

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
 Data File : VU063686.D
 Acq On : 07 Nov 2025 14:58
 Operator : MD/SY
 Sample : Q3530-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 08 02:35:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.081	96	54276	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	23018	0.937	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	21659	0.984	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	18178	0.890	ug/l	97
3) Chloromethane	1.509	50	18090	0.942	ug/l	99
4) Vinyl Chloride	1.589	62	18691	0.957	ug/l	94
5) Bromomethane	1.840	94	13213	1.119	ug/l	99
6) Chloroethane	1.917	64	12636	1.054	ug/l	99
7) Trichlorofluoromethane	2.120	101	27890	0.982	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	15035	0.995	ug/l	98
9) 1,1-Dichloroethene	2.557	96	14610	0.998	ug/l	96
10) Iodomethane	2.695	142	15263	0.702	ug/l	98
11) Allyl Chloride	2.898	41	21677	0.949	ug/l	93
12) Acrylonitrile	3.290	53	6438	1.778	ug/l	89
13) Acetone	2.605	43	25561	3.998	ug/l	92
14) Carbon Disulfide	2.766	76	33258	0.807	ug/l	96
15) Methylene Chloride	3.017	84	19971	1.062	ug/l	98
16) trans-1,2-Dichloroethene	3.319	96	16701	1.035	ug/l	98
17) 1,1-Dichloroethane	3.830	63	31704	0.992	ug/l	99
18) 2-Butanone	4.695	43	27531	4.059	ug/l	92
19) Cyclohexane	5.341	56	24152	0.989	ug/l	98
20) Methylcyclohexane	6.724	83	28036	0.922	ug/l	98
21) 2,2-Dichloropropane	4.624	77	24974	0.871	ug/l	92
22) cis-1,2-Dichloroethene	4.631	96	19403	1.056	ug/l	98
23) Diethyl Ether	2.361	59	12573	1.049	ug/l	95
24) tert-Butyl Alcohol	3.177	59	18274	8.841	ug/l	98
25) Methyl tert-Butyl Ether	3.345	73	42424	0.989	ug/l	95
26) Bromochloromethane	4.939	128	8042	1.038	ug/l	93
27) Chloroform	5.052	83	33527	1.025	ug/l	96
28) 1,1,1-Trichloroethane	5.277	97	28197	0.978	ug/l	99
29) 1,1-Dichloropropene	5.486	75	23747	0.981	ug/l	96
30) Carbon Tetrachloride	5.480	117	20894	0.915	ug/l	97
31) Isopropyl Ether	3.972	45	51414	1.015	ug/l	99
32) Ethyl-t-butyl ether	4.483	59	48445	0.993	ug/l	98
33) Tert-Amyl methyl ether	5.926	73	42464	1.000	ug/l	96
34) Propionitrile	4.759	54	6490	4.897	ug/l	# 85
35) Benzene	5.737	78	72416	1.061	ug/l	99
36) 1,2-Dichloroethane	5.766	62	22427	1.023	ug/l	98
37) Trichloroethene	6.512	130	20315	1.044	ug/l	89
38) 1,2-Dichloropropane	6.766	63	18359	0.961	ug/l	95
39) Methacrylonitrile	4.949	41	6726	1.020	ug/l	# 84
40) Methyl acrylate	4.827	55	9138	0.954	ug/l	# 68
41) Tetrahydrofuran	5.042	42	6214	2.093	ug/l	96
42) 1-Chlorobutane	5.422	56	31690	0.977	ug/l	95
43) Dibromomethane	6.894	93	9550	0.967	ug/l	98
44) Bromodichloromethane	7.081	83	19898	0.824	ug/l	96

11/12/2025
 Supervised By :Mahesh
 Badoda

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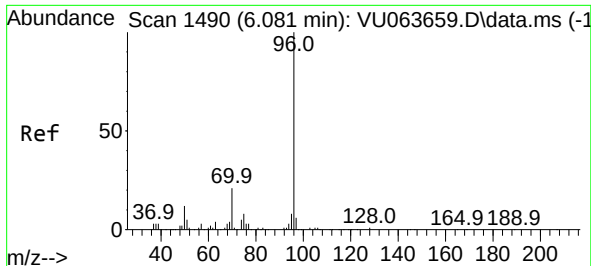
Manual Integrations
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Quant Time: Nov 08 02:35:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

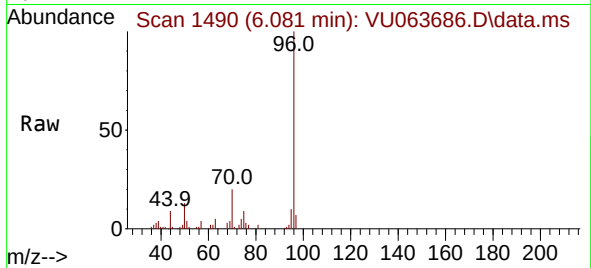
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	51147	4.293	ug/l	99
46) t-1,4-Dichloro-2-butene	10.804	75	7387m	1.787	ug/l	99
47) Methyl methacrylate	6.949	69	16941	1.863	ug/l	96
48) Ethyl methacrylate	8.322	69	15576	0.842	ug/l	94
49) Toluene	7.942	92	43390	0.943	ug/l	100
50) t-1,3-Dichloropropene	8.190	75	15027	0.716	ug/l	91
51) cis-1,3-Dichloropropene	7.586	75	21016	0.800	ug/l	95
52) 1,1,2-Trichloroethane	8.377	97	13096	0.975	ug/l	94
53) 1,3-Dichloropropane	8.553	76	22675	0.945	ug/l	94
54) 2-Hexanone	8.679	43	37532	3.731	ug/l	99
55) Dibromochloromethane	8.785	129	12018	0.760	ug/l	98
56) 1,2-Dibromoethane	8.901	107	11886	0.930	ug/l	100
58) Tetrachloroethene	8.524	164	19376	1.018	ug/l	94
59) Chlorobenzene	9.425	112	48057	0.963	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.508	131	14675	0.840	ug/l	98
61) Pentachloroethane	11.399	117	9607	0.792	ug/l	94
62) Hexachloroethane	12.447	117	8583	0.646	ug/l	100
63) Ethyl Benzene	9.547	91	84289	0.932	ug/l	99
64) m/p-Xylenes	9.669	106	61707	1.828	ug/l	98
65) o-Xylene	10.077	106	31558	0.954	ug/l	97
66) Styrene	10.094	104	49777	0.928	ug/l	99
67) Bromoform	10.267	173	5813	0.681	ug/l	94
69) Isopropylbenzene	10.460	105	76591	0.938	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.759	83	15785	0.936	ug/l	98
71) 1,2,3-Trichloropropane	10.801	75	12493m	0.851	ug/l	94
72) Bromobenzene	10.762	156	18890	0.956	ug/l	84
73) n-propylbenzene	10.884	120	21207	0.914	ug/l	100
74) 2-Chlorotoluene	10.962	126	19070	0.948	ug/l	94
75) 1,3,5-Trimethylbenzene	11.065	105	69250	0.917	ug/l	99
76) 4-Chlorotoluene	11.074	126	19976	0.989	ug/l	87
77) tert-Butylbenzene	11.393	119	67486	0.912	ug/l	96
78) 1,2,4-Trimethylbenzene	11.444	105	65550	0.904	ug/l	98
79) sec-Butylbenzene	11.618	105	90206	0.927	ug/l	100
80) Nitrobenzene	13.196	77	1442m	2.430	ug/l	98
81) p-Isopropyltoluene	11.769	119	72097	0.905	ug/l	98
82) 1,3-Dichlorobenzene	11.724	146	37306	0.975	ug/l	98
83) 1,4-Dichlorobenzene	11.814	146	40016	1.053	ug/l	98
84) n-Butylbenzene	12.187	91	64753	0.906	ug/l	99
85) 1,2-Dichlorobenzene	12.190	146	35888	0.992	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.971	75	2045	0.731	ug/l	92
87) 1,2,4-Trichlorobenzene	13.817	180	21291	0.955	ug/l	96
88) Hexachlorobutadiene	13.994	225	13201	0.995	ug/l	96
89) Naphthalene	14.068	128	39583	0.923	ug/l	99
90) 1,2,3-Trichlorobenzene	14.306	180	19679	0.966	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.081 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

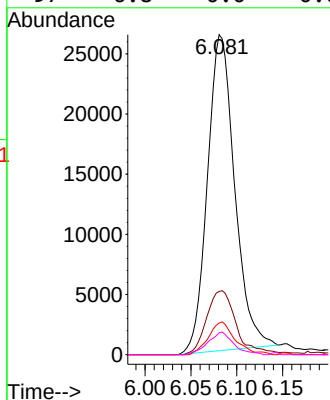
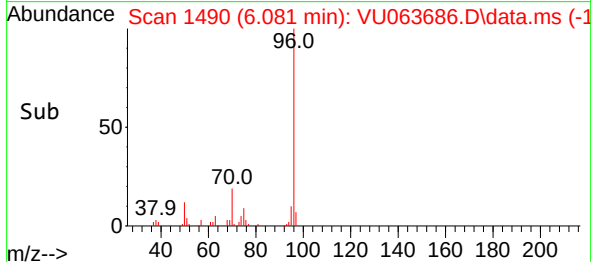
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025



Tgt Ion:	96	Resp:	54270
Ion Ratio	100	Lower	Upper
96	100		
70	21.6	15.3	22.9
95	10.2	6.5	9.7
97	6.8	0.0	0.0

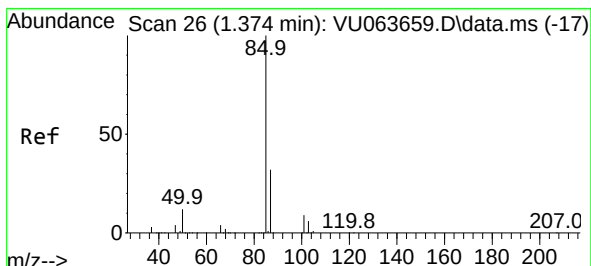
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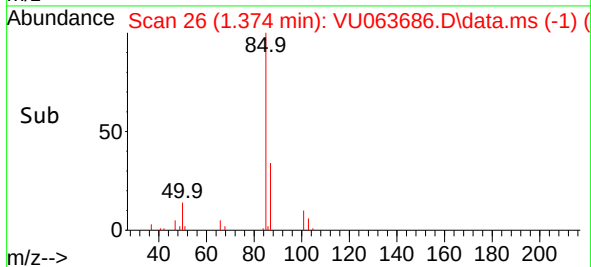
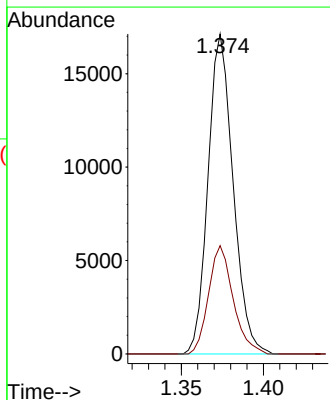
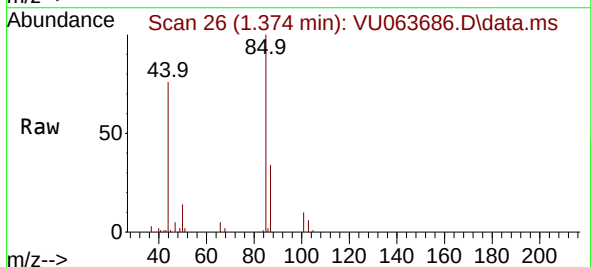
11/12/2025
Supervised By :Mahesh
Dadoda

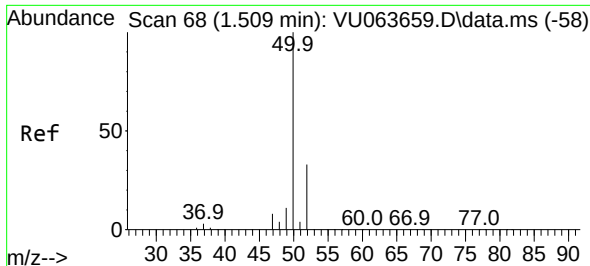
11/12/2025



#2
Dichlorodifluoromethane
Concen: 0.890 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

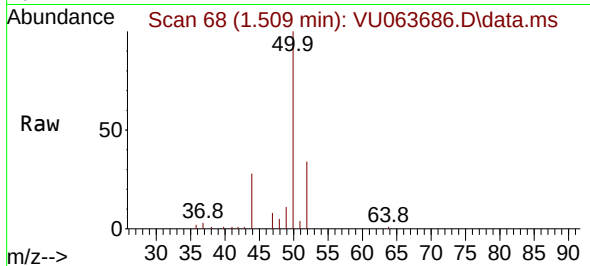
Tgt Ion:	85	Resp:	18178
Ion Ratio	100	Lower	Upper
85	100		
87	33.8	16.0	47.9





#3
Chloromethane
Concen: 0.942 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

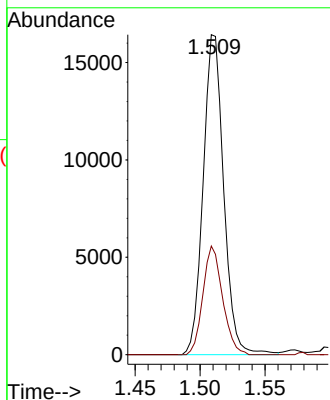
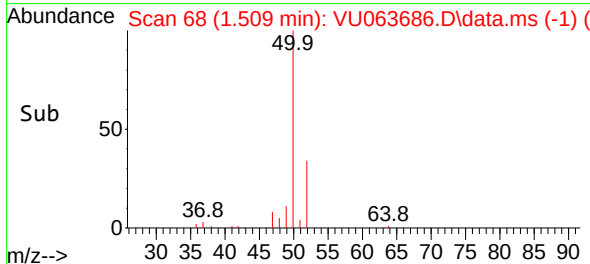
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025



Tgt Ion: 50 Resp: 18090
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0

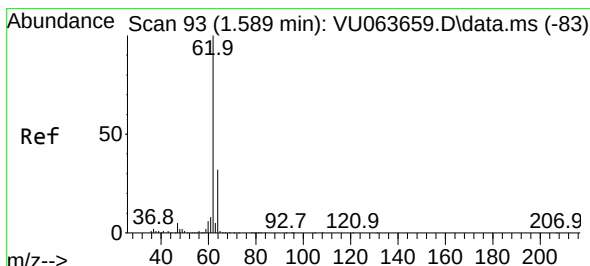
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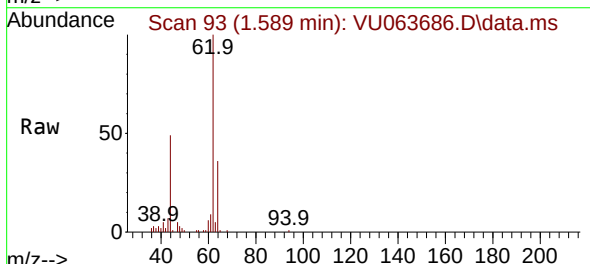


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Dadoda

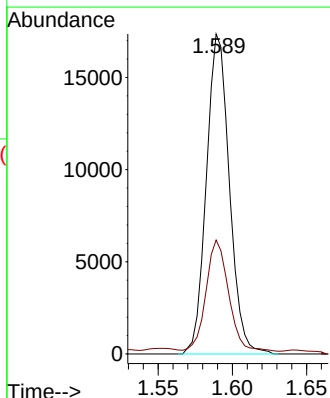
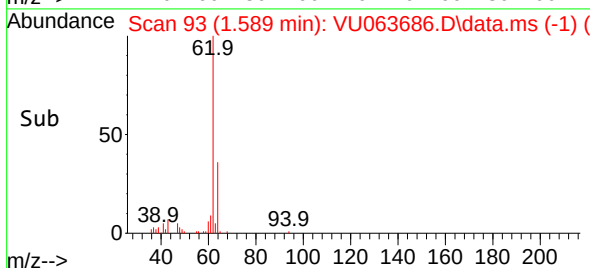
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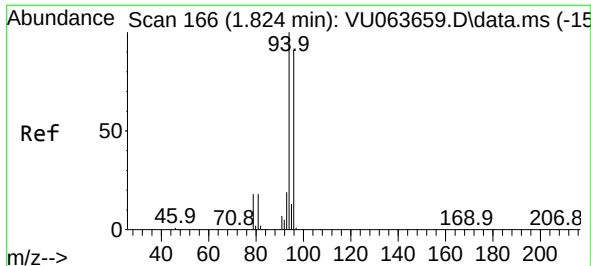


#4
Vinyl Chloride
Concen: 0.957 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58



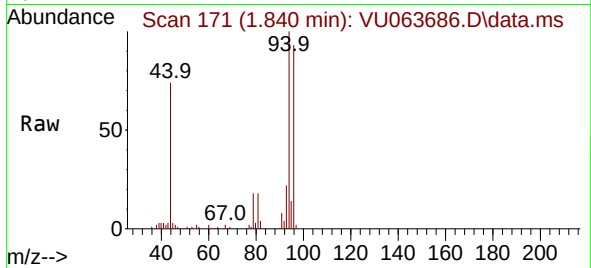
Tgt Ion: 62 Resp: 18691
Ion Ratio Lower Upper
62 100
64 34.8 25.2 37.8





#5
Bromomethane
Concen: 1.119 ug/l
RT: 1.840 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

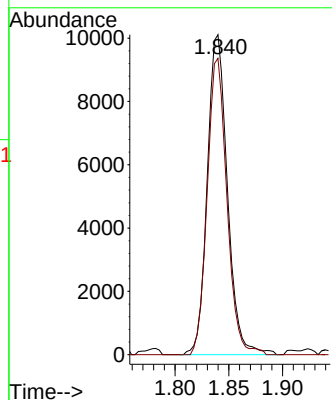
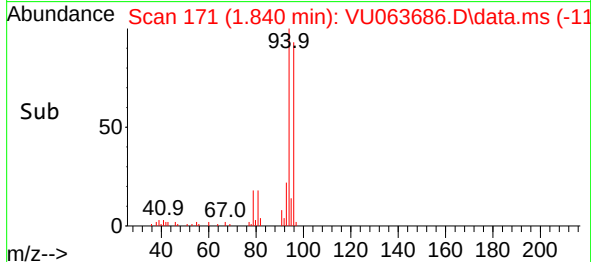
Instrument : MSVOA_U
Client SampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 94 Resp: 1321
Ion Ratio Lower Upper
94 100
96 92.6 73.0 109.6

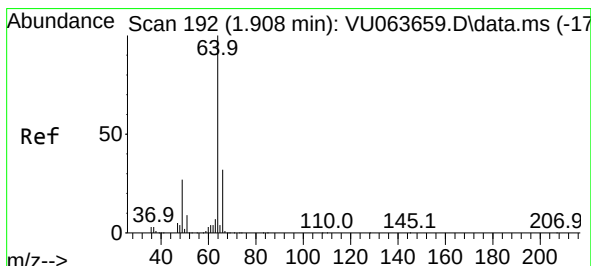
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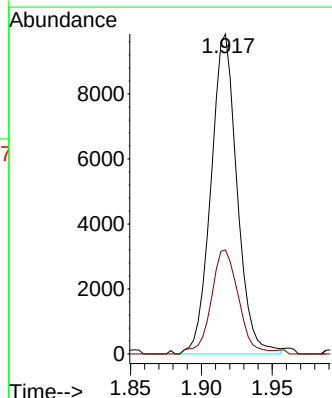
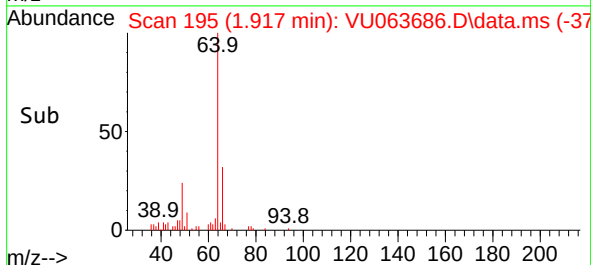
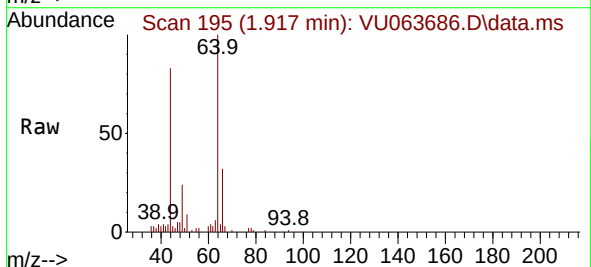
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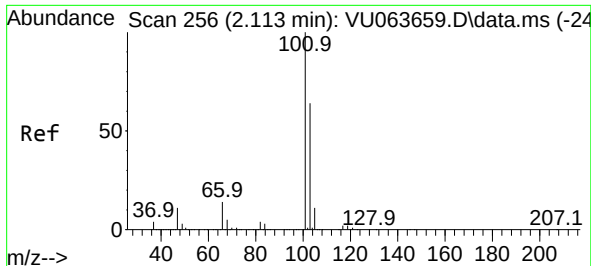
11/12/2025



#6
Chloroethane
Concen: 1.054 ug/l
RT: 1.917 min Scan# 195
Delta R.T. 0.009 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

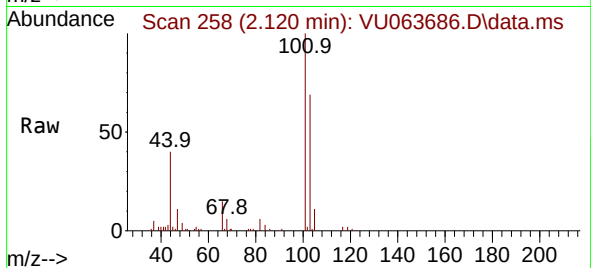
Tgt Ion: 64 Resp: 12636
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 0.982 ug/l
RT: 2.120 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

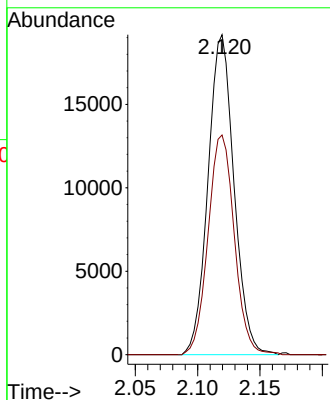
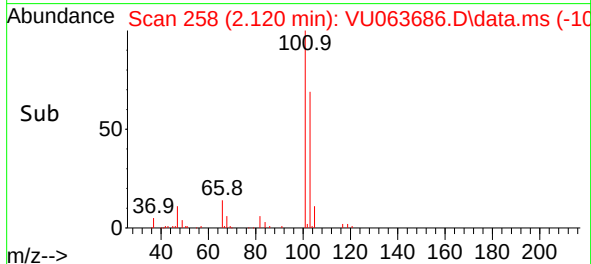
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:101 Resp: 27890
Ion Ratio Lower Upper
101 100
103 68.7 51.0 76.6

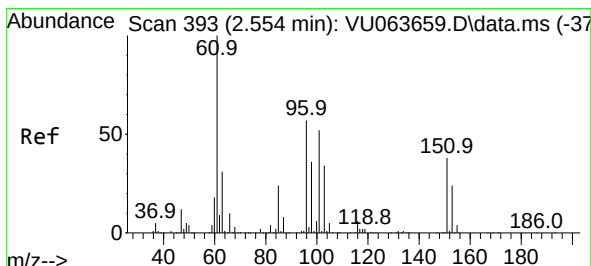
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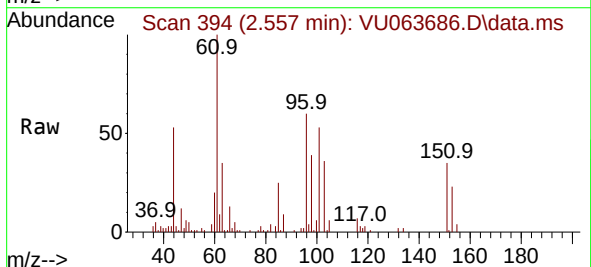


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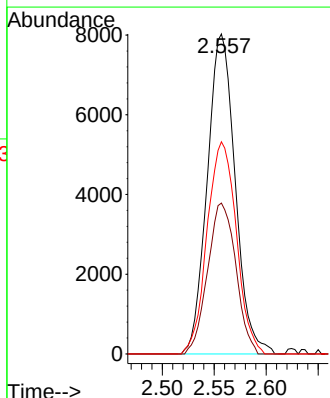
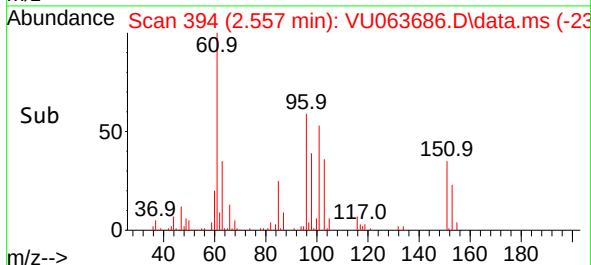
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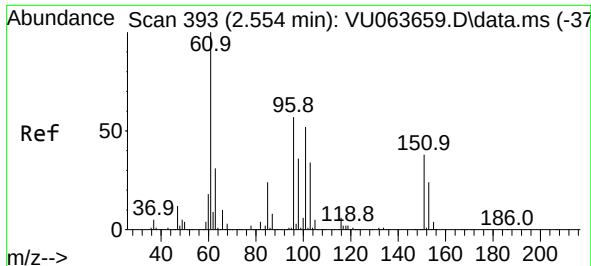


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.995 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58



Tgt Ion:101 Resp: 15035
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.4
151 69.3 57.2 85.8





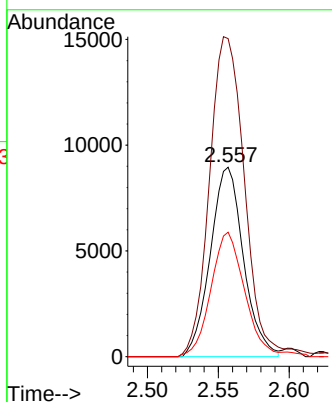
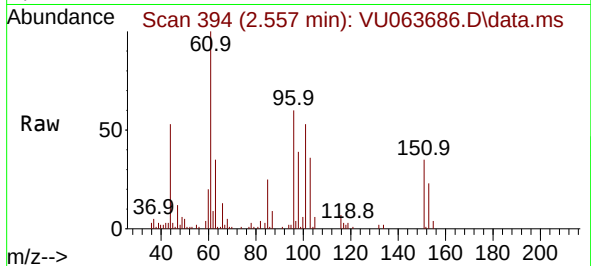
#9
1,1-Dichloroethene
Concen: 0.998 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

Tgt Ion: 96 Resp: 14610
Ion Ratio Lower Upper
96 100
61 167.9 0.0 524.7
98 65.7 0.0 126.8

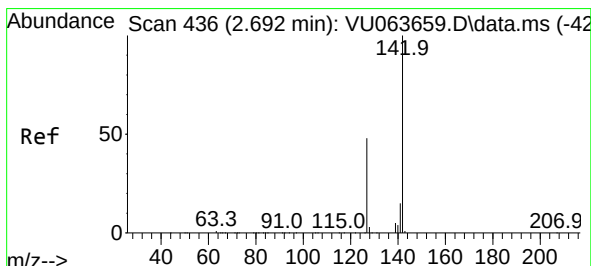
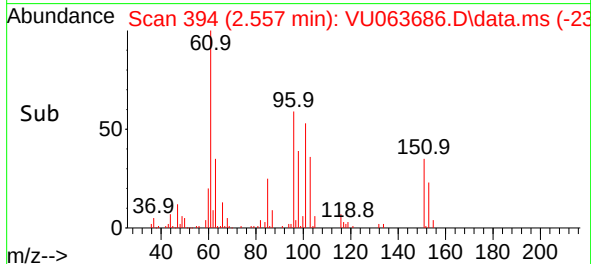
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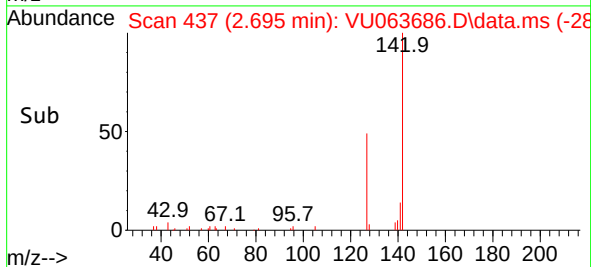
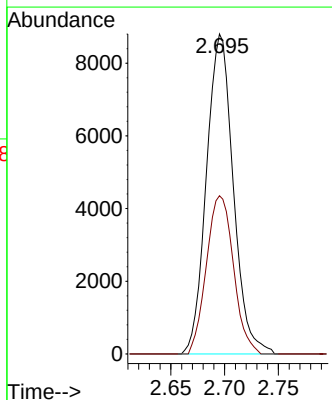
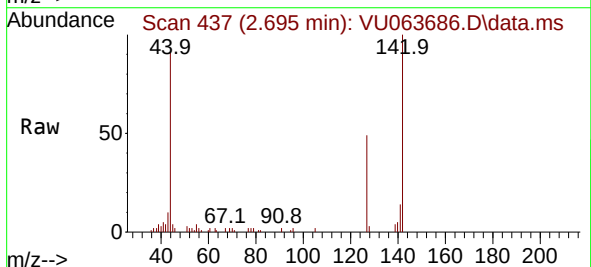
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Supervised By :Mahesh
Dadoda

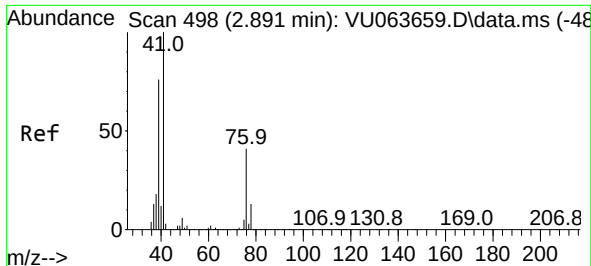
11/12/2025



#10
Iodomethane
Concen: 0.702 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

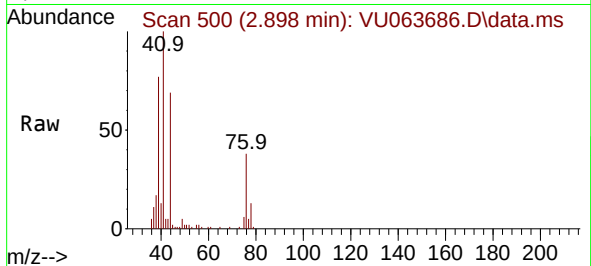
Tgt Ion:142 Resp: 15263
Ion Ratio Lower Upper
142 100
127 49.9 38.6 58.0





#11
 Allyl Chloride
 Concen: 0.949 ug/l
 RT: 2.898 min Scan# 500
 Delta R.T. 0.006 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

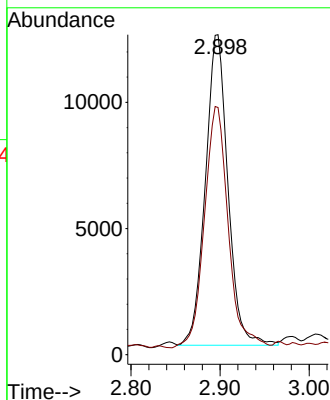
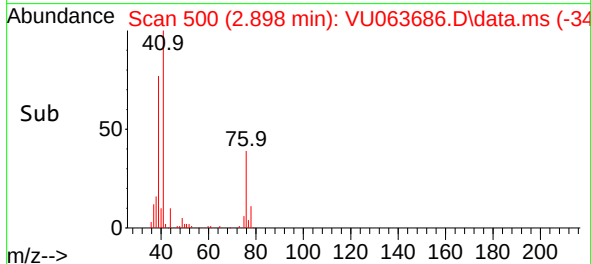
Instrument :
 MSVOA_U
 Client Sample Id :
 LOQ-WATER-02-QT4-2025



Tgt Ion: 41 Resp: 2167
 Ion Ratio Lower Upper
 41 100
 39 82.2 61.0 91.4

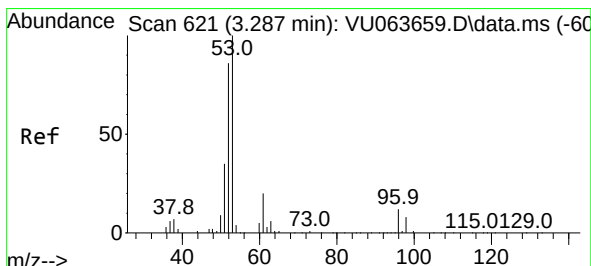
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

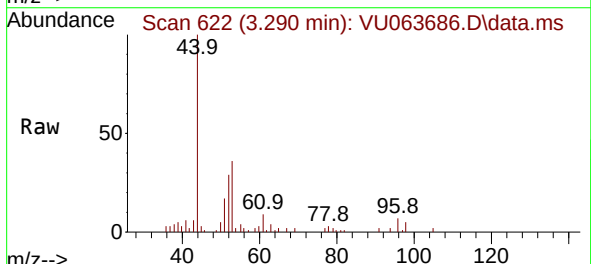


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 Supervised By :Mahesh
 Dadoda

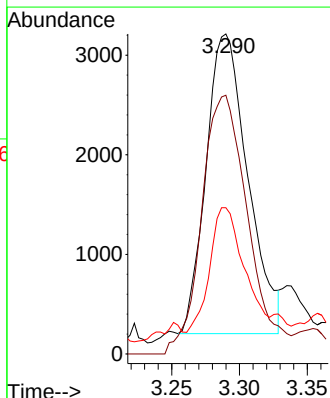
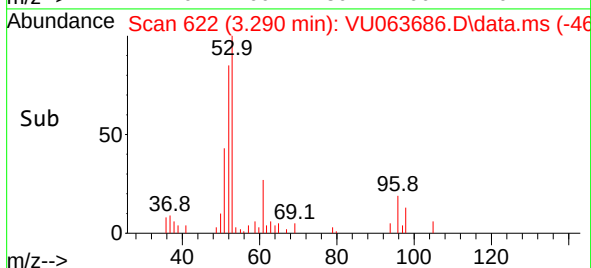
11/12/2025

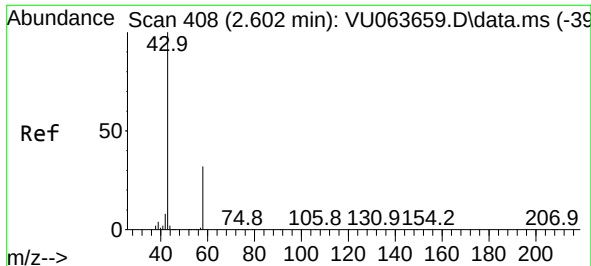


#12
 Acrylonitrile
 Concen: 1.778 ug/l
 RT: 3.290 min Scan# 622
 Delta R.T. 0.003 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58



Tgt Ion: 53 Resp: 6438
 Ion Ratio Lower Upper
 53 100
 52 95.2 65.4 98.0
 51 34.2 27.6 41.4





#13

Acetone

Concen: 3.998 ug/l

RT: 2.605 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

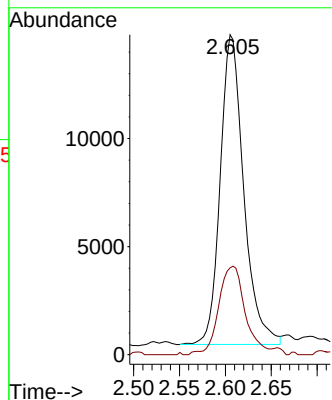
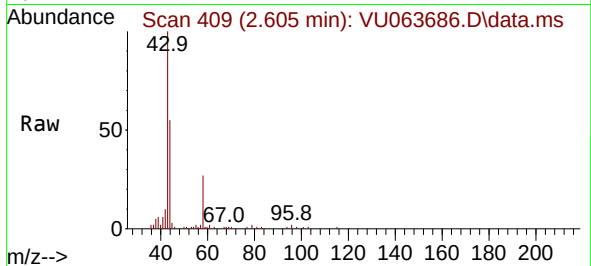
ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 43 Resp: 2556
Ion Ratio Lower Upper
43 100
58 27.3 25.2 37.8

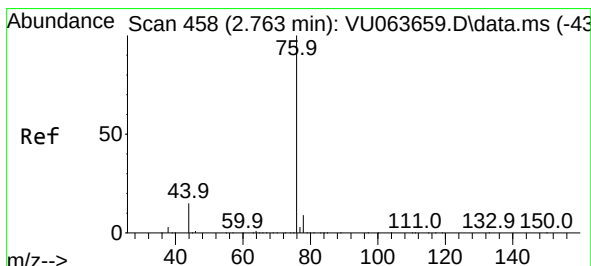
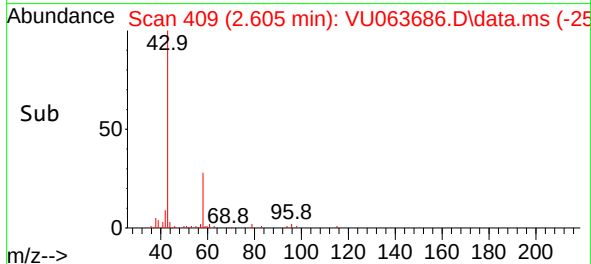
Manual Integrations
APPROVED

Reviewed By :John
Carlone



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Supervised By :Mahesh
Dadoda

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#14

Carbon Disulfide

Concen: 0.807 ug/l

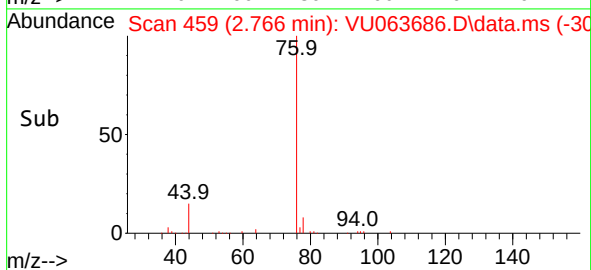
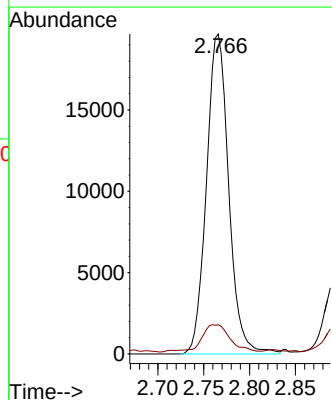
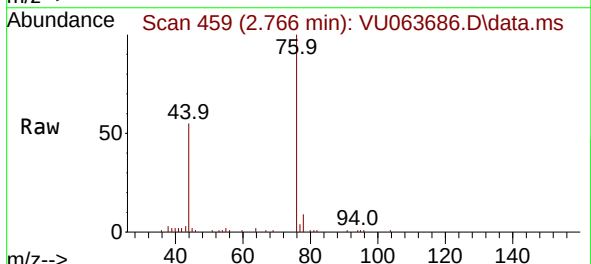
RT: 2.766 min Scan# 459

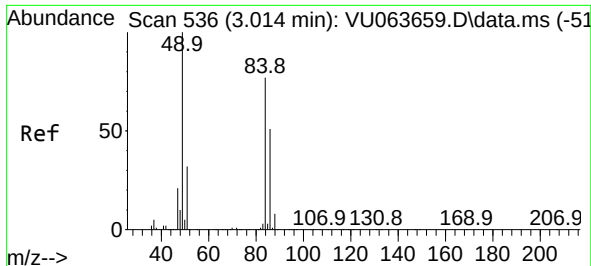
Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

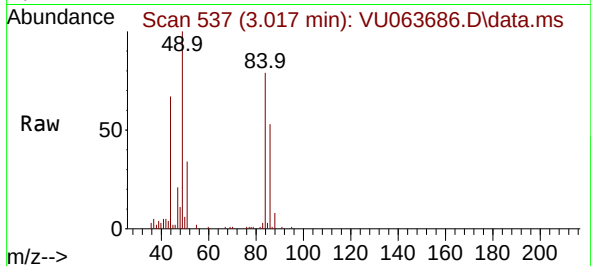
Tgt Ion: 76 Resp: 33258
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3





#15
Methylene Chloride
Concen: 1.062 ug/l
RT: 3.017 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

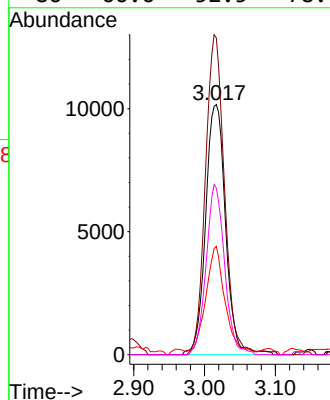
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:	84	Resp:	1997
Ion	Ratio	Lower	Upper
84	100		
49	126.6	103.4	155.0
51	43.4	0.0	81.6
86	66.6	52.5	78.7

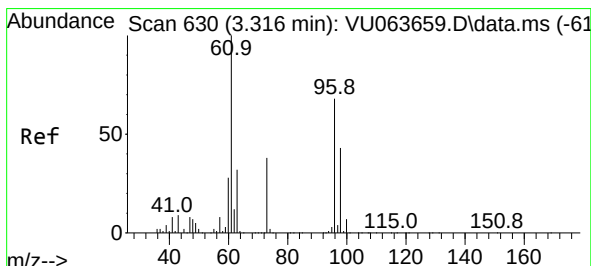
Manual Integrations
APPROVED

Reviewed By :John
Carlone



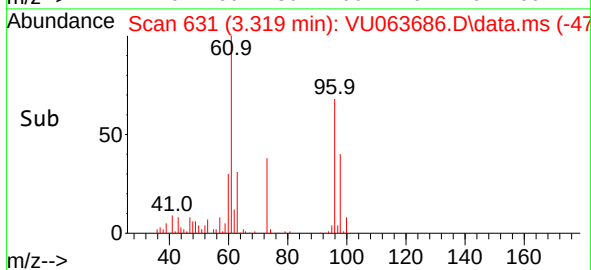
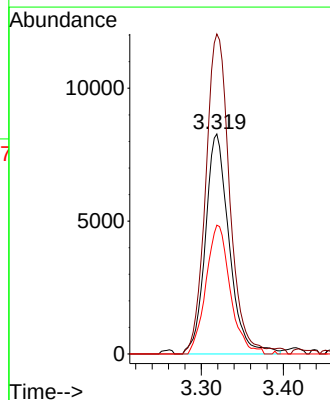
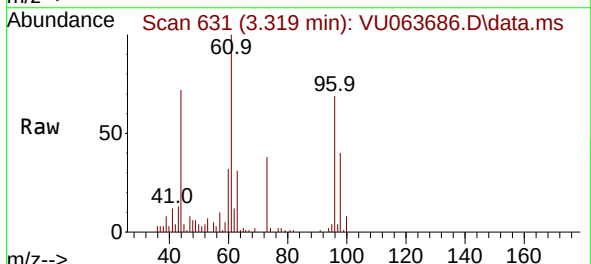
11/12/2025
Supervised By :Mahesh
Dadoda

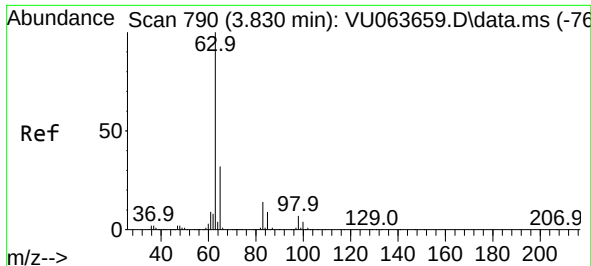
11/12/2025



#16
trans-1,2-Dichloroethene
Concen: 1.035 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:	96	Resp:	16701
Ion	Ratio	Lower	Upper
96	100		
61	145.4	117.4	176.2
98	58.5	49.9	74.9





#17
 1,1-Dichloroethane
 Concen: 0.992 ug/l
 RT: 3.830 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

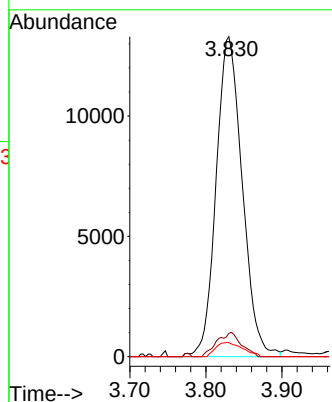
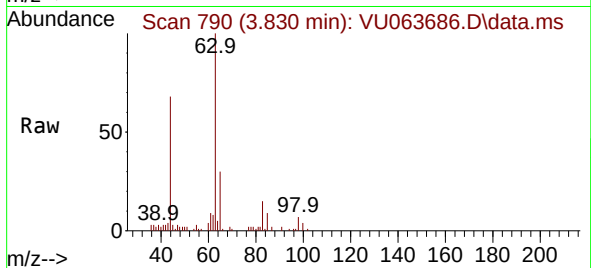
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT4-2025

Tgt Ion: 63 Resp: 31704

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.5	10.5
100	4.4	2.2	6.6

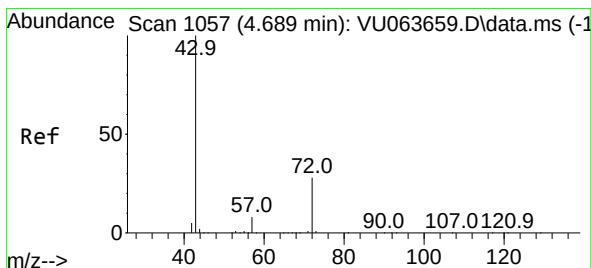
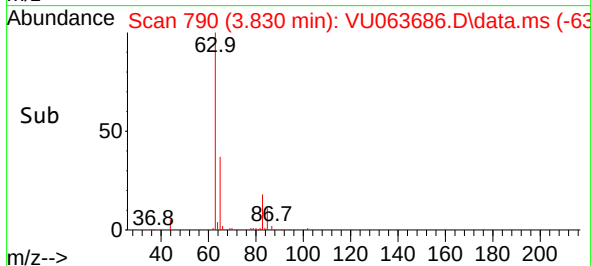
Manual Integrations
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Reviewed By :John
 Carlone



11/12/2025
 Supervised By :Mahesh
 Dadoda

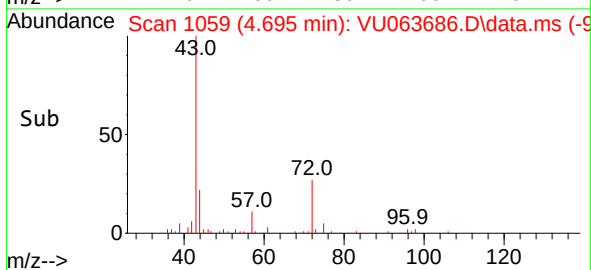
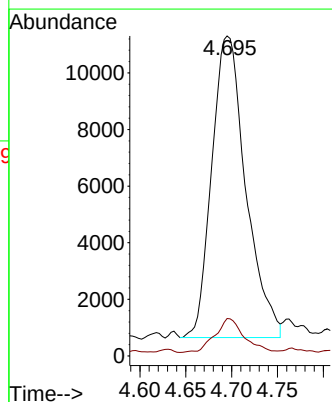
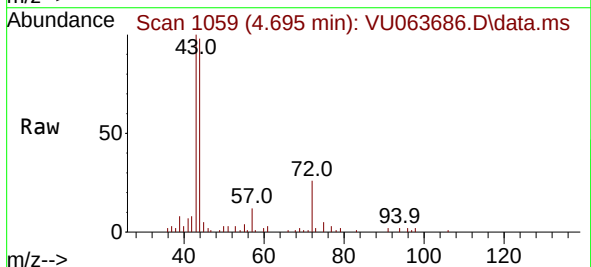
11/12/2025

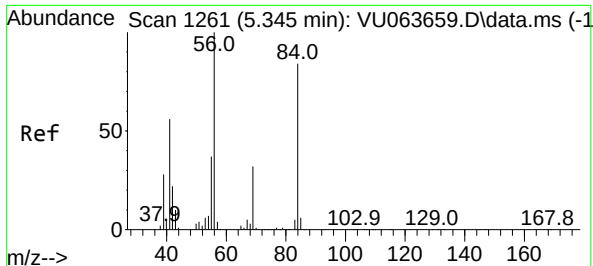


#18
 2-Butanone
 Concen: 4.059 ug/l
 RT: 4.695 min Scan# 1059
 Delta R.T. 0.006 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

Tgt Ion: 43 Resp: 27531

Ion	Ratio	Lower	Upper
43	100		
57	11.3	0.0	16.6





#19

Cyclohexane

Concen: 0.989 ug/l

RT: 5.341 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

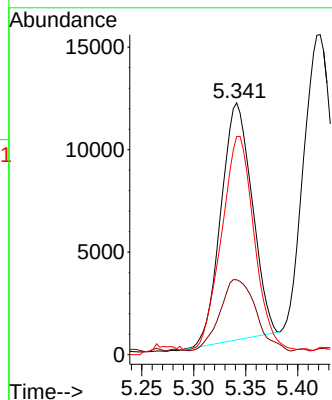
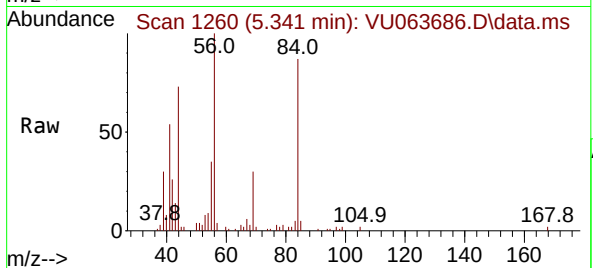
ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 56	Resp: 2415
Ion Ratio	Lower Upper
56	100
69	34.7 27.1 40.7
84	93.6 73.4 110.0

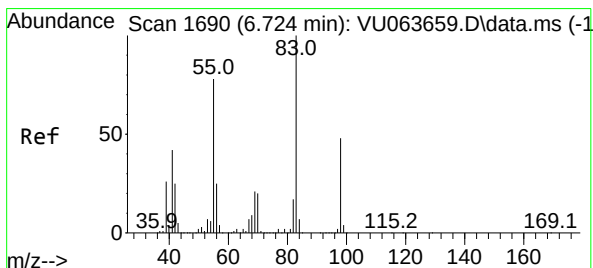
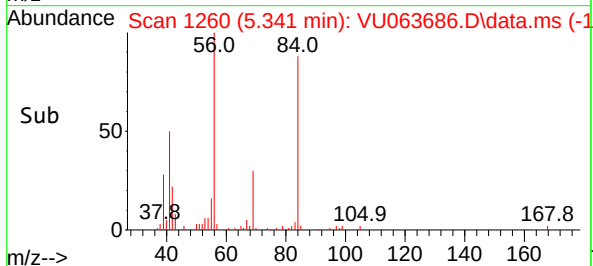
Manual Integrations
APPROVED

Reviewed By :John
Carlone



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Supervised By :Mahesh
Dadoda

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#20

Methylcyclohexane

Concen: 0.922 ug/l

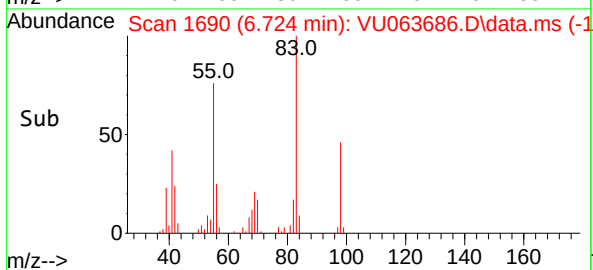
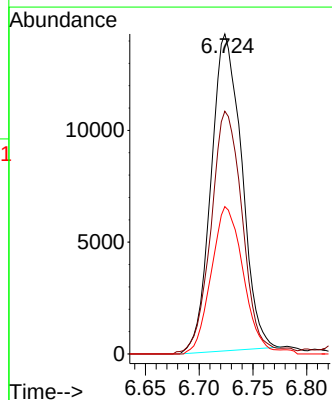
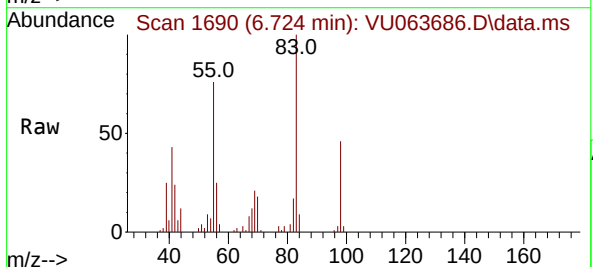
RT: 6.724 min Scan# 1690

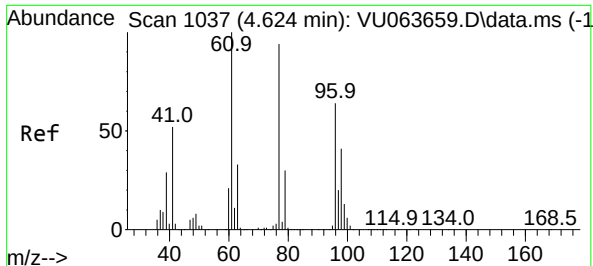
Delta R.T. -0.000 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Tgt Ion: 83	Resp: 28036
Ion Ratio	Lower Upper
83	100
55	77.7 61.5 92.3
98	49.2 37.9 56.9





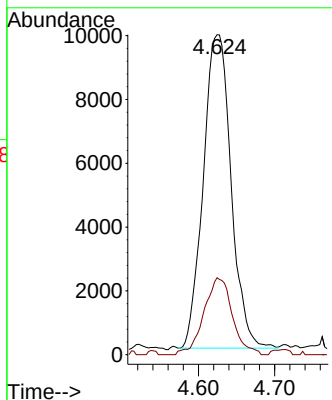
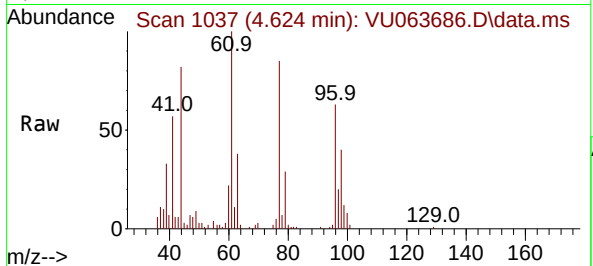
#21
2,2-Dichloropropane
Concen: 0.871 ug/l
RT: 4.624 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025

Tgt Ion: 77 Resp: 24974
Ion Ratio Lower Upper
77 100
97 25.0 17.1 25.7

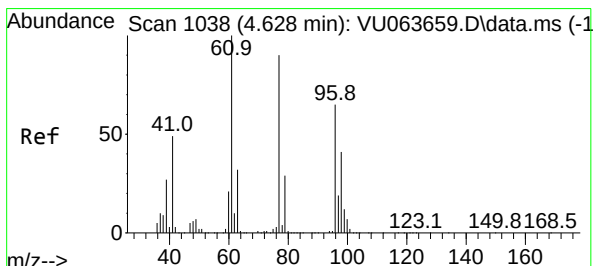
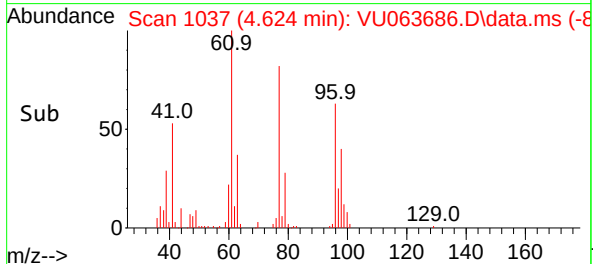
Manual Integrations
APPROVED

Reviewed By :John
Carlone



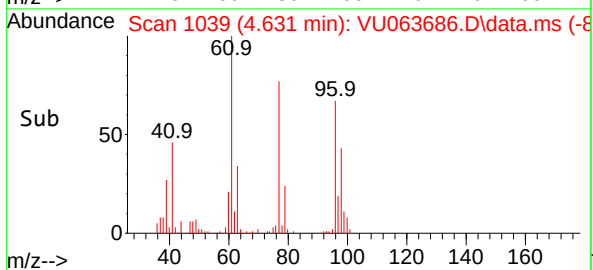
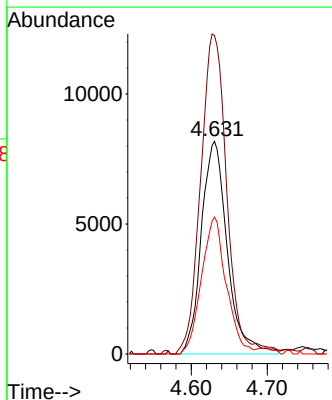
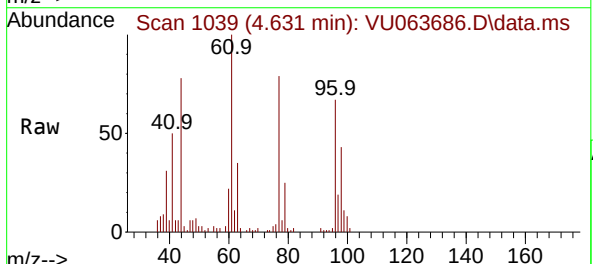
11/12/2025
Supervised By :Mahesh
Dadoda

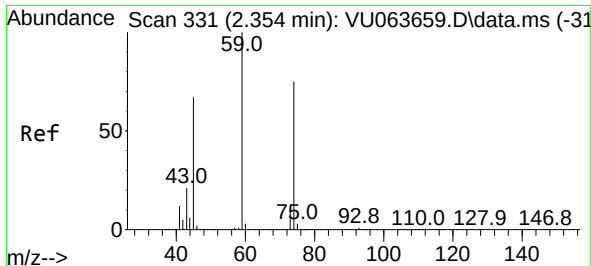
11/12/2025



#22
cis-1,2-Dichloroethene
Concen: 1.056 ug/l
RT: 4.631 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 96 Resp: 19403
Ion Ratio Lower Upper
96 100
61 151.6 0.0 385.0
98 61.5 31.3 93.9





#23

Diethyl Ether

Concen: 1.049 ug/l

RT: 2.361 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

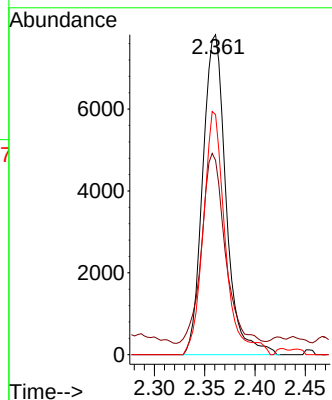
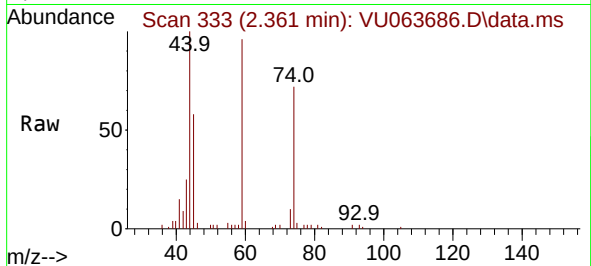
ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 59	Resp: 1257
Ion Ratio	Lower Upper
59 100	
45 59.9	52.6 78.8
74 71.5	59.4 89.2

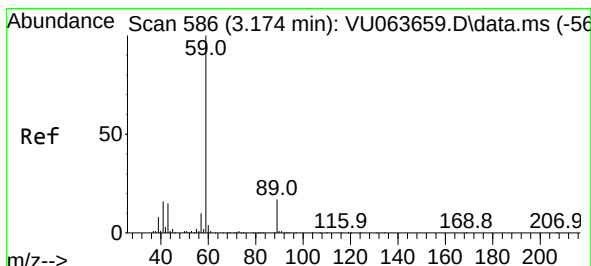
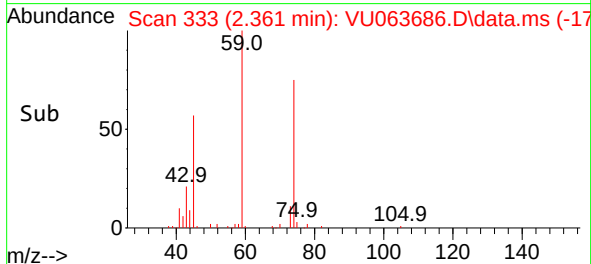
Manual Integrations
APPROVED

Reviewed By :John
Carlone



11/12/2025
Supervised By :Mahesh
Dadoda

11/12/2025



#24

tert-Butyl Alcohol

Concen: 8.841 ug/l

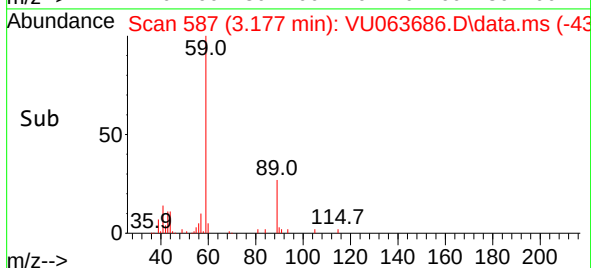
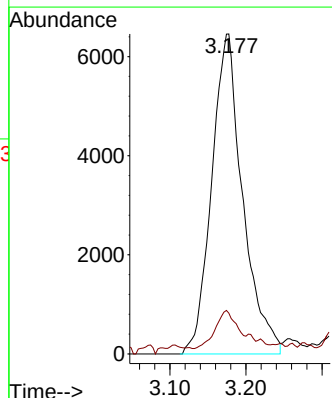
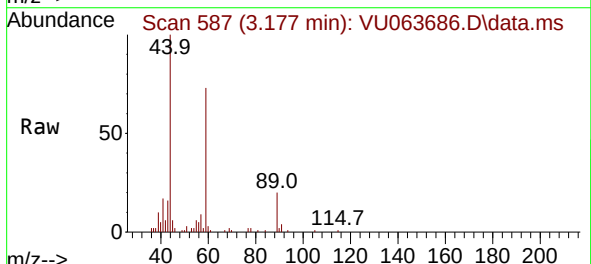
RT: 3.177 min Scan# 587

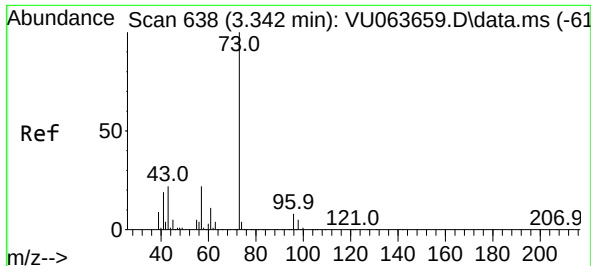
Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

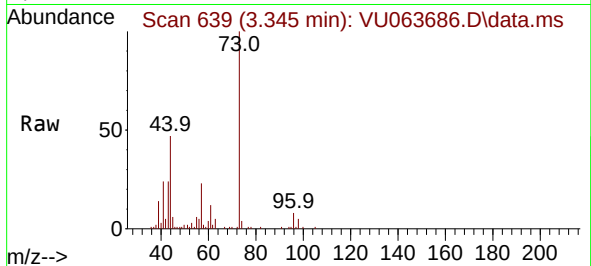
Tgt Ion: 59	Resp: 18274
Ion Ratio	Lower Upper
59 100	
57 8.4	7.2 10.8





#25
Methyl tert-Butyl Ether
Concen: 0.989 ug/l
RT: 3.345 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

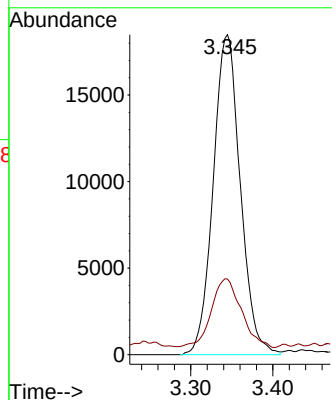
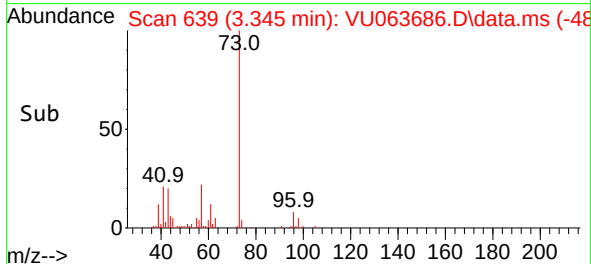
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 73 Resp: 42424
Ion Ratio Lower Upper
73 100
43 23.9 17.4 26.0

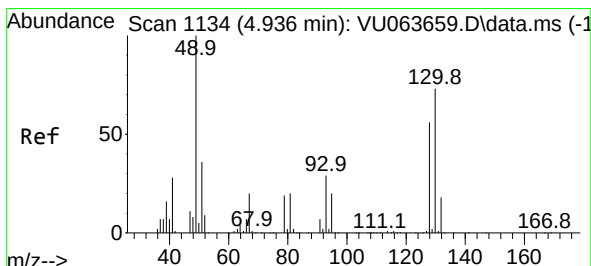
Manual Integrations
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Reviewed By :John
Carlone



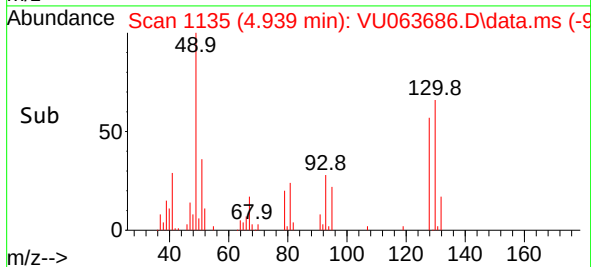
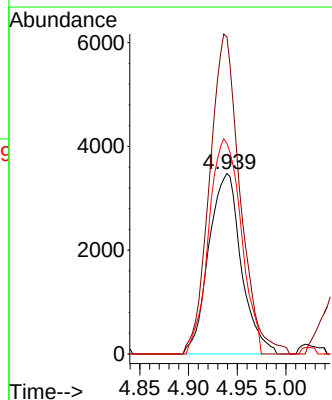
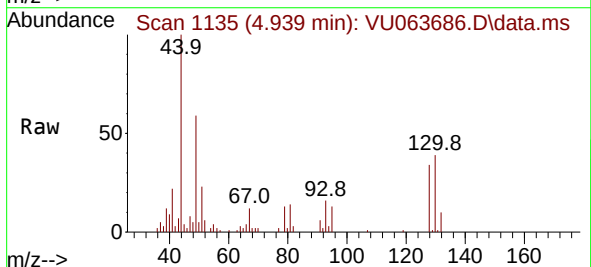
11/12/2025
Supervised By :Mahesh
Dadoda

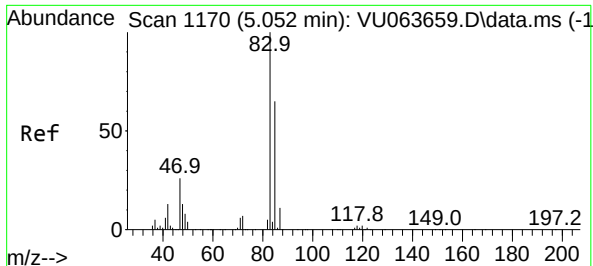
11/12/2025



#26
Bromochloromethane
Concen: 1.038 ug/l
RT: 4.939 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

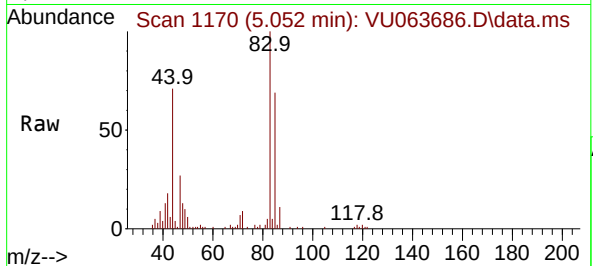
Tgt Ion:128 Resp: 8042
Ion Ratio Lower Upper
128 100
49 166.9 0.0 349.6
130 118.8 102.7 154.1





#27
Chloroform
Concen: 1.025 ug/l
RT: 5.052 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

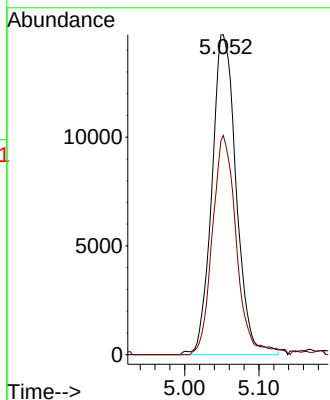
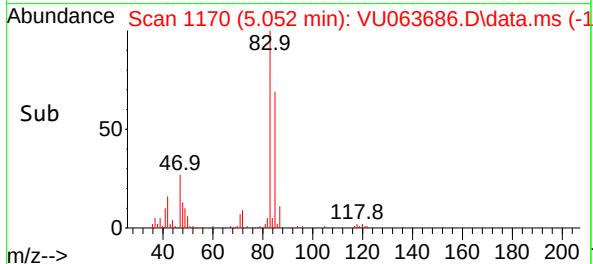
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 83 Resp: 3352
Ion Ratio Lower Upper
83 100
85 68.5 0.0 130.8

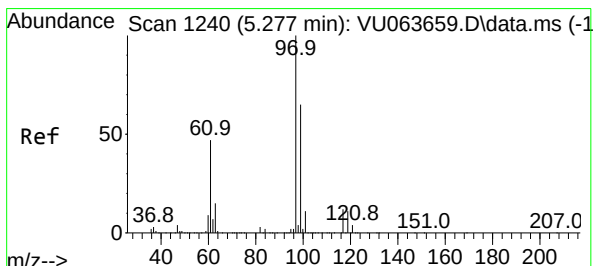
Manual Integrations
APPROVED

Reviewed By :John
Carlone



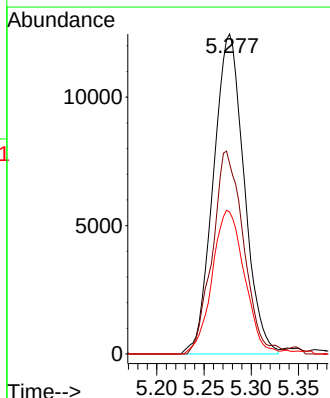
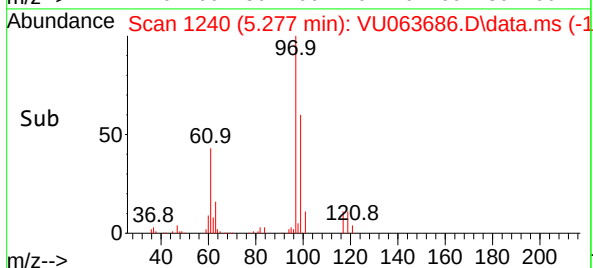
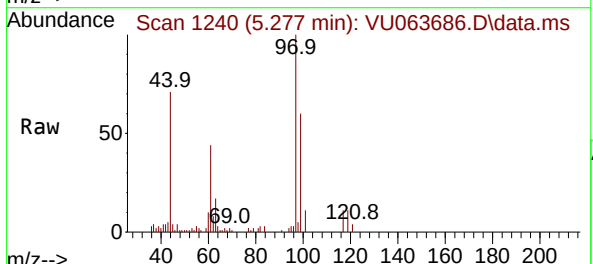
11/12/2025
Supervised By :Mahesh
Dadoda

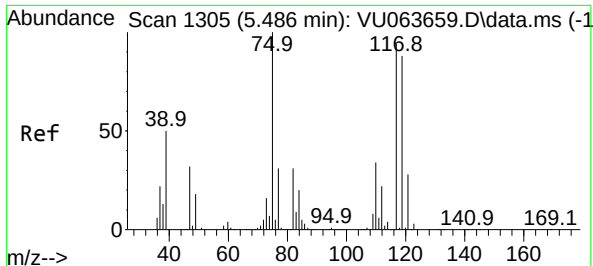
11/12/2025



#28
1,1,1-Trichloroethane
Concen: 0.978 ug/l
RT: 5.277 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 97 Resp: 28197
Ion Ratio Lower Upper
97 100
99 64.2 32.3 96.8
61 47.1 23.3 69.8





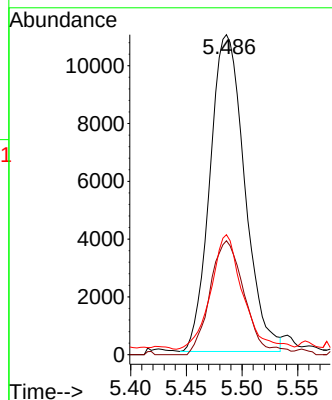
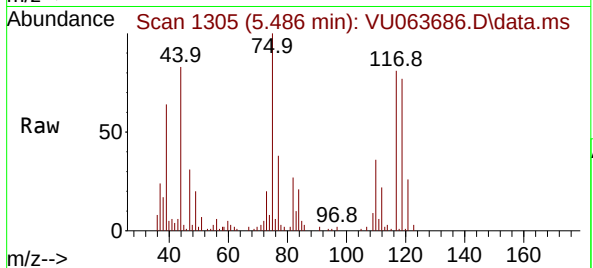
#29
1,1-Dichloropropene
Concen: 0.981 ug/l
RT: 5.486 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 75 Resp: 2374
Ion Ratio Lower Upper
75 100
110 35.7 17.2 51.5
77 33.4 24.5 36.7

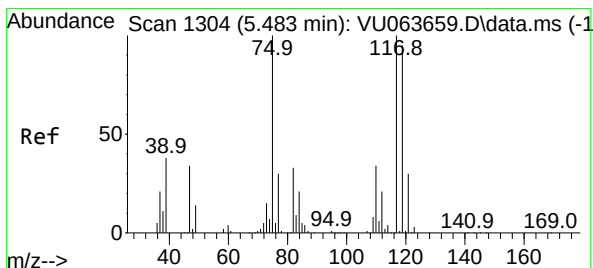
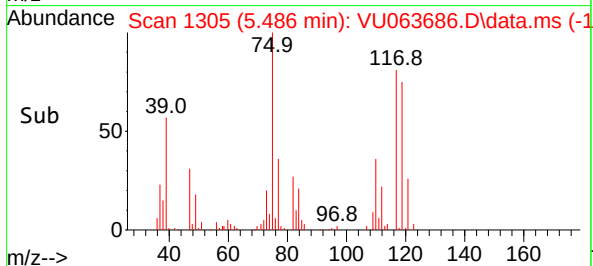
Manual Integrations
APPROVED

Reviewed By :John
Carlone



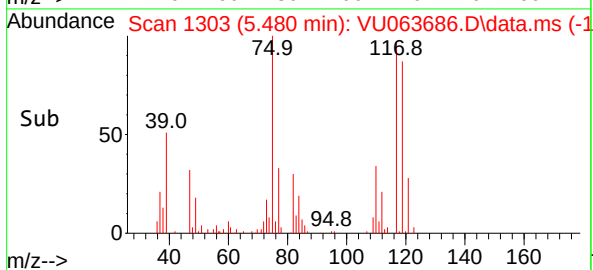
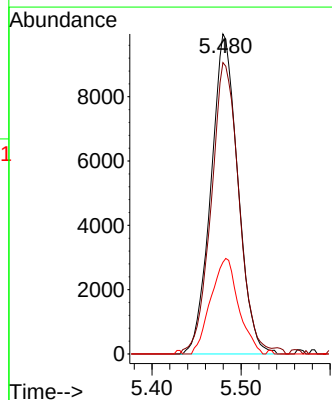
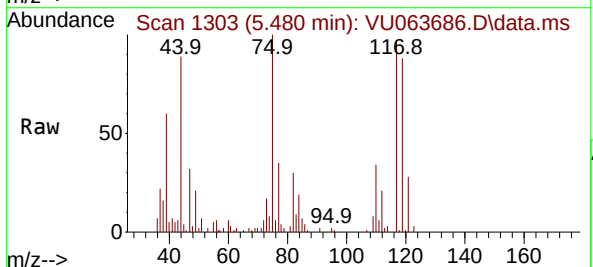
11/12/2025
Supervised By :Mahesh
Dadoda

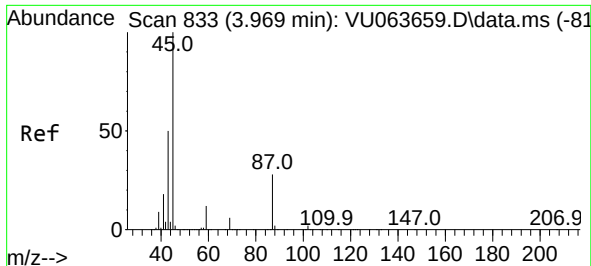
11/12/2025



#30
Carbon Tetrachloride
Concen: 0.915 ug/l
RT: 5.480 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:117 Resp: 20894
Ion Ratio Lower Upper
117 100
119 91.1 75.7 113.5
121 28.6 23.8 35.6





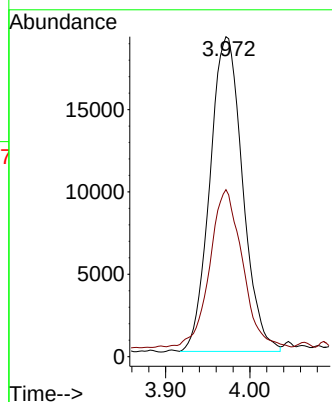
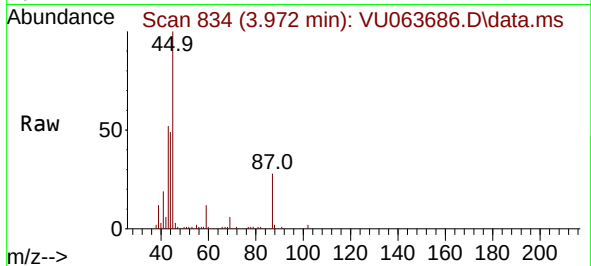
#31
Isopropyl Ether
Concen: 1.015 ug/l
RT: 3.972 min Scan# 814
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Instrument : MSVOA_U
Client SampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 45 Resp: 51414
Ion Ratio Lower Upper
45 100
43 49.6 25.3 75.9

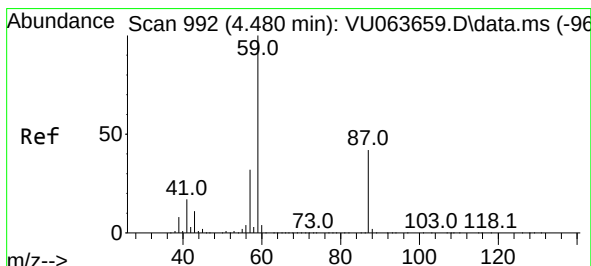
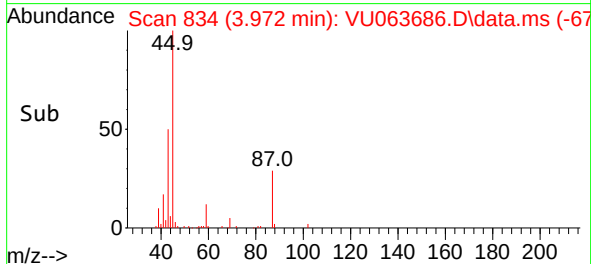
Manual Integrations
APPROVED

Reviewed By :John
Carlone



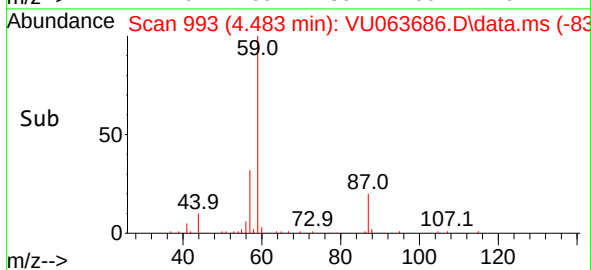
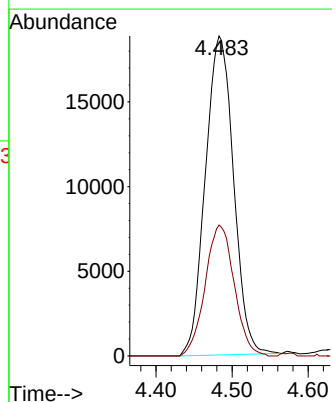
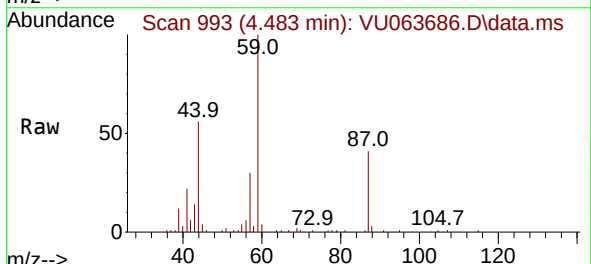
11/12/2025
Supervised By :Mahesh
Dadoda

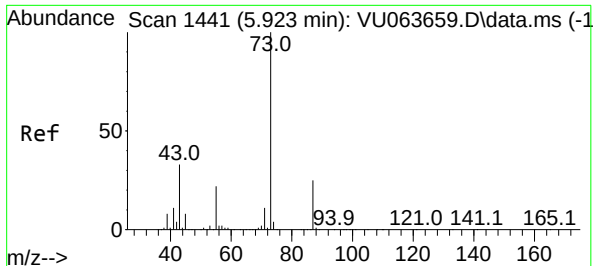
11/12/2025



#32
Ethyl-t-butyl ether
Concen: 0.993 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

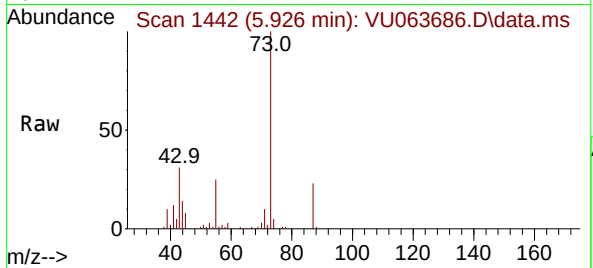
Tgt Ion: 59 Resp: 48445
Ion Ratio Lower Upper
59 100
87 42.3 33.0 49.6





#33
Tert-Amyl methyl ether
Concen: 1.000 ug/l
RT: 5.926 min Scan# 1441
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

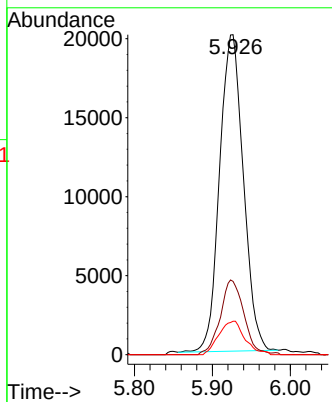
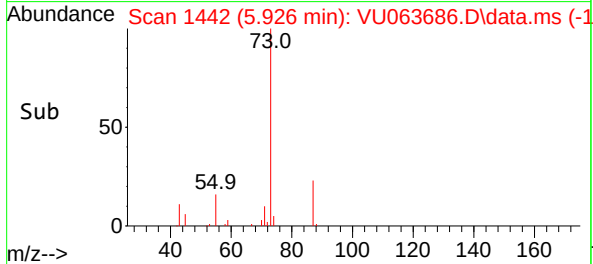
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 73 Resp: 42464
Ion Ratio Lower Upper
73 100
87 22.6 20.0 30.0
71 11.6 9.0 13.4

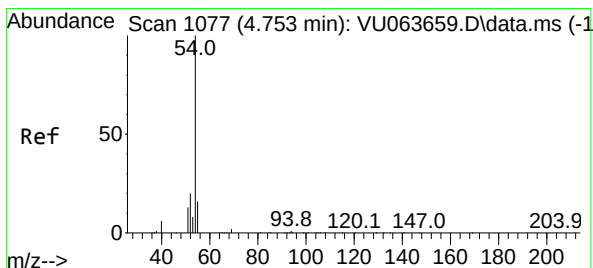
Manual Integrations
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Reviewed By :John
Carlone

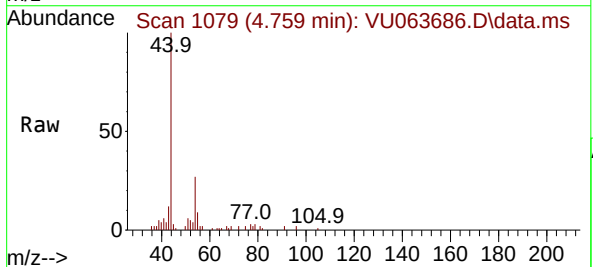


11/12/2025
Supervised By :Mahesh
Dadoda

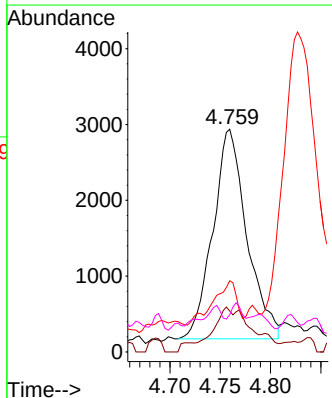
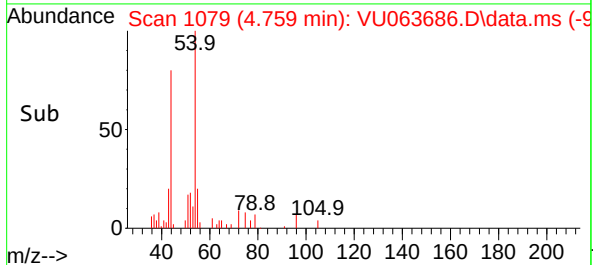
11/12/2025

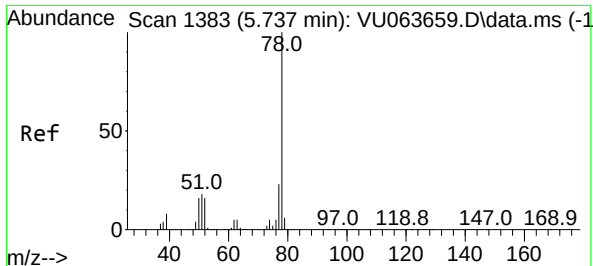


#34
Propionitrile
Concen: 4.897 ug/l
RT: 4.759 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58



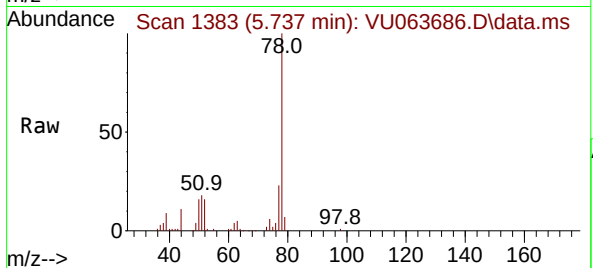
Tgt Ion: 54 Resp: 6490
Ion Ratio Lower Upper
54 100
52 8.1 15.8 23.6#
55 14.6 11.3 16.9
40 2.1 6.2 9.4#





#35
Benzene
Concen: 1.061 ug/l
RT: 5.737 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

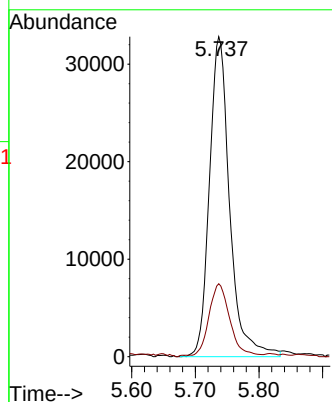
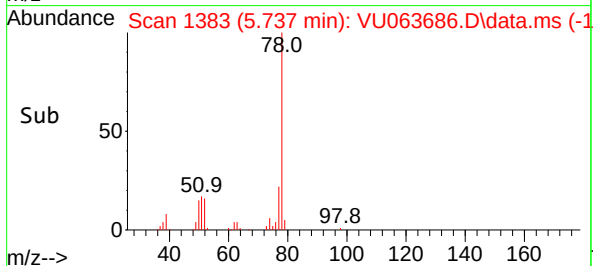
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025



Tgt Ion: 78 Resp: 72410
Ion Ratio Lower Upper
78 100
77 22.5 18.3 27.5

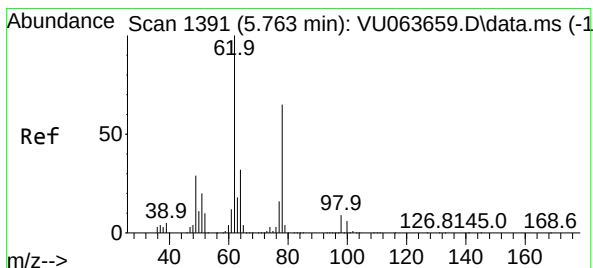
Manual Integrations
APPROVED

Reviewed By :John
Carlone

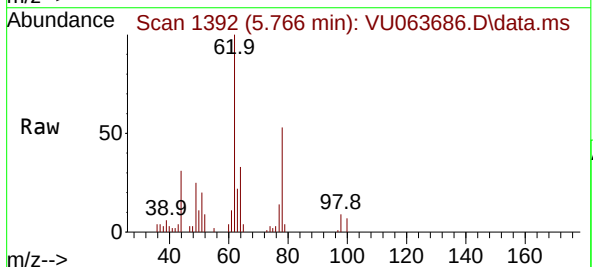


11/12/2025
Supervised By :Mahesh
Dadoda

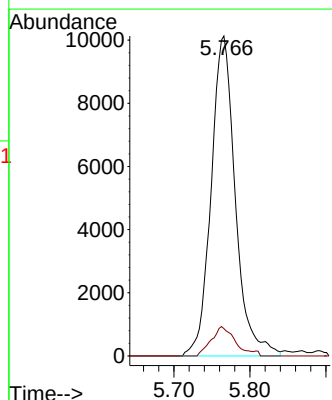
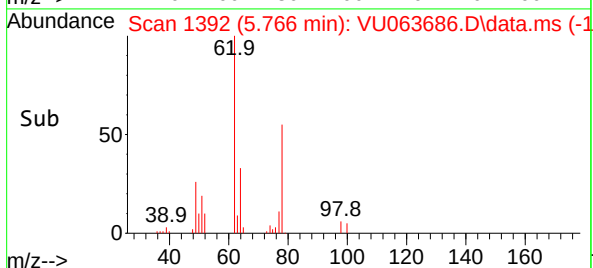
11/12/2025

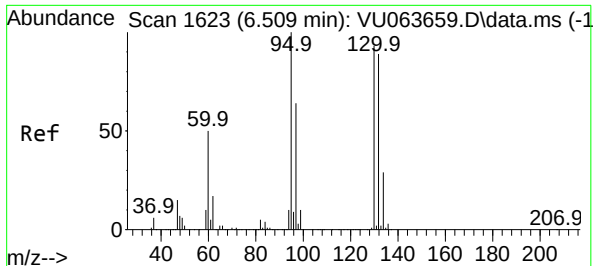


#36
1,2-Dichloroethane
Concen: 1.023 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58



Tgt Ion: 62 Resp: 22427
Ion Ratio Lower Upper
62 100
98 9.1 6.8 10.2





#37

Trichloroethene

Concen: 1.044 ug/l

RT: 6.512 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:130 Resp: 2031

Ion Ratio Lower Upper

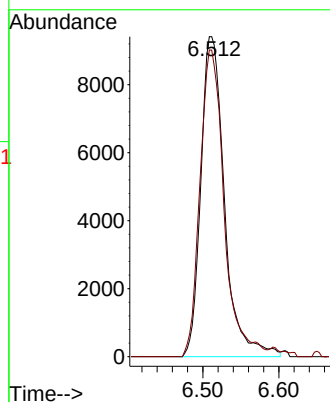
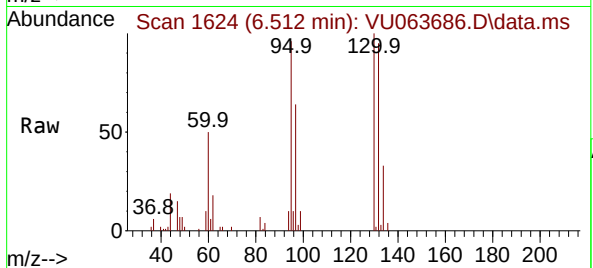
130 100

95 95.8 86.0 129.0

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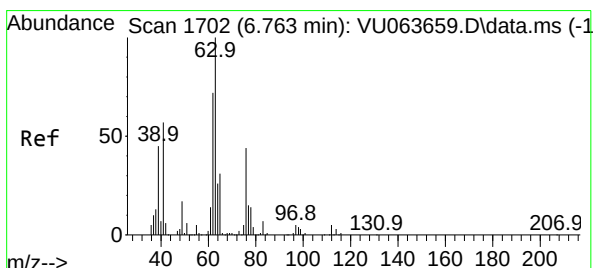
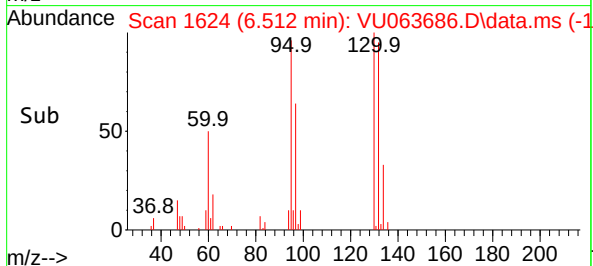
APPROVED

Reviewed By :John
Carlone



11/12/2025
Supervised By :Mahesh
Dadoda

11/12/2025



#38

1,2-Dichloropropane

Concen: 0.961 ug/l

RT: 6.766 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VU063686.D

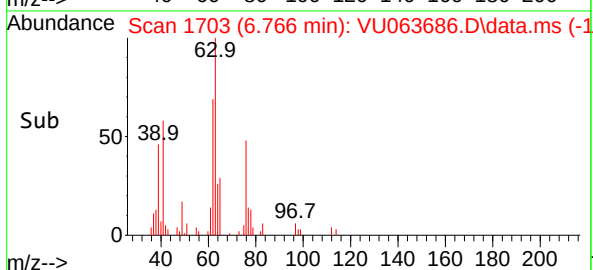
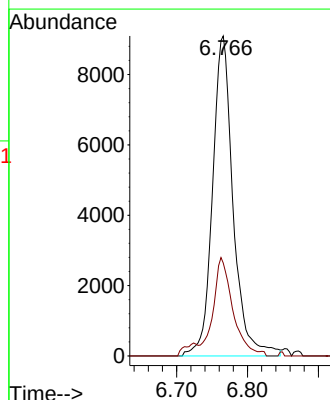
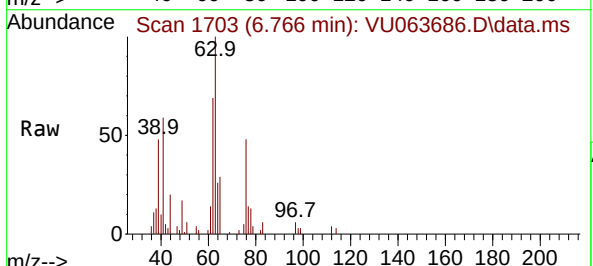
Acq: 07 Nov 2025 14:58

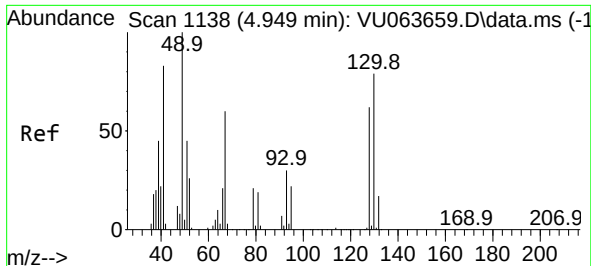
Tgt Ion: 63 Resp: 18359

Ion Ratio Lower Upper

63 100

65 27.8 24.5 36.7





#39

Methacrylonitrile

Concen: 1.020 ug/l

RT: 4.949 min Scan# 1138

Delta R.T. -0.000 min

Lab File: VU063686.D

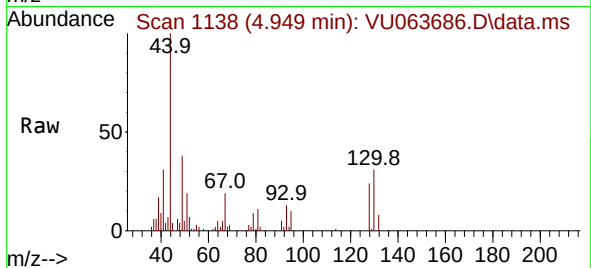
Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

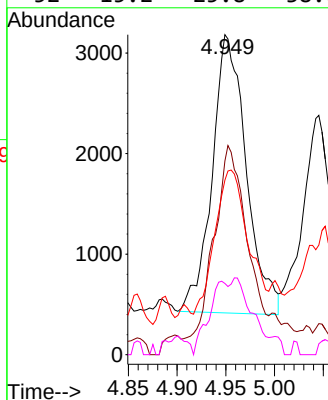
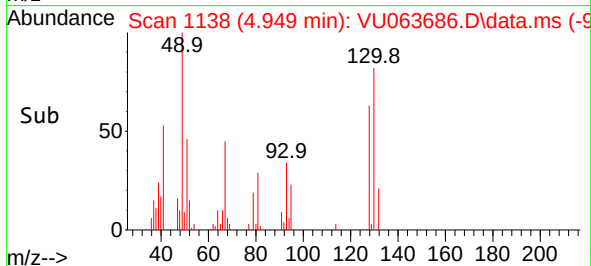
LOQ-WATER-02-QT4-2025



Tgt Ion:	41	Resp:	6720
Ion	Ratio	Lower	Upper
41	100		
67	63.8	61.4	92.2
39	50.4	46.5	69.7
52	15.2	25.8	38.6

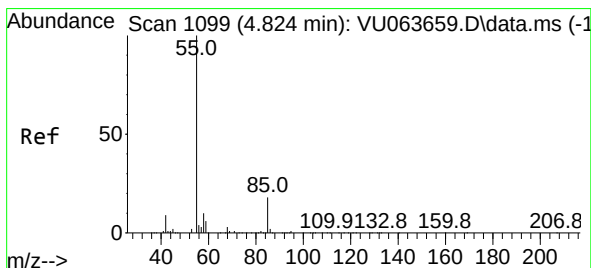
Manual Integrations
APPROVED

Reviewed By :John
Carlone



11/12/2025
Supervised By :Mahesh
Dadoda

11/12/2025



#40

Methyl acrylate

Concen: 0.954 ug/l

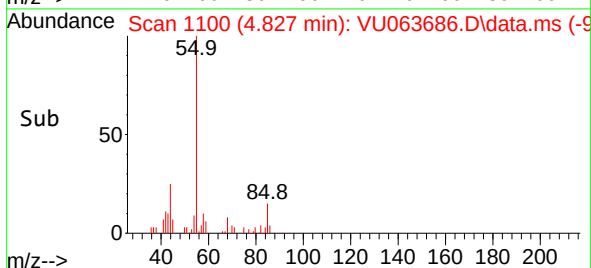
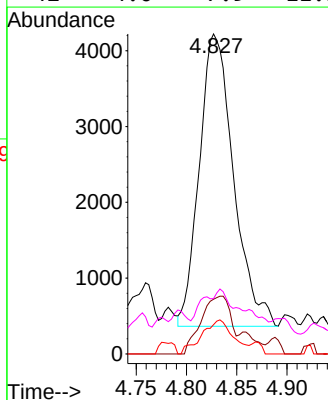
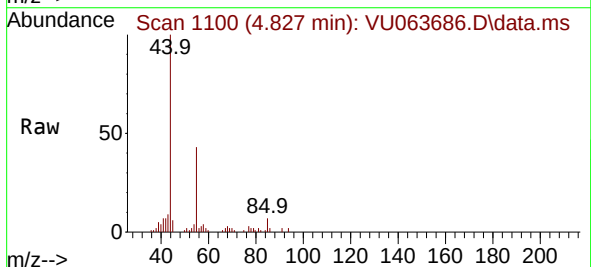
RT: 4.827 min Scan# 1100

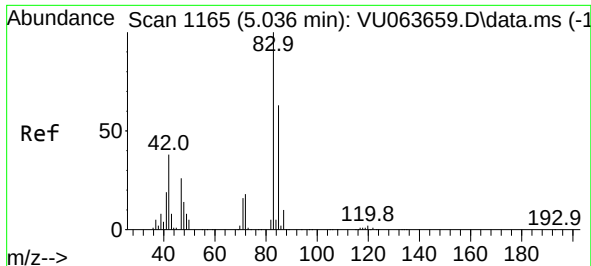
Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Tgt Ion:	55	Resp:	9138
Ion	Ratio	Lower	Upper
55	100		
85	0.0	15.3	22.9
58	0.0	7.7	11.5
42	4.0	7.9	11.9





#41

Tetrahydrofuran

Concen: 2.093 ug/l

RT: 5.042 min Scan# 1165

Delta R.T. 0.006 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

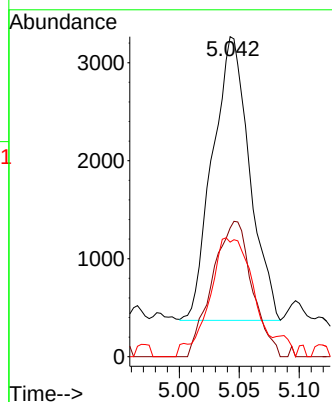
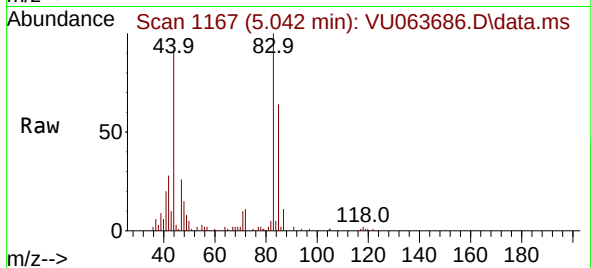
ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 42	Resp: 6214
Ion Ratio	Lower Upper
42 100	
72 51.0	40.5 60.7
71 48.5	35.0 52.6

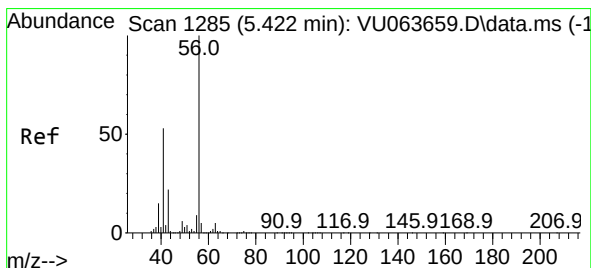
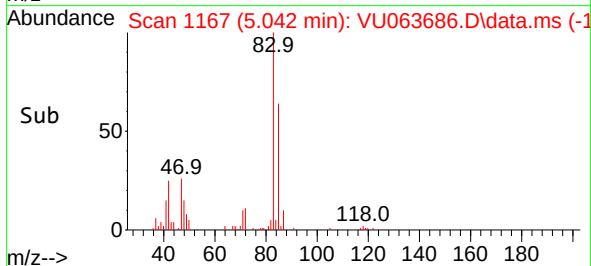
Manual Integrations
APPROVED

Reviewed By :John
Carlone



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Supervised By :Mahesh
Dadoda

11/12/2025



#42

1-Chlorobutane

Concen: 0.977 ug/l

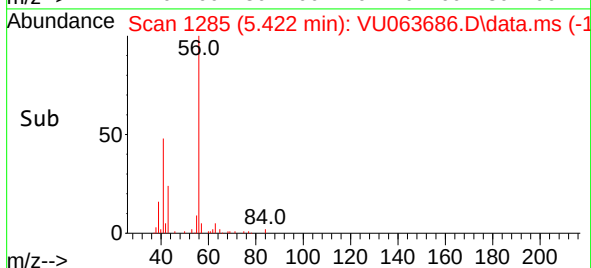
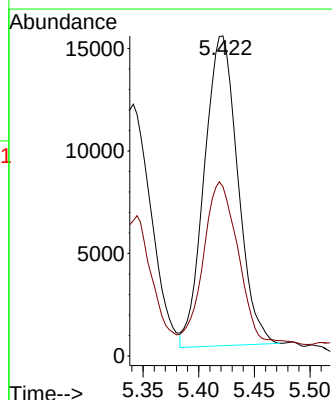
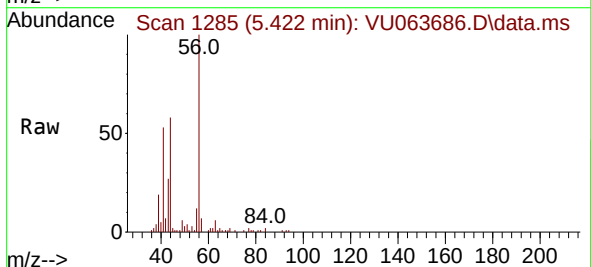
RT: 5.422 min Scan# 1285

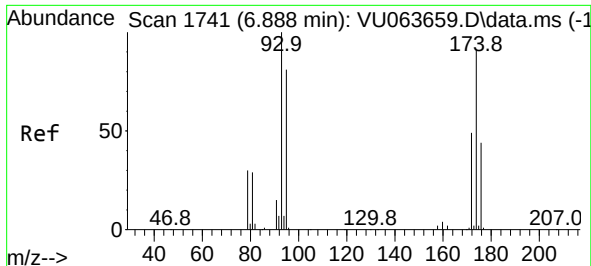
Delta R.T. -0.000 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

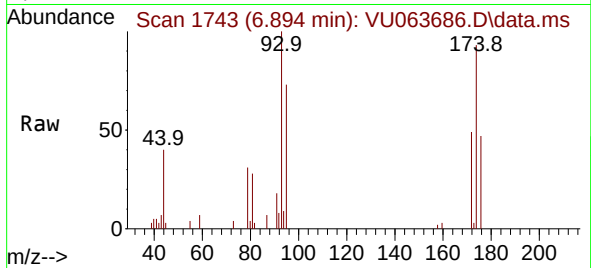
Tgt Ion: 56	Resp: 31690
Ion Ratio	Lower Upper
56 100	
41 54.9	25.9 77.6





#43
Dibromomethane
Concen: 0.967 ug/l
RT: 6.894 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

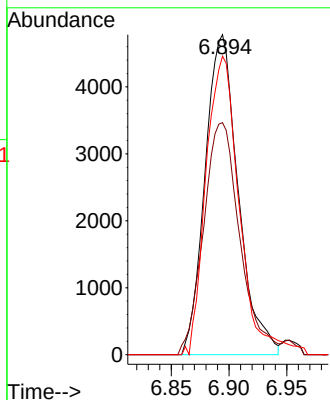
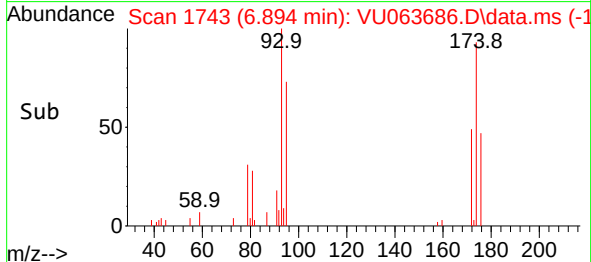
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 93 Resp: 9550
Ion Ratio Lower Upper
93 100
95 79.0 64.6 97.0
174 93.8 73.8 110.8

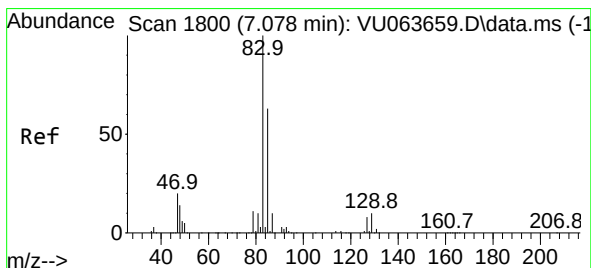
Manual Integrations
APPROVED

Reviewed By :John
Carlone

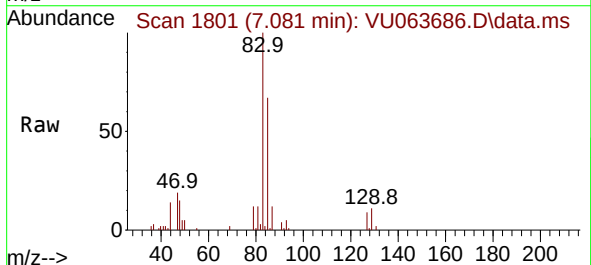


11/12/2025
Supervised By :Mahesh
Dadoda

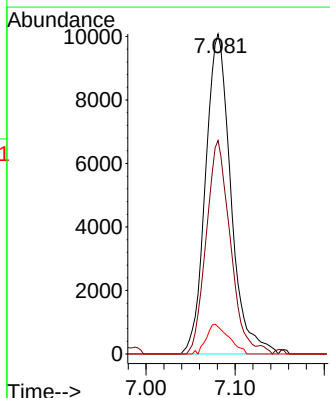
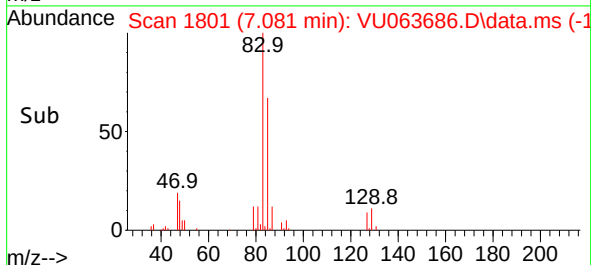
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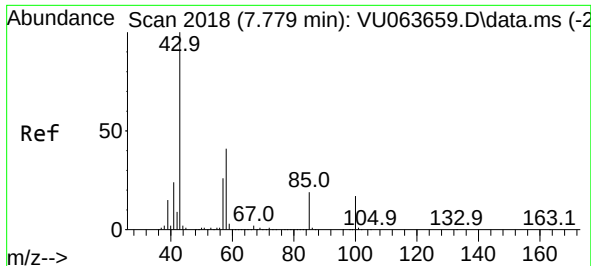


#44
Bromodichloromethane
Concen: 0.824 ug/l
RT: 7.081 min Scan# 1801
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58



Tgt Ion: 83 Resp: 19898
Ion Ratio Lower Upper
83 100
85 66.7 50.5 75.7
127 8.5 6.4 9.6





#45

4-Methyl-2-Pentanone

Concen: 4.293 ug/l

RT: 7.782 min Scan# 2018

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

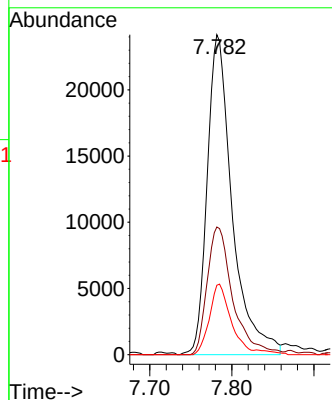
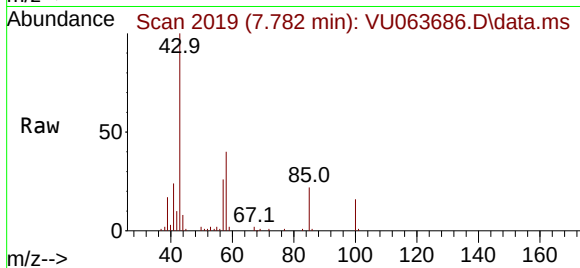
ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 43	Resp: 5114
Ion Ratio	Lower Upper
43 100	
58 40.8	20.2 60.5
85 18.9	15.0 22.6

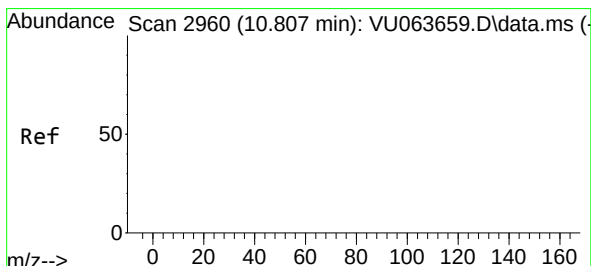
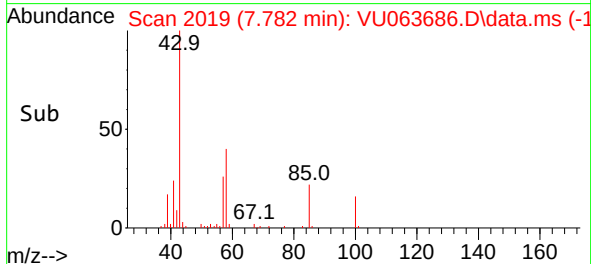
Manual Integrations
APPROVED

Reviewed By :John
Carlone



11/12/2025
Supervised By :Mahesh
Dadoda

11/12/2025



#46

t-1,4-Dichloro-2-butene

Concen: 1.787 ug/l m

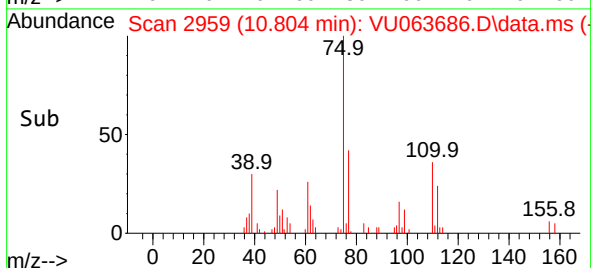
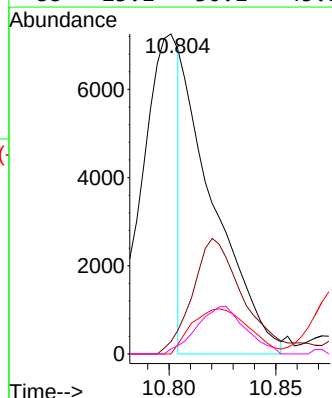
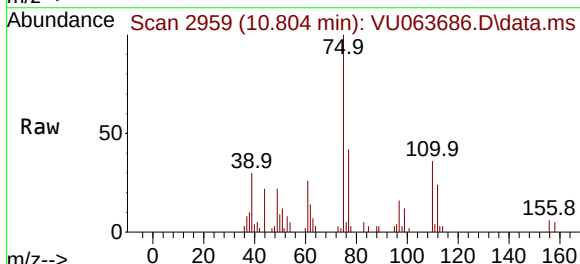
RT: 10.804 min Scan# 2959

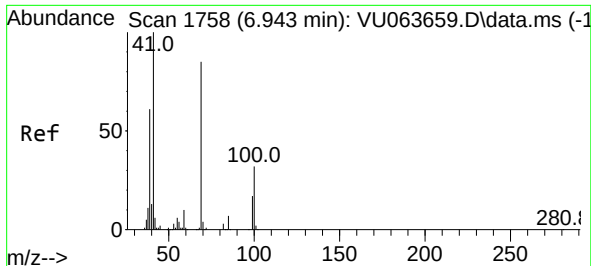
Delta R.T. -0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Tgt Ion: 75	Resp: 7387
Ion Ratio	Lower Upper
75 100	
53 60.7	57.2 85.8
89 25.7	37.9 56.9#
88 23.1	30.1 45.1#





#47

Methyl methacrylate

Concen: 1.863 ug/l

RT: 6.949 min Scan# 1758

Delta R.T. 0.006 min

Lab File: VU063686.D

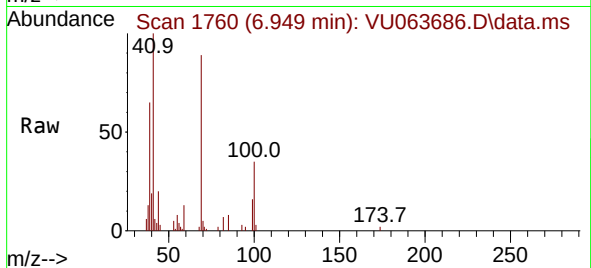
Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025



Tgt Ion: 69 Resp: 1694

Ion Ratio Lower Upper

69 100

41 108.3 0.0 228.2

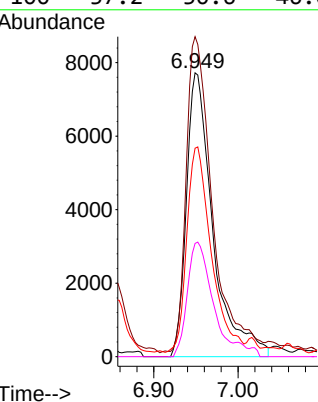
39 66.6 56.2 84.4

100 37.2 30.6 46.0

Manual Integrations

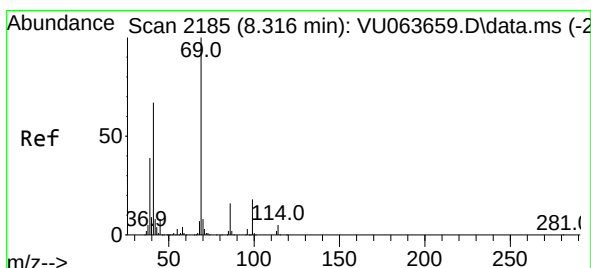
APPROVED

Reviewed By :John
Carlone



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Supervised By :Mahesh
Dadoda

11/12/2025



#48

Ethyl methacrylate

Concen: 0.842 ug/l

RT: 8.322 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VU063686.D

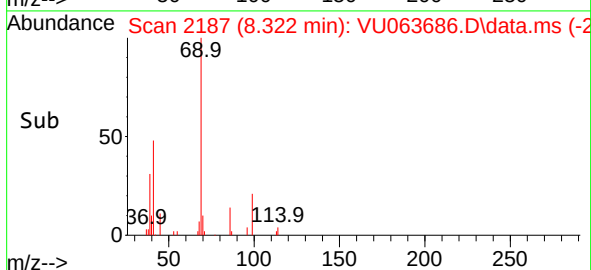
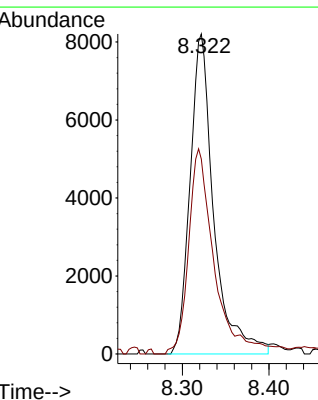
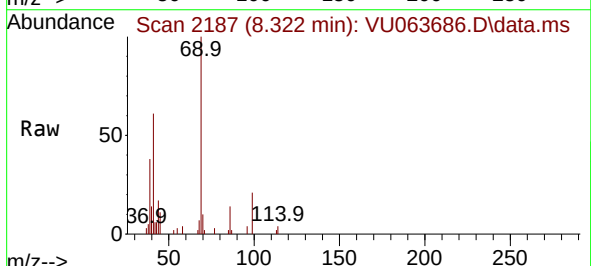
Acq: 07 Nov 2025 14:58

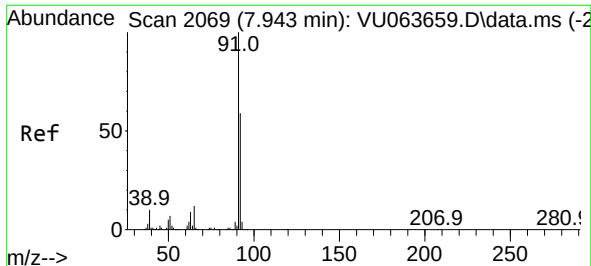
Tgt Ion: 69 Resp: 15576

Ion Ratio Lower Upper

69 100

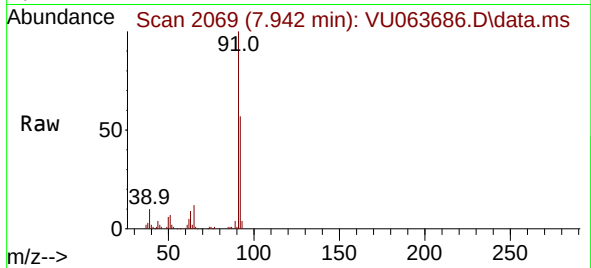
41 70.2 32.8 98.3





#49
Toluene
Concen: 0.943 ug/l
RT: 7.942 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

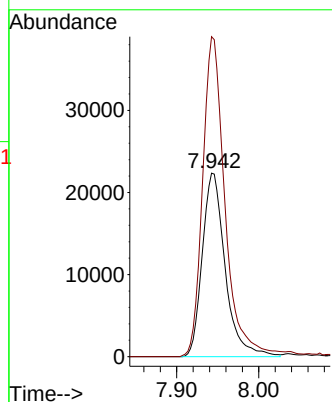
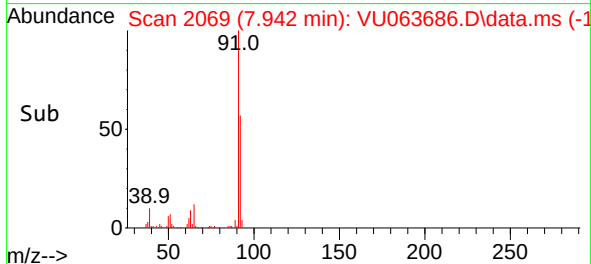
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025



Tgt Ion: 92 Resp: 43390
Ion Ratio Lower Upper
92 100
91 170.5 136.8 205.2

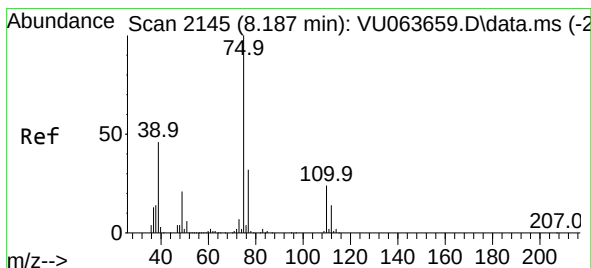
Manual Integrations
APPROVED

Reviewed By :John
Carlone

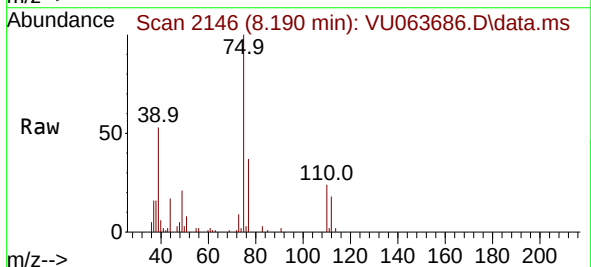


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Supervised By :Mahesh
Dadoda

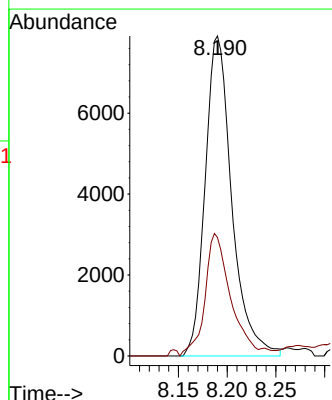
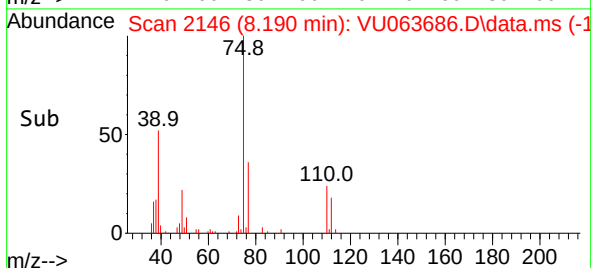
11/12/2025

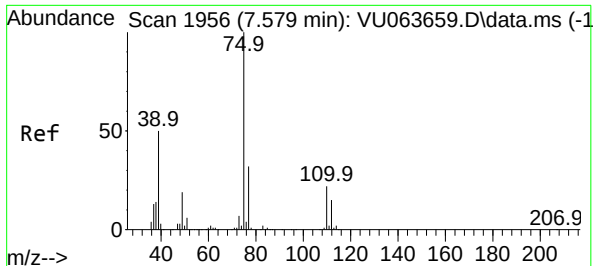


#50
t-1,3-Dichloropropene
Concen: 0.716 ug/l
RT: 8.190 min Scan# 2146
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58



Tgt Ion: 75 Resp: 15027
Ion Ratio Lower Upper
75 100
77 37.0 25.8 38.6





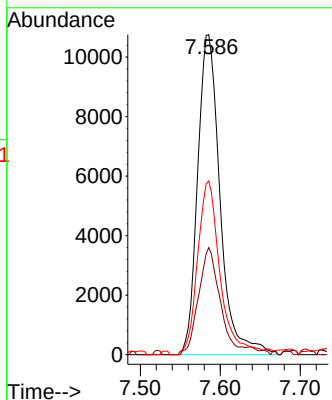
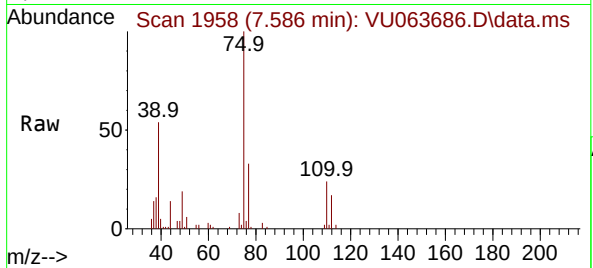
#51
cis-1,3-Dichloropropene
Concen: 0.800 ug/l
RT: 7.586 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 75	Resp: 2101
Ion Ratio	Lower Upper
75 100	
77 33.5	25.5 38.3
39 54.3	39.9 59.9

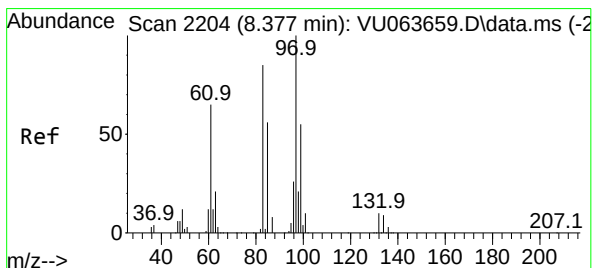
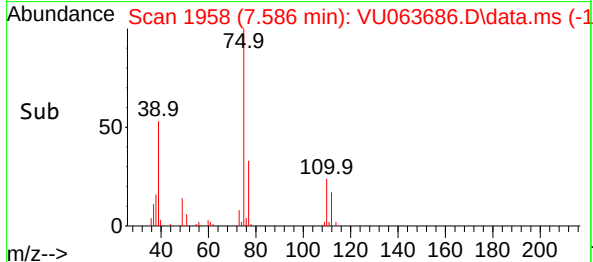
Manual Integrations
APPROVED

Reviewed By :John
Carlone



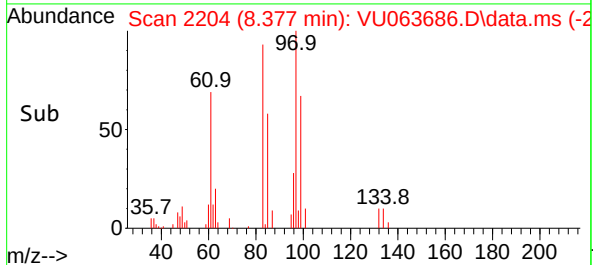
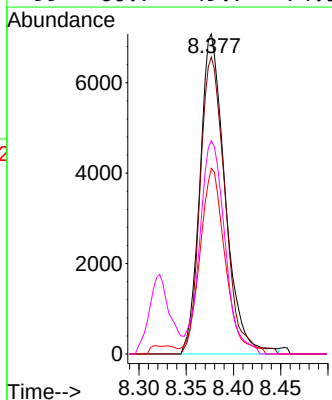
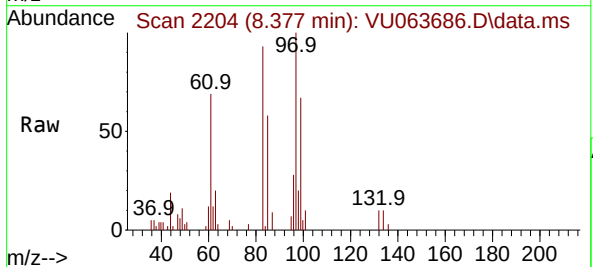
11/12/2025
Supervised By :Mahesh
Dadoda

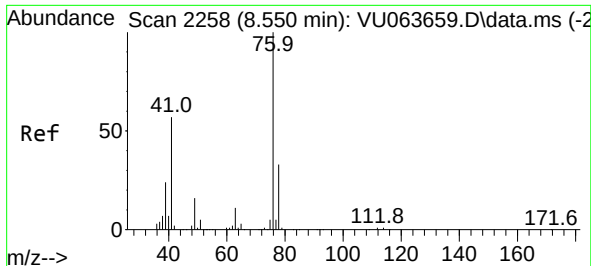
11/12/2025



#52
1,1,2-Trichloroethane
Concen: 0.975 ug/l
RT: 8.377 min Scan# 2204
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion: 97	Resp: 13096
Ion Ratio	Lower Upper
97 100	
83 92.8	68.3 102.5
85 58.1	45.3 67.9
99 66.7	49.7 74.5





#53

1,3-Dichloropropane

Concen: 0.945 ug/l

RT: 8.553 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

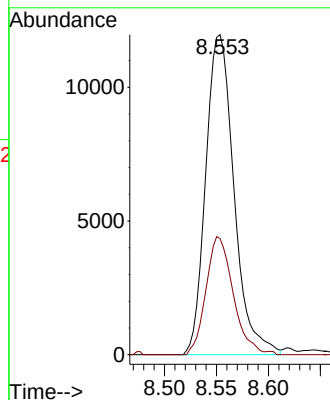
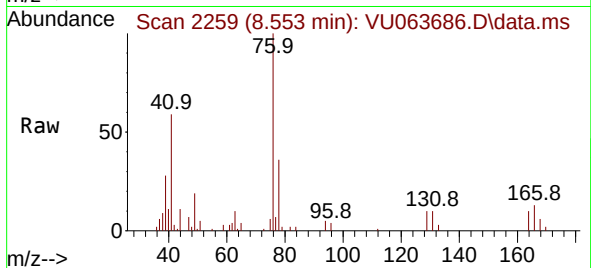
ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 76 Resp: 2267
 Ion Ratio Lower Upper
 76 100
 78 35.6 25.8 38.6

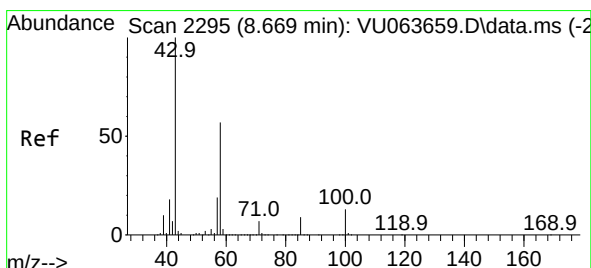
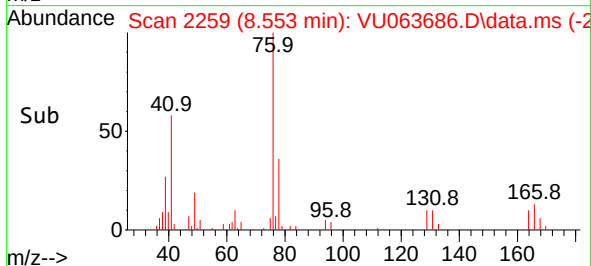
Manual Integrations
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Reviewed By :John
 Carlone



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 Supervised By :Mahesh
 Dadoda

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#54

2-Hexanone

Concen: 3.731 ug/l

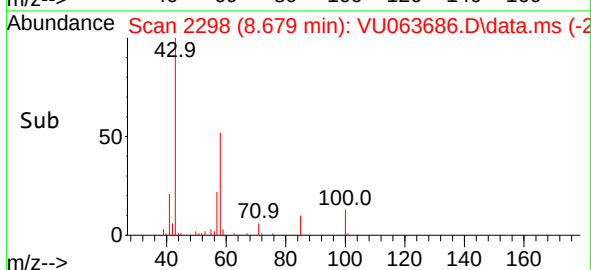
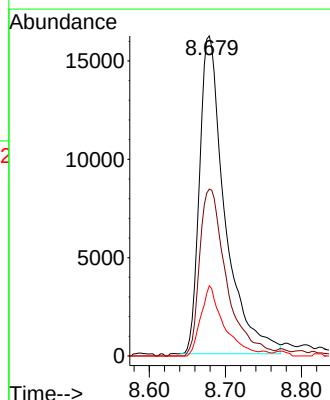
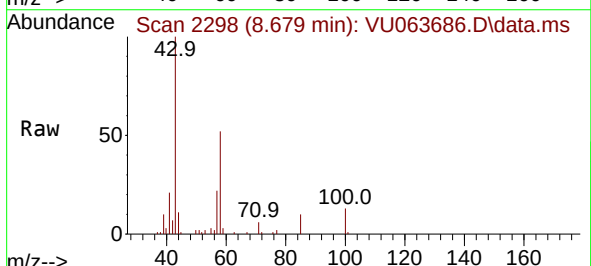
RT: 8.679 min Scan# 2298

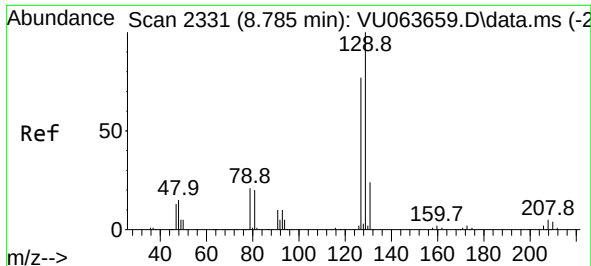
Delta R.T. 0.009 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

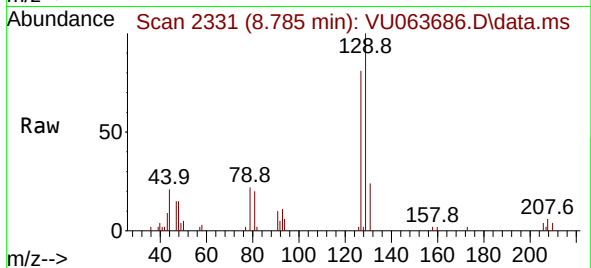
Tgt Ion: 43 Resp: 37532
 Ion Ratio Lower Upper
 43 100
 58 55.6 36.3 76.3
 57 20.0 0.0 39.7





#55
Dibromochloromethane
Concen: 0.760 ug/l
RT: 8.785 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

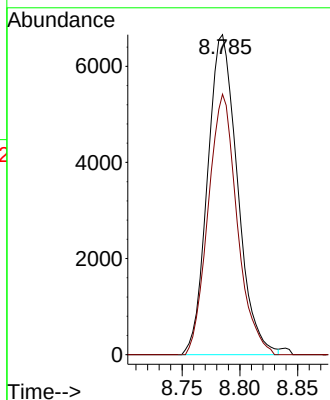
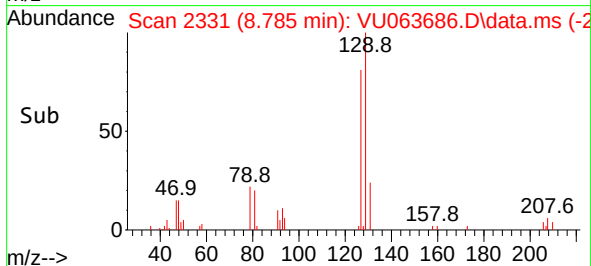
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025



Tgt Ion:129 Resp: 12018
Ion Ratio Lower Upper
129 100
127 78.8 61.4 92.0

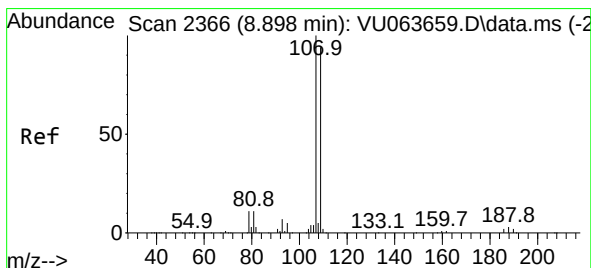
Manual Integrations
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Reviewed By :John
Carlone

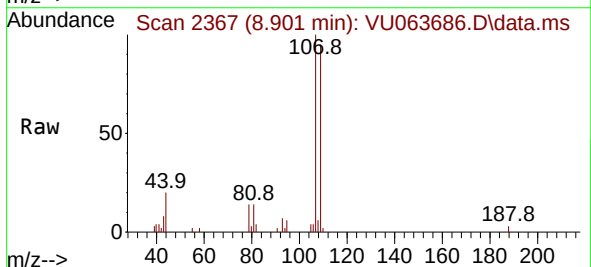


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Supervised By :Mahesh
Dadoda

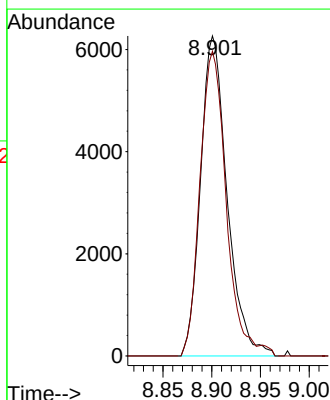
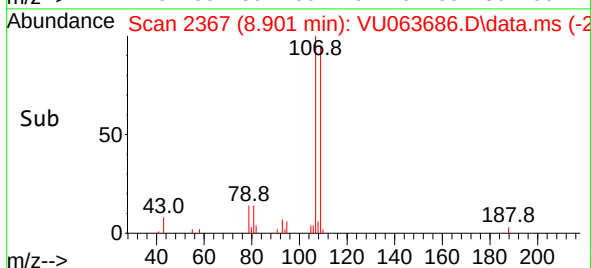
11/12/2025

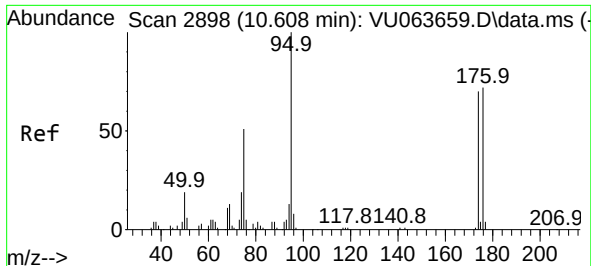


#56
1,2-Dibromoethane
Concen: 0.930 ug/l
RT: 8.901 min Scan# 2367
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58



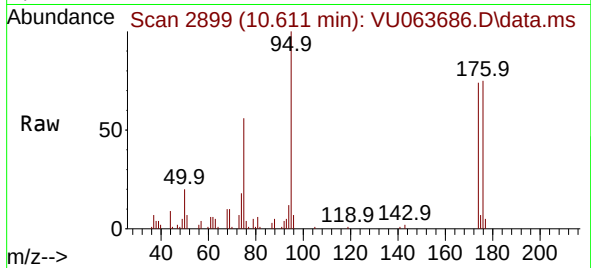
Tgt Ion:107 Resp: 11886
Ion Ratio Lower Upper
107 100
109 94.1 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.937 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

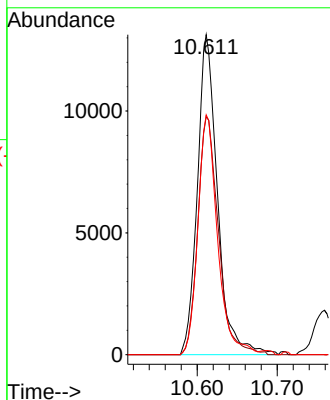
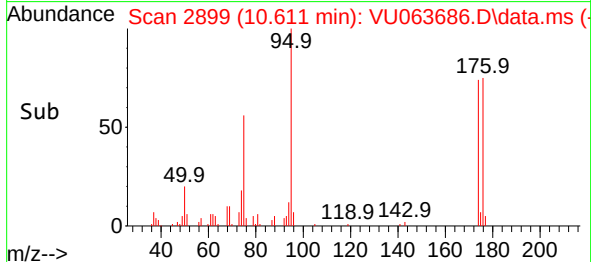
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 95 Resp: 23018
Ion Ratio Lower Upper
95 100
174 76.4 59.9 89.9
176 73.3 58.8 88.2

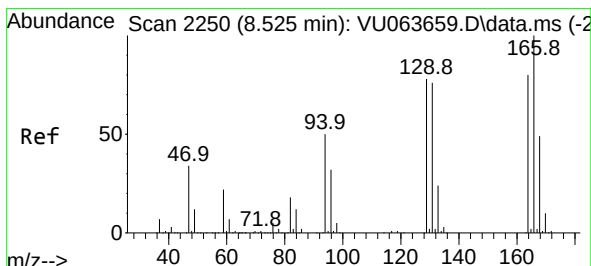
Manual Integrations
APPROVED

Reviewed By :John
Carlone



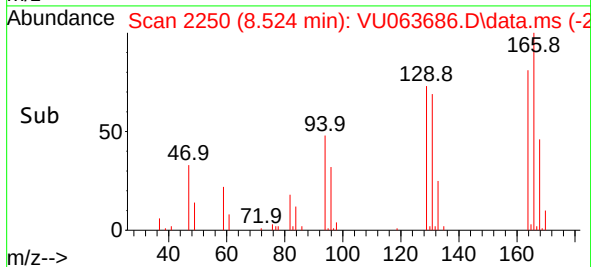
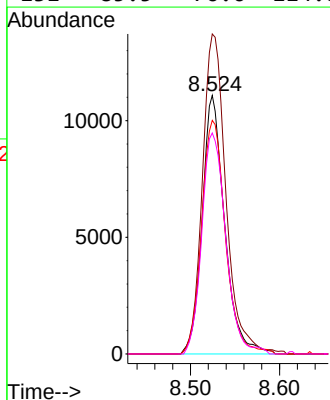
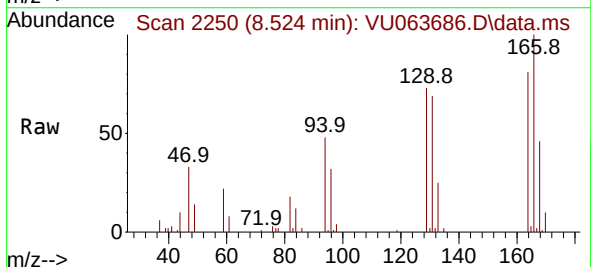
11/12/2025
Supervised By :Mahesh
Dadoda

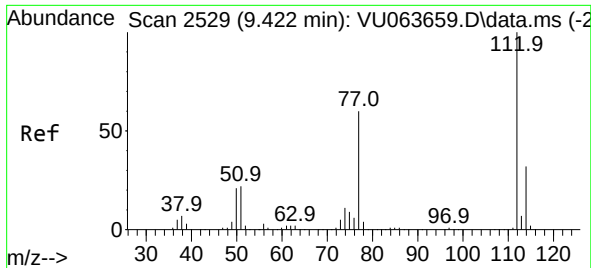
11/12/2025



#58
Tetrachloroethene
Concen: 1.018 ug/l
RT: 8.524 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:164 Resp: 19376
Ion Ratio Lower Upper
164 100
166 123.8 100.1 150.1
129 90.4 77.6 116.4
131 85.5 76.6 114.8





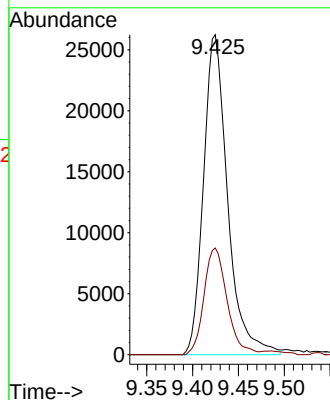
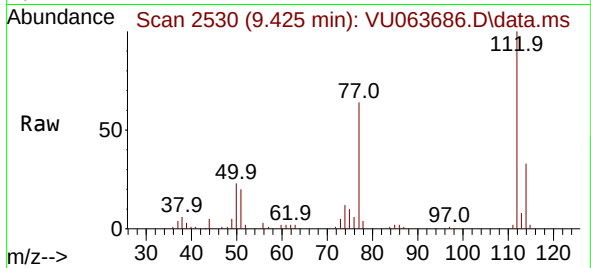
#59
Chlorobenzene
Concen: 0.963 ug/l
RT: 9.425 min Scan# 2529
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:112 Resp: 4805
Ion Ratio Lower Upper
112 100
114 33.3 26.0 39.0

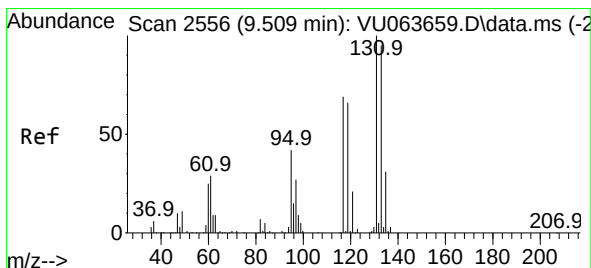
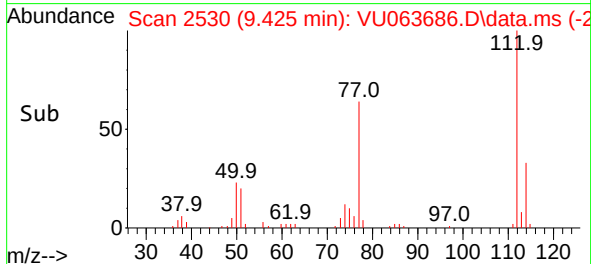
Manual Integrations
APPROVED

Reviewed By :John
Carlone



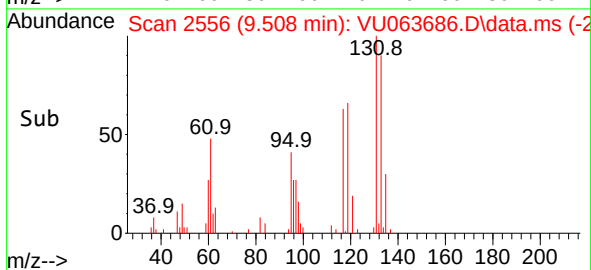
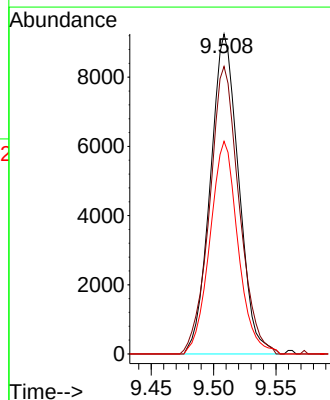
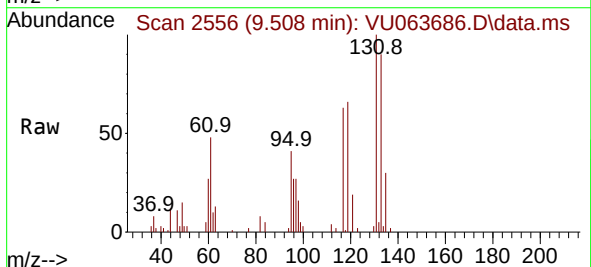
11/12/2025
Supervised By :Mahesh
Dadoda

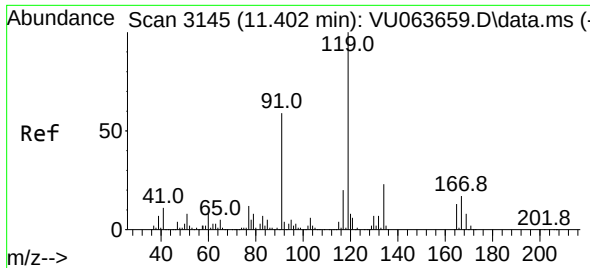
11/12/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.840 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

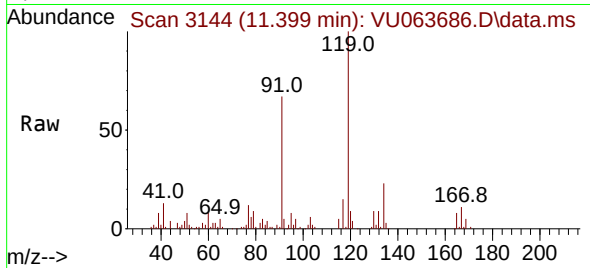
Tgt Ion:131 Resp: 14675
Ion Ratio Lower Upper
131 100
133 93.1 77.0 115.6
119 65.7 52.8 79.2





#61
Pentachloroethane
Concen: 0.792 ug/l
RT: 11.399 min Scan# 3144
Delta R.T. -0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

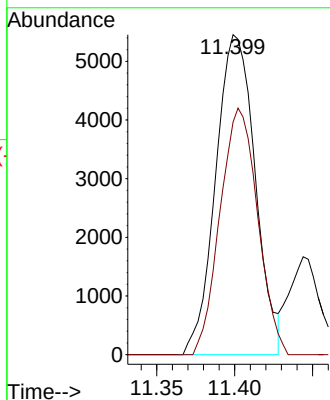
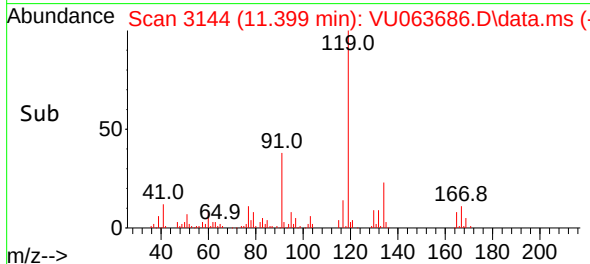
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025



Tgt Ion:117 Resp: 960
Ion Ratio Lower Upper
117 100
167 73.4 62.8 94.2

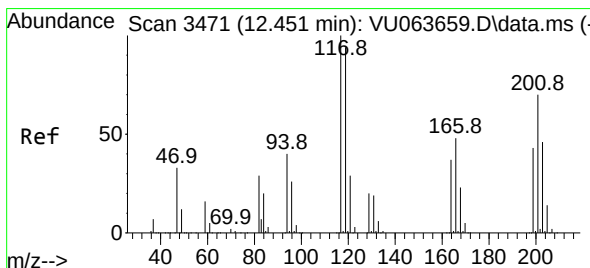
Manual Integrations
APPROVED

Reviewed By :John
Carlone



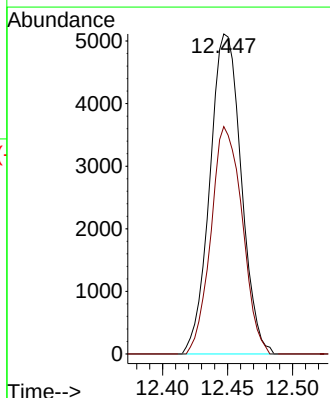
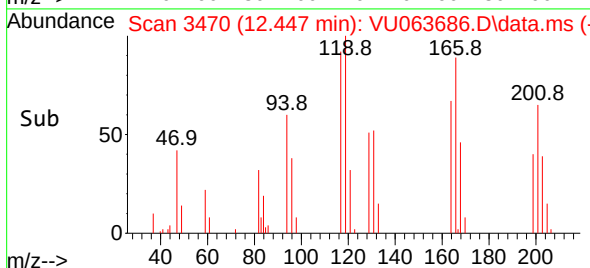
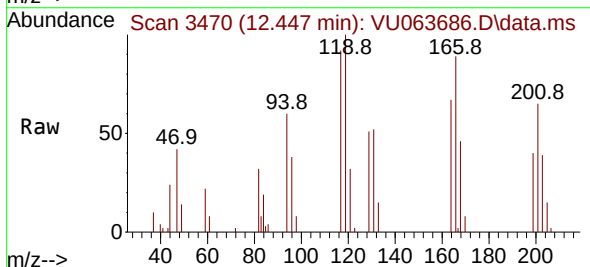
11/12/2025
Supervised By :Mahesh
Dadoda

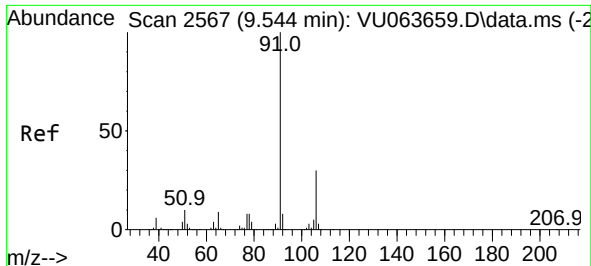
11/12/2025



#62
Hexachloroethane
Concen: 0.646 ug/l
RT: 12.447 min Scan# 3470
Delta R.T. -0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:117 Resp: 8583
Ion Ratio Lower Upper
117 100
201 70.7 56.3 84.5





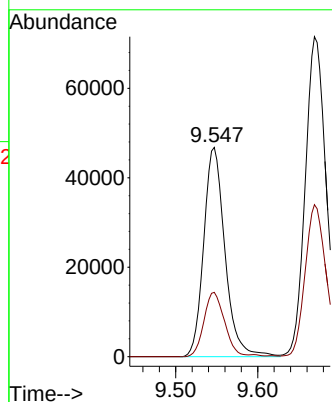
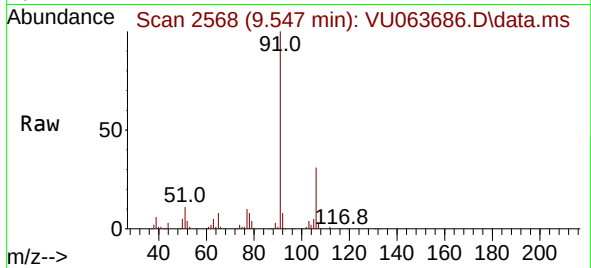
#63
Ethyl Benzene
Concen: 0.932 ug/l
RT: 9.547 min Scan# 2567
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 91 Resp: 84289
Ion Ratio Lower Upper
91 100
106 30.7 24.1 36.1

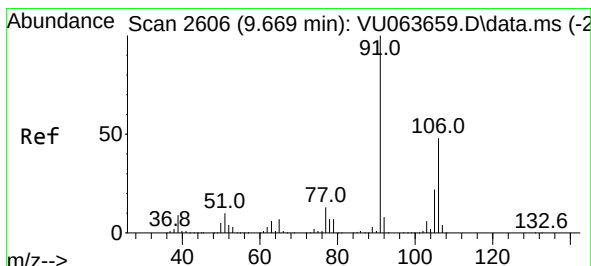
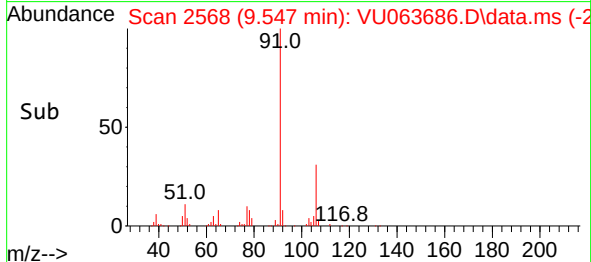
Manual Integrations
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Reviewed By :John
Carlone



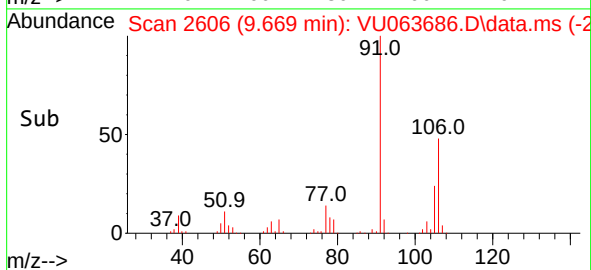
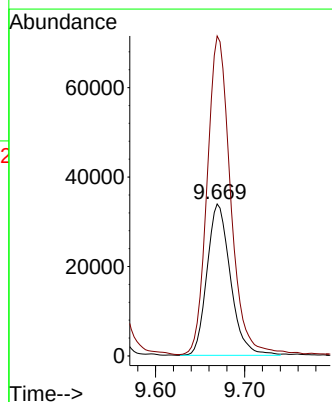
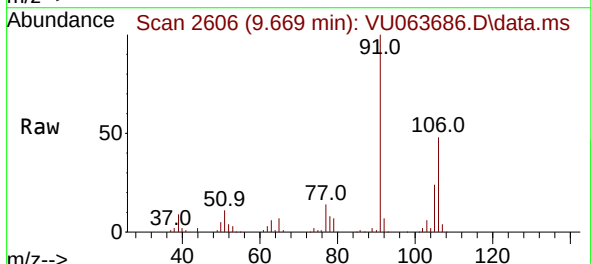
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Supervised By :Mahesh
Dadoda

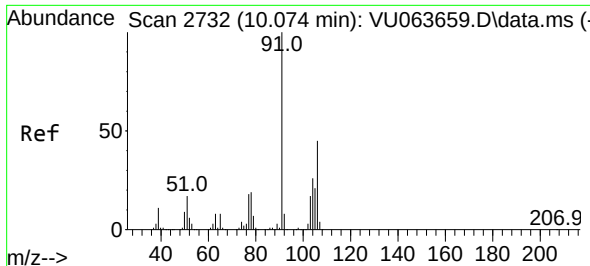
11/12/2025



#64
m/p-Xylenes
Concen: 1.828 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:106 Resp: 61707
Ion Ratio Lower Upper
106 100
91 211.3 167.0 250.4





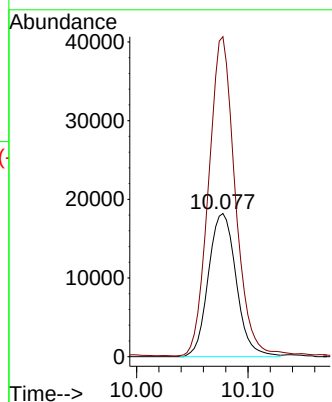
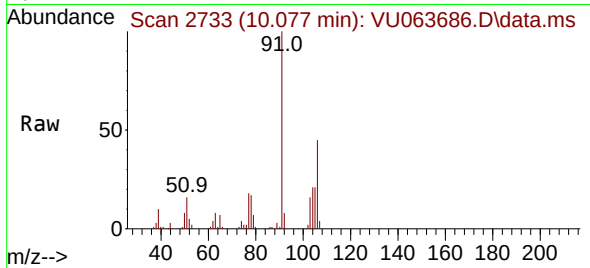
#65
o-Xylene
Concen: 0.954 ug/l
RT: 10.077 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:106 Resp: 31558
Ion Ratio Lower Upper
106 100
91 213.1 109.3 327.9

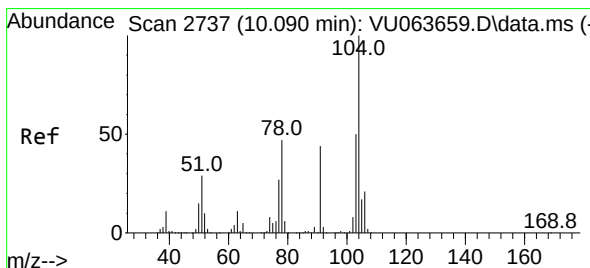
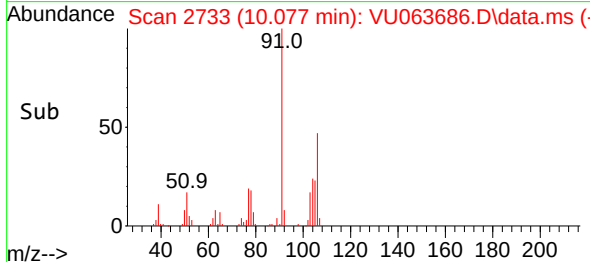
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Reviewed By :John
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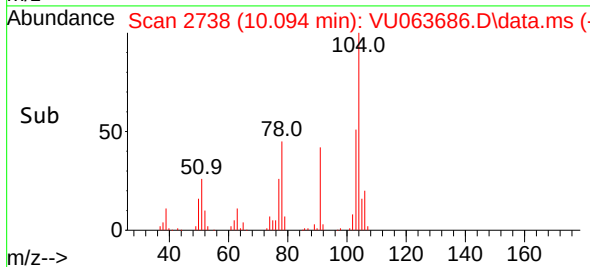
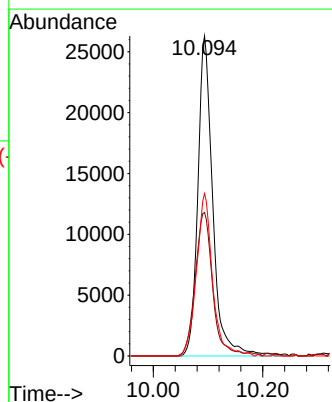
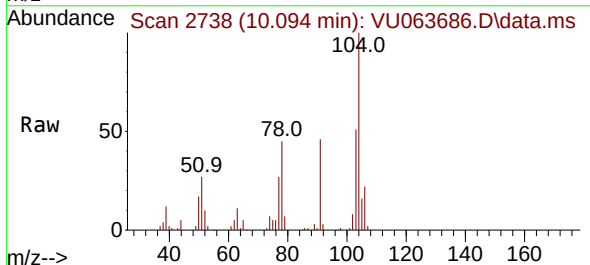
11/12/2025
Supervised By :Mahesh
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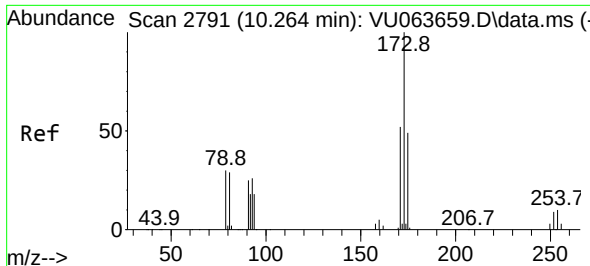
11/12/2025



#66
Styrene
Concen: 0.928 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

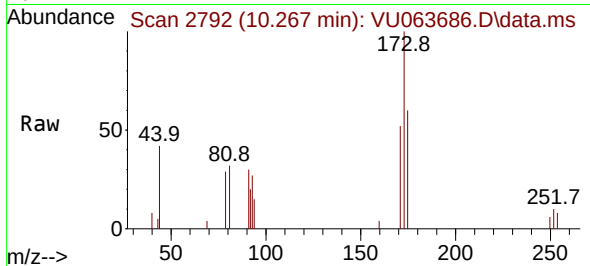
Tgt Ion:104 Resp: 49777
Ion Ratio Lower Upper
104 100
78 52.0 42.8 64.2
103 54.4 43.9 65.9





#67
Bromoform
Concen: 0.681 ug/l
RT: 10.267 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

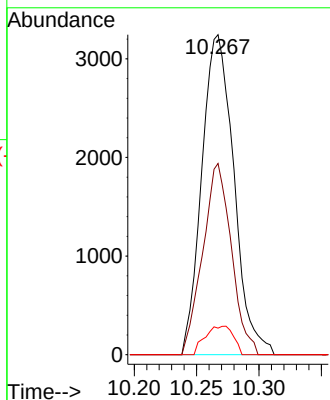
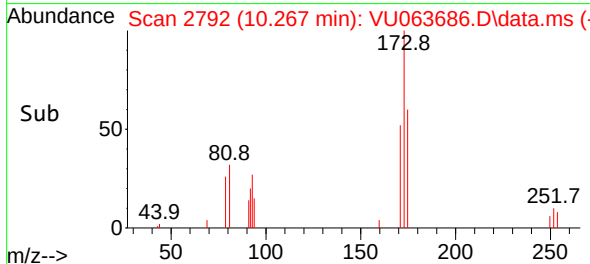
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:173 Resp: 581
Ion Ratio Lower Upper
173 100
175 53.3 39.0 58.4
254 7.8 7.4 11.0

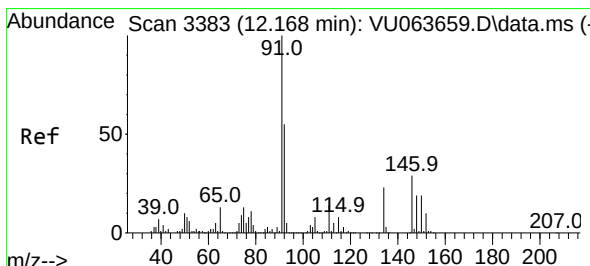
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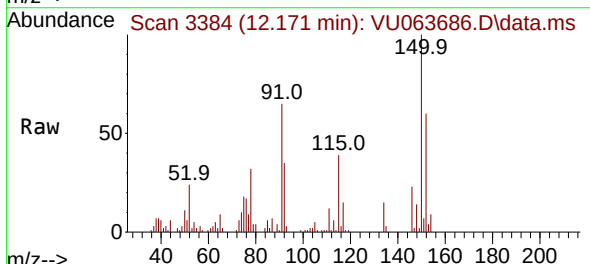


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Supervised By :Mahesh
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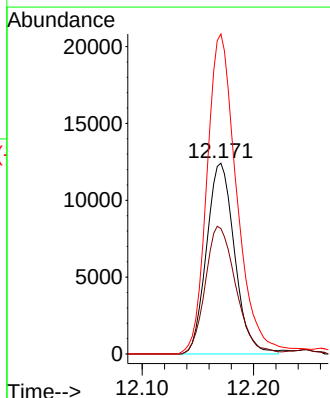
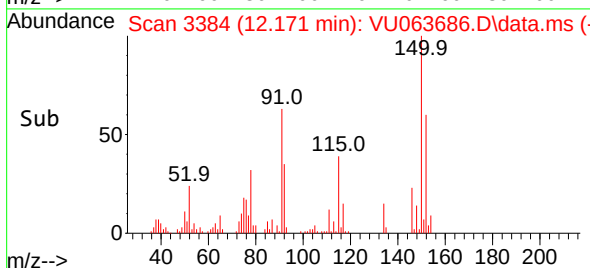
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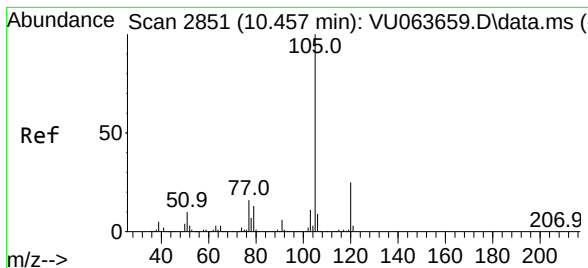


#68
1,2-Dichlorobenzene-d4
Concen: 0.984 ug/l
RT: 12.171 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58



Tgt Ion:152 Resp: 21659
Ion Ratio Lower Upper
152 100
115 72.9 0.0 247.2
150 179.9 0.0 643.6





#69

Isopropylbenzene

Concen: 0.938 ug/l

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:105 Resp: 7659

Ion Ratio Lower Upper

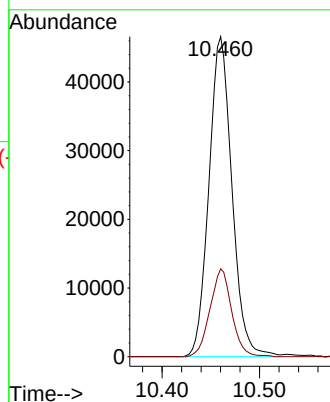
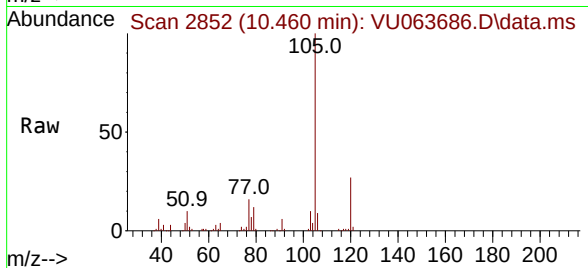
105 100

120 25.8 12.9 38.6

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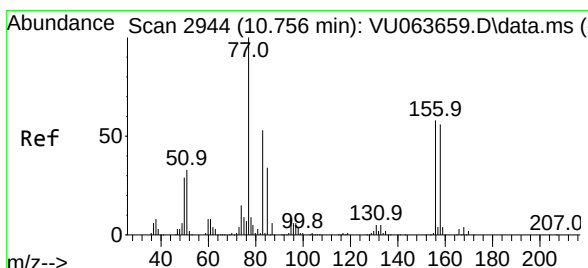
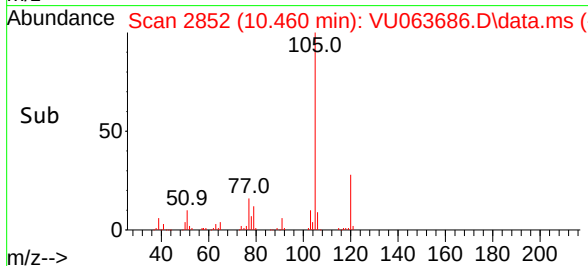
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Carlone



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Supervised By :Mahesh
Dadoda

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#70

1,1,2,2-Tetrachloroethane

Concen: 0.936 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063686.D

Acq: 07 Nov 2025 14:58

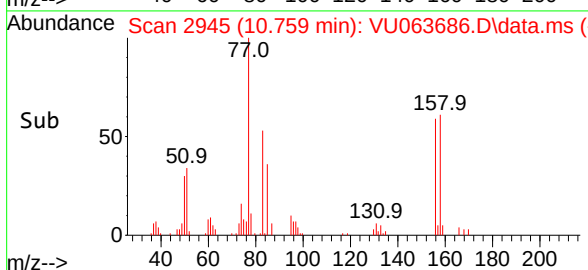
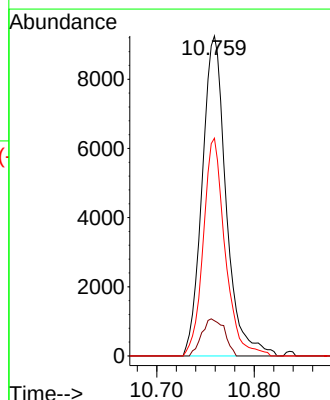
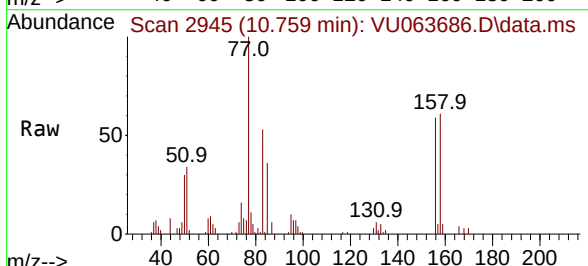
Tgt Ion: 83 Resp: 15785

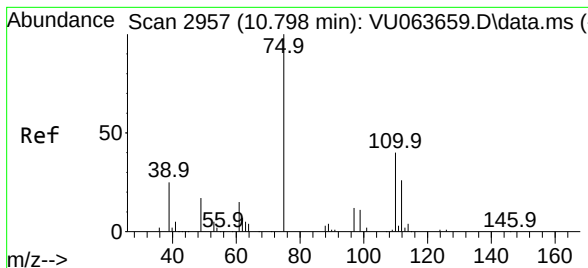
Ion Ratio Lower Upper

83 100

131 11.1 8.1 12.1

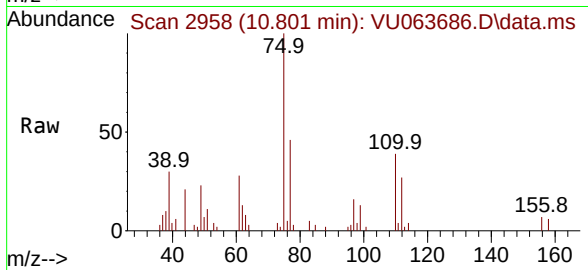
85 62.1 51.0 76.6





#71
1,2,3-Trichloropropane
Concen: 0.851 ug/l m
RT: 10.801 min Scan# 2958
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

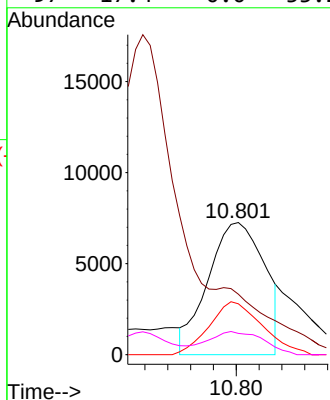
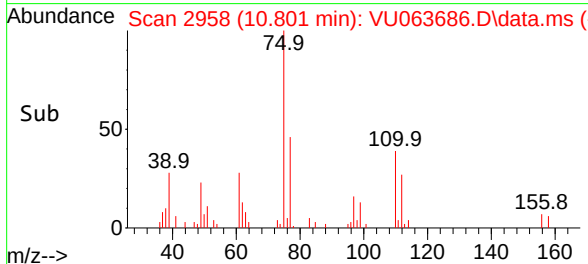
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025



Tgt Ion: 75 Resp: 1249
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 37.7 0.0 66.4
97 17.4 0.0 33.2

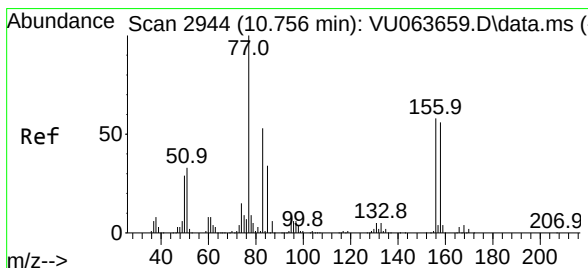
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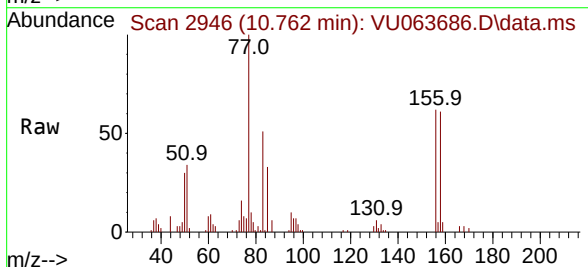


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Supervised By :Mahesh
Dadoda

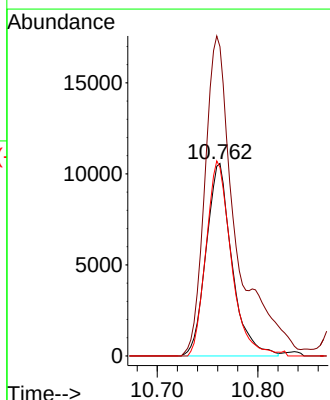
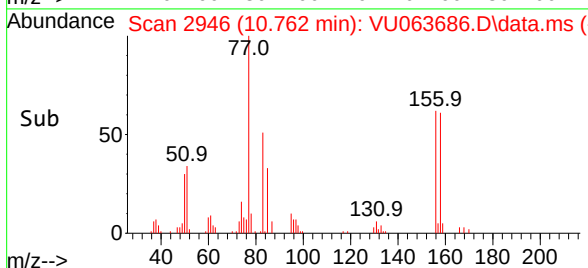
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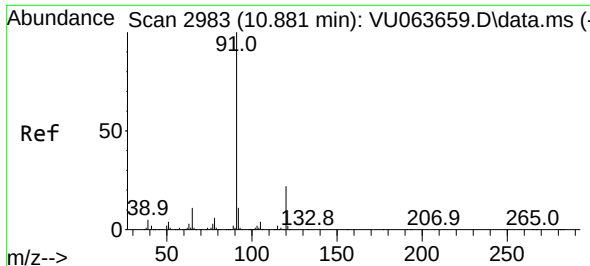


#72
Bromobenzene
Concen: 0.956 ug/l
RT: 10.762 min Scan# 2946
Delta R.T. 0.006 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58



Tgt Ion:156 Resp: 18890
Ion Ratio Lower Upper
156 100
77 199.1 0.0 337.2
158 99.3 0.0 191.8





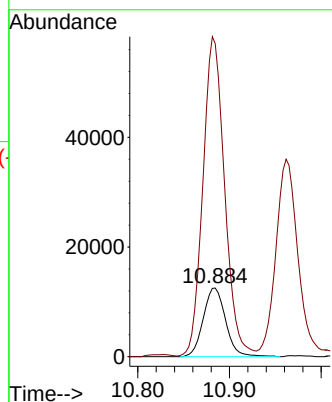
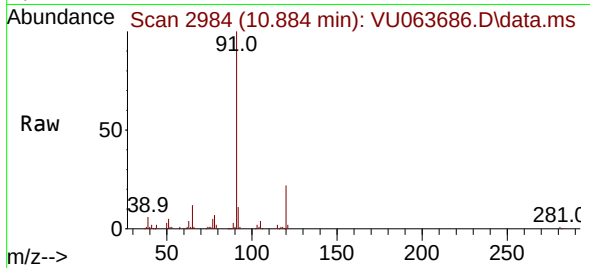
#73
n-propylbenzene
Concen: 0.914 ug/l
RT: 10.884 min Scan# 2983
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:120 Resp: 2120
Ion Ratio Lower Upper
120 100
91 451.1 361.4 542.2

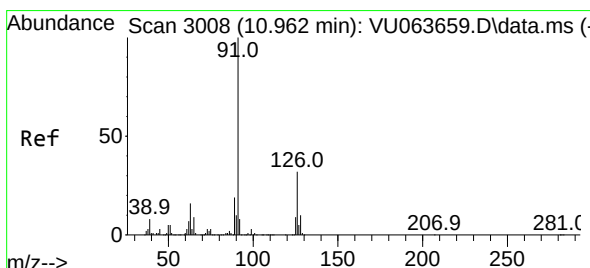
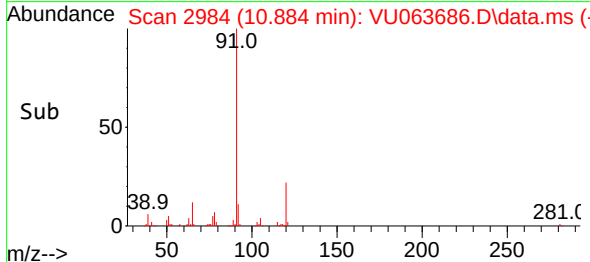
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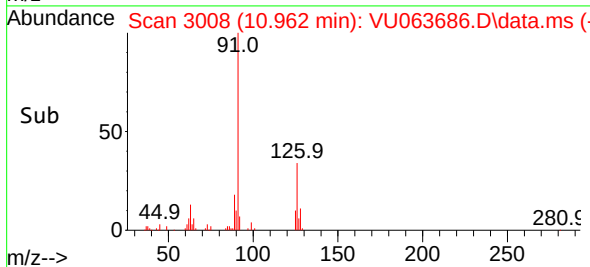
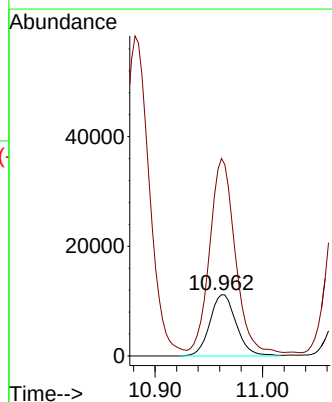
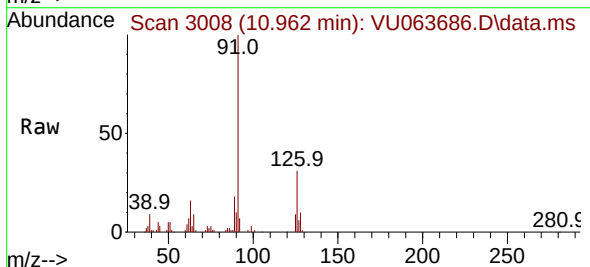
11/12/2025
Supervised By :Mahesh
Dadoda

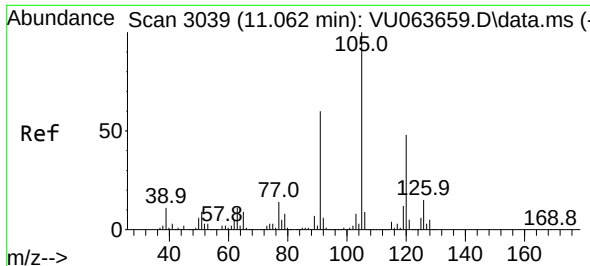
11/12/2025



#74
2-Chlorotoluene
Concen: 0.948 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Tgt Ion:126 Resp: 19070
Ion Ratio Lower Upper
126 100
91 305.0 0.0 634.8





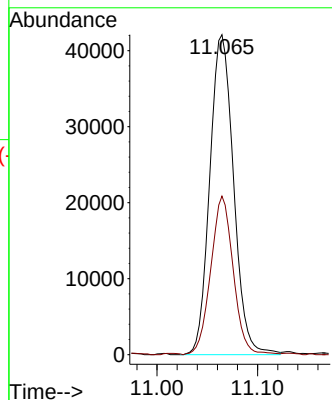
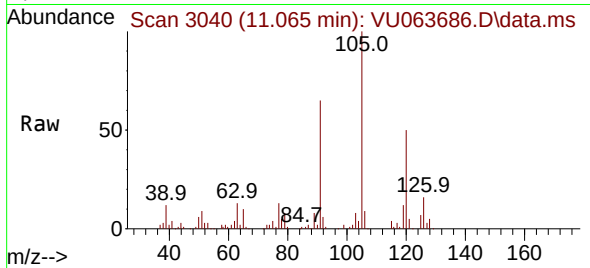
#75
1,3,5-Trimethylbenzene
Concen: 0.917 ug/l
RT: 11.065 min Scan# 3039
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:105 Resp: 69250
Ion Ratio Lower Upper
105 100
120 46.8 38.2 57.2

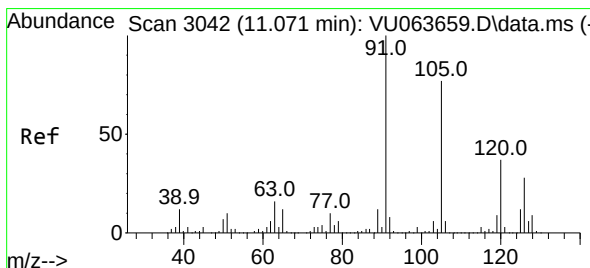
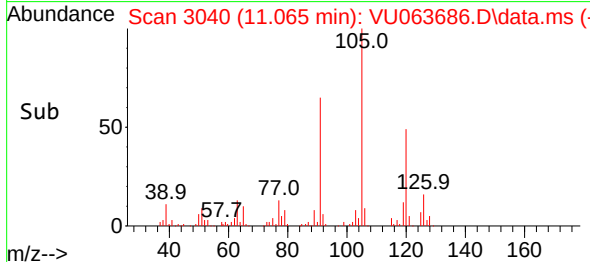
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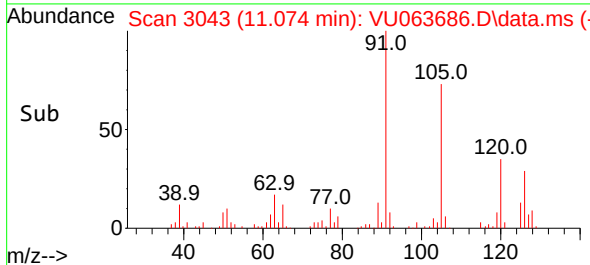
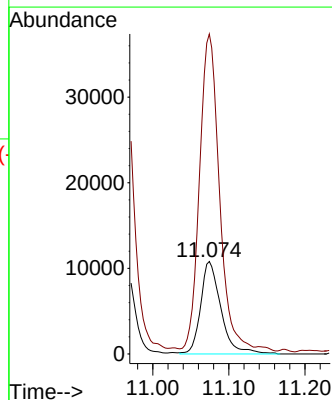
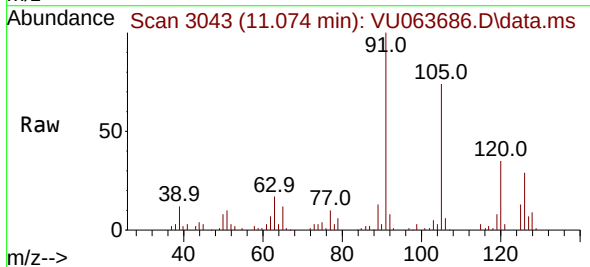
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Supervised By :Mahesh
Dadoda

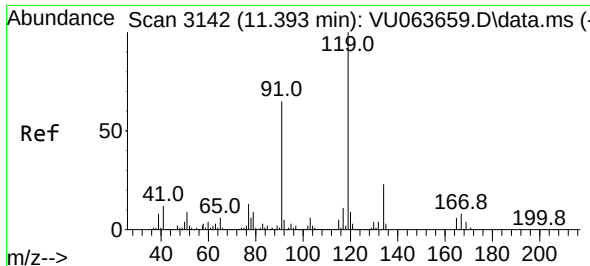
11/12/2025



#76
4-Chlorotoluene
Concen: 0.989 ug/l
RT: 11.074 min Scan# 3043
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

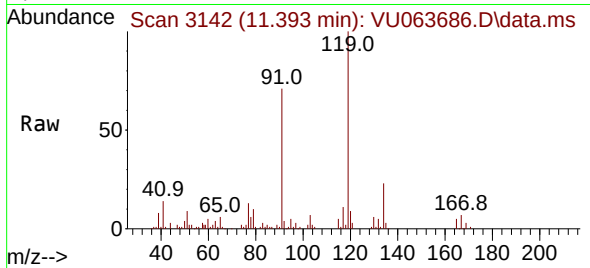
Tgt Ion:126 Resp: 19976
Ion Ratio Lower Upper
126 100
91 329.2 0.0 716.6





#77
tert-Butylbenzene
Concen: 0.912 ug/l
RT: 11.393 min Scan# 3142
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

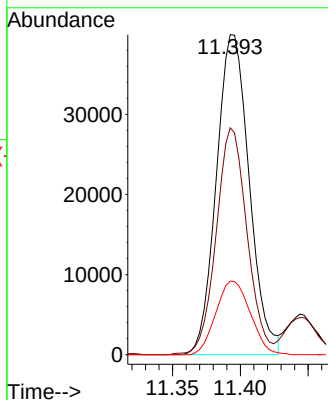
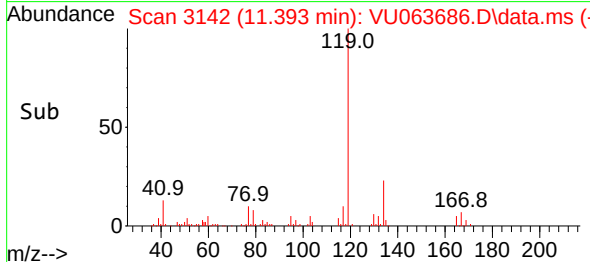
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025



Tgt Ion:119 Resp: 67480
Ion Ratio Lower Upper
119 100
91 66.5 31.3 93.8
134 24.0 18.7 28.1

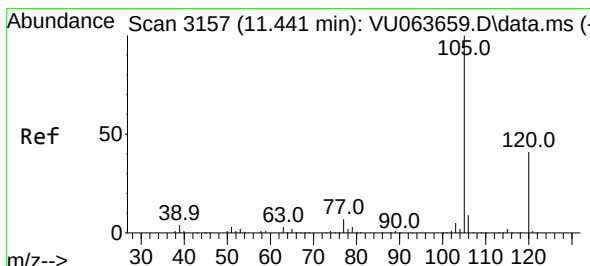
Manual Integrations
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Reviewed By :John
Carlone

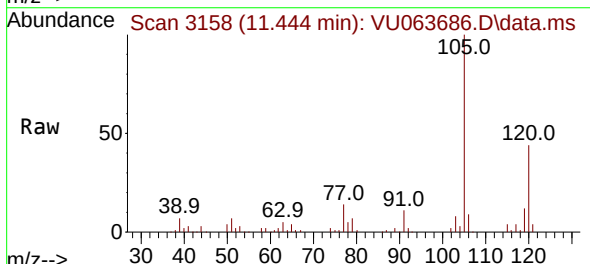


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Supervised By :Mahesh
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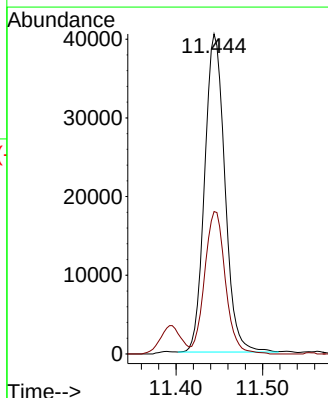
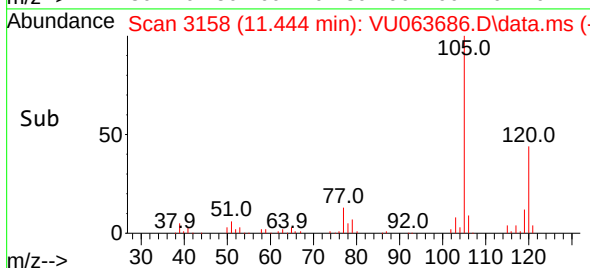
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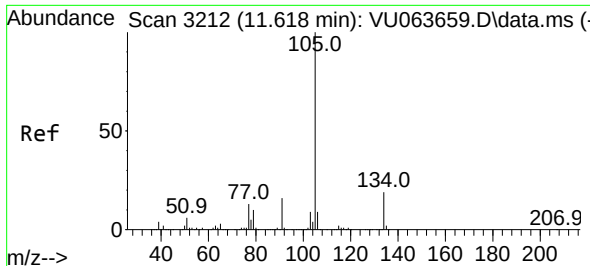


#78
1,2,4-Trimethylbenzene
Concen: 0.904 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58



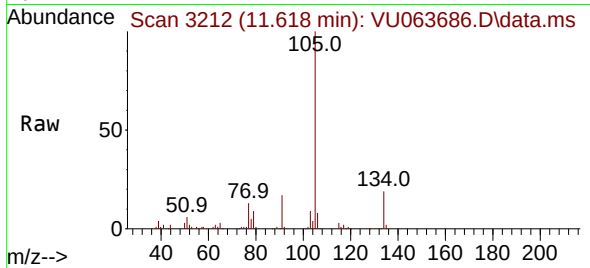
Tgt Ion:105 Resp: 65550
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.0





#79
 sec-Butylbenzene
 Concen: 0.927 ug/l
 RT: 11.618 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

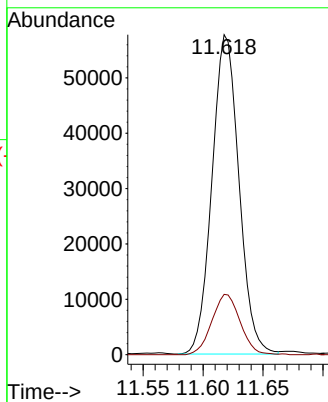
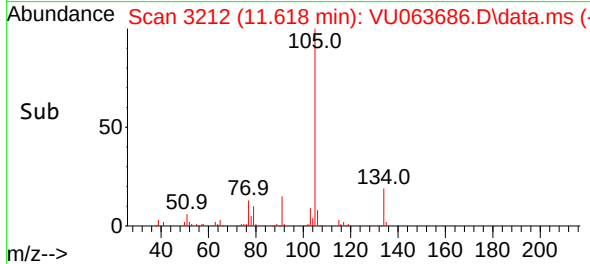
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2025



Tgt Ion:105 Resp: 90200
 Ion Ratio Lower Upper
 105 100
 134 19.8 15.7 23.5

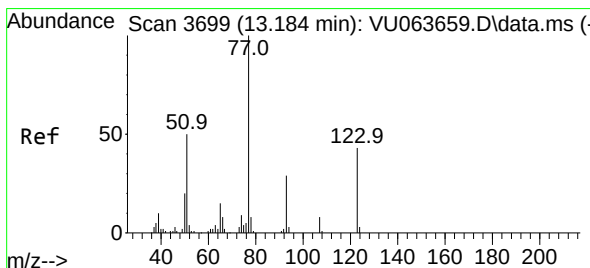
Manual Integrations
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Reviewed By :John
 Carlone



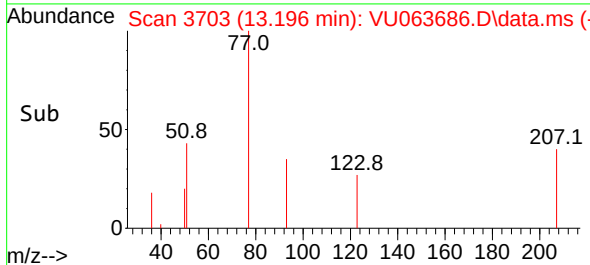
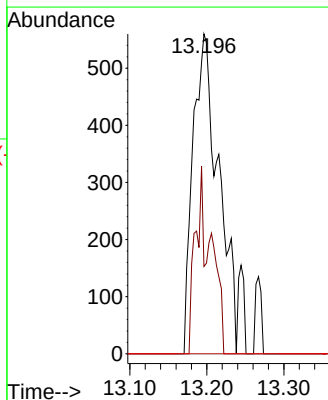
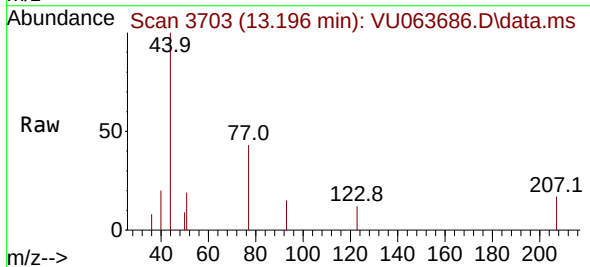
11/12/2025
 Supervised By :Mahesh
 Dadoda

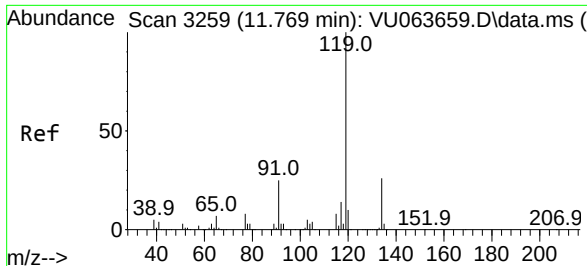
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#80
 Nitrobenzene
 Concen: 2.430 ug/l m
 RT: 13.196 min Scan# 3703
 Delta R.T. 0.013 min
 Lab File: VU063686.D
 Acq: 07 Nov 2025 14:58

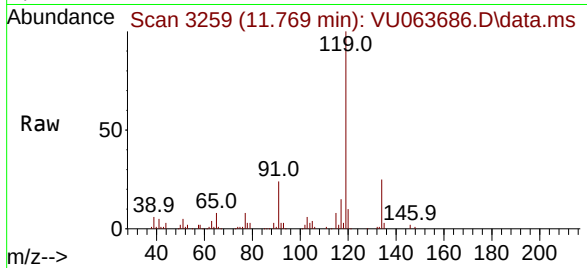
Tgt Ion: 77 Resp: 1442
 Ion Ratio Lower Upper
 77 100
 123 11.4 18.2 64.4#
 65 0.0 13.6 17.2#





#81
p-Isopropyltoluene
Concen: 0.905 ug/l
RT: 11.769 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

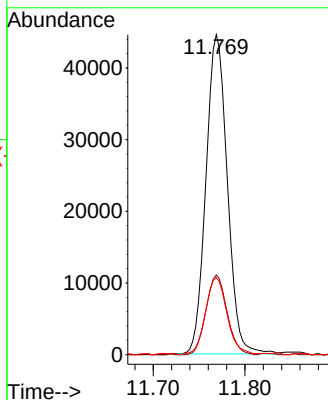
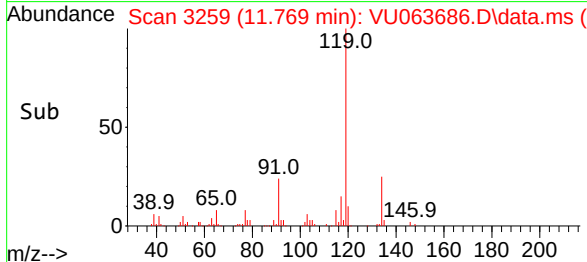
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:119 Resp: 7209
Ion Ratio Lower Upper
119 100
134 24.5 20.3 30.5
91 24.4 20.1 30.1

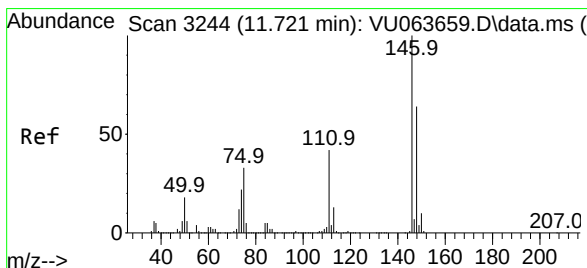
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Reviewed By :John
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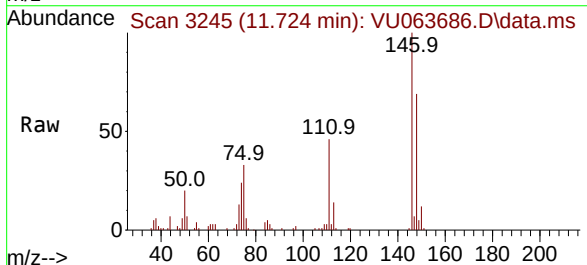


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Supervised By :Mahesh
Dadoda

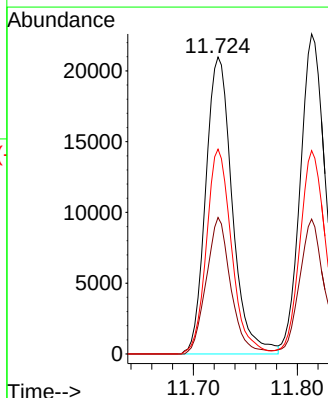
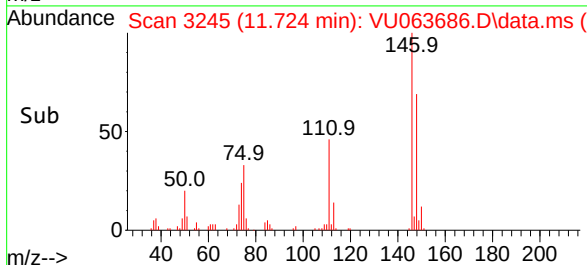
11/12/2025

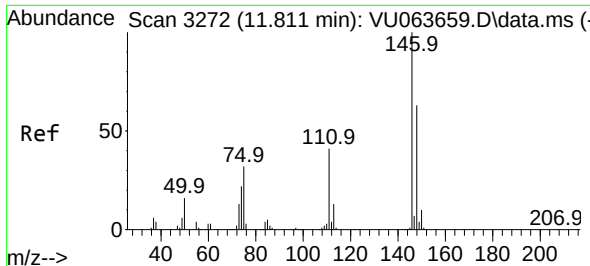


#82
1,3-Dichlorobenzene
Concen: 0.975 ug/l
RT: 11.724 min Scan# 3245
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58



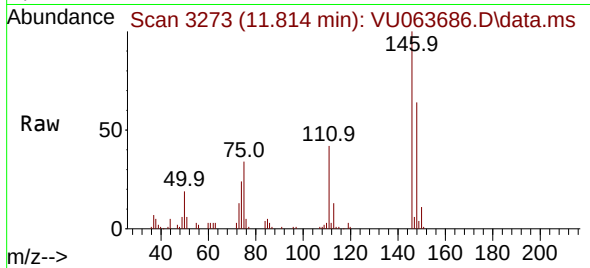
Tgt Ion:146 Resp: 37306
Ion Ratio Lower Upper
146 100
111 42.5 33.8 50.8
148 65.3 50.8 76.2





#83
1,4-Dichlorobenzene
Concen: 1.053 ug/l
RT: 11.814 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

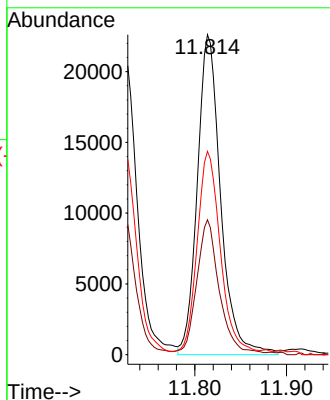
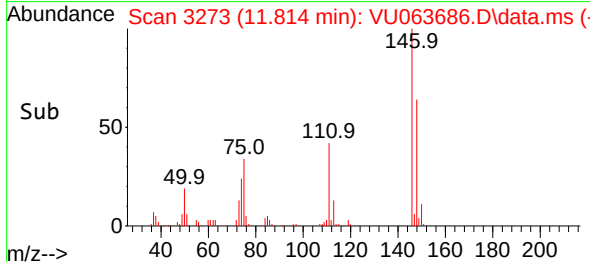
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:146 Resp: 40010
Ion Ratio Lower Upper
146 100
111 39.5 33.0 49.4
148 61.6 50.6 76.0

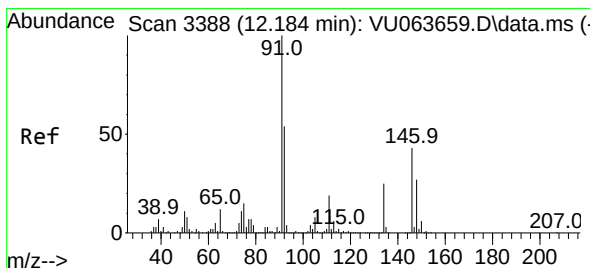
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Reviewed By :John
Carlone

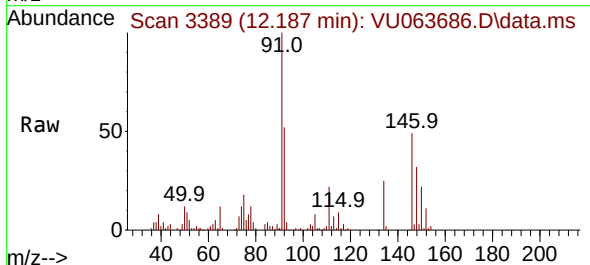


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Supervised By :Mahesh
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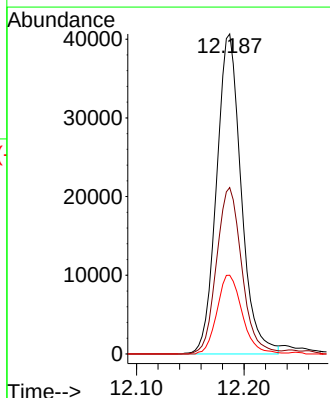
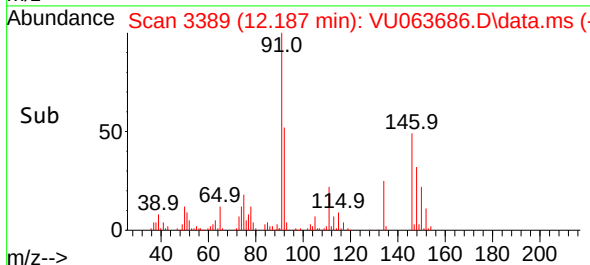
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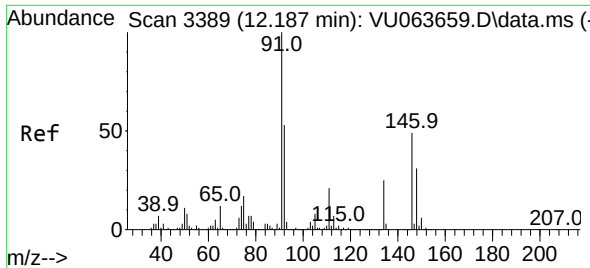


#84
n-Butylbenzene
Concen: 0.906 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58



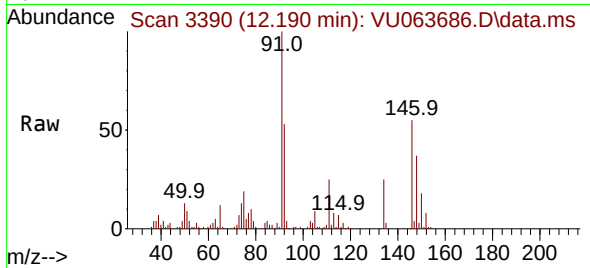
Tgt Ion: 91 Resp: 64753
Ion Ratio Lower Upper
91 100
92 53.5 43.1 64.7
134 25.2 19.7 29.5





#85
1,2-Dichlorobenzene
Concen: 0.992 ug/l
RT: 12.190 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

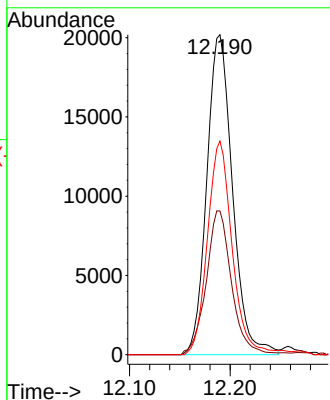
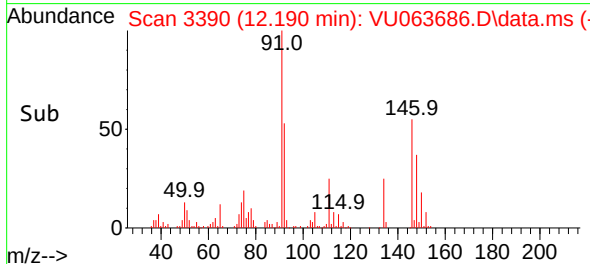
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:146 Resp: 3588
Ion Ratio Lower Upper
146 100
111 44.1 22.2 66.6
148 64.5 31.9 95.5

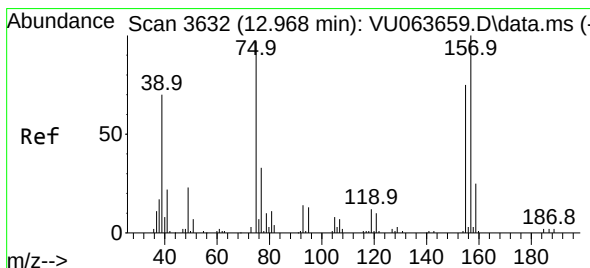
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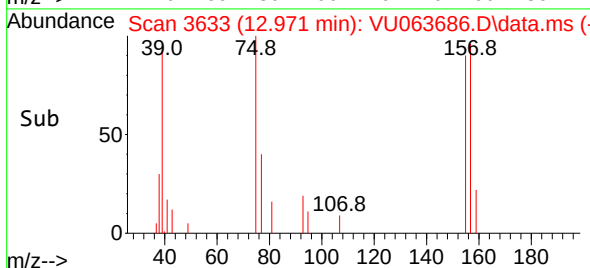
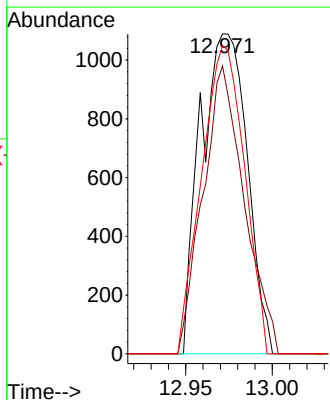
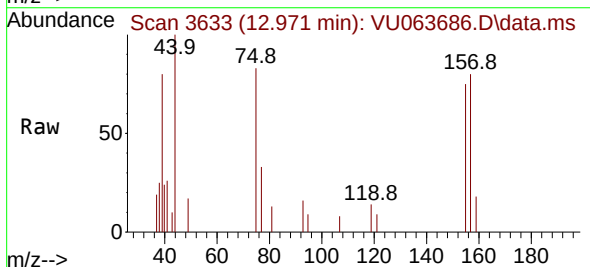
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Supervised By :Mahesh
Dadoda

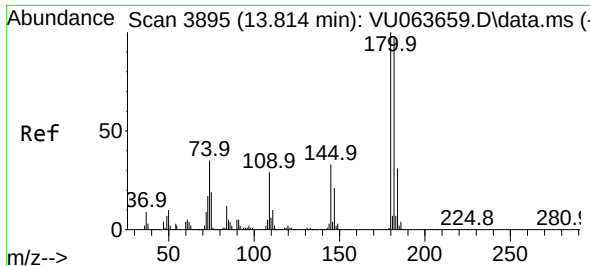
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#86
1,2-Dibromo-3-Chloropropane
Concen: 0.731 ug/l
RT: 12.971 min Scan# 3633
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

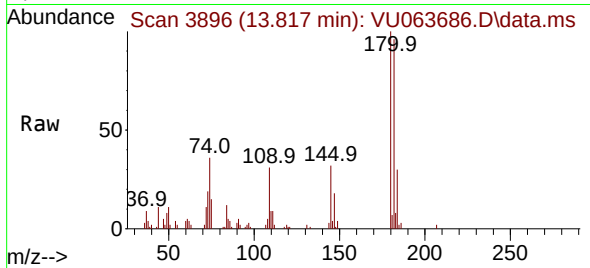
Tgt Ion: 75 Resp: 2045
Ion Ratio Lower Upper
75 100
155 79.6 62.2 93.4
157 88.5 81.3 121.9





#87
1,2,4-Trichlorobenzene
Concen: 0.955 ug/l
RT: 13.817 min Scan# 3895
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

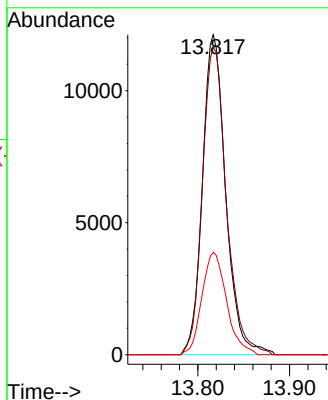
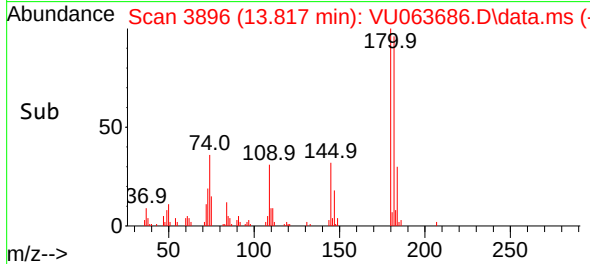
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025



Tgt Ion:180 Resp: 2129
Ion Ratio Lower Upper
180 100
182 99.6 76.4 114.6
145 34.1 26.2 39.2

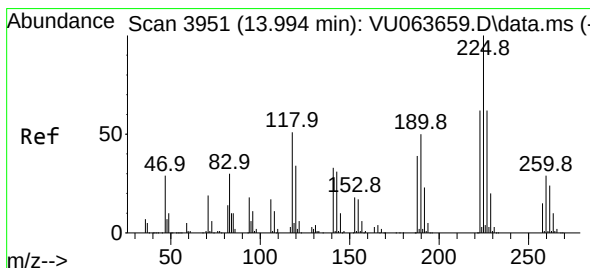
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Reviewed By :John
Carlone



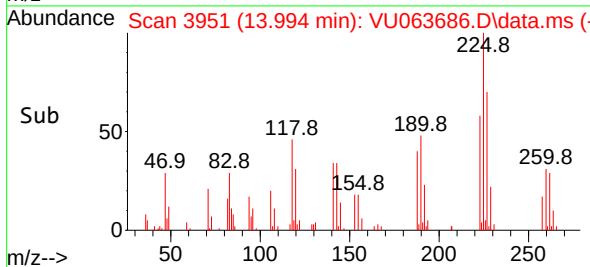
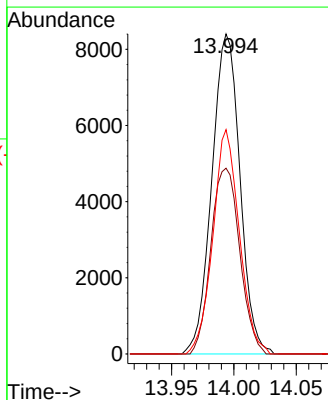
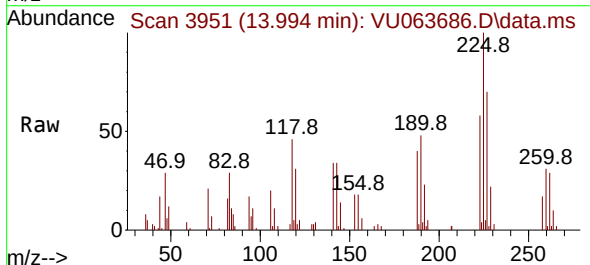
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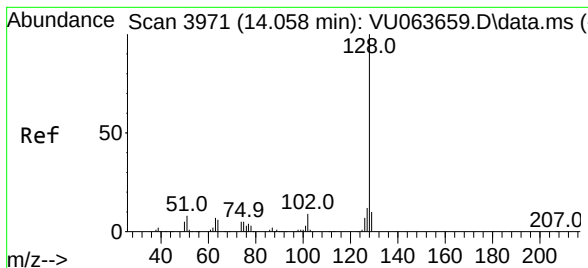
11/12/2025



#88
Hexachlorobutadiene
Concen: 0.995 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

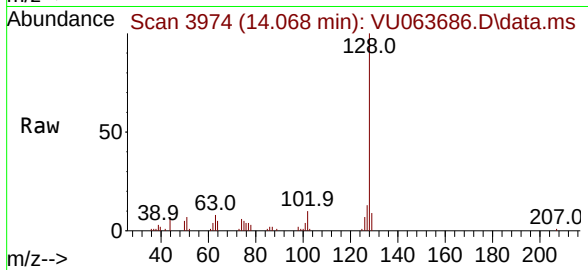
Tgt Ion:225 Resp: 13201
Ion Ratio Lower Upper
225 100
223 59.7 50.2 75.4
227 65.9 50.0 75.0





#89
Naphthalene
Concen: 0.923 ug/l
RT: 14.068 min Scan# 3971
Delta R.T. 0.009 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58

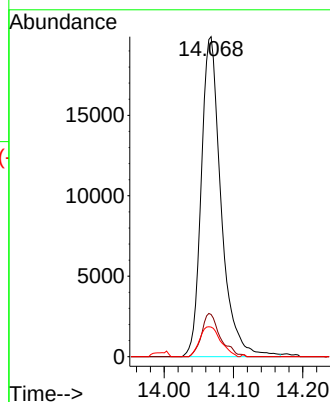
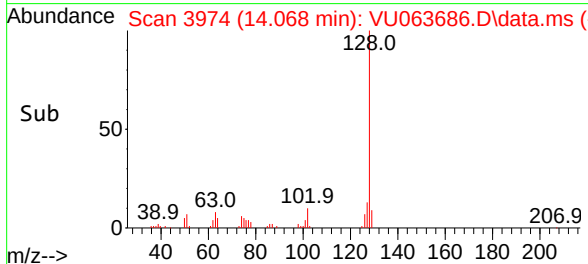
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:128 Resp: 3958
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 9.8 8.6 12.8

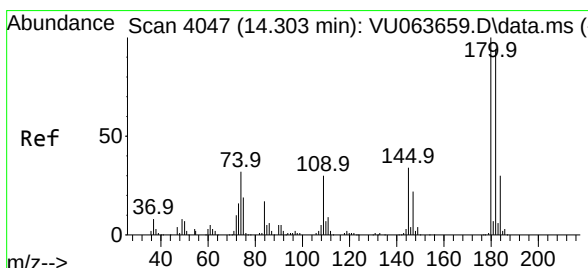
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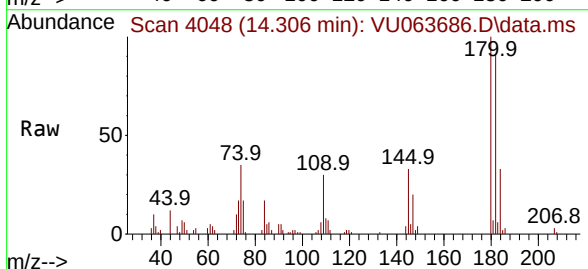


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Dadoda

11/12/2025



#90
1,2,3-Trichlorobenzene
Concen: 0.966 ug/l
RT: 14.306 min Scan# 4048
Delta R.T. 0.003 min
Lab File: VU063686.D
Acq: 07 Nov 2025 14:58



Tgt Ion:180 Resp: 19679
Ion Ratio Lower Upper
180 100
182 95.5 75.4 113.0
145 35.3 27.4 41.2

