

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
 Data File : VU063528.D
 Acq On : 17 Jul 2025 16:49
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Quant Time: Jul 18 05:07:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 18 05:06:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

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

Internal Standards						
1) Fluorobenzene	6.097	96	21309	1.000 ug/l	#	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	8050	0.998 ug/l		0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	7934	1.063 ug/l		0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	5454	0.868 ug/l		94
3) Chloromethane	1.518	50	5709	0.977 ug/l		100
4) Vinyl Chloride	1.599	62	6933	0.932 ug/l		99
5) Bromomethane	1.846	94	6074	1.083 ug/l		100
6) Chloroethane	1.924	64	4128	0.919 ug/l		94
7) Trichlorofluoromethane	2.129	101	10526	0.986 ug/l		98
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	5254	0.941 ug/l		98
9) 1,1-Dichloroethene	2.567	96	5210	0.942 ug/l		100
10) Iodomethane	2.708	142	2871	0.430 ug/l		94
11) Allyl Chloride	2.911	41	6784	0.849 ug/l	#	79
12) Acrylonitrile	3.306	53	2689	1.943 ug/l		93
13) Acetone	2.621	43	5008	4.517 ug/l		92
14) Carbon Disulfide	2.776	76	14016	0.784 ug/l		99
15) Methylene Chloride	3.030	84	6777	1.040 ug/l		94
16) trans-1,2-Dichloroethene	3.335	96	5847	0.931 ug/l		98
17) 1,1-Dichloroethane	3.849	63	11630	0.999 ug/l		98
18) 2-Butanone	4.718	43	7689	4.479 ug/l		98
19) Cyclohexane	5.354	56	9234	0.936 ug/l		100
20) Methylcyclohexane	6.740	83	7743m	0.808 ug/l		
21) 2,2-Dichloropropane	4.647	77	8389	0.846 ug/l		99
22) cis-1,2-Dichloroethene	4.647	96	6524	0.957 ug/l		98
23) Diethyl Ether	2.370	59	4034	0.957 ug/l	#	90
24) tert-Butyl Alcohol	3.200	59	5132	10.085 ug/l		98
25) Methyl tert-Butyl Ether	3.361	73	14038	0.972 ug/l	#	87
26) Bromochloromethane	4.952	128	2647	0.930 ug/l		91
27) Chloroform	5.071	83	11684	0.983 ug/l		96
28) 1,1,1-Trichloroethane	5.293	97	9333	0.925 ug/l		99
29) 1,1-Dichloropropene	5.502	75	9013	0.965 ug/l		95
30) Carbon Tetrachloride	5.499	117	7166	0.883 ug/l		87
31) Isopropyl Ether	3.994	45	17255	0.982 ug/l		99
32) Ethyl-t-butyl ether	4.509	59	16439	1.011 ug/l		98
33) Tert-Amyl methyl ether	5.943	73	14276	1.011 ug/l		100
34) Propionitrile	4.782	54	2593m	4.957 ug/l		
35) Benzene	5.753	78	24952	0.994 ug/l		99
36) 1,2-Dichloroethane	5.779	62	8309	1.065 ug/l		96
37) Trichloroethene	6.525	130	5075	0.792 ug/l		100
38) 1,2-Dichloropropane	6.782	63	4733	0.806 ug/l		98
39) Methacrylonitrile	4.975	41	1933	0.831 ug/l	#	71
40) Methyl acrylate	4.853	55	2832	0.833 ug/l	#	87
41) Tetrahydrofuran	5.062	42	2799	2.288 ug/l	#	89
42) 1-Chlorobutane	5.438	56	11380	0.916 ug/l		97
43) Dibromomethane	6.910	93	2672	0.878 ug/l	#	83
44) Bromodichloromethane	7.097	83	5061	0.737 ug/l	#	94

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 Sample : RL-CHECK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

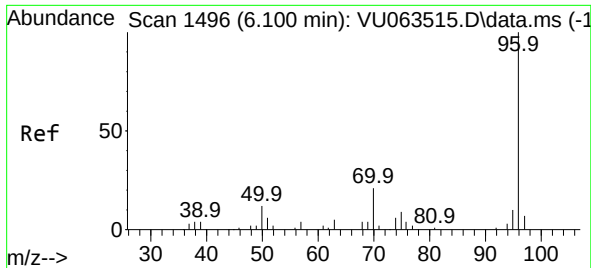
Quant Time: Jul 18 05:07:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 18 05:06:32 2025
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 Supervised By :Semsettin Yesilyurt 07/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	13359	4.259	ug/l	98
46) t-1,4-Dichloro-2-butene	10.823	75	2046m	1.738	ug/l	
47) Methyl methacrylate	6.968	69	4076	1.595	ug/l	97
48) Ethyl methacrylate	8.338	69	4025	0.825	ug/l	98
49) Toluene	7.962	92	11337	0.827	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	3515	0.653	ug/l	94
51) cis-1,3-Dichloropropene	7.602	75	4886	0.676	ug/l #	88
52) 1,1,2-Trichloroethane	8.396	97	3542	0.864	ug/l	95
53) 1,3-Dichloropropane	8.573	76	6036	0.853	ug/l	98
54) 2-Hexanone	8.695	43	8315	3.991	ug/l	99
55) Dibromochloromethane	8.801	129	2873	0.663	ug/l	96
56) 1,2-Dibromoethane	8.920	107	3039	0.829	ug/l	98
58) Tetrachloroethene	8.541	164	4783	0.816	ug/l	98
59) Chlorobenzene	9.441	112	13681	0.869	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	3749	0.741	ug/l	99
61) Pentachloroethane	11.418	117	2708	0.757	ug/l	89
62) Hexachloroethane	12.467	117	2275	0.642	ug/l	95
63) Ethyl Benzene	9.563	91	23112	0.853	ug/l	99
64) m/p-Xylenes	9.688	106	17011	1.616	ug/l	98
65) o-Xylene	10.094	106	8001	0.791	ug/l	89
66) Styrene	10.113	104	13102	0.813	ug/l	98
67) Bromoform	10.287	173	1337	0.601	ug/l #	95
69) Isopropylbenzene	10.476	105	20196	0.826	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	4524	0.907	ug/l #	91
71) 1,2,3-Trichloropropane	10.817	75	3281m	0.810	ug/l	
72) Bromobenzene	10.775	156	5120	0.811	ug/l	78
73) n-propylbenzene	10.901	120	6774	0.920	ug/l	94
74) 2-Chlorotoluene	10.981	126	5466	0.840	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	18412	0.788	ug/l	99
76) 4-Chlorotoluene	11.094	126	5340	0.808	ug/l	90
77) tert-Butylbenzene	11.412	119	18378	0.823	ug/l	95
78) 1,2,4-Trimethylbenzene	11.463	105	18250	0.787	ug/l	97
79) sec-Butylbenzene	11.637	105	24871	0.826	ug/l	97
80) Nitrobenzene	13.225	77	62	0.709	ug/l #	44
81) p-Isopropyltoluene	11.785	119	19522	0.777	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	10465	0.829	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	10927	0.864	ug/l	98
84) n-Butylbenzene	12.203	91	18903	0.811	ug/l	96
85) 1,2-Dichlorobenzene	12.206	146	9867	0.832	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.987	75	461	0.650	ug/l #	79
87) 1,2,4-Trichlorobenzene	13.836	180	5461	0.740	ug/l	97
88) Hexachlorobutadiene	14.013	225	3214	0.767	ug/l	96
89) Naphthalene	14.090	128	10211	0.772	ug/l #	97
90) 1,2,3-Trichlorobenzene	14.328	180	5381	0.789	ug/l	95

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



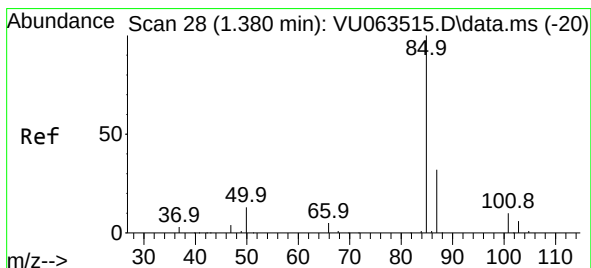
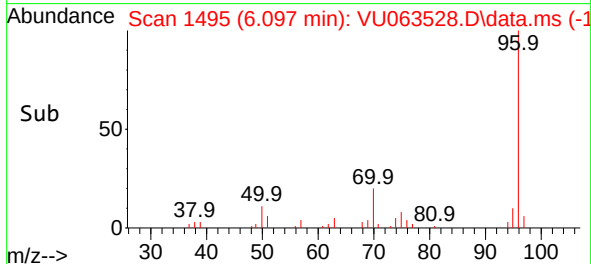
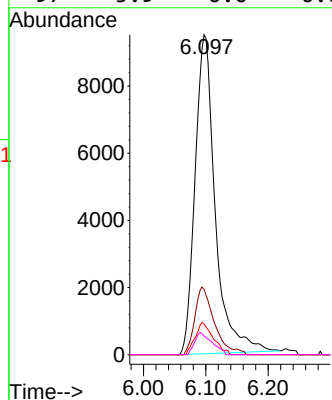
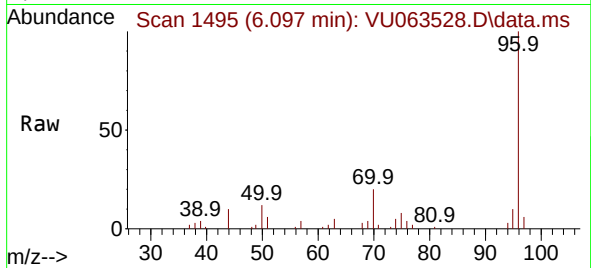
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 96 Resp: 21309
Ion Ratio Lower Upper
96 100
70 20.5 15.0 22.4
95 9.0 7.4 11.0
97 5.9 0.0 0.0#

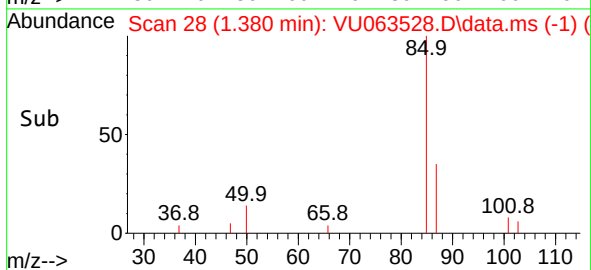
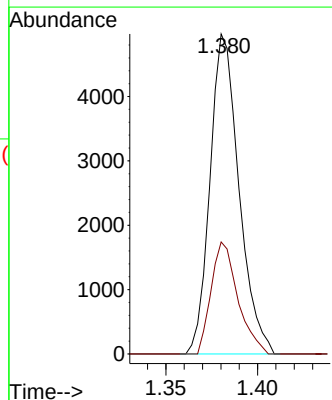
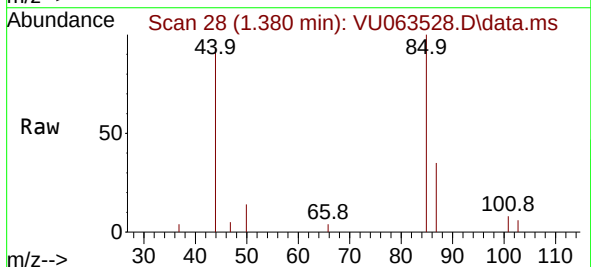
Manual Integrations
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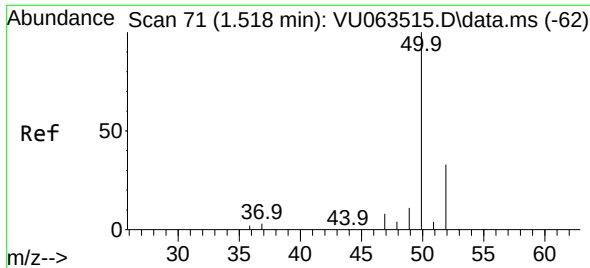
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#2
Dichlorodifluoromethane
Concen: 0.868 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

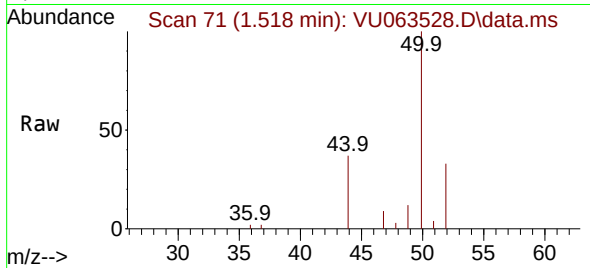
Tgt Ion: 85 Resp: 5454
Ion Ratio Lower Upper
85 100
87 35.0 16.0 47.9





#3
Chloromethane
Concen: 0.977 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

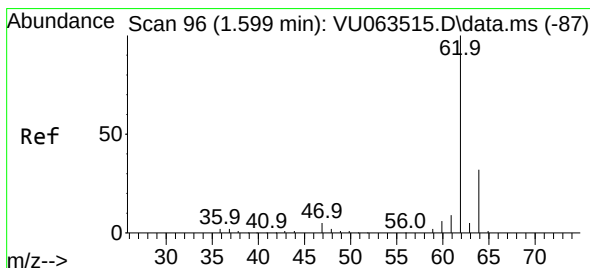
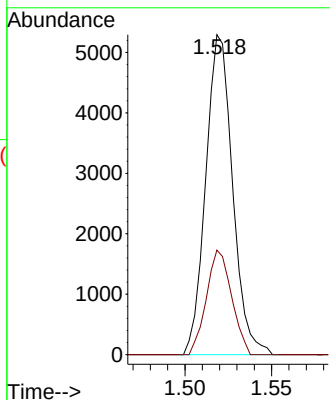
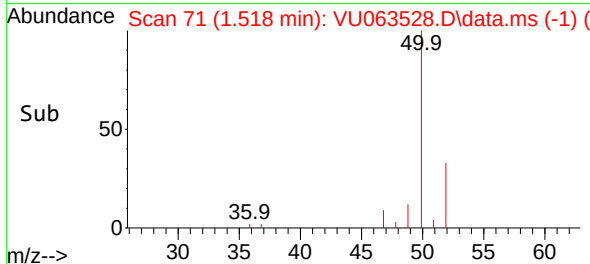
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 50 Resp: 5709
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5

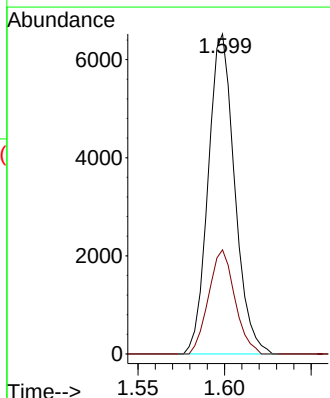
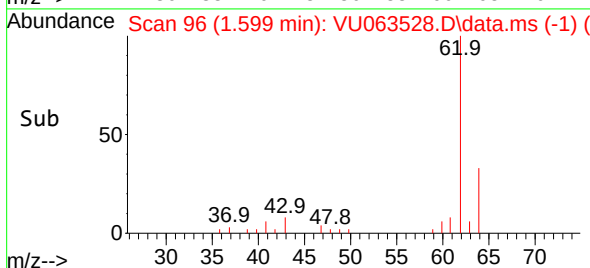
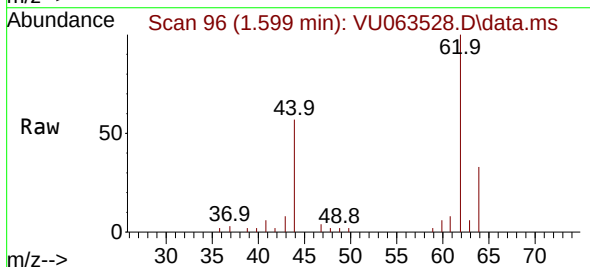
Manual Integrations
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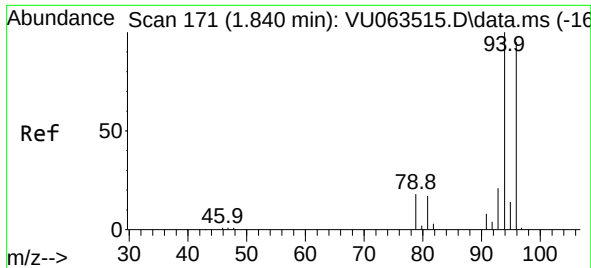
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#4
Vinyl Chloride
Concen: 0.932 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

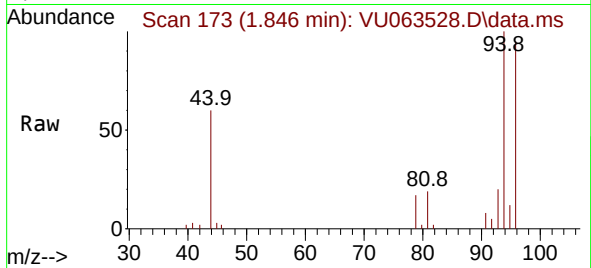
Tgt Ion: 62 Resp: 6933
Ion Ratio Lower Upper
62 100
64 32.5 25.7 38.5





#5
Bromomethane
Concen: 1.083 ug/l
RT: 1.846 min Scan# 171
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

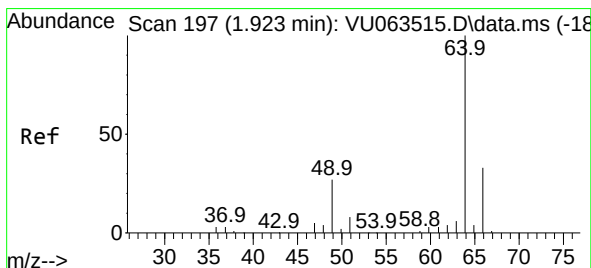
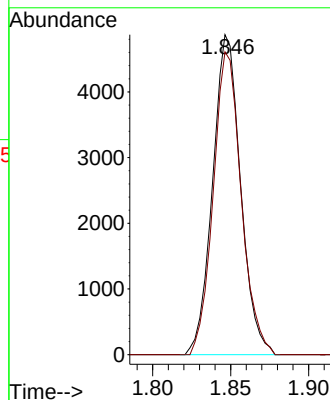
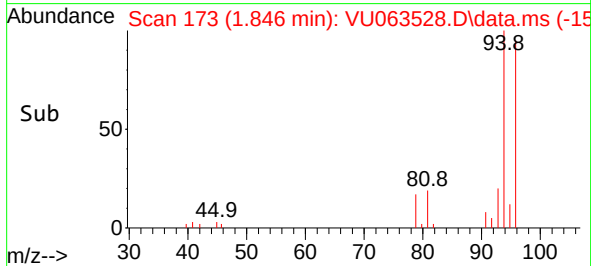
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 94 Resp: 6074
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.6

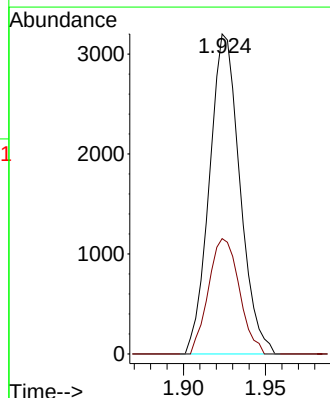
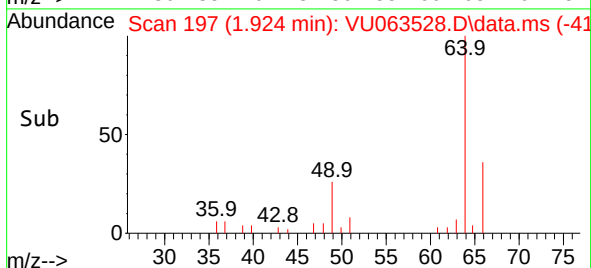
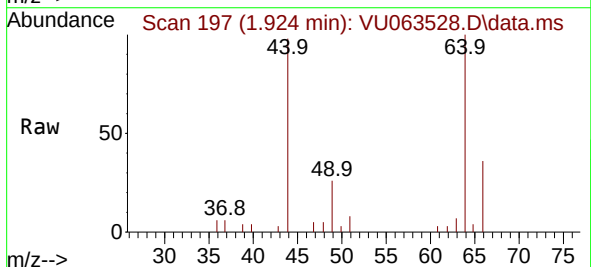
Manual Integrations
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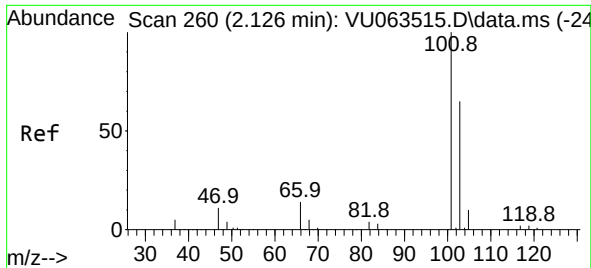
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#6
Chloroethane
Concen: 0.919 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

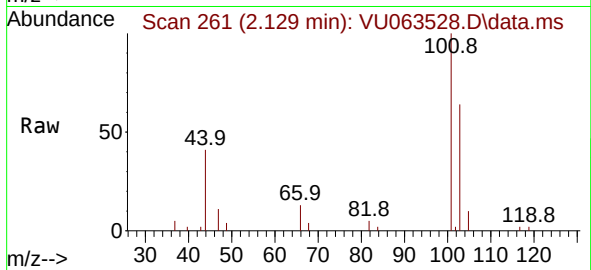
Tgt Ion: 64 Resp: 4128
Ion Ratio Lower Upper
64 100
66 36.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 0.986 ug/l
RT: 2.129 min Scan# 261
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

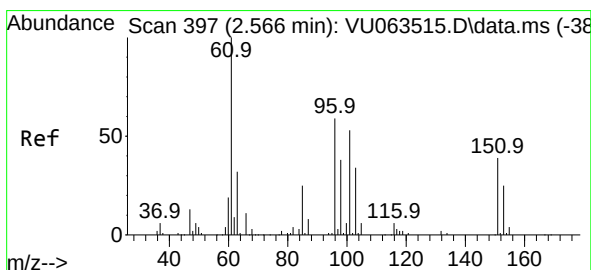
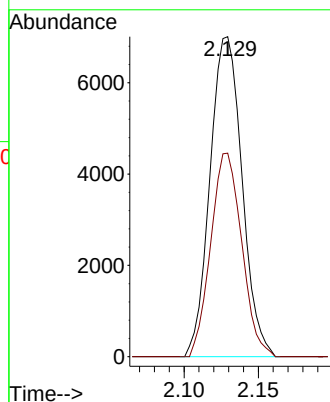
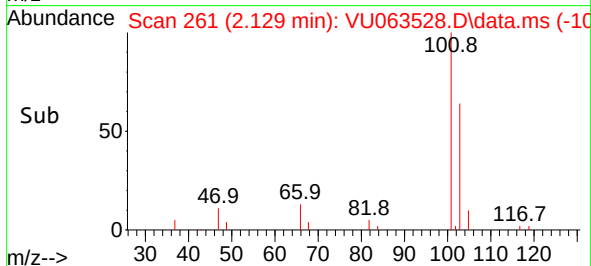
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



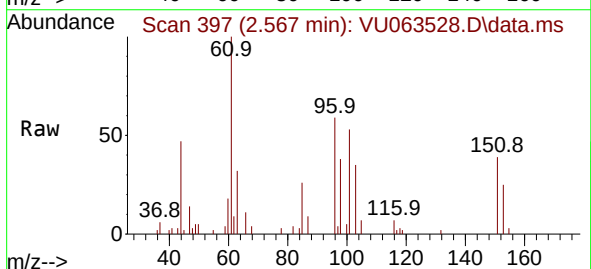
Tgt Ion:101 Resp: 10520
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.4

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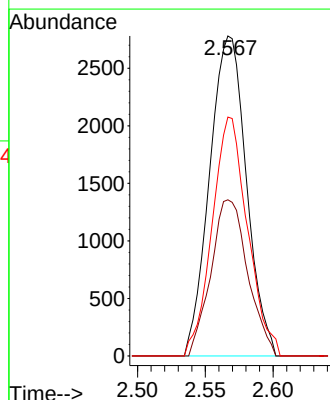
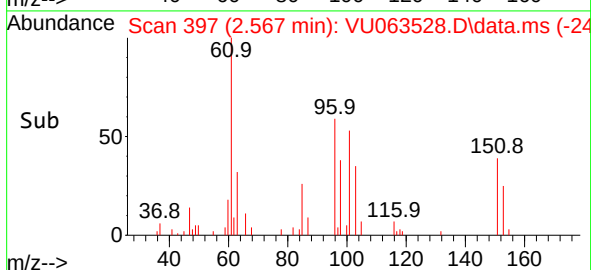
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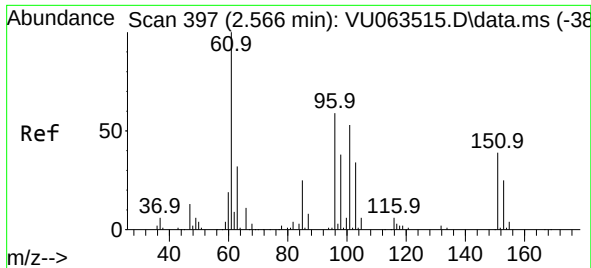


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.941 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49



Tgt Ion:101 Resp: 5254
Ion Ratio Lower Upper
101 100
85 48.8 37.8 56.6
151 71.9 59.2 88.8





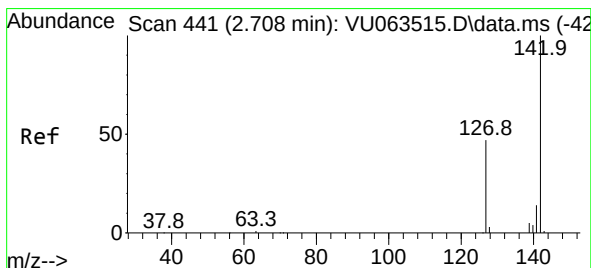
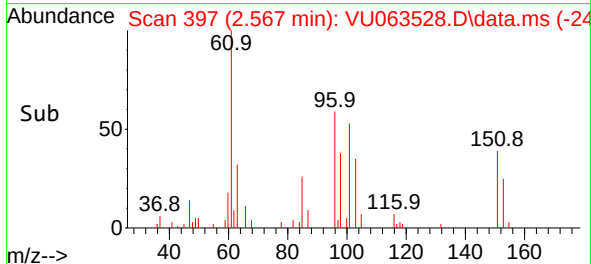
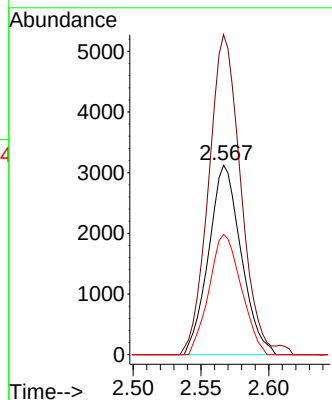
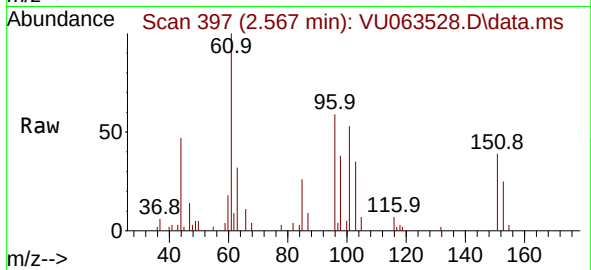
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1,1-Dichloroethene
Concen: 0.942 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 96 Resp: 5210
Ion Ratio Lower Upper
96 100
61 168.9 0.0 504.3
98 63.5 0.0 126.8

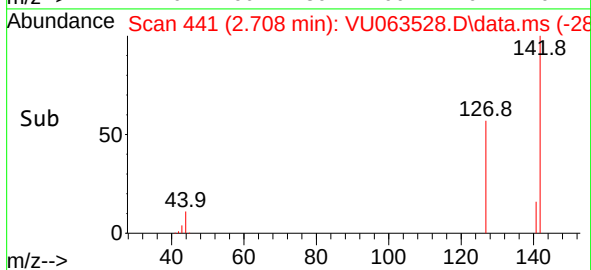
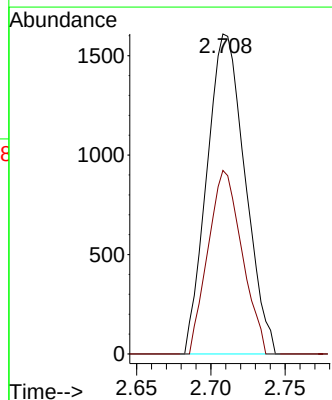
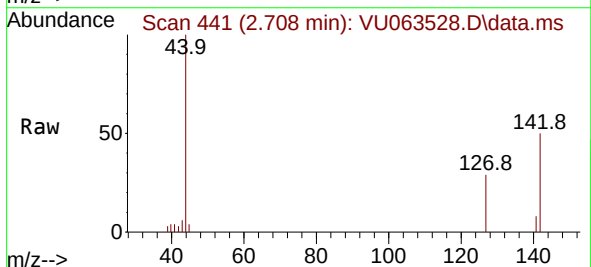
Manual Integrations
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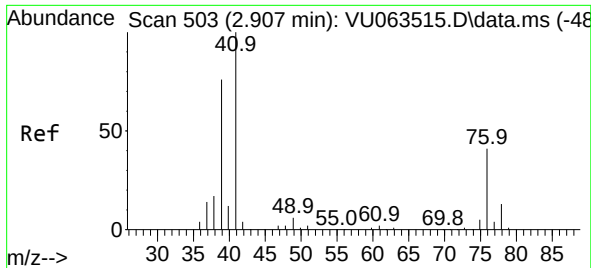
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#10
Iodomethane
Concen: 0.430 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

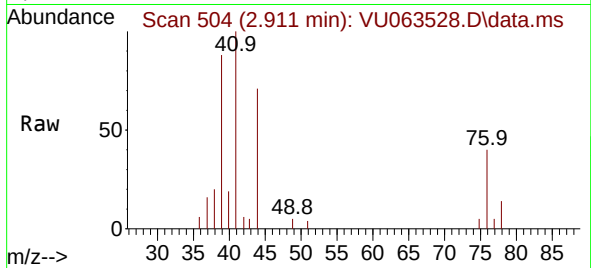
Tgt Ion:142 Resp: 2871
Ion Ratio Lower Upper
142 100
127 51.1 37.9 56.9





#11
 Allyl Chloride
 Concen: 0.849 ug/l
 RT: 2.911 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

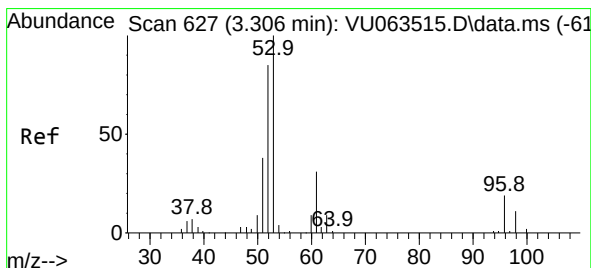
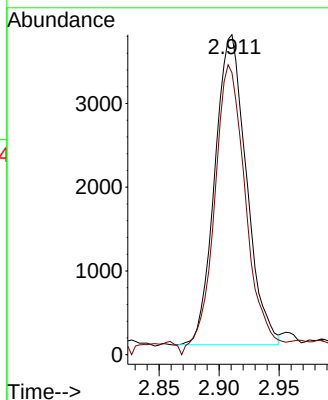
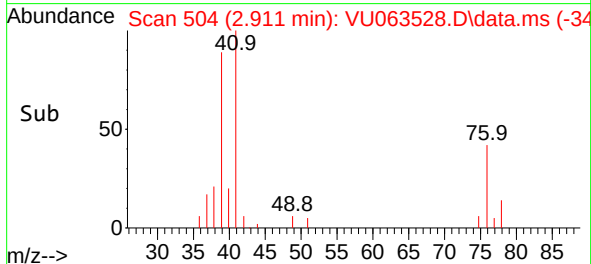
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



Tgt Ion: 41 Resp: 6784
 Ion Ratio Lower Upper
 41 100
 39 94.6 61.5 92.3

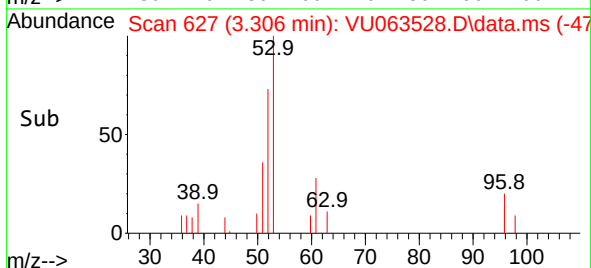
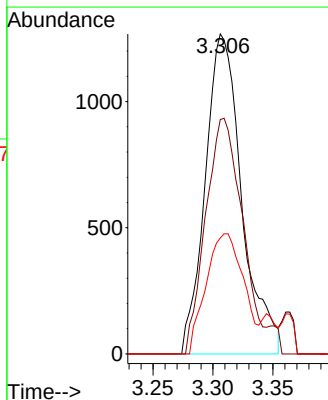
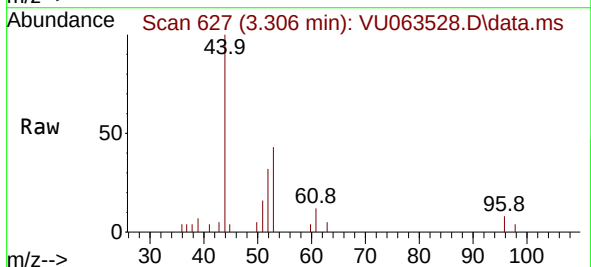
Manual Integrations
 APPROVED

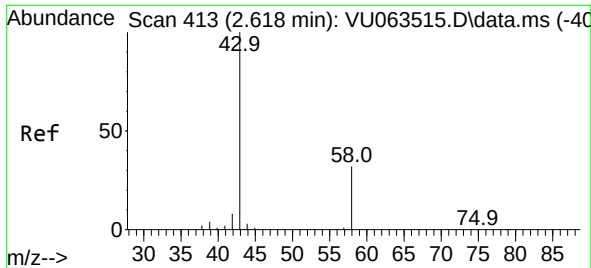
Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#12
 Acrylonitrile
 Concen: 1.943 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

Tgt Ion: 53 Resp: 2689
 Ion Ratio Lower Upper
 53 100
 52 74.0 64.3 96.5
 51 38.8 27.8 41.8





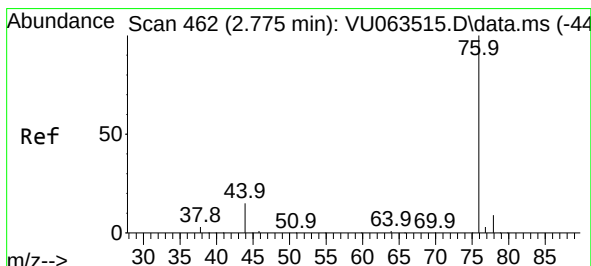
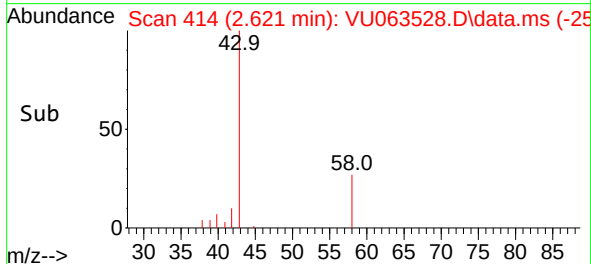
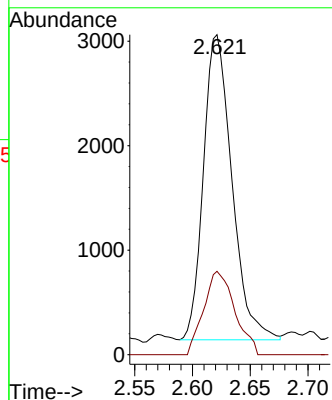
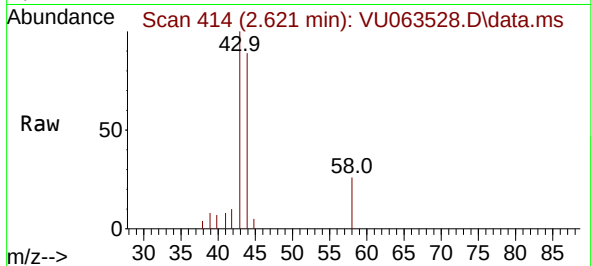
#13
Acetone
Concen: 4.517 ug/l
RT: 2.621 min Scan# 413
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
58 27.3 25.4 38.0

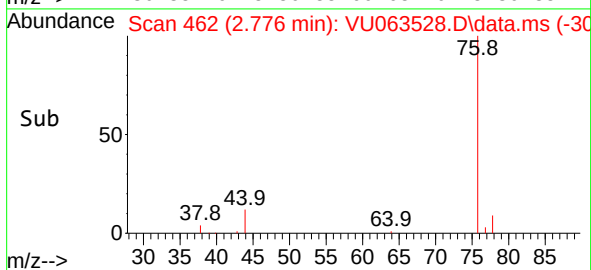
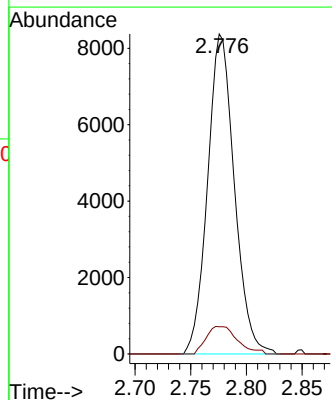
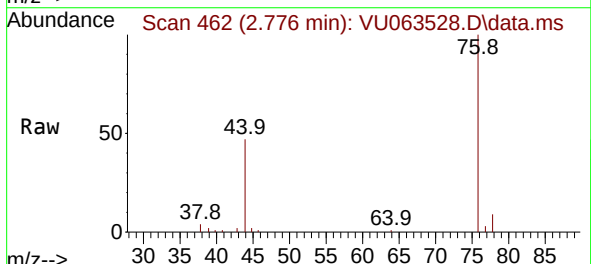
Manual Integrations
APPROVED

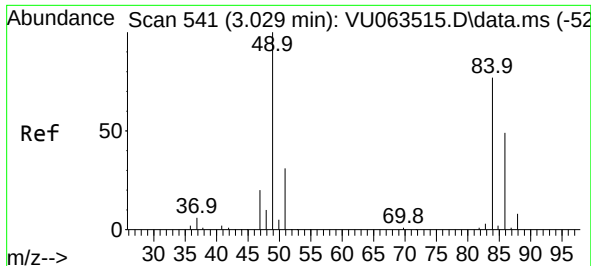
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#14
Carbon Disulfide
Concen: 0.784 ug/l
RT: 2.776 min Scan# 462
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

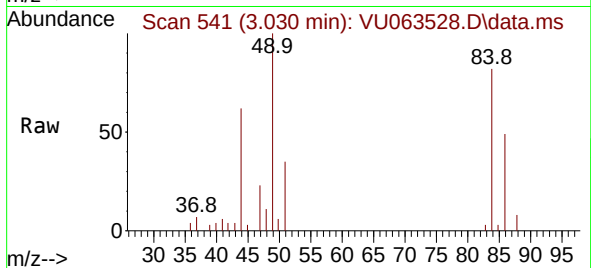
Tgt Ion: 76 Resp: 14016
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6





#15
Methylene Chloride
Concen: 1.040 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

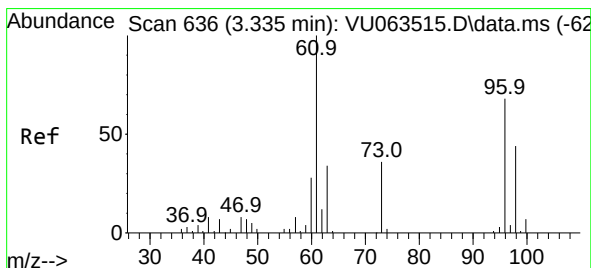
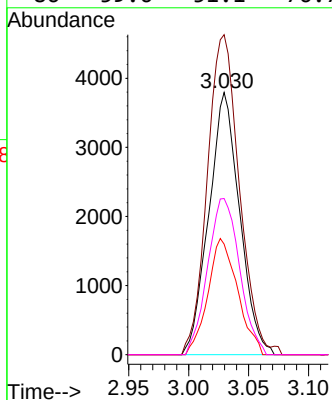
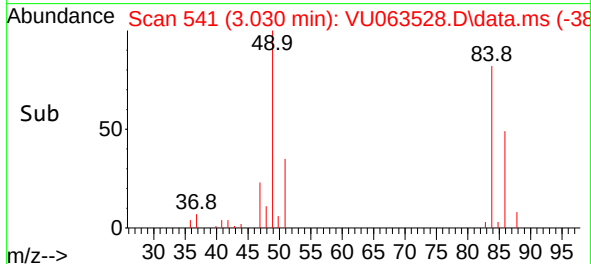
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 84 Resp: 677
Ion Ratio Lower Upper
84 100
49 122.0 103.8 155.8
51 42.1 0.0 80.4
86 59.6 51.1 76.7

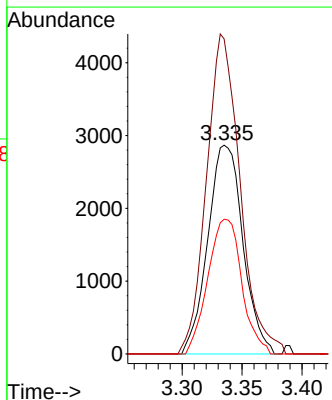
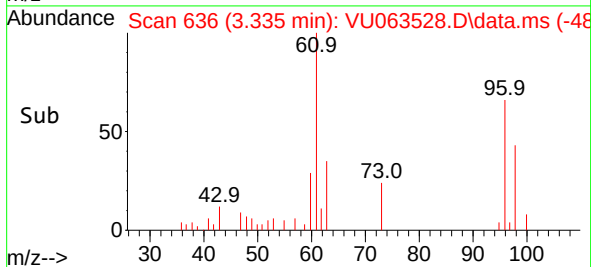
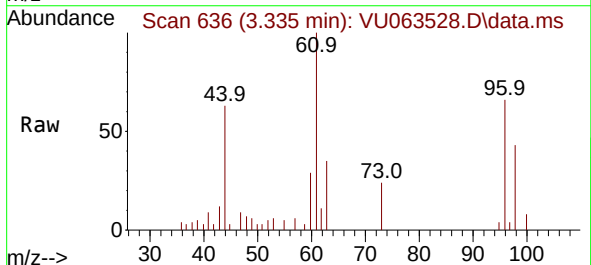
Manual Integrations
APPROVED

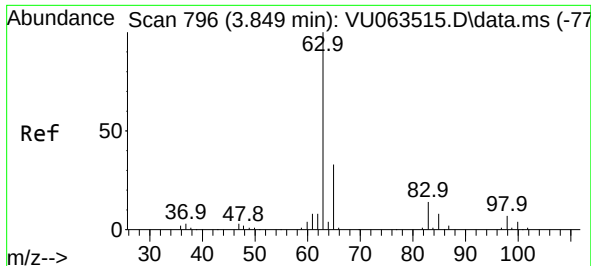
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#16
trans-1,2-Dichloroethene
Concen: 0.931 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 96 Resp: 5847
Ion Ratio Lower Upper
96 100
61 150.8 117.2 175.8
98 64.5 51.4 77.2





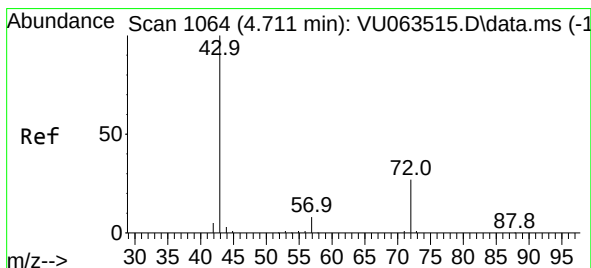
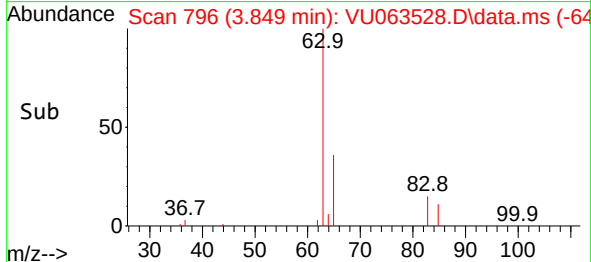
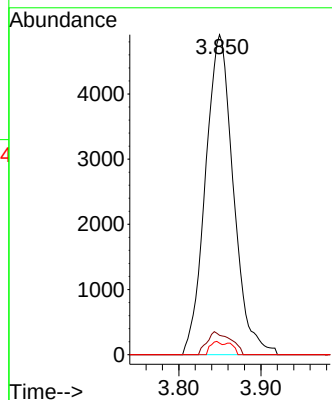
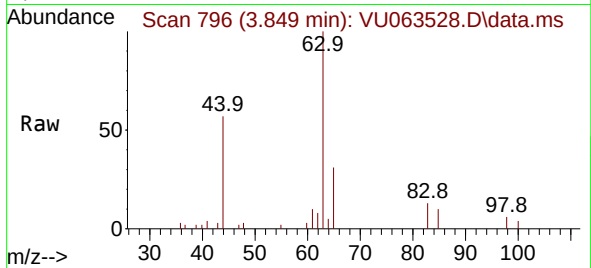
#17
1,1-Dichloroethane
Concen: 0.999 ug/l
RT: 3.849 min Scan# 796
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 63 Resp: 11630
Ion Ratio Lower Upper
63 100
98 6.1 3.4 10.2
100 3.6 2.1 6.2

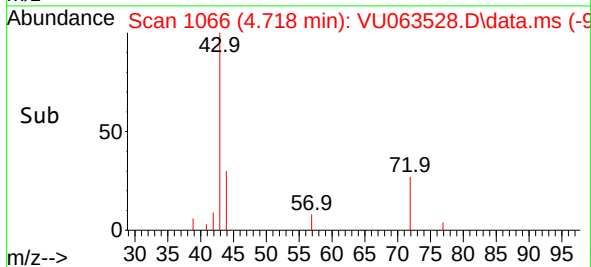
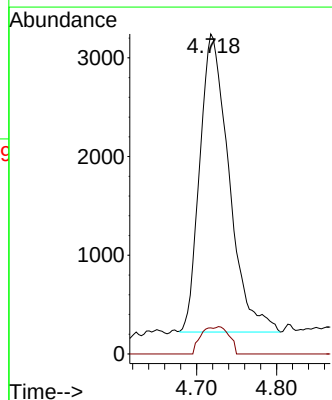
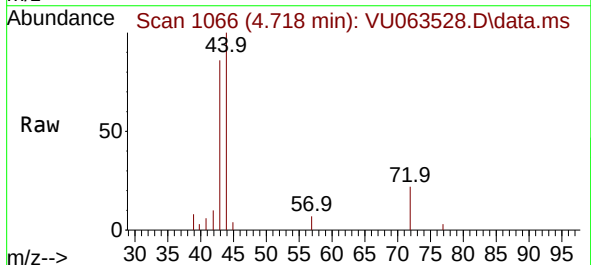
Manual Integrations
APPROVED

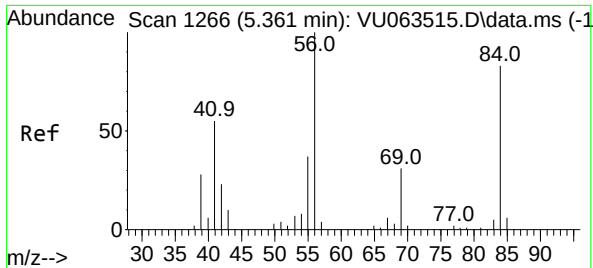
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#18
2-Butanone
Concen: 4.479 ug/l
RT: 4.718 min Scan# 1066
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 43 Resp: 7689
Ion Ratio Lower Upper
43 100
57 8.7 0.0 16.4





#19

Cyclohexane

Concen: 0.936 ug/l

RT: 5.354 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

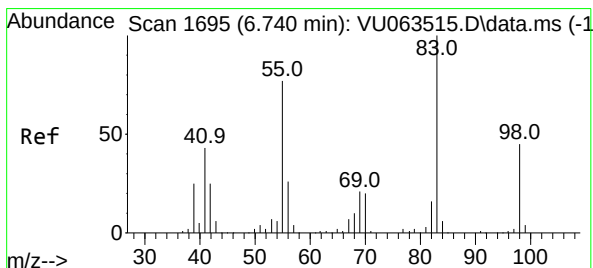
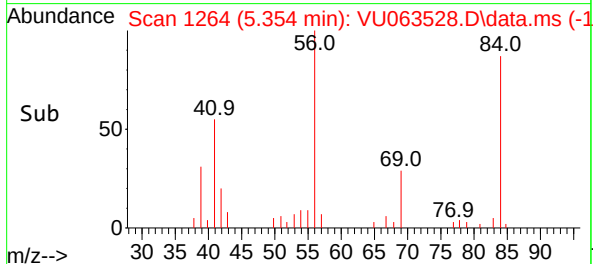
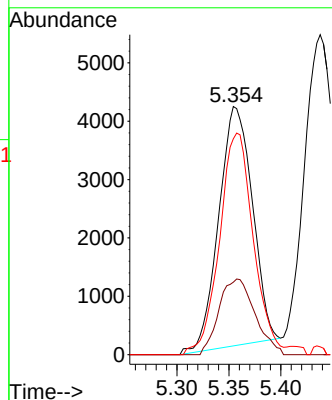
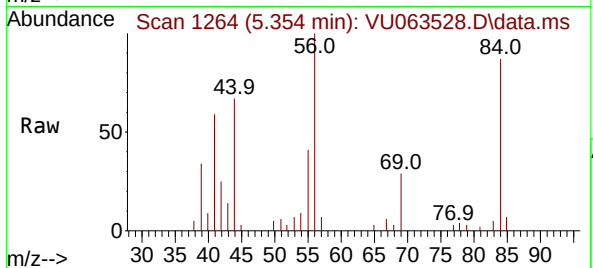
RL-CHECK

Tgt Ion:	56	Resp:	9234
Ion	Ratio	Lower	Upper
56	100		
69	33.8	26.6	39.8
84	88.9	71.0	106.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#20

Methylcyclohexane

Concen: 0.808 ug/l m

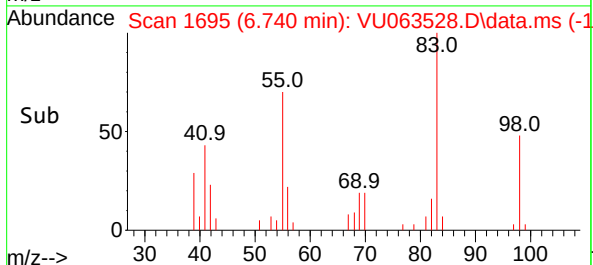
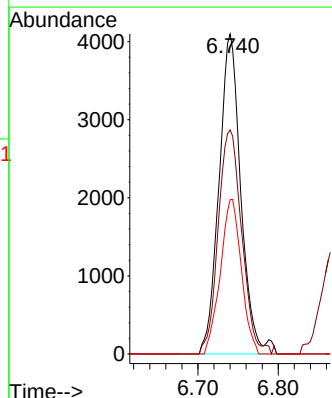
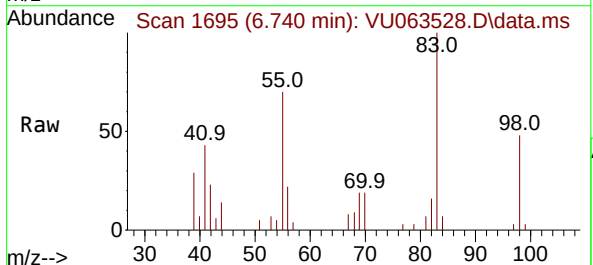
RT: 6.740 min Scan# 1695

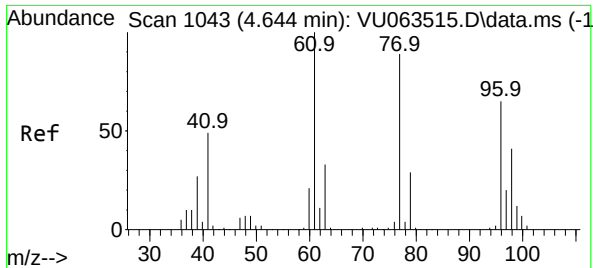
Delta R.T. 0.000 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Tgt Ion:	83	Resp:	7743
Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.6	90.8
98	46.4	35.8	53.8





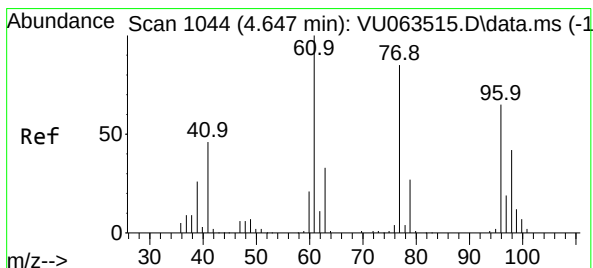
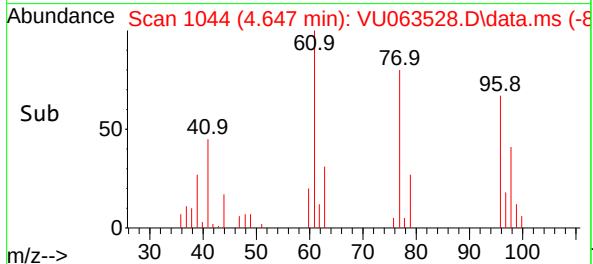
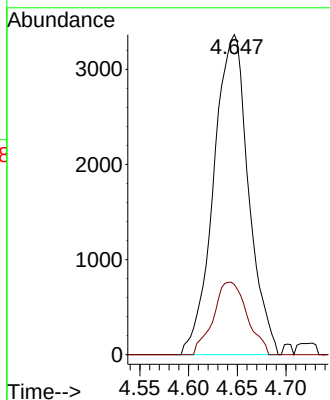
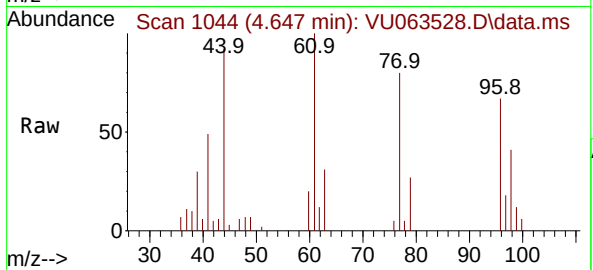
#21
2,2-Dichloropropane
Concen: 0.846 ug/l
RT: 4.647 min Scan# 1043
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 77 Resp: 8389
Ion Ratio Lower Upper
77 100
97 22.0 17.8 26.8

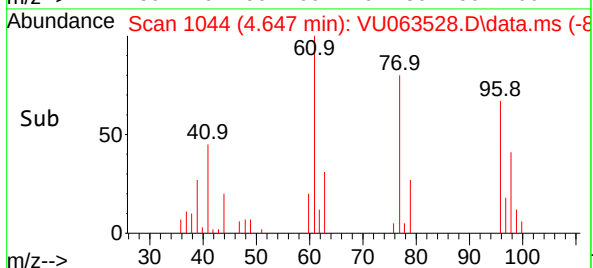
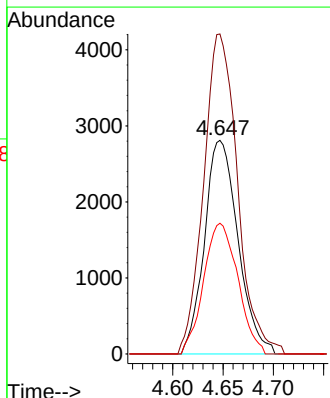
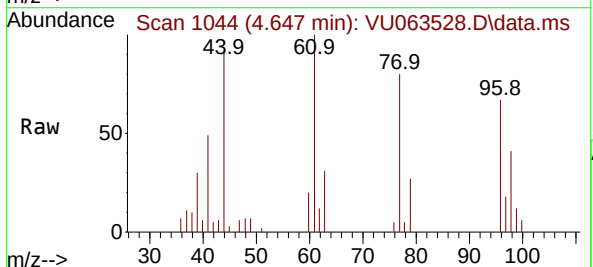
Manual Integrations
APPROVED

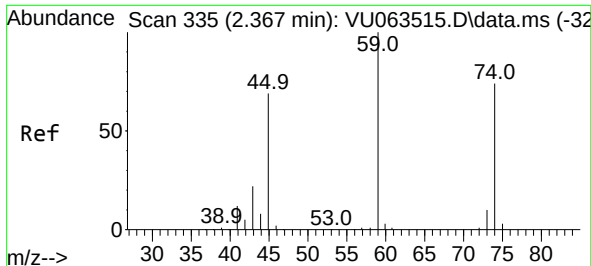
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#22
cis-1,2-Dichloroethene
Concen: 0.957 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 96 Resp: 6524
Ion Ratio Lower Upper
96 100
61 151.1 0.0 384.7
98 62.4 32.1 96.3





#23

Diethyl Ether

Concen: 0.957 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

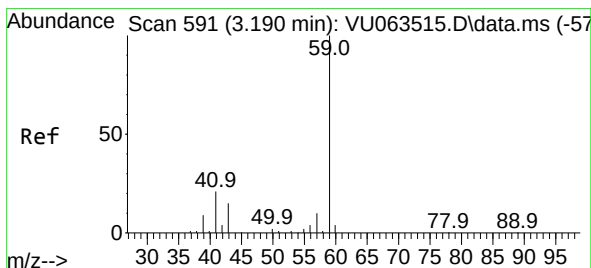
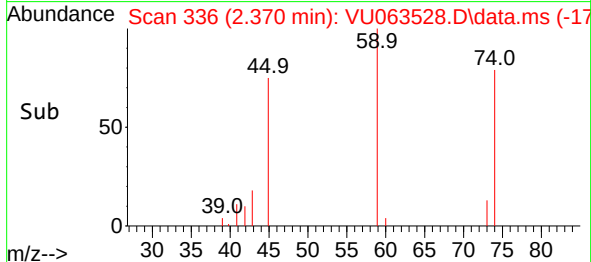
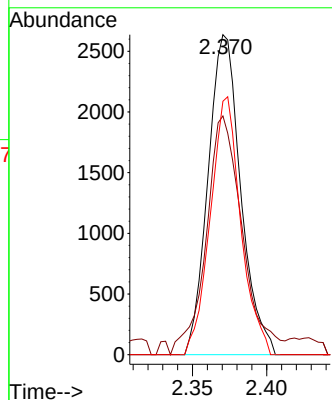
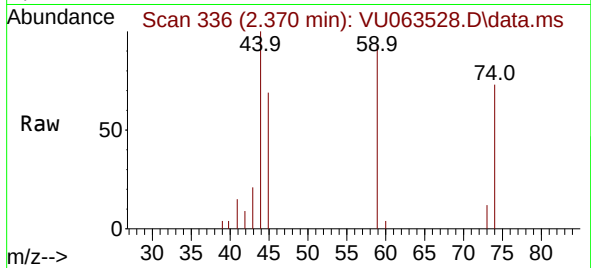
Tgt Ion: 59 Resp: 4034

Ion	Ratio	Lower	Upper
59	100		
45	82.8	55.1	82.7
74	75.1	58.2	87.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#24

tert-Butyl Alcohol

Concen: 10.085 ug/l

RT: 3.200 min Scan# 594

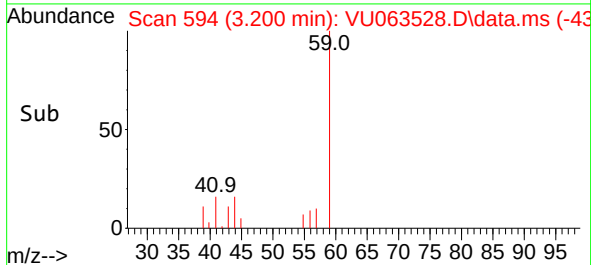
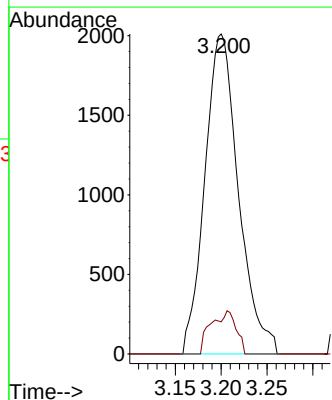
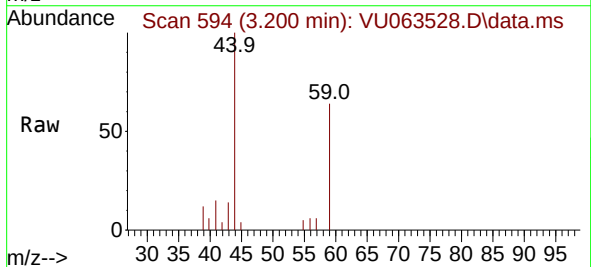
Delta R.T. 0.010 min

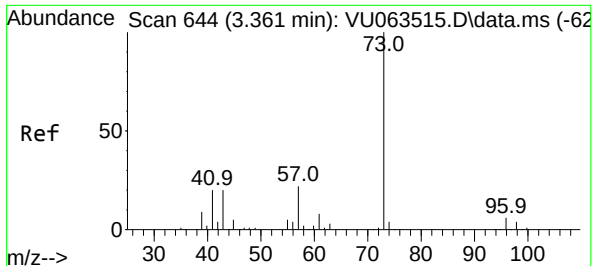
Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Tgt Ion: 59 Resp: 5132

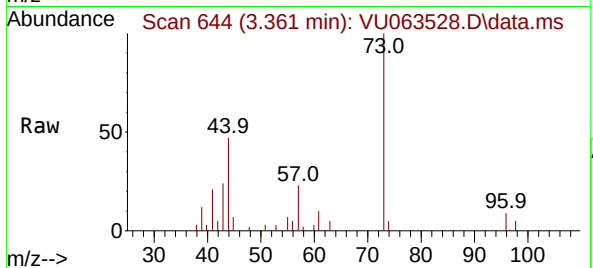
Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.6	12.8





#25
Methyl tert-Butyl Ether
Concen: 0.972 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

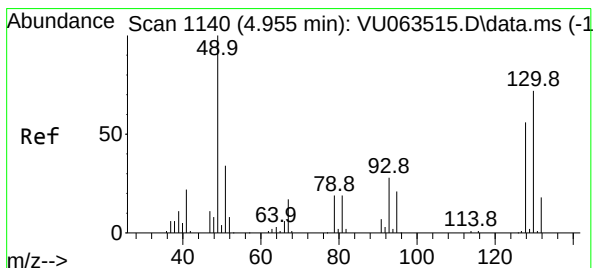
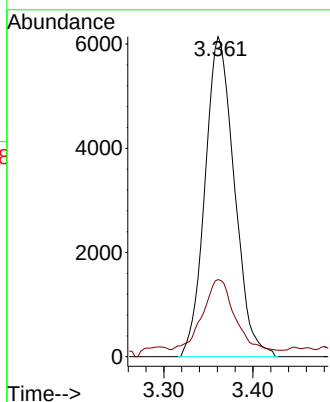
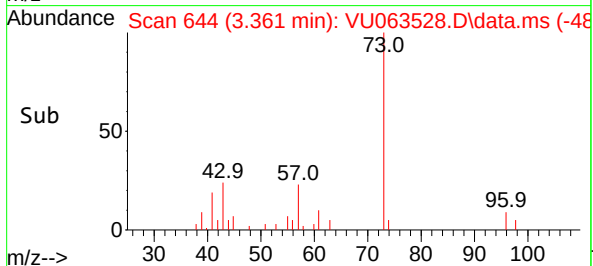
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 73 Resp: 14038
Ion Ratio Lower Upper
73 100
43 26.2 16.2 24.2

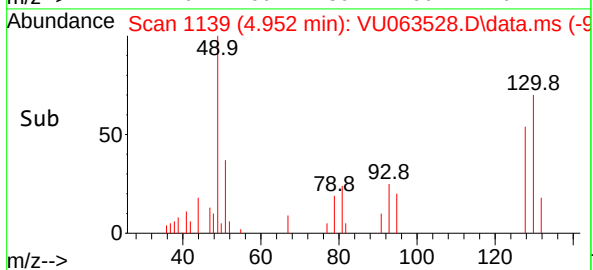
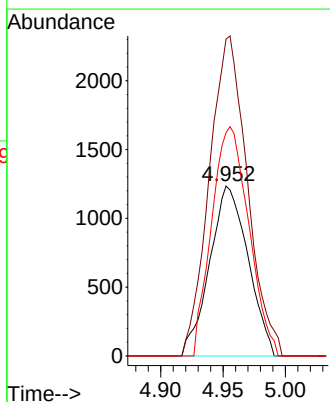
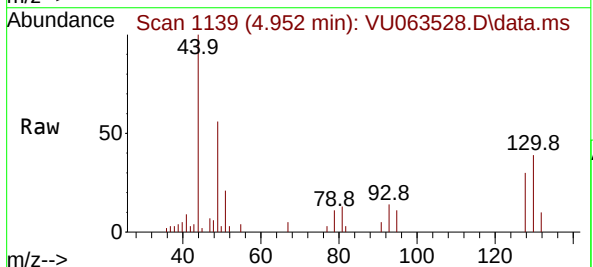
Manual Integrations
APPROVED

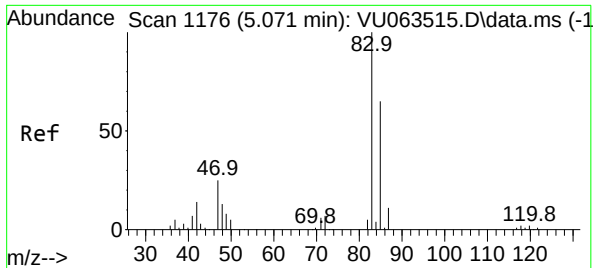
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#26
Bromochloromethane
Concen: 0.930 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

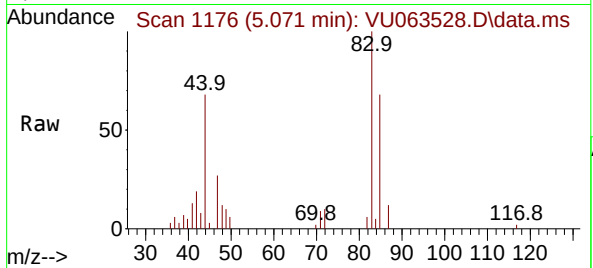
Tgt Ion:128 Resp: 2647
Ion Ratio Lower Upper
128 100
49 186.4 0.0 340.8
130 130.6 100.5 150.7





#27
Chloroform
Concen: 0.983 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

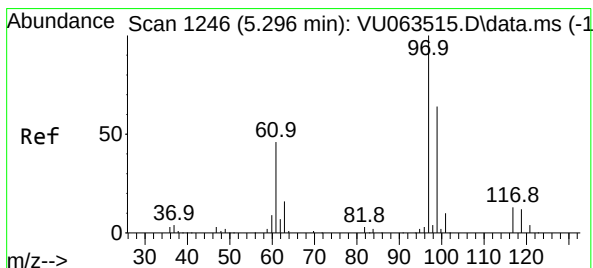
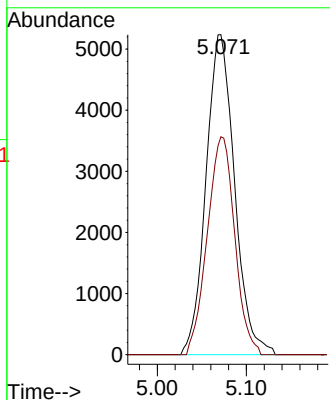
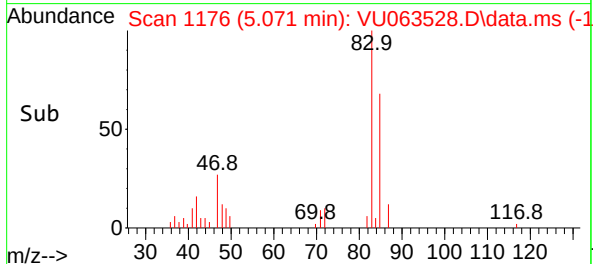
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



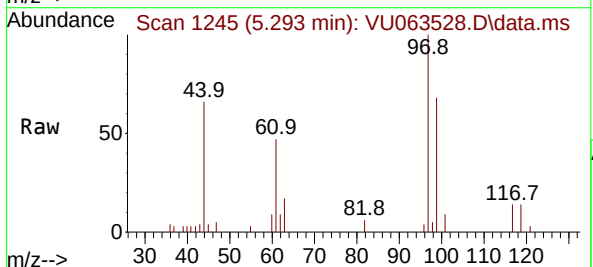
Tgt Ion: 83 Resp: 11684
Ion Ratio Lower Upper
83 100
85 68.1 0.0 130.0

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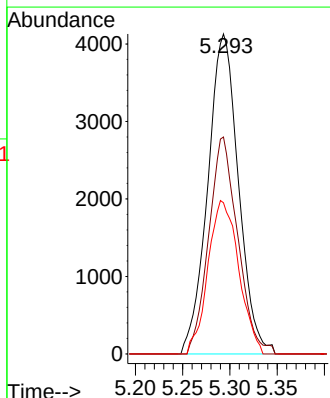
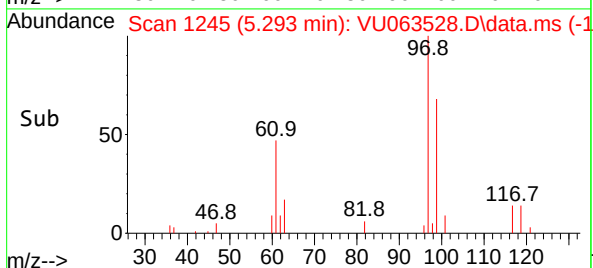
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

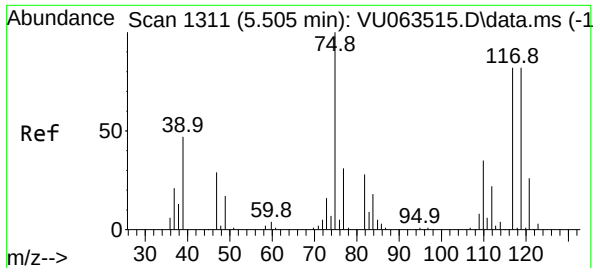


#28
1,1,1-Trichloroethane
Concen: 0.925 ug/l
RT: 5.293 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49



Tgt Ion: 97 Resp: 9333
Ion Ratio Lower Upper
97 100
99 64.1 31.8 95.3
61 48.0 23.3 69.9





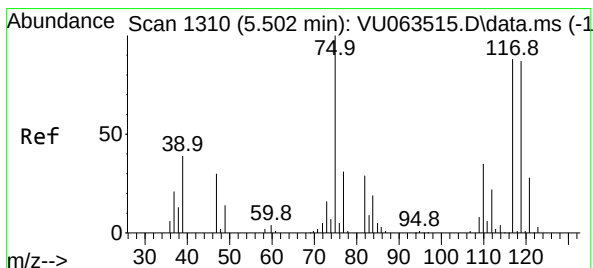
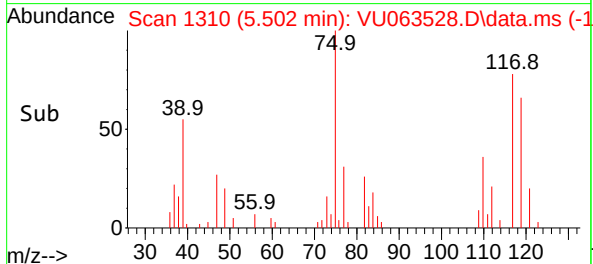
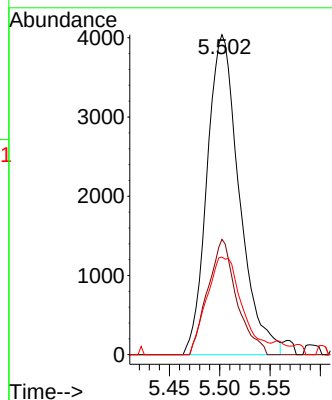
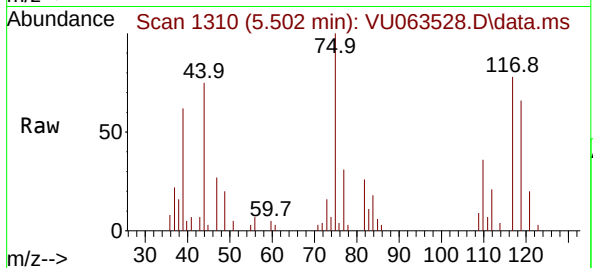
#29
1,1-Dichloropropene
Concen: 0.965 ug/l
RT: 5.502 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 75	Resp: 901
Ion Ratio	Lower Upper
75 100	
110 32.4	17.8 53.4
77 33.4	24.6 37.0

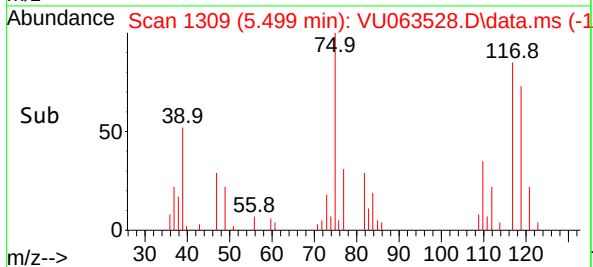
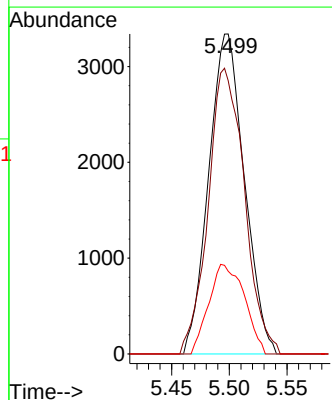
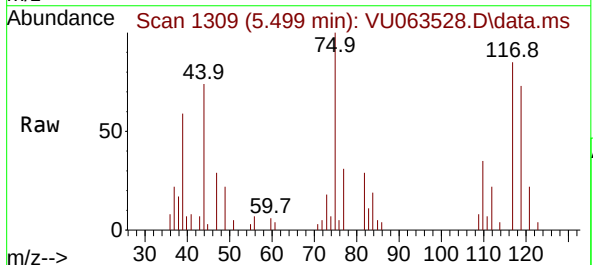
Manual Integrations
APPROVED

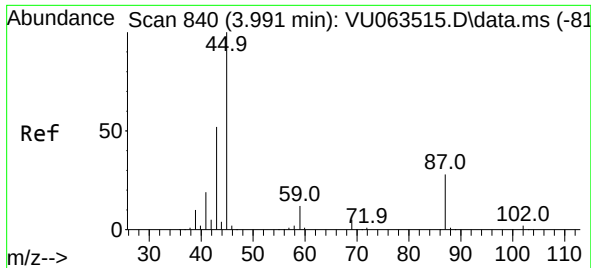
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#30
Carbon Tetrachloride
Concen: 0.883 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

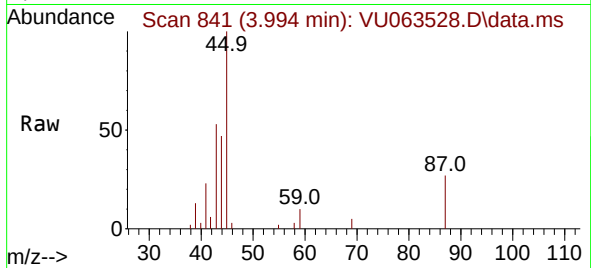
Tgt Ion: 117	Resp: 7166
Ion Ratio	Lower Upper
117 100	
119 85.4	79.2 118.8
121 25.8	25.5 38.3





#31
Isopropyl Ether
Concen: 0.982 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

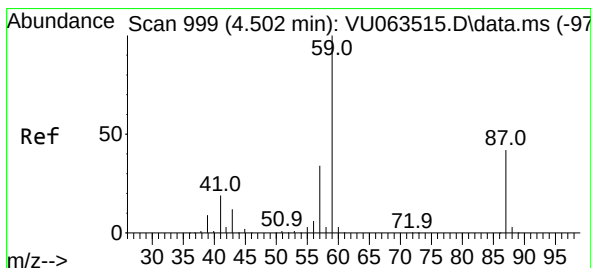
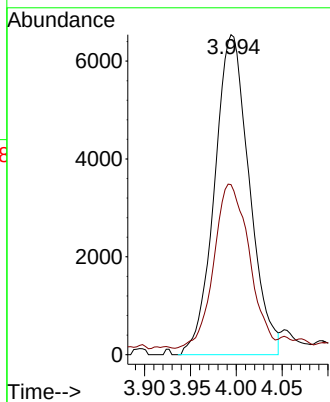
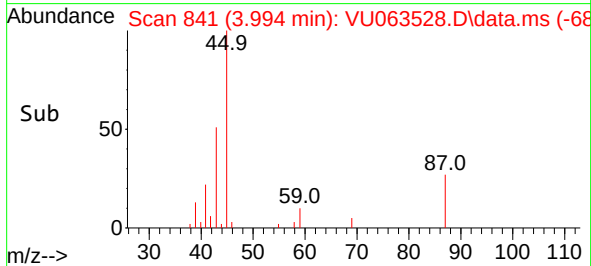
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



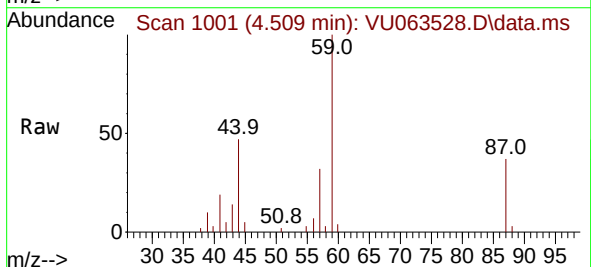
Tgt Ion: 45 Resp: 1725
Ion Ratio Lower Upper
45 100
43 52.1 25.7 77.0

Manual Integrations
APPROVED

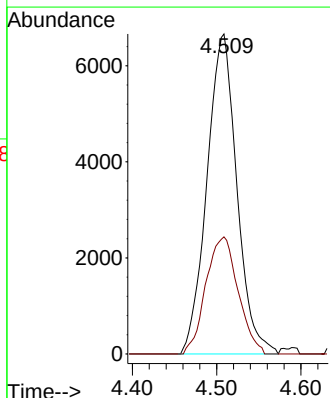
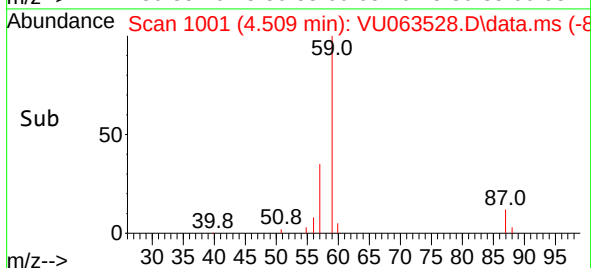
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

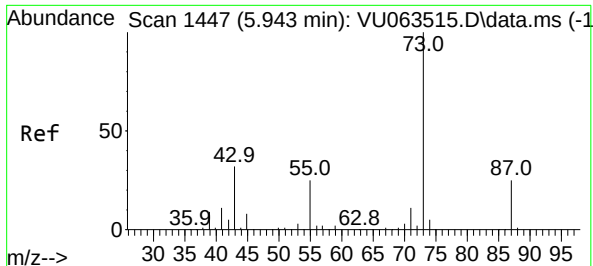


#32
Ethyl-t-butyl ether
Concen: 1.011 ug/l
RT: 4.509 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49



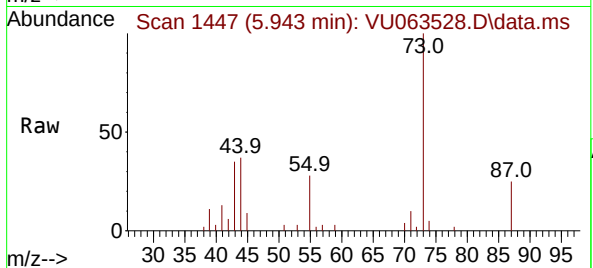
Tgt Ion: 59 Resp: 16439
Ion Ratio Lower Upper
59 100
87 39.4 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 1.011 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

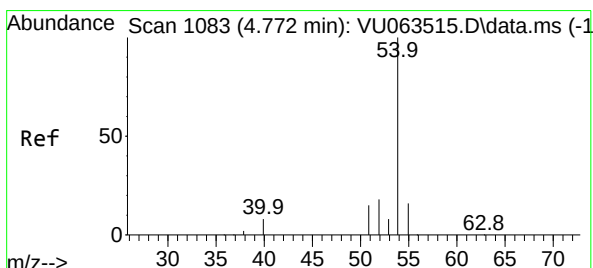
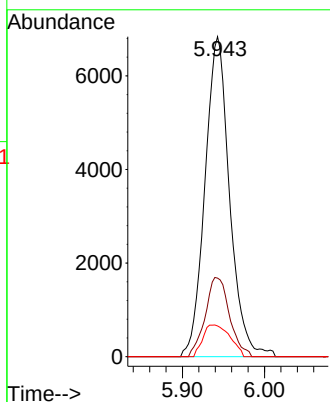
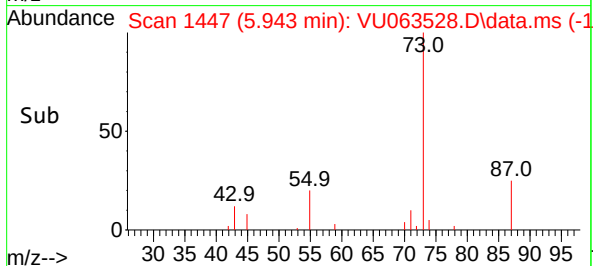
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



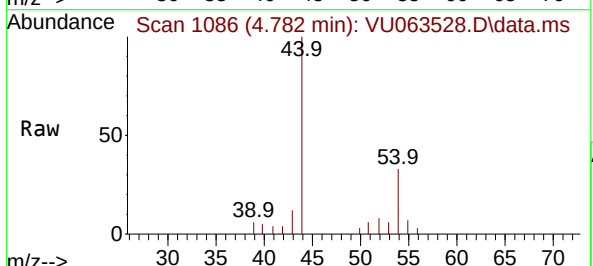
Tgt Ion: 73 Resp: 14270
Ion Ratio Lower Upper
73 100
87 24.4 19.4 29.2
71 10.9 8.9 13.3

Manual Integrations
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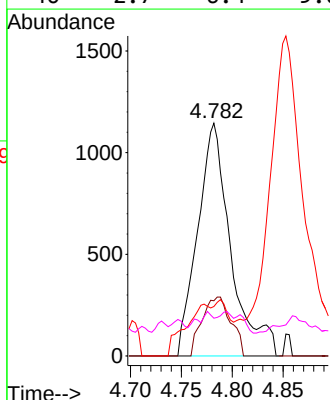
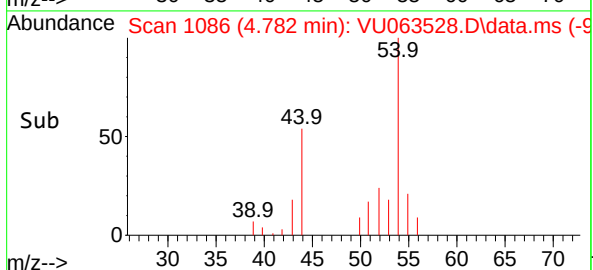
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

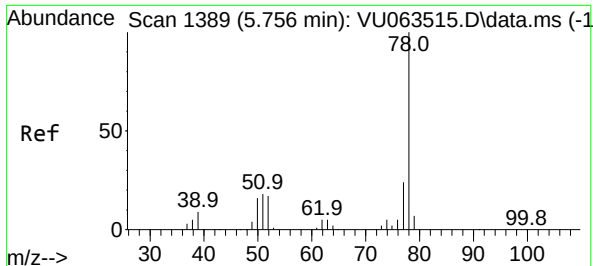


#34
Propionitrile
Concen: 4.957 ug/l m
RT: 4.782 min Scan# 1086
Delta R.T. 0.010 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49



Tgt Ion: 54 Resp: 2593
Ion Ratio Lower Upper
54 100
52 22.1 17.0 25.4
55 17.1 13.6 20.4
40 2.7 6.4 9.6#





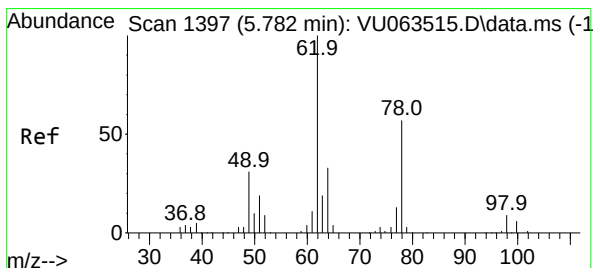
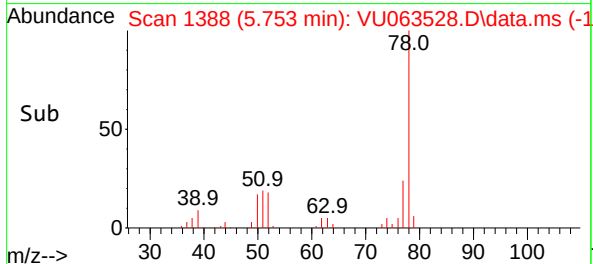
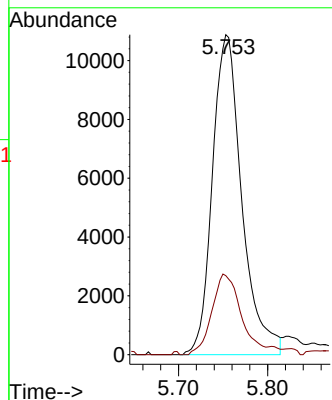
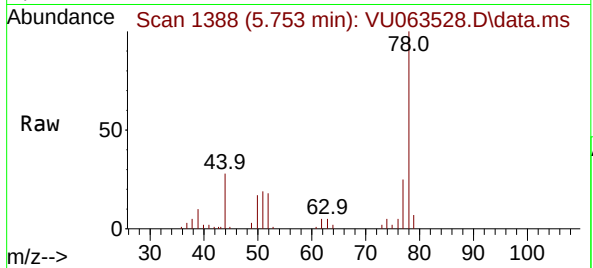
#35
Benzene
Concen: 0.994 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 78 Resp: 24952
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.2

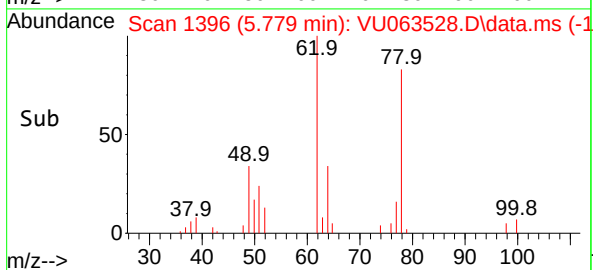
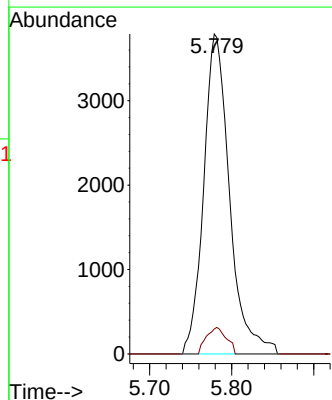
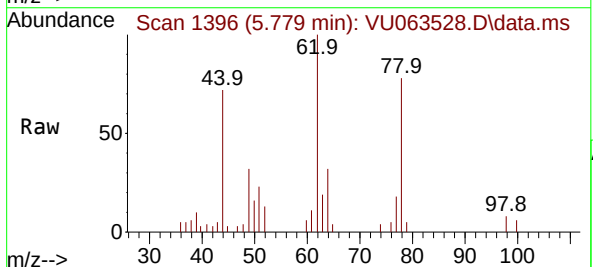
Manual Integrations
APPROVED

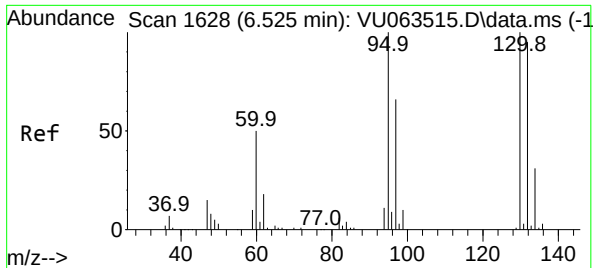
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#36
1,2-Dichloroethane
Concen: 1.065 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

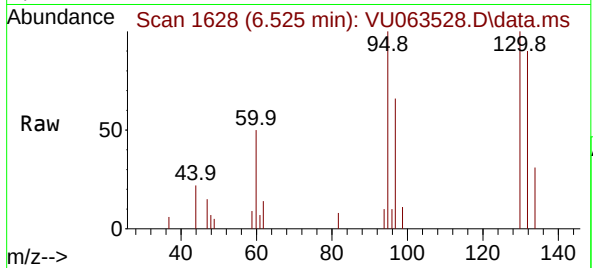
Tgt Ion: 62 Resp: 8309
Ion Ratio Lower Upper
62 100
98 6.4 6.4 9.6





#37
Trichloroethene
Concen: 0.792 ug/l
RT: 6.525 min Scan# 1628
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

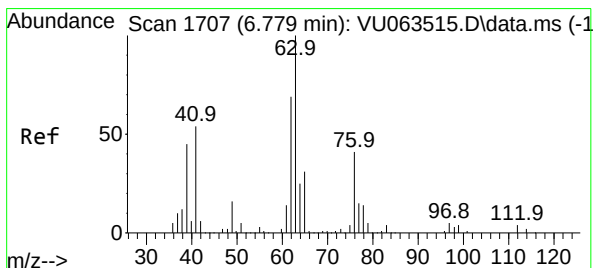
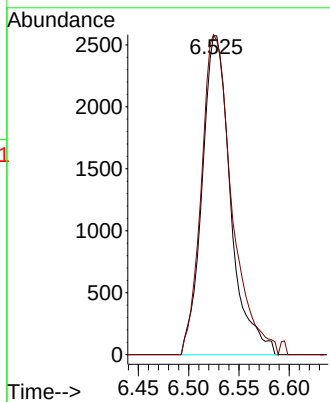
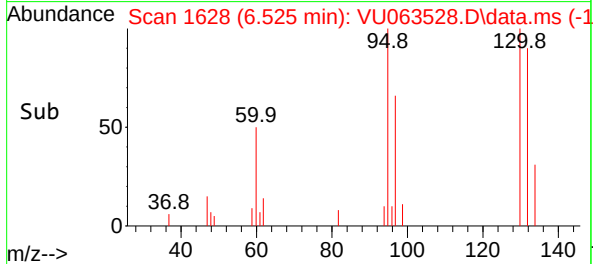
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



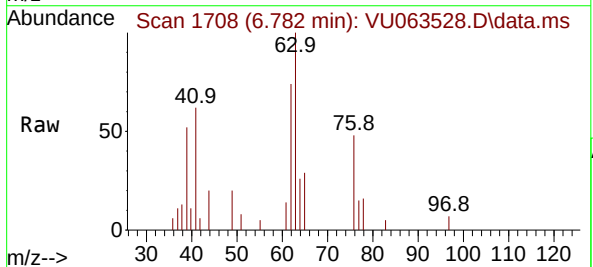
Tgt Ion:130 Resp: 5079
Ion Ratio Lower Upper
130 100
95 100.2 80.3 120.5

Manual Integrations
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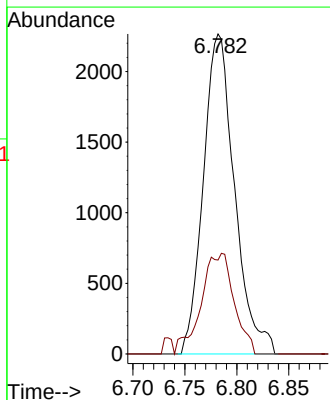
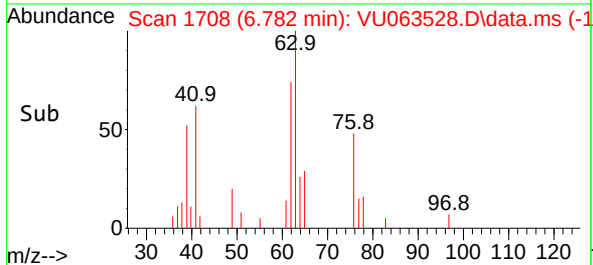
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

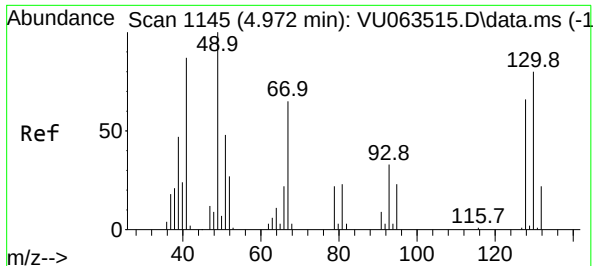


#38
1,2-Dichloropropane
Concen: 0.806 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49



Tgt Ion: 63 Resp: 4733
Ion Ratio Lower Upper
63 100
65 29.3 24.6 36.8





#39

Methacrylonitrile

Concen: 0.831 ug/l

RT: 4.975 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

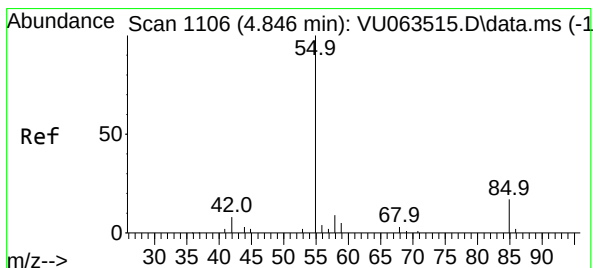
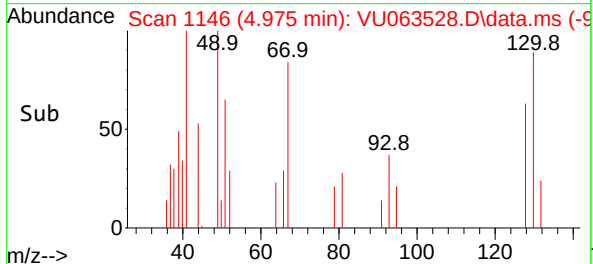
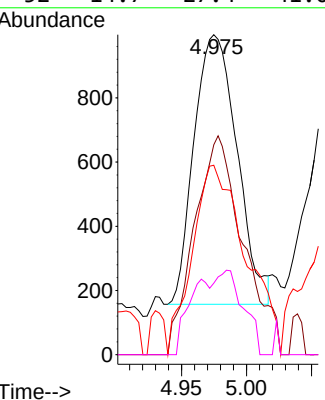
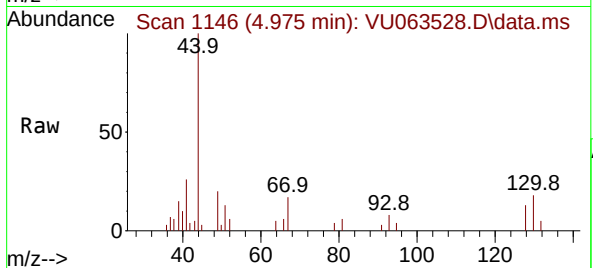
RL-CHECK

Tgt Ion:	41	Resp:	193
Ion	Ratio	Lower	Upper
41	100		
67	91.8	62.7	94.1
39	86.9	43.1	64.7
52	14.7	27.4	41.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#40

Methyl acrylate

Concen: 0.833 ug/l

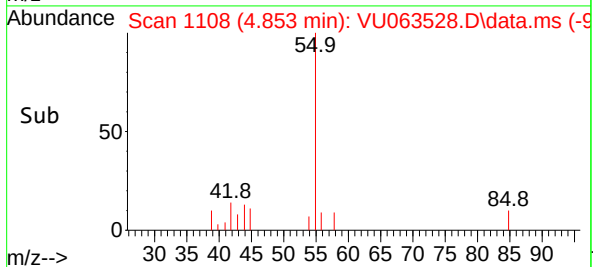
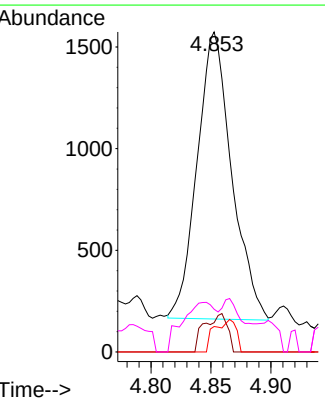
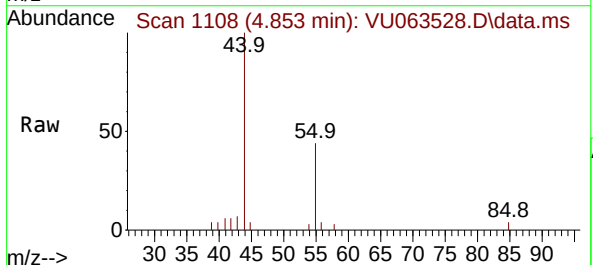
RT: 4.853 min Scan# 1108

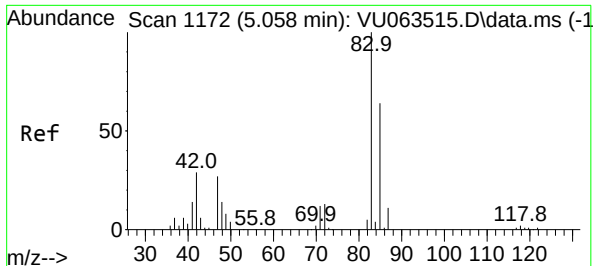
Delta R.T. 0.007 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

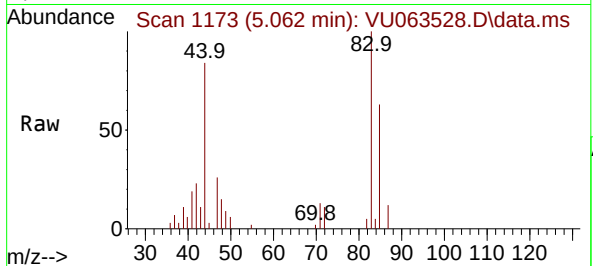
Tgt Ion:	55	Resp:	2832
Ion	Ratio	Lower	Upper
55	100		
85	8.8	12.8	19.2
58	7.0	7.0	10.4
42	3.5	7.0	10.4





#41
Tetrahydrofuran
Concen: 2.288 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

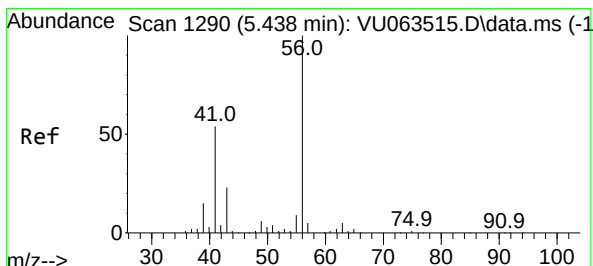
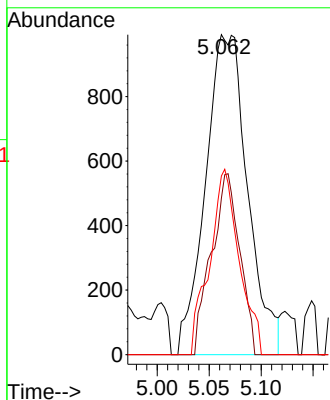
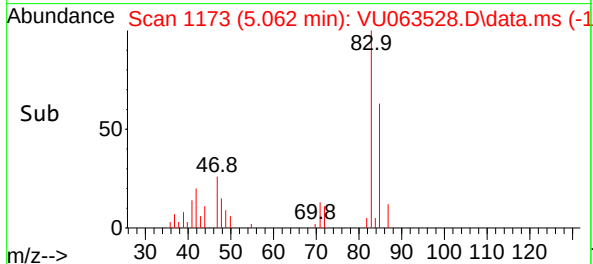
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



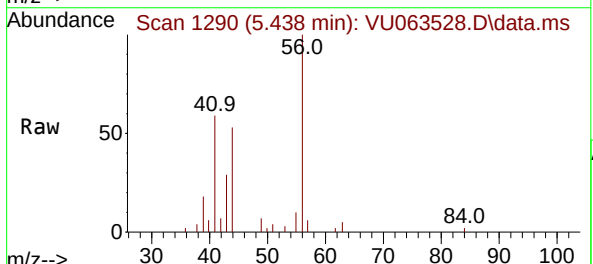
Tgt Ion: 42 Resp: 279
Ion Ratio Lower Upper
42 100
72 38.0 39.2 58.8
71 40.7 34.8 52.2

Manual Integrations
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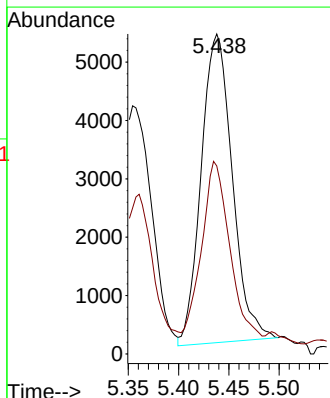
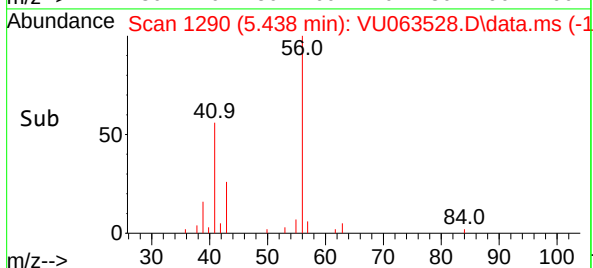
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

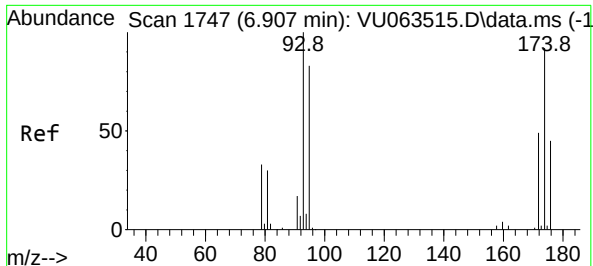


#42
1-Chlorobutane
Concen: 0.916 ug/l
RT: 5.438 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49



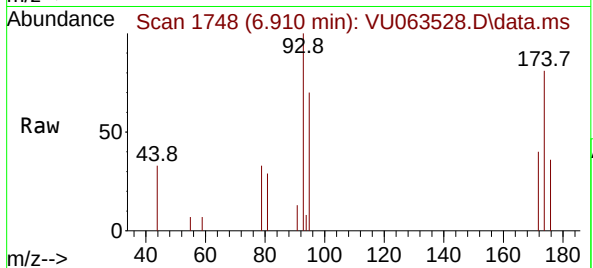
Tgt Ion: 56 Resp: 11380
Ion Ratio Lower Upper
56 100
41 55.5 26.7 80.0





#43
Dibromomethane
Concen: 0.878 ug/l
RT: 6.910 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

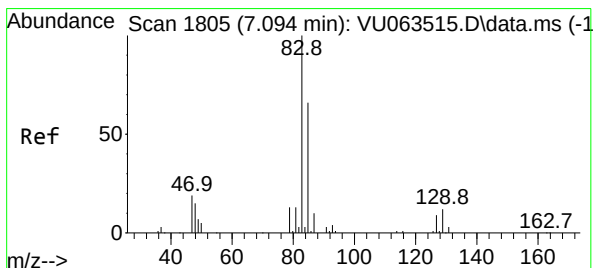
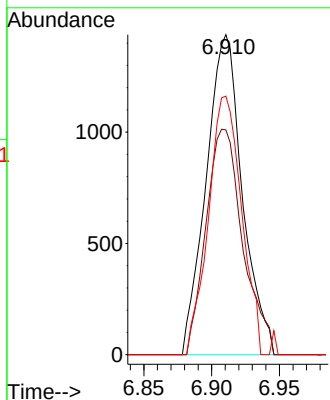
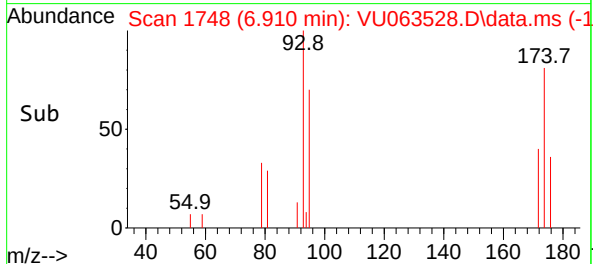
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



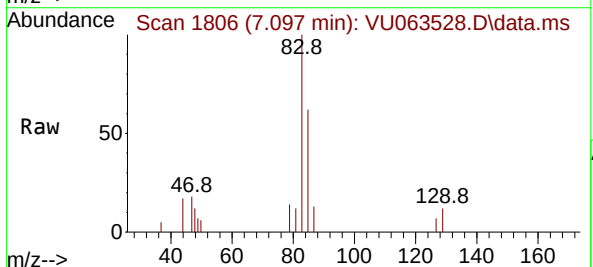
Tgt Ion: 93 Resp: 2672
Ion Ratio Lower Upper
93 100
95 71.7 67.9 101.9
174 73.9 74.6 111.8

Manual Integrations
APPROVED

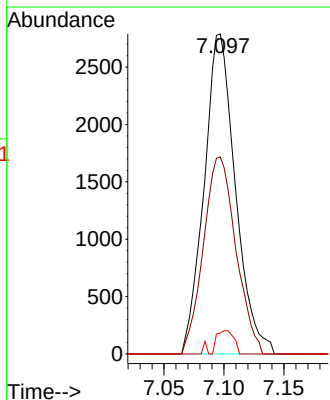
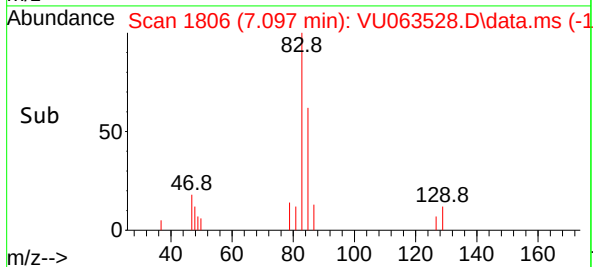
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

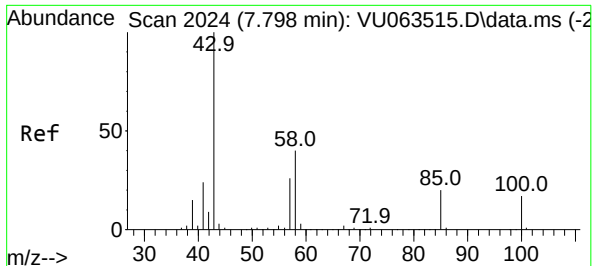


#44
Bromodichloromethane
Concen: 0.737 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49



Tgt Ion: 83 Resp: 5061
Ion Ratio Lower Upper
83 100
85 61.6 52.7 79.1
127 6.6 8.1 12.1





#45

4-Methyl-2-Pentanone

Concen: 4.259 ug/l

RT: 7.801 min Scan# 2024

Delta R.T. 0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

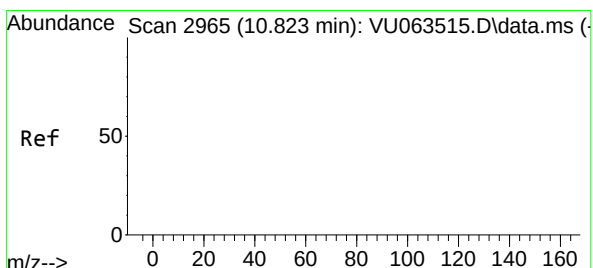
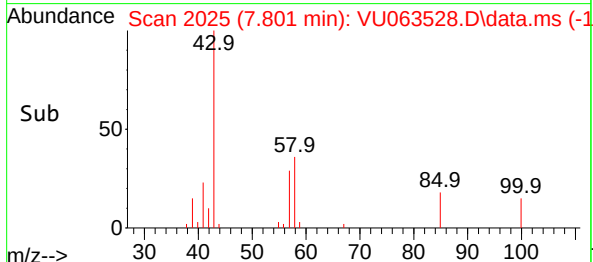
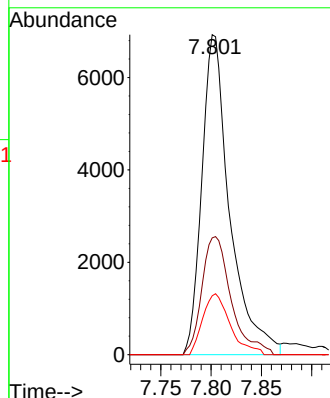
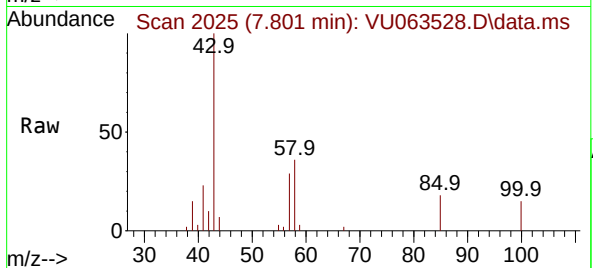
RL-CHECK

Tgt Ion:	43	Resp:	1335
Ion Ratio	Lower	Upper	
43	100		
58	38.7	20.0	60.0
85	18.8	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#46

t-1,4-Dichloro-2-butene

Concen: 1.738 ug/l m

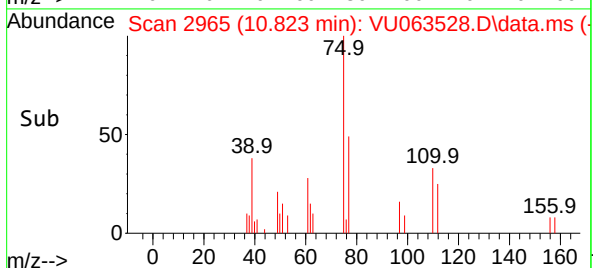
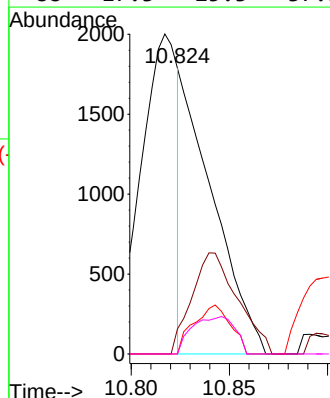
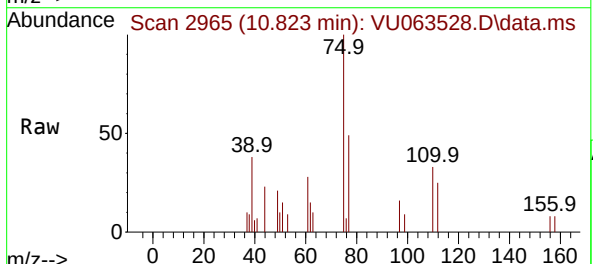
RT: 10.823 min Scan# 2965

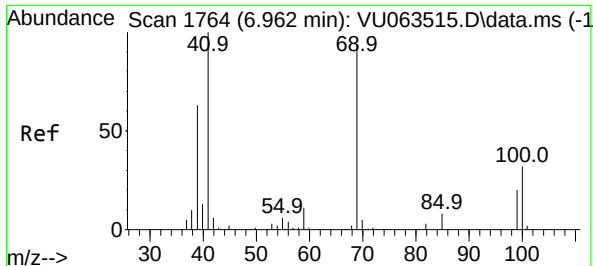
Delta R.T. 0.000 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

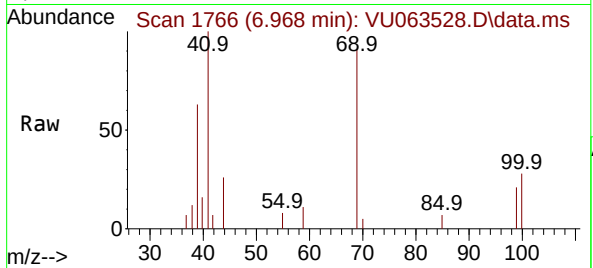
Tgt Ion:	75	Resp:	2046
Ion Ratio	Lower	Upper	
75	100		
53	50.2	48.4	72.6
89	19.6	30.6	45.8#
88	17.3	25.3	37.9#





#47
Methyl methacrylate
Concen: 1.595 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

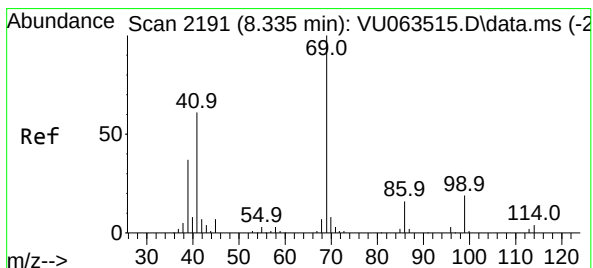
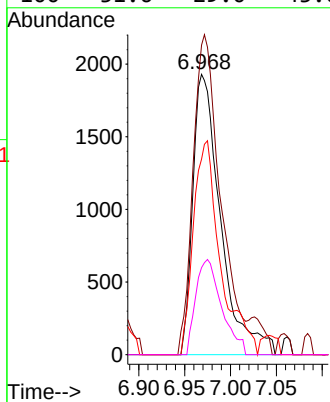
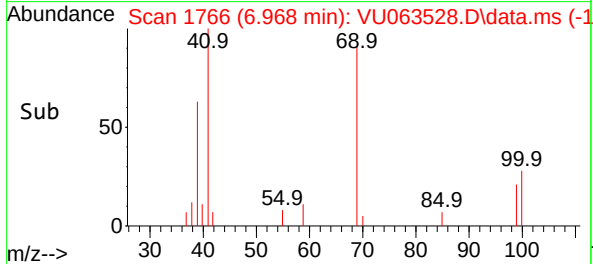
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 69 Resp: 4070
Ion Ratio Lower Upper
69 100
41 111.9 0.0 224.0
39 73.8 55.3 82.9
100 31.6 29.0 43.6

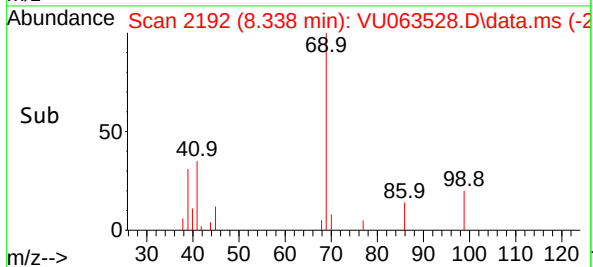
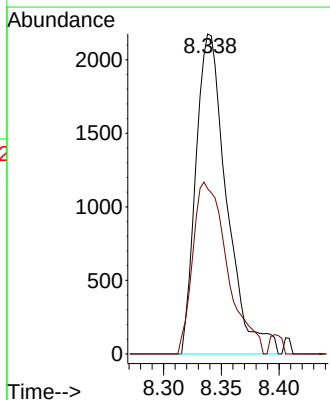
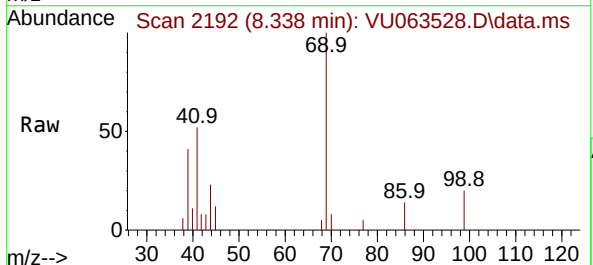
Manual Integrations
APPROVED

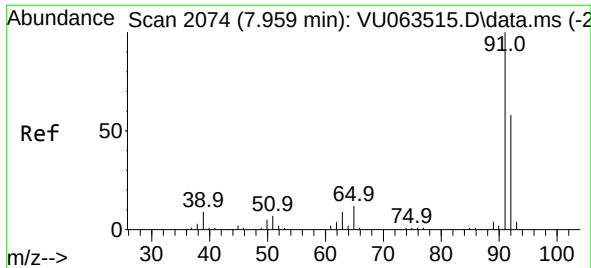
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#48
Ethyl methacrylate
Concen: 0.825 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

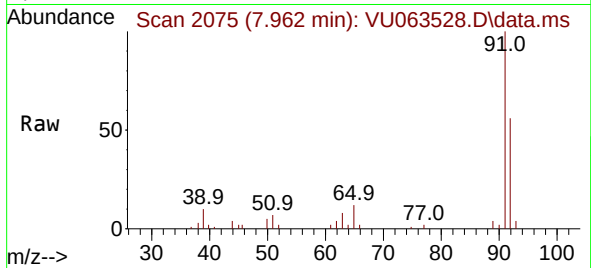
Tgt Ion: 69 Resp: 4025
Ion Ratio Lower Upper
69 100
41 60.3 30.8 92.4





#49
Toluene
Concen: 0.827 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

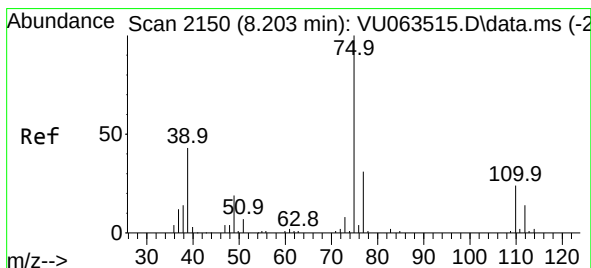
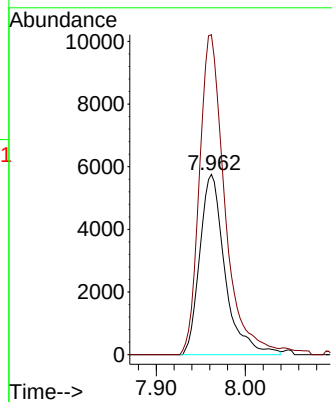
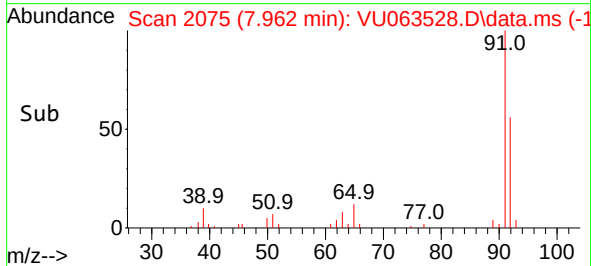
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 92 Resp: 1133
Ion Ratio Lower Upper
92 100
91 178.6 140.4 210.6

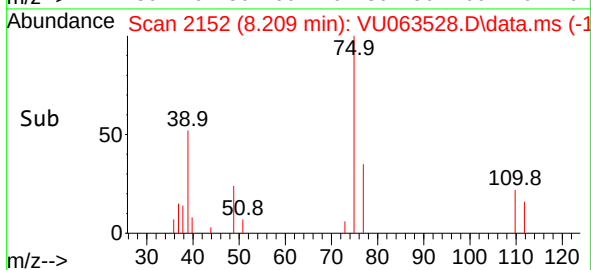
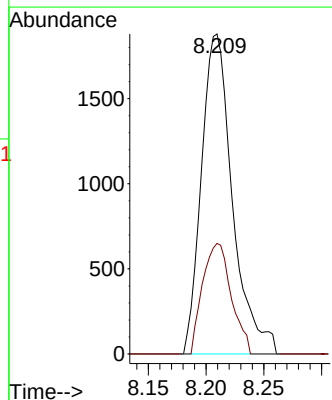
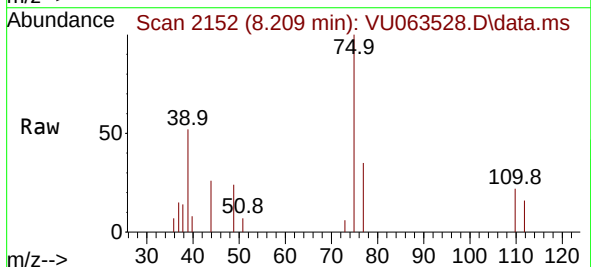
Manual Integrations
APPROVED

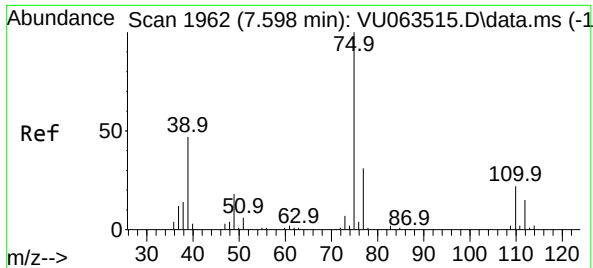
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#50
t-1,3-Dichloropropene
Concen: 0.653 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 75 Resp: 3515
Ion Ratio Lower Upper
75 100
77 34.6 24.9 37.3





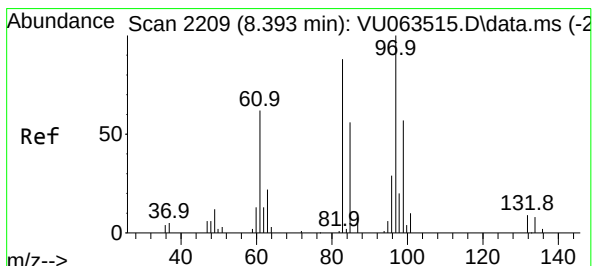
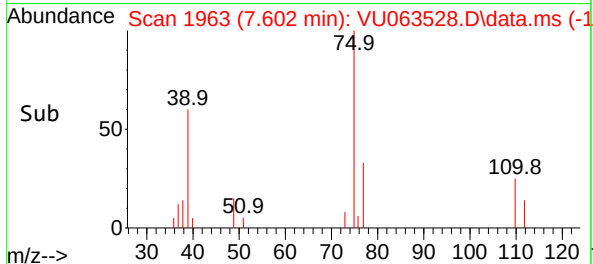
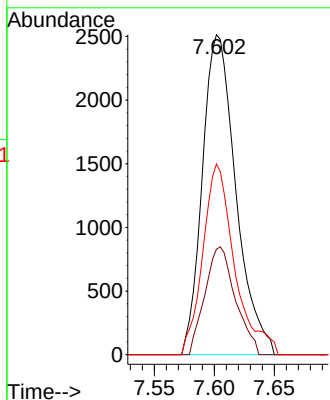
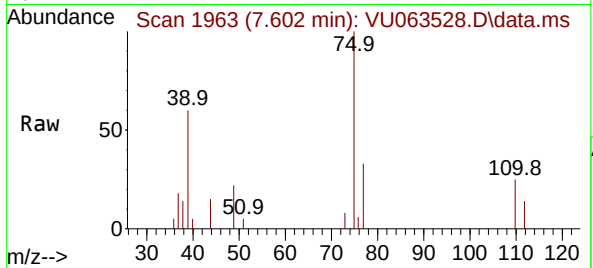
#51
 cis-1,3-Dichloropropene
 Concen: 0.676 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Tgt Ion: 75 Resp: 4880
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.1 37.7
 39 59.6 37.8 56.6

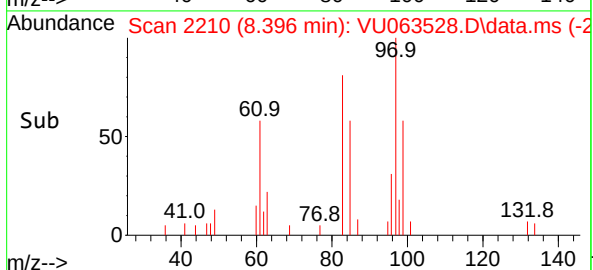
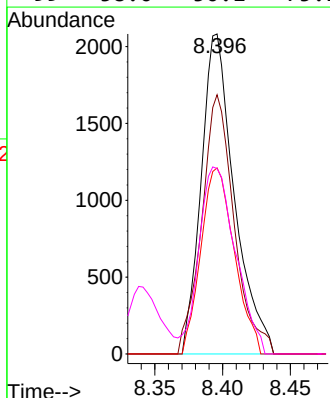
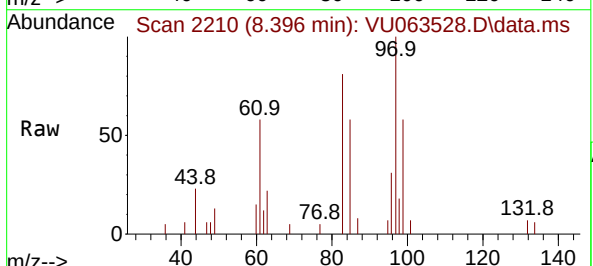
Manual Integrations
 APPROVED

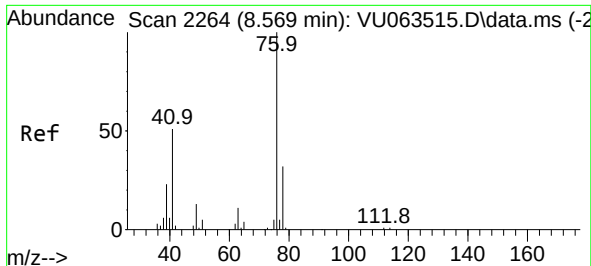
Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.864 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

Tgt Ion: 97 Resp: 3542
 Ion Ratio Lower Upper
 97 100
 83 81.0 70.2 105.2
 85 58.2 45.2 67.8
 99 58.0 50.1 75.1





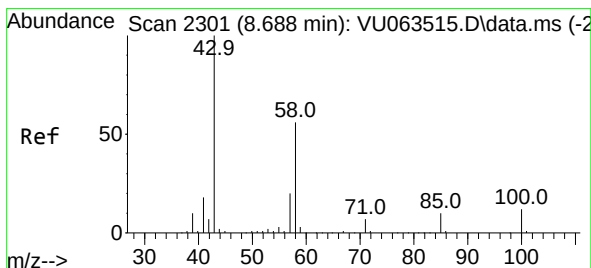
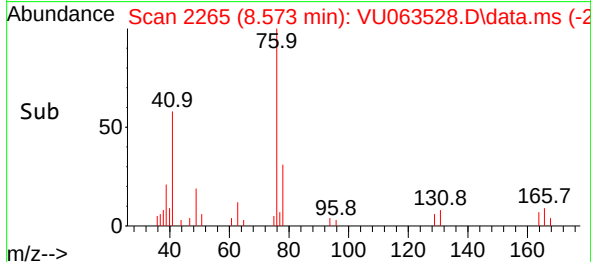
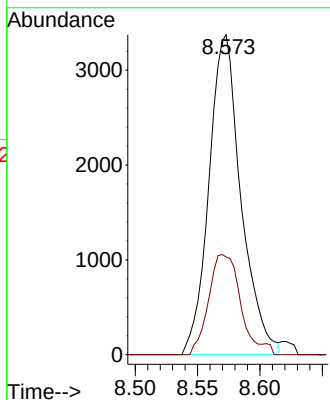
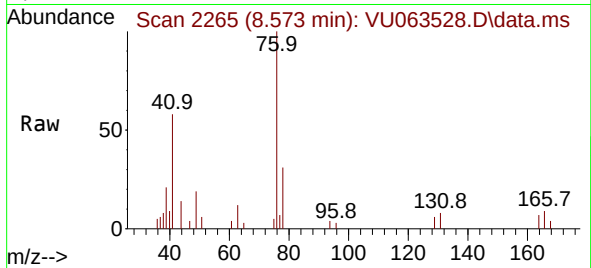
#53
1,3-Dichloropropane
Concen: 0.853 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 76 Resp: 6030
Ion Ratio Lower Upper
76 100
78 31.4 26.0 39.0

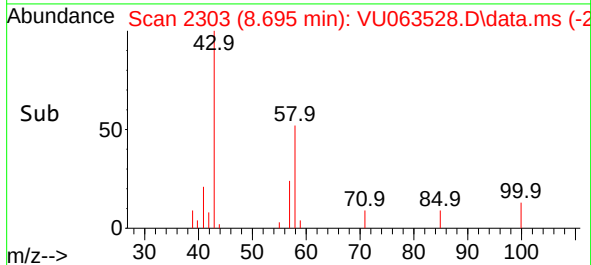
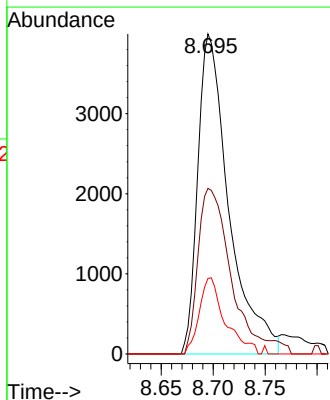
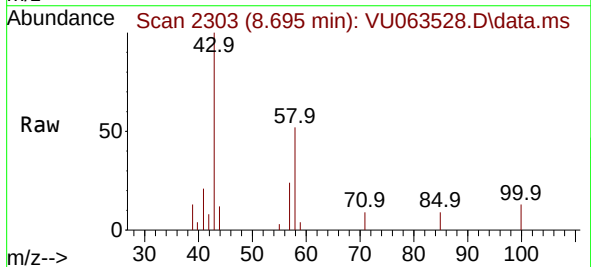
Manual Integrations
APPROVED

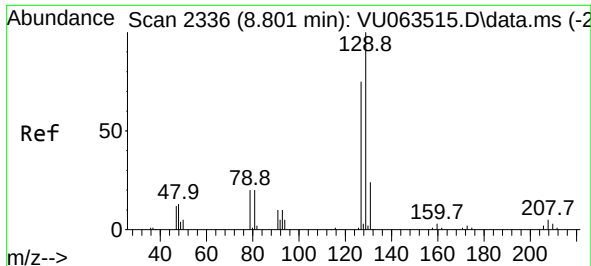
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#54
2-Hexanone
Concen: 3.991 ug/l
RT: 8.695 min Scan# 2303
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

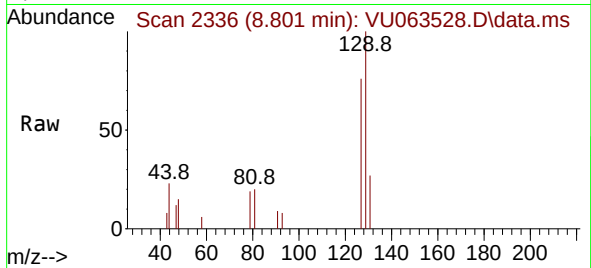
Tgt Ion: 43 Resp: 8315
Ion Ratio Lower Upper
43 100
58 55.6 34.8 74.8
57 19.7 0.0 39.5





#55
Dibromochloromethane
Concen: 0.663 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

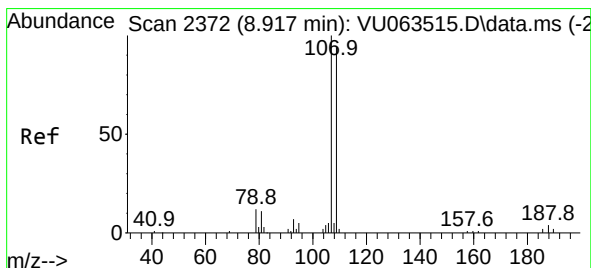
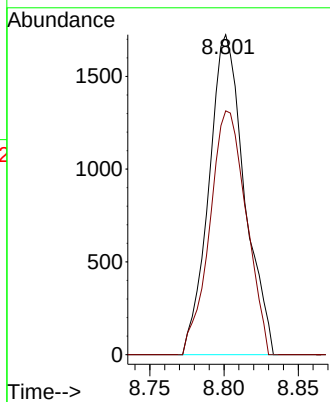
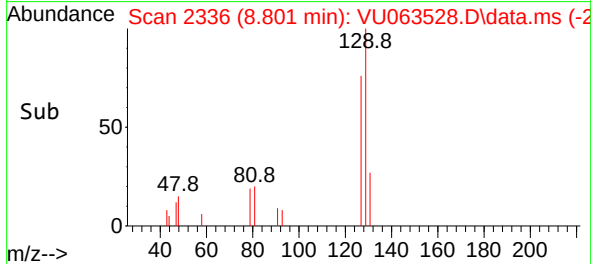
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



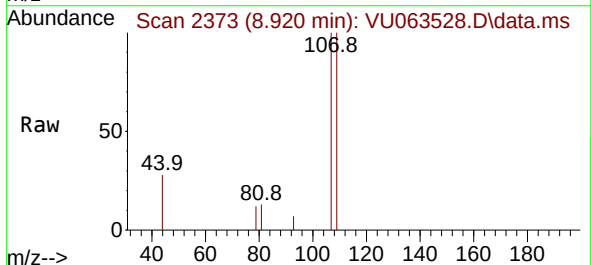
Tgt Ion:129 Resp: 287
Ion Ratio Lower Upper
129 100
127 78.2 60.1 90.1

Manual Integrations
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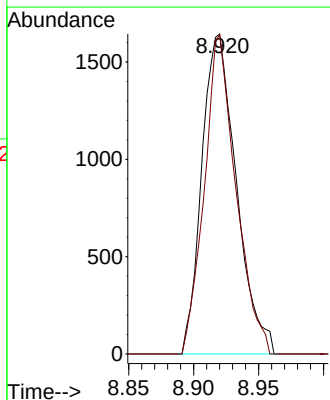
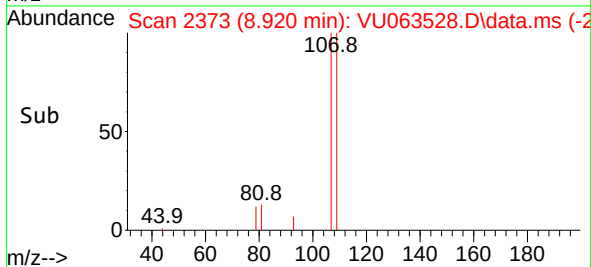
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

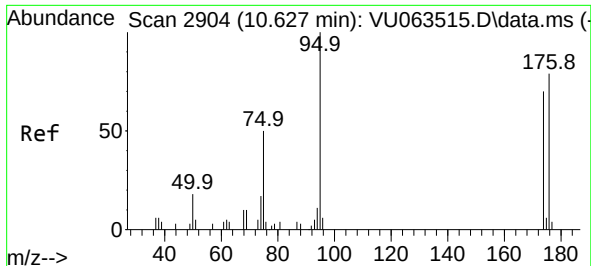


#56
1,2-Dibromoethane
Concen: 0.829 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49



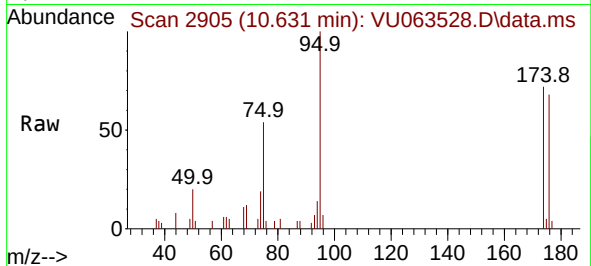
Tgt Ion:107 Resp: 3039
Ion Ratio Lower Upper
107 100
109 91.2 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 0.998 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

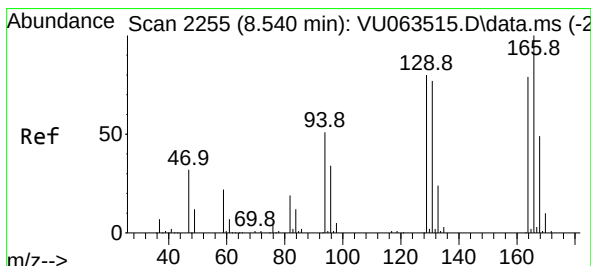
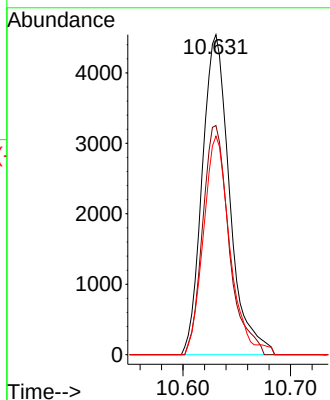
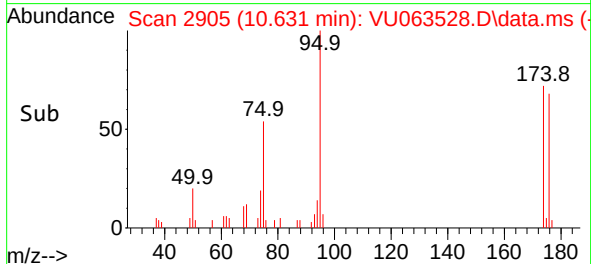
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 95 Resp: 8050
Ion Ratio Lower Upper
95 100
174 68.9 59.8 89.8
176 66.1 61.8 92.8

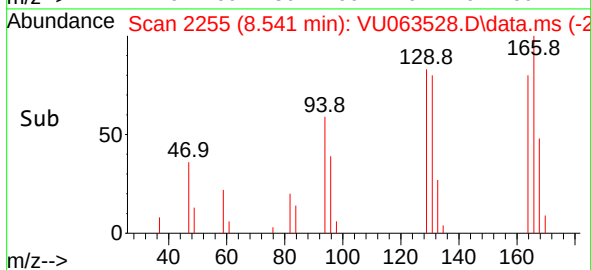
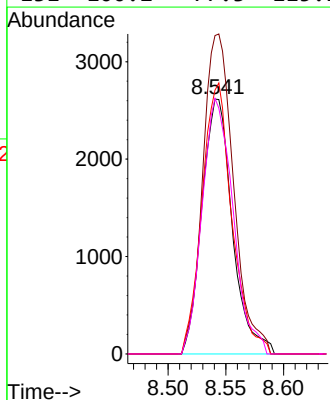
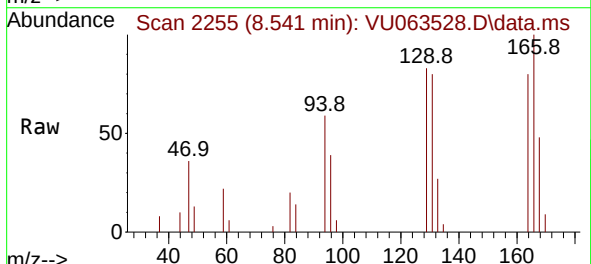
Manual Integrations
APPROVED

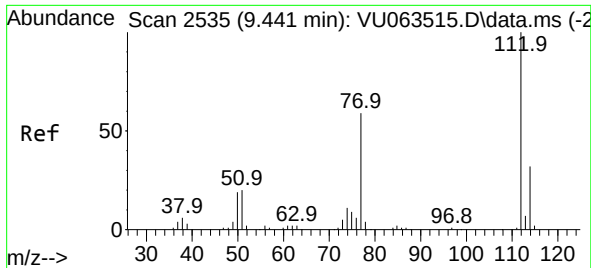
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#58
Tetrachloroethene
Concen: 0.816 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

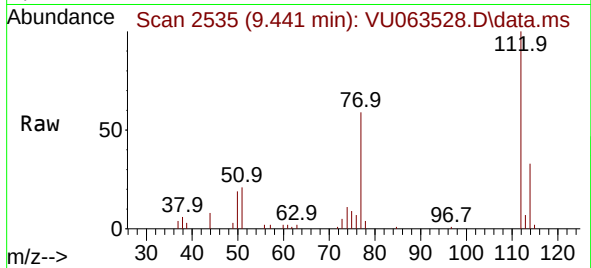
Tgt Ion:164 Resp: 4783
Ion Ratio Lower Upper
164 100
166 124.9 100.7 151.1
129 103.5 80.6 120.8
131 100.2 77.3 115.9





#59
Chlorobenzene
Concen: 0.869 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

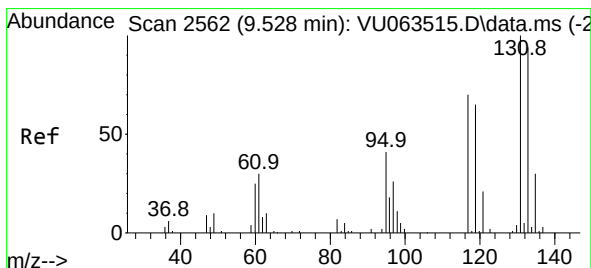
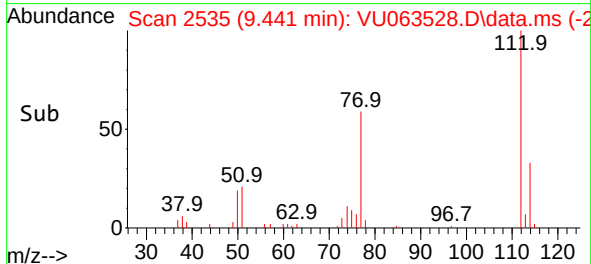
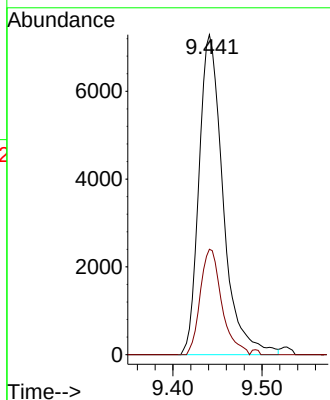
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:112 Resp: 1368
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2

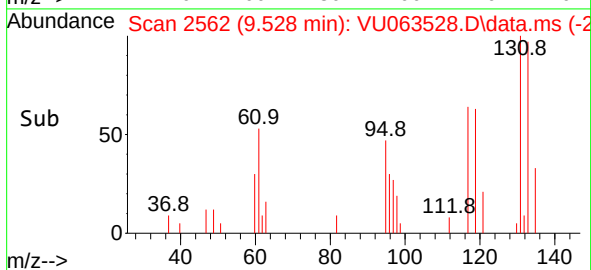
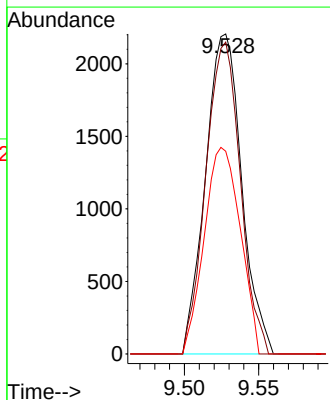
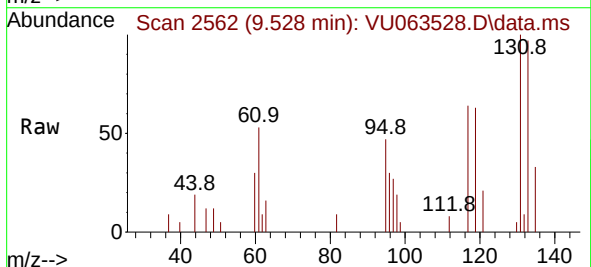
Manual Integrations
APPROVED

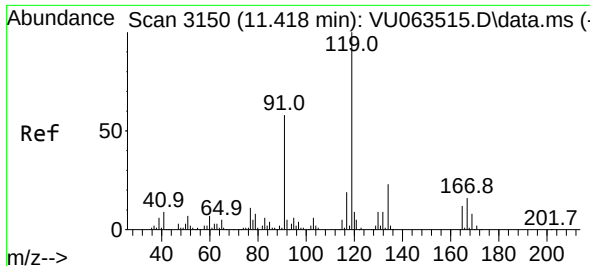
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.741 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

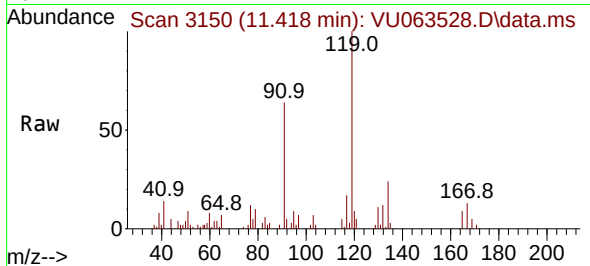
Tgt Ion:131 Resp: 3749
Ion Ratio Lower Upper
131 100
133 92.7 74.7 112.1
119 64.1 53.0 79.4





#61
Pentachloroethane
Concen: 0.757 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

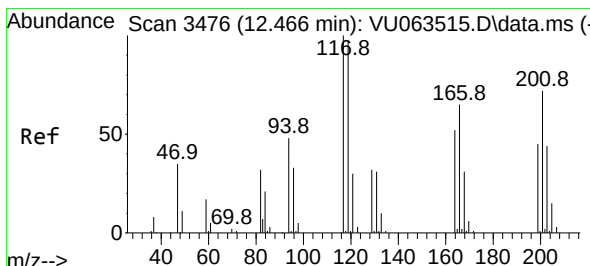
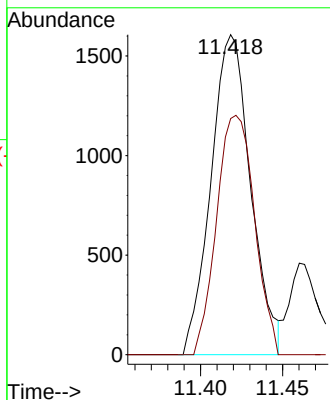
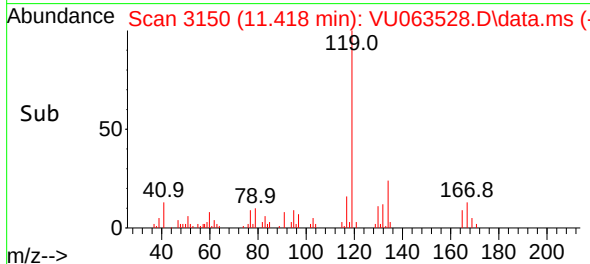
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



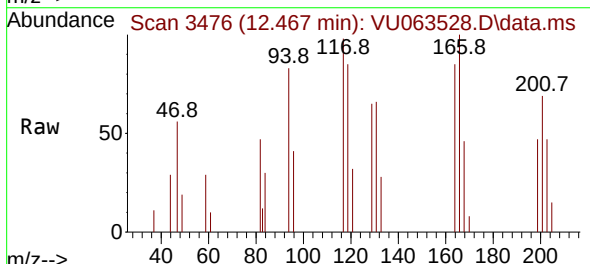
Tgt Ion:117 Resp: 2708
Ion Ratio Lower Upper
117 100
167 71.3 65.0 97.6

Manual Integrations
APPROVED

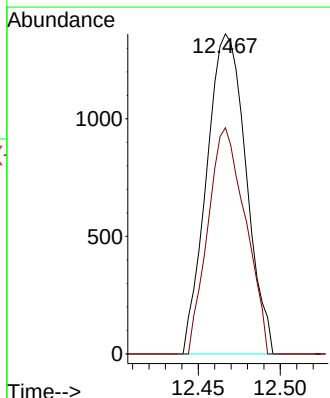
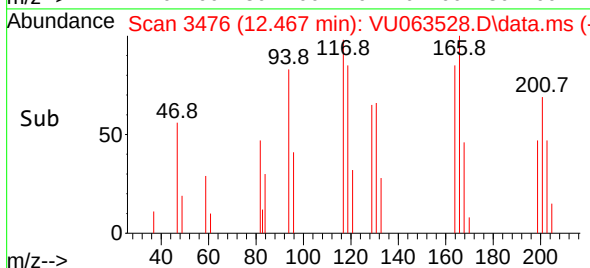
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

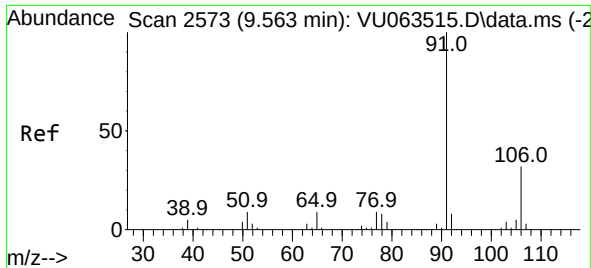


#62
Hexachloroethane
Concen: 0.642 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49



Tgt Ion:117 Resp: 2275
Ion Ratio Lower Upper
117 100
201 67.2 57.4 86.0





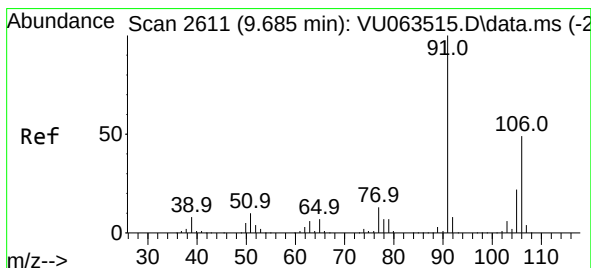
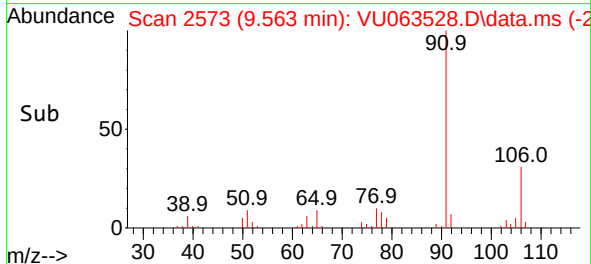
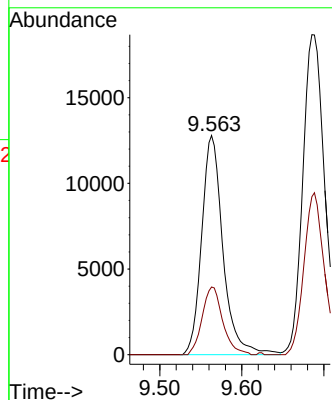
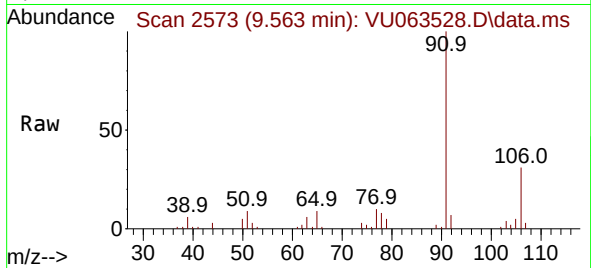
#63
Ethyl Benzene
Concen: 0.853 ug/l
RT: 9.563 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 91 Resp: 2311
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0

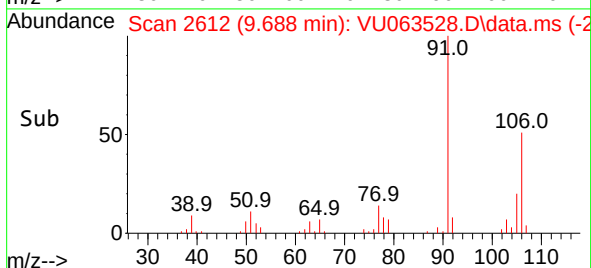
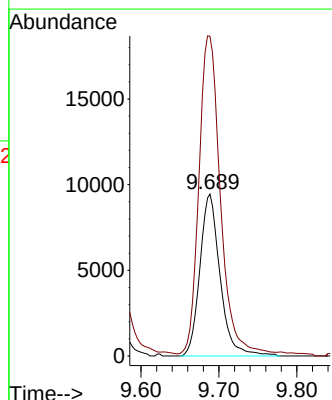
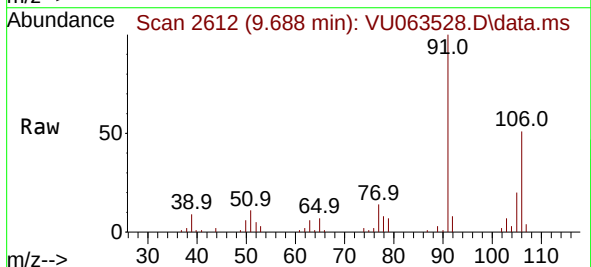
Manual Integrations
APPROVED

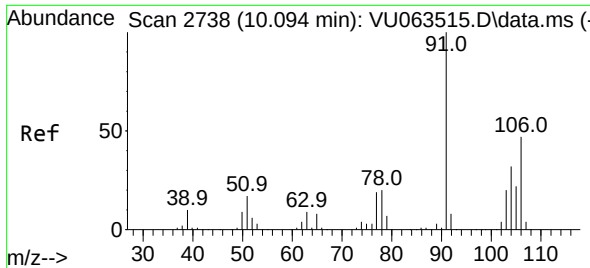
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#64
m/p-Xylenes
Concen: 1.616 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion:106 Resp: 17011
Ion Ratio Lower Upper
106 100
91 207.6 163.6 245.4





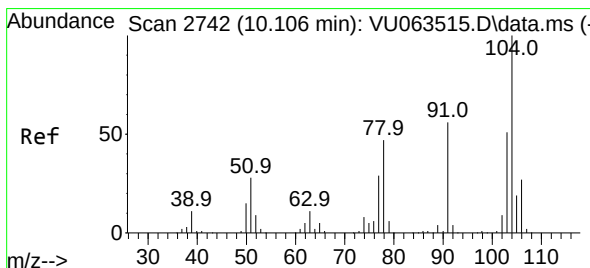
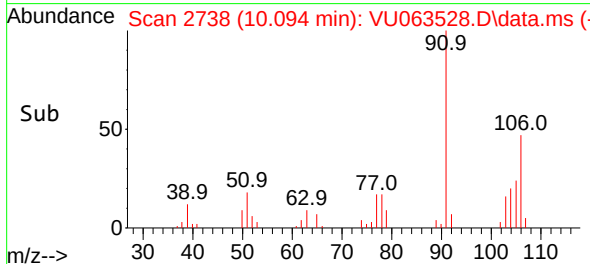
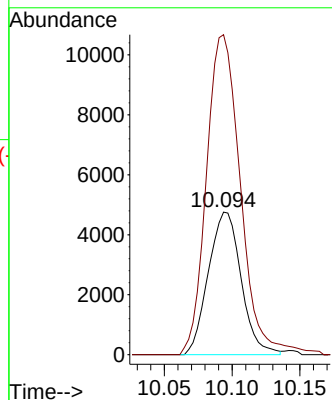
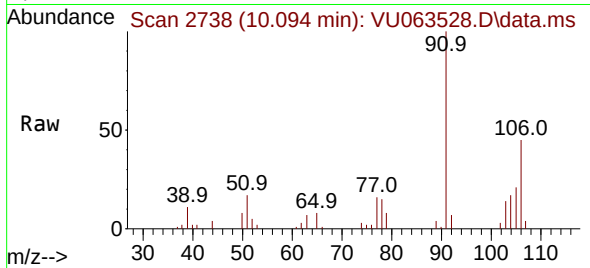
#65
o-Xylene
Concen: 0.791 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:106 Resp: 800
Ion Ratio Lower Upper
106 100
91 233.6 108.1 324.4

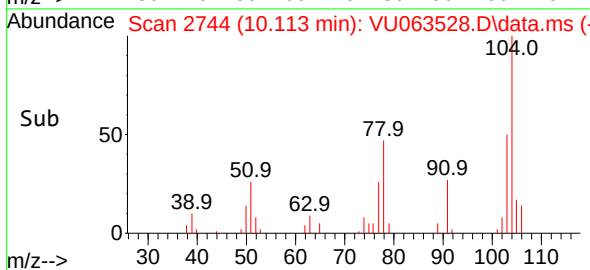
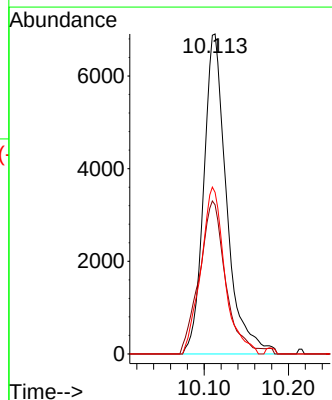
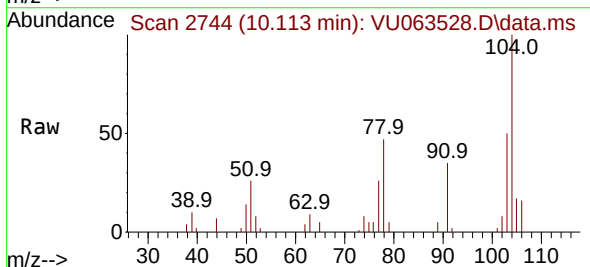
Manual Integrations
APPROVED

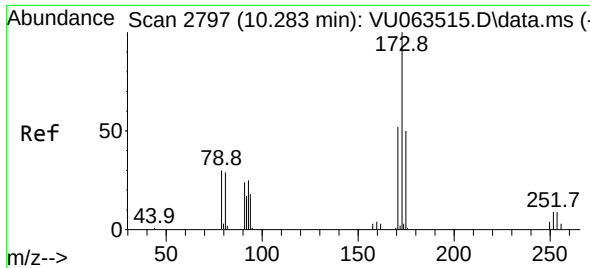
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#66
Styrene
Concen: 0.813 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

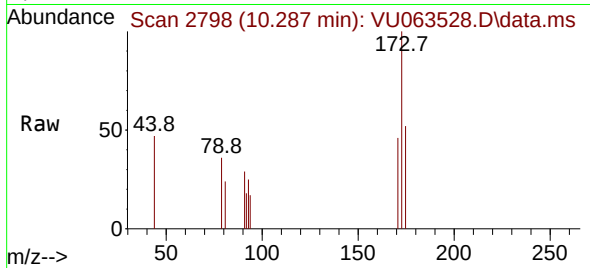
Tgt Ion:104 Resp: 13102
Ion Ratio Lower Upper
104 100
78 54.5 41.3 61.9
103 54.2 43.6 65.4





#67
Bromoform
Concen: 0.601 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

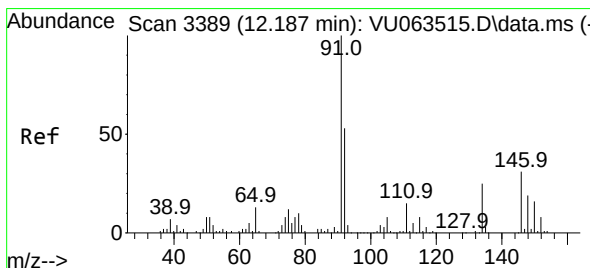
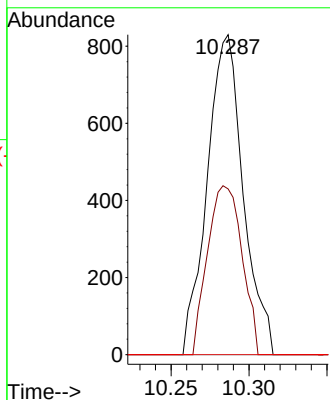
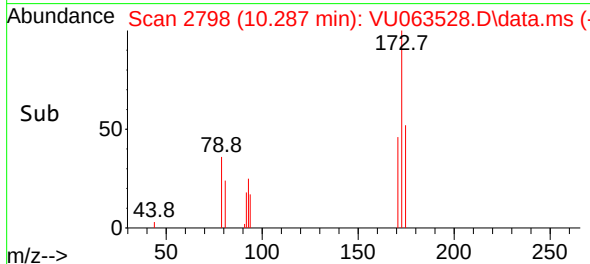
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



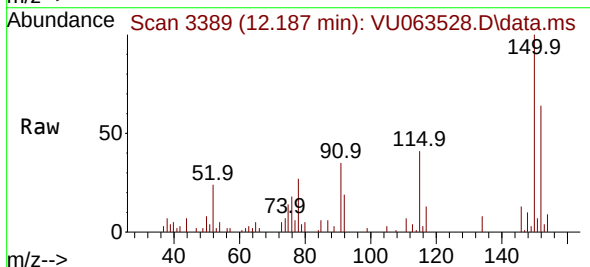
Tgt Ion:173 Resp: 133
Ion Ratio Lower Upper
173 100
175 50.4 39.0 58.4
254 0.0 6.5 9.7

Manual Integrations
APPROVED

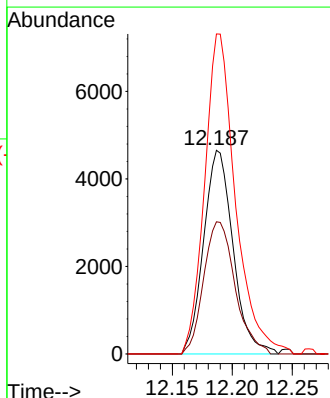
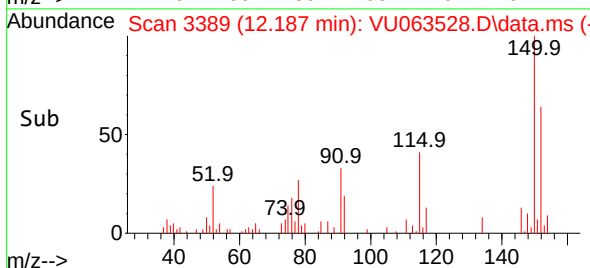
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

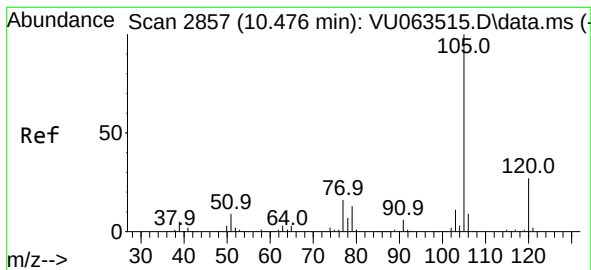


#68
1,2-Dichlorobenzene-d4
Concen: 1.063 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49



Tgt Ion:152 Resp: 7934
Ion Ratio Lower Upper
152 100
115 69.2 0.0 262.2
150 164.9 0.0 651.2





#69

Isopropylbenzene

Concen: 0.826 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion:105 Resp: 20190

Ion Ratio Lower Upper

105 100

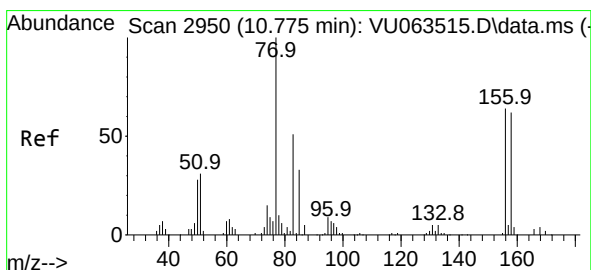
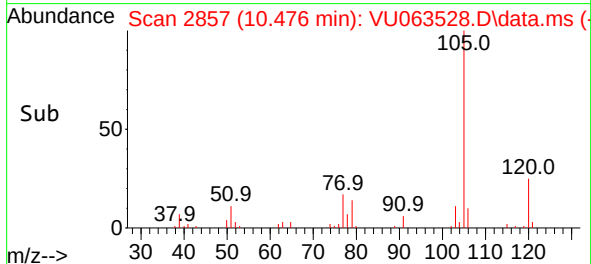
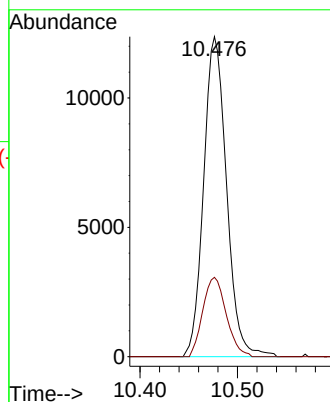
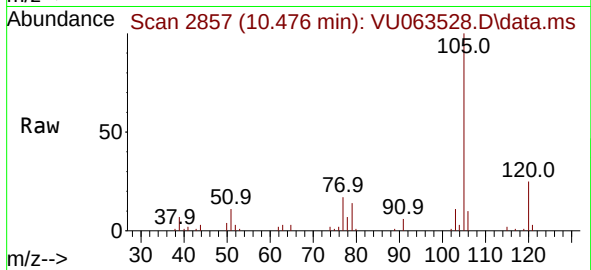
120 25.3 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 0.907 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

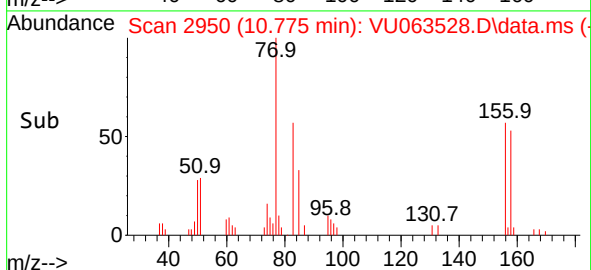
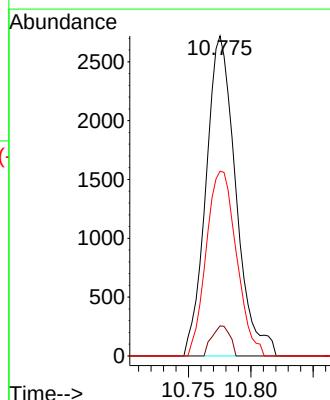
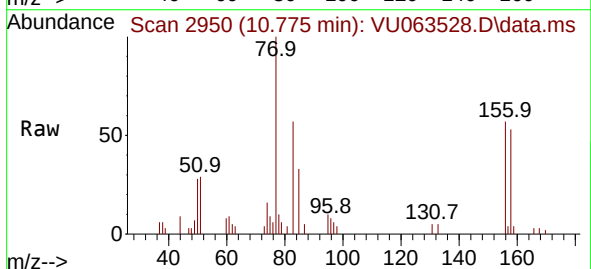
Tgt Ion: 83 Resp: 4524

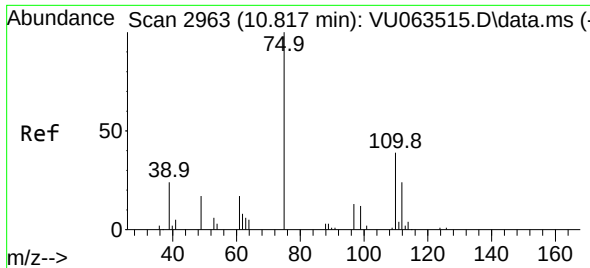
Ion Ratio Lower Upper

83 100

131 5.7 8.4 12.6#

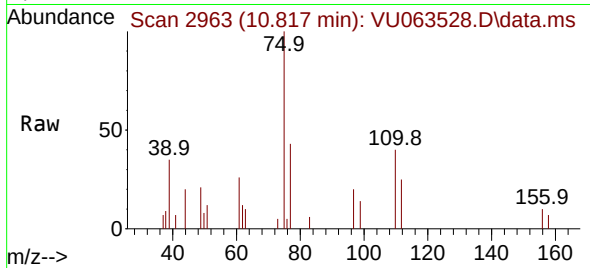
85 58.5 51.9 77.9





#71
1,2,3-Trichloropropane
Concen: 0.810 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

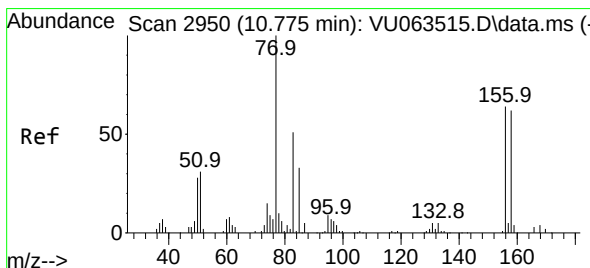
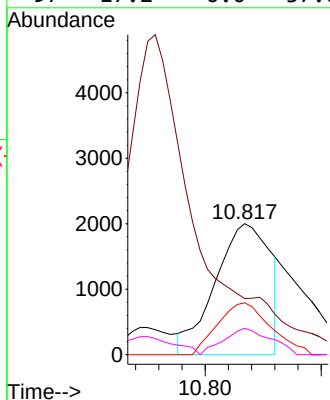
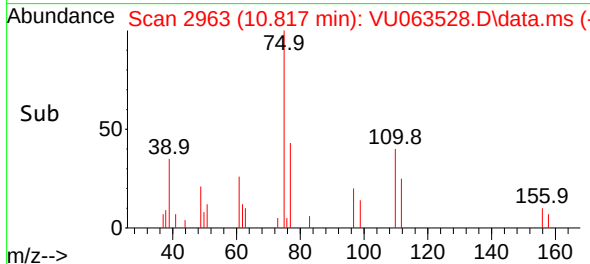
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



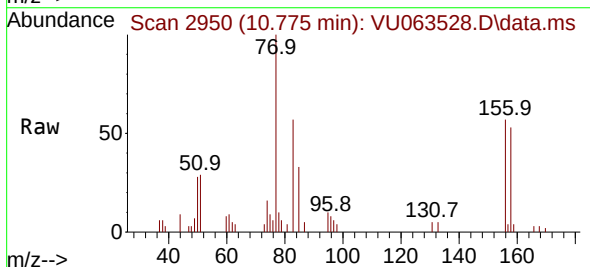
Tgt Ion: 75 Resp: 328
Ion Ratio Lower Upper
75 100
77 48.7 0.0 0.0
110 38.4 0.0 73.2
97 17.2 0.0 37.6

Manual Integrations
APPROVED

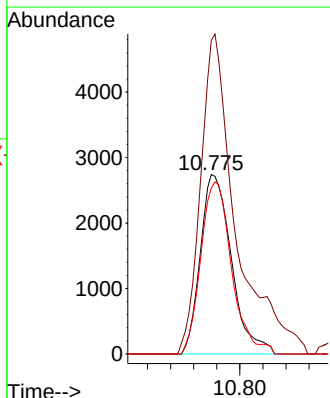
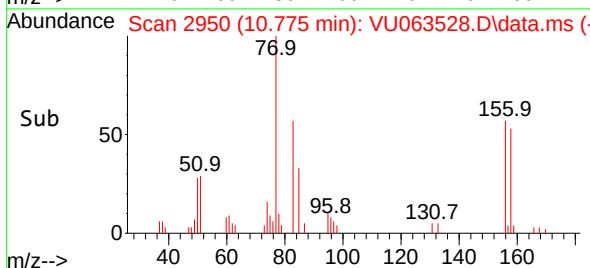
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

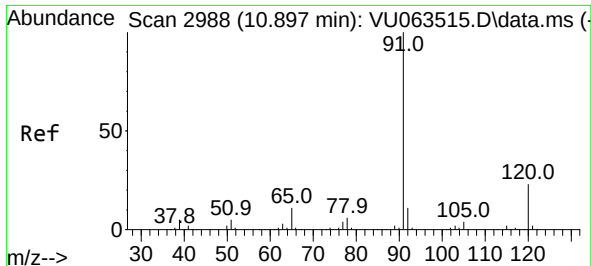


#72
Bromobenzene
Concen: 0.811 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49



Tgt Ion:156 Resp: 5120
Ion Ratio Lower Upper
156 100
77 202.4 0.0 315.2
158 94.9 0.0 195.4





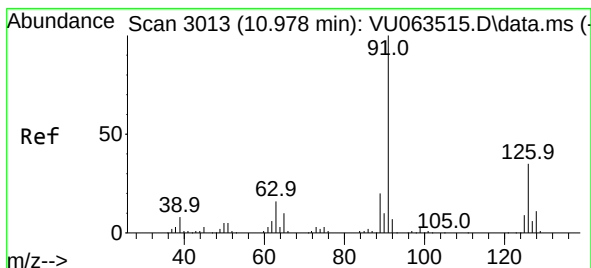
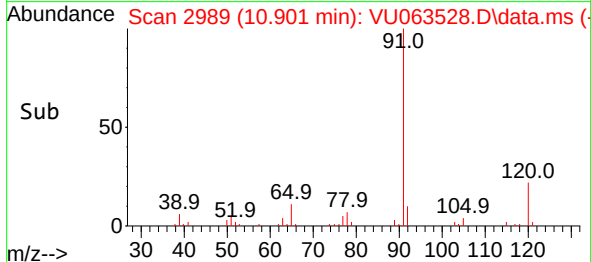
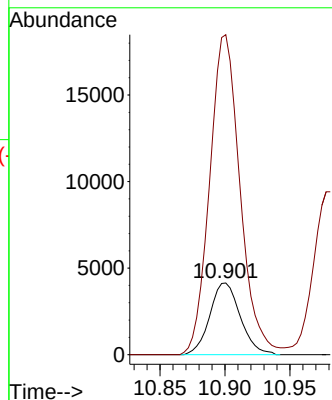
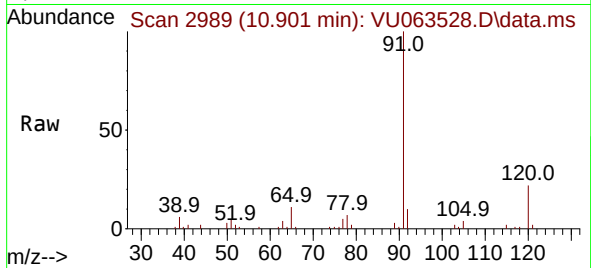
#73
n-propylbenzene
Concen: 0.920 ug/l
RT: 10.901 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:120 Resp: 6774
Ion Ratio Lower Upper
120 100
91 444.8 343.1 514.7

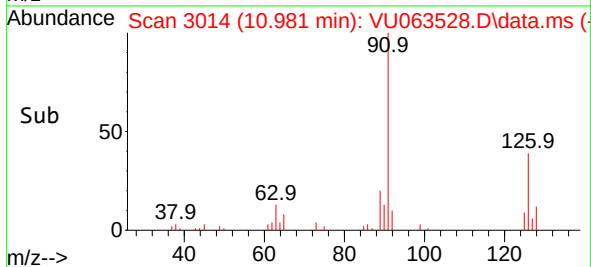
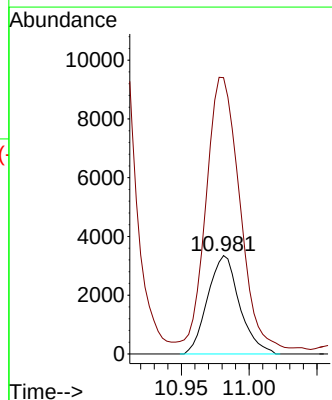
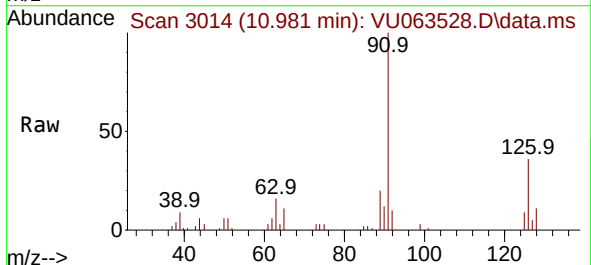
Manual Integrations
APPROVED

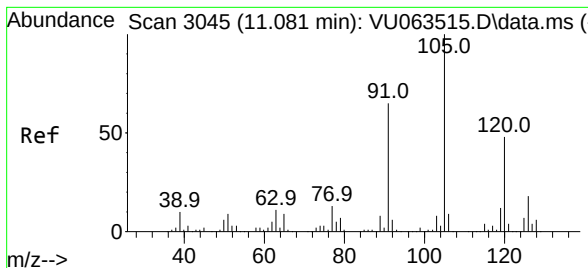
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#74
2-Chlorotoluene
Concen: 0.840 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion:126 Resp: 5466
Ion Ratio Lower Upper
126 100
91 308.4 0.0 606.0





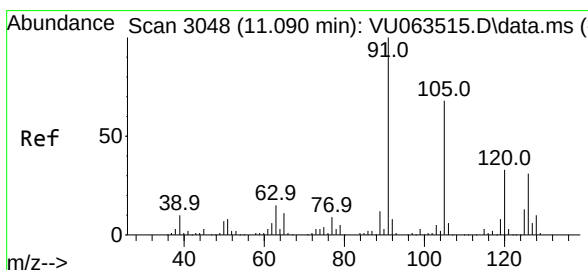
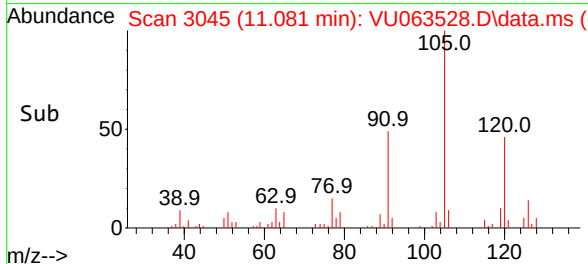
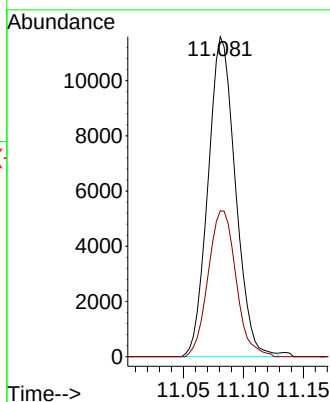
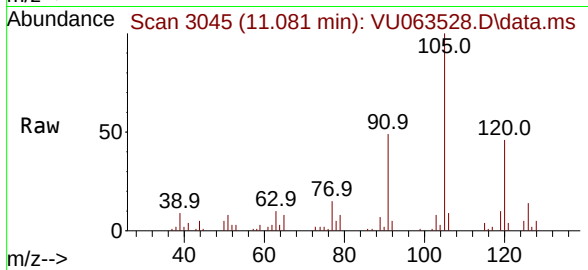
#75
1,3,5-Trimethylbenzene
Concen: 0.788 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:105 Resp: 1841
Ion Ratio Lower Upper
105 100
120 46.4 37.8 56.8

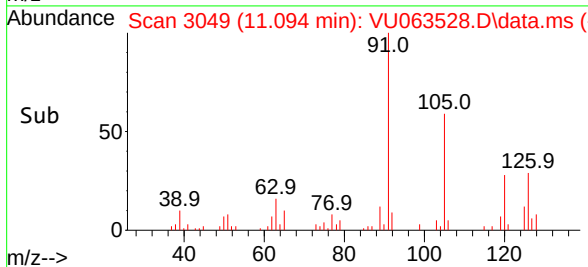
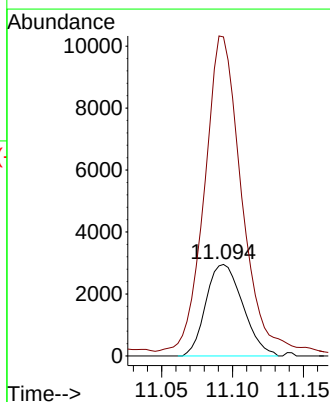
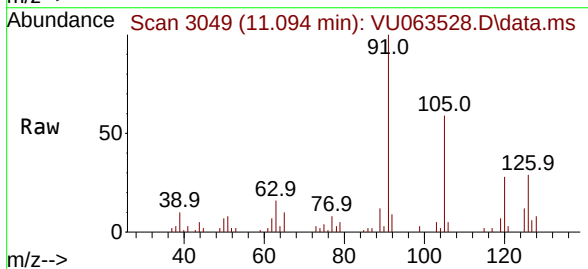
Manual Integrations
APPROVED

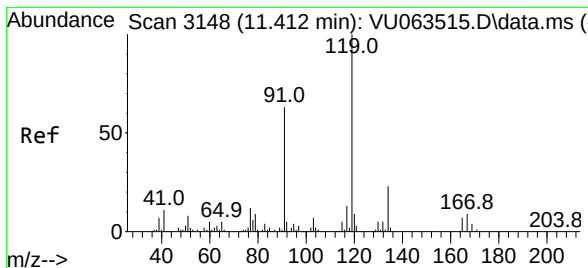
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#76
4-Chlorotoluene
Concen: 0.808 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion:126 Resp: 5340
Ion Ratio Lower Upper
126 100
91 362.5 0.0 682.2





#77

tert-Butylbenzene

Concen: 0.823 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

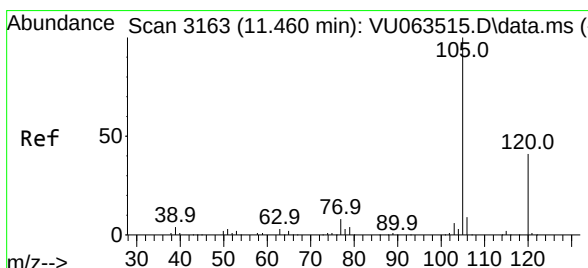
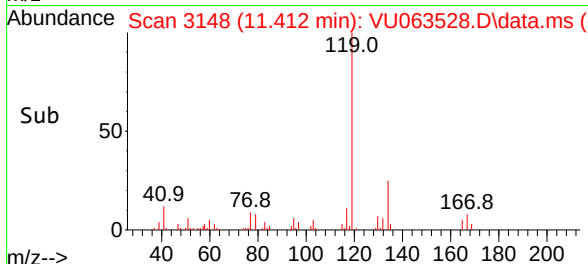
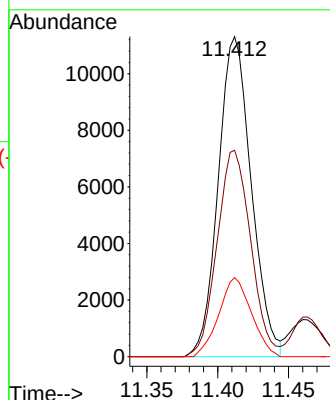
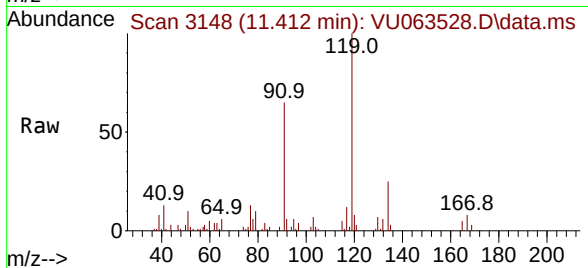
RL-CHECK

Tgt Ion:	119	Resp:	18378
Ion Ratio	Lower	Upper	
119	100		
91	65.6	30.7	92.1
134	24.3	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#78

1,2,4-Trimethylbenzene

Concen: 0.787 ug/l

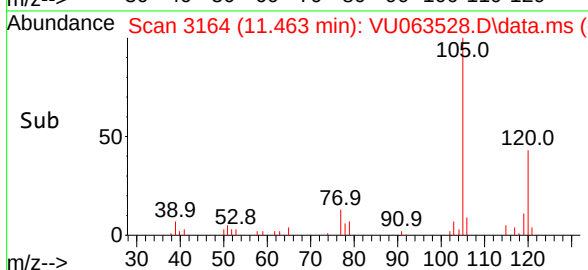
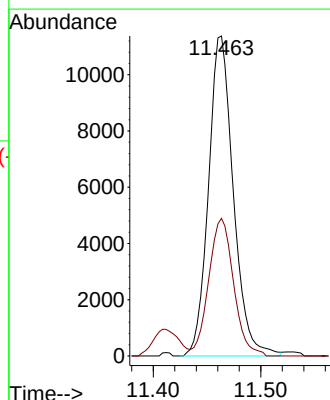
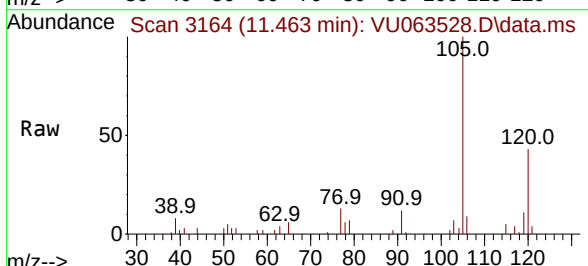
RT: 11.463 min Scan# 3164

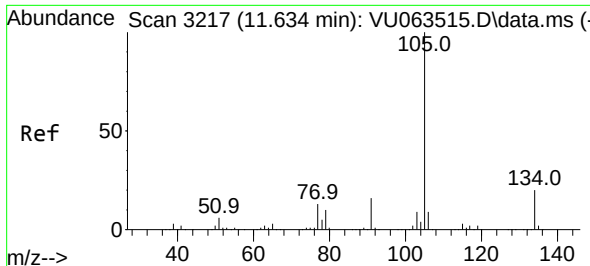
Delta R.T. 0.003 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

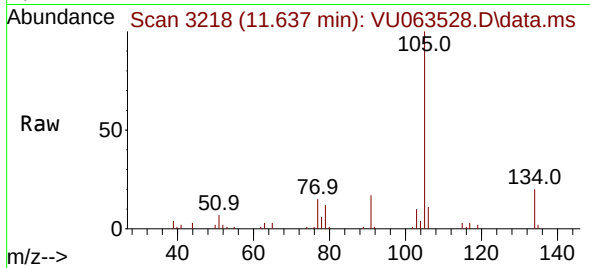
Tgt Ion:	105	Resp:	18250
Ion Ratio	Lower	Upper	
105	100		
120	43.0	22.7	68.0





#79
 sec-Butylbenzene
 Concen: 0.826 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

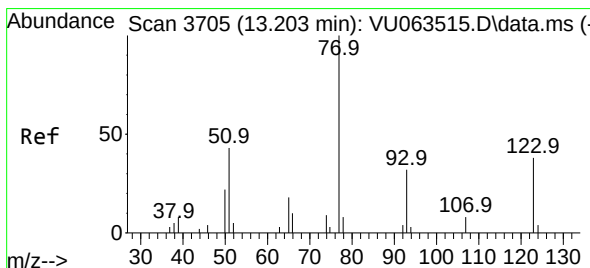
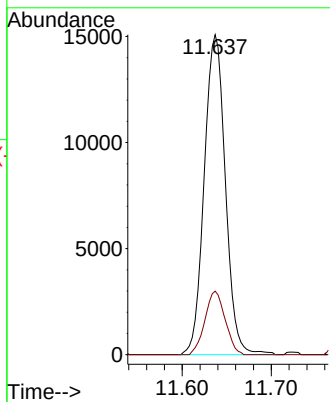
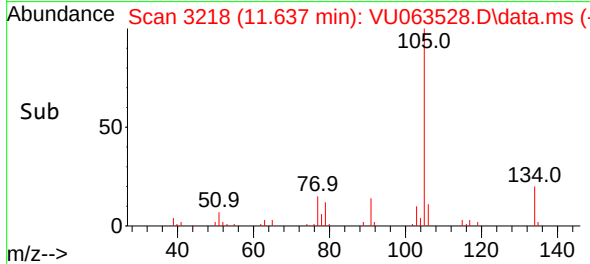
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



Tgt Ion:105 Resp: 2487
 Ion Ratio Lower Upper
 105 100
 134 18.9 16.2 24.4

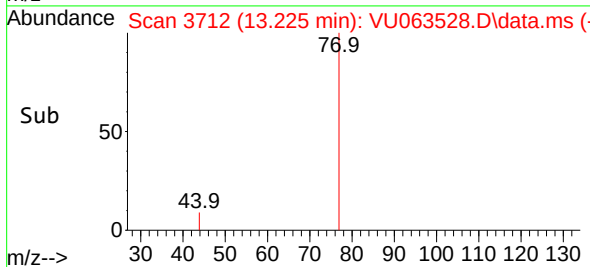
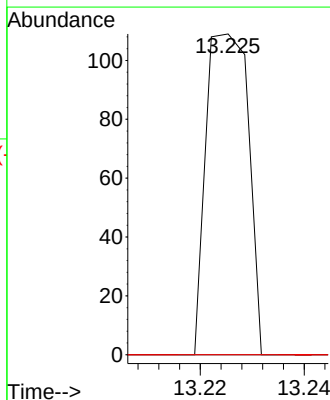
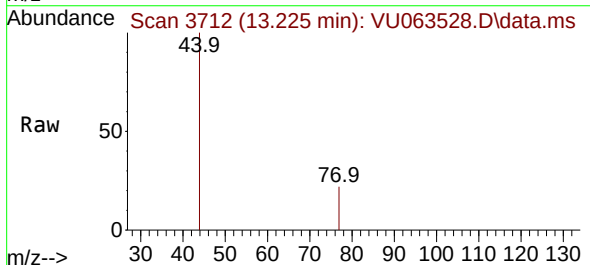
Manual Integrations
 APPROVED

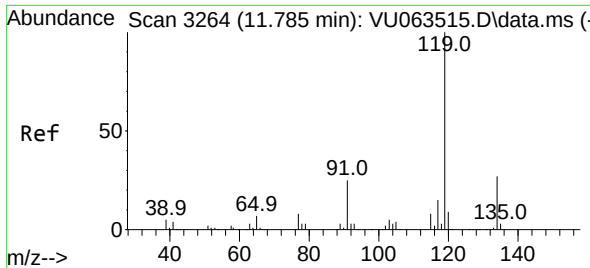
Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#80
 Nitrobenzene
 Concen: 0.709 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.022 min
 Lab File: VU063528.D
 Acq: 17 Jul 2025 16:49

Tgt Ion: 77 Resp: 62
 Ion Ratio Lower Upper
 77 100
 123 0.0 16.9 59.7#
 65 0.0 16.5 20.9#





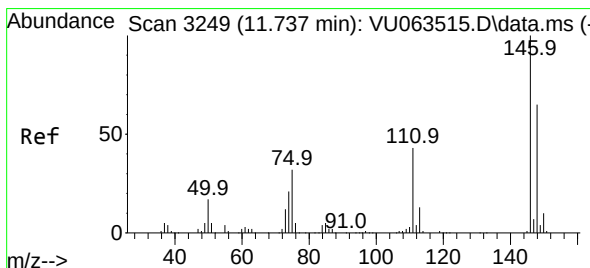
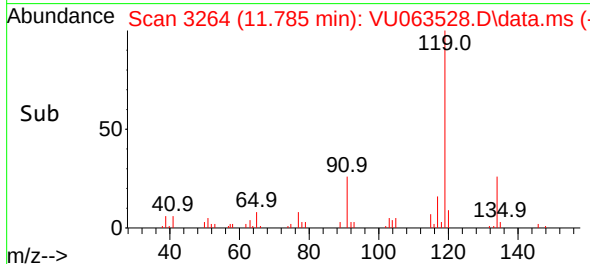
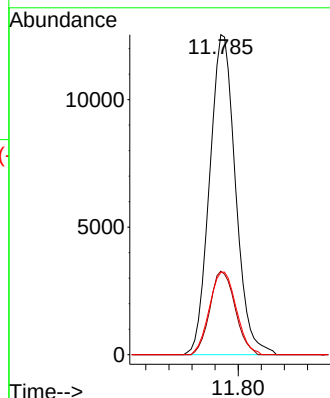
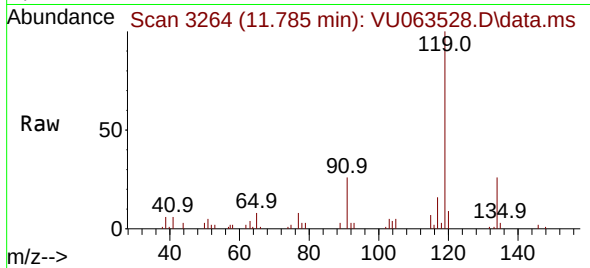
#81
p-Isopropyltoluene
Concen: 0.777 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:119 Resp: 1952
Ion Ratio Lower Upper
119 100
134 25.5 21.1 31.7
91 26.7 19.8 29.8

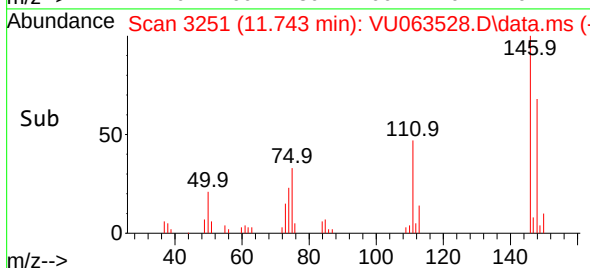
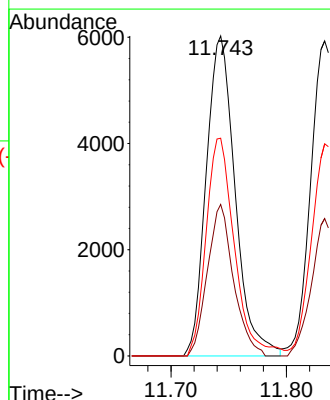
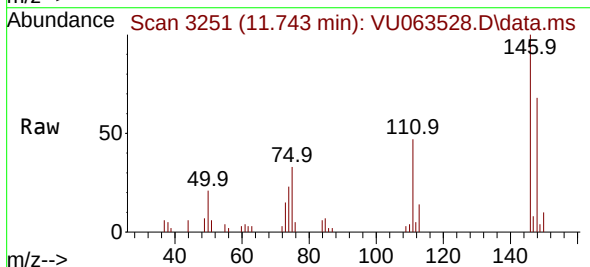
Manual Integrations
APPROVED

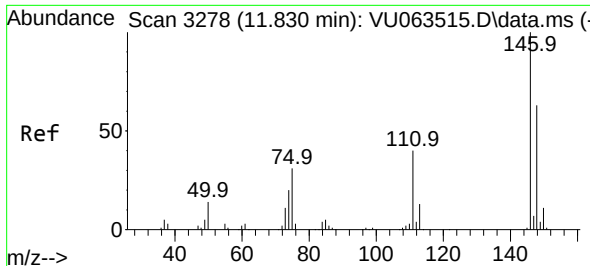
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#82
1,3-Dichlorobenzene
Concen: 0.829 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.007 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

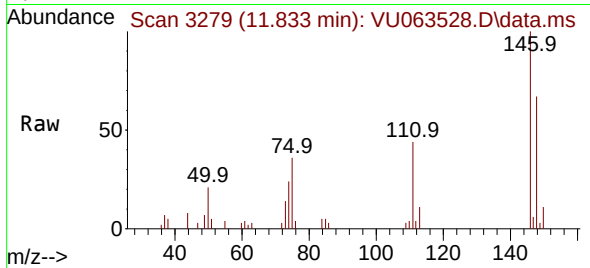
Tgt Ion:146 Resp: 10465
Ion Ratio Lower Upper
146 100
111 42.8 33.8 50.6
148 66.9 51.5 77.3





#83
1,4-Dichlorobenzene
Concen: 0.864 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

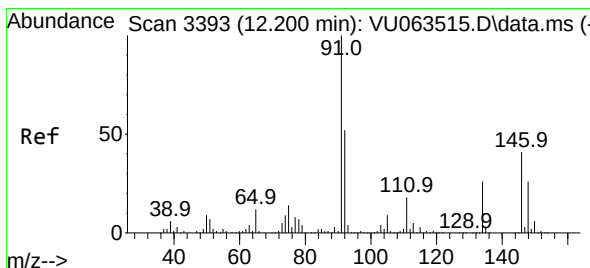
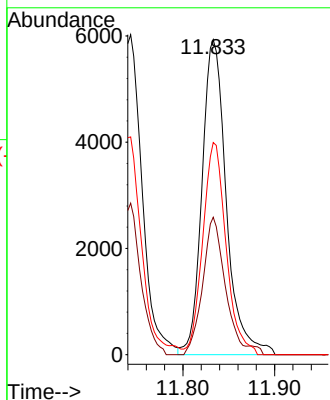
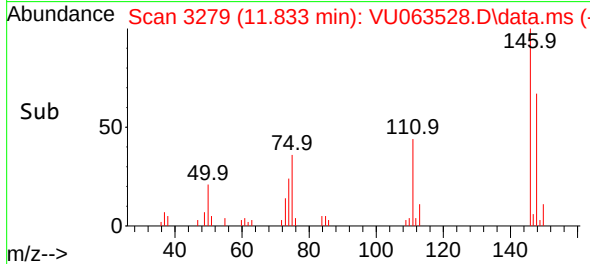
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:146 Resp: 1092
Ion Ratio Lower Upper
146 100
111 41.3 32.0 48.0
148 64.6 50.2 75.2

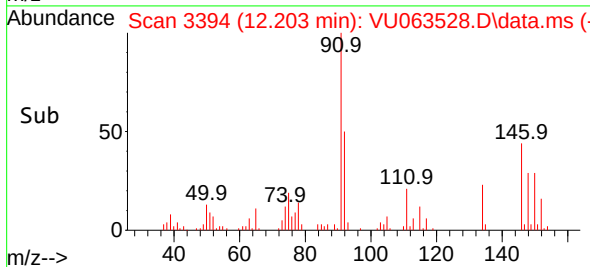
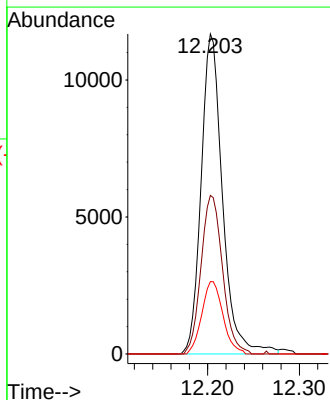
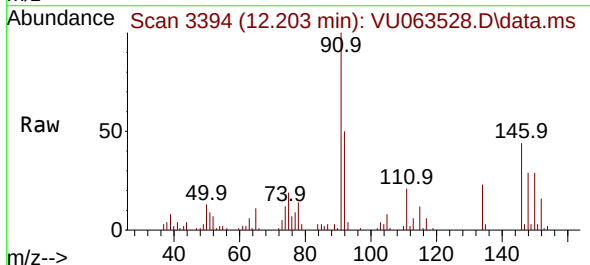
Manual Integrations
APPROVED

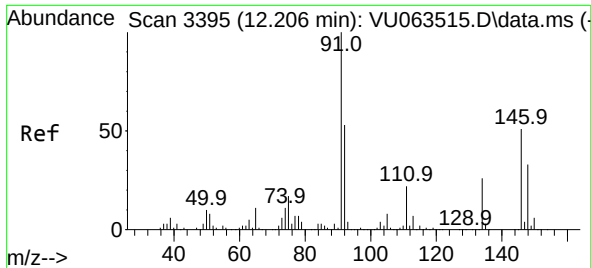
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#84
n-Butylbenzene
Concen: 0.811 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Tgt Ion: 91 Resp: 18903
Ion Ratio Lower Upper
91 100
92 49.9 41.5 62.3
134 22.4 20.6 30.8





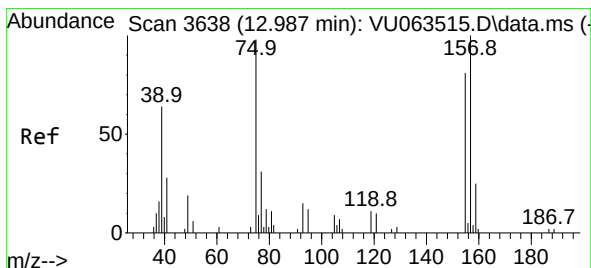
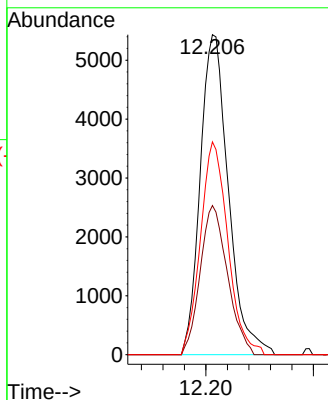
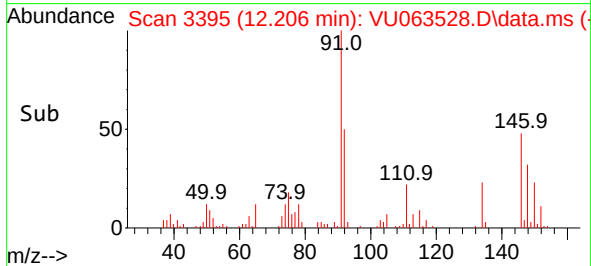
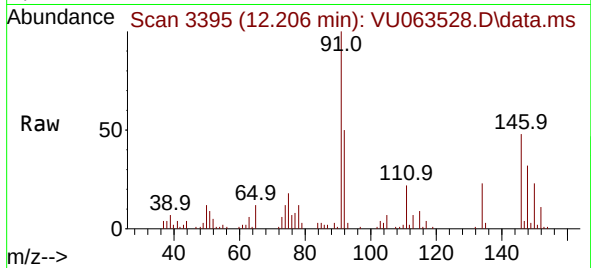
#85
1,2-Dichlorobenzene
Concen: 0.832 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:146 Resp: 986
Ion Ratio Lower Upper
146 100
111 45.2 21.7 65.1
148 64.8 31.8 95.3

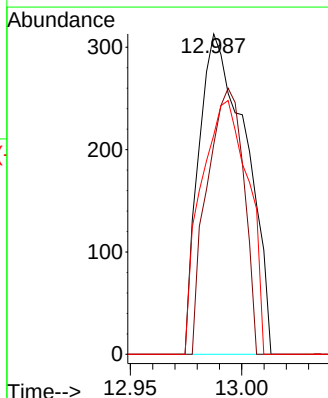
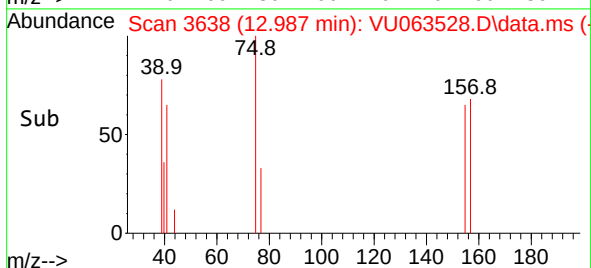
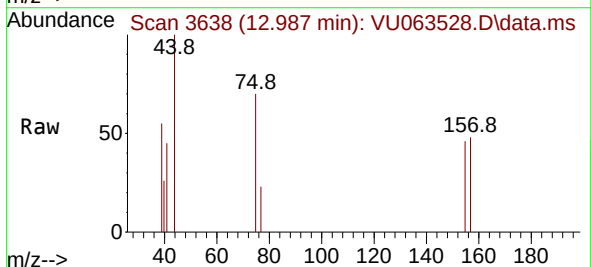
Manual Integrations
APPROVED

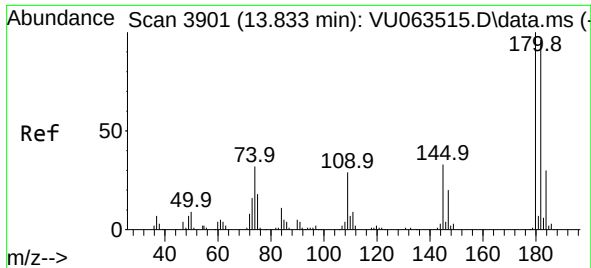
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.650 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

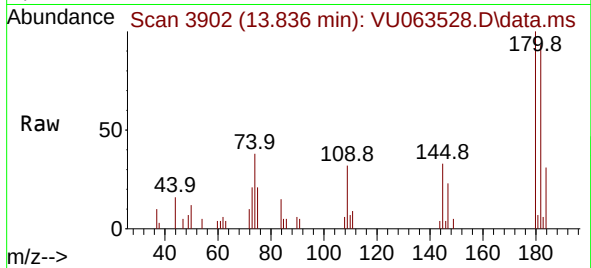
Tgt Ion: 75 Resp: 461
Ion Ratio Lower Upper
75 100
155 64.2 65.8 98.6#
157 79.2 81.4 122.2#





#87
1,2,4-Trichlorobenzene
Concen: 0.740 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49

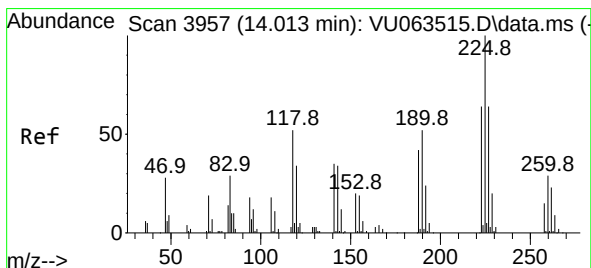
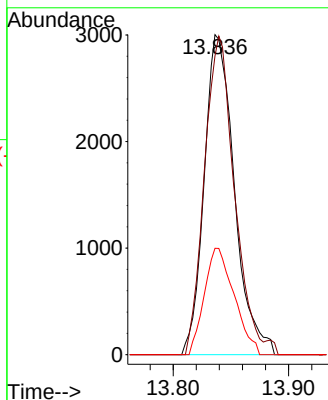
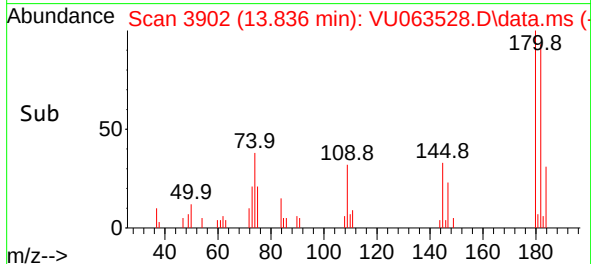
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



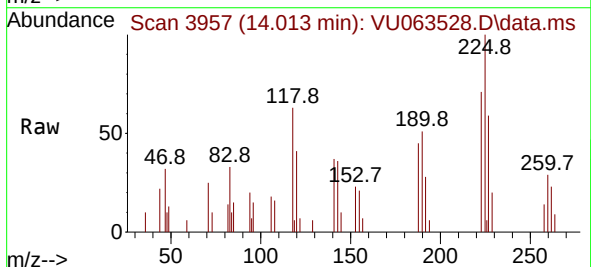
Tgt Ion:180 Resp: 546
Ion Ratio Lower Upper
180 100
182 99.5 76.2 114.4
145 32.8 26.2 39.2

Manual Integrations
APPROVED

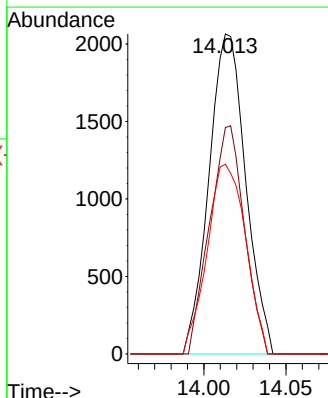
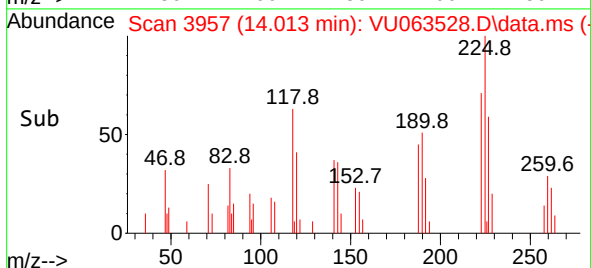
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

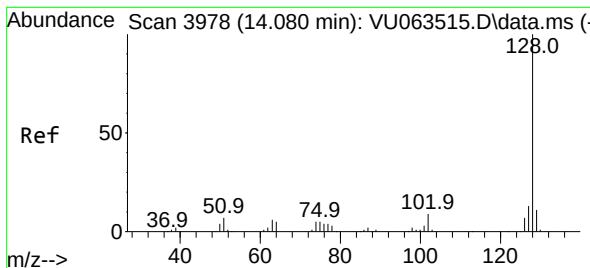


#88
Hexachlorobutadiene
Concen: 0.767 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU063528.D
Acq: 17 Jul 2025 16:49



Tgt Ion:225 Resp: 3214
Ion Ratio Lower Upper
225 100
223 67.2 50.8 76.2
227 62.0 51.0 76.6





#89

Naphthalene

Concen: 0.772 ug/l

RT: 14.090 min Scan# 3978

Delta R.T. 0.010 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Instrument :

MSVOA_U

ClientSampleId :

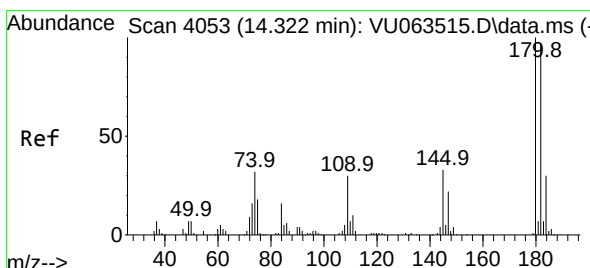
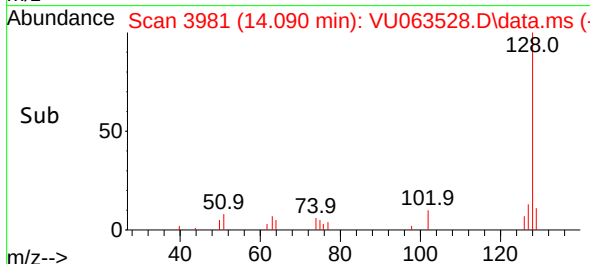
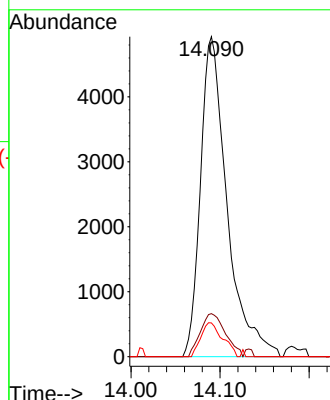
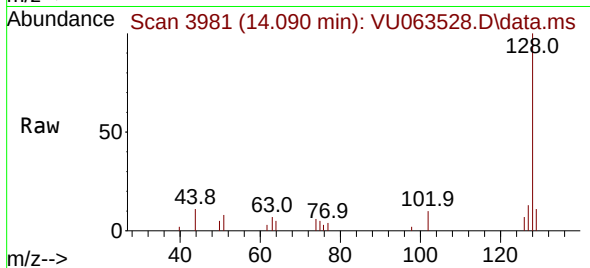
RL-CHECK

Tgt Ion:128	Resp: 1021
Ion Ratio	Lower Upper
128 100	
127 12.7	10.2 15.4
129 8.7	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#90

1,2,3-Trichlorobenzene

Concen: 0.789 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.007 min

Lab File: VU063528.D

Acq: 17 Jul 2025 16:49

Tgt Ion:180	Resp: 5381
Ion Ratio	Lower Upper
180 100	
182 90.7	78.0 117.0
145 33.7	27.3 40.9

