

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
 Data File : VU063685.D
 Acq On : 07 Nov 2025 14:28
 Operator : MD/SY
 Sample : Q3530-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 08 02:35:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.084	96	57436	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	22359	0.860	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	21489	0.922	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	9351	0.433	ug/l	98
3) Chloromethane	1.509	50	9297	0.457	ug/l	99
4) Vinyl Chloride	1.589	62	9426	0.456	ug/l	97
5) Bromomethane	1.840	94	7145	0.572	ug/l	98
6) Chloroethane	1.914	64	6492	0.512	ug/l	93
7) Trichlorofluoromethane	2.120	101	14478	0.481	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	7931	0.496	ug/l	97
9) 1,1-Dichloroethene	2.557	96	7955	0.514	ug/l	86
10) Iodomethane	2.698	142	6892	0.300	ug/l	99
11) Allyl Chloride	2.894	41	10363	0.429	ug/l	91
12) Acrylonitrile	3.290	53	3386	0.884	ug/l	92
13) Acetone	2.605	43	13494	1.994	ug/l	99
14) Carbon Disulfide	2.766	76	16409	0.376	ug/l	# 94
15) Methylene Chloride	3.013	84	11056	0.555	ug/l	96
16) trans-1,2-Dichloroethene	3.319	96	8948	0.524	ug/l	94
17) 1,1-Dichloroethane	3.830	63	16268	0.481	ug/l	97
18) 2-Butanone	4.692	43	15220	2.121	ug/l	98
19) Cyclohexane	5.341	56	12548	0.485	ug/l	96
20) Methylcyclohexane	6.724	83	14610	0.454	ug/l	97
21) 2,2-Dichloropropane	4.628	77	13345	0.440	ug/l	96
22) cis-1,2-Dichloroethene	4.628	96	9109	0.468	ug/l	97
23) Diethyl Ether	2.361	59	5967	0.470	ug/l	95
24) tert-Butyl Alcohol	3.171	59	10436	4.771	ug/l	# 83
25) Methyl tert-Butyl Ether	3.341	73	21568	0.475	ug/l	99
26) Bromochloromethane	4.936	128	4047	0.493	ug/l	94
27) Chloroform	5.049	83	16627	0.480	ug/l	95
28) 1,1,1-Trichloroethane	5.277	97	14428	0.473	ug/l	94
29) 1,1-Dichloropropene	5.486	75	13243	0.517	ug/l	99
30) Carbon Tetrachloride	5.483	117	10506	0.435	ug/l	93
31) Isopropyl Ether	3.968	45	25716	0.480	ug/l	97
32) Ethyl-t-butyl ether	4.480	59	24910	0.482	ug/l	99
33) Tert-Amyl methyl ether	5.927	73	21634	0.481	ug/l	99
34) Propionitrile	4.756	54	3435	2.449	ug/l	# 90
35) Benzene	5.737	78	35737	0.495	ug/l	97
36) 1,2-Dichloroethane	5.766	62	11519	0.497	ug/l	99
37) Trichloroethene	6.512	130	9594	0.466	ug/l	84
38) 1,2-Dichloropropane	6.766	63	9295	0.460	ug/l	# 88
39) Methacrylonitrile	4.955	41	4734m	0.678	ug/l	
40) Methyl acrylate	4.830	55	4376	0.432	ug/l	# 91
41) Tetrahydrofuran	5.042	42	3895	1.240	ug/l	# 81
42) 1-Chlorobutane	5.422	56	15970	0.465	ug/l	93
43) Dibromomethane	6.894	93	4988	0.477	ug/l	89
44) Bromodichloromethane	7.081	83	9632	0.377	ug/l	97

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 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Nov 08 02:35:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/12/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	27480	2.180	ug/l	97
46) t-1,4-Dichloro-2-butene	10.807	75	3140m	0.718	ug/l	
47) Methyl methacrylate	6.955	69	7634	0.794	ug/l	95
48) Ethyl methacrylate	8.319	69	7950	0.406	ug/l	91
49) Toluene	7.946	92	22177	0.455	ug/l	98
50) t-1,3-Dichloropropene	8.193	75	8296	0.373	ug/l	99
51) cis-1,3-Dichloropropene	7.586	75	11068	0.398	ug/l	98
52) 1,1,2-Trichloroethane	8.380	97	6651	0.468	ug/l	97
53) 1,3-Dichloropropane	8.550	76	11081	0.436	ug/l	91
54) 2-Hexanone	8.682	43	20088	1.887	ug/l	93
55) Dibromochloromethane	8.785	129	5801	0.347	ug/l	98
56) 1,2-Dibromoethane	8.904	107	5475	0.405	ug/l	95
58) Tetrachloroethene	8.524	164	9361	0.465	ug/l	95
59) Chlorobenzene	9.425	112	23960	0.454	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.508	131	7270	0.393	ug/l	99
61) Pentachloroethane	11.402	117	4612	0.360	ug/l	97
62) Hexachloroethane	12.447	117	4141	0.294	ug/l	96
63) Ethyl Benzene	9.547	91	43427	0.454	ug/l	96
64) m/p-Xylenes	9.672	106	32182	0.901	ug/l	98
65) o-Xylene	10.077	106	14975	0.428	ug/l	96
66) Styrene	10.097	104	24790	0.437	ug/l	97
67) Bromoform	10.267	173	3074	0.340	ug/l #	91
69) Isopropylbenzene	10.460	105	38745	0.448	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.759	83	7905	0.443	ug/l	98
71) 1,2,3-Trichloropropane	10.794	75	6633m	0.427	ug/l	
72) Bromobenzene	10.759	156	9745	0.466	ug/l	86
73) n-propylbenzene	10.885	120	11225	0.457	ug/l	94
74) 2-Chlorotoluene	10.965	126	9682	0.455	ug/l	97
75) 1,3,5-Trimethylbenzene	11.065	105	34415	0.431	ug/l	99
76) 4-Chlorotoluene	11.077	126	10240	0.479	ug/l	91
77) tert-Butylbenzene	11.393	119	34493	0.441	ug/l	98
78) 1,2,4-Trimethylbenzene	11.444	105	35497	0.463	ug/l	93
79) sec-Butylbenzene	11.618	105	45974	0.446	ug/l	100
80) Nitrobenzene	13.200	77	972m	1.548	ug/l	
81) p-Isopropyltoluene	11.769	119	37524	0.445	ug/l	98
82) 1,3-Dichlorobenzene	11.724	146	19870	0.491	ug/l	99
83) 1,4-Dichlorobenzene	11.817	146	20843	0.518	ug/l	97
84) n-Butylbenzene	12.187	91	36115	0.478	ug/l	95
85) 1,2-Dichlorobenzene	12.190	146	18329	0.479	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.965	75	816	0.276	ug/l	92
87) 1,2,4-Trichlorobenzene	13.820	180	12355	0.524	ug/l	99
88) Hexachlorobutadiene	13.994	225	7029	0.501	ug/l	96
89) Naphthalene	14.068	128	25118	0.553	ug/l	98
90) 1,2,3-Trichlorobenzene	14.306	180	11697	0.542	ug/l	95

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

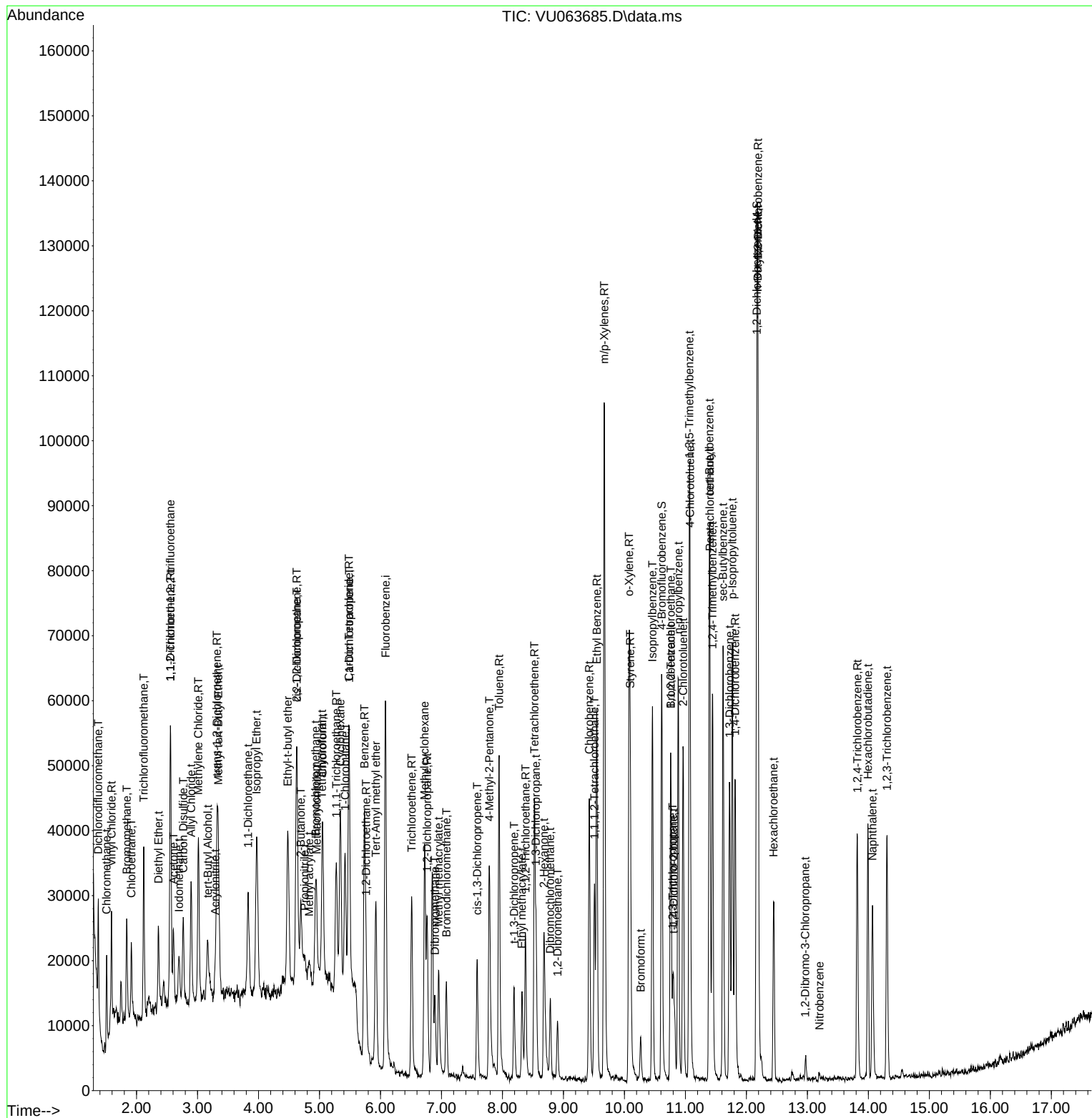
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
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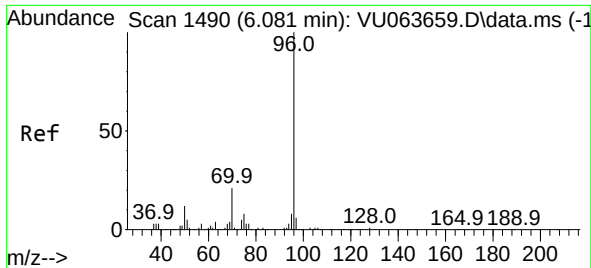
Instrument :
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 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Nov 08 02:35:04 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Manual Integrations APPROVED

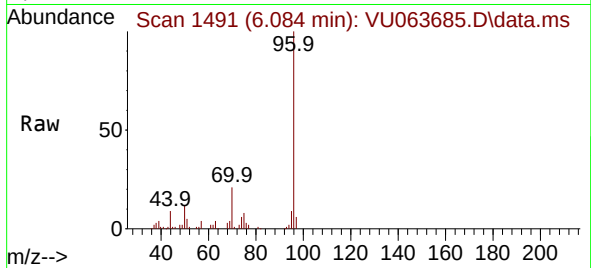
Reviewed By : John Carlone 11/12/2025
 Supervised By : Mahesh Dadoda 11/12/2025





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.084 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

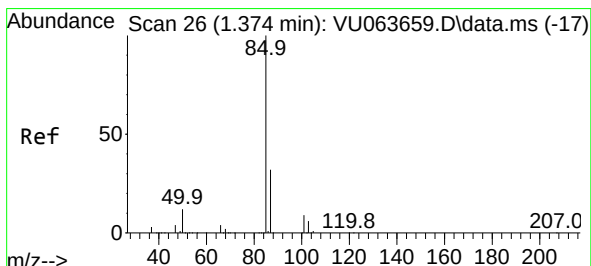
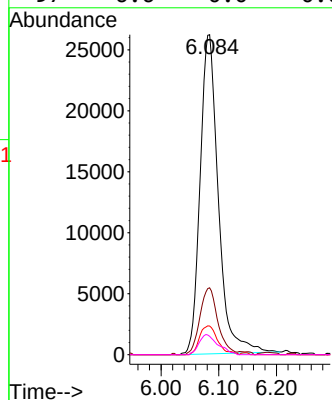
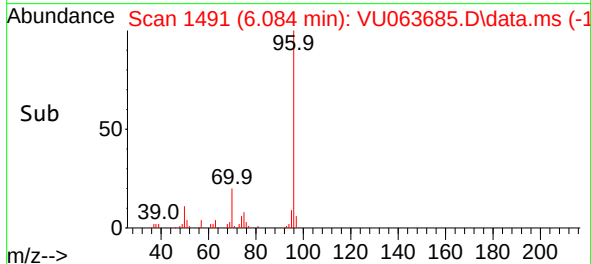
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025



Tgt Ion: 96 Resp: 57430
Ion Ratio Lower Upper
96 100
70 19.6 15.3 22.9
95 9.0 6.5 9.7
97 6.6 0.0 0.0#

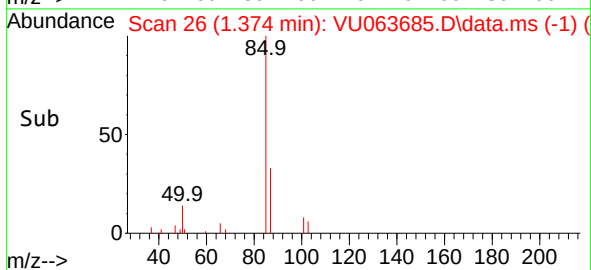
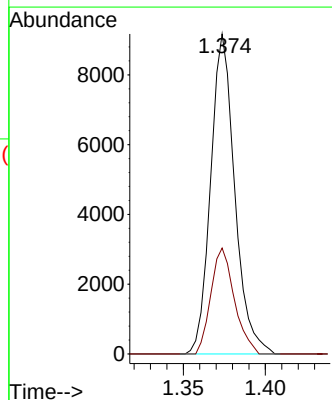
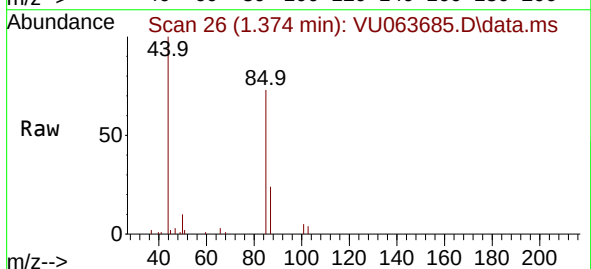
Manual Integrations
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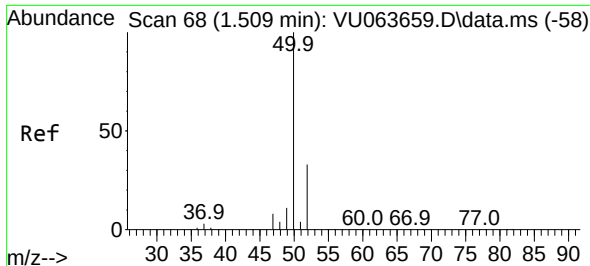
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#2
Dichlorodifluoromethane
Concen: 0.433 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

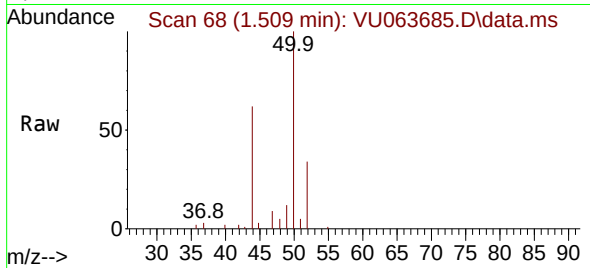
Tgt Ion: 85 Resp: 9351
Ion Ratio Lower Upper
85 100
87 33.1 16.0 47.9





#3
Chloromethane
Concen: 0.457 ug/l
RT: 1.509 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

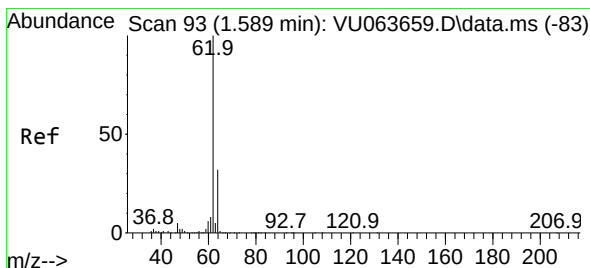
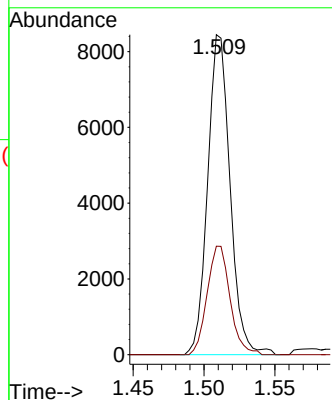
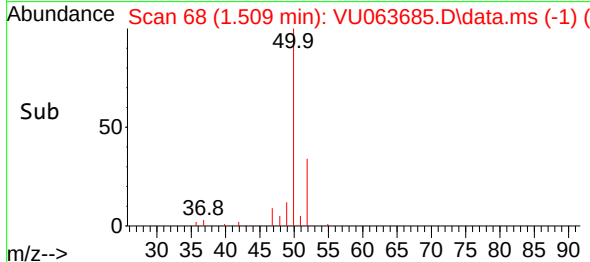
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 50 Resp: 929
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0

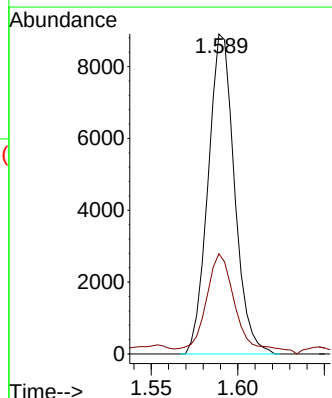
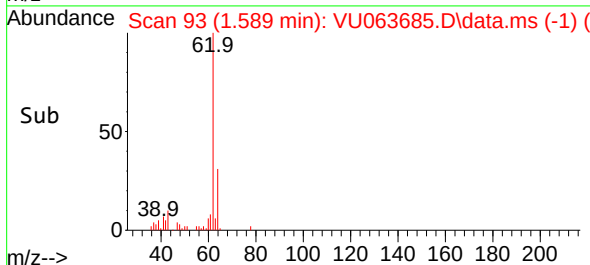
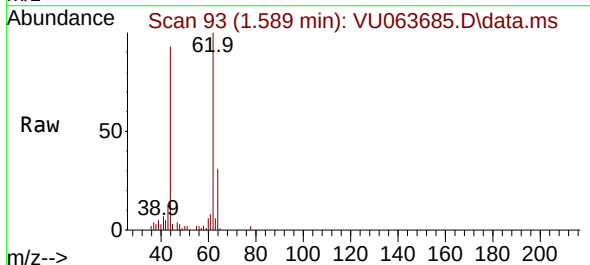
Manual Integrations
APPROVED

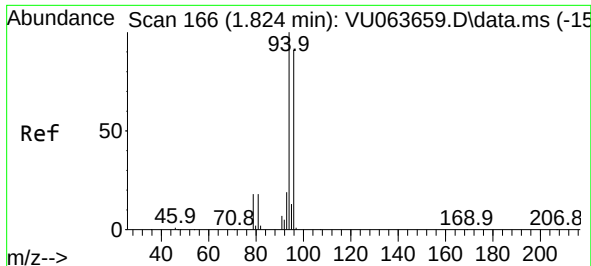
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#4
Vinyl Chloride
Concen: 0.456 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

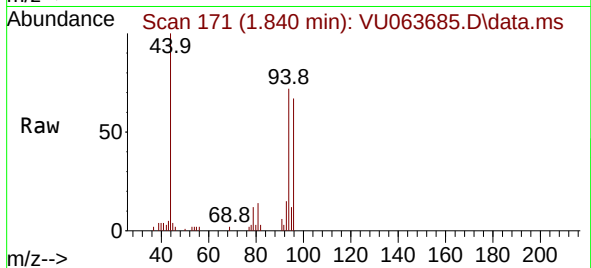
Tgt Ion: 62 Resp: 9426
Ion Ratio Lower Upper
62 100
64 29.7 25.2 37.8





#5
Bromomethane
Concen: 0.572 ug/l
RT: 1.840 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

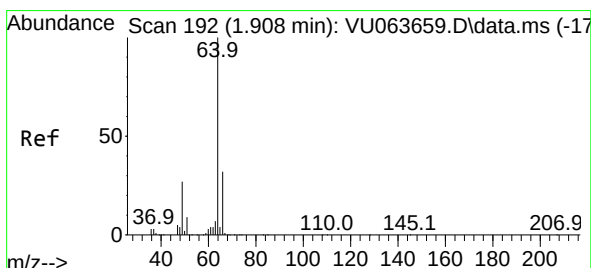
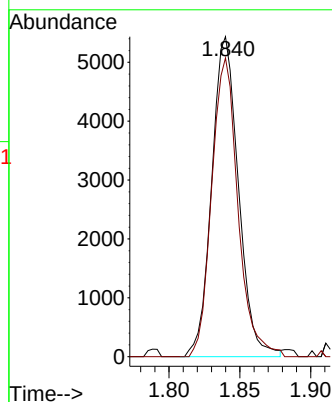
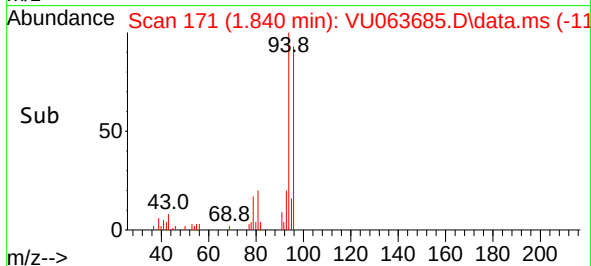
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 94 Resp: 714
Ion Ratio Lower Upper
94 100
96 93.4 73.0 109.6

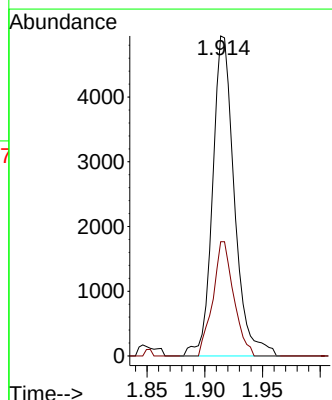
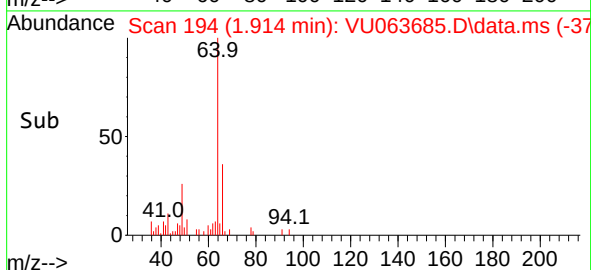
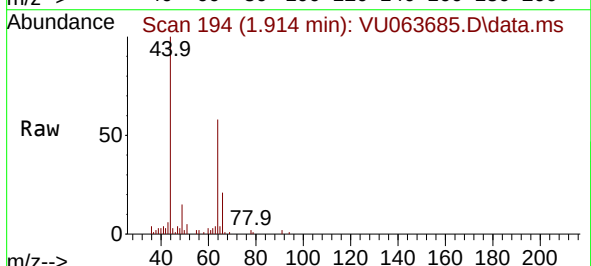
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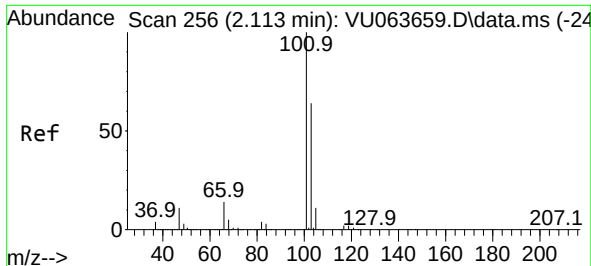
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#6
Chloroethane
Concen: 0.512 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

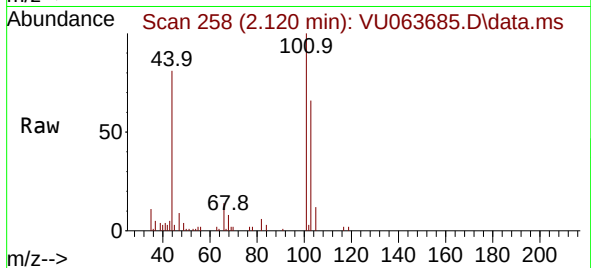
Tgt Ion: 64 Resp: 6492
Ion Ratio Lower Upper
64 100
66 35.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 0.481 ug/l
RT: 2.120 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

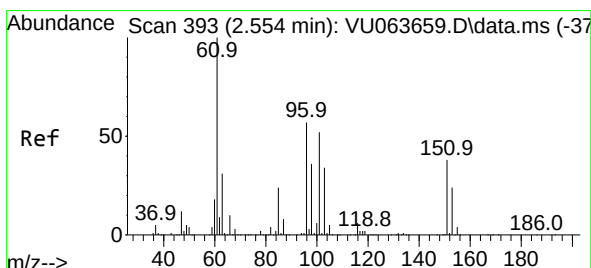
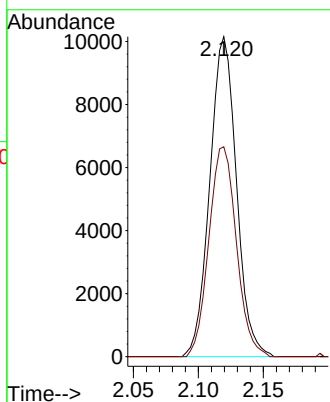
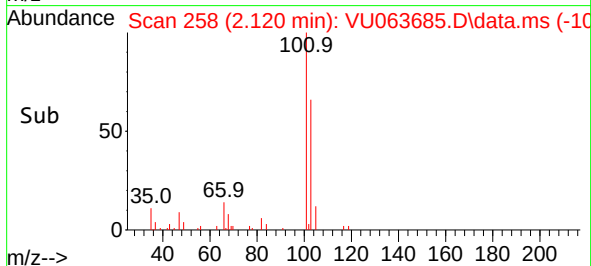
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:101 Resp: 14478
Ion Ratio Lower Upper
101 100
103 65.6 51.0 76.6

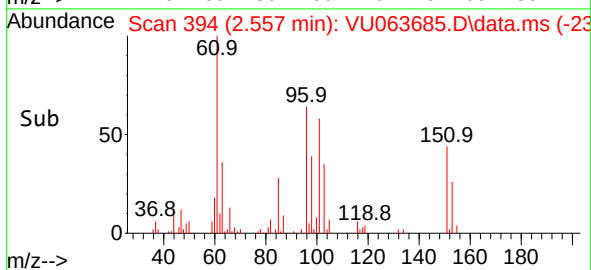
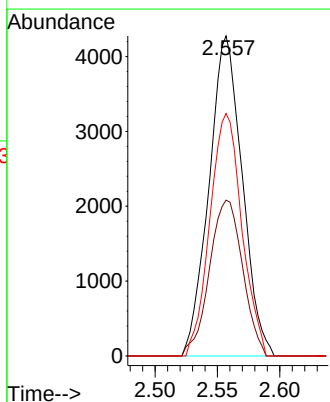
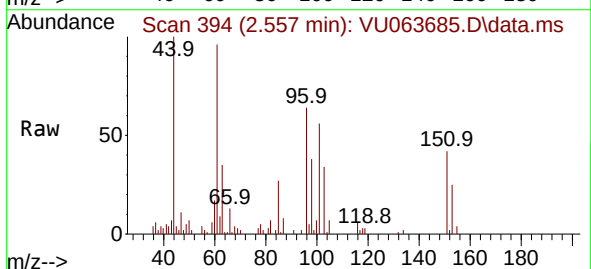
Manual Integrations
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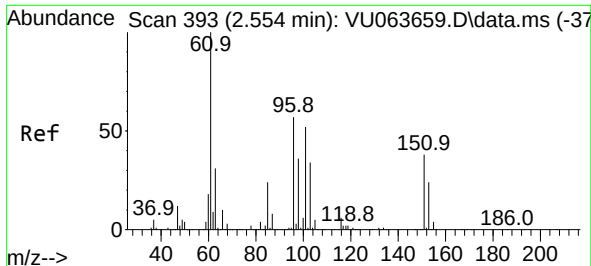
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.496 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion:101 Resp: 7931
Ion Ratio Lower Upper
101 100
85 48.6 37.0 55.4
151 73.1 57.2 85.8





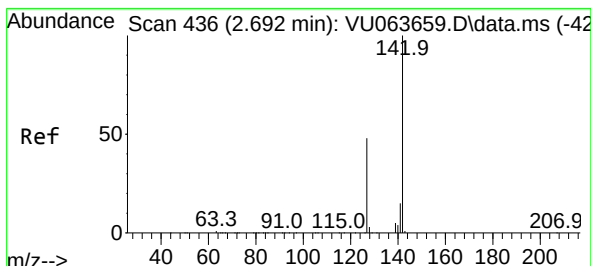
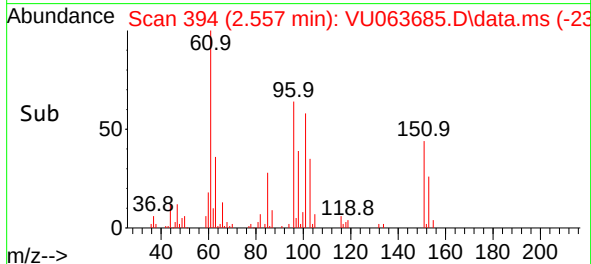
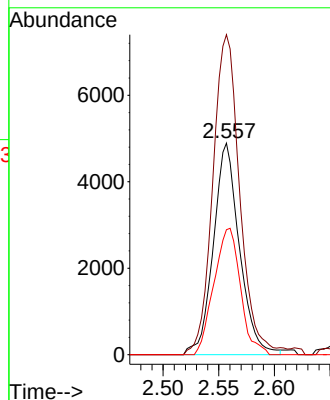
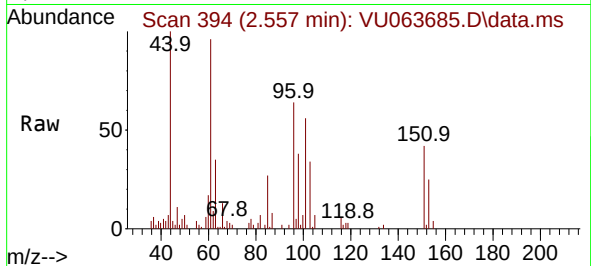
#9
1,1-Dichloroethene
Concen: 0.514 ug/l
RT: 2.557 min Scan# 393
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

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

Tgt Ion: 96 Resp: 795
Ion Ratio Lower Upper
96 100
61 151.3 0.0 524.7
98 59.1 0.0 126.8

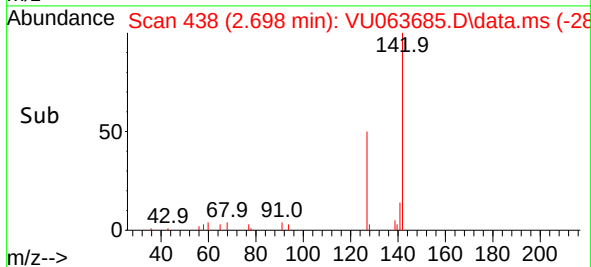
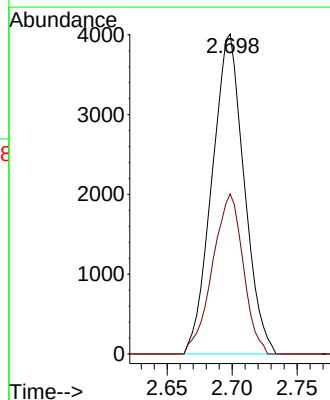
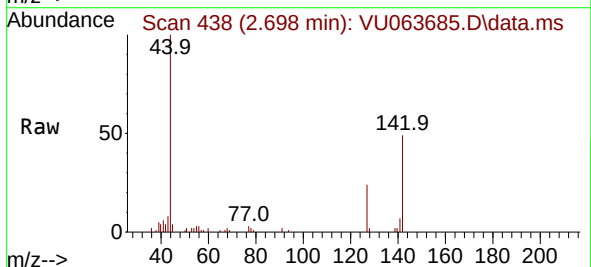
Manual Integrations
APPROVED

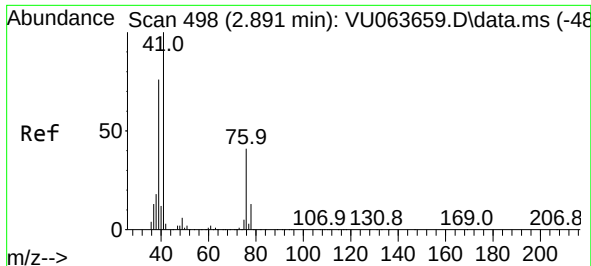
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Iodomethane
Concen: 0.300 ug/l
RT: 2.698 min Scan# 438
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

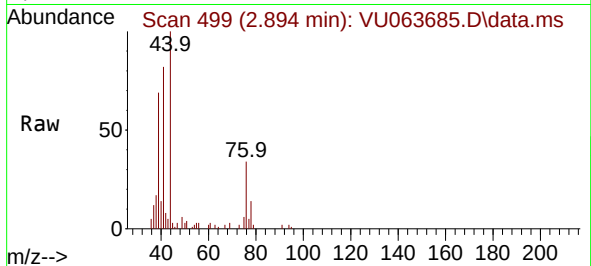
Tgt Ion:142 Resp: 6892
Ion Ratio Lower Upper
142 100
127 47.8 38.6 58.0





#11
 Allyl Chloride
 Concen: 0.429 ug/l
 RT: 2.894 min Scan# 498
 Delta R.T. 0.003 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

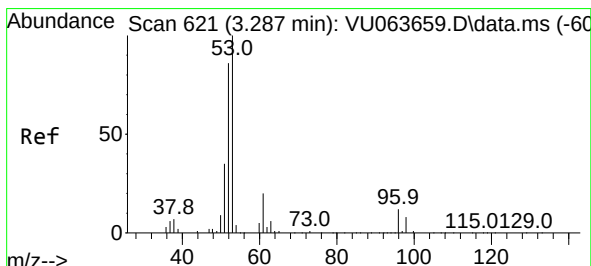
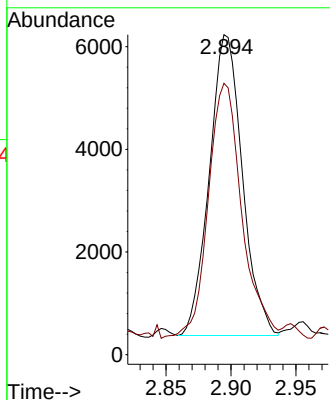
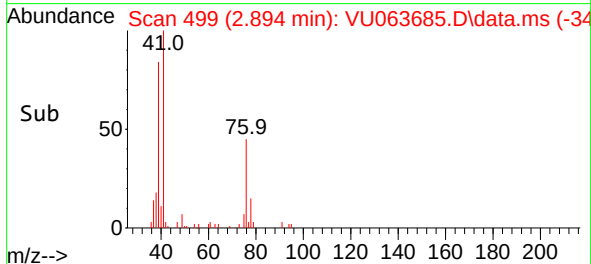
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2025



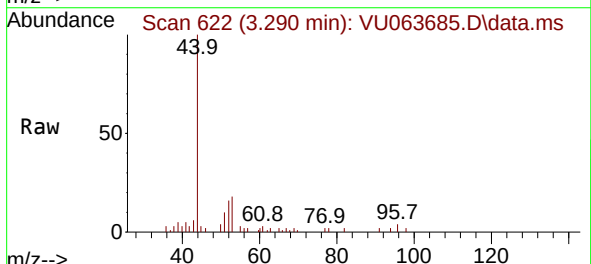
Tgt Ion: 41 Resp: 1036
 Ion Ratio Lower Upper
 41 100
 39 84.2 61.0 91.4

Manual Integrations
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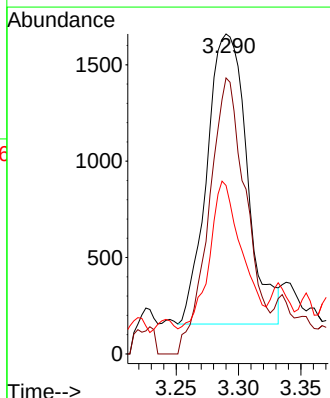
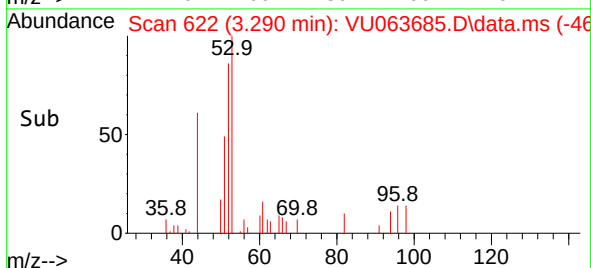
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

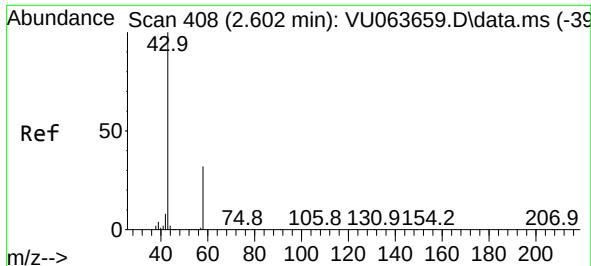


#12
 Acrylonitrile
 Concen: 0.884 ug/l
 RT: 3.290 min Scan# 622
 Delta R.T. 0.003 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28



Tgt Ion: 53 Resp: 3386
 Ion Ratio Lower Upper
 53 100
 52 88.7 65.4 98.0
 51 39.7 27.6 41.4





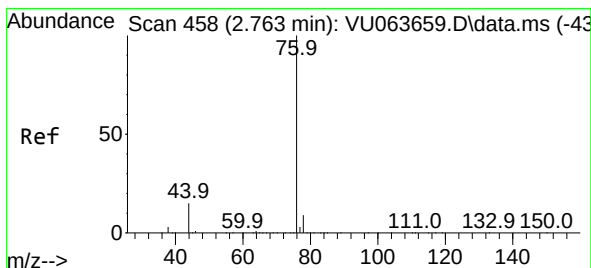
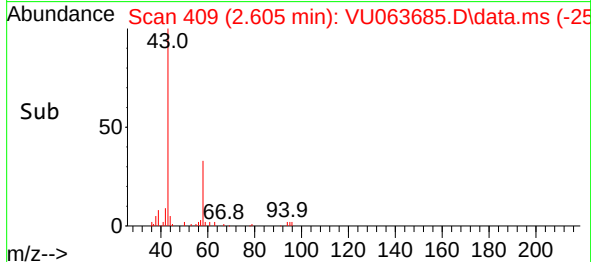
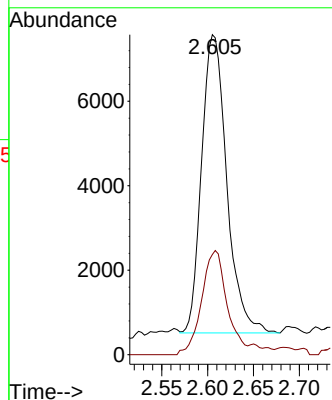
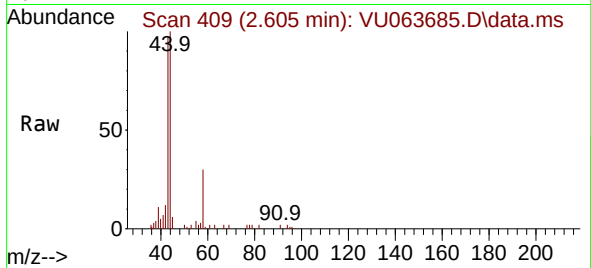
#13
Acetone
Concen: 1.994 ug/l
RT: 2.605 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

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

Tgt Ion: 43 Resp: 13494
Ion Ratio Lower Upper
43 100
58 32.2 25.2 37.8

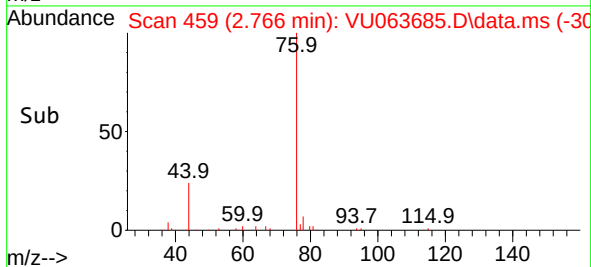
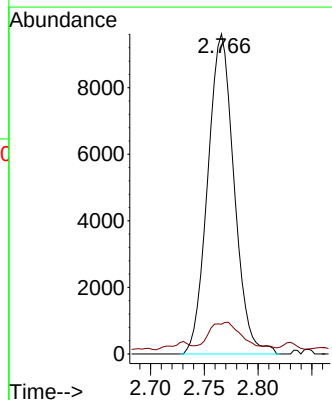
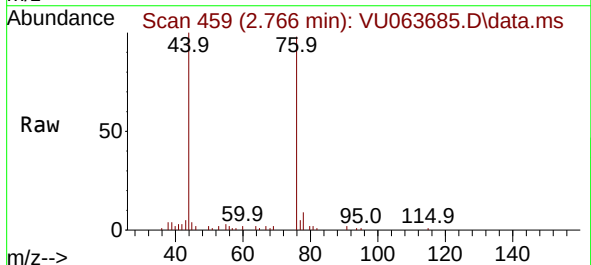
Manual Integrations
APPROVED

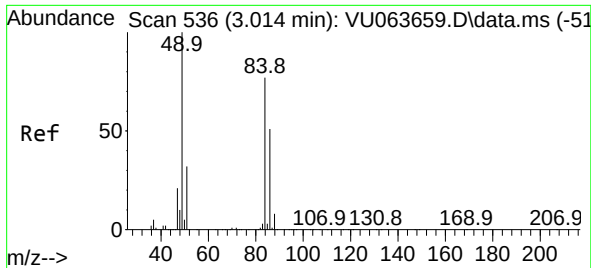
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#14
Carbon Disulfide
Concen: 0.376 ug/l
RT: 2.766 min Scan# 459
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

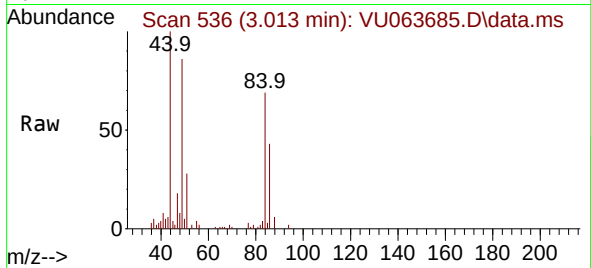
Tgt Ion: 76 Resp: 16409
Ion Ratio Lower Upper
76 100
78 7.2 7.5 11.3#





#15
Methylene Chloride
Concen: 0.555 ug/l
RT: 3.013 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

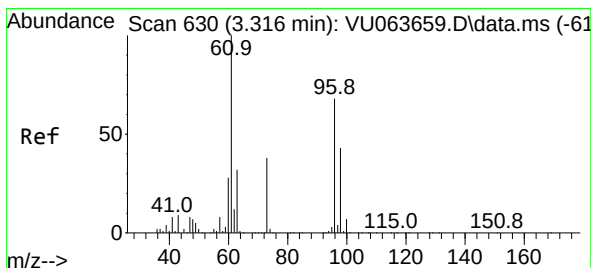
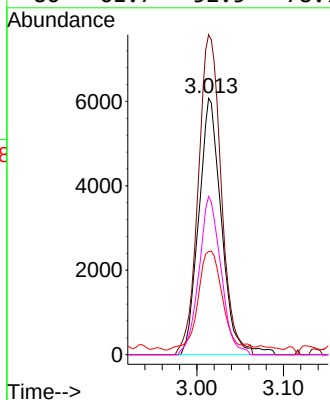
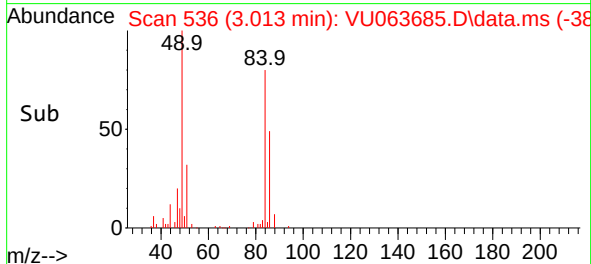
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 84 Resp: 11050
Ion Ratio Lower Upper
84 100
49 124.8 103.4 155.0
51 37.7 0.0 81.6
86 61.7 52.5 78.7

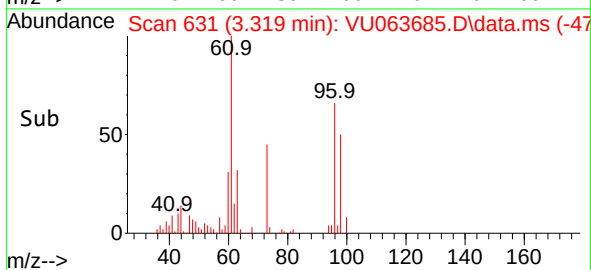
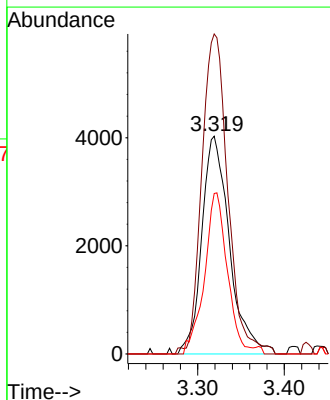
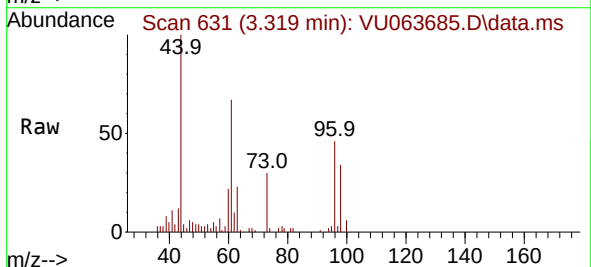
Manual Integrations
APPROVED

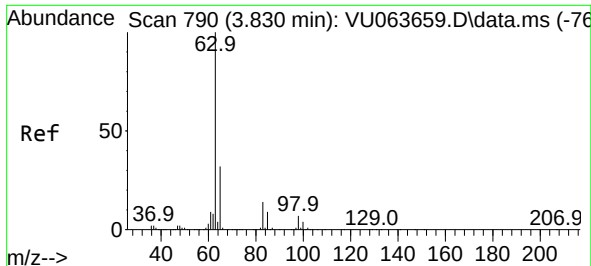
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
trans-1,2-Dichloroethene
Concen: 0.524 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

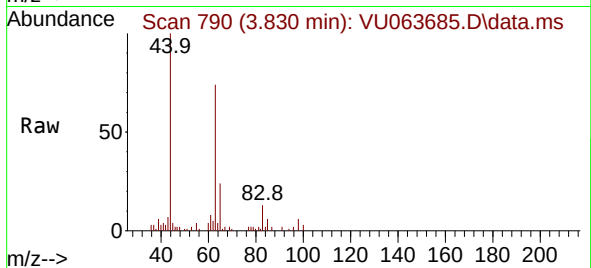
Tgt Ion: 96 Resp: 8948
Ion Ratio Lower Upper
96 100
61 144.5 117.4 176.2
98 73.7 49.9 74.9





#17
 1,1-Dichloroethane
 Concen: 0.481 ug/l
 RT: 3.830 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

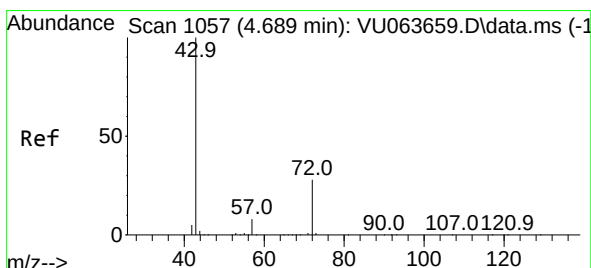
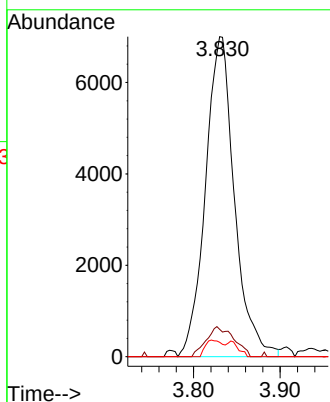
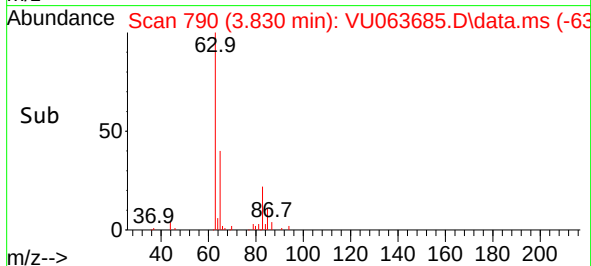
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT4-2025



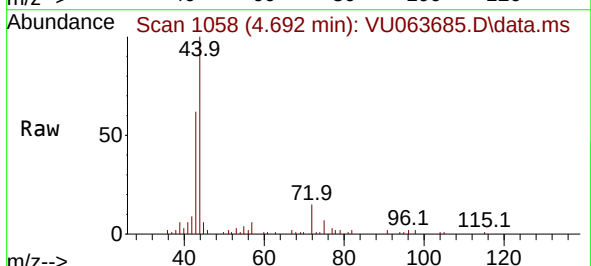
Tgt Ion: 63 Resp: 1626
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.5
 100 4.5 2.2 6.6

Manual Integrations
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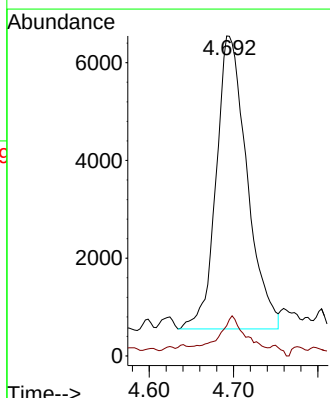
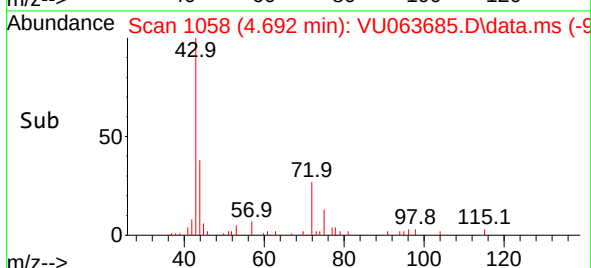
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

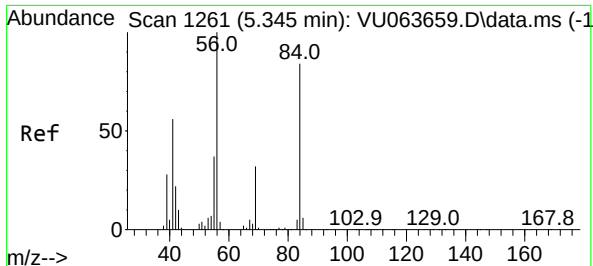


#18
 2-Butanone
 Concen: 2.121 ug/l
 RT: 4.692 min Scan# 1058
 Delta R.T. 0.003 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28



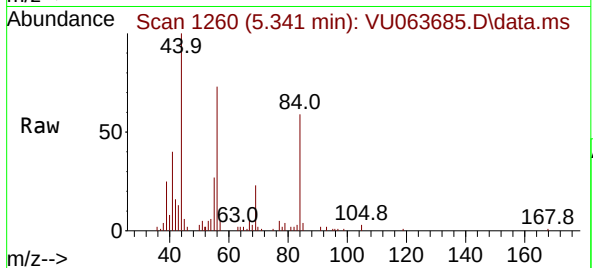
Tgt Ion: 43 Resp: 15220
 Ion Ratio Lower Upper
 43 100
 57 7.4 0.0 16.6





#19
Cyclohexane
Concen: 0.485 ug/l
RT: 5.341 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

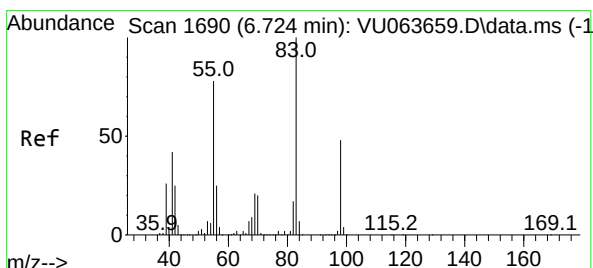
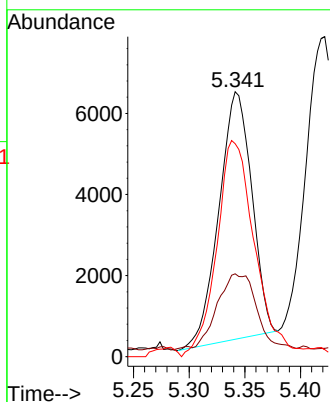
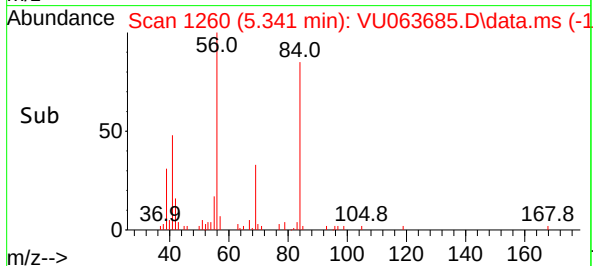
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 56 Resp: 12548
Ion Ratio Lower Upper
56 100
69 34.8 27.1 40.7
84 95.9 73.4 110.0

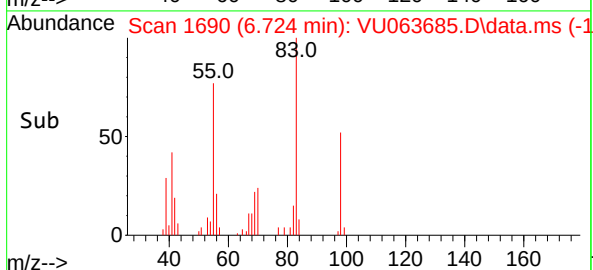
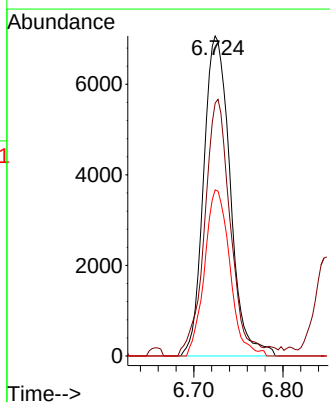
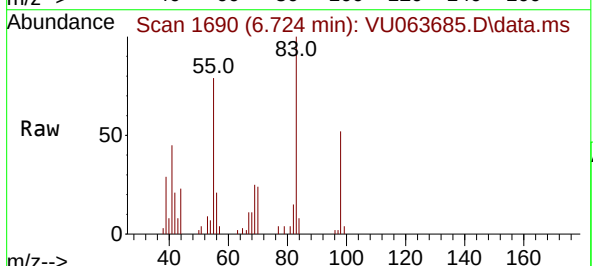
Manual Integrations
APPROVED

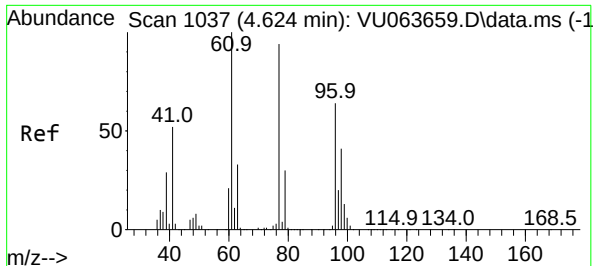
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#20
Methylcyclohexane
Concen: 0.454 ug/l
RT: 6.724 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion: 83 Resp: 14610
Ion Ratio Lower Upper
83 100
55 74.2 61.5 92.3
98 49.5 37.9 56.9





#21

2,2-Dichloropropane

Concen: 0.440 ug/l

RT: 4.628 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 77 Resp: 1334

Ion Ratio Lower Upper

77 100

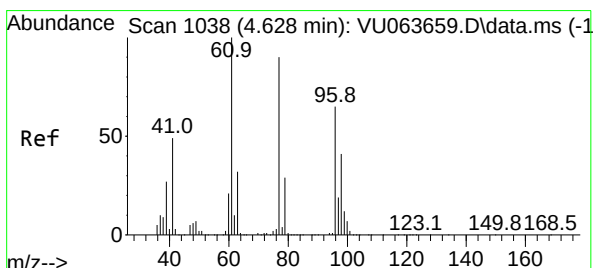
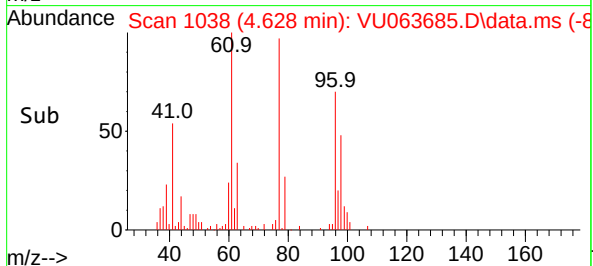
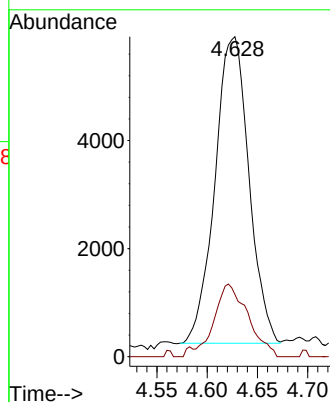
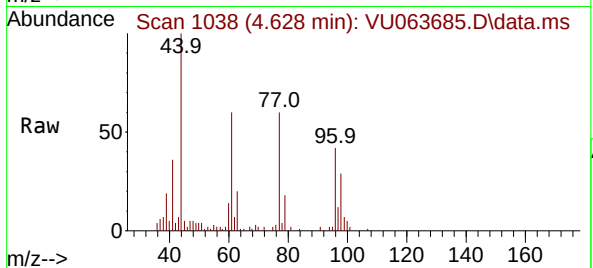
97 23.4 17.1 25.7

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#22

cis-1,2-Dichloroethene

Concen: 0.468 ug/l

RT: 4.628 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

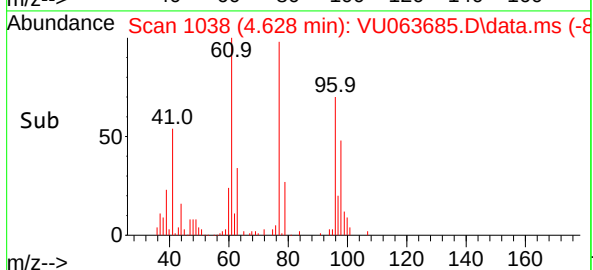
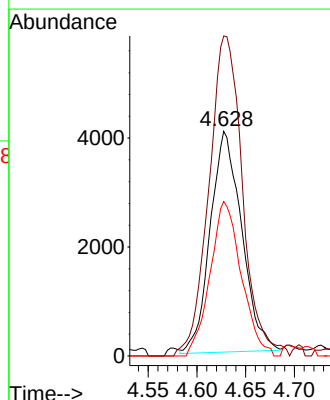
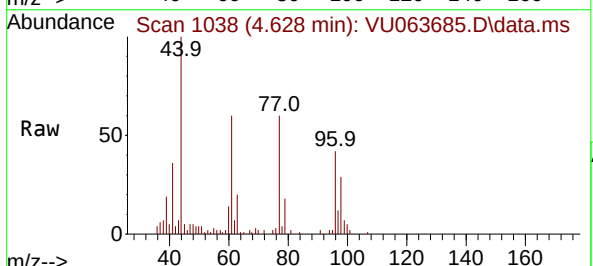
Tgt Ion: 96 Resp: 9109

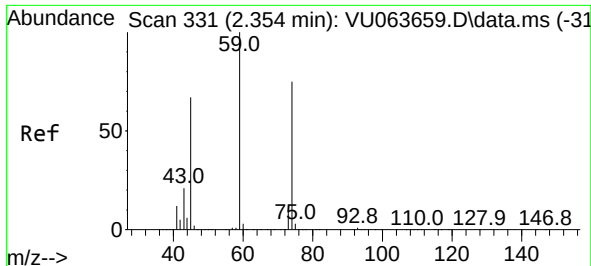
Ion Ratio Lower Upper

96 100

61 154.5 0.0 385.0

98 69.2 31.3 93.9





#23

Diethyl Ether

Concen: 0.470 ug/l

RT: 2.361 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063685.D

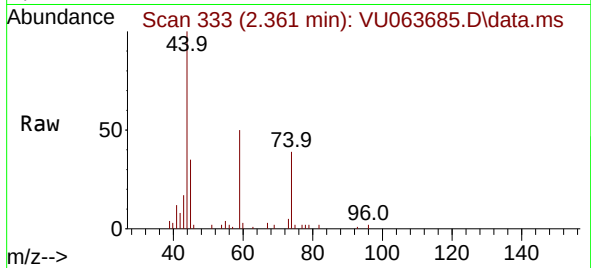
Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025



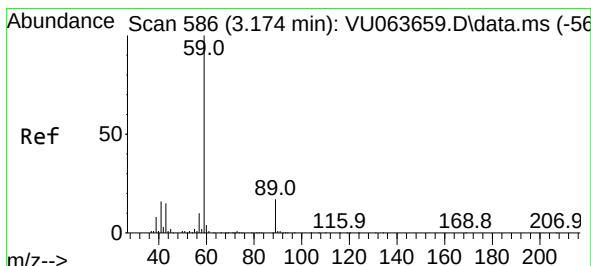
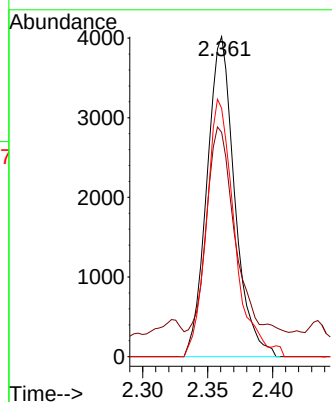
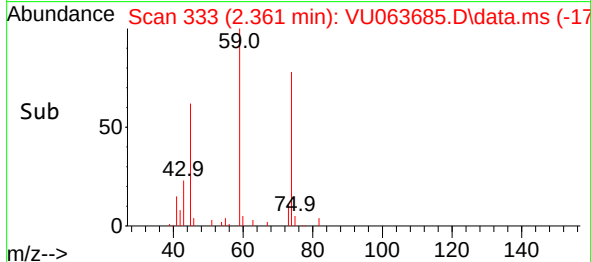
Tgt Ion:	59	Resp:	596
Ion	Ratio	Lower	Upper
59	100		
45	64.4	52.6	78.8
74	81.5	59.4	89.2

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#24

tert-Butyl Alcohol

Concen: 4.771 ug/l

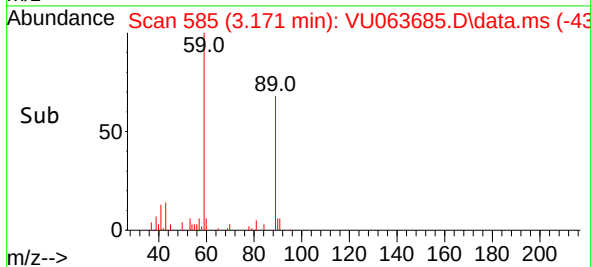
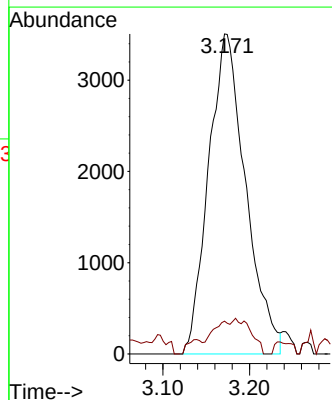
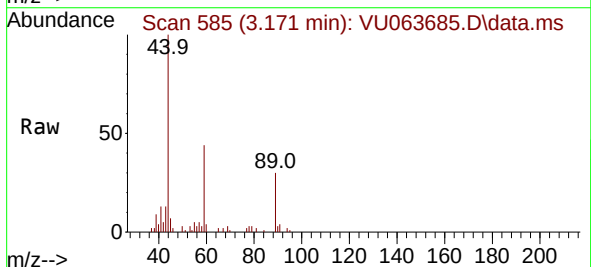
RT: 3.171 min Scan# 585

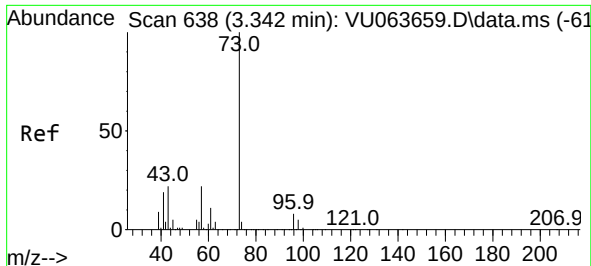
Delta R.T. -0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

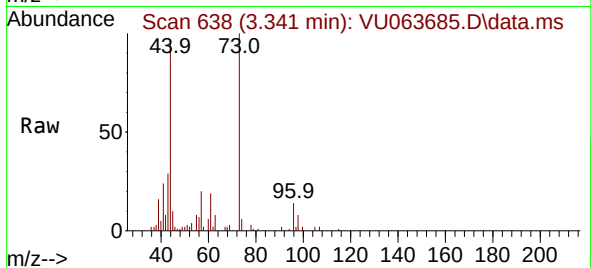
Tgt Ion:	59	Resp:	10436
Ion	Ratio	Lower	Upper
59	100		
57	2.8	7.2	10.8#





#25
Methyl tert-Butyl Ether
Concen: 0.475 ug/l
RT: 3.341 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

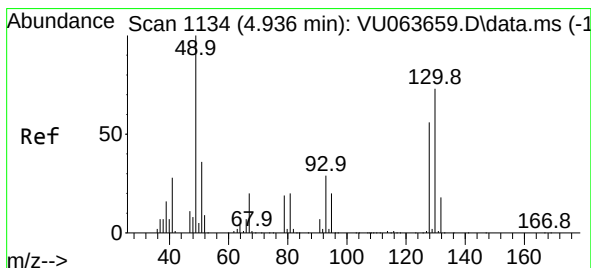
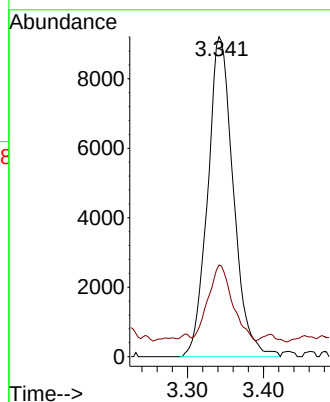
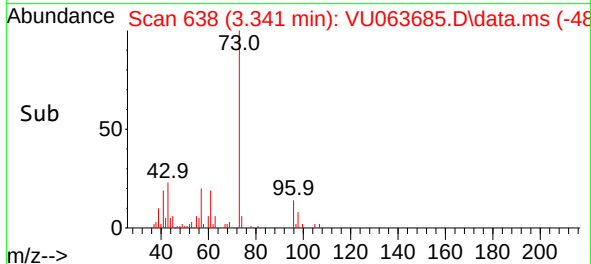
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 73 Resp: 2156
Ion Ratio Lower Upper
73 100
43 22.3 17.4 26.0

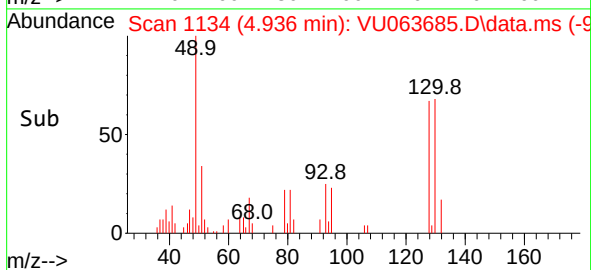
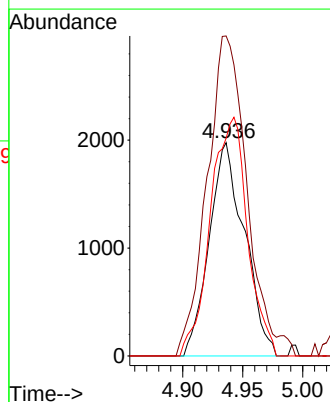
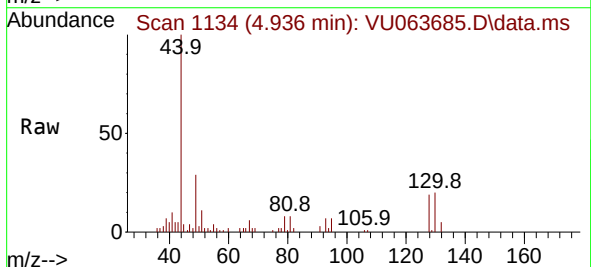
Manual Integrations
APPROVED

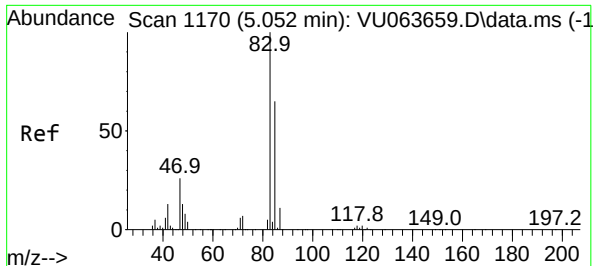
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
Bromochloromethane
Concen: 0.493 ug/l
RT: 4.936 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion:128 Resp: 4047
Ion Ratio Lower Upper
128 100
49 169.8 0.0 349.6
130 117.9 102.7 154.1





#27

Chloroform

Concen: 0.480 ug/l

RT: 5.049 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 83 Resp: 1662

Ion Ratio Lower Upper

83 100

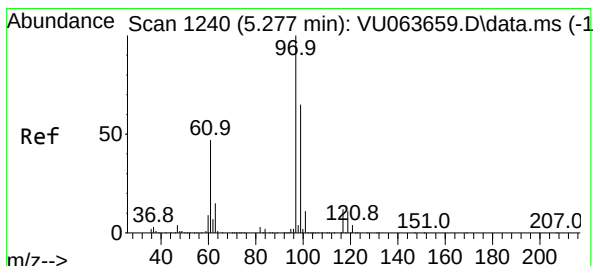
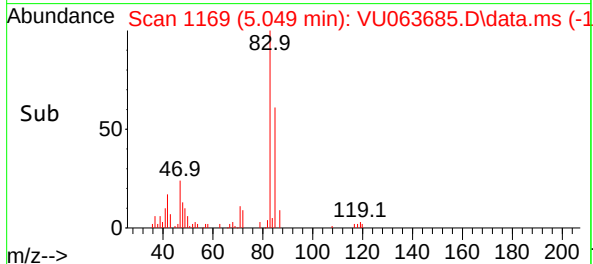
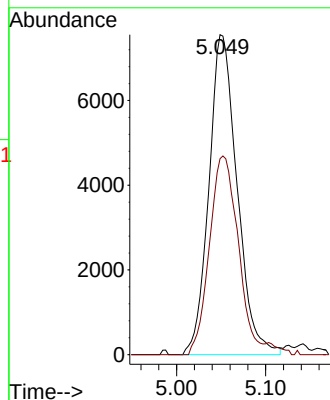
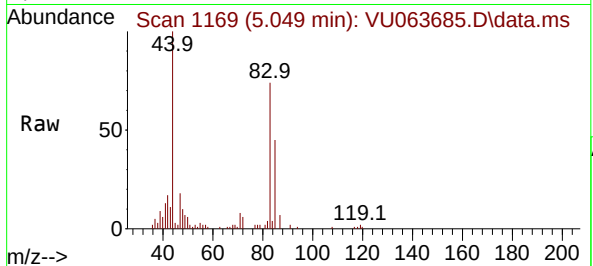
85 61.2 0.0 130.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#28

1,1,1-Trichloroethane

Concen: 0.473 ug/l

RT: 5.277 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

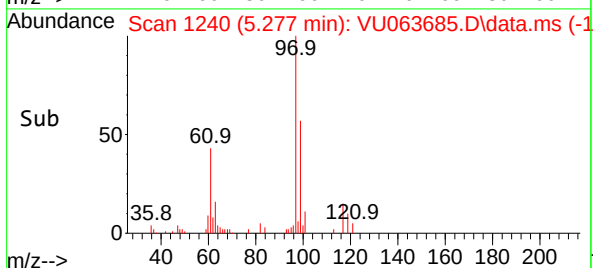
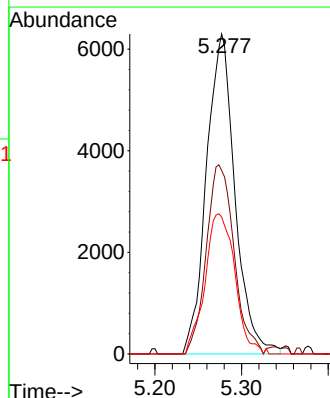
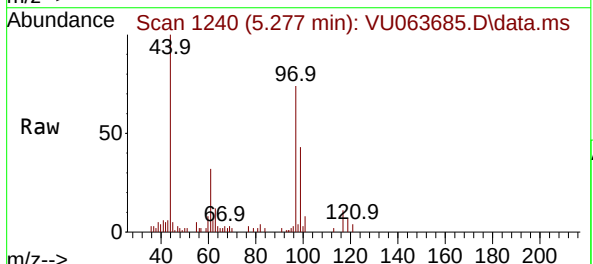
Tgt Ion: 97 Resp: 14428

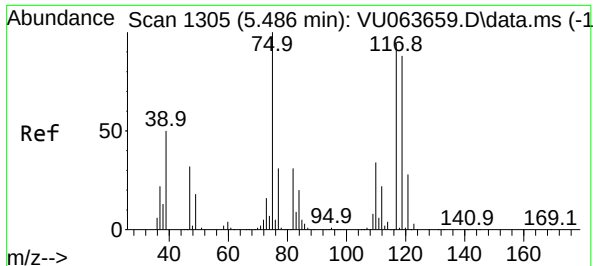
Ion Ratio Lower Upper

97 100

99 57.5 32.3 96.8

61 45.8 23.3 69.8





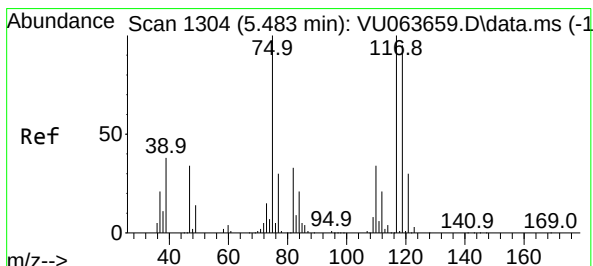
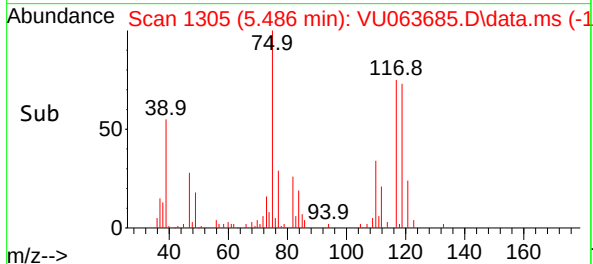
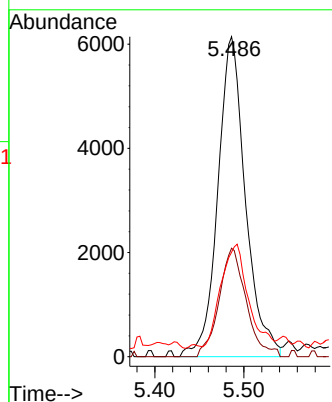
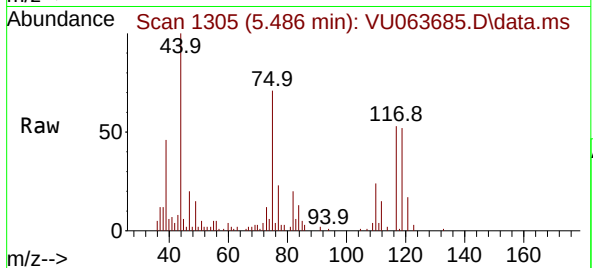
#29
1,1-Dichloropropene
Concen: 0.517 ug/l
RT: 5.486 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

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

Tgt Ion: 75 Resp: 1324
Ion Ratio Lower Upper
75 100
110 33.3 17.2 51.5
77 31.1 24.5 36.7

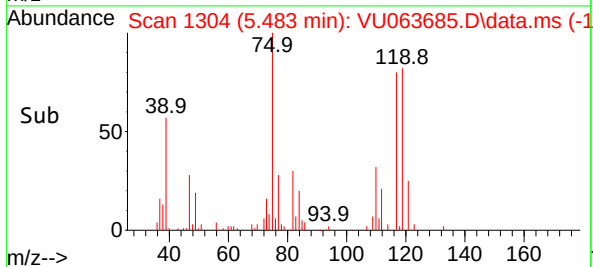
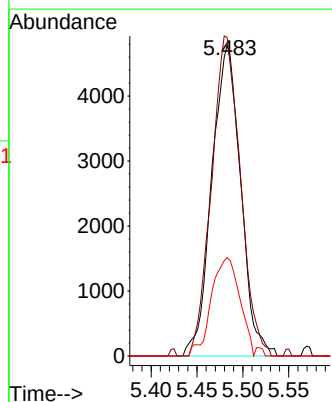
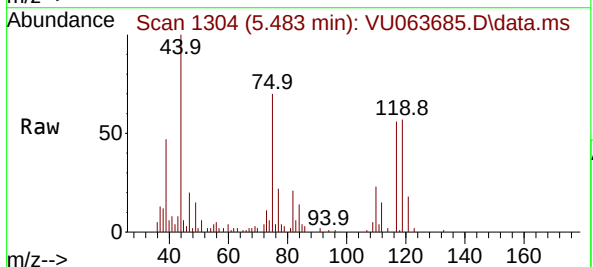
Manual Integrations
APPROVED

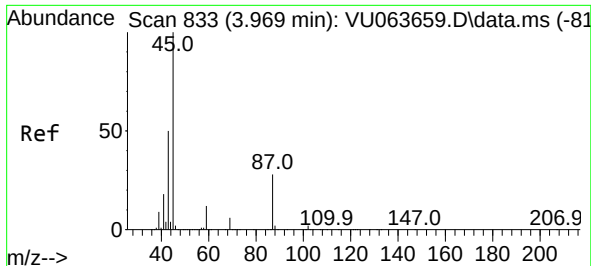
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#30
Carbon Tetrachloride
Concen: 0.435 ug/l
RT: 5.483 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

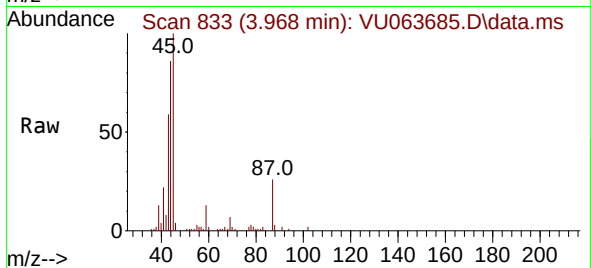
Tgt Ion:117 Resp: 10506
Ion Ratio Lower Upper
117 100
119 102.7 75.7 113.5
121 31.7 23.8 35.6





#31
Isopropyl Ether
Concen: 0.480 ug/l
RT: 3.968 min Scan# 833
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

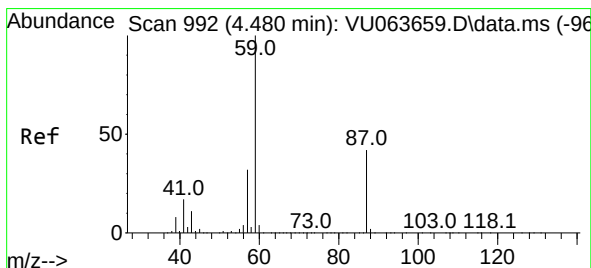
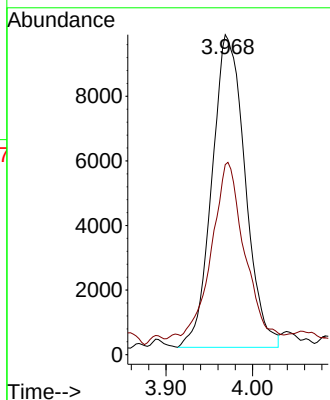
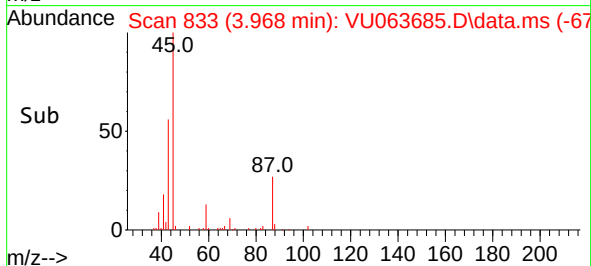
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 45 Resp: 25710
Ion Ratio Lower Upper
45 100
43 52.5 25.3 75.9

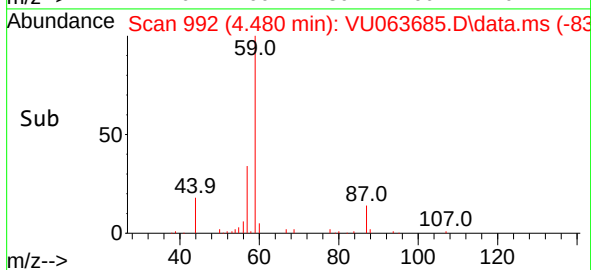
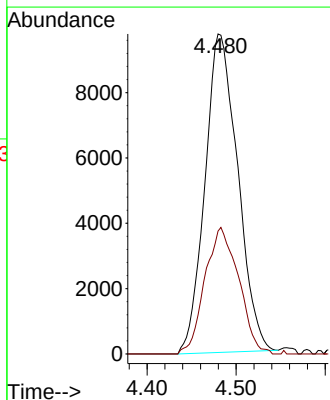
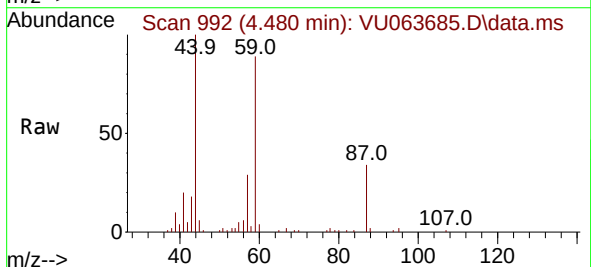
Manual Integrations
APPROVED

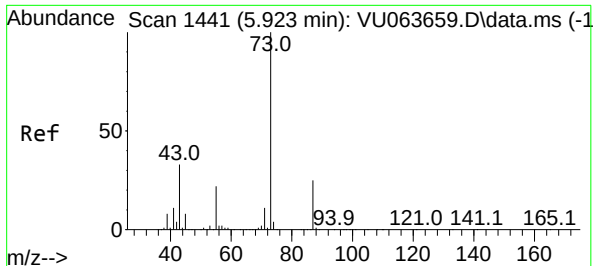
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#32
Ethyl-t-butyl ether
Concen: 0.482 ug/l
RT: 4.480 min Scan# 992
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

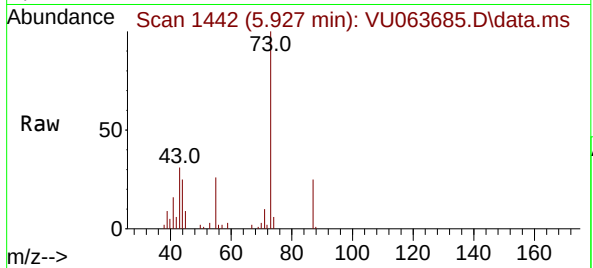
Tgt Ion: 59 Resp: 24910
Ion Ratio Lower Upper
59 100
87 40.9 33.0 49.6





#33
Tert-Amyl methyl ether
Concen: 0.481 ug/l
RT: 5.927 min Scan# 1441
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

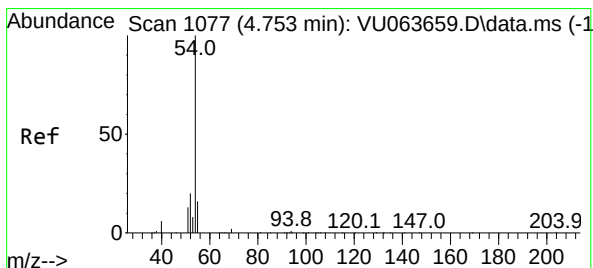
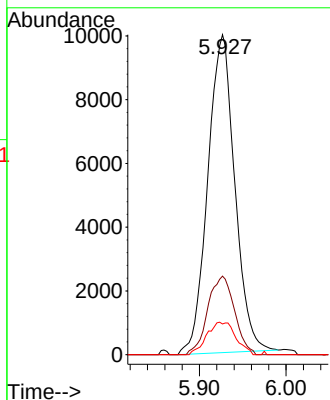
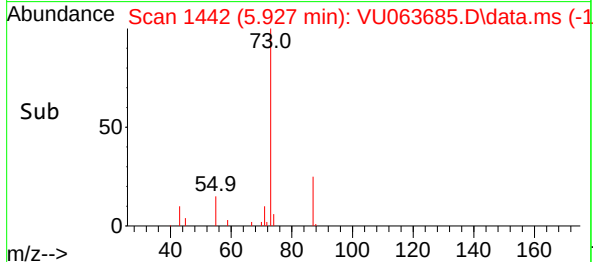
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



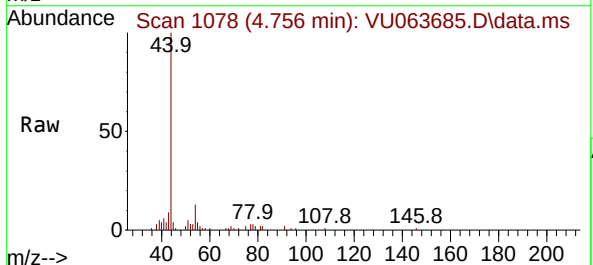
Tgt Ion: 73 Resp: 21634
Ion Ratio Lower Upper
73 100
87 24.4 20.0 30.0
71 10.9 9.0 13.4

Manual Integrations
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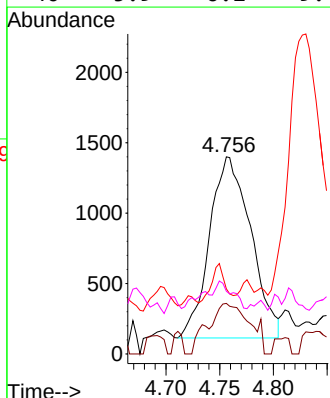
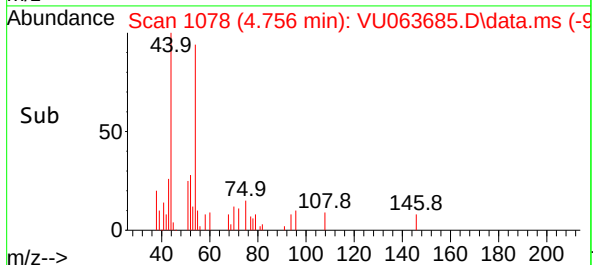
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

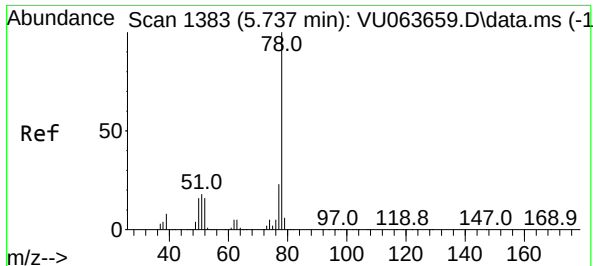


#34
Propionitrile
Concen: 2.449 ug/l
RT: 4.756 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28



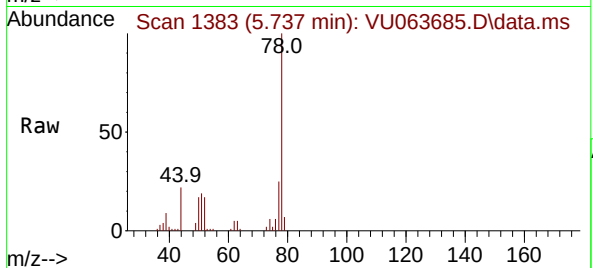
Tgt Ion: 54 Resp: 3435
Ion Ratio Lower Upper
54 100
52 23.1 15.8 23.6
55 7.0 11.3 16.9#
40 5.9 6.2 9.4#





#35
Benzene
Concen: 0.495 ug/l
RT: 5.737 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

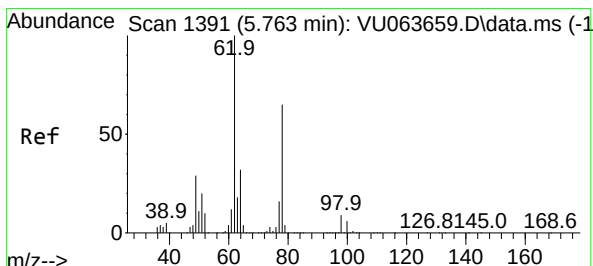
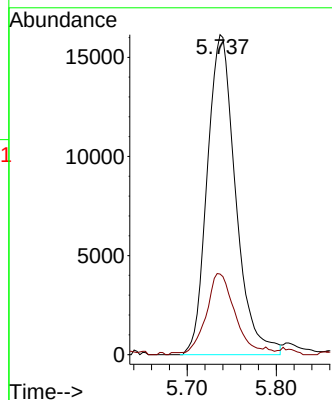
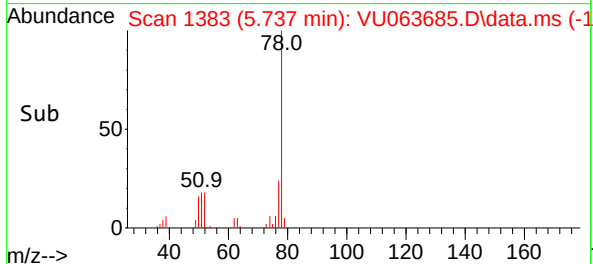
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025



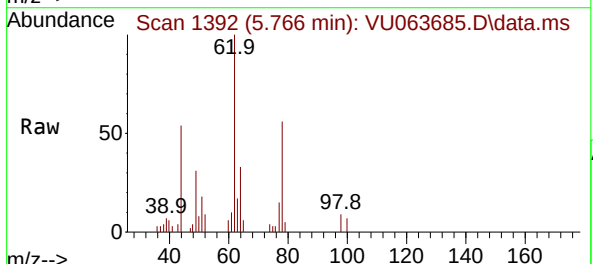
Tgt Ion: 78 Resp: 3573
Ion Ratio Lower Upper
78 100
77 24.5 18.3 27.5

Manual Integrations
APPROVED

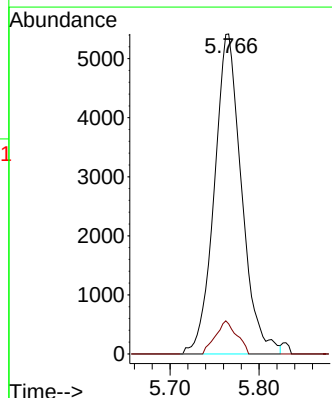
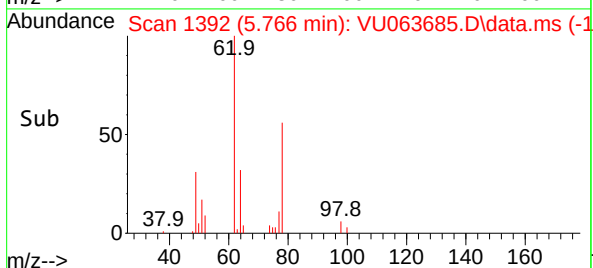
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

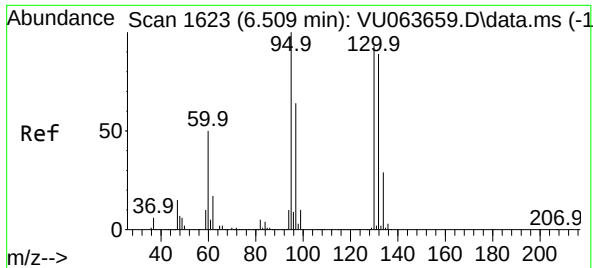


#36
1,2-Dichloroethane
Concen: 0.497 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28



Tgt Ion: 62 Resp: 11519
Ion Ratio Lower Upper
62 100
98 8.0 6.8 10.2





#37

Trichloroethene

Concen: 0.466 ug/l

RT: 6.512 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:130 Resp: 9594

Ion Ratio Lower Upper

130 100

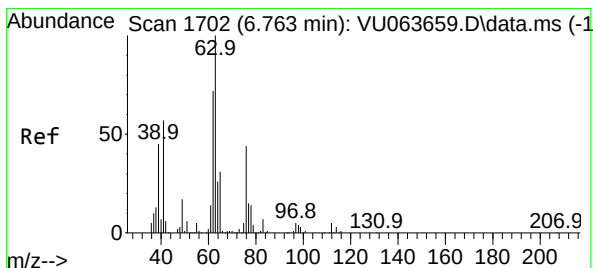
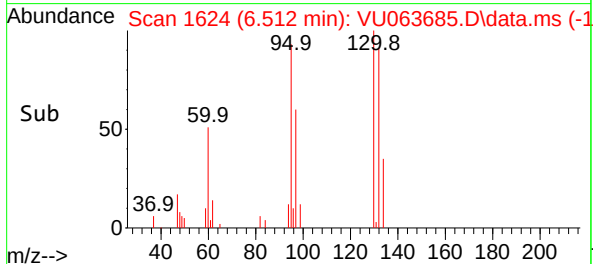
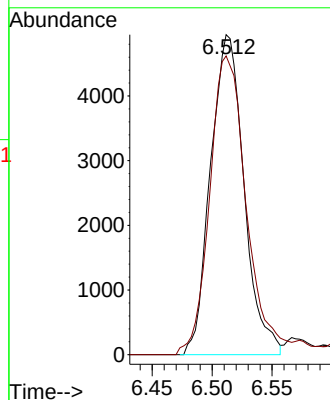
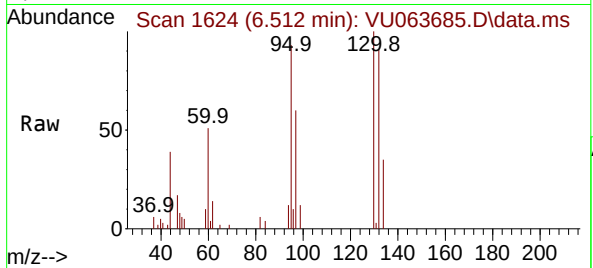
95 91.2 86.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#38

1,2-Dichloropropane

Concen: 0.460 ug/l

RT: 6.766 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VU063685.D

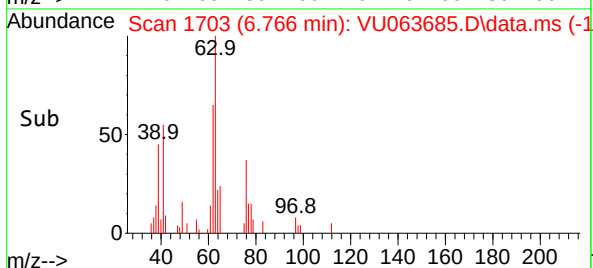
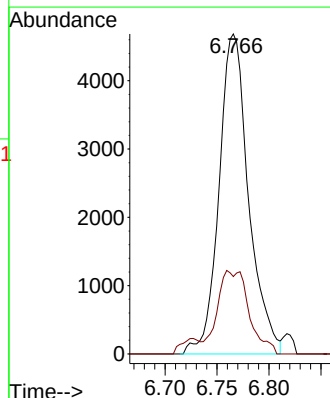
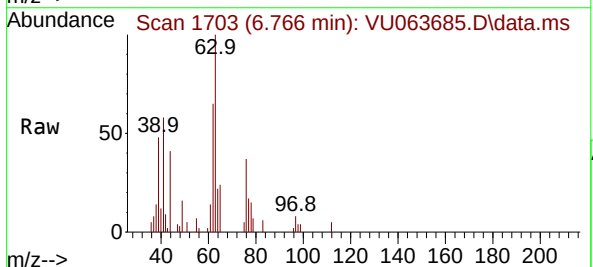
Acq: 07 Nov 2025 14:28

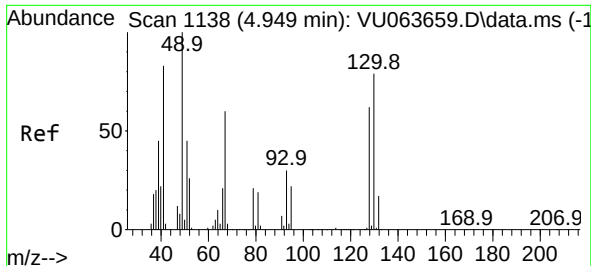
Tgt Ion: 63 Resp: 9295

Ion Ratio Lower Upper

63 100

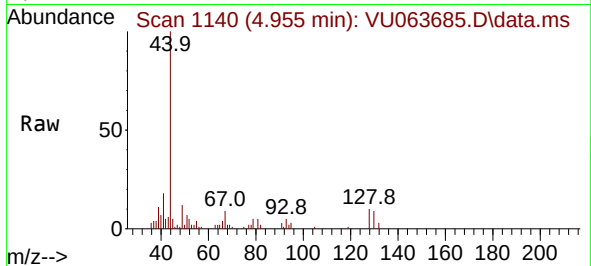
65 24.2 24.5 36.7#





#39
Methacrylonitrile
Concen: 0.678 ug/l m
RT: 4.955 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

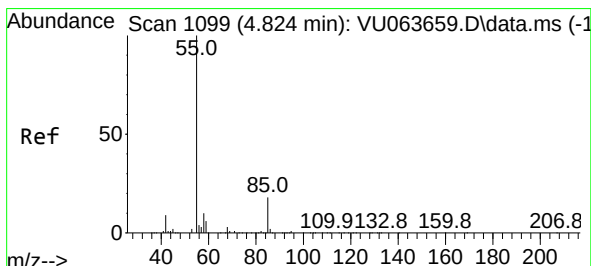
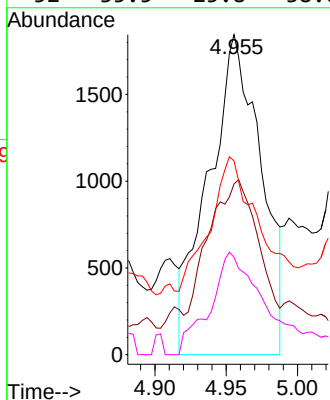
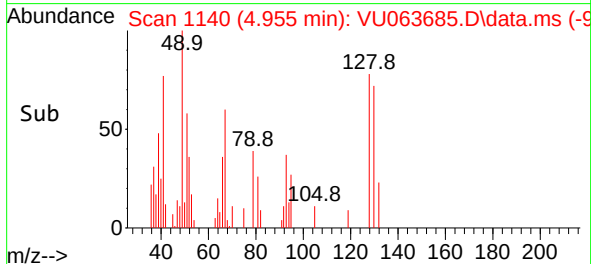
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:	41	Resp:	4734
Ion	Ratio	Lower	Upper
41	100		
67	37.9	61.4	92.2
39	41.4	46.5	69.7
52	35.5	25.8	38.6

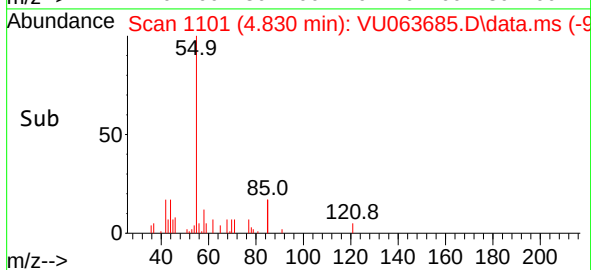
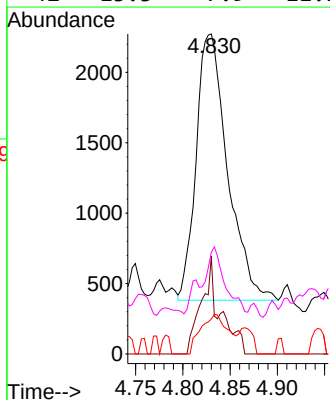
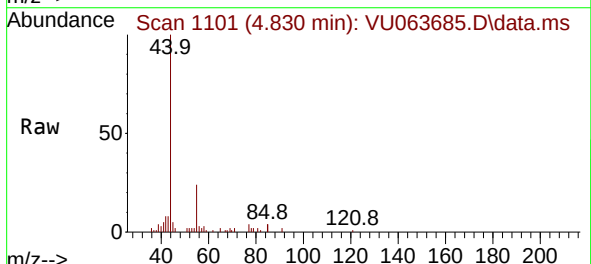
Manual Integrations
APPROVED

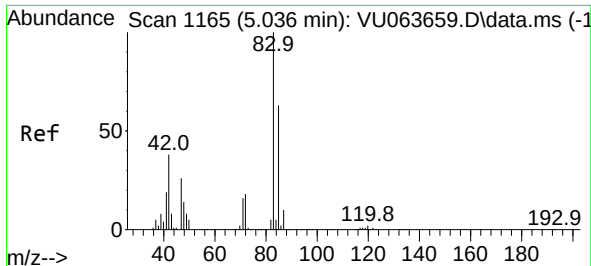
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#40
Methyl acrylate
Concen: 0.432 ug/l
RT: 4.830 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

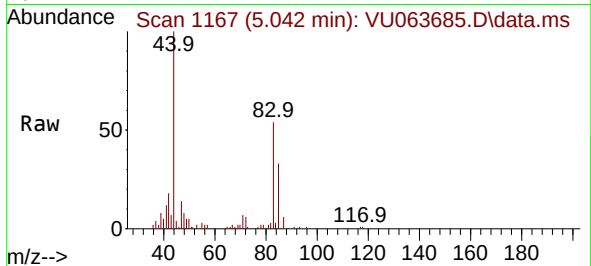
Tgt Ion:	55	Resp:	4376
Ion	Ratio	Lower	Upper
55	100		
85	14.9	15.3	22.9
58	12.8	7.7	11.5
42	13.3	7.9	11.9





#41
Tetrahydrofuran
Concen: 1.240 ug/l
RT: 5.042 min Scan# 1165
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

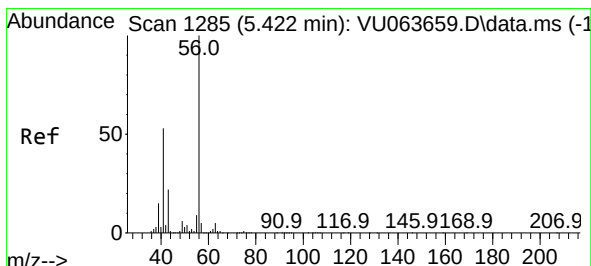
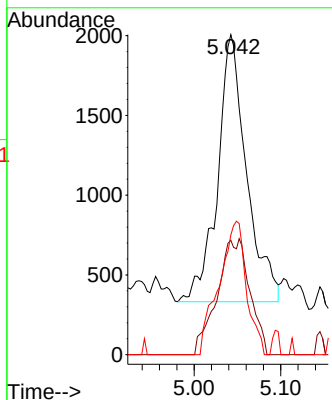
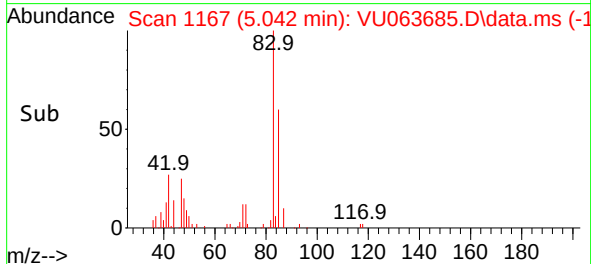
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



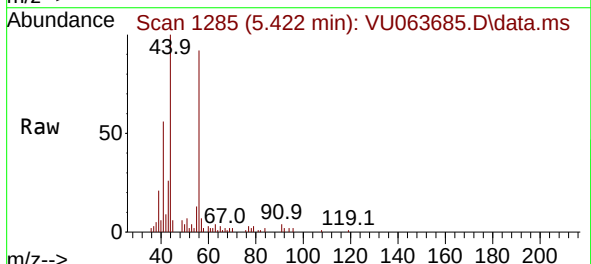
Tgt Ion: 42 Resp: 389
Ion Ratio Lower Upper
42 100
72 29.8 40.5 60.7
71 47.4 35.0 52.6

Manual Integrations
APPROVED

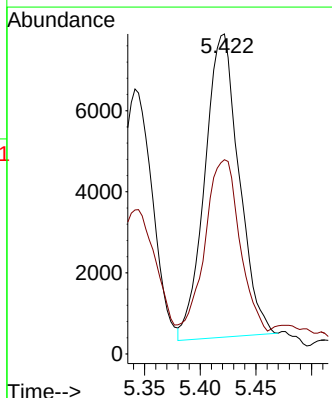
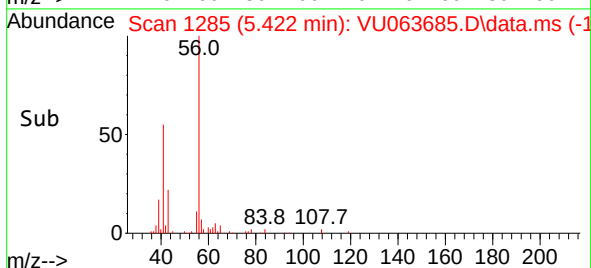
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

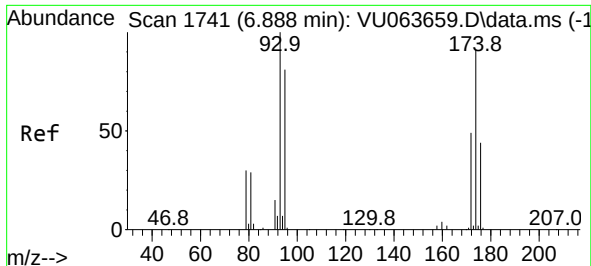


#42
1-Chlorobutane
Concen: 0.465 ug/l
RT: 5.422 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28



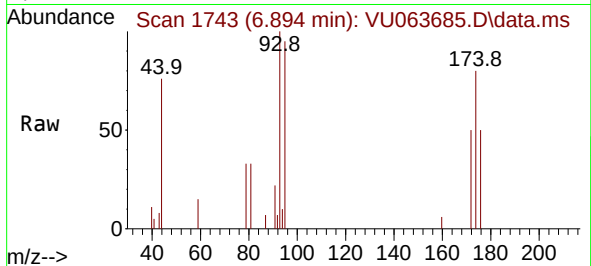
Tgt Ion: 56 Resp: 15970
Ion Ratio Lower Upper
56 100
41 56.4 25.9 77.6





#43
Dibromomethane
Concen: 0.477 ug/l
RT: 6.894 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

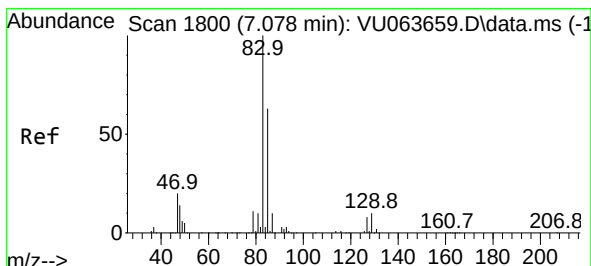
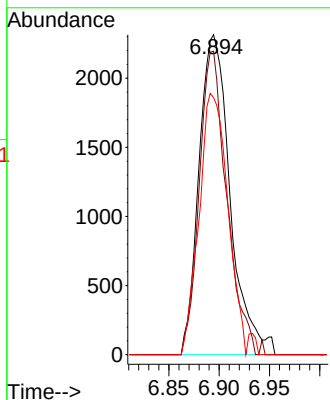
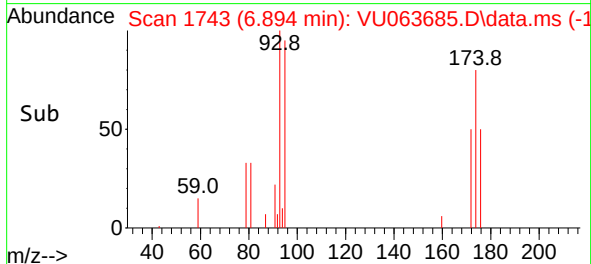
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



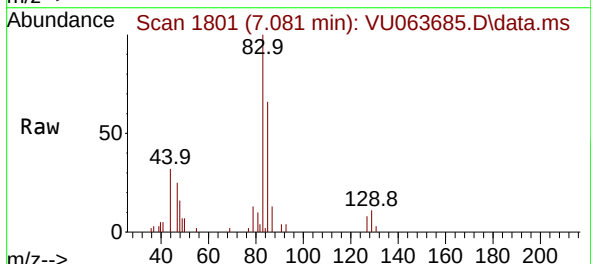
Tgt Ion: 93 Resp: 4988
Ion Ratio Lower Upper
93 100
95 83.3 64.6 97.0
174 75.1 73.8 110.8

Manual Integrations
APPROVED

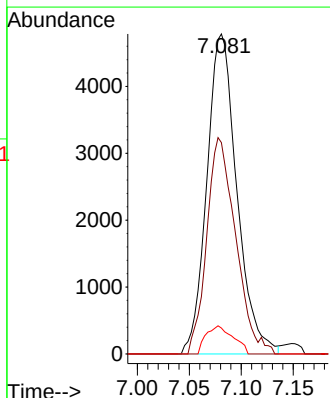
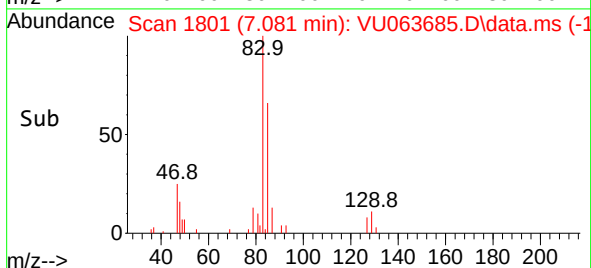
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

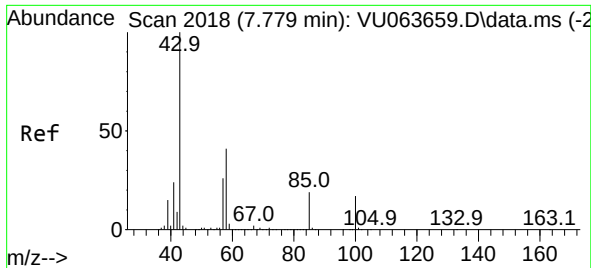


#44
Bromodichloromethane
Concen: 0.377 ug/l
RT: 7.081 min Scan# 1801
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28



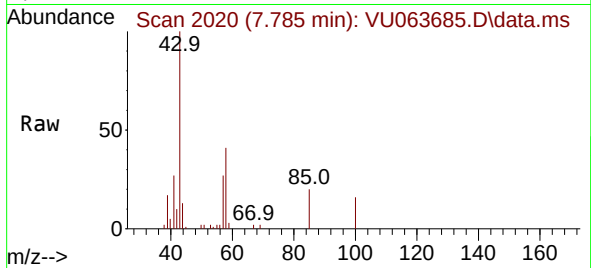
Tgt Ion: 83 Resp: 9632
Ion Ratio Lower Upper
83 100
85 66.1 50.5 75.7
127 8.1 6.4 9.6





#45
4-Methyl-2-Pentanone
Concen: 2.180 ug/l
RT: 7.785 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

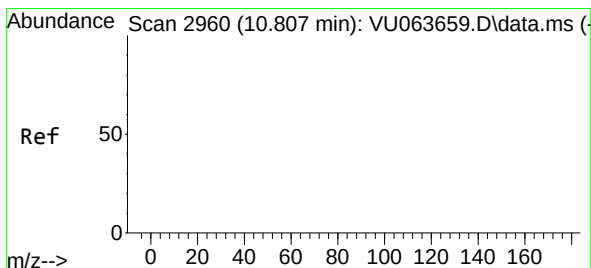
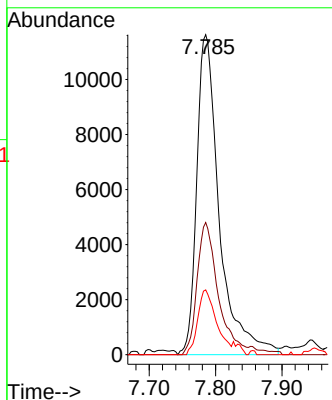
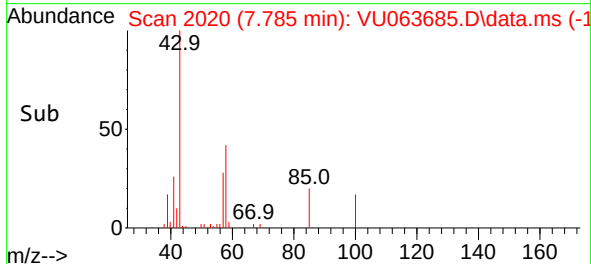
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 43 Resp: 27480
Ion Ratio Lower Upper
43 100
58 38.6 20.2 60.5
85 16.7 15.0 22.6

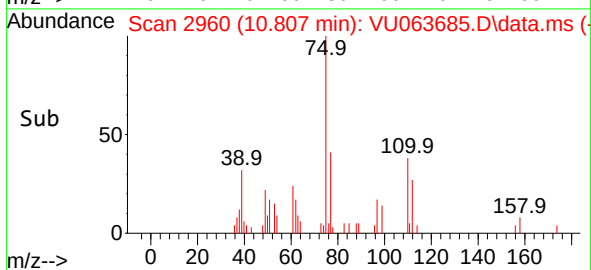
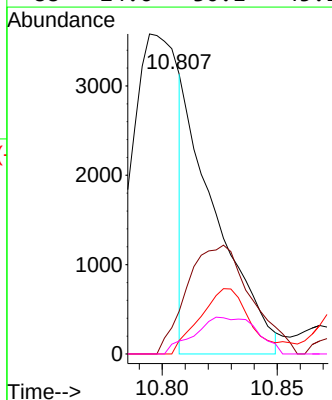
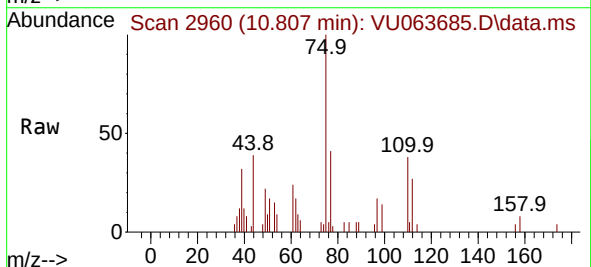
Manual Integrations
APPROVED

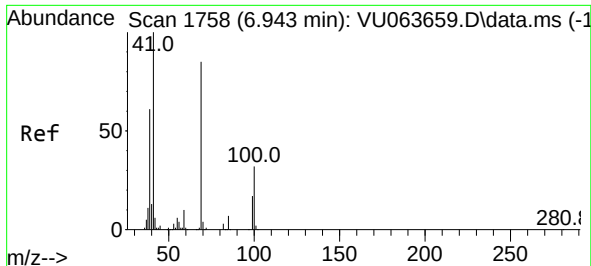
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 0.718 ug/l m
RT: 10.807 min Scan# 2960
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion: 75 Resp: 3140
Ion Ratio Lower Upper
75 100
53 75.0 57.2 85.8
89 37.1 37.9 56.9#
88 24.6 30.1 45.1#





#47

Methyl methacrylate

Concen: 0.794 ug/l

RT: 6.955 min Scan# 1762

Delta R.T. 0.013 min

Lab File: VU063685.D

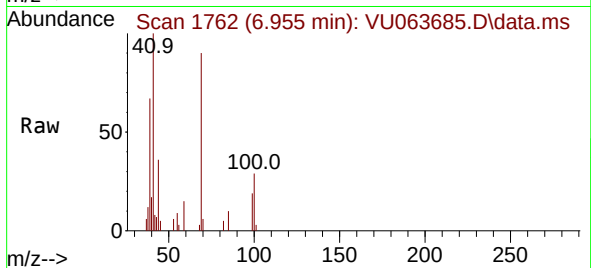
Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025



Tgt Ion: 69 Resp: 7634

Ion Ratio Lower Upper

69 100

41 121.3 0.0 228.2

39 68.9 56.2 84.4

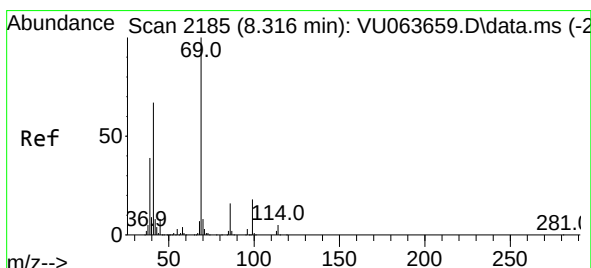
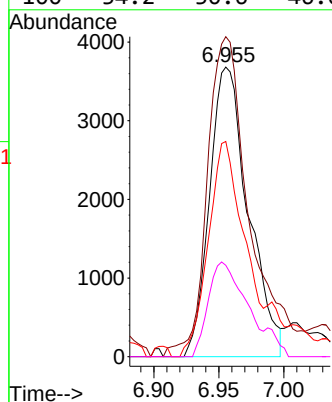
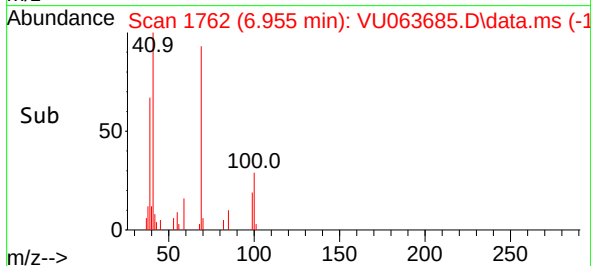
100 34.2 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#48

Ethyl methacrylate

Concen: 0.406 ug/l

RT: 8.319 min Scan# 2186

Delta R.T. 0.003 min

Lab File: VU063685.D

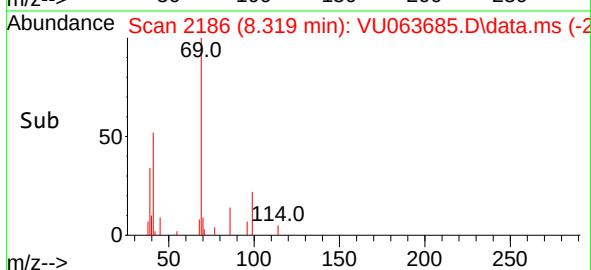
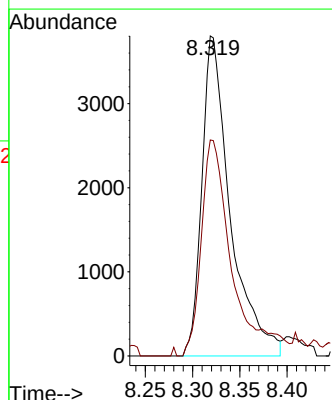
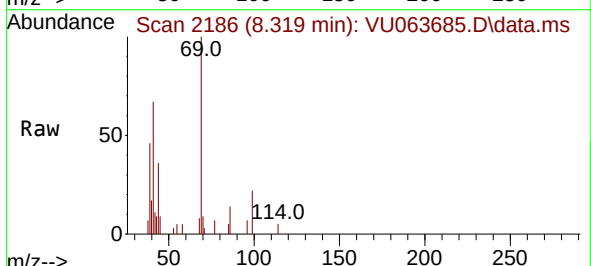
Acq: 07 Nov 2025 14:28

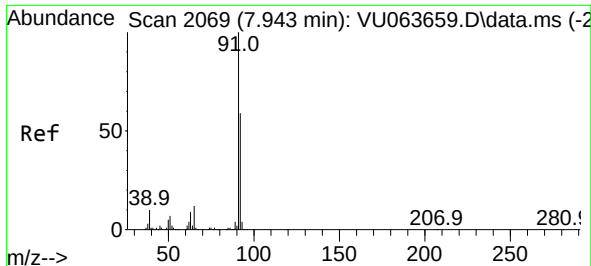
Tgt Ion: 69 Resp: 7950

Ion Ratio Lower Upper

69 100

41 72.6 32.8 98.3





#49

Toluene

Concen: 0.455 ug/l

RT: 7.946 min Scan# 2069

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 92 Resp: 2217

Ion Ratio Lower Upper

92 100

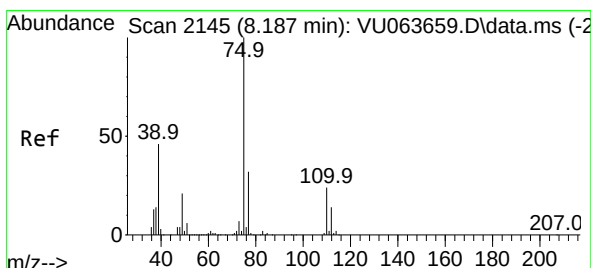
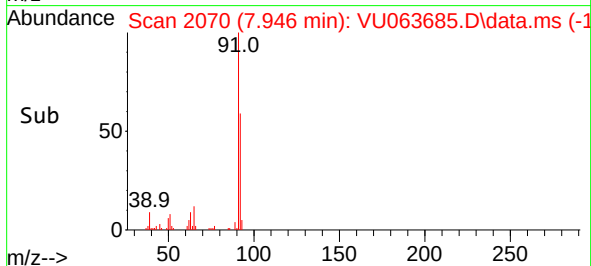
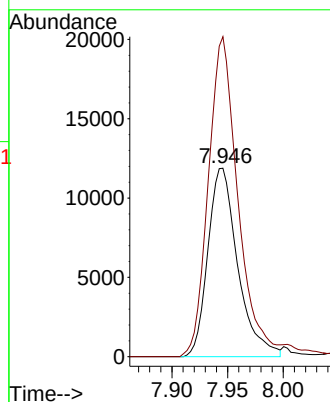
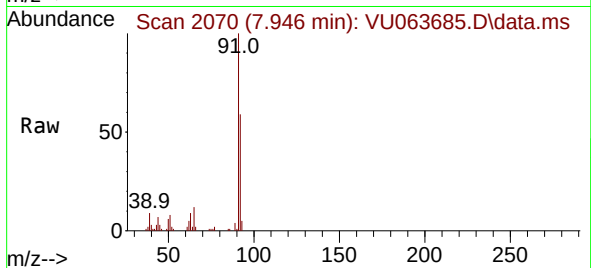
91 167.6 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#50

t-1,3-Dichloropropene

Concen: 0.373 ug/l

RT: 8.193 min Scan# 2147

Delta R.T. 0.006 min

Lab File: VU063685.D

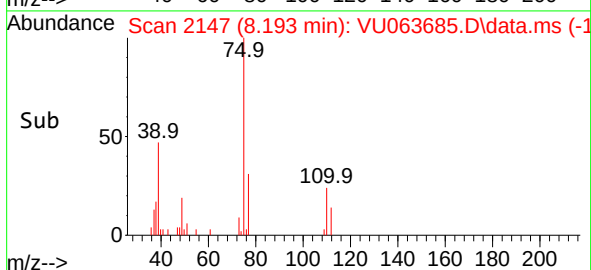
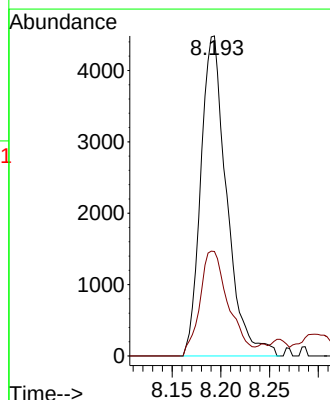
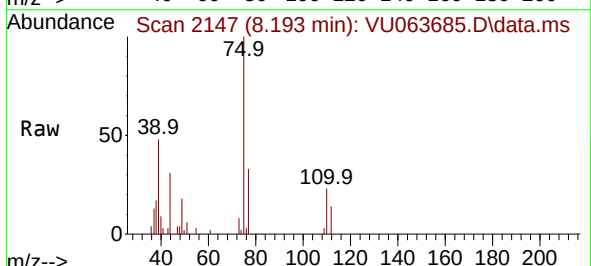
Acq: 07 Nov 2025 14:28

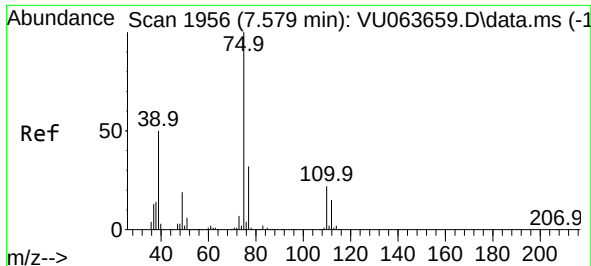
Tgt Ion: 75 Resp: 8296

Ion Ratio Lower Upper

75 100

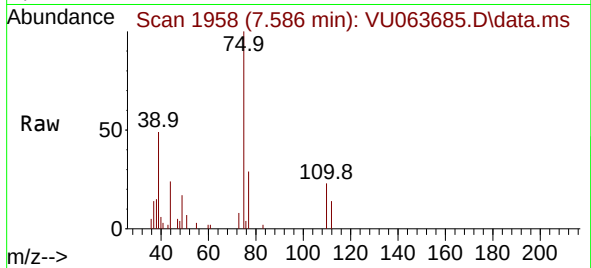
77 32.7 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 0.398 ug/l
 RT: 7.586 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

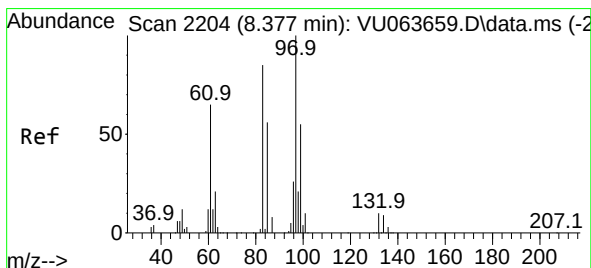
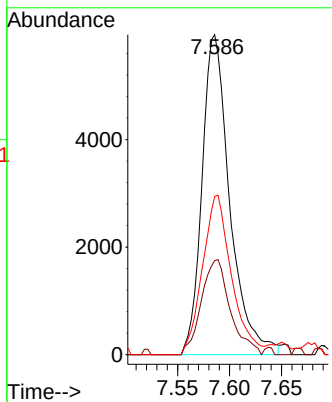
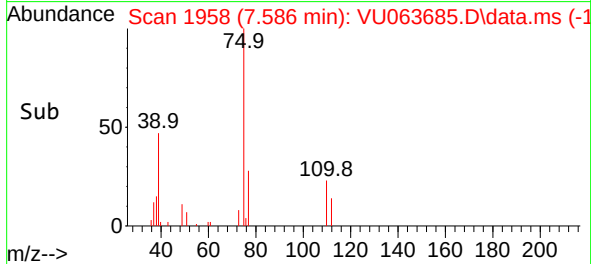
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT4-2025



Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.4	25.5	38.3
39	49.5	39.9	59.9

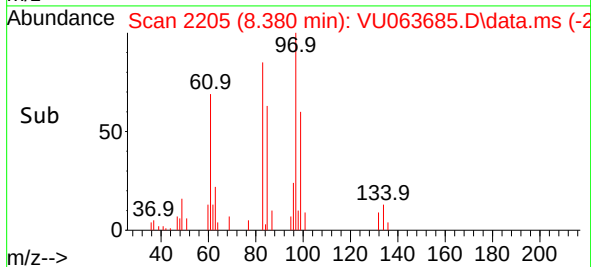
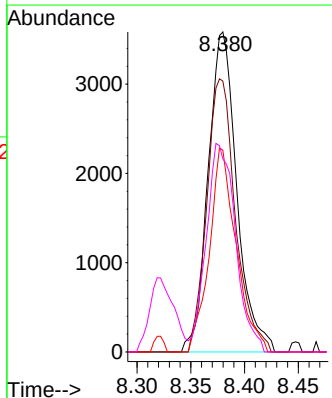
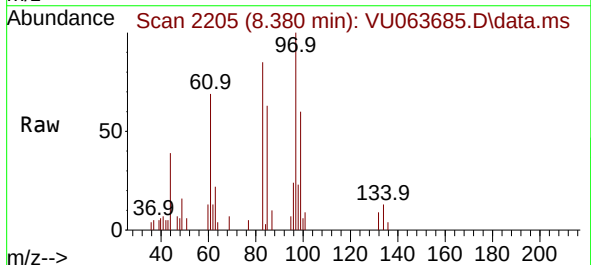
Manual Integrations
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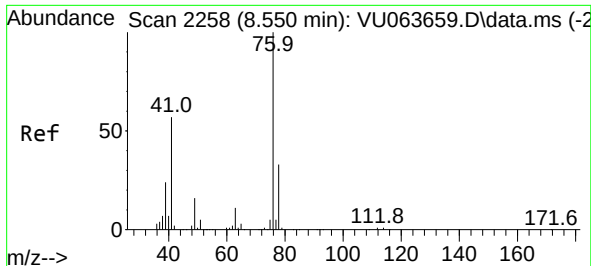
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.468 ug/l
 RT: 8.380 min Scan# 2205
 Delta R.T. 0.003 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.3	102.5
85	63.1	45.3	67.9
99	60.3	49.7	74.5





#53

1,3-Dichloropropane

Concen: 0.436 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 76 Resp: 1108

Ion Ratio Lower Upper

76 100

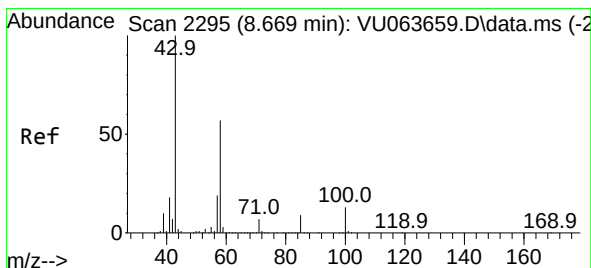
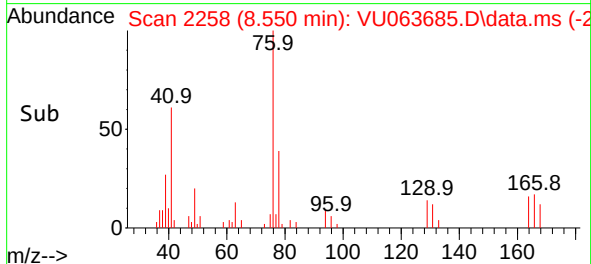
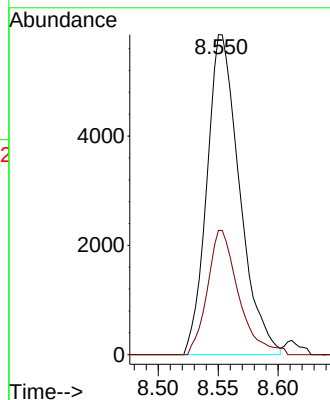
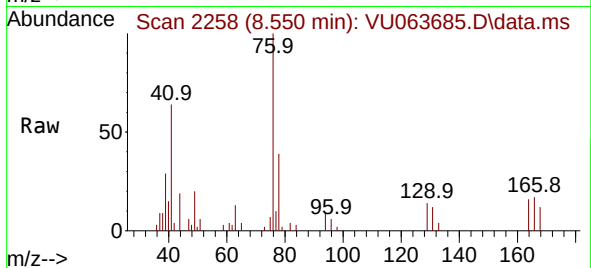
78 37.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#54

2-Hexanone

Concen: 1.887 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.013 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

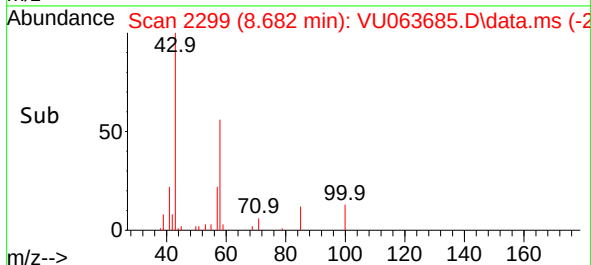
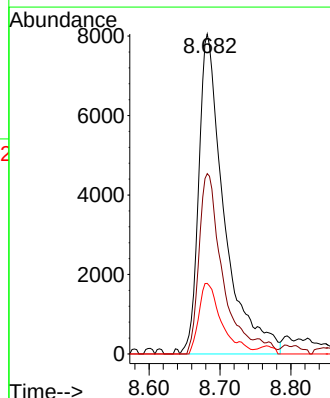
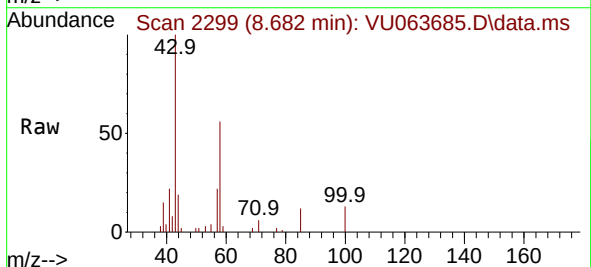
Tgt Ion: 43 Resp: 20088

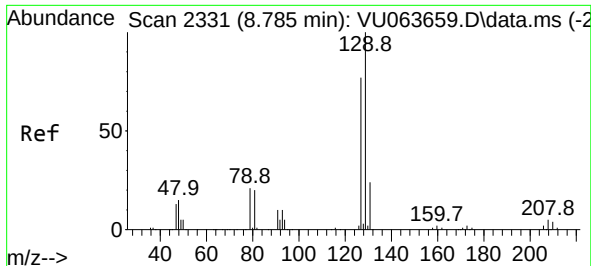
Ion Ratio Lower Upper

43 100

58 50.5 36.3 76.3

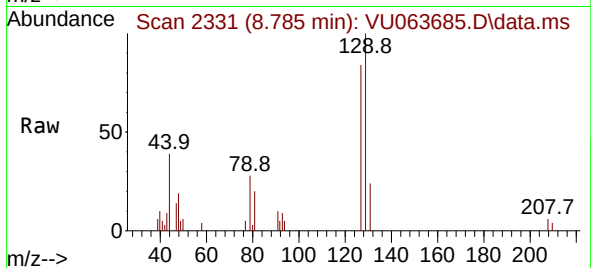
57 18.4 0.0 39.7





#55
Dibromochloromethane
Concen: 0.347 ug/l
RT: 8.785 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

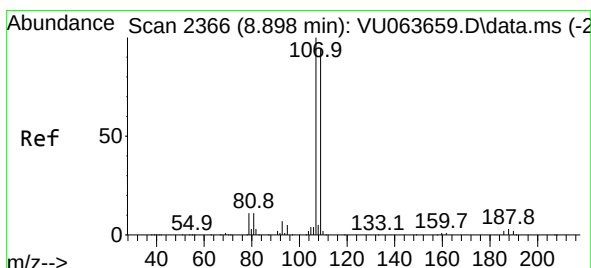
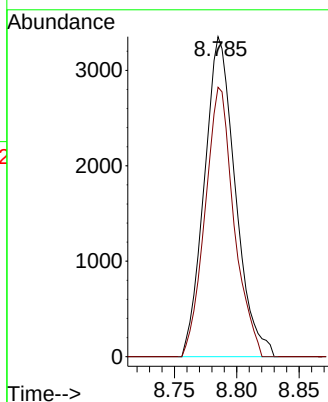
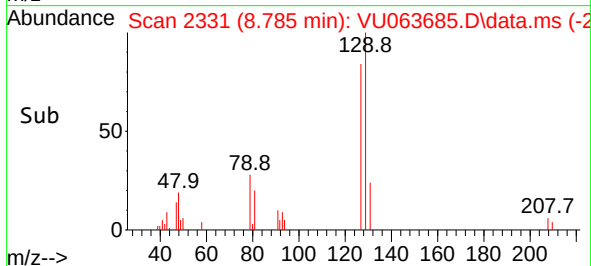
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



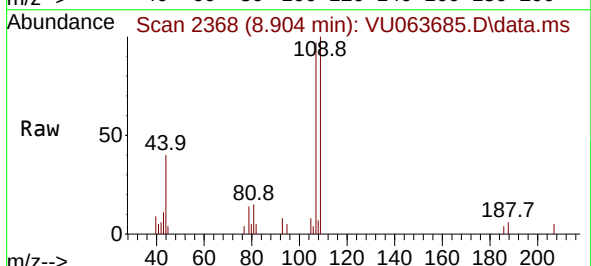
Tgt Ion:129 Resp: 580
Ion Ratio Lower Upper
129 100
127 78.5 61.4 92.0

Manual Integrations
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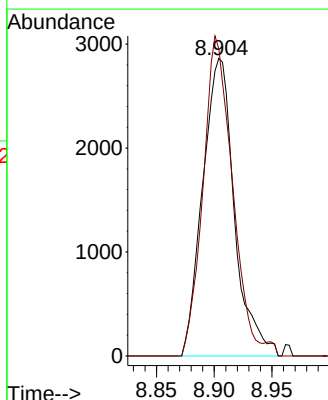
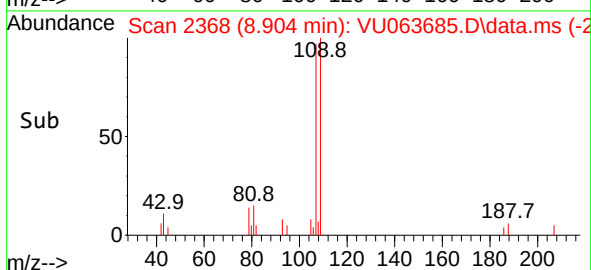
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

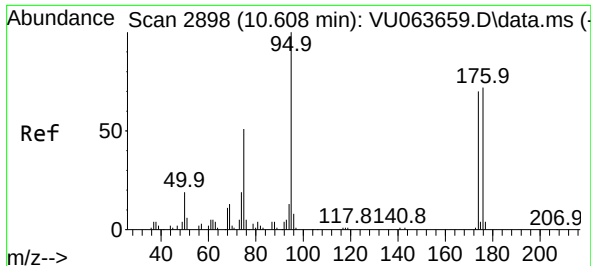


#56
1,2-Dibromoethane
Concen: 0.405 ug/l
RT: 8.904 min Scan# 2368
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28



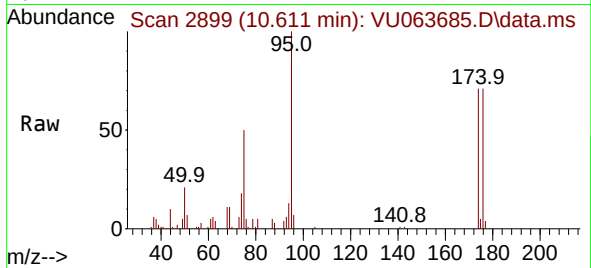
Tgt Ion:107 Resp: 5475
Ion Ratio Lower Upper
107 100
109 98.7 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.860 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

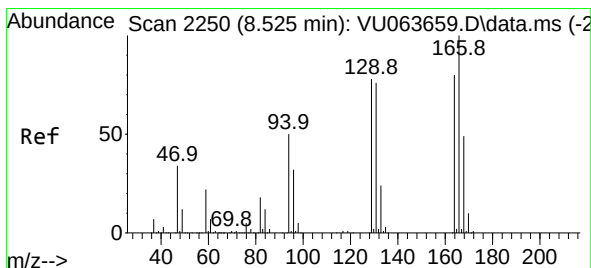
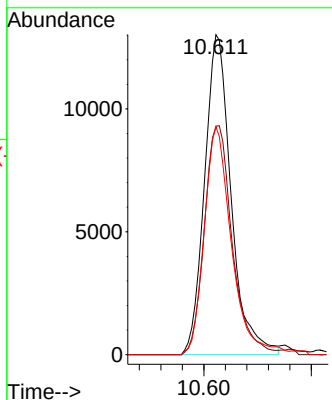
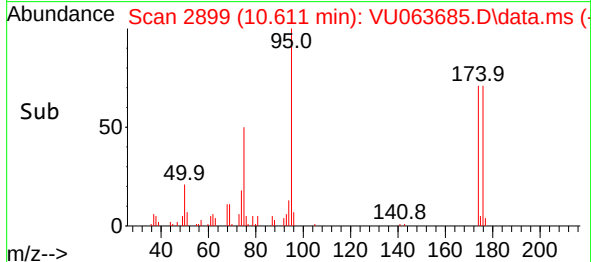
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 95 Resp: 2235
Ion Ratio Lower Upper
95 100
174 74.8 59.9 89.9
176 72.8 58.8 88.2

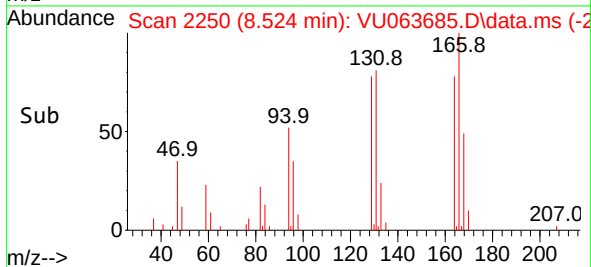
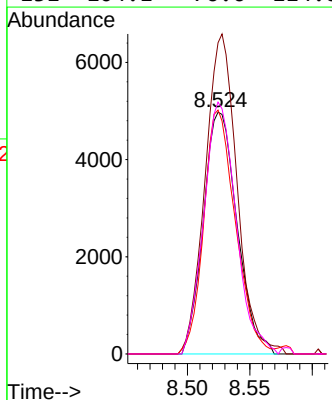
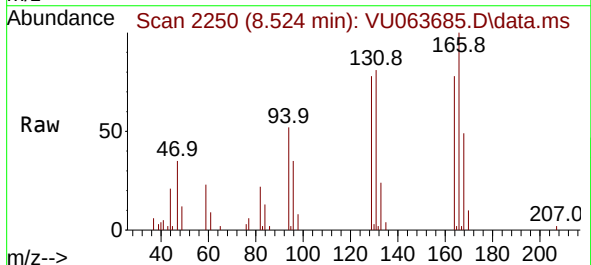
Manual Integrations
APPROVED

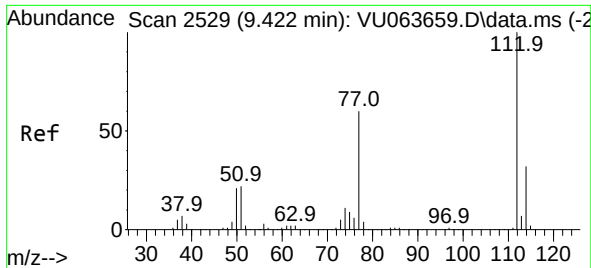
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#58
Tetrachloroethene
Concen: 0.465 ug/l
RT: 8.524 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion:164 Resp: 9361
Ion Ratio Lower Upper
164 100
166 128.7 100.1 150.1
129 100.8 77.6 116.4
131 104.1 76.6 114.8





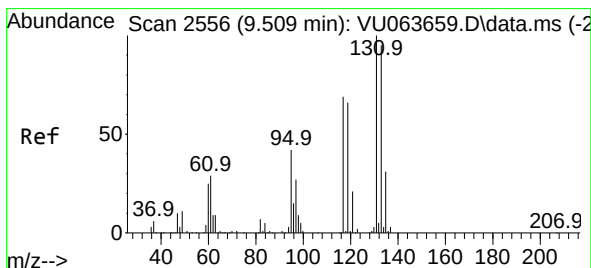
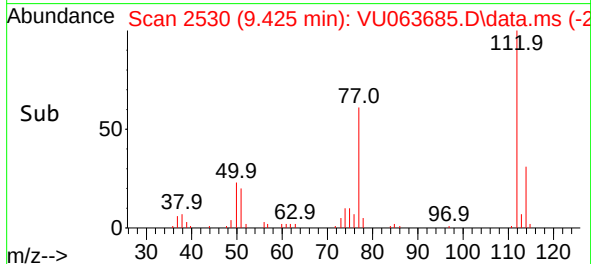
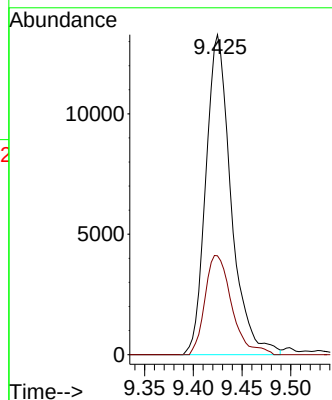
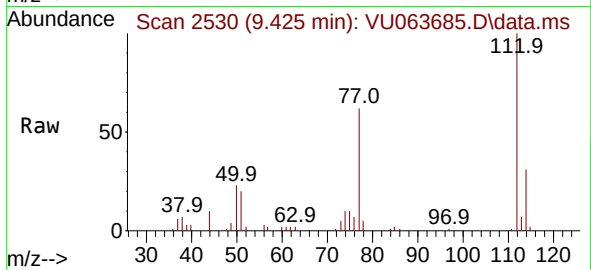
#59
Chlorobenzene
Concen: 0.454 ug/l
RT: 9.425 min Scan# 2530
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

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

Tgt Ion:112 Resp: 23960
Ion Ratio Lower Upper
112 100
114 30.9 26.0 39.0

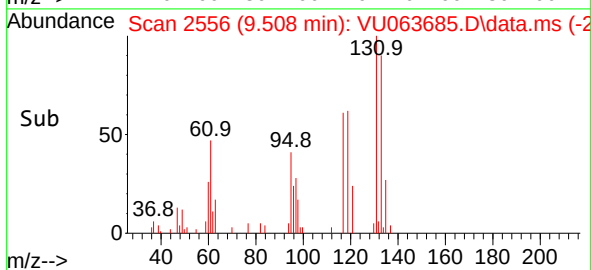
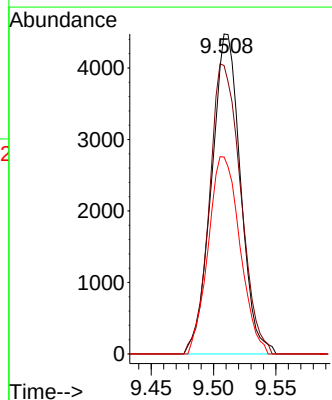
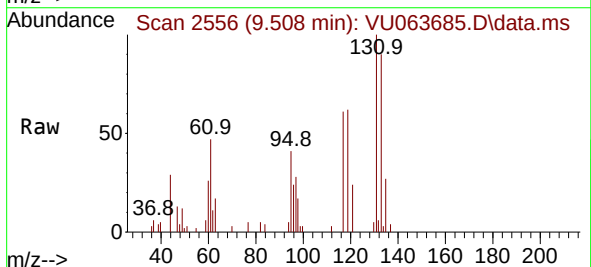
Manual Integrations
APPROVED

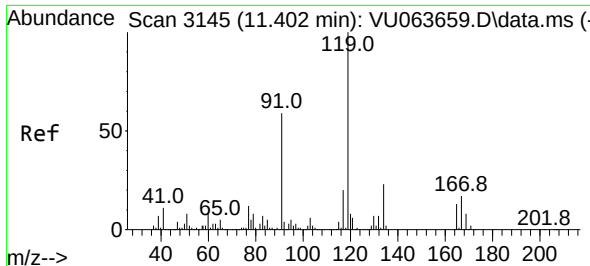
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.393 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

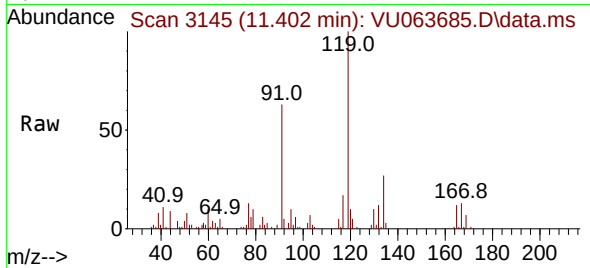
Tgt Ion:131 Resp: 7270
Ion Ratio Lower Upper
131 100
133 96.9 77.0 115.6
119 67.0 52.8 79.2





#61
Pentachloroethane
Concen: 0.360 ug/l
RT: 11.402 min Scan# 3145
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

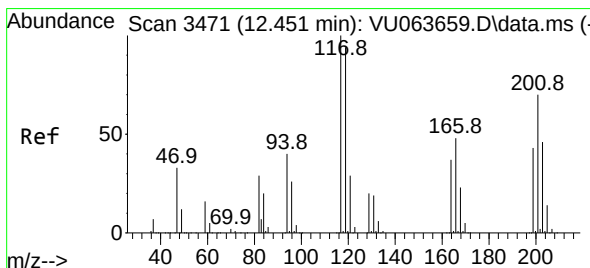
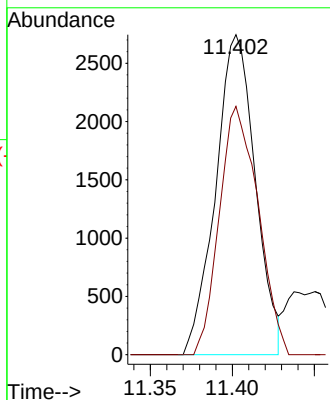
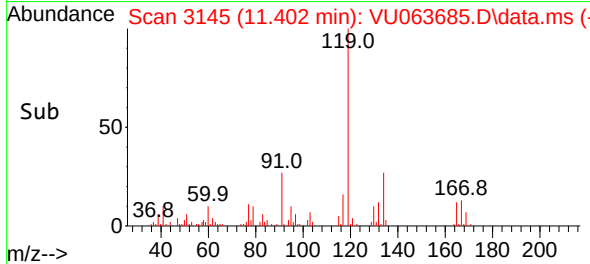
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025



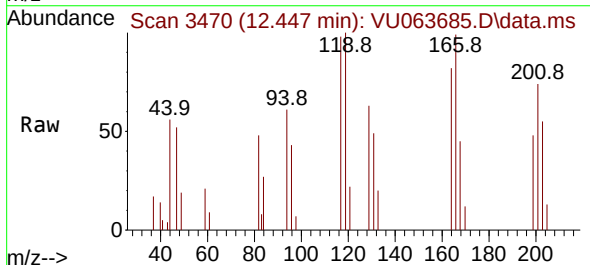
Tgt Ion:117 Resp: 4612
Ion Ratio Lower Upper
117 100
167 75.9 62.8 94.2

Manual Integrations
APPROVED

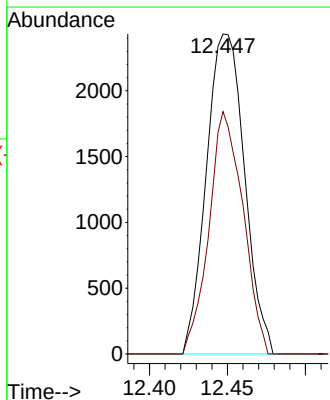
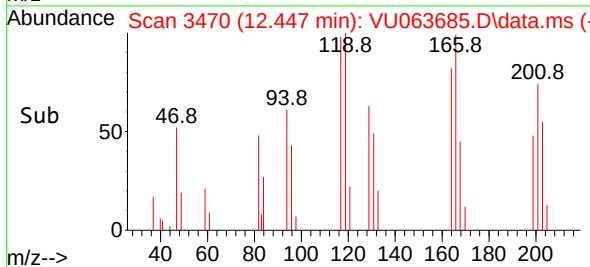
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

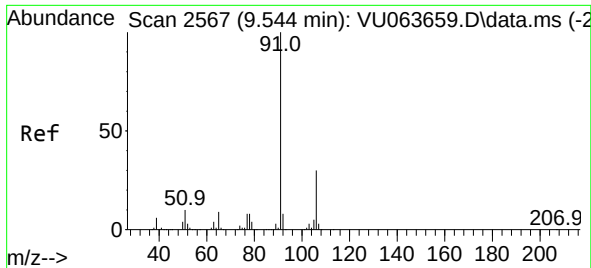


#62
Hexachloroethane
Concen: 0.294 ug/l
RT: 12.447 min Scan# 3470
Delta R.T. -0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28



Tgt Ion:117 Resp: 4141
Ion Ratio Lower Upper
117 100
201 67.5 56.3 84.5





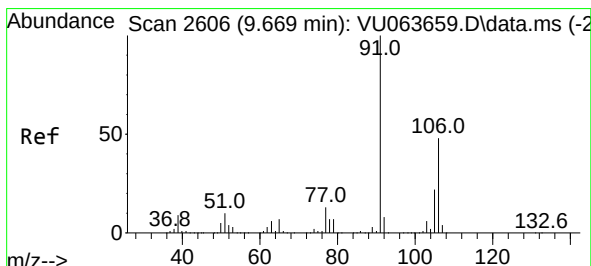
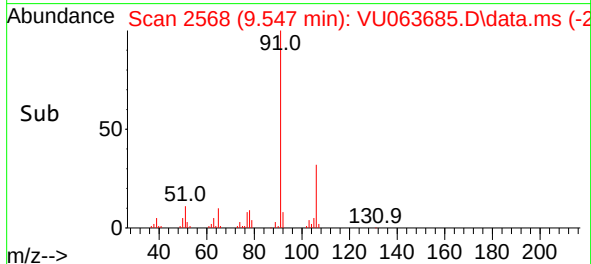
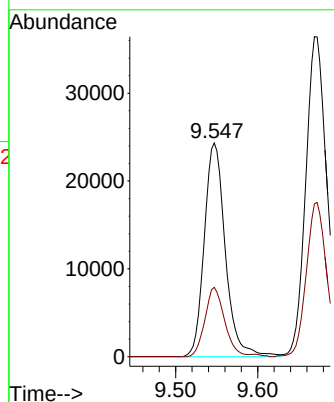
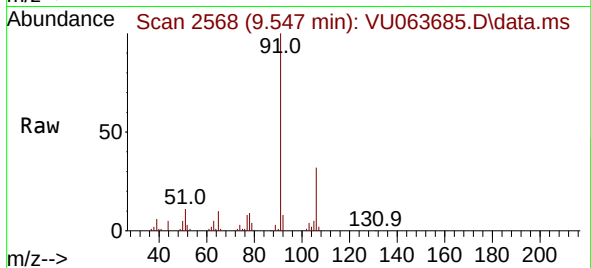
#63
Ethyl Benzene
Concen: 0.454 ug/l
RT: 9.547 min Scan# 2567
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

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

Tgt Ion: 91 Resp: 4342
Ion Ratio Lower Upper
91 100
106 32.4 24.1 36.1

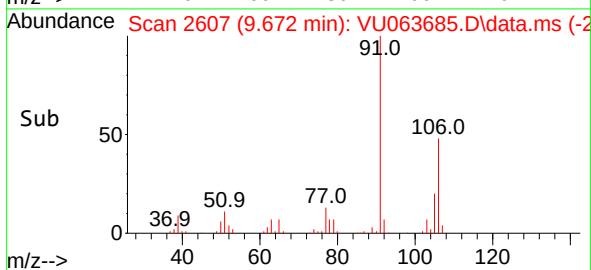
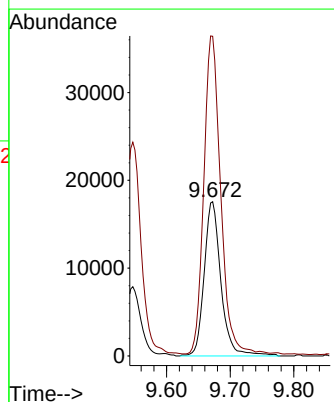
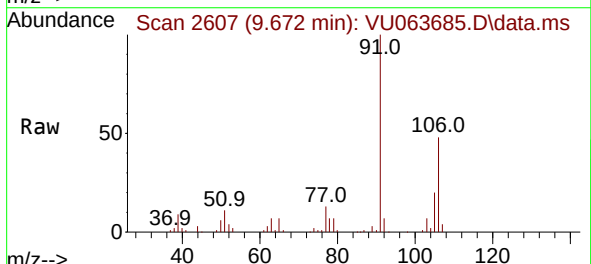
Manual Integrations
APPROVED

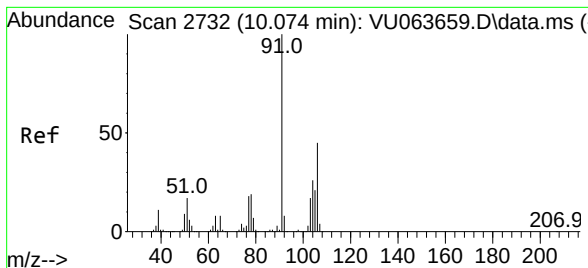
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#64
m/p-Xylenes
Concen: 0.901 ug/l
RT: 9.672 min Scan# 2607
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion:106 Resp: 32182
Ion Ratio Lower Upper
106 100
91 205.3 167.0 250.4





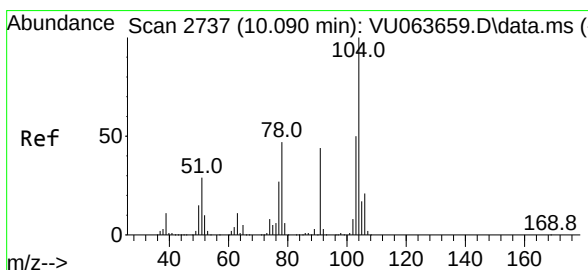
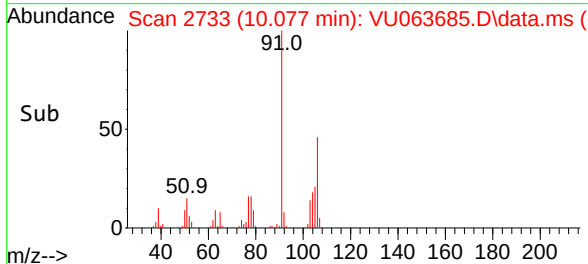
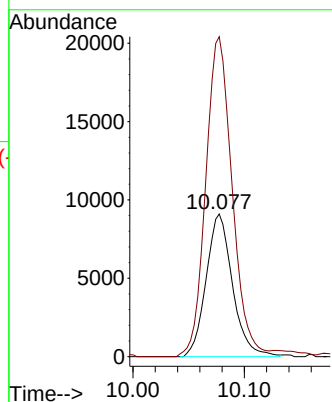
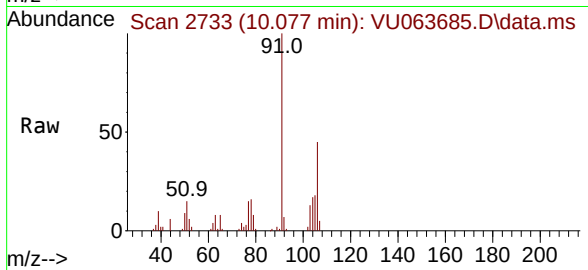
#65
o-Xylene
Concen: 0.428 ug/l
RT: 10.077 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

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

Tgt Ion:106 Resp: 14975
Ion Ratio Lower Upper
106 100
91 224.3 109.3 327.9

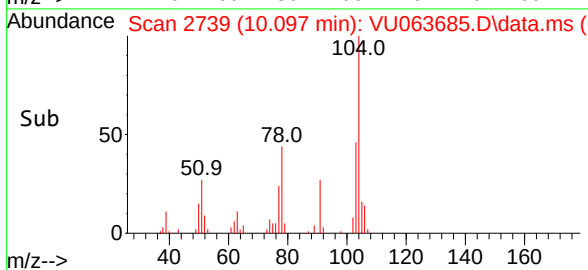
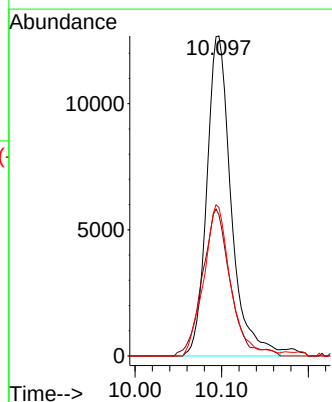
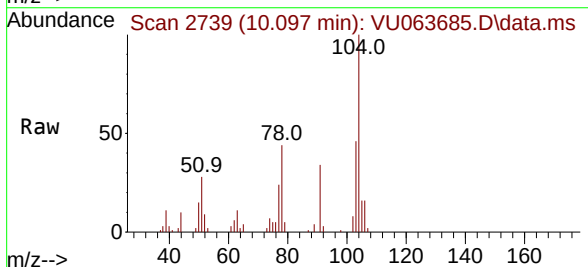
Manual Integrations
APPROVED

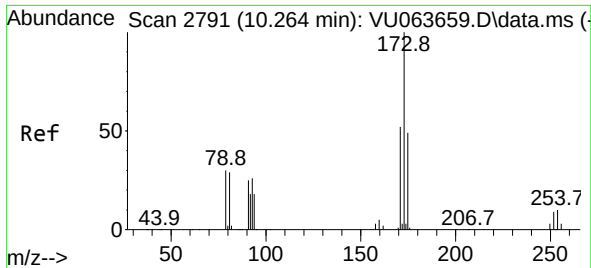
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#66
Styrene
Concen: 0.437 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

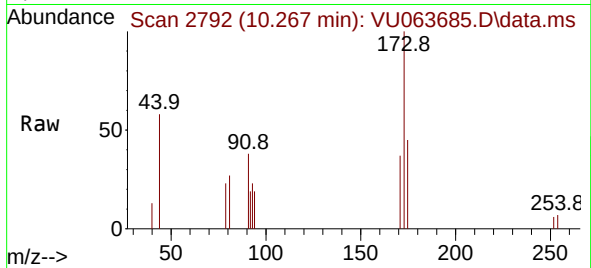
Tgt Ion:104 Resp: 24790
Ion Ratio Lower Upper
104 100
78 52.7 42.8 64.2
103 51.1 43.9 65.9





#67
Bromoform
Concen: 0.340 ug/l
RT: 10.267 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

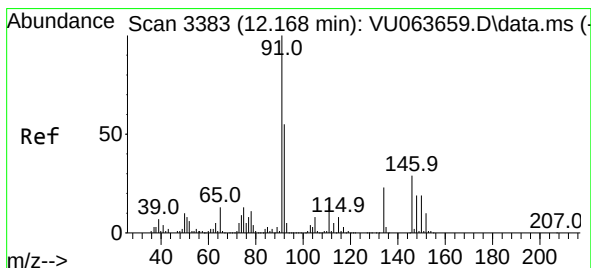
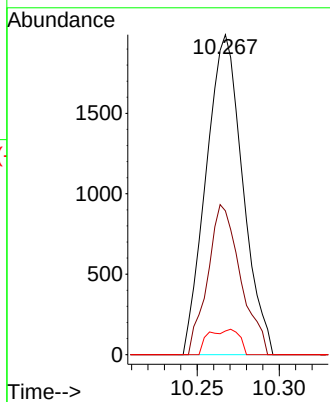
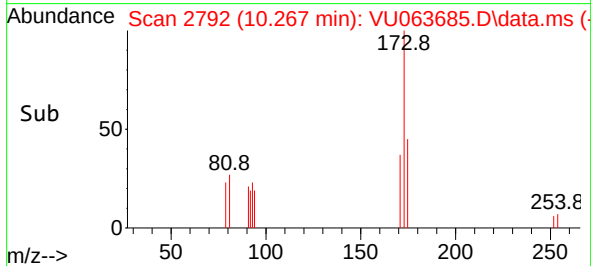
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



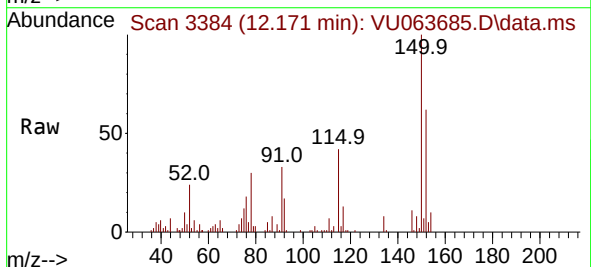
Tgt Ion:173 Resp: 3074
Ion Ratio Lower Upper
173 100
175 42.1 39.0 58.4
254 6.7 7.4 11.0

Manual Integrations
APPROVED

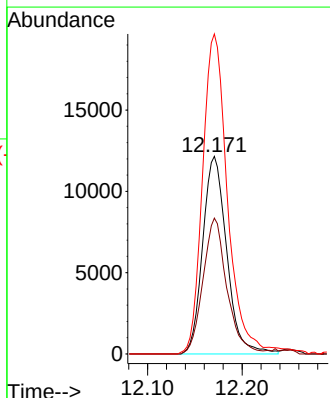
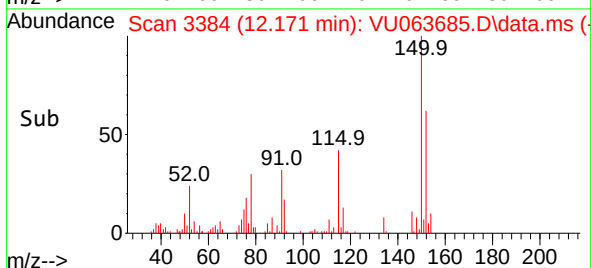
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

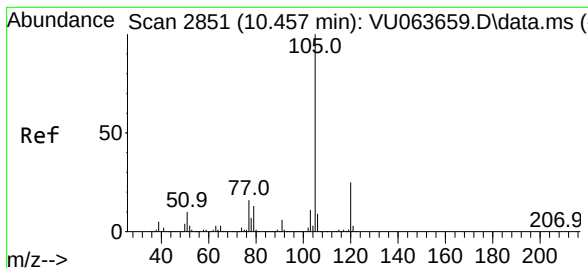


#68
1,2-Dichlorobenzene-d4
Concen: 0.922 ug/l
RT: 12.171 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28



Tgt Ion:152 Resp: 21489
Ion Ratio Lower Upper
152 100
115 68.3 0.0 247.2
150 169.9 0.0 643.6





#69

Isopropylbenzene

Concen: 0.448 ug/l

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

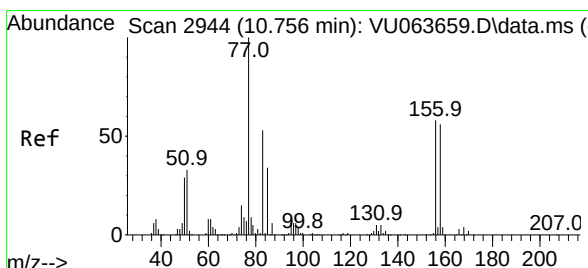
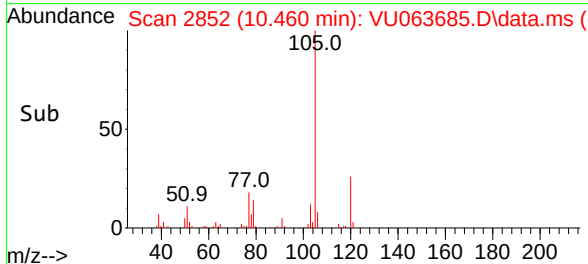
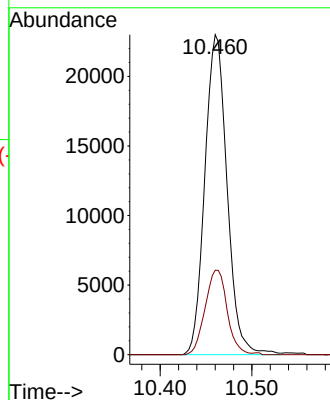
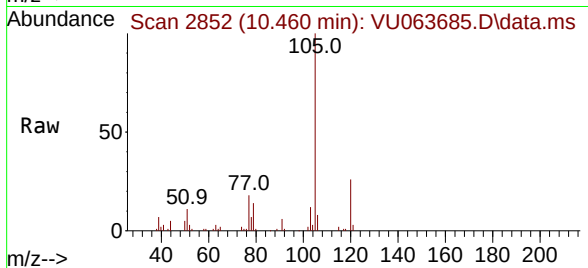
ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:105 Resp: 3874
 Ion Ratio Lower Upper
 105 100
 120 26.1 12.9 38.6

Manual Integrations
 APPROVED

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



#70

1,1,2,2-Tetrachloroethane

Concen: 0.443 ug/l

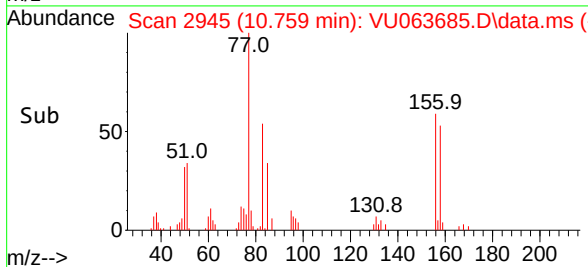
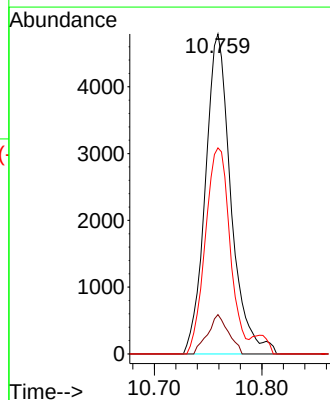
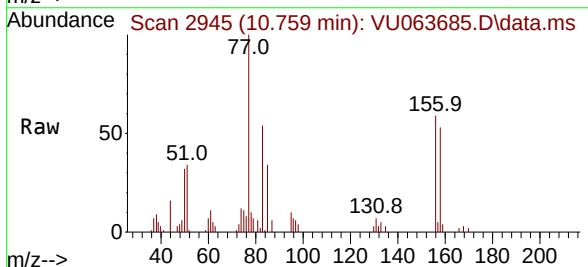
RT: 10.759 min Scan# 2945

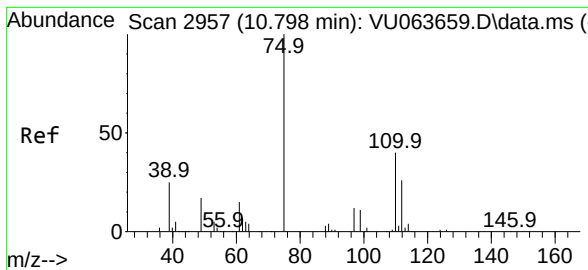
Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

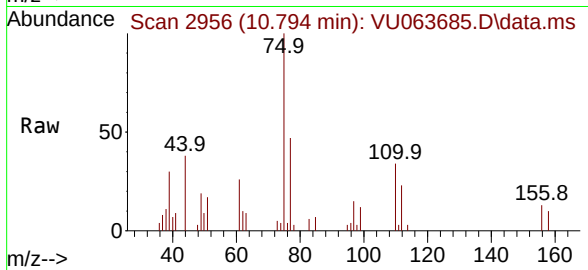
Tgt Ion: 83 Resp: 7905
 Ion Ratio Lower Upper
 83 100
 131 10.0 8.1 12.1
 85 62.4 51.0 76.6





#71
1,2,3-Trichloropropane
Concen: 0.427 ug/l m
RT: 10.794 min Scan# 2957
Delta R.T. -0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

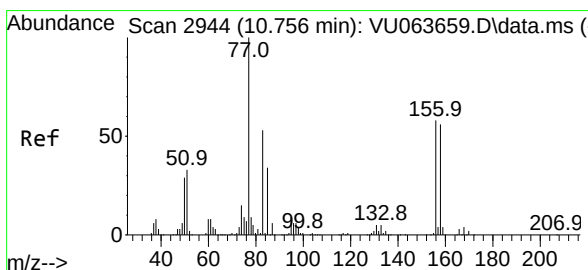
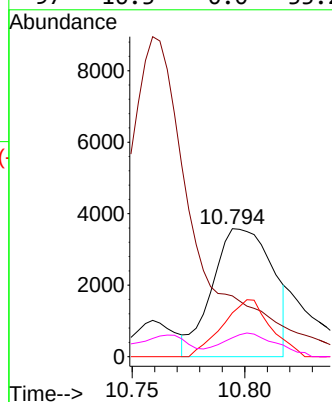
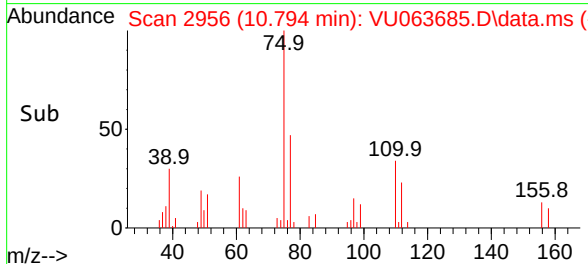
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2025



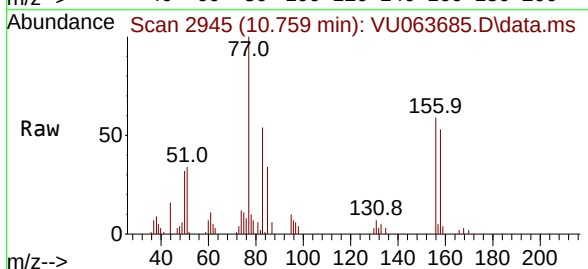
Tgt Ion: 75 Resp: 663
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 35.7 0.0 66.4
97 16.3 0.0 33.2

Manual Integrations
APPROVED

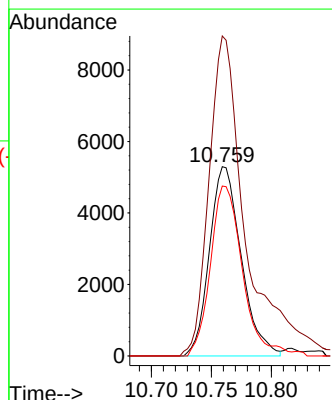
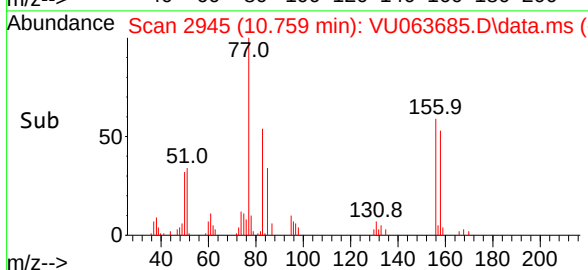
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

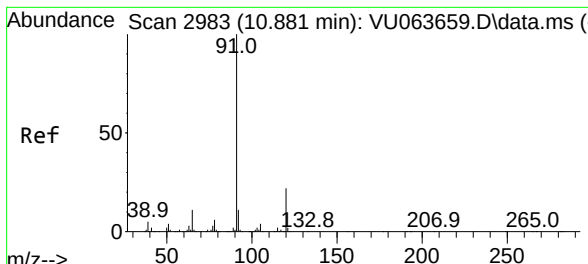


#72
Bromobenzene
Concen: 0.466 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28



Tgt Ion:156 Resp: 9745
Ion Ratio Lower Upper
156 100
77 195.2 0.0 337.2
158 90.9 0.0 191.8



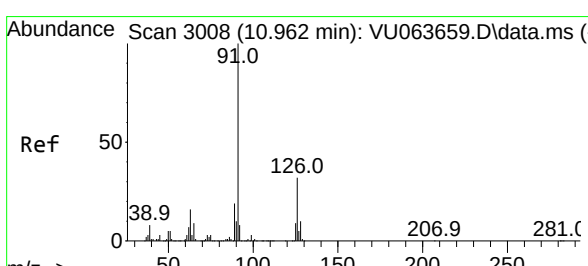
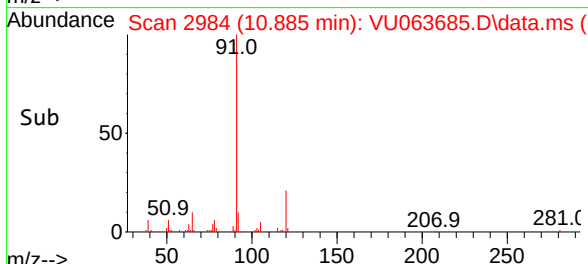
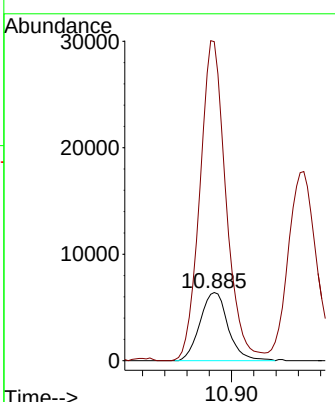
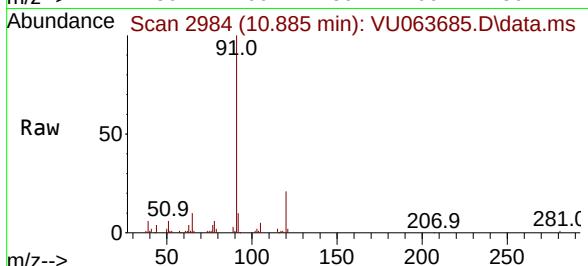


#73
 n-propylbenzene
 Concen: 0.457 ug/l
 RT: 10.885 min Scan# 2983
 Delta R.T. 0.003 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

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

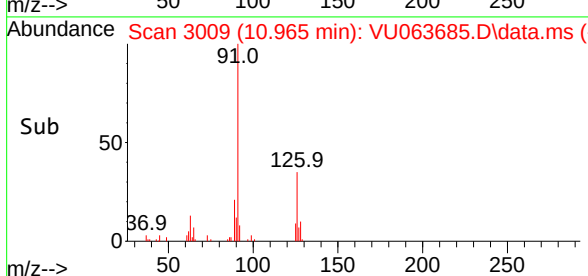
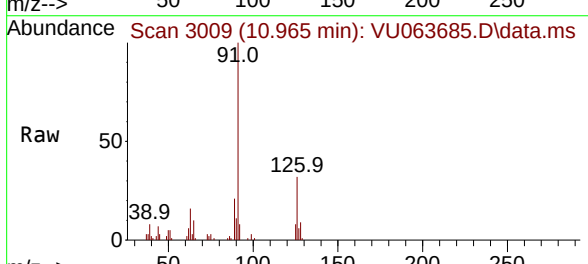
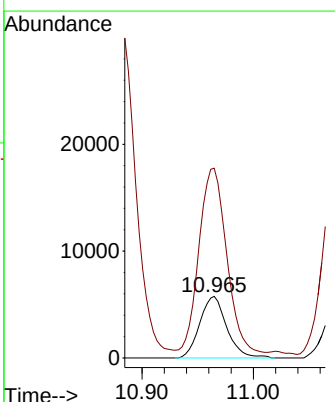
Tgt Ion:	120	Resp:	1122
Ion Ratio	Lower	Upper	
120	100		
91	436.9	361.4	542.2

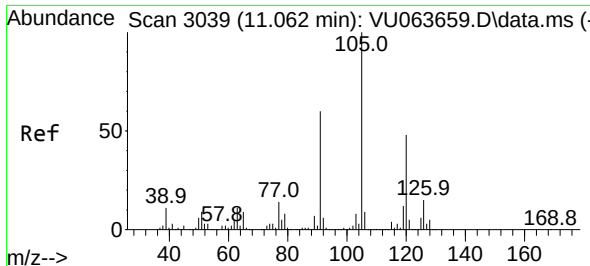
Manual Integrations
APPROVED
 Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#74
 2-Chlorotoluene
 Concen: 0.455 ug/l
 RT: 10.965 min Scan# 3009
 Delta R.T. 0.003 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

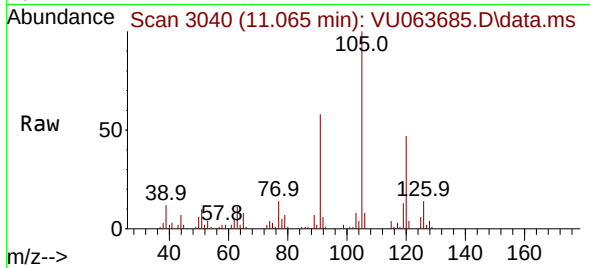
Tgt Ion:	126	Resp:	9682
Ion Ratio	Lower	Upper	
126	100		
91	310.9	0.0	634.8





#75
1,3,5-Trimethylbenzene
Concen: 0.431 ug/l
RT: 11.065 min Scan# 3039
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

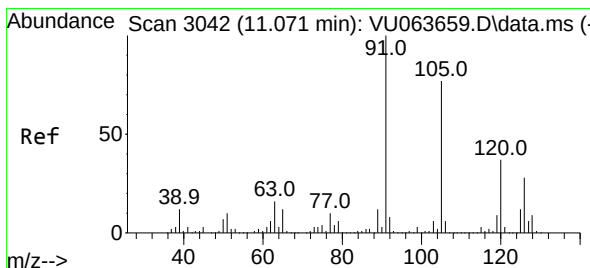
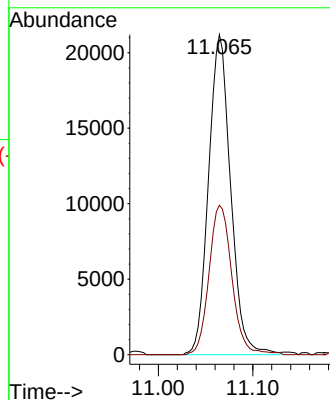
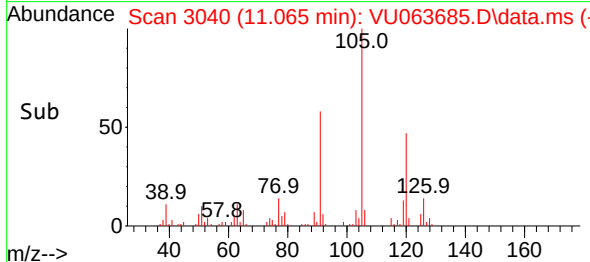
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



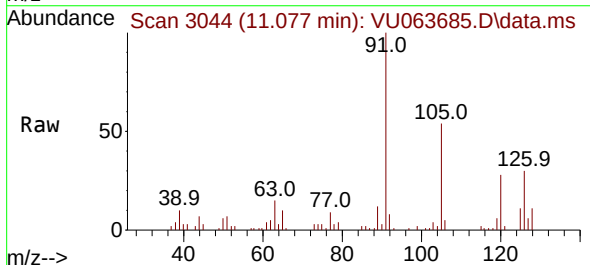
Tgt Ion:105 Resp: 3441
Ion Ratio Lower Upper
105 100
120 48.4 38.2 57.2

Manual Integrations
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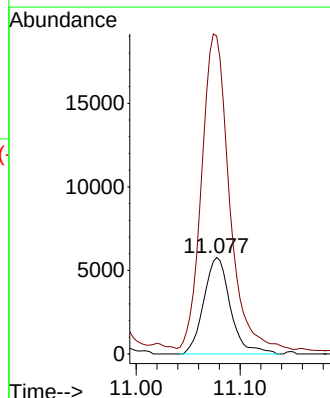
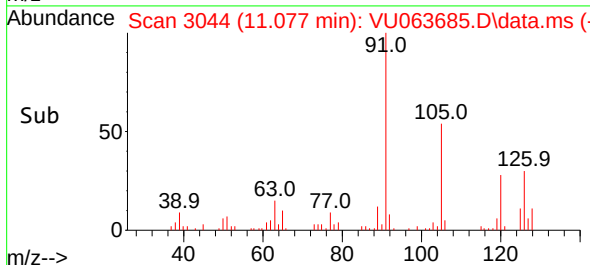
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

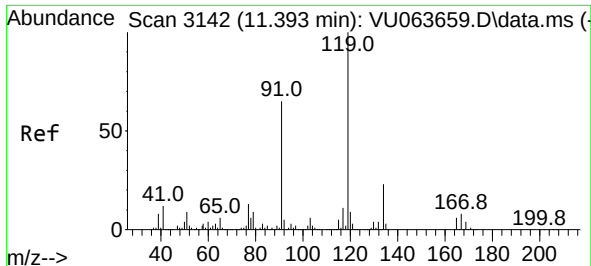


#76
4-Chlorotoluene
Concen: 0.479 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28



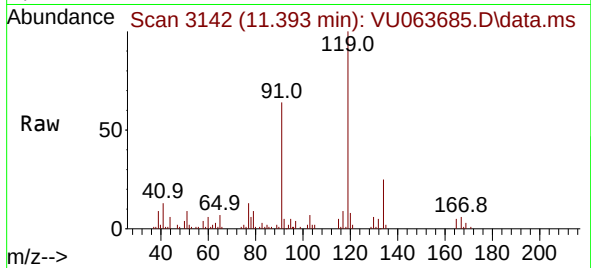
Tgt Ion:126 Resp: 10240
Ion Ratio Lower Upper
126 100
91 339.0 0.0 716.6





#77
tert-Butylbenzene
Concen: 0.441 ug/l
RT: 11.393 min Scan# 3142
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

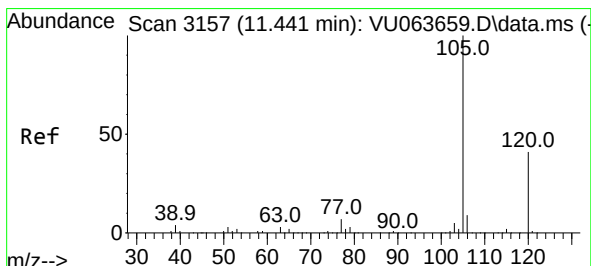
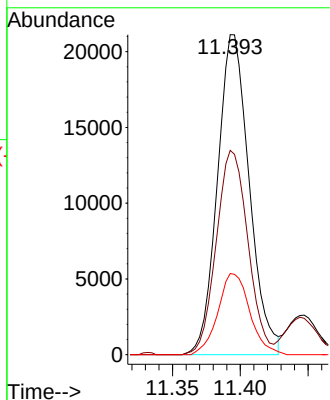
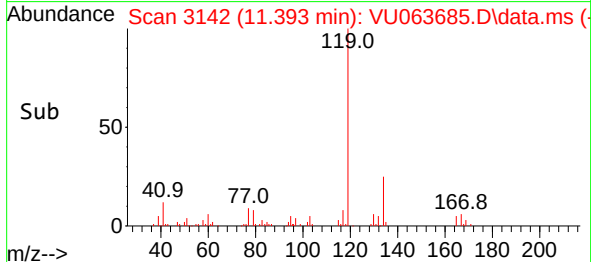
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



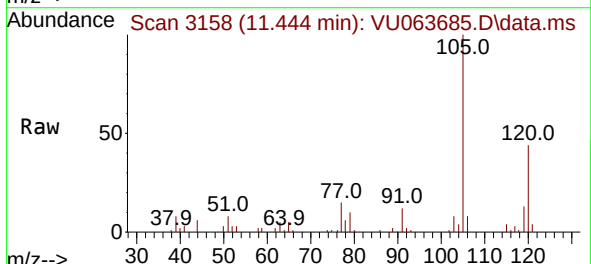
Tgt Ion:119 Resp: 3449
Ion Ratio Lower Upper
119 100
91 63.5 31.3 93.8
134 25.3 18.7 28.1

Manual Integrations
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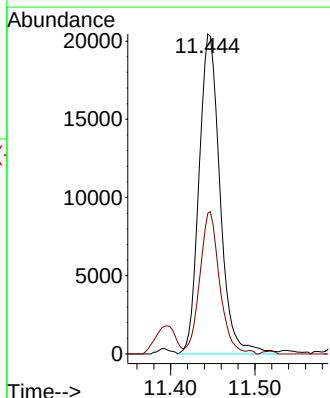
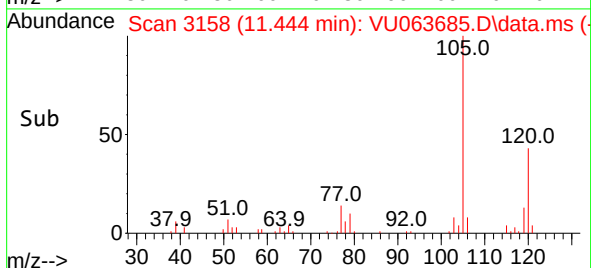
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

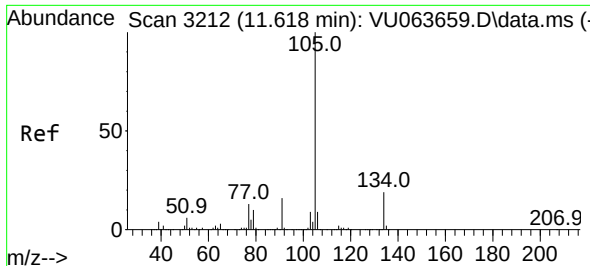


#78
1,2,4-Trimethylbenzene
Concen: 0.463 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28



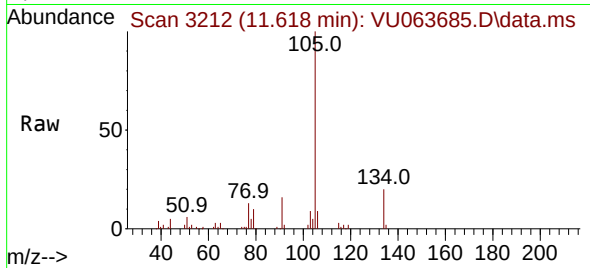
Tgt Ion:105 Resp: 35497
Ion Ratio Lower Upper
105 100
120 40.2 22.4 67.0





#79
 sec-Butylbenzene
 Concen: 0.446 ug/l
 RT: 11.618 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28

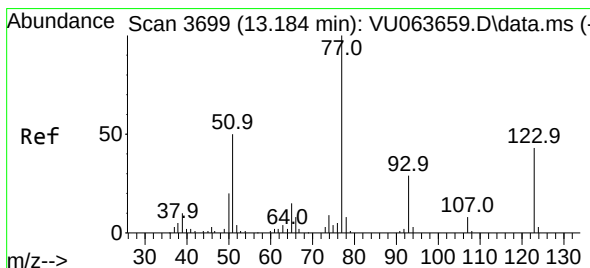
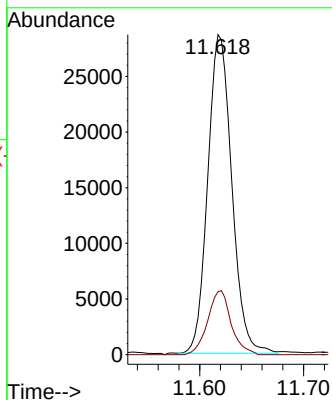
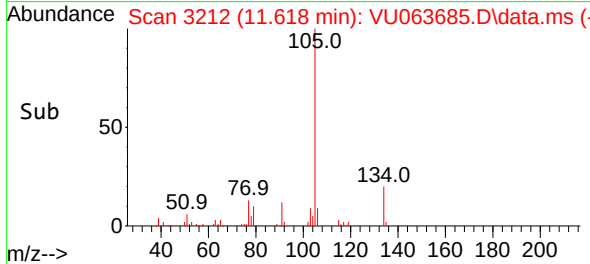
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2025



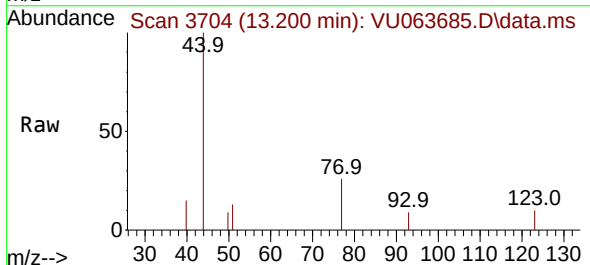
Tgt Ion:105 Resp: 45974
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.7 23.5

Manual Integrations
 APPROVED

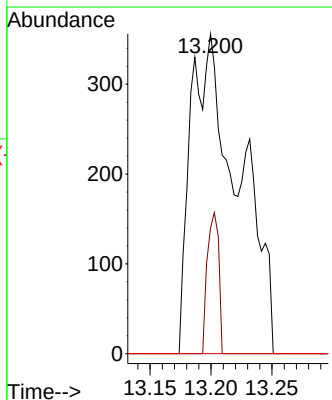
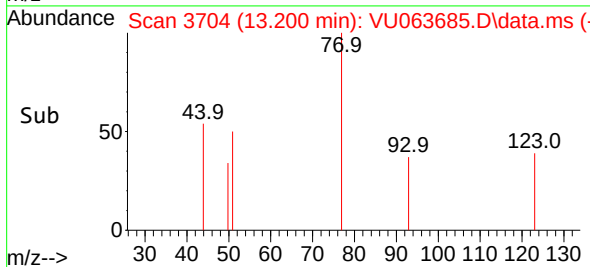
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

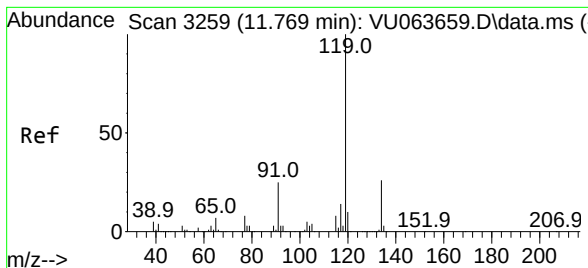


#80
 Nitrobenzene
 Concen: 1.548 ug/l m
 RT: 13.200 min Scan# 3704
 Delta R.T. 0.016 min
 Lab File: VU063685.D
 Acq: 07 Nov 2025 14:28



Tgt Ion: 77 Resp: 972
 Ion Ratio Lower Upper
 77 100
 123 10.5 18.2 64.4#
 65 0.0 13.6 17.2#





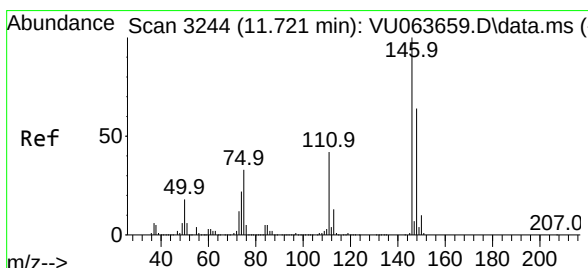
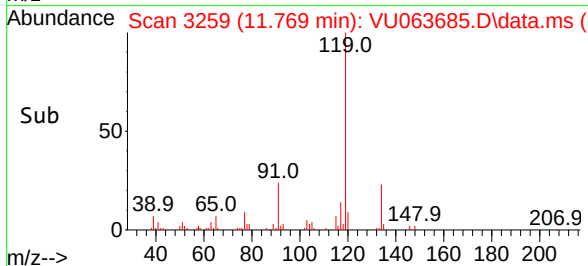
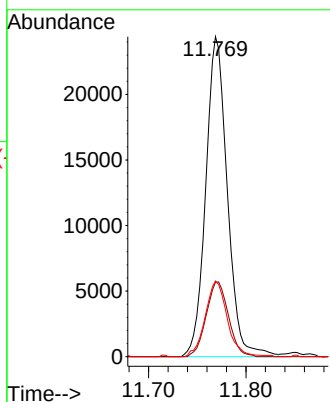
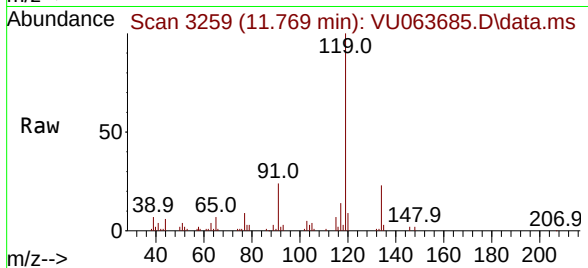
#81
p-Isopropyltoluene
Concen: 0.445 ug/l
RT: 11.769 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

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

Tgt Ion:119 Resp: 37524
Ion Ratio Lower Upper
119 100
134 24.0 20.3 30.5
91 24.2 20.1 30.1

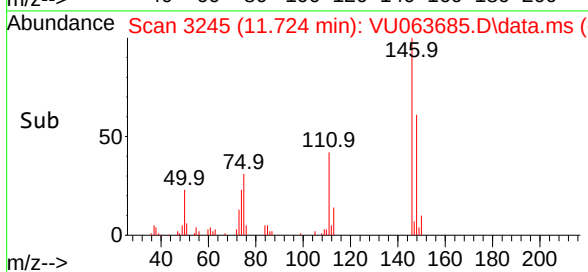
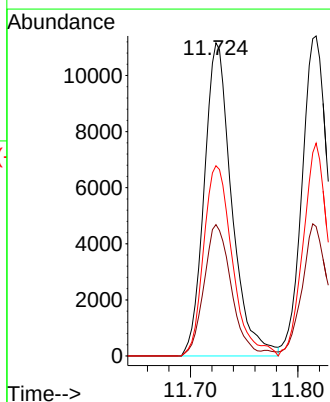
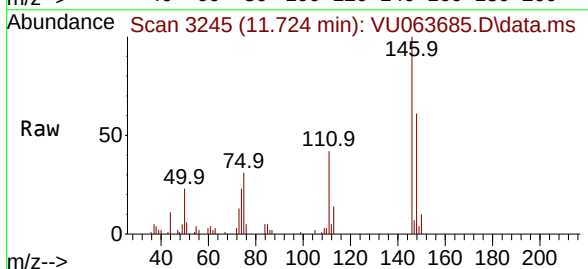
Manual Integrations
APPROVED

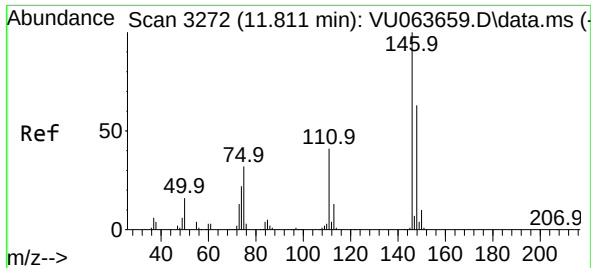
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#82
1,3-Dichlorobenzene
Concen: 0.491 ug/l
RT: 11.724 min Scan# 3245
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

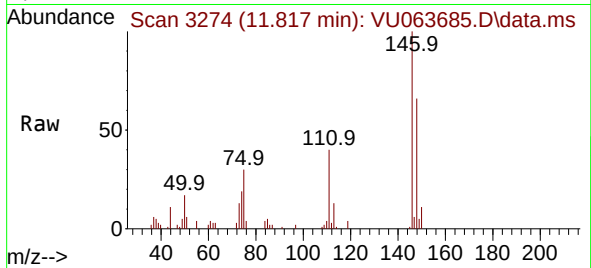
Tgt Ion:146 Resp: 19870
Ion Ratio Lower Upper
146 100
111 41.4 33.8 50.8
148 63.2 50.8 76.2





#83
1,4-Dichlorobenzene
Concen: 0.518 ug/l
RT: 11.817 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

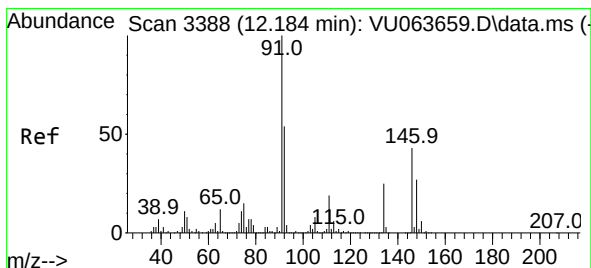
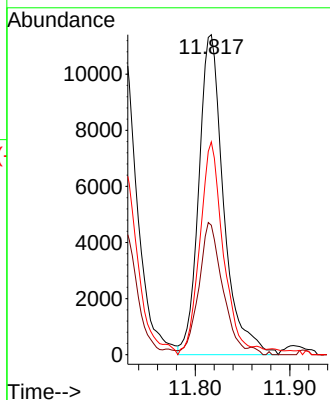
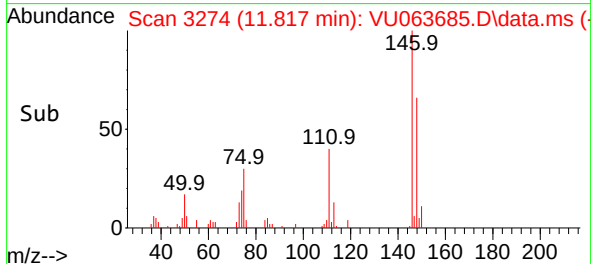
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



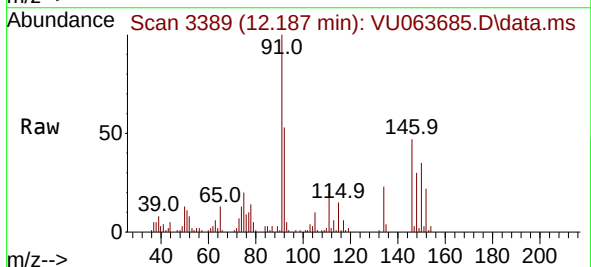
Tgt Ion:146 Resp: 2084
Ion Ratio Lower Upper
146 100
111 36.5 33.0 49.4
148 63.2 50.6 76.0

Manual Integrations
APPROVED

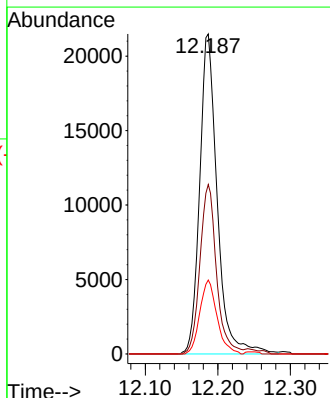
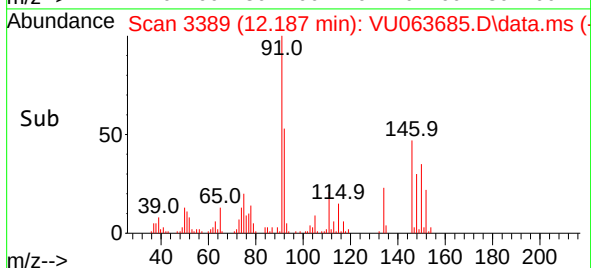
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

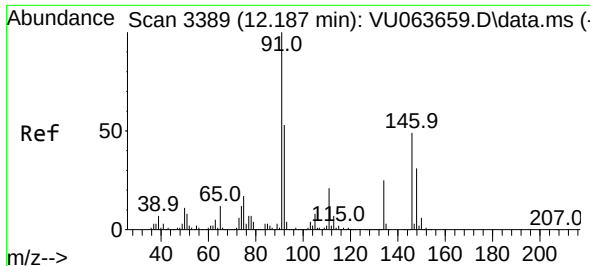


#84
n-Butylbenzene
Concen: 0.478 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28



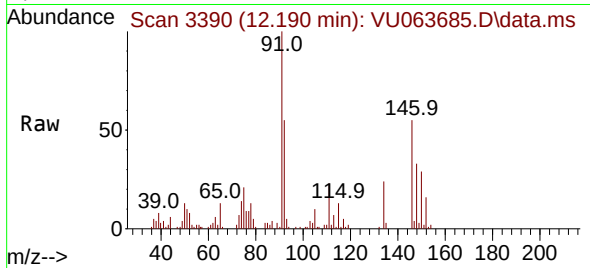
Tgt Ion: 91 Resp: 36115
Ion Ratio Lower Upper
91 100
92 49.9 43.1 64.7
134 22.6 19.7 29.5





#85
1,2-Dichlorobenzene
Concen: 0.479 ug/l
RT: 12.190 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

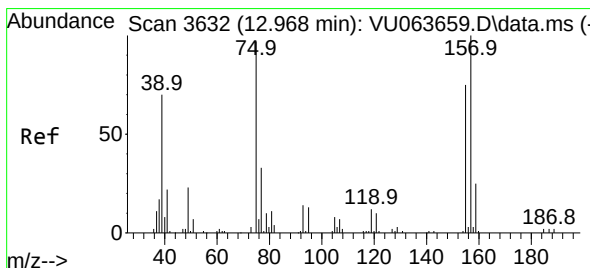
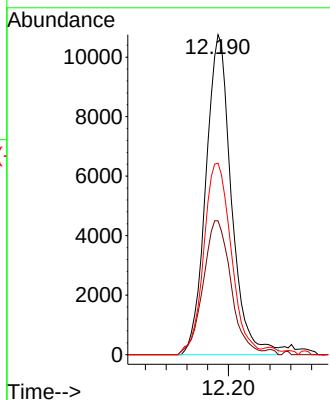
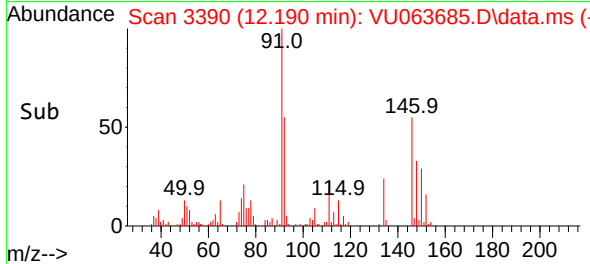
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:146 Resp: 18329
Ion Ratio Lower Upper
146 100
111 45.5 22.2 66.6
148 64.4 31.9 95.5

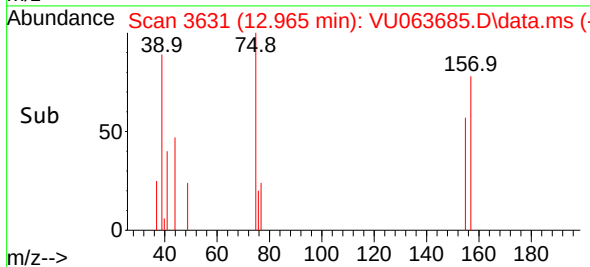
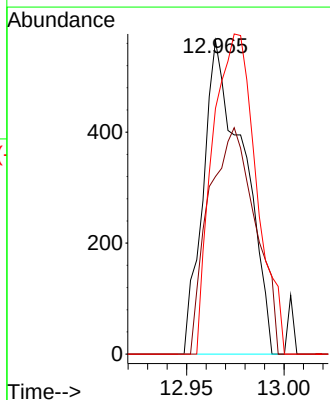
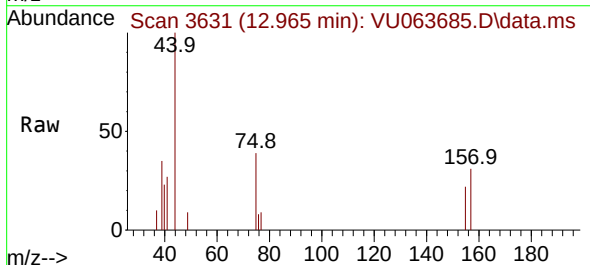
Manual Integrations
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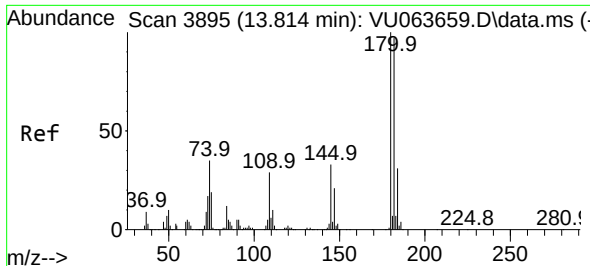
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.276 ug/l
RT: 12.965 min Scan# 3631
Delta R.T. -0.003 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

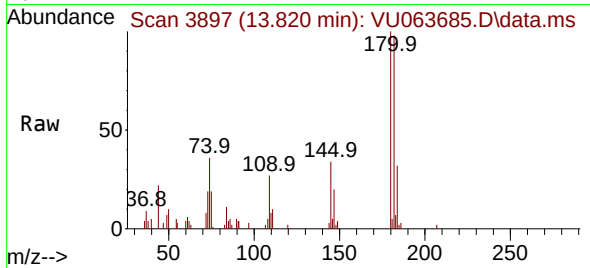
Tgt Ion: 75 Resp: 816
Ion Ratio Lower Upper
75 100
155 83.6 62.2 93.4
157 110.4 81.3 121.9





#87
1,2,4-Trichlorobenzene
Concen: 0.524 ug/l
RT: 13.820 min Scan# 3897
Delta R.T. 0.006 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

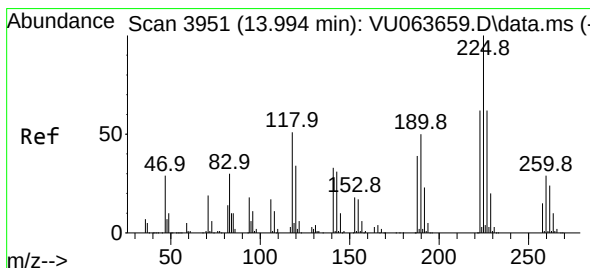
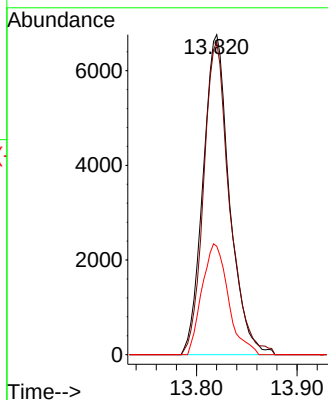
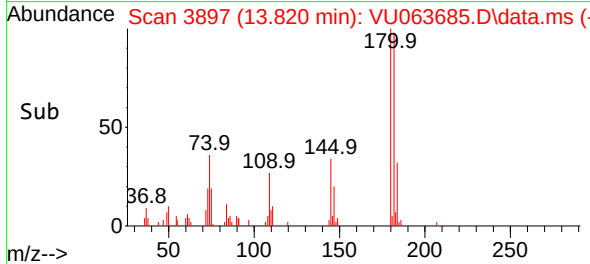
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:180 Resp: 1235
Ion Ratio Lower Upper
180 100
182 95.8 76.4 114.6
145 34.3 26.2 39.2

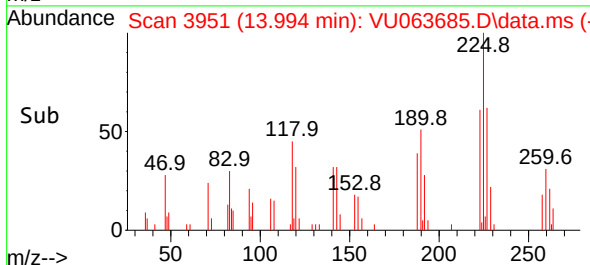
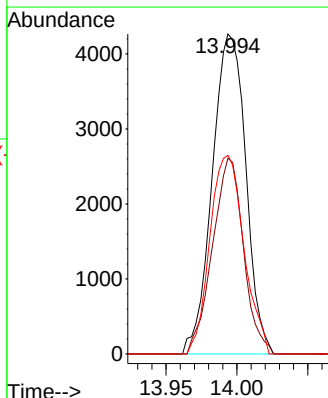
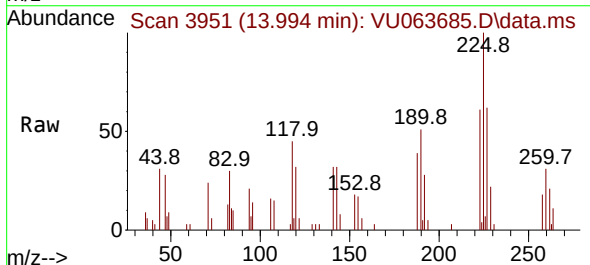
Manual Integrations
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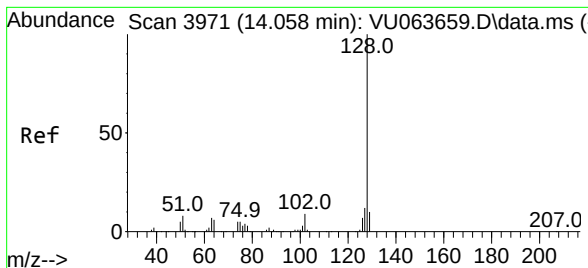
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#88
Hexachlorobutadiene
Concen: 0.501 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063685.D
Acq: 07 Nov 2025 14:28

Tgt Ion:225 Resp: 7029
Ion Ratio Lower Upper
225 100
223 56.6 50.2 75.4
227 62.9 50.0 75.0





#89

Naphthalene

Concen: 0.553 ug/l

RT: 14.068 min Scan# 3971

Delta R.T. 0.009 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2025

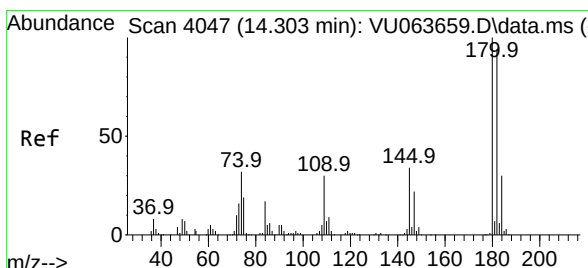
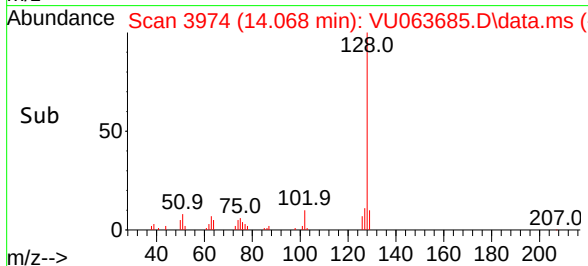
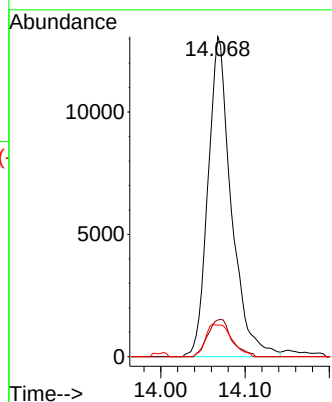
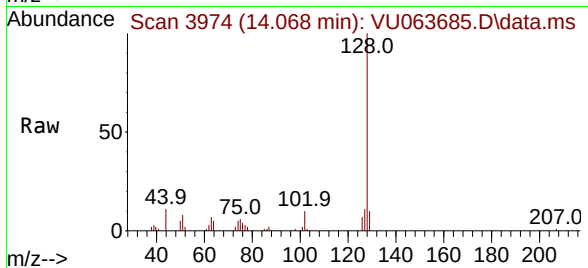
Tgt Ion:128	Resp: 25118
Ion Ratio	Lower Upper
128 100	
127 12.0	10.2 15.2
129 11.3	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#90

1,2,3-Trichlorobenzene

Concen: 0.542 ug/l

RT: 14.306 min Scan# 4048

Delta R.T. 0.003 min

Lab File: VU063685.D

Acq: 07 Nov 2025 14:28

Tgt Ion:180	Resp: 11697
Ion Ratio	Lower Upper
180 100	
182 99.9	75.4 113.0
145 32.8	27.4 41.2

