

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
 Data File : VU063453.D
 Acq On : 25 Jun 2025 12:01
 Operator : MD/SY
 Sample : Q2126-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

Quant Time: Jun 26 01:54:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 26 01:53:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	48619	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	14882	0.834	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	15734	0.878	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	9987	0.535	ug/l	96
3) Chloromethane	1.518	50	12223	0.497	ug/l	98
4) Vinyl Chloride	1.599	62	11981	0.569	ug/l	97
5) Bromomethane	1.846	94	7269	0.720	ug/l	94
6) Chloroethane	1.927	64	7020	0.563	ug/l	91
7) Trichlorofluoromethane	2.129	101	12450	0.518	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	7126	0.557	ug/l	96
9) 1,1-Dichloroethene	2.570	96	7275	0.570	ug/l	90
10) Iodomethane	2.711	142	4378	0.425	ug/l	93
11) Allyl Chloride	2.911	41	11007	0.484	ug/l	100
12) Acrylonitrile	3.306	53	3907	1.059	ug/l	92
13) Acetone	2.621	43	12706m	3.435	ug/l	
14) Carbon Disulfide	2.775	76	23814	0.535	ug/l	96
15) Methylene Chloride	3.029	84	10159	0.628	ug/l	90
16) trans-1,2-Dichloroethene	3.335	96	7429	0.517	ug/l	90
17) 1,1-Dichloroethane	3.849	63	15525	0.515	ug/l	98
18) 2-Butanone	4.721	43	12943	2.514	ug/l	99
19) Cyclohexane	5.357	56	11467	0.503	ug/l	92
20) Methylcyclohexane	6.743	83	9449	0.446	ug/l	90
21) 2,2-Dichloropropane	4.644	77	11715	0.546	ug/l	96
22) cis-1,2-Dichloroethene	4.647	96	8099	0.517	ug/l	97
23) Diethyl Ether	2.370	59	5929	0.515	ug/l	96
24) tert-Butyl Alcohol	3.203	59	6777	5.585	ug/l	98
25) Methyl tert-Butyl Ether	3.364	73	17471	0.503	ug/l	93
26) Bromochloromethane	4.955	128	3012	0.494	ug/l	88
27) Chloroform	5.074	83	14510	0.513	ug/l	96
28) 1,1,1-Trichloroethane	5.293	97	12065	0.526	ug/l	98
29) 1,1-Dichloropropene	5.505	75	12182	0.582	ug/l	95
30) Carbon Tetrachloride	5.499	117	9095	0.497	ug/l	98
31) Isopropyl Ether	3.997	45	24426m	0.518	ug/l	
32) Ethyl-t-butyl ether	4.509	59	19538	0.489	ug/l	93
33) Tert-Amyl methyl ether	5.949	73	14006	0.490	ug/l	96
34) Propionitrile	4.785	54	4000	2.686	ug/l	# 96
35) Benzene	5.759	78	34514	0.545	ug/l	98
36) 1,2-Dichloroethane	5.785	62	9806	0.529	ug/l	# 95
37) Trichloroethene	6.531	130	8222	0.549	ug/l	86
38) 1,2-Dichloropropane	6.788	63	9231	0.528	ug/l	97
39) Methacrylonitrile	4.968	41	3187m	0.514	ug/l	
40) Methyl acrylate	4.853	55	4914	0.565	ug/l	# 89
41) Tetrahydrofuran	5.068	42	3604	1.081	ug/l	96
42) 1-Chlorobutane	5.438	56	16172m	0.544	ug/l	
43) Dibromomethane	6.914	93	4157	0.509	ug/l	98
44) Bromodichloromethane	7.100	83	10188	0.512	ug/l	100

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

Quant Time: Jun 26 01:54:02 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 26 01:53:14 2025
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Manual Integrations APPROVED

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 Supervised By :Semsettin Yesilyurt 06/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.804	43	20182	2.300	ug/l	95
46) t-1,4-Dichloro-2-butene	10.830	75	2969m	1.029	ug/l	
47) Methyl methacrylate	6.978	69	5531	0.873	ug/l	90
48) Ethyl methacrylate	8.341	69	5054	0.446	ug/l	95
49) Toluene	7.965	92	15601	0.449	ug/l	94
50) t-1,3-Dichloropropene	8.213	75	6690	0.466	ug/l	94
51) cis-1,3-Dichloropropene	7.605	75	9094	0.472	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	6242	0.522	ug/l	92
53) 1,3-Dichloropropane	8.569	76	10394	0.506	ug/l	97
54) 2-Hexanone	8.698	43	14638	2.487	ug/l	90
55) Dibromochloromethane	8.804	129	6077	0.493	ug/l	97
56) 1,2-Dibromoethane	8.923	107	4814	0.497	ug/l	98
58) Tetrachloroethene	8.547	164	6958	0.474	ug/l	89
59) Chlorobenzene	9.444	112	18077	0.485	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.524	131	7184	0.536	ug/l	96
61) Pentachloroethane	11.418	117	5929	0.543	ug/l	92
62) Hexachloroethane	12.466	117	4619	0.470	ug/l	99
63) Ethyl Benzene	9.563	91	25834	0.433	ug/l	98
64) m/p-Xylenes	9.688	106	18914	0.812	ug/l	97
65) o-Xylene	10.094	106	8920	0.393	ug/l	95
66) Styrene	10.113	104	14948	0.405	ug/l	98
67) Bromoform	10.286	173	2818	0.418	ug/l #	99
69) Isopropylbenzene	10.476	105	22024	0.419	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	8076	0.528	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	6700m	0.537	ug/l	
72) Bromobenzene	10.775	156	6685	0.453	ug/l	90
73) n-propylbenzene	10.901	120	6497	0.408	ug/l	87
74) 2-Chlorotoluene	10.981	126	6216	0.426	ug/l	84
75) 1,3,5-Trimethylbenzene	11.081	105	20036	0.392	ug/l	98
76) 4-Chlorotoluene	11.097	126	6257	0.410	ug/l	99
77) tert-Butylbenzene	11.412	119	21175	0.439	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	20892	0.406	ug/l	95
79) sec-Butylbenzene	11.637	105	28718	0.420	ug/l	99
80) Nitrobenzene	13.225	77	2126m	3.053	ug/l	
81) p-Isopropyltoluene	11.788	119	21741	0.407	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	15204	0.498	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	15779m	0.498	ug/l	
84) n-Butylbenzene	12.203	91	25842	0.462	ug/l	93
85) 1,2-Dichlorobenzene	12.209	146	14500	0.496	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1210	0.576	ug/l #	89
87) 1,2,4-Trichlorobenzene	13.839	180	9081	0.557	ug/l	96
88) Hexachlorobutadiene	14.013	225	6257	0.541	ug/l	97
89) Naphthalene	14.090	128	18365	0.676	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	9420	0.581	ug/l	98

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

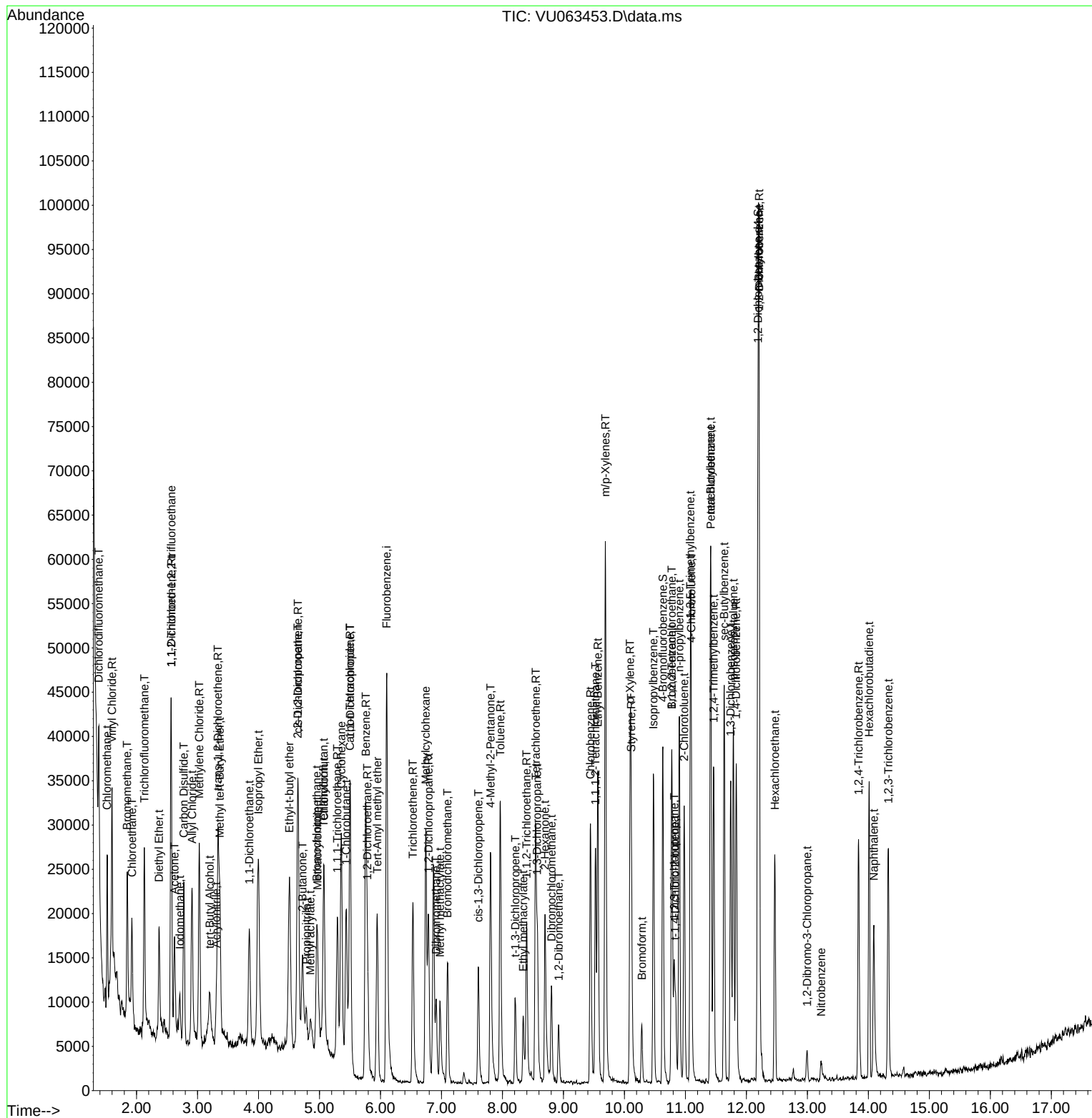
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
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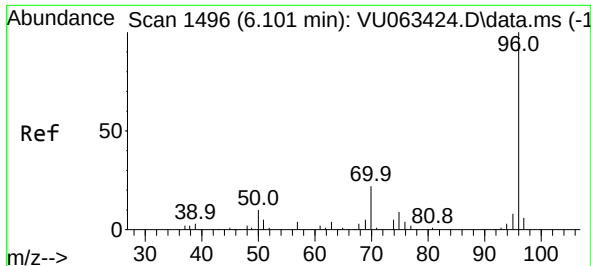
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025

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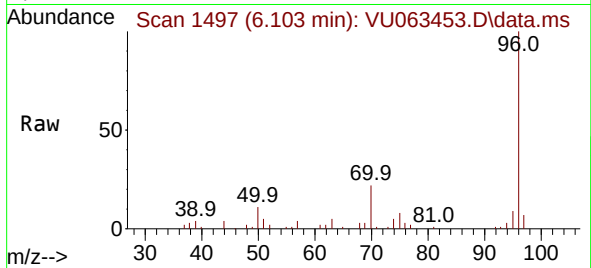
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1496
Delta R.T. 0.002 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

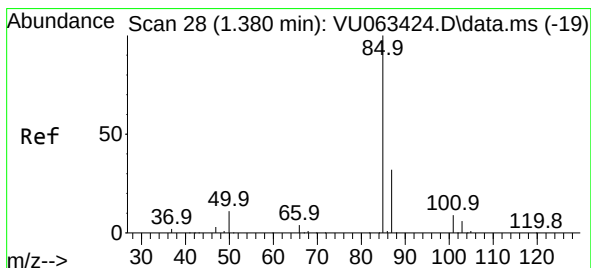
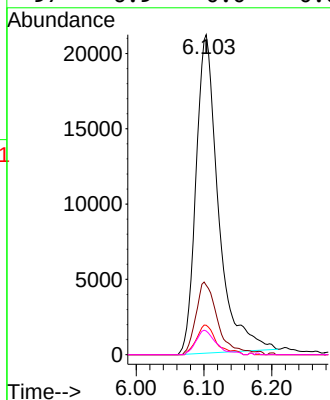
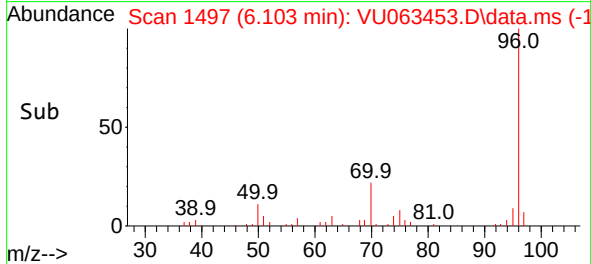
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 96 Resp: 48619
Ion Ratio Lower Upper
96 100
70 20.8 16.4 24.6
95 8.3 6.2 9.2
97 6.9 0.0 0.0#

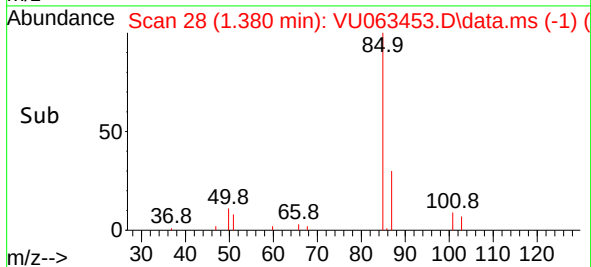
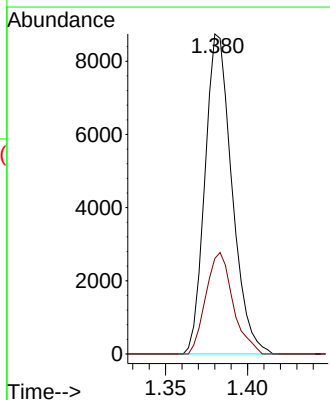
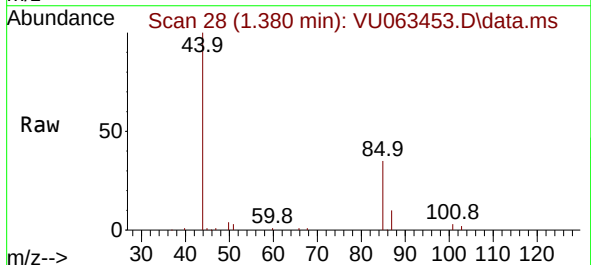
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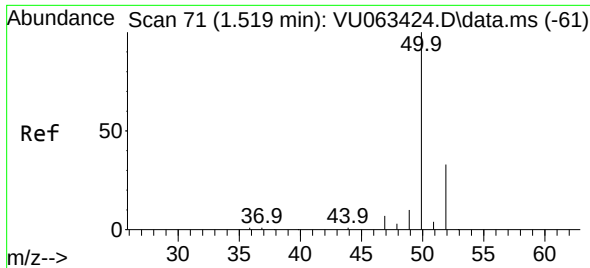
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#2
Dichlorodifluoromethane
Concen: 0.535 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

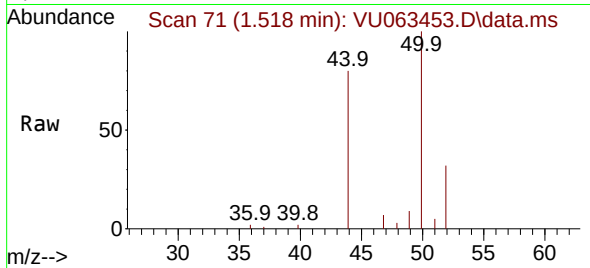
Tgt Ion: 85 Resp: 9987
Ion Ratio Lower Upper
85 100
87 29.9 16.2 48.5





#3
Chloromethane
Concen: 0.497 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

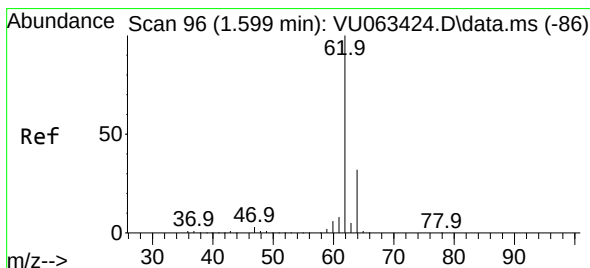
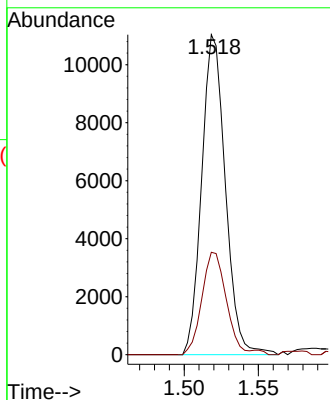
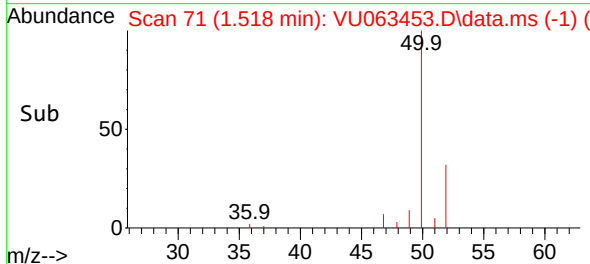
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ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 50 Resp: 1222
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0

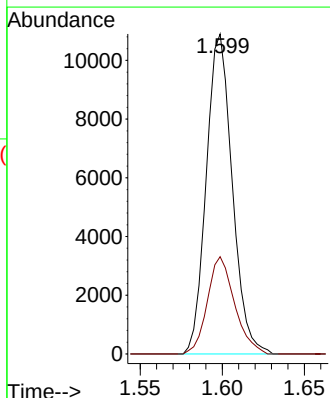
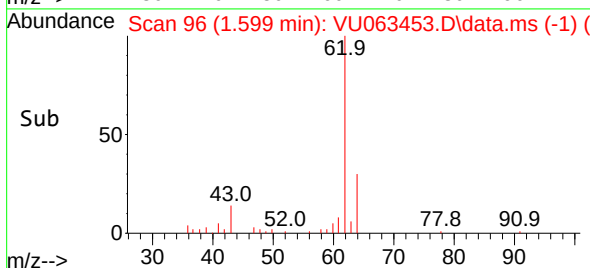
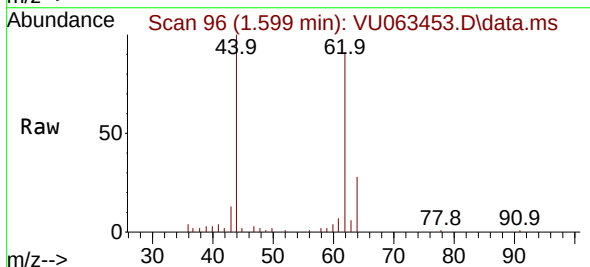
Manual Integrations
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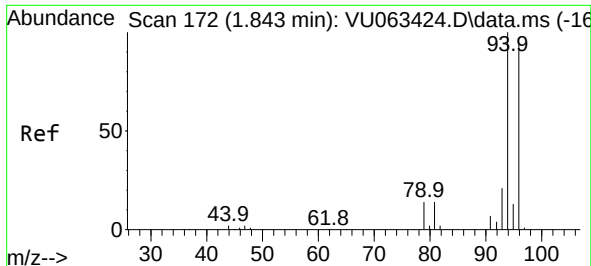
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#4
Vinyl Chloride
Concen: 0.569 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

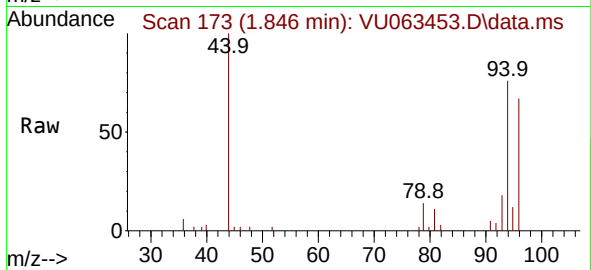
Tgt Ion: 62 Resp: 11981
Ion Ratio Lower Upper
62 100
64 30.4 25.7 38.5





#5
Bromomethane
Concen: 0.720 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

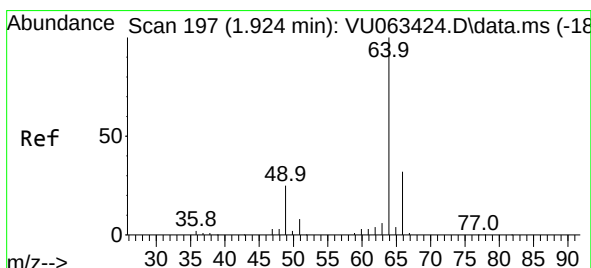
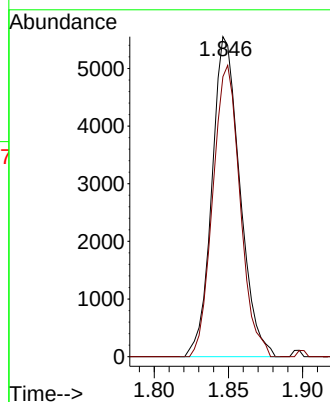
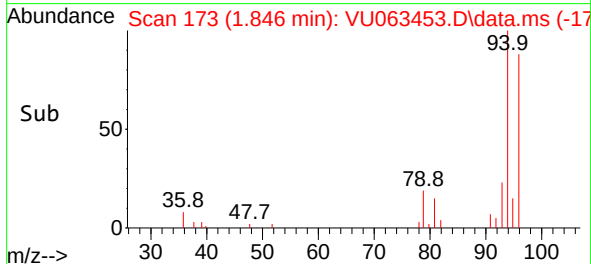
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 94 Resp: 7269
Ion Ratio Lower Upper
94 100
96 87.5 74.8 112.2

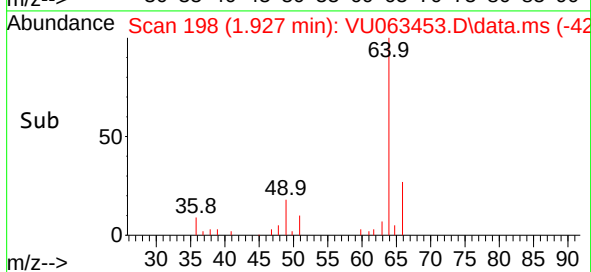
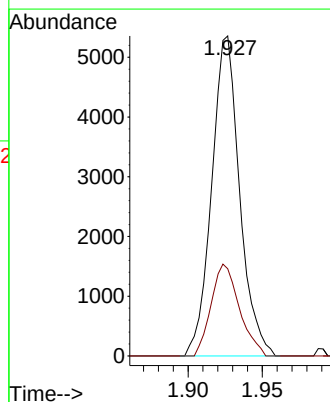
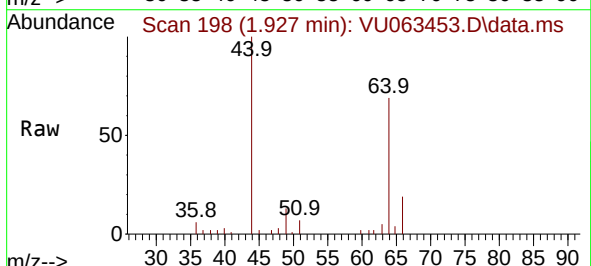
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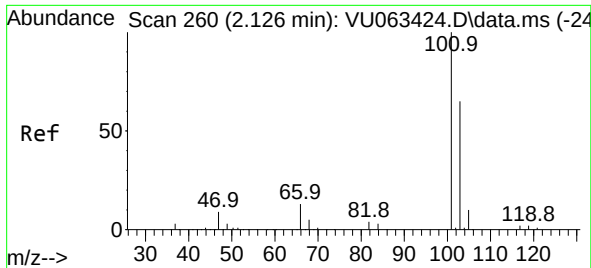
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#6
Chloroethane
Concen: 0.563 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

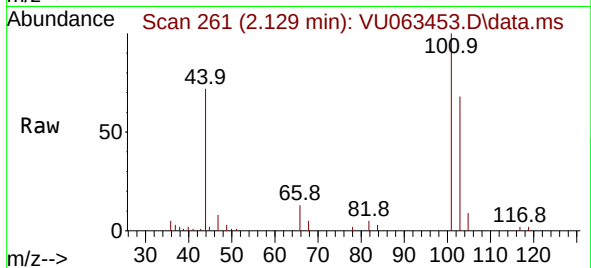
Tgt Ion: 64 Resp: 7020
Ion Ratio Lower Upper
64 100
66 27.3 25.7 38.5





#7
Trichlorofluoromethane
Concen: 0.518 ug/l
RT: 2.129 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

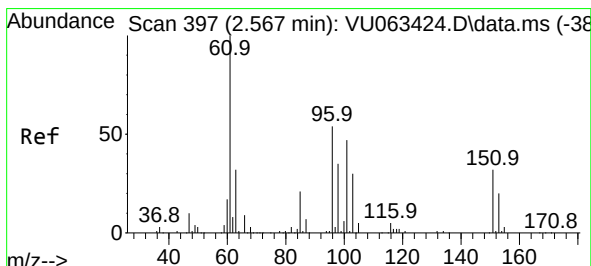
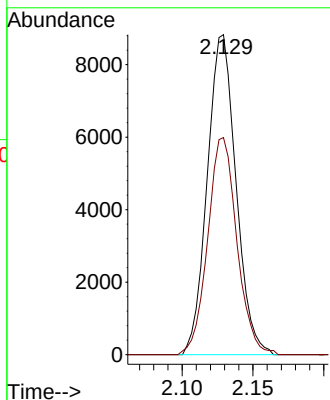
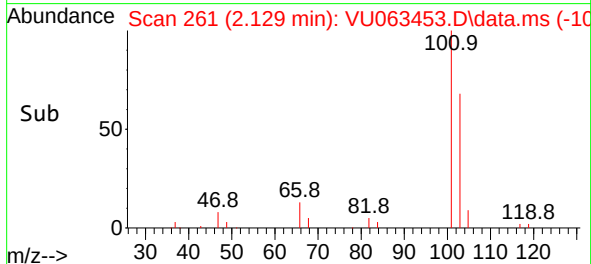
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:101 Resp: 12450
Ion Ratio Lower Upper
101 100
103 67.8 52.3 78.5

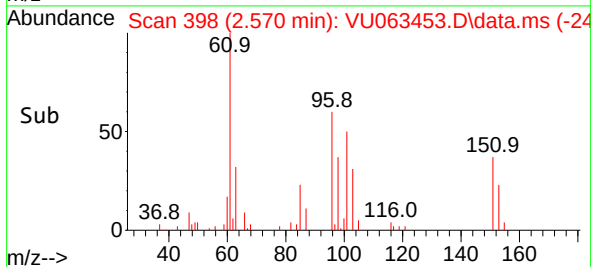
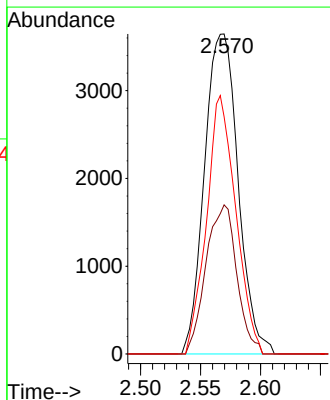
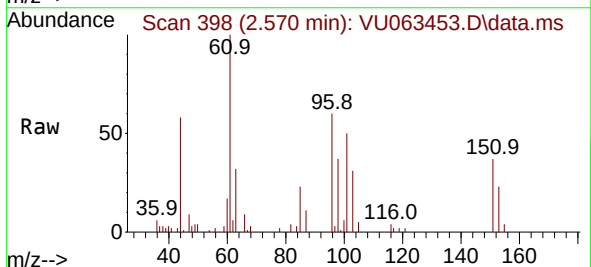
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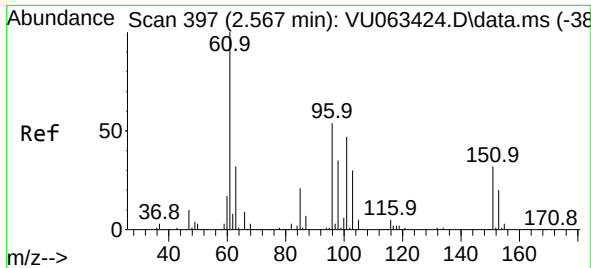
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.557 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

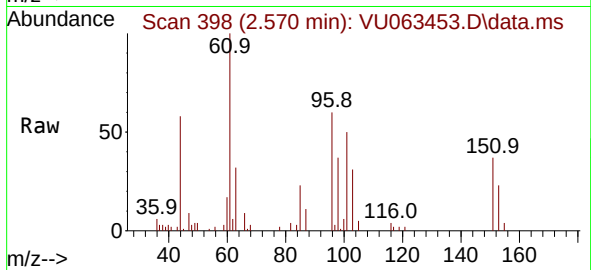
Tgt Ion:101 Resp: 7126
Ion Ratio Lower Upper
101 100
85 42.6 36.7 55.1
151 70.2 53.9 80.9





#9
1,1-Dichloroethene
Concen: 0.570 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

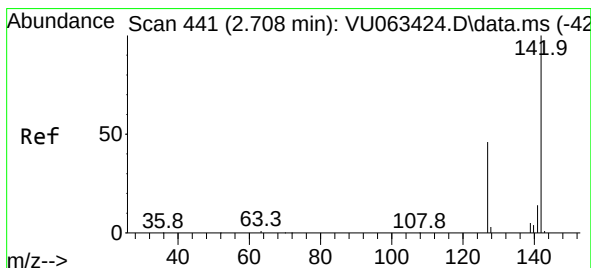
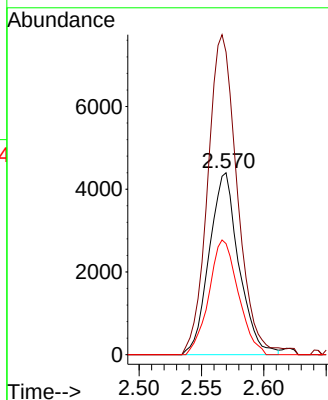
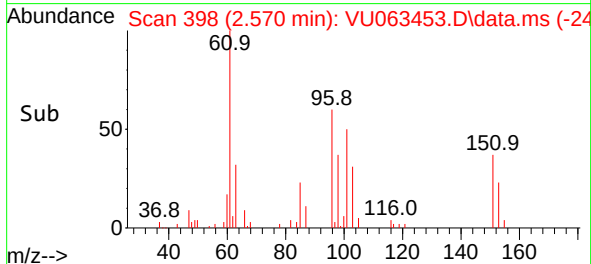
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LOQ-WATER-02-QT2-2025



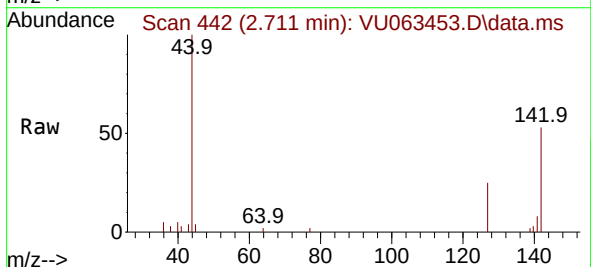
Tgt Ion: 96 Resp: 727
Ion Ratio Lower Upper
96 100
61 166.3 0.0 552.0
98 61.0 0.0 128.4

Manual Integrations
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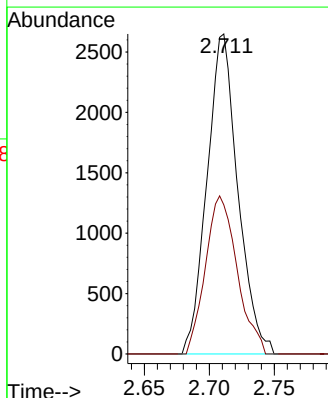
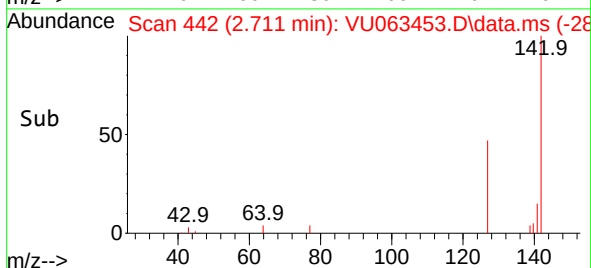
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

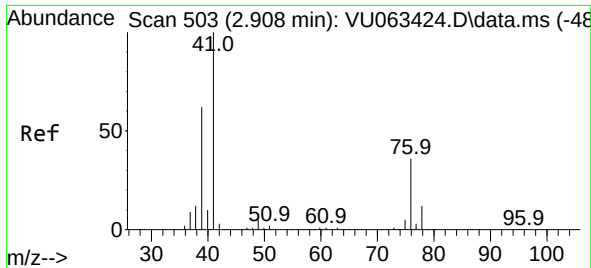


#10
Iodomethane
Concen: 0.425 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01



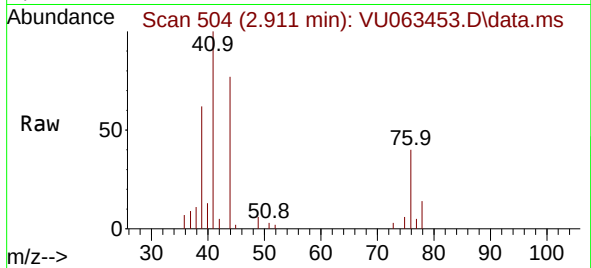
Tgt Ion:142 Resp: 4378
Ion Ratio Lower Upper
142 100
127 50.7 36.9 55.3





#11
 Allyl Chloride
 Concen: 0.484 ug/l
 RT: 2.911 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

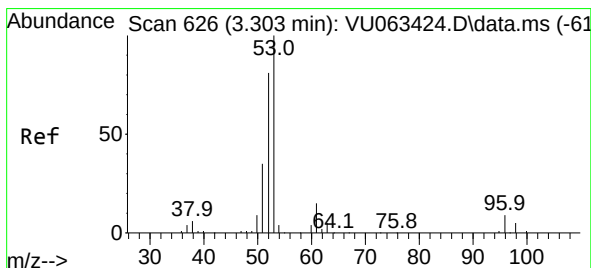
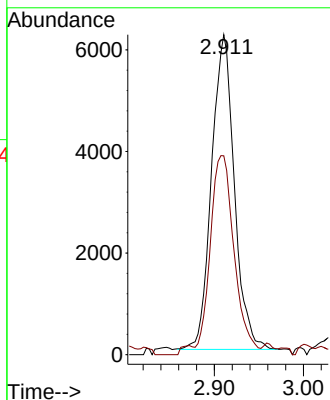
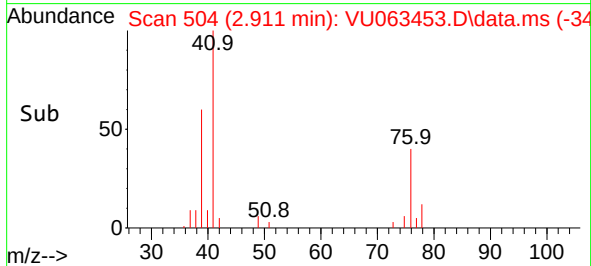
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion: 41 Resp: 1100
 Ion Ratio Lower Upper
 41 100
 39 63.2 50.3 75.5

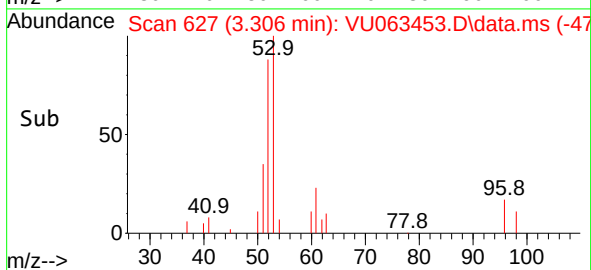
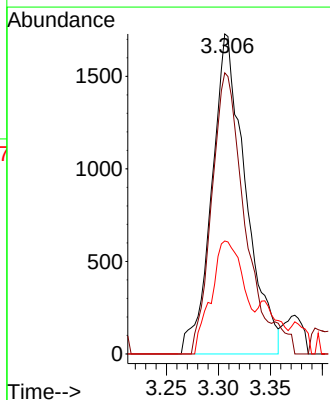
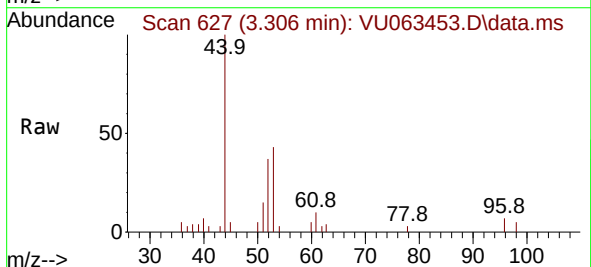
Manual Integrations
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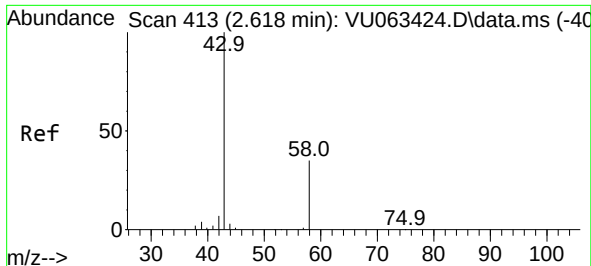
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#12
 Acrylonitrile
 Concen: 1.059 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

Tgt Ion: 53 Resp: 3907
 Ion Ratio Lower Upper
 53 100
 52 87.4 62.8 94.2
 51 34.5 26.2 39.4





#13

Acetone

Concen: 3.435 ug/l m

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 12700

Ion Ratio Lower Upper

43 100

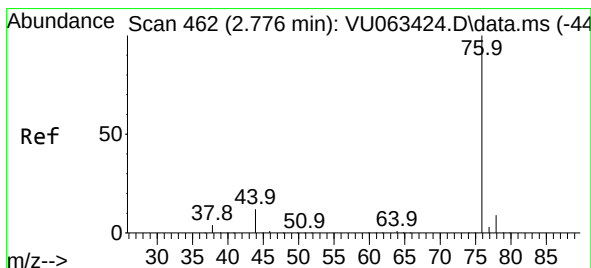
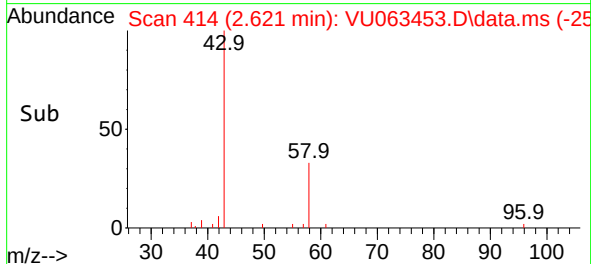
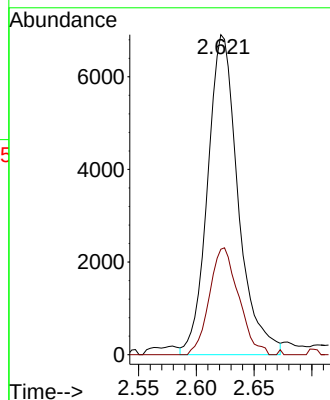
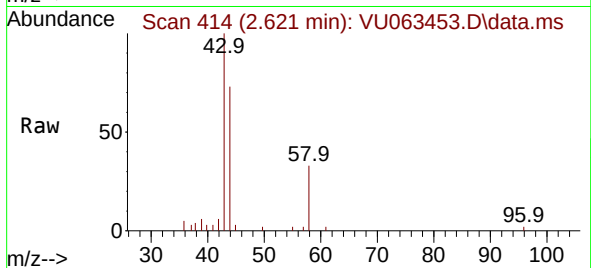
58 33.0 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#14

Carbon Disulfide

Concen: 0.535 ug/l

RT: 2.775 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063453.D

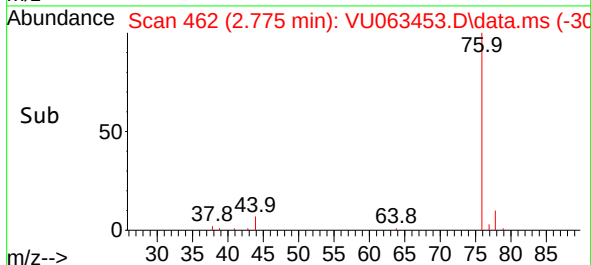
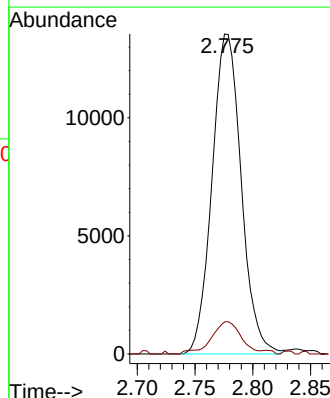
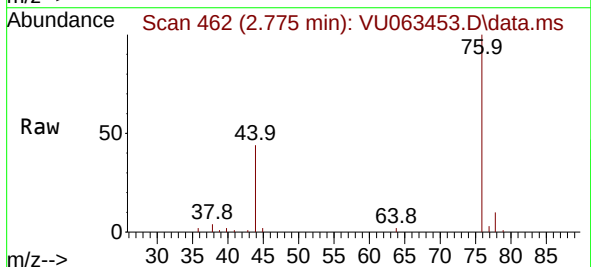
Acq: 25 Jun 2025 12:01

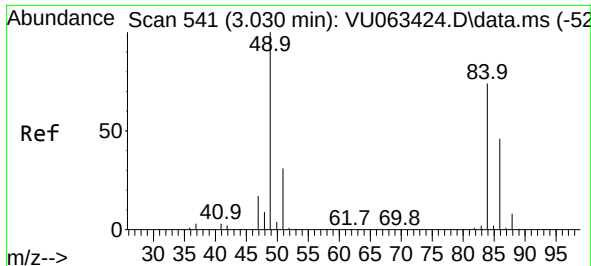
Tgt Ion: 76 Resp: 23814

Ion Ratio Lower Upper

76 100

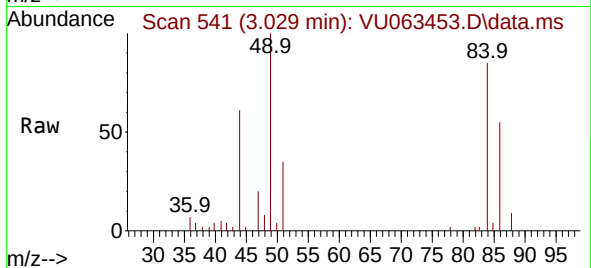
78 10.0 6.9 10.3





#15
Methylene Chloride
Concen: 0.628 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

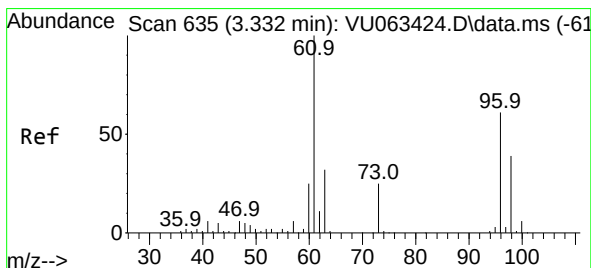
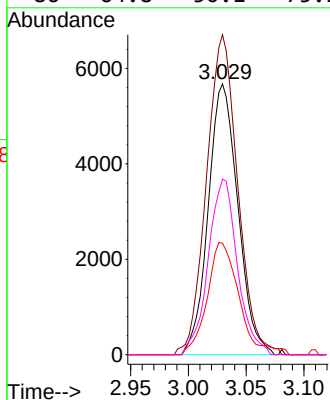
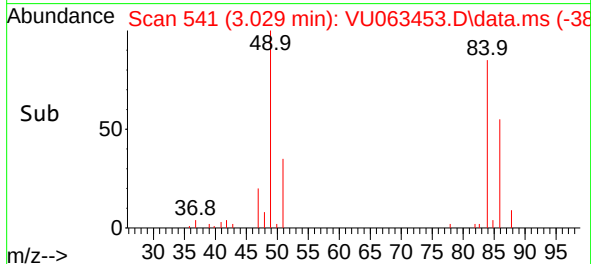
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:	84	Resp:	1015
Ion	Ratio	Lower	Upper
84	100		
49	116.0	108.7	163.1
51	41.1	0.0	83.8
86	64.8	50.1	75.1

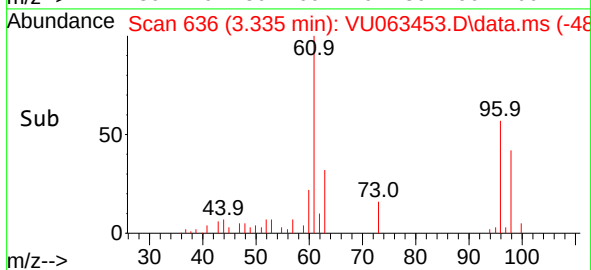
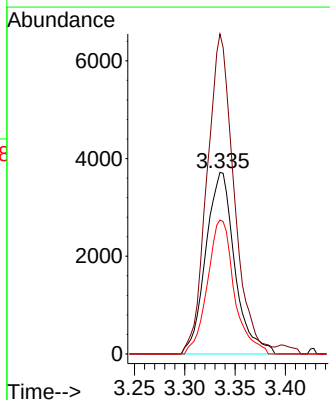
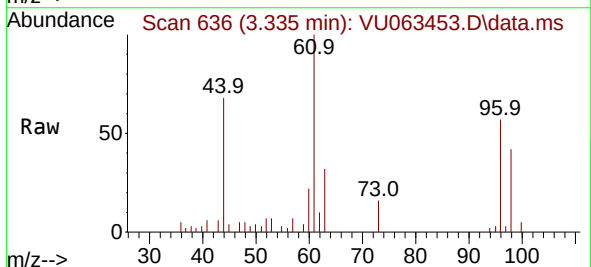
Manual Integrations
APPROVED

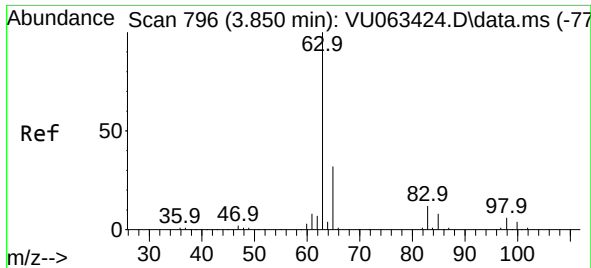
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#16
trans-1,2-Dichloroethene
Concen: 0.517 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:	96	Resp:	7429
Ion	Ratio	Lower	Upper
96	100		
61	176.3	132.1	198.1
98	73.8	51.0	76.4





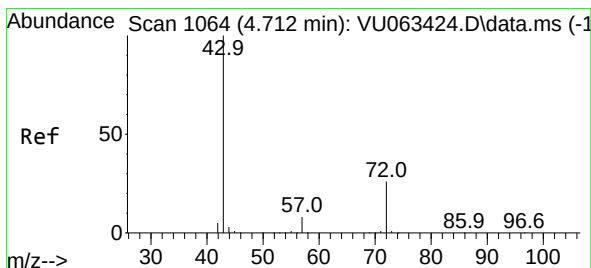
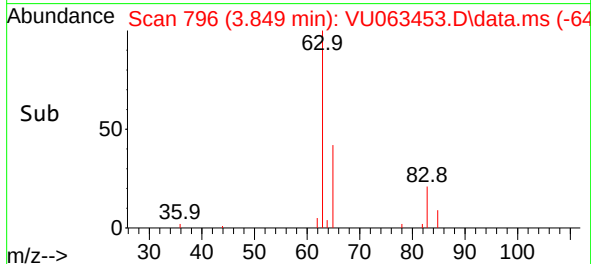
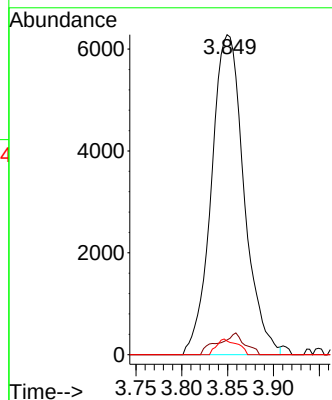
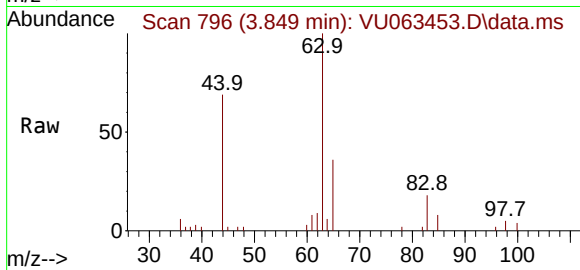
#17
1,1-Dichloroethane
Concen: 0.515 ug/l
RT: 3.849 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

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

Tgt Ion: 63 Resp: 1552
Ion Ratio Lower Upper
63 100
98 4.6 2.8 8.4
100 4.3 1.9 5.7

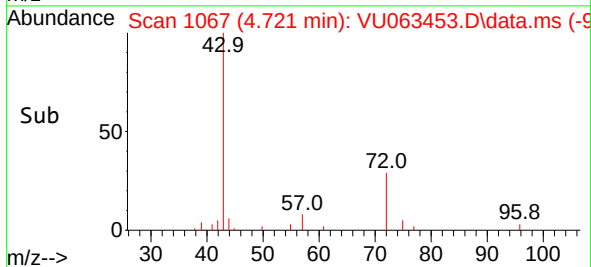
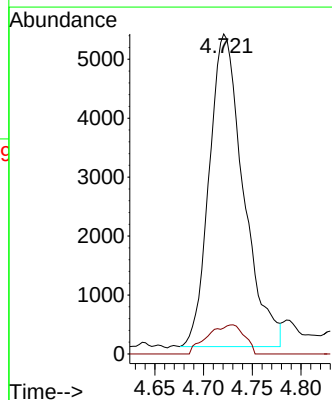
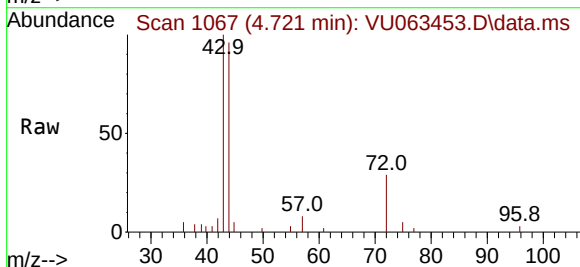
Manual Integrations
APPROVED

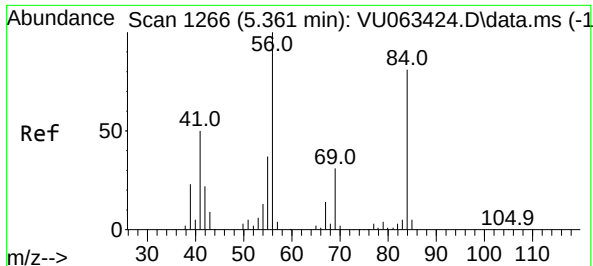
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#18
2-Butanone
Concen: 2.514 ug/l
RT: 4.721 min Scan# 1067
Delta R.T. 0.009 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 43 Resp: 12943
Ion Ratio Lower Upper
43 100
57 8.3 0.0 16.0





#19

Cyclohexane

Concen: 0.503 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.004 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

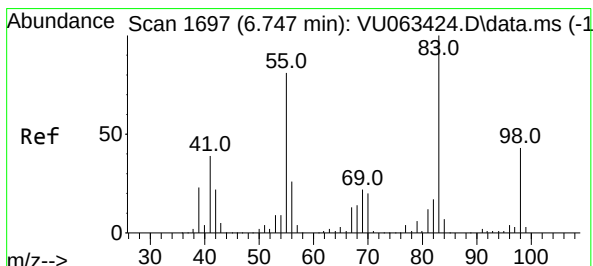
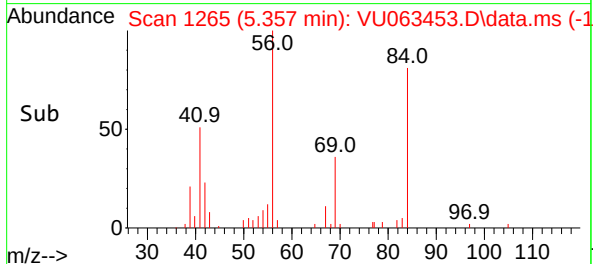
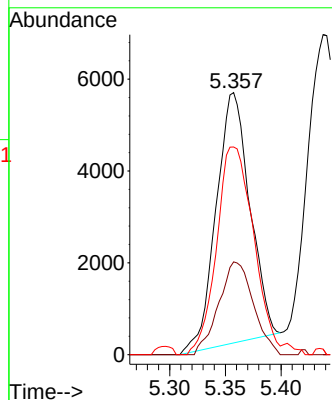
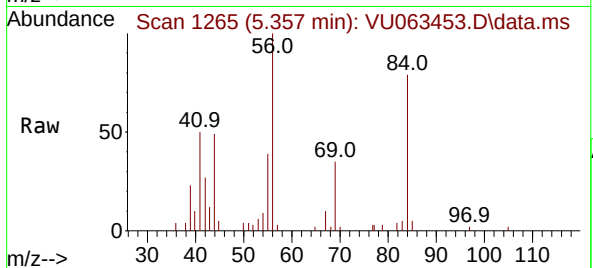
ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 56	Resp: 1146
Ion Ratio	Lower Upper
56	100
69	38.1 26.4 39.6
84	92.6 68.6 102.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#20

Methylcyclohexane

Concen: 0.446 ug/l

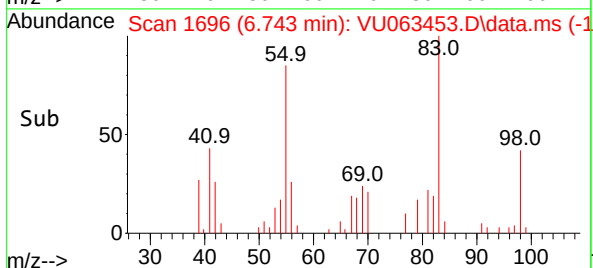
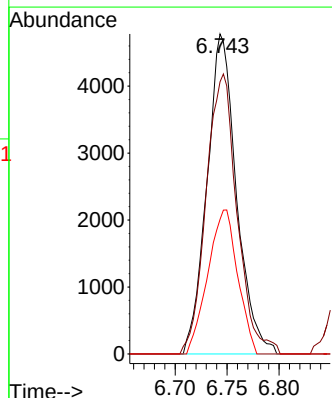
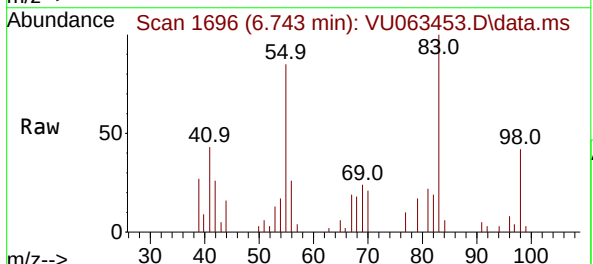
RT: 6.743 min Scan# 1696

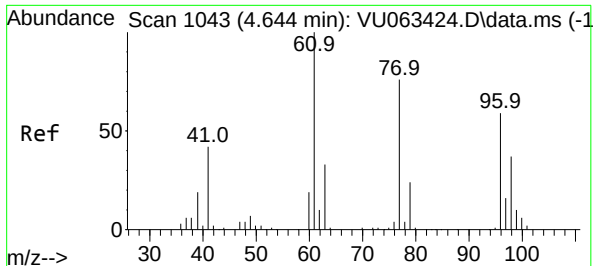
Delta R.T. -0.004 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Tgt Ion: 83	Resp: 9449
Ion Ratio	Lower Upper
83	100
55	91.7 63.5 95.3
98	45.3 34.2 51.4





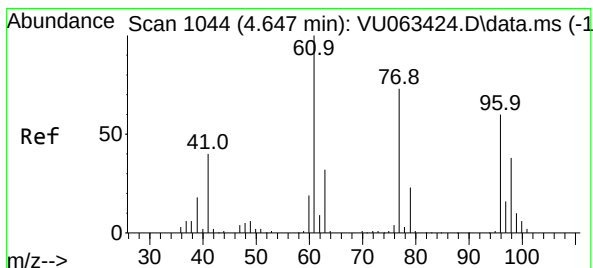
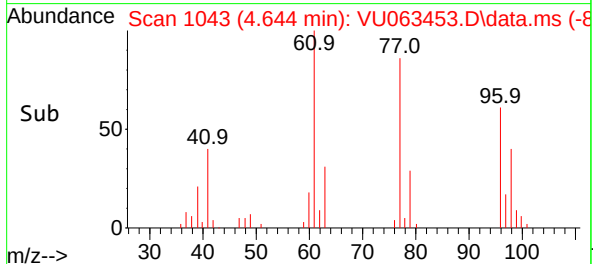
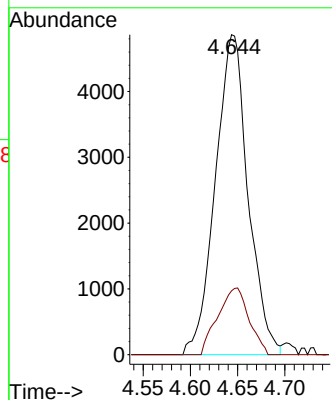
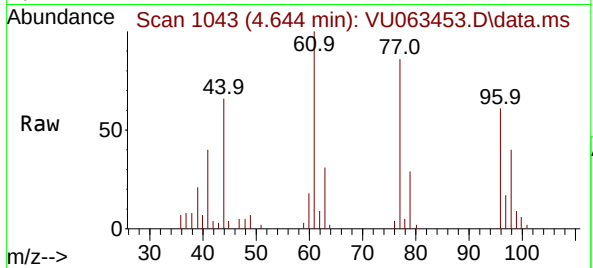
#21
2,2-Dichloropropane
Concen: 0.546 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

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

Tgt Ion: 77 Resp: 11715
Ion Ratio Lower Upper
77 100
97 19.8 17.2 25.8

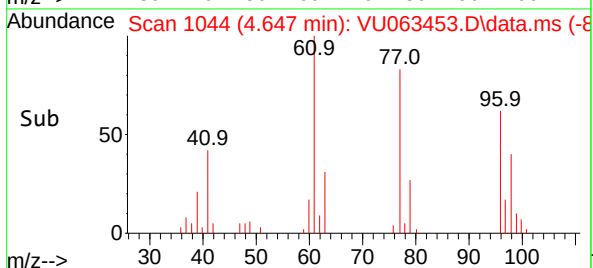
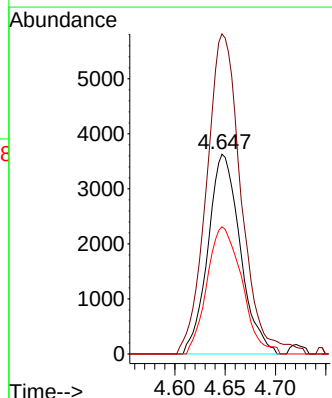
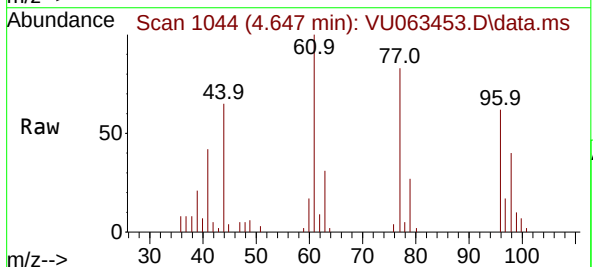
Manual Integrations
APPROVED

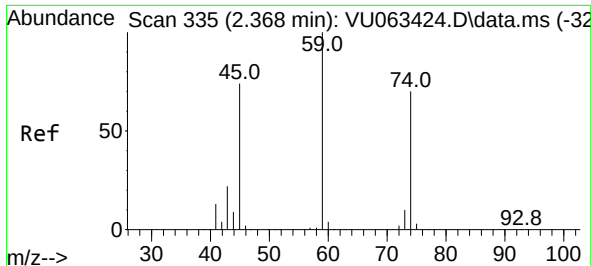
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#22
cis-1,2-Dichloroethene
Concen: 0.517 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

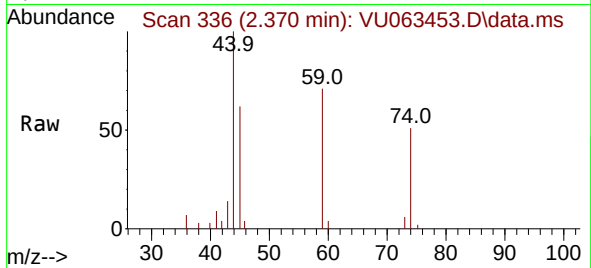
Tgt Ion: 96 Resp: 8099
Ion Ratio Lower Upper
96 100
61 171.6 0.0 434.3
98 68.6 31.9 95.7





#23
Diethyl Ether
Concen: 0.515 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

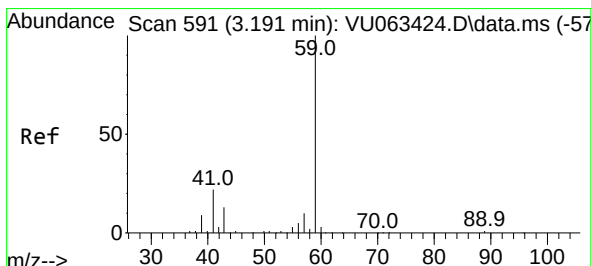
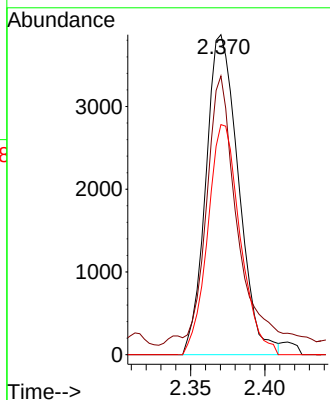
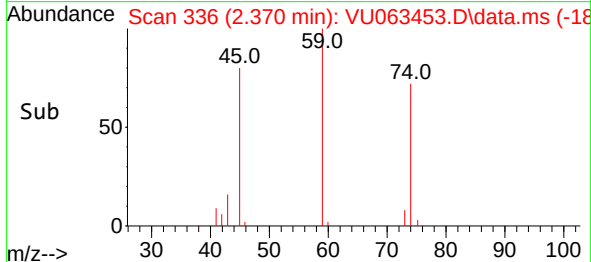
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 59 Resp: 5929
Ion Ratio Lower Upper
59 100
45 80.8 60.7 91.1
74 71.3 55.8 83.6

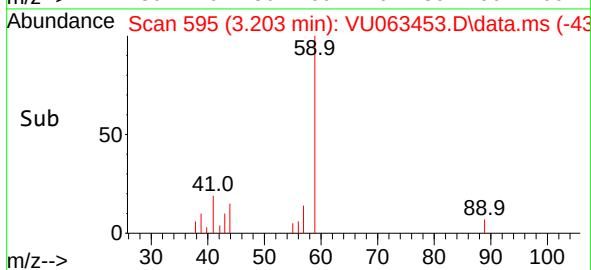
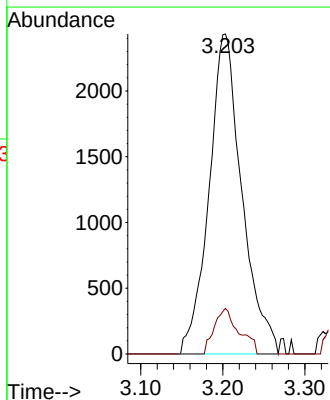
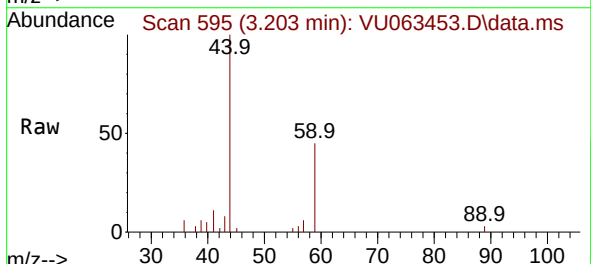
Manual Integrations
APPROVED

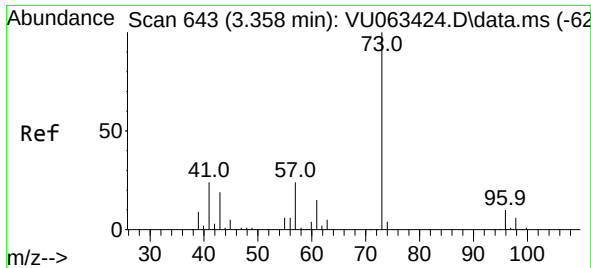
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#24
tert-Butyl Alcohol
Concen: 5.585 ug/l
RT: 3.203 min Scan# 595
Delta R.T. 0.012 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

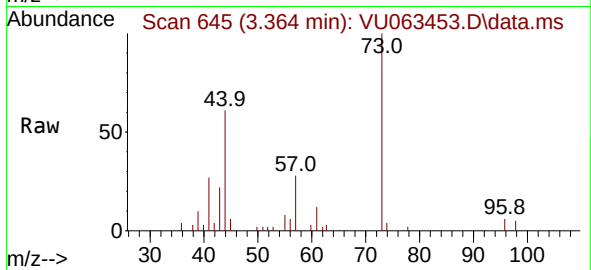
Tgt Ion: 59 Resp: 6777
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8





#25
Methyl tert-Butyl Ether
Concen: 0.503 ug/l
RT: 3.364 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

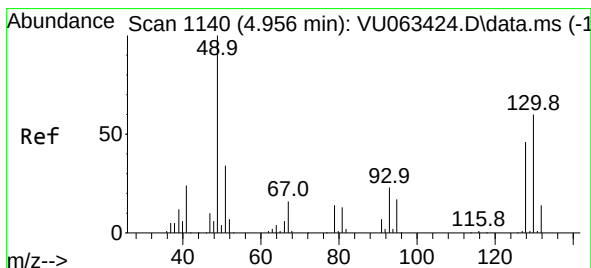
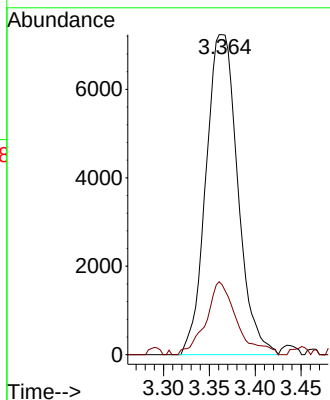
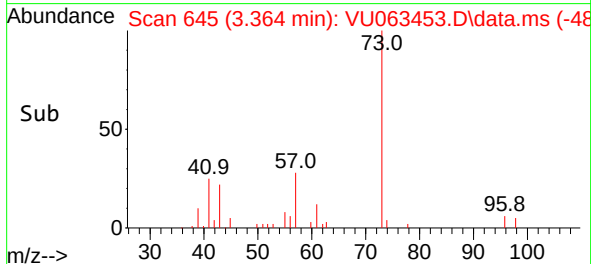
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 73 Resp: 1747
Ion Ratio Lower Upper
73 100
43 21.9 15.1 22.7

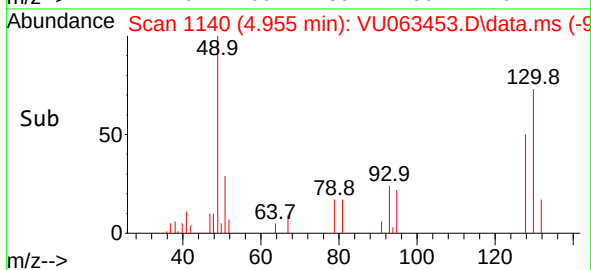
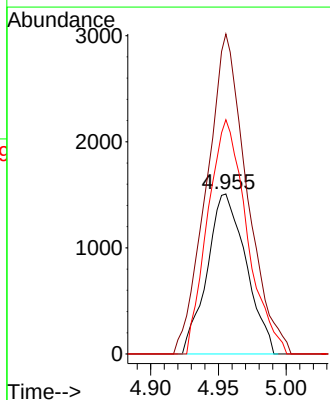
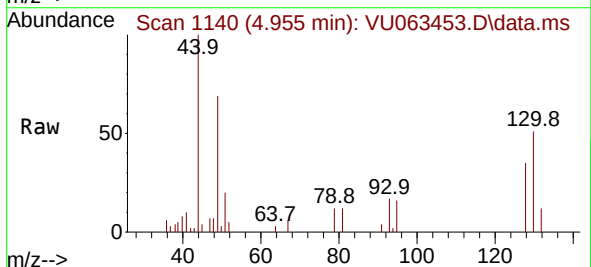
Manual Integrations
APPROVED

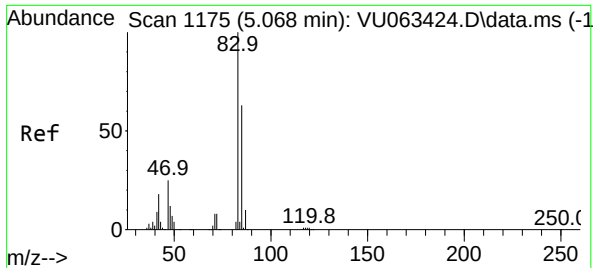
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#26
Bromochloromethane
Concen: 0.494 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

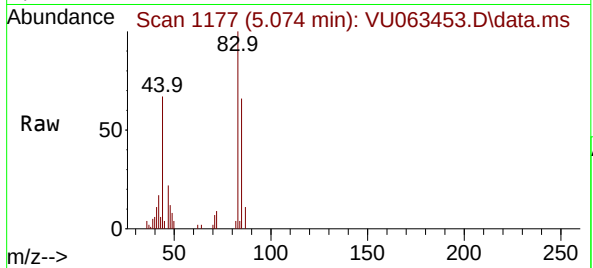
Tgt Ion:128 Resp: 3012
Ion Ratio Lower Upper
128 100
49 207.0 0.0 441.2
130 147.4 102.3 153.5





#27
Chloroform
Concen: 0.513 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

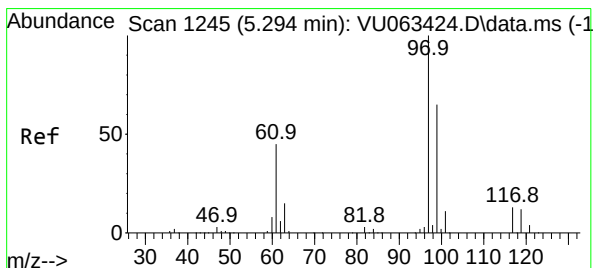
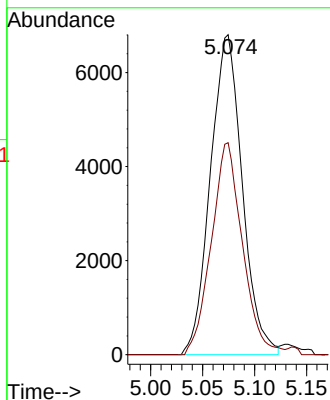
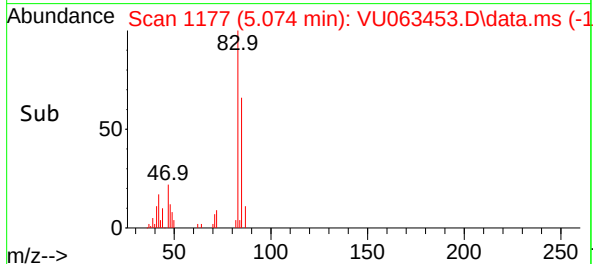
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



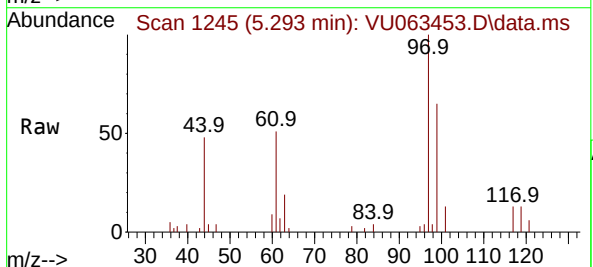
Tgt Ion: 83 Resp: 14510
Ion Ratio Lower Upper
83 100
85 66.2 0.0 126.8

Manual Integrations
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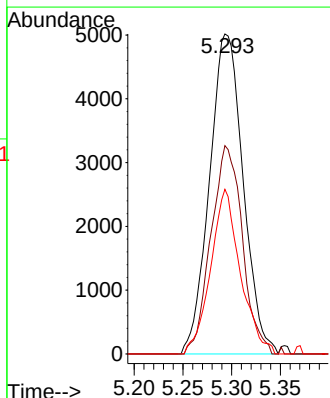
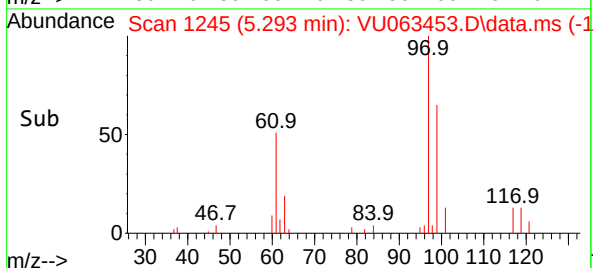
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

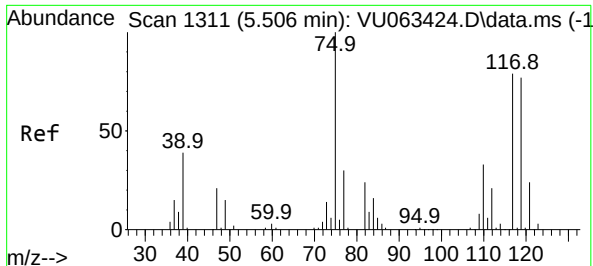


#28
1,1,1-Trichloroethane
Concen: 0.526 ug/l
RT: 5.293 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01



Tgt Ion: 97 Resp: 12065
Ion Ratio Lower Upper
97 100
99 60.8 31.9 95.5
61 45.4 22.9 68.7





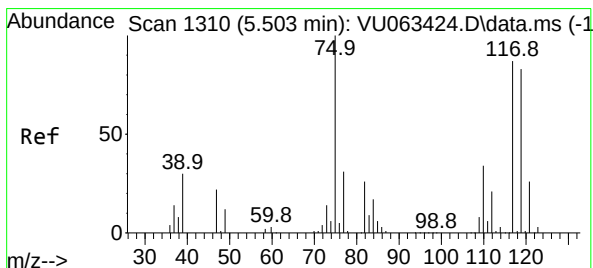
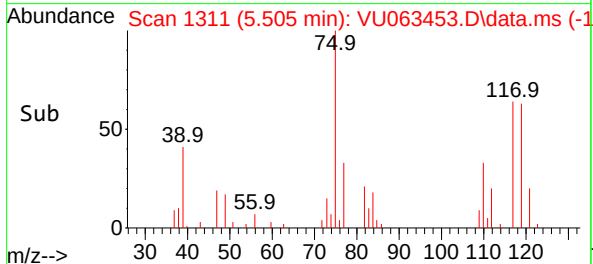
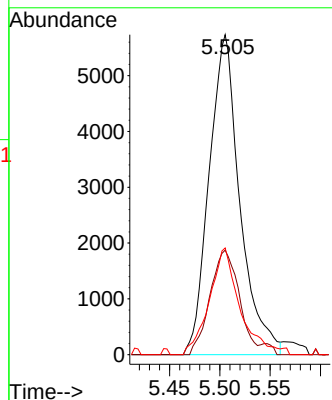
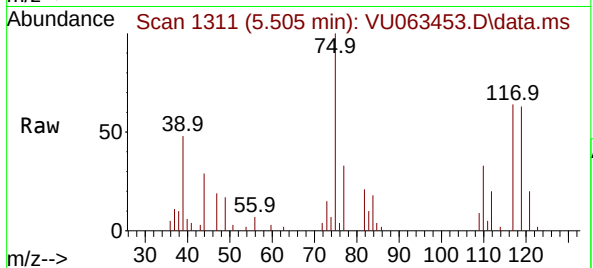
#29
1,1-Dichloropropene
Concen: 0.582 ug/l
RT: 5.505 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

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

Tgt Ion: 75 Resp: 1218
Ion Ratio Lower Upper
75 100
110 30.9 17.4 52.2
77 33.2 25.4 38.0

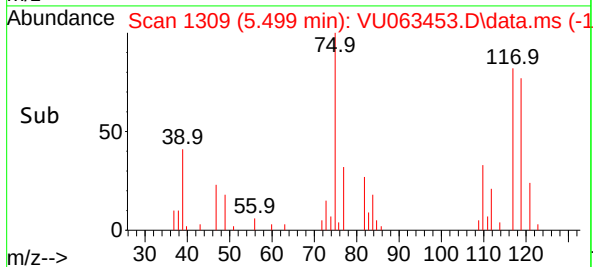
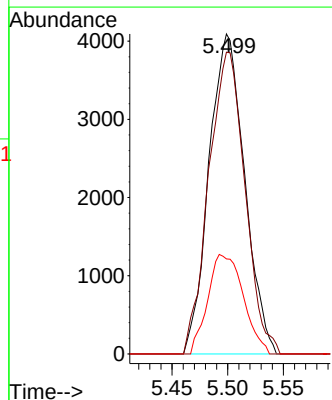
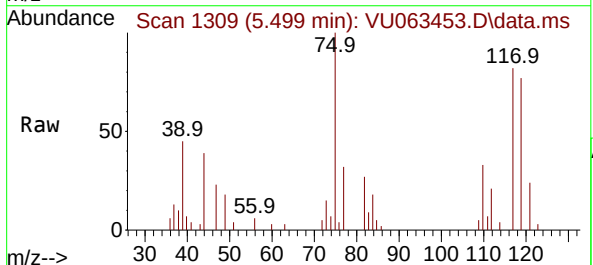
Manual Integrations
APPROVED

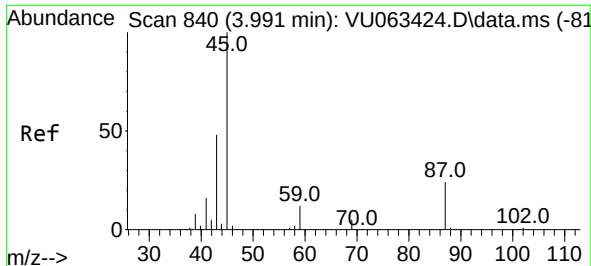
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#30
Carbon Tetrachloride
Concen: 0.497 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

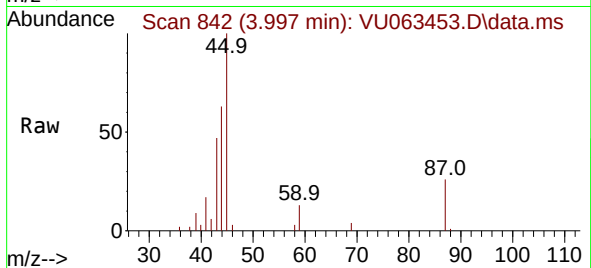
Tgt Ion:117 Resp: 9095
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1
121 29.7 24.3 36.5





#31
Isopropyl Ether
Concen: 0.518 ug/l m
RT: 3.997 min Scan# 840
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

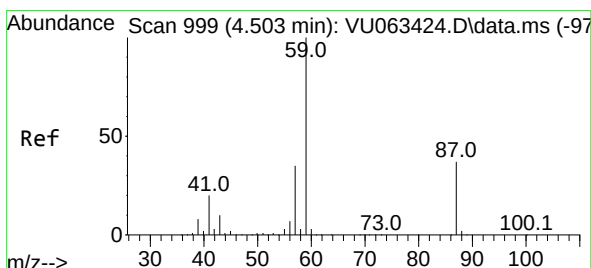
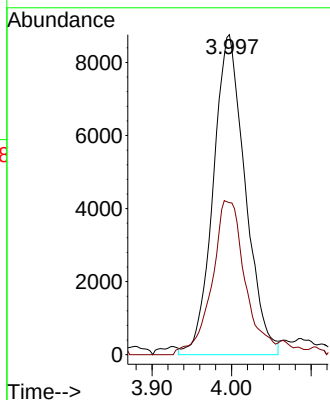
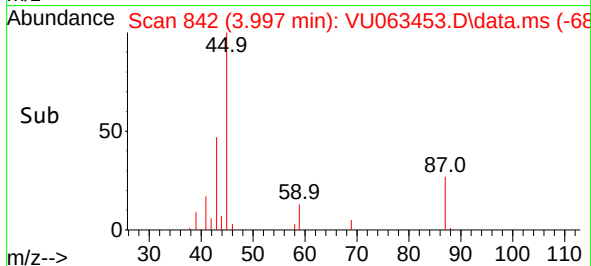
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



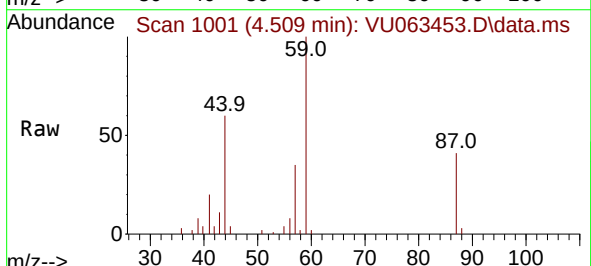
Tgt Ion: 45 Resp: 24420
Ion Ratio Lower Upper
45 100
43 49.6 23.8 71.5

Manual Integrations
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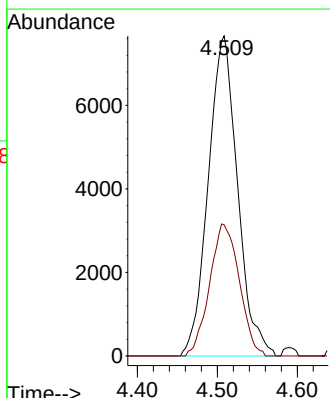
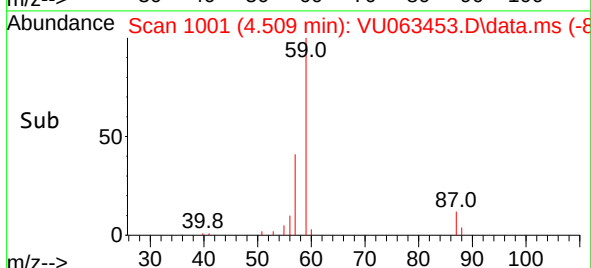
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

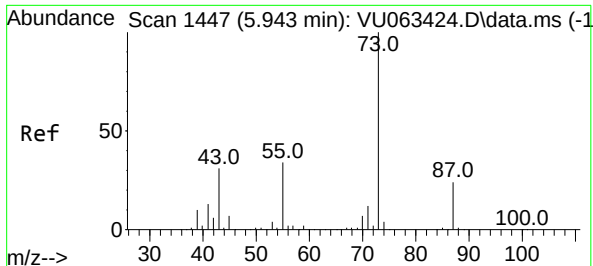


#32
Ethyl-t-butyl ether
Concen: 0.489 ug/l
RT: 4.509 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01



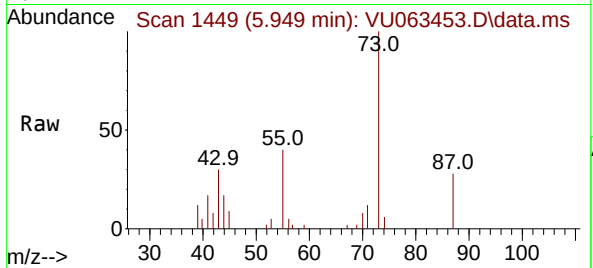
Tgt Ion: 59 Resp: 19538
Ion Ratio Lower Upper
59 100
87 41.7 29.9 44.9





#33
Tert-Amyl methyl ether
Concen: 0.490 ug/l
RT: 5.949 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

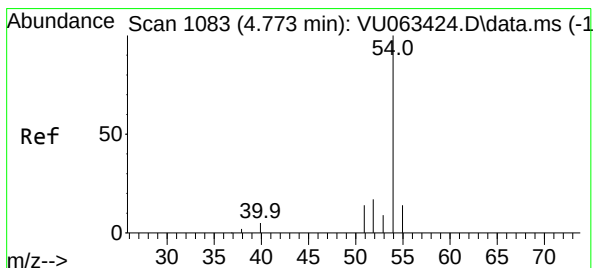
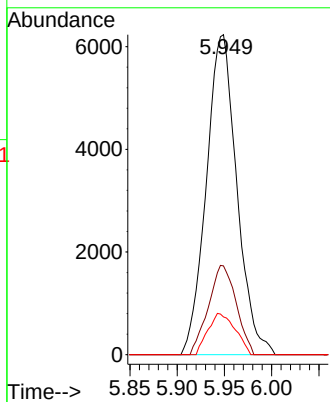
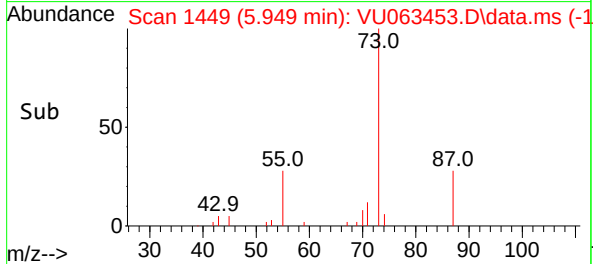
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 73 Resp: 14000
Ion Ratio Lower Upper
73 100
87 25.3 18.1 27.1
71 11.5 10.0 15.0

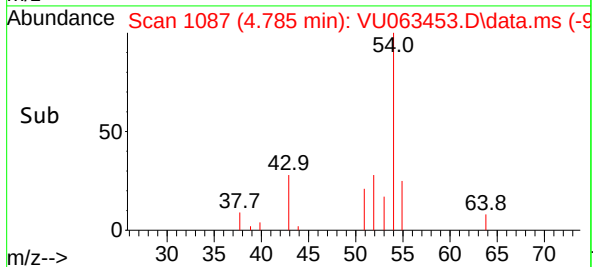
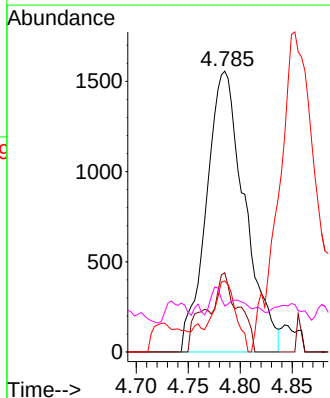
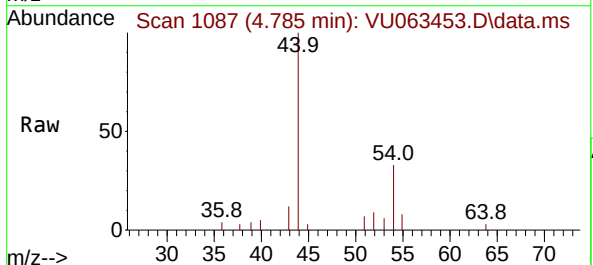
Manual Integrations
APPROVED

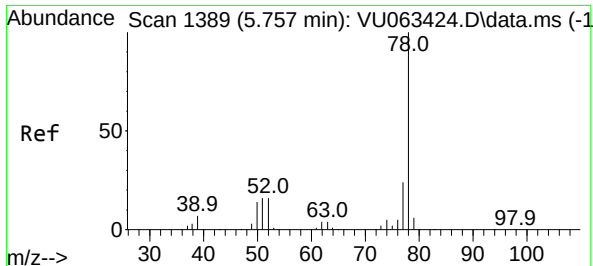
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#34
Propionitrile
Concen: 2.686 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.012 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion: 54 Resp: 4000
Ion Ratio Lower Upper
54 100
52 16.2 14.8 22.2
55 14.5 12.2 18.2
40 2.8 4.8 7.2#





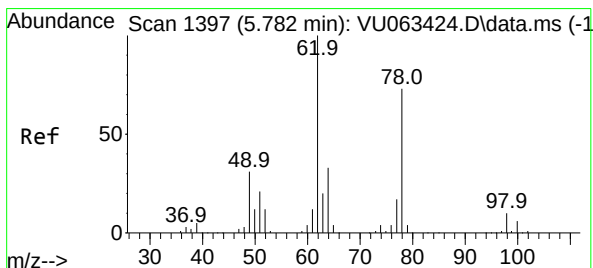
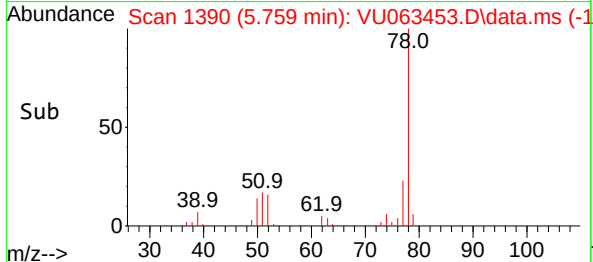
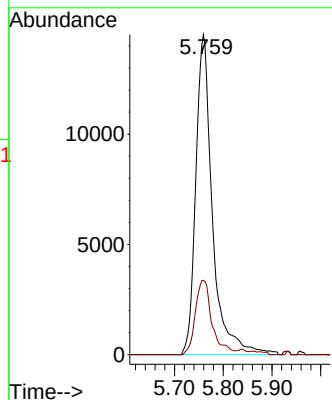
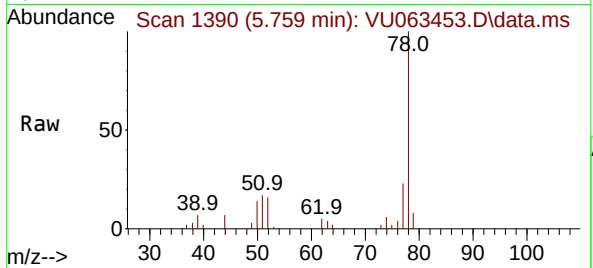
#35
Benzene
Concen: 0.545 ug/l
RT: 5.759 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

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

Tgt Ion: 78 Resp: 34514
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.2

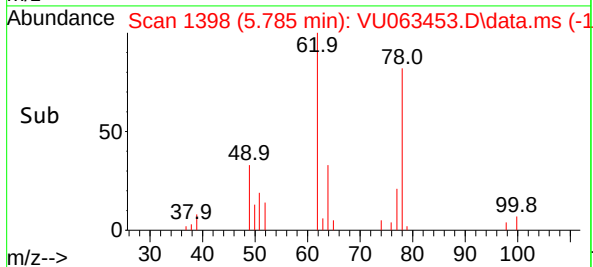
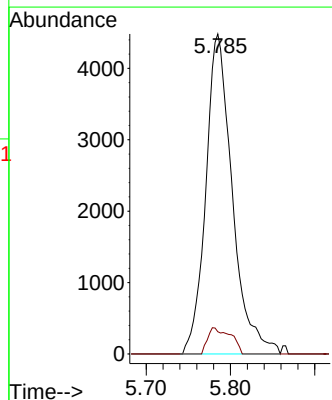
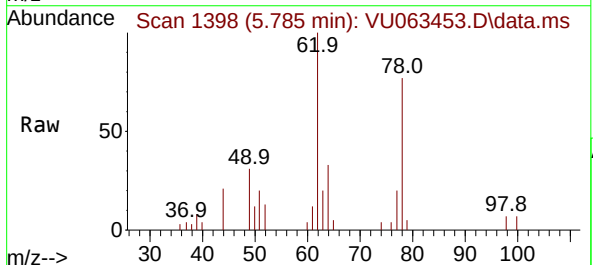
Manual Integrations
APPROVED

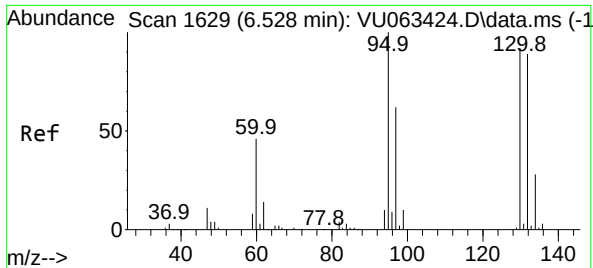
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#36
1,2-Dichloroethane
Concen: 0.529 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

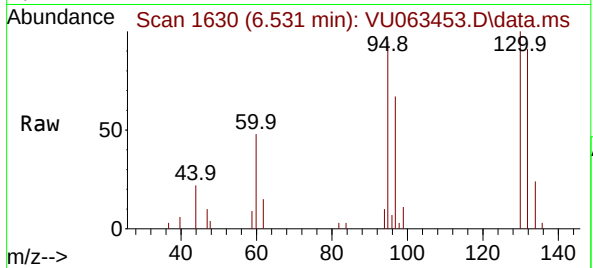
Tgt Ion: 62 Resp: 9806
Ion Ratio Lower Upper
62 100
98 7.1 7.1 10.7#





#37
 Trichloroethene
 Concen: 0.549 ug/l
 RT: 6.531 min Scan# 1710
 Delta R.T. 0.003 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

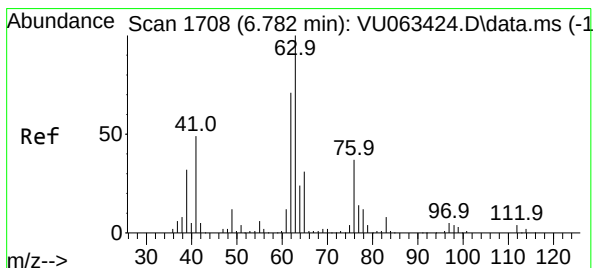
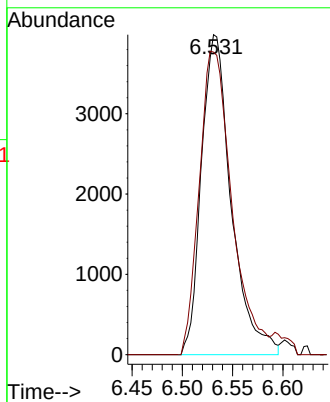
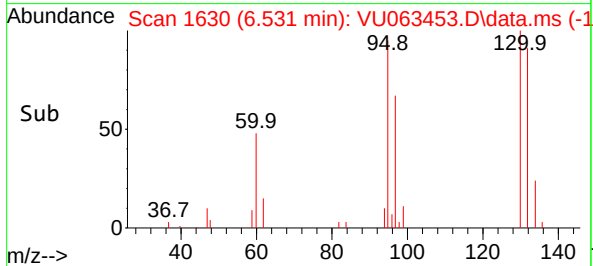
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



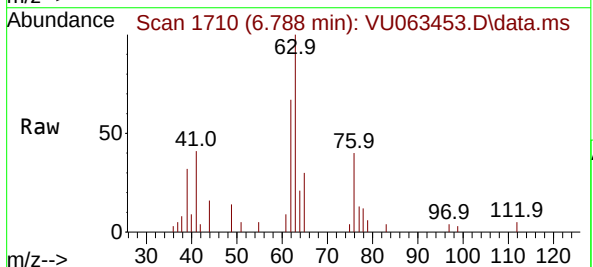
Tgt Ion:130 Resp: 822
 Ion Ratio Lower Upper
 130 100
 95 94.6 87.2 130.8

Manual Integrations
 APPROVED

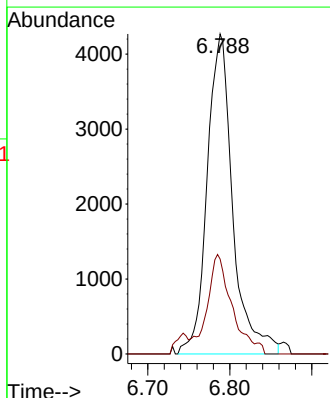
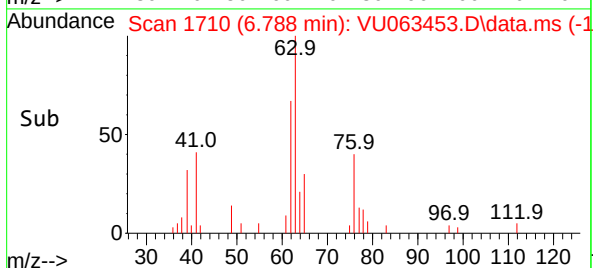
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

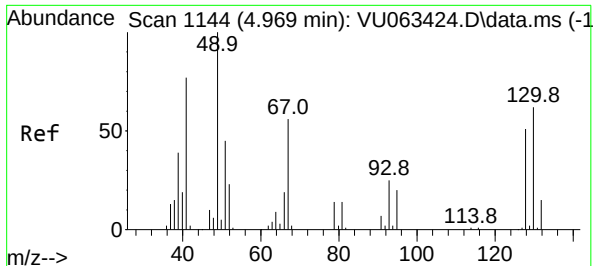


#38
 1,2-Dichloropropane
 Concen: 0.528 ug/l
 RT: 6.788 min Scan# 1710
 Delta R.T. 0.006 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01



Tgt Ion: 63 Resp: 9231
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.6





#39

Methacrylonitrile

Concen: 0.514 ug/l m

RT: 4.968 min Scan# 1144

Delta R.T. -0.001 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

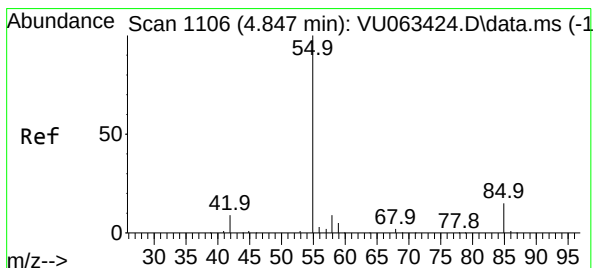
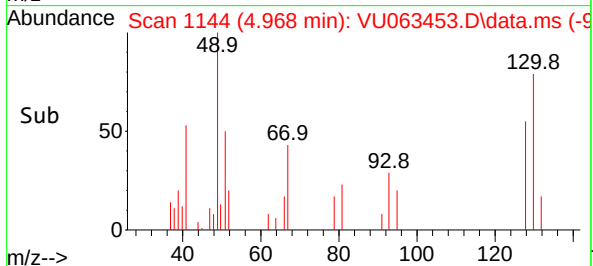
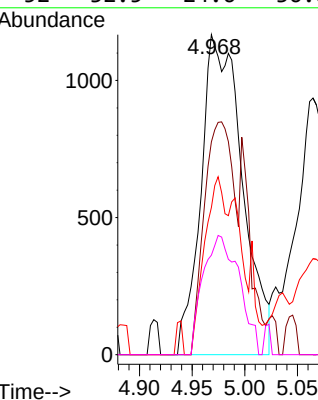
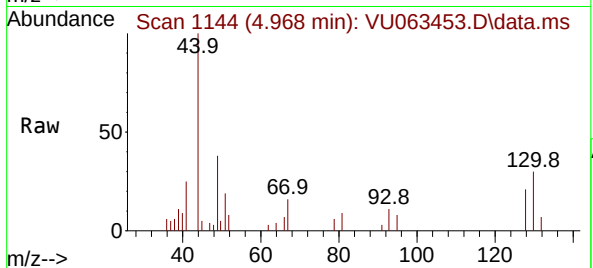
LOQ-WATER-02-QT2-2025

Tgt Ion: 41	Resp: 318
Ion Ratio	Lower Upper
41 100	
67 52.4	59.8 89.8
39 29.9	40.7 61.1
52 32.5	24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#40

Methyl acrylate

Concen: 0.565 ug/l

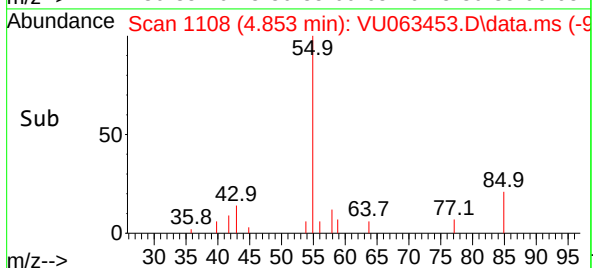
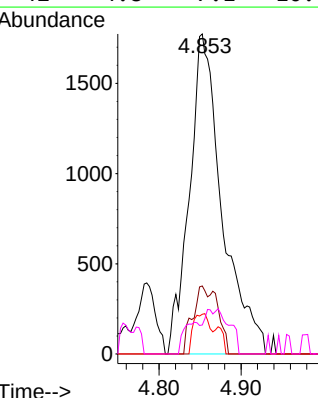
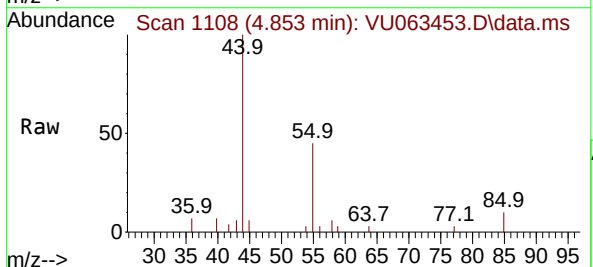
RT: 4.853 min Scan# 1108

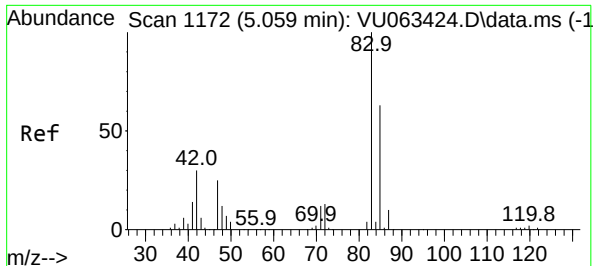
Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Tgt Ion: 55	Resp: 4914
Ion Ratio	Lower Upper
55 100	
85 9.6	12.6 19.0#
58 6.5	6.9 10.3#
42 4.8	7.1 10.7#





#41

Tetrahydrofuran

Concen: 1.081 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.009 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

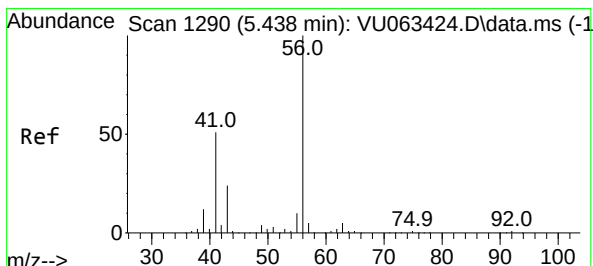
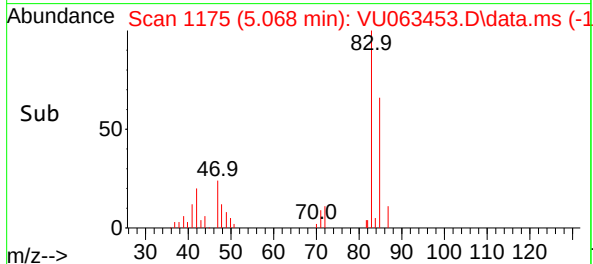
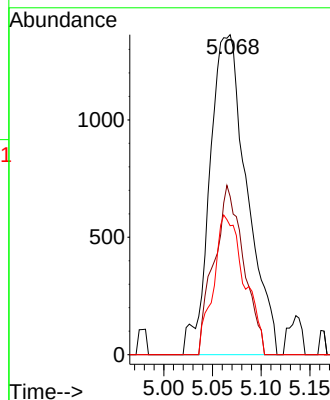
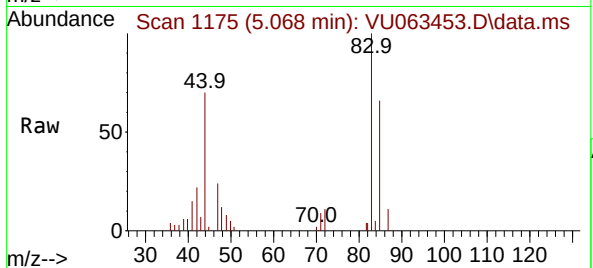
LOQ-WATER-02-QT2-2025

Tgt Ion: 42	Resp: 3604
Ion Ratio	Lower Upper
42	100
72	42.1 35.4 53.2
71	36.3 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#42

1-Chlorobutane

Concen: 0.544 ug/l m

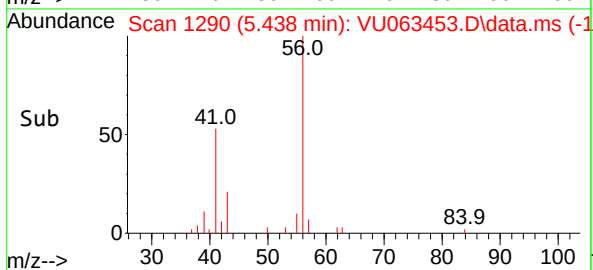
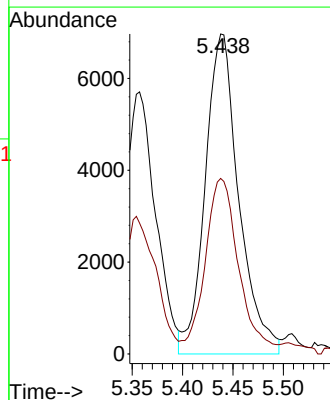
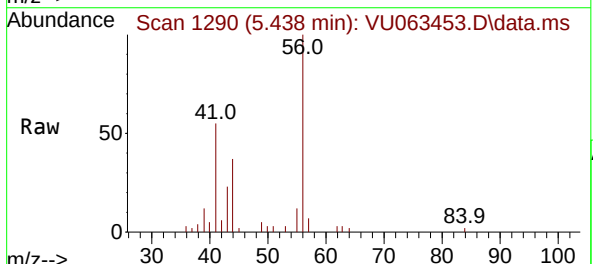
RT: 5.438 min Scan# 1290

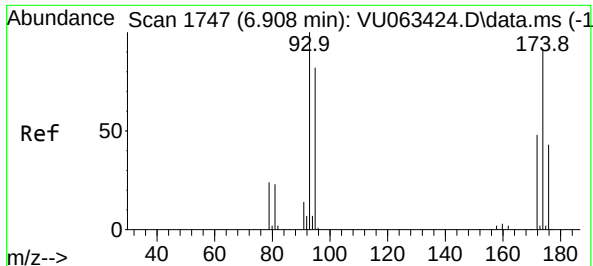
Delta R.T. -0.000 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Tgt Ion: 56	Resp: 16172
Ion Ratio	Lower Upper
56	100
41	49.5 26.4 79.0





#43

Dibromomethane

Concen: 0.509 ug/l

RT: 6.914 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU063453.D

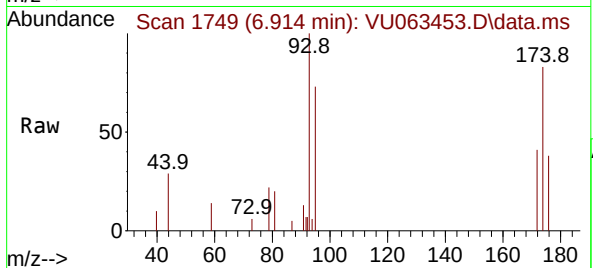
Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

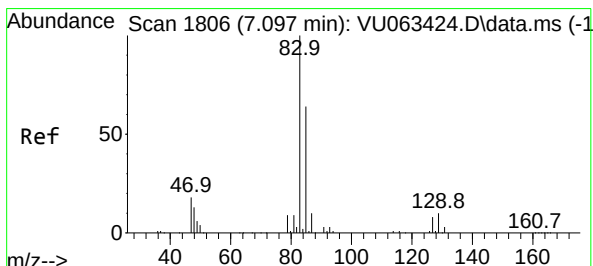
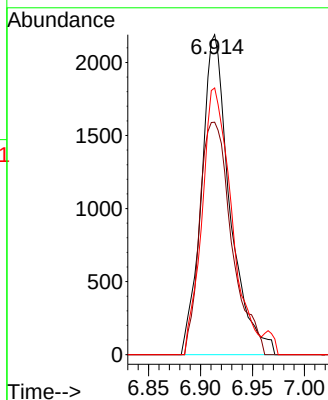
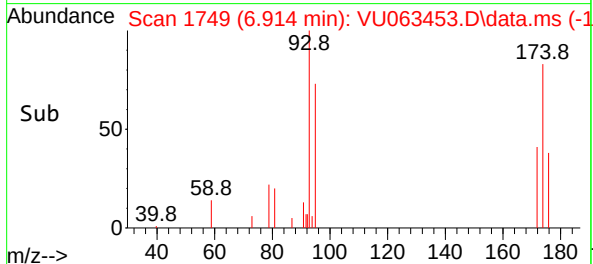


Tgt Ion: 93	Resp: 415
Ion Ratio	Lower Upper
93	100
95	81.9 66.7 100.1
174	87.3 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#44

Bromodichloromethane

Concen: 0.512 ug/l

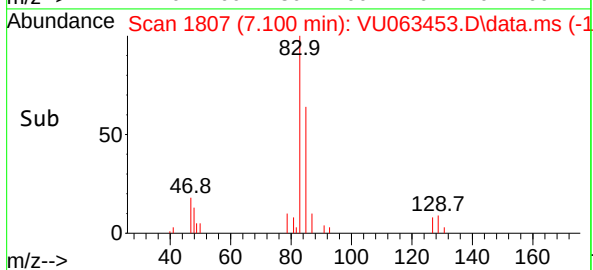
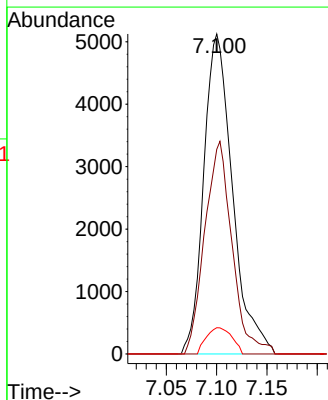
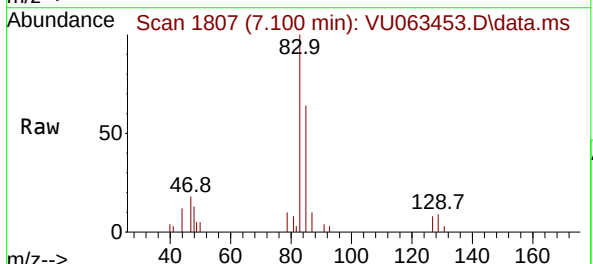
RT: 7.100 min Scan# 1807

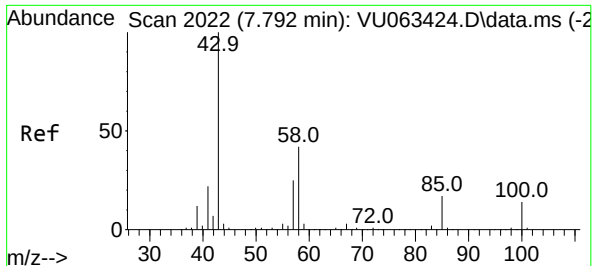
Delta R.T. 0.003 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Tgt Ion: 83	Resp: 10188
Ion Ratio	Lower Upper
83	100
85	63.9 51.4 77.2
127	8.2 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 2.300 ug/l

RT: 7.804 min Scan# 2018

Delta R.T. 0.012 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

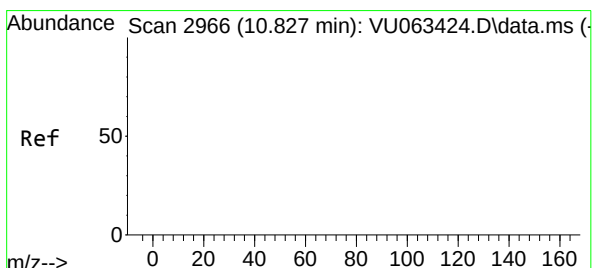
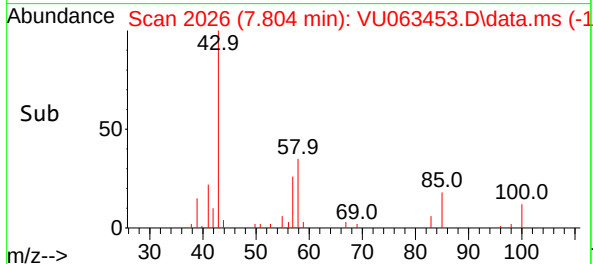
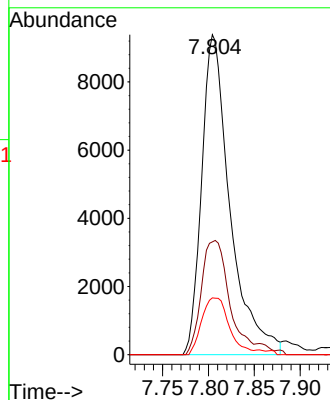
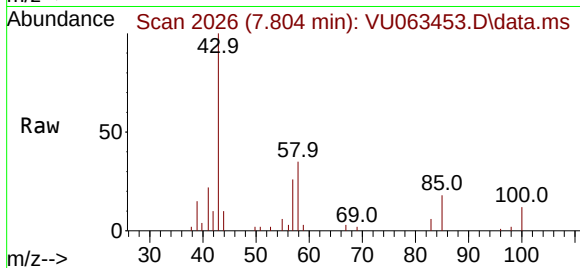
LOQ-WATER-02-QT2-2025

Tgt Ion:	43	Resp:	2018
Ion Ratio	Lower	Upper	
43	100		
58	36.9	20.5	61.6
85	17.1	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#46

t-1,4-Dichloro-2-butene

Concen: 1.029 ug/l m

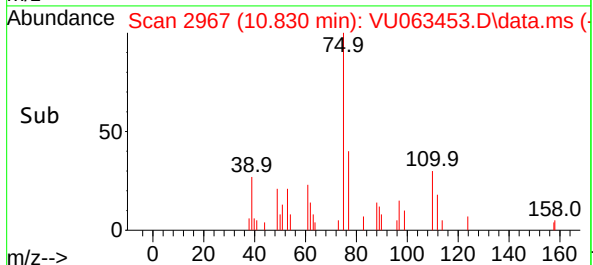
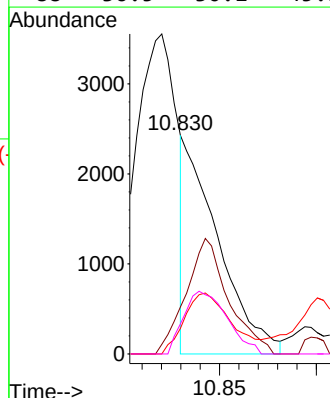
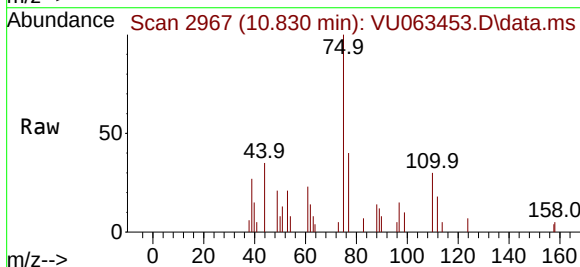
RT: 10.830 min Scan# 2967

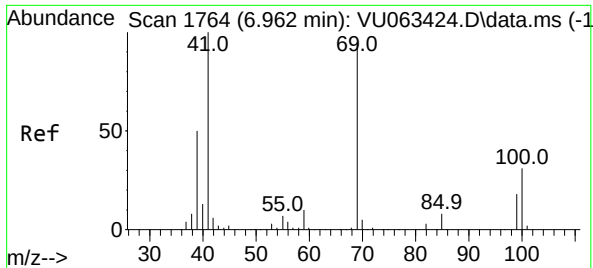
Delta R.T. 0.003 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Tgt Ion:	75	Resp:	2969
Ion Ratio	Lower	Upper	
75	100		
53	65.5	61.4	92.2
89	38.6	39.2	58.8#
88	36.5	30.1	45.1





#47

Methyl methacrylate

Concen: 0.873 ug/l

RT: 6.978 min Scan# 1769

Delta R.T. 0.016 min

Lab File: VU063453.D

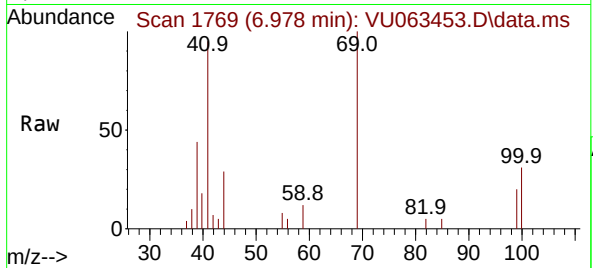
Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025



Tgt Ion: 69 Resp: 553

Ion Ratio Lower Upper

69 100

41 92.6 0.0 212.6

39 46.9 40.6 61.0

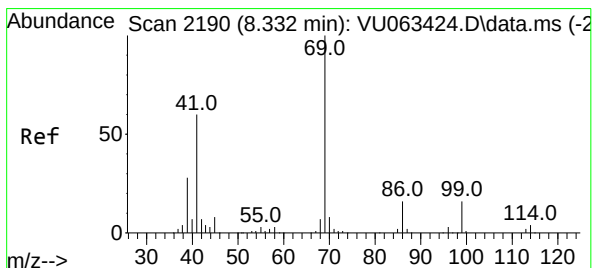
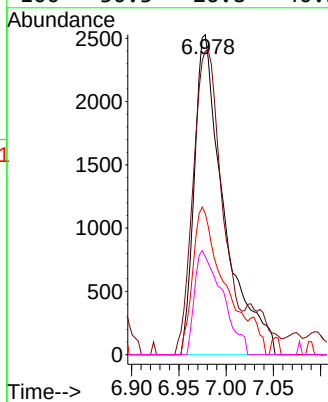
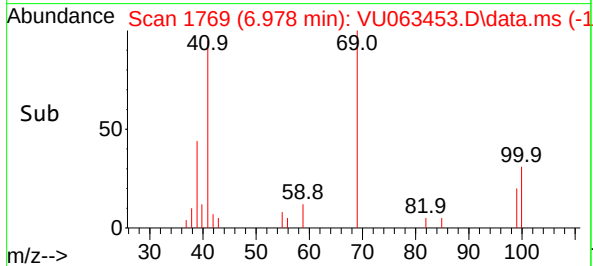
100 30.3 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#48

Ethyl methacrylate

Concen: 0.446 ug/l

RT: 8.341 min Scan# 2193

Delta R.T. 0.009 min

Lab File: VU063453.D

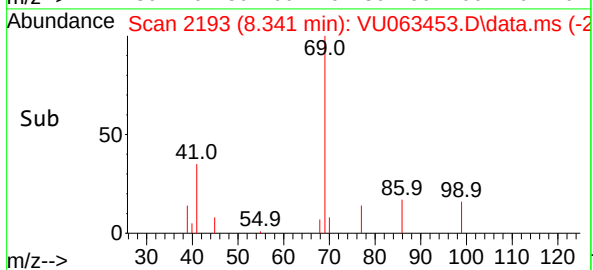
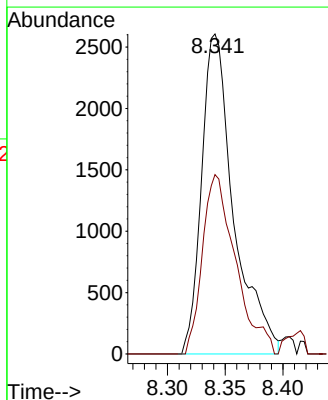
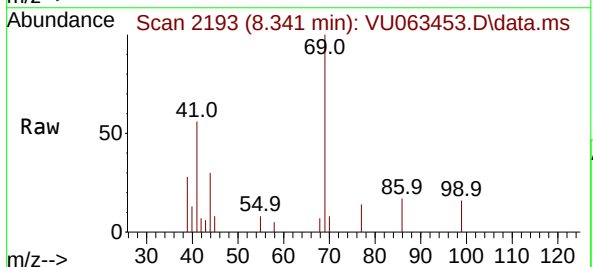
Acq: 25 Jun 2025 12:01

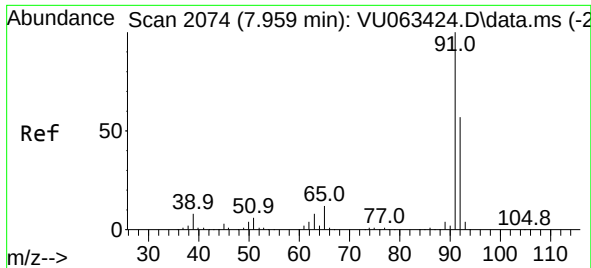
Tgt Ion: 69 Resp: 5054

Ion Ratio Lower Upper

69 100

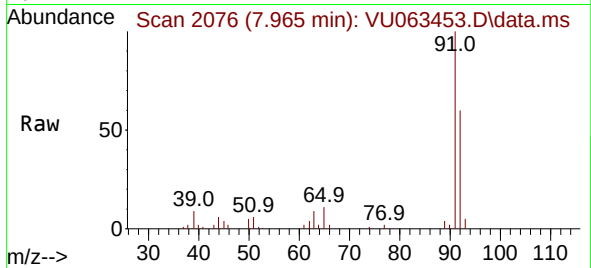
41 57.6 30.6 92.0





#49
Toluene
Concen: 0.449 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

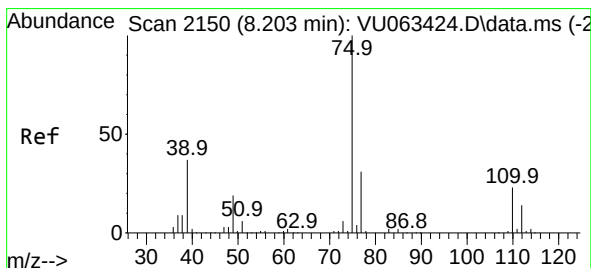
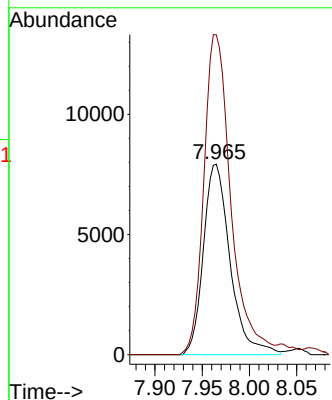
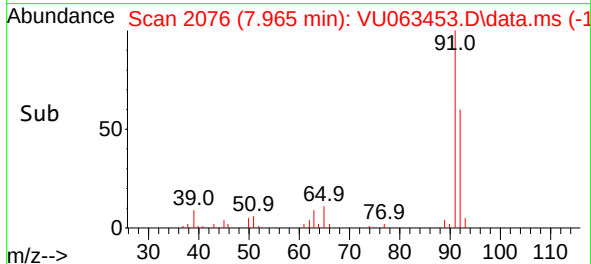
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 92 Resp: 1560
Ion Ratio Lower Upper
92 100
91 169.5 142.0 213.0

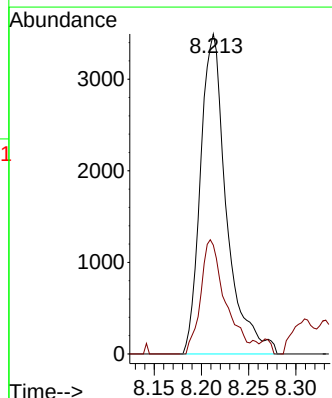
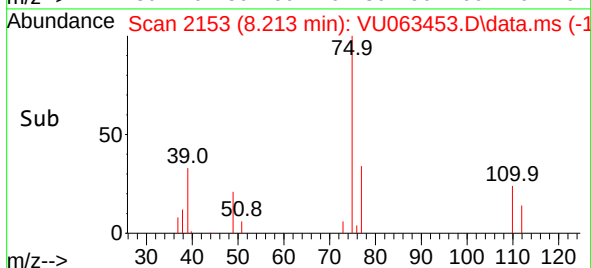
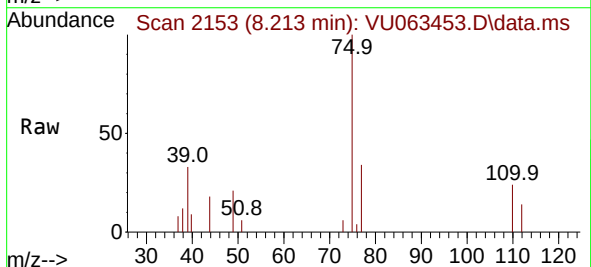
Manual Integrations
APPROVED

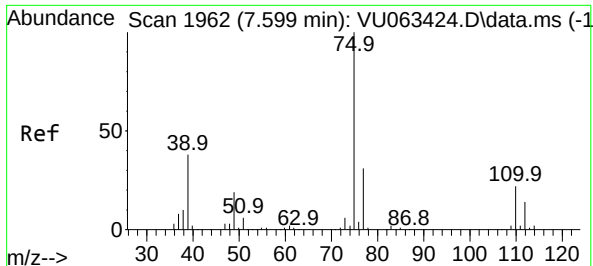
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#50
t-1,3-Dichloropropene
Concen: 0.466 ug/l
RT: 8.213 min Scan# 2153
Delta R.T. 0.010 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

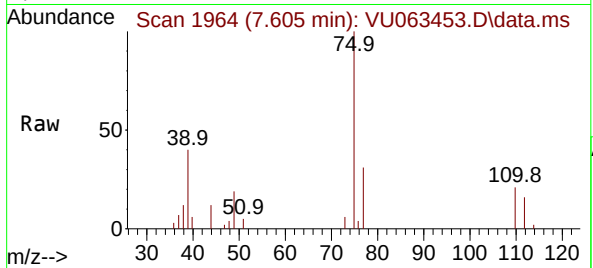
Tgt Ion: 75 Resp: 6690
Ion Ratio Lower Upper
75 100
77 34.0 24.5 36.7





#51
 cis-1,3-Dichloropropene
 Concen: 0.472 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

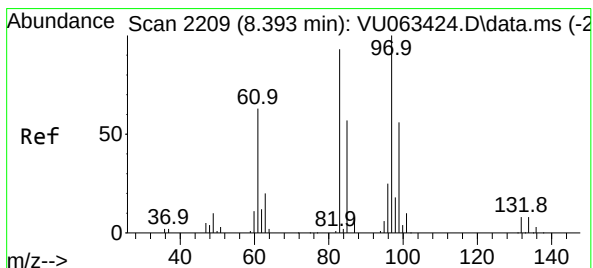
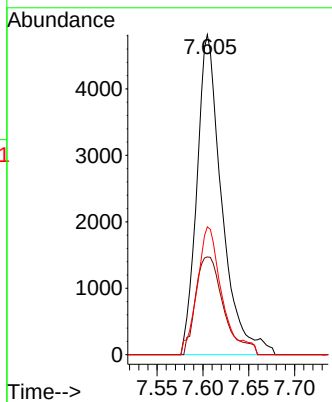
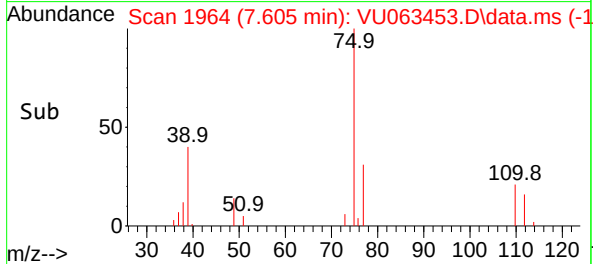
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion: 75 Resp: 9094
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.8 37.2
 39 40.0 30.7 46.1

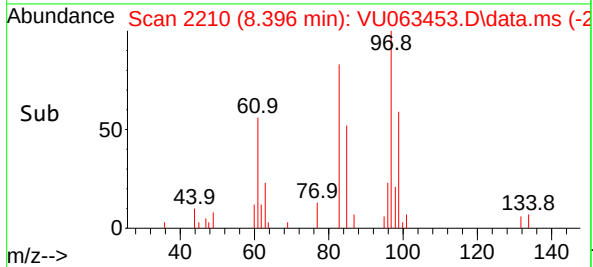
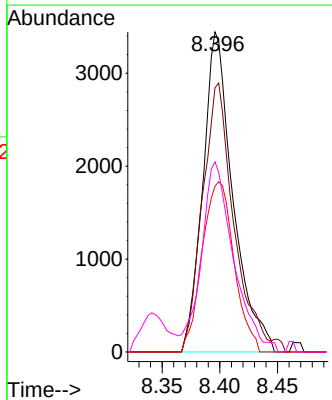
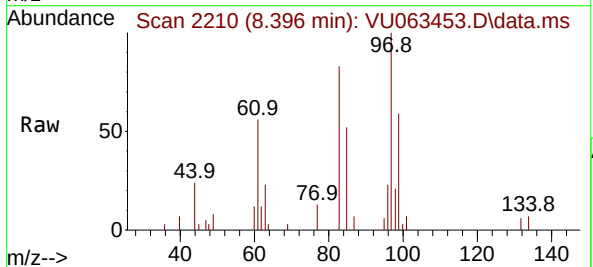
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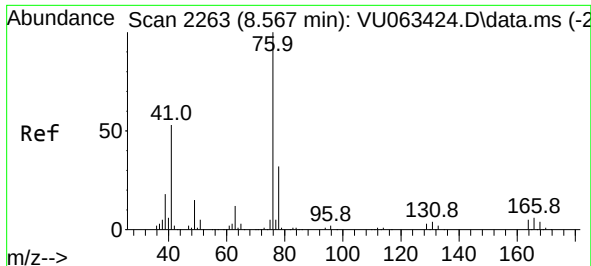
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.522 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

Tgt Ion: 97 Resp: 6242
 Ion Ratio Lower Upper
 97 100
 83 82.6 74.1 111.1
 85 51.8 45.8 68.8
 99 59.4 50.2 75.4





#53

1,3-Dichloropropane

Concen: 0.506 ug/l

RT: 8.569 min Scan# 210394

Delta R.T. 0.003 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 76 Resp: 10394

Ion Ratio Lower Upper

76 100

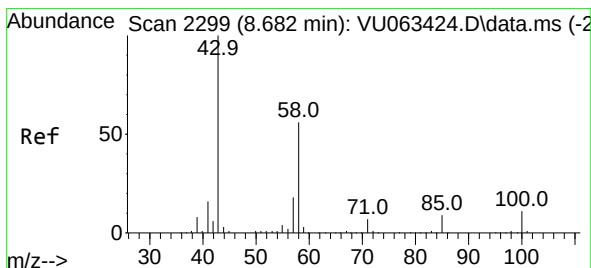
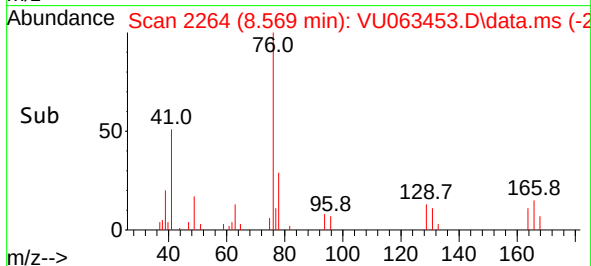
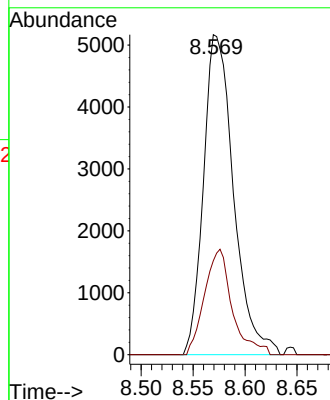
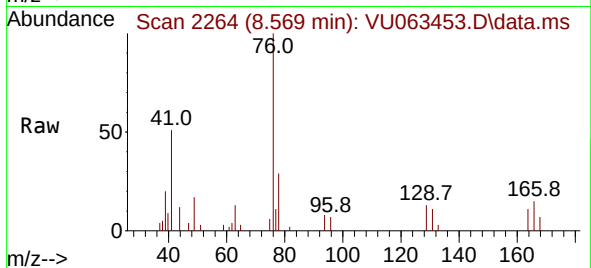
78 30.2 25.7 38.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#54

2-Hexanone

Concen: 2.487 ug/l

RT: 8.698 min Scan# 2304

Delta R.T. 0.016 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

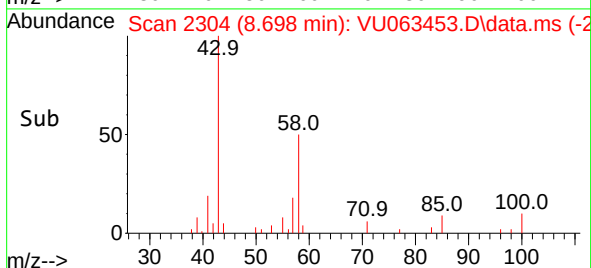
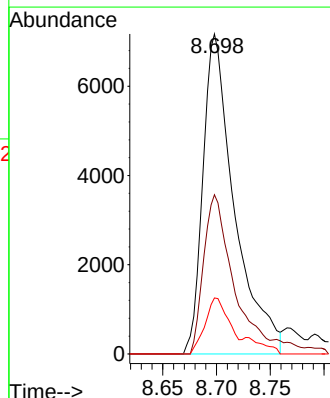
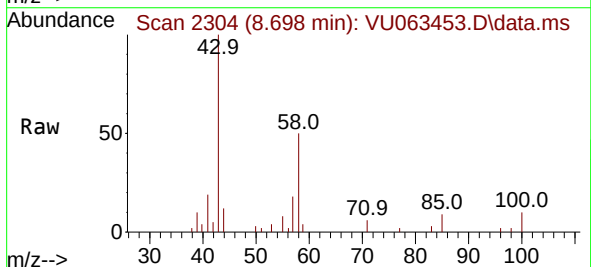
Tgt Ion: 43 Resp: 14638

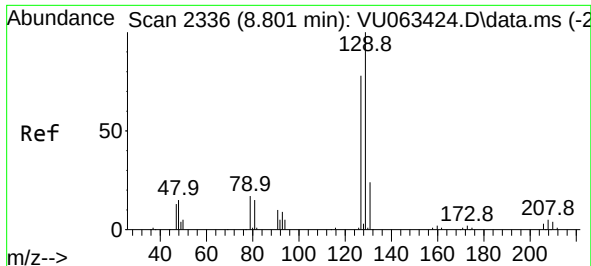
Ion Ratio Lower Upper

43 100

58 49.5 36.9 76.9

57 13.6 0.0 38.8





#55

Dibromochloromethane

Concen: 0.493 ug/l

RT: 8.804 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:129 Resp: 607

Ion Ratio Lower Upper

129 100

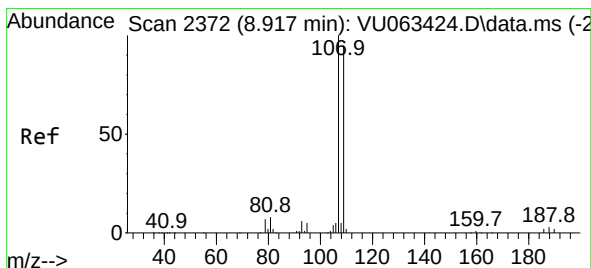
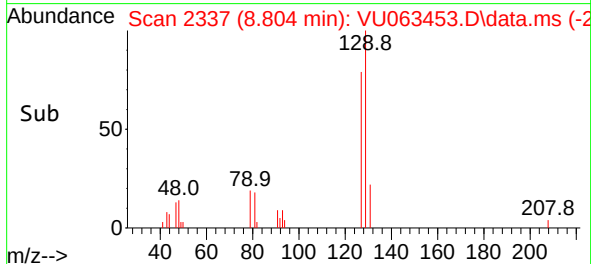
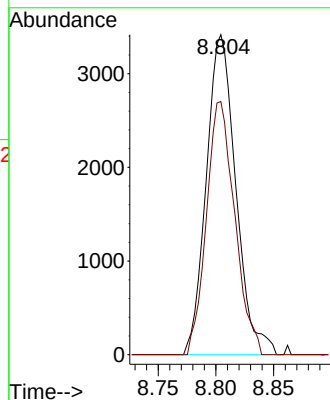
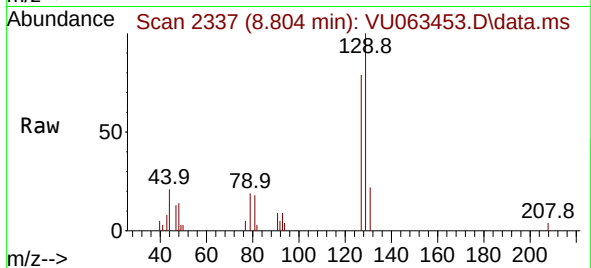
127 75.7 62.6 93.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#56

1,2-Dibromoethane

Concen: 0.497 ug/l

RT: 8.923 min Scan# 2374

Delta R.T. 0.006 min

Lab File: VU063453.D

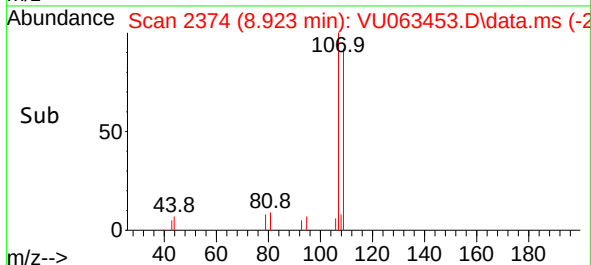
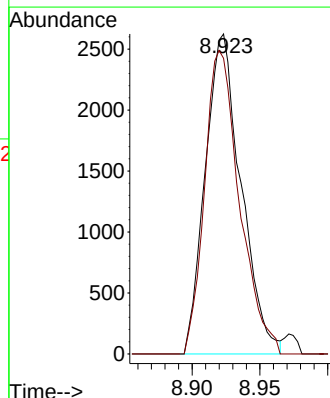
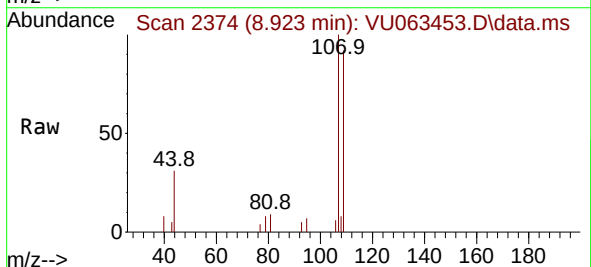
Acq: 25 Jun 2025 12:01

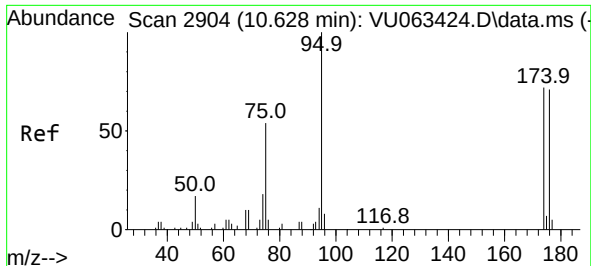
Tgt Ion:107 Resp: 4814

Ion Ratio Lower Upper

107 100

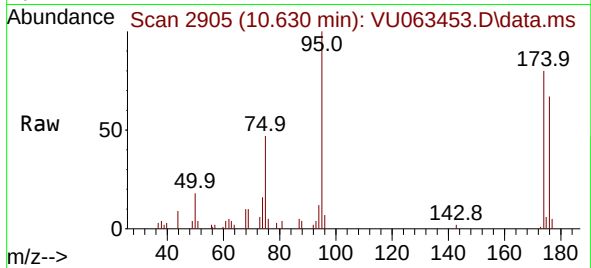
109 92.5 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.834 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.002 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

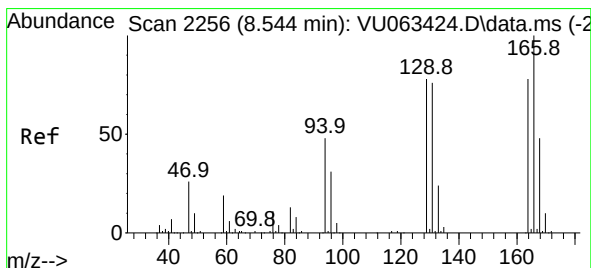
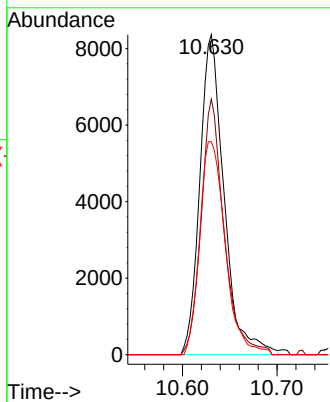
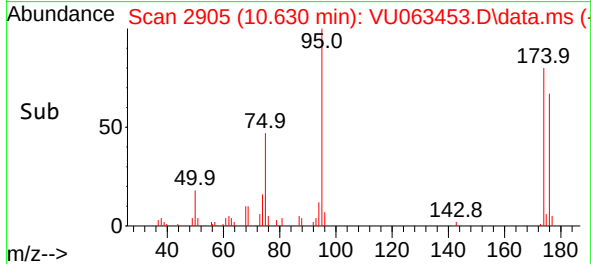
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 95 Resp: 1488
Ion Ratio Lower Upper
95 100
174 75.5 59.4 89.2
176 70.5 57.8 86.6

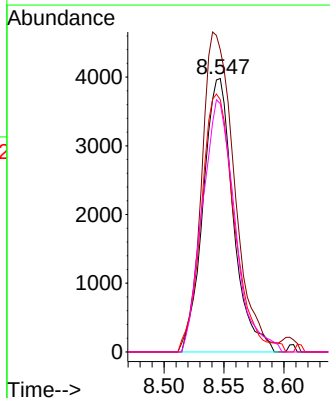
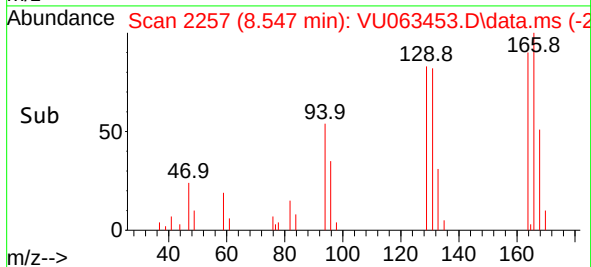
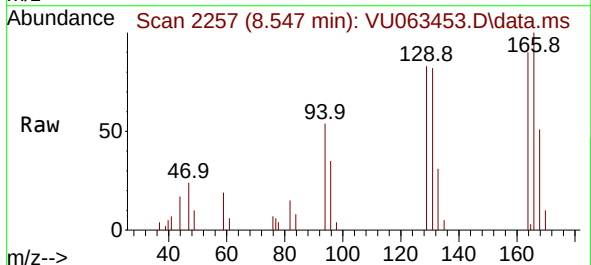
Manual Integrations
APPROVED

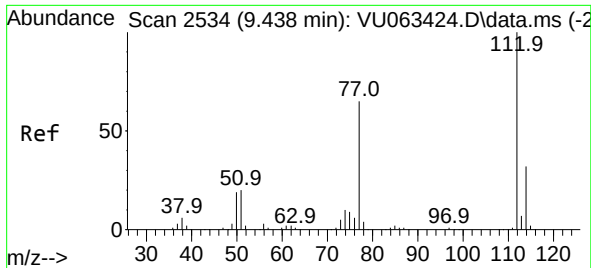
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#58
Tetrachloroethene
Concen: 0.474 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:164 Resp: 6958
Ion Ratio Lower Upper
164 100
166 110.6 102.8 154.2
129 92.3 80.2 120.2
131 90.9 77.9 116.9





#59

Chlorobenzene

Concen: 0.485 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:112 Resp: 1807

Ion Ratio Lower Upper

112 100

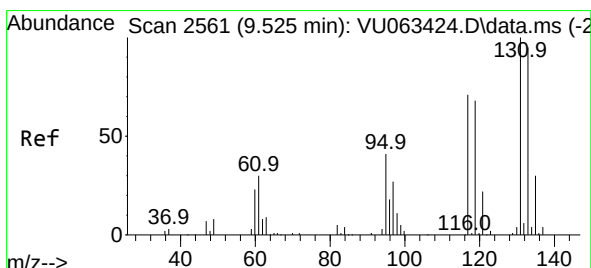
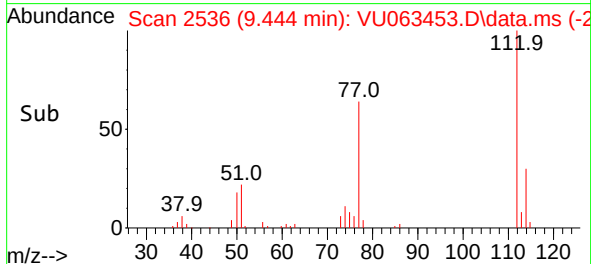
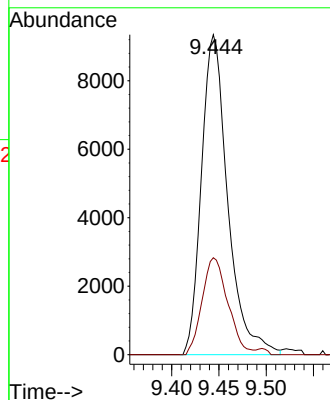
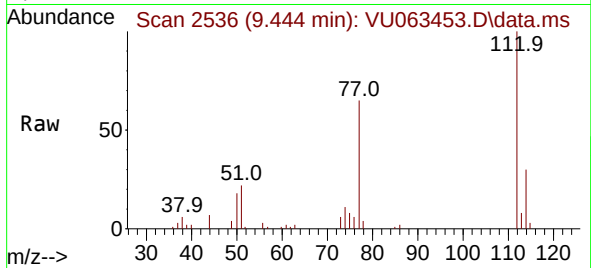
114 30.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 0.536 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

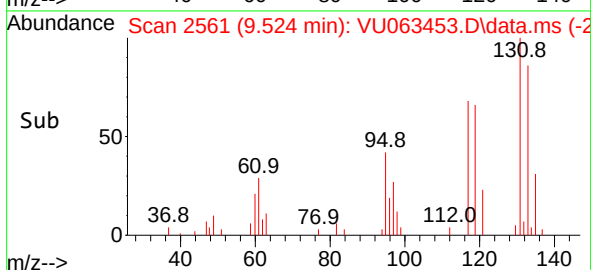
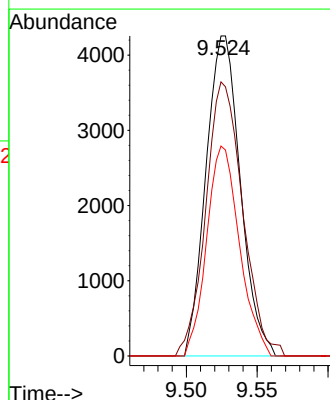
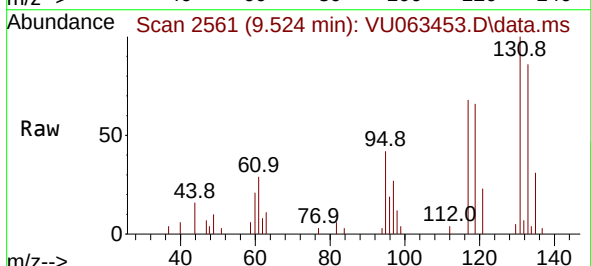
Tgt Ion:131 Resp: 7184

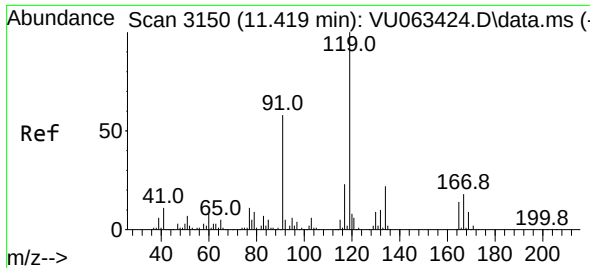
Ion Ratio Lower Upper

131 100

133 91.7 76.1 114.1

119 62.5 53.7 80.5





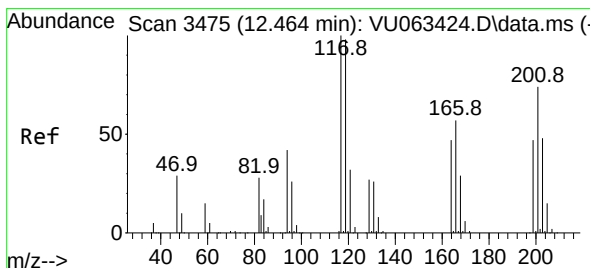
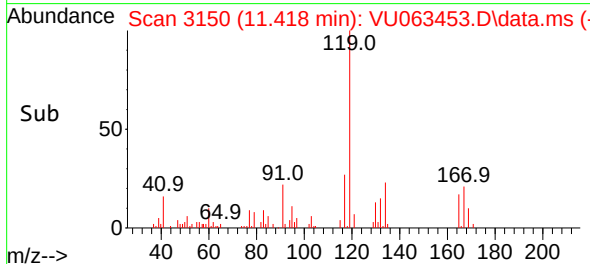
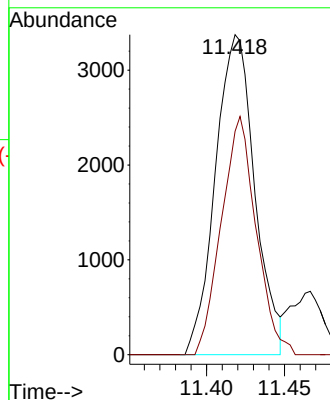
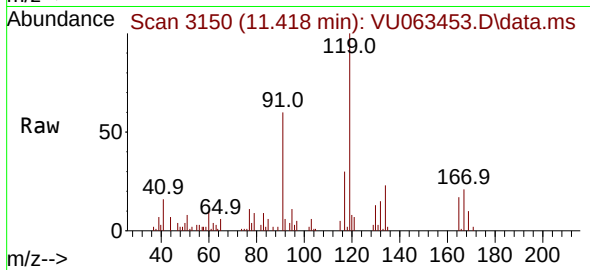
#61
Pentachloroethane
Concen: 0.543 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

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

Tgt Ion:117 Resp: 5929
Ion Ratio Lower Upper
117 100
167 65.8 58.1 87.1

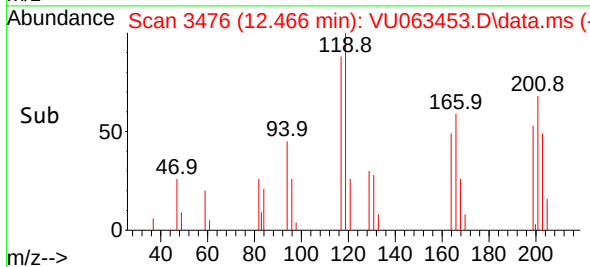
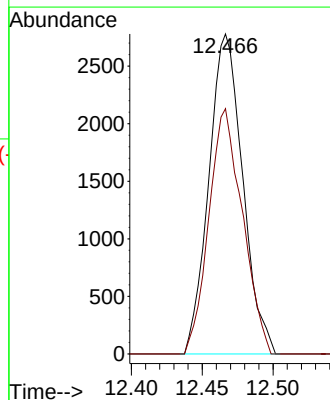
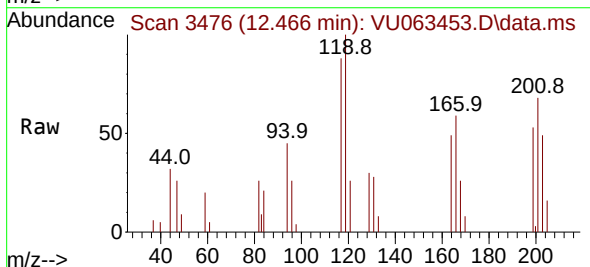
Manual Integrations
APPROVED

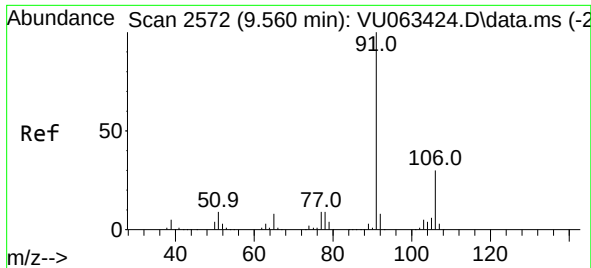
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#62
Hexachloroethane
Concen: 0.470 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:117 Resp: 4619
Ion Ratio Lower Upper
117 100
201 76.3 60.4 90.6





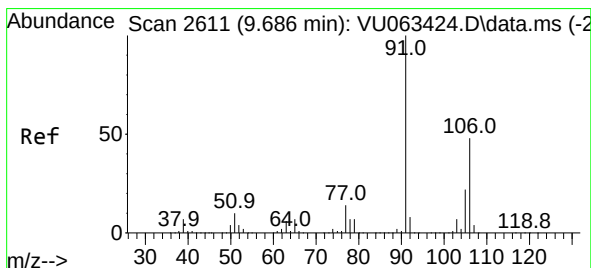
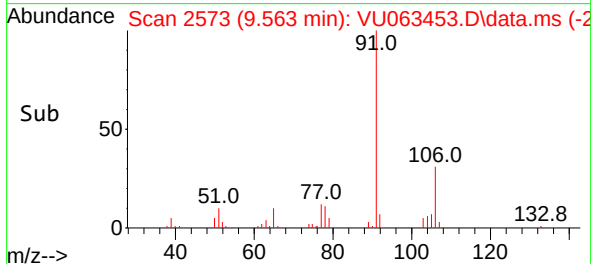
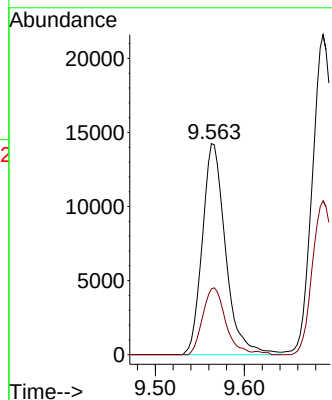
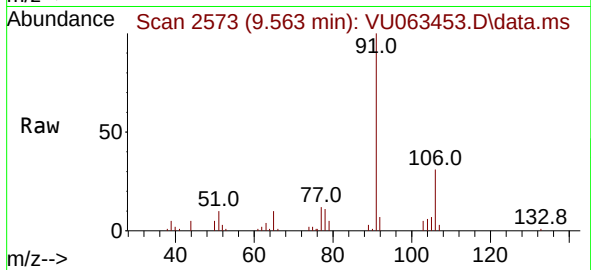
#63
Ethyl Benzene
Concen: 0.433 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

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

Tgt Ion: 91 Resp: 25834
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.2

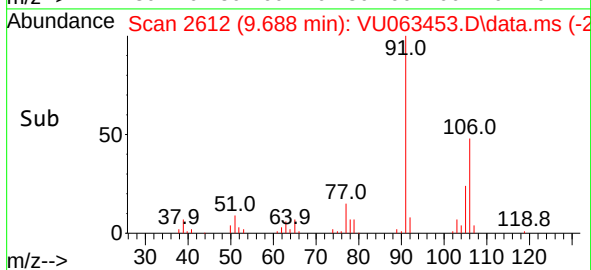
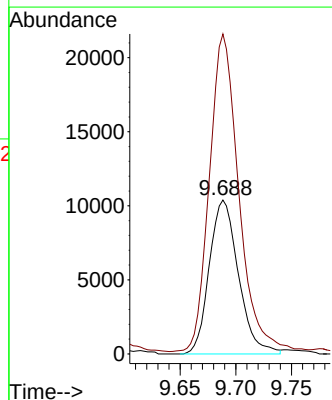
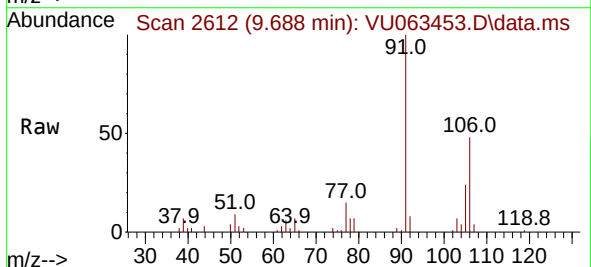
Manual Integrations
APPROVED

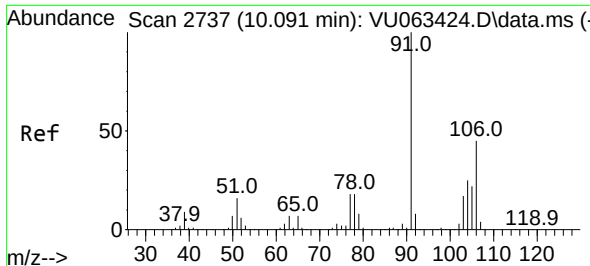
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#64
m/p-Xylenes
Concen: 0.812 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:106 Resp: 18914
Ion Ratio Lower Upper
106 100
91 208.4 169.9 254.9





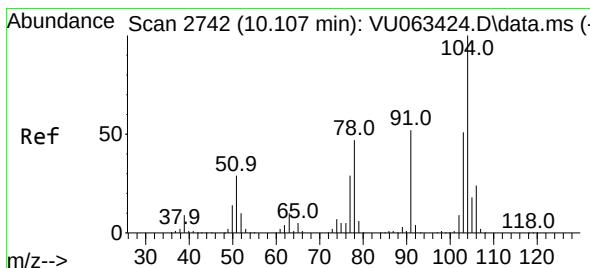
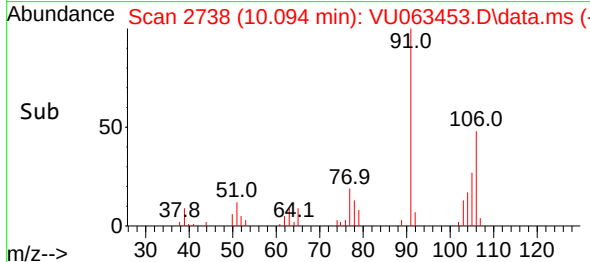
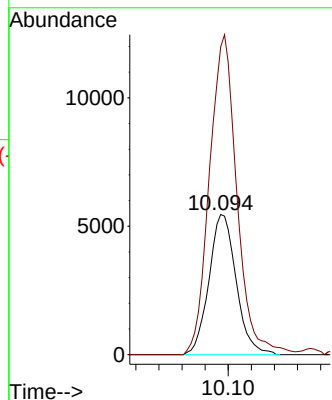
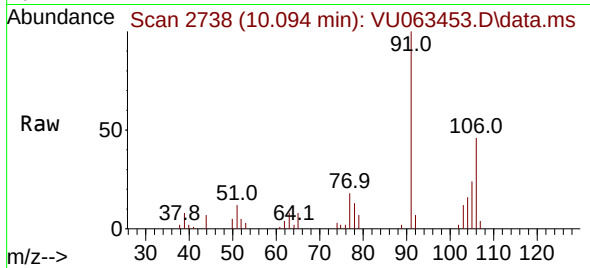
#65
o-Xylene
Concen: 0.393 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

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

Tgt Ion:106 Resp: 8920
Ion Ratio Lower Upper
106 100
91 230.2 110.8 332.3

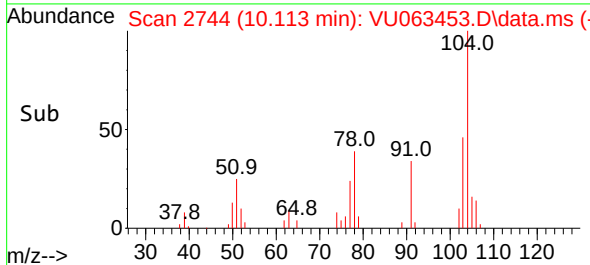
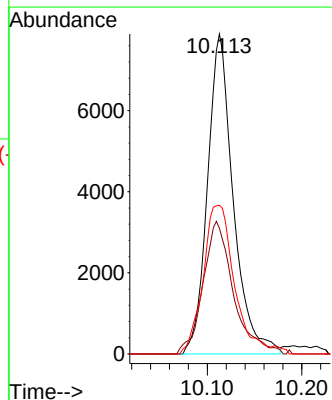
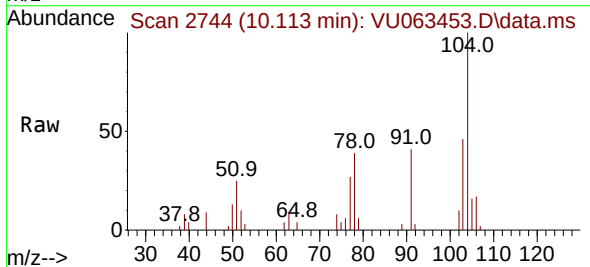
Manual Integrations
APPROVED

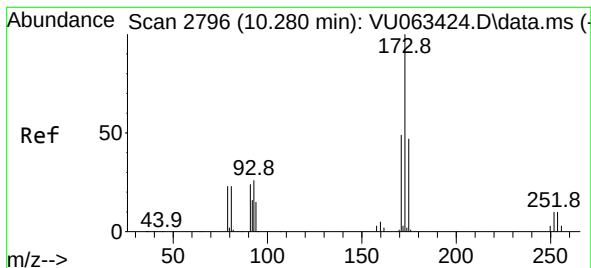
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#66
Styrene
Concen: 0.405 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:104 Resp: 14948
Ion Ratio Lower Upper
104 100
78 48.6 41.6 62.4
103 55.9 44.6 67.0





#67

Bromoform

Concen: 0.418 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063453.D

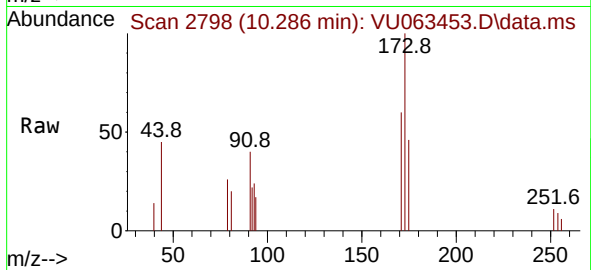
Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2025



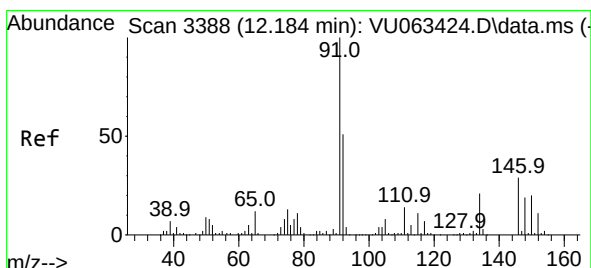
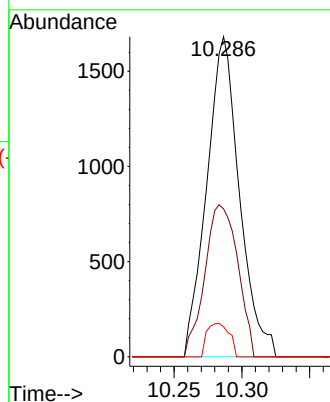
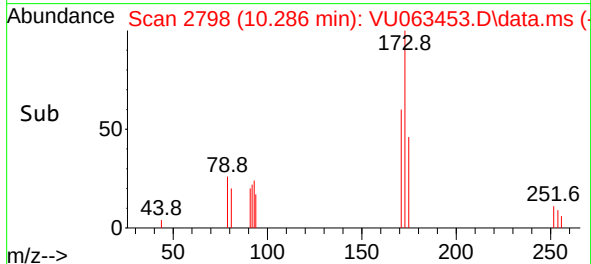
Tgt Ion:173	Resp:	2818
Ion Ratio	Lower	Upper
173	100	
175	47.8	38.2 57.2
254	7.1	7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.878 ug/l

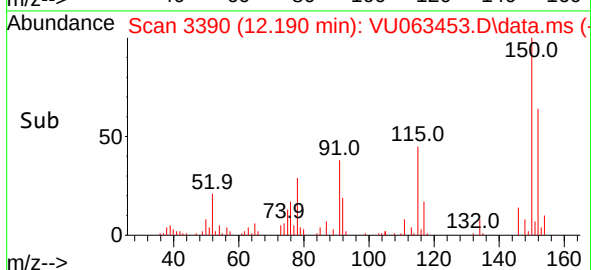
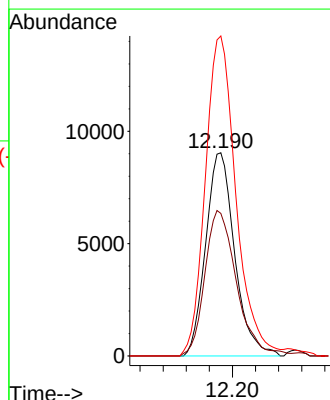
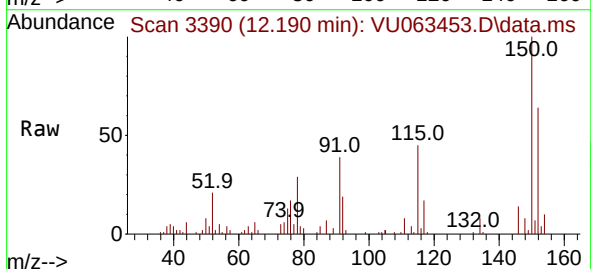
RT: 12.190 min Scan# 3390

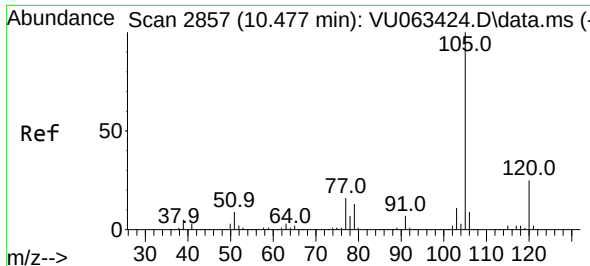
Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Tgt Ion:152	Resp:	15734
Ion Ratio	Lower	Upper
152	100	
115	78.2	0.0 327.6
150	166.6	0.0 664.4





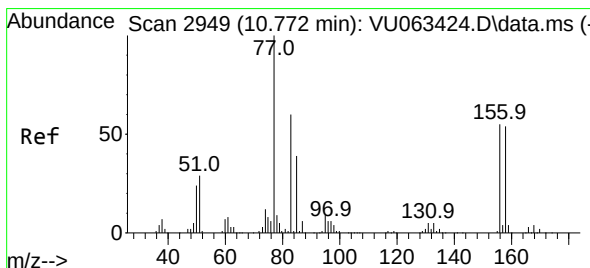
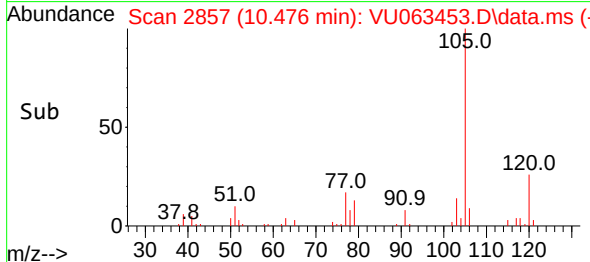
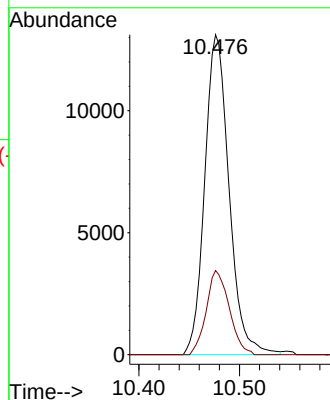
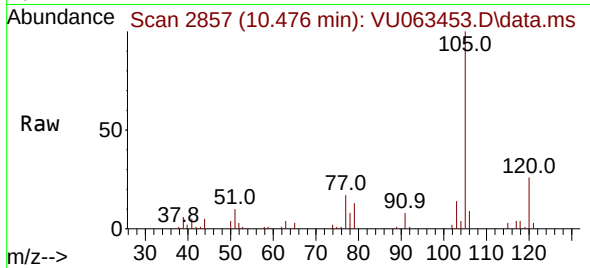
#69
Isopropylbenzene
Concen: 0.419 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

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

Tgt Ion:105 Resp: 22024
Ion Ratio Lower Upper
105 100
120 24.9 12.7 38.1

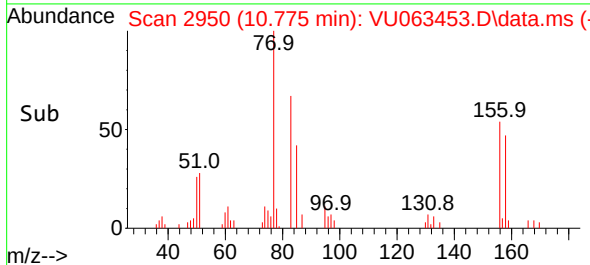
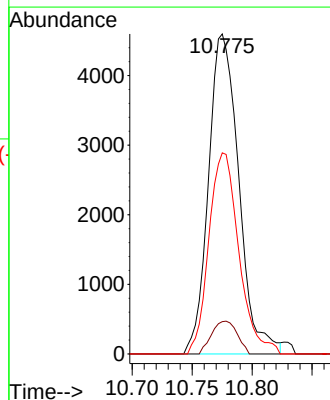
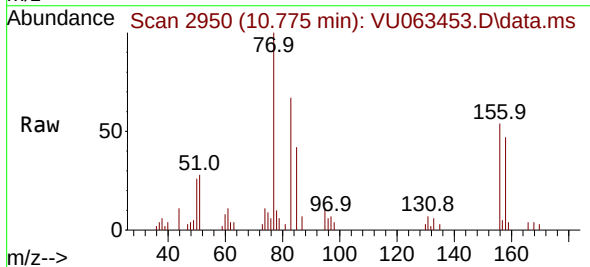
Manual Integrations
APPROVED

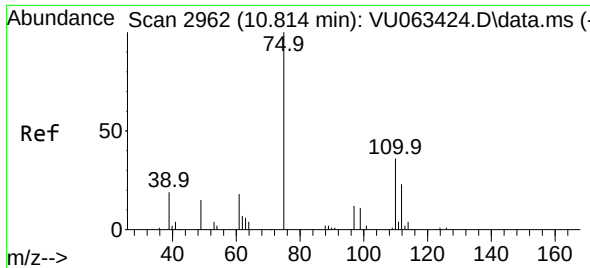
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 0.528 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

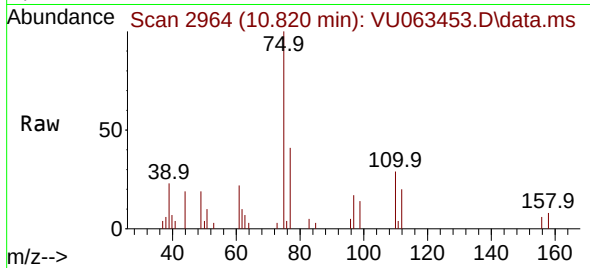
Tgt Ion: 83 Resp: 8076
Ion Ratio Lower Upper
83 100
131 8.6 7.4 11.0
85 62.2 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 0.537 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

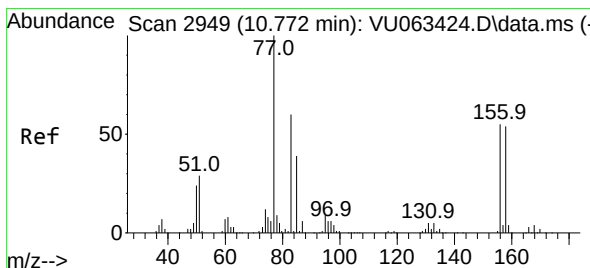
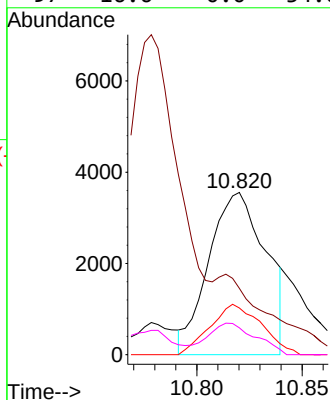
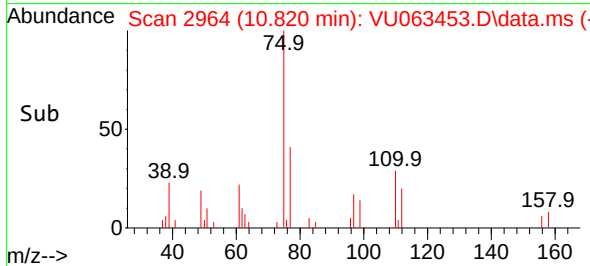
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



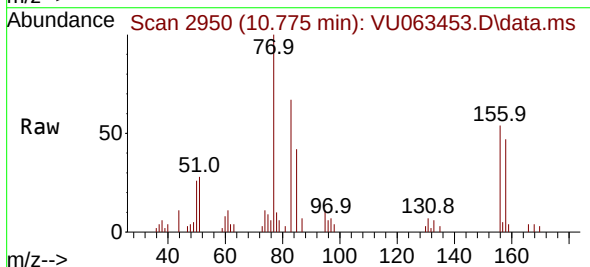
Tgt Ion: 75 Resp: 6700
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 28.1 0.0 63.4
97 16.6 0.0 34.0

Manual Integrations
APPROVED

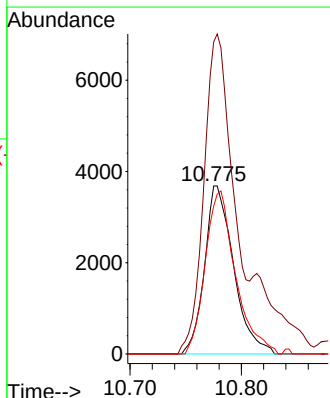
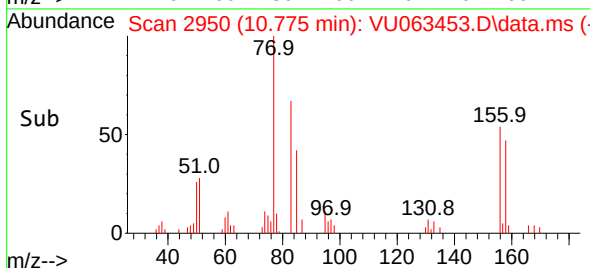
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

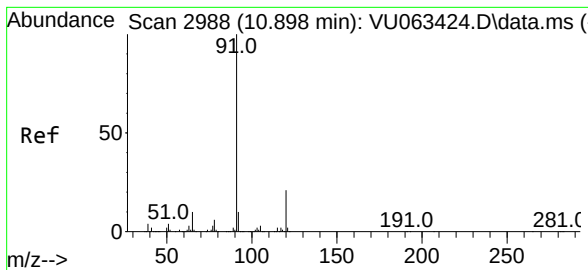


#72
Bromobenzene
Concen: 0.453 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01



Tgt Ion:156 Resp: 6685
Ion Ratio Lower Upper
156 100
77 188.9 0.0 416.2
158 100.8 0.0 190.6





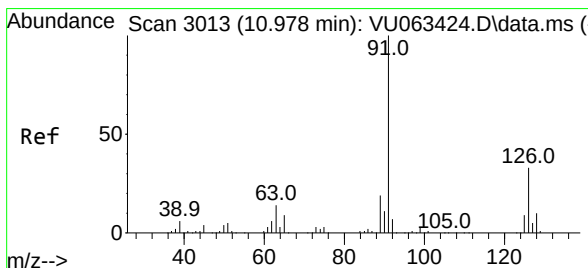
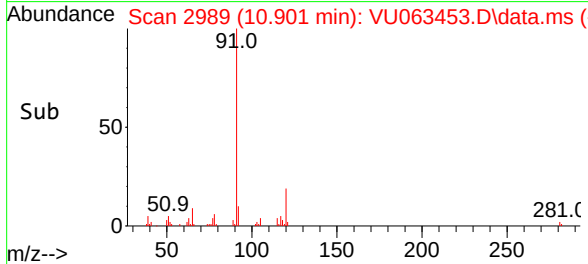
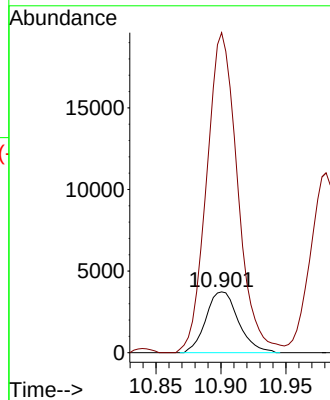
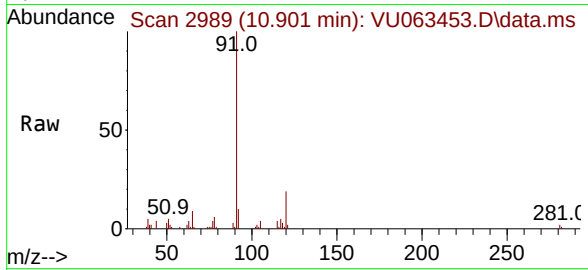
#73
n-propylbenzene
Concen: 0.408 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

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

Tgt Ion:120 Resp: 649
Ion Ratio Lower Upper
120 100
91 502.0 373.7 560.5

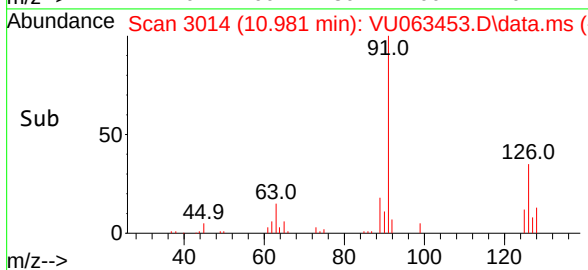
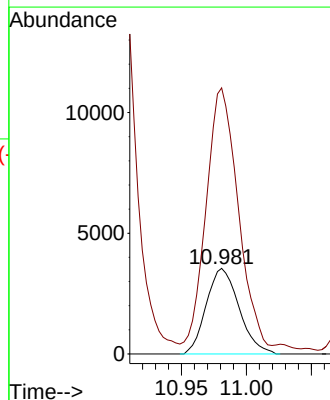
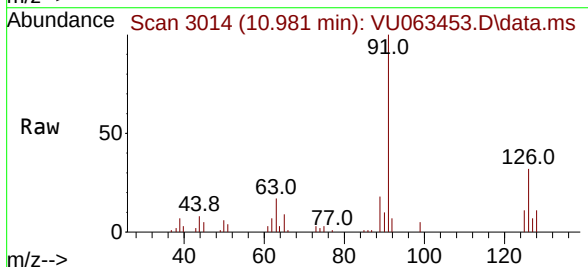
Manual Integrations
APPROVED

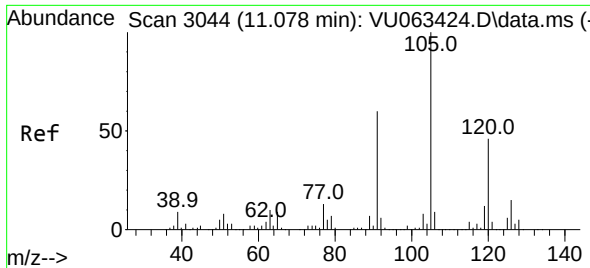
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#74
2-Chlorotoluene
Concen: 0.426 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

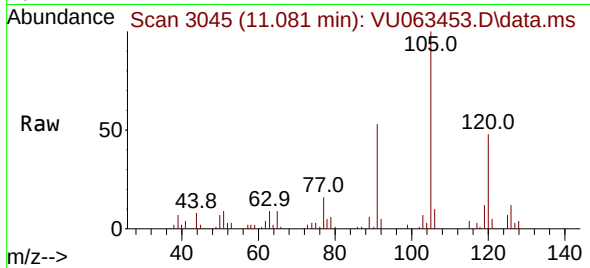
Tgt Ion:126 Resp: 6216
Ion Ratio Lower Upper
126 100
91 292.9 0.0 650.8





#75
1,3,5-Trimethylbenzene
Concen: 0.392 ug/l
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

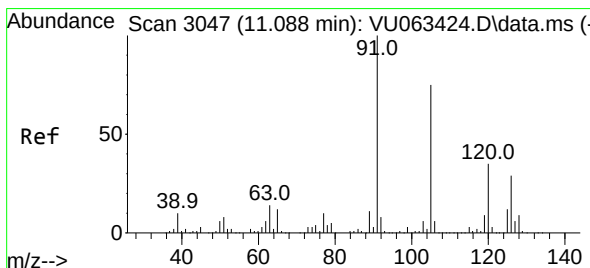
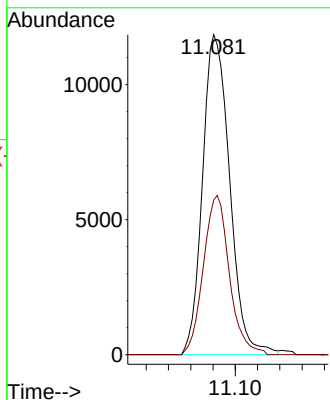
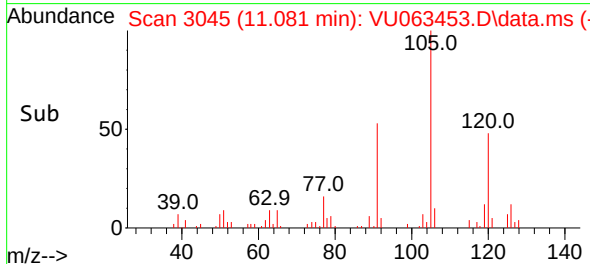
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:105 Resp: 2003
Ion Ratio Lower Upper
105 100
120 47.7 37.0 55.4

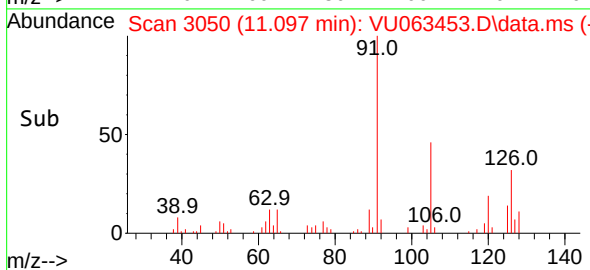
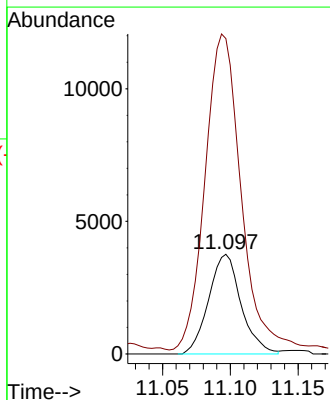
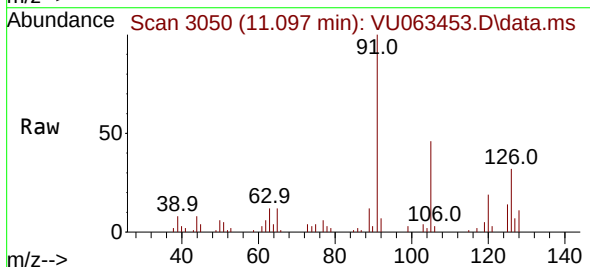
Manual Integrations
APPROVED

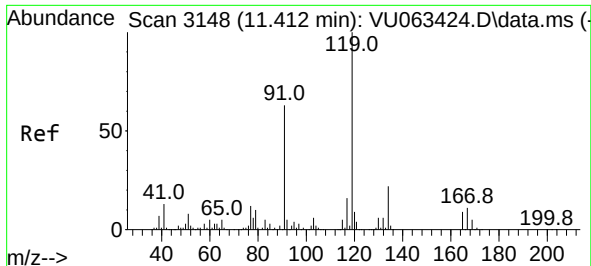
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#76
4-Chlorotoluene
Concen: 0.410 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.009 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

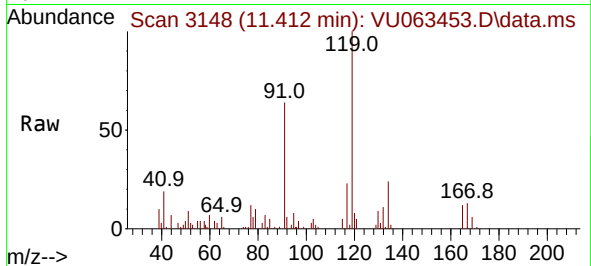
Tgt Ion:126 Resp: 6257
Ion Ratio Lower Upper
126 100
91 353.4 0.0 713.2





#77
tert-Butylbenzene
Concen: 0.439 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

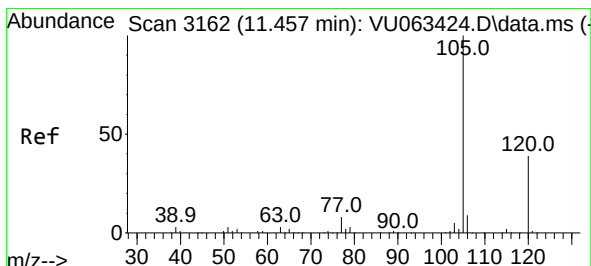
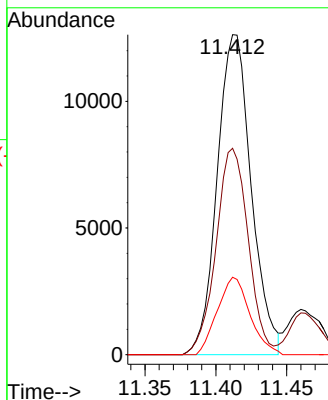
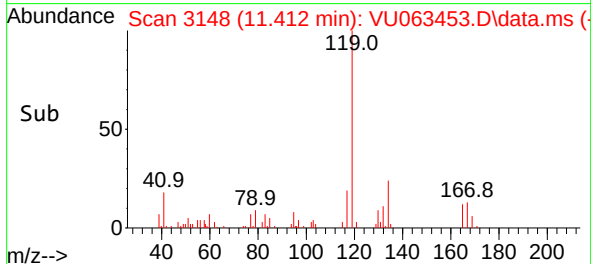
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2025



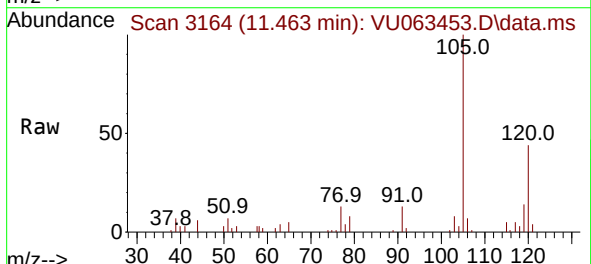
Tgt Ion:119 Resp: 2117
Ion Ratio Lower Upper
119 100
91 60.9 30.9 92.7
134 23.1 17.9 26.9

Manual Integrations
APPROVED

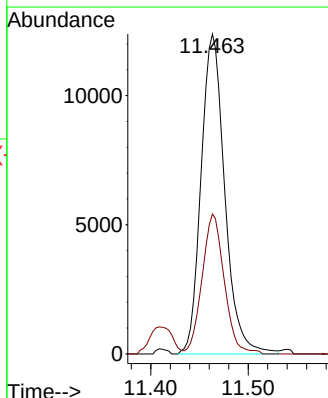
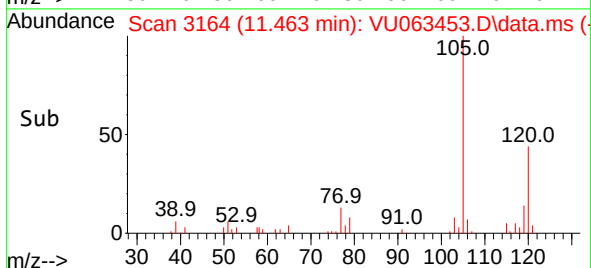
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

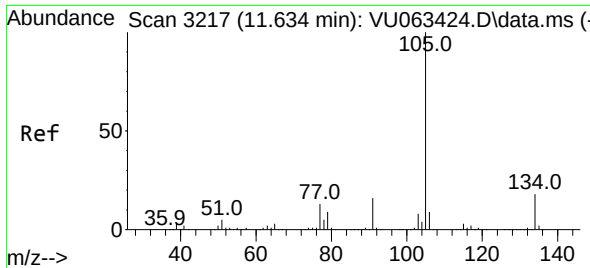


#78
1,2,4-Trimethylbenzene
Concen: 0.406 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01



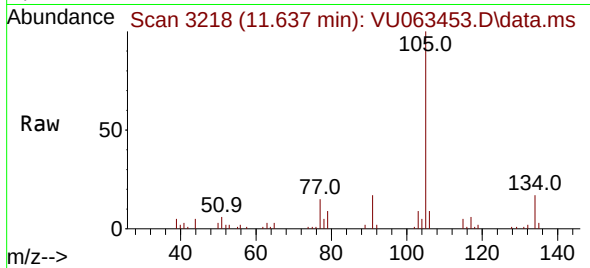
Tgt Ion:105 Resp: 20892
Ion Ratio Lower Upper
105 100
120 40.9 22.1 66.5





#79
 sec-Butylbenzene
 Concen: 0.420 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

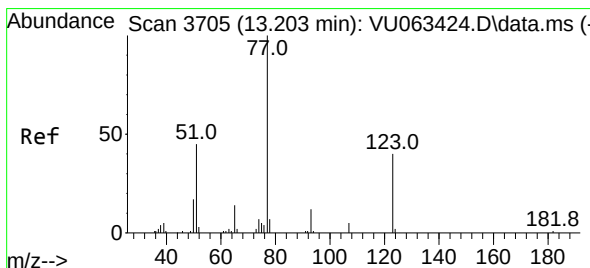
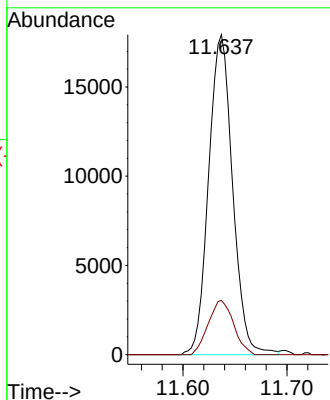
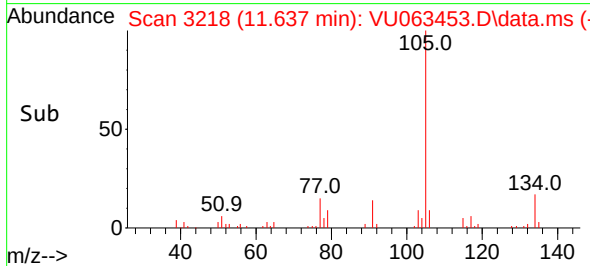
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion:105 Resp: 28718
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.8 22.2

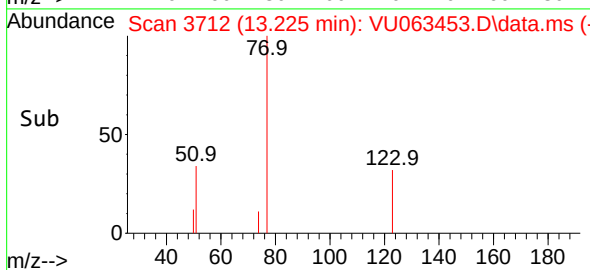
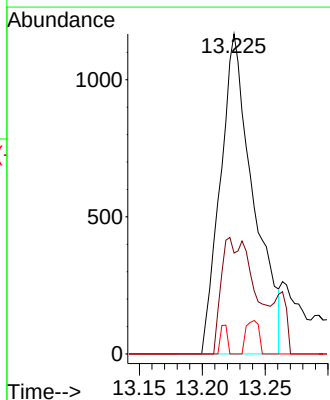
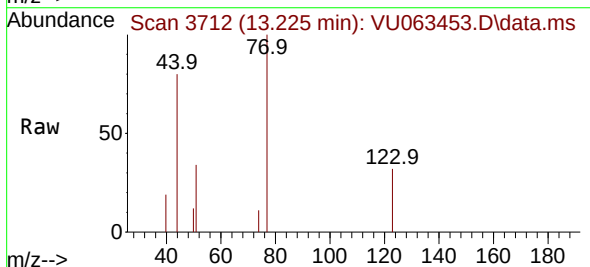
Manual Integrations
 APPROVED

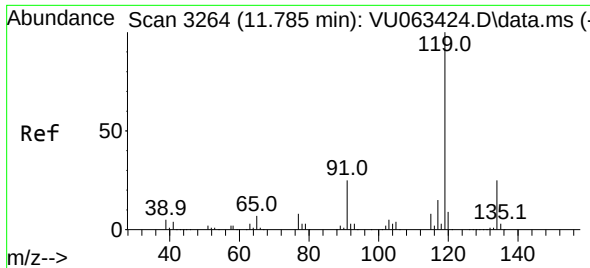
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#80
 Nitrobenzene
 Concen: 3.053 ug/l m
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.022 min
 Lab File: VU063453.D
 Acq: 25 Jun 2025 12:01

Tgt Ion: 77 Resp: 2126
 Ion Ratio Lower Upper
 77 100
 123 25.9 19.6 69.6
 65 1.9 10.6 13.4#





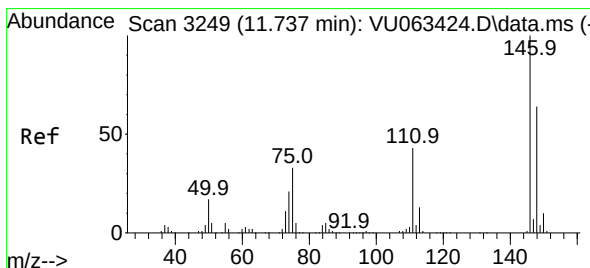
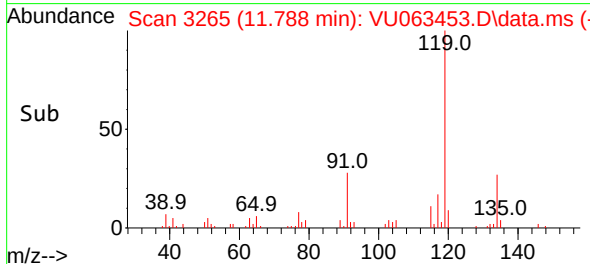
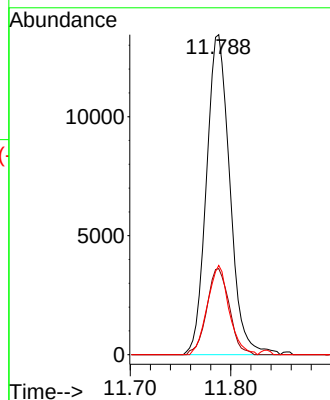
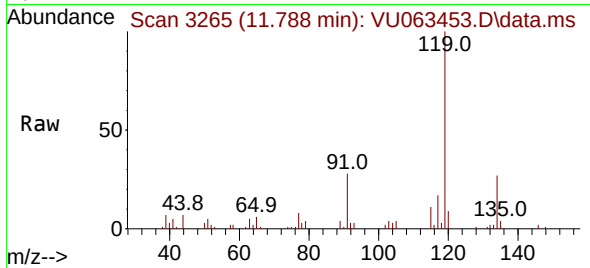
#81
p-Isopropyltoluene
Concen: 0.407 ug/l
RT: 11.788 min Scan# 3174
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

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

Tgt Ion:119 Resp: 2174
Ion Ratio Lower Upper
119 100
134 25.8 20.2 30.2
91 25.8 19.7 29.5

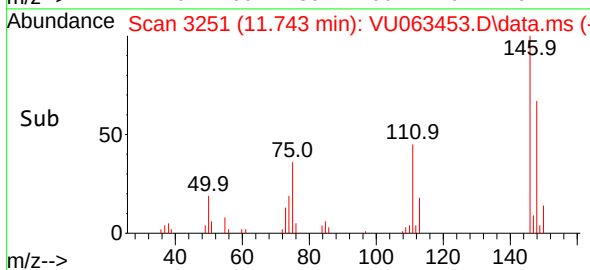
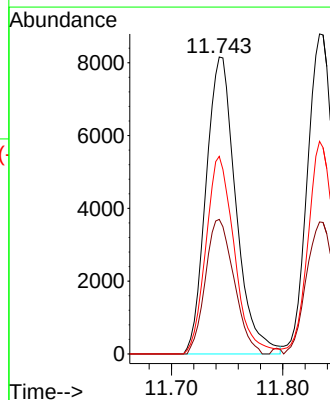
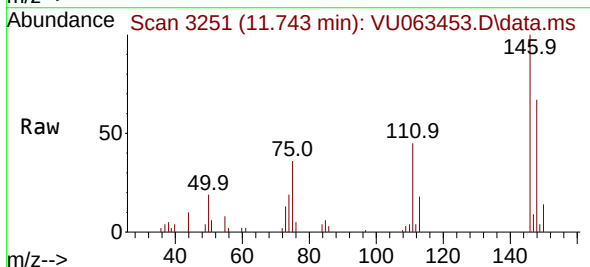
Manual Integrations
APPROVED

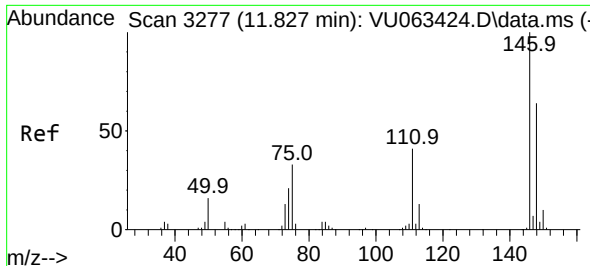
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#82
1,3-Dichlorobenzene
Concen: 0.498 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

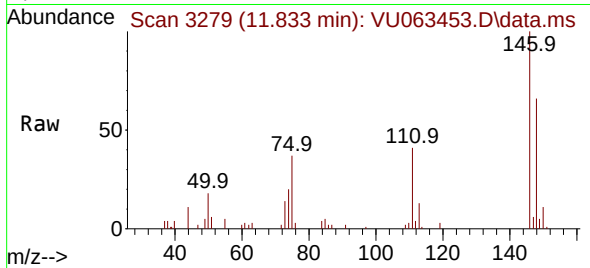
Tgt Ion:146 Resp: 15204
Ion Ratio Lower Upper
146 100
111 43.2 34.3 51.5
148 63.3 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.498 ug/l m
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

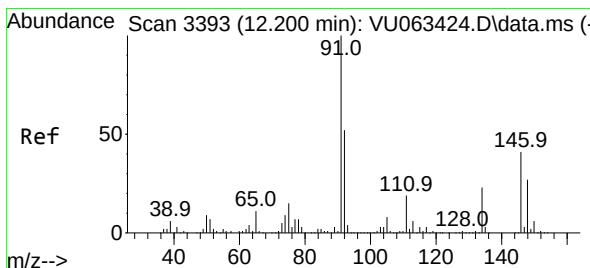
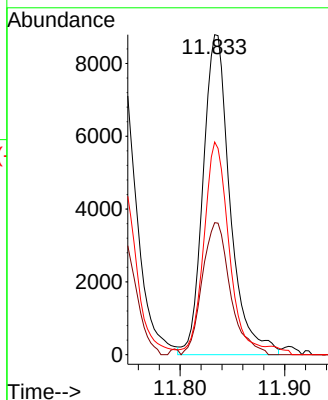
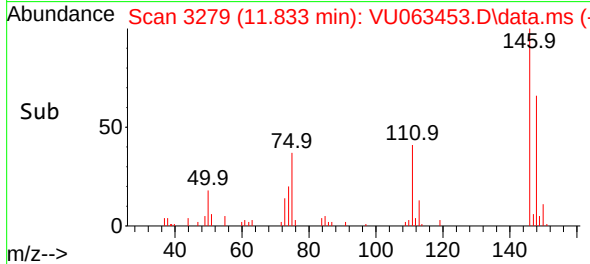
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



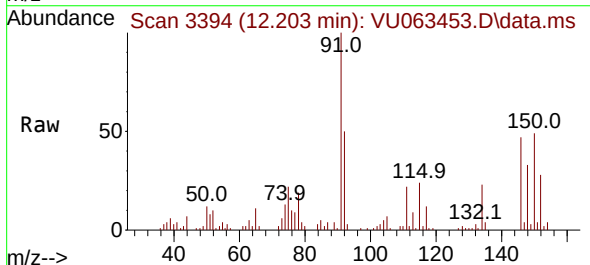
Tgt Ion:146 Resp: 15779
Ion Ratio Lower Upper
146 100
111 42.9 31.7 47.5
148 58.3 51.4 77.0

Manual Integrations
APPROVED

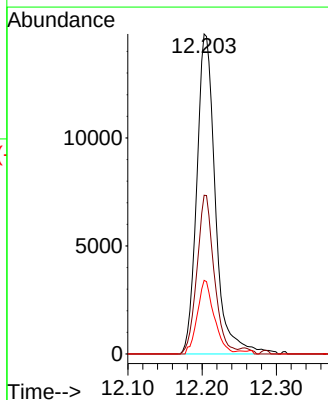
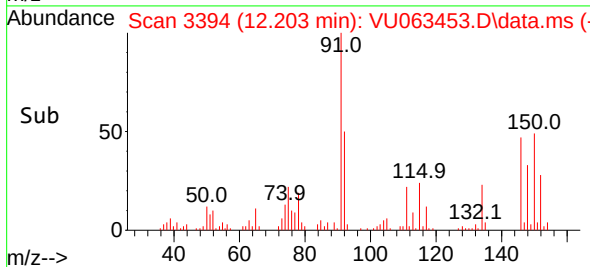
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

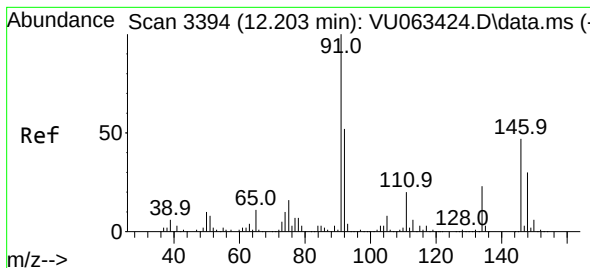


#84
n-Butylbenzene
Concen: 0.462 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01



Tgt Ion: 91 Resp: 25842
Ion Ratio Lower Upper
91 100
92 46.0 41.0 61.6
134 20.9 18.5 27.7





#85

1,2-Dichlorobenzene

Concen: 0.496 ug/l

RT: 12.209 min Scan# 3394

Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

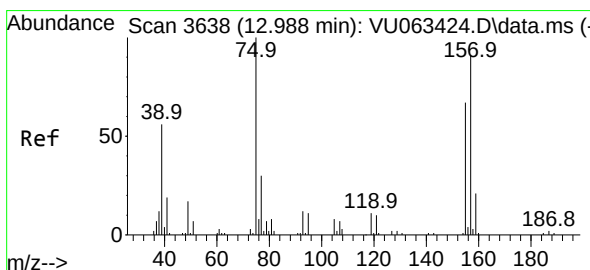
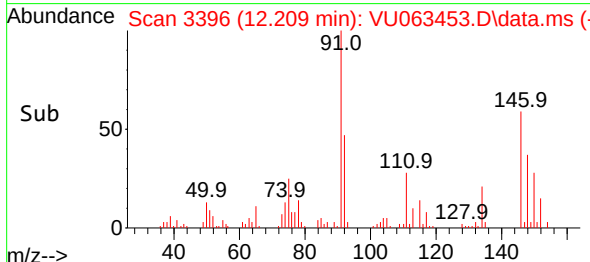
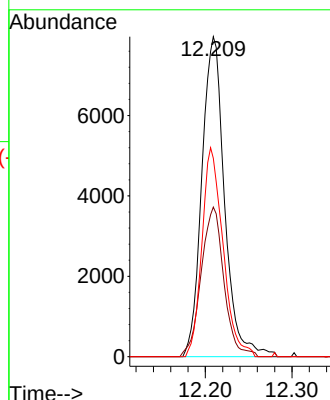
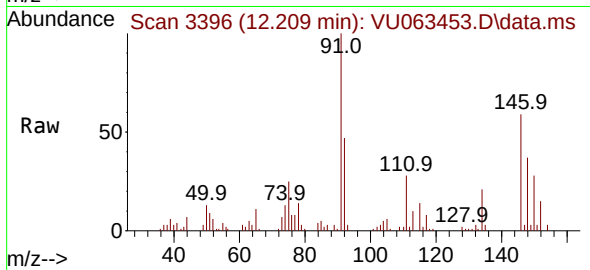
LOQ-WATER-02-QT2-2025

Tgt Ion:	146	Resp:	14500
Ion Ratio	Lower	Upper	
146	100		
111	46.7	21.8	65.4
148	60.7	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.576 ug/l

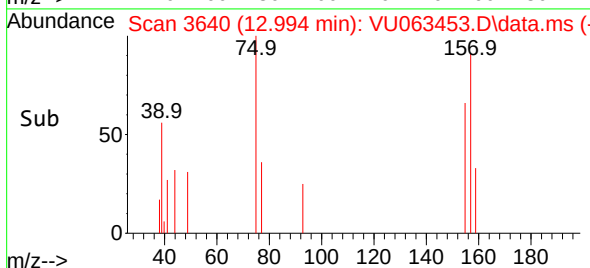
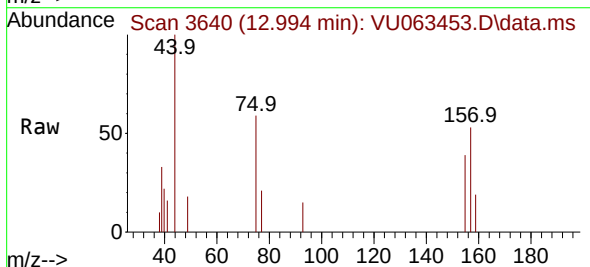
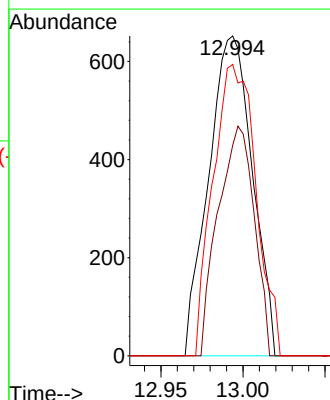
RT: 12.994 min Scan# 3640

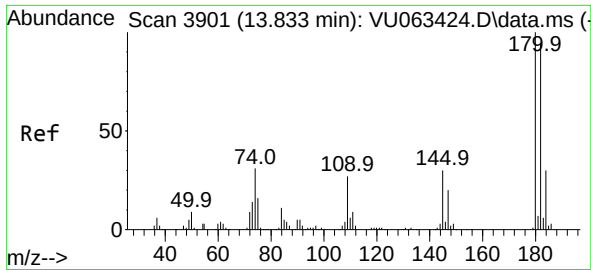
Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

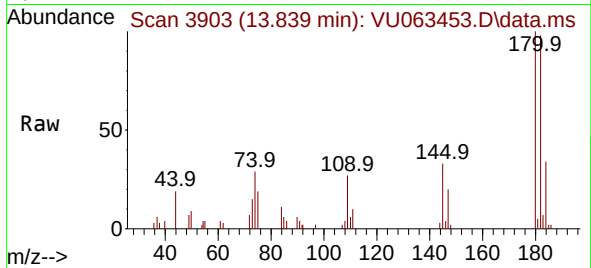
Tgt Ion:	75	Resp:	1210
Ion Ratio	Lower	Upper	
75	100		
155	59.1	59.7	89.5#
157	89.0	75.0	112.4





#87
1,2,4-Trichlorobenzene
Concen: 0.557 ug/l
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

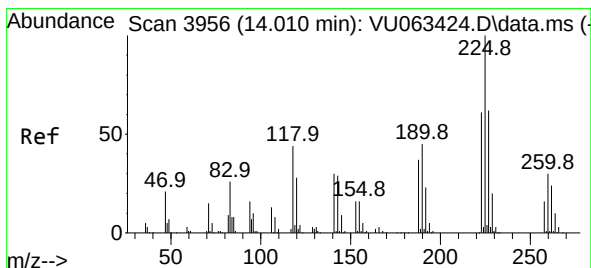
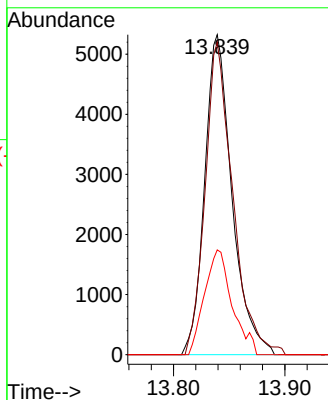
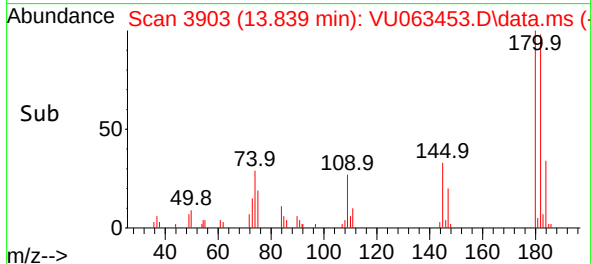
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:180 Resp: 908
Ion Ratio Lower Upper
180 100
182 98.8 75.6 113.4
145 33.0 24.6 36.8

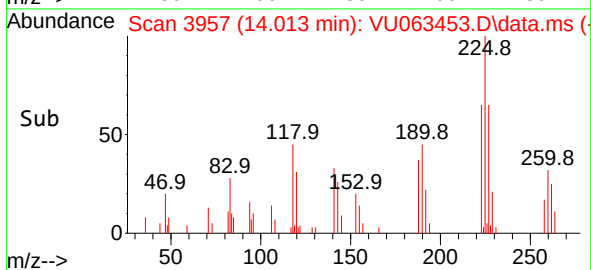
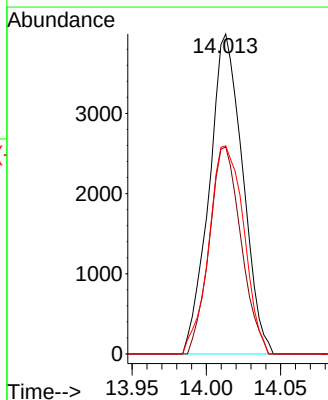
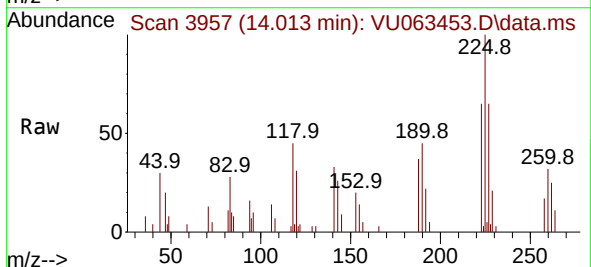
Manual Integrations
APPROVED

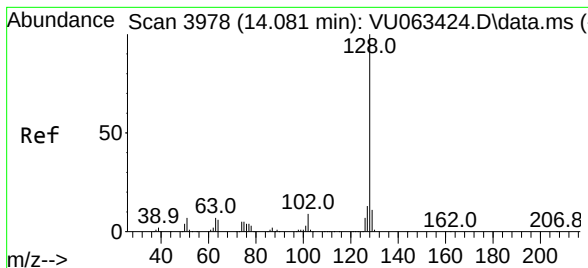
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#88
Hexachlorobutadiene
Concen: 0.541 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063453.D
Acq: 25 Jun 2025 12:01

Tgt Ion:225 Resp: 6257
Ion Ratio Lower Upper
225 100
223 61.3 50.0 75.0
227 67.7 51.5 77.3





#89

Naphthalene

Concen: 0.676 ug/l

RT: 14.090 min Scan# 3978

Delta R.T. 0.009 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Instrument :

MSVOA_U

ClientSampleId :

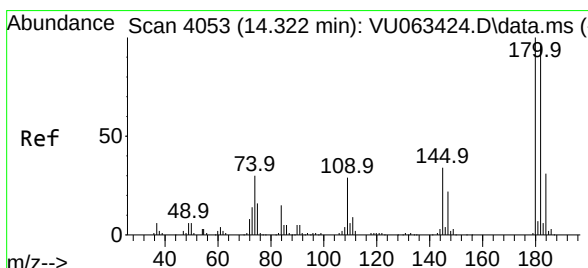
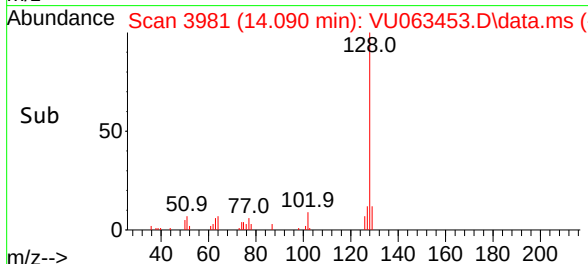
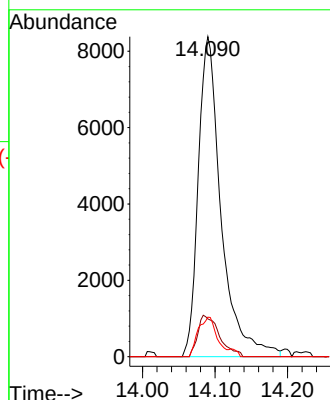
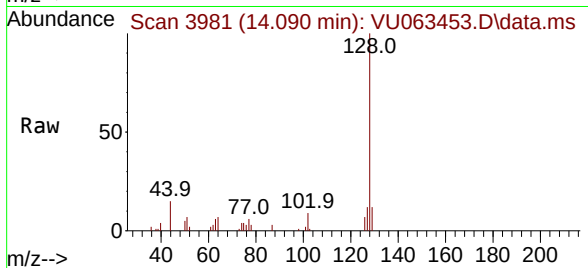
LOQ-WATER-02-QT2-2025

Tgt Ion:128	Resp:	1836
Ion Ratio	Lower	Upper
128	100	
127	12.2	10.4 15.6
129	10.3	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#90

1,2,3-Trichlorobenzene

Concen: 0.581 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU063453.D

Acq: 25 Jun 2025 12:01

Tgt Ion:180	Resp:	9420
Ion Ratio	Lower	Upper
180	100	
182	94.8	76.7 115.1
145	31.6	27.4 41.2

