

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
 Data File : VU063456.D
 Acq On : 25 Jun 2025 13:33
 Operator : MD/SY
 Sample : Q2126-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: Jun 26 01:56:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 26 01:53:14 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.101	96	47117	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13186	0.762	ug/l	0.00
Spiked Amount 1.000			Recovery	=	76.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	14709	0.847	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	6466	0.357	ug/l	97
3) Chloromethane	1.519	50	8404	0.353	ug/l	98
4) Vinyl Chloride	1.599	62	7639	0.374	ug/l	94
5) Bromomethane	1.847	94	5020	0.513	ug/l	96
6) Chloroethane	1.927	64	4335	0.359	ug/l	# 83
7) Trichlorofluoromethane	2.130	101	8778	0.377	ug/l	92
8) 1,1,2-Trichloro-1,2,2-...	2.564	101	4442	0.358	ug/l	96
9) 1,1-Dichloroethene	2.567	96	4728	0.382	ug/l	92
10) Iodomethane	2.708	142	3052	0.306	ug/l	100
11) Allyl Chloride	2.911	41	7000	0.318	ug/l	89
12) Acrylonitrile	3.306	53	2714	0.759	ug/l	# 94
13) Acetone	2.622	43	4933	1.376	ug/l	100
14) Carbon Disulfide	2.776	76	14824	0.344	ug/l	100
15) Methylene Chloride	3.030	84	8581	0.547	ug/l	95
16) trans-1,2-Dichloroethene	3.335	96	4736	0.340	ug/l	96
17) 1,1-Dichloroethane	3.850	63	10162	0.348	ug/l	98
18) 2-Butanone	4.721	43	7005m	1.404	ug/l	
19) Cyclohexane	5.361	56	7757	0.351	ug/l	97
20) Methylcyclohexane	6.744	83	6179	0.301	ug/l	94
21) 2,2-Dichloropropane	4.641	77	7103	0.342	ug/l	96
22) cis-1,2-Dichloroethene	4.647	96	5366	0.353	ug/l	96
23) Diethyl Ether	2.374	59	3977	0.356	ug/l	97
24) tert-Butyl Alcohol	3.207	59	4435m	3.771	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	11552	0.343	ug/l	96
26) Bromochloromethane	4.959	128	2207	0.373	ug/l	85
27) Chloroform	5.072	83	10039	0.366	ug/l	94
28) 1,1,1-Trichloroethane	5.293	97	7845	0.353	ug/l	97
29) 1,1-Dichloropropene	5.506	75	7529	0.371	ug/l	95
30) Carbon Tetrachloride	5.496	117	5769	0.325	ug/l	97
31) Isopropyl Ether	3.994	45	15065	0.330	ug/l	92
32) Ethyl-t-butyl ether	4.506	59	12718	0.329	ug/l	96
33) Tert-Amyl methyl ether	5.949	73	9161	0.331	ug/l	# 96
34) Propionitrile	4.785	54	2514	1.742	ug/l	# 86
35) Benzene	5.757	78	21586	0.352	ug/l	99
36) 1,2-Dichloroethane	5.785	62	6249	0.348	ug/l	97
37) Trichloroethene	6.535	130	4986	0.344	ug/l	94
38) 1,2-Dichloropropane	6.785	63	5714	0.337	ug/l	98
39) Methacrylonitrile	4.972	41	2064m	0.344	ug/l	
40) Methyl acrylate	4.856	55	3264	0.387	ug/l	# 91
41) Tetrahydrofuran	5.068	42	2427	0.751	ug/l	# 90
42) 1-Chlorobutane	5.438	56	9645m	0.335	ug/l	
43) Dibromomethane	6.911	93	2671	0.337	ug/l	91
44) Bromodichloromethane	7.100	83	6682	0.346	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.808	43	11408	1.342	ug/l	95
46) t-1,4-Dichloro-2-butene	10.827	75	2029m	0.726	ug/l	
47) Methyl methacrylate	6.978	69	3261	0.531	ug/l	89
48) Ethyl methacrylate	8.342	69	2991	0.272	ug/l	98
49) Toluene	7.962	92	9005	0.267	ug/l	91
50) t-1,3-Dichloropropene	8.210	75	4063	0.292	ug/l	92
51) cis-1,3-Dichloropropene	7.605	75	5435	0.291	ug/l	94
52) 1,1,2-Trichloroethane	8.396	97	4038	0.349	ug/l	94
53) 1,3-Dichloropropane	8.573	76	6157	0.309	ug/l	95
54) 2-Hexanone	8.698	43	7963	1.396	ug/l	88
55) Dibromochloromethane	8.805	129	4013	0.336	ug/l	96
56) 1,2-Dibromoethane	8.920	107	3201	0.341	ug/l	95
58) Tetrachloroethene	8.541	164	4653	0.327	ug/l	86
59) Chlorobenzene	9.444	112	10335	0.286	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	4079	0.314	ug/l	91
61) Pentachloroethane	11.422	117	3399	0.321	ug/l	93
62) Hexachloroethane	12.467	117	3113	0.327	ug/l	91
63) Ethyl Benzene	9.567	91	15560	0.269	ug/l	100
64) m/p-Xylenes	9.689	106	11801	0.523	ug/l	94
65) o-Xylene	10.094	106	5633	0.256	ug/l	91
66) Styrene	10.116	104	8439	0.236	ug/l	98
67) Bromoform	10.284	173	1996	0.306	ug/l #	93
69) Isopropylbenzene	10.477	105	12744	0.250	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.776	83	4853	0.328	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	3844m	0.318	ug/l	
72) Bromobenzene	10.779	156	4070	0.285	ug/l	86
73) n-propylbenzene	10.898	120	4057	0.263	ug/l	90
74) 2-Chlorotoluene	10.981	126	3727	0.264	ug/l	94
75) 1,3,5-Trimethylbenzene	11.081	105	11211	0.226	ug/l	97
76) 4-Chlorotoluene	11.097	126	3709	0.251	ug/l	94
77) tert-Butylbenzene	11.412	119	12515	0.268	ug/l	96
78) 1,2,4-Trimethylbenzene	11.464	105	11222	0.225	ug/l	99
79) sec-Butylbenzene	11.637	105	15383	0.232	ug/l	100
80) Nitrobenzene	13.229	77	1282m	1.900	ug/l	
81) p-Isopropyltoluene	11.788	119	12272	0.237	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	9104	0.307	ug/l	93
83) 1,4-Dichlorobenzene	11.833	146	9800m	0.319	ug/l	
84) n-Butylbenzene	12.206	91	13874	0.256	ug/l	92
85) 1,2-Dichlorobenzene	12.206	146	8572	0.303	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.997	75	626	0.307	ug/l	99
87) 1,2,4-Trichlorobenzene	13.843	180	4976	0.315	ug/l	95
88) Hexachlorobutadiene	14.013	225	3780	0.337	ug/l	94
89) Naphthalene	14.094	128	9238	0.351	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	4747	0.302	ug/l	96

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

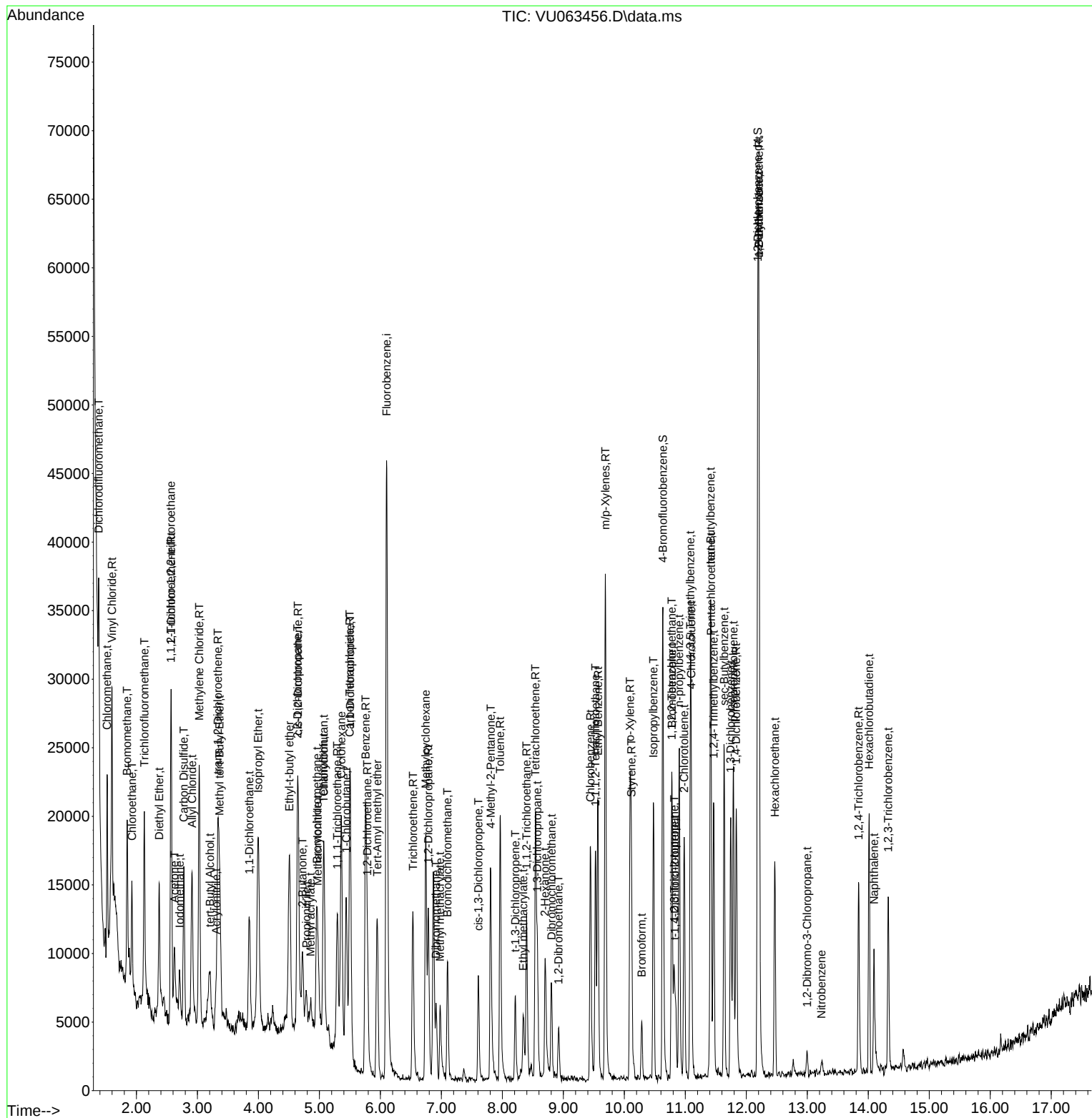
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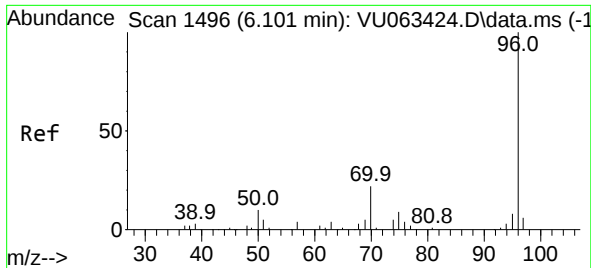
Instrument :
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 ClientSampleId :
 MDL-WATER-03-QT2-2025

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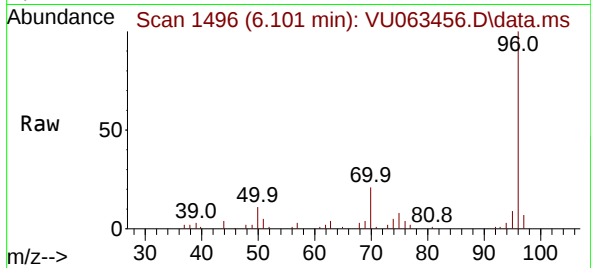
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.101 min Scan# 1496
Delta R.T. -0.000 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

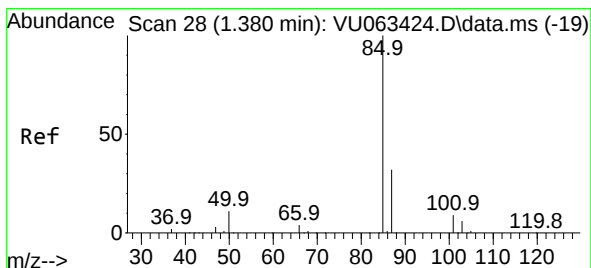
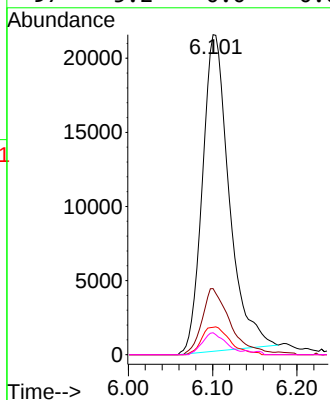
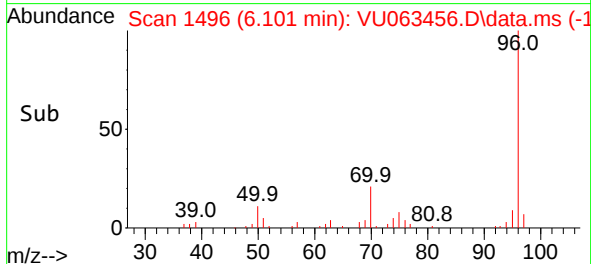
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion	Ratio	Lower	Upper
96	100		
70	20.8	16.4	24.6
95	9.3	6.2	9.2
97	5.2	0.0	0.0

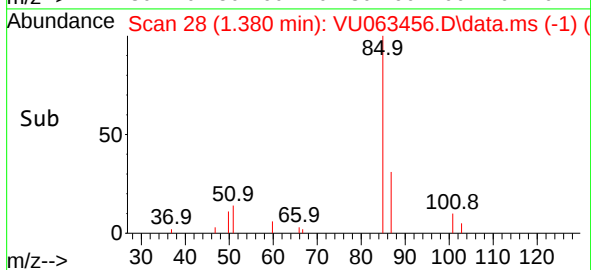
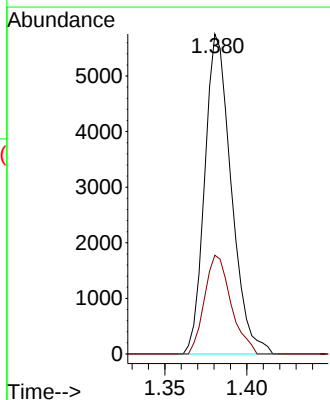
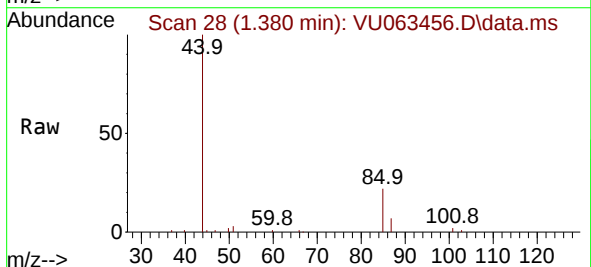
Manual Integrations
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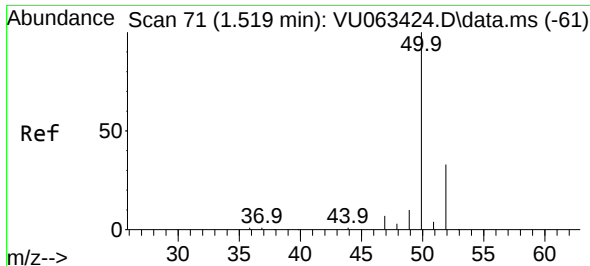
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#2
Dichlorodifluoromethane
Concen: 0.357 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

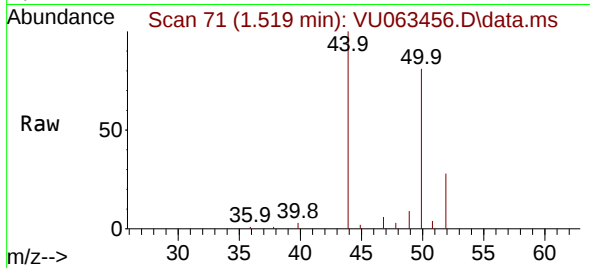
Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.8	16.2	48.5





#3
Chloromethane
Concen: 0.353 ug/l
RT: 1.519 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

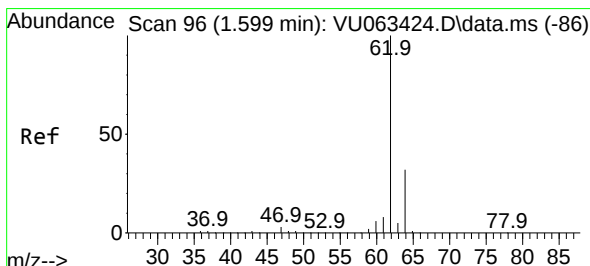
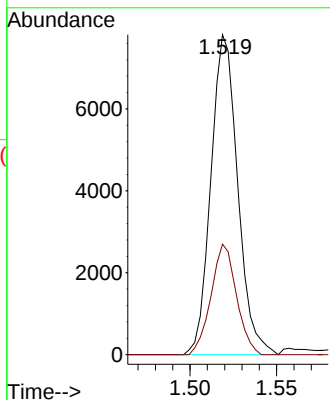
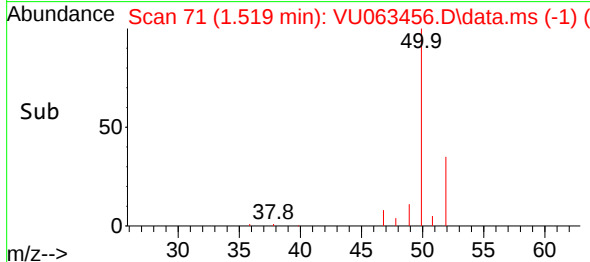
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2025



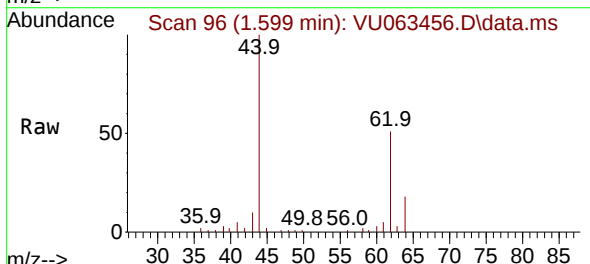
Tgt Ion: 50 Resp: 840
Ion Ratio Lower Upper
50 100
52 34.5 26.6 40.0

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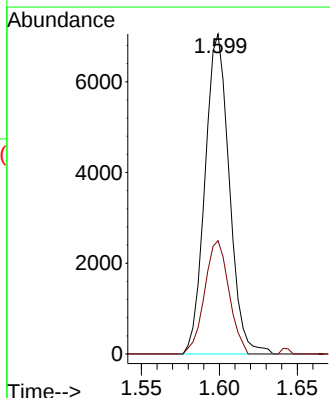
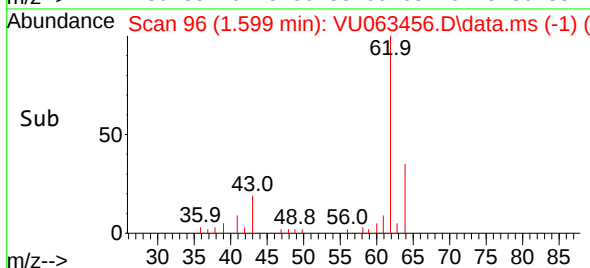
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

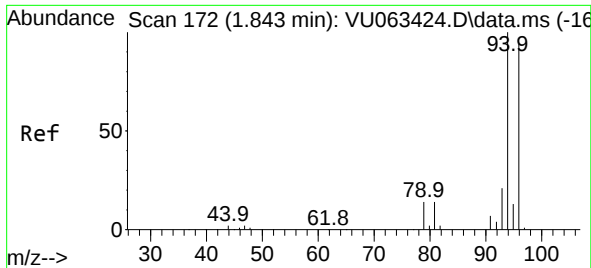


#4
Vinyl Chloride
Concen: 0.374 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33



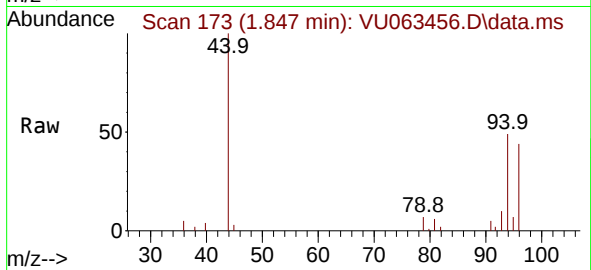
Tgt Ion: 62 Resp: 7639
Ion Ratio Lower Upper
62 100
64 35.4 25.7 38.5





#5
Bromomethane
Concen: 0.513 ug/l
RT: 1.847 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

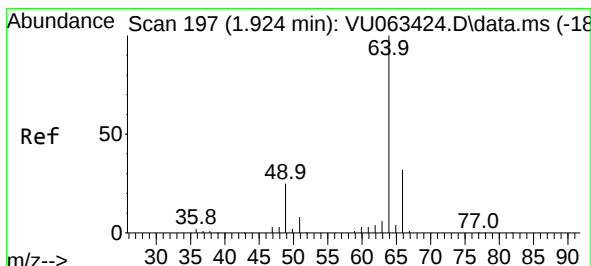
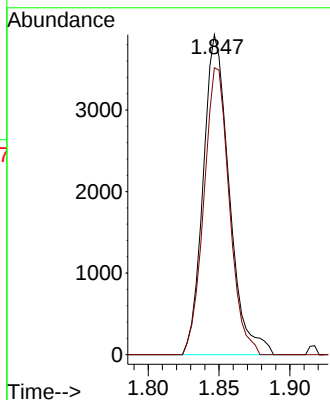
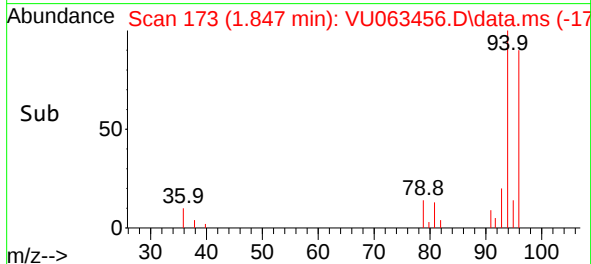
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 5020
Ion Ratio Lower Upper
94 100
96 89.7 74.8 112.2

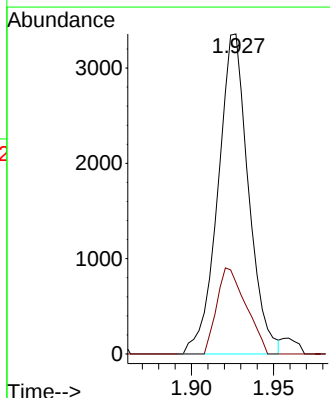
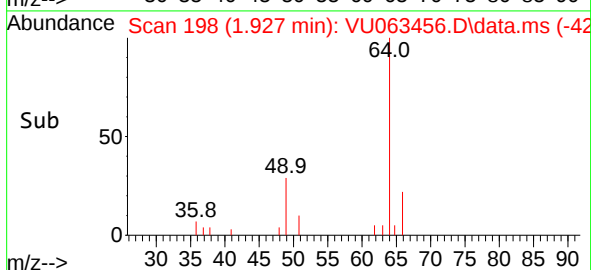
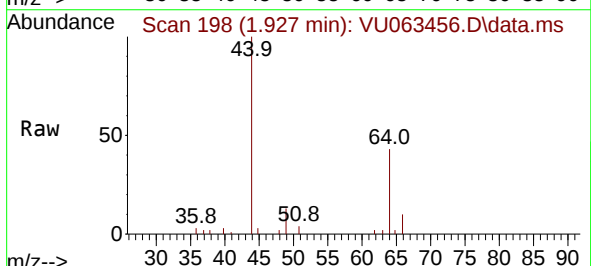
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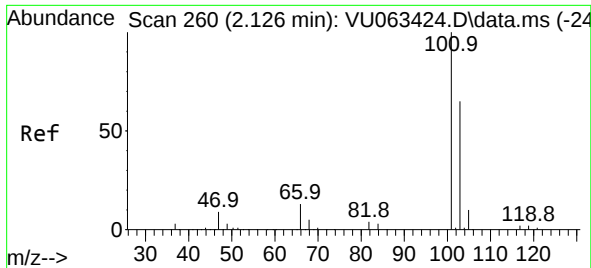
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#6
Chloroethane
Concen: 0.359 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

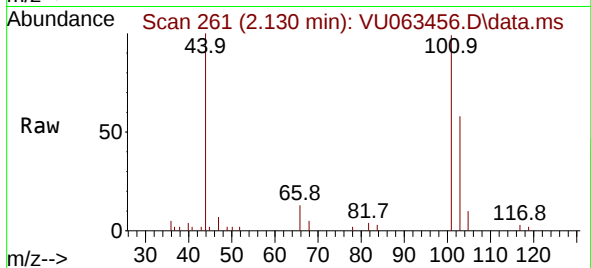
Tgt Ion: 64 Resp: 4335
Ion Ratio Lower Upper
64 100
66 22.4 25.7 38.5#





#7
 Trichlorofluoromethane
 Concen: 0.377 ug/l
 RT: 2.130 min Scan# 210
 Delta R.T. 0.003 min
 Lab File: VU063456.D
 Acq: 25 Jun 2025 13:33

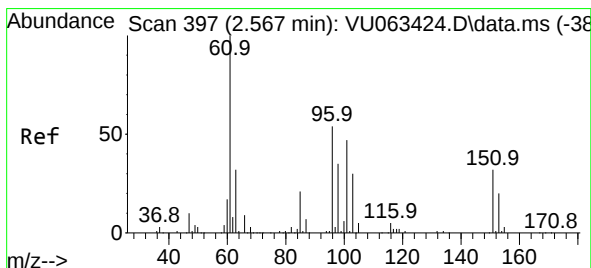
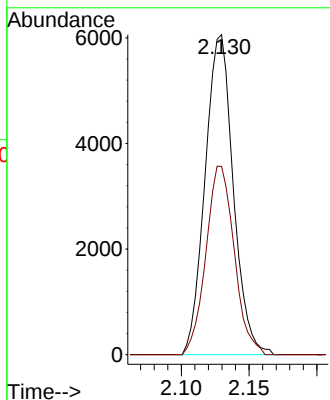
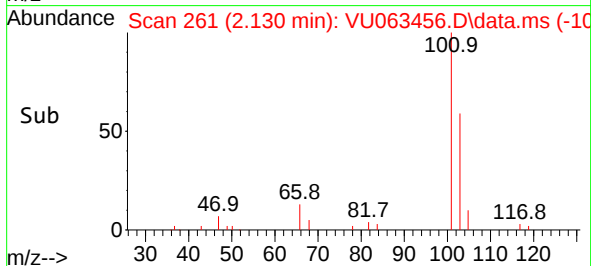
Instrument :
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 MDL-WATER-03-QT2-2025



Tgt Ion:101 Resp: 8778
 Ion Ratio Lower Upper
 101 100
 103 58.8 52.3 78.5

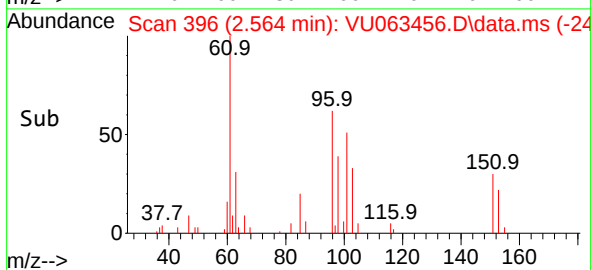
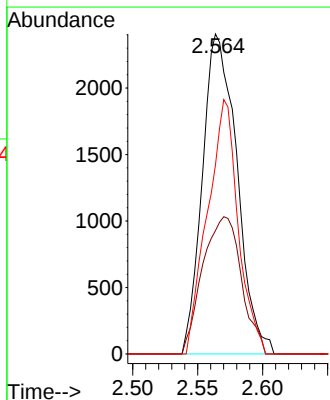
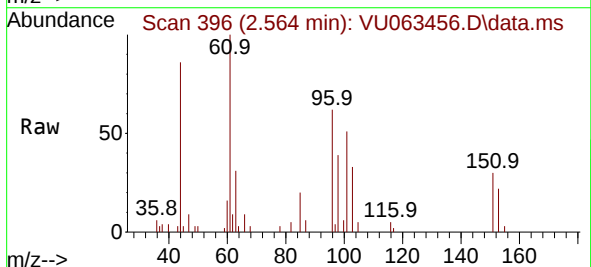
Manual Integrations
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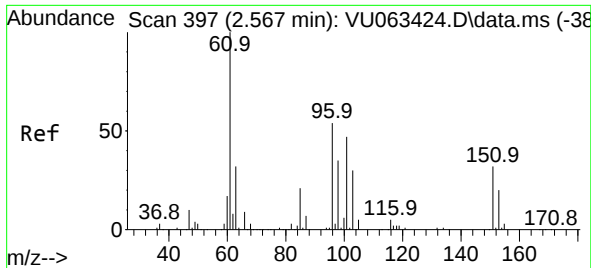
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.358 ug/l
 RT: 2.564 min Scan# 396
 Delta R.T. -0.003 min
 Lab File: VU063456.D
 Acq: 25 Jun 2025 13:33

Tgt Ion:101 Resp: 4442
 Ion Ratio Lower Upper
 101 100
 85 48.2 36.7 55.1
 151 70.6 53.9 80.9





#9

1,1-Dichloroethene

Concen: 0.382 ug/l

RT: 2.567 min Scan# 397

Delta R.T. -0.000 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

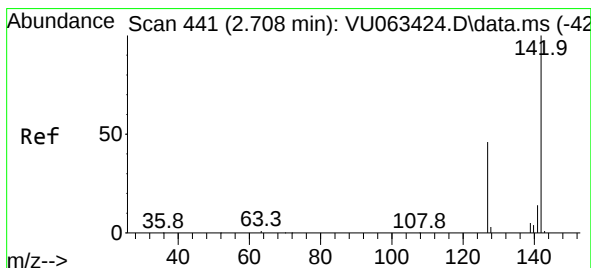
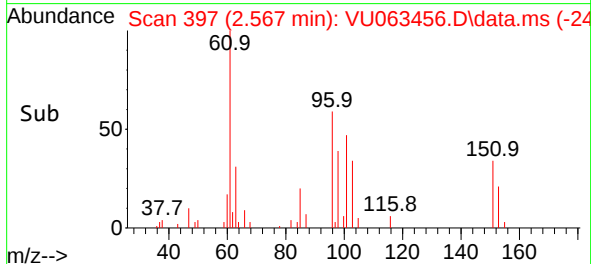
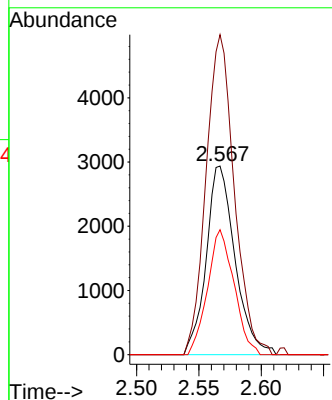
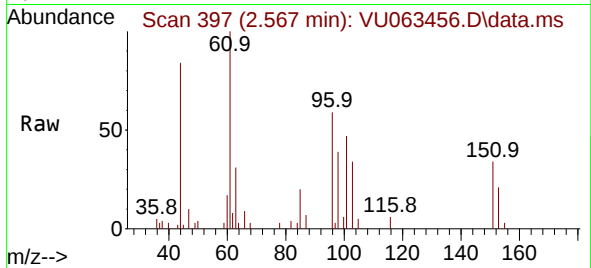
Tgt Ion: 96 Resp: 4728

Ion	Ratio	Lower	Upper
96	100		
61	169.6	0.0	552.0
98	66.3	0.0	128.4

Manual Integrations

APPROVED

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



#10

Iodomethane

Concen: 0.306 ug/l

RT: 2.708 min Scan# 441

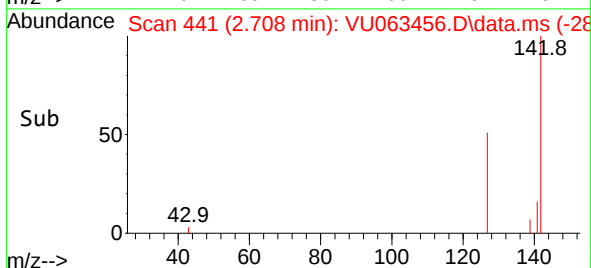
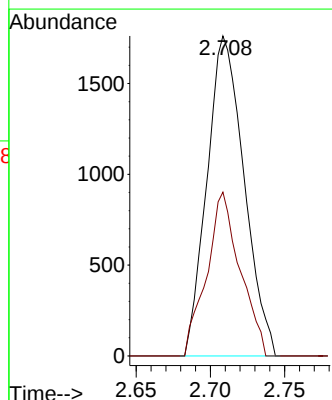
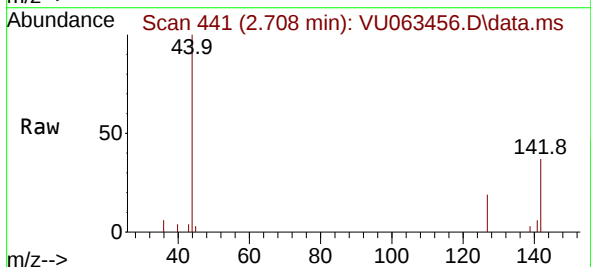
Delta R.T. -0.000 min

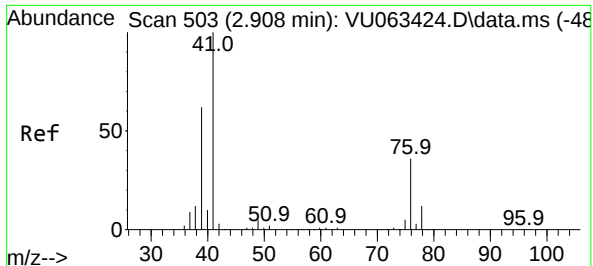
Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Tgt Ion:142 Resp: 3052

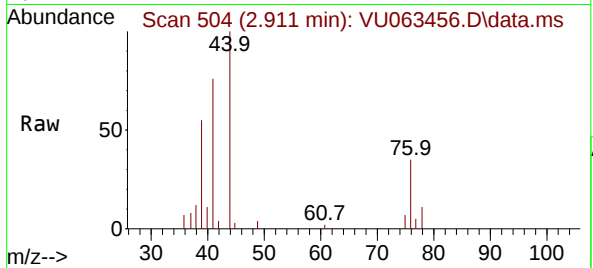
Ion	Ratio	Lower	Upper
142	100		
127	46.2	36.9	55.3





#11
 Allyl Chloride
 Concen: 0.318 ug/l
 RT: 2.911 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063456.D
 Acq: 25 Jun 2025 13:33

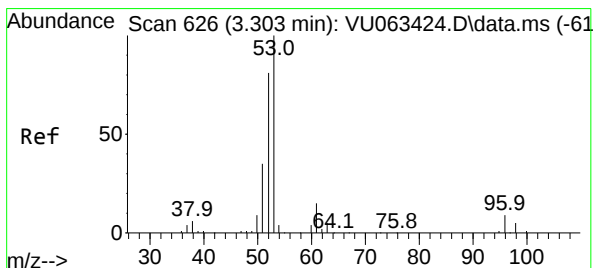
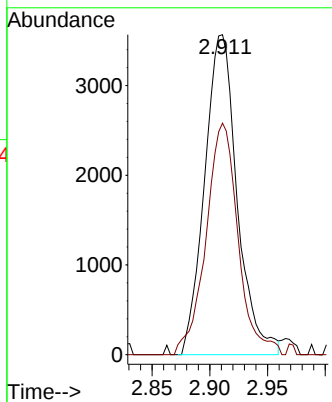
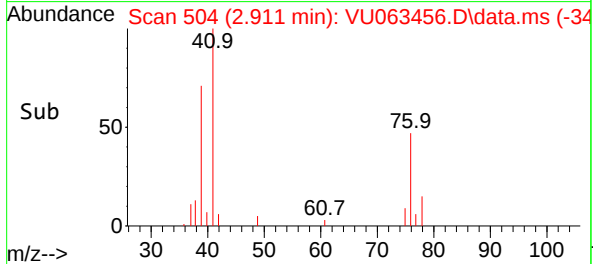
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025



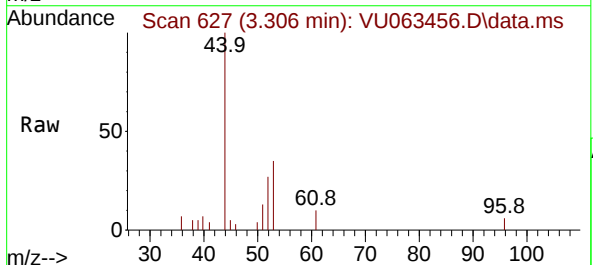
Tgt Ion: 41 Resp: 7000
 Ion Ratio Lower Upper
 41 100
 39 71.2 50.3 75.5

Manual Integrations
 APPROVED

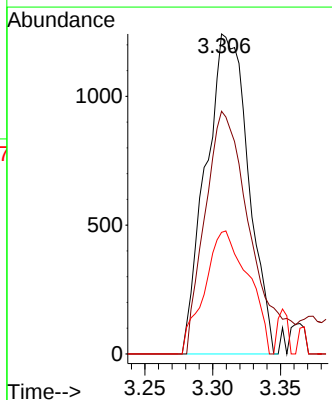
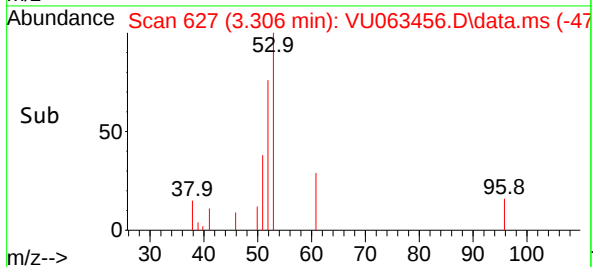
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

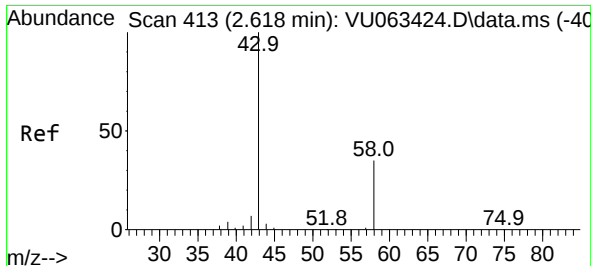


#12
 Acrylonitrile
 Concen: 0.759 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063456.D
 Acq: 25 Jun 2025 13:33



Tgt Ion: 53 Resp: 2714
 Ion Ratio Lower Upper
 53 100
 52 81.2 62.8 94.2
 51 39.6 26.2 39.4#





#13

Acetone

Concen: 1.376 ug/l

RT: 2.622 min Scan# 413

Delta R.T. 0.004 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 493

Ion Ratio Lower Upper

43 100

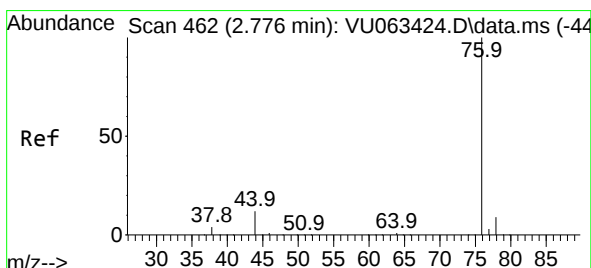
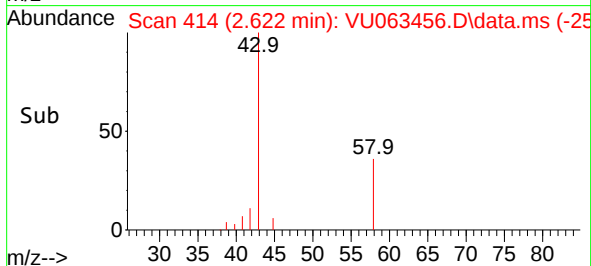
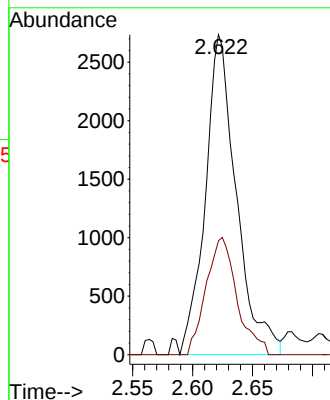
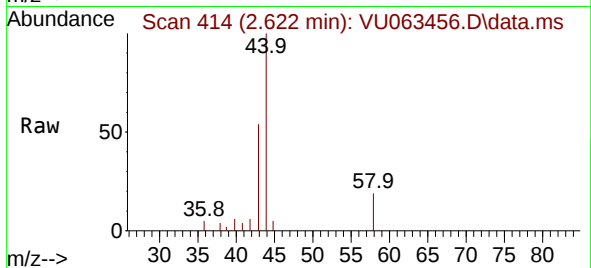
58 35.5 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#14

Carbon Disulfide

Concen: 0.344 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063456.D

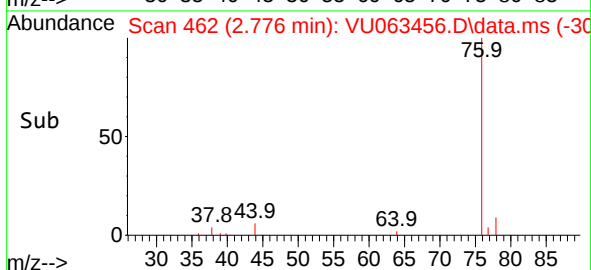
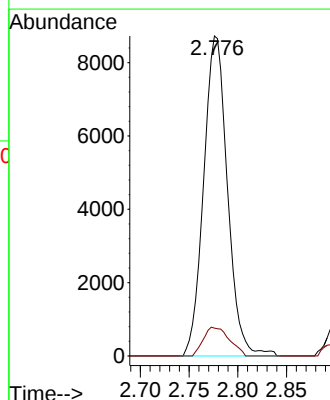
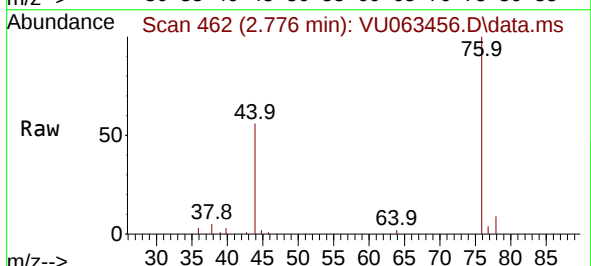
Acq: 25 Jun 2025 13:33

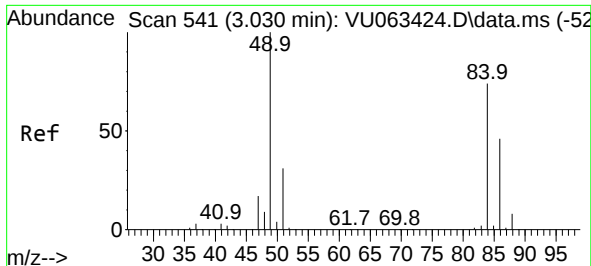
Tgt Ion: 76 Resp: 14824

Ion Ratio Lower Upper

76 100

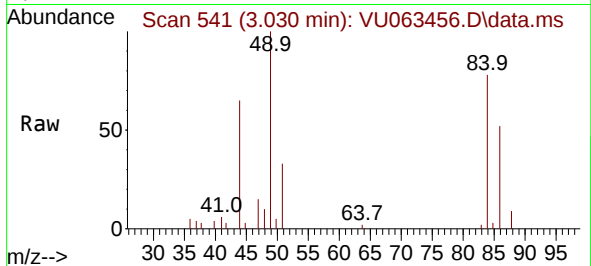
78 8.7 6.9 10.3





#15
Methylene Chloride
Concen: 0.547 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

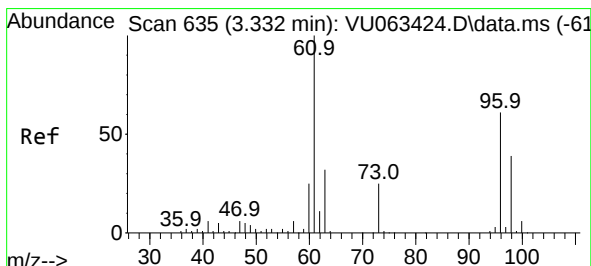
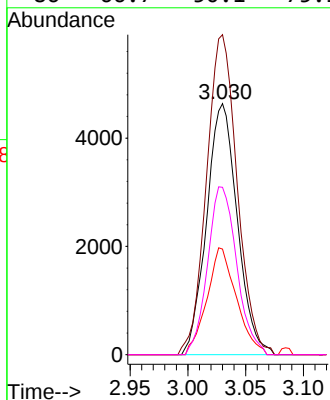
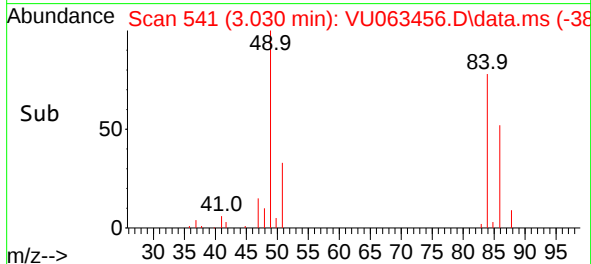
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



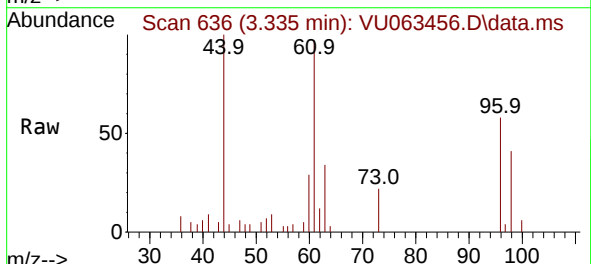
Tgt Ion: 84 Resp: 858
Ion Ratio Lower Upper
84 100
49 127.5 108.7 163.1
51 42.1 0.0 83.8
86 66.7 50.1 75.1

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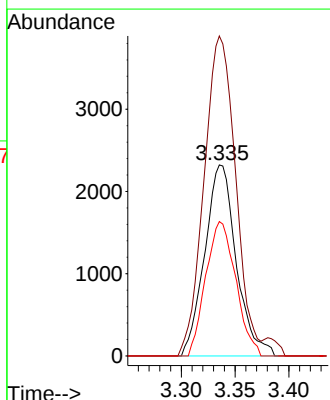
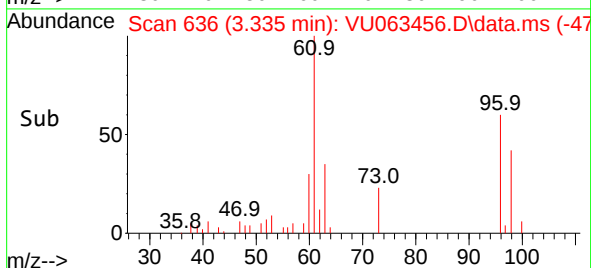
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#16
trans-1,2-Dichloroethene
Concen: 0.340 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33



Tgt Ion: 96 Resp: 4736
Ion Ratio Lower Upper
96 100
61 167.6 132.1 198.1
98 70.4 51.0 76.4





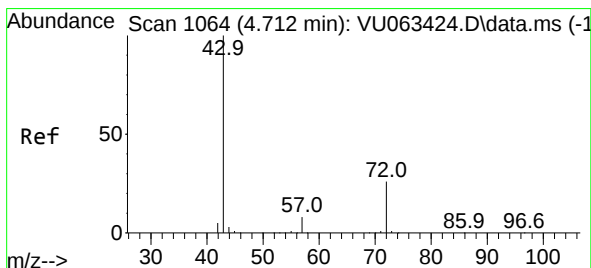
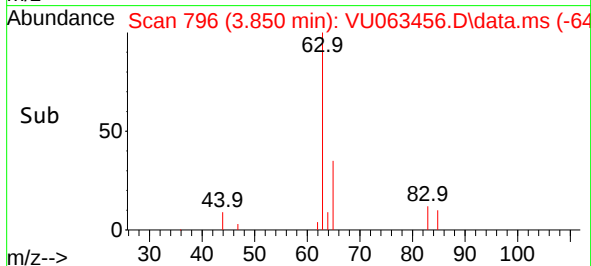
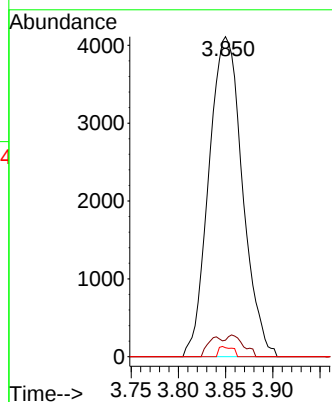
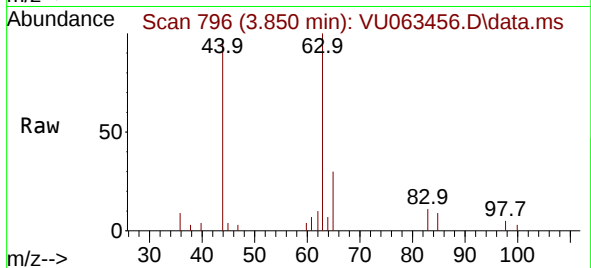
#17
1,1-Dichloroethane
Concen: 0.348 ug/l
RT: 3.850 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion: 63 Resp: 10162
Ion Ratio Lower Upper
63 100
98 5.2 2.8 8.4
100 2.8 1.9 5.7

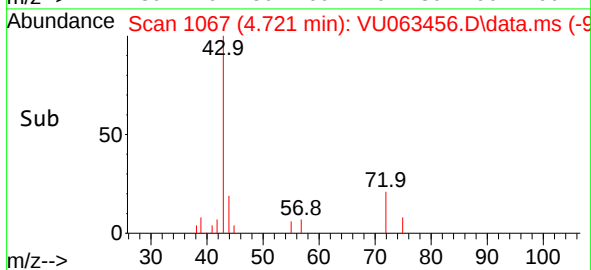
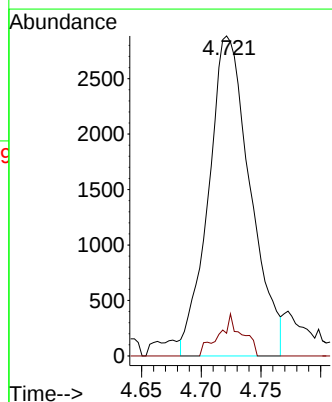
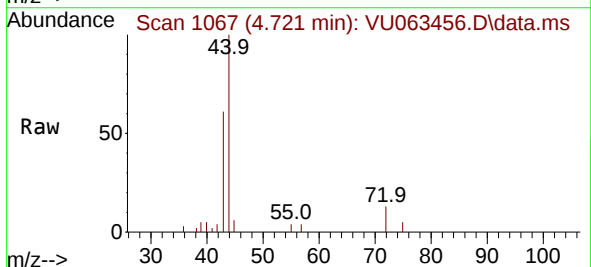
Manual Integrations
APPROVED

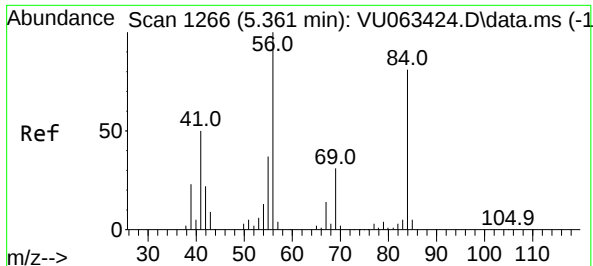
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#18
2-Butanone
Concen: 1.404 ug/l m
RT: 4.721 min Scan# 1067
Delta R.T. 0.010 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

Tgt Ion: 43 Resp: 7005
Ion Ratio Lower Upper
43 100
57 7.1 0.0 16.0





#19

Cyclohexane

Concen: 0.351 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

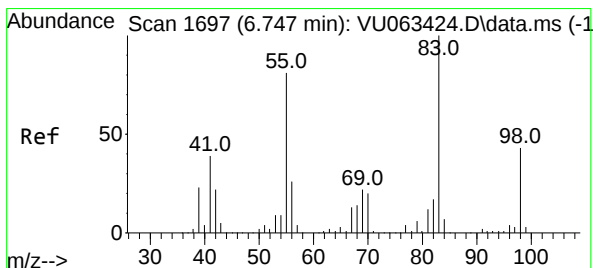
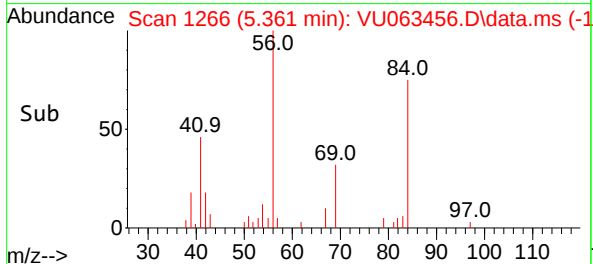
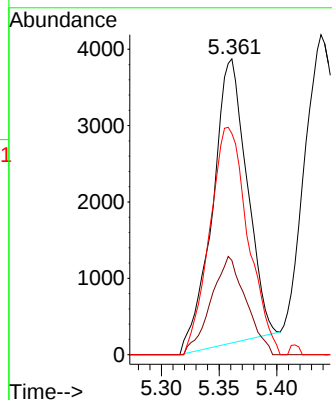
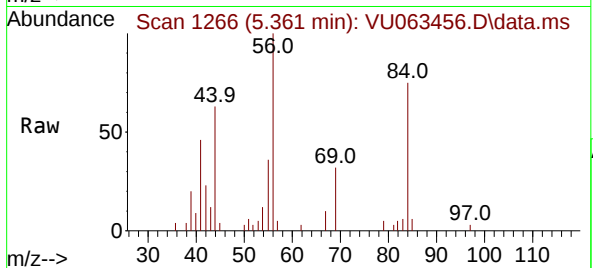
ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:	56	Resp:	775
Ion	Ratio	Lower	Upper
56	100		
69	34.9	26.4	39.6
84	88.6	68.6	102.8

Manual Integrations
APPROVED

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



#20

Methylcyclohexane

Concen: 0.301 ug/l

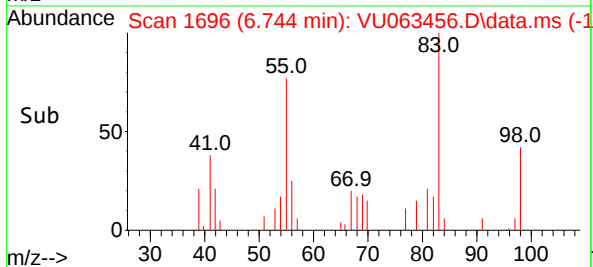
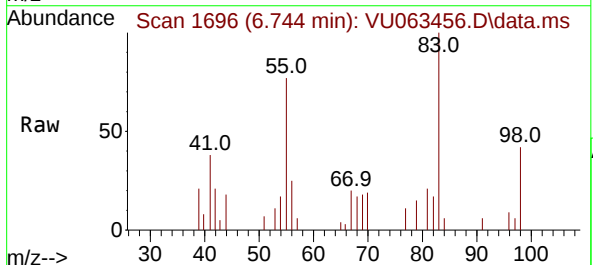
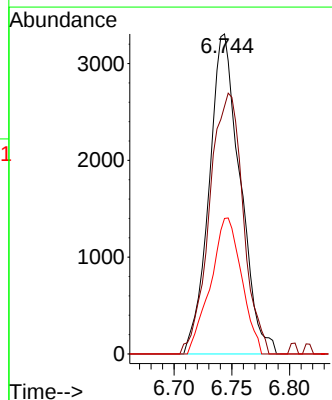
RT: 6.744 min Scan# 1696

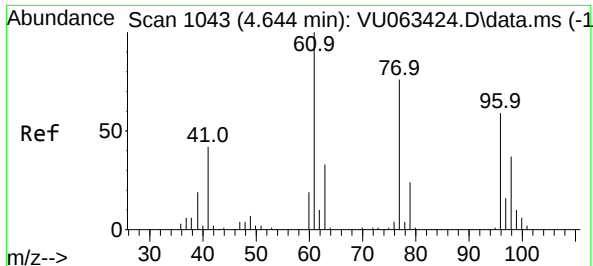
Delta R.T. -0.003 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Tgt Ion:	83	Resp:	6179
Ion	Ratio	Lower	Upper
83	100		
55	87.9	63.5	95.3
98	42.5	34.2	51.4





#21

2,2-Dichloropropane

Concen: 0.342 ug/l

RT: 4.641 min Scan# 1042

Delta R.T. -0.003 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 77 Resp: 710

Ion Ratio Lower Upper

77 100

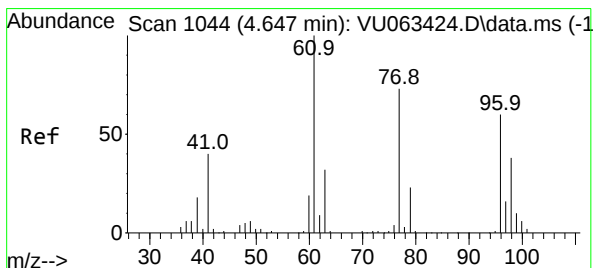
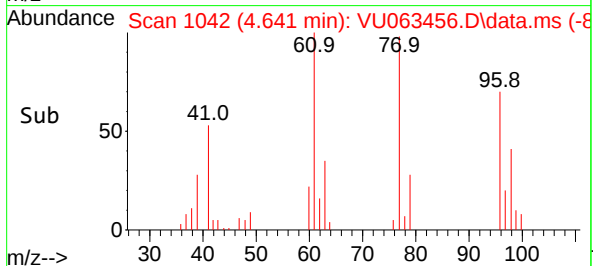
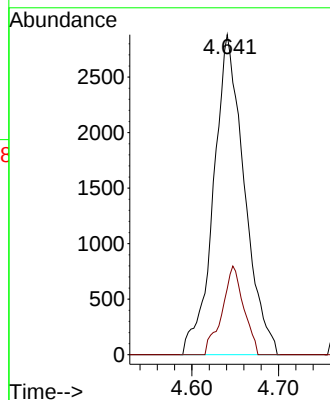
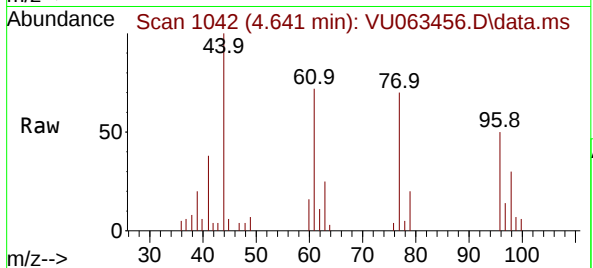
97 19.5 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#22

cis-1,2-Dichloroethene

Concen: 0.353 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

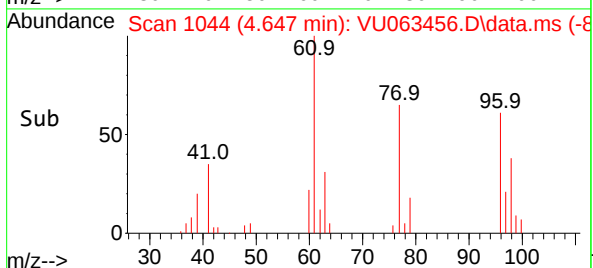
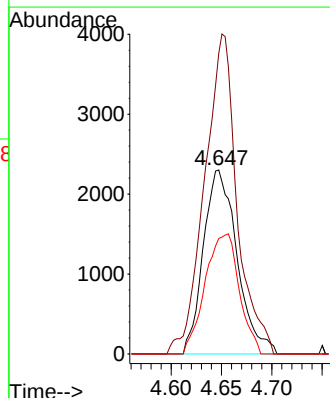
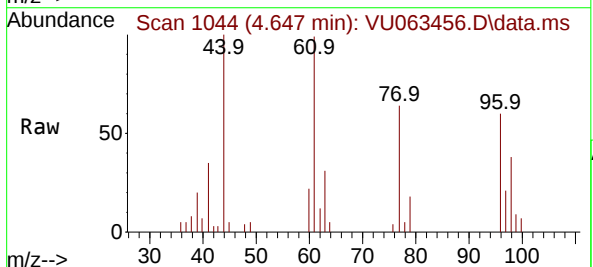
Tgt Ion: 96 Resp: 5366

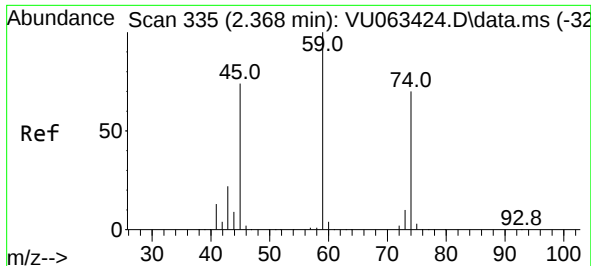
Ion Ratio Lower Upper

96 100

61 167.3 0.0 434.3

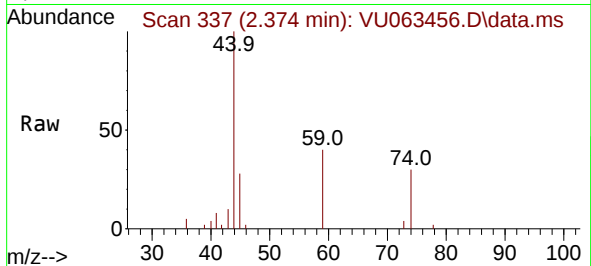
98 66.0 31.9 95.7





#23
Diethyl Ether
Concen: 0.356 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

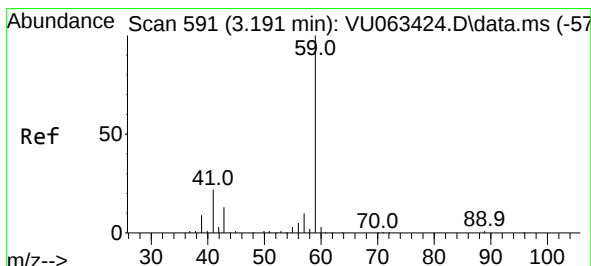
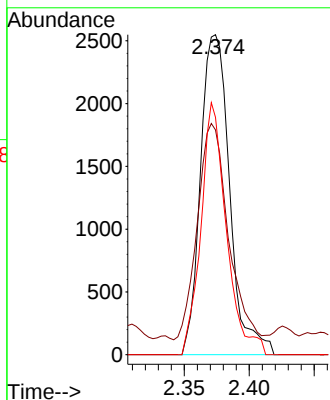
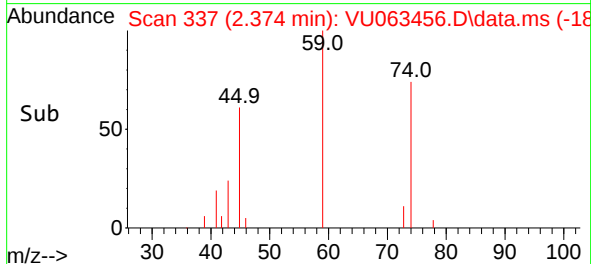
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 59 Resp: 397
Ion Ratio Lower Upper
59 100
45 71.0 60.7 91.1
74 68.8 55.8 83.6

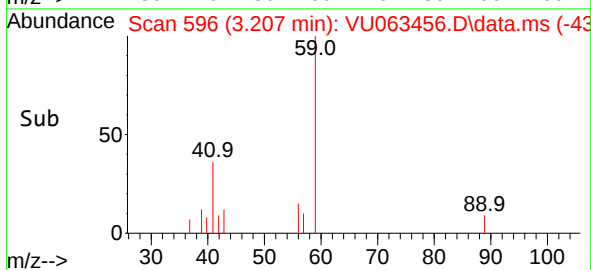
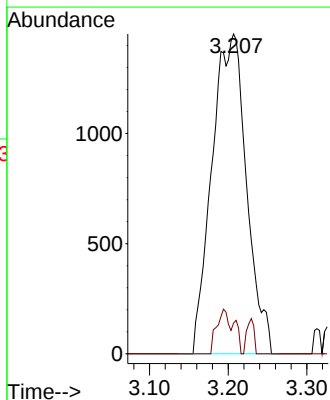
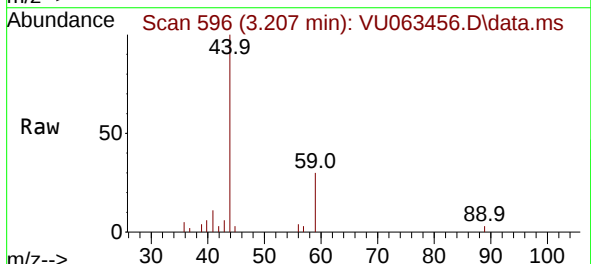
Manual Integrations
APPROVED

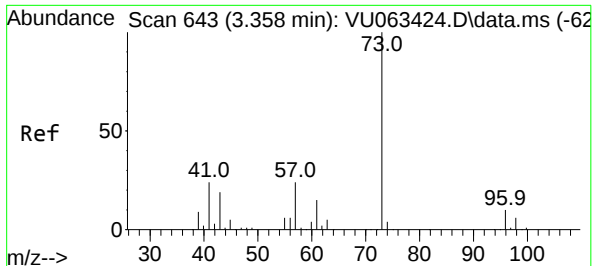
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#24
tert-Butyl Alcohol
Concen: 3.771 ug/l m
RT: 3.207 min Scan# 596
Delta R.T. 0.016 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

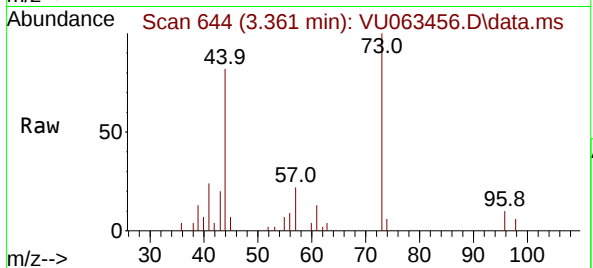
Tgt Ion: 59 Resp: 4435
Ion Ratio Lower Upper
59 100
57 5.1 7.8 11.8#





#25
Methyl tert-Butyl Ether
Concen: 0.343 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

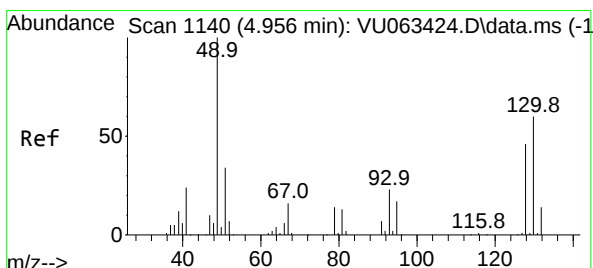
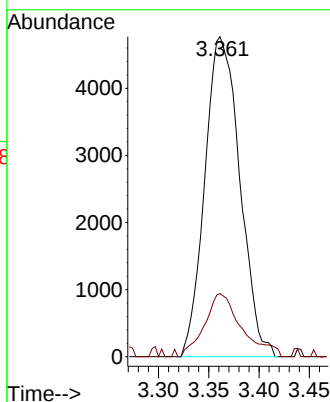
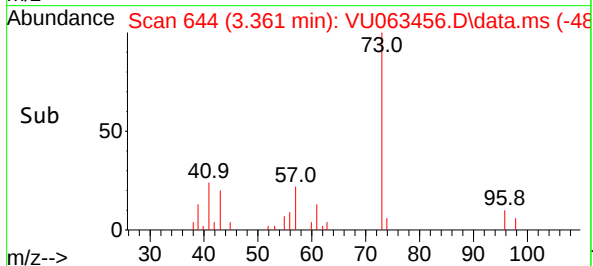
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 73 Resp: 1155
Ion Ratio Lower Upper
73 100
43 20.8 15.1 22.7

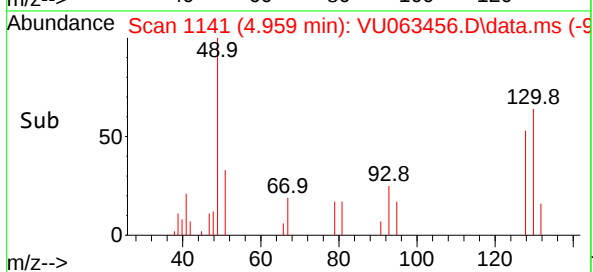
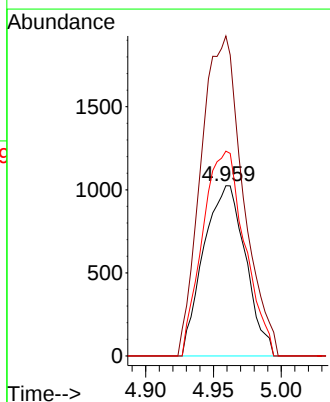
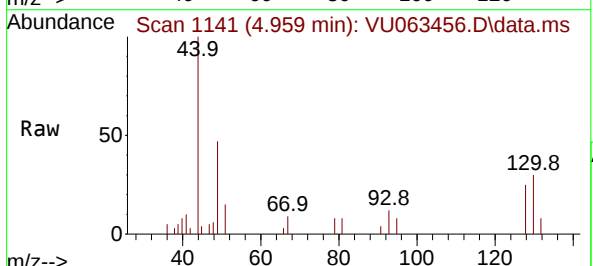
Manual Integrations
APPROVED

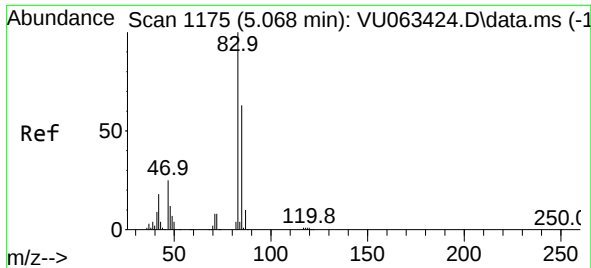
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#26
Bromochloromethane
Concen: 0.373 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

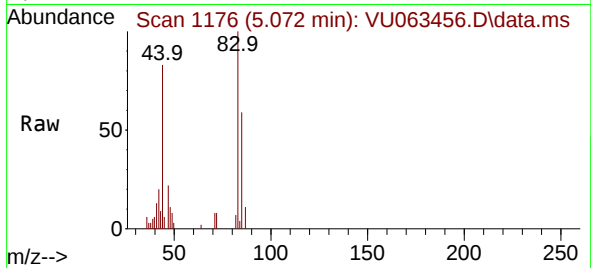
Tgt Ion:128 Resp: 2207
Ion Ratio Lower Upper
128 100
49 188.4 0.0 441.2
130 121.0 102.3 153.5





#27
Chloroform
Concen: 0.366 ug/l
RT: 5.072 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

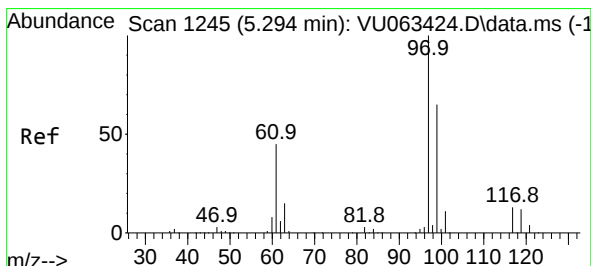
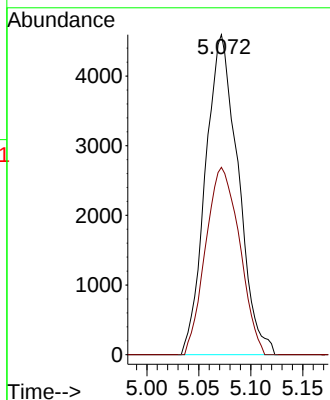
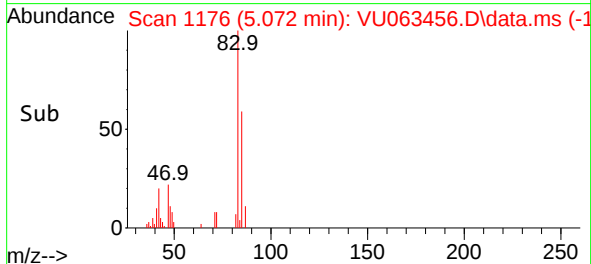
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



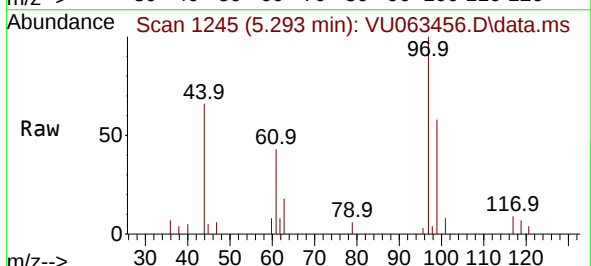
Tgt Ion: 83 Resp: 10039
Ion Ratio Lower Upper
83 100
85 58.6 0.0 126.8

Manual Integrations
APPROVED

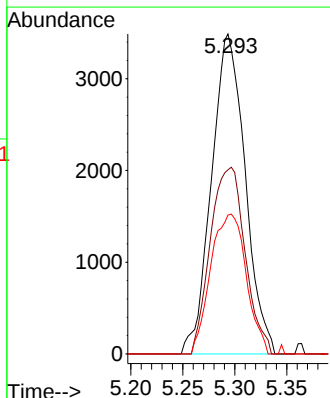
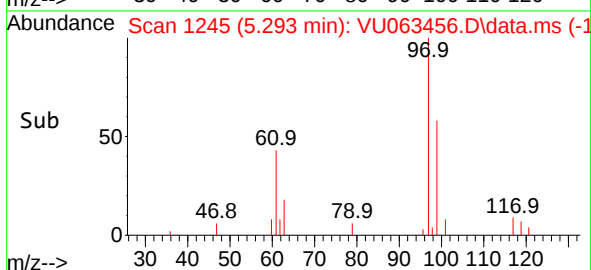
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

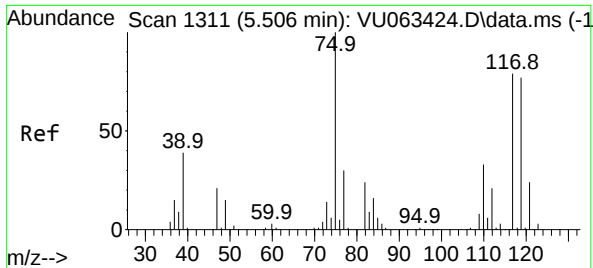


#28
1,1,1-Trichloroethane
Concen: 0.353 ug/l
RT: 5.293 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33



Tgt Ion: 97 Resp: 7845
Ion Ratio Lower Upper
97 100
99 60.4 31.9 95.5
61 46.2 22.9 68.7





#29
1,1-Dichloropropene
Concen: 0.371 ug/l
RT: 5.506 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

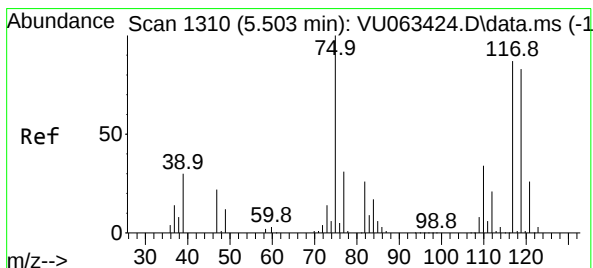
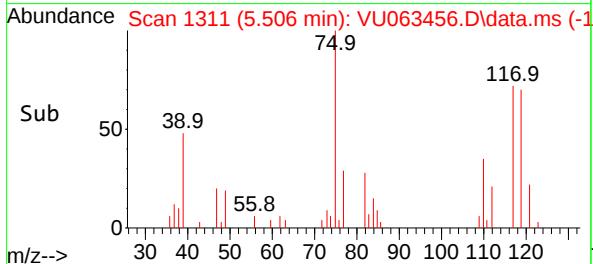
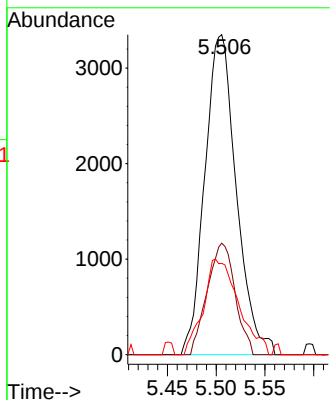
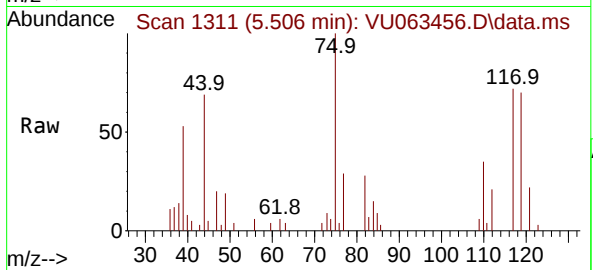
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion: 75 Resp: 7529

Ion	Ratio	Lower	Upper
75	100		
110	30.8	17.4	52.2
77	33.4	25.4	38.0

Manual Integrations
APPROVED

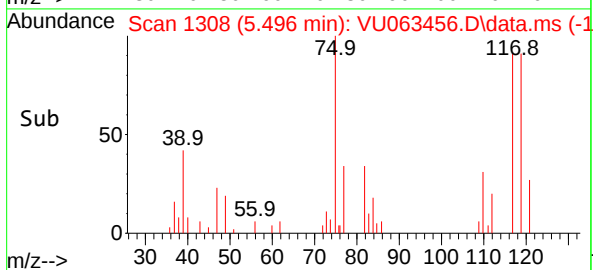
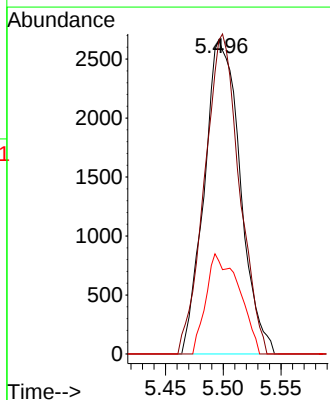
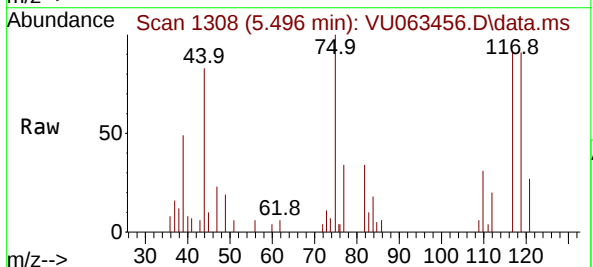
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

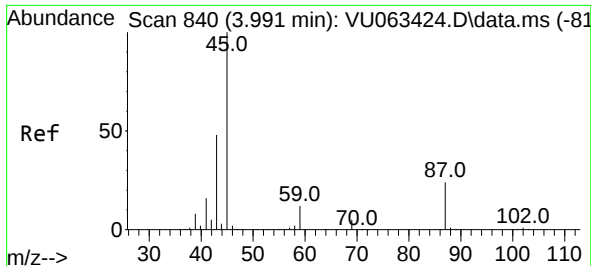


#30
Carbon Tetrachloride
Concen: 0.325 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. -0.006 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

Tgt Ion:117 Resp: 5769

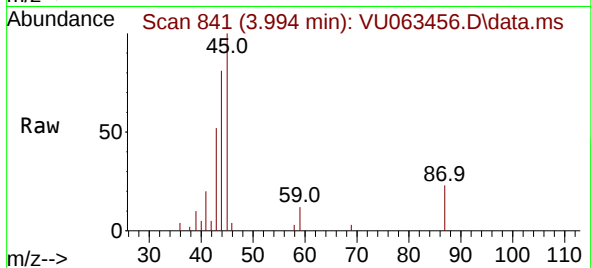
Ion	Ratio	Lower	Upper
117	100		
119	99.9	76.7	115.1
121	29.6	24.3	36.5





#31
Isopropyl Ether
Concen: 0.330 ug/l
RT: 3.994 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

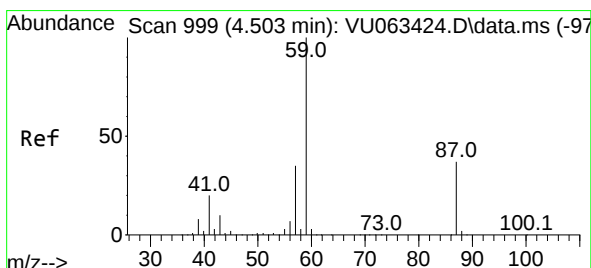
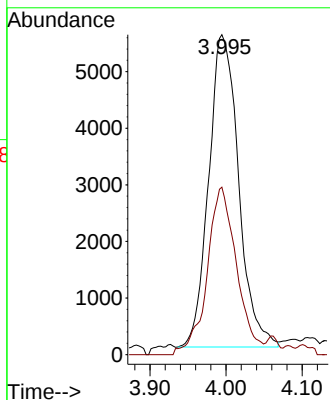
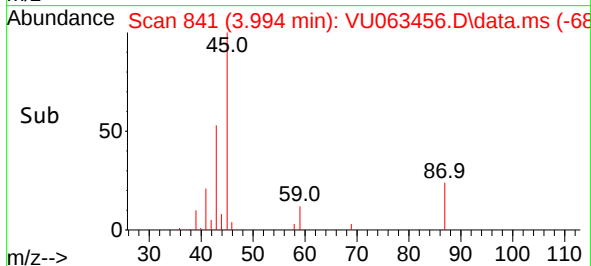
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



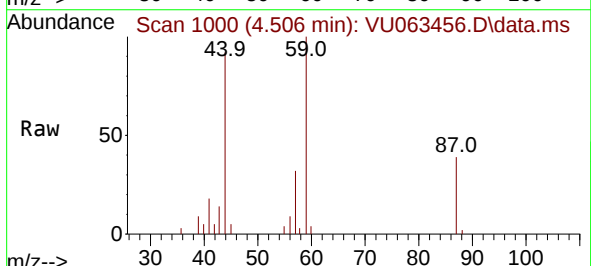
Tgt Ion: 45 Resp: 1506
Ion Ratio Lower Upper
45 100
43 52.8 23.8 71.5

Manual Integrations
APPROVED

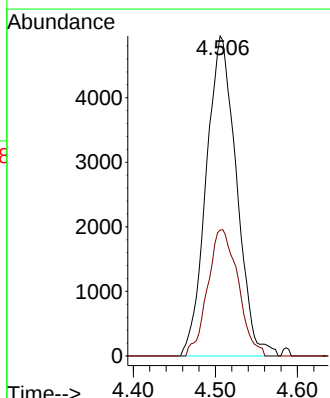
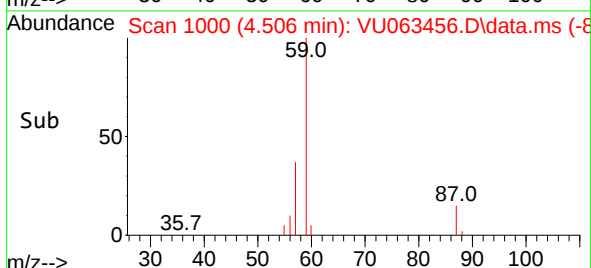
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#32
Ethyl-t-butyl ether
Concen: 0.329 ug/l
RT: 4.506 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33



Tgt Ion: 59 Resp: 12718
Ion Ratio Lower Upper
59 100
87 39.7 29.9 44.9





#33

Tert-Amyl methyl ether

Concen: 0.331 ug/l

RT: 5.949 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

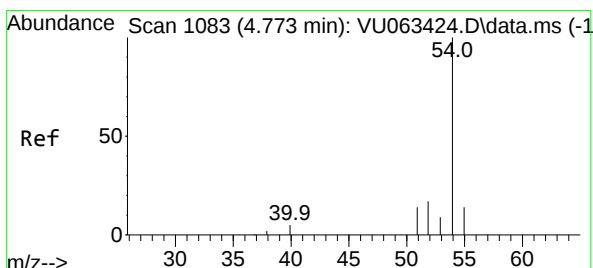
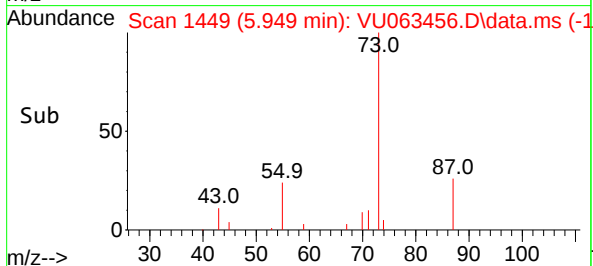
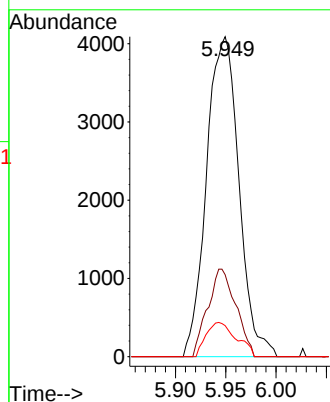
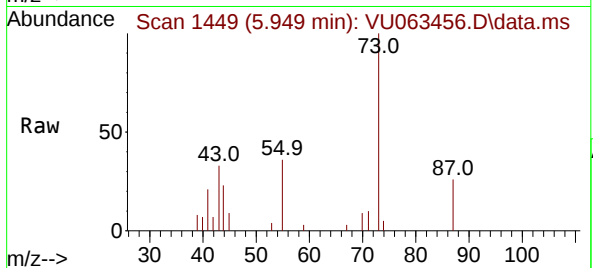
Tgt Ion: 73 Resp: 916

Ion	Ratio	Lower	Upper
73	100		
87	23.8	18.1	27.1
71	9.9	10.0	15.0

Manual Integrations

APPROVED

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



#34

Propionitrile

Concen: 1.742 ug/l

RT: 4.785 min Scan# 1087

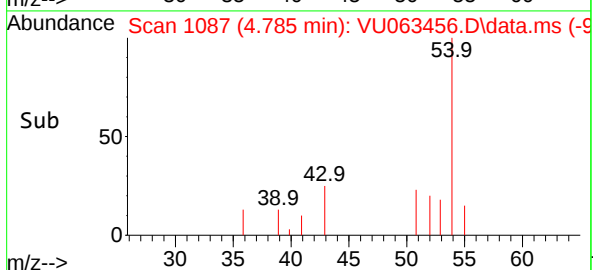
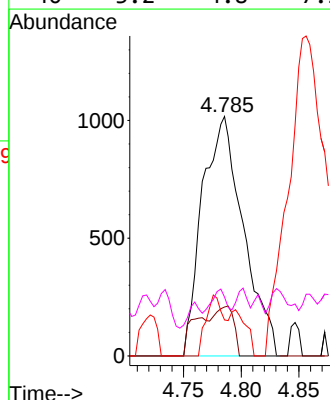
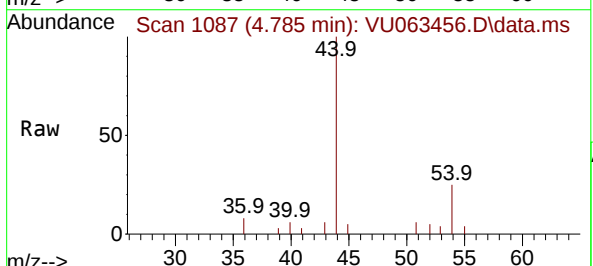
Delta R.T. 0.013 min

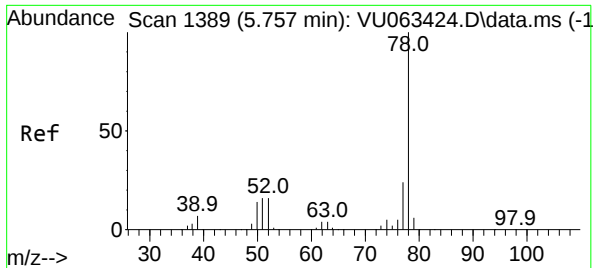
Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Tgt Ion: 54 Resp: 2514

Ion	Ratio	Lower	Upper
54	100		
52	9.8	14.8	22.2#
55	11.3	12.2	18.2#
40	3.2	4.8	7.2#





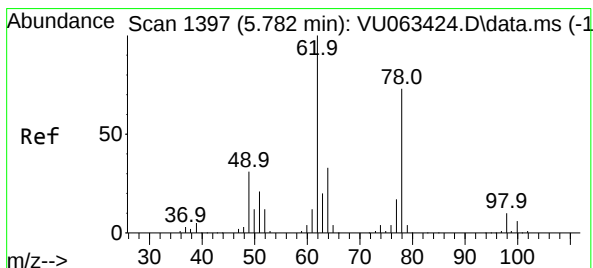
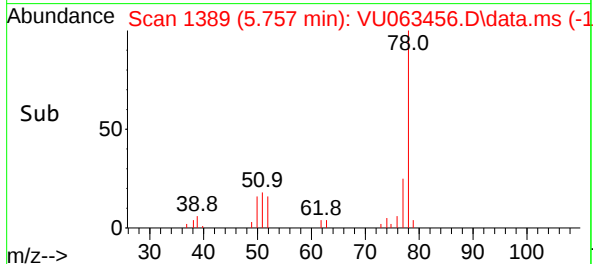
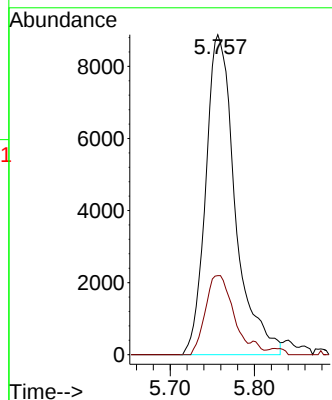
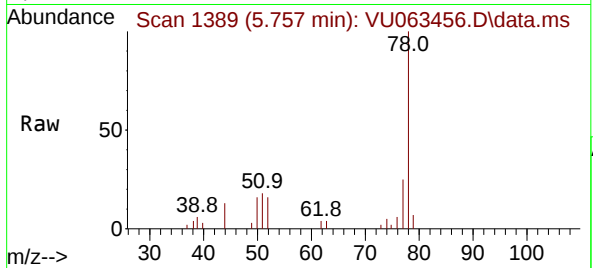
#35
Benzene
Concen: 0.352 ug/l
RT: 5.757 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 78 Resp: 2158
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.2

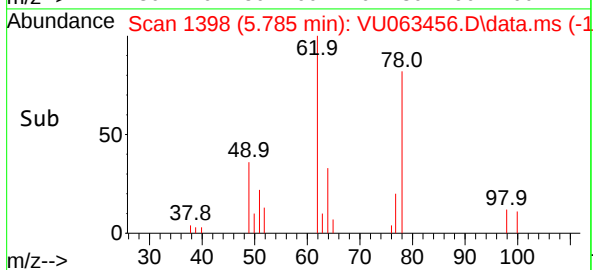
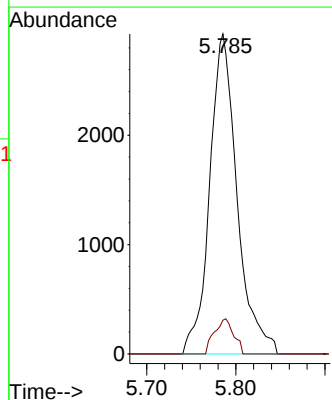
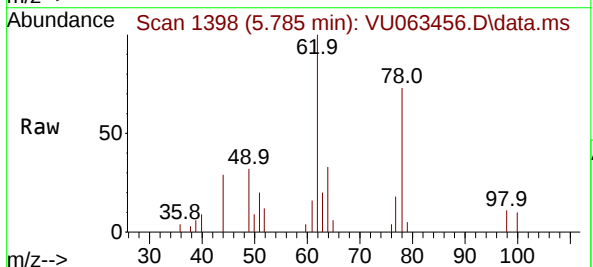
Manual Integrations
APPROVED

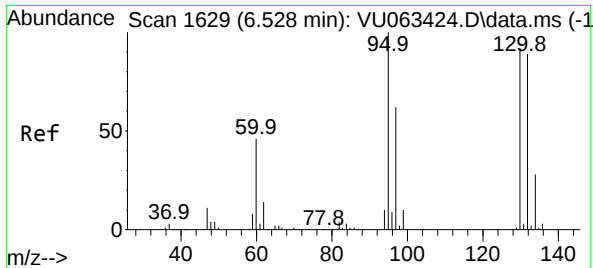
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#36
1,2-Dichloroethane
Concen: 0.348 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

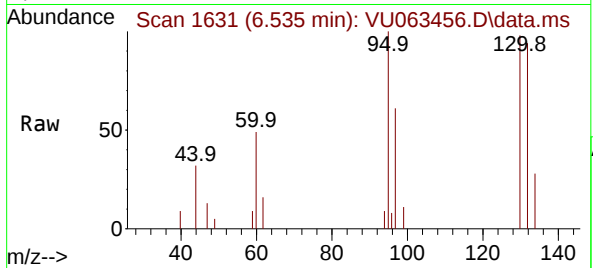
Tgt Ion: 62 Resp: 6249
Ion Ratio Lower Upper
62 100
98 7.7 7.1 10.7





#37
Trichloroethene
Concen: 0.344 ug/l
RT: 6.535 min Scan# 1709
Delta R.T. 0.006 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

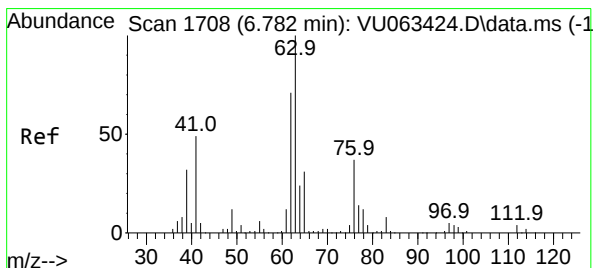
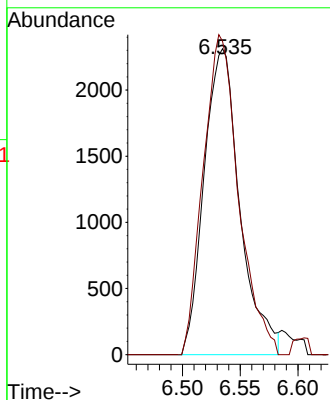
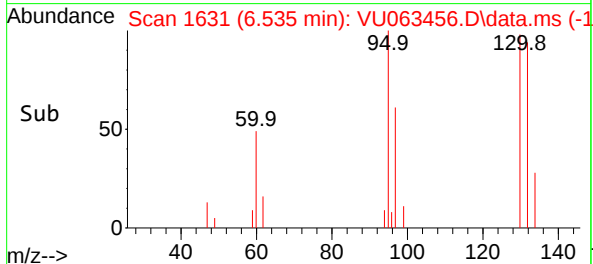
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



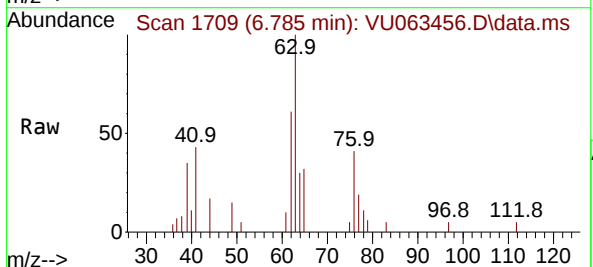
Tgt Ion:130 Resp: 4980
Ion Ratio Lower Upper
130 100
95 102.5 87.2 130.8

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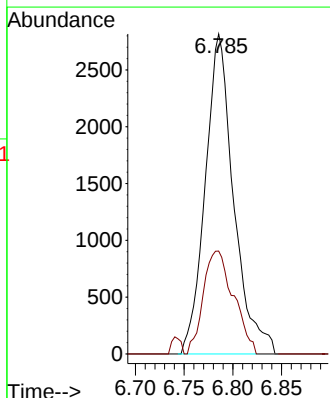
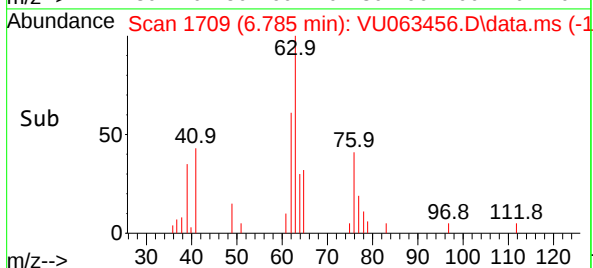
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#38
1,2-Dichloropropane
Concen: 0.337 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33



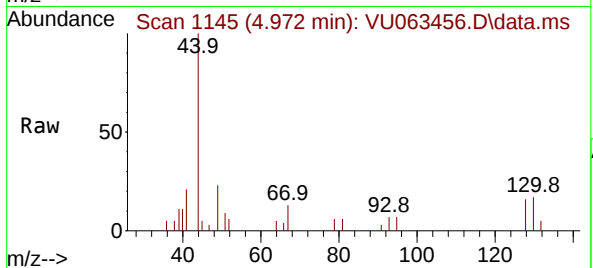
Tgt Ion: 63 Resp: 5714
Ion Ratio Lower Upper
63 100
65 32.2 25.0 37.6





#39
Methacrylonitrile
Concen: 0.344 ug/l m
RT: 4.972 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

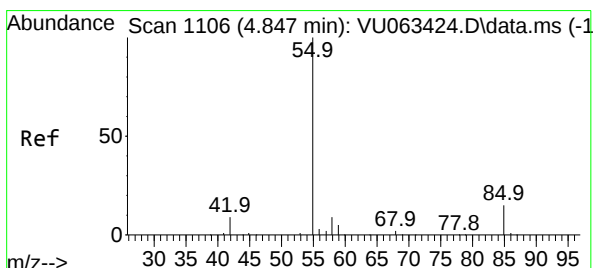
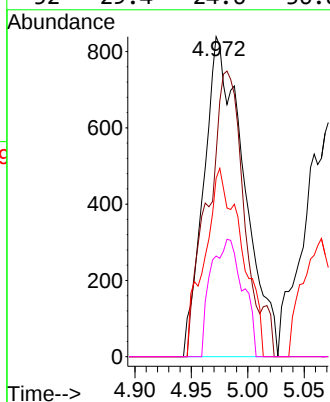
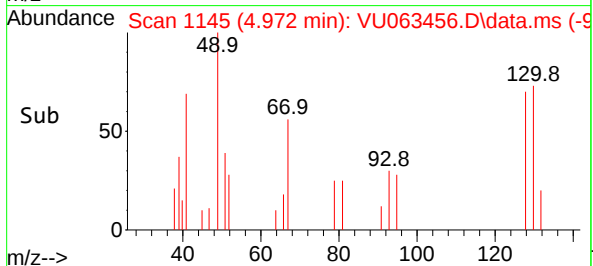
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:	41	Resp:	2064
Ion	Ratio	Lower	Upper
41	100		
67	78.6	59.8	89.8
39	55.0	40.7	61.1
52	29.4	24.6	36.8

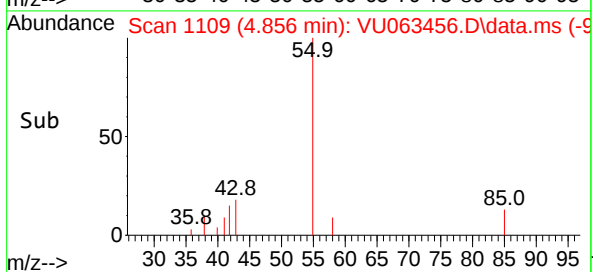
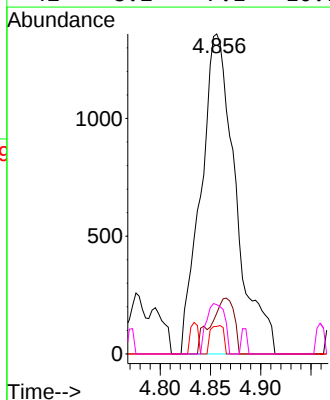
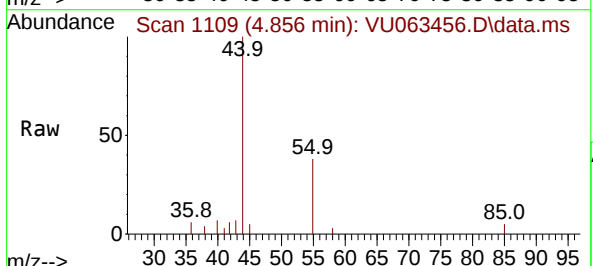
Manual Integrations
APPROVED

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



#40
Methyl acrylate
Concen: 0.387 ug/l
RT: 4.856 min Scan# 1109
Delta R.T. 0.010 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

Tgt Ion:	55	Resp:	3264
Ion	Ratio	Lower	Upper
55	100		
85	11.7	12.6	19.0#
58	3.4	6.9	10.3#
42	8.2	7.1	10.7





#41

Tetrahydrofuran

Concen: 0.751 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.010 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

ClientSampleId :

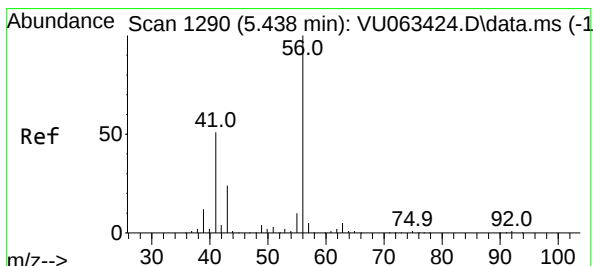
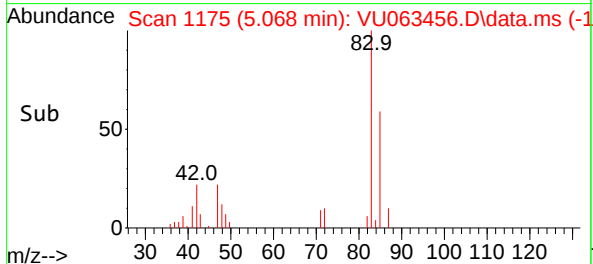
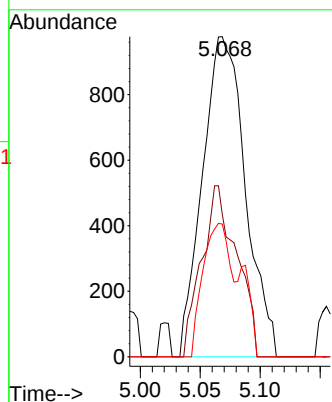
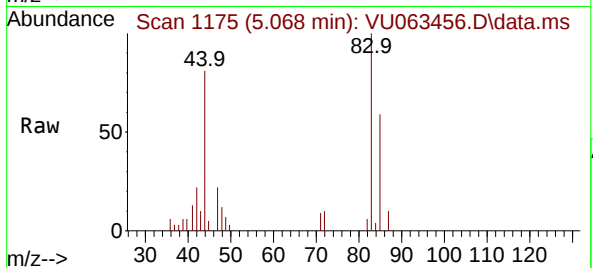
MDL-WATER-03-QT2-2025

Tgt Ion: 42	Resp: 242
Ion Ratio	Lower Upper
42	100
72	44.0 35.4 53.2
71	26.6 31.4 47.0

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 0.335 ug/l m

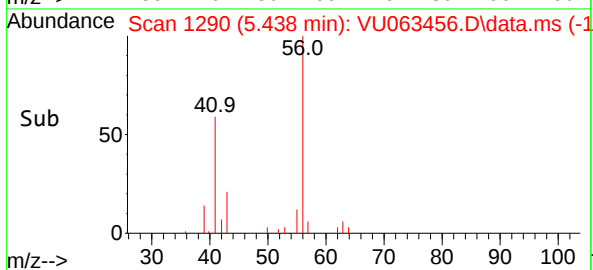
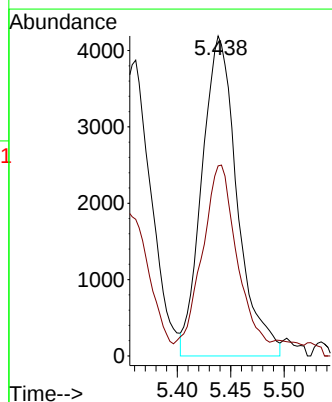
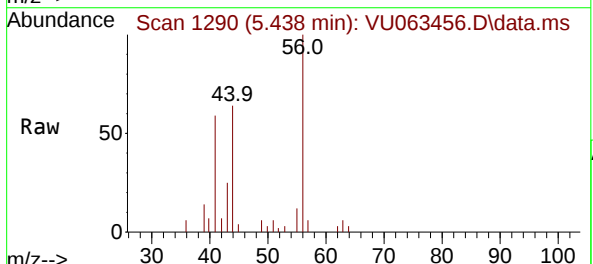
RT: 5.438 min Scan# 1290

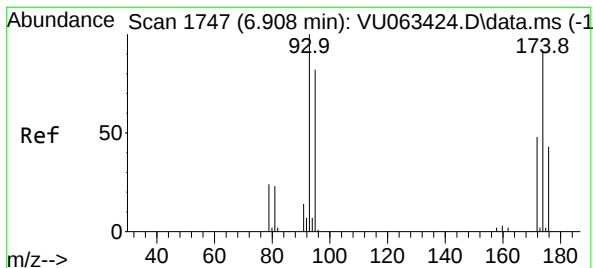
Delta R.T. 0.000 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Tgt Ion: 56	Resp: 9645
Ion Ratio	Lower Upper
56	100
41	54.0 26.4 79.0





#43

Dibromomethane

Concen: 0.337 ug/l

RT: 6.911 min Scan# 1747

Delta R.T. 0.003 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

ClientSampleId :

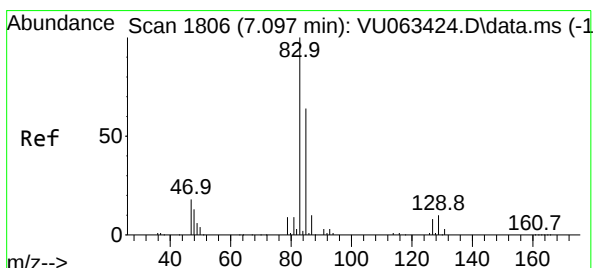
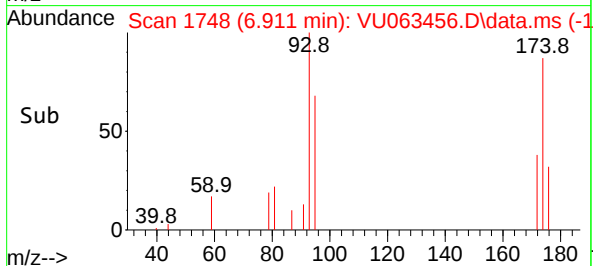
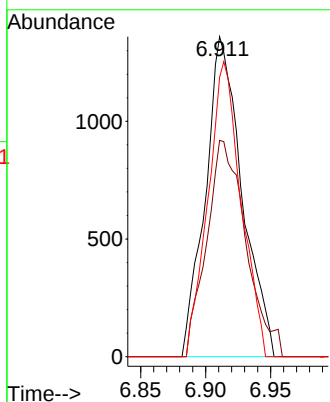
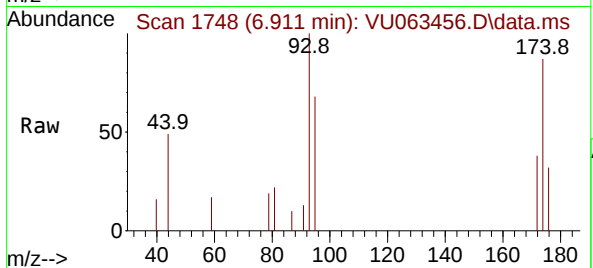
MDL-WATER-03-QT2-2025

Tgt Ion: 93	Resp: 267
Ion Ratio	Lower Upper
93	100
95	72.3 66.7 100.1
174	82.8 71.1 106.7

Manual Integrations

APPROVED

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



#44

Bromodichloromethane

Concen: 0.346 ug/l

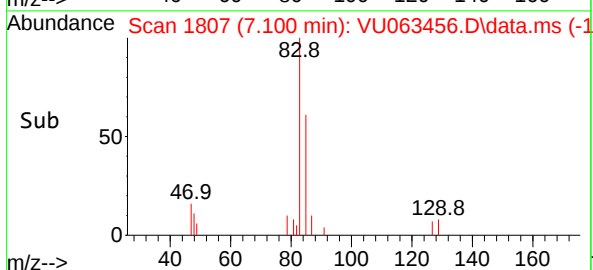
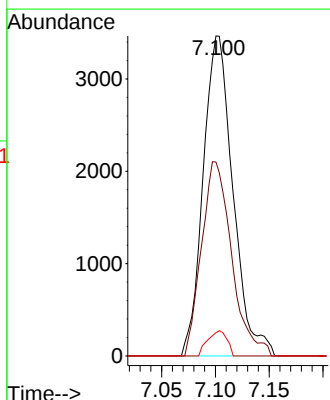
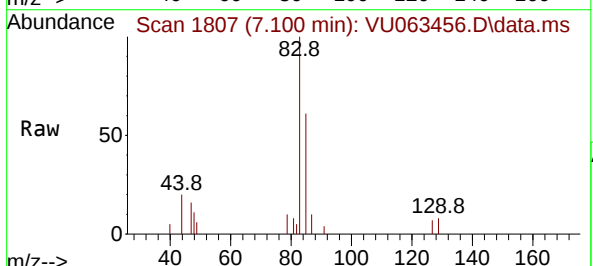
RT: 7.100 min Scan# 1807

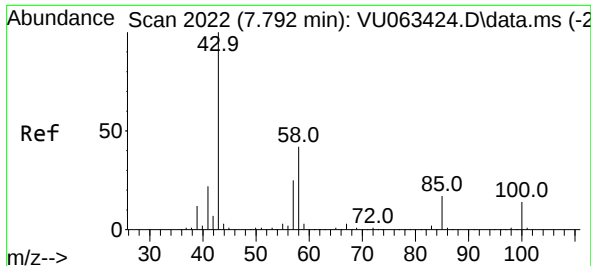
Delta R.T. 0.003 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Tgt Ion: 83	Resp: 6682
Ion Ratio	Lower Upper
83	100
85	60.6 51.4 77.2
127	7.2 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 1.342 ug/l

RT: 7.808 min Scan# 2022

Delta R.T. 0.016 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

ClientSampleId :

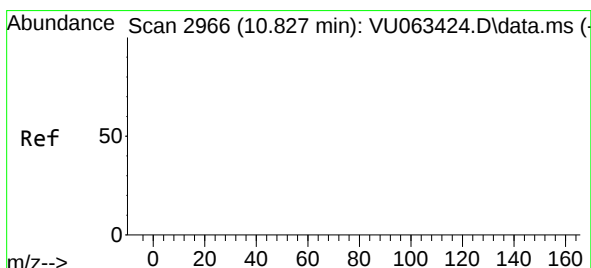
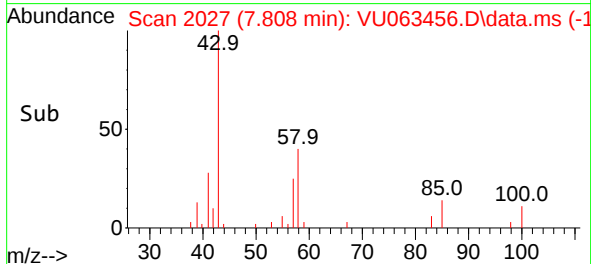
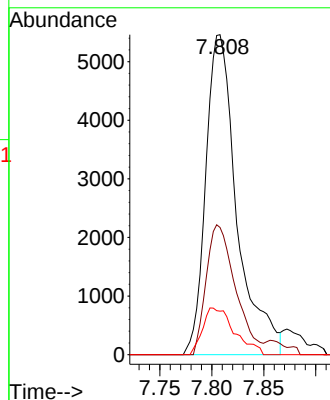
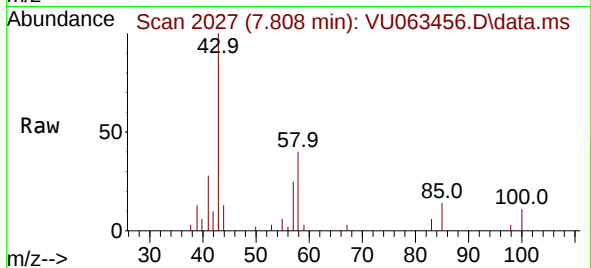
MDL-WATER-03-QT2-2025

Tgt Ion:	43	Resp:	11408
Ion	Ratio	Lower	Upper
43	100		
58	38.1	20.5	61.6
85	14.8	14.2	21.2

Manual Integrations

APPROVED

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



#46

t-1,4-Dichloro-2-butene

Concen: 0.726 ug/l m

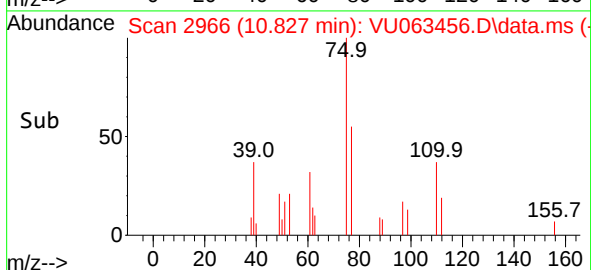
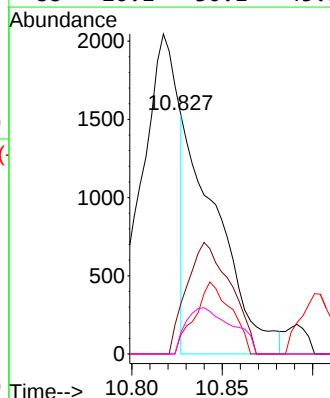
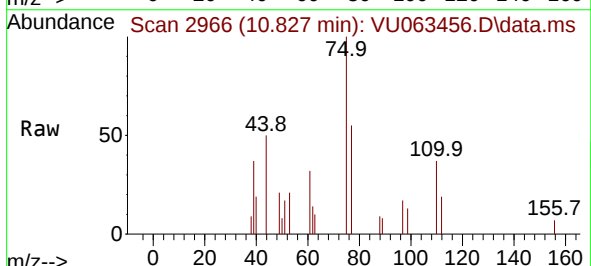
RT: 10.827 min Scan# 2966

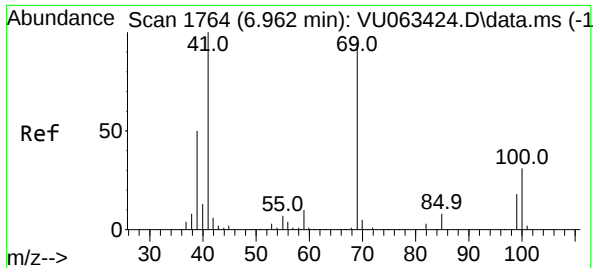
Delta R.T. 0.000 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Tgt Ion:	75	Resp:	2029
Ion	Ratio	Lower	Upper
75	100		
53	59.4	61.4	92.2#
89	31.5	39.2	58.8#
88	26.1	30.1	45.1#





#47

Methyl methacrylate

Concen: 0.531 ug/l

RT: 6.978 min Scan# 1769

Delta R.T. 0.016 min

Lab File: VU063456.D

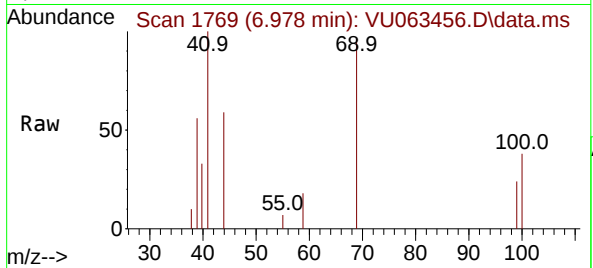
Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion: 69 Resp: 326

Ion Ratio Lower Upper

69 100

41 90.9 0.0 212.6

39 47.1 40.6 61.0

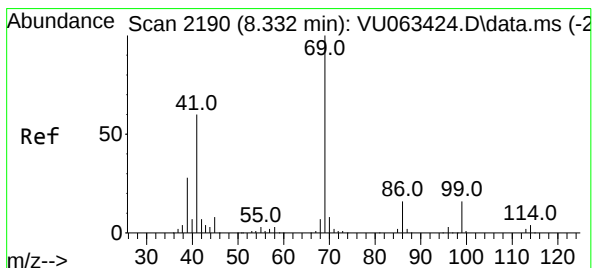
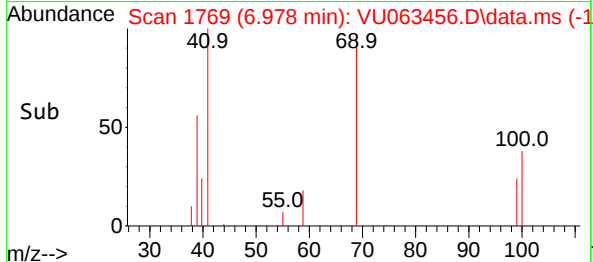
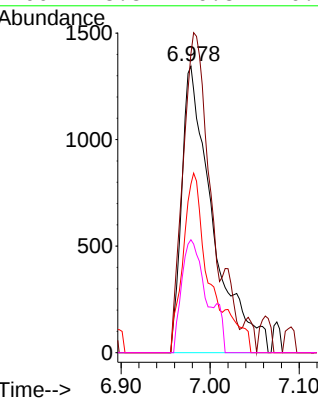
100 28.8 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#48

Ethyl methacrylate

Concen: 0.272 ug/l

RT: 8.342 min Scan# 2193

Delta R.T. 0.010 min

Lab File: VU063456.D

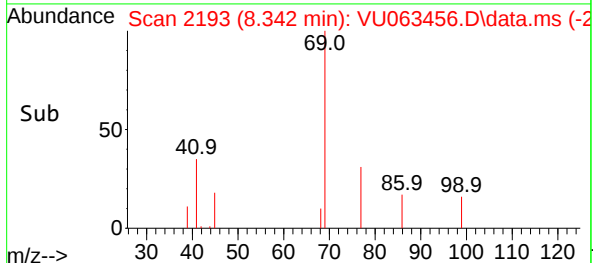
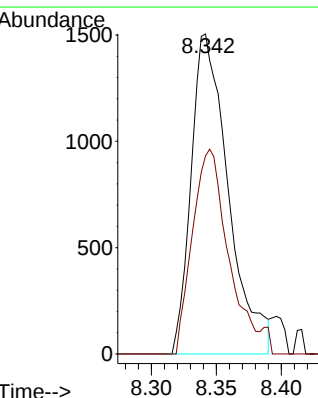
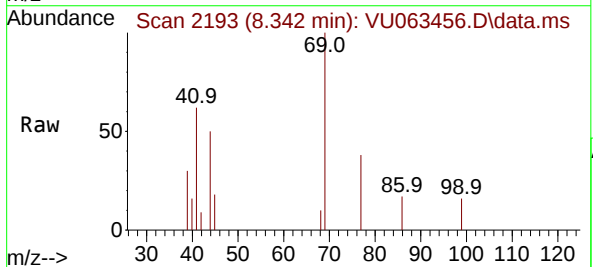
Acq: 25 Jun 2025 13:33

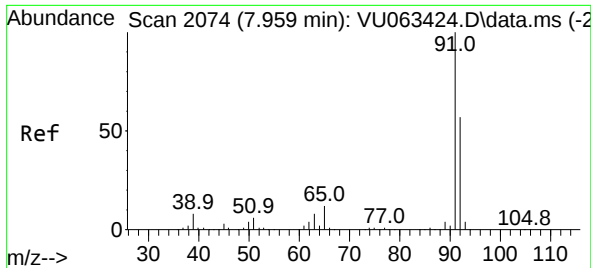
Tgt Ion: 69 Resp: 2991

Ion Ratio Lower Upper

69 100

41 63.2 30.6 92.0





#49

Toluene

Concen: 0.267 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

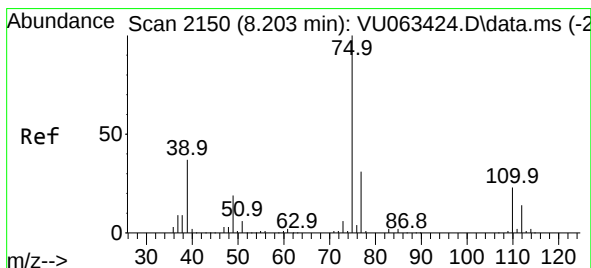
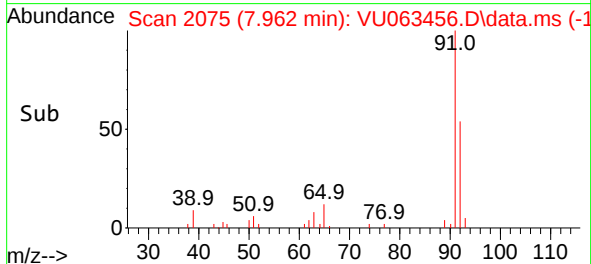
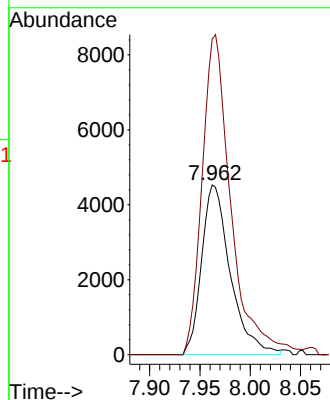
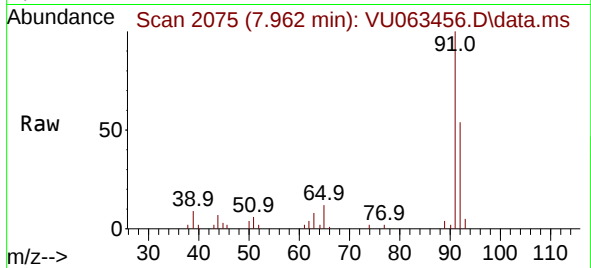
ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 92 Resp: 900
 Ion Ratio Lower Upper
 92 100
 91 189.5 142.0 213.0

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



#50

t-1,3-Dichloropropene

Concen: 0.292 ug/l

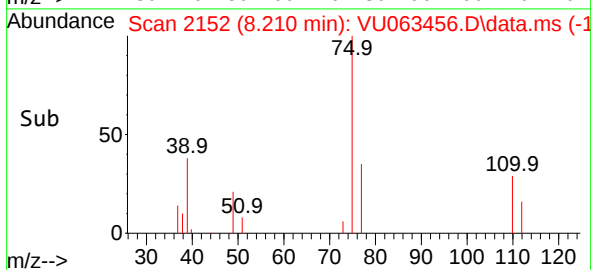
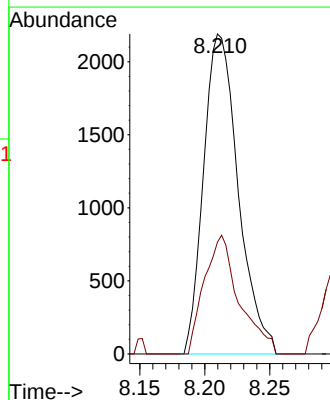
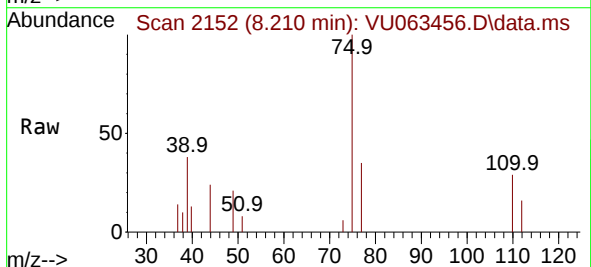
RT: 8.210 min Scan# 2152

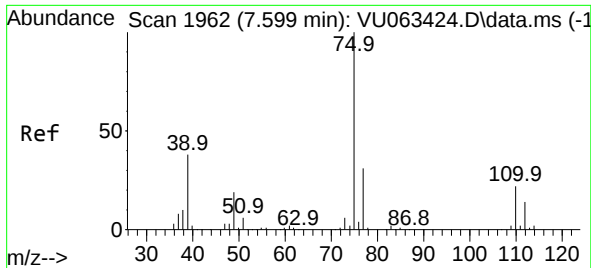
Delta R.T. 0.007 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Tgt Ion: 75 Resp: 4063
 Ion Ratio Lower Upper
 75 100
 77 34.9 24.5 36.7





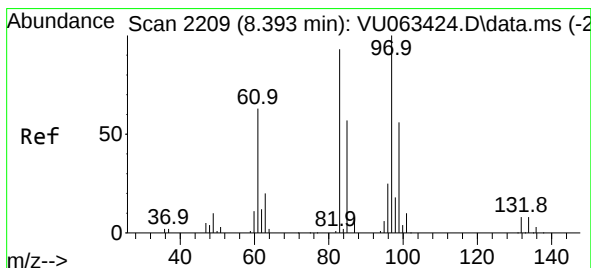
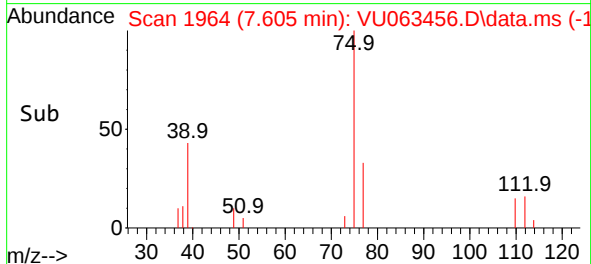
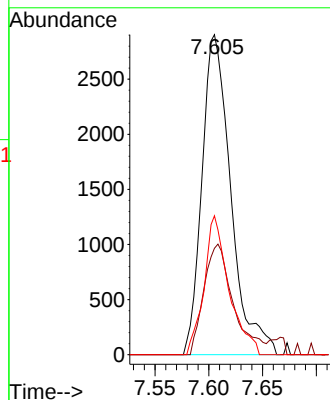
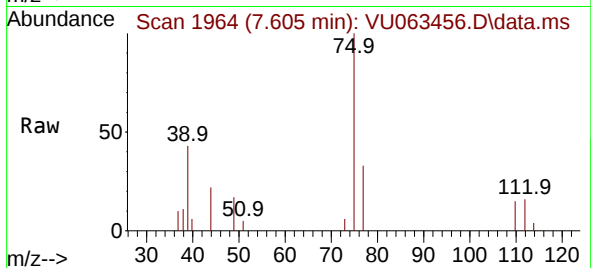
#51
 cis-1,3-Dichloropropene
 Concen: 0.291 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: VU063456.D
 Acq: 25 Jun 2025 13:33

Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Tgt Ion: 75 Resp: 5438
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.8 37.2
 39 43.4 30.7 46.1

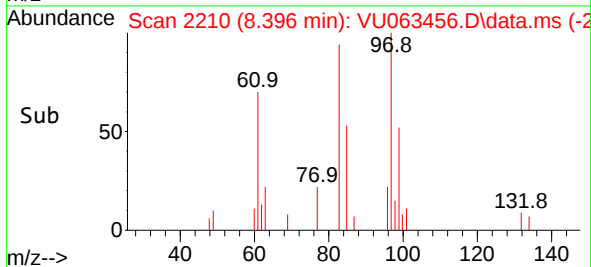
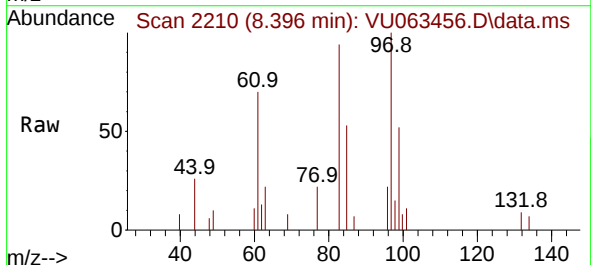
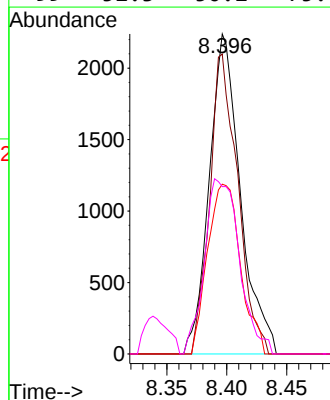
Manual Integrations
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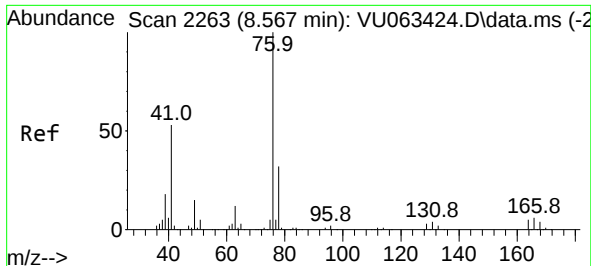
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.349 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063456.D
 Acq: 25 Jun 2025 13:33

Tgt Ion: 97 Resp: 4038
 Ion Ratio Lower Upper
 97 100
 83 93.7 74.1 111.1
 85 53.1 45.8 68.8
 99 52.3 50.2 75.4





#53

1,3-Dichloropropane

Concen: 0.309 ug/l

RT: 8.573 min Scan# 215

Delta R.T. 0.006 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

ClientSampleId :

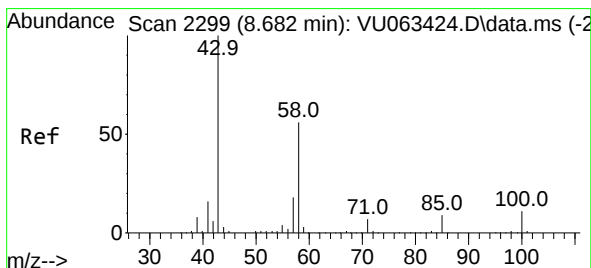
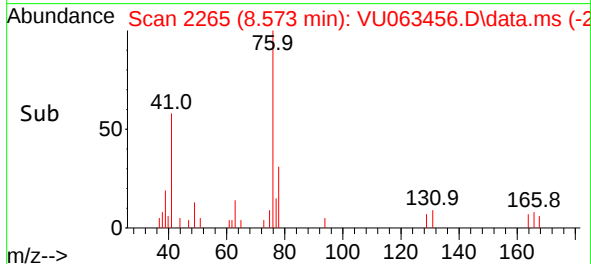
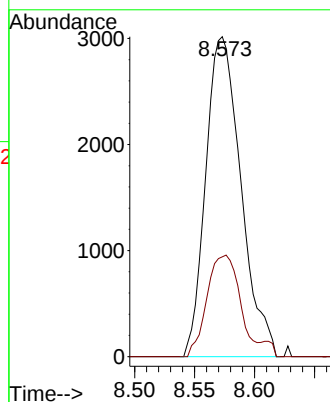
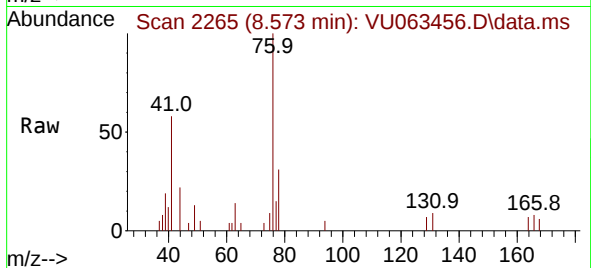
MDL-WATER-03-QT2-2025

Tgt Ion: 76 Resp: 615
 Ion Ratio Lower Upper
 76 100
 78 29.5 25.7 38.5

Manual Integrations

APPROVED

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



#54

2-Hexanone

Concen: 1.396 ug/l

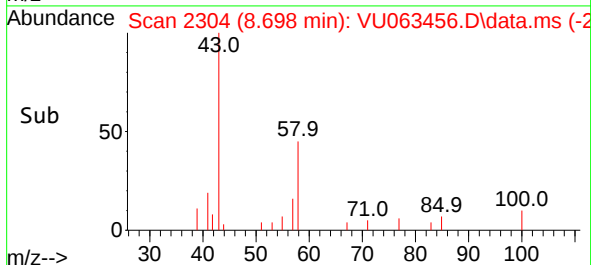
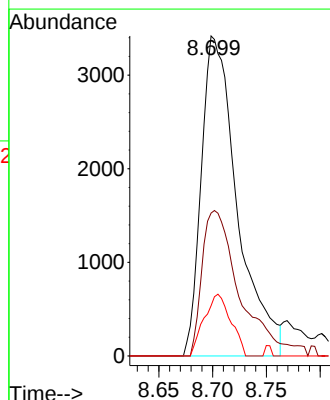
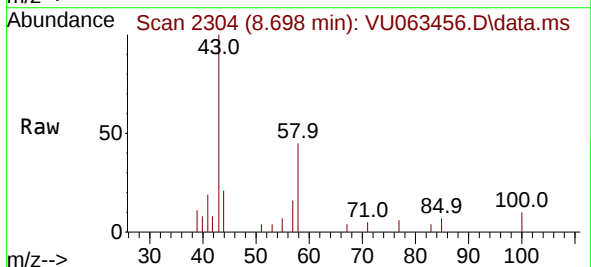
RT: 8.698 min Scan# 2304

Delta R.T. 0.016 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

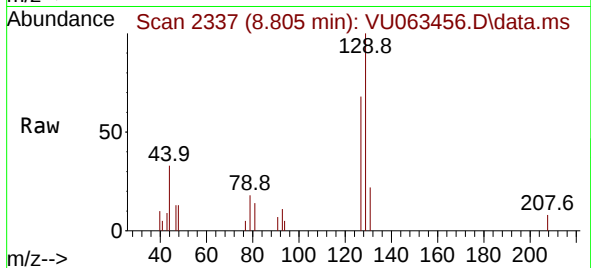
Tgt Ion: 43 Resp: 7963
 Ion Ratio Lower Upper
 43 100
 58 47.9 36.9 76.9
 57 14.3 0.0 38.8





#55
Dibromochloromethane
Concen: 0.336 ug/l
RT: 8.805 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

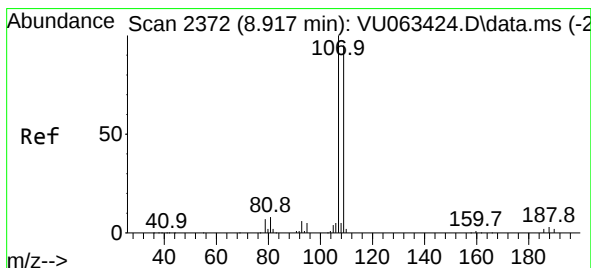
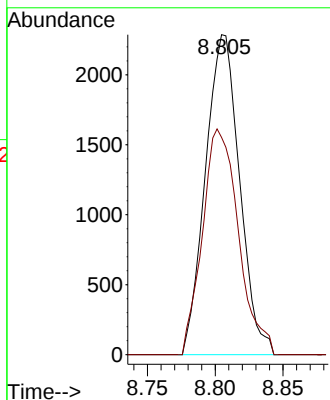
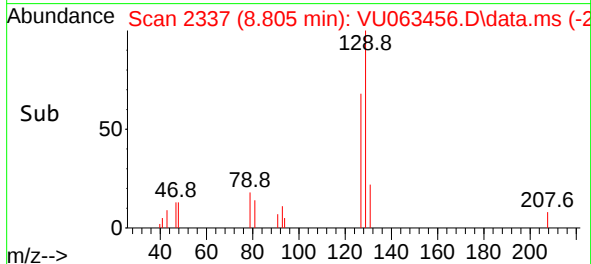
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:129 Resp: 401
Ion Ratio Lower Upper
129 100
127 74.5 62.6 93.8

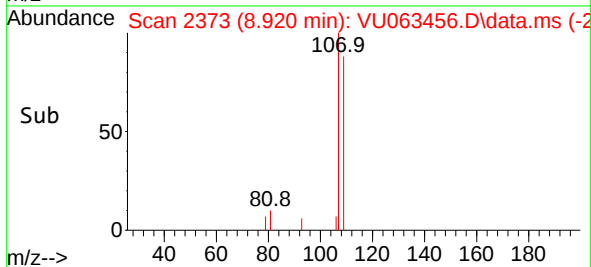
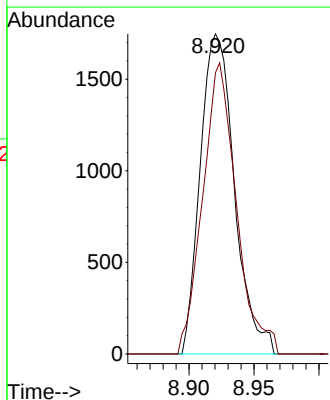
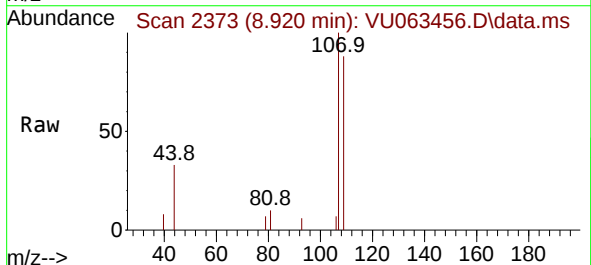
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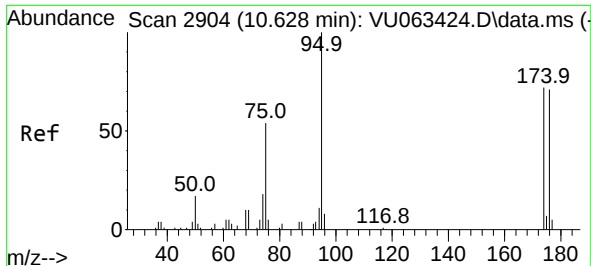
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#56
1,2-Dibromoethane
Concen: 0.341 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

Tgt Ion:107 Resp: 3201
Ion Ratio Lower Upper
107 100
109 89.5 0.0 188.0





#57

4-Bromofluorobenzene

Concen: 0.762 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

ClientSampleId :

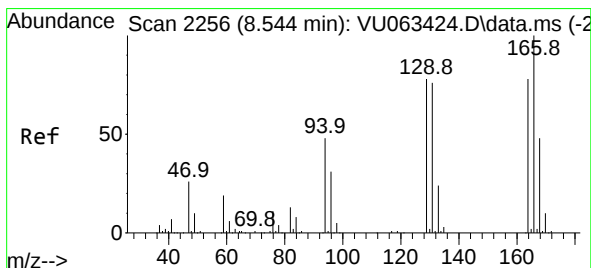
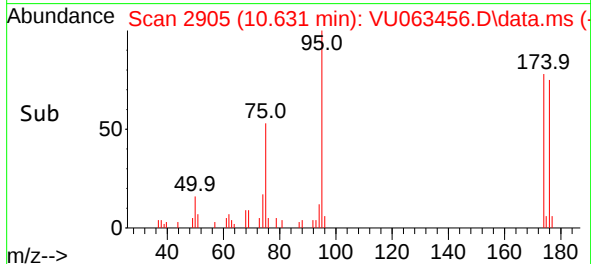
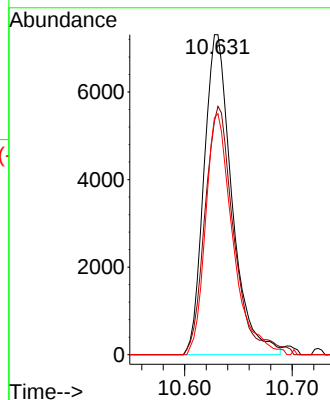
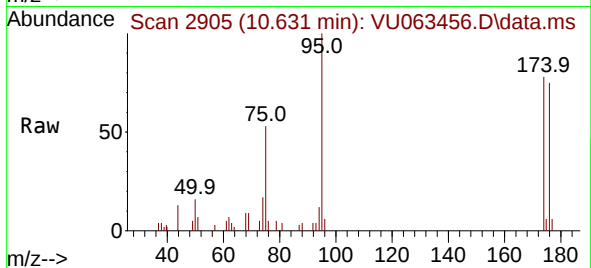
MDL-WATER-03-QT2-2025

Tgt Ion: 95 Resp: 1318

Ion	Ratio	Lower	Upper
95	100		
174	80.4	59.4	89.2
176	73.3	57.8	86.6

Manual Integrations
APPROVED

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



#58

Tetrachloroethene

Concen: 0.327 ug/l

RT: 8.541 min Scan# 2255

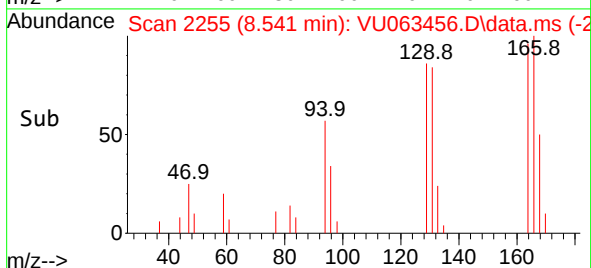
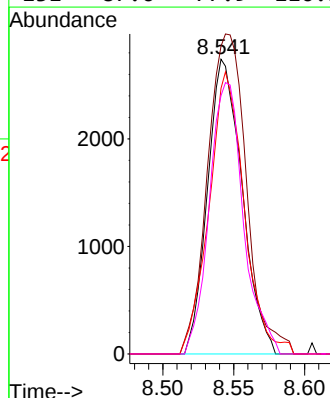
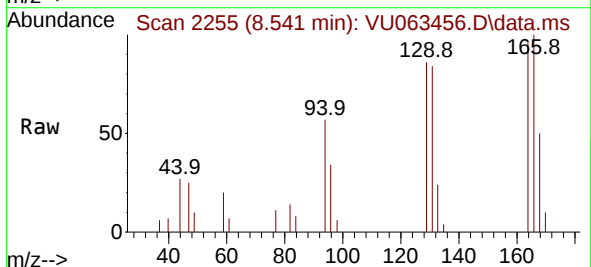
Delta R.T. -0.003 min

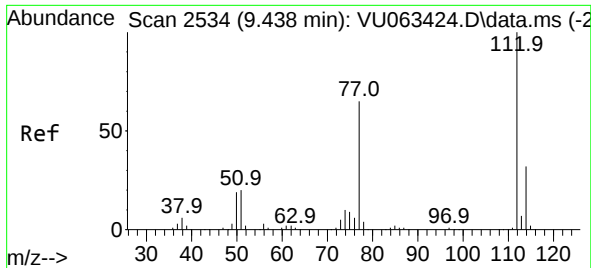
Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Tgt Ion:164 Resp: 4653

Ion	Ratio	Lower	Upper
164	100		
166	104.4	102.8	154.2
129	90.1	80.2	120.2
131	87.6	77.9	116.9





#59

Chlorobenzene

Concen: 0.286 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:112 Resp: 1033

Ion Ratio Lower Upper

112 100

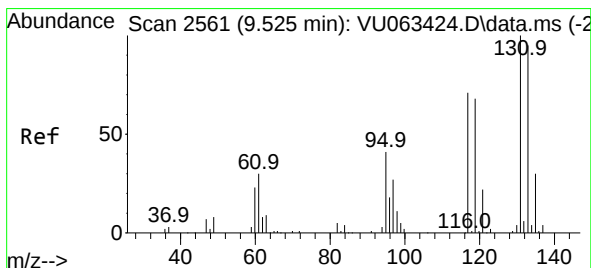
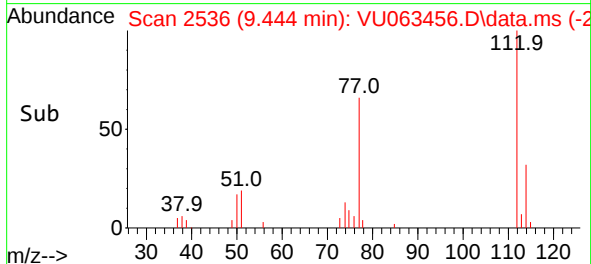
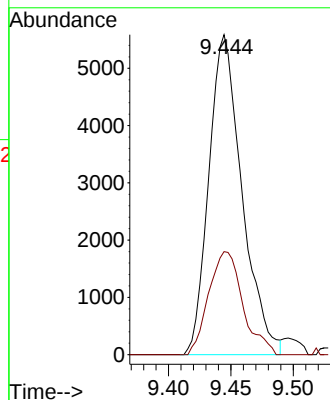
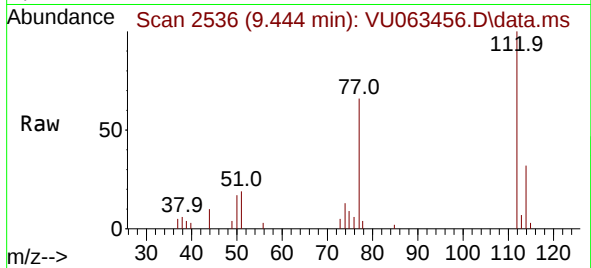
114 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 0.314 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.003 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

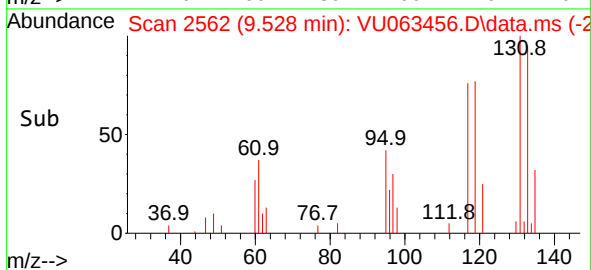
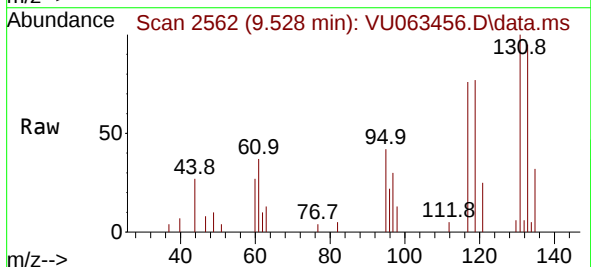
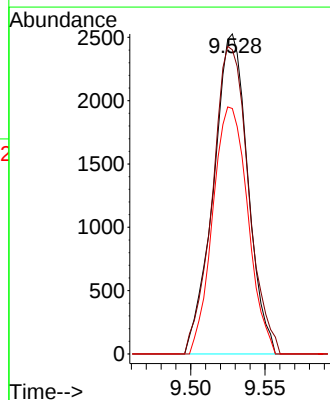
Tgt Ion:131 Resp: 4079

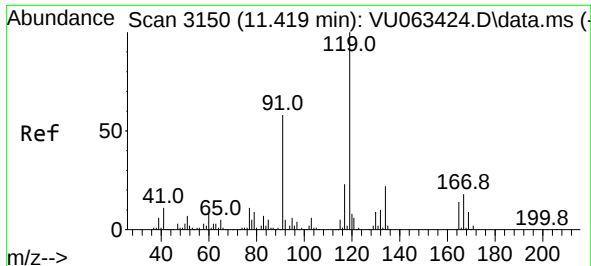
Ion Ratio Lower Upper

131 100

133 100.3 76.1 114.1

119 78.5 53.7 80.5





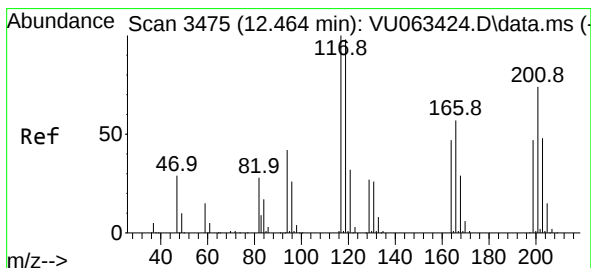
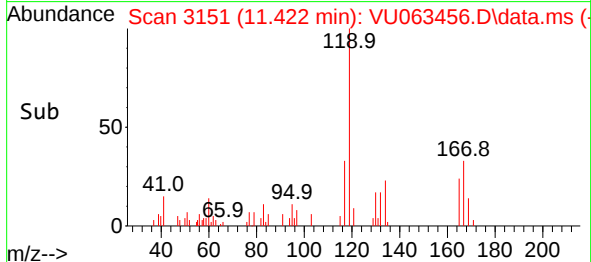
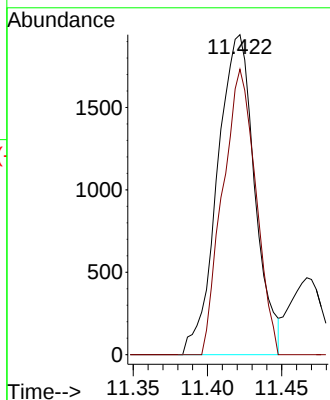
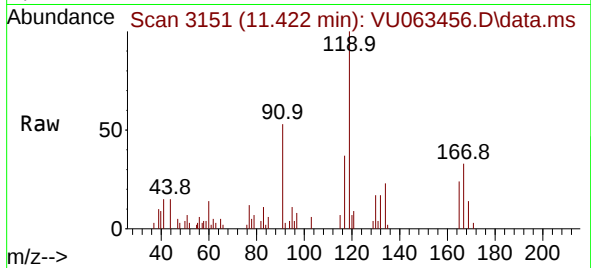
#61
Pentachloroethane
Concen: 0.321 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:117 Resp: 3399
Ion Ratio Lower Upper
117 100
167 78.8 58.1 87.1

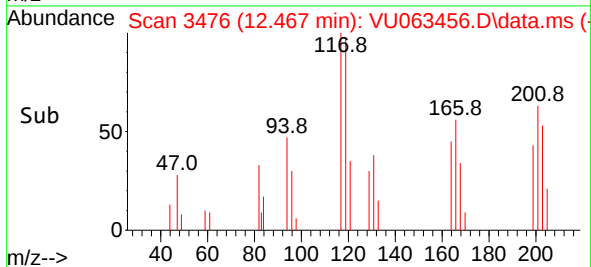
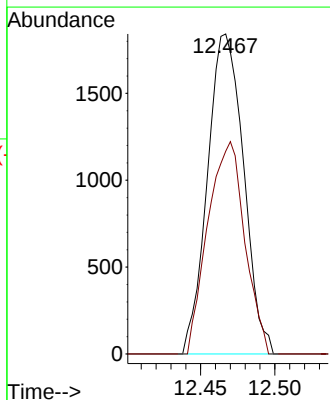
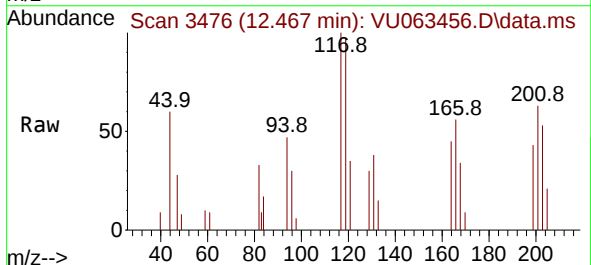
Manual Integrations
APPROVED

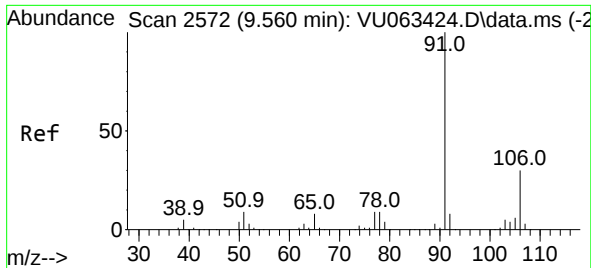
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#62
Hexachloroethane
Concen: 0.327 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

Tgt Ion:117 Resp: 3113
Ion Ratio Lower Upper
117 100
201 67.9 60.4 90.6





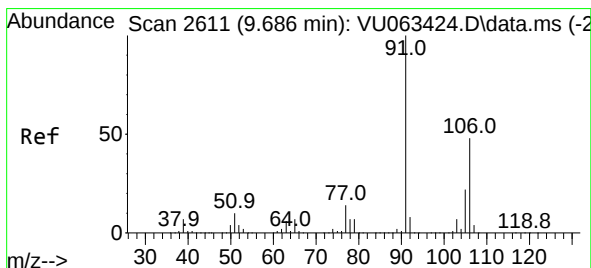
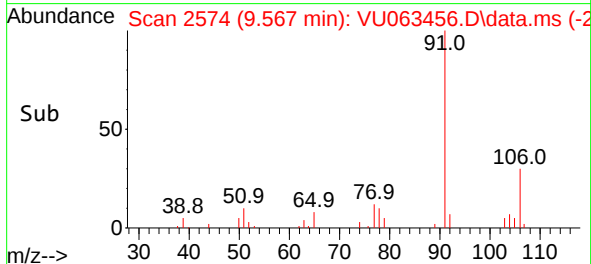
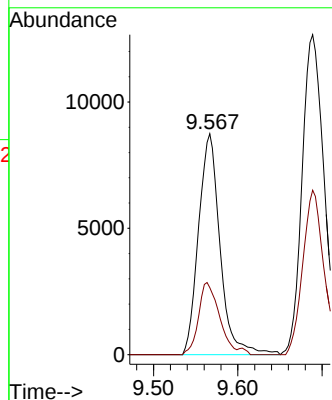
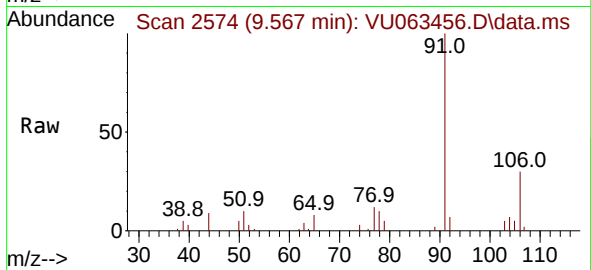
#63
Ethyl Benzene
Concen: 0.269 ug/l
RT: 9.567 min Scan# 2156
Delta R.T. 0.007 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 1556
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2

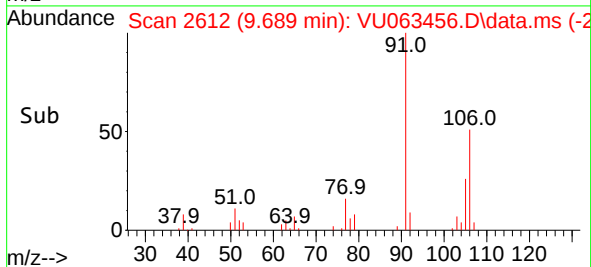
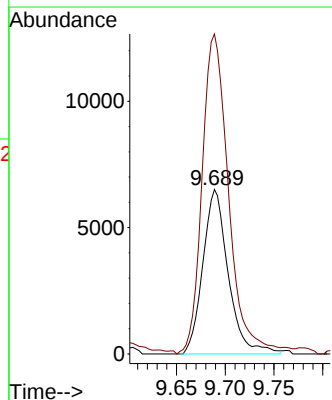
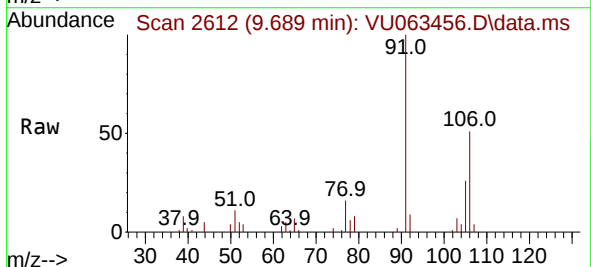
Manual Integrations
APPROVED

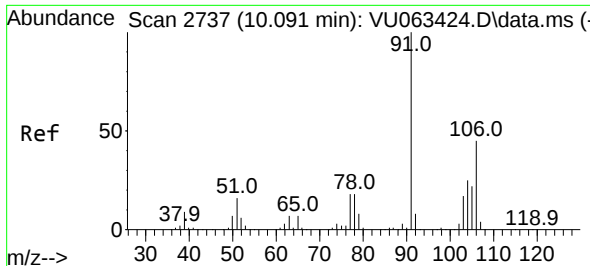
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#64
m/p-Xylenes
Concen: 0.523 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

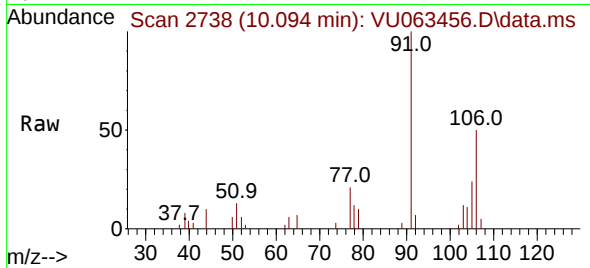
Tgt Ion:106 Resp: 11801
Ion Ratio Lower Upper
106 100
91 203.6 169.9 254.9





#65
o-Xylene
Concen: 0.256 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

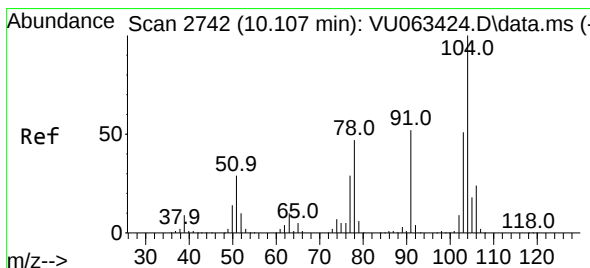
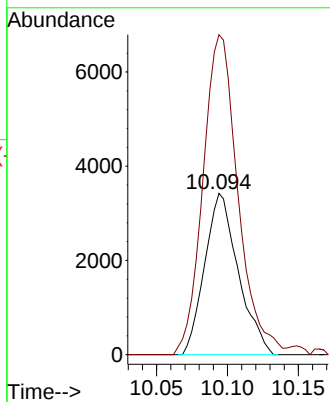
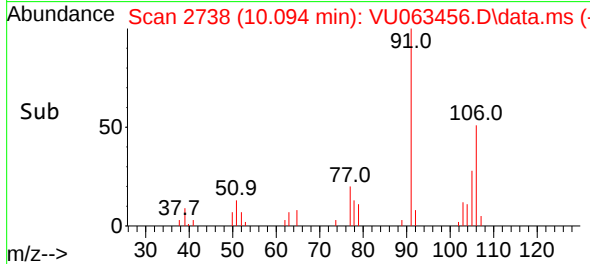
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



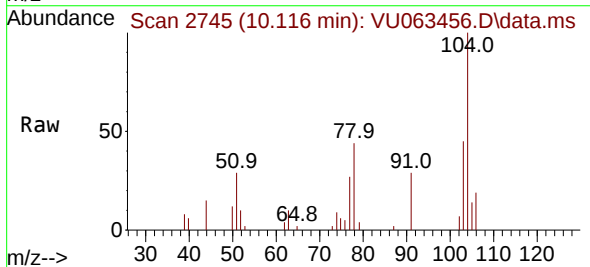
Tgt Ion:106 Resp: 563
Ion Ratio Lower Upper
106 100
91 207.2 110.8 332.3

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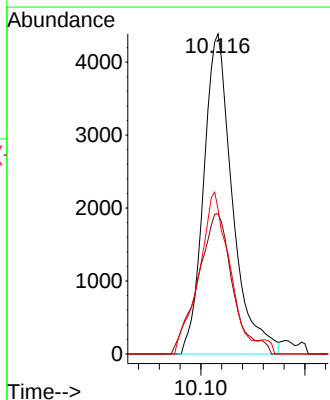
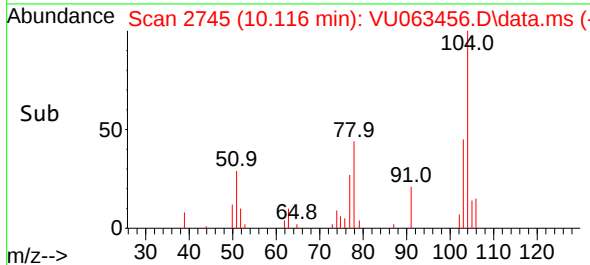
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#66
Styrene
Concen: 0.236 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.009 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33



Tgt Ion:104 Resp: 8439
Ion Ratio Lower Upper
104 100
78 52.6 41.6 62.4
103 53.8 44.6 67.0





#67

Bromoform

Concen: 0.306 ug/l

RT: 10.284 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

ClientSampleId :

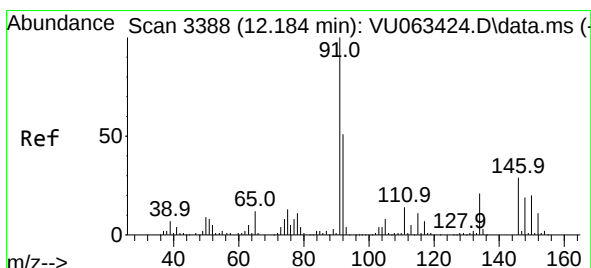
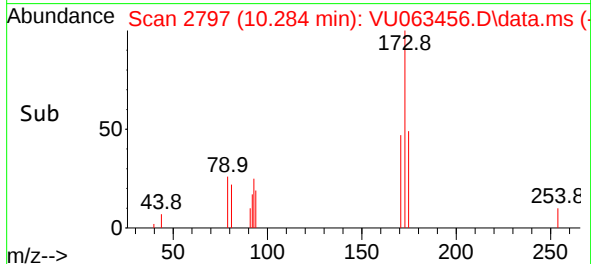
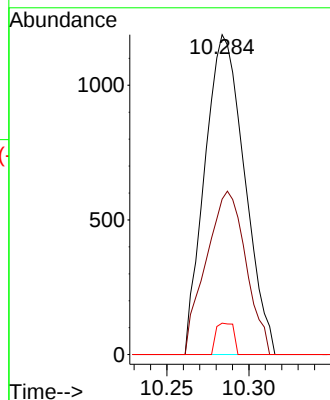
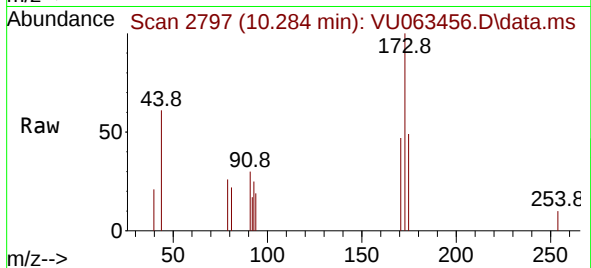
MDL-WATER-03-QT2-2025

Tgt Ion:173	Resp:	1990
Ion Ratio	Lower	Upper
173	100	
175	51.3	38.2 57.2
254	4.3	7.6 11.4

Manual Integrations

APPROVED

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



#68

1,2-Dichlorobenzene-d4

Concen: 0.847 ug/l

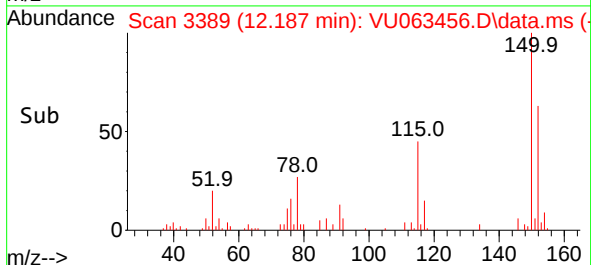
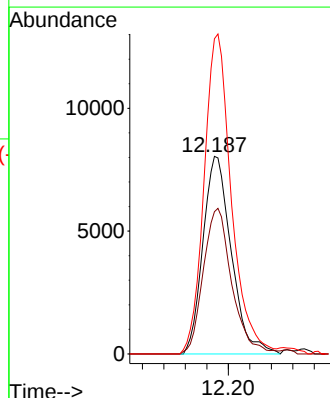
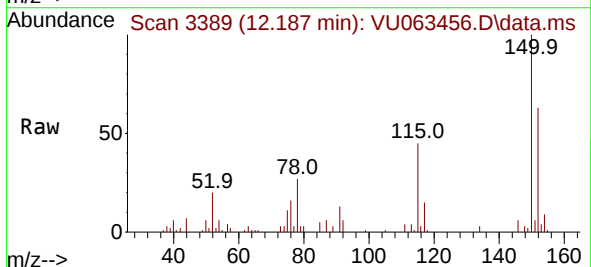
RT: 12.187 min Scan# 3389

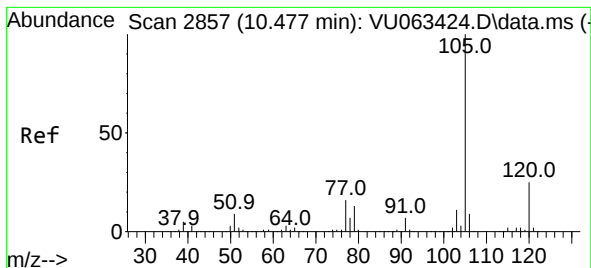
Delta R.T. 0.003 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Tgt Ion:152	Resp:	14709
Ion Ratio	Lower	Upper
152	100	
115	74.1	0.0 327.6
150	156.0	0.0 664.4





#69

Isopropylbenzene

Concen: 0.250 ug/l

RT: 10.477 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

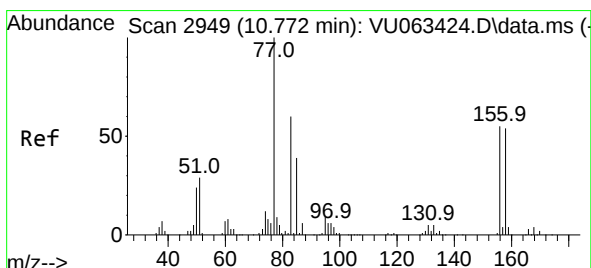
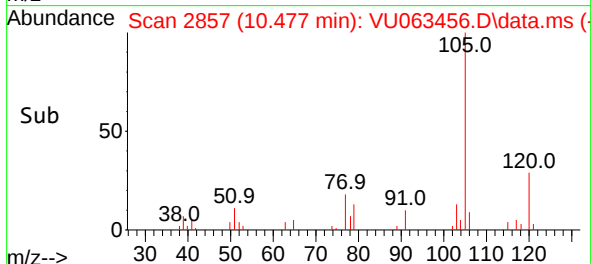
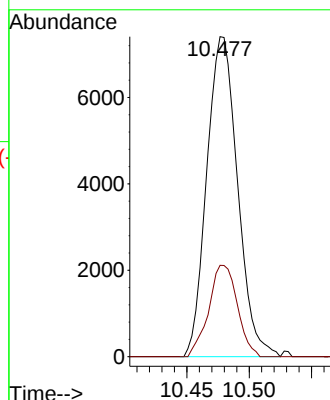
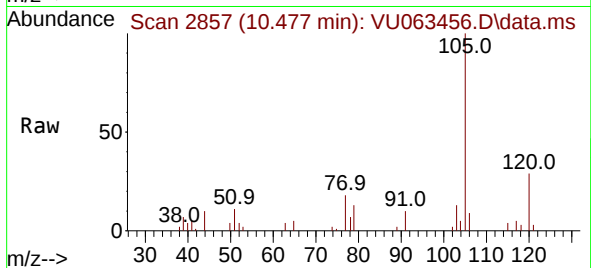
ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 12744
 Ion Ratio Lower Upper
 105 100
 120 26.6 12.7 38.1

Manual Integrations
 APPROVED

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



#70

1,1,2,2-Tetrachloroethane

Concen: 0.328 ug/l

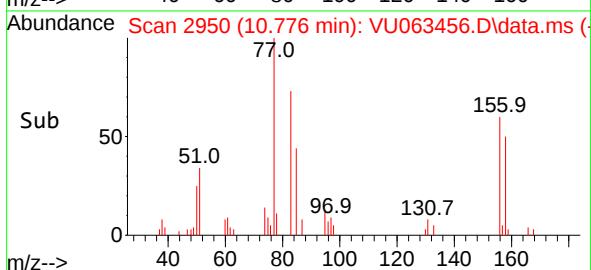
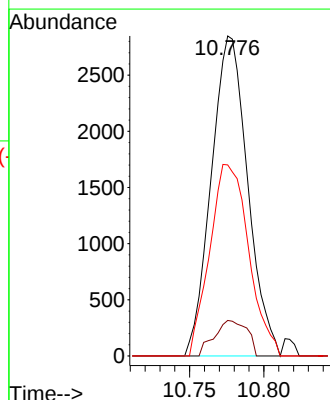
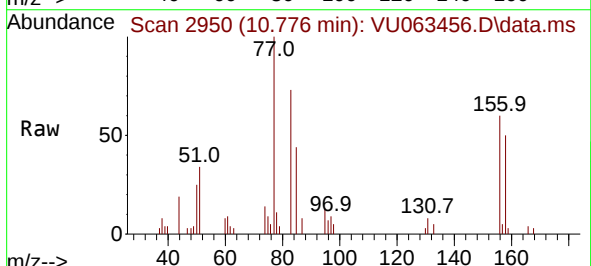
RT: 10.776 min Scan# 2950

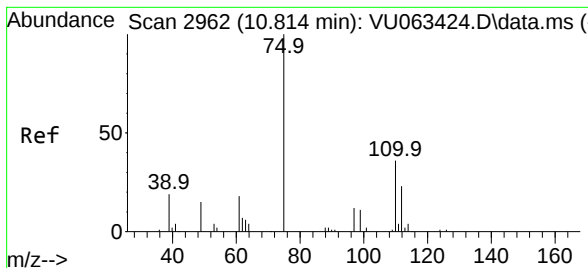
Delta R.T. 0.004 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Tgt Ion: 83 Resp: 4853
 Ion Ratio Lower Upper
 83 100
 131 10.0 7.4 11.0
 85 64.0 51.3 76.9





#71

1,2,3-Trichloropropane

Concen: 0.318 ug/l m

RT: 10.817 min Scan# 2962

Delta R.T. 0.003 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

Instrument :

MSVOA_U

ClientSampleId :

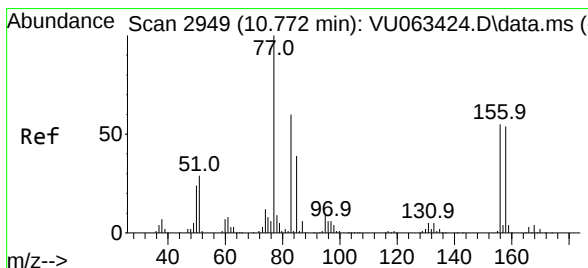
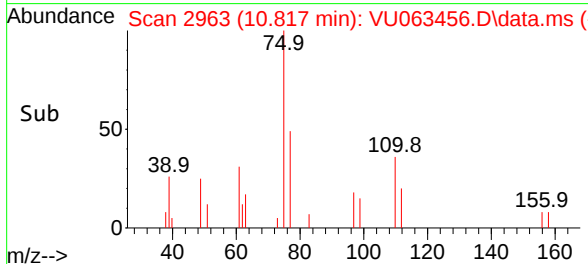
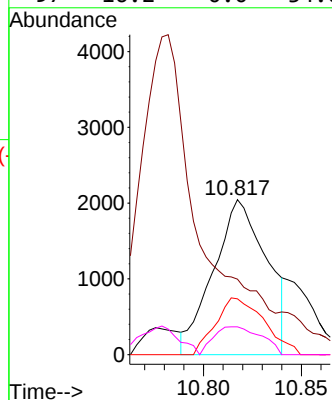
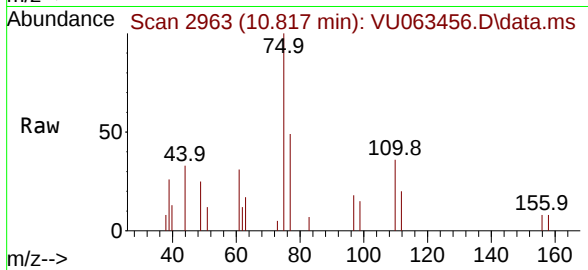
MDL-WATER-03-QT2-2025

Tgt Ion: 75	Resp: 384
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 33.6	0.0 63.4
97 16.2	0.0 34.0

Manual Integrations

APPROVED

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



#72

Bromobenzene

Concen: 0.285 ug/l

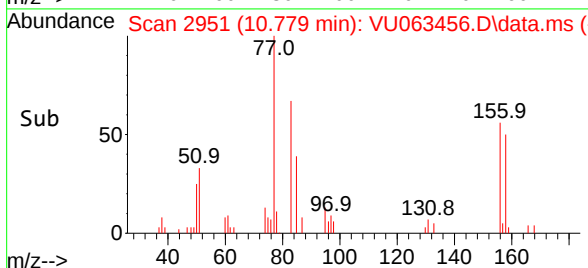
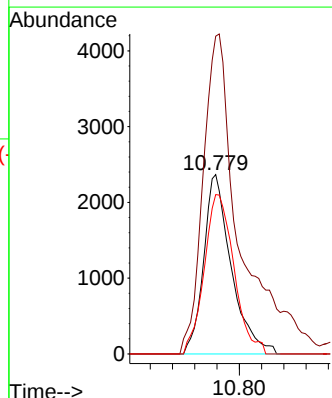
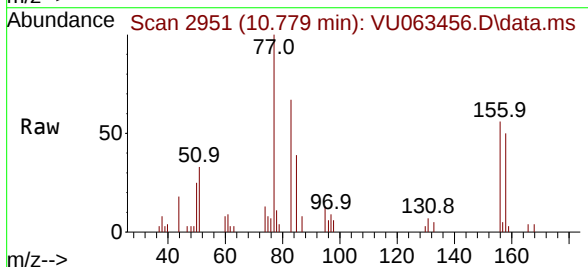
RT: 10.779 min Scan# 2951

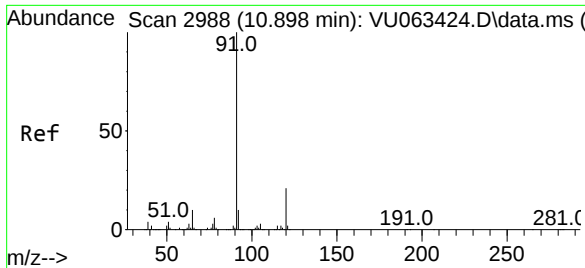
Delta R.T. 0.007 min

Lab File: VU063456.D

Acq: 25 Jun 2025 13:33

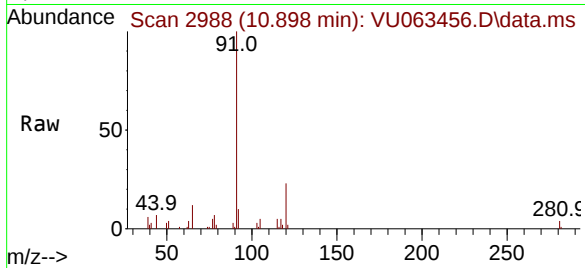
Tgt Ion:156	Resp: 4070
Ion Ratio	Lower Upper
156 100	
77 239.3	0.0 416.2
158 95.7	0.0 190.6





#73
n-propylbenzene
Concen: 0.263 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

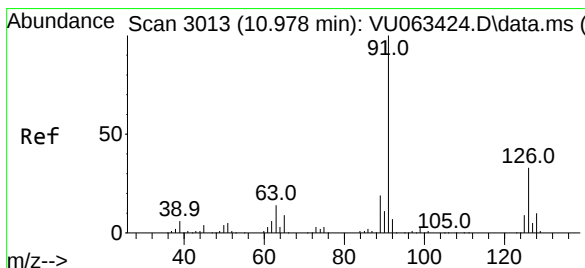
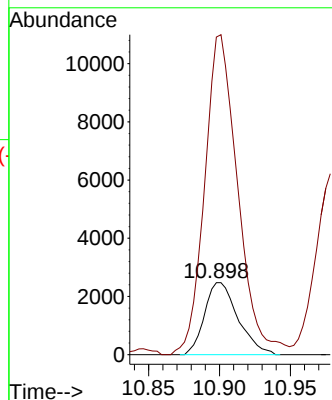
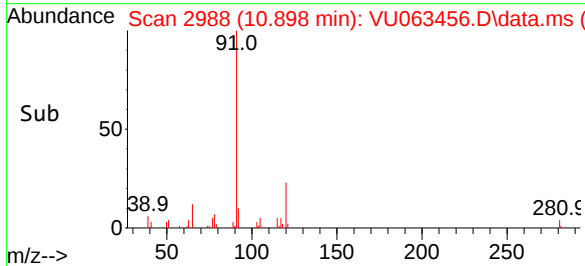
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



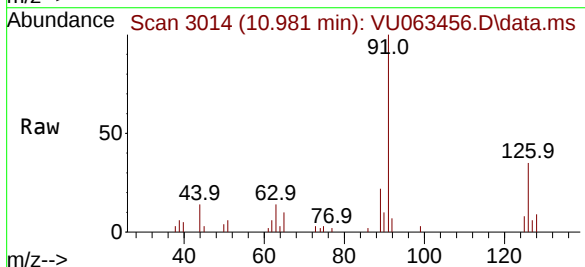
Tgt Ion:120 Resp: 405
Ion Ratio Lower Upper
120 100
91 440.8 373.7 560.5

Manual Integrations
APPROVED

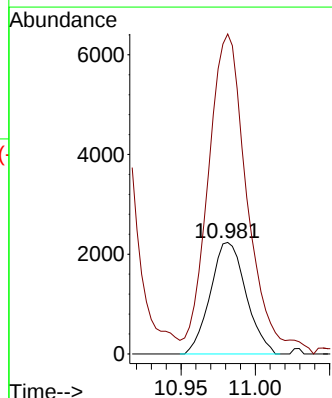
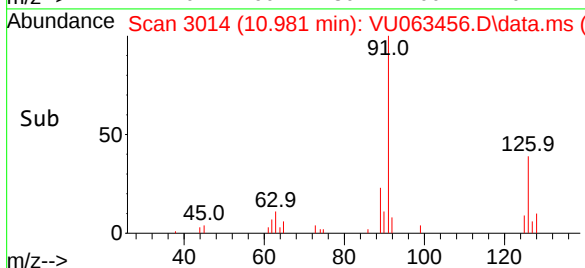
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

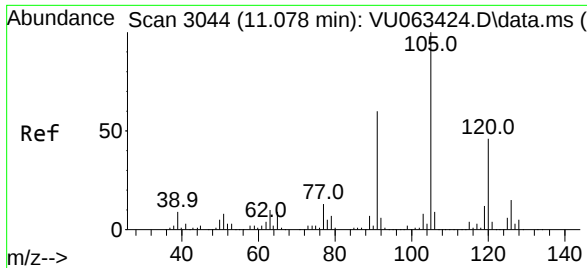


#74
2-Chlorotoluene
Concen: 0.264 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33



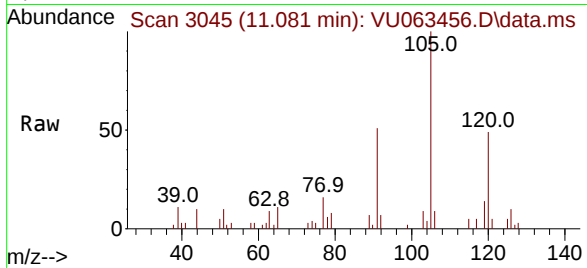
Tgt Ion:126 Resp: 3727
Ion Ratio Lower Upper
126 100
91 313.7 0.0 650.8





#75
1,3,5-Trimethylbenzene
Concen: 0.226 ug/l
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

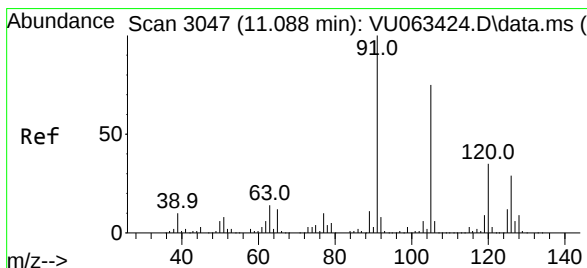
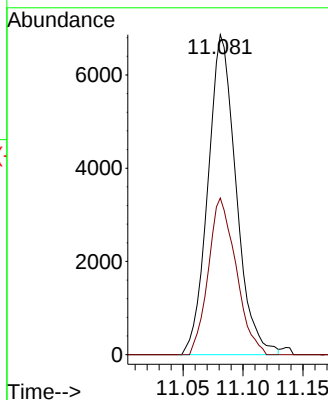
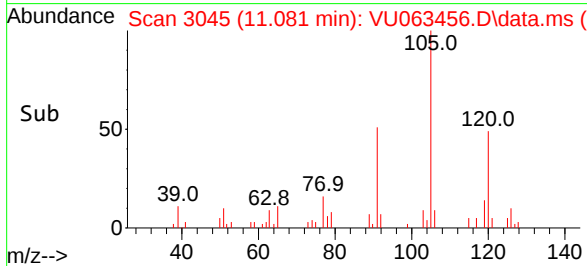
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:105 Resp: 1121
Ion Ratio Lower Upper
105 100
120 48.0 37.0 55.4

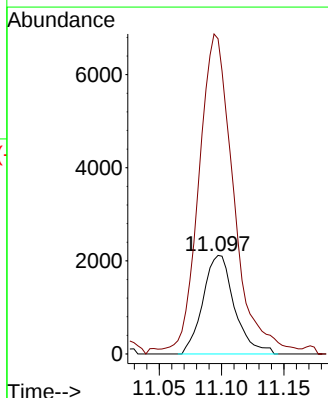
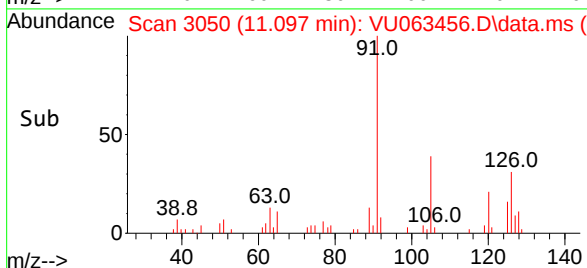
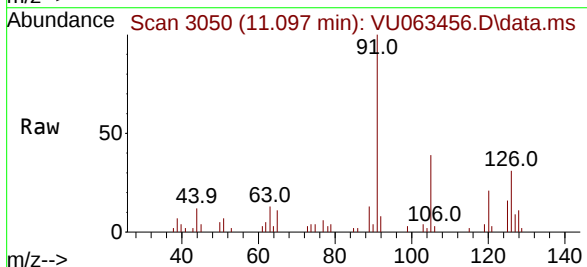
Manual Integrations
APPROVED

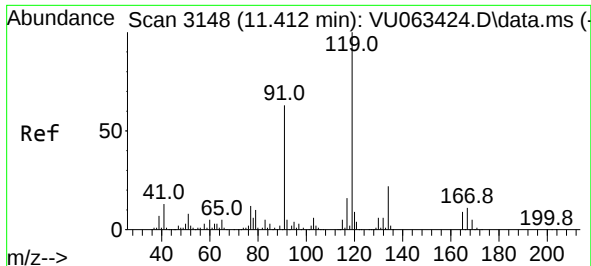
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#76
4-Chlorotoluene
Concen: 0.251 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.010 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

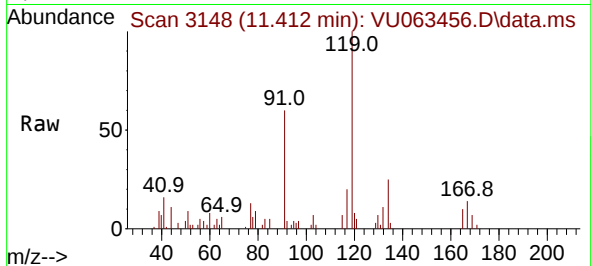
Tgt Ion:126 Resp: 3709
Ion Ratio Lower Upper
126 100
91 343.8 0.0 713.2





#77
tert-Butylbenzene
Concen: 0.268 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

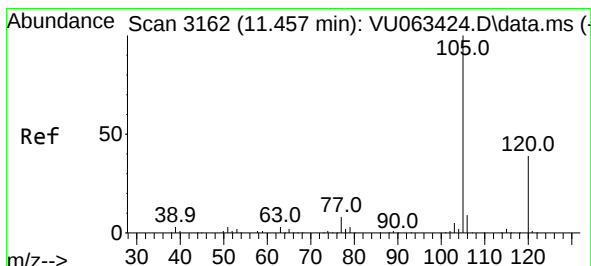
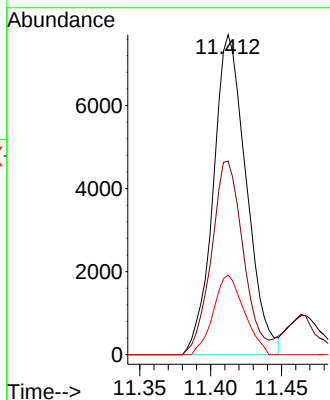
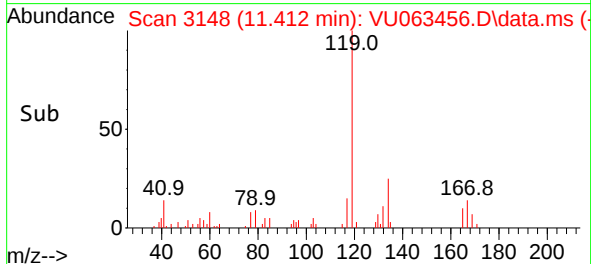
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



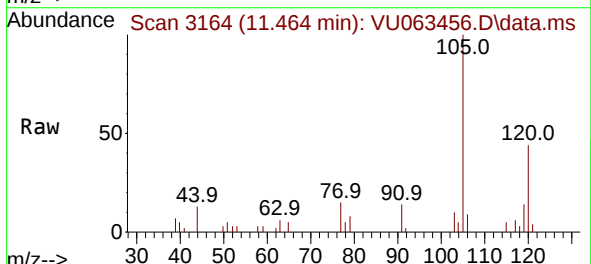
Tgt Ion:119 Resp: 1251
Ion Ratio Lower Upper
119 100
91 58.2 30.9 92.7
134 23.2 17.9 26.9

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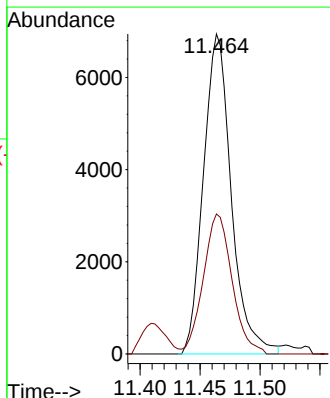
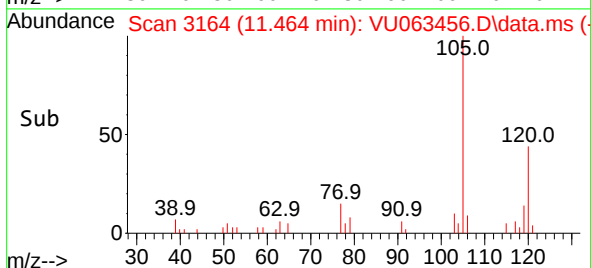
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

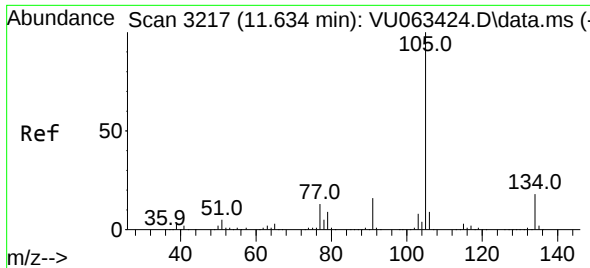


#78
1,2,4-Trimethylbenzene
Concen: 0.225 ug/l
RT: 11.464 min Scan# 3164
Delta R.T. 0.007 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33



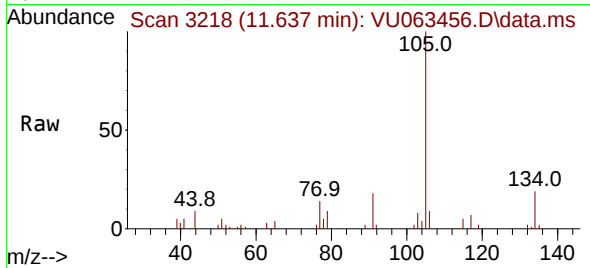
Tgt Ion:105 Resp: 11222
Ion Ratio Lower Upper
105 100
120 45.1 22.1 66.5





#79
 sec-Butylbenzene
 Concen: 0.232 ug/l
 RT: 11.637 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063456.D
 Acq: 25 Jun 2025 13:33

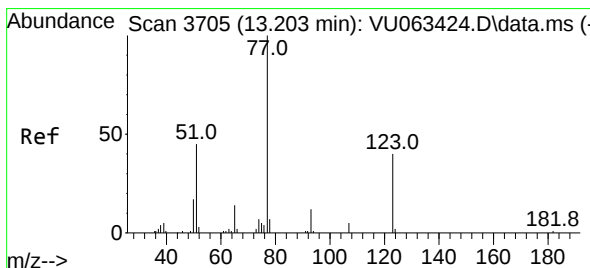
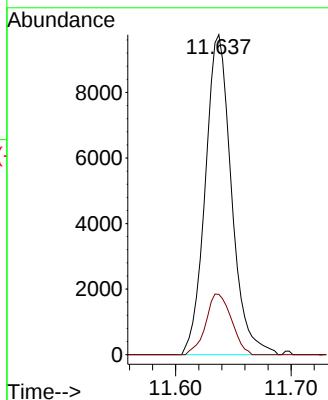
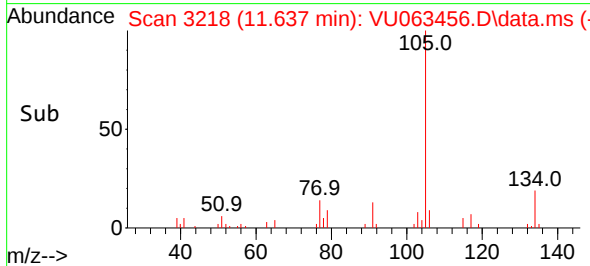
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025



Tgt Ion:105 Resp: 1538
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.8 22.2

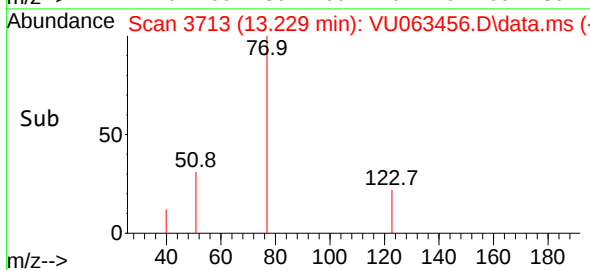
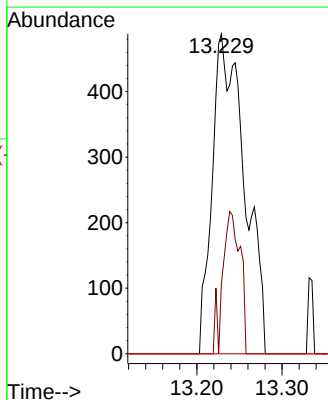
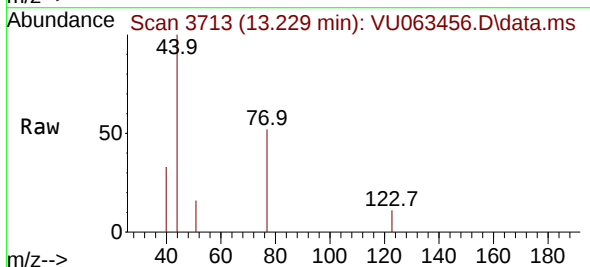
Manual Integrations
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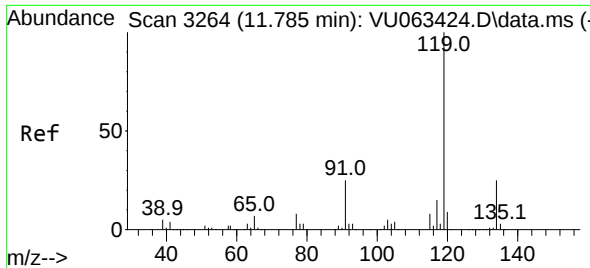
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#80
 Nitrobenzene
 Concen: 1.900 ug/l m
 RT: 13.229 min Scan# 3713
 Delta R.T. 0.026 min
 Lab File: VU063456.D
 Acq: 25 Jun 2025 13:33

Tgt Ion: 77 Resp: 1282
 Ion Ratio Lower Upper
 77 100
 123 24.2 19.6 69.6
 65 0.0 10.6 13.4#





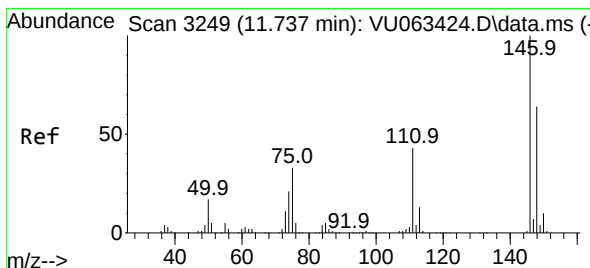
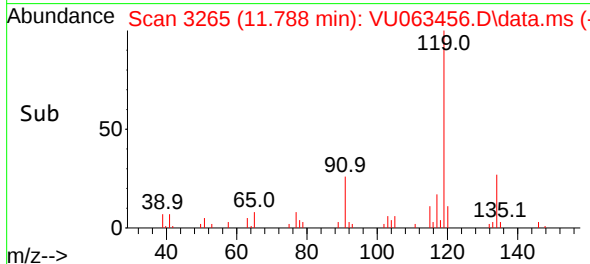
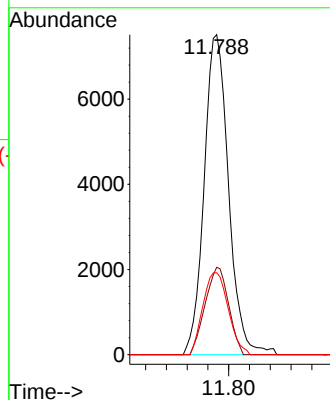
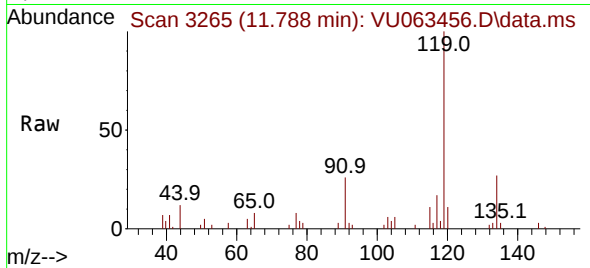
#81
p-Isopropyltoluene
Concen: 0.237 ug/l
RT: 11.788 min Scan# 3127
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion:119 Resp: 1227
Ion Ratio Lower Upper
119 100
134 26.1 20.2 30.2
91 26.5 19.7 29.5

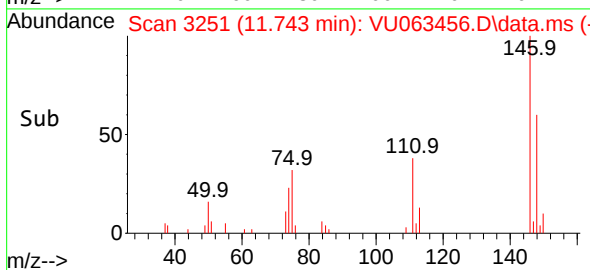
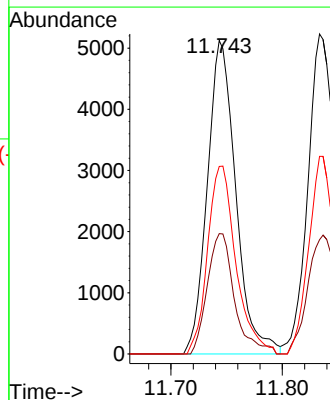
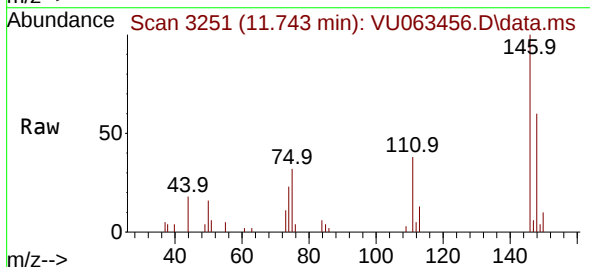
Manual Integrations
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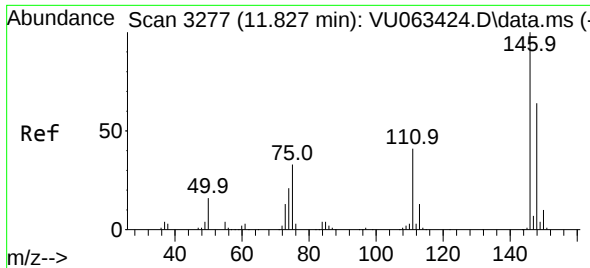
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#82
1,3-Dichlorobenzene
Concen: 0.307 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

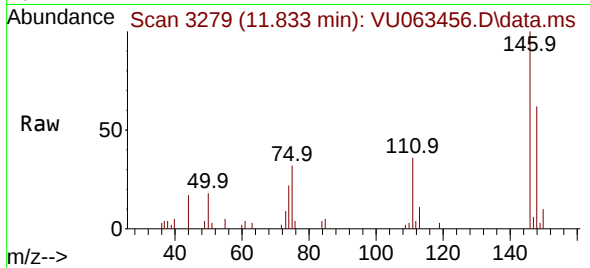
Tgt Ion:146 Resp: 9104
Ion Ratio Lower Upper
146 100
111 36.7 34.3 51.5
148 59.6 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.319 ug/l m
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

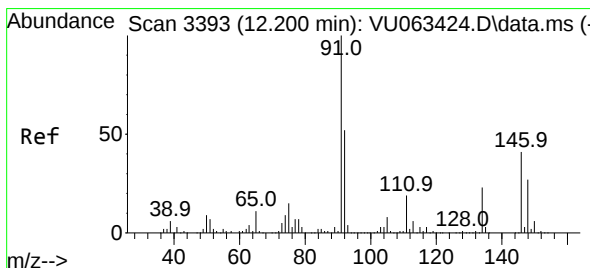
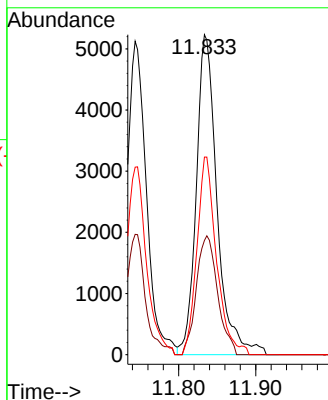
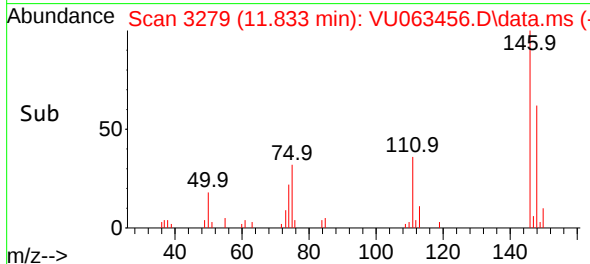
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:146 Resp: 9800
Ion Ratio Lower Upper
146 100
111 38.1 31.7 47.5
148 58.4 51.4 77.0

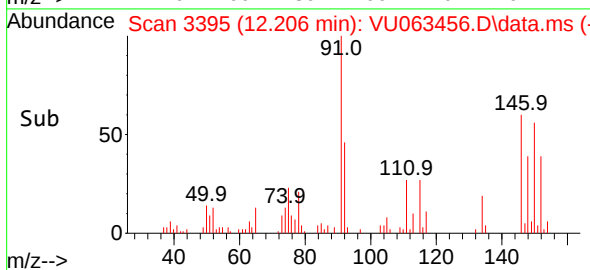
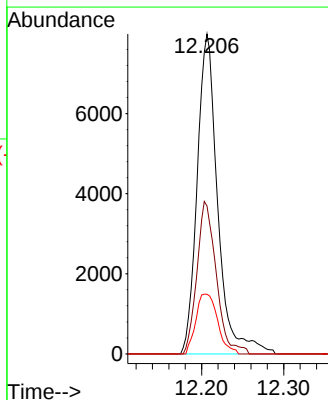
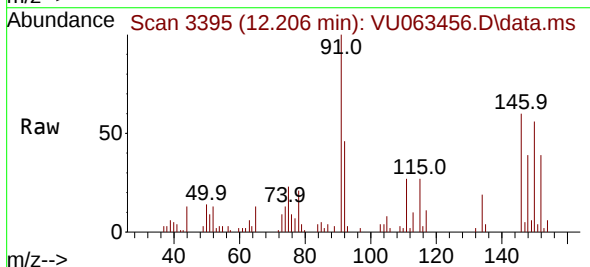
Manual Integrations
APPROVED

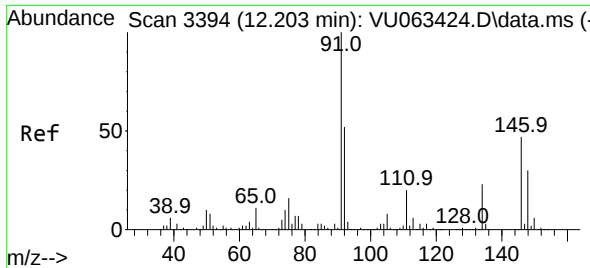
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#84
n-Butylbenzene
Concen: 0.256 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

Tgt Ion: 91 Resp: 13874
Ion Ratio Lower Upper
91 100
92 44.9 41.0 61.6
134 19.8 18.5 27.7





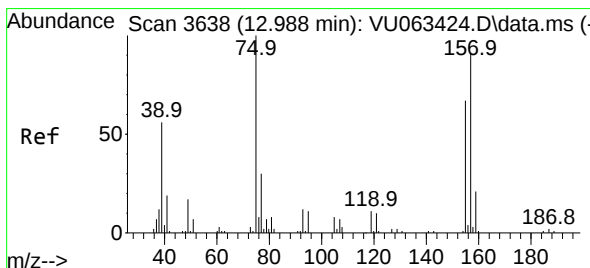
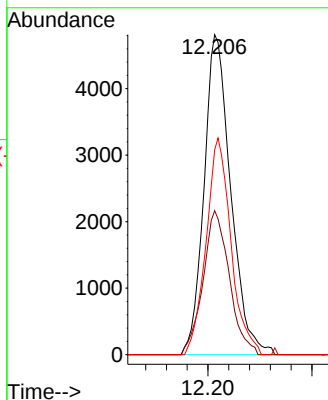
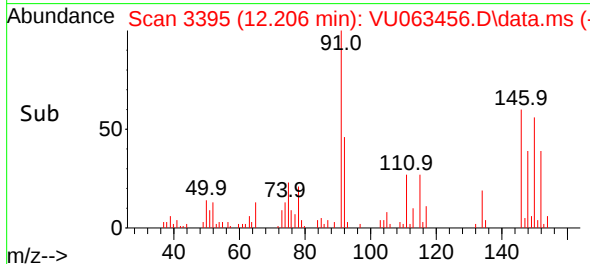
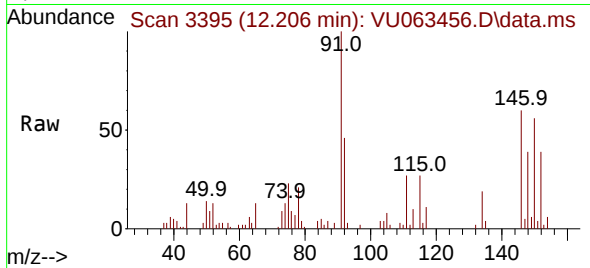
#85
1,2-Dichlorobenzene
Concen: 0.303 ug/l
RT: 12.206 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:146 Resp: 8572
Ion Ratio Lower Upper
146 100
111 44.3 21.8 65.4
148 63.3 32.3 96.9

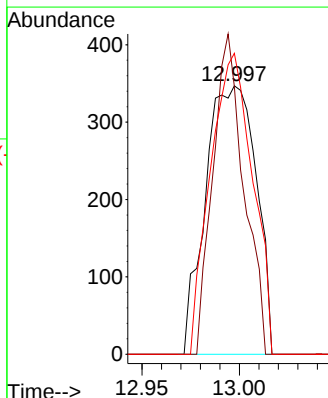
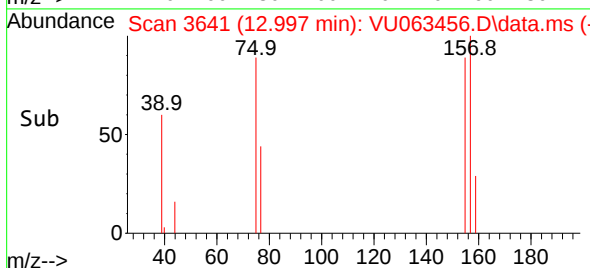
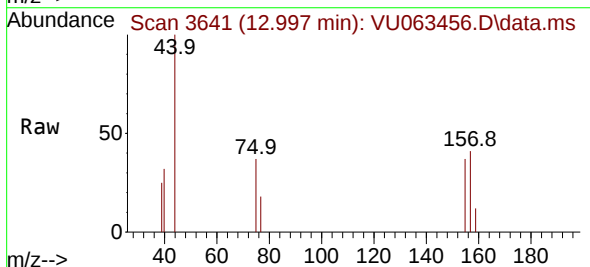
Manual Integrations
APPROVED

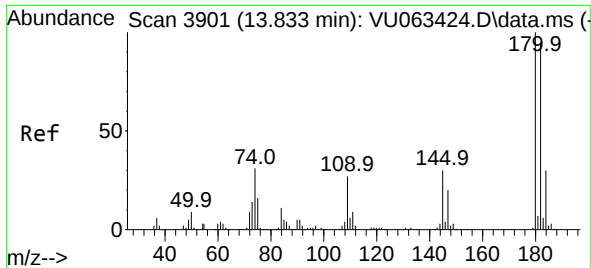
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.307 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.009 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

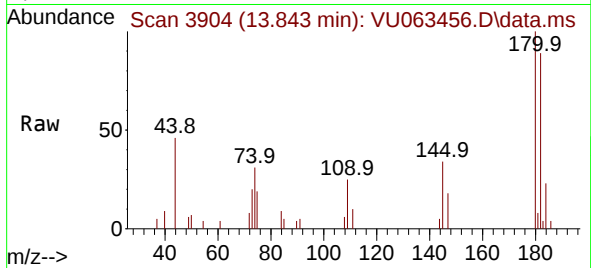
Tgt Ion: 75 Resp: 626
Ion Ratio Lower Upper
75 100
155 73.3 59.7 89.5
157 93.8 75.0 112.4





#87
1,2,4-Trichlorobenzene
Concen: 0.315 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

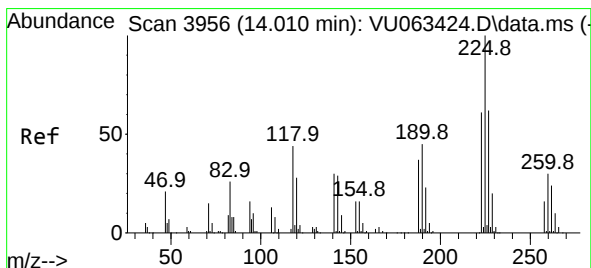
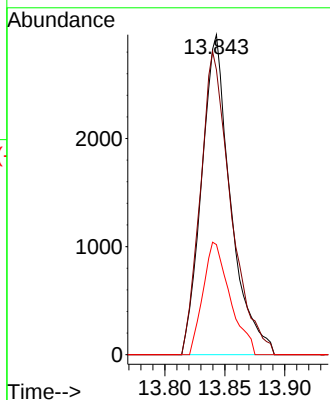
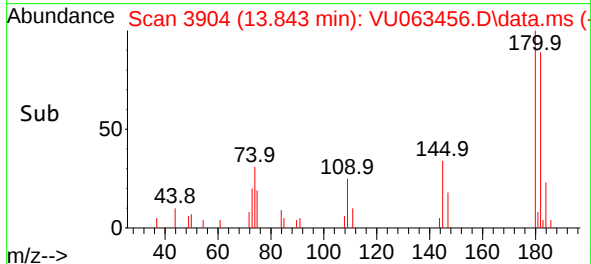
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:180 Resp: 4970
Ion Ratio Lower Upper
180 100
182 99.4 75.6 113.4
145 32.6 24.6 36.8

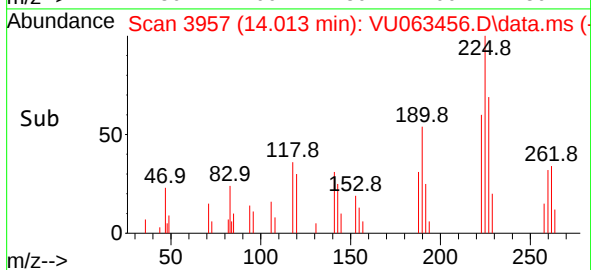
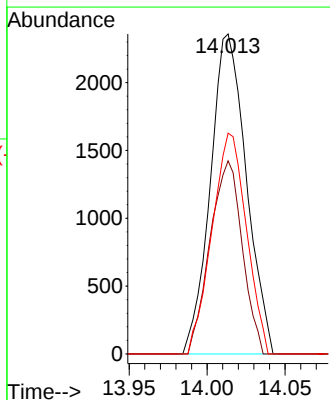
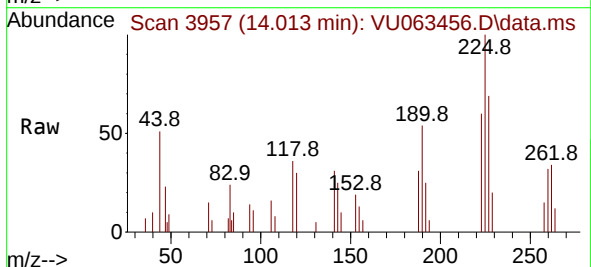
Manual Integrations
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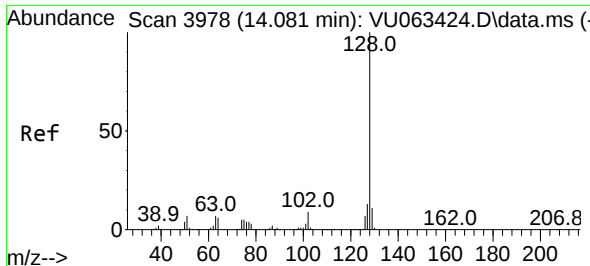
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#88
Hexachlorobutadiene
Concen: 0.337 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

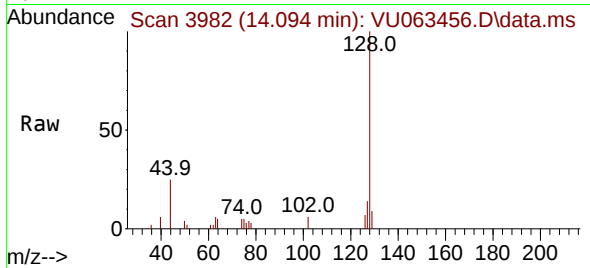
Tgt Ion:225 Resp: 3780
Ion Ratio Lower Upper
225 100
223 54.2 50.0 75.0
227 66.1 51.5 77.3





#89
Naphthalene
Concen: 0.351 ug/l
RT: 14.094 min Scan# 3978
Delta R.T. 0.013 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

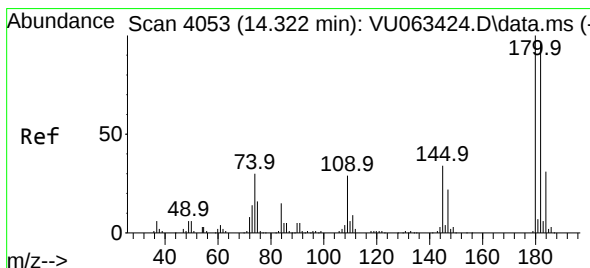
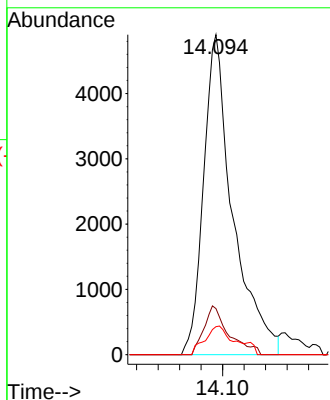
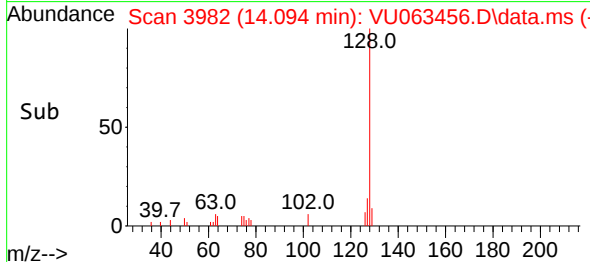
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:128 Resp: 9238
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 9.3 8.7 13.1

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



#90
1,2,3-Trichlorobenzene
Concen: 0.302 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063456.D
Acq: 25 Jun 2025 13:33

Tgt Ion:180 Resp: 4747
Ion Ratio Lower Upper
180 100
182 101.5 76.7 115.1
145 33.7 27.4 41.2

