

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063442.D
 Acq On : 24 Jun 2025 17:24
 Operator : MD/SY
 Sample : Q2126-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: Jun 25 03:10:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:09:53 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

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

Internal Standards						
1) Fluorobenzene	6.103	96	48591	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	14162	0.794	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	15732	0.878	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	9237	0.495	ug/l	99
3) Chloromethane	1.518	50	12976	0.528	ug/l	99
4) Vinyl Chloride	1.599	62	11197	0.532	ug/l	99
5) Bromomethane	1.849	94	6134	0.608	ug/l	93
6) Chloroethane	1.923	64	6084	0.488	ug/l	96
7) Trichlorofluoromethane	2.126	101	12121	0.505	ug/l	92
8) 1,1,2-Trichloro-1,2,2-...	2.566	101	5981	0.468	ug/l	97
9) 1,1-Dichloroethene	2.570	96	6859	0.538	ug/l	90
10) Iodomethane	2.708	142	3605	0.350	ug/l	97
11) Allyl Chloride	2.910	41	10691m	0.470	ug/l	
12) Acrylonitrile	3.312	53	3772	1.023	ug/l	91
13) Acetone	2.621	43	8344	2.257	ug/l	93
14) Carbon Disulfide	2.775	76	21033	0.473	ug/l	95
15) Methylene Chloride	3.029	84	8363	0.517	ug/l	97
16) trans-1,2-Dichloroethene	3.332	96	7466	0.520	ug/l	88
17) 1,1-Dichloroethane	3.853	63	14746	0.489	ug/l	96
18) 2-Butanone	4.724	43	10448	2.031	ug/l	94
19) Cyclohexane	5.361	56	11071	0.485	ug/l	95
20) Methylcyclohexane	6.743	83	8650	0.409	ug/l	94
21) 2,2-Dichloropropane	4.644	77	9964	0.465	ug/l	99
22) cis-1,2-Dichloroethene	4.650	96	7495	0.478	ug/l	98
23) Diethyl Ether	2.370	59	4986	0.433	ug/l #	87
24) tert-Butyl Alcohol	3.203	59	6684	5.511	ug/l #	94
25) Methyl tert-Butyl Ether	3.364	73	16666	0.480	ug/l #	88
26) Bromochloromethane	4.955	128	3019	0.495	ug/l	90
27) Chloroform	5.068	83	14174	0.502	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	10916	0.476	ug/l	97
29) 1,1-Dichloropropene	5.505	75	9859	0.471	ug/l	97
30) Carbon Tetrachloride	5.499	117	8017	0.438	ug/l	97
31) Isopropyl Ether	4.000	45	22816	0.485	ug/l	97
32) Ethyl-t-butyl ether	4.512	59	18962m	0.475	ug/l	
33) Tert-Amyl methyl ether	5.946	73	12052	0.422	ug/l	99
34) Propionitrile	4.785	54	3725	2.503	ug/l #	90
35) Benzene	5.759	78	29855	0.472	ug/l	100
36) 1,2-Dichloroethane	5.788	62	8587	0.464	ug/l #	95
37) Trichloroethene	6.534	130	6798	0.454	ug/l	95
38) 1,2-Dichloropropane	6.785	63	7989	0.457	ug/l	99
39) Methacrylonitrile	4.978	41	3064m	0.495	ug/l	
40) Methyl acrylate	4.856	55	4247	0.489	ug/l #	74
41) Tetrahydrofuran	5.061	42	4259m	1.279	ug/l	
42) 1-Chlorobutane	5.438	56	13575m	0.457	ug/l	
43) Dibromomethane	6.920	93	3820	0.468	ug/l	96
44) Bromodichloromethane	7.100	83	9225	0.464	ug/l	97

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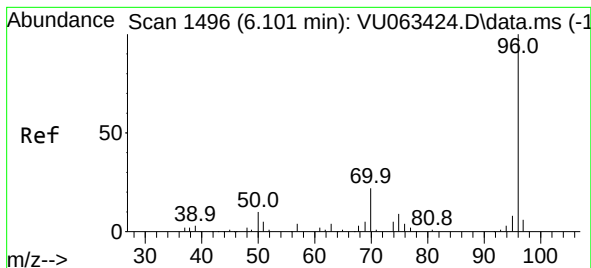
Quant Time: Jun 25 03:10:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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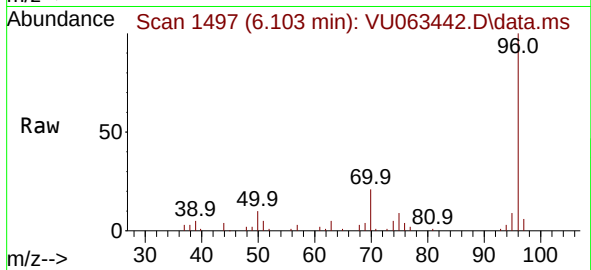
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45) 4-Methyl-2-Pentanone	7.801	43	19695	2.246	ug/l	91
46) t-1,4-Dichloro-2-butene	10.827	75	3192m	1.107	ug/l	
47) Methyl methacrylate	6.975	69	4074	0.644	ug/l #	83
48) Ethyl methacrylate	8.341	69	5045	0.445	ug/l	97
49) Toluene	7.965	92	13865	0.399	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	5784	0.403	ug/l	97
51) cis-1,3-Dichloropropene	7.605	75	7544	0.391	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	5501	0.461	ug/l	86
53) 1,3-Dichloropropane	8.576	76	9130	0.444	ug/l	98
54) 2-Hexanone	8.698	43	13235	2.250	ug/l	88
55) Dibromochloromethane	8.804	129	5351	0.434	ug/l	96
56) 1,2-Dibromoethane	8.920	107	4157	0.429	ug/l	94
58) Tetrachloroethene	8.544	164	6231	0.424	ug/l	95
59) Chlorobenzene	9.444	112	16194	0.435	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	6102	0.456	ug/l	94
61) Pentachloroethane	11.418	117	5554	0.509	ug/l	99
62) Hexachloroethane	12.466	117	4572	0.466	ug/l	88
63) Ethyl Benzene	9.563	91	23910	0.401	ug/l	97
64) m/p-Xylenes	9.688	106	16614	0.714	ug/l	97
65) o-Xylene	10.097	106	8291	0.366	ug/l	98
66) Styrene	10.116	104	12874	0.349	ug/l	98
67) Bromoform	10.286	173	3001	0.446	ug/l #	97
69) Isopropylbenzene	10.479	105	20002	0.381	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	7269	0.476	ug/l	94
71) 1,2,3-Trichloropropane	10.817	75	5987m	0.480	ug/l	
72) Bromobenzene	10.782	156	6300	0.427	ug/l	89
73) n-propylbenzene	10.900	120	6062	0.381	ug/l	94
74) 2-Chlorotoluene	10.981	126	5536	0.380	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	17473	0.342	ug/l	100
76) 4-Chlorotoluene	11.093	126	5717	0.375	ug/l	97
77) tert-Butylbenzene	11.415	119	18680	0.387	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	18212	0.354	ug/l	97
79) sec-Butylbenzene	11.637	105	25138	0.368	ug/l	97
80) Nitrobenzene	13.222	77	2640	3.793	ug/l #	64
81) p-Isopropyltoluene	11.788	119	19080	0.357	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	13560	0.444	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	14314m	0.452	ug/l	
84) n-Butylbenzene	12.206	91	22579	0.404	ug/l	96
85) 1,2-Dichlorobenzene	12.209	146	13498	0.462	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.990	75	1009	0.480	ug/l	99
87) 1,2,4-Trichlorobenzene	13.839	180	8993	0.552	ug/l	96
88) Hexachlorobutadiene	14.013	225	5797	0.502	ug/l	95
89) Naphthalene	14.090	128	17854	0.658	ug/l	99
90) 1,2,3-Trichlorobenzene	14.328	180	9397	0.580	ug/l	95

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1496
Delta R.T. 0.002 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

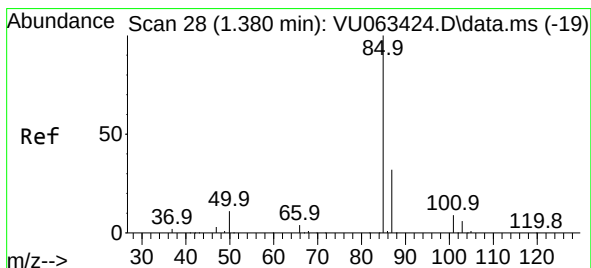
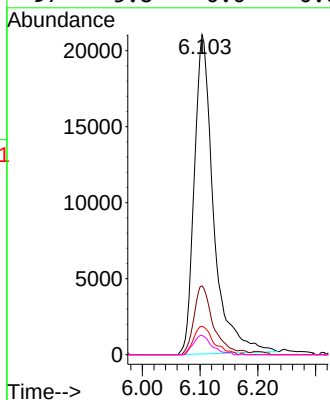
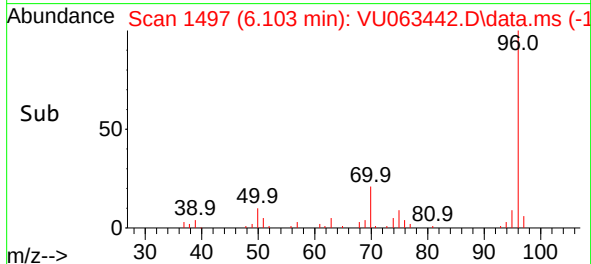
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 96 Resp: 4859
Ion Ratio Lower Upper
96 100
70 19.8 16.4 24.6
95 9.2 6.2 9.2
97 5.8 0.0 0.0#

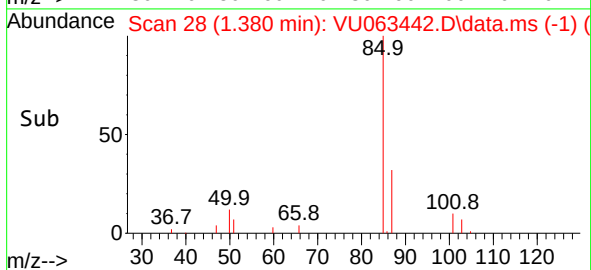
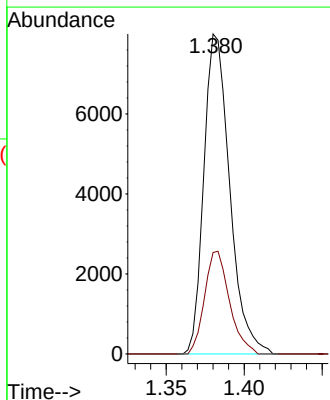
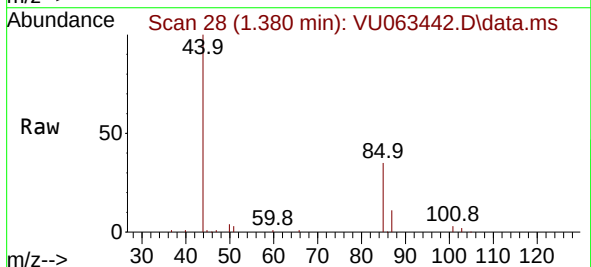
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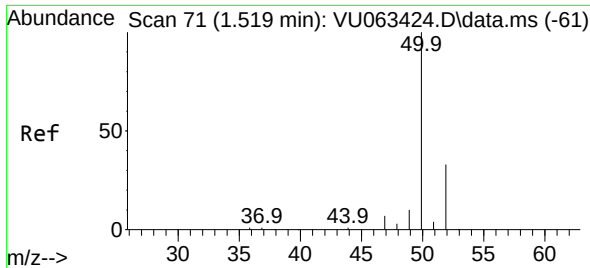
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#2
Dichlorodifluoromethane
Concen: 0.495 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

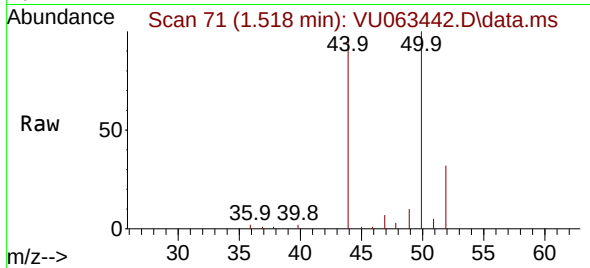
Tgt Ion: 85 Resp: 9237
Ion Ratio Lower Upper
85 100
87 31.7 16.2 48.5





#3
Chloromethane
Concen: 0.528 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.001 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

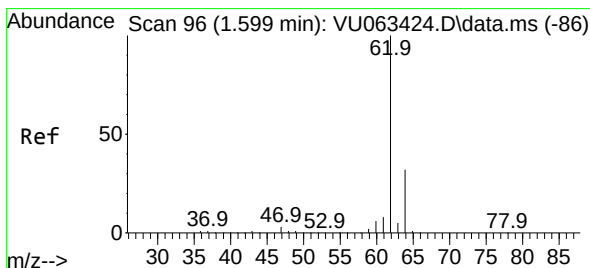
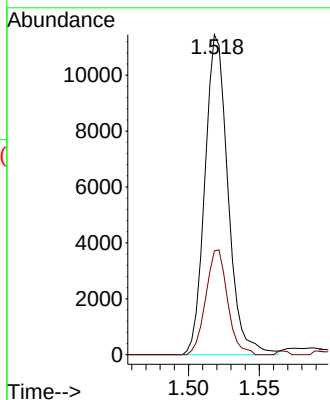
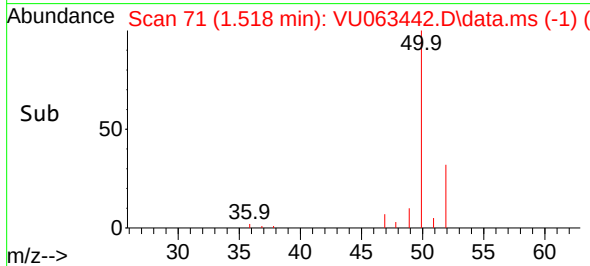
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 50 Resp: 12970
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0

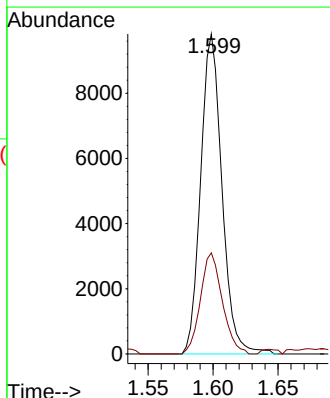
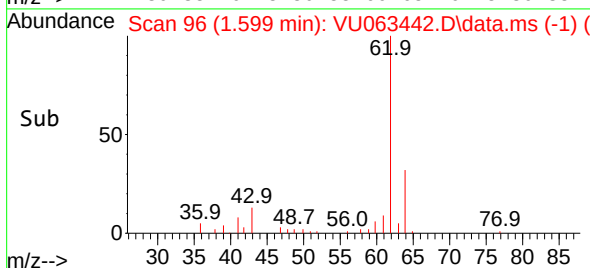
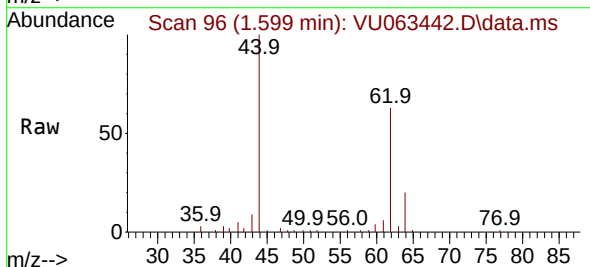
Manual Integrations
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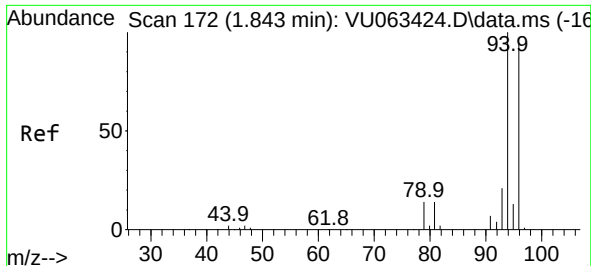
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#4
Vinyl Chloride
Concen: 0.532 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.001 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

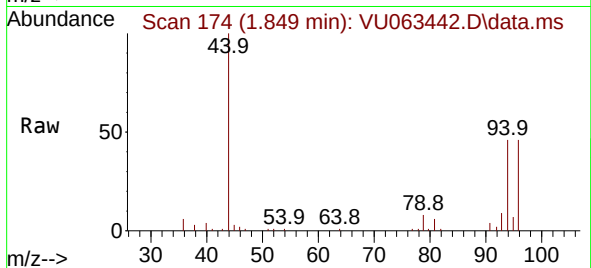
Tgt Ion: 62 Resp: 11197
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5





#5
Bromomethane
Concen: 0.608 ug/l
RT: 1.849 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

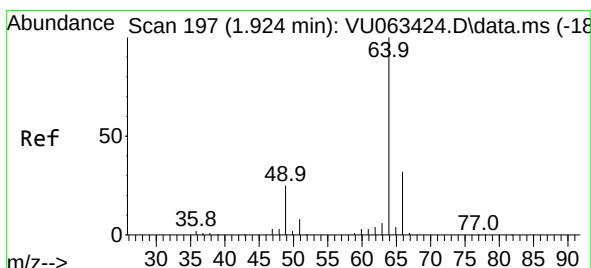
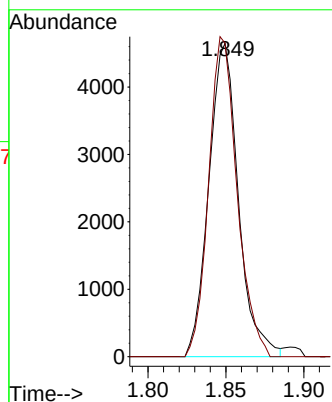
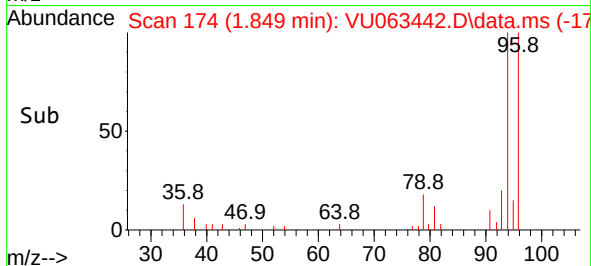
Instrument :
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LOQ-WATER-02-QT2-2025



Tgt Ion: 94 Resp: 6134
Ion Ratio Lower Upper
94 100
96 100.1 74.8 112.2

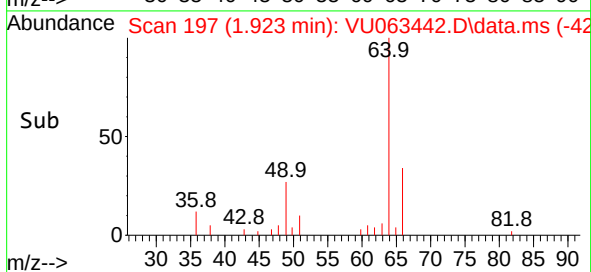
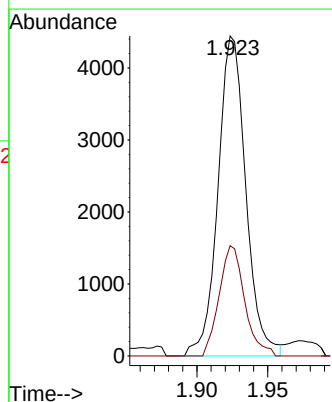
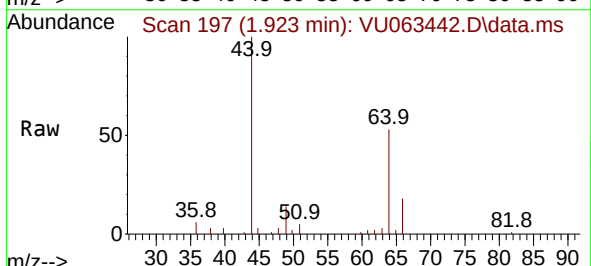
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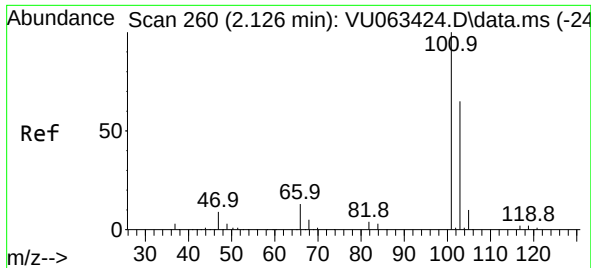
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#6
Chloroethane
Concen: 0.488 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.001 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

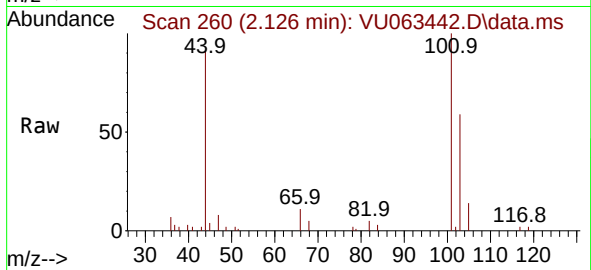
Tgt Ion: 64 Resp: 6084
Ion Ratio Lower Upper
64 100
66 34.5 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 0.505 ug/l
 RT: 2.126 min Scan# 260
 Delta R.T. -0.001 min
 Lab File: VU063442.D
 Acq: 24 Jun 2025 17:24

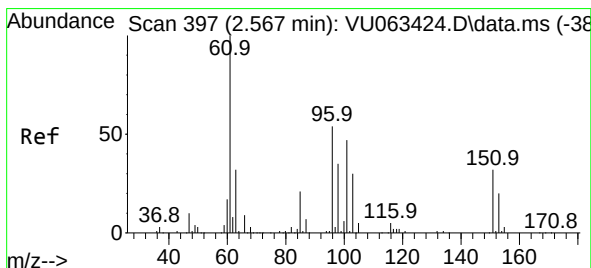
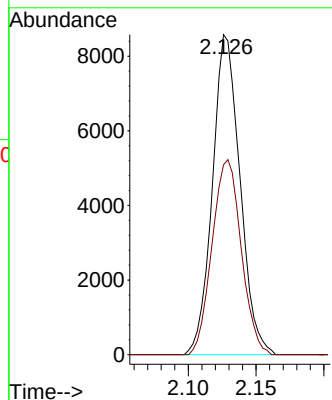
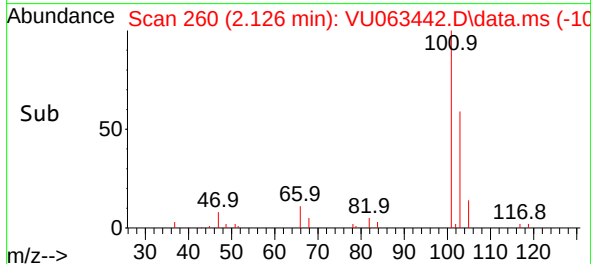
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion:101 Resp: 1212
 Ion Ratio Lower Upper
 101 100
 103 59.4 52.3 78.5

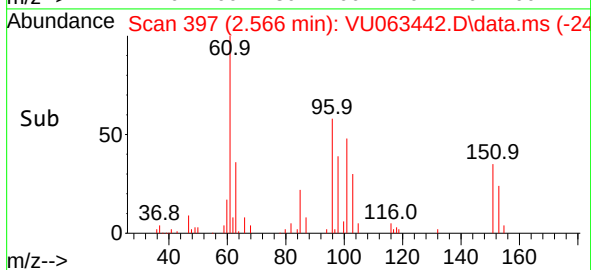
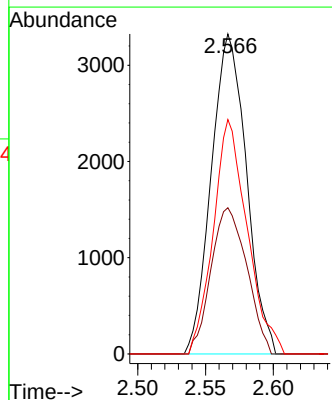
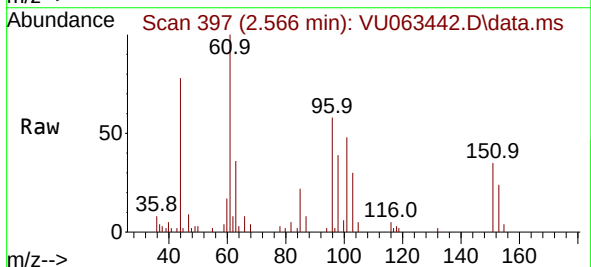
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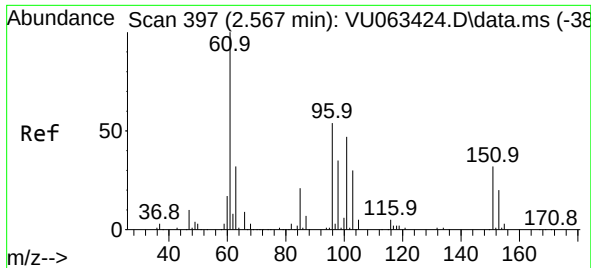
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.468 ug/l
 RT: 2.566 min Scan# 397
 Delta R.T. -0.001 min
 Lab File: VU063442.D
 Acq: 24 Jun 2025 17:24

Tgt Ion:101 Resp: 5981
 Ion Ratio Lower Upper
 101 100
 85 46.7 36.7 55.1
 151 70.9 53.9 80.9





#9

1,1-Dichloroethene

Concen: 0.538 ug/l

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :

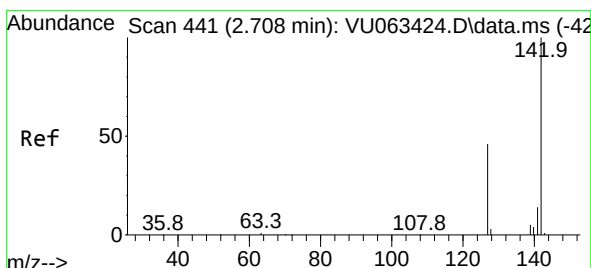
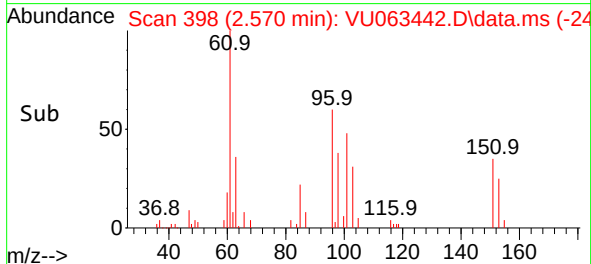
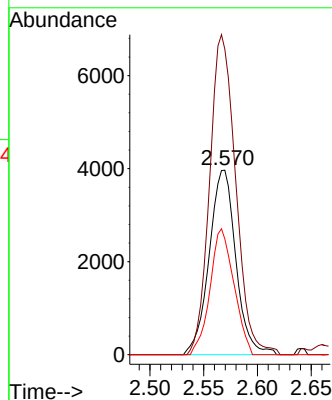
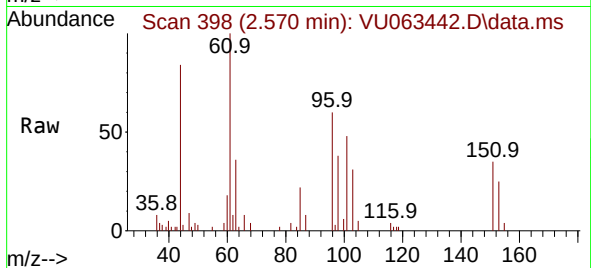
LOQ-WATER-02-QT2-2025

Tgt Ion:	96	Resp:	685
Ion	Ratio	Lower	Upper
96	100		
61	165.6	0.0	552.0
98	62.8	0.0	128.4

Manual Integrations

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#10

Iodomethane

Concen: 0.350 ug/l

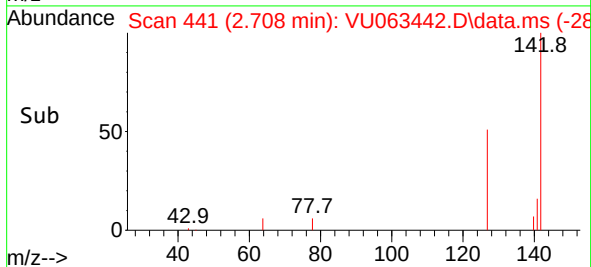
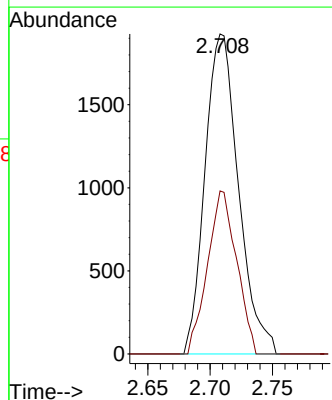
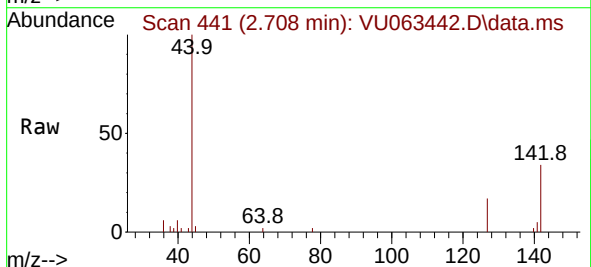
RT: 2.708 min Scan# 441

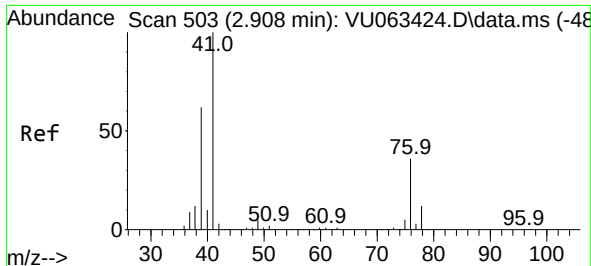
Delta R.T. -0.001 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

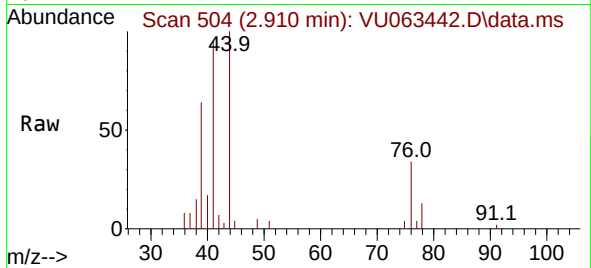
Tgt Ion:	142	Resp:	3605
Ion	Ratio	Lower	Upper
142	100		
127	44.1	36.9	55.3





#11
 Allyl Chloride
 Concen: 0.470 ug/l m
 RT: 2.910 min Scan# 503
 Delta R.T. 0.002 min
 Lab File: VU063442.D
 Acq: 24 Jun 2025 17:24

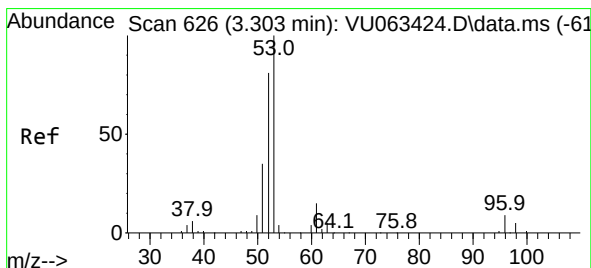
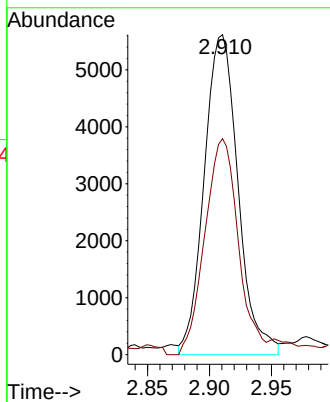
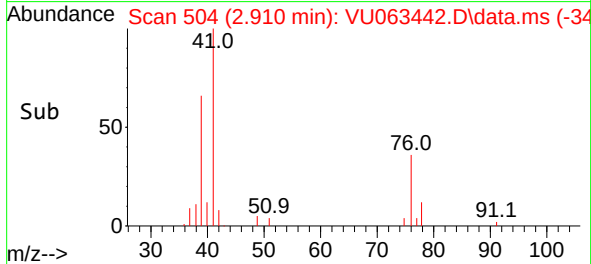
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion: 41 Resp: 1069
 Ion Ratio Lower Upper
 41 100
 39 66.4 50.3 75.5

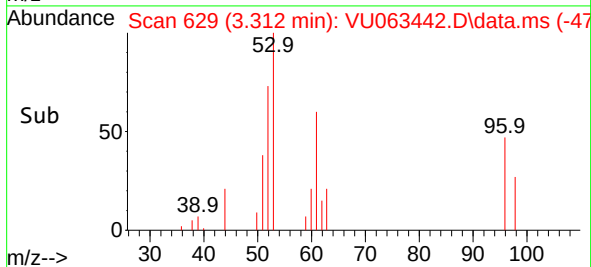
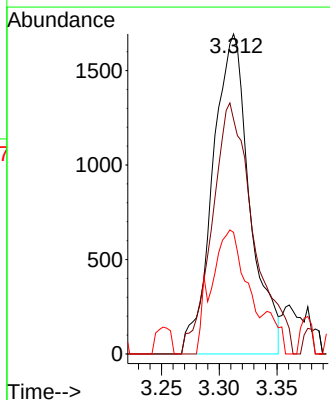
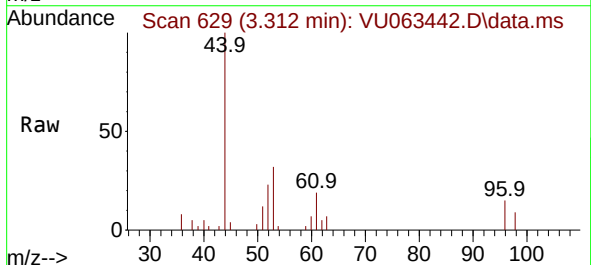
Manual Integrations
 APPROVED

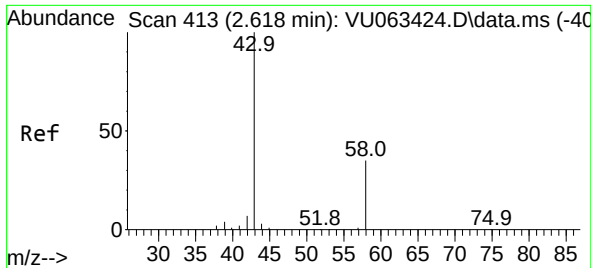
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#12
 Acrylonitrile
 Concen: 1.023 ug/l
 RT: 3.312 min Scan# 629
 Delta R.T. 0.009 min
 Lab File: VU063442.D
 Acq: 24 Jun 2025 17:24

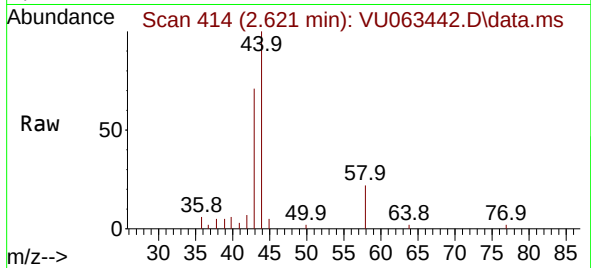
Tgt Ion: 53 Resp: 3772
 Ion Ratio Lower Upper
 53 100
 52 87.7 62.8 94.2
 51 36.4 26.2 39.4





#13
Acetone
Concen: 2.257 ug/l
RT: 2.621 min Scan# 413
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

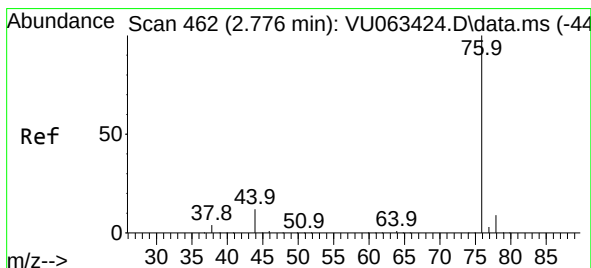
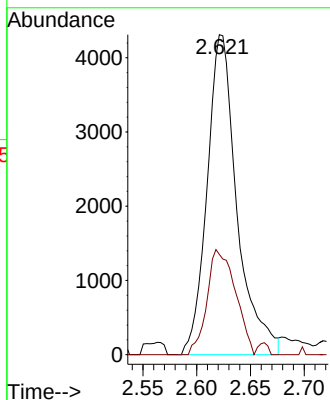
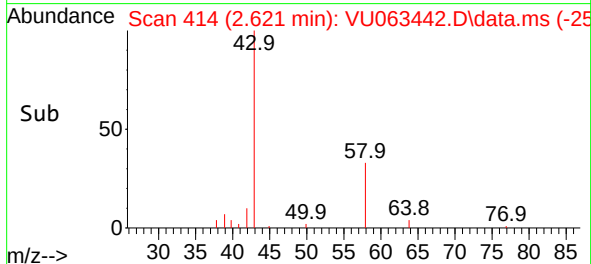
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 8344
Ion Ratio Lower Upper
43 100
58 31.4 28.3 42.5

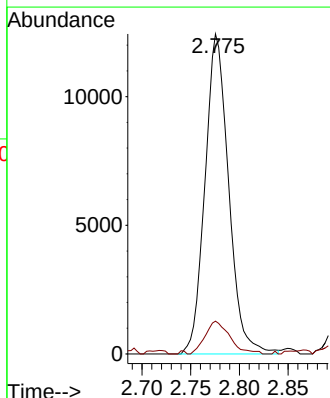
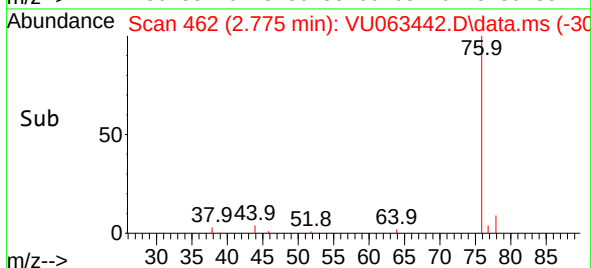
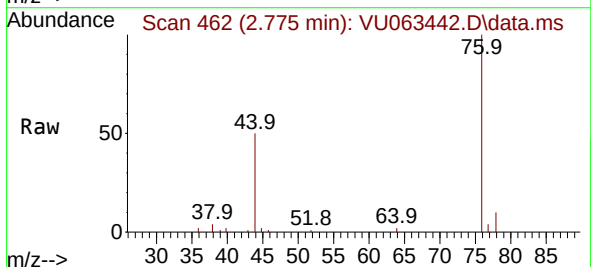
Manual Integrations
APPROVED

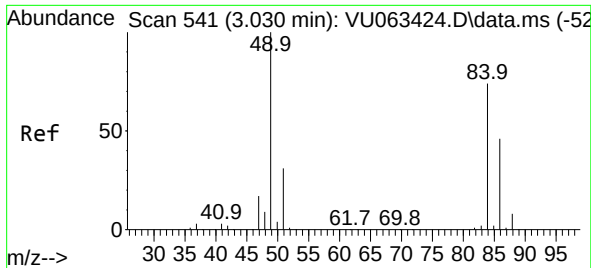
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#14
Carbon Disulfide
Concen: 0.473 ug/l
RT: 2.775 min Scan# 462
Delta R.T. -0.001 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

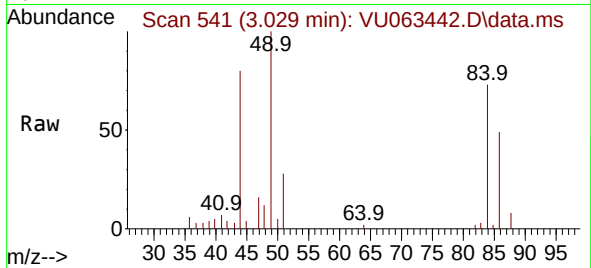
Tgt Ion: 76 Resp: 21033
Ion Ratio Lower Upper
76 100
78 10.3 6.9 10.3





#15
Methylene Chloride
Concen: 0.517 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

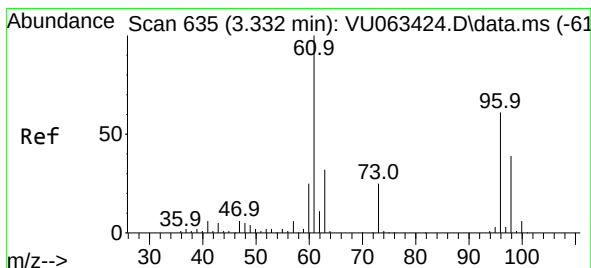
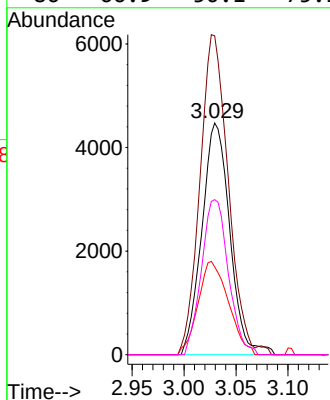
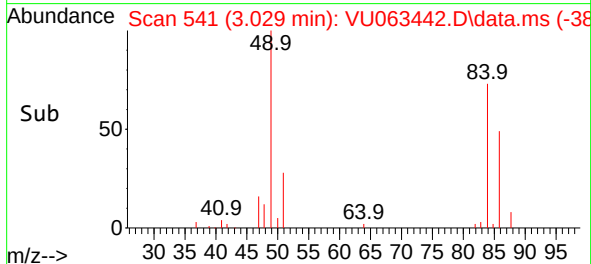
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 84 Resp: 836
Ion Ratio Lower Upper
84 100
49 137.6 108.7 163.1
51 37.9 0.0 83.8
86 66.9 50.1 75.1

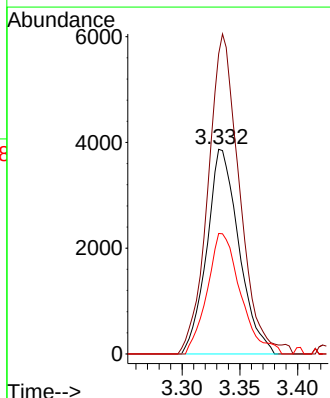
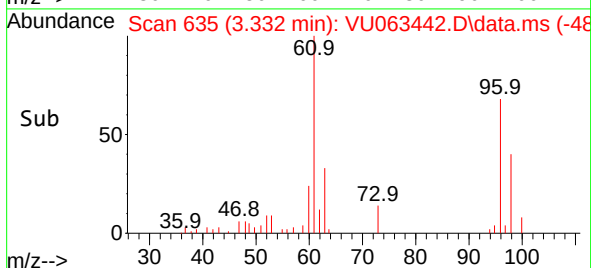
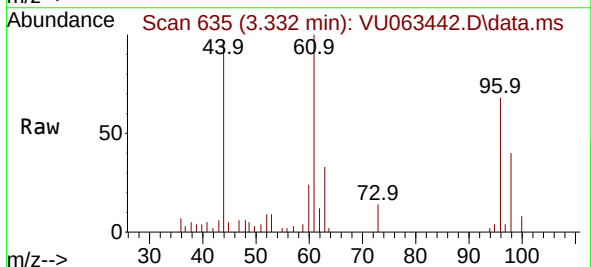
Manual Integrations
APPROVED

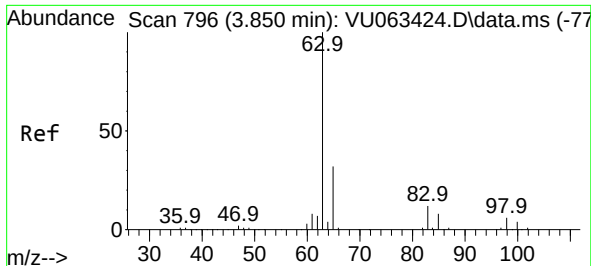
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#16
trans-1,2-Dichloroethene
Concen: 0.520 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.000 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Tgt Ion: 96 Resp: 7466
Ion Ratio Lower Upper
96 100
61 146.7 132.1 198.1
98 58.9 51.0 76.4





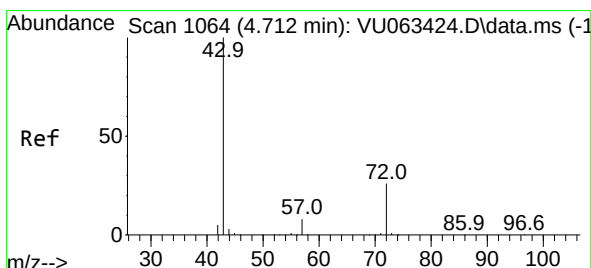
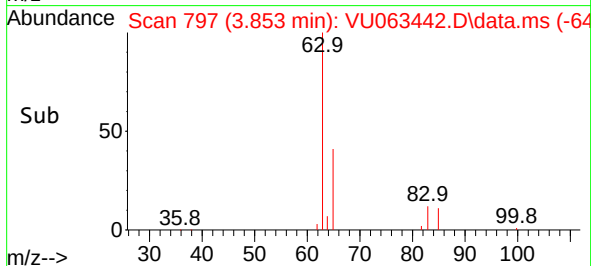
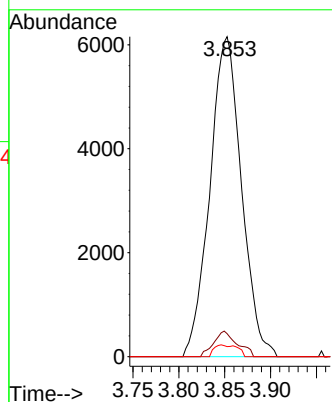
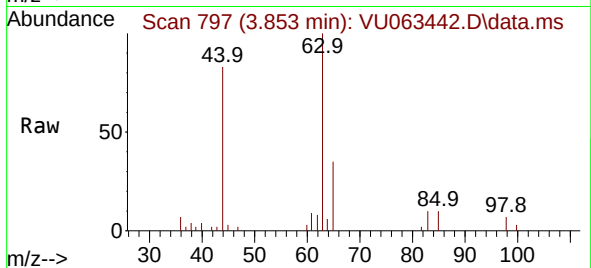
#17
 1,1-Dichloroethane
 Concen: 0.489 ug/l
 RT: 3.853 min Scan# 796
 Delta R.T. 0.003 min
 Lab File: VU063442.D
 Acq: 24 Jun 2025 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Tgt Ion: 63 Resp: 14740
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.8 8.4
 100 3.1 1.9 5.7

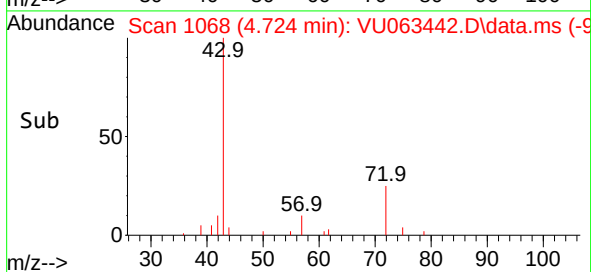
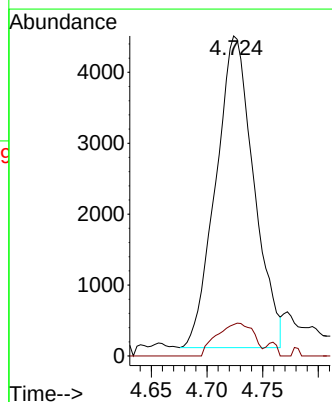
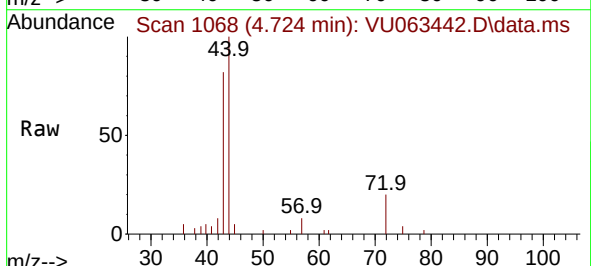
Manual Integrations
 APPROVED

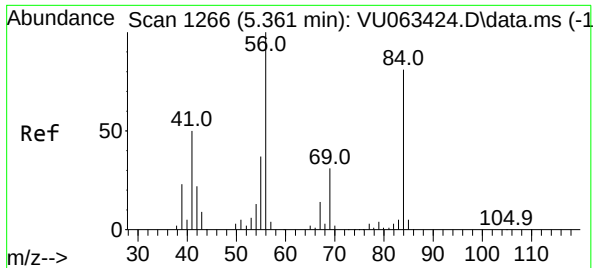
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#18
 2-Butanone
 Concen: 2.031 ug/l
 RT: 4.724 min Scan# 1068
 Delta R.T. 0.012 min
 Lab File: VU063442.D
 Acq: 24 Jun 2025 17:24

Tgt Ion: 43 Resp: 10448
 Ion Ratio Lower Upper
 43 100
 57 10.1 0.0 16.0





#19

Cyclohexane

Concen: 0.485 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :

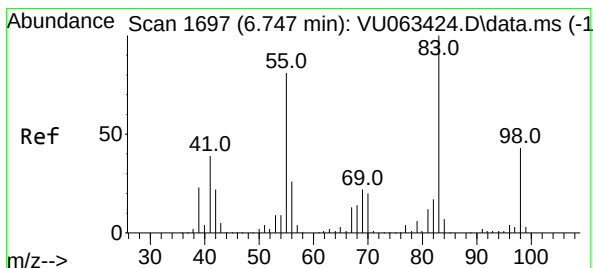
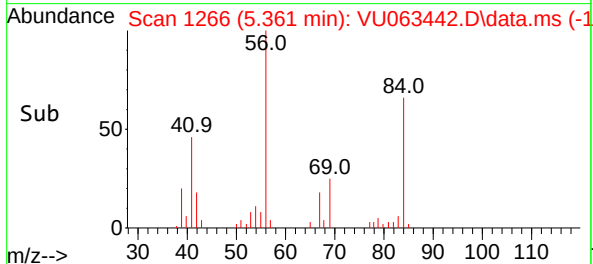
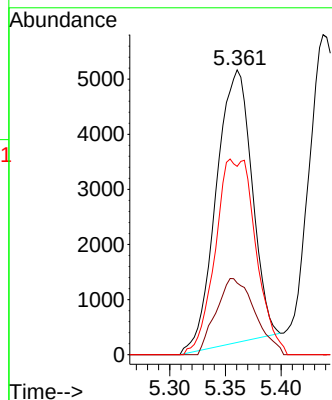
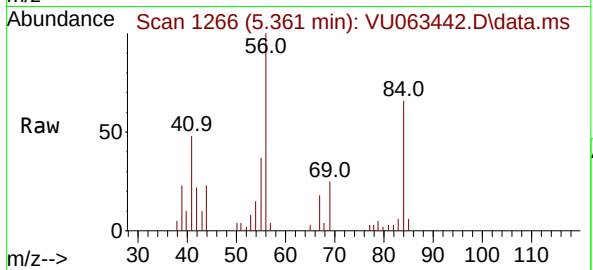
LOQ-WATER-02-QT2-2025

Tgt Ion:	56	Resp:	1107
Ion Ratio	Lower	Upper	
56	100		
69	30.2	26.4	39.6
84	81.1	68.6	102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#20

Methylcyclohexane

Concen: 0.409 ug/l

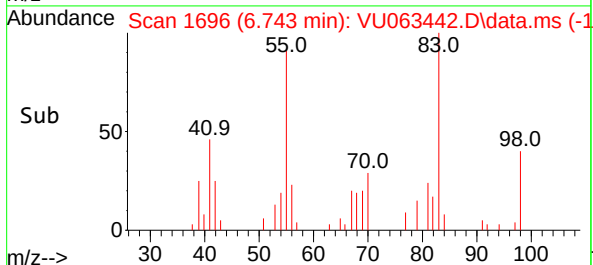
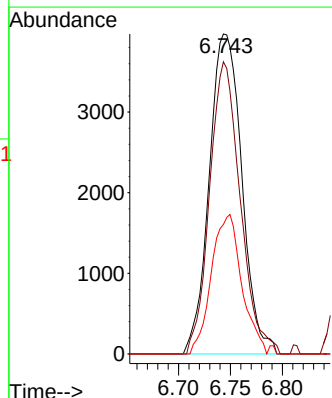
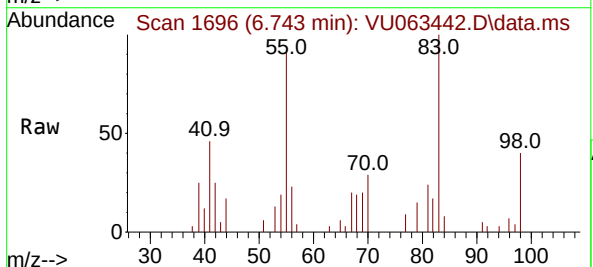
RT: 6.743 min Scan# 1696

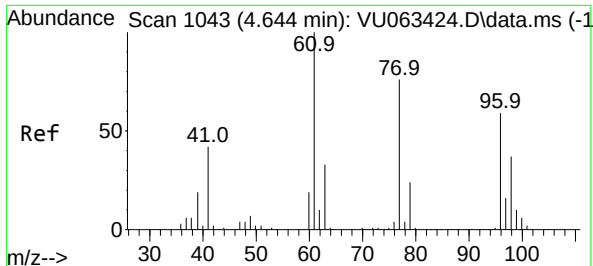
Delta R.T. -0.004 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

Tgt Ion:	83	Resp:	8650
Ion Ratio	Lower	Upper	
83	100		
55	85.9	63.5	95.3
98	40.6	34.2	51.4





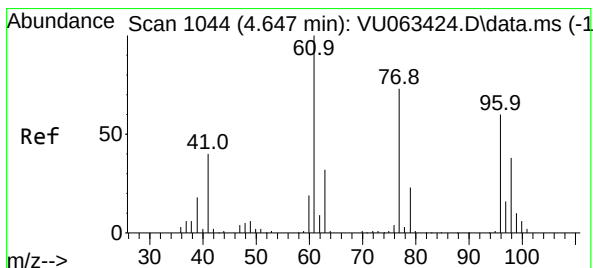
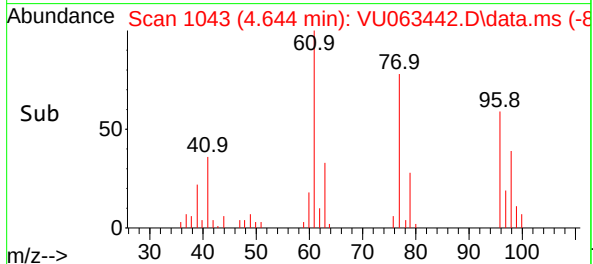
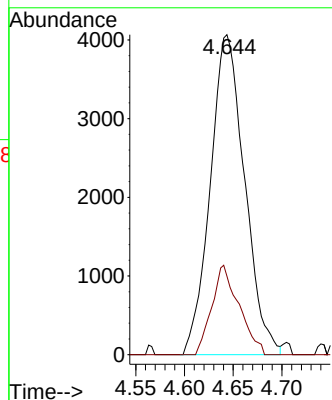
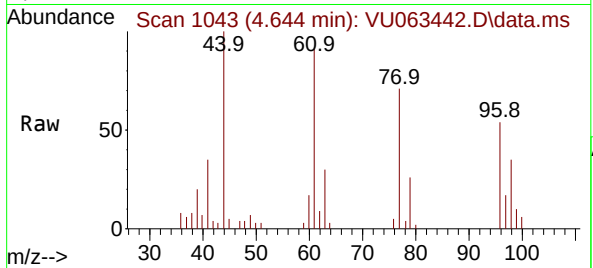
#21
2,2-Dichloropropane
Concen: 0.465 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 77 Resp: 996
Ion Ratio Lower Upper
77 100
97 22.1 17.2 25.8

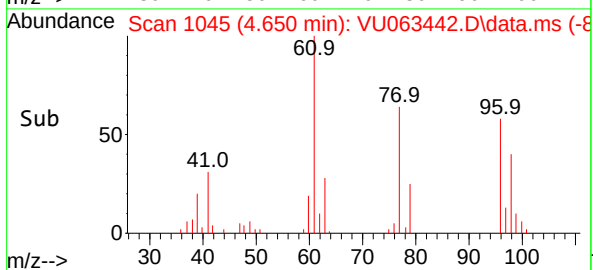
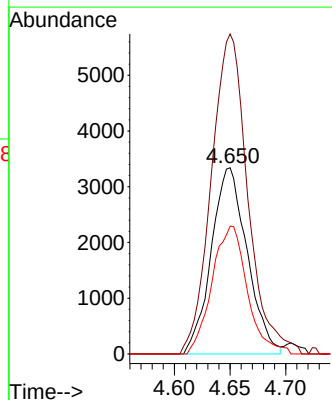
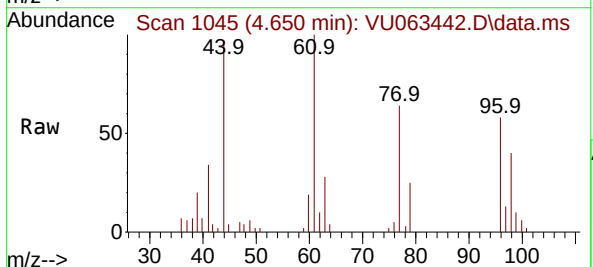
Manual Integrations
APPROVED

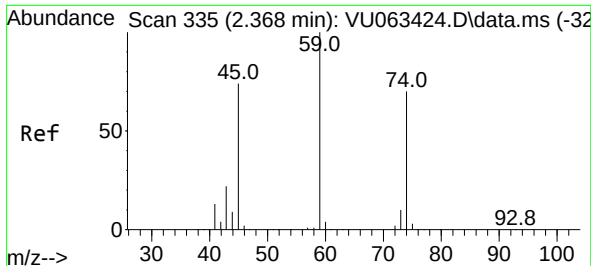
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#22
cis-1,2-Dichloroethene
Concen: 0.478 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

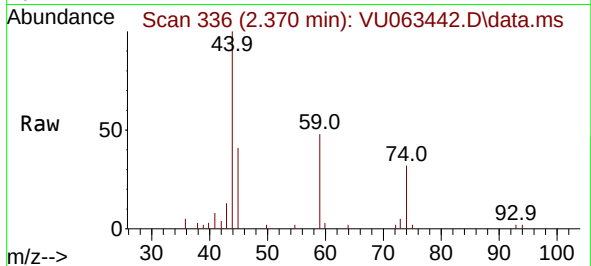
Tgt Ion: 96 Resp: 7495
Ion Ratio Lower Upper
96 100
61 174.3 0.0 434.3
98 67.3 31.9 95.7





#23
Diethyl Ether
Concen: 0.433 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

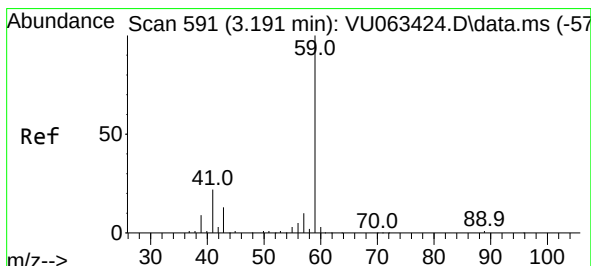
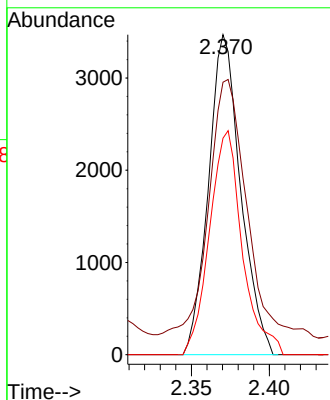
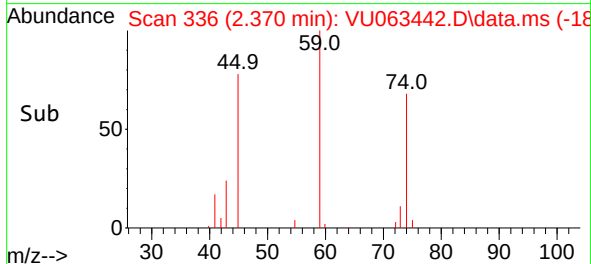
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 59 Resp: 4980
Ion Ratio Lower Upper
59 100
45 95.5 60.7 91.1
74 71.2 55.8 83.6

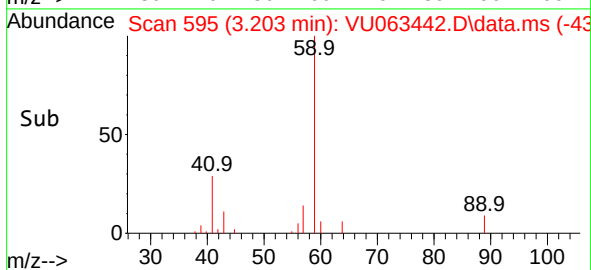
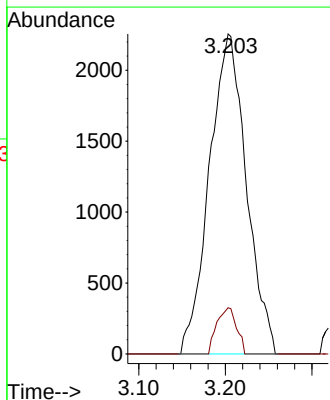
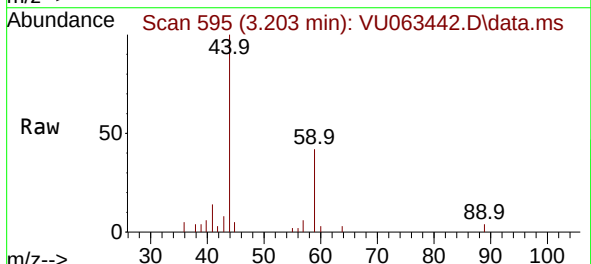
Manual Integrations
APPROVED

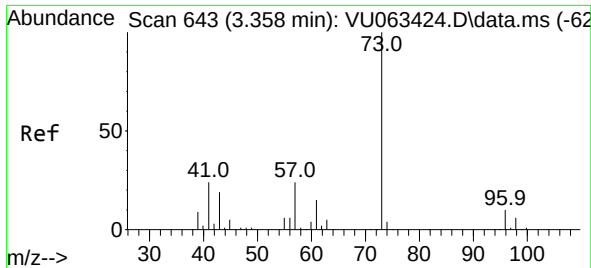
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#24
tert-Butyl Alcohol
Concen: 5.511 ug/l
RT: 3.203 min Scan# 595
Delta R.T. 0.012 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

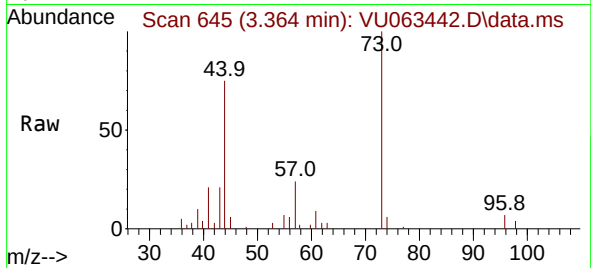
Tgt Ion: 59 Resp: 6684
Ion Ratio Lower Upper
59 100
57 7.7 7.8 11.8#





#25
Methyl tert-Butyl Ether
Concen: 0.480 ug/l
RT: 3.364 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

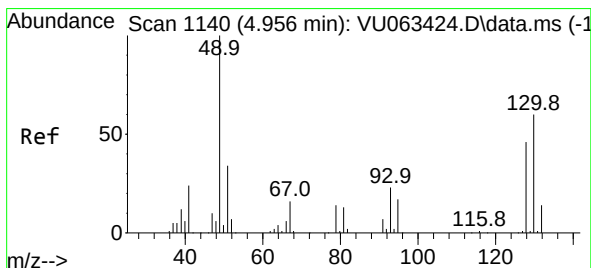
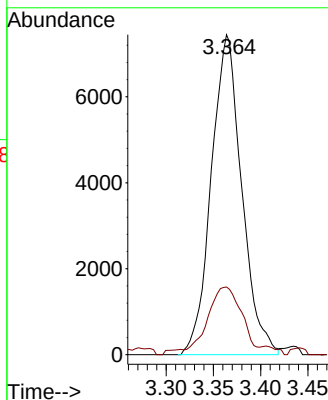
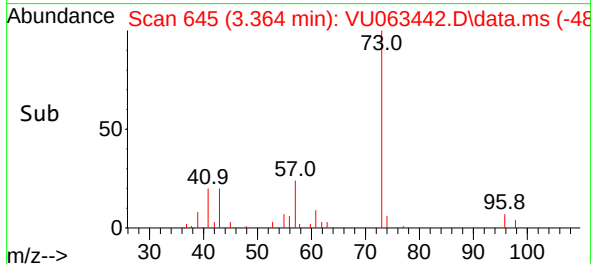
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 73 Resp: 1666
Ion Ratio Lower Upper
73 100
43 24.5 15.1 22.7

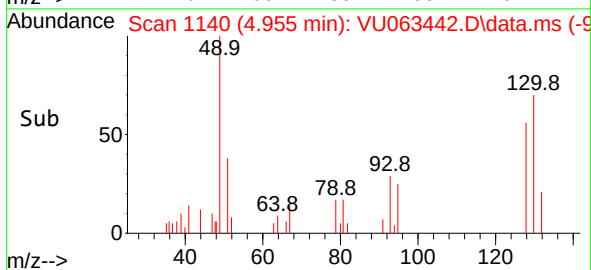
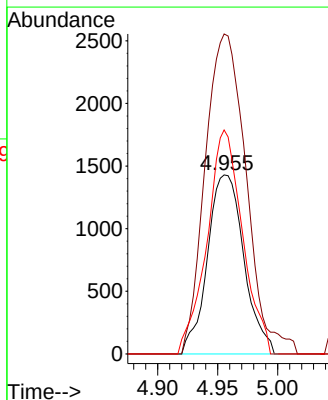
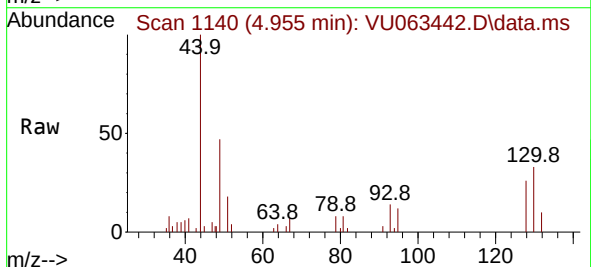
Manual Integrations
APPROVED

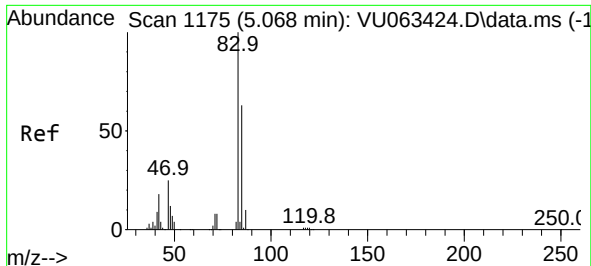
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#26
Bromochloromethane
Concen: 0.495 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.001 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Tgt Ion:128 Resp: 3019
Ion Ratio Lower Upper
128 100
49 201.0 0.0 441.2
130 122.0 102.3 153.5





#27

Chloroform

Concen: 0.502 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.001 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 83 Resp: 14174

Ion Ratio Lower Upper

83 100

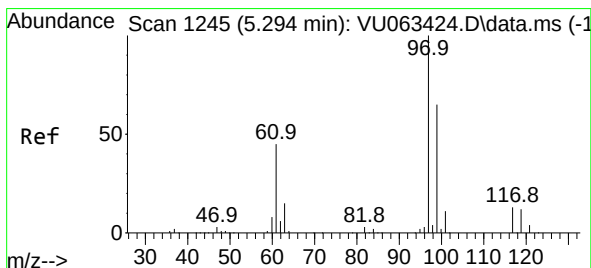
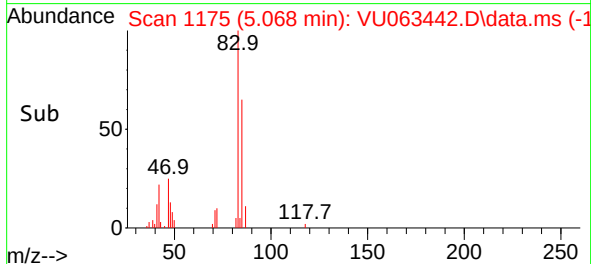
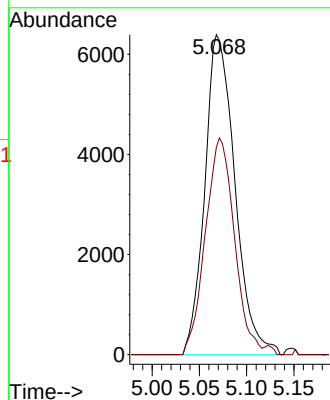
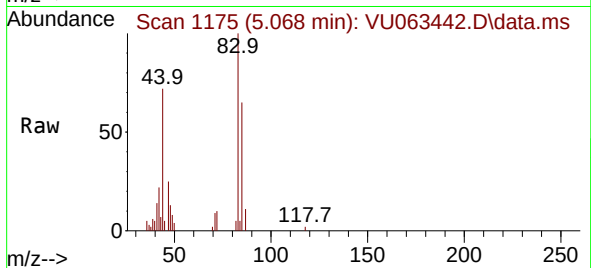
85 64.8 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#28

1,1,1-Trichloroethane

Concen: 0.476 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.001 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

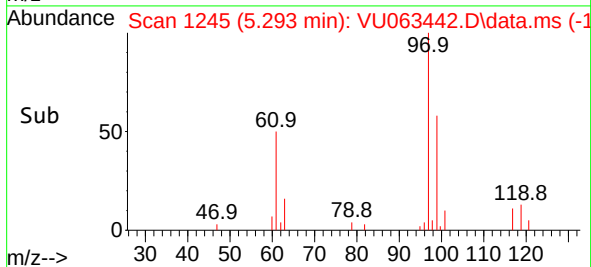
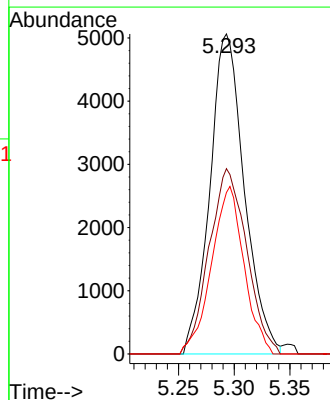
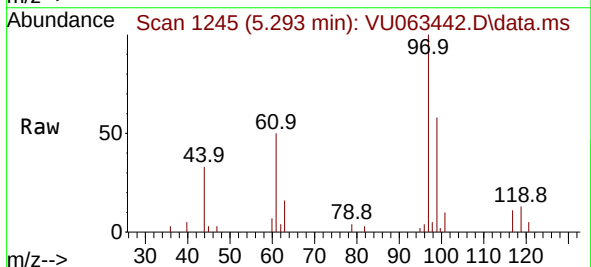
Tgt Ion: 97 Resp: 10916

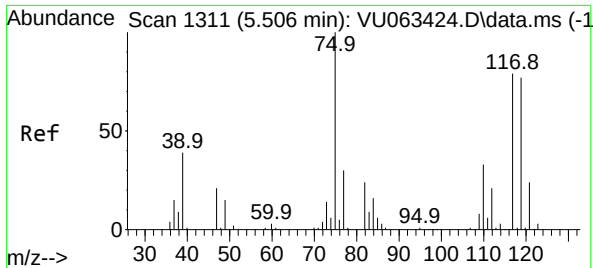
Ion Ratio Lower Upper

97 100

99 62.8 31.9 95.5

61 49.3 22.9 68.7





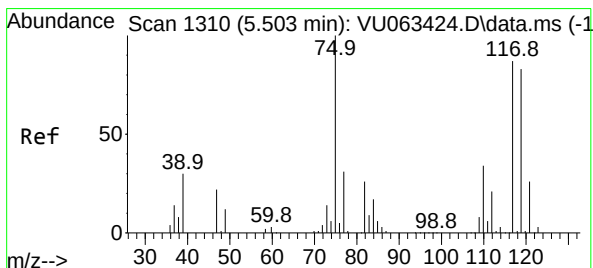
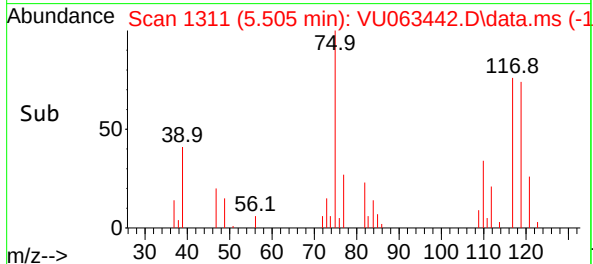
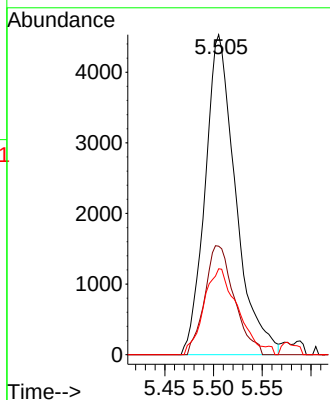
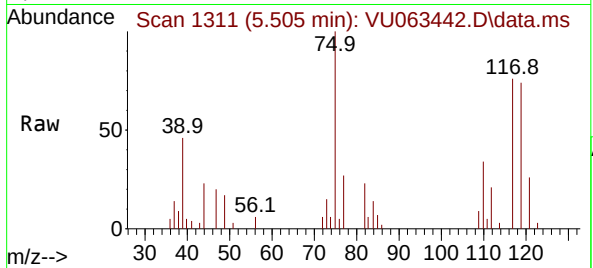
#29
1,1-Dichloropropene
Concen: 0.471 ug/l
RT: 5.505 min Scan# 1109
Delta R.T. -0.001 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 75 Resp: 985
Ion Ratio Lower Upper
75 100
110 33.0 17.4 52.2
77 30.1 25.4 38.0

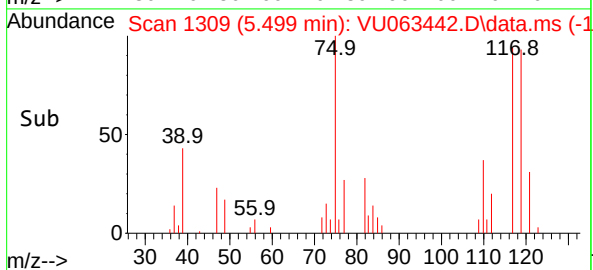
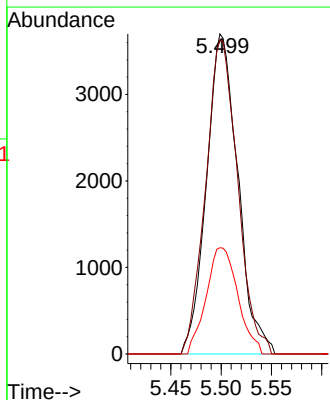
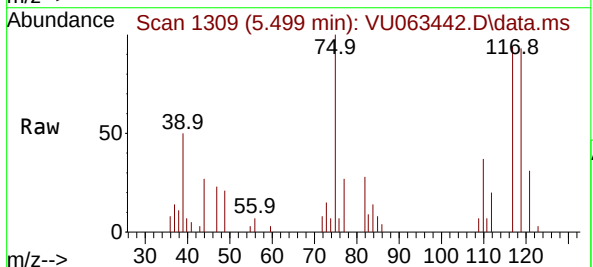
Manual Integrations
APPROVED

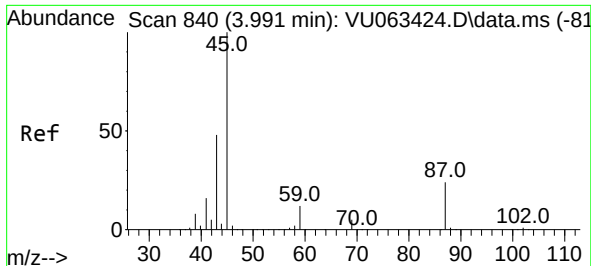
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#30
Carbon Tetrachloride
Concen: 0.438 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

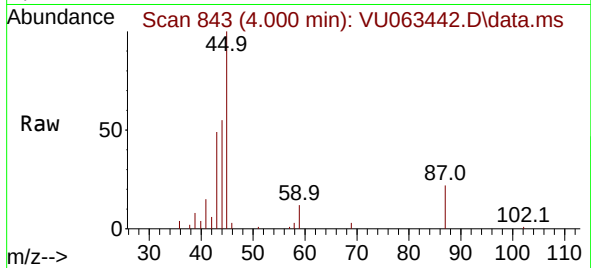
Tgt Ion:117 Resp: 8017
Ion Ratio Lower Upper
117 100
119 98.2 76.7 115.1
121 33.2 24.3 36.5





#31
Isopropyl Ether
Concen: 0.485 ug/l
RT: 4.000 min Scan# 840
Delta R.T. 0.009 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

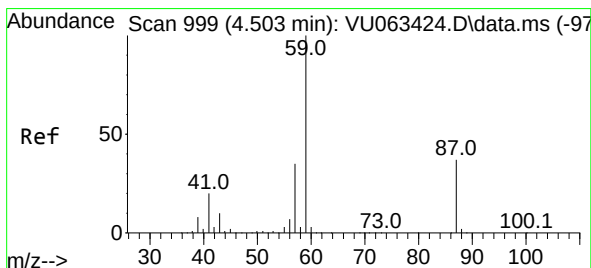
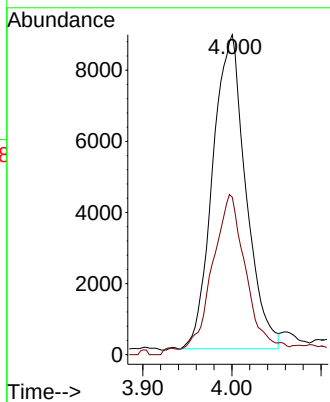
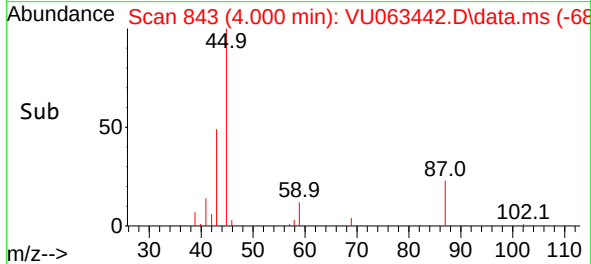
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



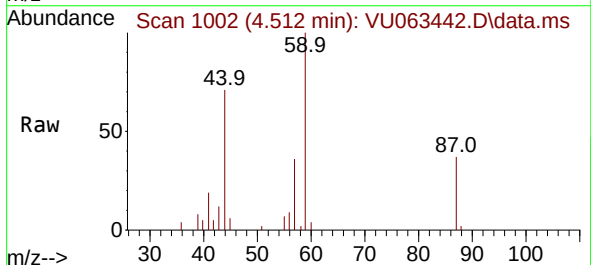
Tgt Ion: 45 Resp: 22810
Ion Ratio Lower Upper
45 100
43 49.8 23.8 71.5

Manual Integrations
APPROVED

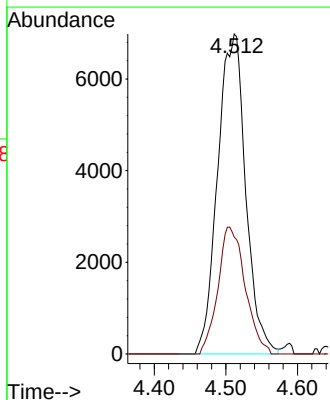
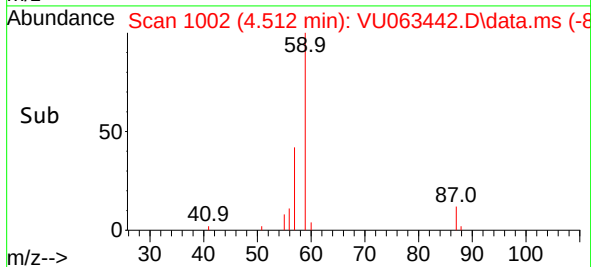
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

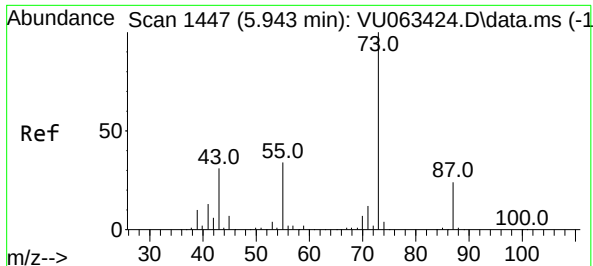


#32
Ethyl-t-butyl ether
Concen: 0.475 ug/l m
RT: 4.512 min Scan# 1002
Delta R.T. 0.009 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24



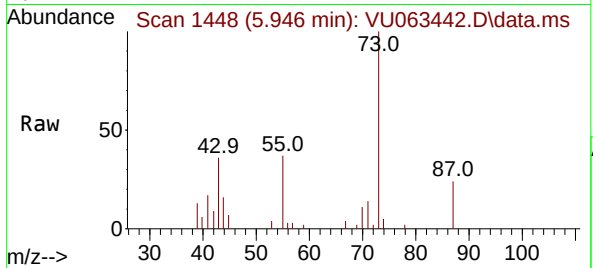
Tgt Ion: 59 Resp: 18962
Ion Ratio Lower Upper
59 100
87 38.5 29.9 44.9





#33
Tert-Amyl methyl ether
Concen: 0.422 ug/l
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

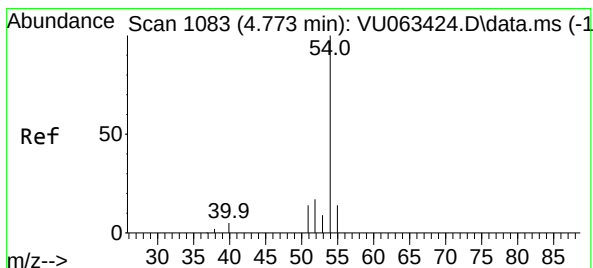
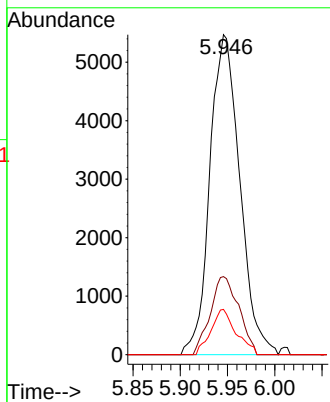
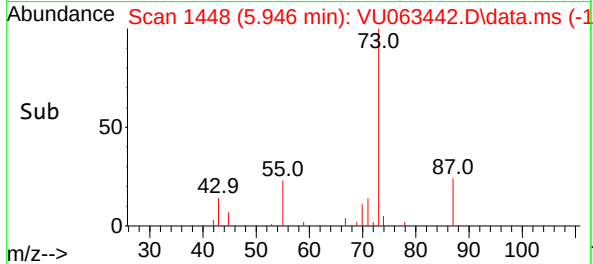
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 73 Resp: 12052
Ion Ratio Lower Upper
73 100
87 23.2 18.1 27.1
71 11.9 10.0 15.0

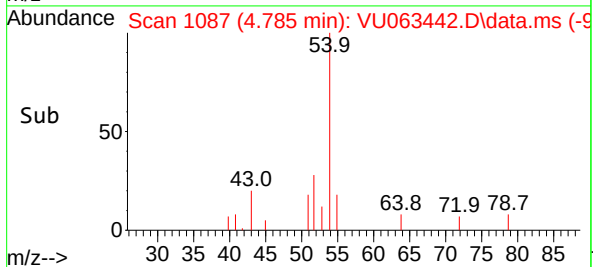
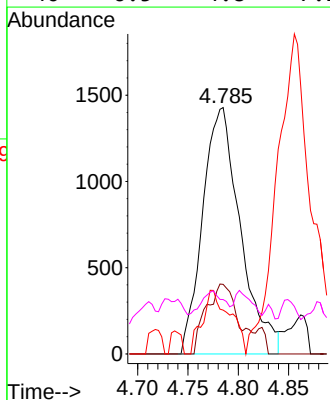
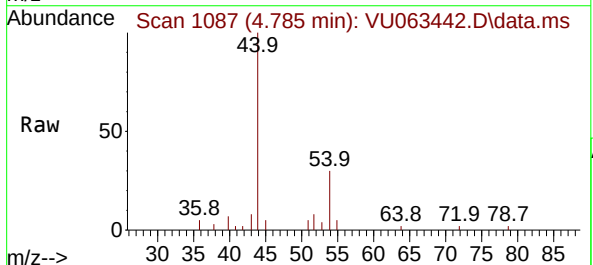
Manual Integrations
APPROVED

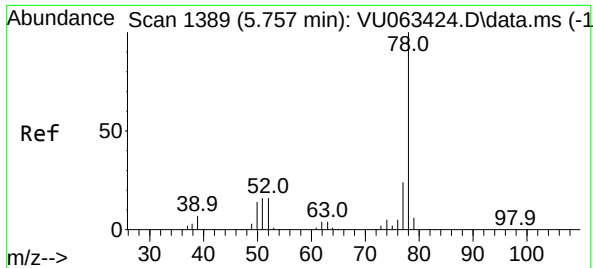
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#34
Propionitrile
Concen: 2.503 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.012 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Tgt Ion: 54 Resp: 3725
Ion Ratio Lower Upper
54 100
52 24.5 14.8 22.2#
55 18.9 12.2 18.2#
40 6.5 4.8 7.2





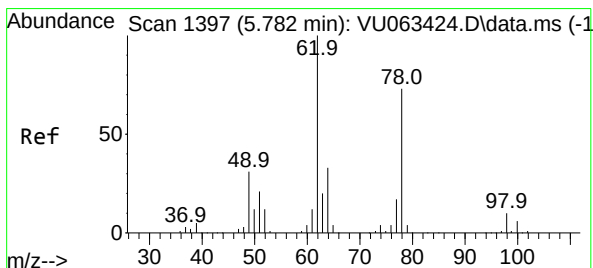
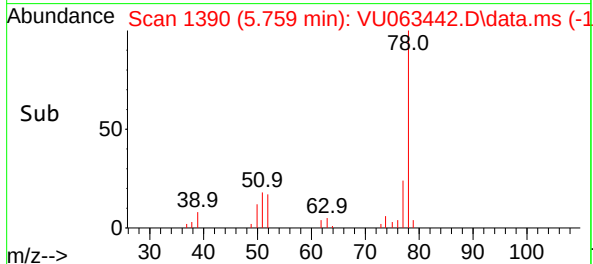
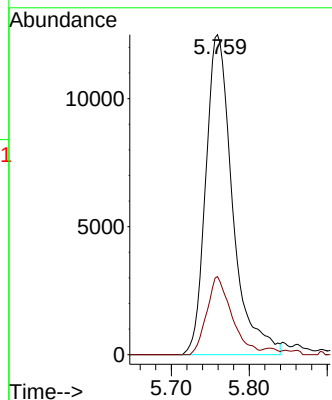
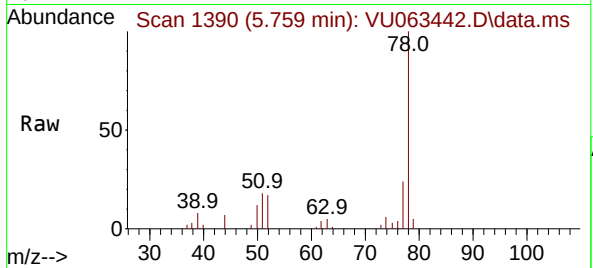
#35
Benzene
Concen: 0.472 ug/l
RT: 5.759 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 78 Resp: 2985
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.2

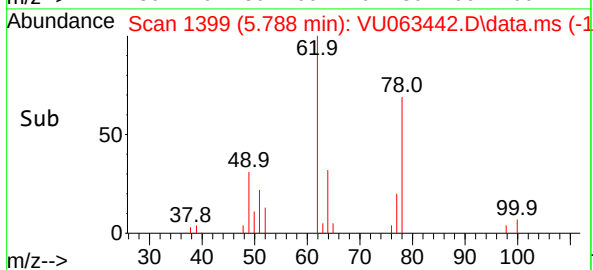
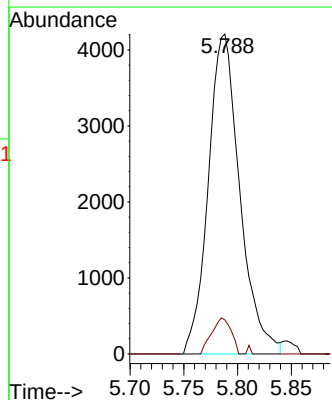
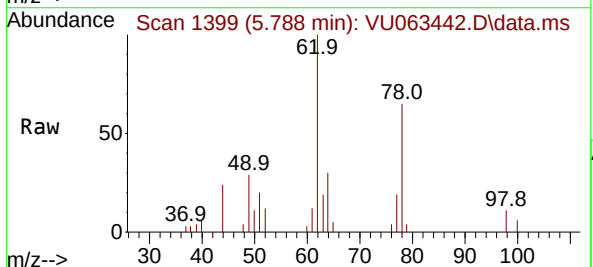
Manual Integrations
APPROVED

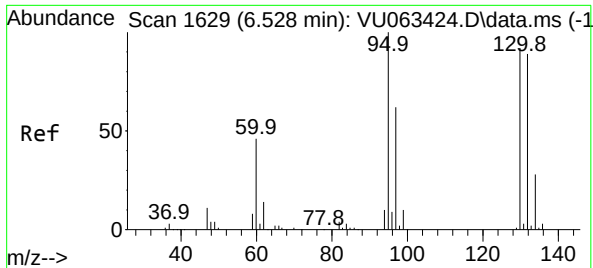
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#36
1,2-Dichloroethane
Concen: 0.464 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

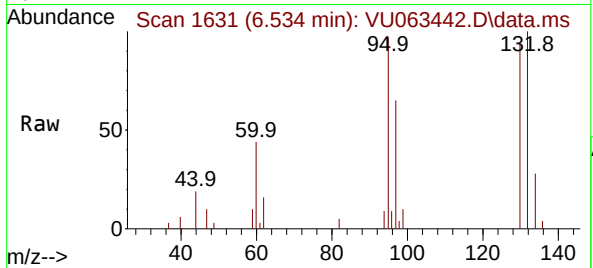
Tgt Ion: 62 Resp: 8587
Ion Ratio Lower Upper
62 100
98 6.9 7.1 10.7#





#37
Trichloroethene
Concen: 0.454 ug/l
RT: 6.534 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

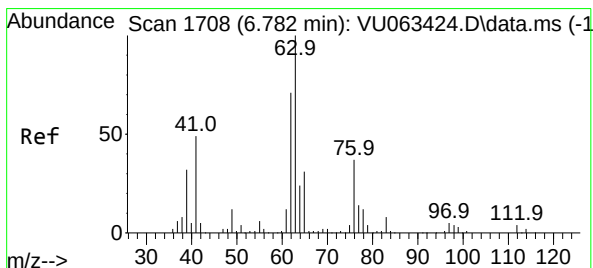
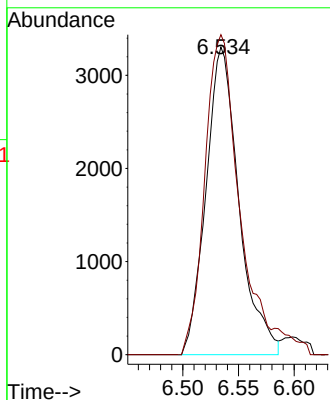
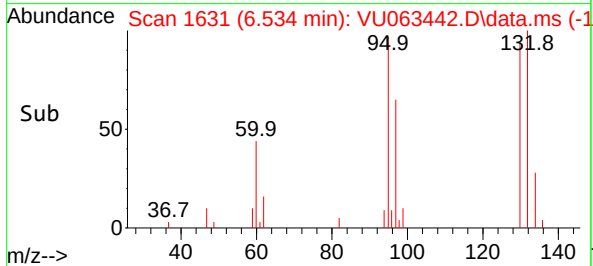
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



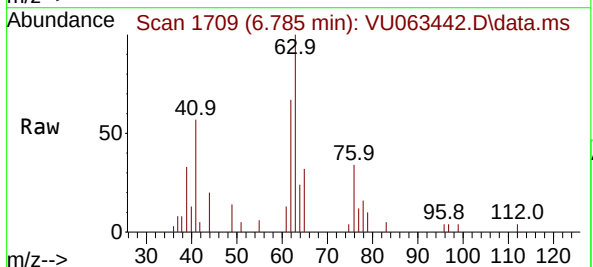
Tgt Ion:130 Resp: 6798
Ion Ratio Lower Upper
130 100
95 104.1 87.2 130.8

Manual Integrations
APPROVED

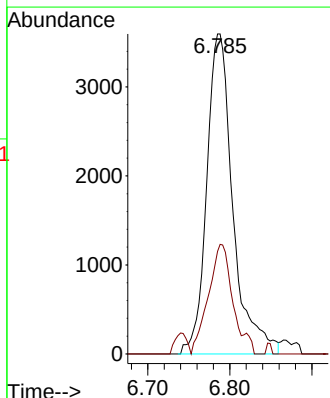
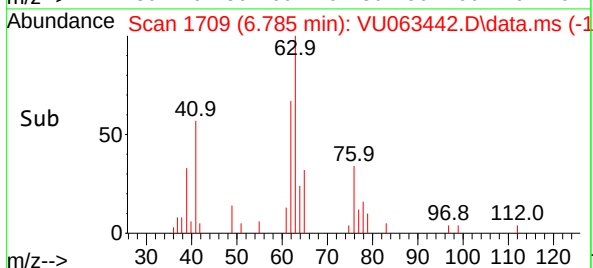
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

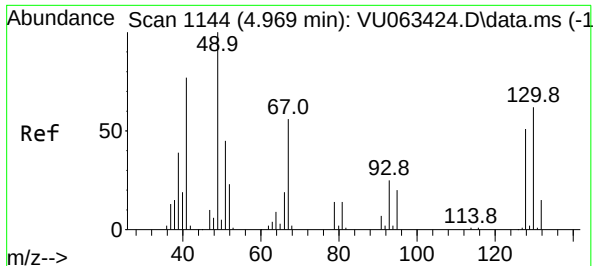


#38
1,2-Dichloropropane
Concen: 0.457 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24



Tgt Ion: 63 Resp: 7989
Ion Ratio Lower Upper
63 100
65 32.1 25.0 37.6





#39

Methacrylonitrile

Concen: 0.495 ug/l m

RT: 4.978 min Scan# 1144

Delta R.T. 0.009 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

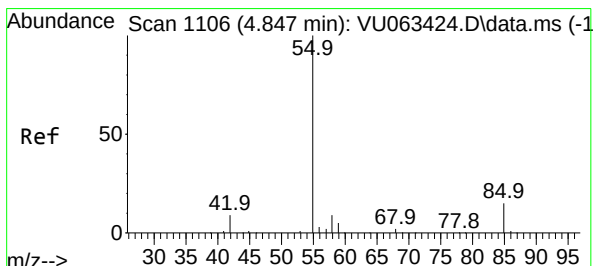
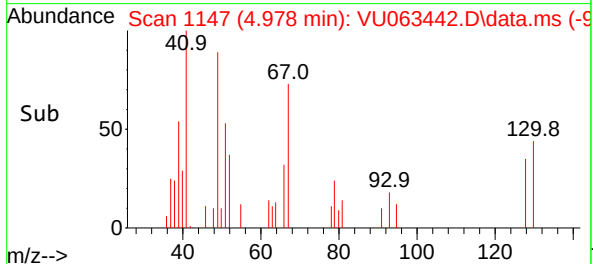
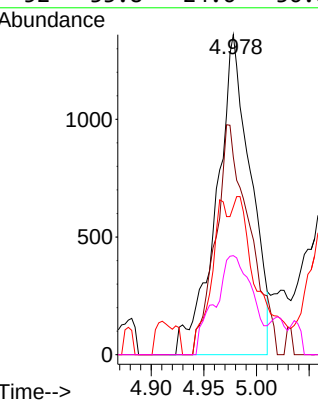
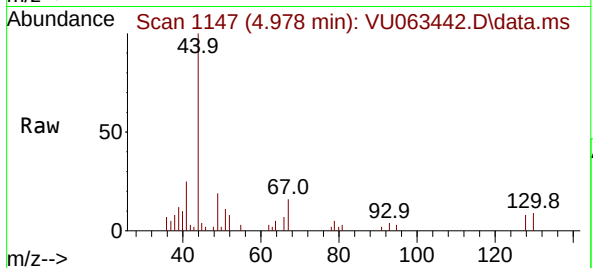
Tgt Ion: 41 Resp: 3064

Ion	Ratio	Lower	Upper
41	100		
67	71.3	59.8	89.8
39	22.7	40.7	61.1
52	33.8	24.6	36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#40

Methyl acrylate

Concen: 0.489 ug/l

RT: 4.856 min Scan# 1109

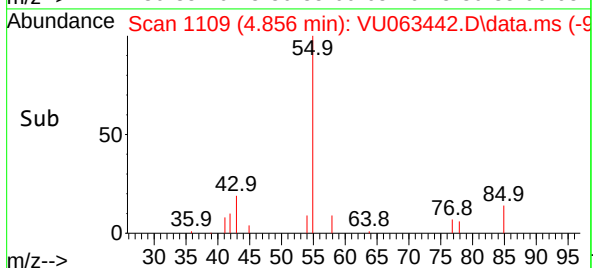
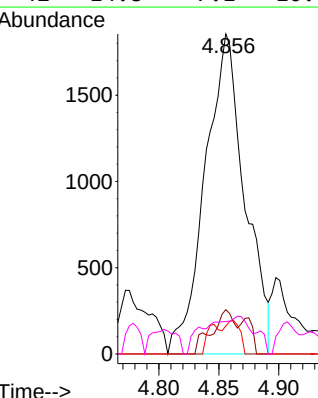
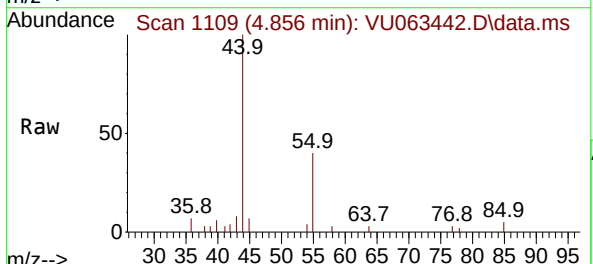
Delta R.T. 0.009 min

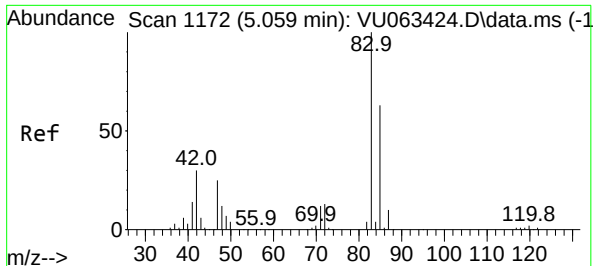
Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

Tgt Ion: 55 Resp: 4247

Ion	Ratio	Lower	Upper
55	100		
85	0.0	12.6	19.0#
58	3.8	6.9	10.3#
42	14.8	7.1	10.7#





#41

Tetrahydrofuran

Concen: 1.279 ug/l m

RT: 5.061 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

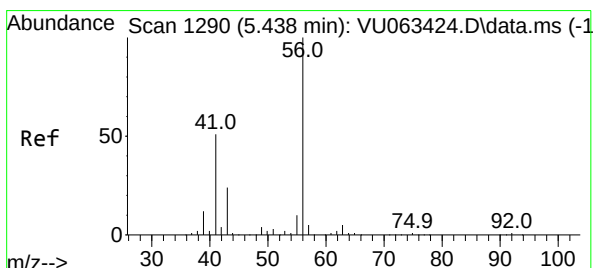
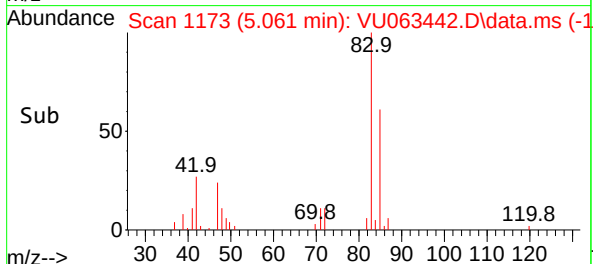
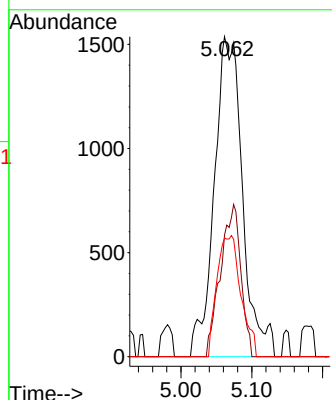
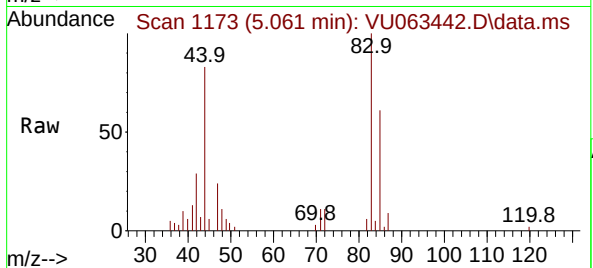
Tgt Ion:	42	Resp:	4259
Ion Ratio	Lower	Upper	
42	100		
72	34.2	35.4	53.2
71	32.0	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#42

1-Chlorobutane

Concen: 0.457 ug/l m

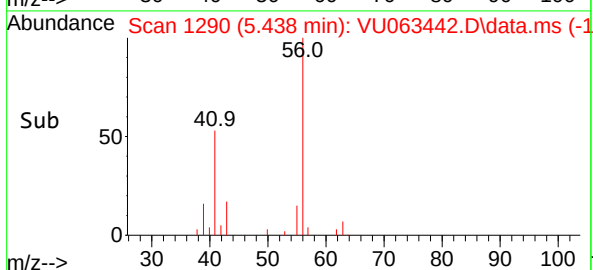
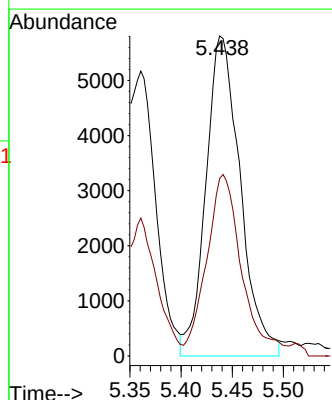
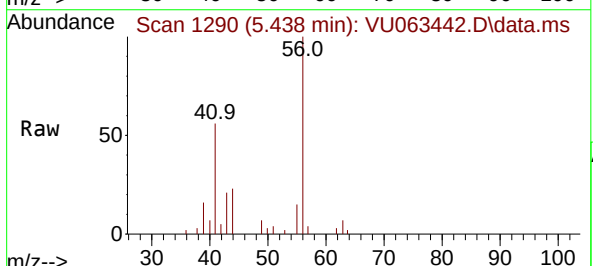
RT: 5.438 min Scan# 1290

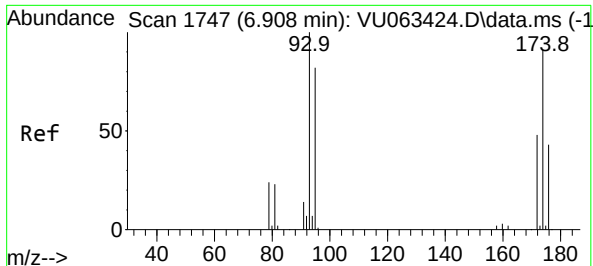
Delta R.T. -0.000 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

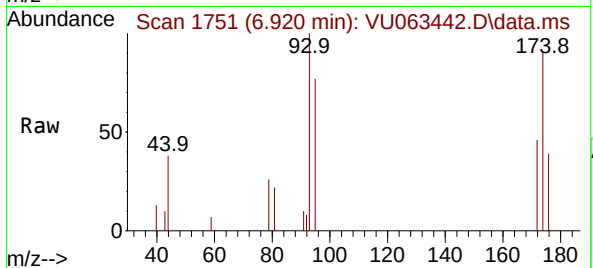
Tgt Ion:	56	Resp:	13575
Ion Ratio	Lower	Upper	
56	100		
41	58.0	26.4	79.0





#43
Dibromomethane
Concen: 0.468 ug/l
RT: 6.920 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

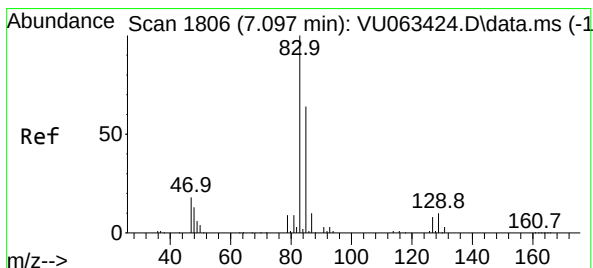
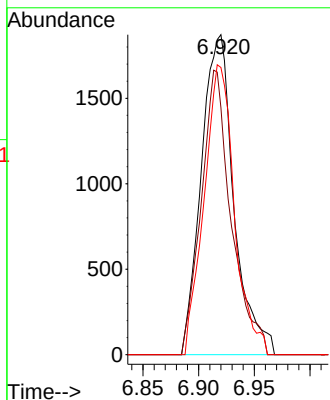
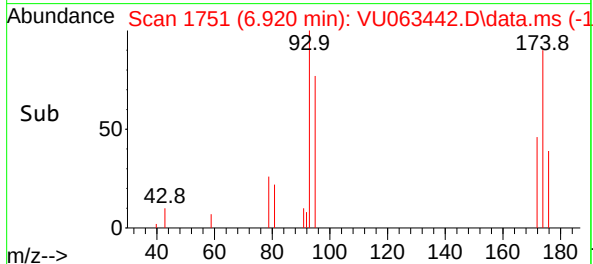
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 93 Resp: 3820
Ion Ratio Lower Upper
93 100
95 81.7 66.7 100.1
174 84.0 71.1 106.7

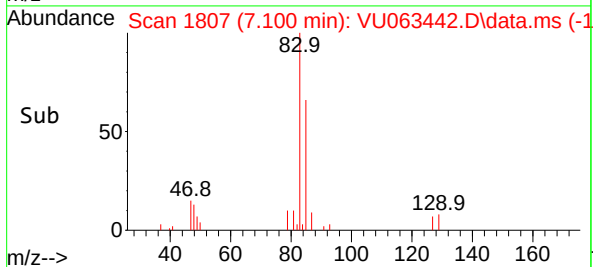
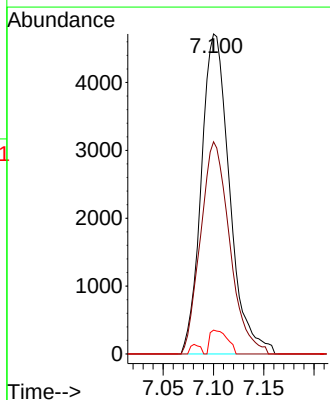
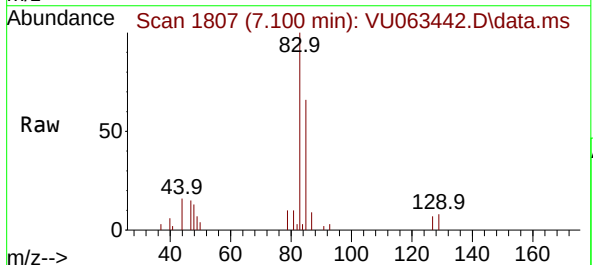
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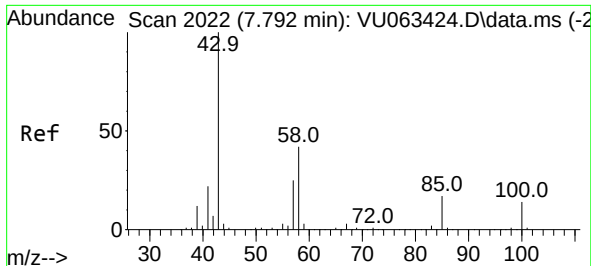
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#44
Bromodichloromethane
Concen: 0.464 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Tgt Ion: 83 Resp: 9225
Ion Ratio Lower Upper
83 100
85 66.3 51.4 77.2
127 7.5 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 2.246 ug/l

RT: 7.801 min Scan# 2022

Delta R.T. 0.009 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :

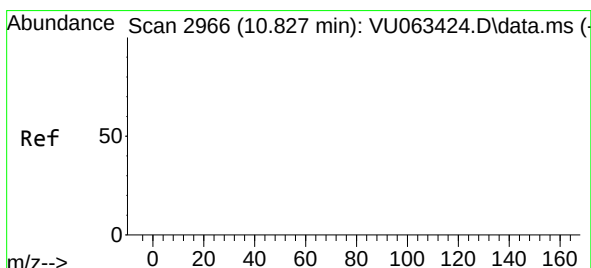
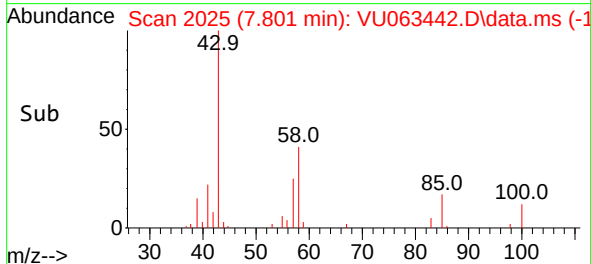
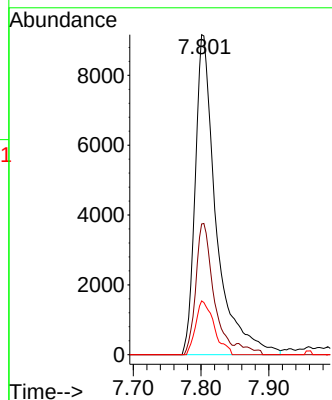
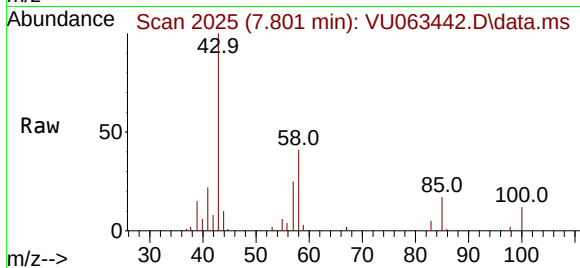
LOQ-WATER-02-QT2-2025

Tgt Ion:	43	Resp:	1969
Ion Ratio	Lower	Upper	
43	100		
58	34.6	20.5	61.6
85	14.7	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#46

t-1,4-Dichloro-2-butene

Concen: 1.107 ug/l m

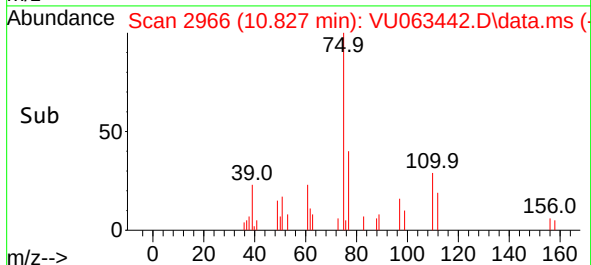
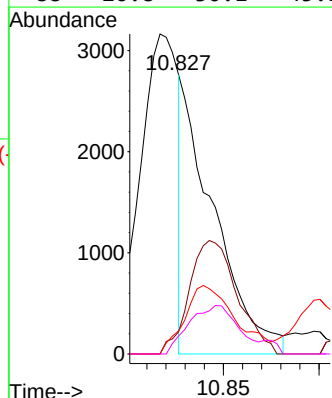
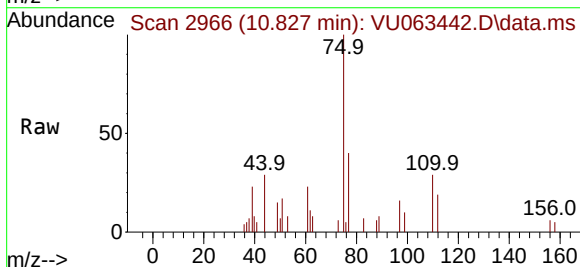
RT: 10.827 min Scan# 2966

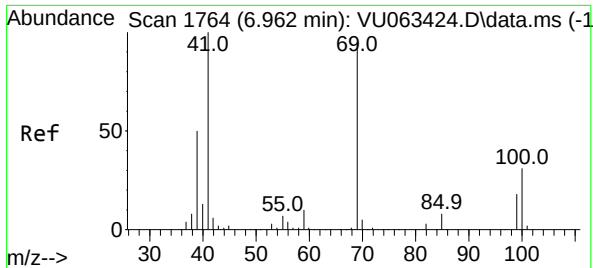
Delta R.T. -0.000 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

Tgt Ion:	75	Resp:	3192
Ion Ratio	Lower	Upper	
75	100		
53	61.2	61.4	92.2#
89	39.0	39.2	58.8#
88	26.8	30.1	45.1#





#47

Methyl methacrylate

Concen: 0.644 ug/l

RT: 6.975 min Scan# 1768

Delta R.T. 0.013 min

Lab File: VU063442.D

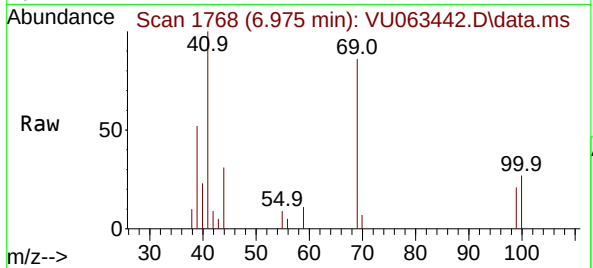
Acq: 24 Jun 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025



Tgt Ion: 69 Resp: 4074

Ion Ratio Lower Upper

69 100

41 121.0 0.0 212.6

39 71.9 40.6 61.0

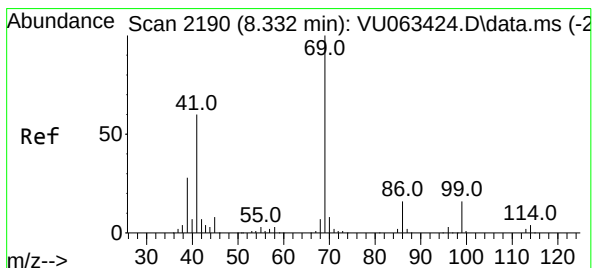
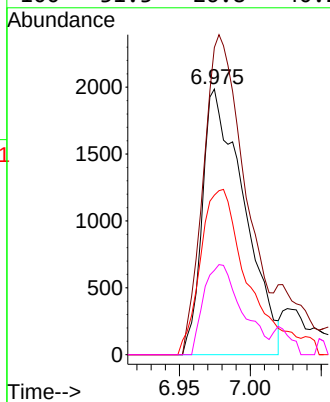
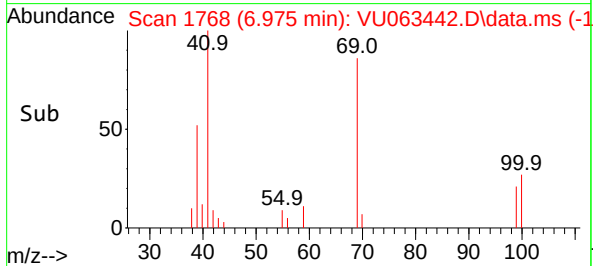
100 31.3 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#48

Ethyl methacrylate

Concen: 0.445 ug/l

RT: 8.341 min Scan# 2193

Delta R.T. 0.009 min

Lab File: VU063442.D

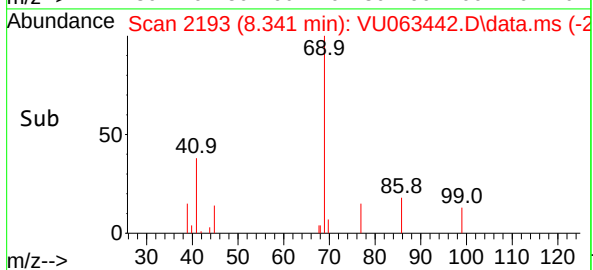
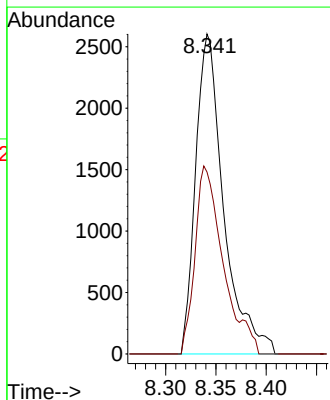
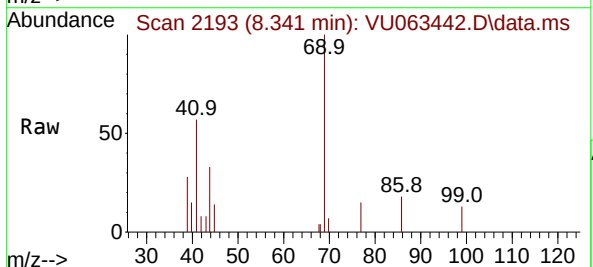
Acq: 24 Jun 2025 17:24

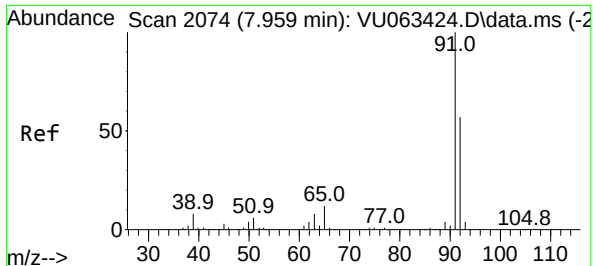
Tgt Ion: 69 Resp: 5045

Ion Ratio Lower Upper

69 100

41 58.8 30.6 92.0





#49

Toluene

Concen: 0.399 ug/l

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 92 Resp: 1386

Ion Ratio Lower Upper

92 100

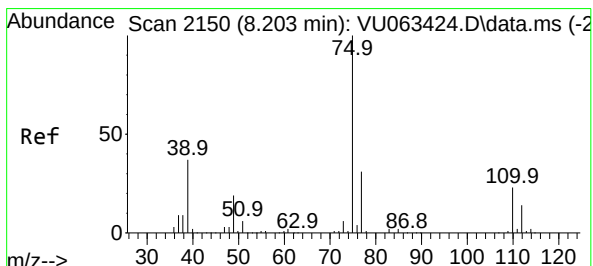
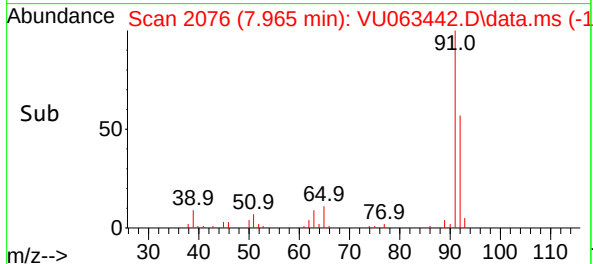
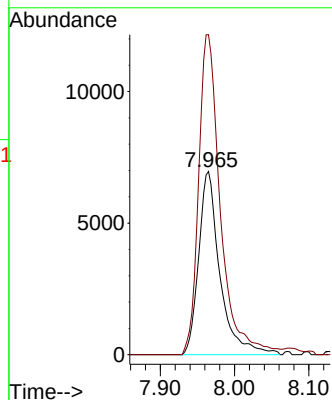
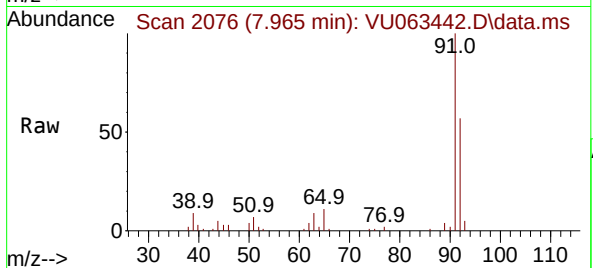
91 179.4 142.0 213.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#50

t-1,3-Dichloropropene

Concen: 0.403 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.010 min

Lab File: VU063442.D

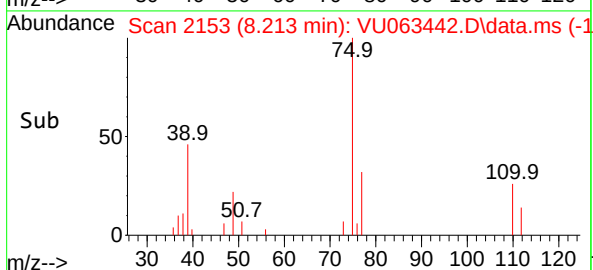
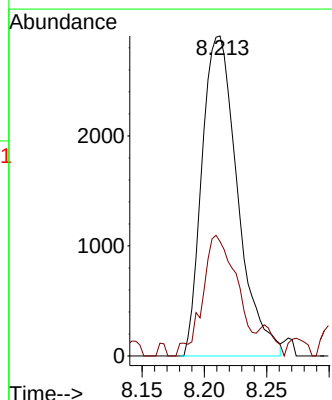
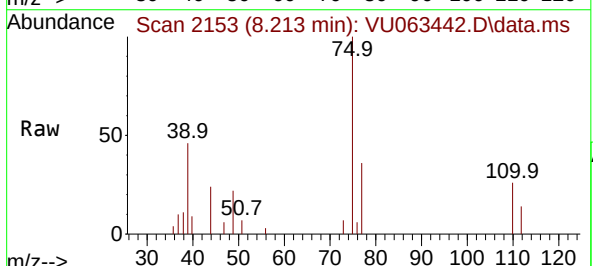
Acq: 24 Jun 2025 17:24

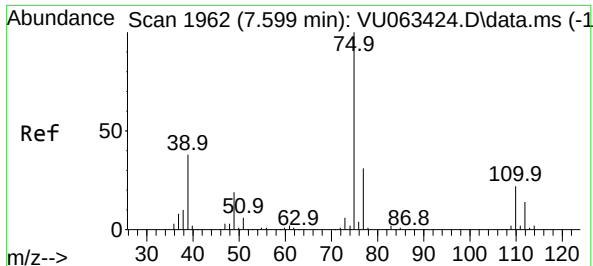
Tgt Ion: 75 Resp: 5784

Ion Ratio Lower Upper

75 100

77 32.2 24.5 36.7





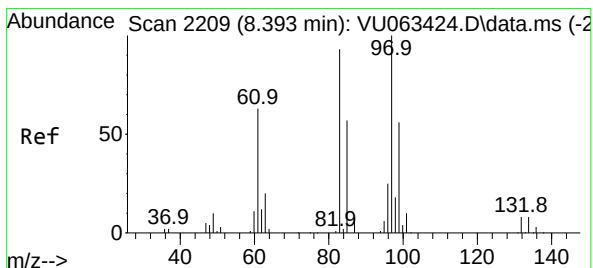
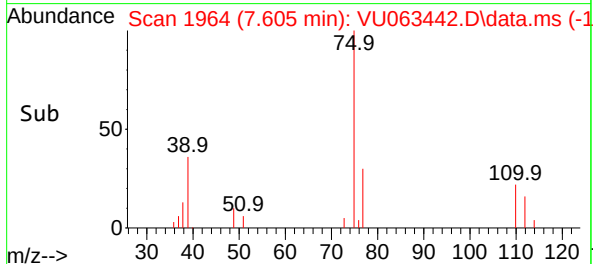
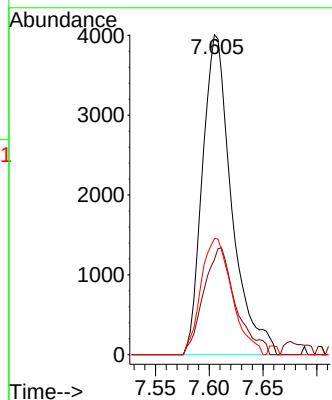
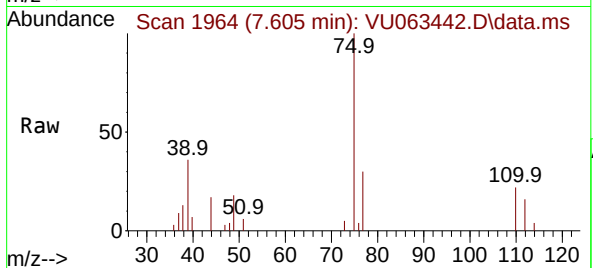
#51
 cis-1,3-Dichloropropene
 Concen: 0.391 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU063442.D
 Acq: 24 Jun 2025 17:24

Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Tgt Ion: 75 Resp: 7544
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.8 37.2
 39 36.3 30.7 46.1

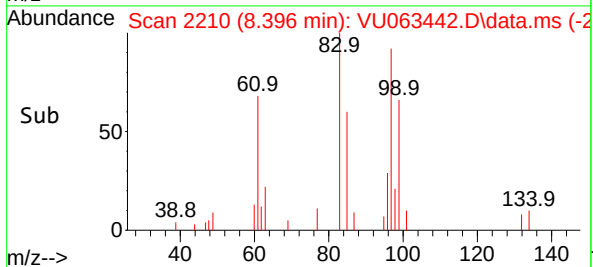
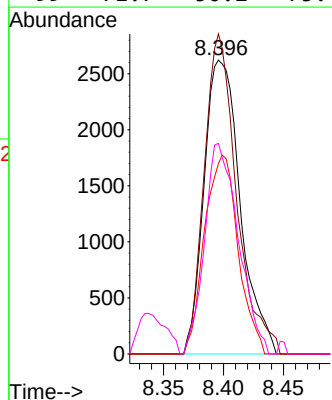
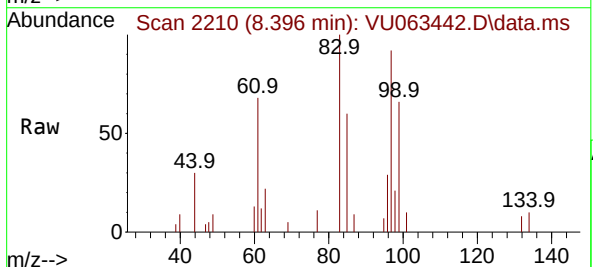
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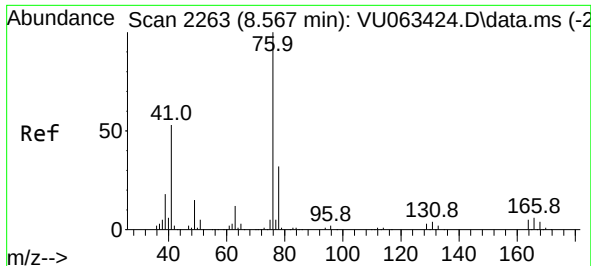
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.461 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063442.D
 Acq: 24 Jun 2025 17:24

Tgt Ion: 97 Resp: 5501
 Ion Ratio Lower Upper
 97 100
 83 108.9 74.1 111.1
 85 64.8 45.8 68.8
 99 71.7 50.2 75.4





#53

1,3-Dichloropropane

Concen: 0.444 ug/l

RT: 8.576 min Scan# 2130

Delta R.T. 0.009 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :

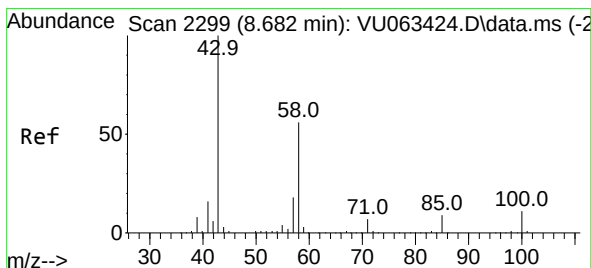
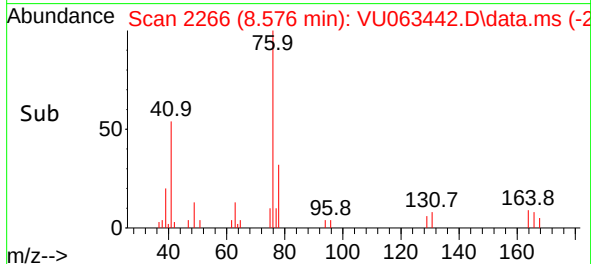
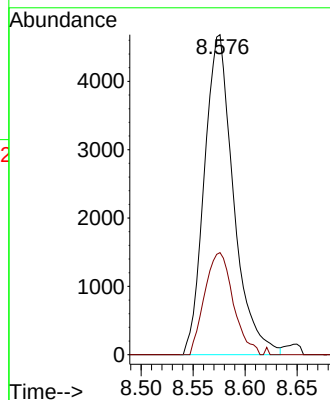
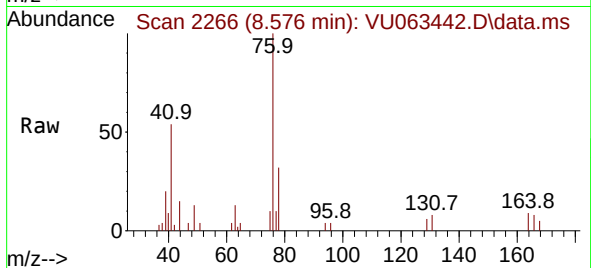
LOQ-WATER-02-QT2-2025

Tgt Ion: 76 Resp: 9130
Ion Ratio Lower Upper
76 100
78 31.2 25.7 38.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#54

2-Hexanone

Concen: 2.250 ug/l

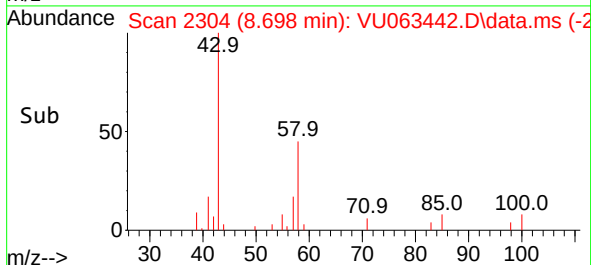
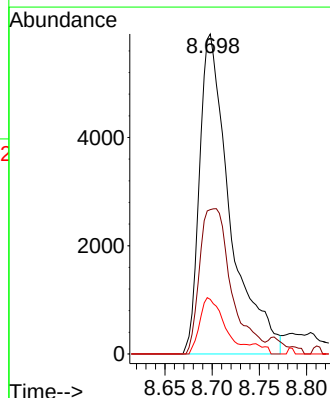
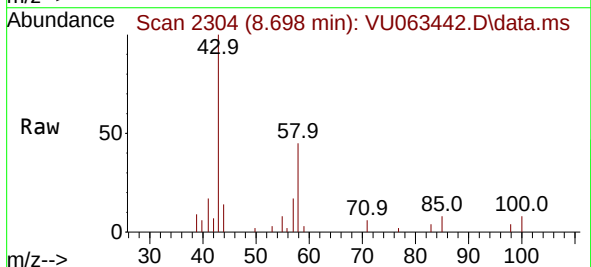
RT: 8.698 min Scan# 2304

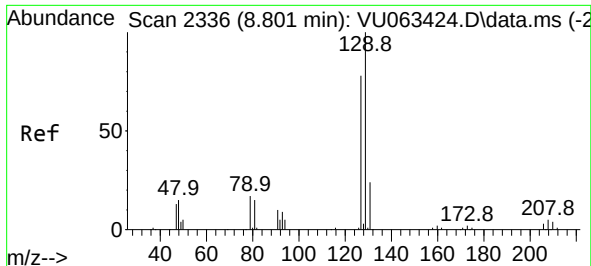
Delta R.T. 0.016 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

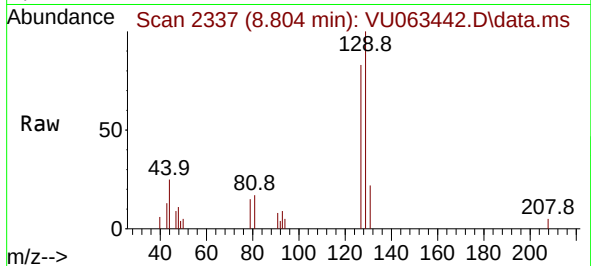
Tgt Ion: 43 Resp: 13235
Ion Ratio Lower Upper
43 100
58 47.2 36.9 76.9
57 14.6 0.0 38.8





#55
Dibromochloromethane
Concen: 0.434 ug/l
RT: 8.804 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

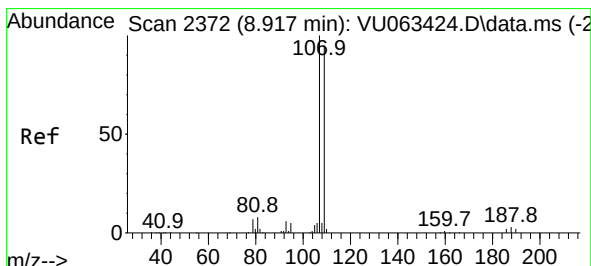
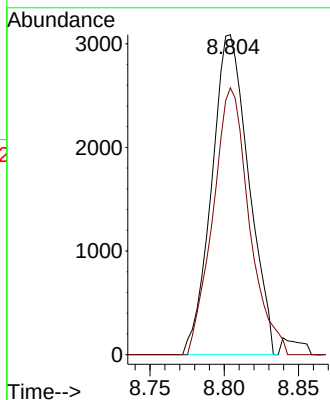
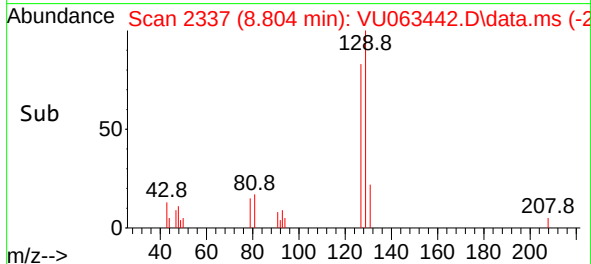
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



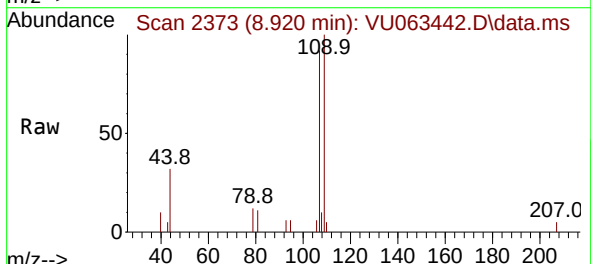
Tgt Ion:129 Resp: 535
Ion Ratio Lower Upper
129 100
127 81.8 62.6 93.8

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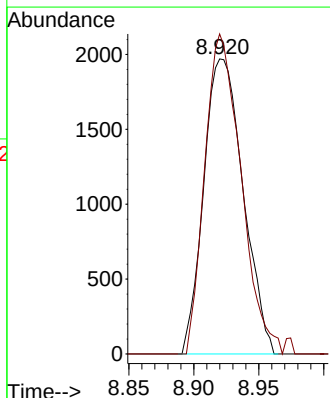
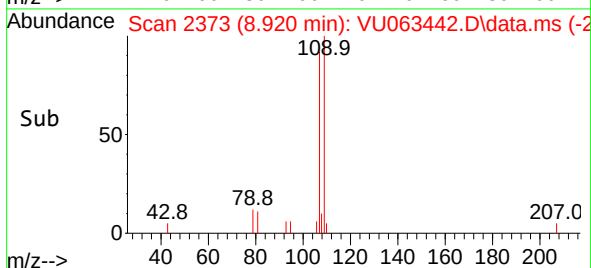
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

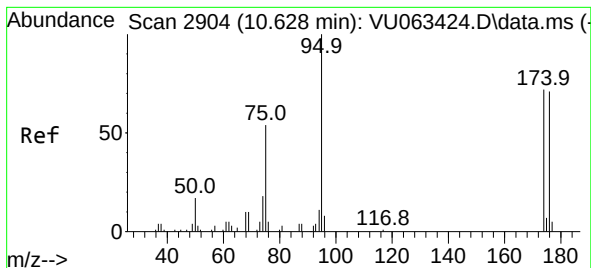


#56
1,2-Dibromoethane
Concen: 0.429 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24



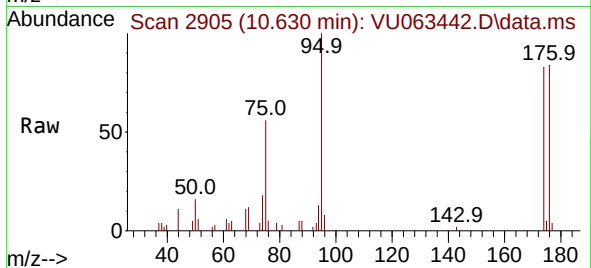
Tgt Ion:107 Resp: 4157
Ion Ratio Lower Upper
107 100
109 100.0 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.794 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.002 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

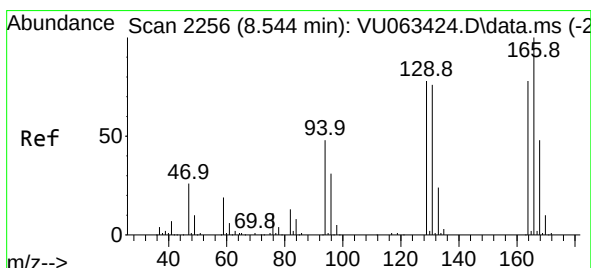
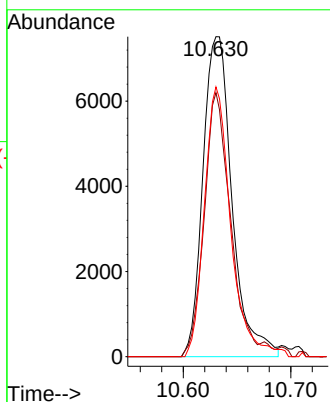
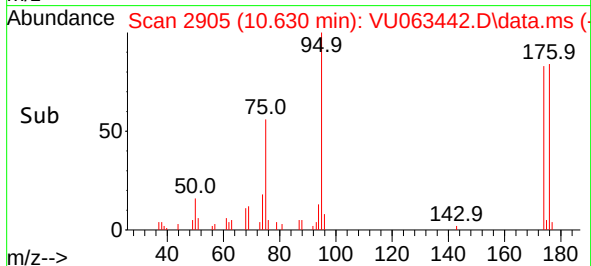
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 95 Resp: 1416
Ion Ratio Lower Upper
95 100
174 75.6 59.4 89.2
176 76.5 57.8 86.6

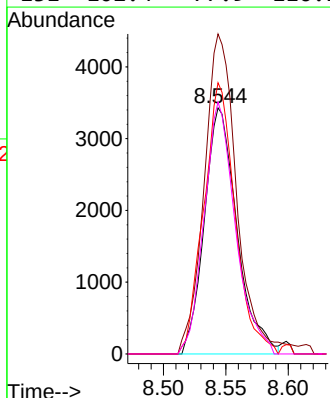
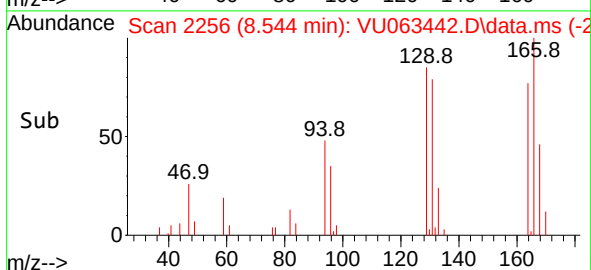
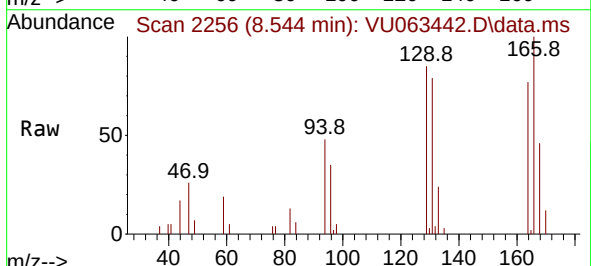
Manual Integrations
APPROVED

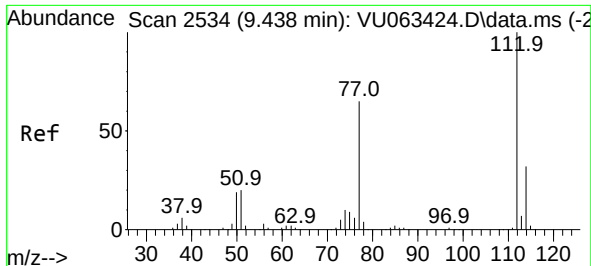
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#58
Tetrachloroethene
Concen: 0.424 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Tgt Ion:164 Resp: 6231
Ion Ratio Lower Upper
164 100
166 130.1 102.8 154.2
129 110.3 80.2 120.2
131 102.4 77.9 116.9





#59

Chlorobenzene

Concen: 0.435 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:112 Resp: 16194

Ion Ratio Lower Upper

112 100

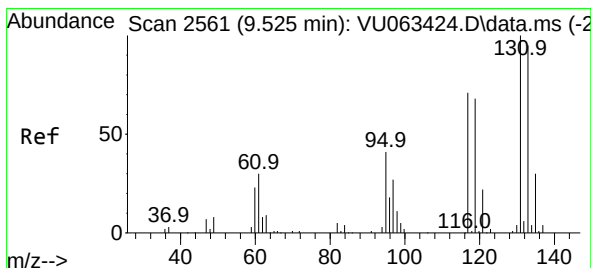
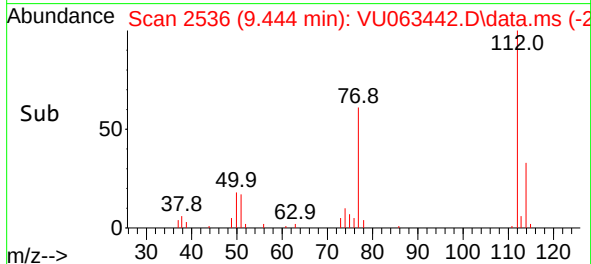
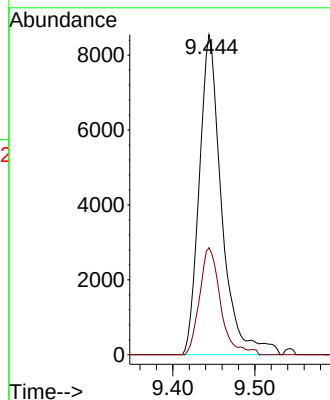
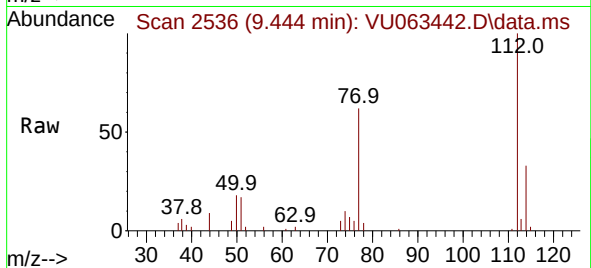
114 33.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 0.456 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.001 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

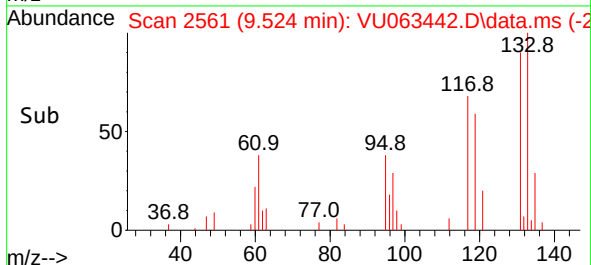
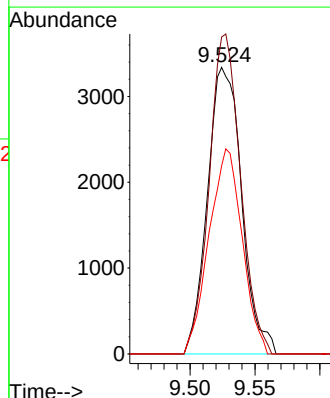
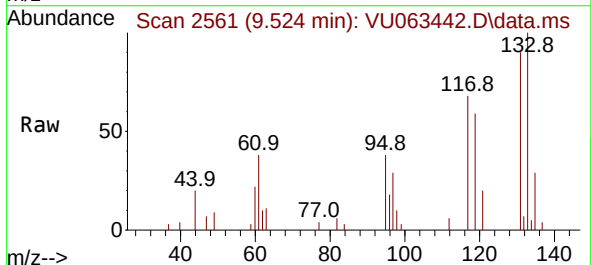
Tgt Ion:131 Resp: 6102

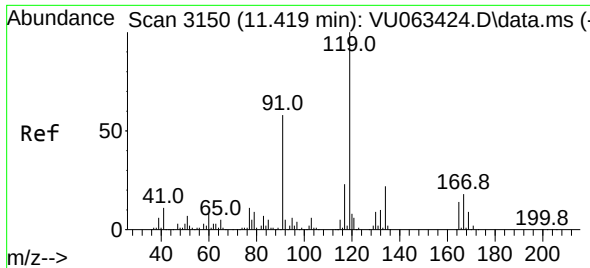
Ion Ratio Lower Upper

131 100

133 102.7 76.1 114.1

119 69.6 53.7 80.5





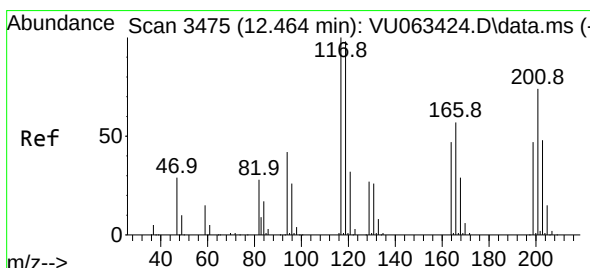
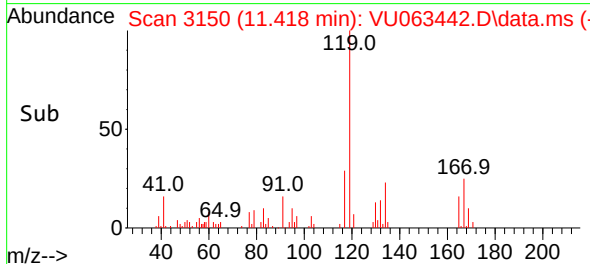
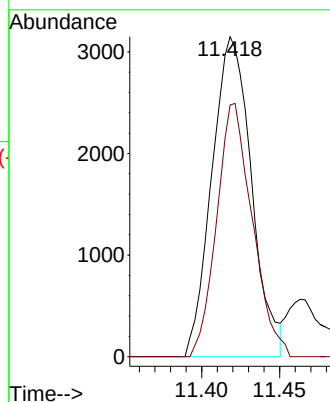
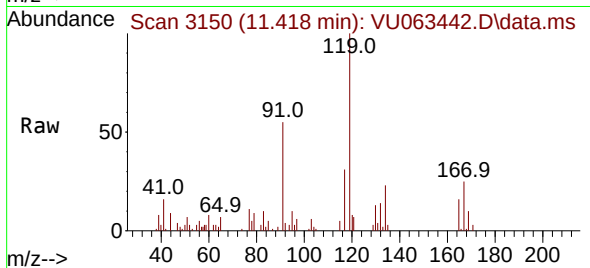
#61
Pentachloroethane
Concen: 0.509 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion:117 Resp: 5554
Ion Ratio Lower Upper
117 100
167 71.4 58.1 87.1

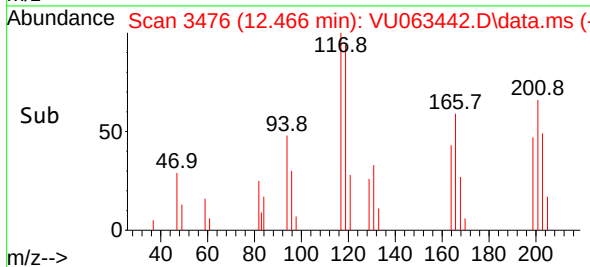
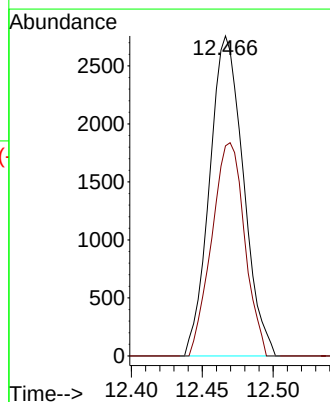
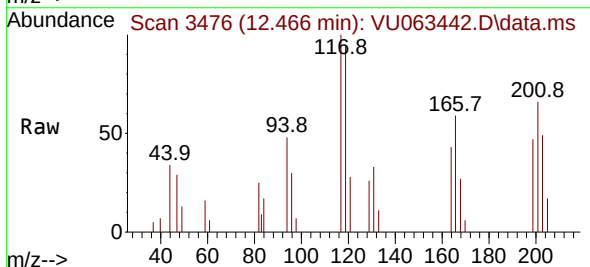
Manual Integrations
APPROVED

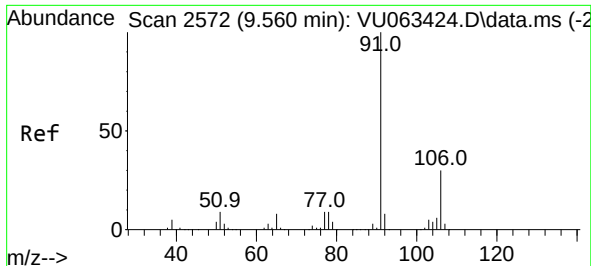
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#62
Hexachloroethane
Concen: 0.466 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Tgt Ion:117 Resp: 4572
Ion Ratio Lower Upper
117 100
201 64.8 60.4 90.6





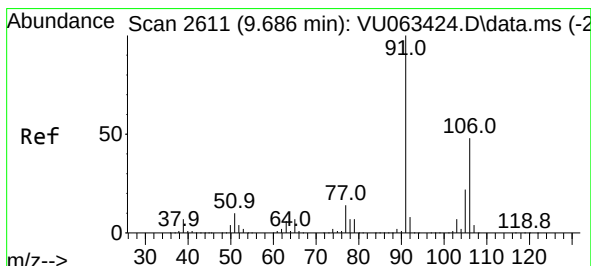
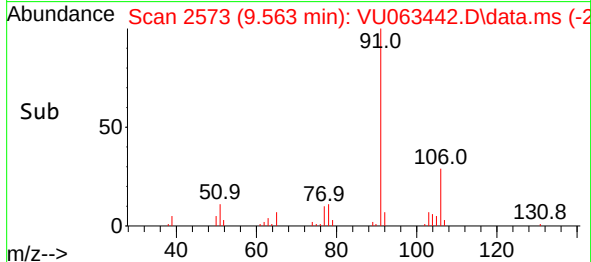
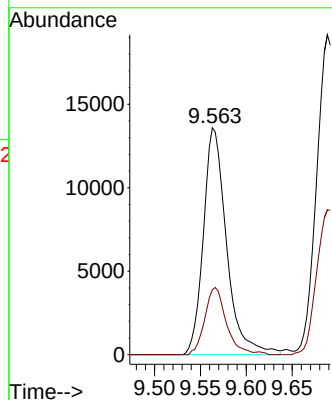
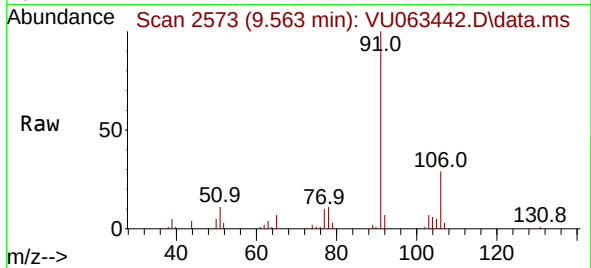
#63
Ethyl Benzene
Concen: 0.401 ug/l
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion: 91 Resp: 23910
Ion Ratio Lower Upper
91 100
106 28.6 24.2 36.2

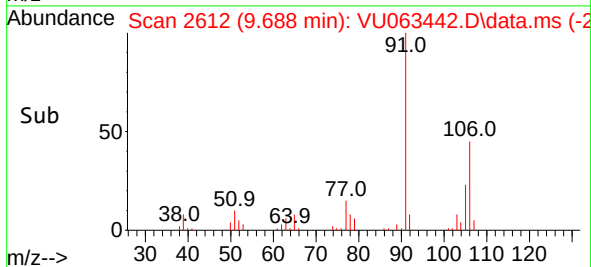
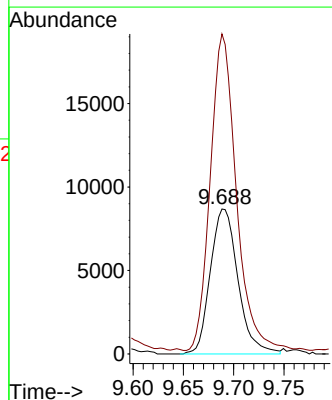
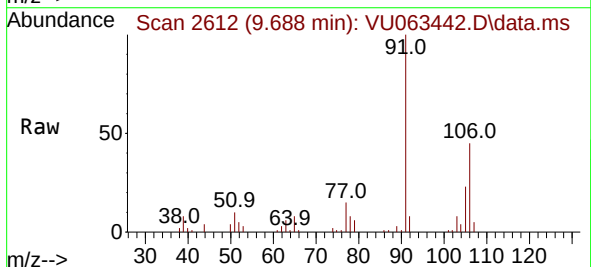
Manual Integrations
APPROVED

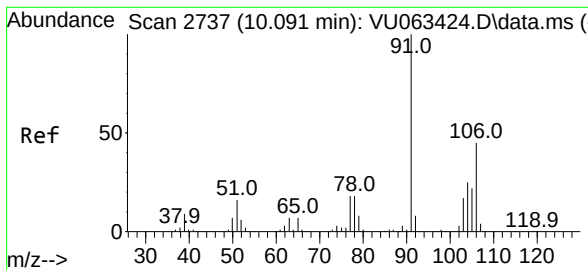
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#64
m/p-Xylenes
Concen: 0.714 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Tgt Ion:106 Resp: 16614
Ion Ratio Lower Upper
106 100
91 207.9 169.9 254.9





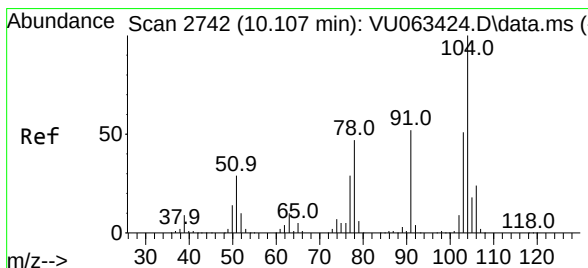
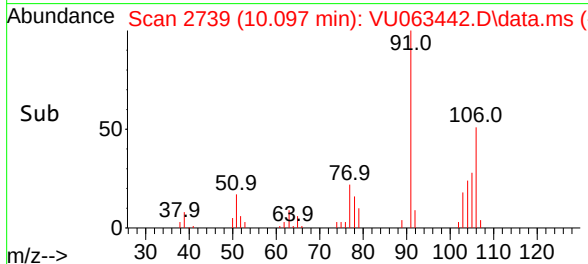
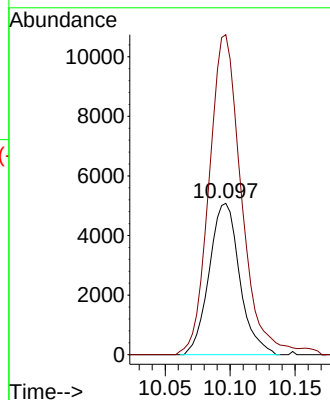
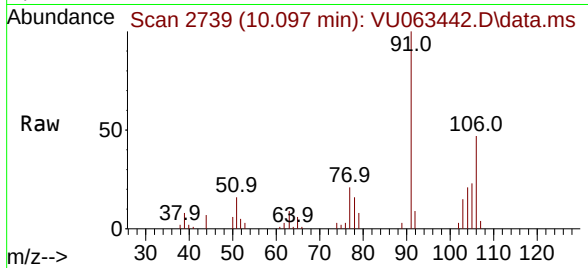
#65
o-Xylene
Concen: 0.366 ug/l
RT: 10.097 min Scan# 2737
Delta R.T. 0.006 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion:106 Resp: 829
Ion Ratio Lower Upper
106 100
91 224.9 110.8 332.3

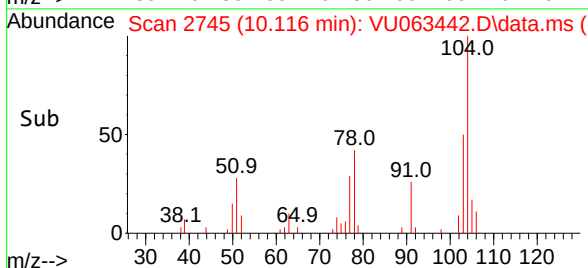
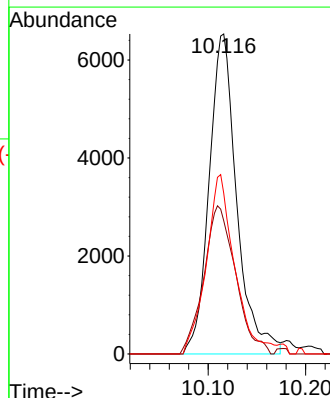
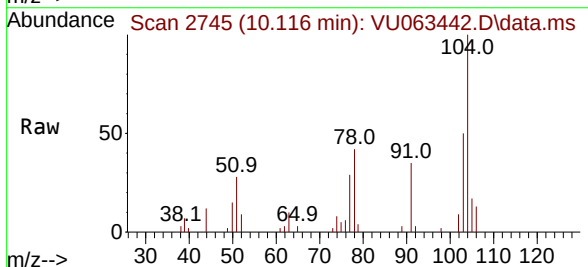
Manual Integrations
APPROVED

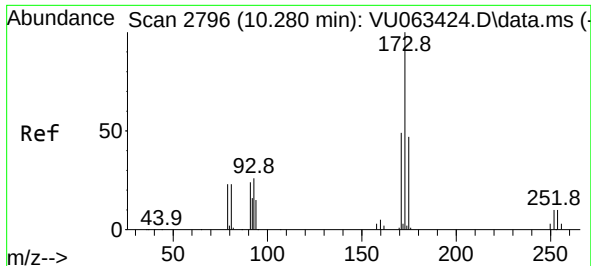
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#66
Styrene
Concen: 0.349 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.009 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

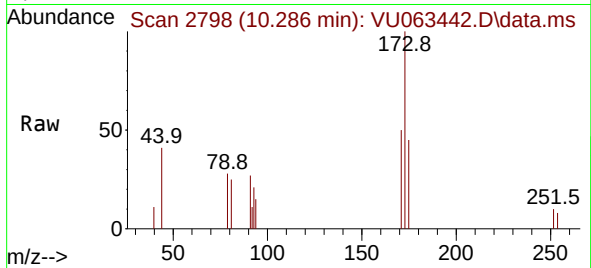
Tgt Ion:104 Resp: 12874
Ion Ratio Lower Upper
104 100
78 53.1 41.6 62.4
103 57.7 44.6 67.0





#67
Bromoform
Concen: 0.446 ug/l
RT: 10.286 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

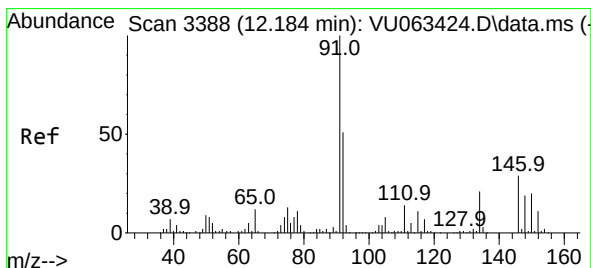
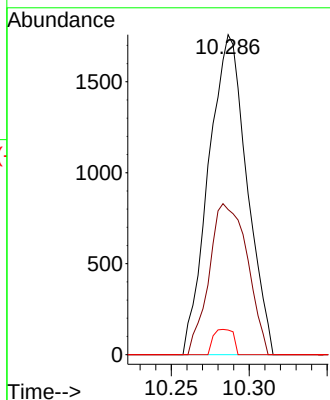
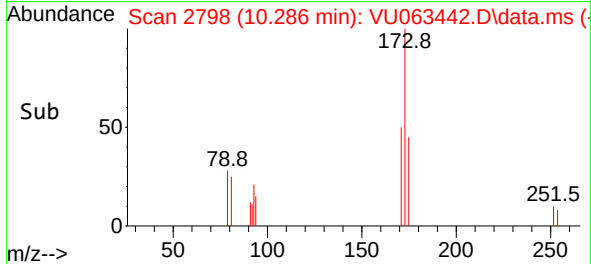
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



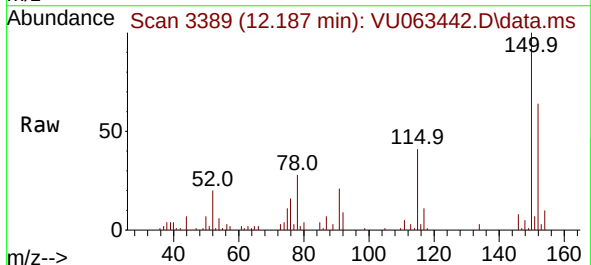
Tgt Ion:173 Resp: 300
Ion Ratio Lower Upper
173 100
175 47.1 38.2 57.2
254 4.1 7.6 11.4

Manual Integrations
APPROVED

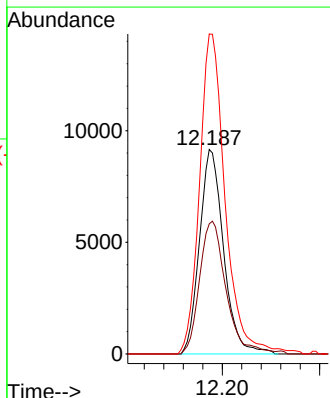
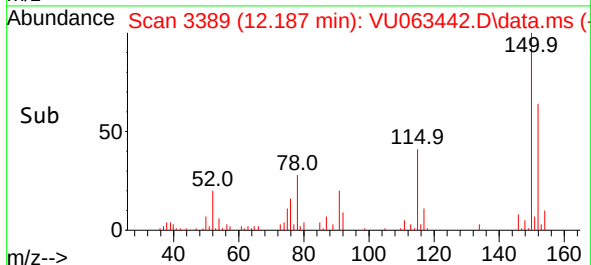
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

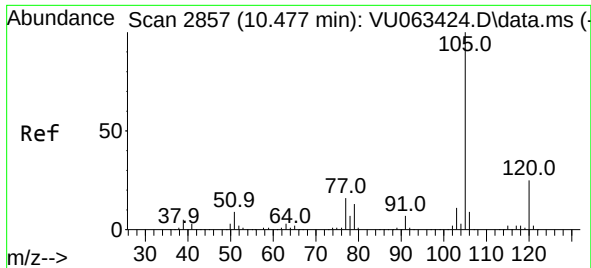


#68
1,2-Dichlorobenzene-d4
Concen: 0.878 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24



Tgt Ion:152 Resp: 15732
Ion Ratio Lower Upper
152 100
115 71.1 0.0 327.6
150 166.7 0.0 664.4





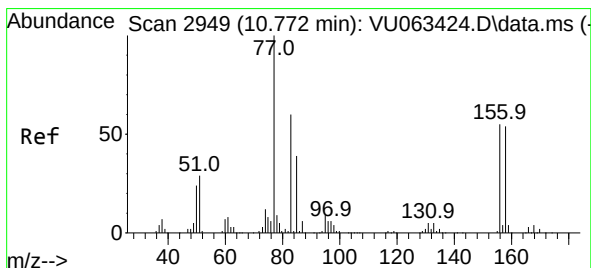
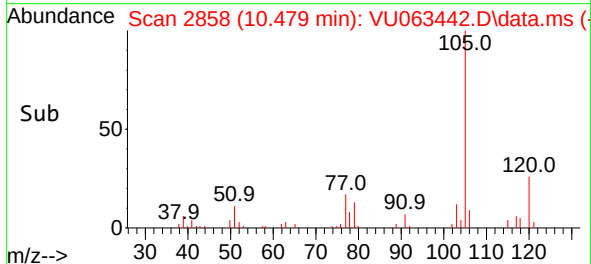
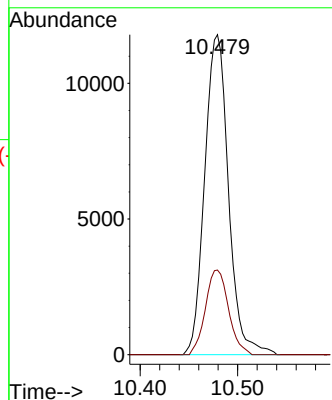
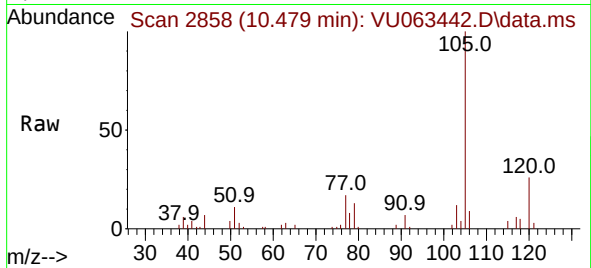
#69
Isopropylbenzene
Concen: 0.381 ug/l
RT: 10.479 min Scan# 21
Delta R.T. 0.002 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion:105 Resp: 2000
Ion Ratio Lower Upper
105 100
120 25.7 12.7 38.1

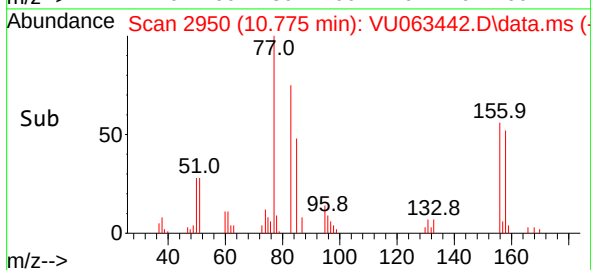
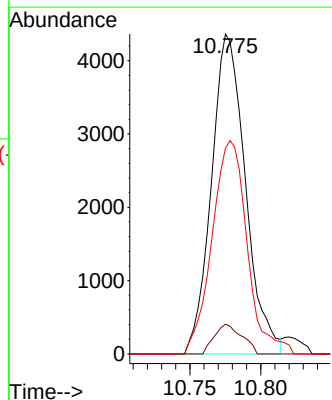
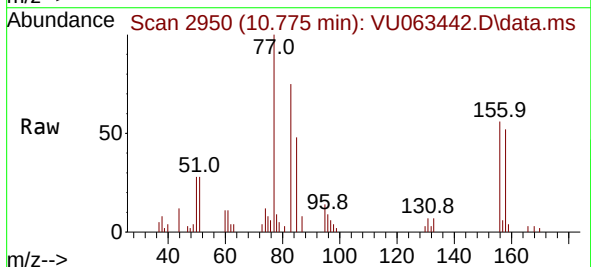
Manual Integrations
APPROVED

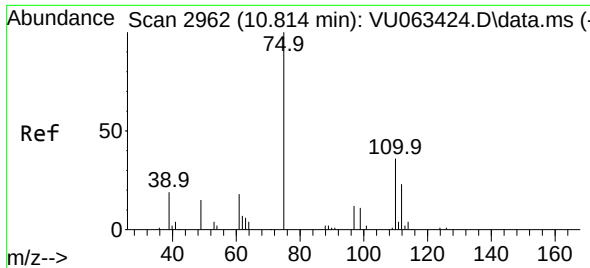
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 0.476 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

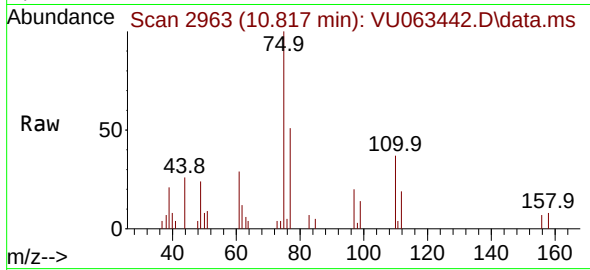
Tgt Ion: 83 Resp: 7269
Ion Ratio Lower Upper
83 100
131 7.5 7.4 11.0
85 68.9 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 0.480 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

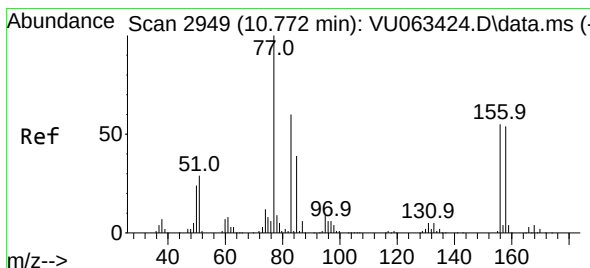
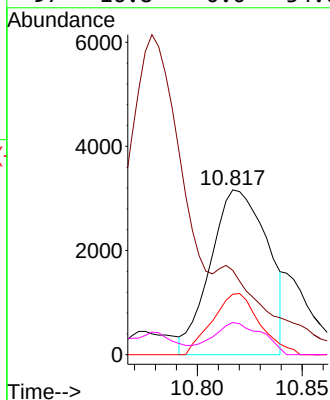
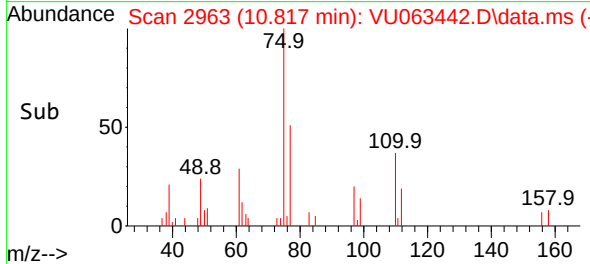
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



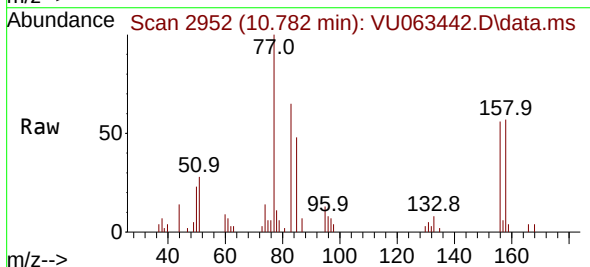
Tgt Ion: 75 Resp: 598
Ion Ratio Lower Upper
75 100
77 29.0 0.0 0.0
110 30.9 0.0 63.4
97 16.8 0.0 34.0

Manual Integrations
APPROVED

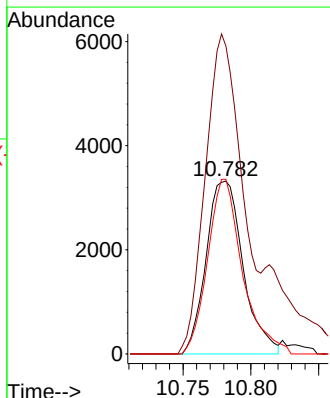
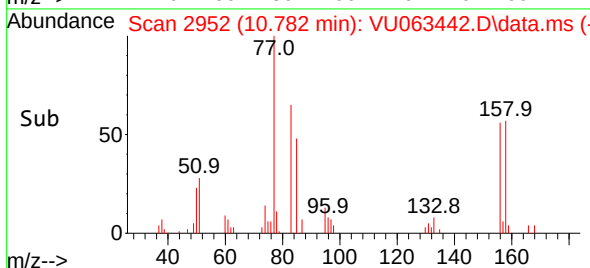
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

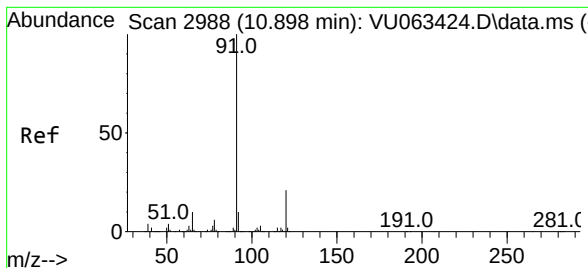


#72
Bromobenzene
Concen: 0.427 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24



Tgt Ion:156 Resp: 6300
Ion Ratio Lower Upper
156 100
77 183.0 0.0 416.2
158 95.1 0.0 190.6





#73

n-propylbenzene

Concen: 0.381 ug/l

RT: 10.900 min Scan# 2988

Delta R.T. 0.002 min

Lab File: VU063442.D

Acq: 24 Jun 2025 17:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:120 Resp: 6062

Ion Ratio Lower Upper

120 100

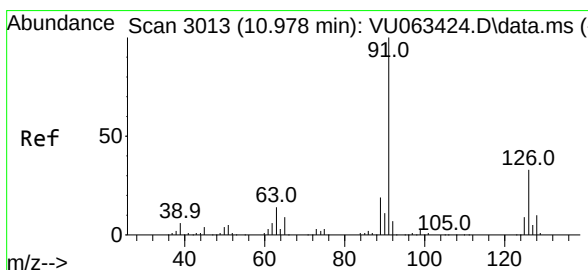
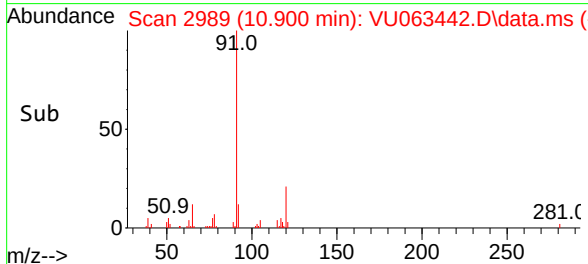
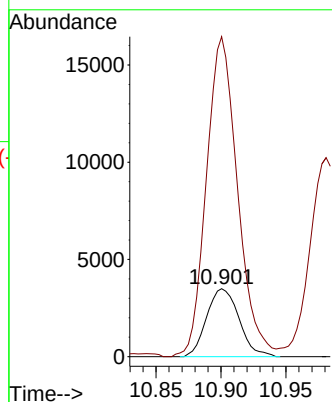
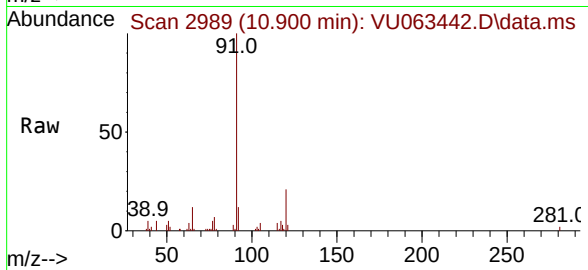
91 452.5 373.7 560.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#74

2-Chlorotoluene

Concen: 0.380 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.003 min

Lab File: VU063442.D

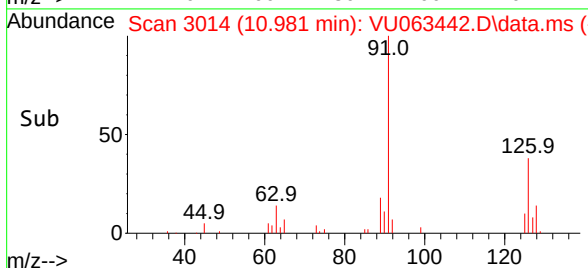
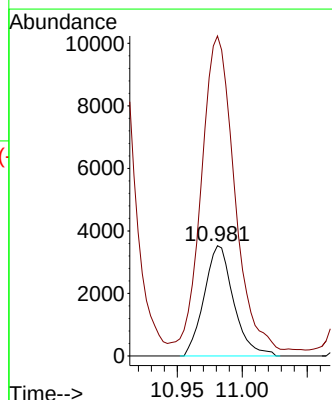
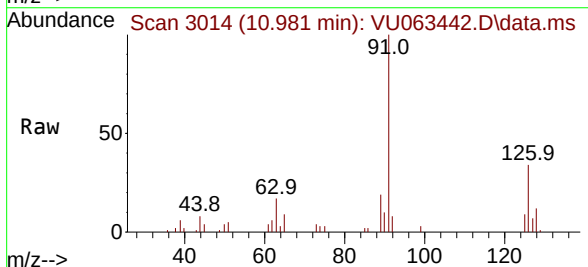
Acq: 24 Jun 2025 17:24

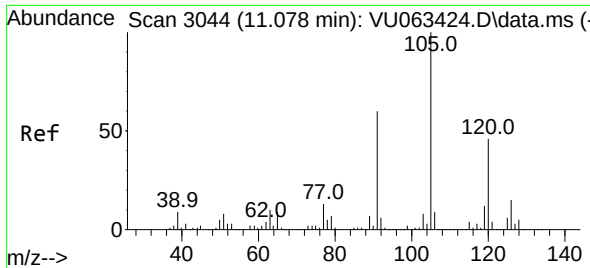
Tgt Ion:126 Resp: 5536

Ion Ratio Lower Upper

126 100

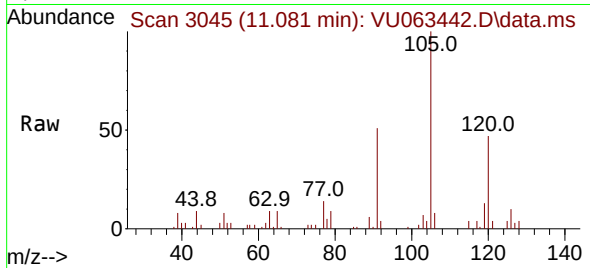
91 320.6 0.0 650.8





#75
1,3,5-Trimethylbenzene
Concen: 0.342 ug/l
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

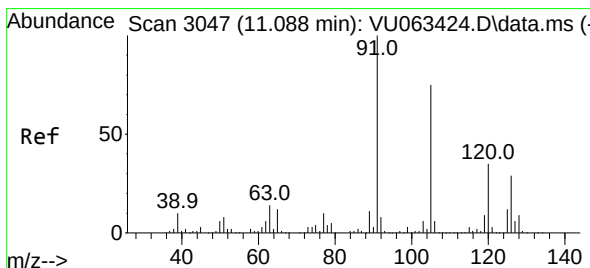
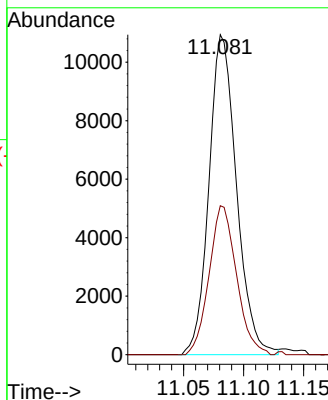
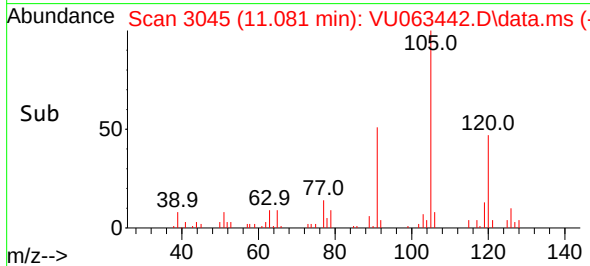
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



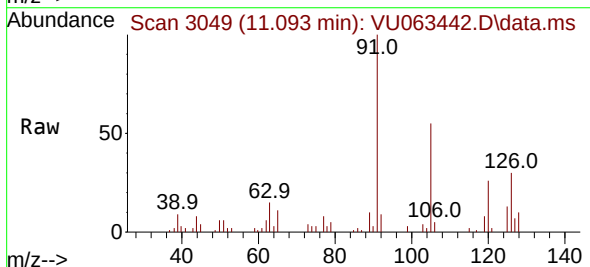
Tgt Ion:105 Resp: 1747
Ion Ratio Lower Upper
105 100
120 46.3 37.0 55.4

Manual Integrations
APPROVED

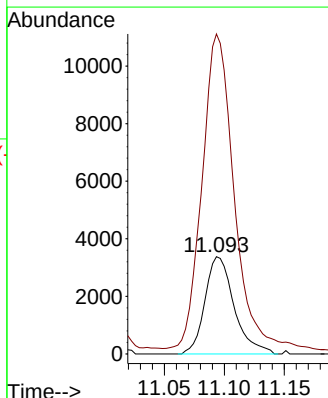
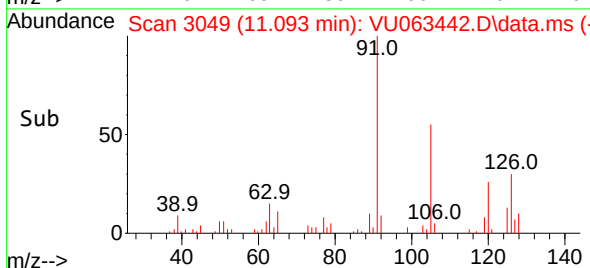
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

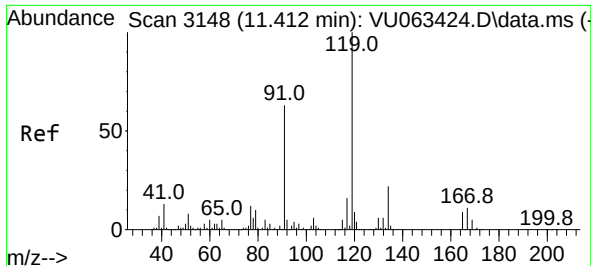


#76
4-Chlorotoluene
Concen: 0.375 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.005 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24



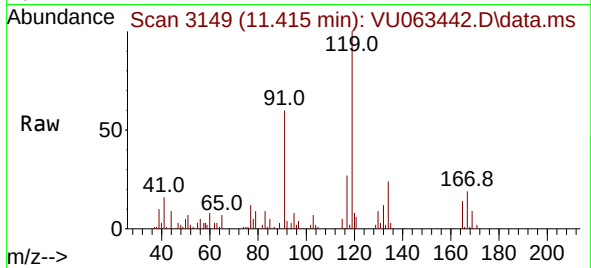
Tgt Ion:126 Resp: 5717
Ion Ratio Lower Upper
126 100
91 363.5 0.0 713.2





#77
tert-Butylbenzene
Concen: 0.387 ug/l
RT: 11.415 min Scan# 3148
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

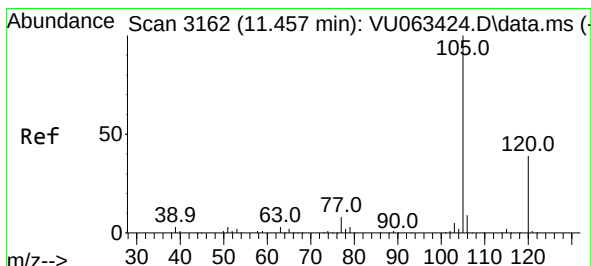
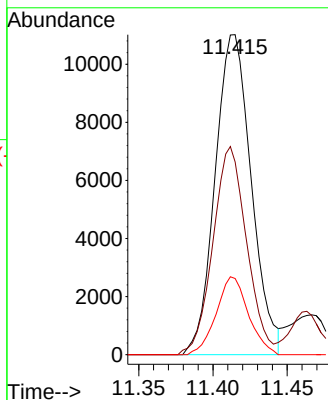
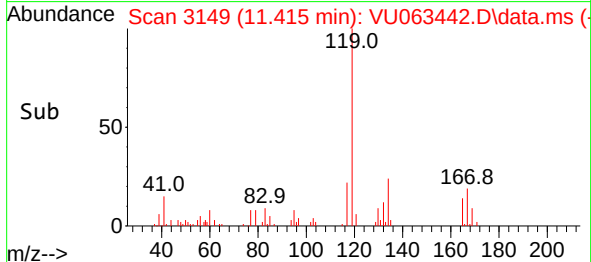
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



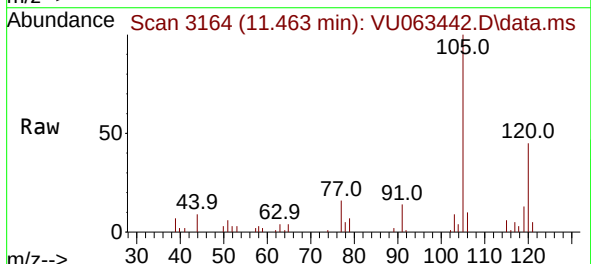
Tgt Ion:119 Resp: 18680
Ion Ratio Lower Upper
119 100
91 60.5 30.9 92.7
134 21.7 17.9 26.9

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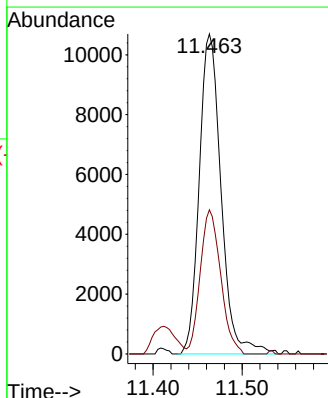
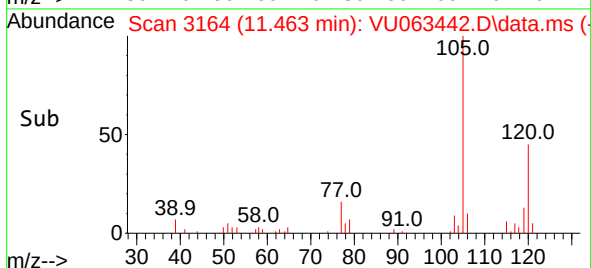
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

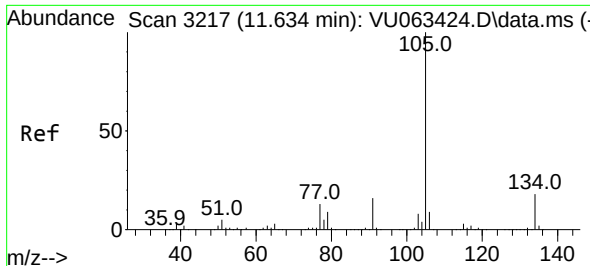


#78
1,2,4-Trimethylbenzene
Concen: 0.354 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24



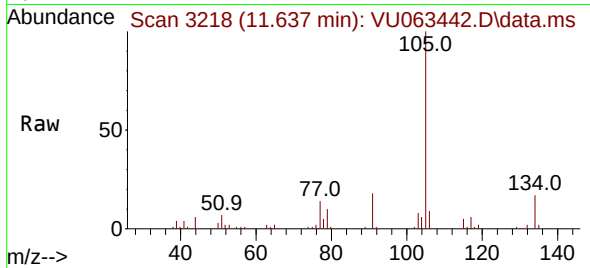
Tgt Ion:105 Resp: 18212
Ion Ratio Lower Upper
105 100
120 42.1 22.1 66.5





#79
 sec-Butylbenzene
 Concen: 0.368 ug/l
 RT: 11.637 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063442.D
 Acq: 24 Jun 2025 17:24

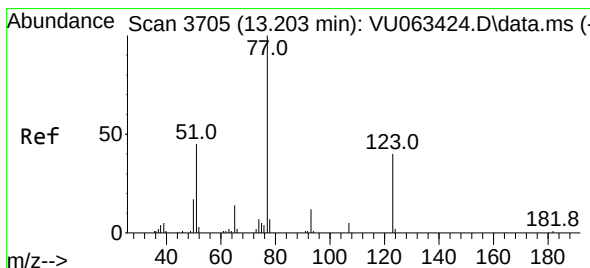
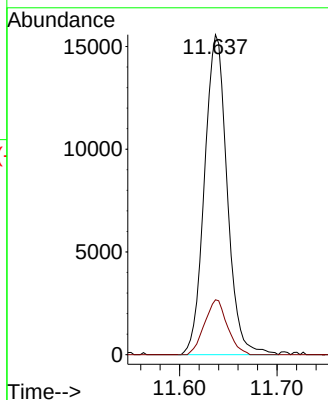
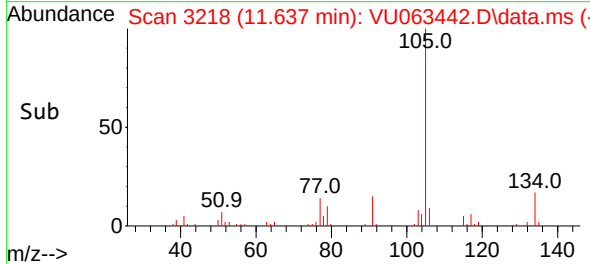
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion:105 Resp: 25138
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.8 22.2

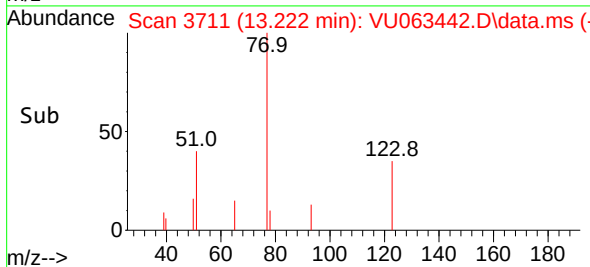
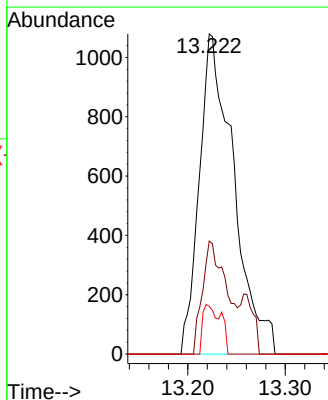
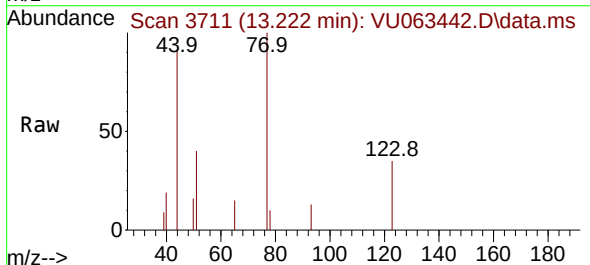
Manual Integrations
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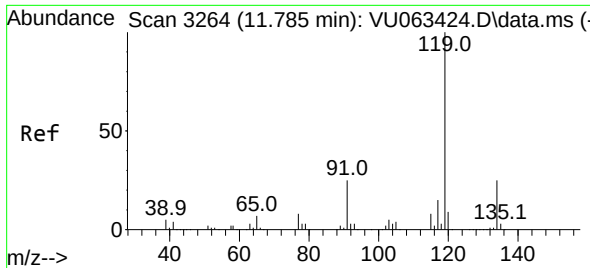
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#80
 Nitrobenzene
 Concen: 3.793 ug/l
 RT: 13.222 min Scan# 3711
 Delta R.T. 0.019 min
 Lab File: VU063442.D
 Acq: 24 Jun 2025 17:24

Tgt Ion: 77 Resp: 2640
 Ion Ratio Lower Upper
 77 100
 123 16.8 19.6 69.6#
 65 8.1 10.6 13.4#





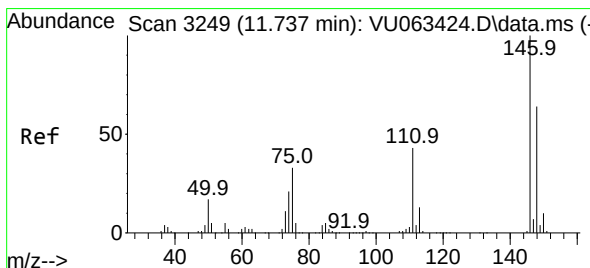
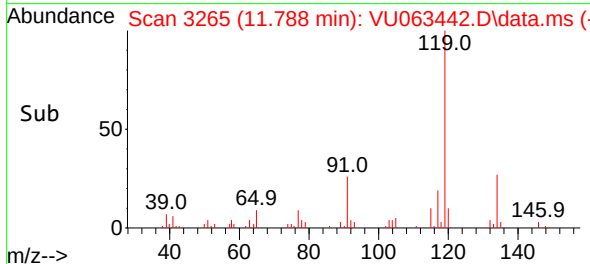
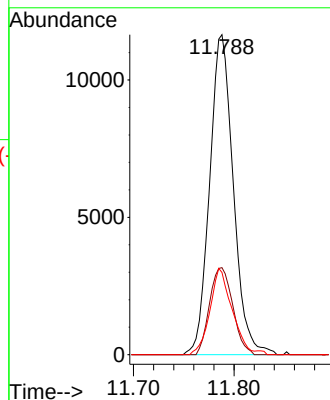
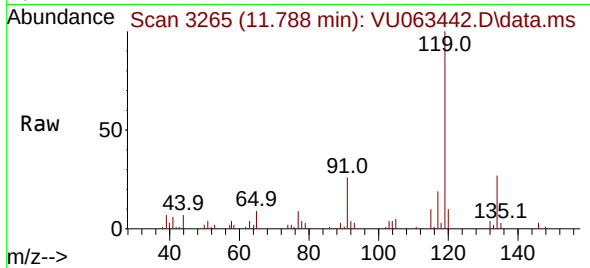
#81
p-Isopropyltoluene
Concen: 0.357 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion:119 Resp: 19080
Ion Ratio Lower Upper
119 100
134 26.5 20.2 30.2
91 25.5 19.7 29.5

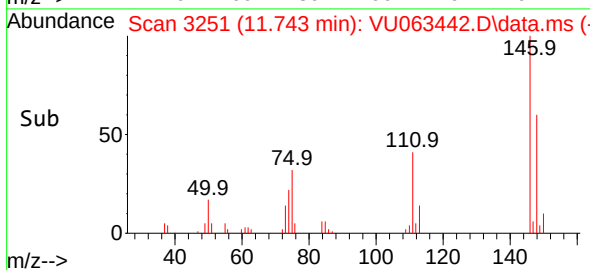
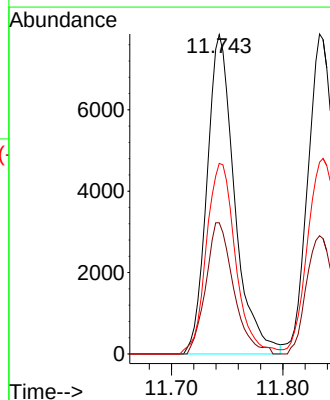
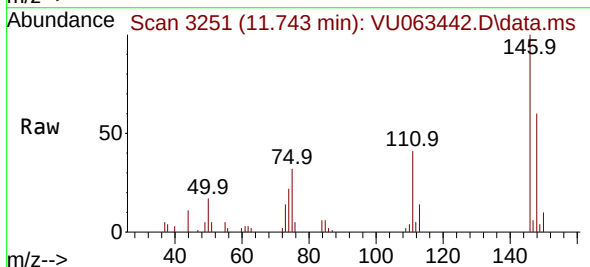
Manual Integrations
APPROVED

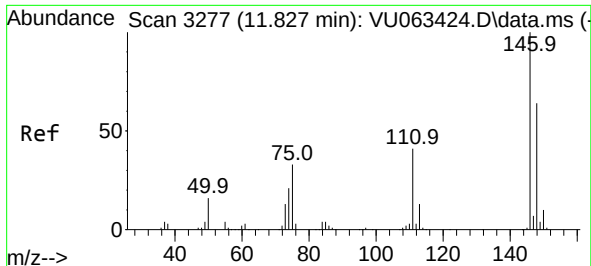
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#82
1,3-Dichlorobenzene
Concen: 0.444 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

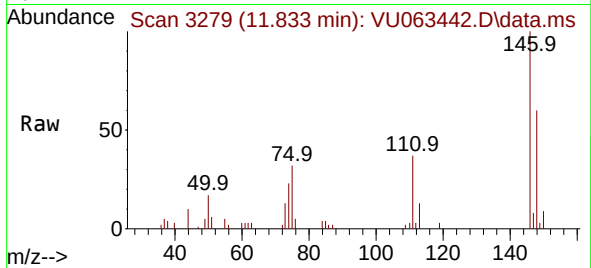
Tgt Ion:146 Resp: 13560
Ion Ratio Lower Upper
146 100
111 41.2 34.3 51.5
148 62.7 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.452 ug/l m
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

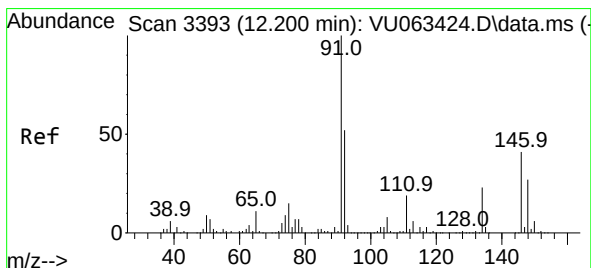
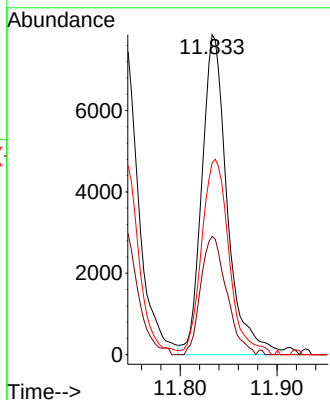
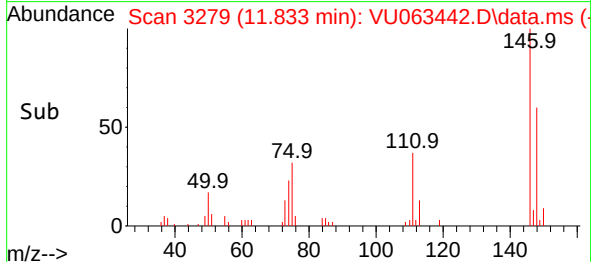
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:146 Resp: 14314
Ion Ratio Lower Upper
146 100
111 37.7 31.7 47.5
148 66.2 51.4 77.0

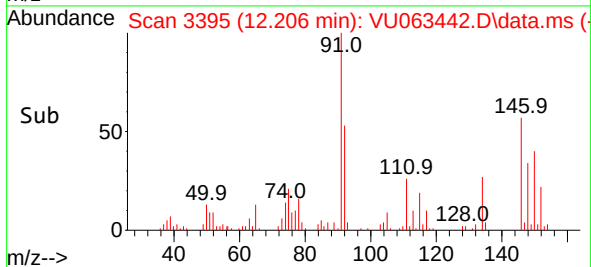
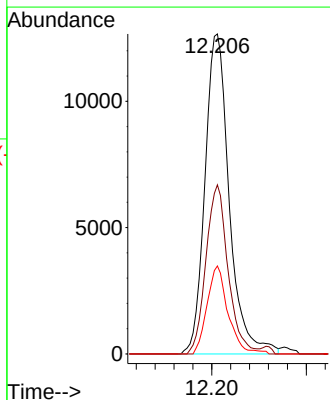
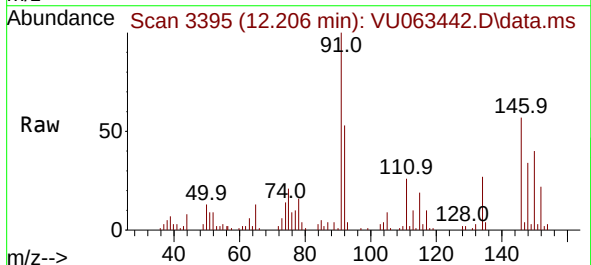
Manual Integrations
APPROVED

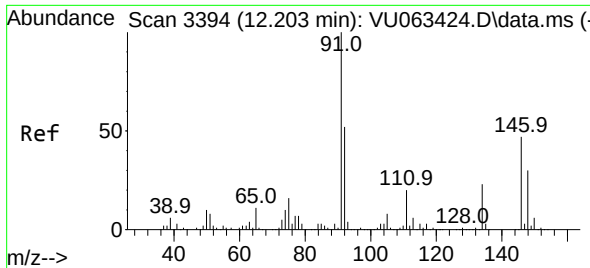
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#84
n-Butylbenzene
Concen: 0.404 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

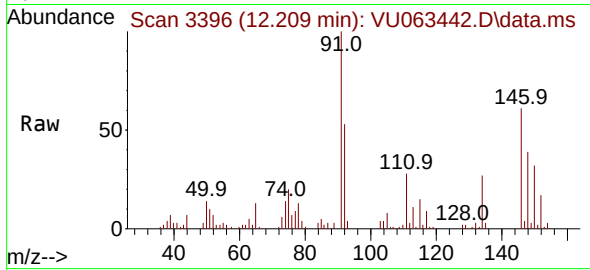
Tgt Ion: 91 Resp: 22579
Ion Ratio Lower Upper
91 100
92 48.1 41.0 61.6
134 23.8 18.5 27.7





#85
1,2-Dichlorobenzene
Concen: 0.462 ug/l
RT: 12.209 min Scan# 3394
Delta R.T. 0.006 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

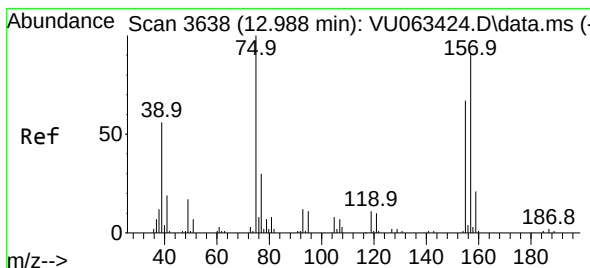
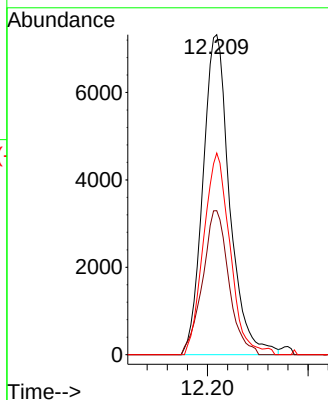
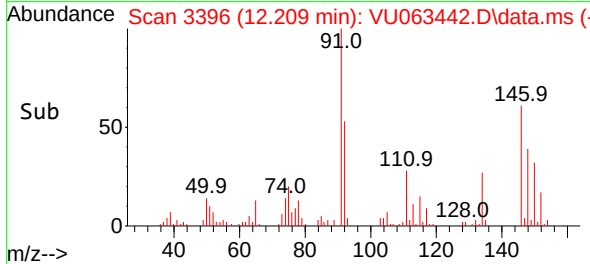
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



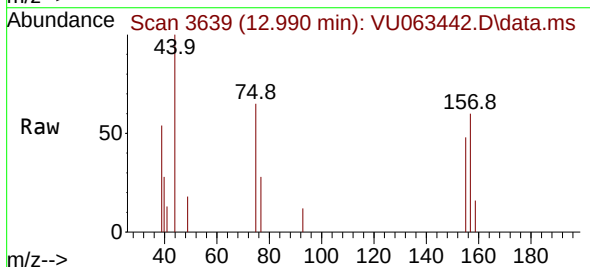
Tgt Ion:146 Resp: 13498
Ion Ratio Lower Upper
146 100
111 44.2 21.8 65.4
148 62.6 32.3 96.9

Manual Integrations
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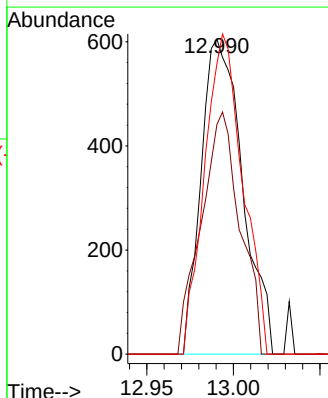
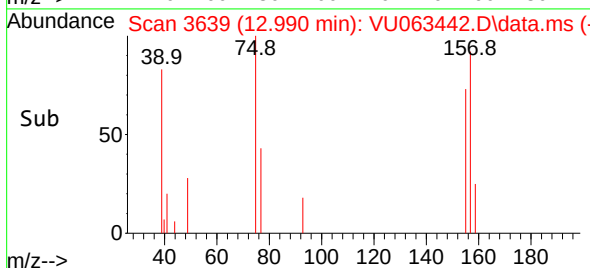
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

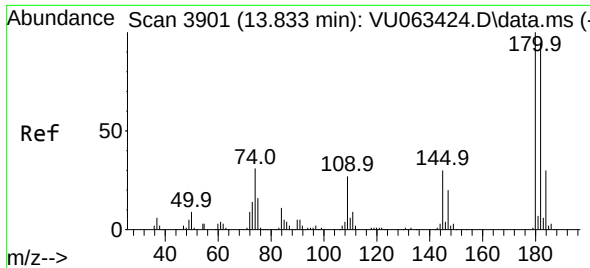


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.480 ug/l
RT: 12.990 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24



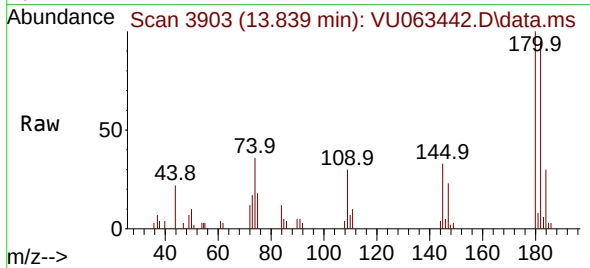
Tgt Ion: 75 Resp: 1009
Ion Ratio Lower Upper
75 100
155 72.2 59.7 89.5
157 93.5 75.0 112.4





#87
1,2,4-Trichlorobenzene
Concen: 0.552 ug/l
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

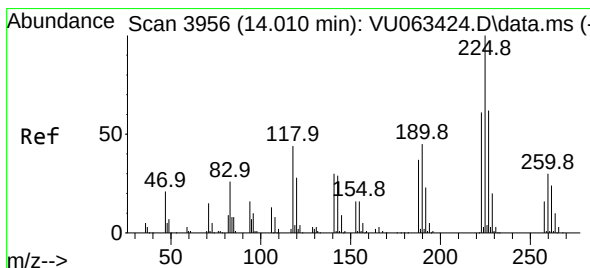
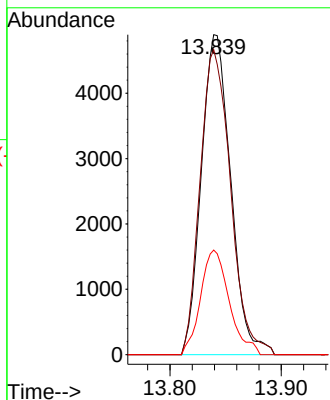
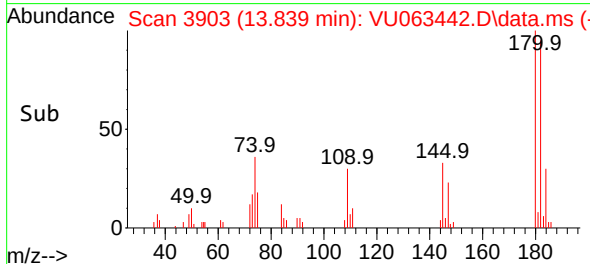
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:180 Resp: 899
Ion Ratio Lower Upper
180 100
182 98.5 75.6 113.4
145 31.9 24.6 36.8

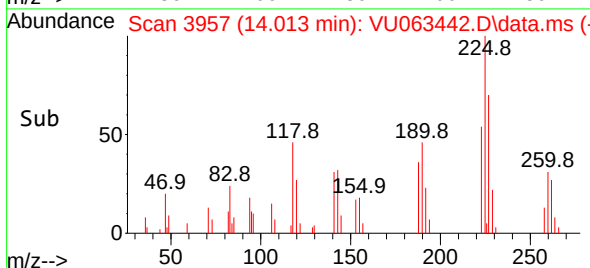
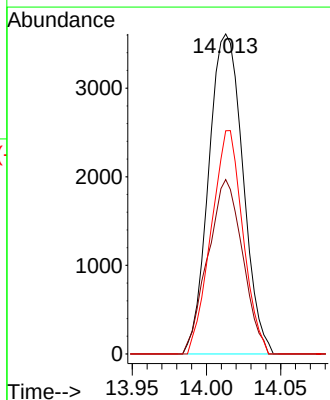
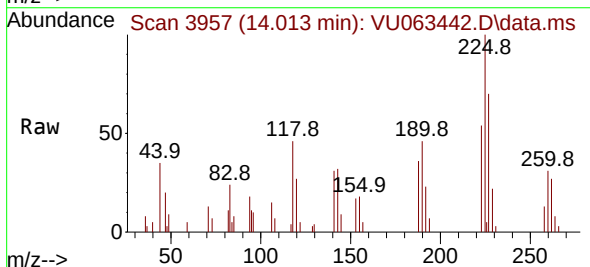
Manual Integrations
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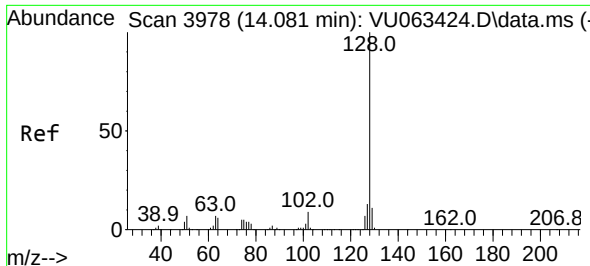
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#88
Hexachlorobutadiene
Concen: 0.502 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

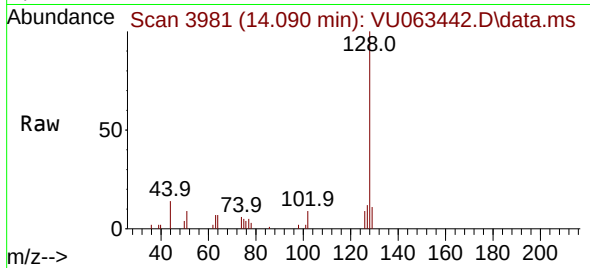
Tgt Ion:225 Resp: 5797
Ion Ratio Lower Upper
225 100
223 55.3 50.0 75.0
227 64.5 51.5 77.3





#89
Naphthalene
Concen: 0.658 ug/l
RT: 14.090 min Scan# 3978
Delta R.T. 0.009 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

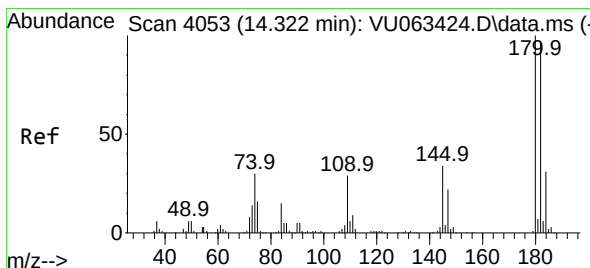
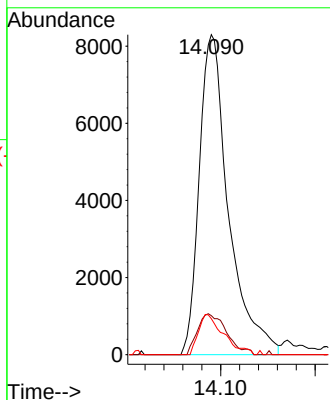
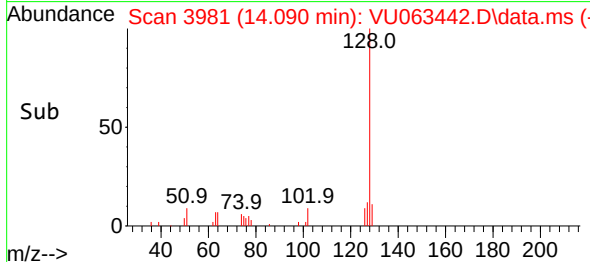
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:128 Resp: 17854
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#90
1,2,3-Trichlorobenzene
Concen: 0.580 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU063442.D
Acq: 24 Jun 2025 17:24

Tgt Ion:180 Resp: 9397
Ion Ratio Lower Upper
180 100
182 90.0 76.7 115.1
145 32.4 27.4 41.2

