

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
 Data File : VU063575.D
 Acq On : 15 Sep 2025 13:11
 Operator : MD/SY
 Sample : Q2893-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

Quant Time: Sep 16 05:06:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Sep 16 05:06:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

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

Internal Standards						
1) Fluorobenzene	6.097	96	33109	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11447	0.928	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	11918	0.948	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	5039	0.461	ug/l	97
3) Chloromethane	1.518	50	6233	0.583	ug/l	91
4) Vinyl Chloride	1.599	62	5439	0.469	ug/l	92
5) Bromomethane	1.843	94	4481	0.626	ug/l	85
6) Chloroethane	1.920	64	3742	0.502	ug/l	100
7) Trichlorofluoromethane	2.126	101	8806	0.518	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	4668	0.490	ug/l	94
9) 1,1-Dichloroethene	2.567	96	4404	0.510	ug/l	97
11) Allyl Chloride	2.907	41	6276	0.437	ug/l	94
12) Acrylonitrile	3.309	53	2934m	1.123	ug/l	
13) Acetone	2.621	43	6779	1.834	ug/l	89
14) Carbon Disulfide	2.775	76	8117	0.450	ug/l	97
15) Methylene Chloride	3.026	84	8603	0.755	ug/l	95
16) trans-1,2-Dichloroethene	3.335	96	4504	0.490	ug/l	94
17) 1,1-Dichloroethane	3.849	63	10387	0.493	ug/l	97
18) 2-Butanone	4.718	43	9193	2.183	ug/l	91
19) Cyclohexane	5.357	56	7653	0.454	ug/l #	88
20) Methylcyclohexane	6.737	83	6978	0.451	ug/l	99
21) 2,2-Dichloropropane	4.644	77	7282	0.467	ug/l	94
22) cis-1,2-Dichloroethene	4.650	96	5627	0.499	ug/l	94
23) Diethyl Ether	2.370	59	3920	0.513	ug/l #	91
25) Methyl tert-Butyl Ether	3.361	73	12333	0.479	ug/l	98
26) Bromochloromethane	4.952	128	2251	0.493	ug/l	97
27) Chloroform	5.071	83	10558	0.501	ug/l	98
28) 1,1,1-Trichloroethane	5.290	97	7422	0.458	ug/l	99
29) 1,1-Dichloropropene	5.505	75	7177	0.477	ug/l	95
30) Carbon Tetrachloride	5.502	117	5377	0.451	ug/l	99
31) Isopropyl Ether	3.997	45	18385	0.521	ug/l	93
32) Ethyl-t-butyl ether	4.505	59	15347	0.509	ug/l	95
33) Tert-Amyl methyl ether	5.939	73	12717	0.495	ug/l	96
34) Propionitrile	4.772	54	2708	2.749	ug/l #	92
35) Benzene	5.756	78	21207	0.489	ug/l	98
36) 1,2-Dichloroethane	5.779	62	7138	0.488	ug/l #	91
37) Trichloroethene	6.525	130	5485	0.509	ug/l	82
38) 1,2-Dichloropropane	6.779	63	5202	0.453	ug/l	96
39) Methacrylonitrile	4.978	41	1921	0.413	ug/l #	80
40) Methyl acrylate	4.849	55	3699m	0.580	ug/l	
41) Tetrahydrofuran	5.058	42	3068	1.266	ug/l #	82
42) 1-Chlorobutane	5.441	56	10954	0.519	ug/l	89
43) Dibromomethane	6.907	93	2691	0.489	ug/l	91
44) Bromodichloromethane	7.094	83	4947	0.421	ug/l	98
45) 4-Methyl-2-Pentanone	7.801	43	16652	2.416	ug/l	94
46) t-1,4-Dichloro-2-butene	10.827	75	1563m	0.606	ug/l	

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 LOQ-WATER-02-QT3-2025

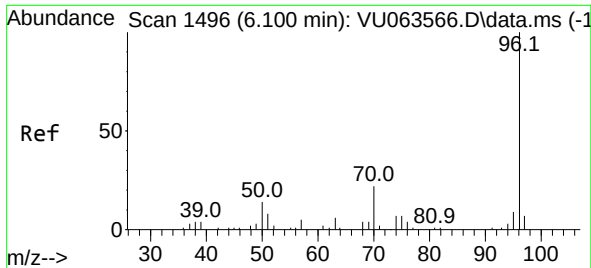
Quant Time: Sep 16 05:06:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
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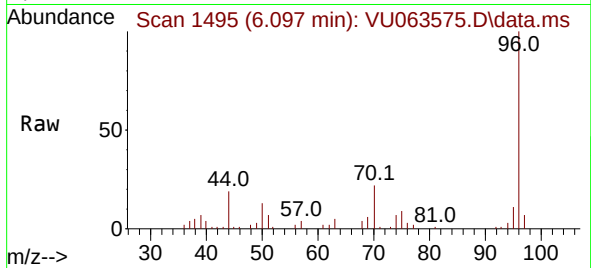
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.965	69	4060	0.825	ug/l	88
48) Ethyl methacrylate	8.341	69	3963	0.434	ug/l	95
49) Toluene	7.962	92	11134	0.473	ug/l	97
50) t-1,3-Dichloropropene	8.209	75	3632	0.412	ug/l	89
51) cis-1,3-Dichloropropene	7.605	75	5023	0.429	ug/l #	93
52) 1,1,2-Trichloroethane	8.396	97	3555	0.456	ug/l	91
53) 1,3-Dichloropropane	8.569	76	6195	0.458	ug/l	100
54) 2-Hexanone	8.695	43	10355	2.056	ug/l	99
55) Dibromochloromethane	8.801	129	2877	0.381	ug/l	97
56) 1,2-Dibromoethane	8.920	107	2806	0.418	ug/l	100
58) Tetrachloroethene	8.544	164	4665	0.439	ug/l	90
59) Chlorobenzene	9.444	112	12472	0.460	ug/l	90
60) 1,1,1,2-Tetrachloroethane	9.528	131	3550	0.401	ug/l	90
61) Pentachloroethane	11.412	117	2699	0.425	ug/l	90
62) Hexachloroethane	12.466	117	2164	0.392	ug/l	84
63) Ethyl Benzene	9.563	91	20694	0.447	ug/l	96
64) m/p-Xylenes	9.688	106	14879	0.837	ug/l	87
65) o-Xylene	10.094	106	7862	0.442	ug/l	96
66) Styrene	10.113	104	11759	0.414	ug/l	95
67) Bromoform	10.283	173	1340	0.356	ug/l #	83
69) Isopropylbenzene	10.476	105	19548	0.453	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	4952	0.499	ug/l #	94
71) 1,2,3-Trichloropropane	10.820	75	3922m	0.533	ug/l	
72) Bromobenzene	10.775	156	5048	0.450	ug/l	94
73) n-propylbenzene	10.901	120	5705	0.457	ug/l	96
74) 2-Chlorotoluene	10.981	126	5338	0.473	ug/l	87
75) 1,3,5-Trimethylbenzene	11.081	105	16692	0.413	ug/l	98
76) 4-Chlorotoluene	11.093	126	4938	0.418	ug/l	87
77) tert-Butylbenzene	11.412	119	17015	0.436	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	17435	0.443	ug/l	97
79) sec-Butylbenzene	11.637	105	23426	0.443	ug/l	98
80) Nitrobenzene	13.216	77	533	3.914	ug/l #	42
81) p-Isopropyltoluene	11.785	119	18667	0.438	ug/l	97
82) 1,3-Dichlorobenzene	11.740	146	10517	0.466	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	10739	0.464	ug/l	98
84) n-Butylbenzene	12.203	91	20265	0.508	ug/l	96
85) 1,2-Dichlorobenzene	12.209	146	10207	0.469	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	12.997	75	416	0.325	ug/l	98
87) 1,2,4-Trichlorobenzene	13.839	180	7556	0.574	ug/l	96
88) Hexachlorobutadiene	14.013	225	4048	0.494	ug/l	96
90) 1,2,3-Trichlorobenzene	14.328	180	7652	0.612	ug/l	95

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 1496
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

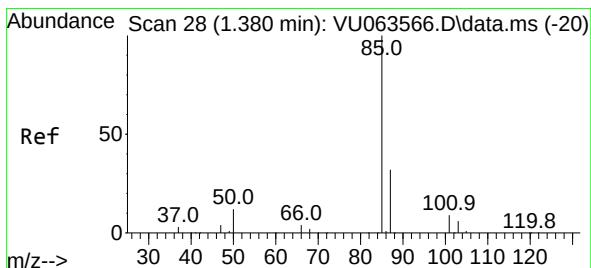
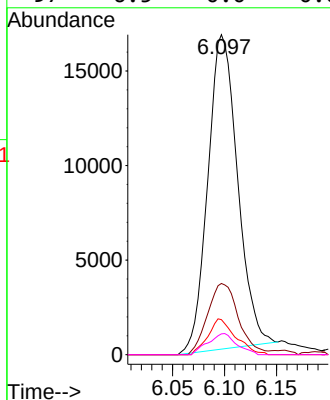
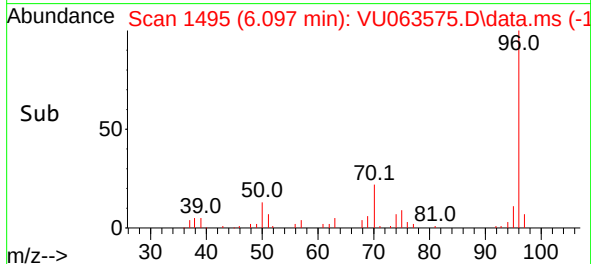
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion	Ratio	Lower	Upper
96	100		
70	22.2	15.5	23.3
95	10.6	7.7	11.5
97	6.5	0.0	0.0

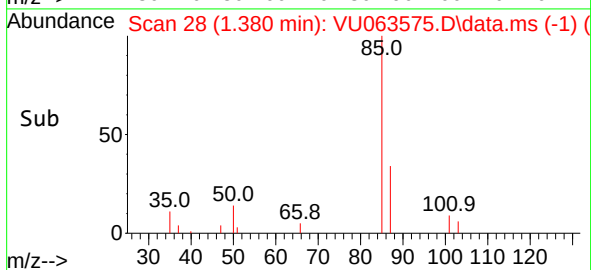
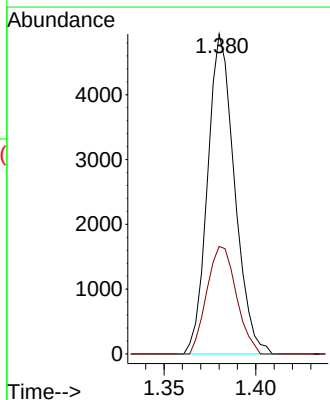
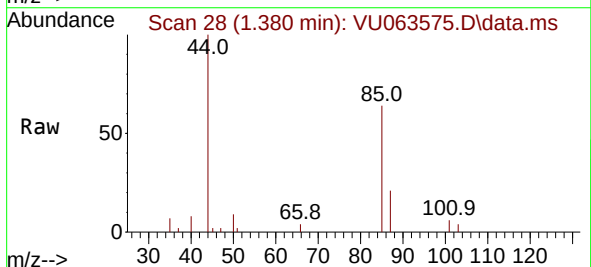
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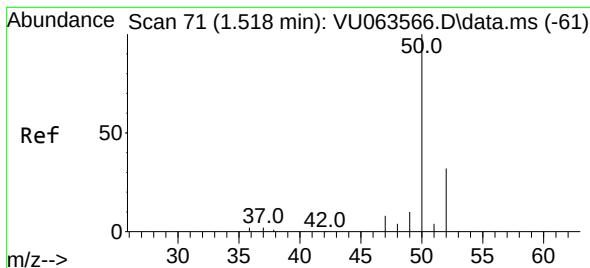
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#2
Dichlorodifluoromethane
Concen: 0.461 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.1	48.2





#3

Chloromethane

Concen: 0.583 ug/l

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 50 Resp: 623

Ion Ratio Lower Upper

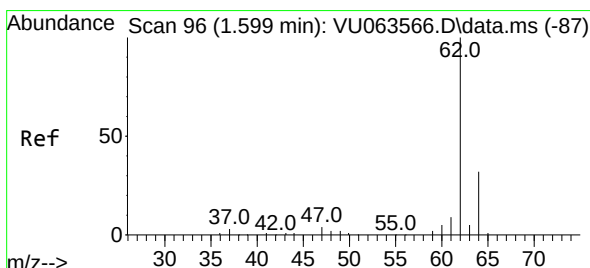
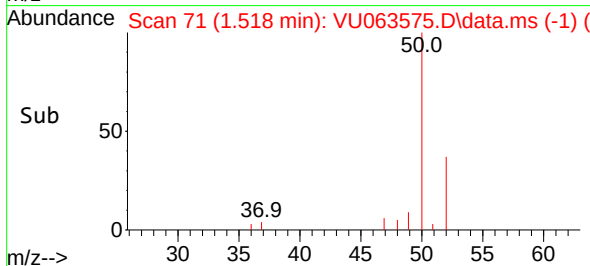
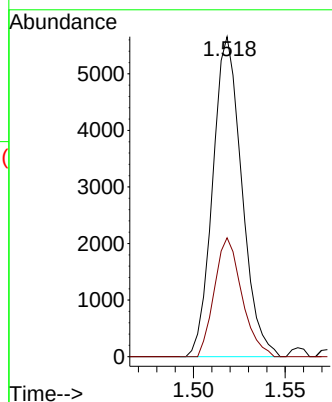
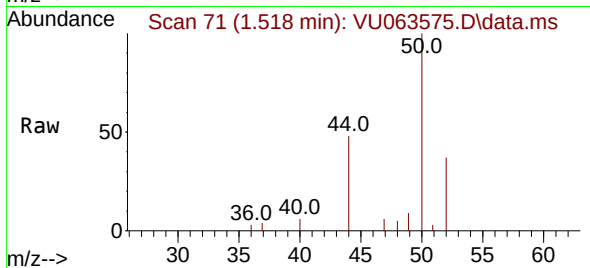
50 100

52 37.1 25.6 38.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#4

Vinyl Chloride

Concen: 0.469 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU063575.D

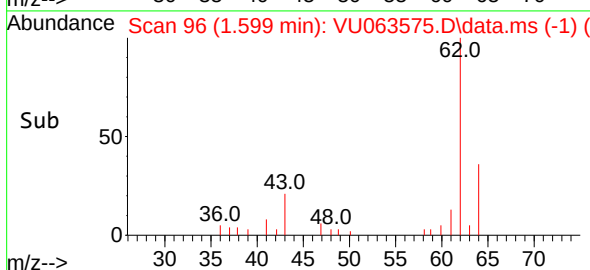
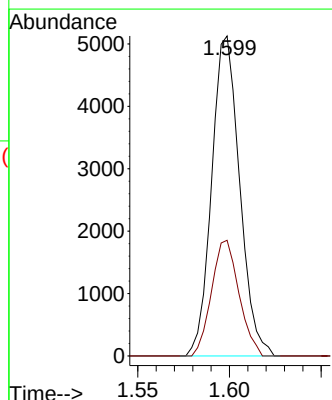
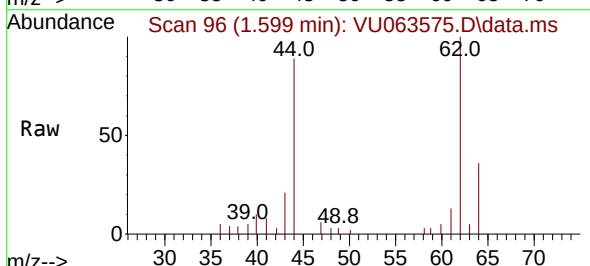
Acq: 15 Sep 2025 13:11

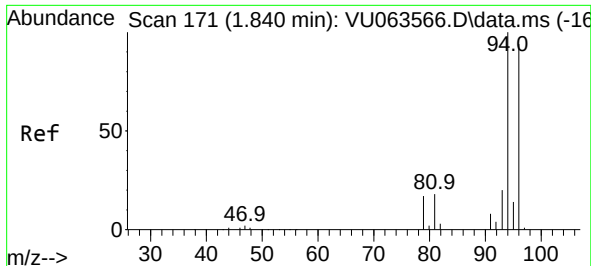
Tgt Ion: 62 Resp: 5439

Ion Ratio Lower Upper

62 100

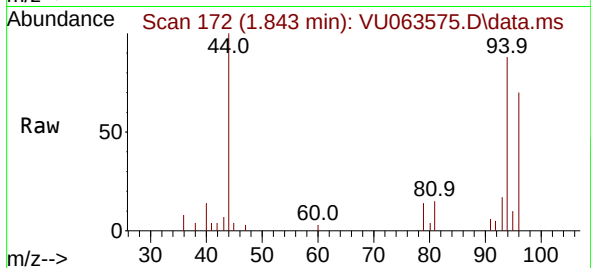
64 36.1 25.5 38.3





#5
Bromomethane
Concen: 0.626 ug/l
RT: 1.843 min Scan# 171
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

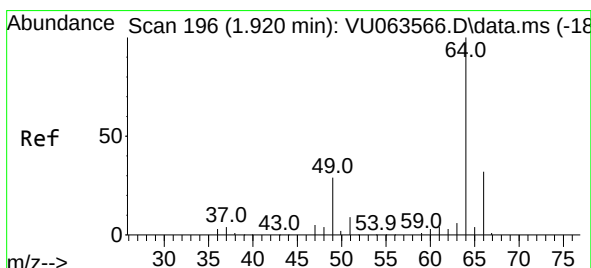
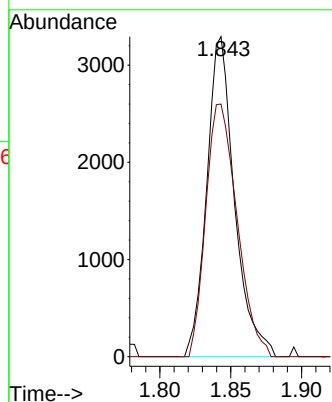
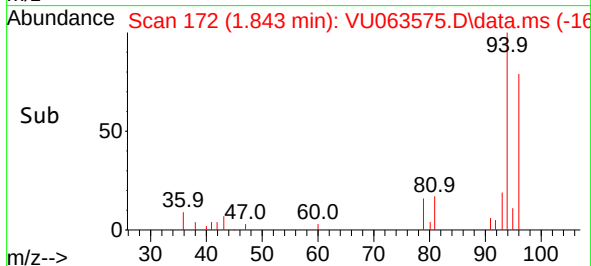
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion: 94 Resp: 448
Ion Ratio Lower Upper
94 100
96 79.0 75.1 112.7

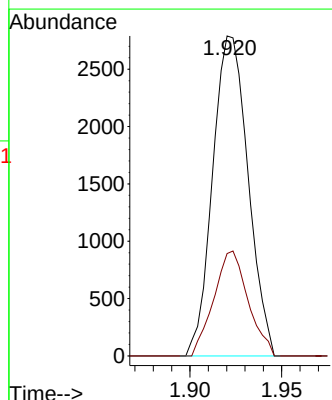
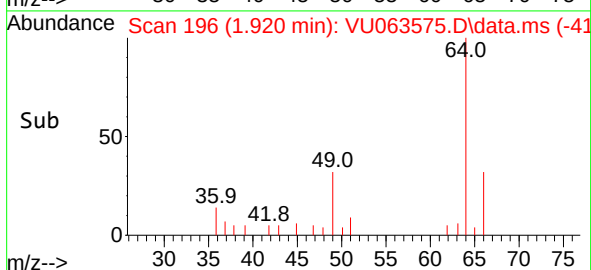
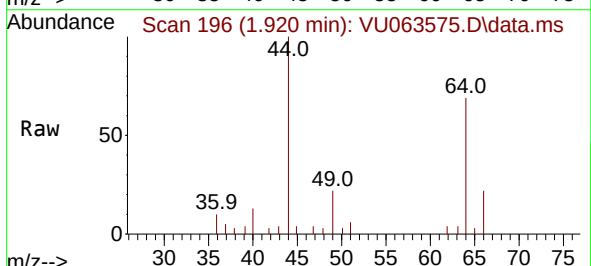
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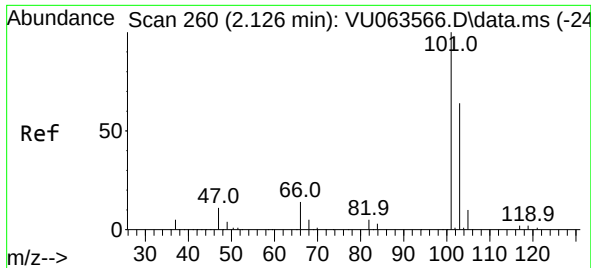
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#6
Chloroethane
Concen: 0.502 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

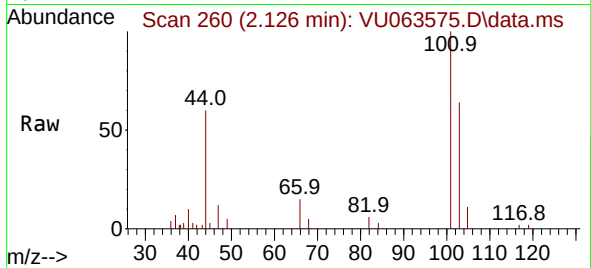
Tgt Ion: 64 Resp: 3742
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 0.518 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

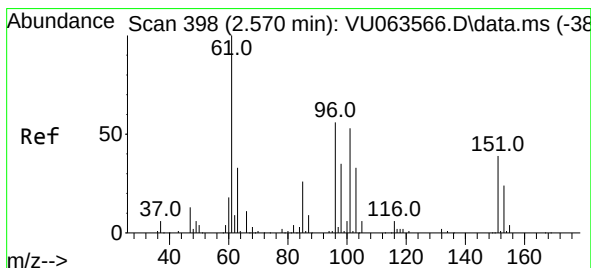
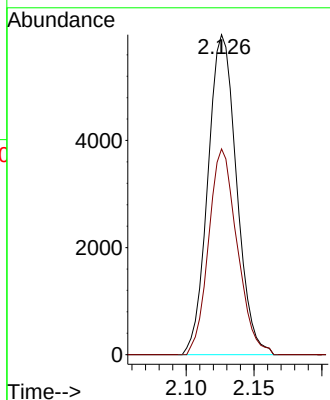
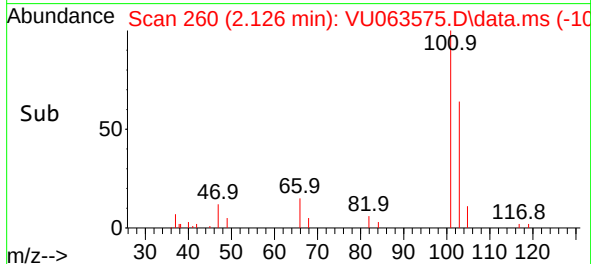
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2025



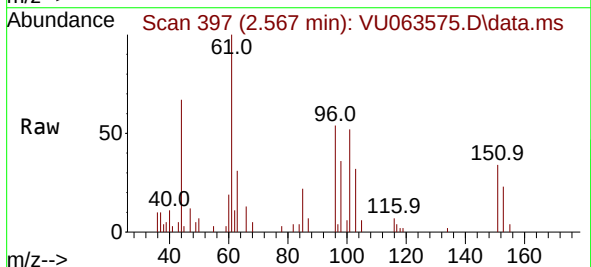
Tgt Ion:101 Resp: 8800
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.8 76.2

Manual Integrations
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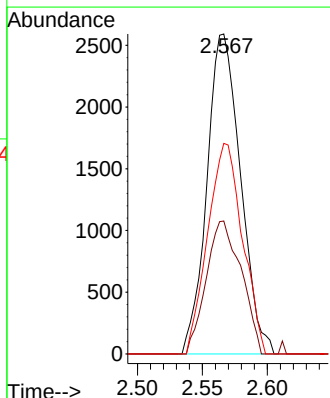
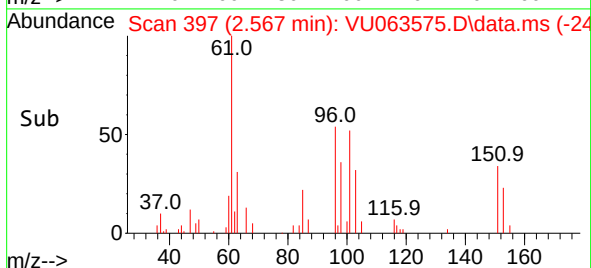
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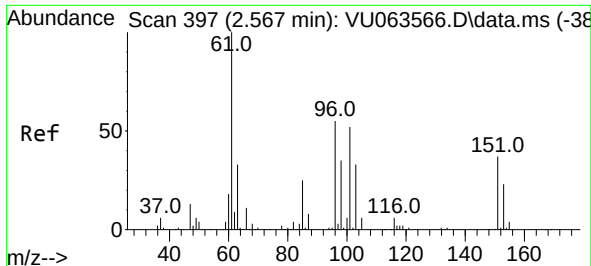


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.490 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11



Tgt Ion:101 Resp: 4668
 Ion Ratio Lower Upper
 101 100
 85 43.3 38.7 58.1
 151 68.0 58.2 87.2





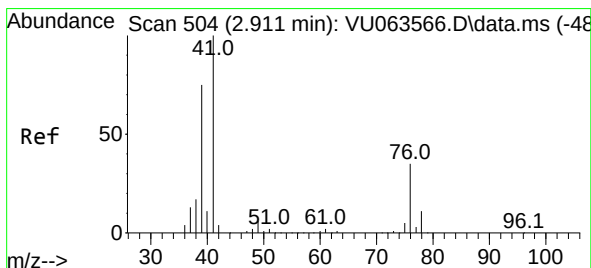
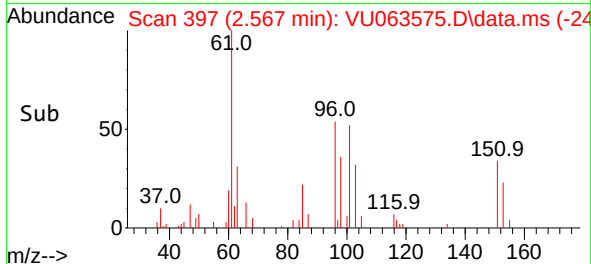
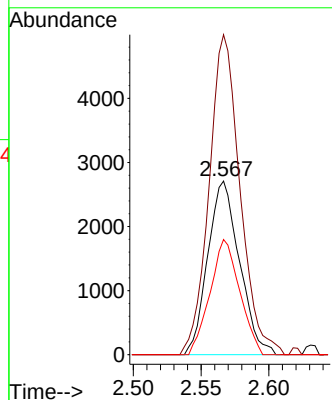
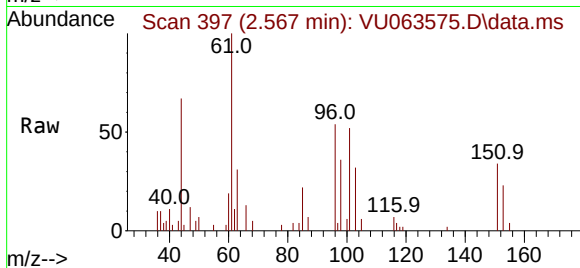
#9
1,1-Dichloroethene
Concen: 0.510 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion: 96 Resp: 4404
Ion Ratio Lower Upper
96 100
61 184.3 0.0 543.9
98 66.4 0.0 125.8

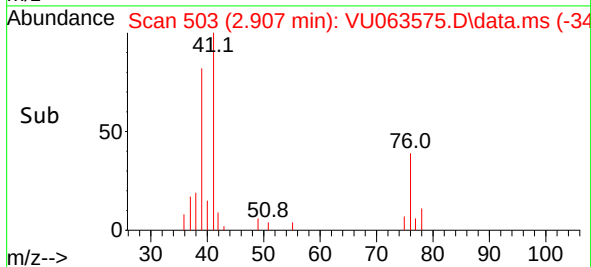
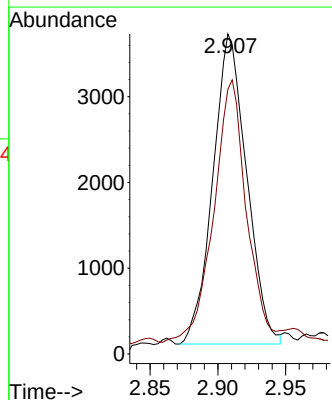
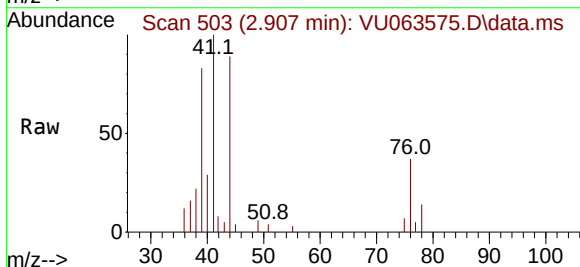
Manual Integrations
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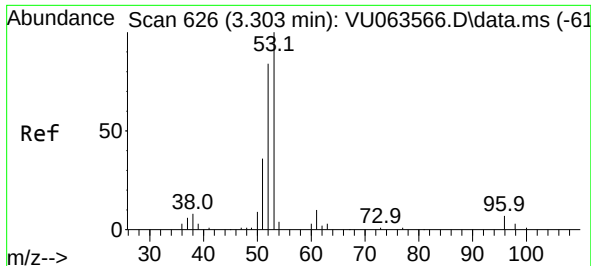
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#11
Allyl Chloride
Concen: 0.437 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 41 Resp: 6276
Ion Ratio Lower Upper
41 100
39 81.3 61.2 91.8





#12

Acrylonitrile

Concen: 1.123 ug/l m

RT: 3.309 min Scan# 61

Delta R.T. 0.006 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

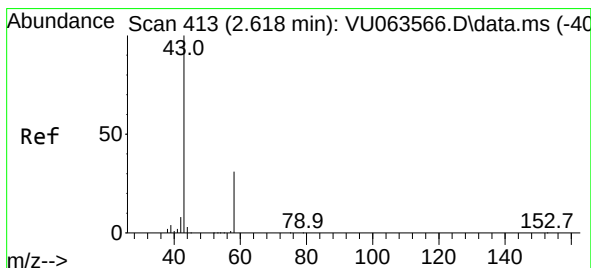
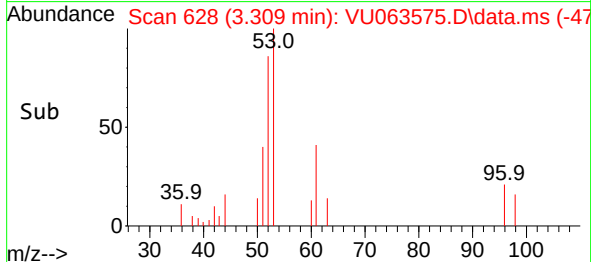
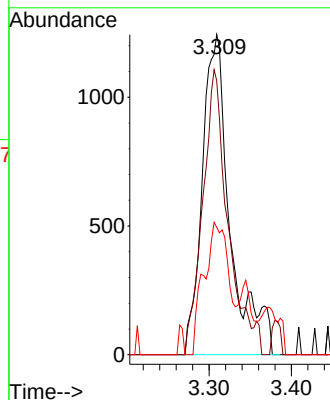
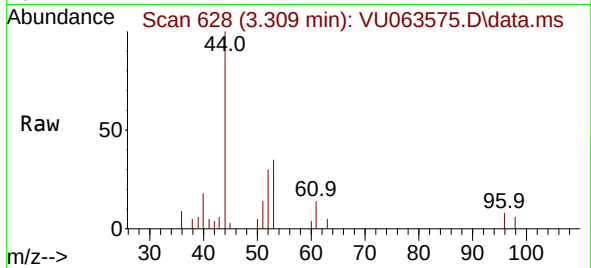
LOQ-WATER-02-QT3-2025

Tgt Ion: 53	Resp: 2934
Ion Ratio	Lower Upper
53 100	
52 80.6	65.0 97.4
51 36.5	31.2 46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#13

Acetone

Concen: 1.834 ug/l

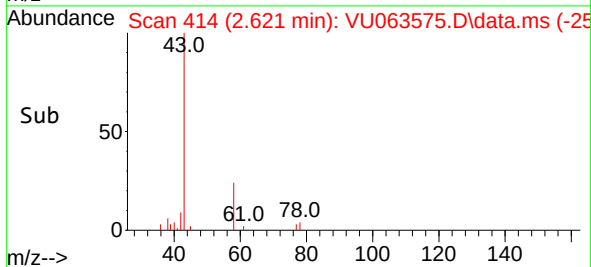
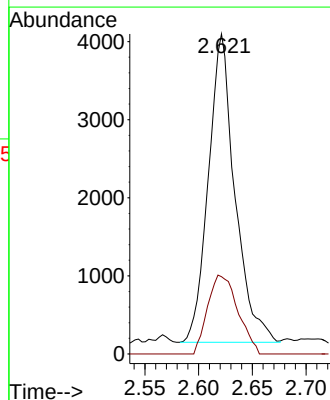
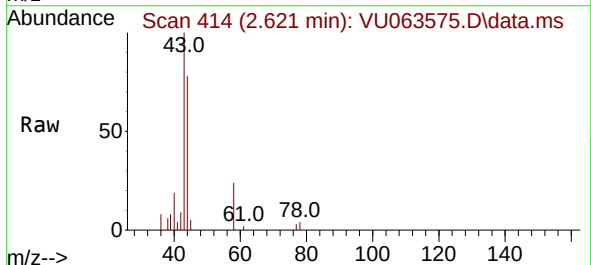
RT: 2.621 min Scan# 414

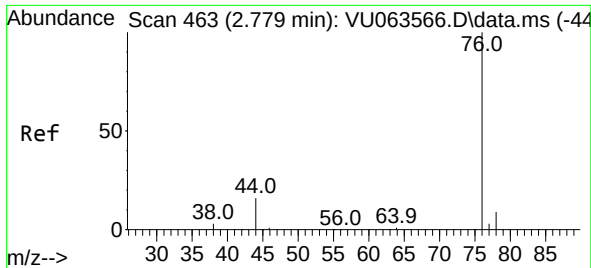
Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

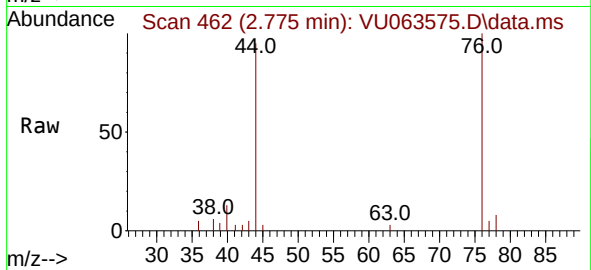
Tgt Ion: 43	Resp: 6779
Ion Ratio	Lower Upper
43 100	
58 25.1	24.7 37.1





#14
Carbon Disulfide
Concen: 0.450 ug/l
RT: 2.775 min Scan# 40
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

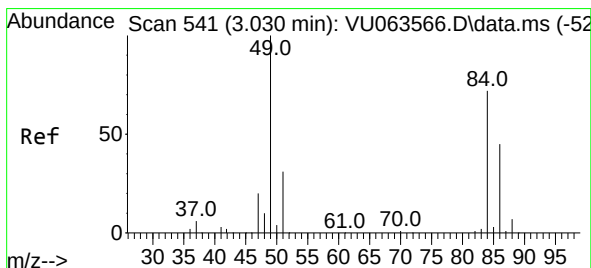
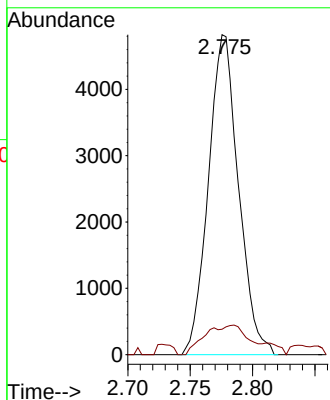
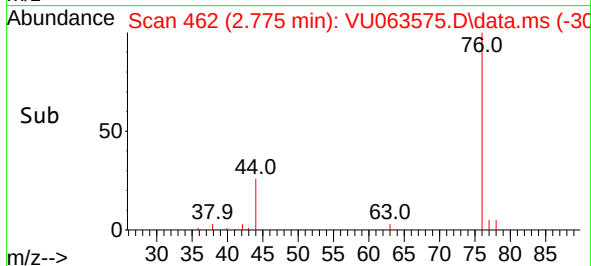
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



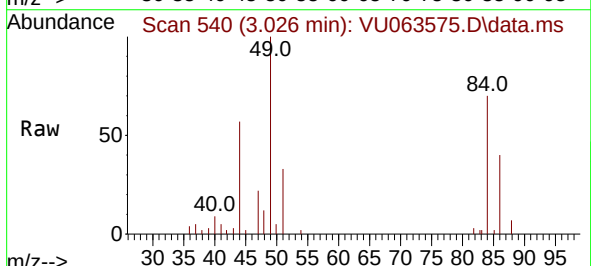
Tgt Ion: 76 Resp: 811
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9

Manual Integrations
APPROVED

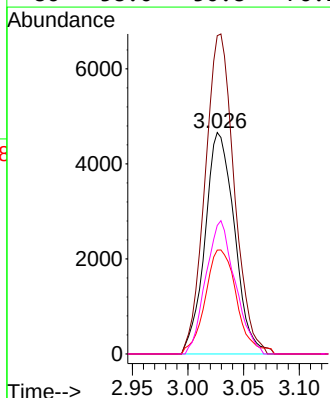
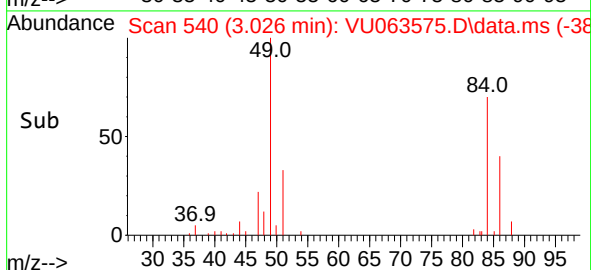
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

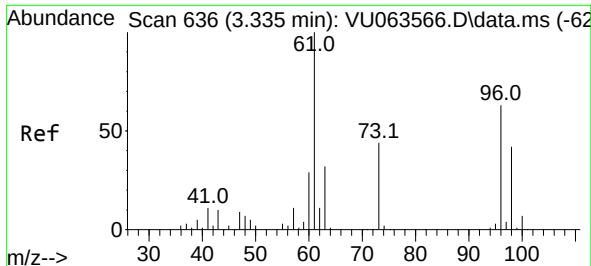


#15
Methylene Chloride
Concen: 0.755 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11



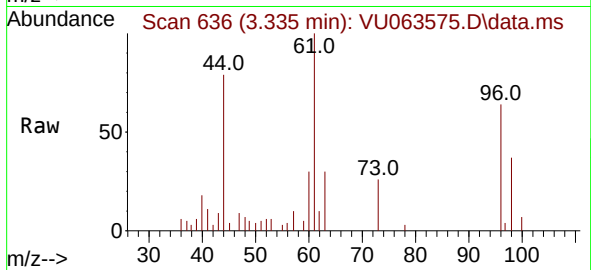
Tgt Ion: 84 Resp: 8603
Ion Ratio Lower Upper
84 100
49 143.7 111.8 167.6
51 46.9 0.0 86.0
86 58.0 50.8 76.2





#16
trans-1,2-Dichloroethene
Concen: 0.490 ug/l
RT: 3.335 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

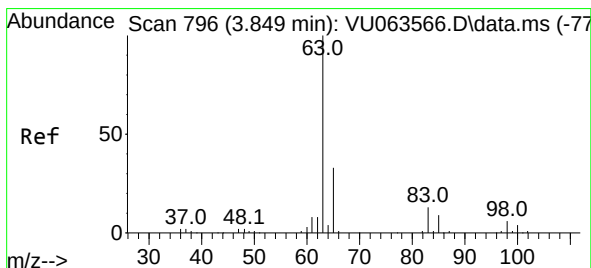
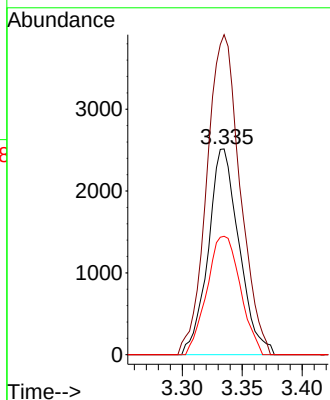
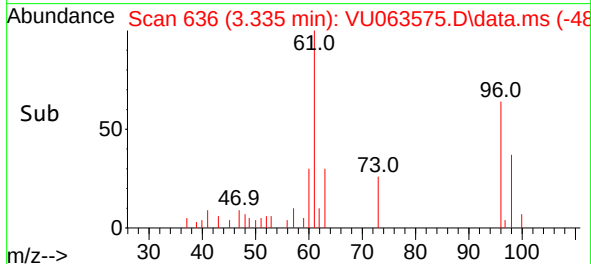
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion: 96 Resp: 4504
Ion Ratio Lower Upper
96 100
61 155.6 127.8 191.6
98 57.6 53.8 80.8

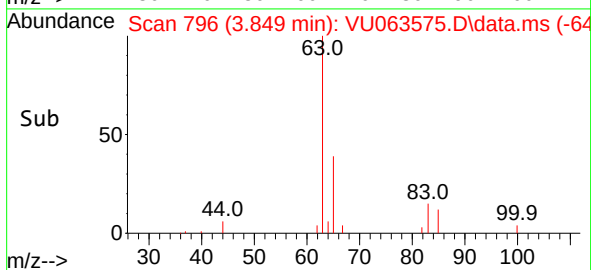
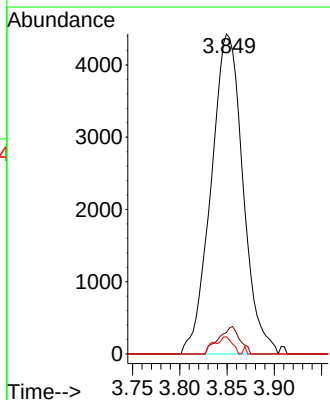
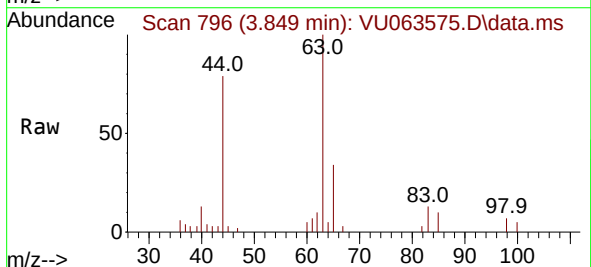
Manual Integrations
APPROVED

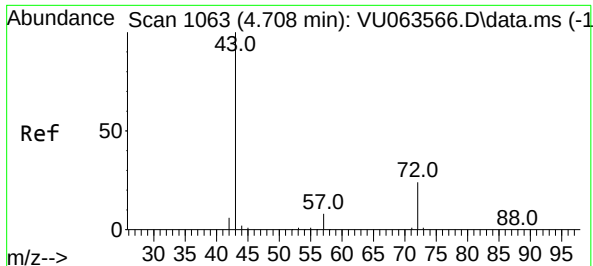
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#17
1,1-Dichloroethane
Concen: 0.493 ug/l
RT: 3.849 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

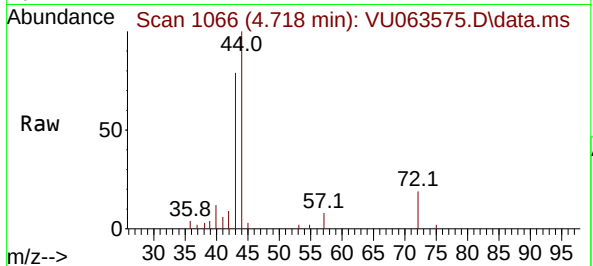
Tgt Ion: 63 Resp: 10387
Ion Ratio Lower Upper
63 100
98 6.7 2.9 8.8
100 5.4 2.0 5.8





#18
2-Butanone
Concen: 2.183 ug/l
RT: 4.718 min Scan# 1066
Delta R.T. 0.010 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

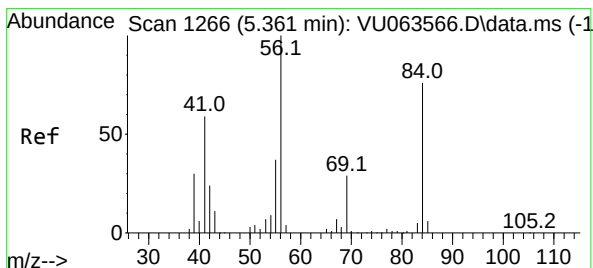
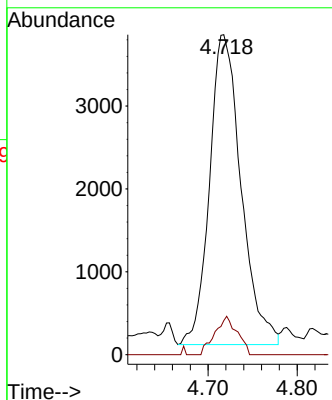
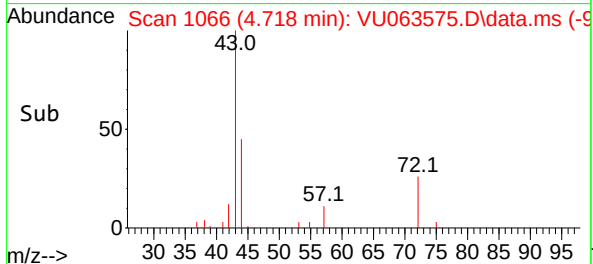
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
57 11.0 0.0 15.8

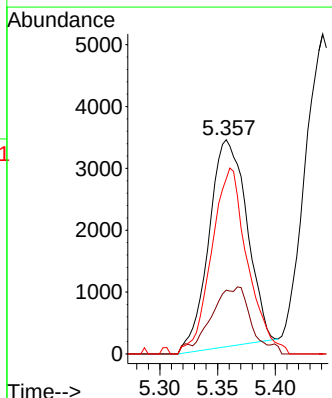
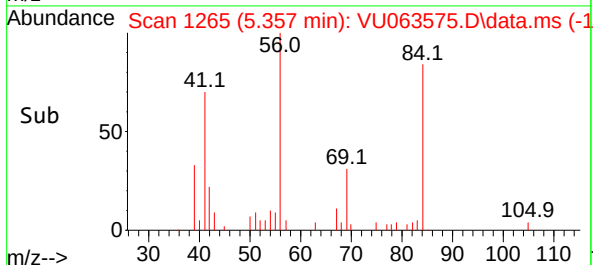
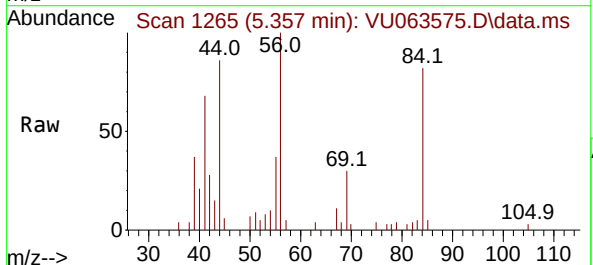
Manual Integrations
APPROVED

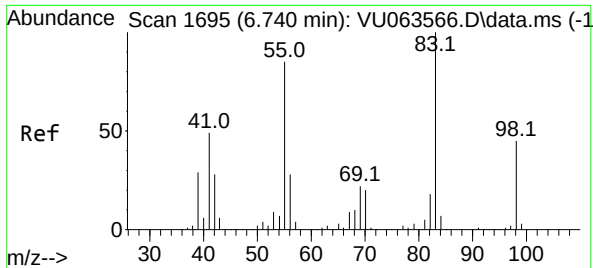
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#19
Cyclohexane
Concen: 0.454 ug/l
RT: 5.357 min Scan# 1265
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 56 Resp: 7653
Ion Ratio Lower Upper
56 100
69 34.4 22.7 34.1#
84 85.0 59.4 89.0





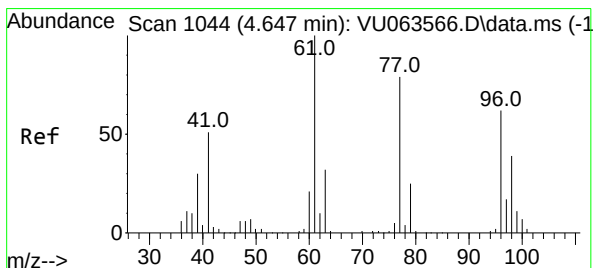
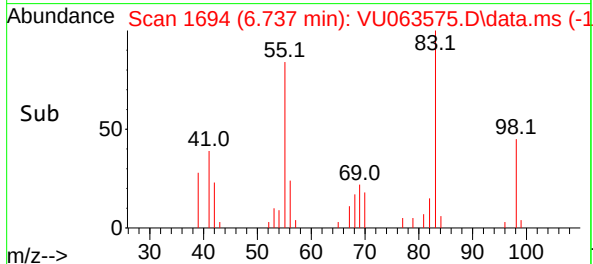
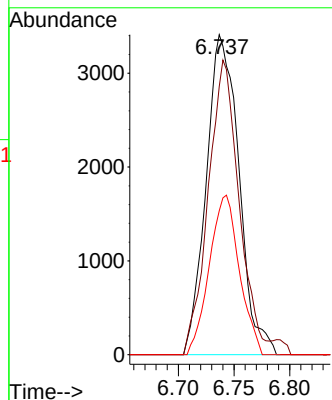
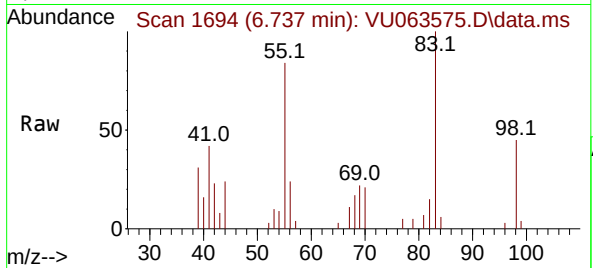
#20
Methylcyclohexane
Concen: 0.451 ug/l
RT: 6.737 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion: 83 Resp: 6978
Ion Ratio Lower Upper
83 100
55 82.0 66.7 100.1
98 45.7 35.9 53.9

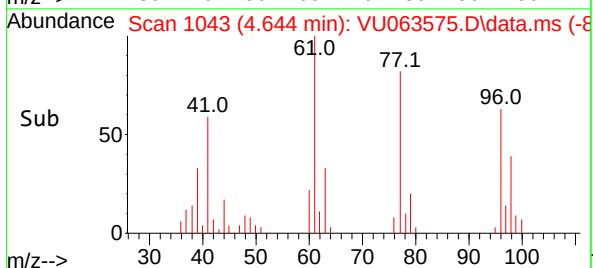
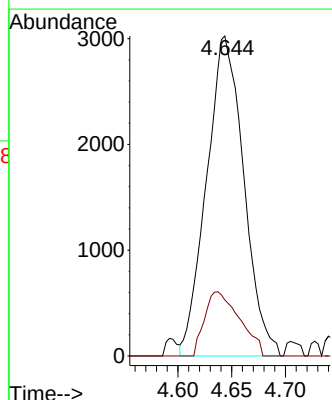
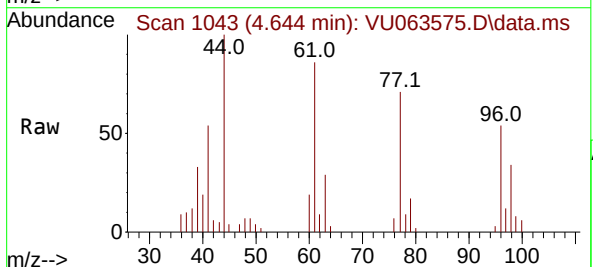
Manual Integrations
APPROVED

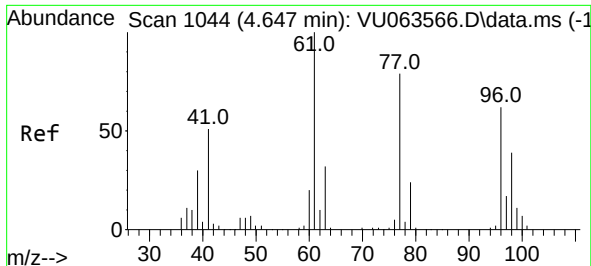
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#21
2,2-Dichloropropane
Concen: 0.467 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 77 Resp: 7282
Ion Ratio Lower Upper
77 100
97 18.9 17.5 26.3





#22

cis-1,2-Dichloroethene

Concen: 0.499 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU063575.D

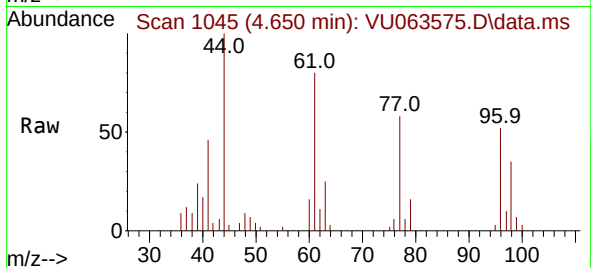
Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2025

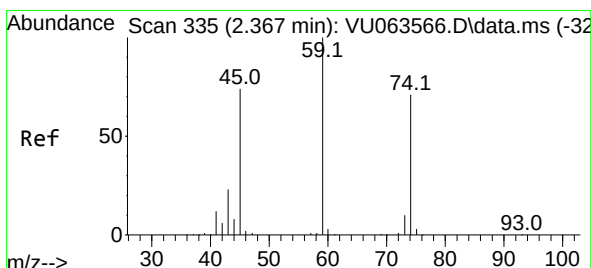
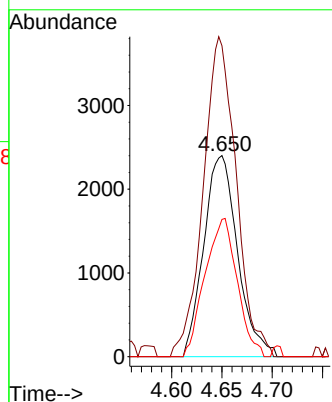
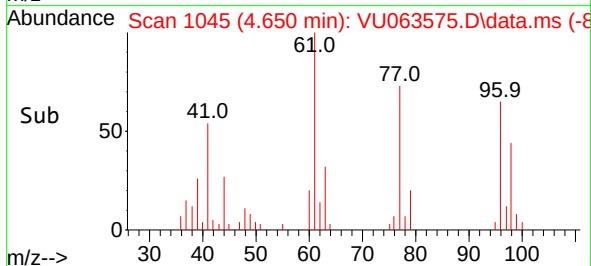


Tgt Ion:	96	Resp:	562
Ion	Ratio	Lower	Upper
96	100		
61	155.0	0.0	411.0
98	65.3	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#23

Diethyl Ether

Concen: 0.513 ug/l

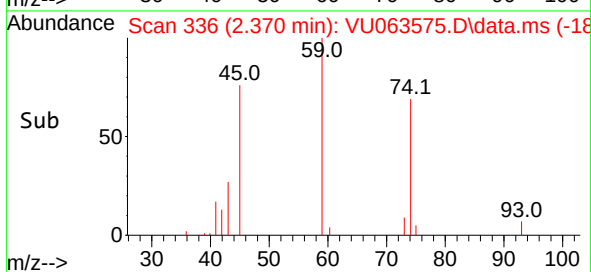
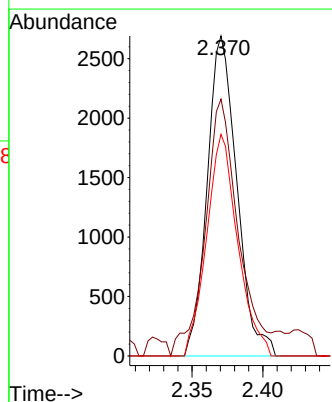
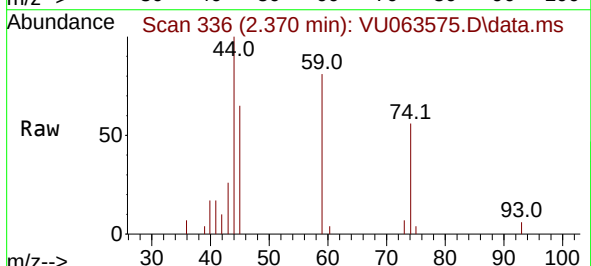
RT: 2.370 min Scan# 336

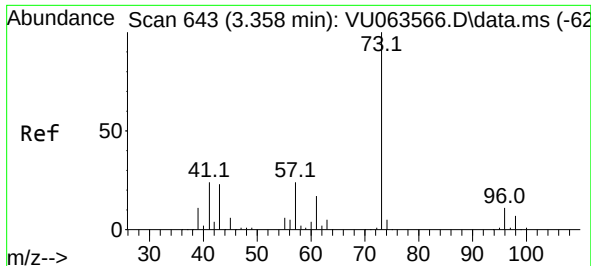
Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

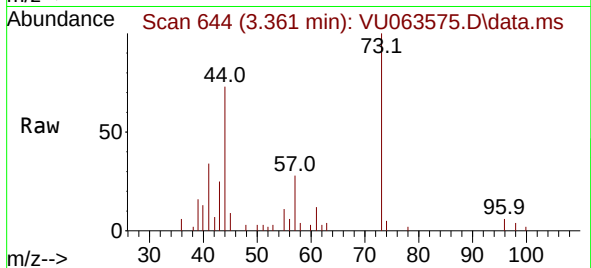
Tgt Ion:	59	Resp:	3920
Ion	Ratio	Lower	Upper
59	100		
45	89.2	59.0	88.6#
74	72.6	57.8	86.6





#25
Methyl tert-Butyl Ether
Concen: 0.479 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

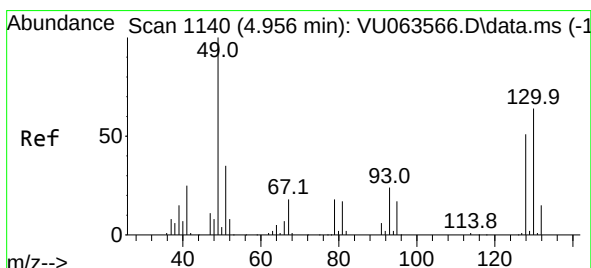
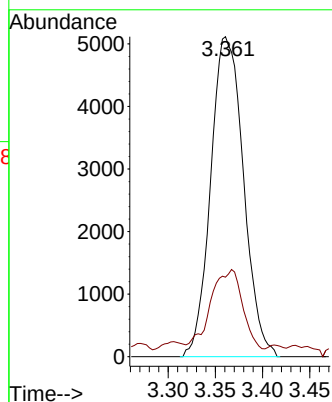
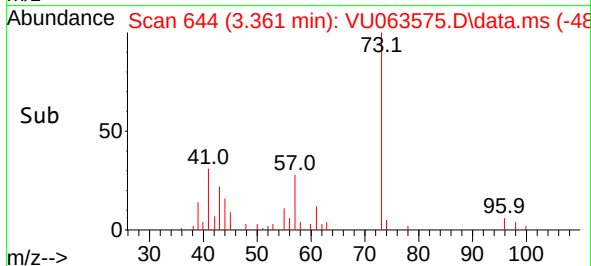
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion: 73 Resp: 1233
Ion Ratio Lower Upper
73 100
43 23.7 18.1 27.1

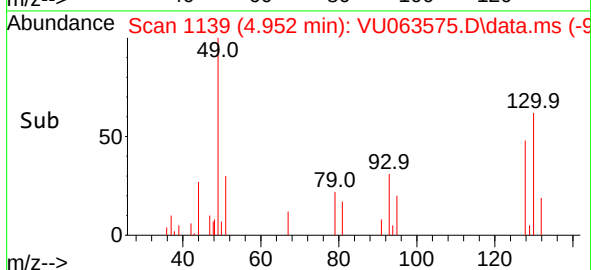
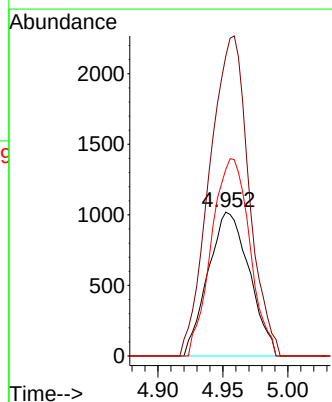
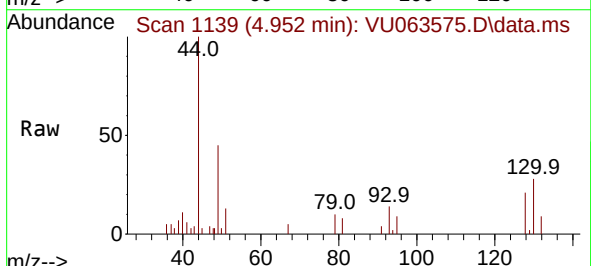
Manual Integrations
APPROVED

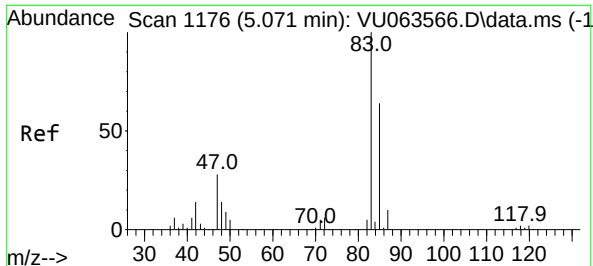
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#26
Bromochloromethane
Concen: 0.493 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion:128 Resp: 2251
Ion Ratio Lower Upper
128 100
49 211.9 0.0 410.2
130 127.0 103.4 155.0





#27

Chloroform

Concen: 0.501 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

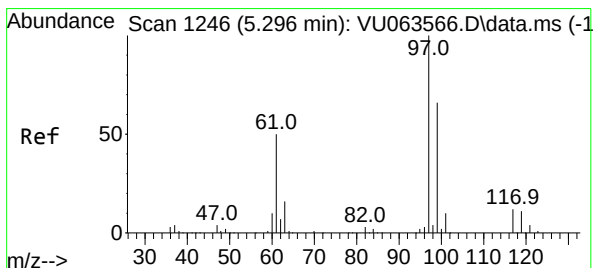
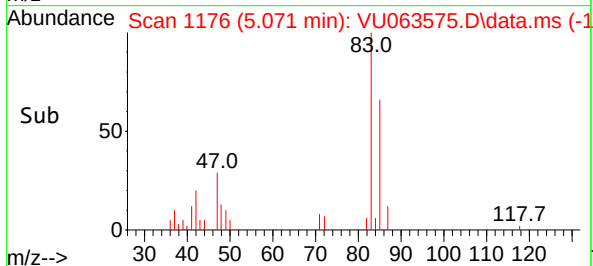
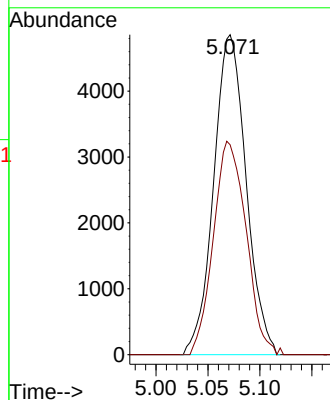
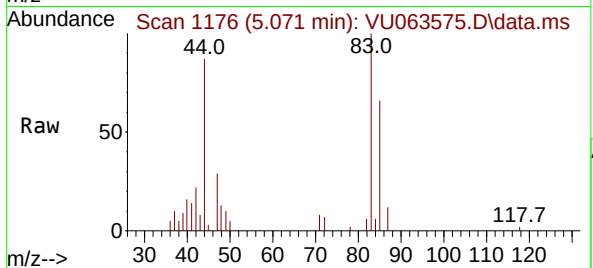
ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 83 Resp: 10558
 Ion Ratio Lower Upper
 83 100
 85 65.6 0.0 128.6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#28

1,1,1-Trichloroethane

Concen: 0.458 ug/l

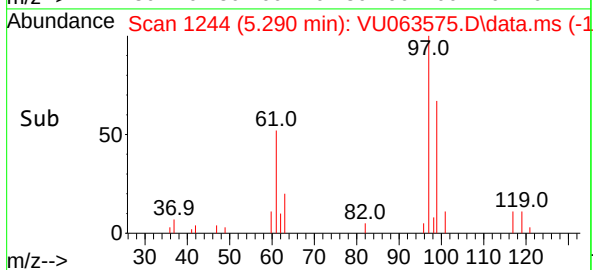
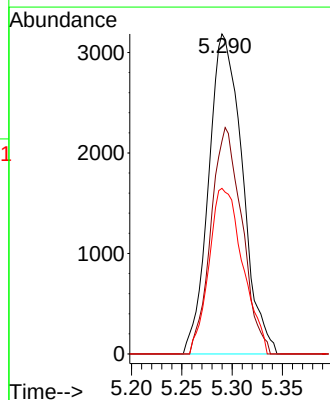
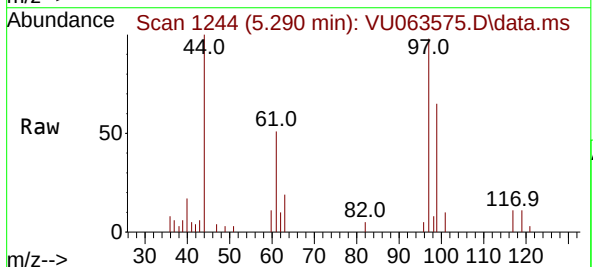
RT: 5.290 min Scan# 1244

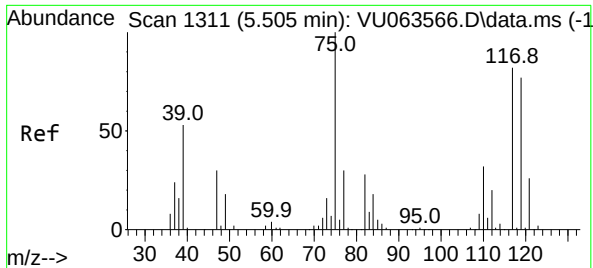
Delta R.T. -0.006 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Tgt Ion: 97 Resp: 7422
 Ion Ratio Lower Upper
 97 100
 99 65.3 32.4 97.0
 61 51.7 25.1 75.4





#29
1,1-Dichloropropene
Concen: 0.477 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

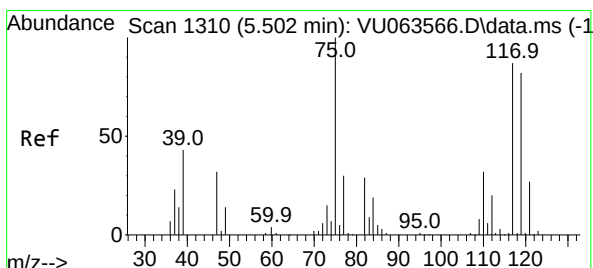
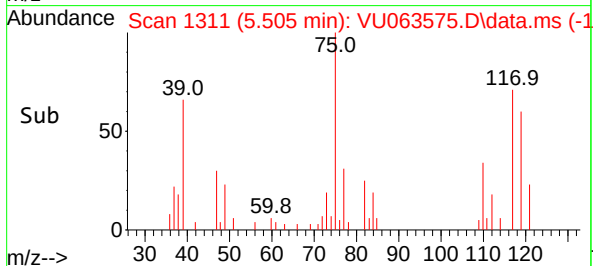
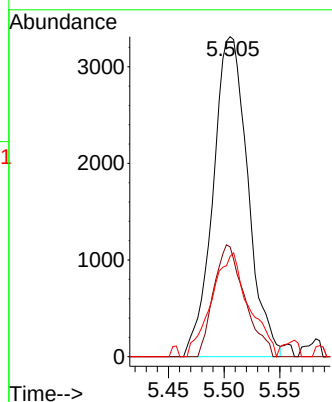
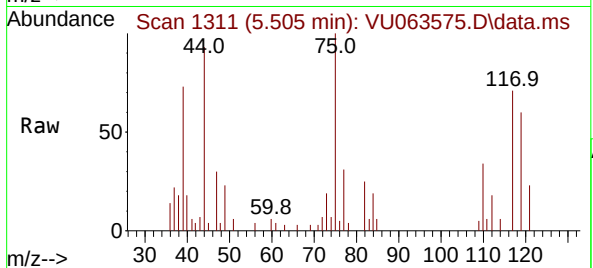
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion: 75 Resp: 717

Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.4	49.4
77	34.7	24.6	37.0

Manual Integrations
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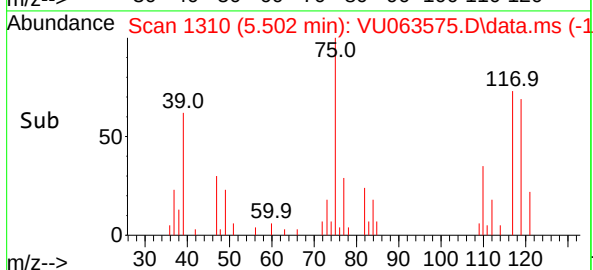
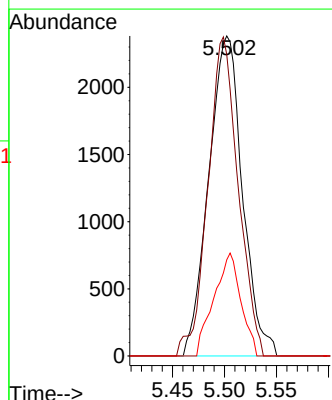
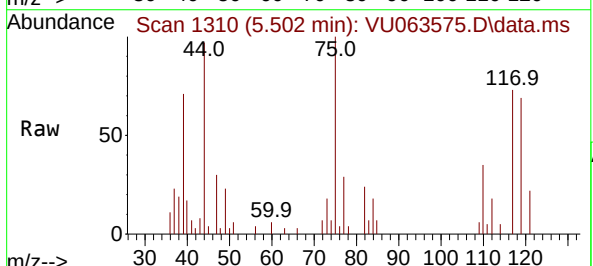
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

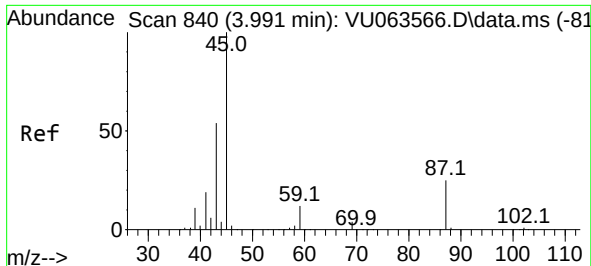


#30
Carbon Tetrachloride
Concen: 0.451 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion:117 Resp: 5377

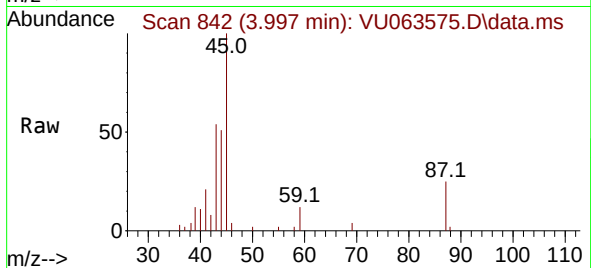
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.7	113.5
121	30.1	25.4	38.0





#31
Isopropyl Ether
Concen: 0.521 ug/l
RT: 3.997 min Scan# 840
Delta R.T. 0.006 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

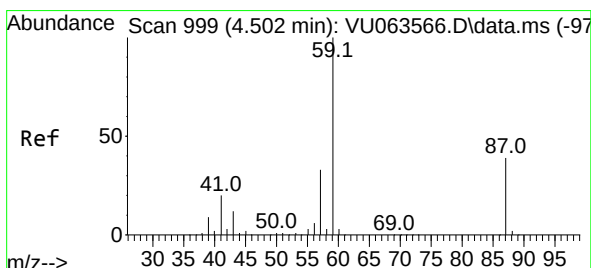
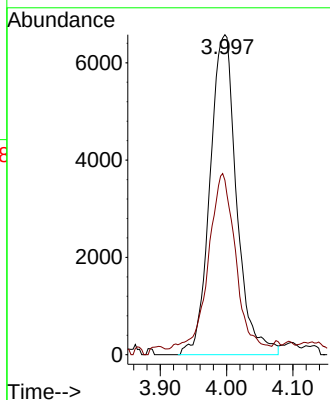
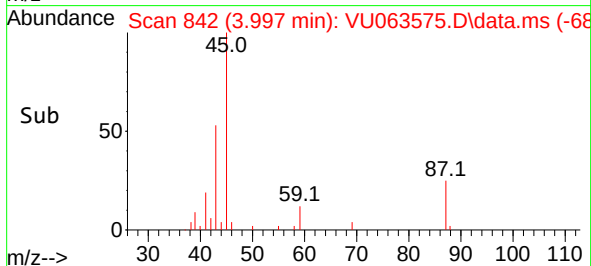
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



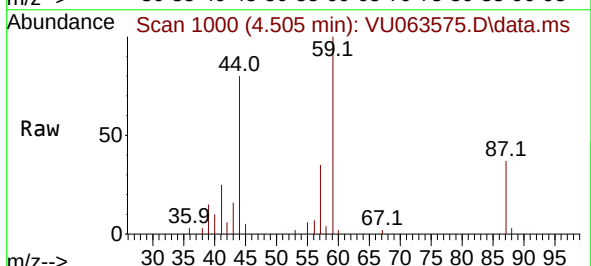
Tgt Ion: 45 Resp: 1838
Ion Ratio Lower Upper
45 100
43 57.1 26.2 78.6

Manual Integrations
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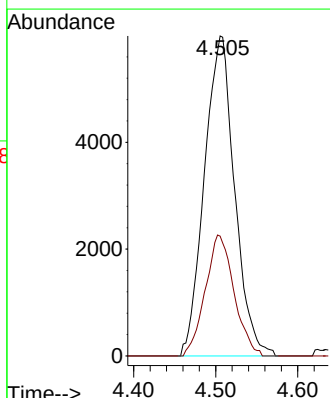
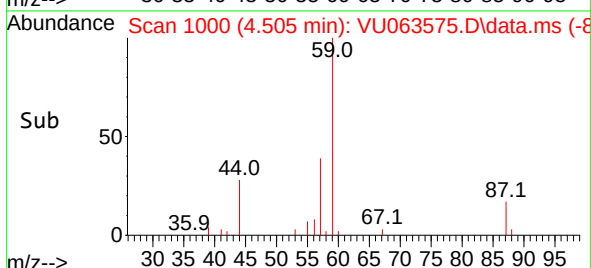
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

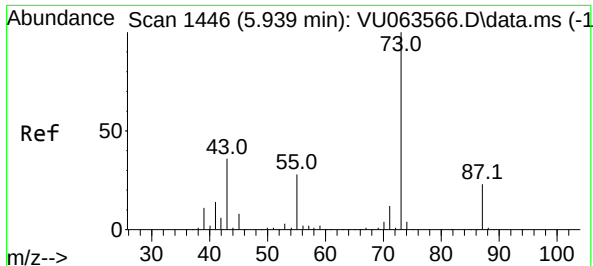


#32
Ethyl-t-butyl ether
Concen: 0.509 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11



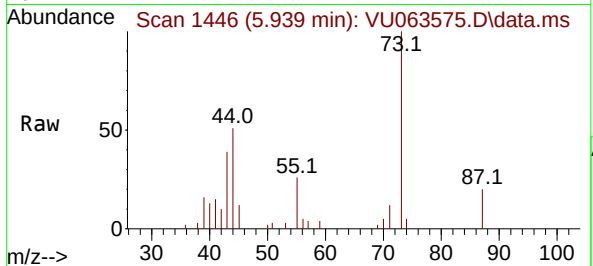
Tgt Ion: 59 Resp: 15347
Ion Ratio Lower Upper
59 100
87 35.9 31.2 46.8





#33
Tert-Amyl methyl ether
Concen: 0.495 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

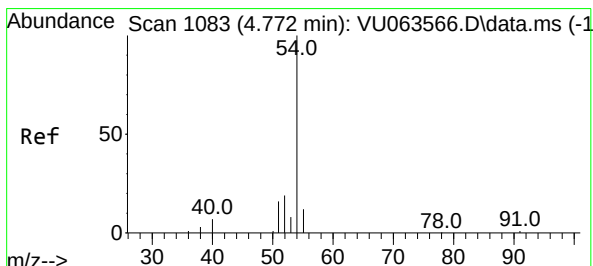
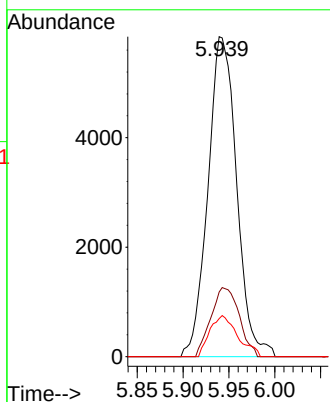
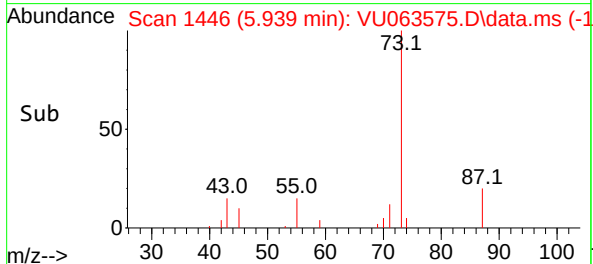
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



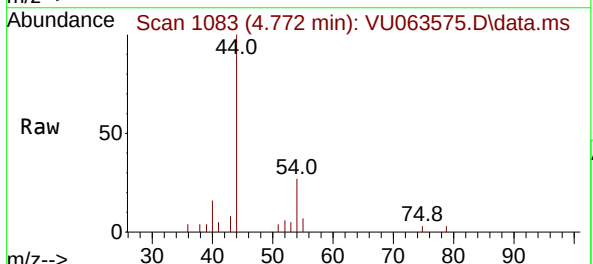
Tgt Ion: 73 Resp: 1271
Ion Ratio Lower Upper
73 100
87 21.3 19.0 28.6
71 12.5 9.4 14.2

Manual Integrations
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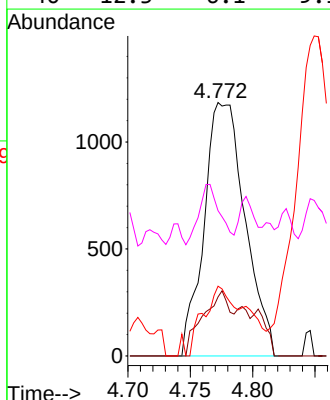
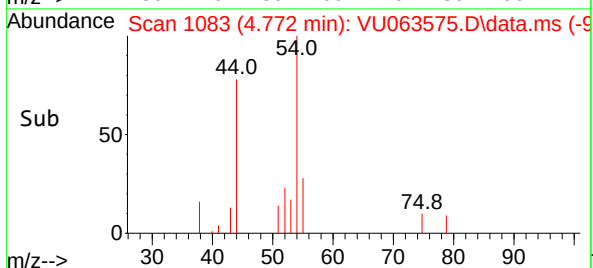
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

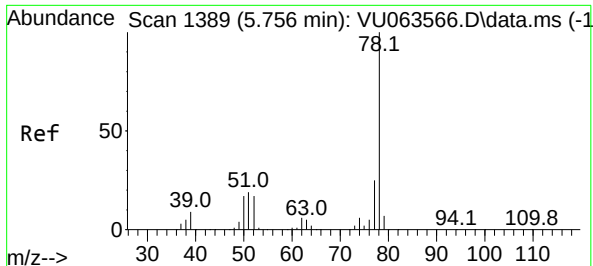


#34
Propionitrile
Concen: 2.749 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11



Tgt Ion: 54 Resp: 2708
Ion Ratio Lower Upper
54 100
52 17.7 15.2 22.8
55 20.1 11.7 17.5#
40 12.3 6.1 9.1#





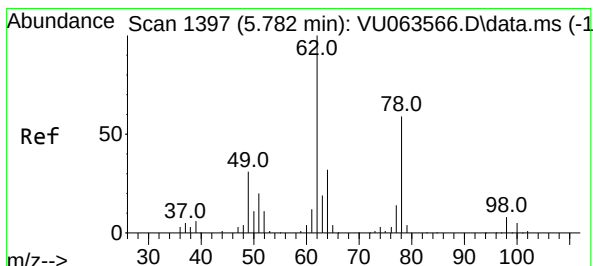
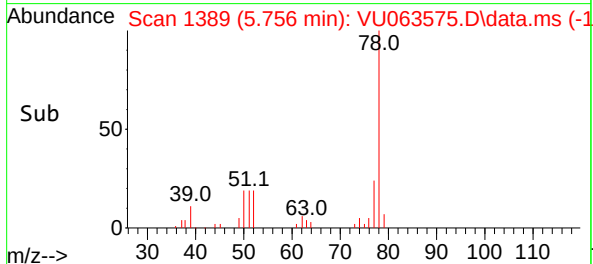
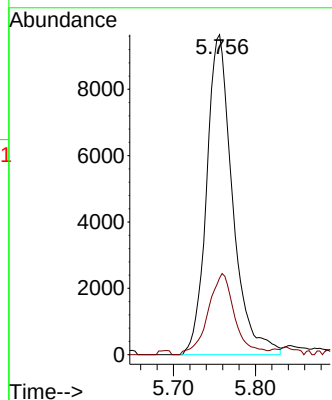
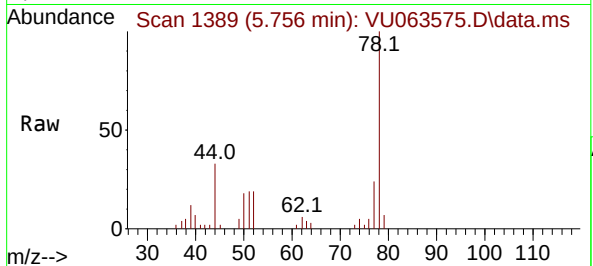
#35
Benzene
Concen: 0.489 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2025

Tgt Ion: 78 Resp: 2120
Ion Ratio Lower Upper
78 100
77 23.9 19.8 29.8

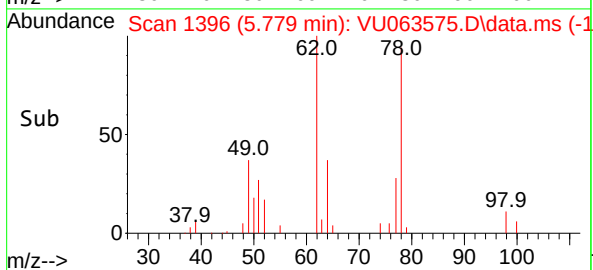
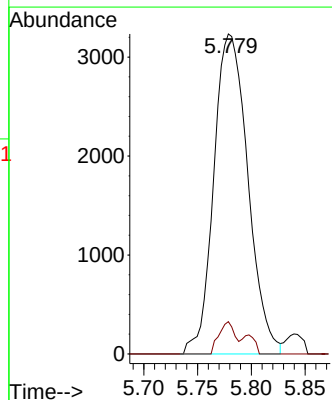
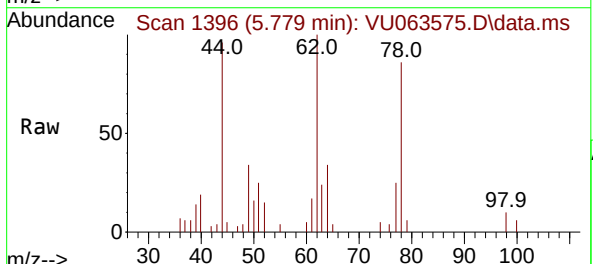
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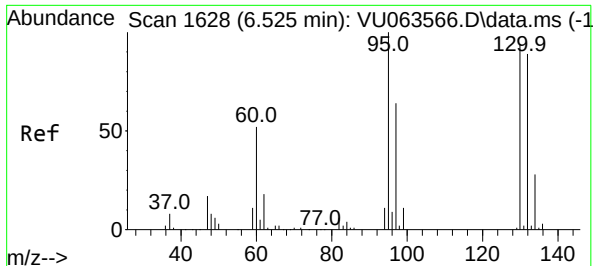
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#36
1,2-Dichloroethane
Concen: 0.488 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

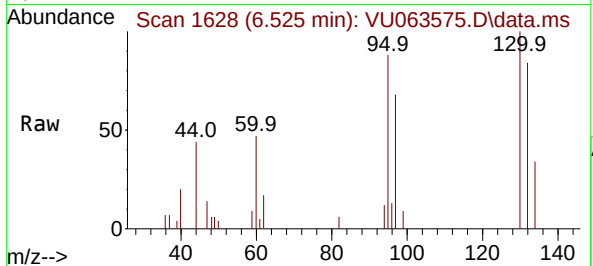
Tgt Ion: 62 Resp: 7138
Ion Ratio Lower Upper
62 100
98 4.7 6.3 9.5#





#37
 Trichloroethene
 Concen: 0.509 ug/l
 RT: 6.525 min Scan# 1628
 Delta R.T. -0.000 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

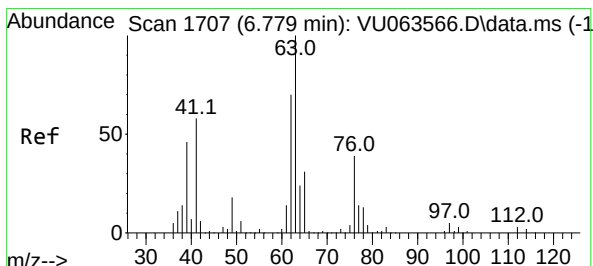
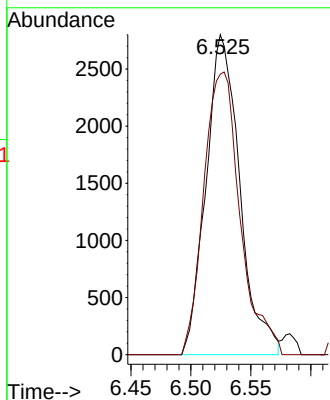
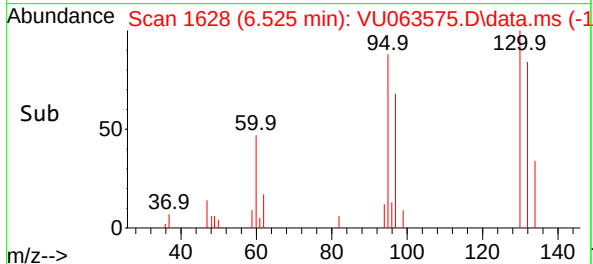
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2025



Tgt Ion:130 Resp: 548
 Ion Ratio Lower Upper
 130 100
 95 87.6 85.4 128.2

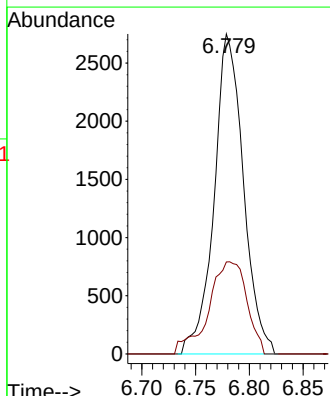
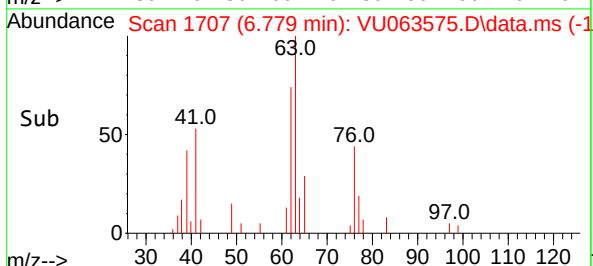
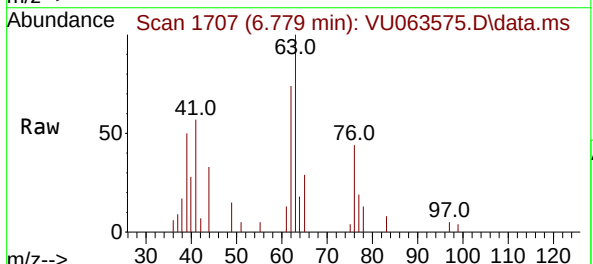
Manual Integrations
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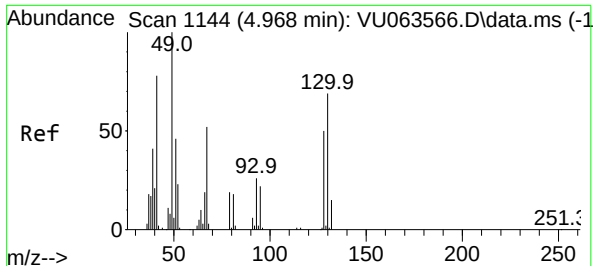
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#38
 1,2-Dichloropropane
 Concen: 0.453 ug/l
 RT: 6.779 min Scan# 1707
 Delta R.T. -0.000 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

Tgt Ion: 63 Resp: 5202
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.9 37.3





#39

Methacrylonitrile

Concen: 0.413 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.010 min

Lab File: VU063575.D

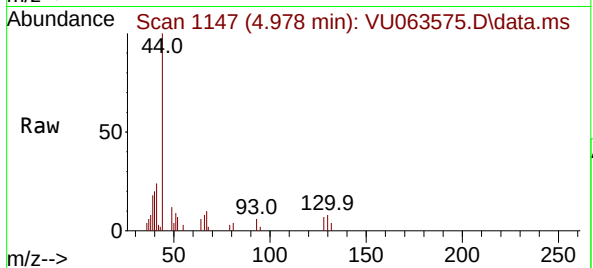
Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2025



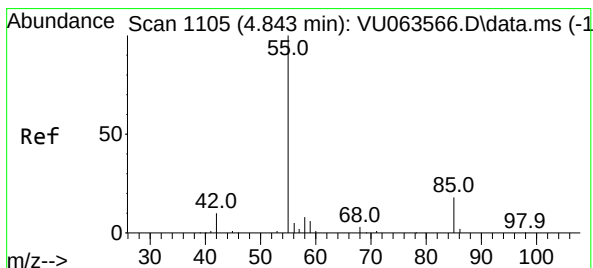
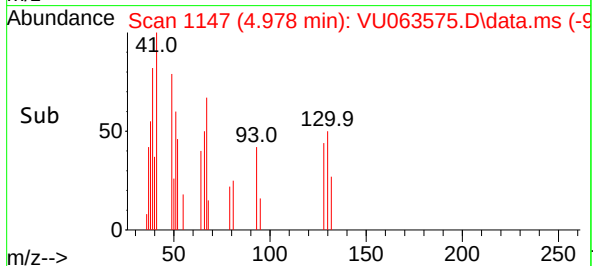
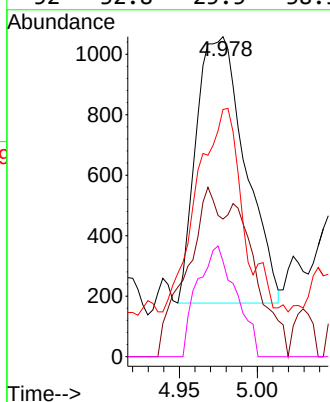
Tgt Ion:	41	Resp:	192
Ion	Ratio	Lower	Upper
41	100		
67	45.0	57.7	86.5
39	66.7	44.6	67.0
52	32.8	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#40

Methyl acrylate

Concen: 0.580 ug/l m

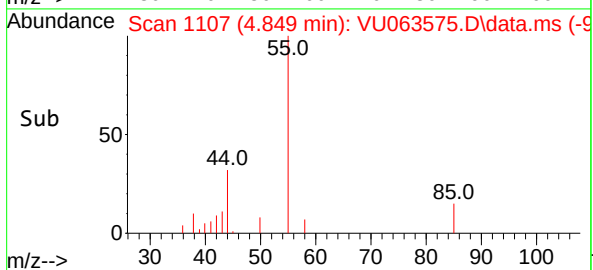
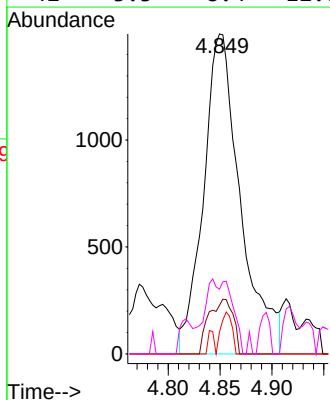
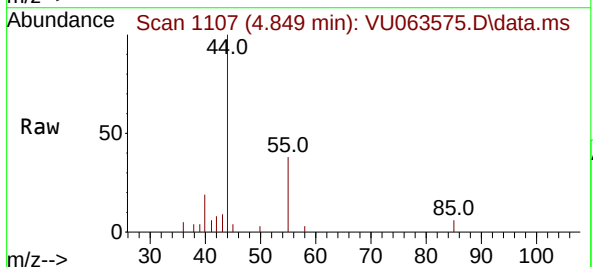
RT: 4.849 min Scan# 1107

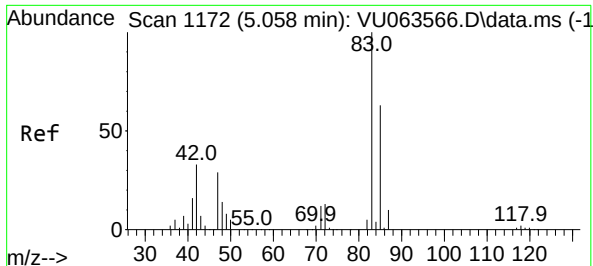
Delta R.T. 0.006 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Tgt Ion:	55	Resp:	3699
Ion	Ratio	Lower	Upper
55	100		
85	11.1	12.8	19.2#
58	3.9	6.6	10.0#
42	3.3	8.4	12.6#





#41

Tetrahydrofuran

Concen: 1.266 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2025

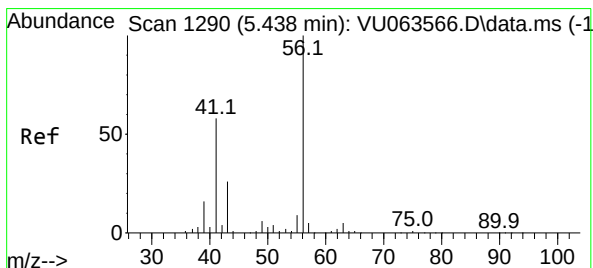
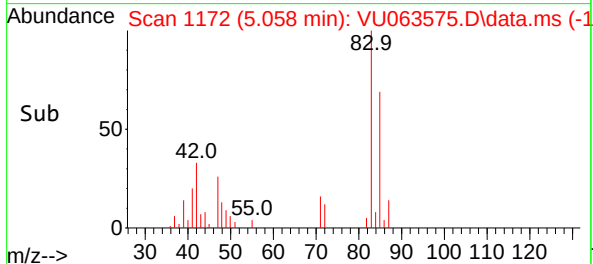
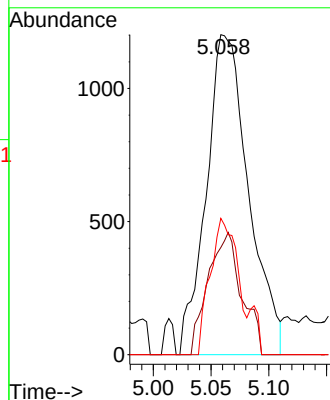
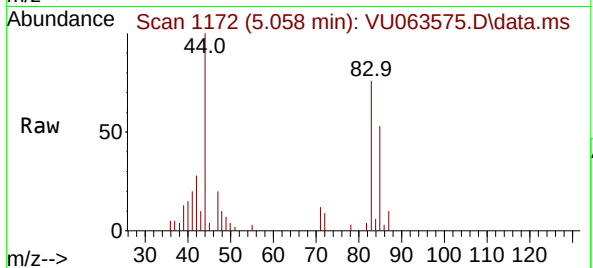
Tgt Ion:	42	Resp:	306
Ion Ratio	Lower	Upper	
42	100		
72	30.4	34.1	51.1
71	27.5	29.9	44.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#42

1-Chlorobutane

Concen: 0.519 ug/l

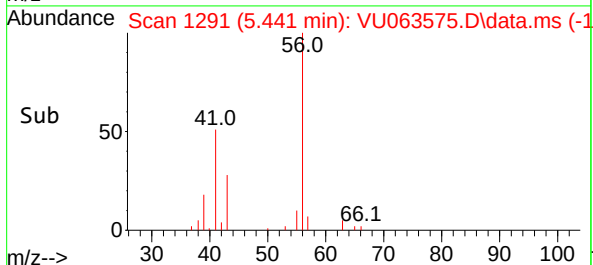
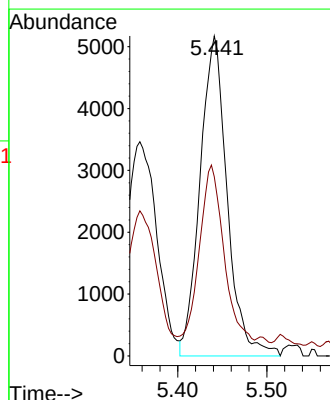
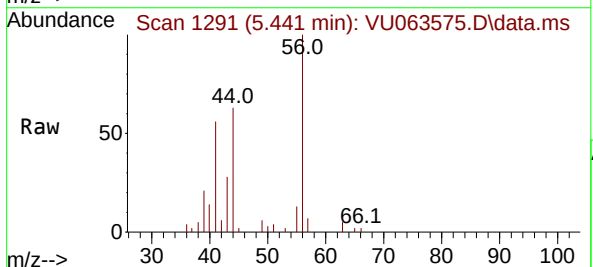
RT: 5.441 min Scan# 1291

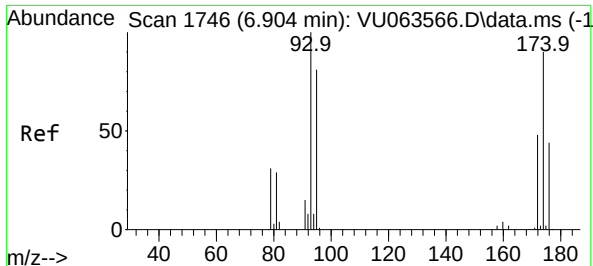
Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

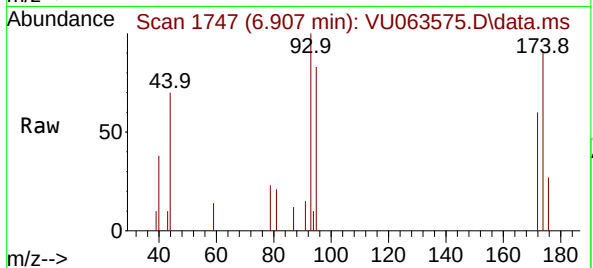
Tgt Ion:	56	Resp:	10954
Ion Ratio	Lower	Upper	
56	100		
41	48.7	28.3	84.9





#43
Dibromomethane
Concen: 0.489 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

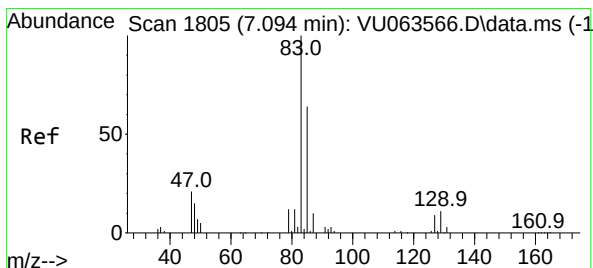
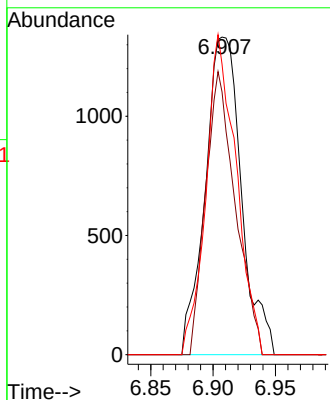
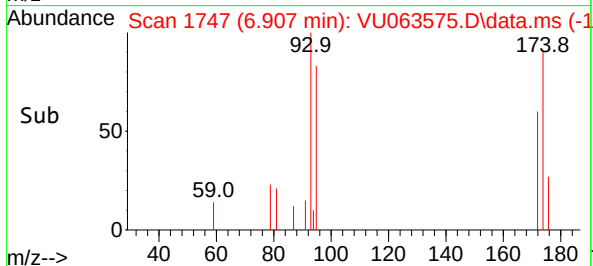
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion: 93 Resp: 269
Ion Ratio Lower Upper
93 100
95 73.5 66.6 100.0
174 84.3 72.7 109.1

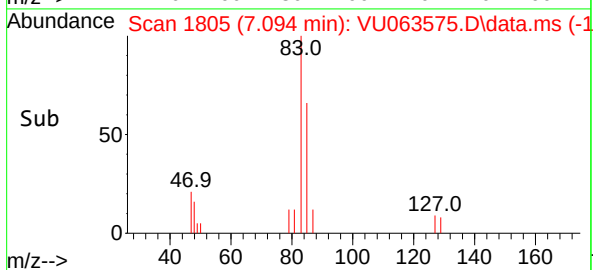
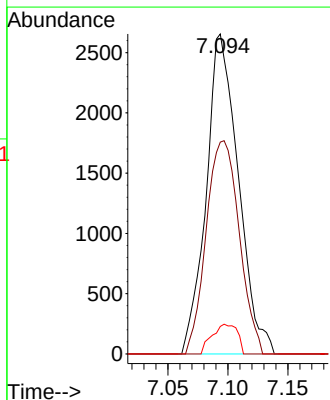
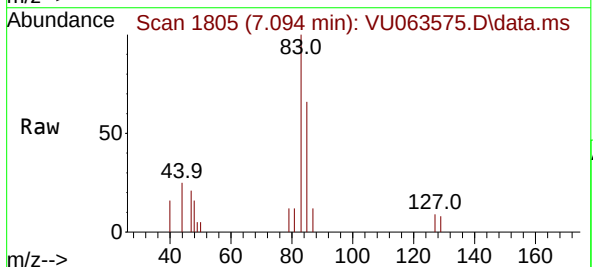
Manual Integrations
APPROVED

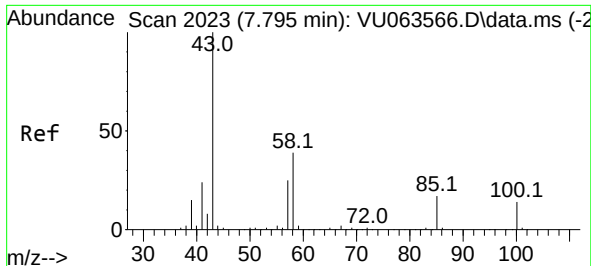
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#44
Bromodichloromethane
Concen: 0.421 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion: 83 Resp: 4947
Ion Ratio Lower Upper
83 100
85 66.2 51.2 76.8
127 8.6 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 2.416 ug/l

RT: 7.801 min Scan# 2023

Delta R.T. 0.006 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

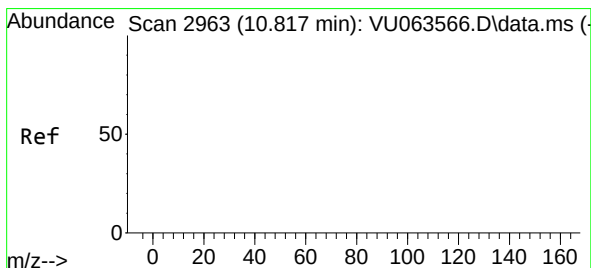
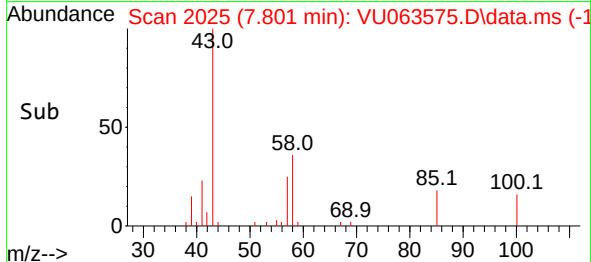
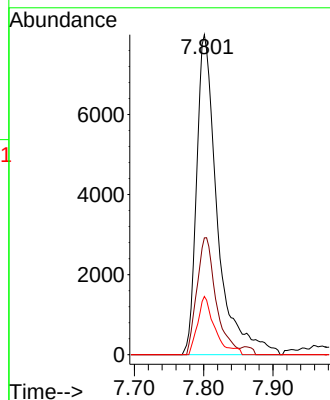
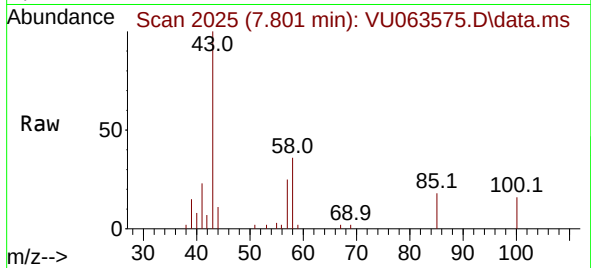
LOQ-WATER-02-QT3-2025

Tgt Ion: 43	Resp: 1665
Ion Ratio	Lower Upper
43 100	
58 33.7	18.9 56.9
85 15.1	13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#46

t-1,4-Dichloro-2-butene

Concen: 0.606 ug/l m

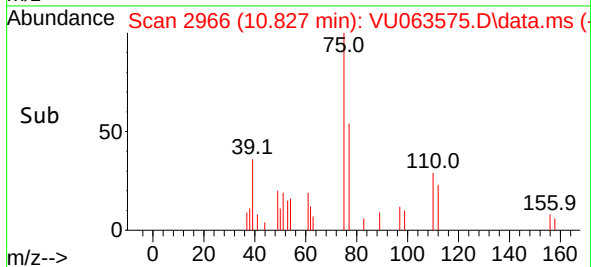
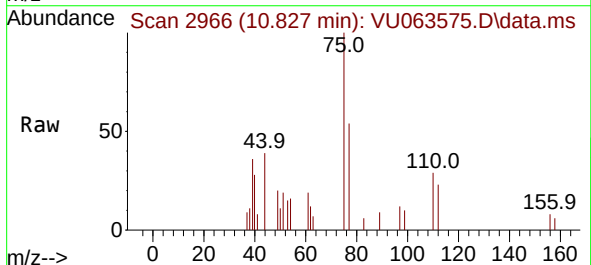
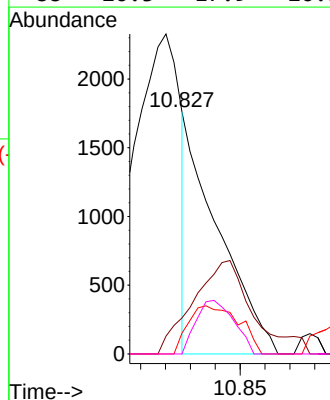
RT: 10.827 min Scan# 2966

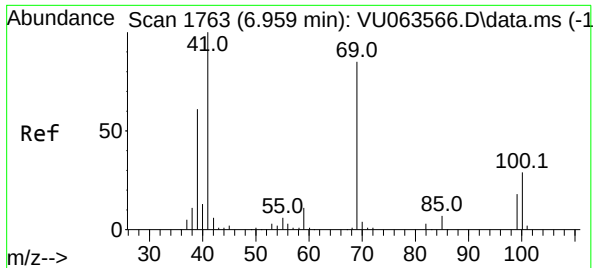
Delta R.T. 0.010 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Tgt Ion: 75	Resp: 1563
Ion Ratio	Lower Upper
75 100	
53 72.1	43.2 64.8
89 31.7	21.9 32.9
88 26.3	17.9 26.9





#47

Methyl methacrylate

Concen: 0.825 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VU063575.D

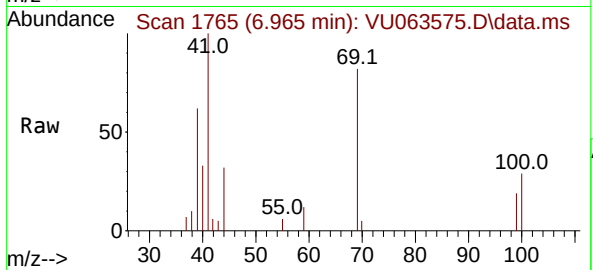
Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2025



Tgt Ion: 69 Resp: 4060

Ion Ratio Lower Upper

69 100

41 131.5 0.0 236.8

39 85.3 57.8 86.6

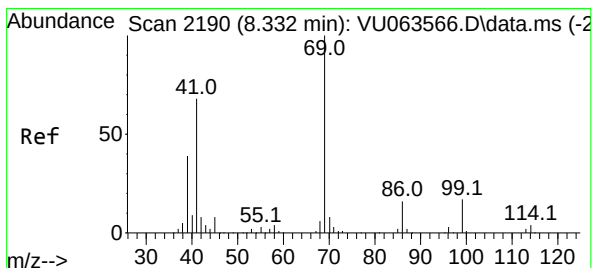
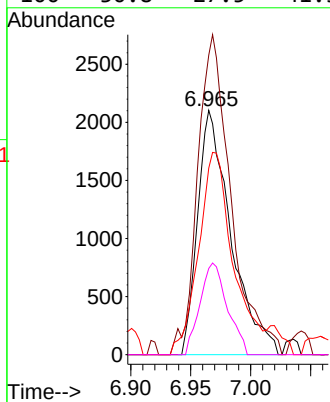
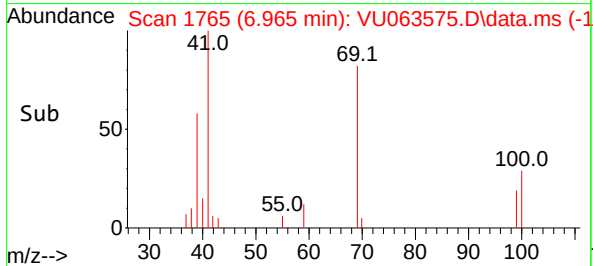
100 30.8 27.5 41.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#48

Ethyl methacrylate

Concen: 0.434 ug/l

RT: 8.341 min Scan# 2193

Delta R.T. 0.010 min

Lab File: VU063575.D

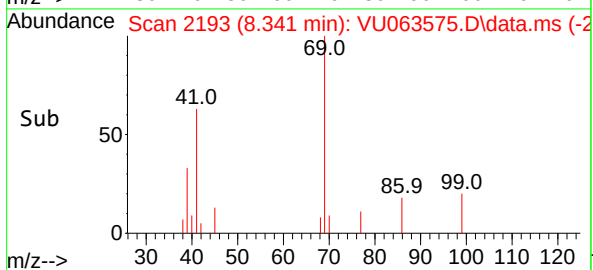
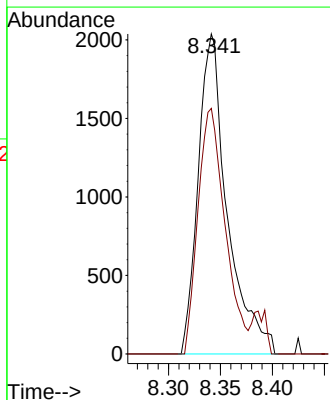
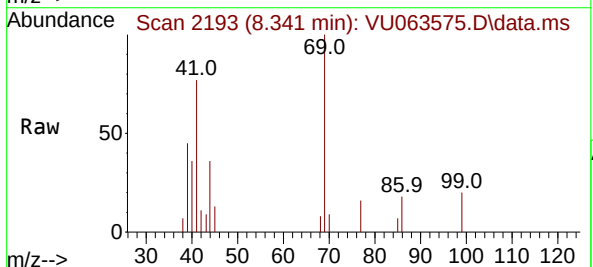
Acq: 15 Sep 2025 13:11

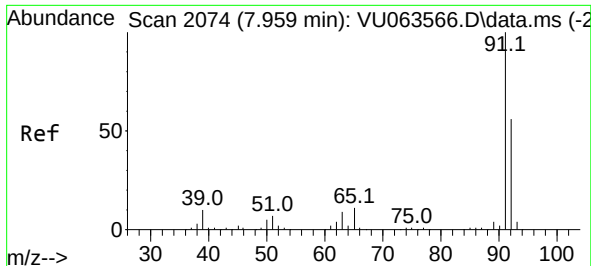
Tgt Ion: 69 Resp: 3963

Ion Ratio Lower Upper

69 100

41 71.8 33.7 101.1





#49

Toluene

Concen: 0.473 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 92 Resp: 11134

Ion Ratio Lower Upper

92 100

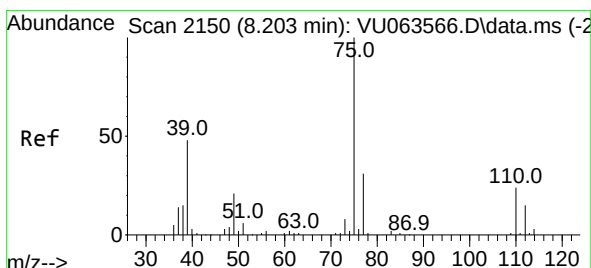
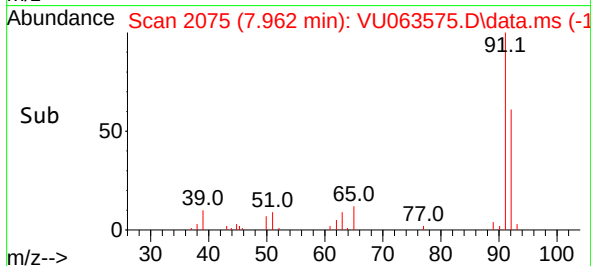
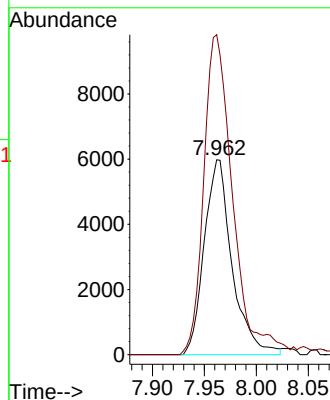
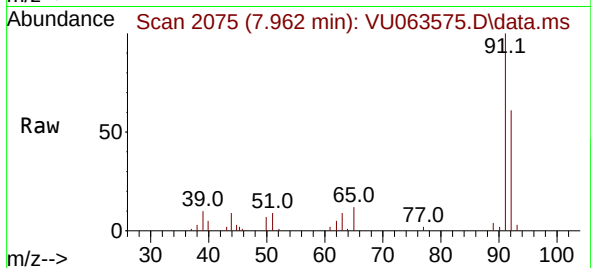
91 170.2 139.4 209.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#50

t-1,3-Dichloropropene

Concen: 0.412 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU063575.D

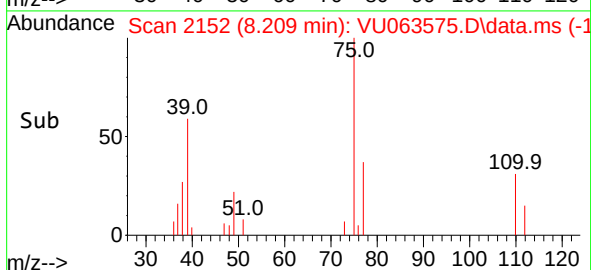
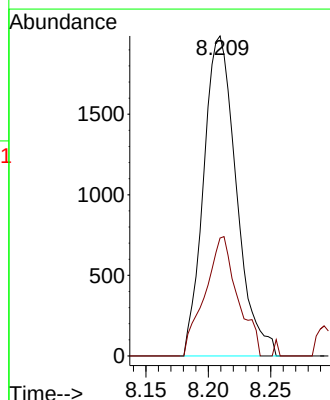
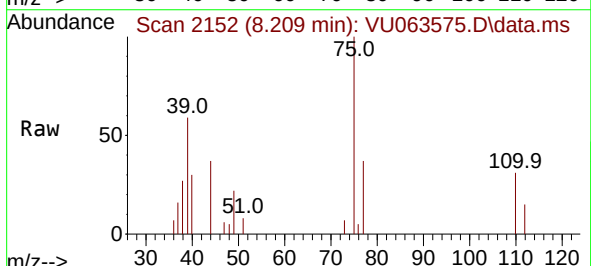
Acq: 15 Sep 2025 13:11

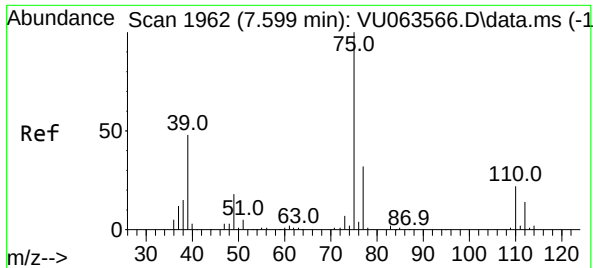
Tgt Ion: 75 Resp: 3632

Ion Ratio Lower Upper

75 100

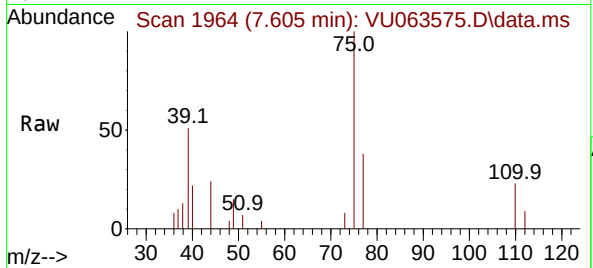
77 36.9 24.8 37.2





#51
 cis-1,3-Dichloropropene
 Concen: 0.429 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

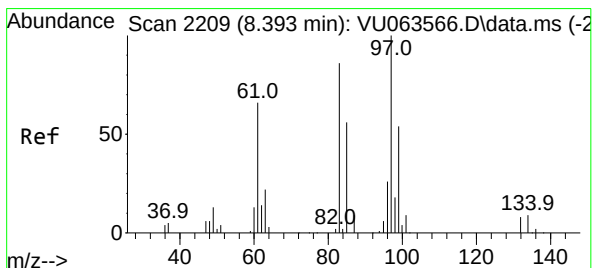
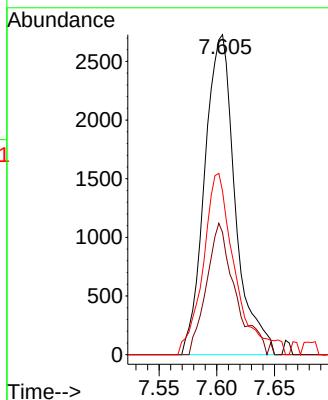
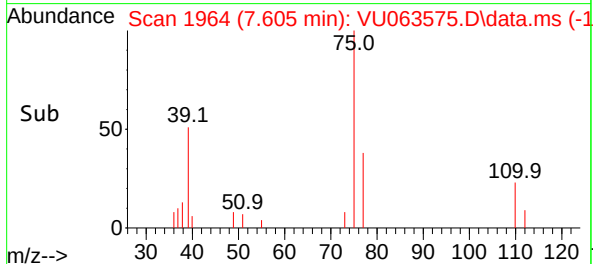
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2025



Tgt Ion: 75 Resp: 502
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.2 37.8
 39 51.2 38.8 58.2

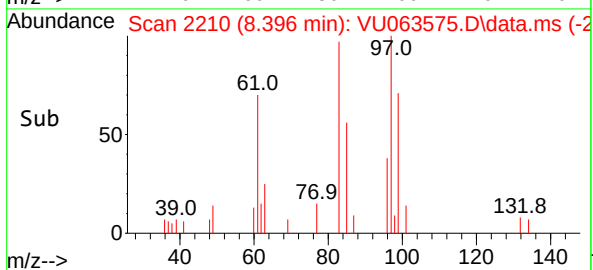
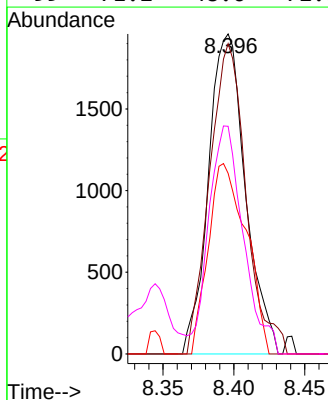
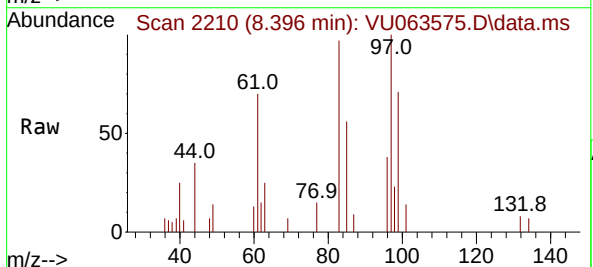
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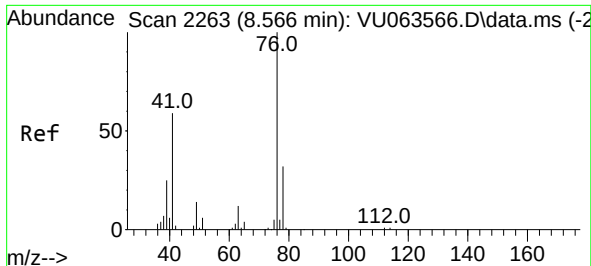
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.456 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

Tgt Ion: 97 Resp: 3555
 Ion Ratio Lower Upper
 97 100
 83 96.9 68.5 102.7
 85 56.5 45.0 67.6
 99 71.2 48.6 72.8





#53

1,3-Dichloropropane

Concen: 0.458 ug/l

RT: 8.569 min Scan# 2199

Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 76 Resp: 619

Ion Ratio Lower Upper

76 100

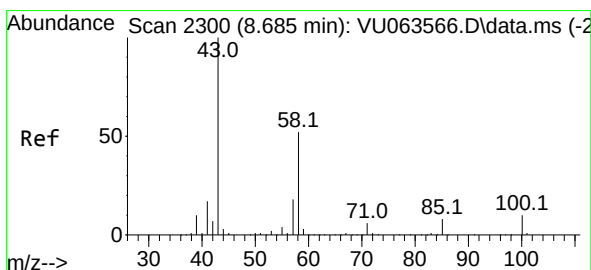
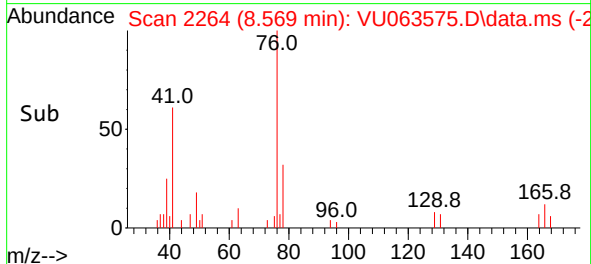
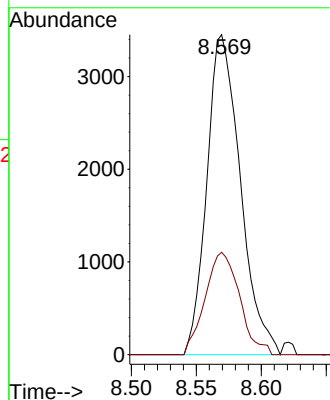
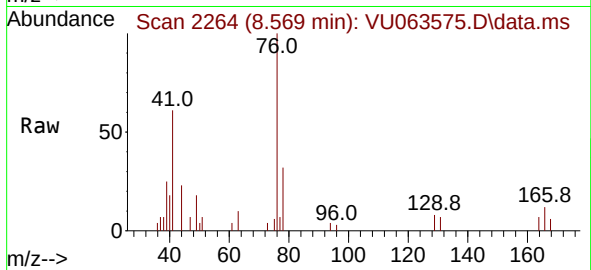
78 32.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#54

2-Hexanone

Concen: 2.056 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.010 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

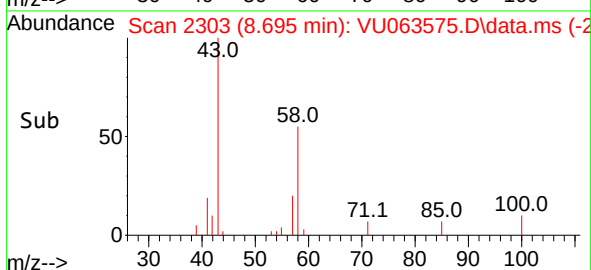
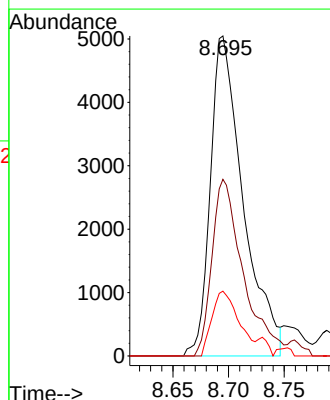
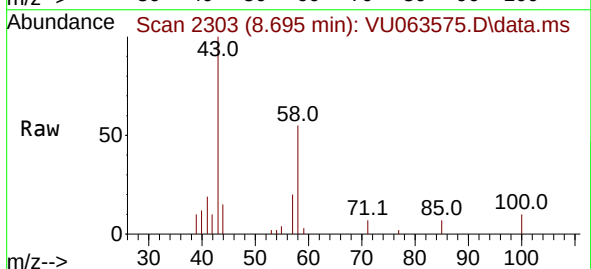
Tgt Ion: 43 Resp: 10355

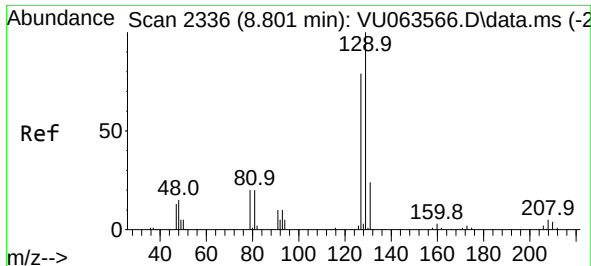
Ion Ratio Lower Upper

43 100

58 52.4 32.7 72.7

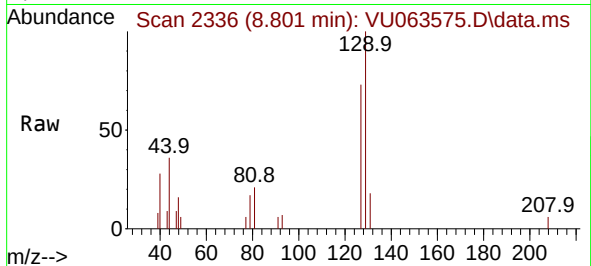
57 16.7 0.0 38.2





#55
Dibromochloromethane
Concen: 0.381 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

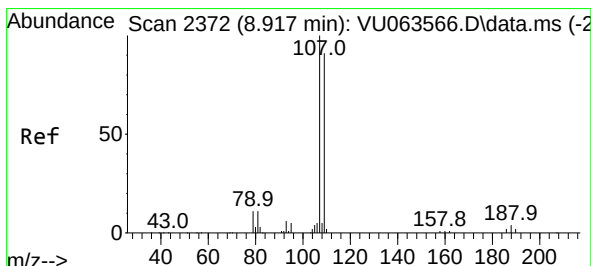
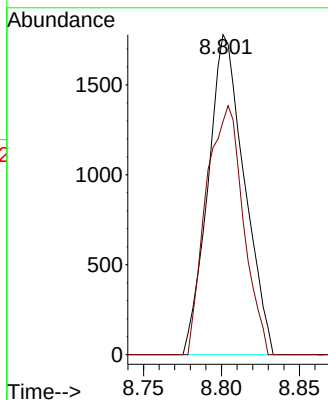
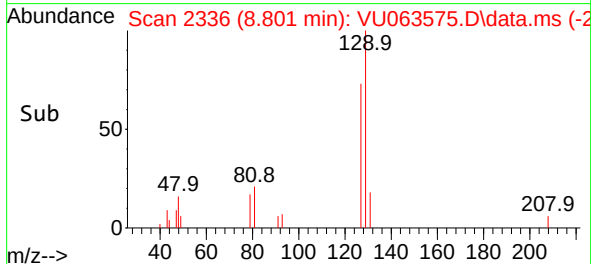
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



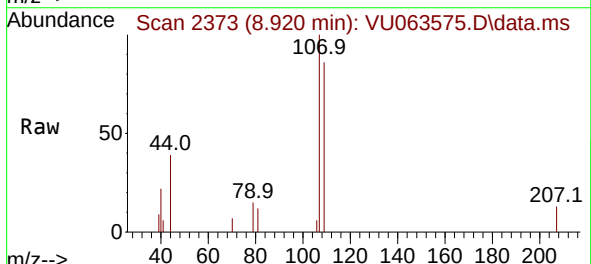
Tgt Ion:129 Resp: 287
Ion Ratio Lower Upper
129 100
127 79.7 61.9 92.9

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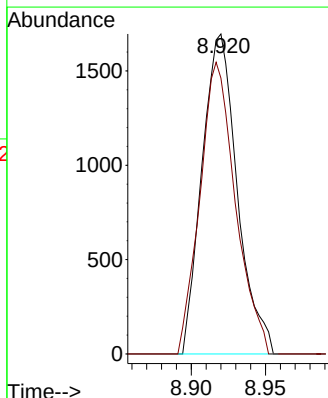
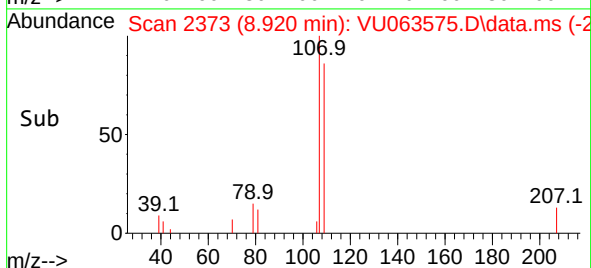
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

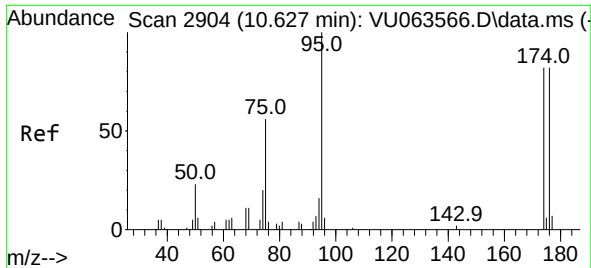


#56
1,2-Dibromoethane
Concen: 0.418 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11



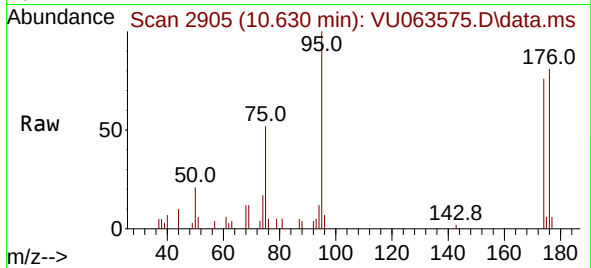
Tgt Ion:107 Resp: 2806
Ion Ratio Lower Upper
107 100
109 91.7 0.0 183.6





#57
4-Bromofluorobenzene
Concen: 0.928 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

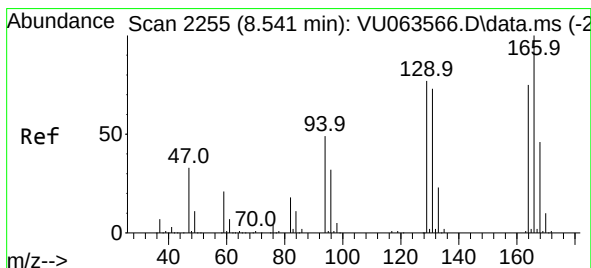
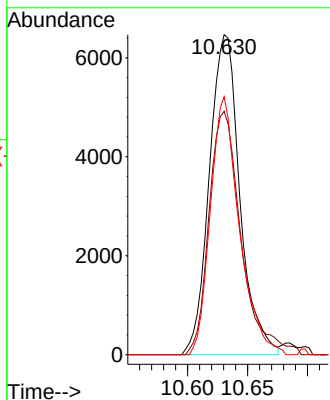
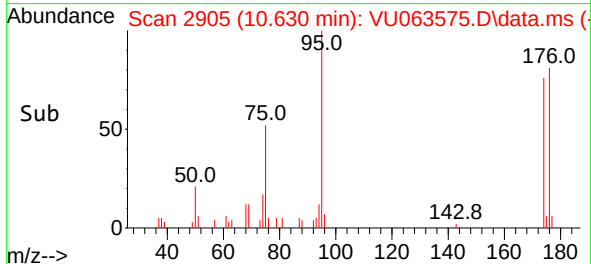
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2025



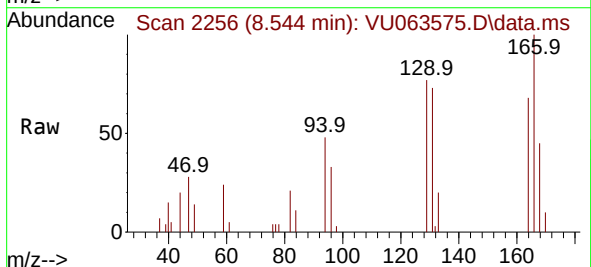
Tgt Ion: 95 Resp: 1144
Ion Ratio Lower Upper
95 100
174 79.9 64.7 97.1
176 76.1 66.2 99.4

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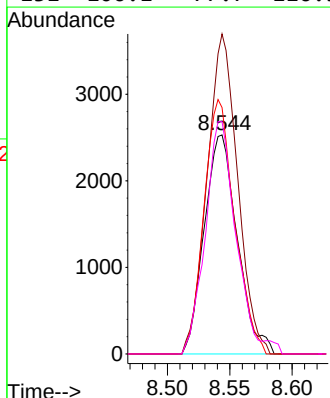
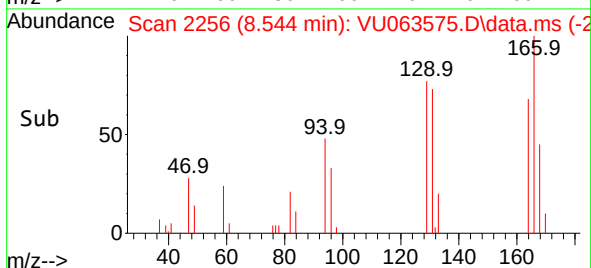
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

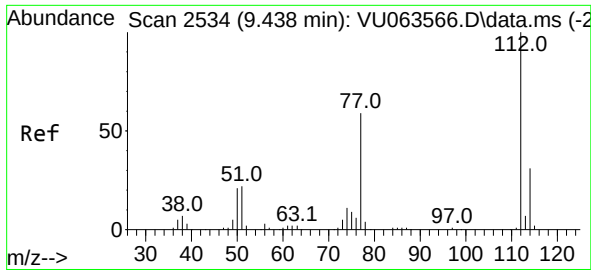


#58
Tetrachloroethene
Concen: 0.439 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11



Tgt Ion:164 Resp: 4665
Ion Ratio Lower Upper
164 100
166 146.1 106.4 159.6
129 112.5 81.4 122.2
131 106.1 77.7 116.5





#59

Chlorobenzene

Concen: 0.460 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion:112 Resp: 1247

Ion Ratio Lower Upper

112 100

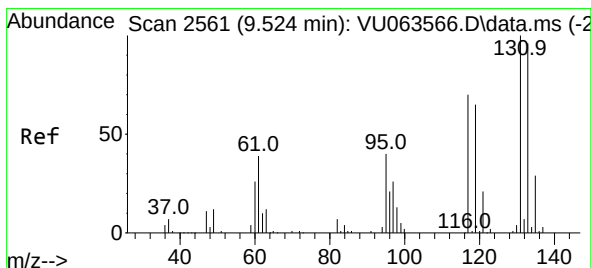
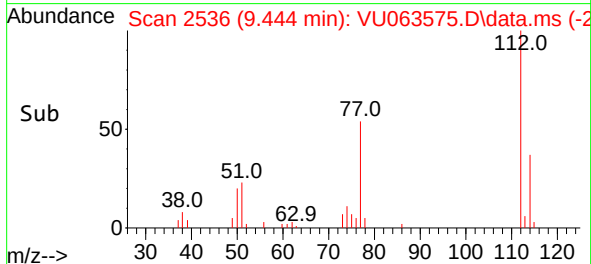
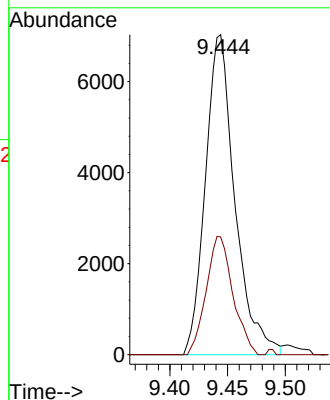
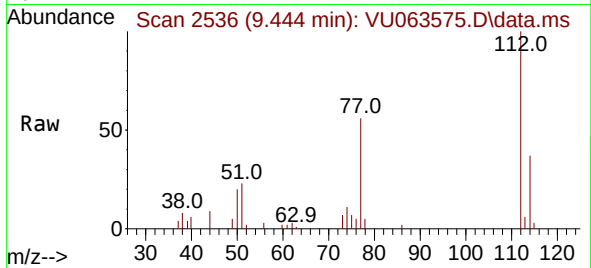
114 36.8 25.0 37.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 0.401 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

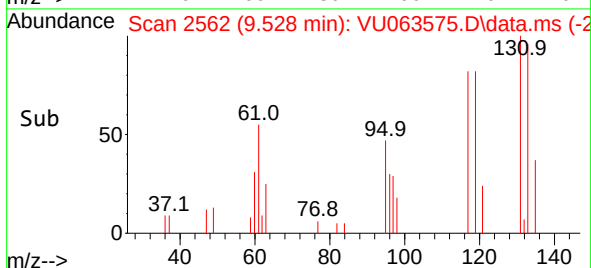
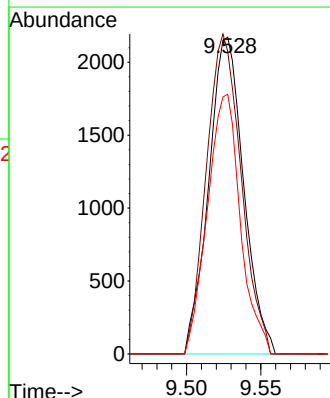
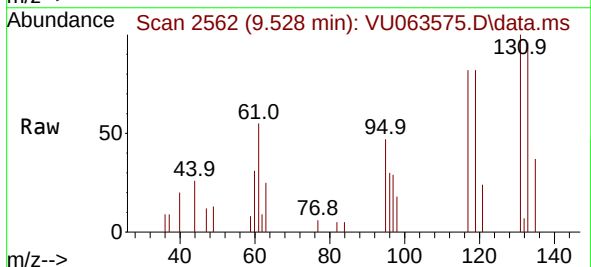
Tgt Ion:131 Resp: 3550

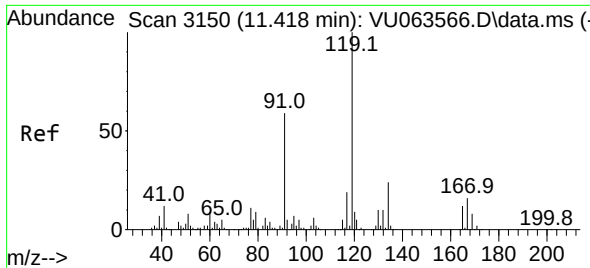
Ion Ratio Lower Upper

131 100

133 100.4 75.8 113.8

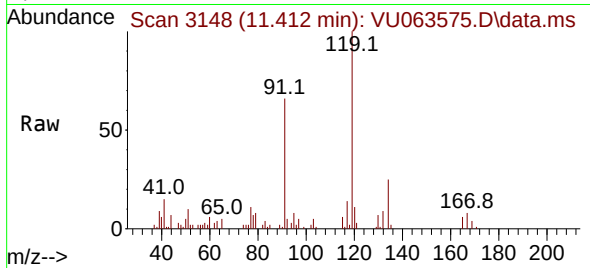
119 77.4 51.8 77.6





#61
Pentachloroethane
Concen: 0.425 ug/l
RT: 11.412 min Scan# 3150
Delta R.T. -0.007 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

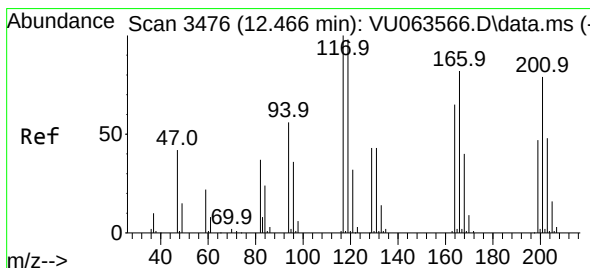
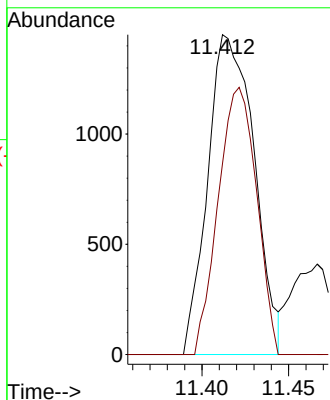
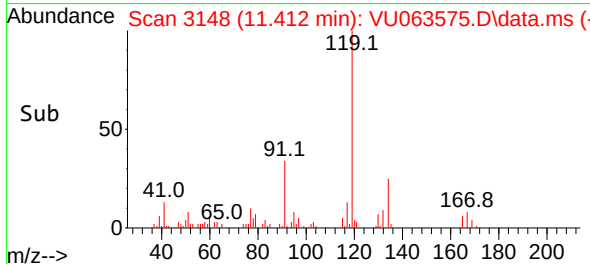
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion:117 Resp: 2699
Ion Ratio Lower Upper
117 100
167 69.2 62.6 93.8

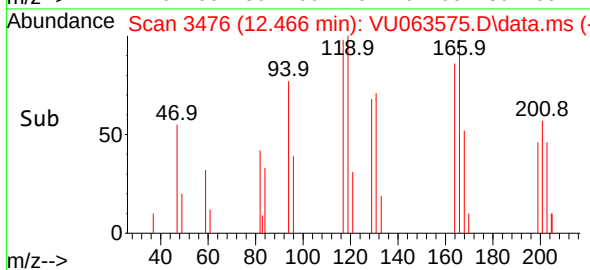
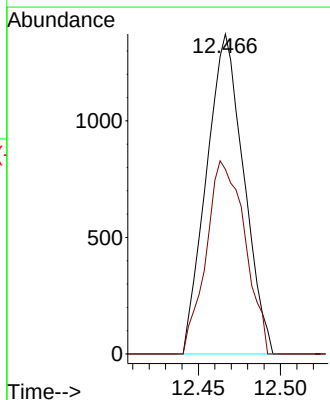
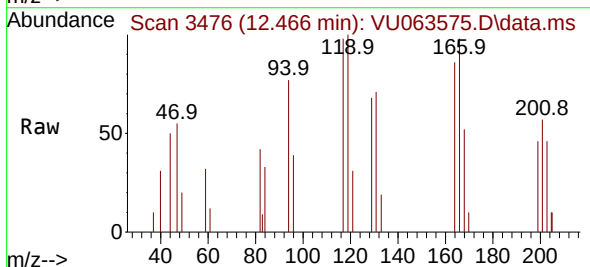
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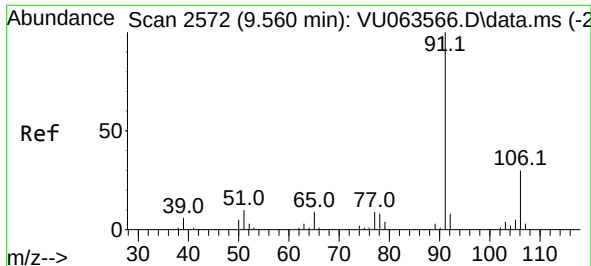
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#62
Hexachloroethane
Concen: 0.392 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion:117 Resp: 2164
Ion Ratio Lower Upper
117 100
201 62.8 61.0 91.6





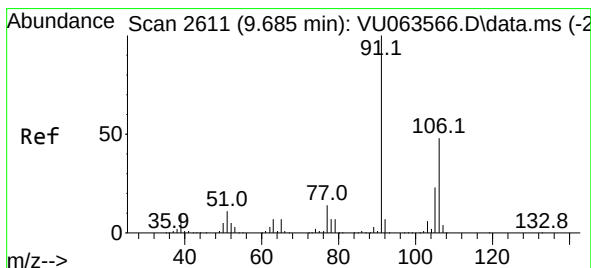
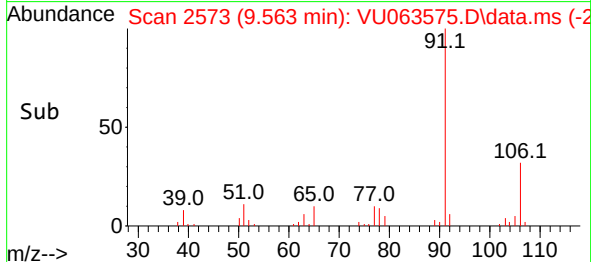
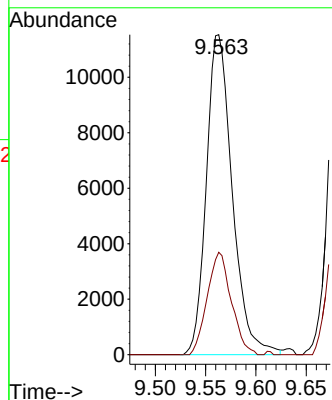
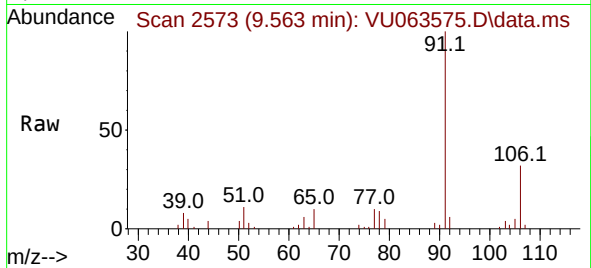
#63
Ethyl Benzene
Concen: 0.447 ug/l
RT: 9.563 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion: 91 Resp: 20694
Ion Ratio Lower Upper
91 100
106 32.0 23.8 35.8

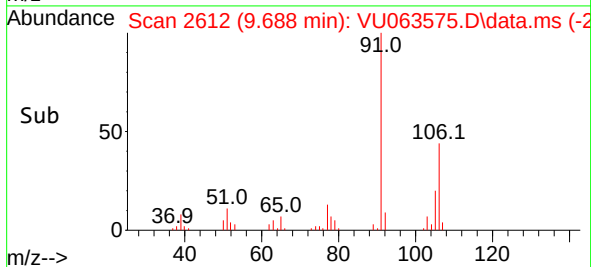
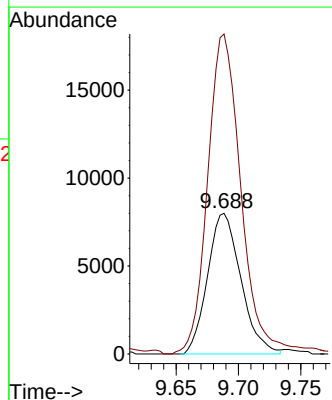
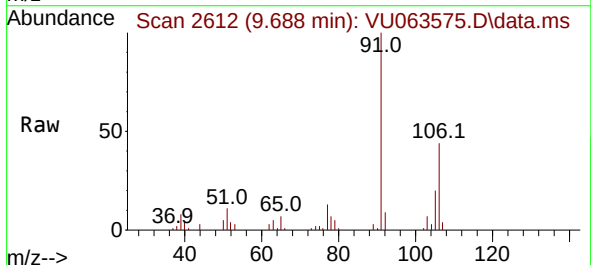
Manual Integrations
APPROVED

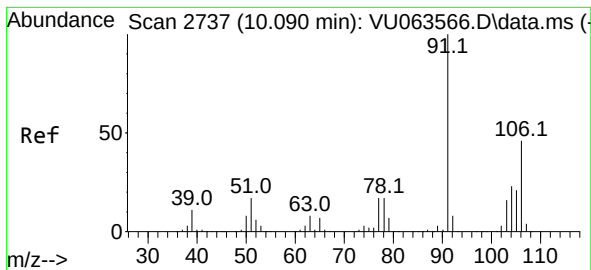
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#64
m/p-Xylenes
Concen: 0.837 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

Tgt Ion:106 Resp: 14879
Ion Ratio Lower Upper
106 100
91 228.8 167.0 250.4





#65

o-Xylene

Concen: 0.442 ug/l

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion:106 Resp: 786

Ion Ratio Lower Upper

106 100

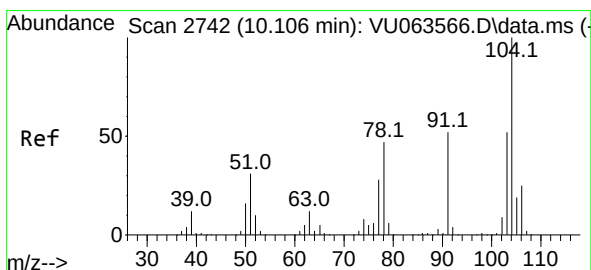
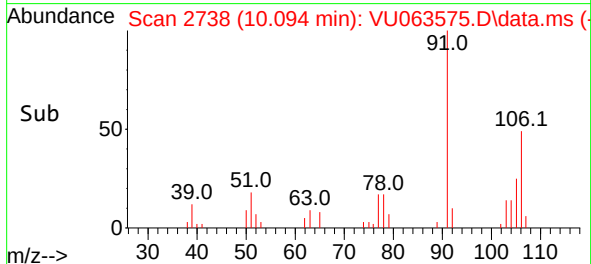
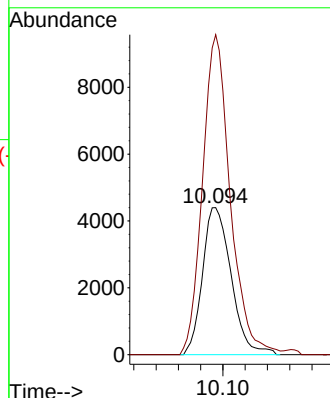
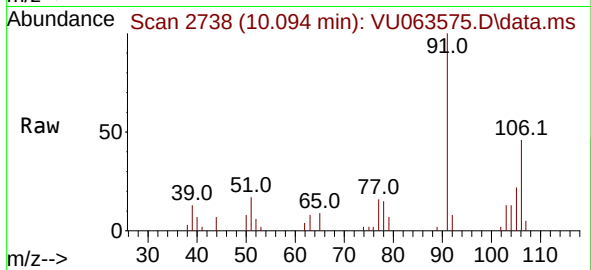
91 210.3 108.7 326.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#66

Styrene

Concen: 0.414 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

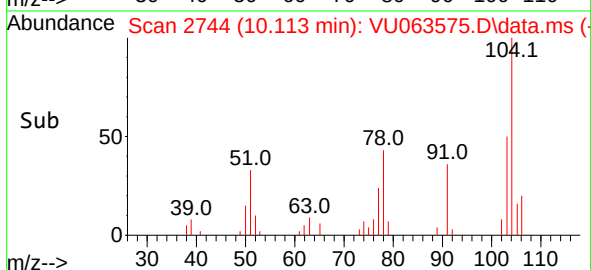
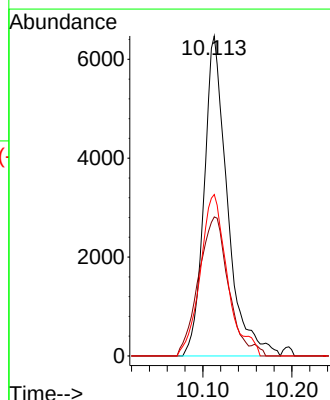
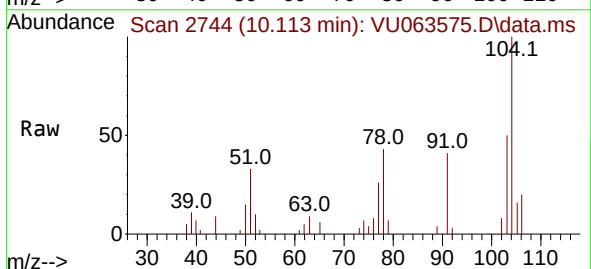
Tgt Ion:104 Resp: 11759

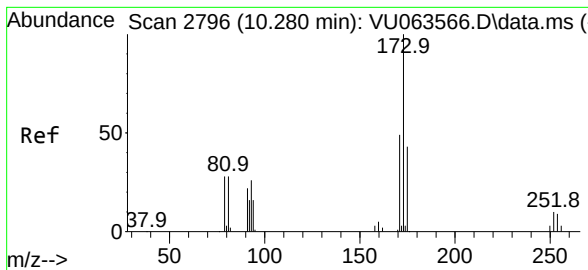
Ion Ratio Lower Upper

104 100

78 56.1 41.2 61.8

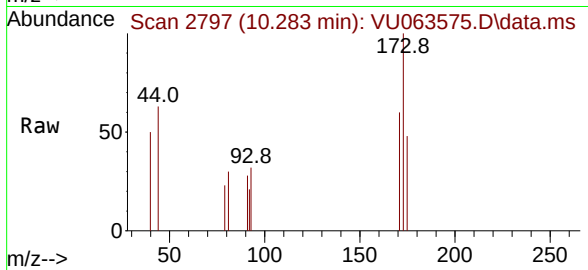
103 58.4 44.2 66.2





#67
Bromoform
Concen: 0.356 ug/l
RT: 10.283 min Scan# 2796
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

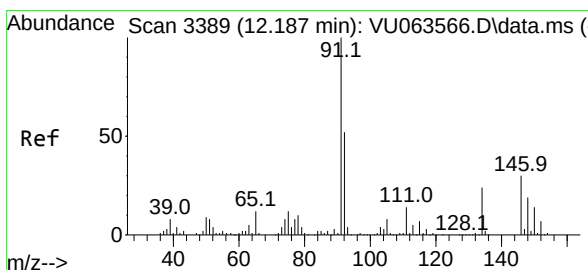
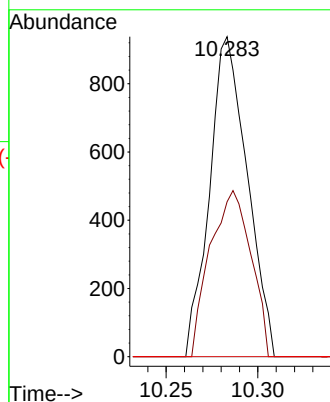
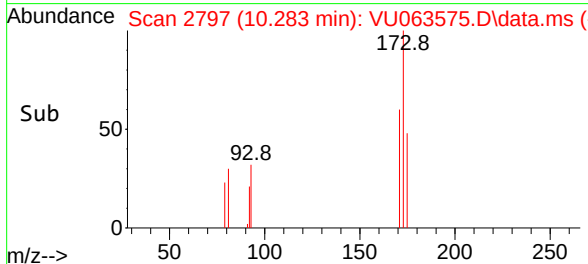
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



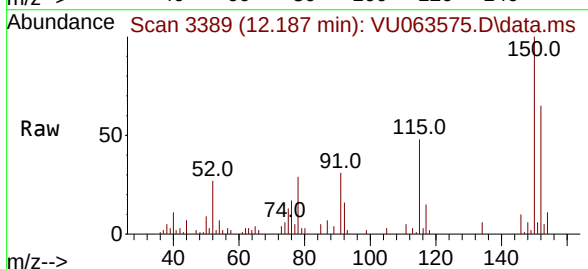
Tgt Ion:173 Resp: 1340
Ion Ratio Lower Upper
173 100
175 56.3 37.0 55.6
254 0.0 7.1 10.7

Manual Integrations
APPROVED

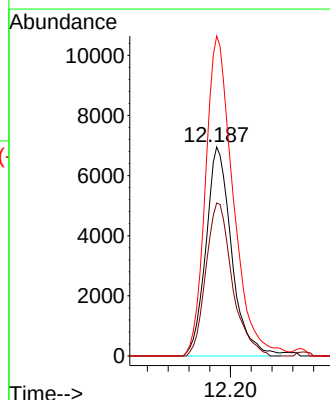
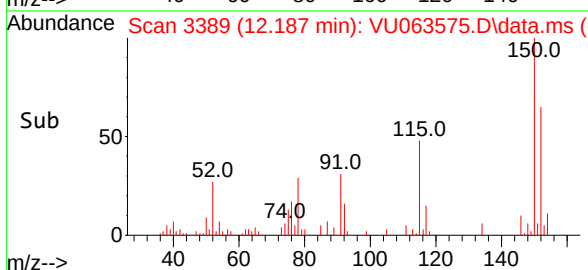
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

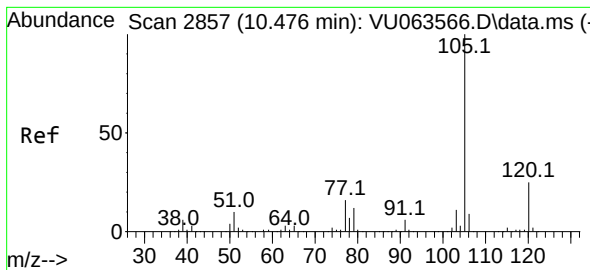


#68
1,2-Dichlorobenzene-d4
Concen: 0.948 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11



Tgt Ion:152 Resp: 11918
Ion Ratio Lower Upper
152 100
115 75.1 0.0 260.6
150 164.7 0.0 661.8





#69

Isopropylbenzene

Concen: 0.453 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion:105 Resp: 1954

Ion Ratio Lower Upper

105 100

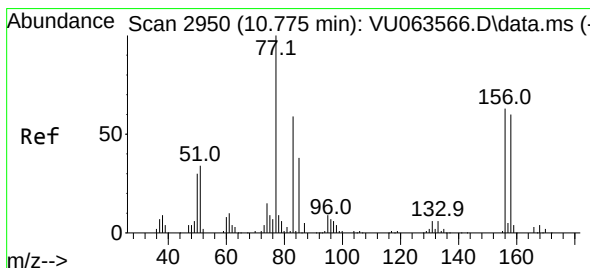
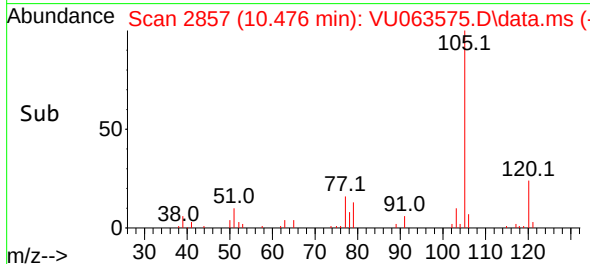
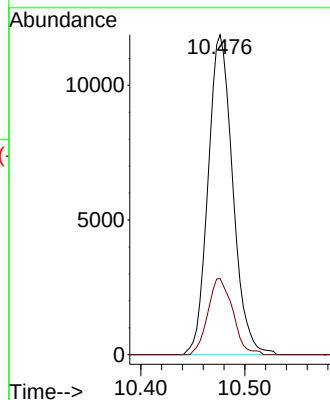
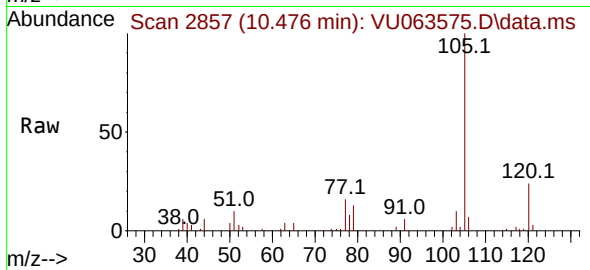
120 24.1 12.7 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 0.499 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

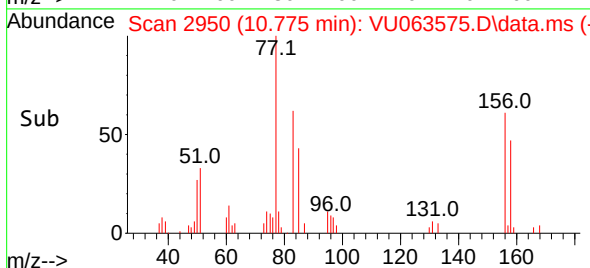
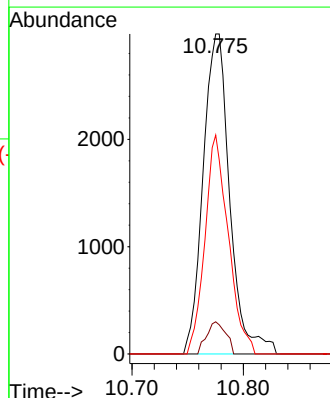
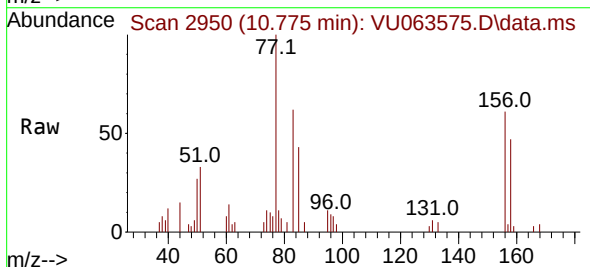
Tgt Ion: 83 Resp: 4952

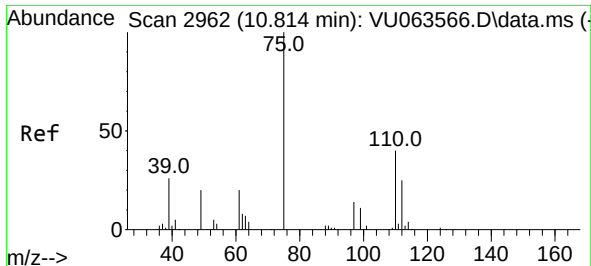
Ion Ratio Lower Upper

83 100

131 7.2 7.7 11.5#

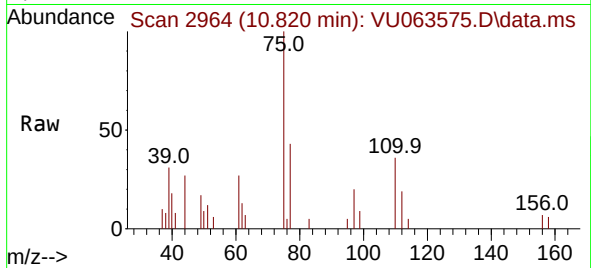
85 60.2 52.2 78.4





#71
1,2,3-Trichloropropane
Concen: 0.533 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.006 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

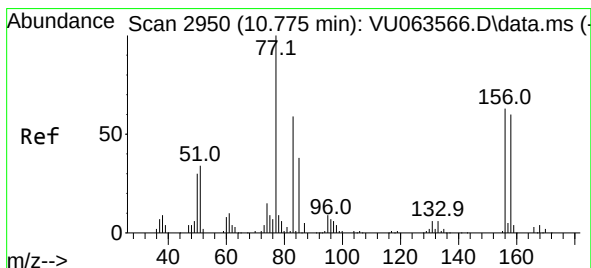
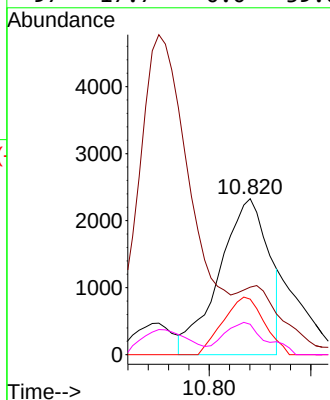
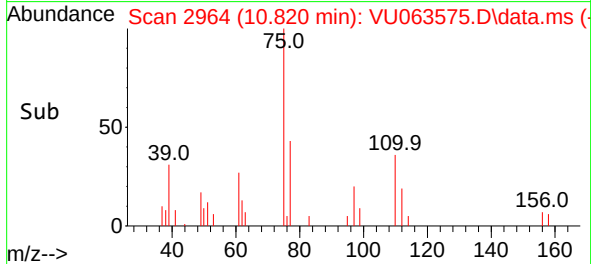
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



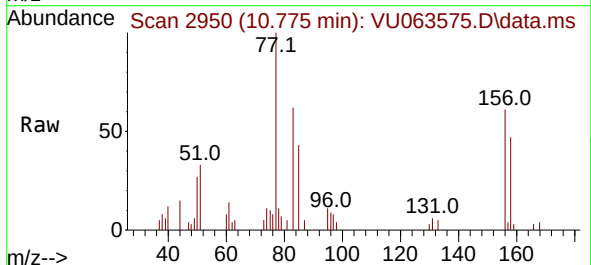
Tgt Ion: 75 Resp: 392
Ion Ratio Lower Upper
75 100
77 27.6 0.0 0.0
110 31.0 0.0 77.6
97 17.7 0.0 39.6

Manual Integrations
APPROVED

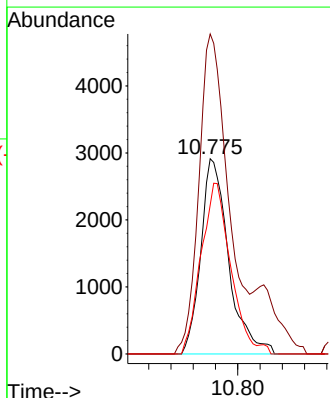
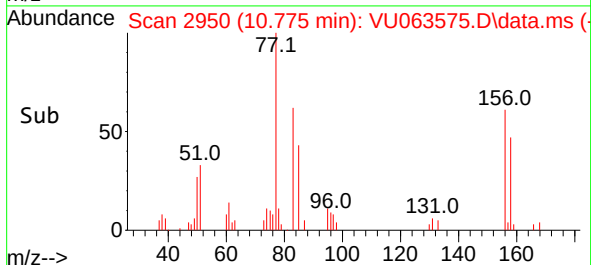
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

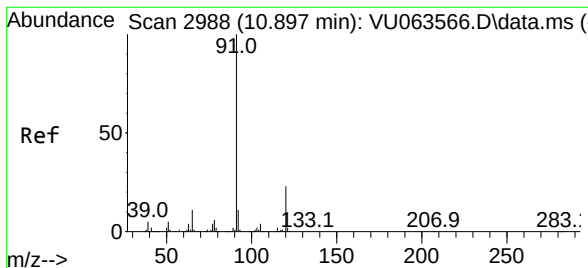


#72
Bromobenzene
Concen: 0.450 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11



Tgt Ion:156 Resp: 5048
Ion Ratio Lower Upper
156 100
77 171.8 0.0 323.0
158 93.7 0.0 195.4





#73

n-propylbenzene

Concen: 0.457 ug/l

RT: 10.901 min Scan# 2989

Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion:120 Resp: 570

Ion Ratio Lower Upper

120 100

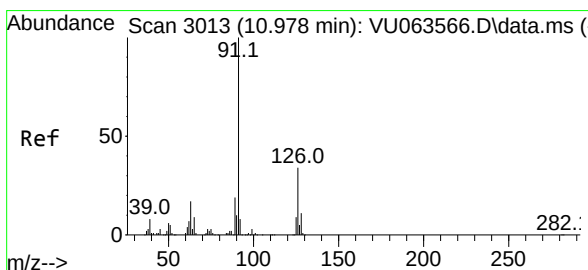
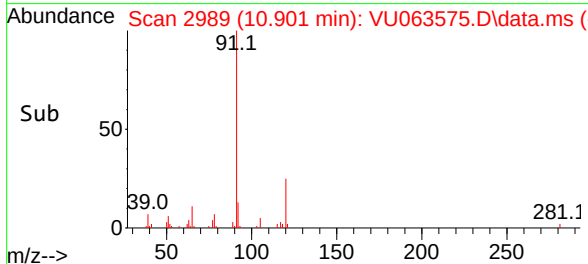
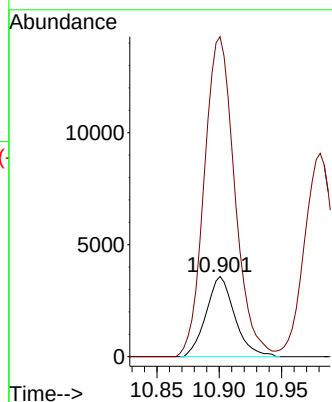
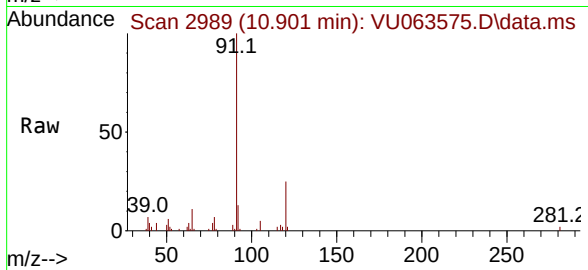
91 425.4 349.1 523.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#74

2-Chlorotoluene

Concen: 0.473 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.003 min

Lab File: VU063575.D

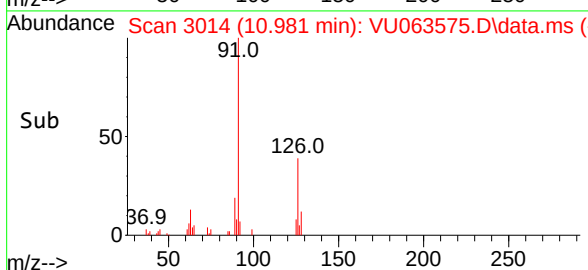
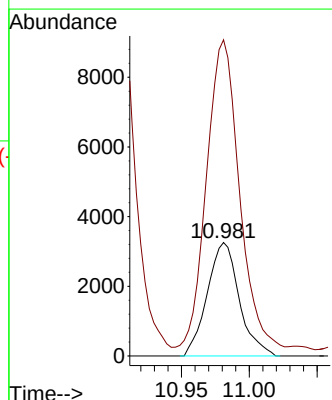
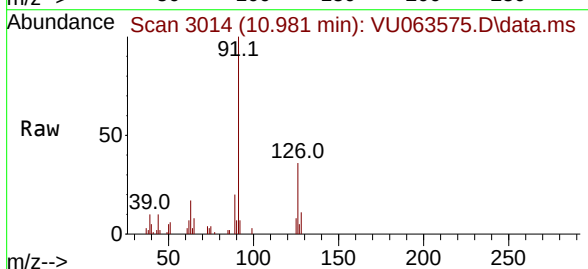
Acq: 15 Sep 2025 13:11

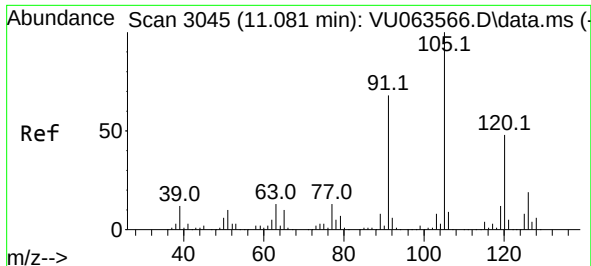
Tgt Ion:126 Resp: 5338

Ion Ratio Lower Upper

126 100

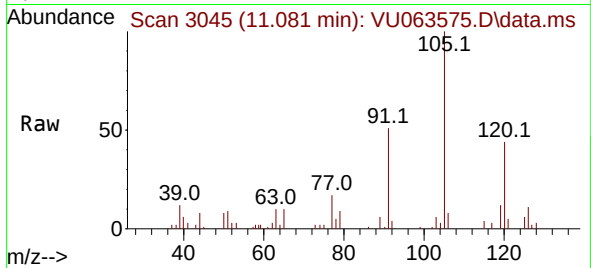
91 279.6 0.0 609.4





#75
1,3,5-Trimethylbenzene
Concen: 0.413 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

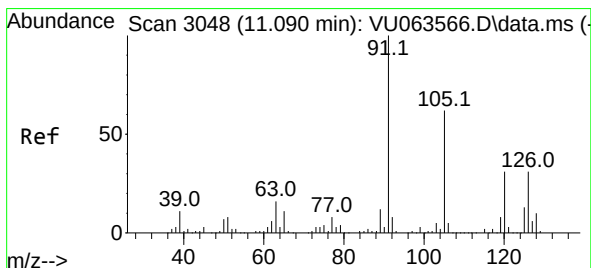
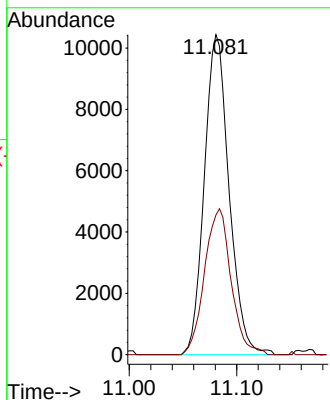
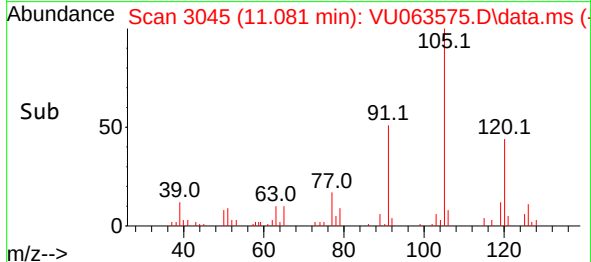
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2025



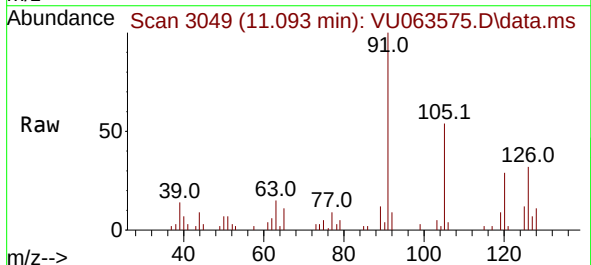
Tgt Ion:105 Resp: 1669
Ion Ratio Lower Upper
105 100
120 48.9 38.0 57.0

Manual Integrations
APPROVED

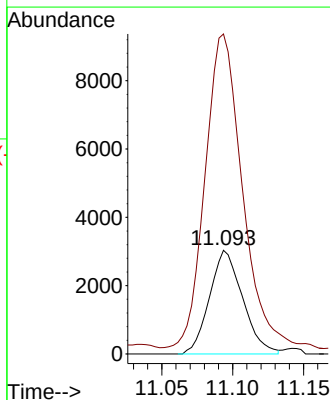
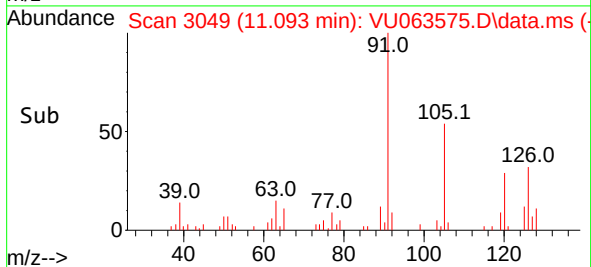
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

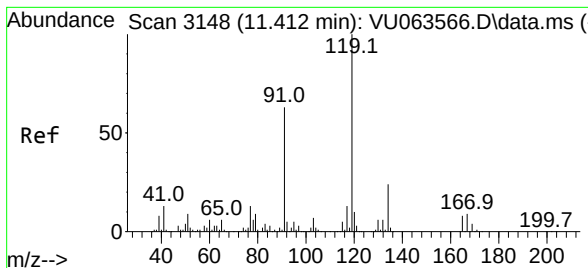


#76
4-Chlorotoluene
Concen: 0.418 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11



Tgt Ion:126 Resp: 4938
Ion Ratio Lower Upper
126 100
91 366.4 0.0 679.4





#77

tert-Butylbenzene

Concen: 0.436 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

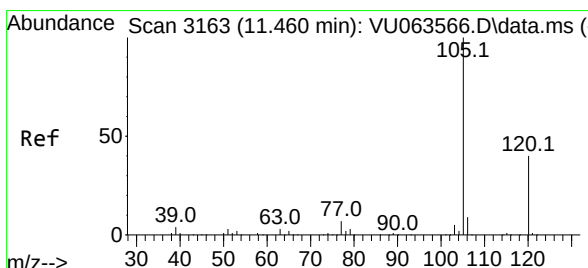
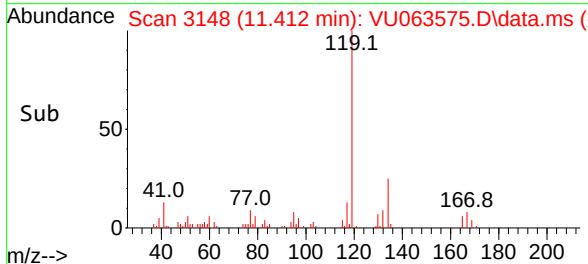
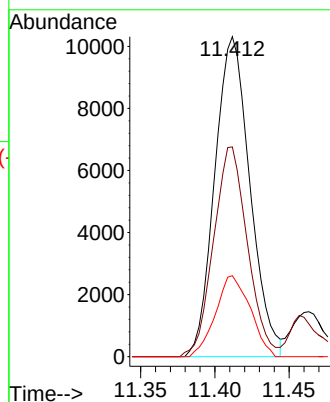
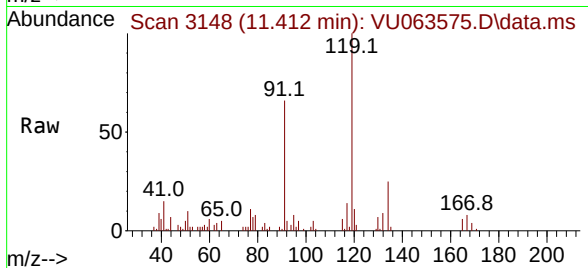
LOQ-WATER-02-QT3-2025

Tgt Ion:	119	Resp:	1701
Ion Ratio	Lower	Upper	
119	100		
91	63.3	31.0	93.0
134	24.9	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#78

1,2,4-Trimethylbenzene

Concen: 0.443 ug/l

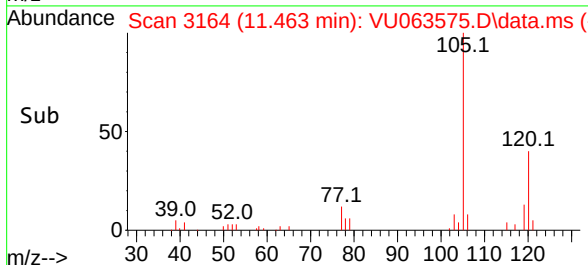
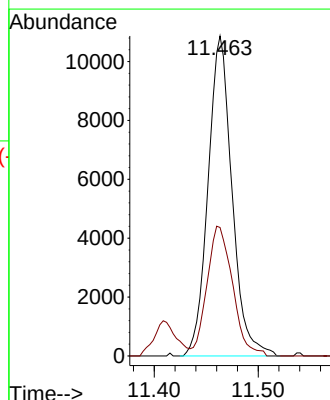
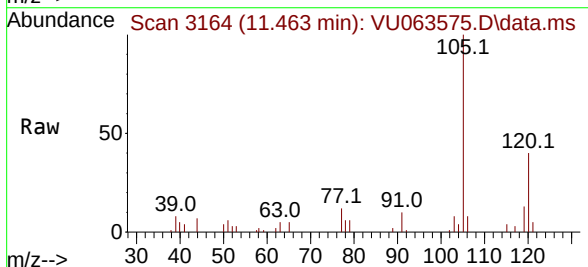
RT: 11.463 min Scan# 3164

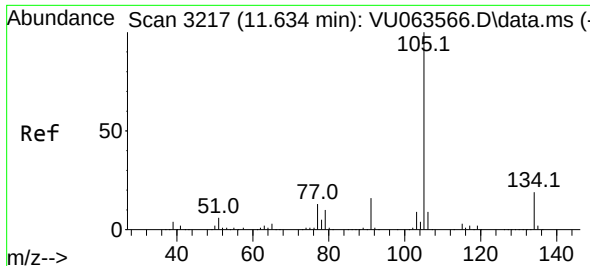
Delta R.T. 0.003 min

Lab File: VU063575.D

Acq: 15 Sep 2025 13:11

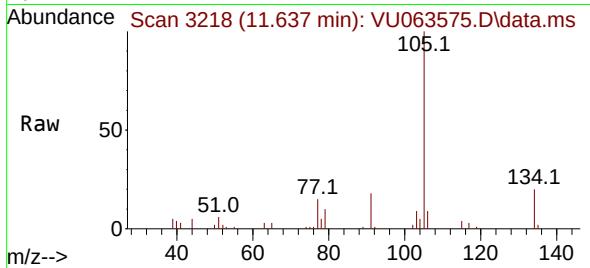
Tgt Ion:	105	Resp:	17435
Ion Ratio	Lower	Upper	
105	100		
120	43.2	22.4	67.3





#79
 sec-Butylbenzene
 Concen: 0.443 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11

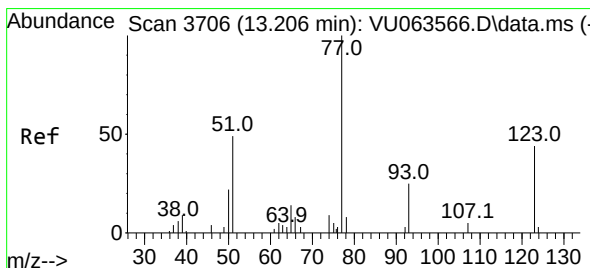
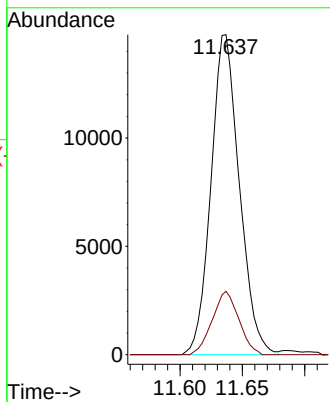
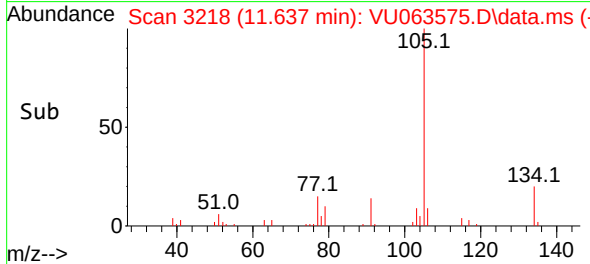
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2025



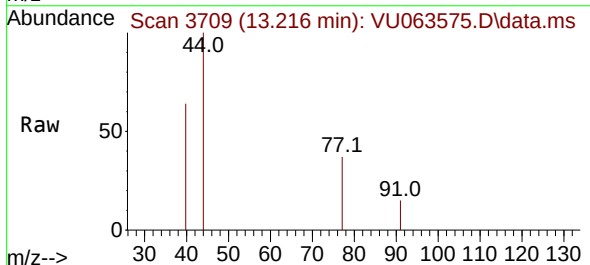
Tgt Ion:105 Resp: 23420
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.6 23.4

Manual Integrations
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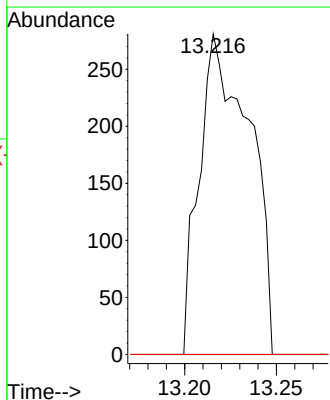
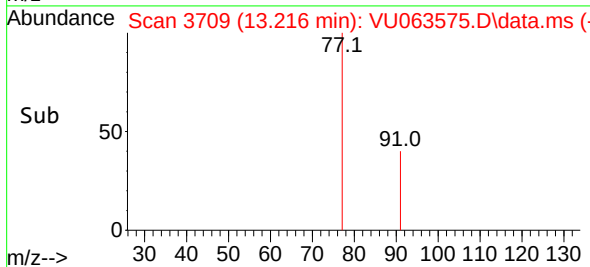
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

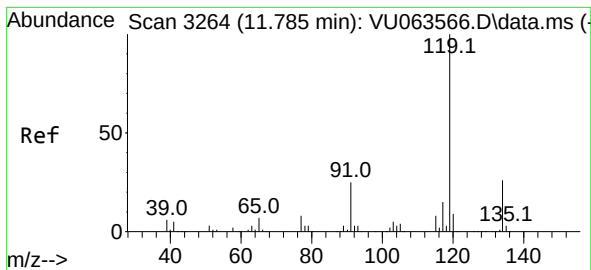


#80
 Nitrobenzene
 Concen: 3.914 ug/l
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.010 min
 Lab File: VU063575.D
 Acq: 15 Sep 2025 13:11



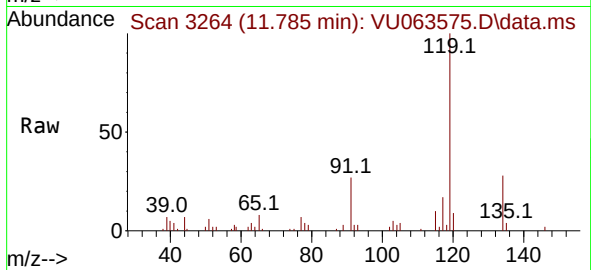
Tgt Ion: 77 Resp: 533
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.0 63.6#
 65 0.0 12.8 16.4#





#81
p-Isopropyltoluene
Concen: 0.438 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

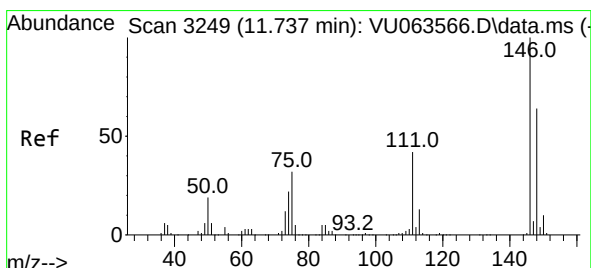
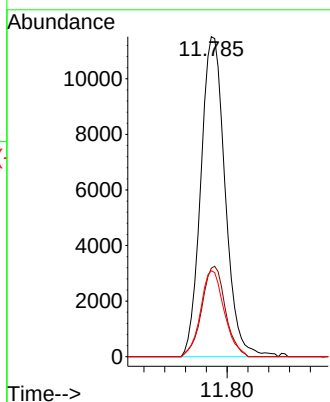
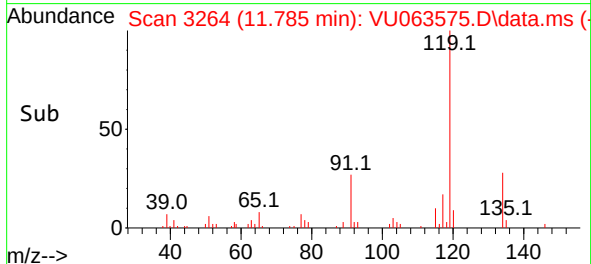
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



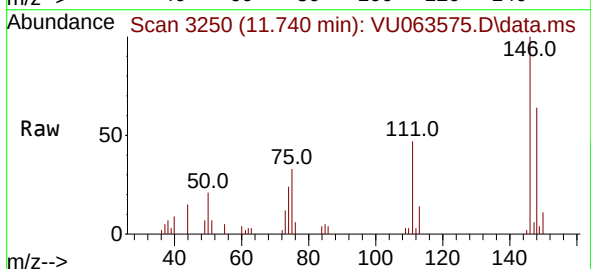
Tgt Ion:119 Resp: 1866
Ion Ratio Lower Upper
119 100
134 27.3 20.6 30.8
91 26.2 19.8 29.6

Manual Integrations
APPROVED

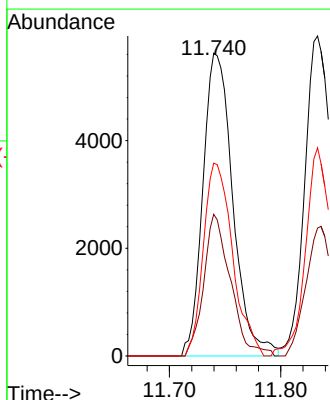
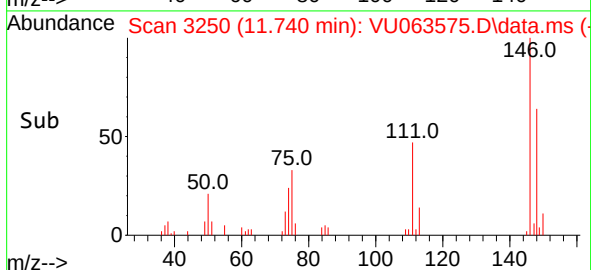
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

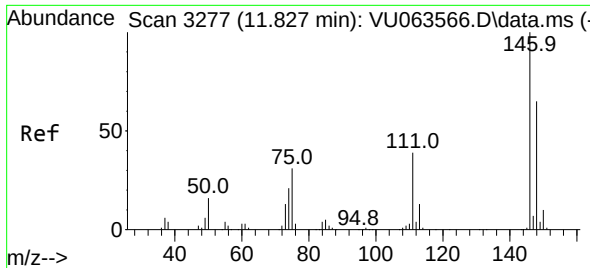


#82
1,3-Dichlorobenzene
Concen: 0.466 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11



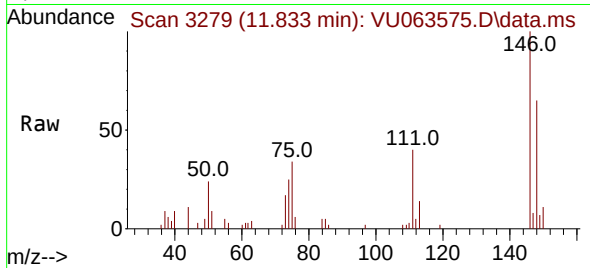
Tgt Ion:146 Resp: 10517
Ion Ratio Lower Upper
146 100
111 41.7 32.7 49.1
148 62.0 50.4 75.6





#83
1,4-Dichlorobenzene
Concen: 0.464 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

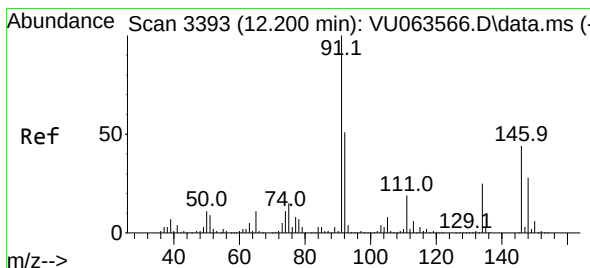
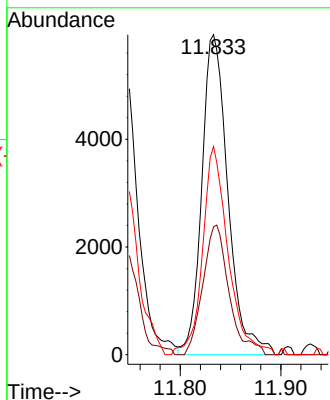
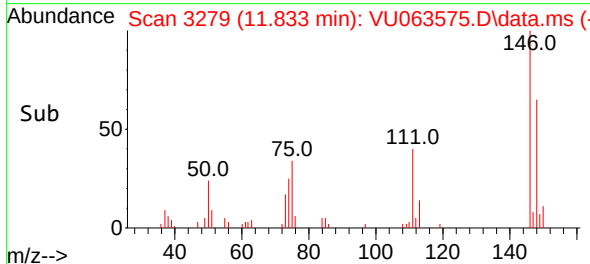
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



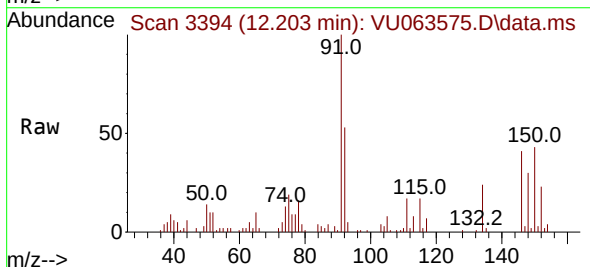
Tgt Ion:146 Resp: 10739
Ion Ratio Lower Upper
146 100
111 40.5 31.6 47.4
148 63.5 51.8 77.8

Manual Integrations
APPROVED

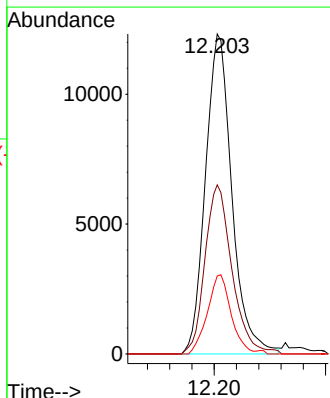
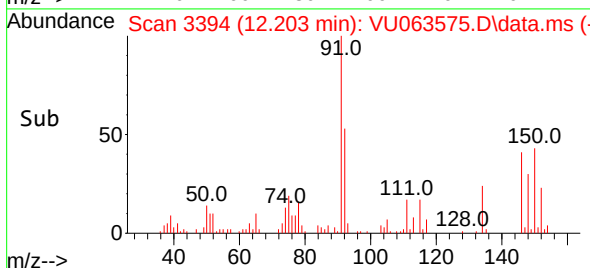
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

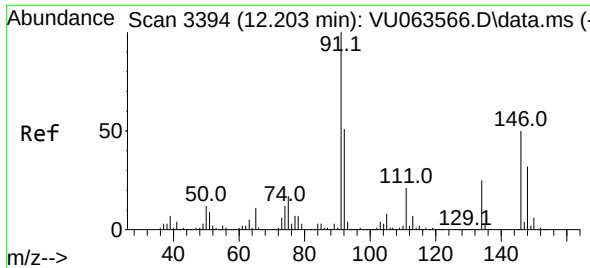


#84
n-Butylbenzene
Concen: 0.508 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11



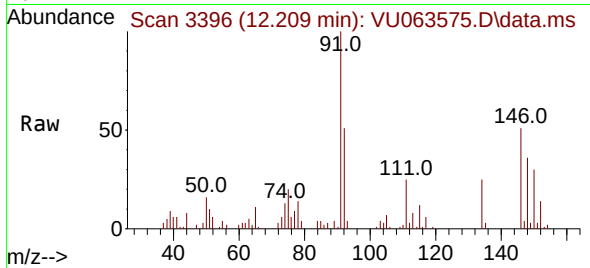
Tgt Ion: 91 Resp: 20265
Ion Ratio Lower Upper
91 100
92 54.0 41.3 61.9
134 22.5 19.9 29.9





#85
1,2-Dichlorobenzene
Concen: 0.469 ug/l
RT: 12.209 min Scan# 3394
Delta R.T. 0.006 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

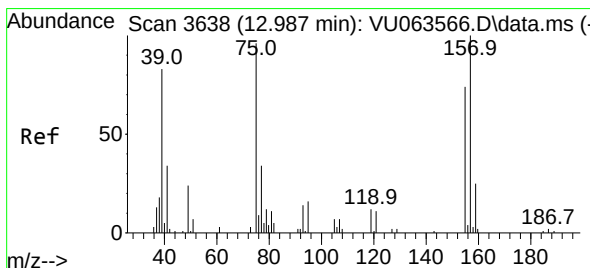
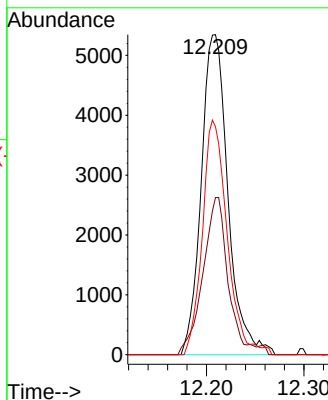
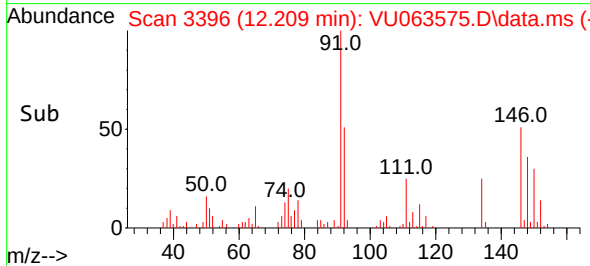
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2025



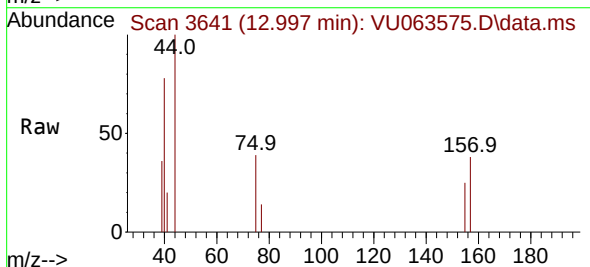
Tgt Ion:146 Resp: 1020
Ion Ratio Lower Upper
146 100
111 46.0 21.0 63.0
148 68.2 31.8 95.3

Manual Integrations
APPROVED

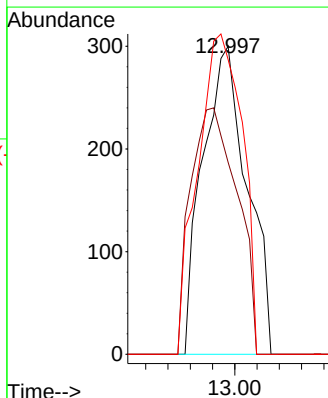
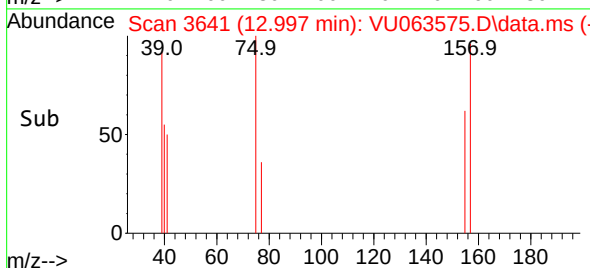
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

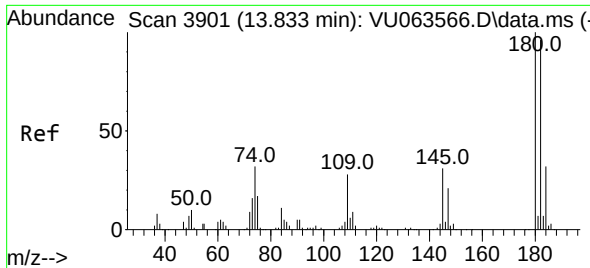


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.325 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.010 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11



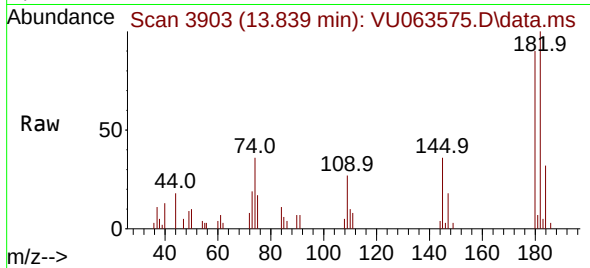
Tgt Ion: 75 Resp: 416
Ion Ratio Lower Upper
75 100
155 83.9 64.1 96.1
157 104.6 84.2 126.4





#87
1,2,4-Trichlorobenzene
Concen: 0.574 ug/l
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11

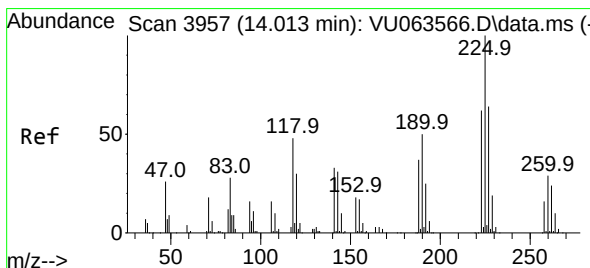
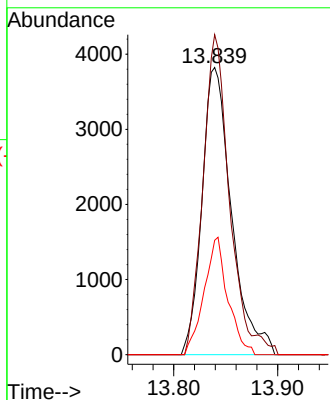
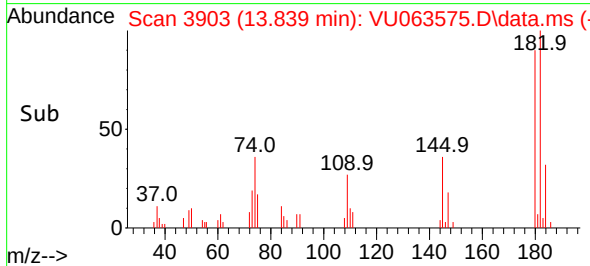
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2025



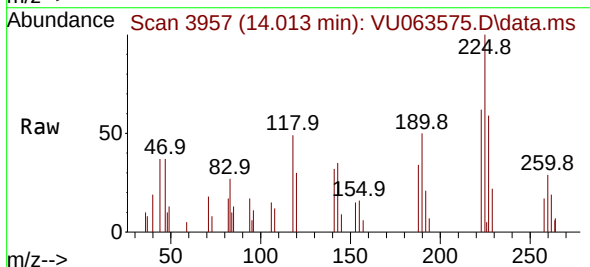
Tgt Ion:180 Resp: 7550
Ion Ratio Lower Upper
180 100
182 100.2 77.1 115.7
145 32.9 25.0 37.4

Manual Integrations
APPROVED

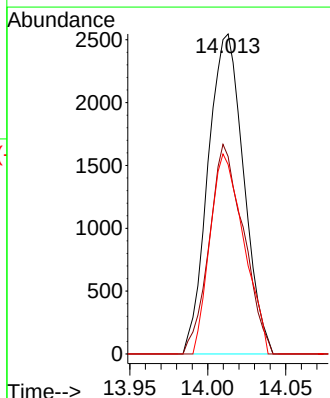
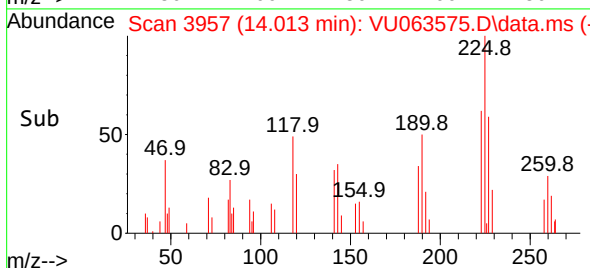
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

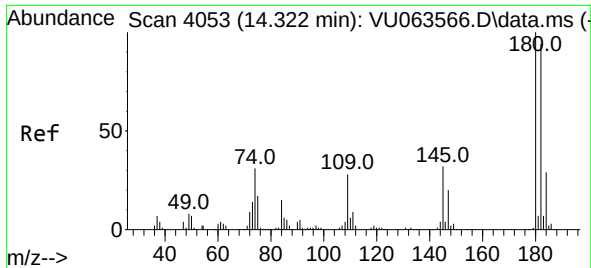


#88
Hexachlorobutadiene
Concen: 0.494 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063575.D
Acq: 15 Sep 2025 13:11



Tgt Ion:225 Resp: 4048
Ion Ratio Lower Upper
225 100
223 63.3 50.2 75.2
227 59.3 51.6 77.4





#90

1,2,3-Trichlorobenzene

Concen: 0.612 ug/l

RT: 14.328 min Scan# 4053

Delta R.T. 0.006 min

Lab File: VU063575.D

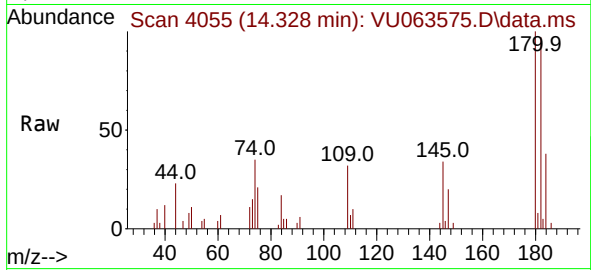
Acq: 15 Sep 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2025



Tgt Ion:180 Resp: 7652

Ion Ratio Lower Upper

180 100

182 101.1 76.8 115.2

145 36.3 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025

