R.T. 0.052 min

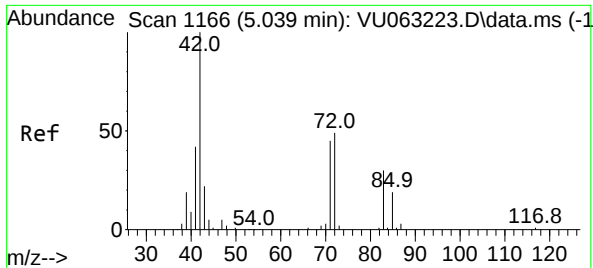
Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Tgt Ion: 55 Resp: 5319

Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9#
58	0.0	7.3	10.9#
42	0.0	6.9	10.3#





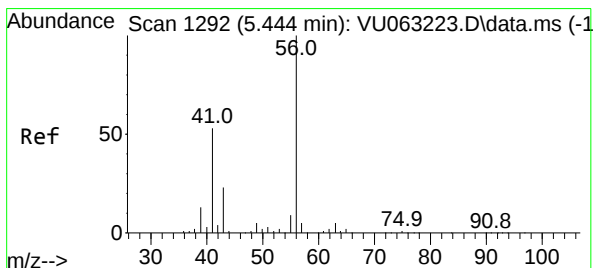
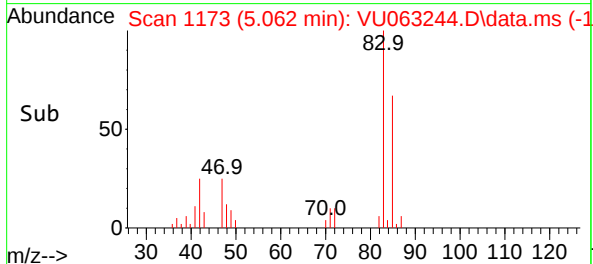
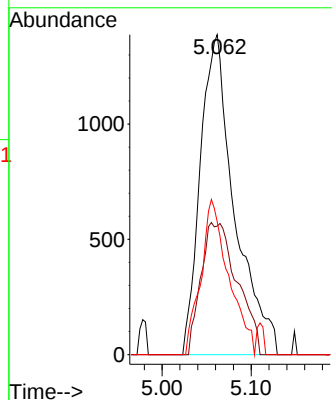
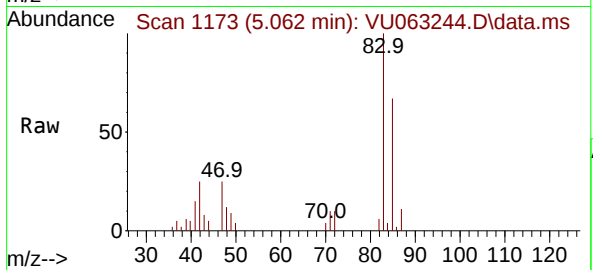
#41
Tetrahydrofuran
Concen: 1.596 ug/l
RT: 5.062 min Scan# 1166
Delta R.T. 0.023 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion: 42 Resp: 370
Ion Ratio Lower Upper
42 100
72 43.8 41.5 62.3
71 39.2 37.2 55.8

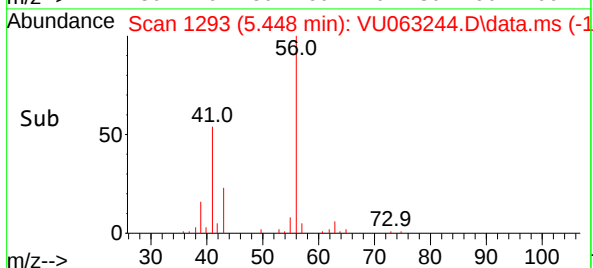
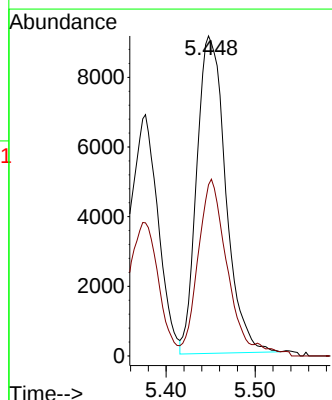
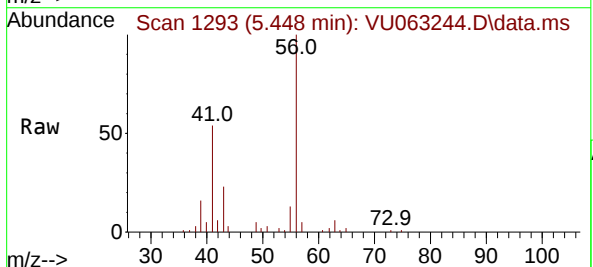
Manual Integrations
APPROVED

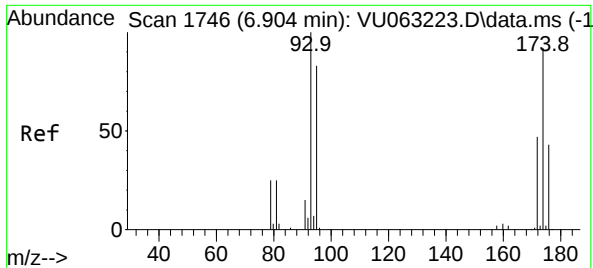
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#42
1-Chlorobutane
Concen: 0.759 ug/l
RT: 5.448 min Scan# 1293
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

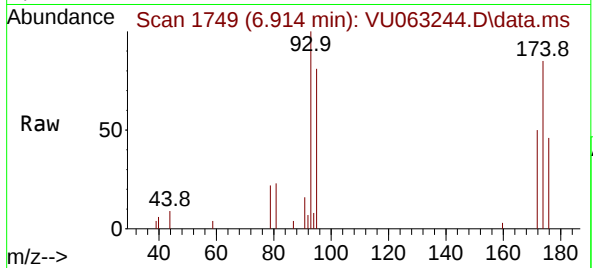
Tgt Ion: 56 Resp: 20561
Ion Ratio Lower Upper
56 100
41 56.9 26.3 78.8





#43
 Dibromomethane
 Concen: 0.824 ug/l
 RT: 6.914 min Scan# 1749
 Delta R.T. 0.010 min
 Lab File: VU063244.D
 Acq: 11 Feb 2025 18:40

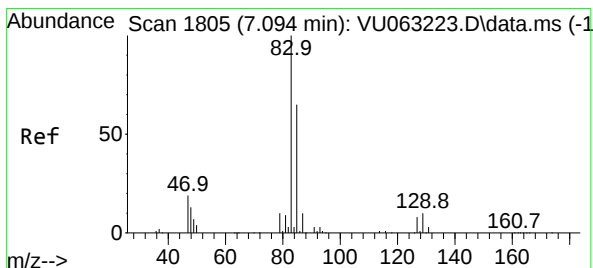
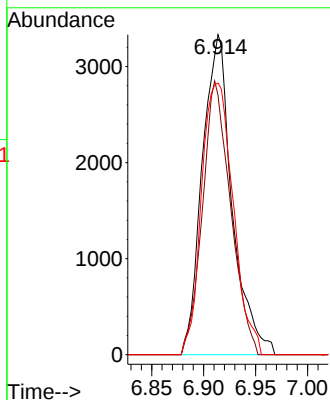
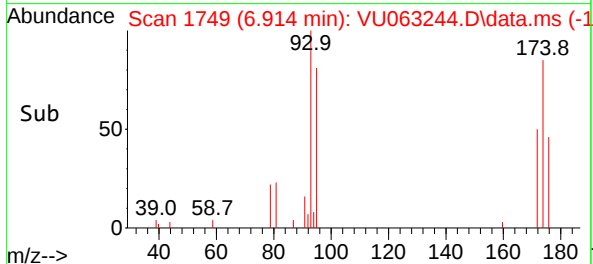
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



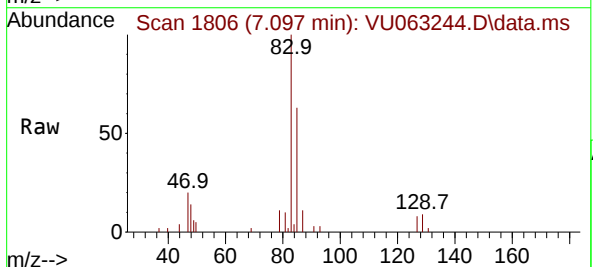
Tgt Ion: 93 Resp: 6652
 Ion Ratio Lower Upper
 93 100
 95 80.4 67.2 100.8
 174 89.7 75.7 113.5

Manual Integrations
 APPROVED

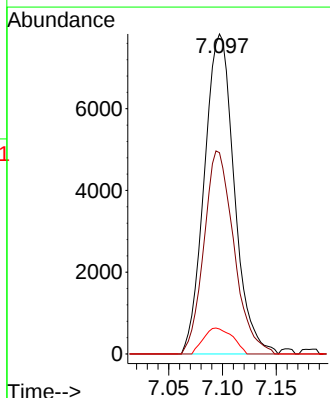
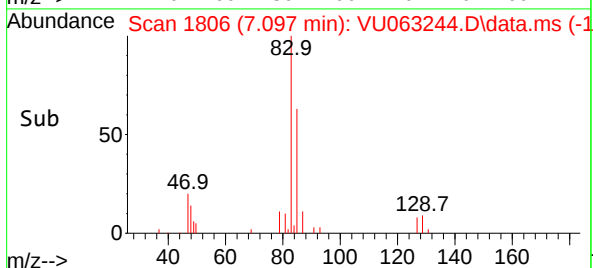
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

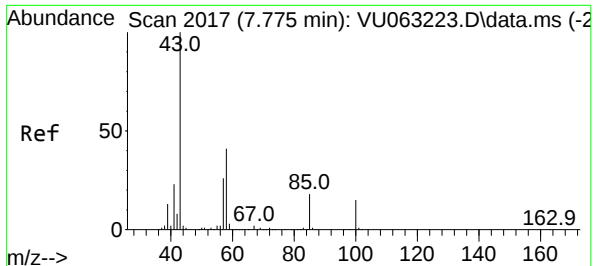


#44
 Bromodichloromethane
 Concen: 0.806 ug/l
 RT: 7.097 min Scan# 1806
 Delta R.T. 0.003 min
 Lab File: VU063244.D
 Acq: 11 Feb 2025 18:40



Tgt Ion: 83 Resp: 15142
 Ion Ratio Lower Upper
 83 100
 85 62.9 51.7 77.5
 127 7.8 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 3.461 ug/l m

RT: 7.782 min Scan# 2017

Delta R.T. 0.007 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

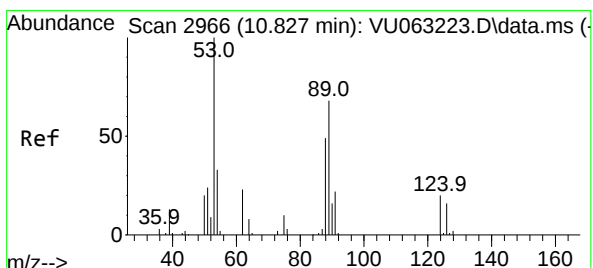
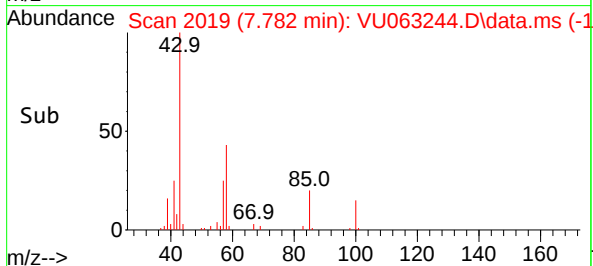
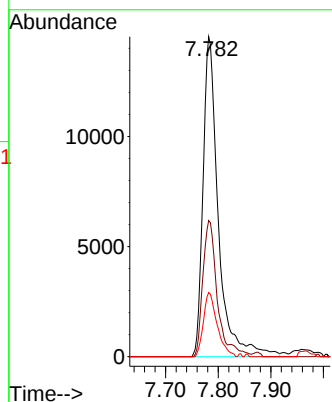
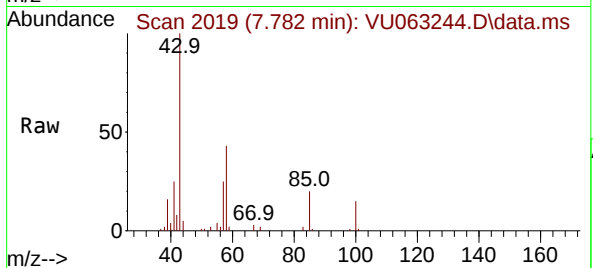
Tgt Ion: 43	Resp: 2928
Ion Ratio	Lower Upper
43 100	
58 40.5	20.8 62.5
85 18.0	14.8 22.2

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: 1.477 ug/l m

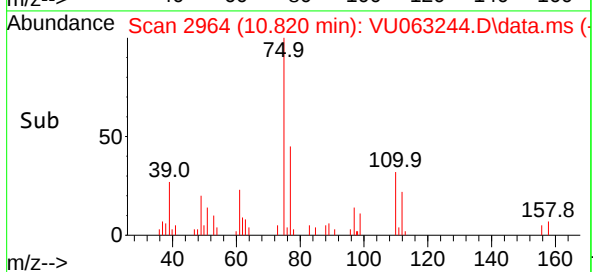
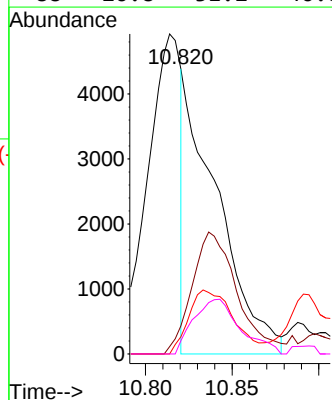
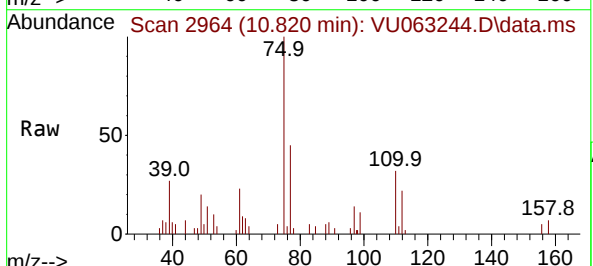
RT: 10.820 min Scan# 2964

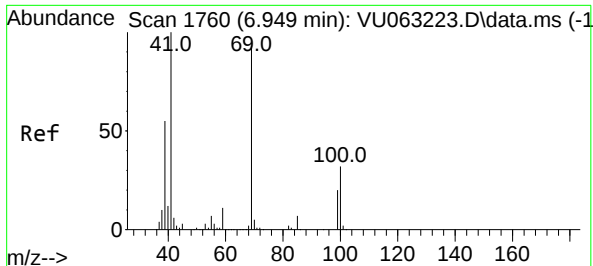
Delta R.T. -0.006 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Tgt Ion: 75	Resp: 5874
Ion Ratio	Lower Upper
75 100	
53 58.2	64.5 96.7#
89 29.9	43.4 65.2#
88 26.8	31.2 46.8#





#47

Methyl methacrylate

Concen: 1.385 ug/l

RT: 6.959 min Scan# 1763

Delta R.T. 0.010 min

Lab File: VU063244.D

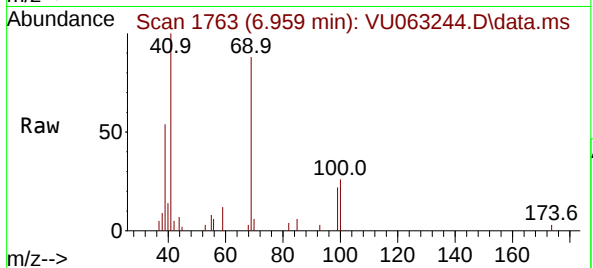
Acq: 11 Feb 2025 18:40

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 69 Resp: 941

Ion Ratio Lower Upper

69 100

41 104.7 0.0 217.0

39 63.4 47.7 71.5

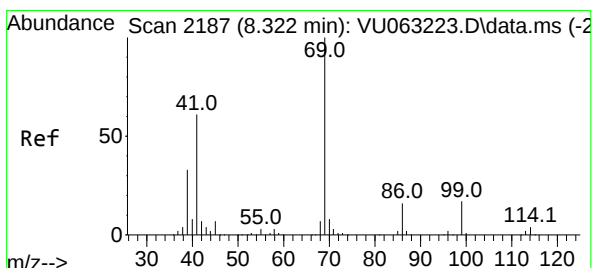
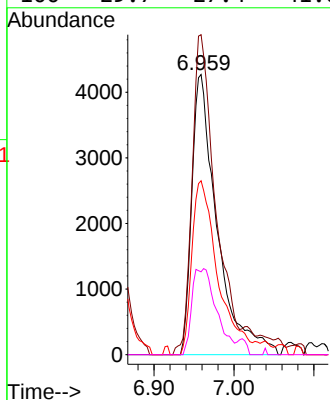
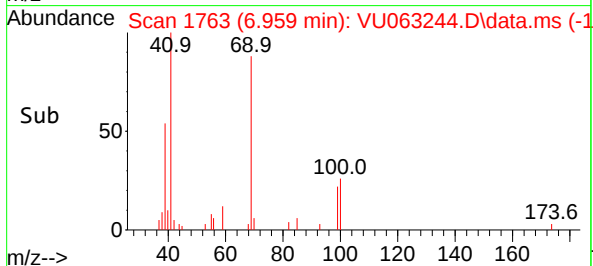
100 29.7 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#48

Ethyl methacrylate

Concen: 0.656 ug/l

RT: 8.329 min Scan# 2189

Delta R.T. 0.007 min

Lab File: VU063244.D

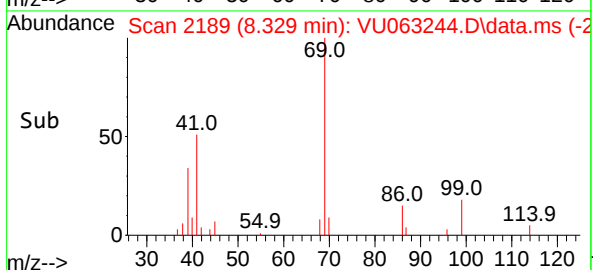
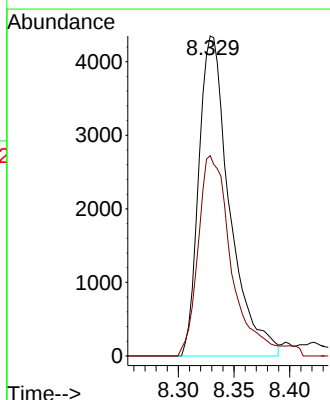
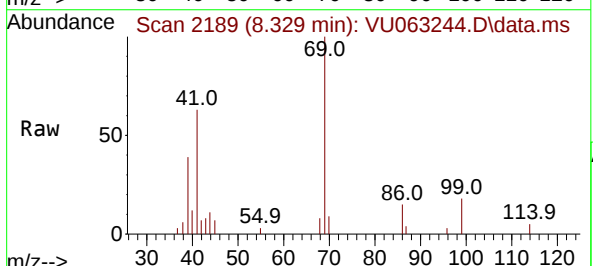
Acq: 11 Feb 2025 18:40

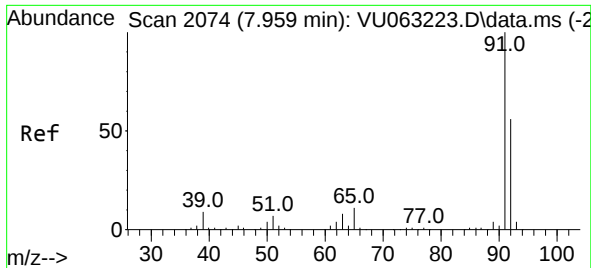
Tgt Ion: 69 Resp: 8369

Ion Ratio Lower Upper

69 100

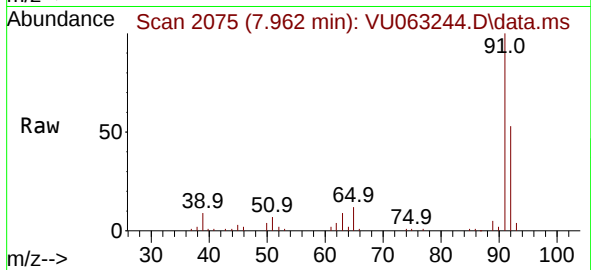
41 67.5 30.6 92.0





#49
Toluene
Concen: 0.711 ug/l
RT: 7.962 min Scan# 2074
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

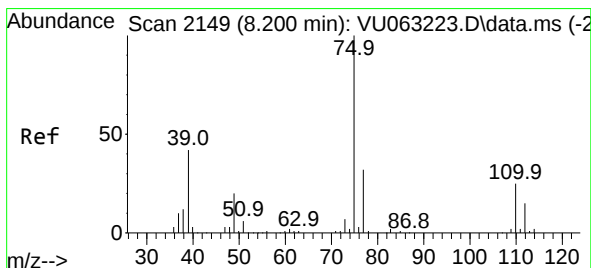
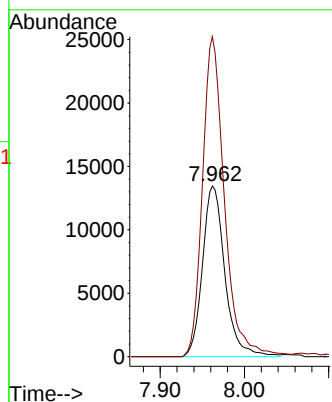
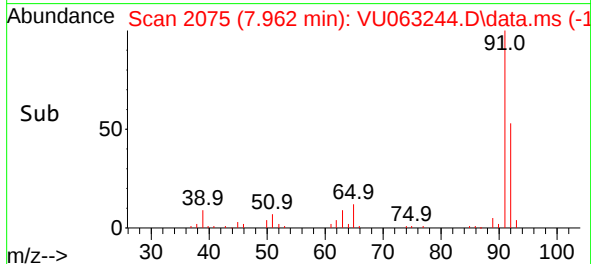
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 92 Resp: 24890
Ion Ratio Lower Upper
92 100
91 184.0 141.8 212.6

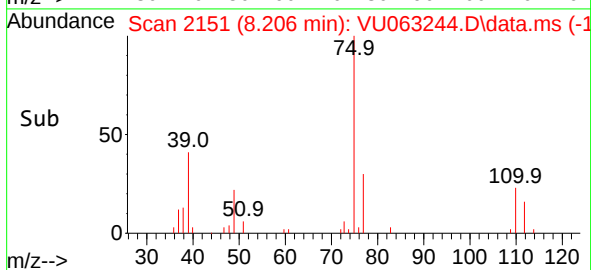
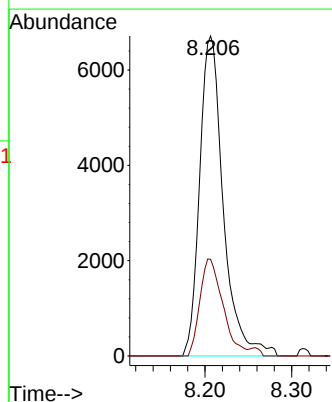
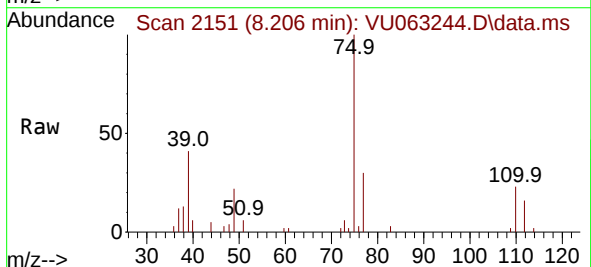
Manual Integrations
APPROVED

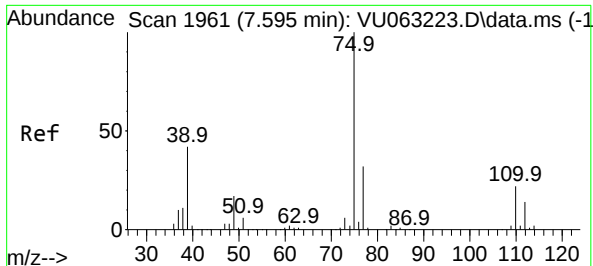
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#50
t-1,3-Dichloropropene
Concen: 0.739 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.007 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion: 75 Resp: 12700
Ion Ratio Lower Upper
75 100
77 30.2 25.9 38.9





#51

cis-1,3-Dichloropropene

Concen: 0.772 ug/l

RT: 7.599 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

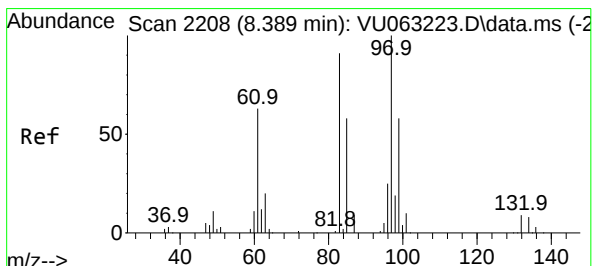
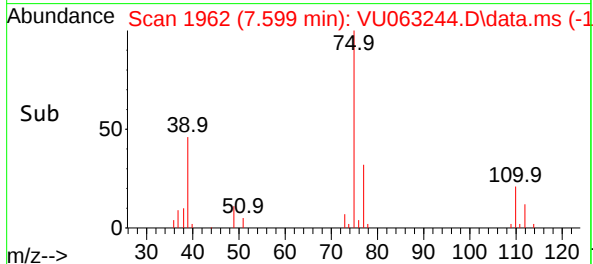
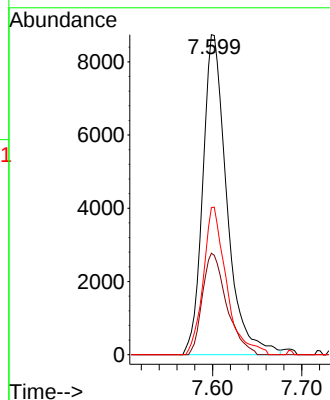
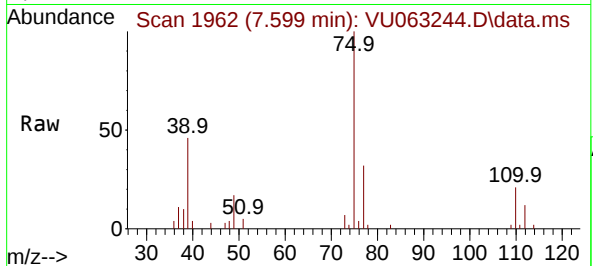
Tgt Ion:	75	Resp:	16394
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.3	37.9
39	46.0	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#52

1,1,2-Trichloroethane

Concen: 0.807 ug/l

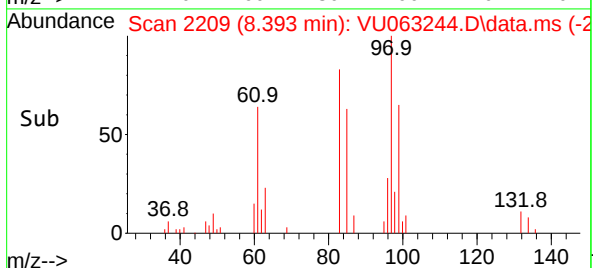
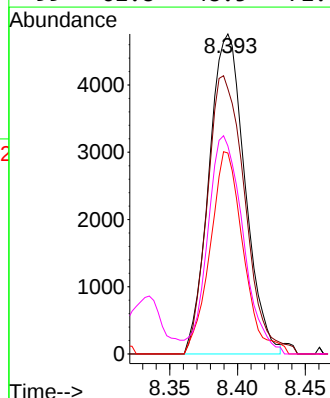
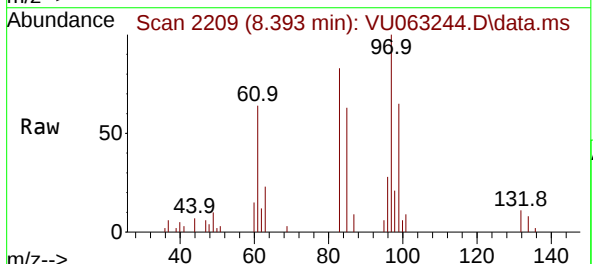
RT: 8.393 min Scan# 2209

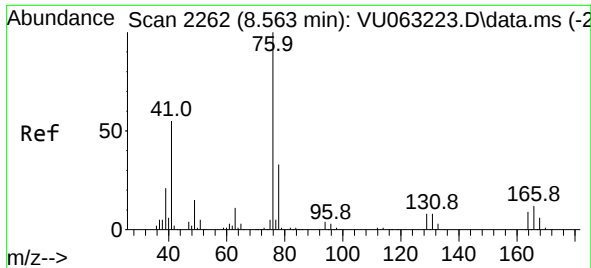
Delta R.T. 0.003 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Tgt Ion:	97	Resp:	8777
Ion	Ratio	Lower	Upper
97	100		
83	82.9	73.0	109.4
85	62.8	46.3	69.5
99	62.8	48.5	72.7





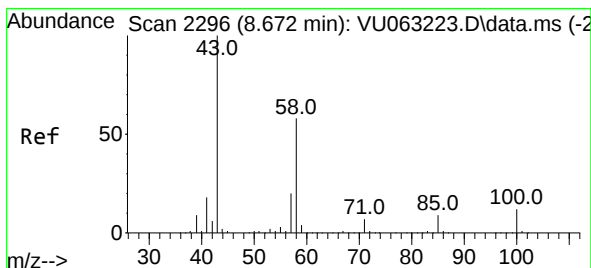
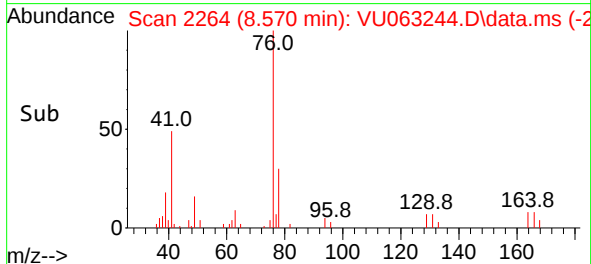
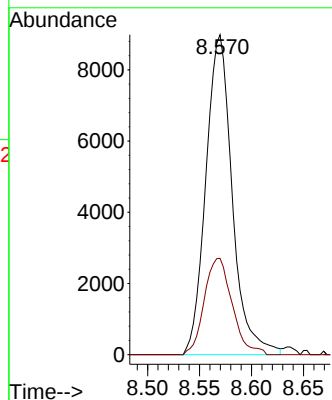
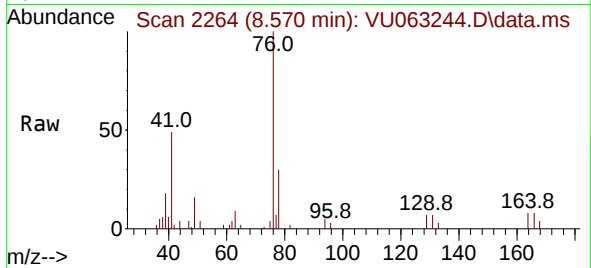
#53
1,3-Dichloropropane
Concen: 0.823 ug/l
RT: 8.570 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion: 76 Resp: 1588
Ion Ratio Lower Upper
76 100
78 31.7 26.3 39.5

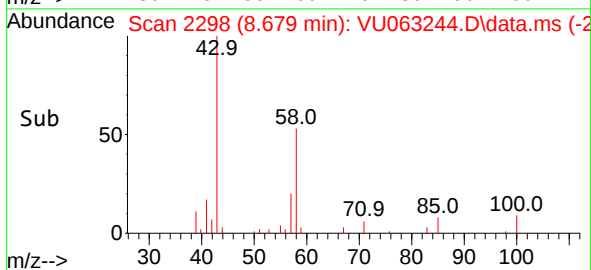
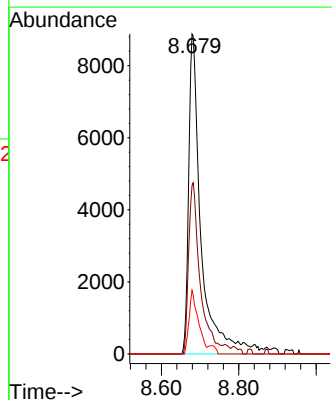
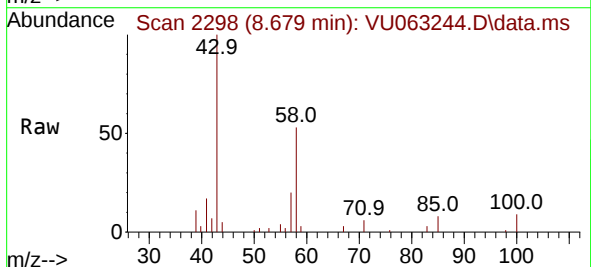
Manual Integrations
APPROVED

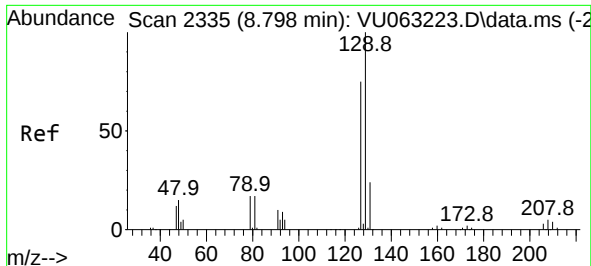
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#54
2-Hexanone
Concen: 3.491 ug/l m
RT: 8.679 min Scan# 2298
Delta R.T. 0.007 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

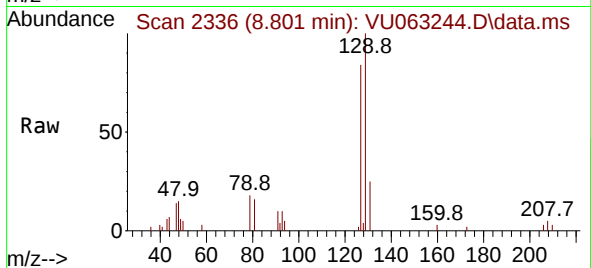
Tgt Ion: 43 Resp: 20157
Ion Ratio Lower Upper
43 100
58 48.4 38.0 78.0
57 14.5 0.0 39.1





#55
Dibromochloromethane
Concen: 0.788 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

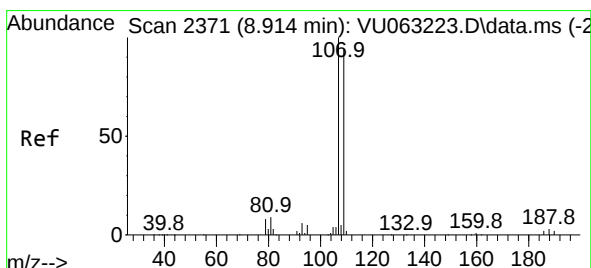
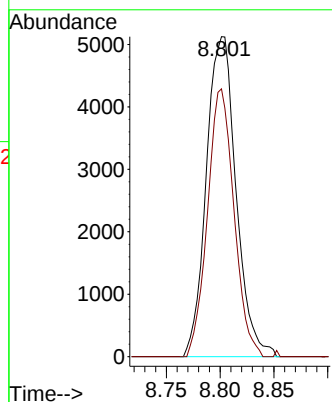
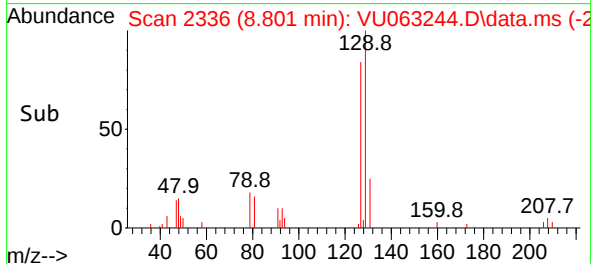
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:129 Resp: 986
Ion Ratio Lower Upper
129 100
127 74.4 60.4 90.6

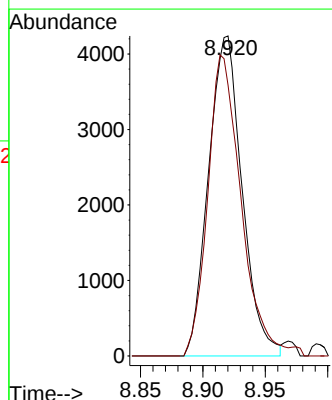
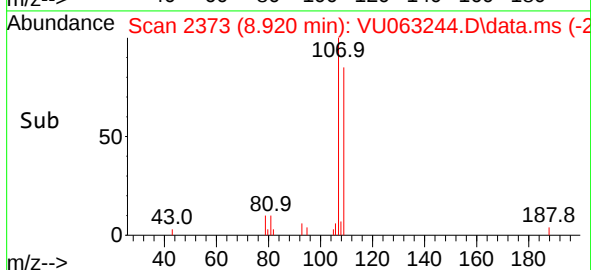
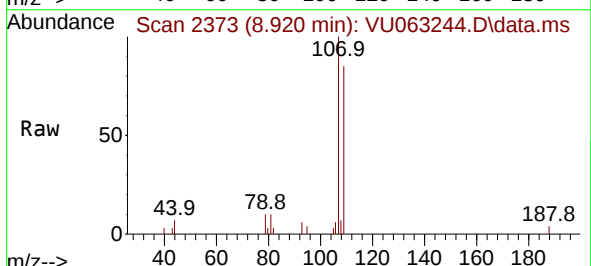
Manual Integrations
APPROVED

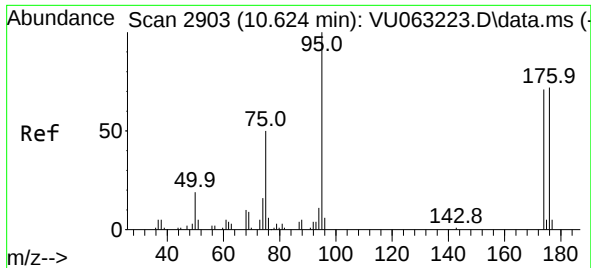
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#56
1,2-Dibromoethane
Concen: 0.779 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.007 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

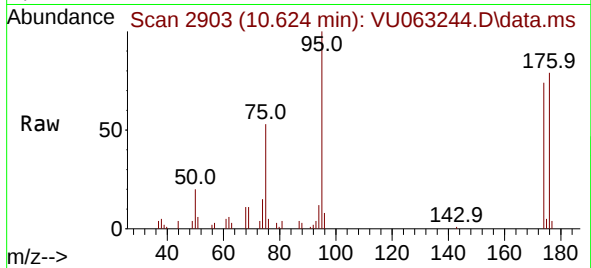
Tgt Ion:107 Resp: 7947
Ion Ratio Lower Upper
107 100
109 92.9 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 0.958 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

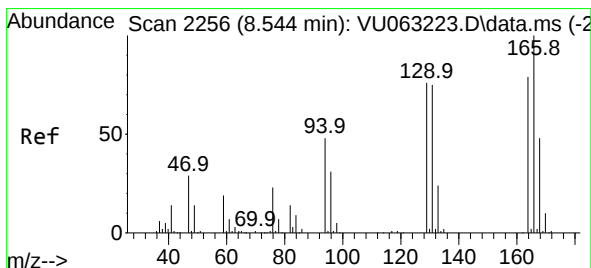
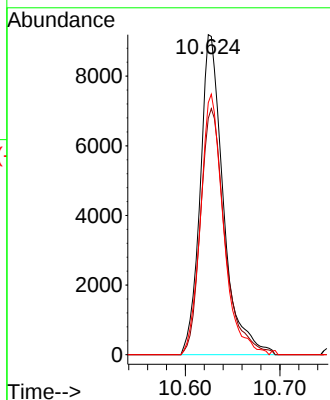
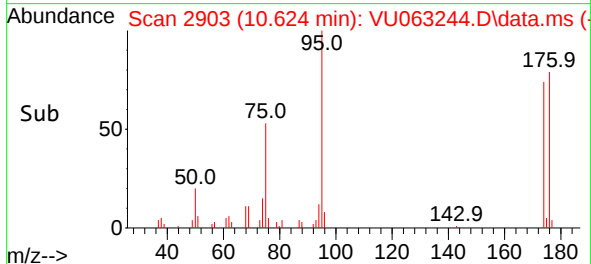
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



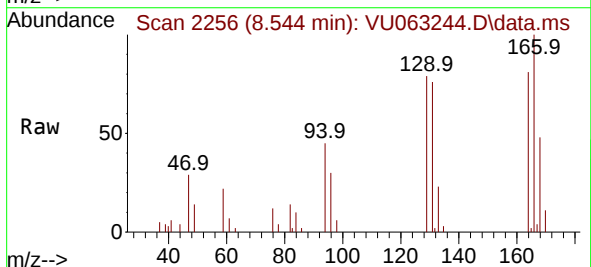
Tgt Ion: 95 Resp: 1565
Ion Ratio Lower Upper
95 100
174 80.6 58.6 88.0
176 80.4 58.2 87.4

Manual Integrations
APPROVED

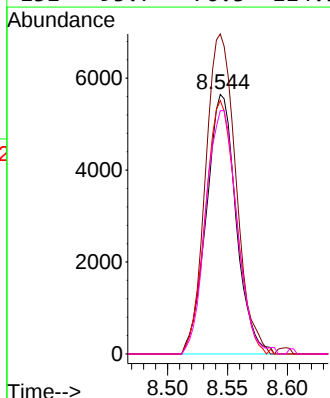
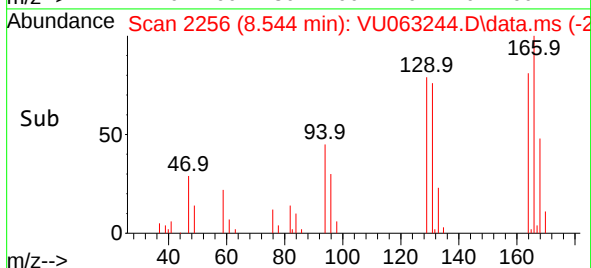
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

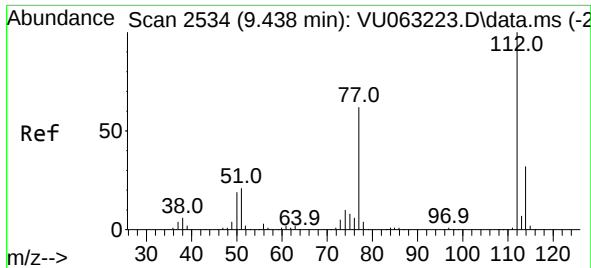


#58
Tetrachloroethene
Concen: 0.815 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40



Tgt Ion:164 Resp: 9731
Ion Ratio Lower Upper
164 100
166 123.3 101.4 152.0
129 97.6 77.0 115.4
131 93.7 76.3 114.5





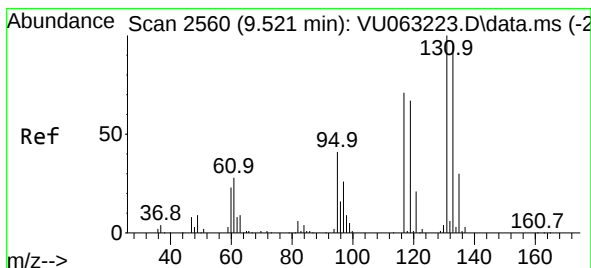
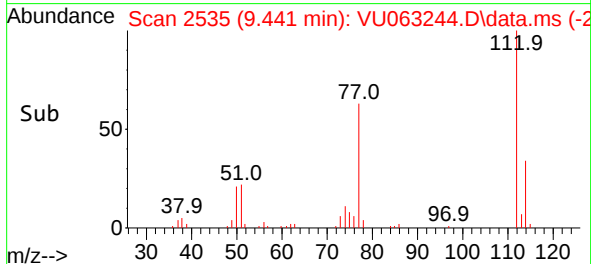
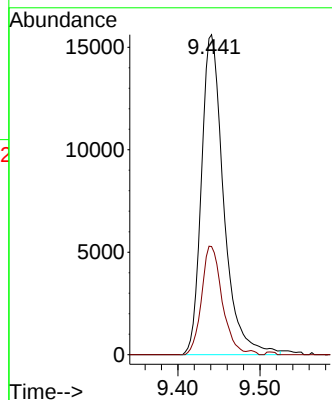
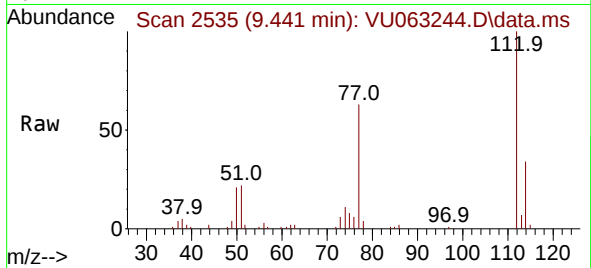
#59
Chlorobenzene
Concen: 0.796 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion:112 Resp: 2941
Ion Ratio Lower Upper
112 100
114 33.8 25.7 38.5

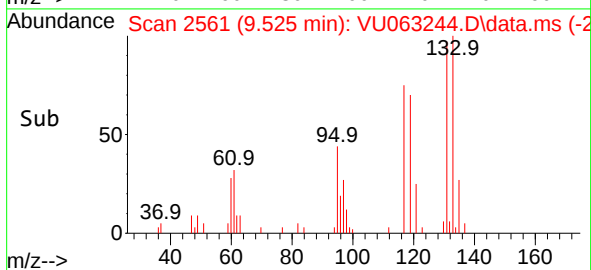
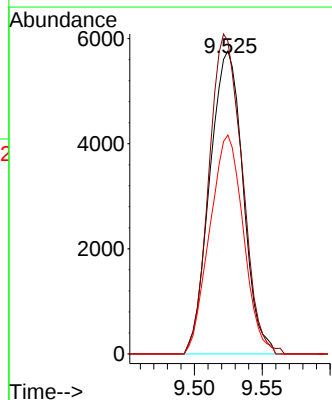
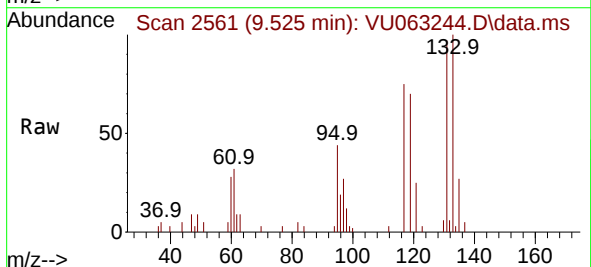
Manual Integrations
APPROVED

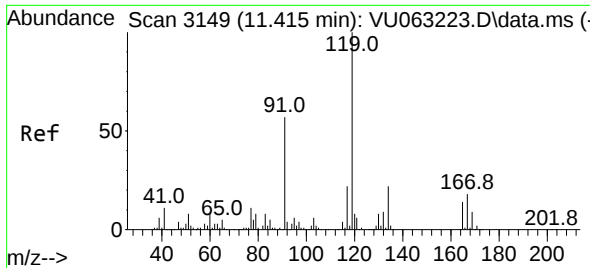
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.739 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion:131 Resp: 9814
Ion Ratio Lower Upper
131 100
133 105.4 76.7 115.1
119 73.1 54.4 81.6





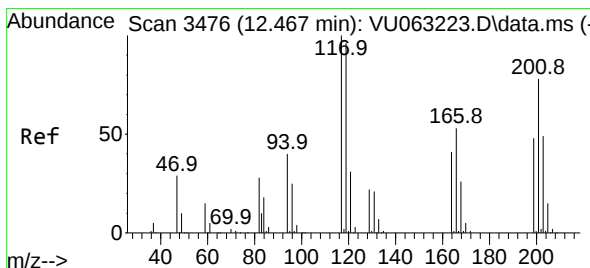
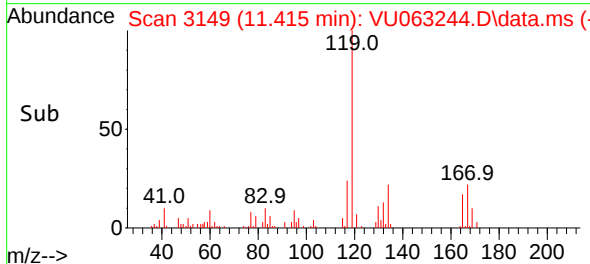
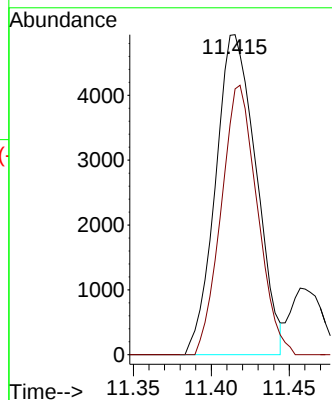
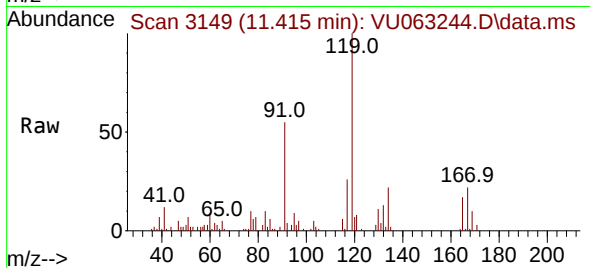
#61
Pentachloroethane
Concen: 0.751 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion:117 Resp: 891
Ion Ratio Lower Upper
117 100
167 75.0 65.0 97.6

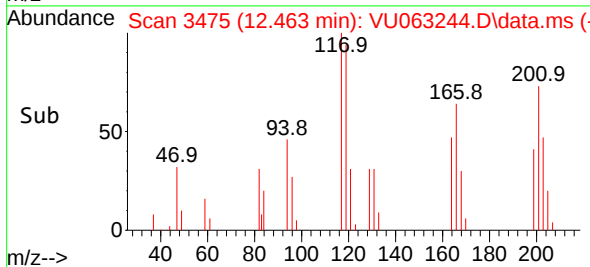
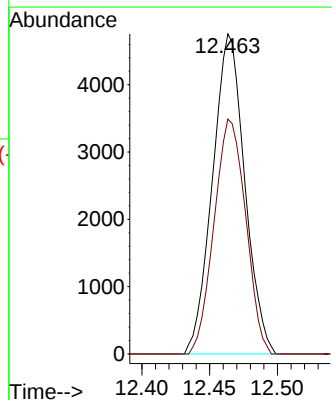
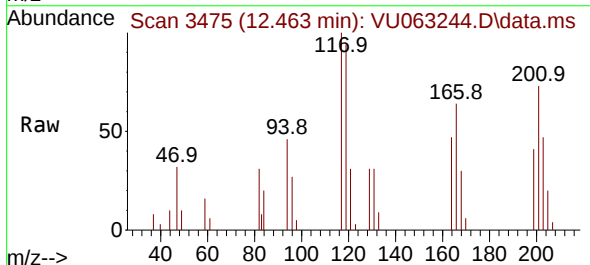
Manual Integrations
APPROVED

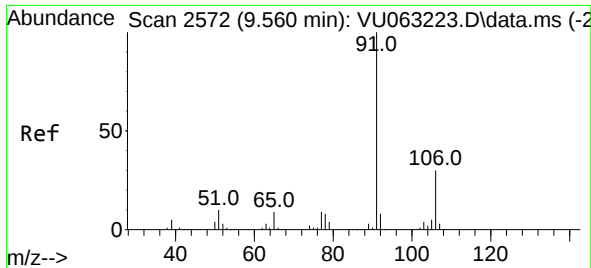
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#62
Hexachloroethane
Concen: 0.749 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion:117 Resp: 7864
Ion Ratio Lower Upper
117 100
201 71.9 61.3 91.9





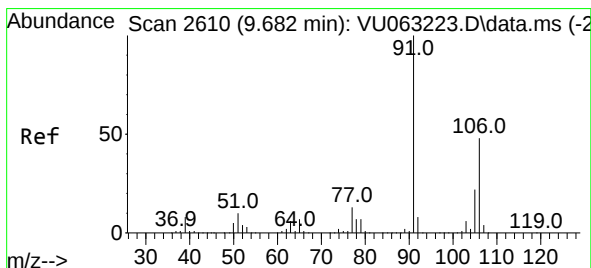
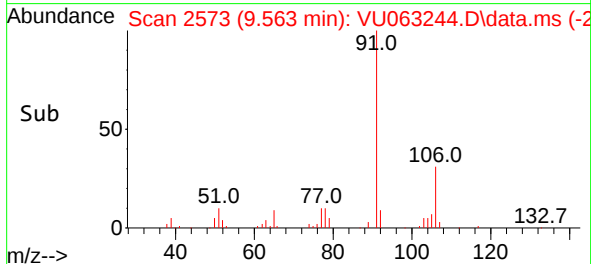
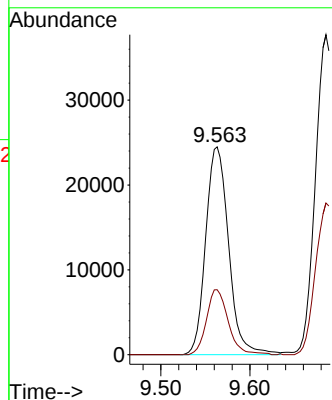
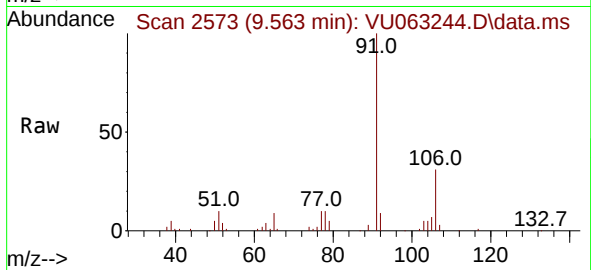
#63
Ethyl Benzene
Concen: 0.688 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion: 91 Resp: 4384
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.2

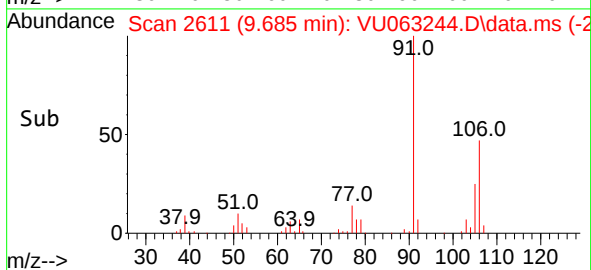
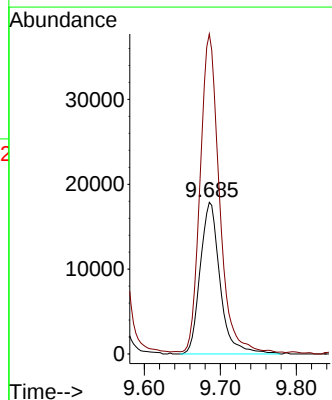
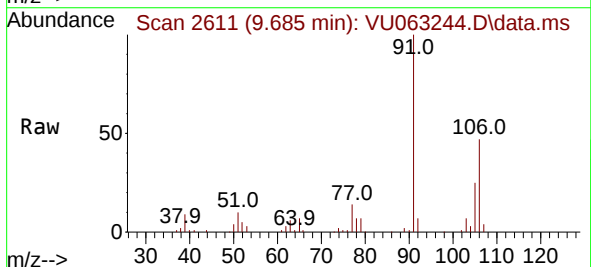
Manual Integrations
APPROVED

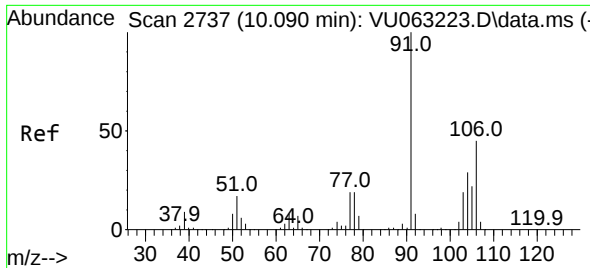
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#64
m/p-Xylenes
Concen: 1.360 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion:106 Resp: 32379
Ion Ratio Lower Upper
106 100
91 203.9 166.9 250.3





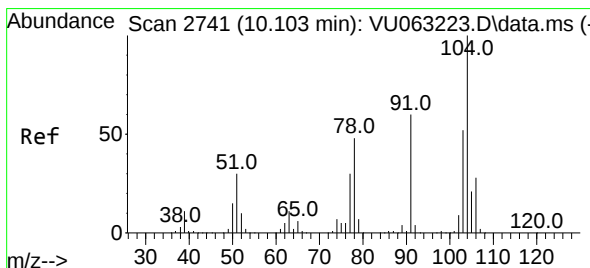
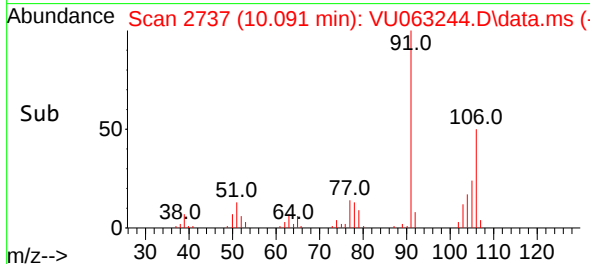
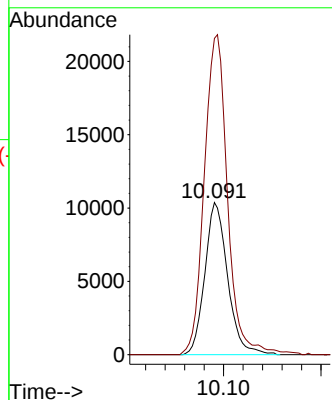
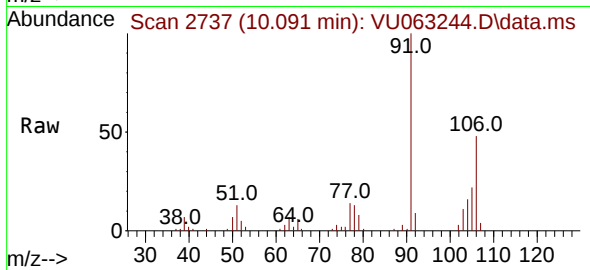
#65
o-Xylene
Concen: 0.724 ug/l
RT: 10.091 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion:106 Resp: 16864
Ion Ratio Lower Upper
106 100
91 214.6 110.9 332.9

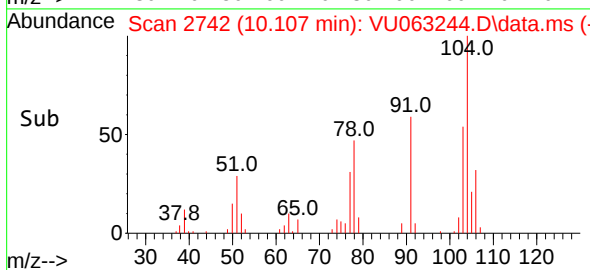
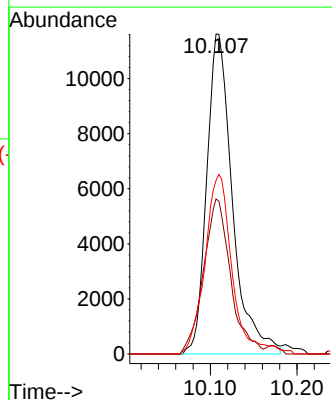
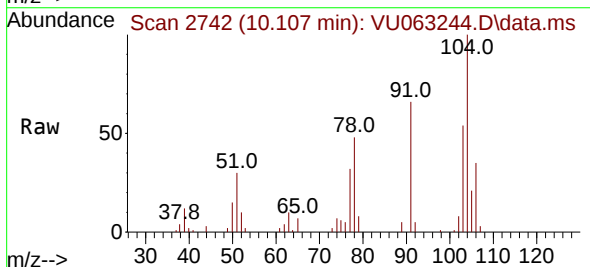
Manual Integrations
APPROVED

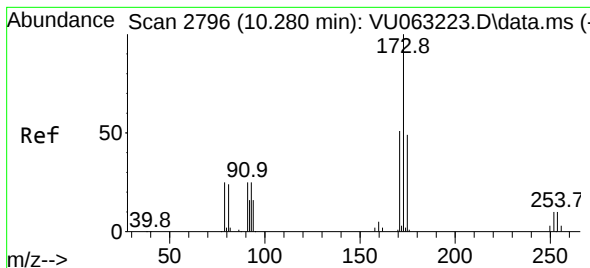
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#66
Styrene
Concen: 0.648 ug/l
RT: 10.107 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion:104 Resp: 24030
Ion Ratio Lower Upper
104 100
78 51.0 41.2 61.8
103 59.0 44.8 67.2





#67

Bromoform

Concen: 0.742 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

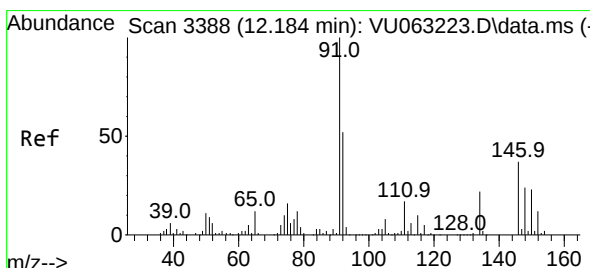
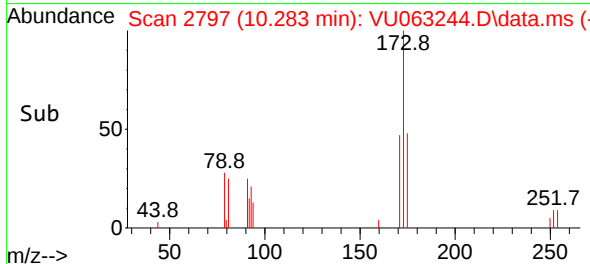
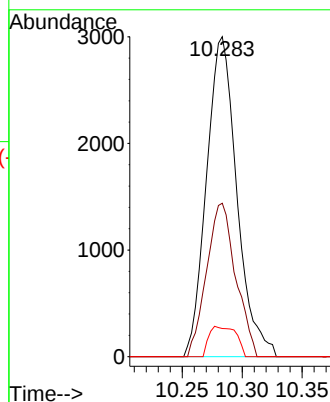
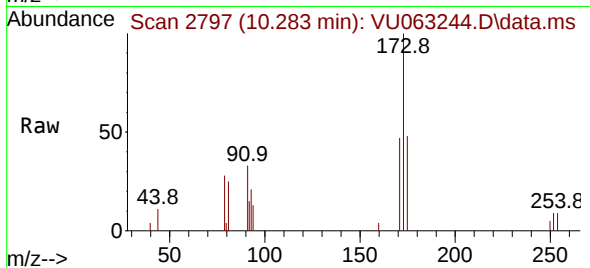
Tgt Ion:173	Resp:	527
Ion Ratio	Lower	Upper
173	100	
175	46.0	39.0 58.4
254	8.4	7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.970 ug/l

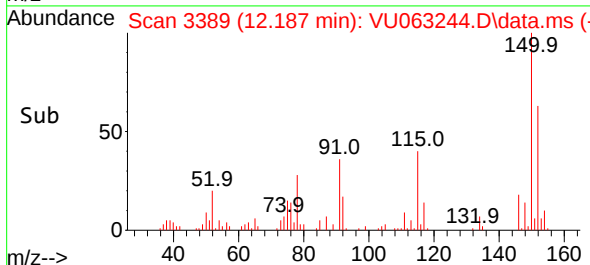
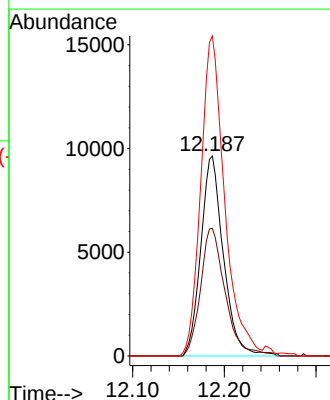
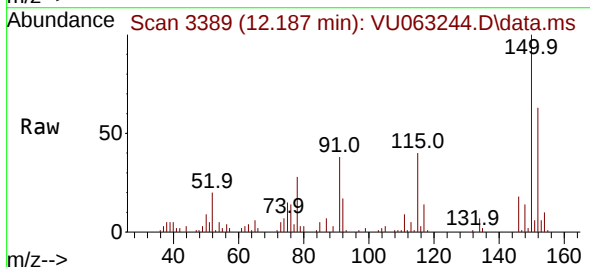
RT: 12.187 min Scan# 3389

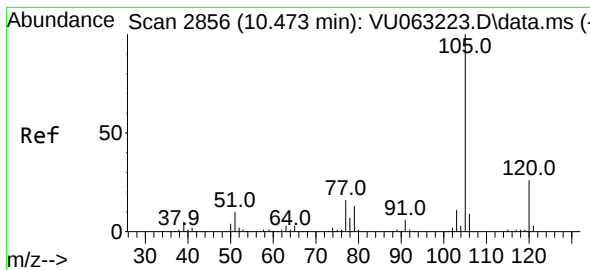
Delta R.T. 0.003 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Tgt Ion:152	Resp:	16491
Ion Ratio	Lower	Upper
152	100	
115	69.9	0.0 275.2
150	168.8	0.0 658.4





#69

Isopropylbenzene

Concen: 0.674 ug/l

RT: 10.476 min Scan# 2856

Delta R.T. 0.003 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

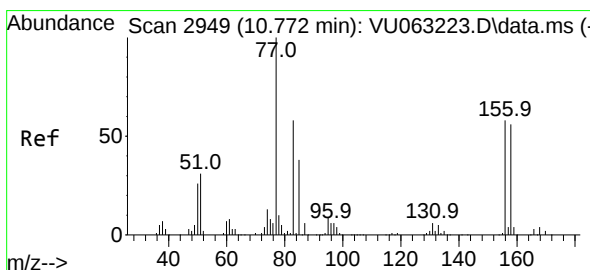
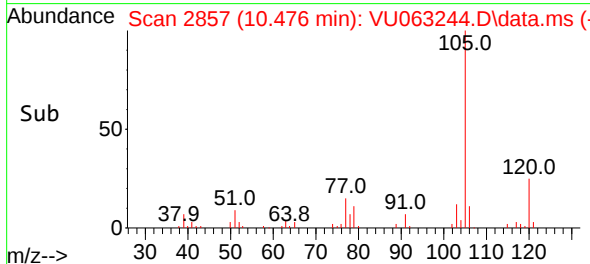
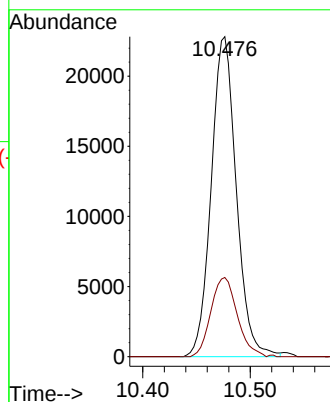
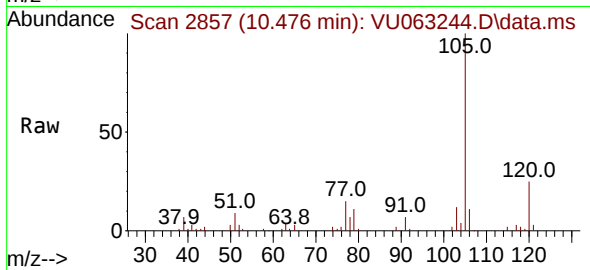
Tgt Ion:105 Resp: 3694
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 0.768 ug/l

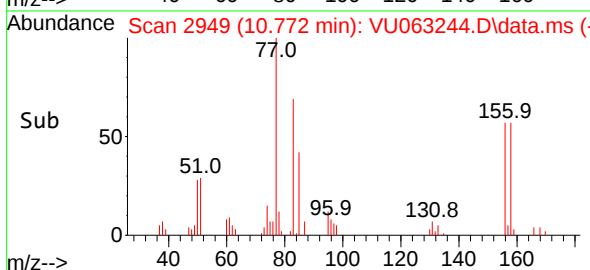
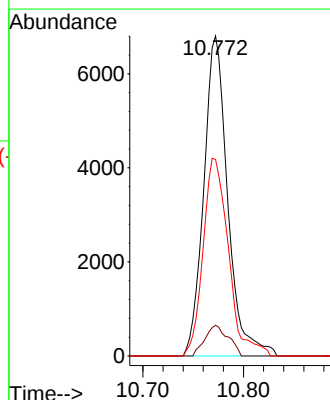
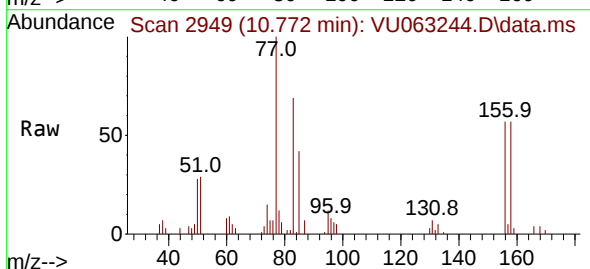
RT: 10.772 min Scan# 2949

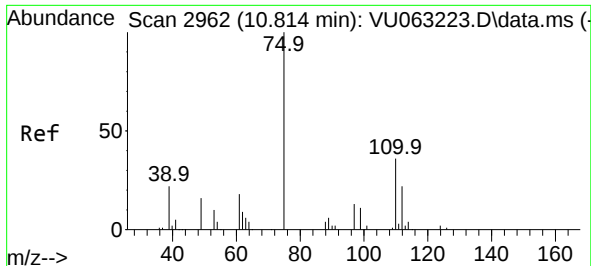
Delta R.T. 0.000 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

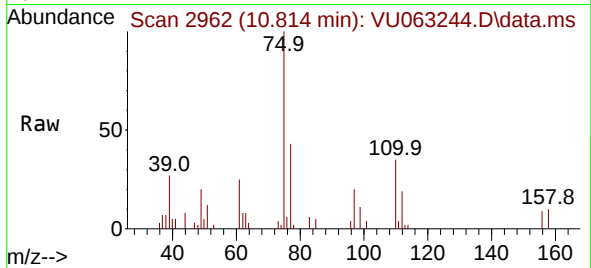
Tgt Ion: 83 Resp: 11257
Ion Ratio Lower Upper
83 100
131 9.3 7.4 11.0
85 65.6 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 0.781 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

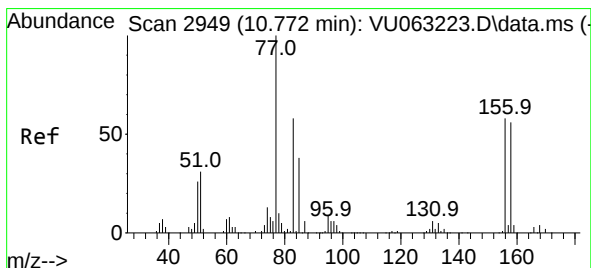
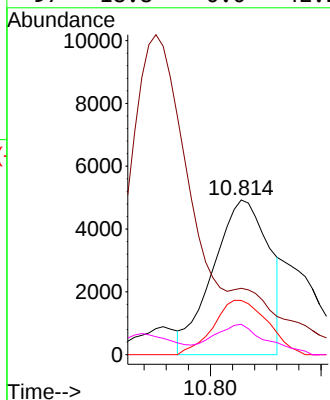
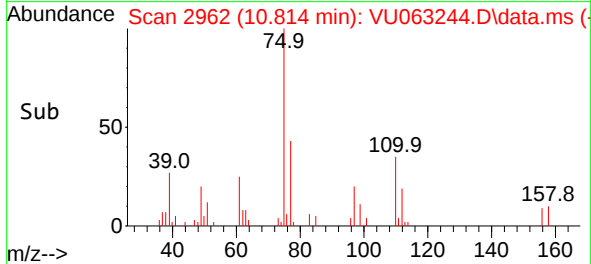
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



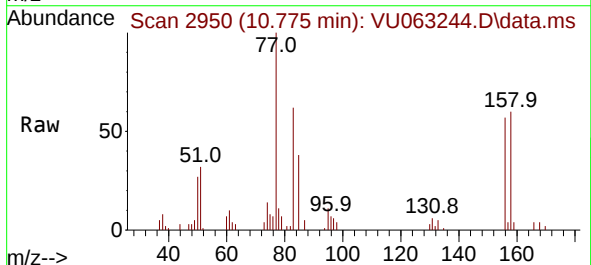
Tgt Ion: 75 Resp: 8608
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 34.2 0.0 77.0
97 18.8 0.0 42.2

Manual Integrations
APPROVED

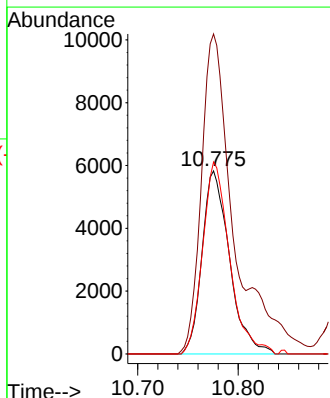
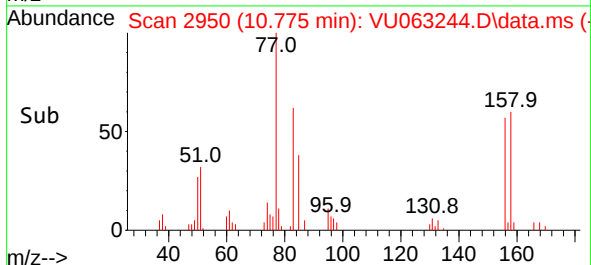
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

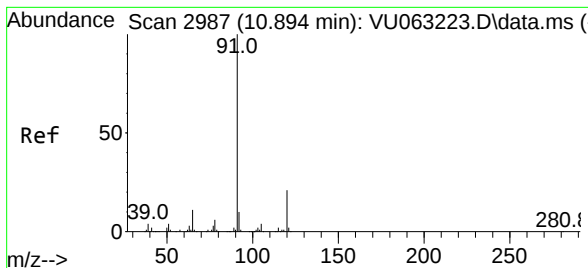


#72
Bromobenzene
Concen: 0.749 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40



Tgt Ion:156 Resp: 11058
Ion Ratio Lower Upper
156 100
77 173.2 0.0 343.6
158 103.0 0.0 193.0





#73

n-propylbenzene

Concen: 0.649 ug/l

RT: 10.898 min Scan# 2988

Delta R.T. 0.003 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:120 Resp: 1018

Ion Ratio Lower Upper

120 100

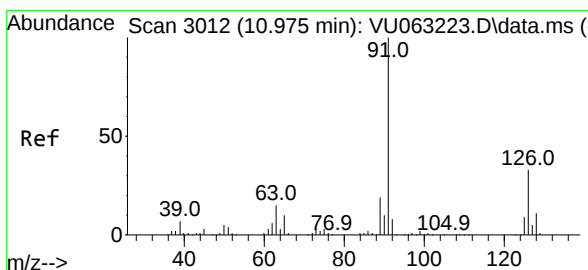
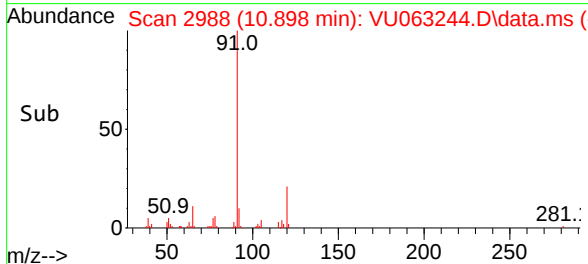
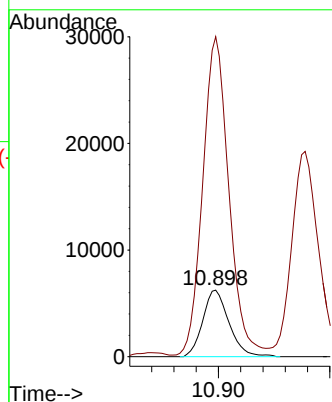
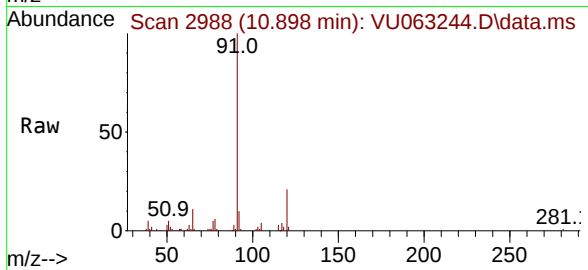
91 475.0 369.8 554.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#74

2-Chlorotoluene

Concen: 0.739 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.003 min

Lab File: VU063244.D

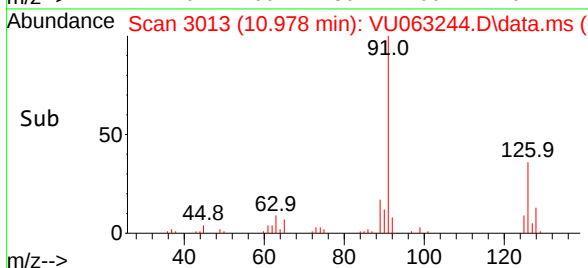
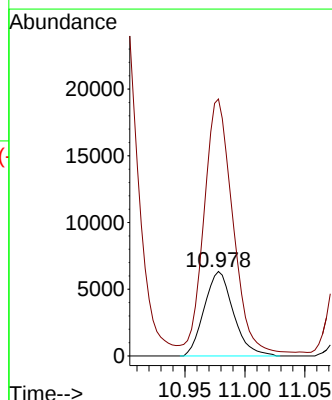
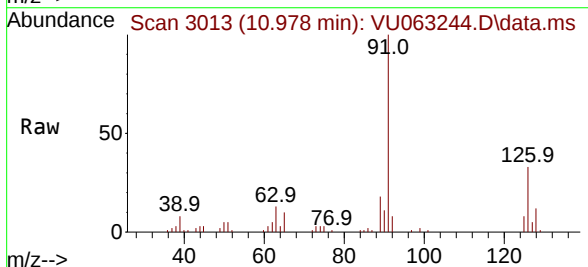
Acq: 11 Feb 2025 18:40

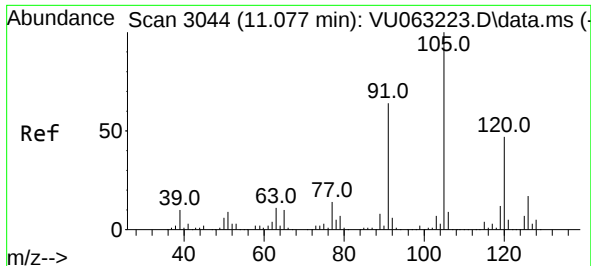
Tgt Ion:126 Resp: 10687

Ion Ratio Lower Upper

126 100

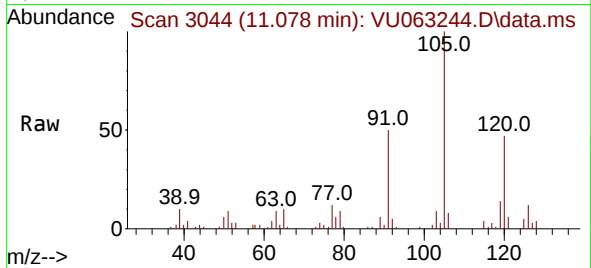
91 297.8 0.0 623.8





#75
1,3,5-Trimethylbenzene
Concen: 0.651 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

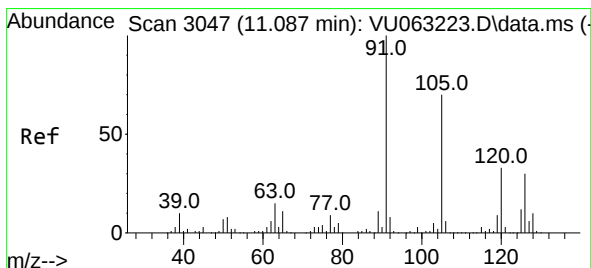
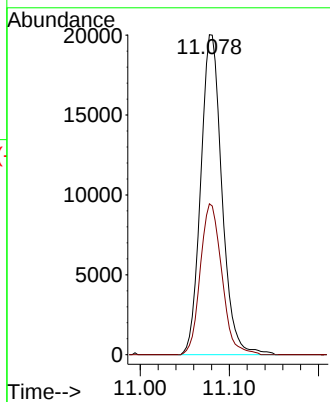
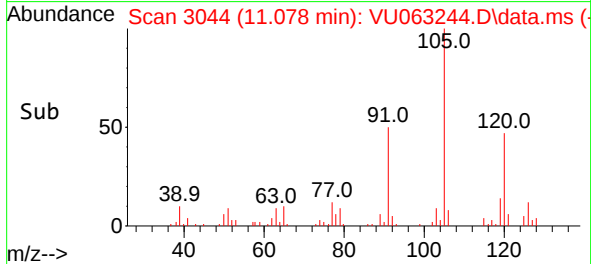
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



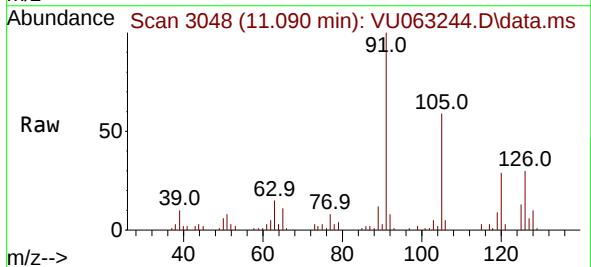
Tgt Ion:105 Resp: 33034
Ion Ratio Lower Upper
105 100
120 48.0 37.3 55.9

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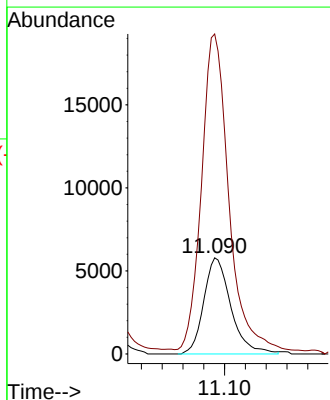
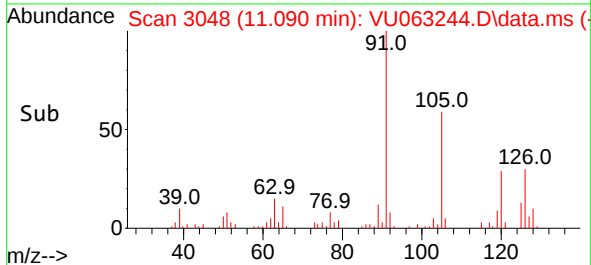
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

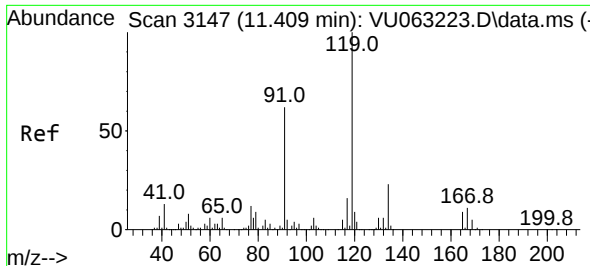


#76
4-Chlorotoluene
Concen: 0.708 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40



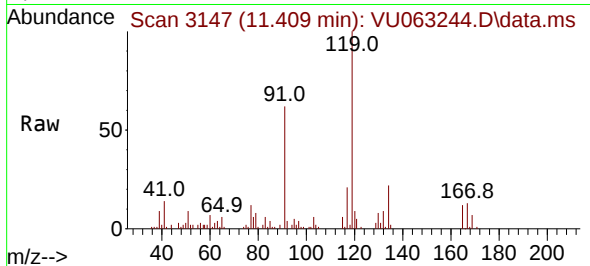
Tgt Ion:126 Resp: 10496
Ion Ratio Lower Upper
126 100
91 331.0 0.0 703.6





#77
tert-Butylbenzene
Concen: 0.692 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. 0.000 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

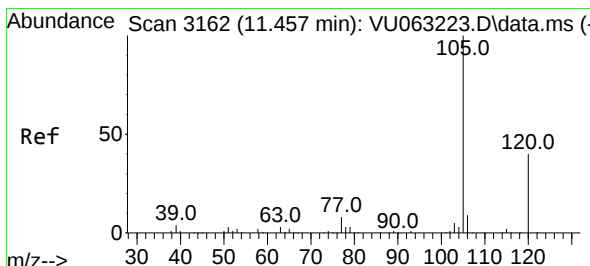
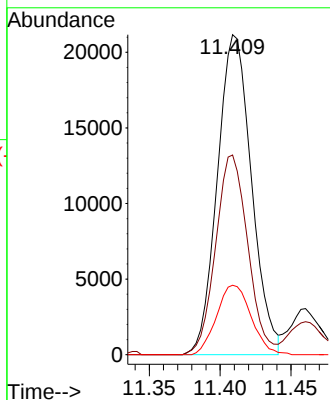
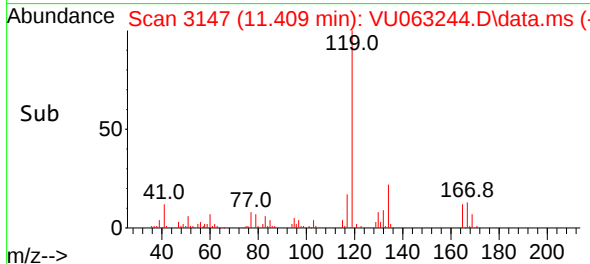
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



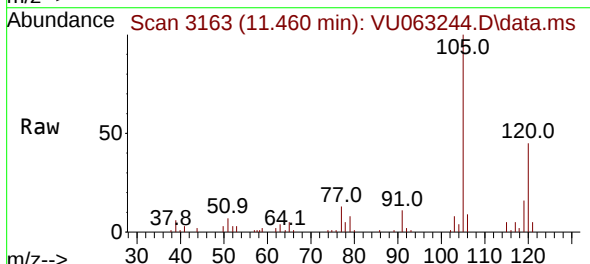
Tgt Ion:119 Resp: 3550
Ion Ratio Lower Upper
119 100
91 59.0 29.4 88.3
134 22.0 17.6 26.4

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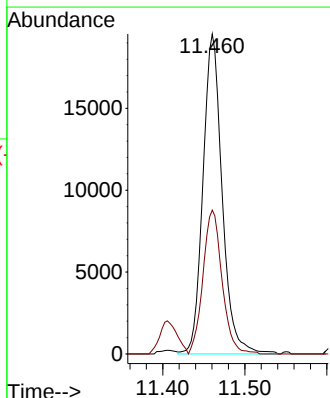
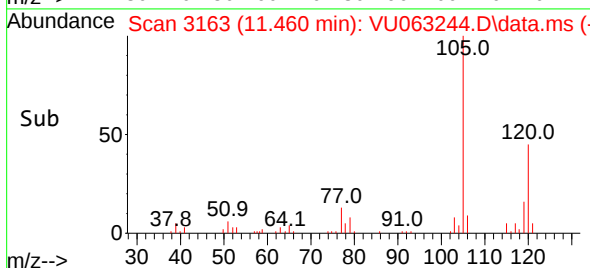
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

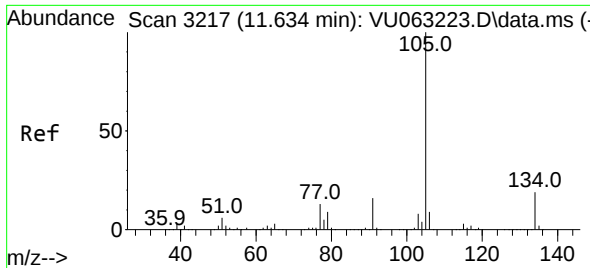


#78
1,2,4-Trimethylbenzene
Concen: 0.630 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40



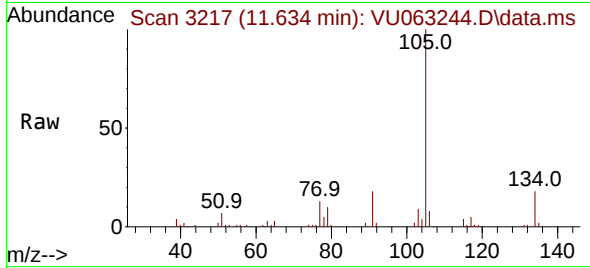
Tgt Ion:105 Resp: 31729
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.7





#79
 sec-Butylbenzene
 Concen: 0.685 ug/l
 RT: 11.634 min Scan# 3117
 Delta R.T. 0.000 min
 Lab File: VU063244.D
 Acq: 11 Feb 2025 18:40

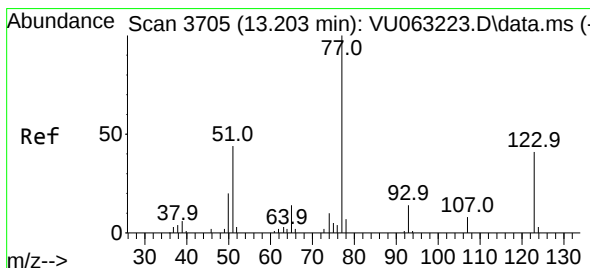
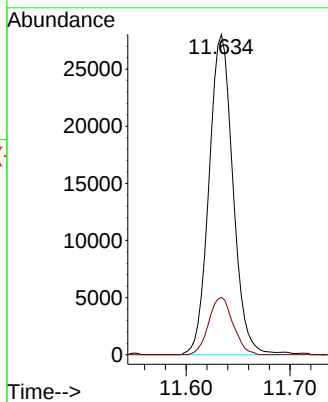
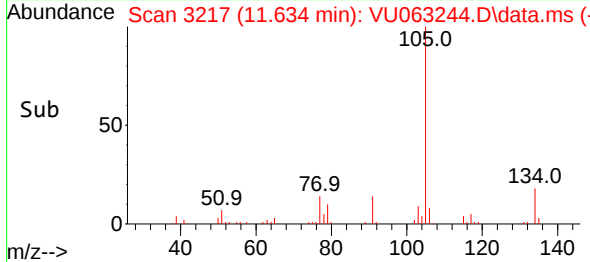
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



Tgt Ion:105 Resp: 44774
 Ion Ratio Lower Upper
 105 100
 134 18.2 15.1 22.7

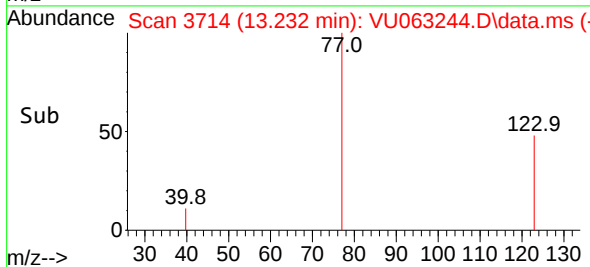
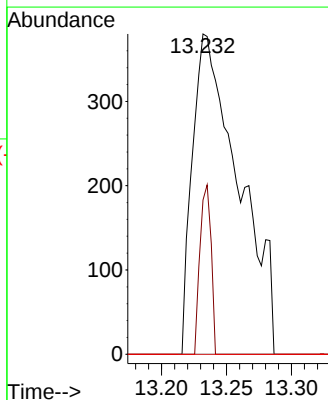
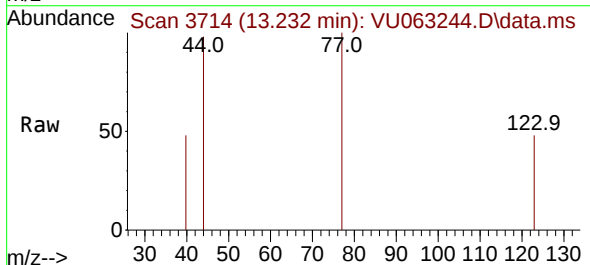
Manual Integrations
 APPROVED

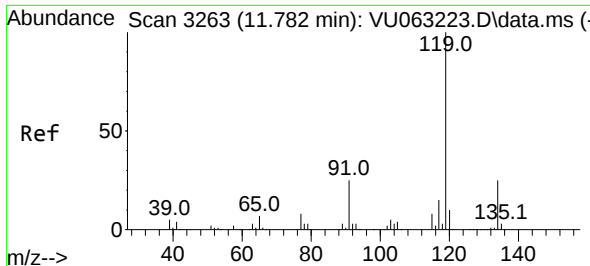
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#80
 Nitrobenzene
 Concen: 2.698 ug/l
 RT: 13.232 min Scan# 3714
 Delta R.T. 0.029 min
 Lab File: VU063244.D
 Acq: 11 Feb 2025 18:40

Tgt Ion: 77 Resp: 941
 Ion Ratio Lower Upper
 77 100
 123 12.6 18.9 67.1#
 65 0.0 11.9 15.1#





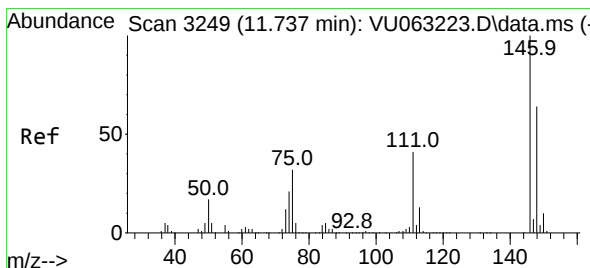
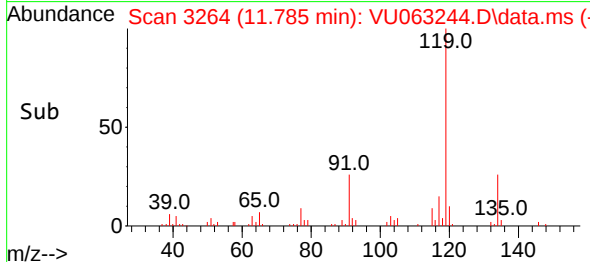
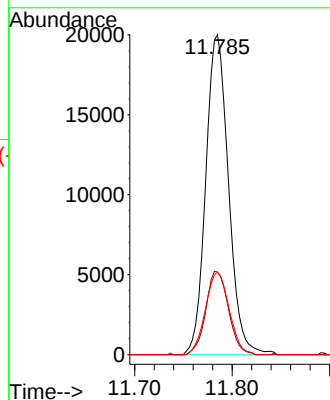
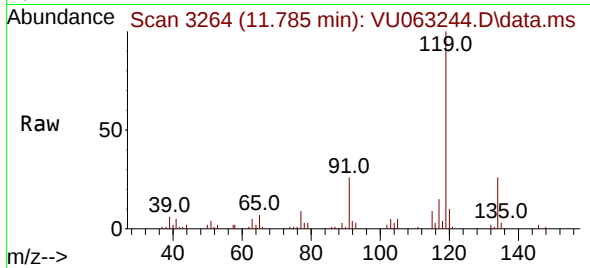
#81
p-Isopropyltoluene
Concen: 0.630 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion:119 Resp: 32470
Ion Ratio Lower Upper
119 100
134 25.8 20.3 30.5
91 26.8 19.4 29.2

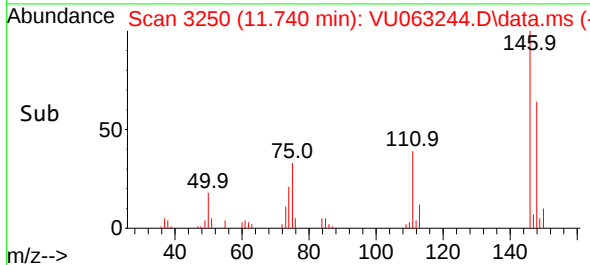
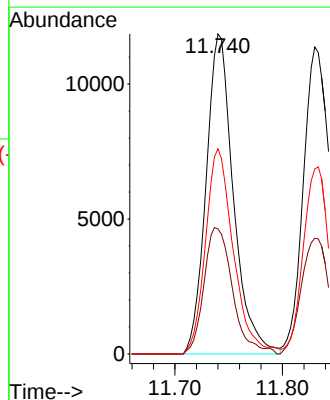
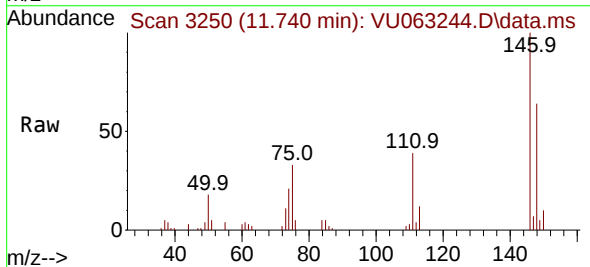
Manual Integrations
APPROVED

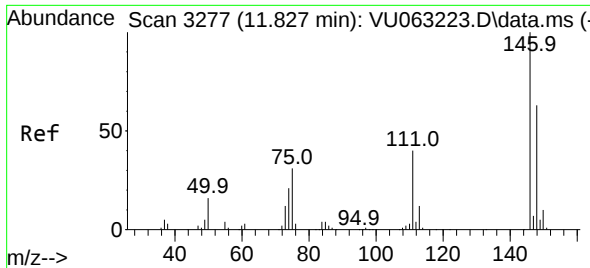
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#82
1,3-Dichlorobenzene
Concen: 0.731 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

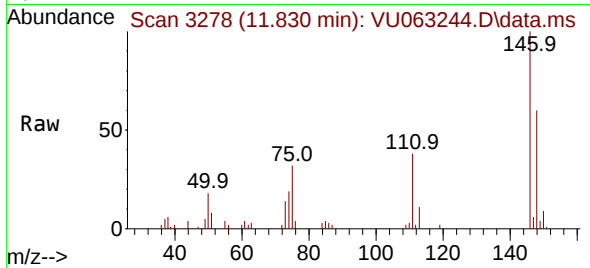
Tgt Ion:146 Resp: 20940
Ion Ratio Lower Upper
146 100
111 41.2 32.8 49.2
148 65.4 51.1 76.7





#83
1,4-Dichlorobenzene
Concen: 0.765 ug/l
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

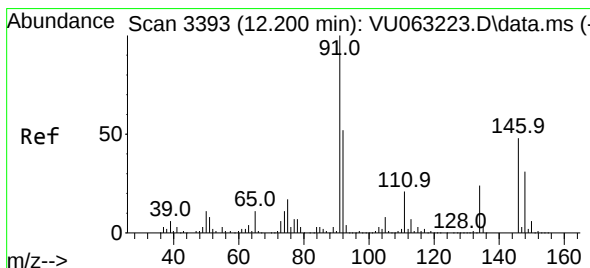
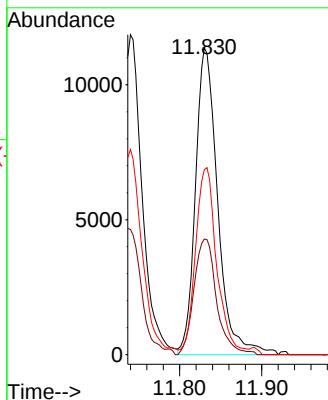
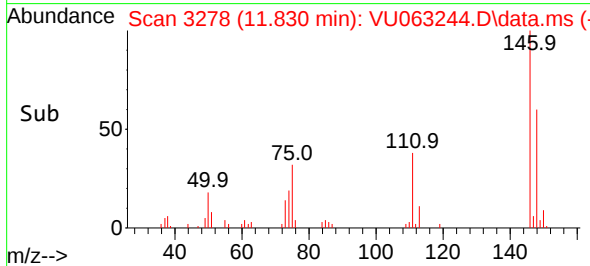
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



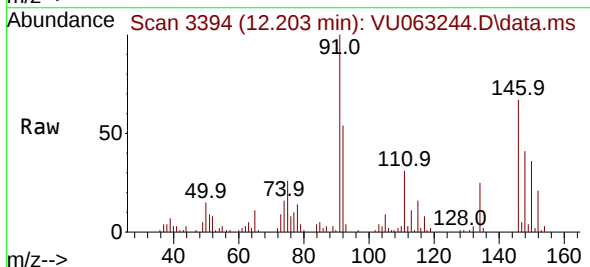
Tgt Ion:146 Resp: 2141
Ion Ratio Lower Upper
146 100
111 38.4 32.1 48.1
148 55.1 50.2 75.4

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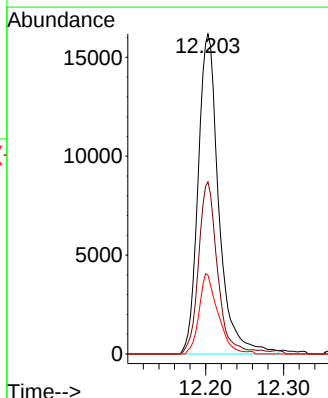
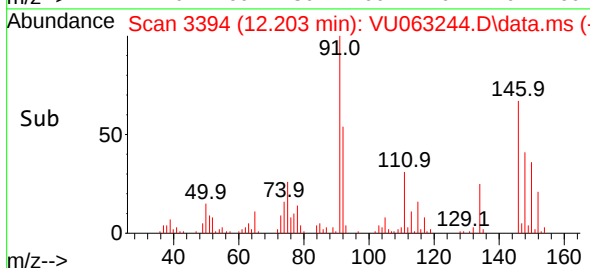
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

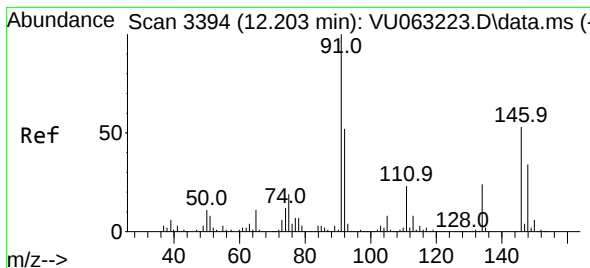


#84
n-Butylbenzene
Concen: 0.646 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40



Tgt Ion: 91 Resp: 29869
Ion Ratio Lower Upper
91 100
92 49.8 41.8 62.8
134 22.7 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 0.710 ug/l

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

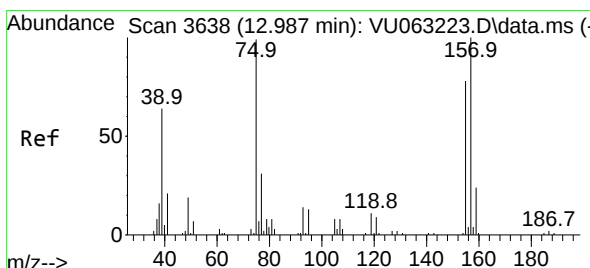
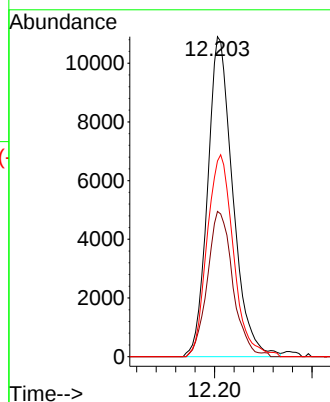
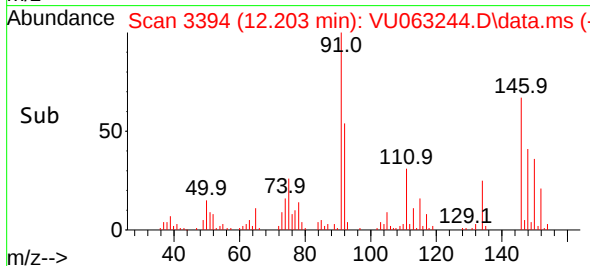
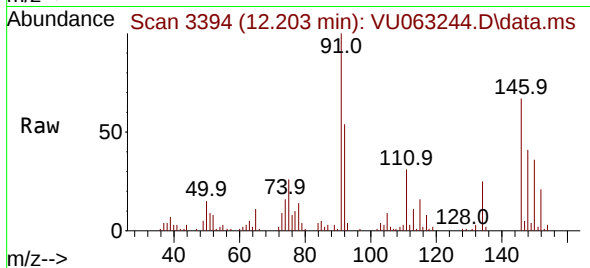
Tgt Ion:	146	Resp:	1954
Ion Ratio	Lower	Upper	
146	100		
111	45.9	21.9	65.7
148	66.1	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.761 ug/l m

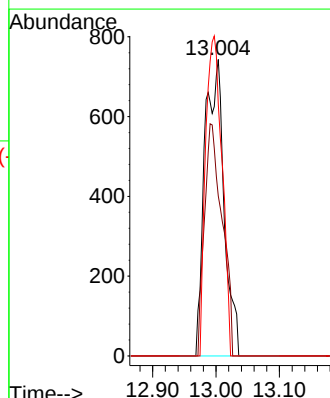
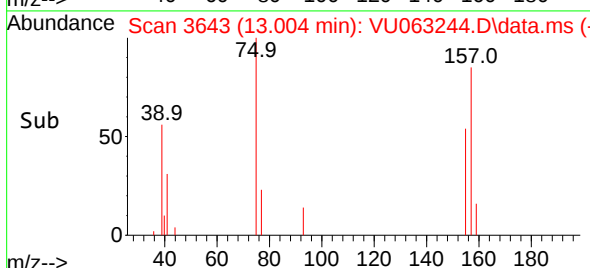
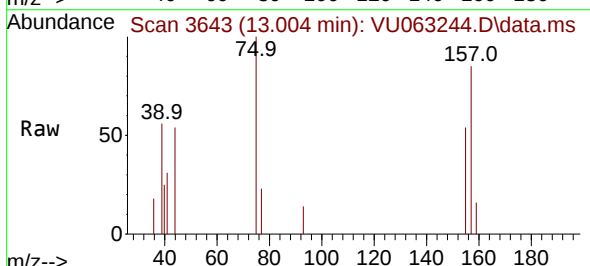
RT: 13.004 min Scan# 3643

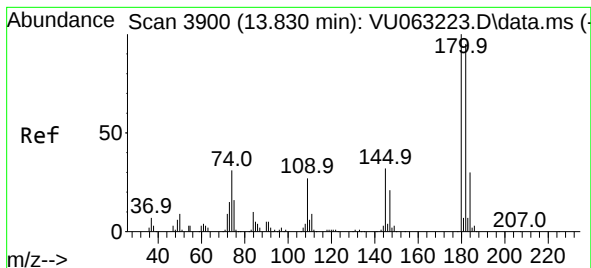
Delta R.T. 0.016 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Tgt Ion:	75	Resp:	1567
Ion Ratio	Lower	Upper	
75	100		
155	72.0	63.5	95.3
157	90.9	81.8	122.6





#87

1,2,4-Trichlorobenzene

Concen: 0.684 ug/l

RT: 13.836 min Scan# 3900

Delta R.T. 0.007 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

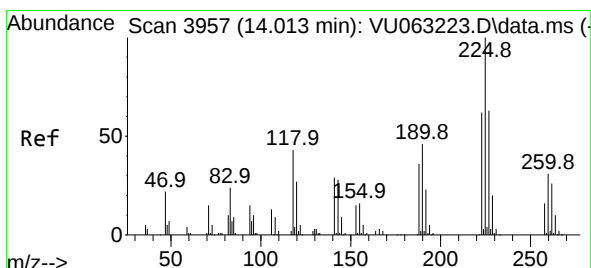
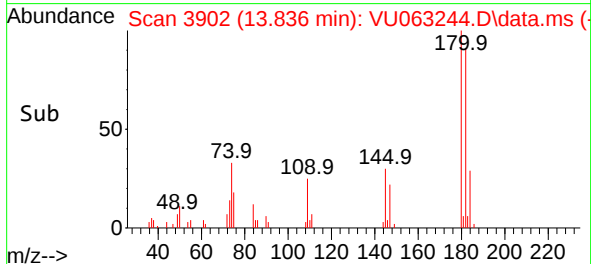
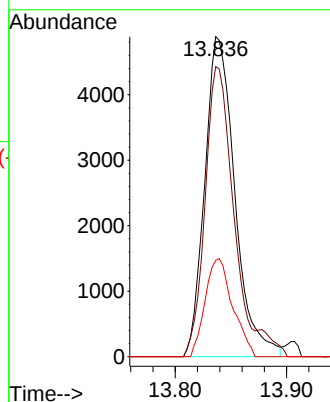
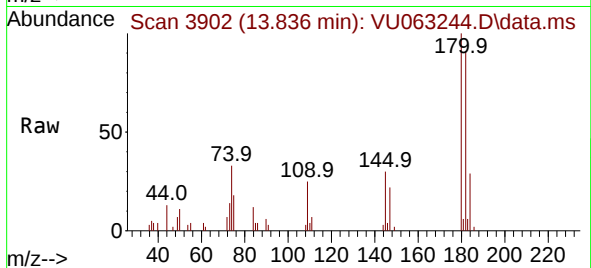
Tgt Ion:180	Resp:	917
Ion Ratio	Lower	Upper
180	100	
182	87.8	76.6 115.0
145	28.0	25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#88

Hexachlorobutadiene

Concen: 0.774 ug/l

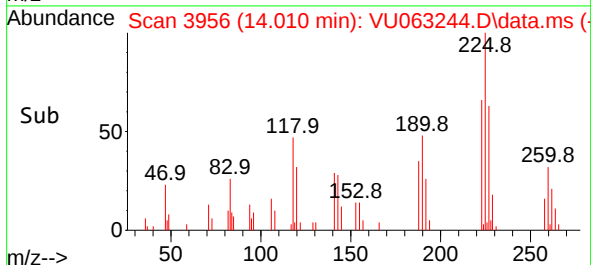
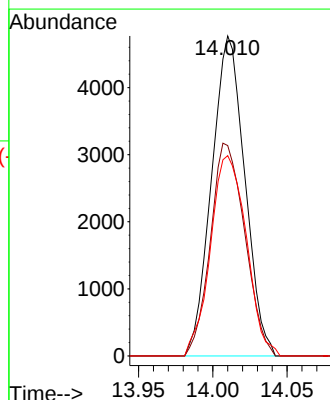
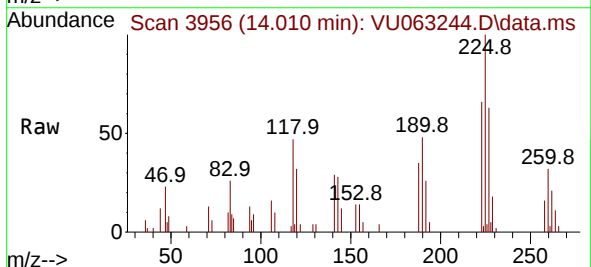
RT: 14.010 min Scan# 3956

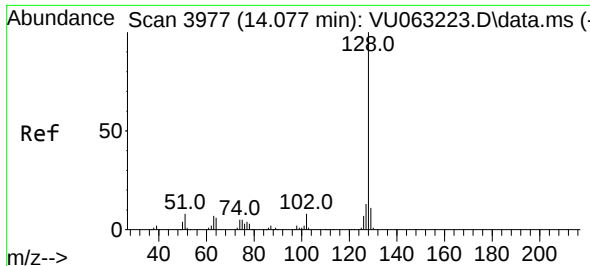
Delta R.T. -0.003 min

Lab File: VU063244.D

Acq: 11 Feb 2025 18:40

Tgt Ion:225	Resp:	7420
Ion Ratio	Lower	Upper
225	100	
223	68.8	49.5 74.3
227	67.5	51.0 76.4





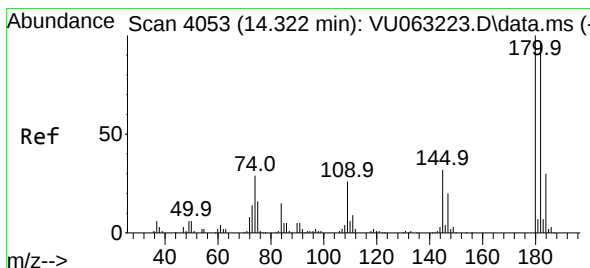
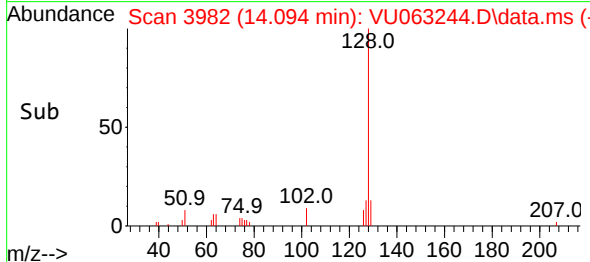
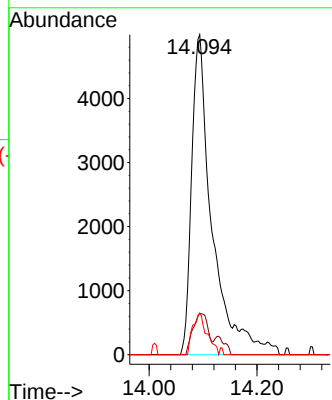
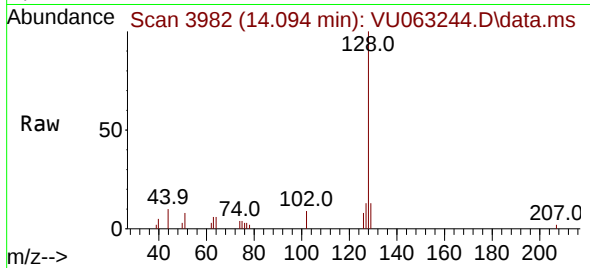
#89
Naphthalene
Concen: 0.609 ug/l m
RT: 14.094 min Scan# 3977
Delta R.T. 0.016 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

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

Tgt Ion:128 Resp: 1315
Ion Ratio Lower Upper
128 100
127 9.6 10.6 16.0
129 9.0 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 0.733 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063244.D
Acq: 11 Feb 2025 18:40

Tgt Ion:180 Resp: 9621
Ion Ratio Lower Upper
180 100
182 94.3 78.2 117.2
145 28.4 26.1 39.1

