

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063542.D
 Acq On : 18 Jul 2025 17:56
 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 19 00:21:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Jul 19 00:21:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.100	96	18139	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	6715	0.978	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	5933	0.934	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	2181	0.408	ug/l	91
3) Chloromethane	1.518	50	2424	0.488	ug/l	97
4) Vinyl Chloride	1.599	62	3001	0.474	ug/l	99
5) Bromomethane	1.850	94	3057	0.640	ug/l	92
6) Chloroethane	1.924	64	2024	0.529	ug/l	93
7) Trichlorofluoromethane	2.129	101	4516	0.497	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	2460	0.518	ug/l	96
9) 1,1-Dichloroethene	2.570	96	2225	0.472	ug/l	93
10) Iodomethane	2.715	142	1009	0.177	ug/l	# 86
11) Allyl Chloride	2.911	41	3383	0.497	ug/l	92
12) Acrylonitrile	3.303	53	1131	0.960	ug/l	95
13) Acetone	2.621	43	2815	2.983	ug/l	97
14) Carbon Disulfide	2.779	76	5411	0.356	ug/l	# 94
15) Methylene Chloride	3.030	84	4204	0.758	ug/l	93
16) trans-1,2-Dichloroethene	3.335	96	2626	0.491	ug/l	95
17) 1,1-Dichloroethane	3.853	63	5085	0.513	ug/l	# 93
18) 2-Butanone	4.718	43	3509	2.401	ug/l	92
19) Cyclohexane	5.358	56	3989	0.475	ug/l	# 91
20) Methylcyclohexane	6.740	83	3325	0.408	ug/l	98
21) 2,2-Dichloropropane	4.647	77	3583	0.424	ug/l	94
22) cis-1,2-Dichloroethene	4.650	96	2915	0.502	ug/l	96
23) Diethyl Ether	2.370	59	1801	0.502	ug/l	# 84
24) tert-Butyl Alcohol	3.197	59	2326	5.370	ug/l	# 80
25) Methyl tert-Butyl Ether	3.364	73	6460	0.525	ug/l	# 74
26) Bromochloromethane	4.959	128	1154	0.476	ug/l	92
27) Chloroform	5.075	83	5235	0.518	ug/l	97
28) 1,1,1-Trichloroethane	5.296	97	3935	0.458	ug/l	99
29) 1,1-Dichloropropene	5.502	75	3740	0.470	ug/l	# 77
30) Carbon Tetrachloride	5.502	117	2748	0.398	ug/l	98
31) Isopropyl Ether	3.997	45	8475	0.566	ug/l	98
32) Ethyl-t-butyl ether	4.502	59	7398	0.534	ug/l	98
33) Tert-Amyl methyl ether	5.946	73	6017	0.501	ug/l	97
34) Propionitrile	4.772	54	1215m	2.729	ug/l	
35) Benzene	5.756	78	11927	0.558	ug/l	94
36) 1,2-Dichloroethane	5.782	62	3723	0.561	ug/l	99
37) Trichloroethene	6.528	130	2161	0.396	ug/l	97
38) 1,2-Dichloropropane	6.782	63	2244	0.449	ug/l	92
39) Methacrylonitrile	4.975	41	1303	0.658	ug/l	# 55
40) Methyl acrylate	4.853	55	1798	0.621	ug/l	# 85
41) Tetrahydrofuran	5.062	42	1160m	1.114	ug/l	
42) 1-Chlorobutane	5.438	56	4714	0.446	ug/l	94
43) Dibromomethane	6.911	93	1069	0.413	ug/l	# 86
44) Bromodichloromethane	7.100	83	1992	0.341	ug/l	# 92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063542.D
 Acq On : 18 Jul 2025 17:56
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

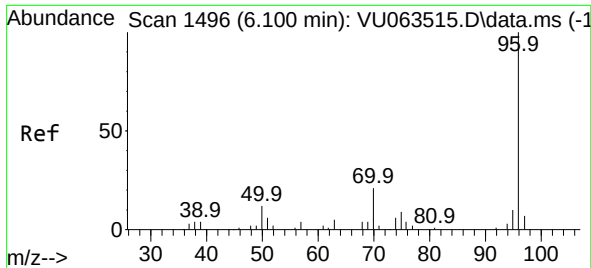
Quant Time: Jul 19 00:21:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Jul 19 00:21:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

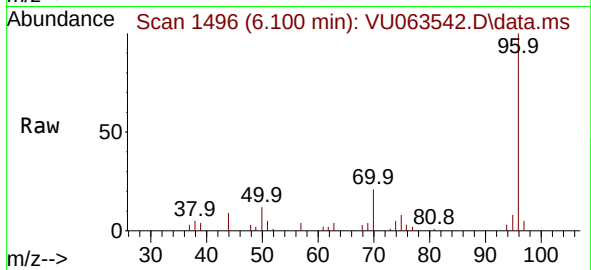
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	5671	2.124	ug/l	97
46) t-1,4-Dichloro-2-butene	10.817	75	1017m	1.015	ug/l	
47) Methyl methacrylate	6.972	69	1616	0.743	ug/l #	86
48) Ethyl methacrylate	8.341	69	1528	0.368	ug/l	91
49) Toluene	7.962	92	4728	0.405	ug/l	95
50) t-1,3-Dichloropropene	8.213	75	1420	0.310	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	1884	0.306	ug/l #	73
52) 1,1,2-Trichloroethane	8.396	97	1569	0.450	ug/l	96
53) 1,3-Dichloropropane	8.573	76	2766	0.459	ug/l	98
54) 2-Hexanone	8.701	43	3945m	2.224	ug/l	
55) Dibromochloromethane	8.801	129	1072	0.291	ug/l	94
56) 1,2-Dibromoethane	8.923	107	1403	0.449	ug/l	88
58) Tetrachloroethene	8.544	164	2169	0.435	ug/l	95
59) Chlorobenzene	9.444	112	5982	0.446	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.521	131	1450	0.336	ug/l	95
61) Pentachloroethane	11.415	117	995	0.327	ug/l #	68
62) Hexachloroethane	12.467	117	768	0.255	ug/l #	82
63) Ethyl Benzene	9.563	91	10017	0.434	ug/l	96
64) m/p-Xylenes	9.689	106	7315	0.816	ug/l	92
65) o-Xylene	10.097	106	3573	0.415	ug/l	94
66) Styrene	10.113	104	5195	0.378	ug/l	93
67) Bromoform	10.287	173	428	0.226	ug/l #	81
69) Isopropylbenzene	10.480	105	8489	0.408	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	1653	0.389	ug/l #	92
71) 1,2,3-Trichloropropane	10.817	75	1706m	0.495	ug/l	
72) Bromobenzene	10.782	156	2019	0.376	ug/l	80
73) n-propylbenzene	10.898	120	2548	0.407	ug/l	79
74) 2-Chlorotoluene	10.981	126	2230	0.403	ug/l	88
75) 1,3,5-Trimethylbenzene	11.084	105	7517	0.378	ug/l	97
76) 4-Chlorotoluene	11.097	126	2295	0.408	ug/l	92
77) tert-Butylbenzene	11.412	119	7570	0.398	ug/l	94
78) 1,2,4-Trimethylbenzene	11.463	105	7613	0.386	ug/l	100
79) sec-Butylbenzene	11.637	105	10630	0.415	ug/l	96
81) p-Isopropyltoluene	11.788	119	8223	0.384	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	4276	0.398	ug/l	95
83) 1,4-Dichlorobenzene	11.833	146	4640	0.431	ug/l	98
84) n-Butylbenzene	12.203	91	8117	0.409	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	4549	0.450	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.994	75	45	0.075	ug/l #	3
87) 1,2,4-Trichlorobenzene	13.839	180	4657	0.741	ug/l	95
88) Hexachlorobutadiene	14.013	225	1602	0.449	ug/l	88
89) Naphthalene	14.094	128	5620	0.499	ug/l	96
90) 1,2,3-Trichlorobenzene	14.325	180	3020	0.520	ug/l	94

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

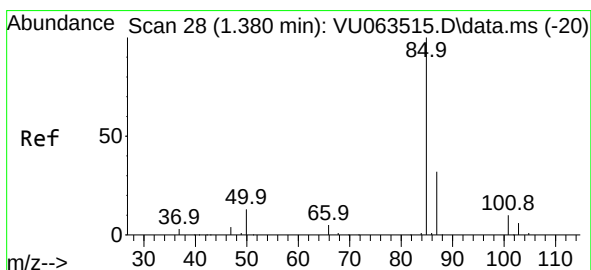
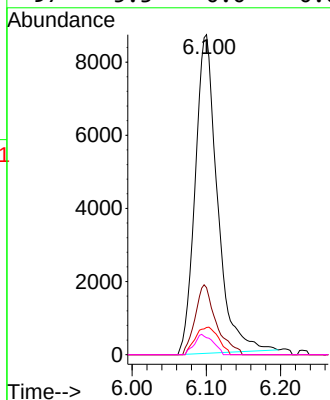
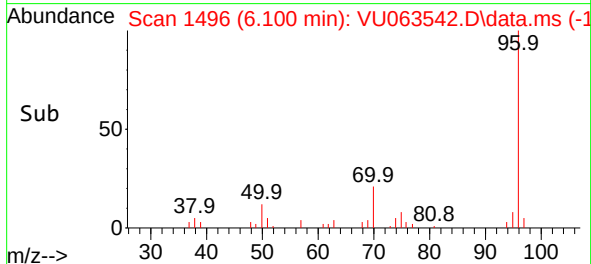
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 96 Resp: 18139
Ion Ratio Lower Upper
96 100
70 20.6 15.0 22.4
95 9.0 7.4 11.0
97 5.3 0.0 0.0#

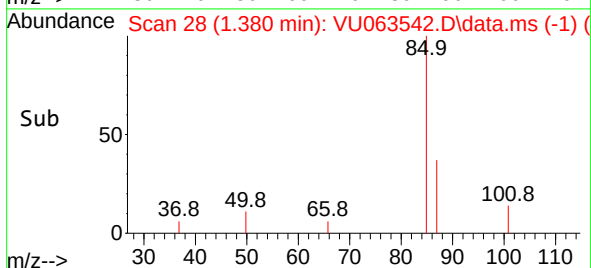
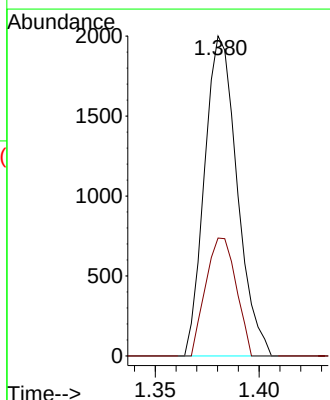
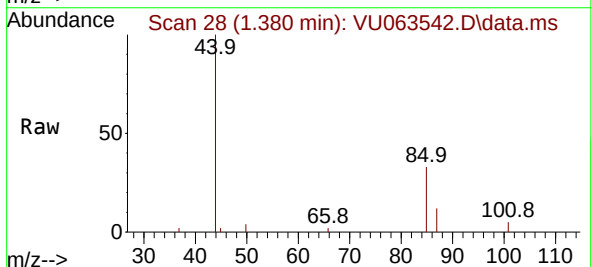
Manual Integrations
APPROVED

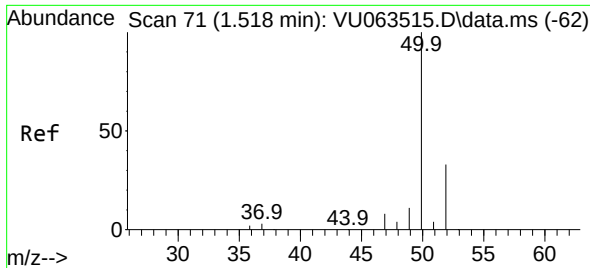
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#2
Dichlorodifluoromethane
Concen: 0.408 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

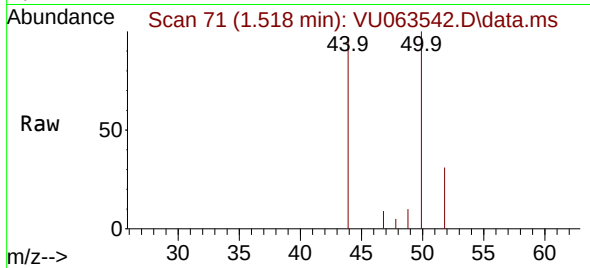
Tgt Ion: 85 Resp: 2181
Ion Ratio Lower Upper
85 100
87 36.8 16.0 47.9





#3
Chloromethane
Concen: 0.488 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

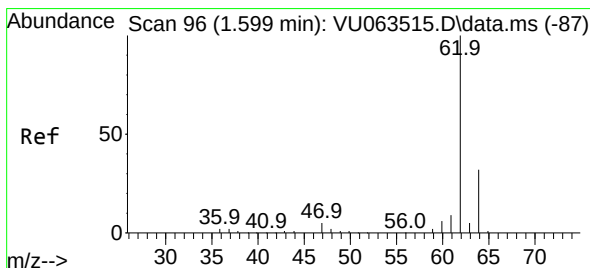
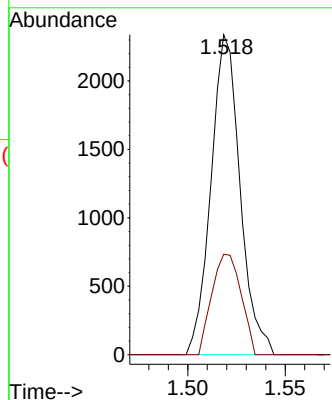
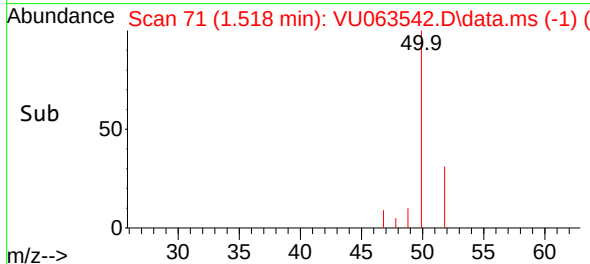
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



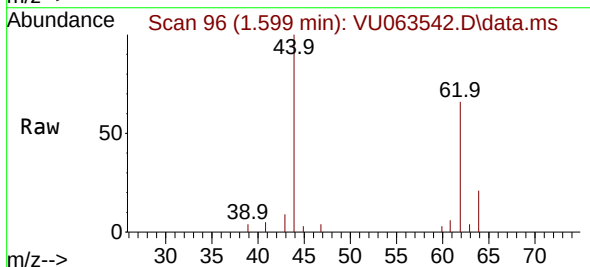
Tgt Ion: 50 Resp: 2424
Ion Ratio Lower Upper
50 100
52 31.4 26.3 39.5

Manual Integrations
APPROVED

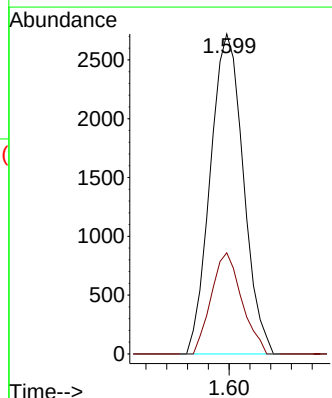
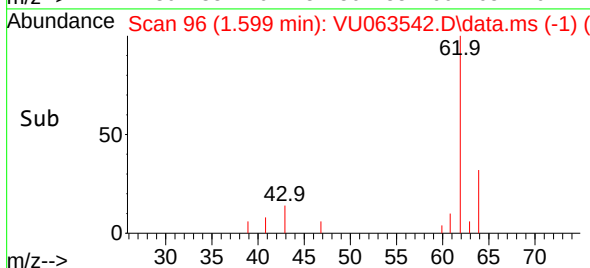
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

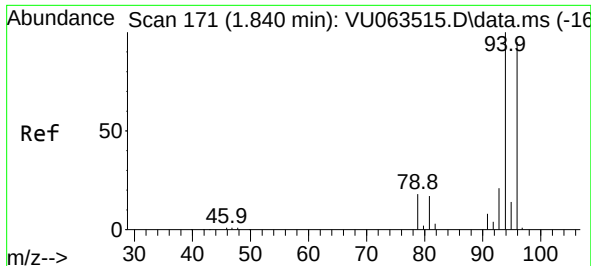


#4
Vinyl Chloride
Concen: 0.474 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56



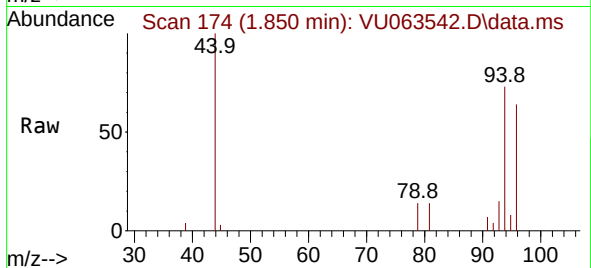
Tgt Ion: 62 Resp: 3001
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5





#5
Bromomethane
Concen: 0.640 ug/l
RT: 1.850 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

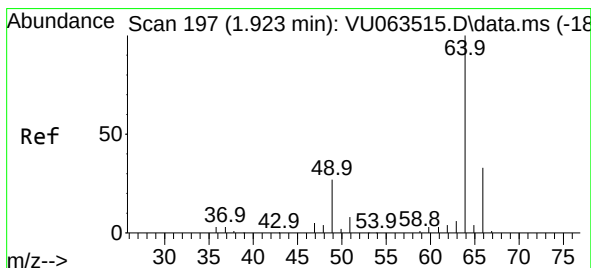
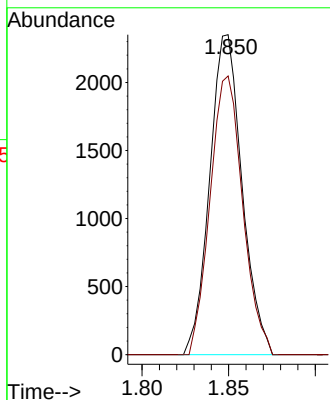
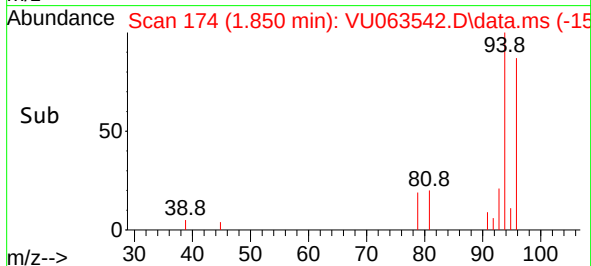
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 94 Resp: 305
Ion Ratio Lower Upper
94 100
96 87.1 75.8 113.6

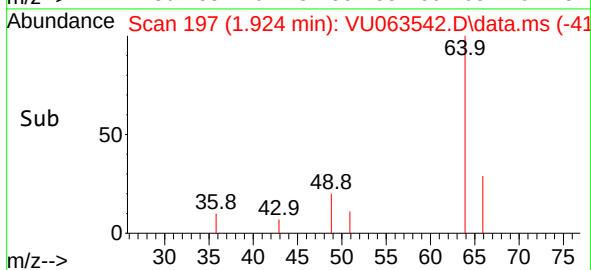
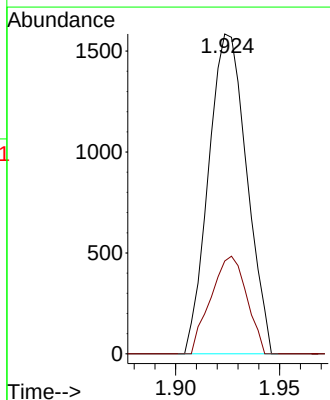
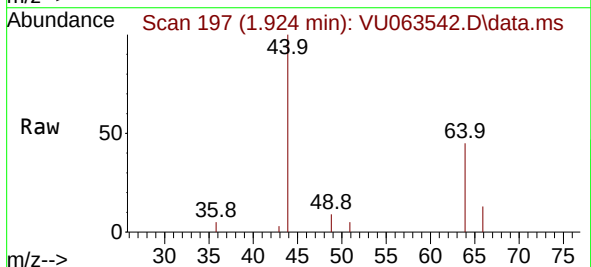
Manual Integrations
APPROVED

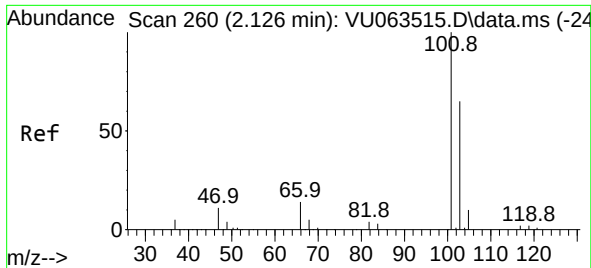
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#6
Chloroethane
Concen: 0.529 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

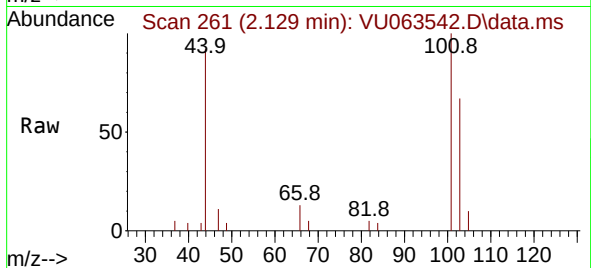
Tgt Ion: 64 Resp: 2024
Ion Ratio Lower Upper
64 100
66 29.0 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 0.497 ug/l
 RT: 2.129 min Scan# 261
 Delta R.T. 0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

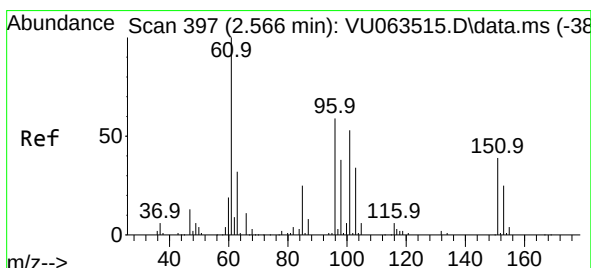
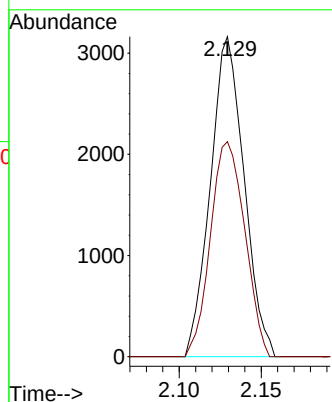
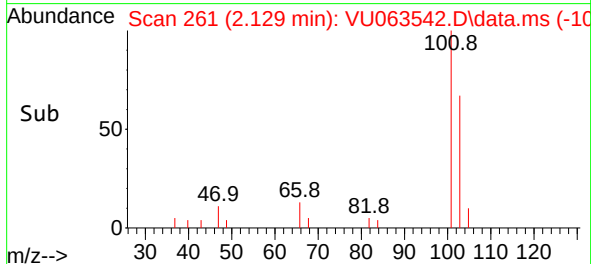
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



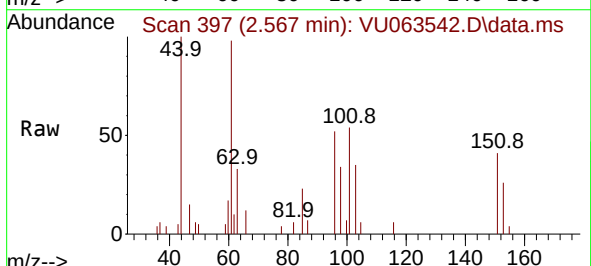
Tgt Ion:101 Resp: 4510
 Ion Ratio Lower Upper
 101 100
 103 67.2 52.2 78.4

Manual Integrations
 APPROVED

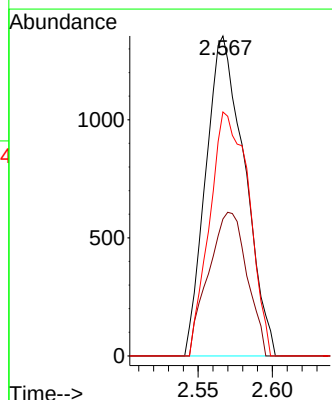
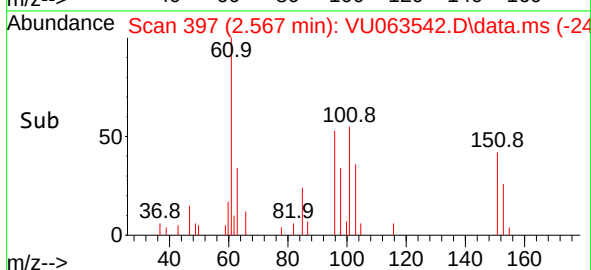
Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

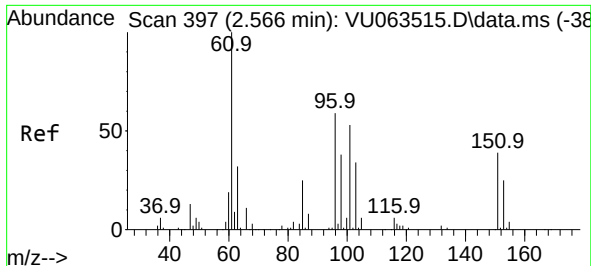


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.518 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56



Tgt Ion:101 Resp: 2460
 Ion Ratio Lower Upper
 101 100
 85 44.5 37.8 56.6
 151 77.2 59.2 88.8





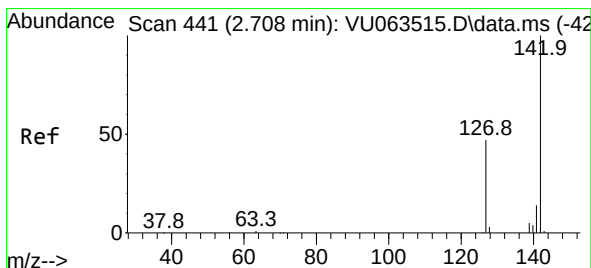
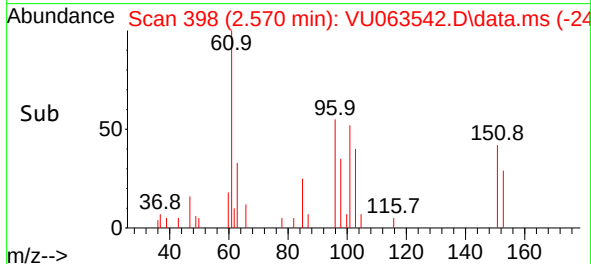
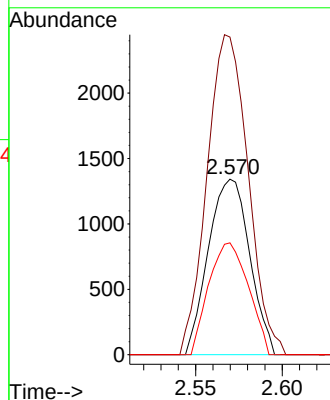
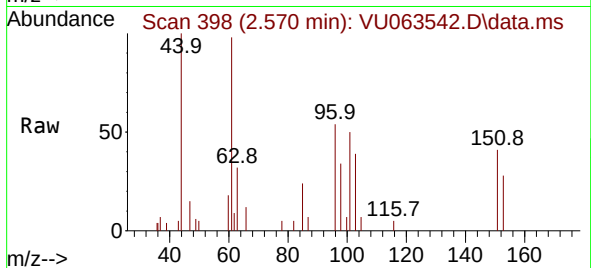
#9
1,1-Dichloroethene
Concen: 0.472 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 96 Resp: 222
Ion Ratio Lower Upper
96 100
61 180.9 0.0 504.3
98 63.7 0.0 126.8

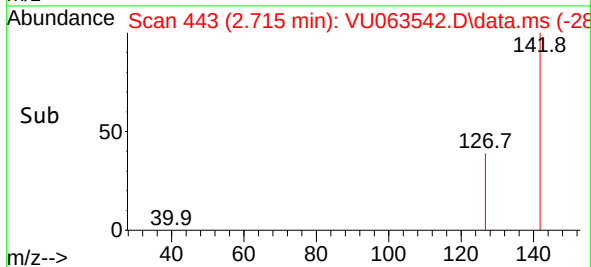
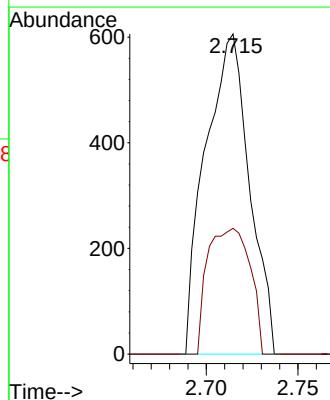
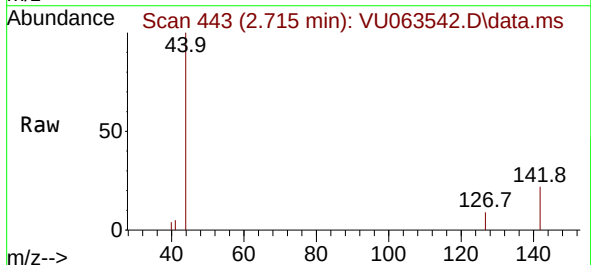
Manual Integrations
APPROVED

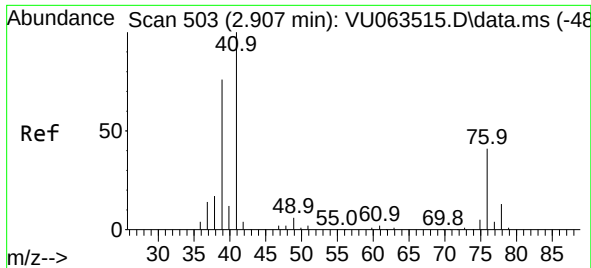
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#10
Iodomethane
Concen: 0.177 ug/l
RT: 2.715 min Scan# 443
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

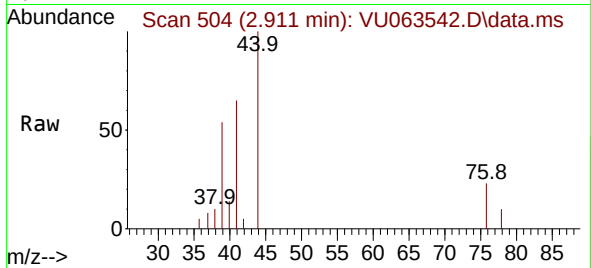
Tgt Ion:142 Resp: 1009
Ion Ratio Lower Upper
142 100
127 37.9 37.9 56.9#





#11
 Allyl Chloride
 Concen: 0.497 ug/l
 RT: 2.911 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

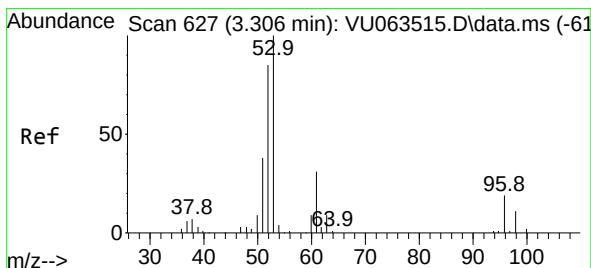
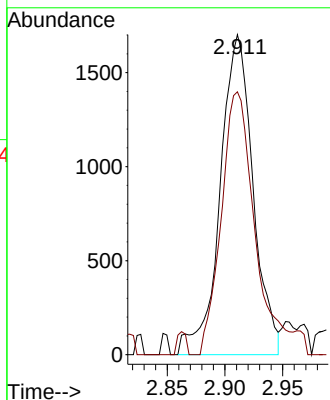
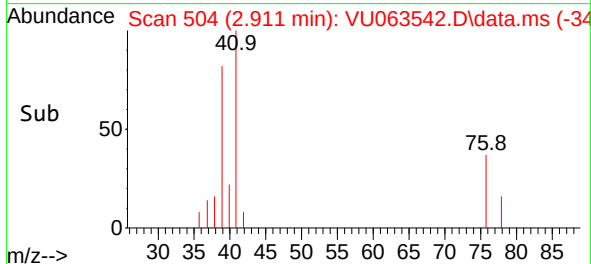
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



Tgt Ion: 41 Resp: 338
 Ion Ratio Lower Upper
 41 100
 39 83.4 61.5 92.3

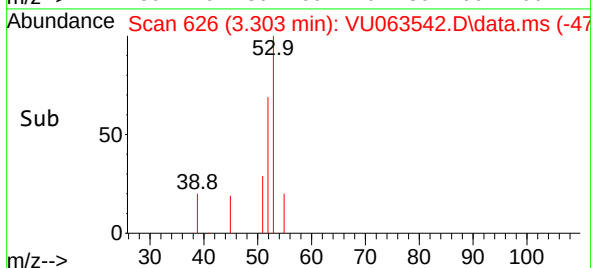
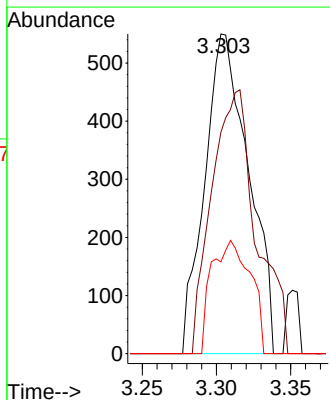
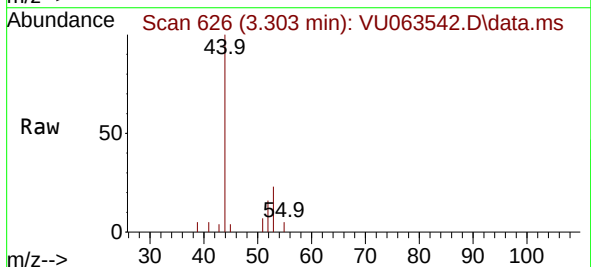
Manual Integrations
 APPROVED

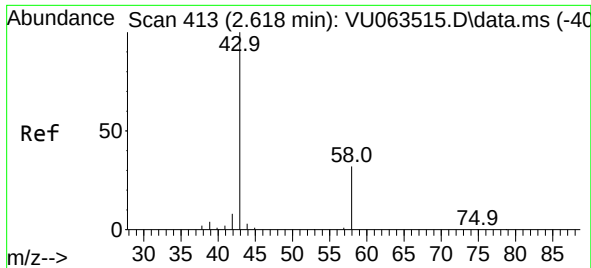
Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#12
 Acrylonitrile
 Concen: 0.960 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. -0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

Tgt Ion: 53 Resp: 1131
 Ion Ratio Lower Upper
 53 100
 52 83.8 64.3 96.5
 51 31.2 27.8 41.8





#13

Acetone

Concen: 2.983 ug/l

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 43 Resp: 281

Ion Ratio Lower Upper

43 100

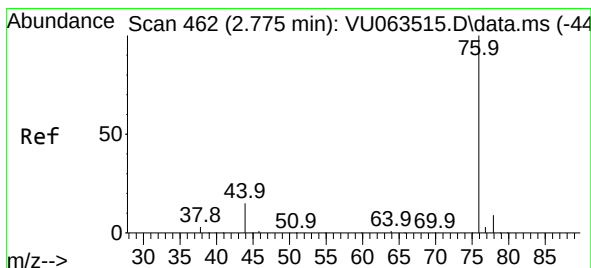
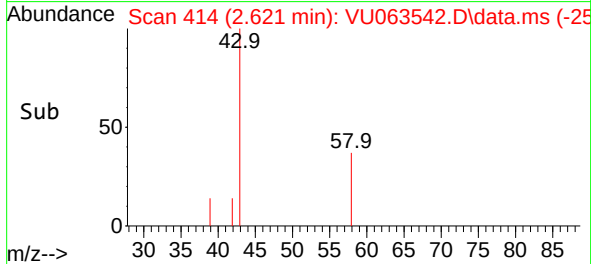
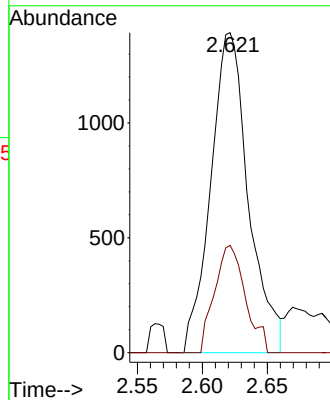
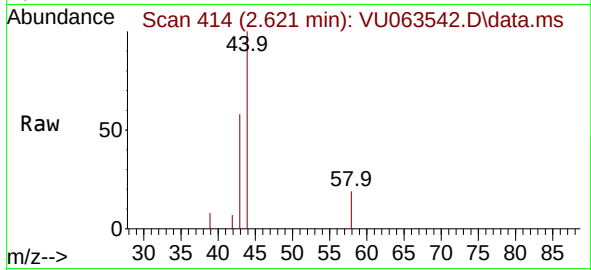
58 33.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#14

Carbon Disulfide

Concen: 0.356 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063542.D

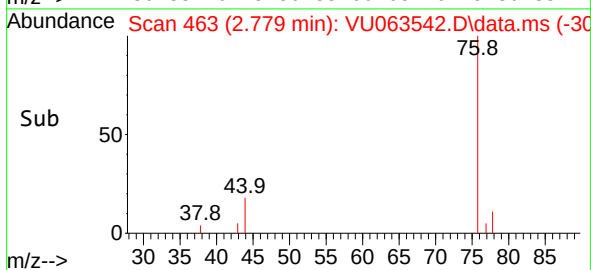
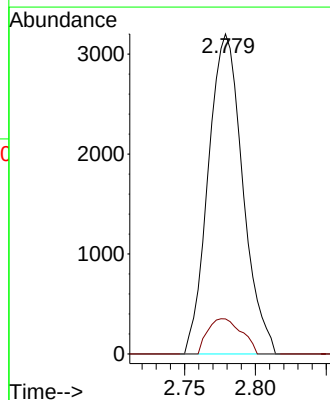
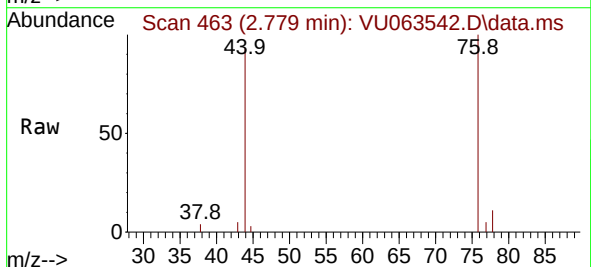
Acq: 18 Jul 2025 17:56

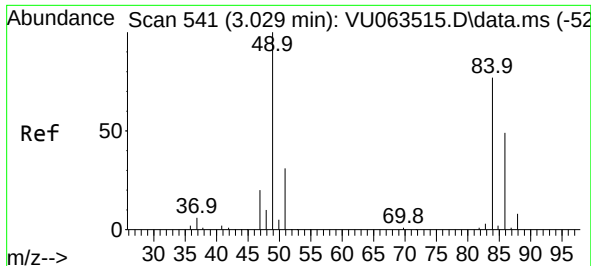
Tgt Ion: 76 Resp: 5411

Ion Ratio Lower Upper

76 100

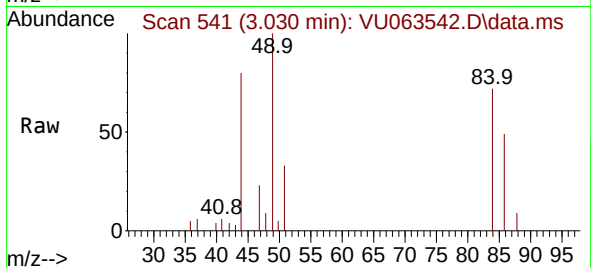
78 10.9 7.0 10.6#





#15
Methylene Chloride
Concen: 0.758 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

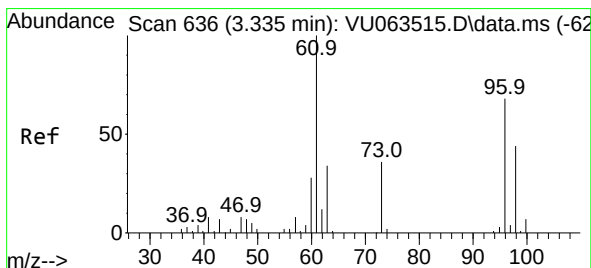
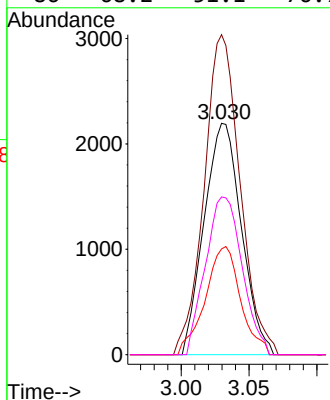
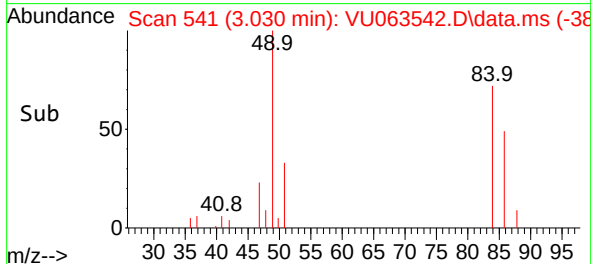
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 84 Resp: 4204
Ion Ratio Lower Upper
84 100
49 138.3 103.8 155.8
51 45.7 0.0 80.4
86 68.2 51.1 76.7

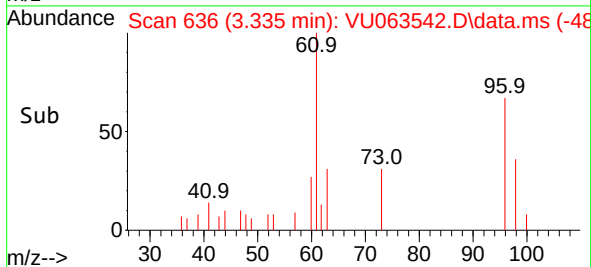
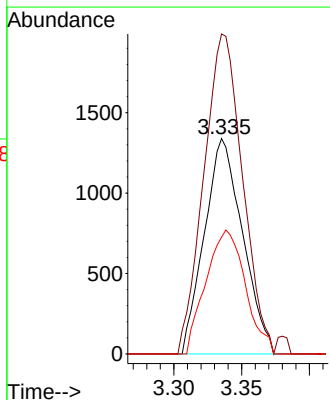
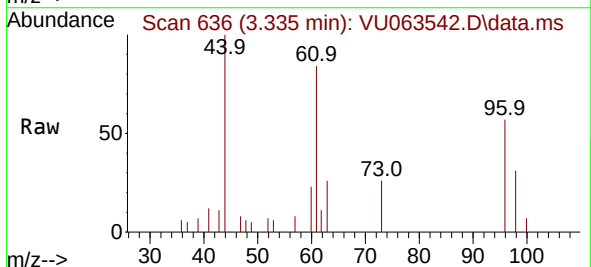
Manual Integrations
APPROVED

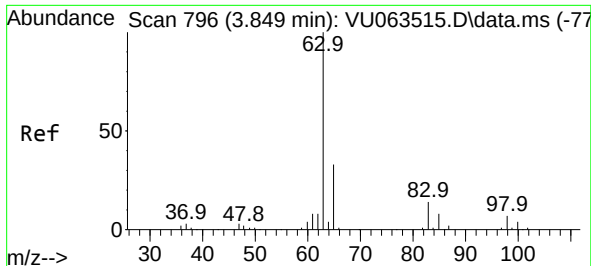
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#16
trans-1,2-Dichloroethene
Concen: 0.491 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 96 Resp: 2626
Ion Ratio Lower Upper
96 100
61 148.6 117.2 175.8
98 54.2 51.4 77.2





#17

1,1-Dichloroethane

Concen: 0.513 ug/l

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

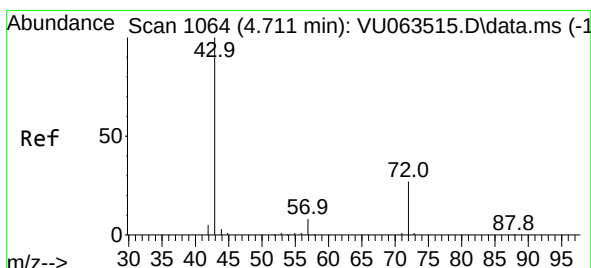
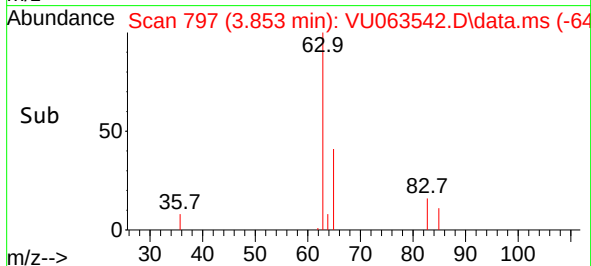
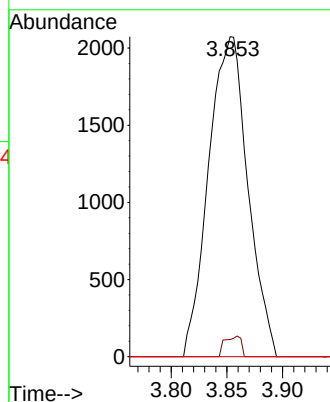
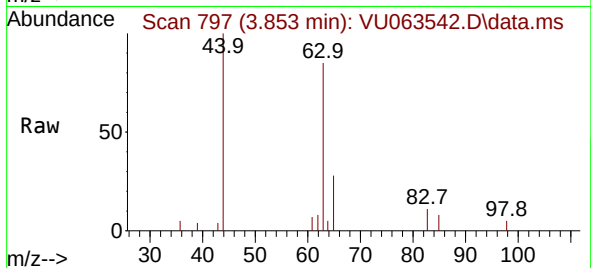
RL-CHECK

Tgt Ion: 63	Resp: 508
Ion Ratio	Lower Upper
63 100	
98 5.4	3.4 10.2
100 0.0	2.1 6.2

Manual Integrations

APPROVED

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



#18

2-Butanone

Concen: 2.401 ug/l

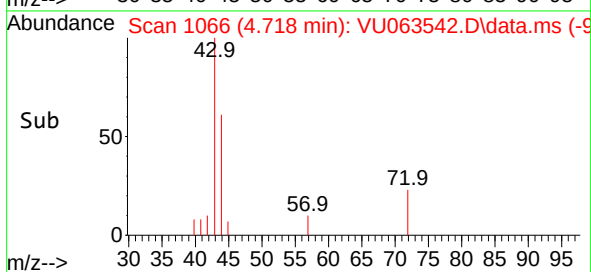
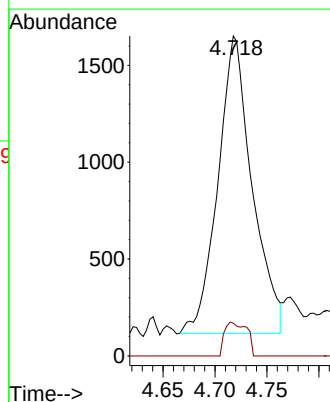
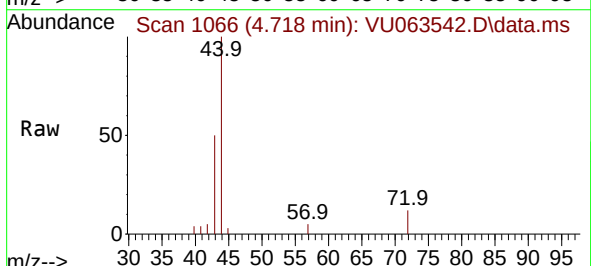
RT: 4.718 min Scan# 1066

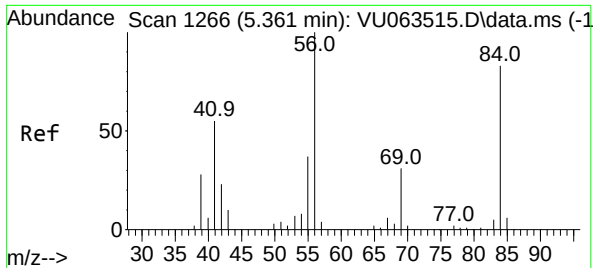
Delta R.T. 0.007 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

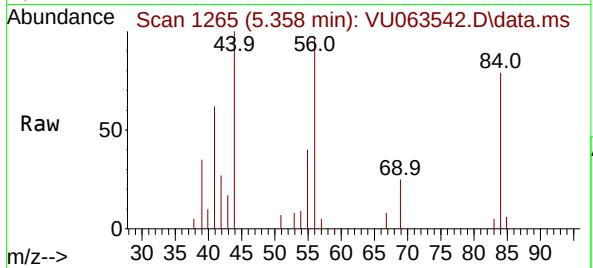
Tgt Ion: 43	Resp: 3509
Ion Ratio	Lower Upper
43 100	
57 11.0	0.0 16.4





#19
Cyclohexane
Concen: 0.475 ug/l
RT: 5.358 min Scan# 1265
Delta R.T. -0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

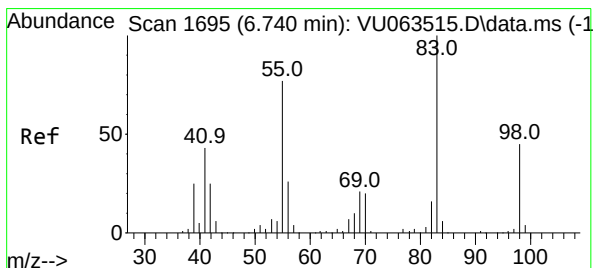
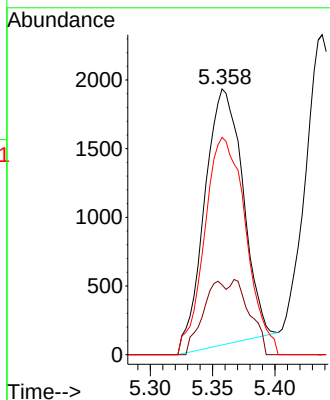
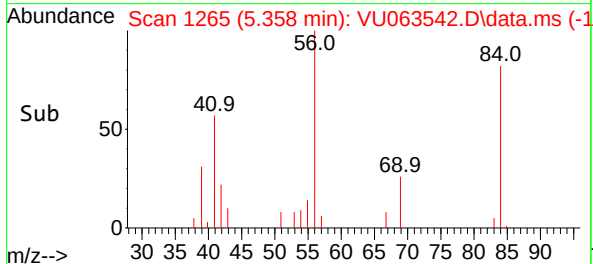
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



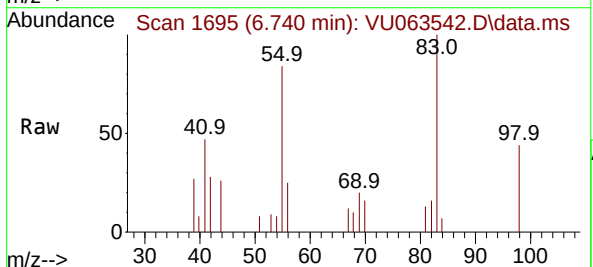
Tgt Ion: 56 Resp: 3989
Ion Ratio Lower Upper
56 100
69 17.6 26.6 39.8
84 91.3 71.0 106.4

Manual Integrations
APPROVED

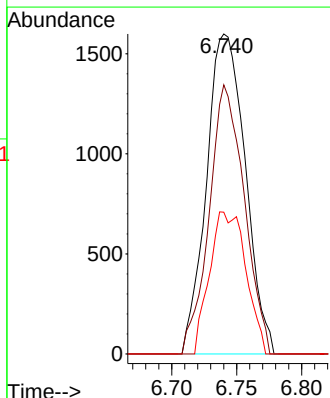
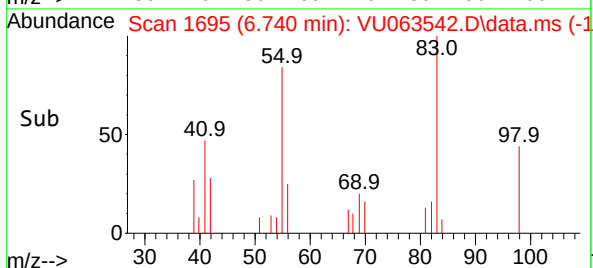
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

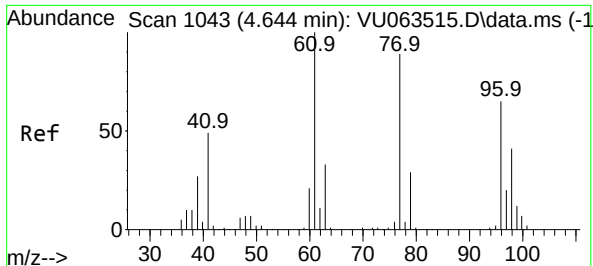


#20
Methylcyclohexane
Concen: 0.408 ug/l
RT: 6.740 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56



Tgt Ion: 83 Resp: 3325
Ion Ratio Lower Upper
83 100
55 76.1 60.6 90.8
98 41.6 35.8 53.8





#21

2,2-Dichloropropane

Concen: 0.424 ug/l

RT: 4.647 min Scan# 1043

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 77 Resp: 358

Ion Ratio Lower Upper

77 100

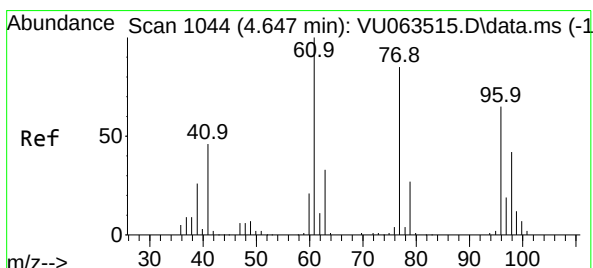
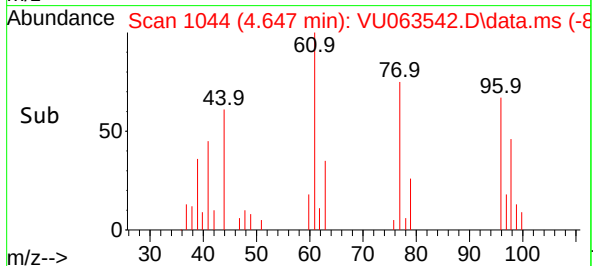
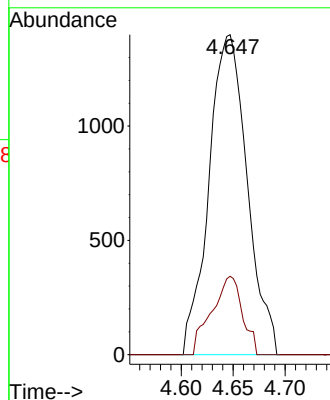
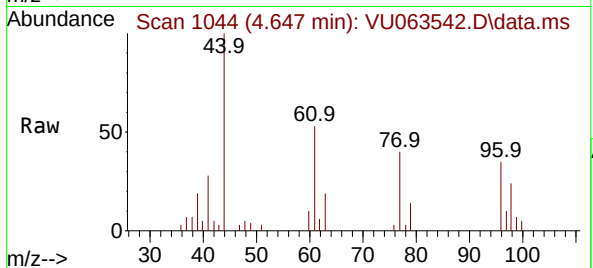
97 19.6 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#22

cis-1,2-Dichloroethene

Concen: 0.502 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

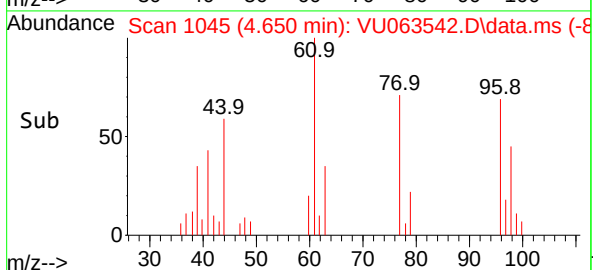
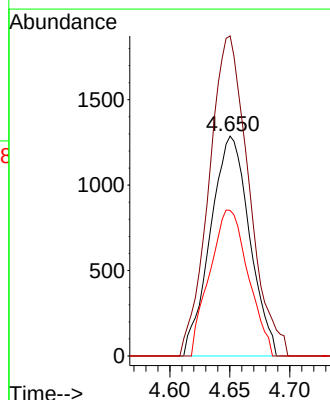
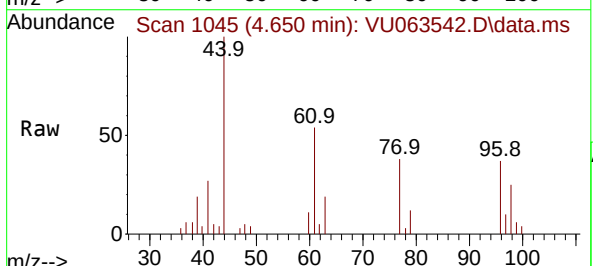
Tgt Ion: 96 Resp: 2915

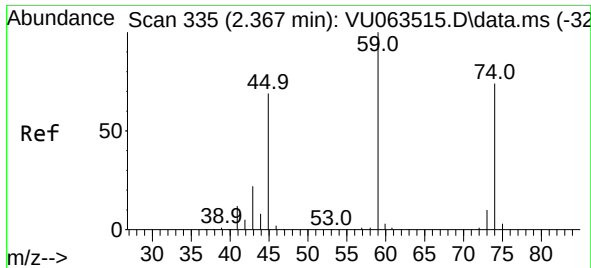
Ion Ratio Lower Upper

96 100

61 148.3 0.0 384.7

98 65.4 32.1 96.3





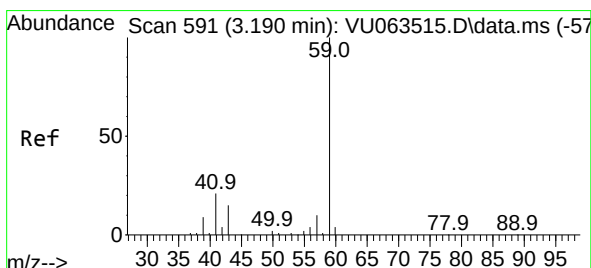
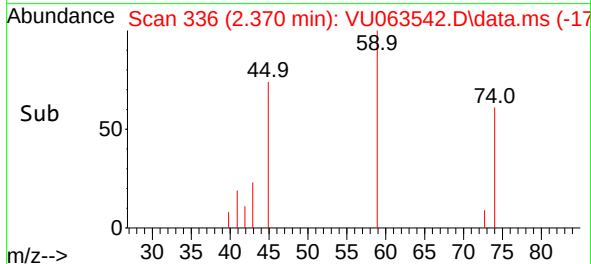
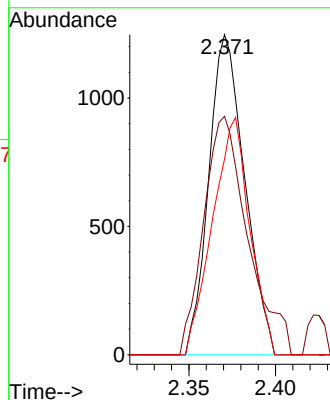
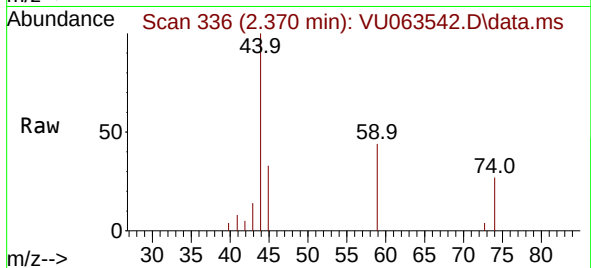
#23
Diethyl Ether
Concen: 0.502 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
45 91.2 55.1 82.7
74 76.6 58.2 87.4

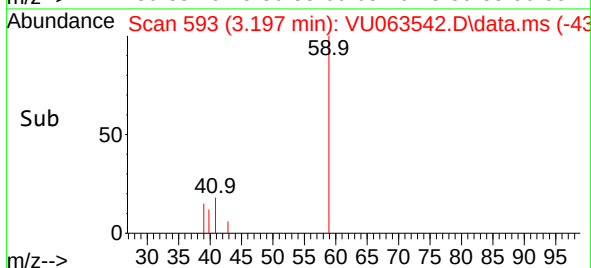
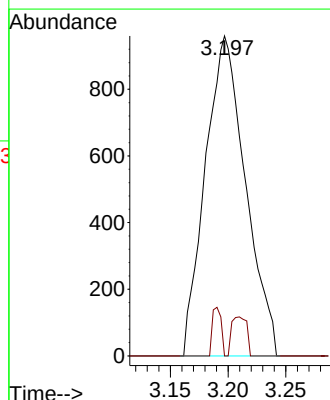
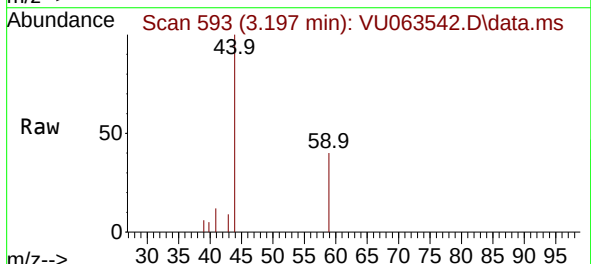
Manual Integrations
APPROVED

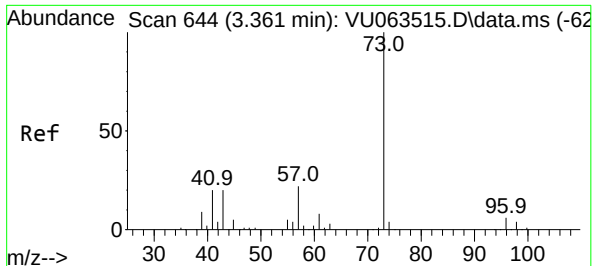
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#24
tert-Butyl Alcohol
Concen: 5.370 ug/l
RT: 3.197 min Scan# 593
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

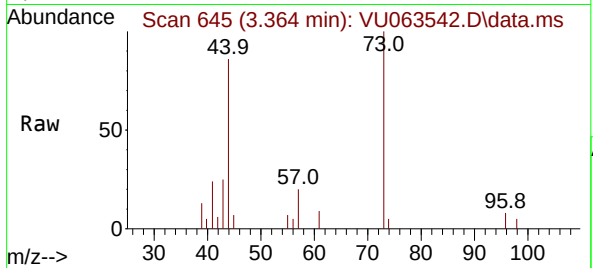
Tgt Ion: 59 Resp: 2326
Ion Ratio Lower Upper
59 100
57 3.3 8.6 12.8#





#25
Methyl tert-Butyl Ether
Concen: 0.525 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

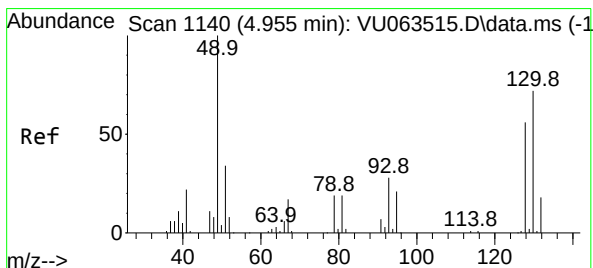
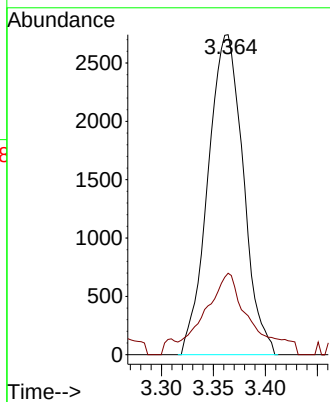
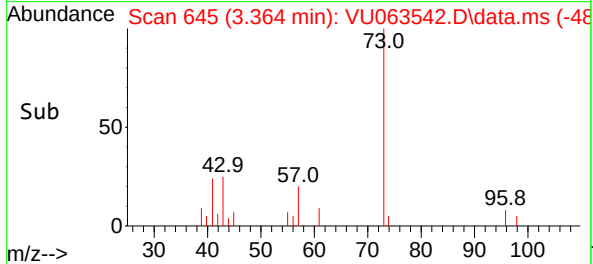
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 73 Resp: 6460
Ion Ratio Lower Upper
73 100
43 32.1 16.2 24.2

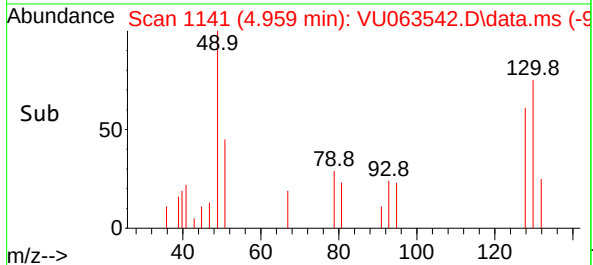
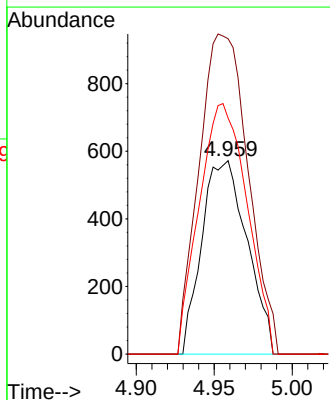
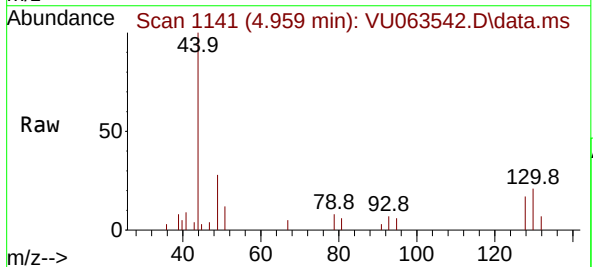
Manual Integrations
APPROVED

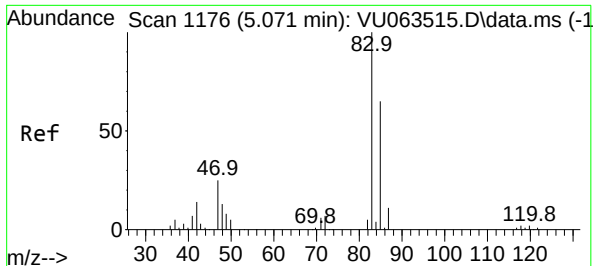
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#26
Bromochloromethane
Concen: 0.476 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:128 Resp: 1154
Ion Ratio Lower Upper
128 100
49 179.7 0.0 340.8
130 137.4 100.5 150.7





#27

Chloroform

Concen: 0.518 ug/l

RT: 5.075 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 83 Resp: 523

Ion Ratio Lower Upper

83 100

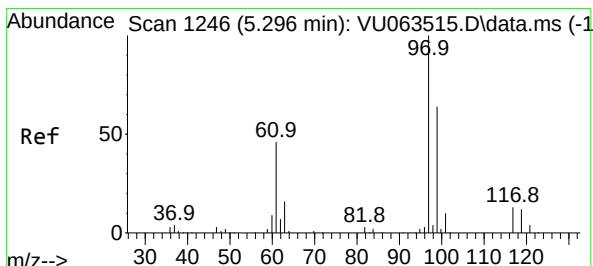
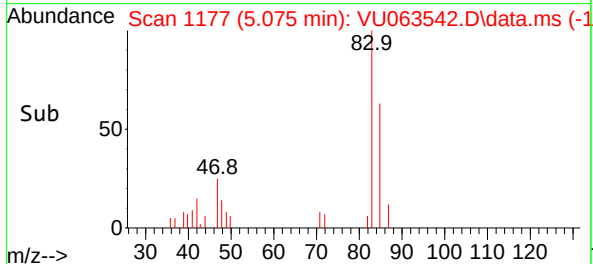
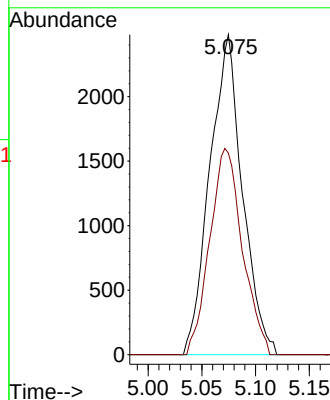
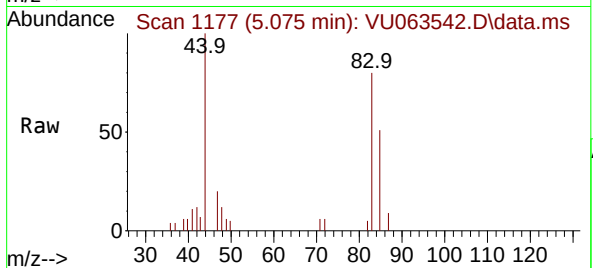
85 63.0 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#28

1,1,1-Trichloroethane

Concen: 0.458 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

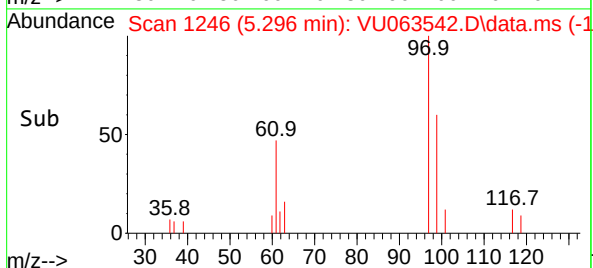
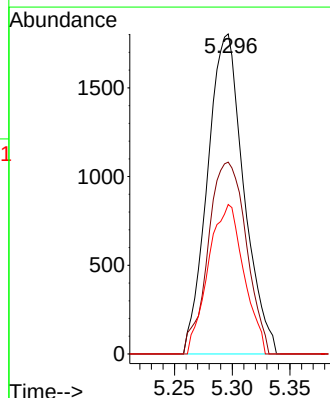
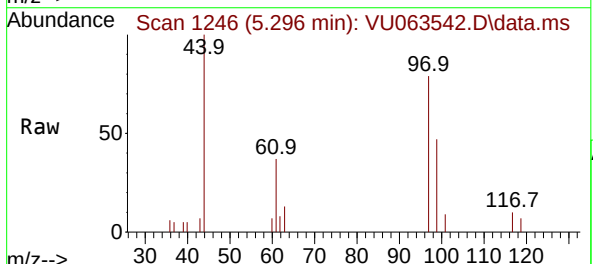
Tgt Ion: 97 Resp: 3935

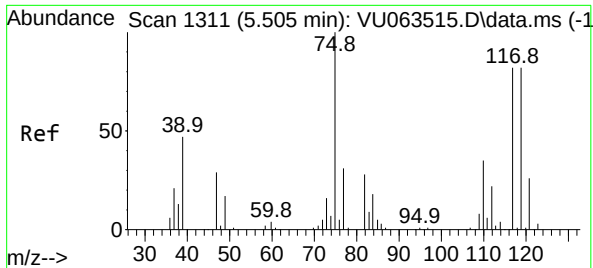
Ion Ratio Lower Upper

97 100

99 63.2 31.8 95.3

61 45.7 23.3 69.9





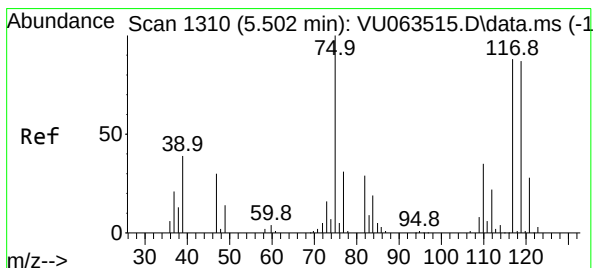
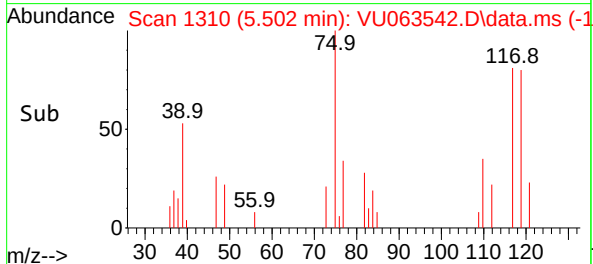
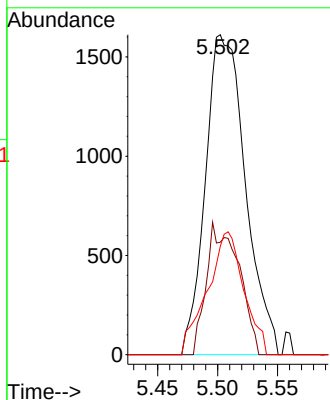
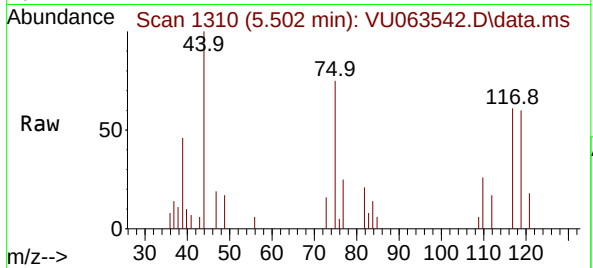
#29
1,1-Dichloropropene
Concen: 0.470 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. -0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 75 Resp: 3740
Ion Ratio Lower Upper
75 100
110 15.1 17.8 53.4
77 35.2 24.6 37.0

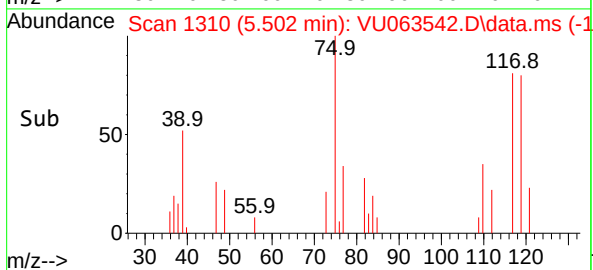
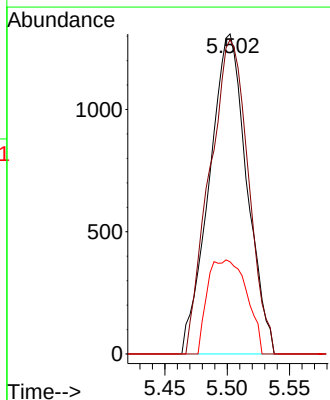
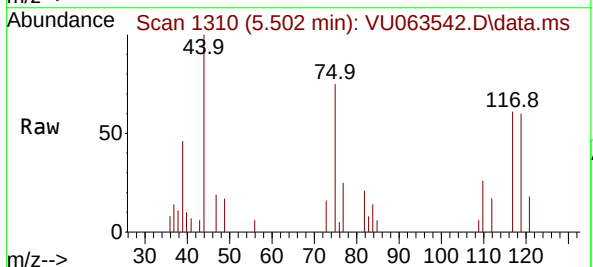
Manual Integrations
APPROVED

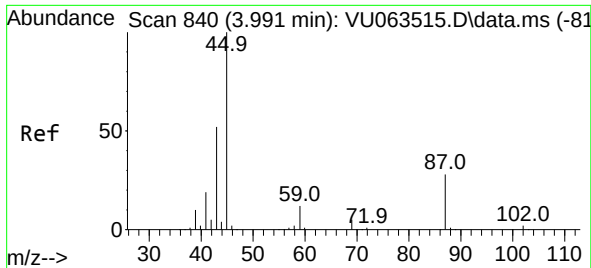
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#30
Carbon Tetrachloride
Concen: 0.398 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

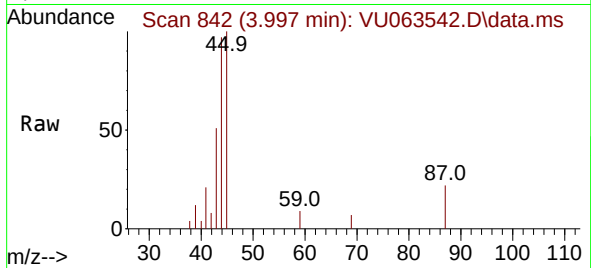
Tgt Ion:117 Resp: 2748
Ion Ratio Lower Upper
117 100
119 98.2 79.2 118.8
121 28.8 25.5 38.3





#31
Isopropyl Ether
Concen: 0.566 ug/l
RT: 3.997 min Scan# 840
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

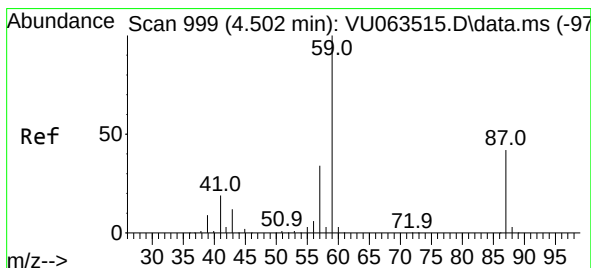
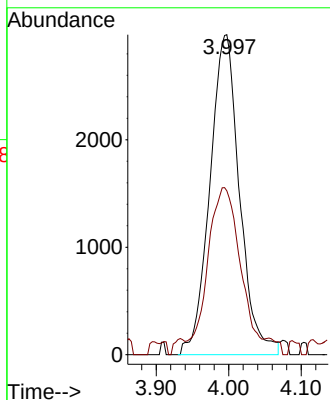
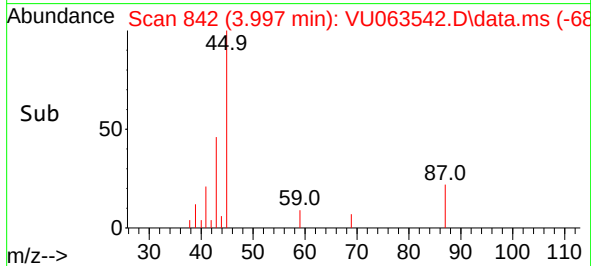
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



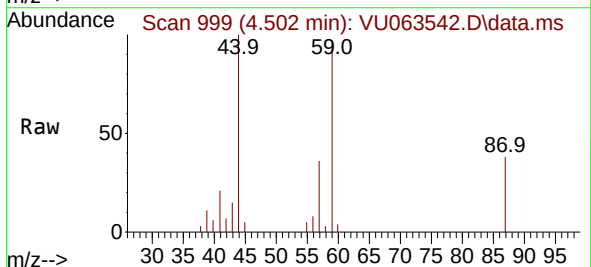
Tgt Ion: 45 Resp: 847
Ion Ratio Lower Upper
45 100
43 50.0 25.7 77.0

Manual Integrations
APPROVED

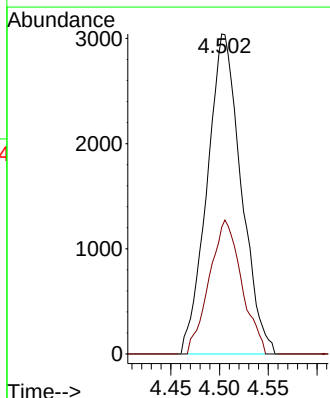
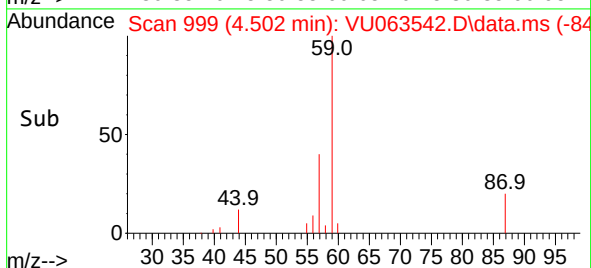
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

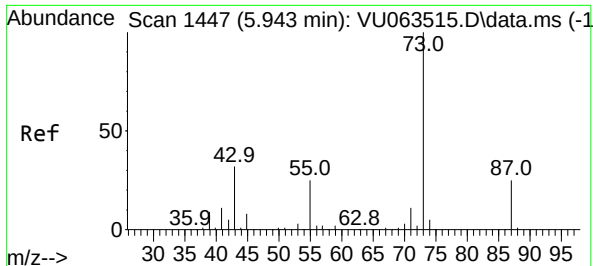


#32
Ethyl-t-butyl ether
Concen: 0.534 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56



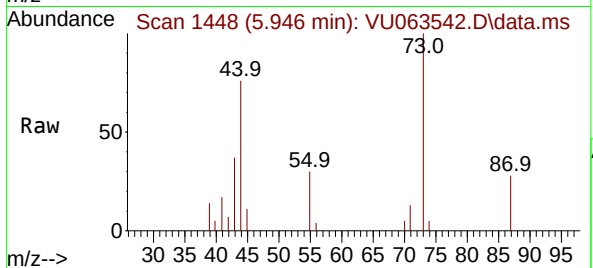
Tgt Ion: 59 Resp: 7398
Ion Ratio Lower Upper
59 100
87 39.8 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 0.501 ug/l
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

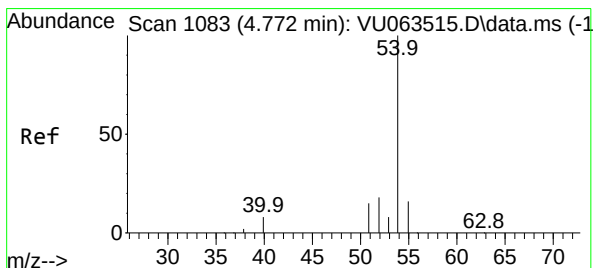
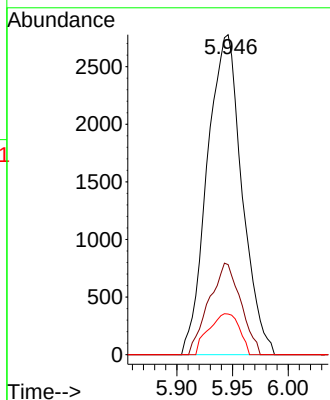
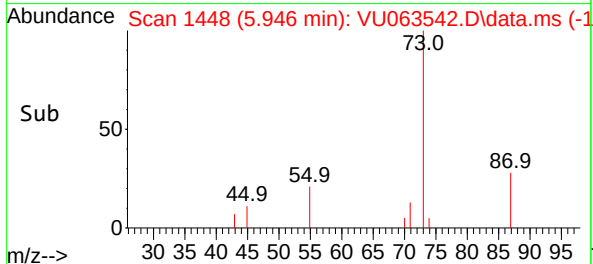
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 73 Resp: 601
Ion Ratio Lower Upper
73 100
87 26.2 19.4 29.2
71 11.3 8.9 13.3

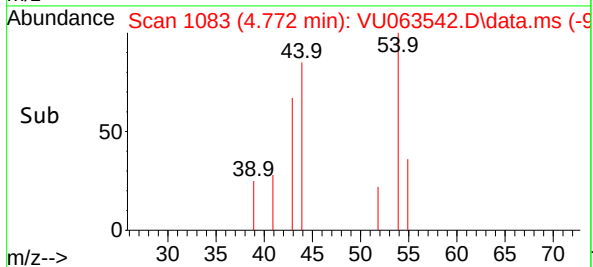
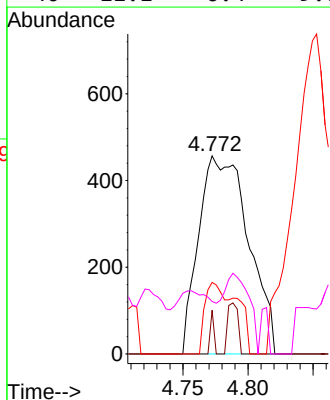
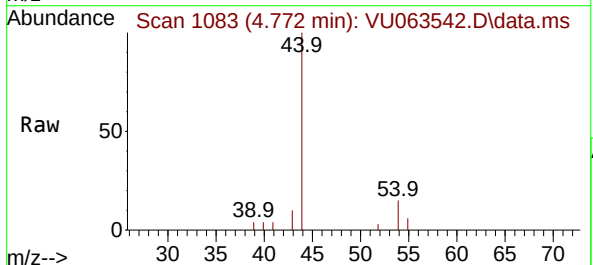
Manual Integrations
APPROVED

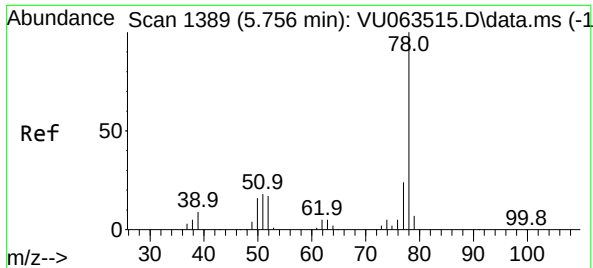
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#34
Propionitrile
Concen: 2.729 ug/l m
RT: 4.772 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 54 Resp: 1215
Ion Ratio Lower Upper
54 100
52 1.6 17.0 25.4#
55 15.4 13.6 20.4
40 11.1 6.4 9.6#





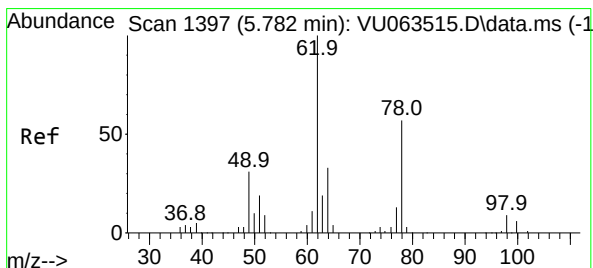
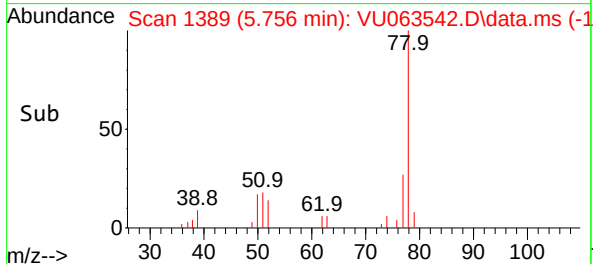
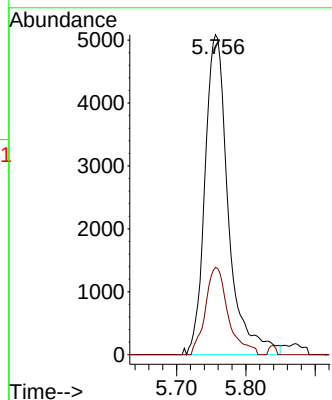
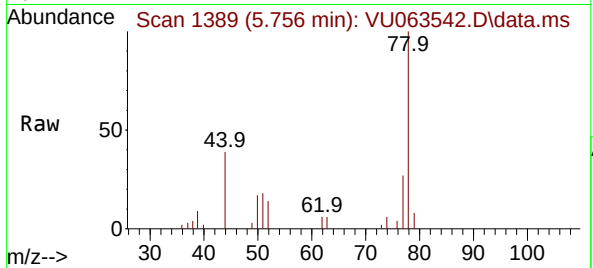
#35
Benzene
Concen: 0.558 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 78 Resp: 1192
Ion Ratio Lower Upper
78 100
77 27.2 19.4 29.2

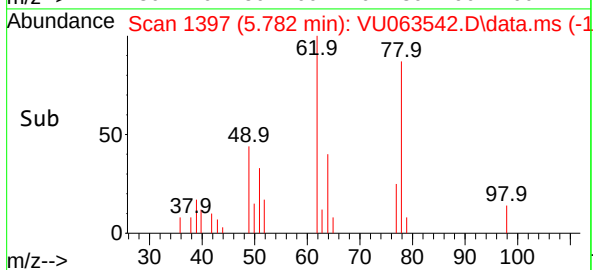
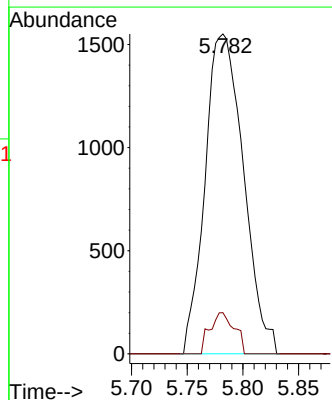
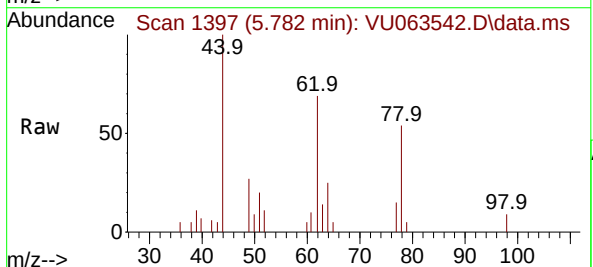
Manual Integrations
APPROVED

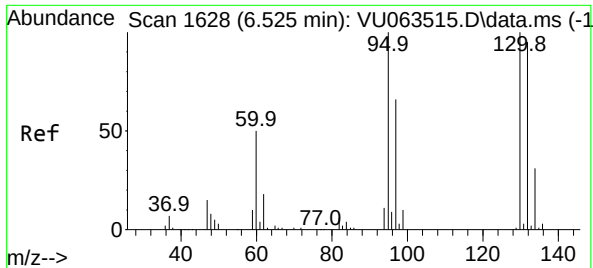
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#36
1,2-Dichloroethane
Concen: 0.561 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

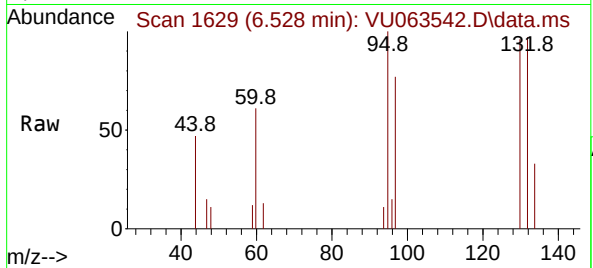
Tgt Ion: 62 Resp: 3723
Ion Ratio Lower Upper
62 100
98 8.2 6.4 9.6





#37
Trichloroethene
Concen: 0.396 ug/l
RT: 6.528 min Scan# 1628
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

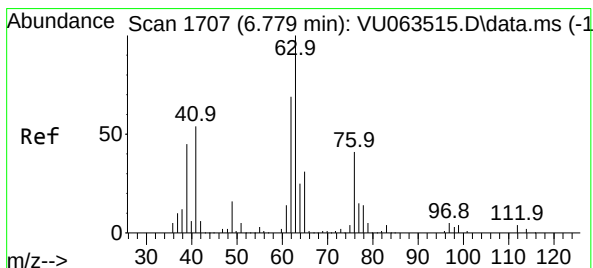
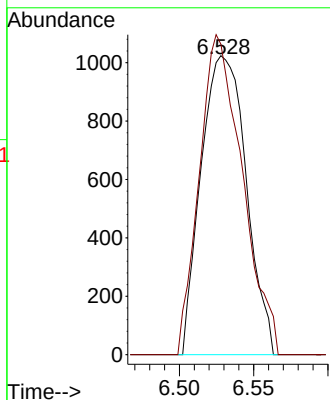
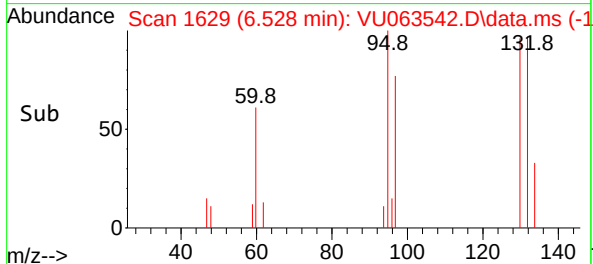
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



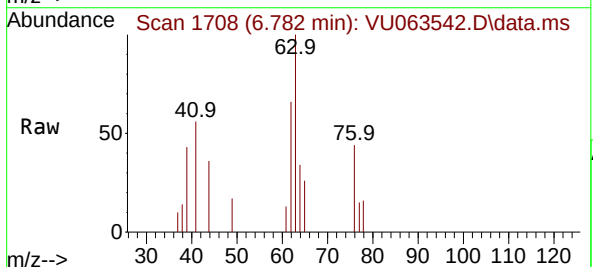
Tgt Ion:130 Resp: 216
Ion Ratio Lower Upper
130 100
95 103.8 80.3 120.5

Manual Integrations
APPROVED

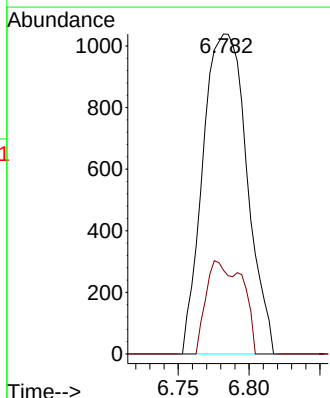
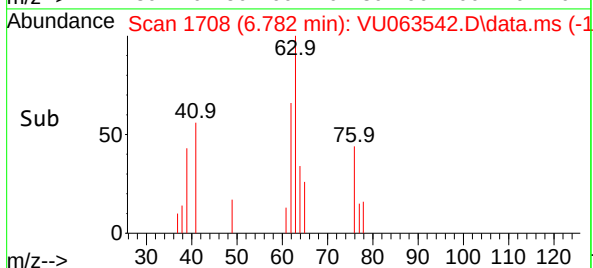
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

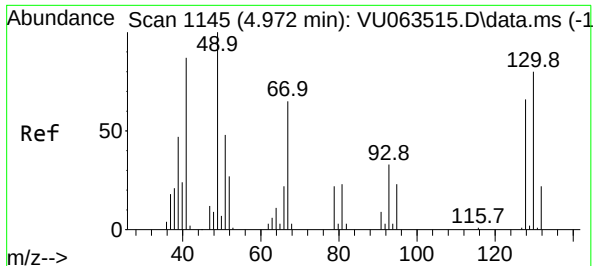


#38
1,2-Dichloropropane
Concen: 0.449 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56



Tgt Ion: 63 Resp: 2244
Ion Ratio Lower Upper
63 100
65 26.2 24.6 36.8





#39

Methacrylonitrile

Concen: 0.658 ug/l

RT: 4.975 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

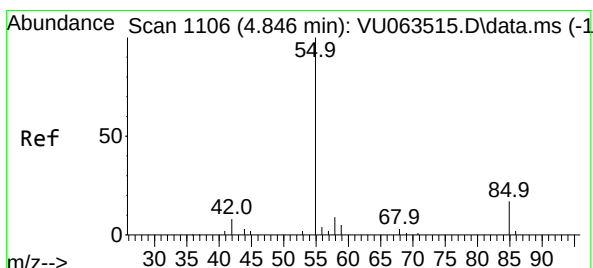
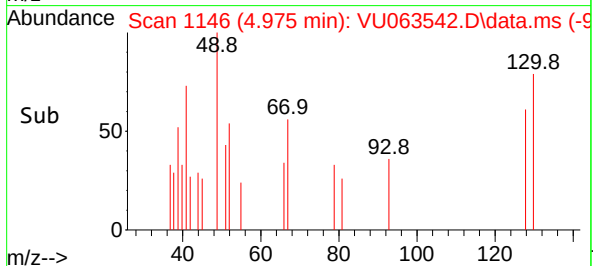
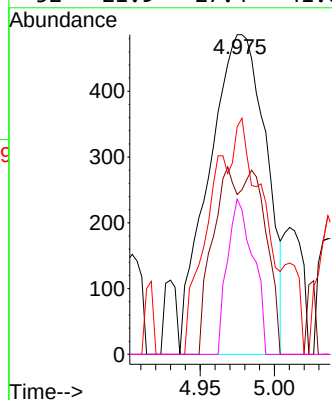
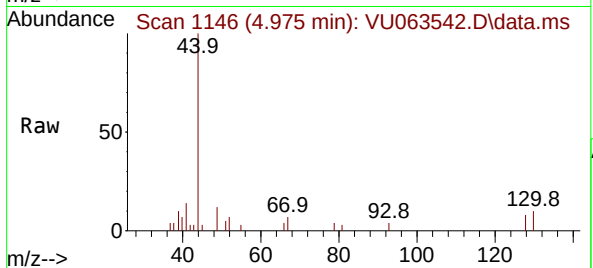
Tgt Ion: 41 Resp: 130

Ion	Ratio	Lower	Upper
41	100		
67	25.4	62.7	94.1
39	27.5	43.1	64.7
52	21.9	27.4	41.0

Manual Integrations

APPROVED

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



#40

Methyl acrylate

Concen: 0.621 ug/l

RT: 4.853 min Scan# 1108

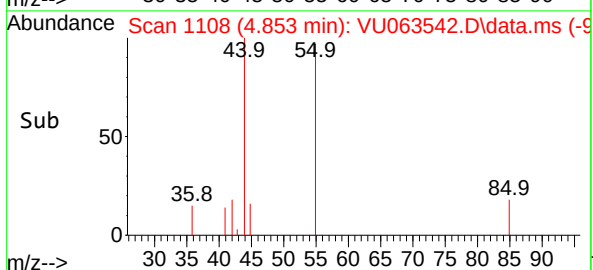
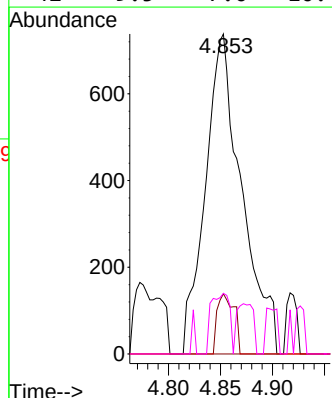
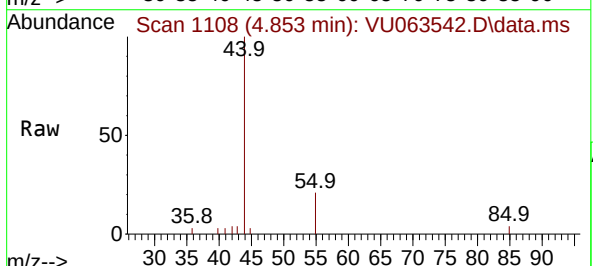
Delta R.T. 0.007 min

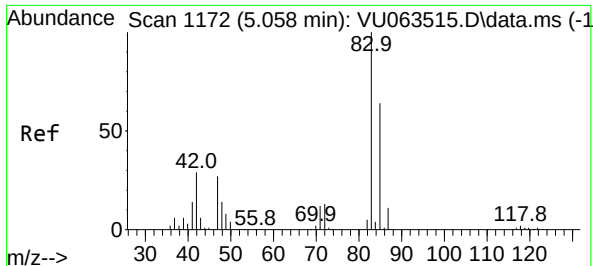
Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Tgt Ion: 55 Resp: 1798

Ion	Ratio	Lower	Upper
55	100		
85	8.7	12.8	19.2
58	0.0	7.0	10.4
42	9.5	7.0	10.4





#41

Tetrahydrofuran

Concen: 1.114 ug/l m

RT: 5.062 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

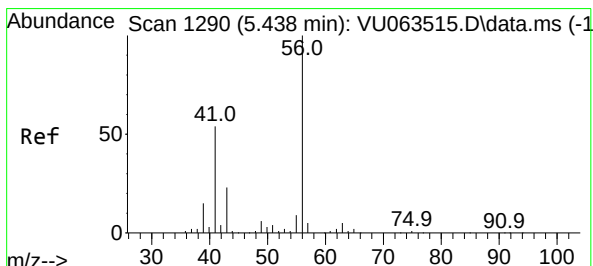
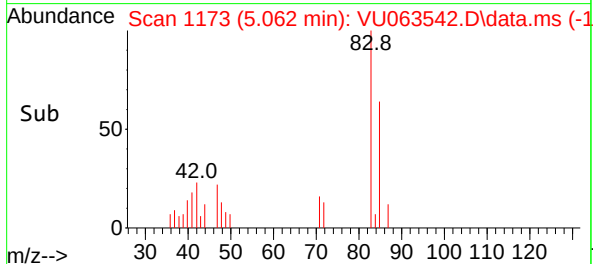
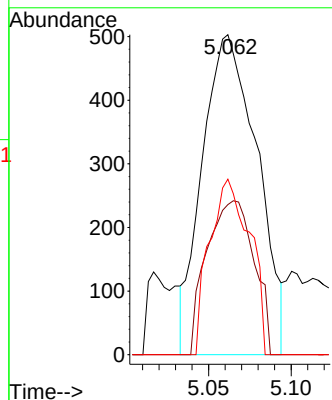
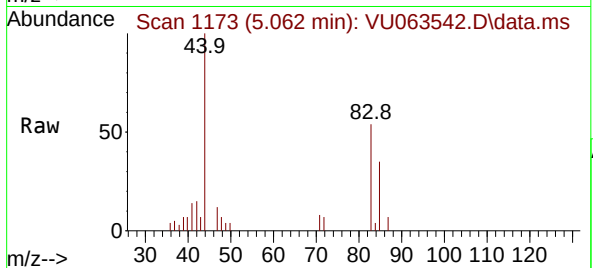
RL-CHECK

Tgt Ion:	42	Resp:	1160
Ion Ratio	Lower	Upper	
42	100		
72	41.7	39.2	58.8
71	40.3	34.8	52.2

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 0.446 ug/l

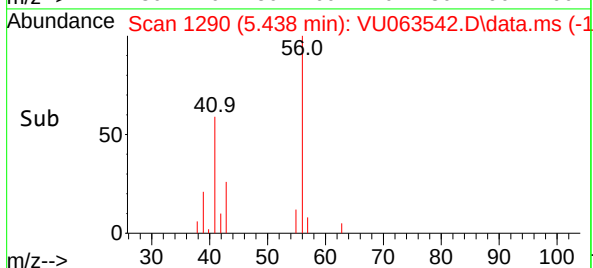
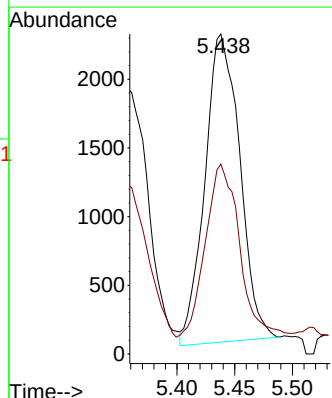
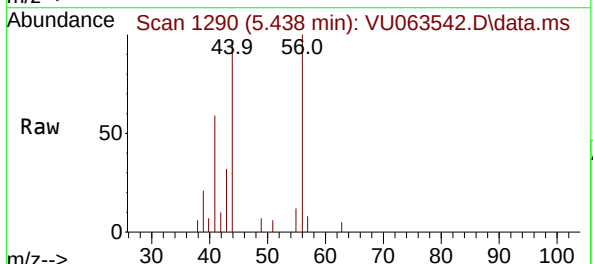
RT: 5.438 min Scan# 1290

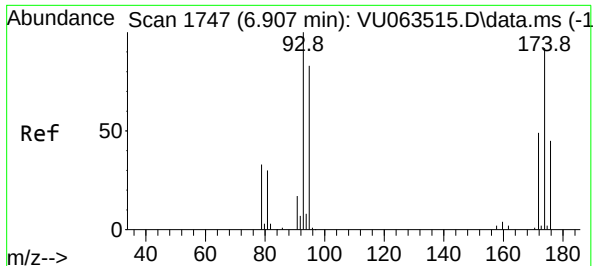
Delta R.T. 0.000 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

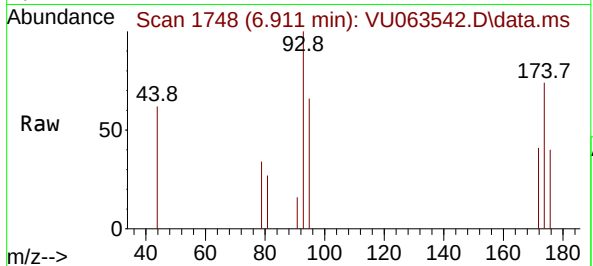
Tgt Ion:	56	Resp:	4714
Ion Ratio	Lower	Upper	
56	100		
41	57.6	26.7	80.0





#43
Dibromomethane
Concen: 0.413 ug/l
RT: 6.911 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

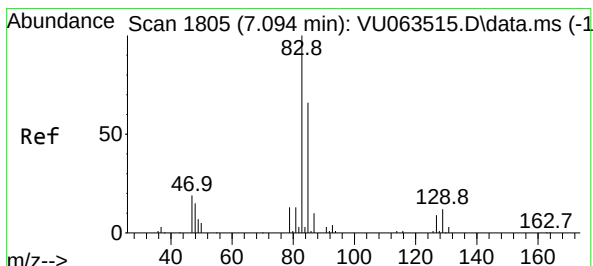
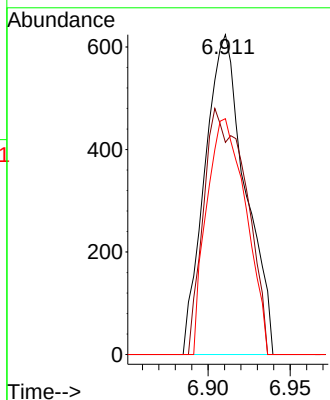
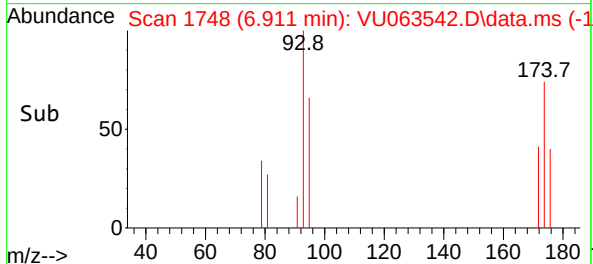
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



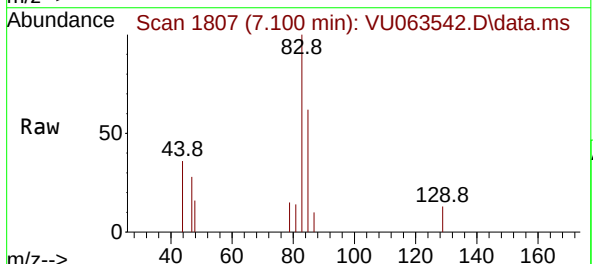
Tgt Ion: 93 Resp: 1069
Ion Ratio Lower Upper
93 100
95 80.6 67.9 101.9
174 71.6 74.6 111.8

Manual Integrations
APPROVED

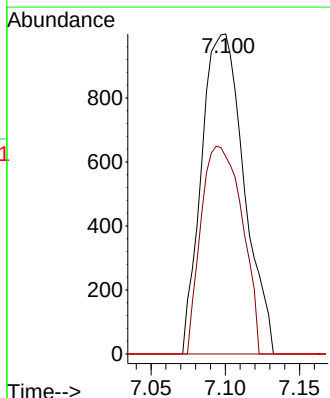
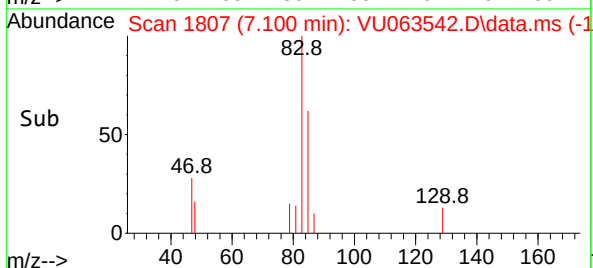
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

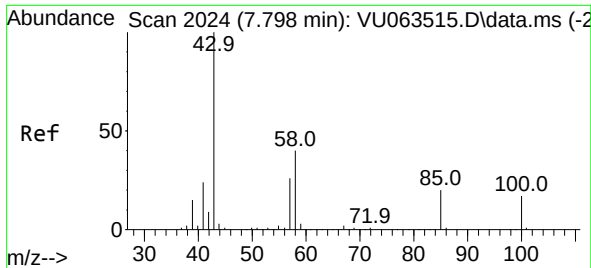


#44
Bromodichloromethane
Concen: 0.341 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56



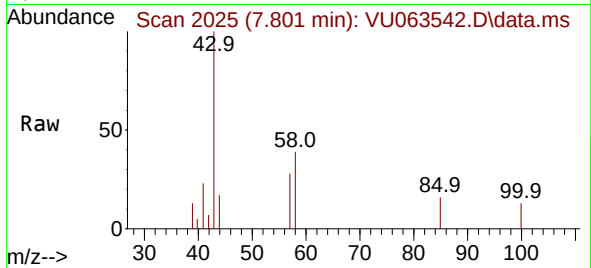
Tgt Ion: 83 Resp: 1992
Ion Ratio Lower Upper
83 100
85 61.7 52.7 79.1
127 0.0 8.1 12.1





#45
4-Methyl-2-Pentanone
Concen: 2.124 ug/l
RT: 7.801 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

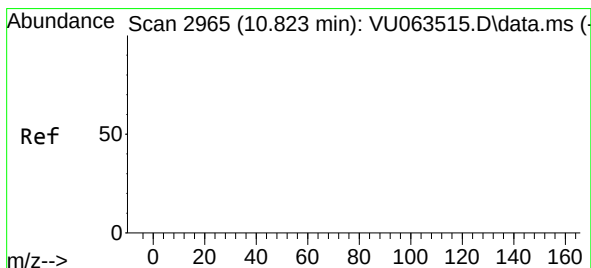
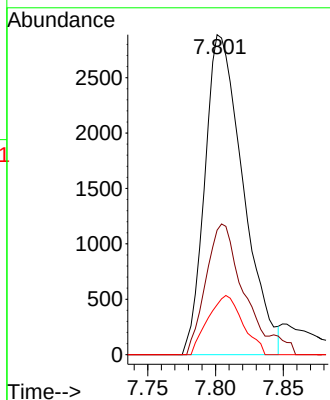
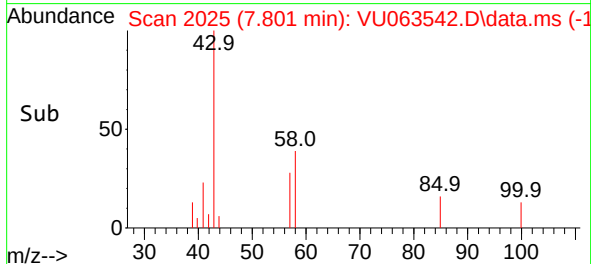
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
58 41.3 20.0 60.0
85 16.8 15.4 23.0

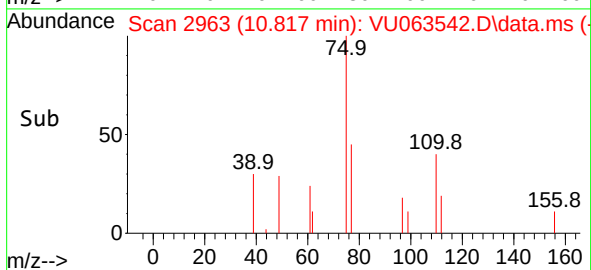
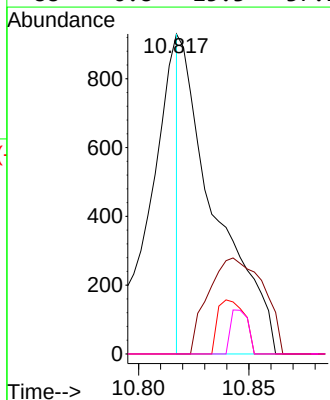
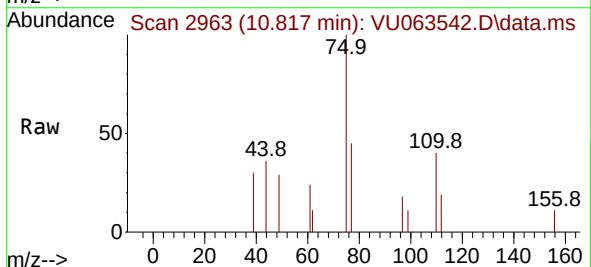
Manual Integrations
APPROVED

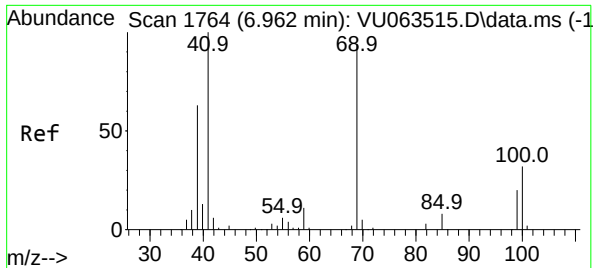
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#46
t-1,4-Dichloro-2-butene
Concen: 1.015 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.006 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

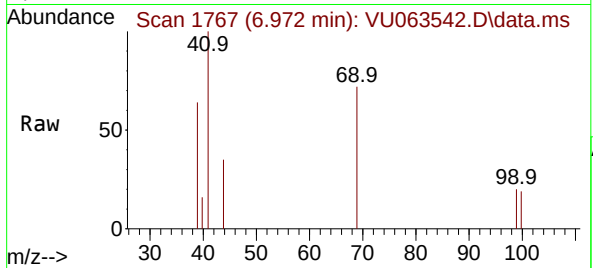
Tgt Ion: 75 Resp: 1017
Ion Ratio Lower Upper
75 100
53 47.5 48.4 72.6#
89 13.0 30.6 45.8#
88 6.8 25.3 37.9#





#47
Methyl methacrylate
Concen: 0.743 ug/l
RT: 6.972 min Scan# 1767
Delta R.T. 0.010 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

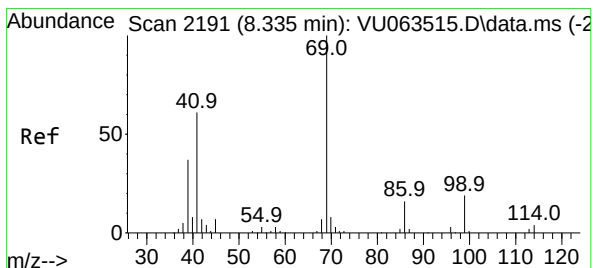
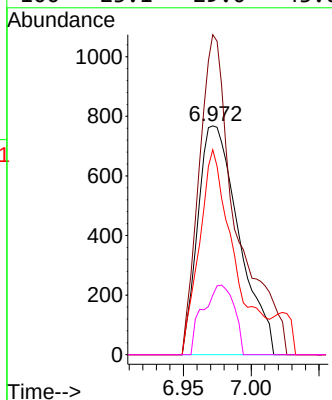
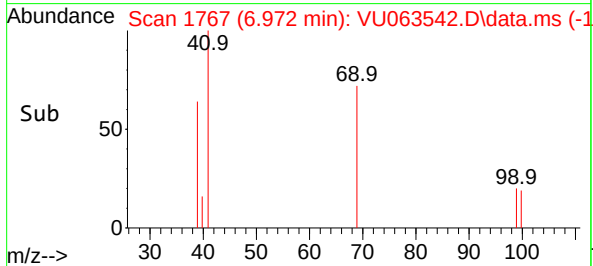
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 69 Resp: 1610
Ion Ratio Lower Upper
69 100
41 127.3 0.0 224.0
39 76.4 55.3 82.9
100 23.1 29.0 43.6#

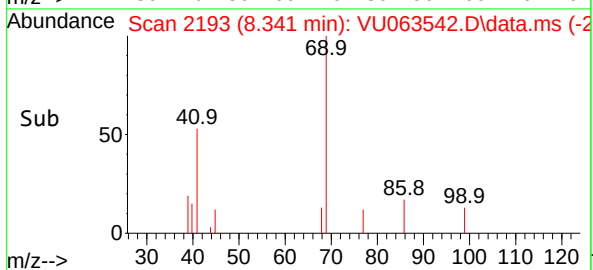
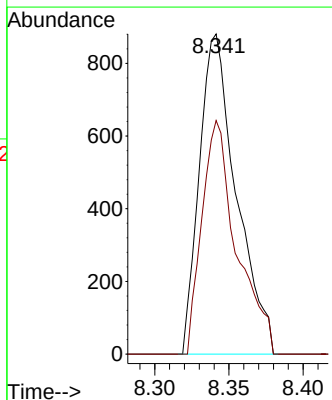
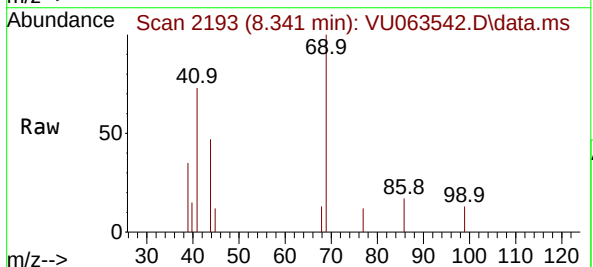
Manual Integrations
APPROVED

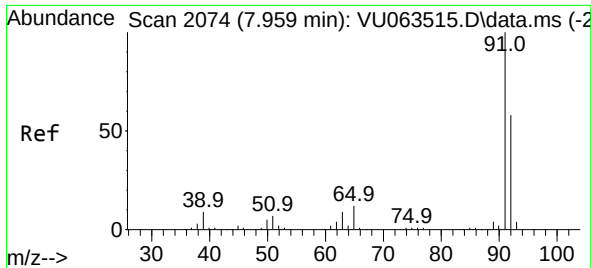
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#48
Ethyl methacrylate
Concen: 0.368 ug/l
RT: 8.341 min Scan# 2193
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion: 69 Resp: 1528
Ion Ratio Lower Upper
69 100
41 68.3 30.8 92.4





#49

Toluene

Concen: 0.405 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 92 Resp: 4728

Ion Ratio Lower Upper

92 100

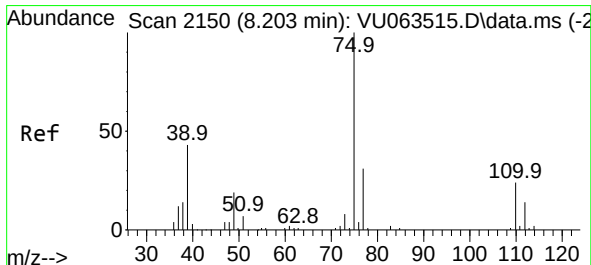
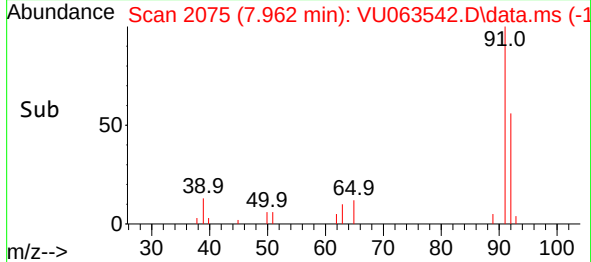
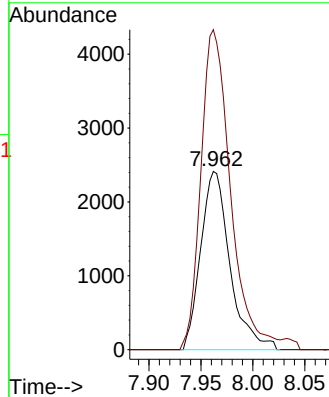
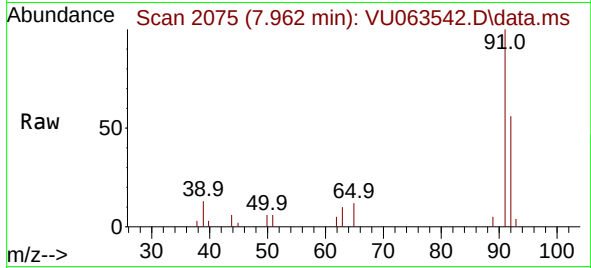
91 181.8 140.4 210.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#50

t-1,3-Dichloropropene

Concen: 0.310 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.010 min

Lab File: VU063542.D

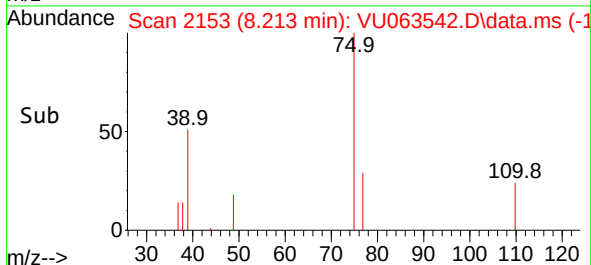
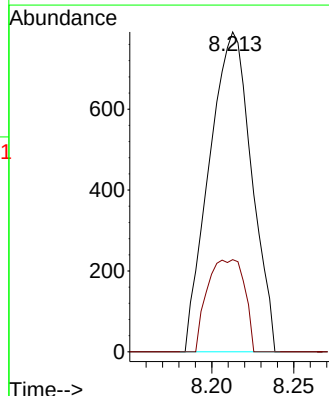
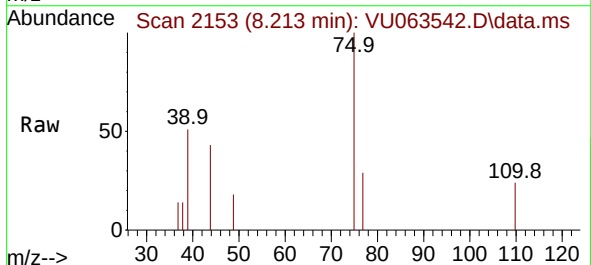
Acq: 18 Jul 2025 17:56

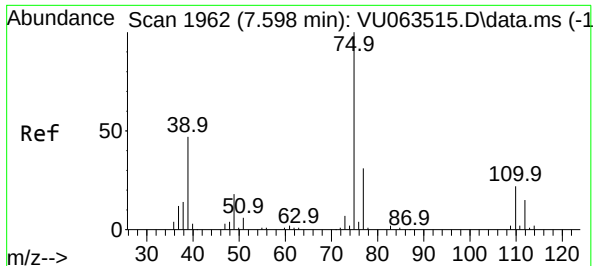
Tgt Ion: 75 Resp: 1420

Ion Ratio Lower Upper

75 100

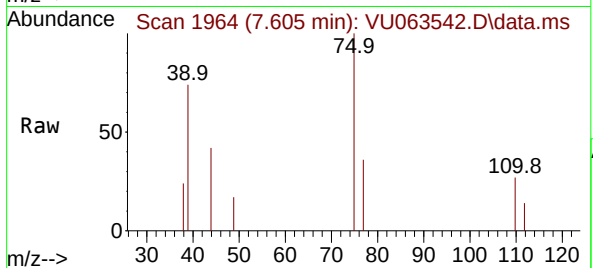
77 28.8 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 0.306 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.007 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

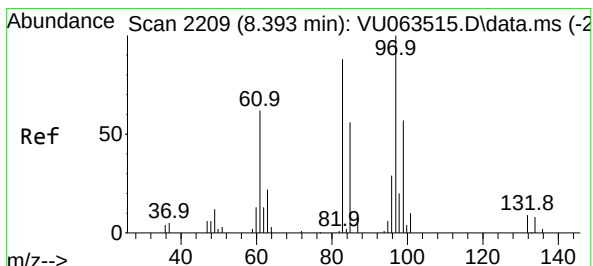
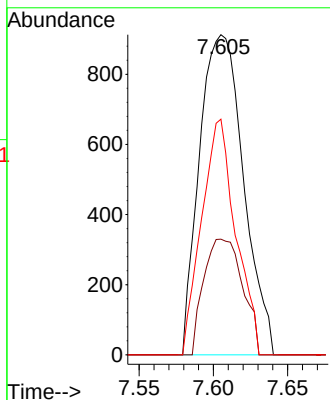
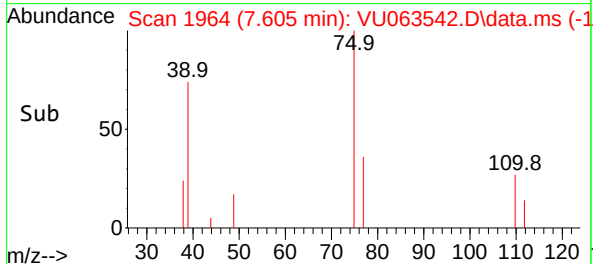
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



Tgt Ion: 75 Resp: 1884
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.1 37.7
 39 73.6 37.8 56.6

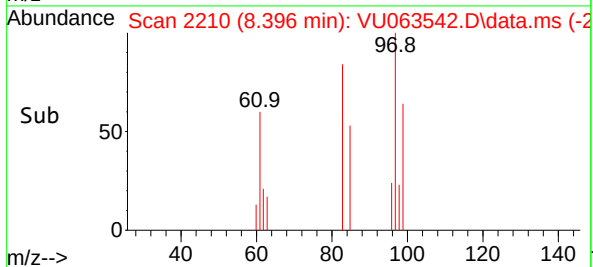
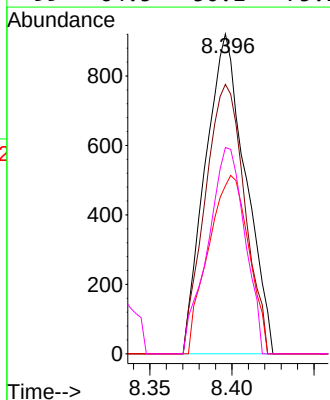
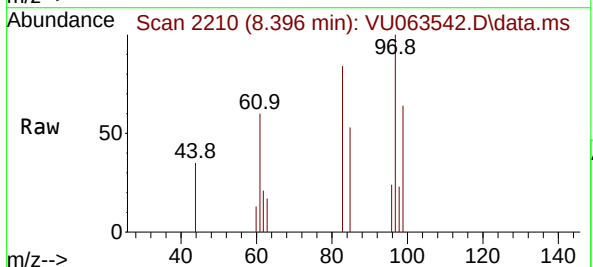
Manual Integrations
 APPROVED

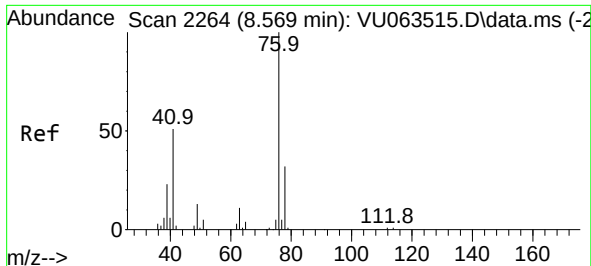
Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.450 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

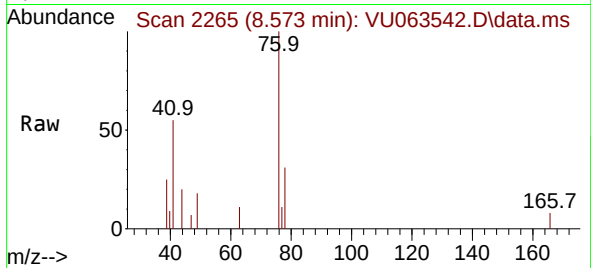
Tgt Ion: 97 Resp: 1569
 Ion Ratio Lower Upper
 97 100
 83 84.3 70.2 105.2
 85 52.6 45.2 67.8
 99 64.5 50.1 75.1





#53
1,3-Dichloropropane
Concen: 0.459 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

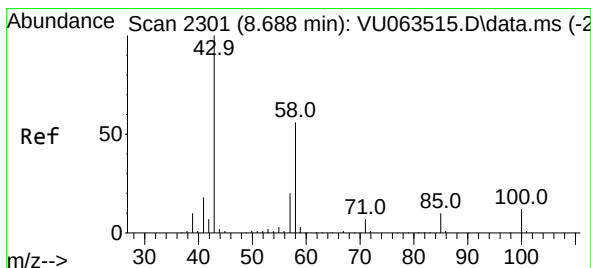
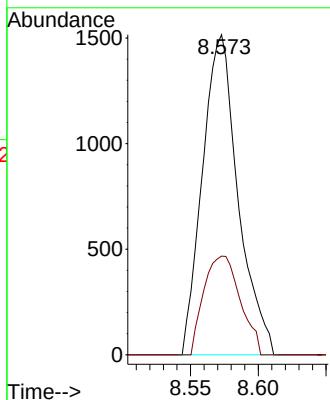
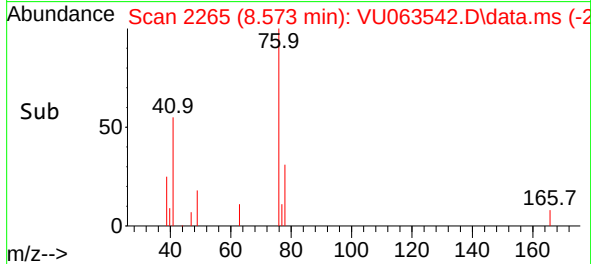
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



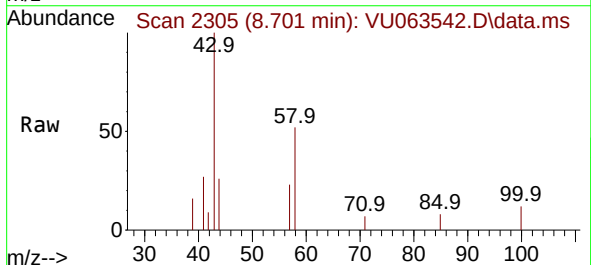
Tgt Ion: 76 Resp: 276
Ion Ratio Lower Upper
76 100
78 31.6 26.0 39.0

Manual Integrations
APPROVED

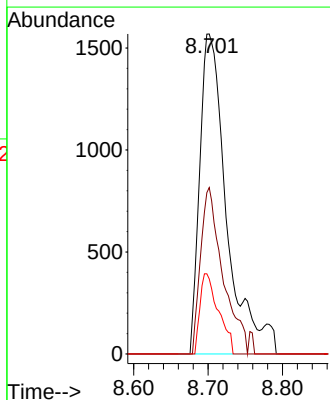
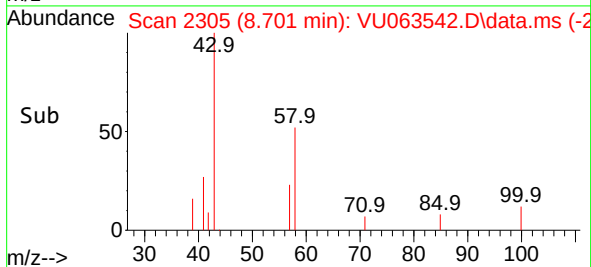
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

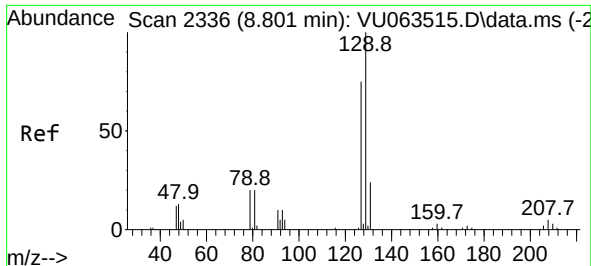


#54
2-Hexanone
Concen: 2.224 ug/l m
RT: 8.701 min Scan# 2305
Delta R.T. 0.013 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56



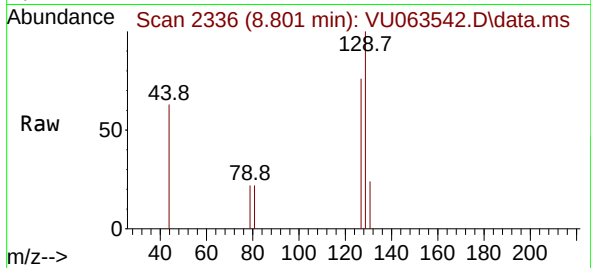
Tgt Ion: 43 Resp: 3945
Ion Ratio Lower Upper
43 100
58 42.8 34.8 74.8
57 17.1 0.0 39.5





#55
Dibromochloromethane
Concen: 0.291 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

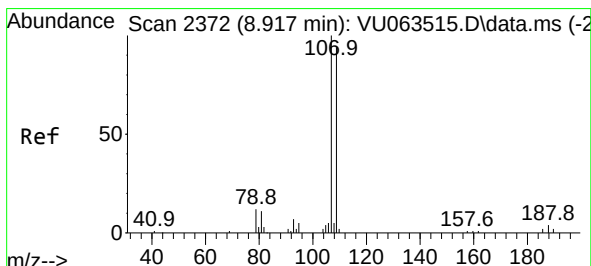
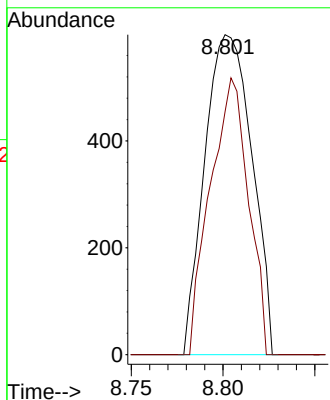
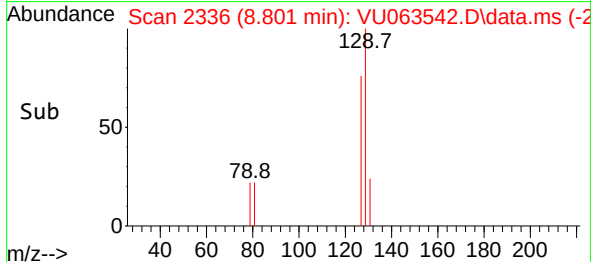
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:129 Resp: 1072
Ion Ratio Lower Upper
129 100
127 70.0 60.1 90.1

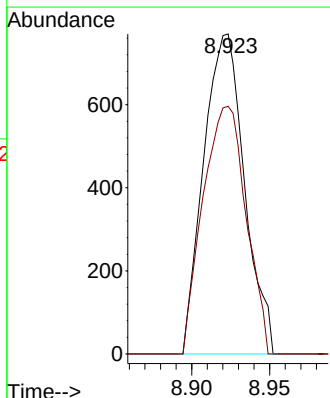
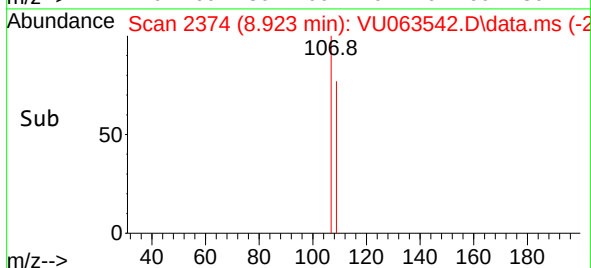
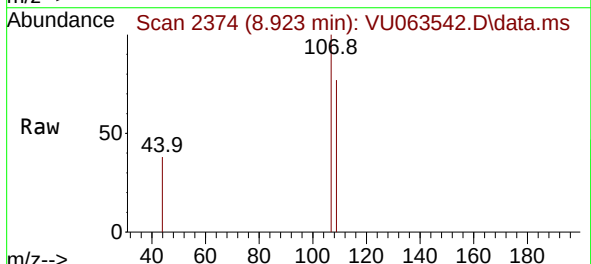
Manual Integrations
APPROVED

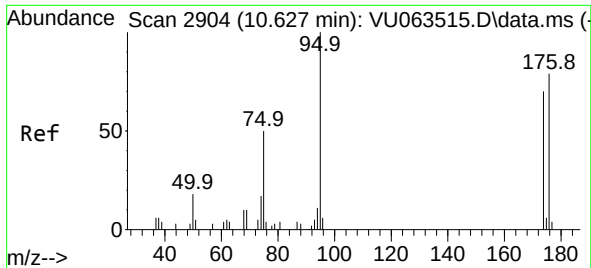
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#56
1,2-Dibromoethane
Concen: 0.449 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

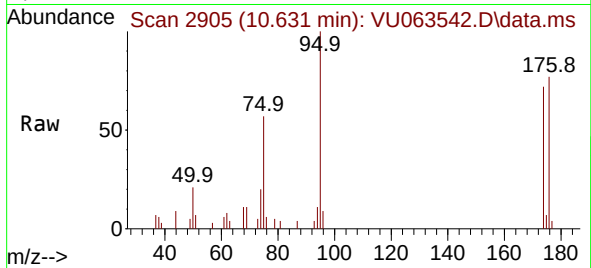
Tgt Ion:107 Resp: 1403
Ion Ratio Lower Upper
107 100
109 81.5 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 0.978 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

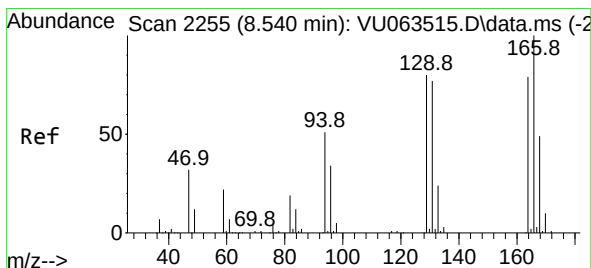
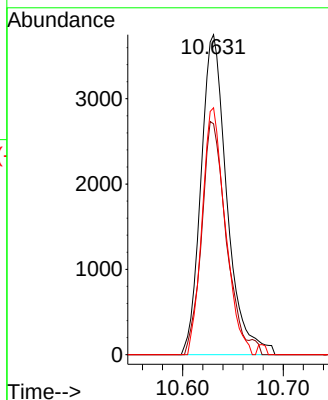
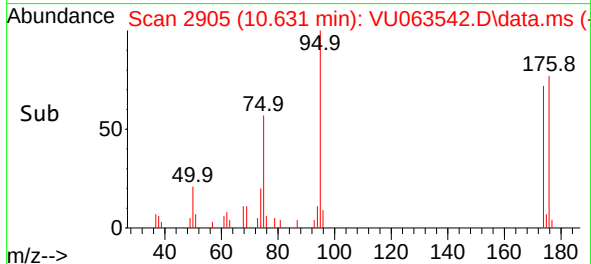
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 95 Resp: 671
Ion Ratio Lower Upper
95 100
174 69.6 59.8 89.8
176 68.7 61.8 92.8

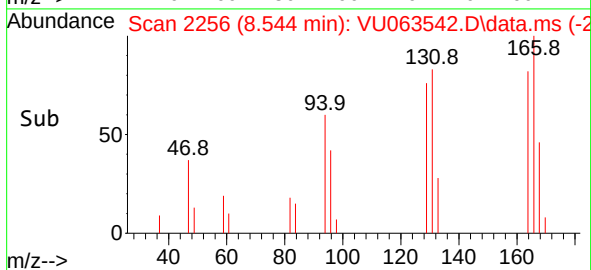
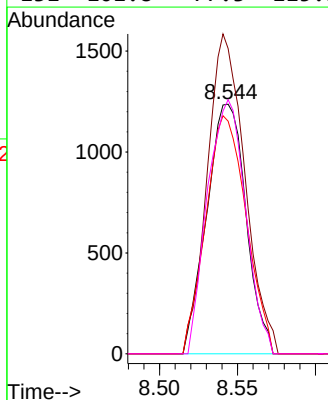
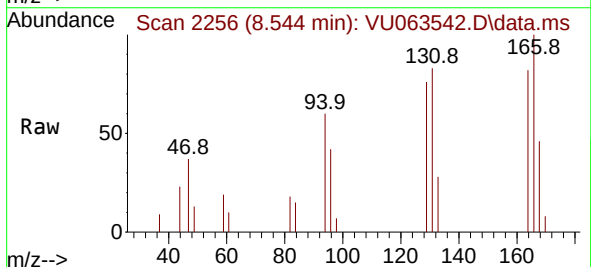
Manual Integrations
APPROVED

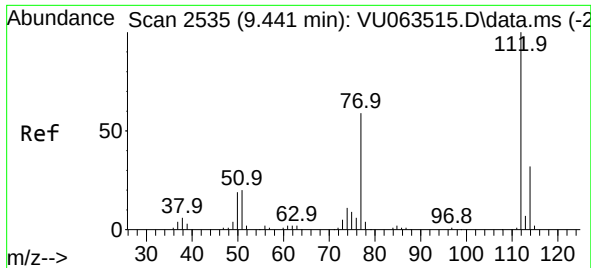
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#58
Tetrachloroethene
Concen: 0.435 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

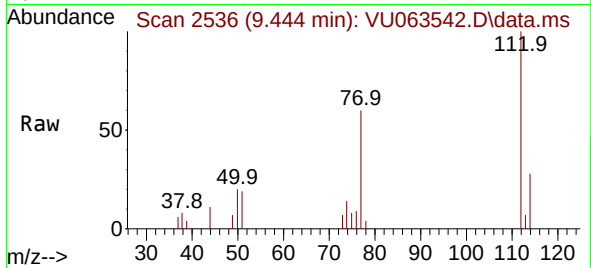
Tgt Ion:164 Resp: 2169
Ion Ratio Lower Upper
164 100
166 122.3 100.7 151.1
129 93.2 80.6 120.8
131 101.8 77.3 115.9





#59
Chlorobenzene
Concen: 0.446 ug/l
RT: 9.444 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

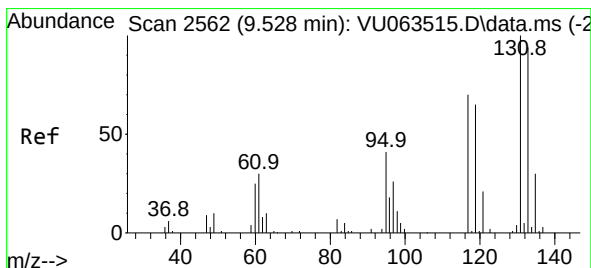
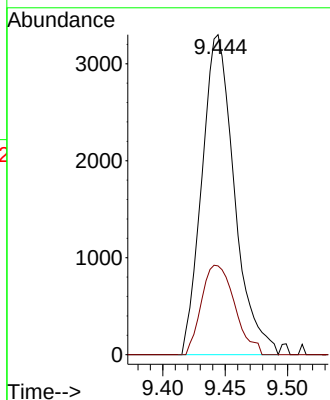
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:112 Resp: 598
Ion Ratio Lower Upper
112 100
114 27.8 25.4 38.2

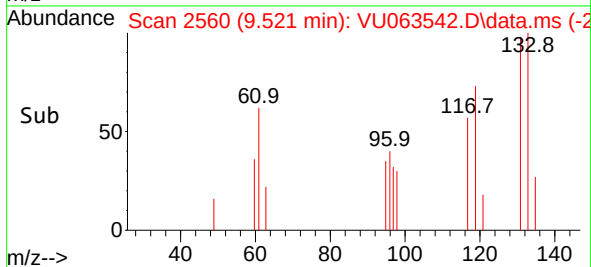
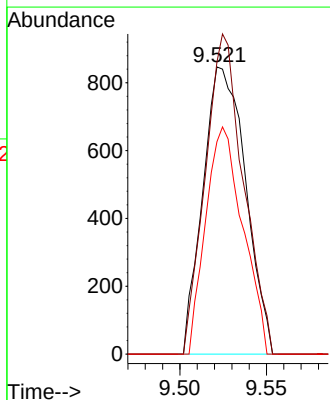
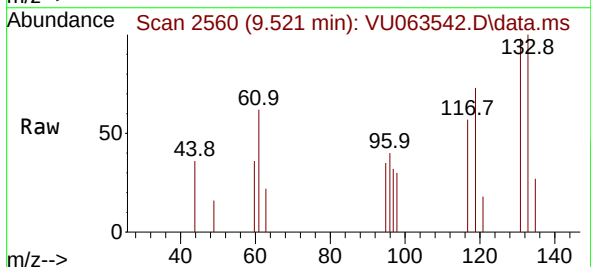
Manual Integrations
APPROVED

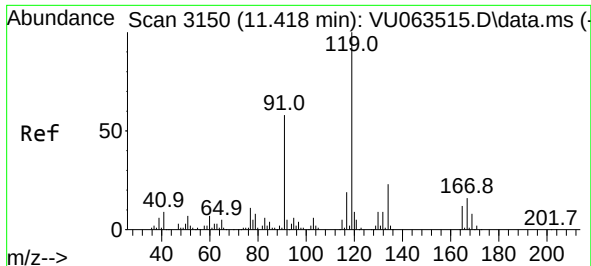
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.336 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.006 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

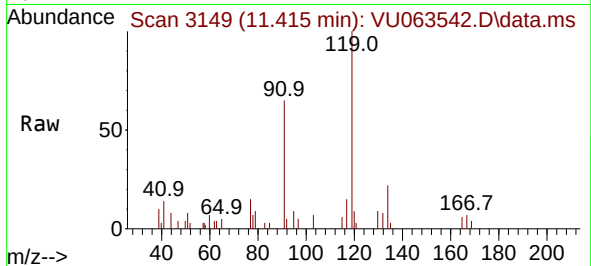
Tgt Ion:131 Resp: 1450
Ion Ratio Lower Upper
131 100
133 99.9 74.7 112.1
119 68.8 53.0 79.4





#61
Pentachloroethane
Concen: 0.327 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

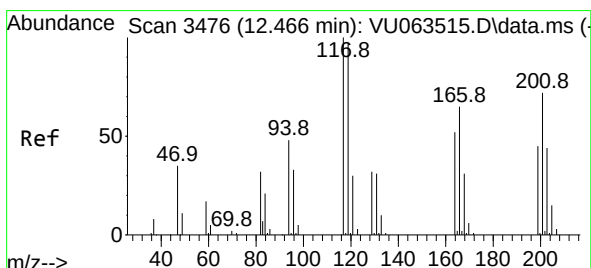
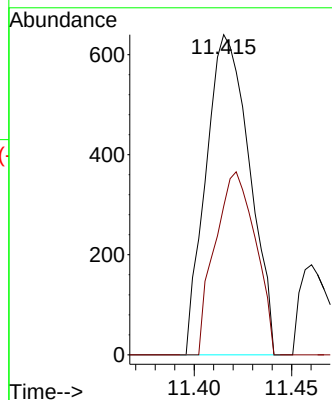
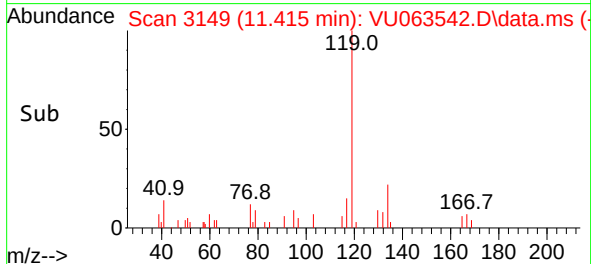
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:117 Resp: 998
Ion Ratio Lower Upper
117 100
167 53.0 65.0 97.6

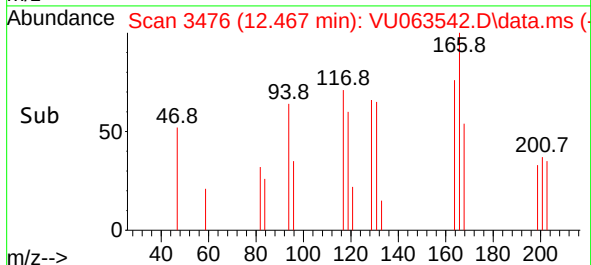
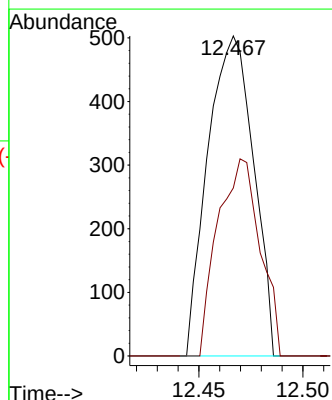
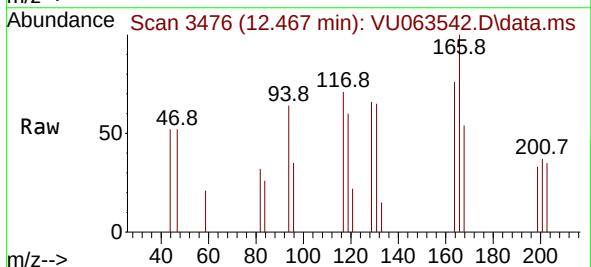
Manual Integrations
APPROVED

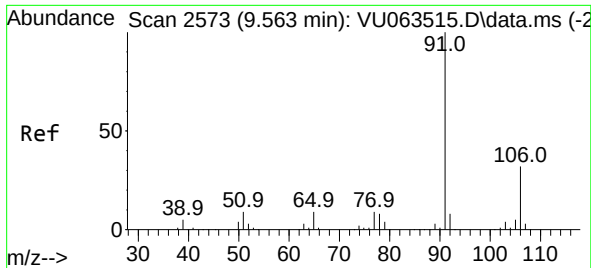
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#62
Hexachloroethane
Concen: 0.255 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:117 Resp: 768
Ion Ratio Lower Upper
117 100
201 57.0 57.4 86.0#





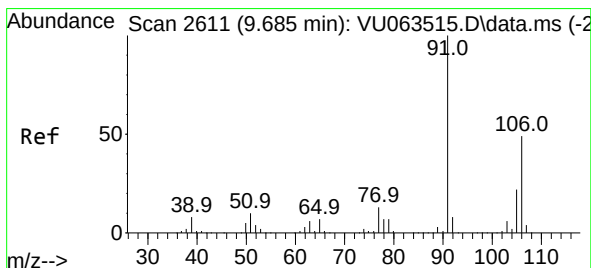
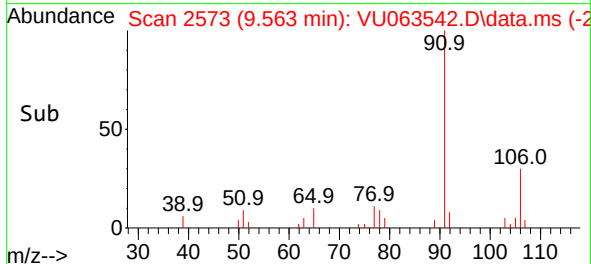
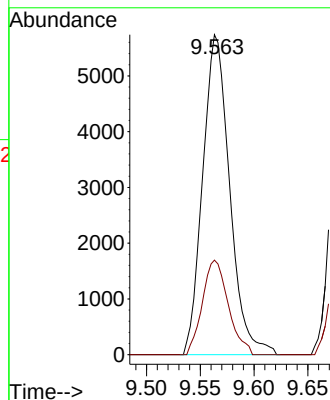
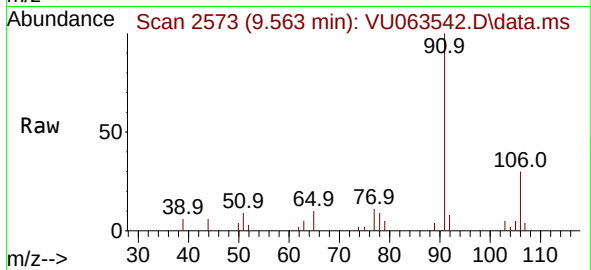
#63
Ethyl Benzene
Concen: 0.434 ug/l
RT: 9.563 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 91 Resp: 1001
Ion Ratio Lower Upper
91 100
106 29.6 25.4 38.0

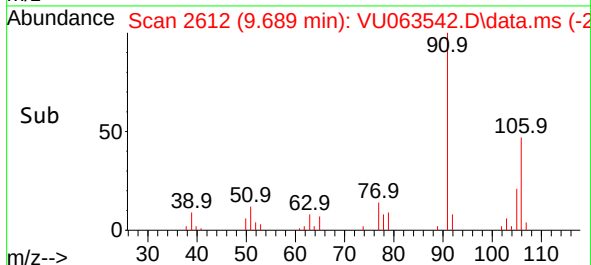
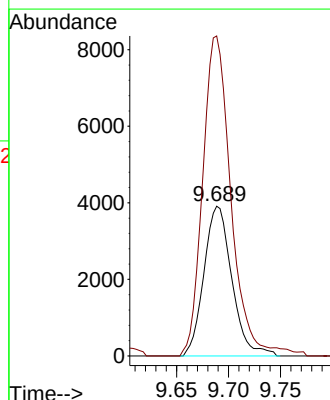
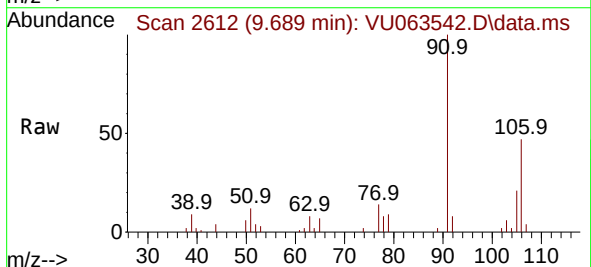
Manual Integrations
APPROVED

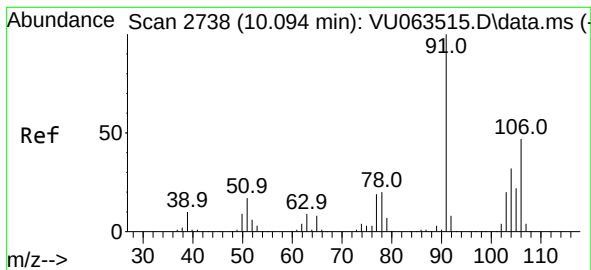
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#64
m/p-Xylenes
Concen: 0.816 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:106 Resp: 7315
Ion Ratio Lower Upper
106 100
91 217.2 163.6 245.4





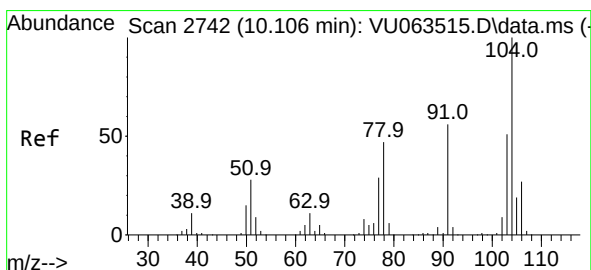
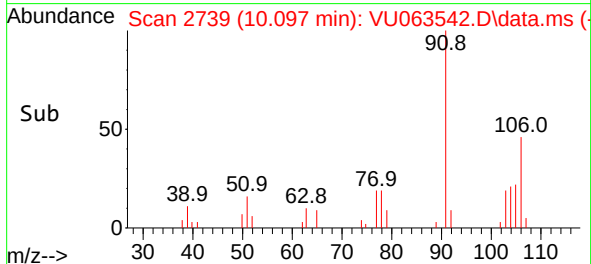
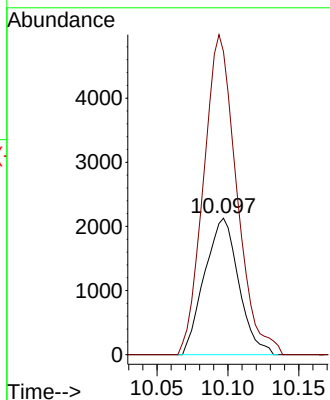
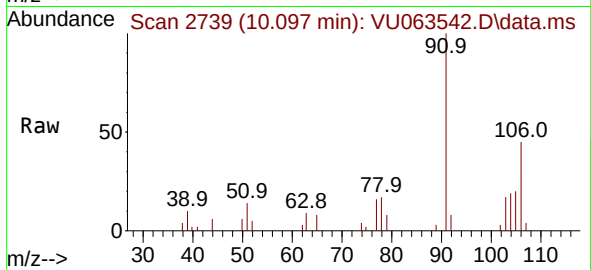
#65
o-Xylene
Concen: 0.415 ug/l
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:106 Resp: 357
Ion Ratio Lower Upper
106 100
91 226.4 108.1 324.4

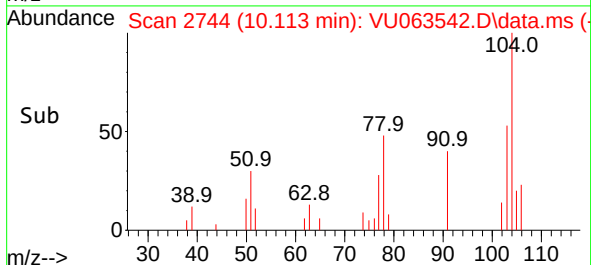
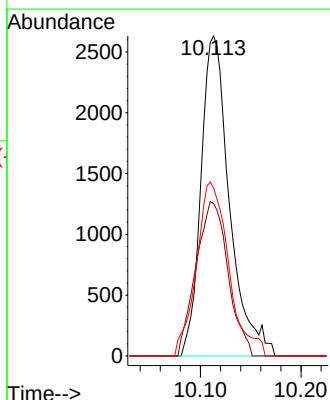
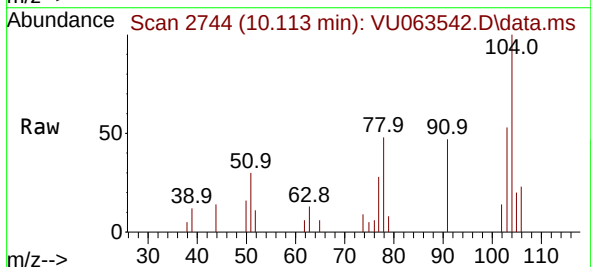
Manual Integrations
APPROVED

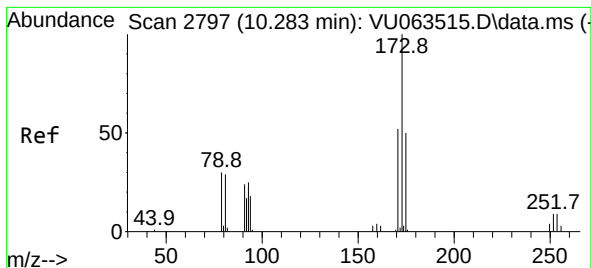
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#66
Styrene
Concen: 0.378 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:104 Resp: 5195
Ion Ratio Lower Upper
104 100
78 54.1 41.3 61.9
103 61.3 43.6 65.4





#67

Bromoform

Concen: 0.226 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

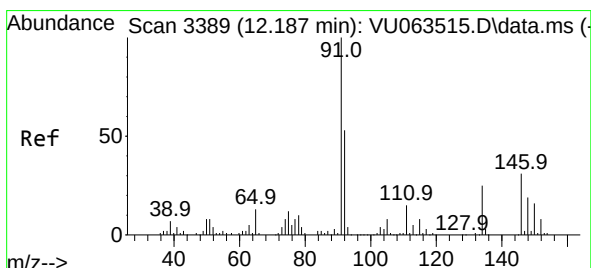
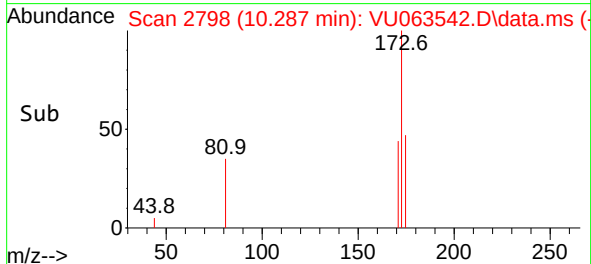
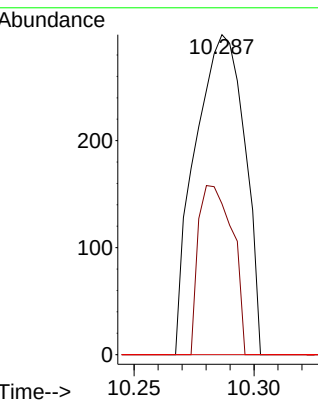
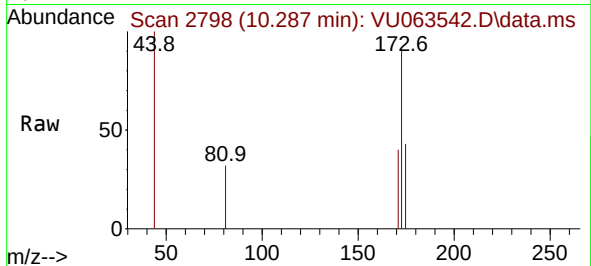
Tgt Ion:173 Resp: 428

Ion	Ratio	Lower	Upper
173	100		
175	36.4	39.0	58.4
254	0.0	6.5	9.7

Manual Integrations

APPROVED

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



#68

1,2-Dichlorobenzene-d4

Concen: 0.934 ug/l

RT: 12.187 min Scan# 3389

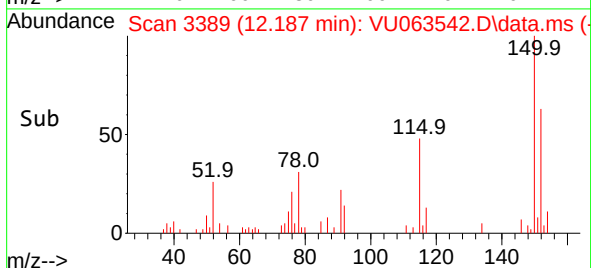
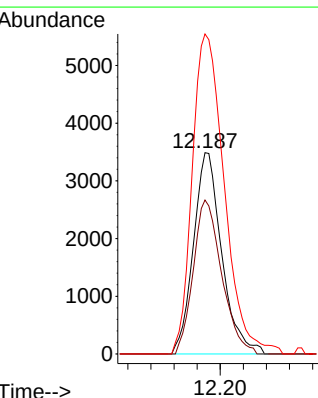
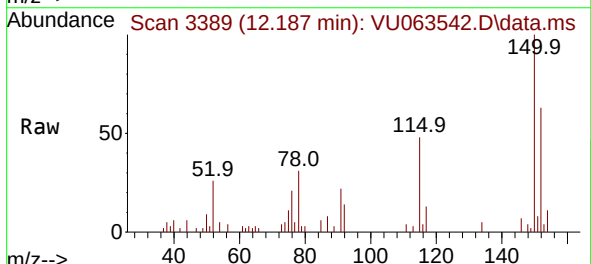
Delta R.T. 0.000 min

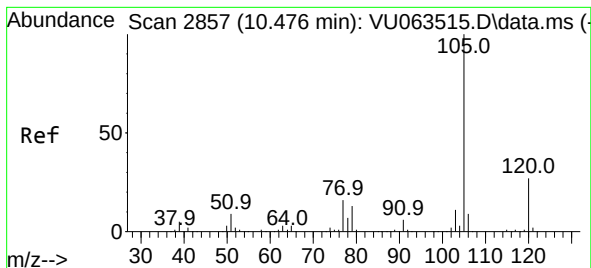
Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Tgt Ion:152 Resp: 5933

Ion	Ratio	Lower	Upper
152	100		
115	76.8	0.0	262.2
150	180.2	0.0	651.2





#69

Isopropylbenzene

Concen: 0.408 ug/l

RT: 10.480 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion:105 Resp: 8489

Ion Ratio Lower Upper

105 100

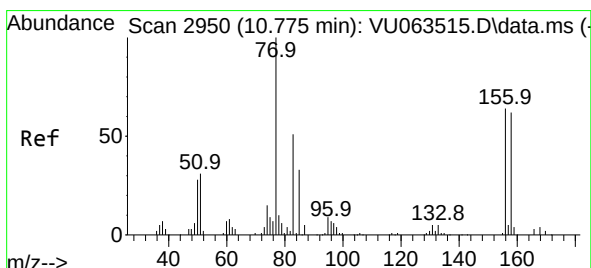
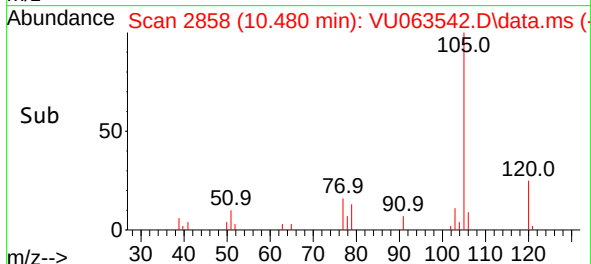
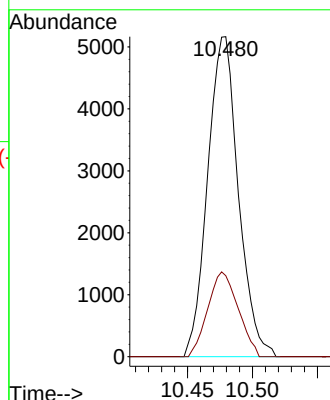
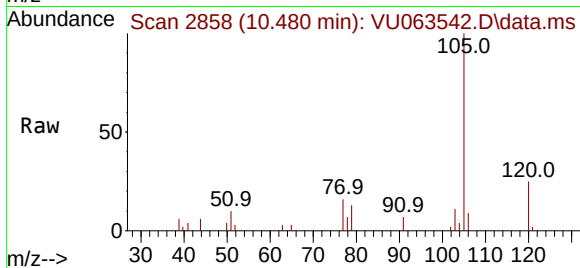
120 26.2 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 0.389 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

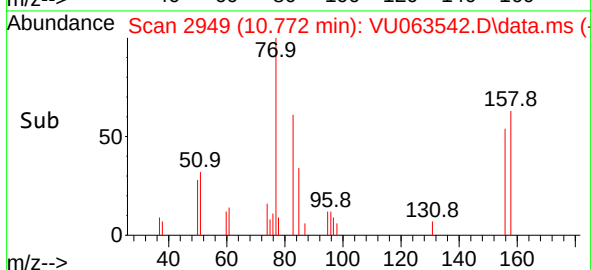
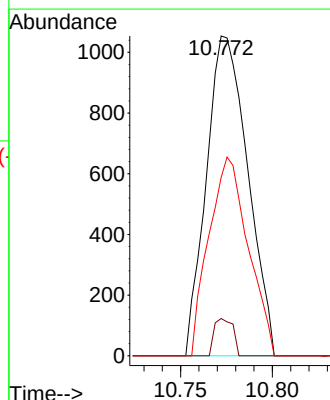
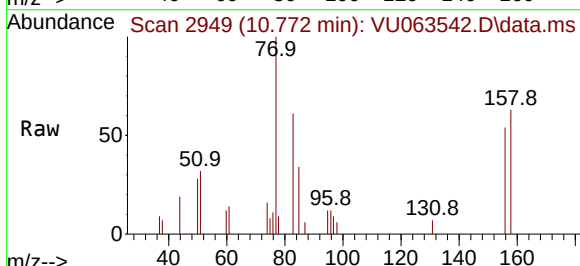
Tgt Ion: 83 Resp: 1653

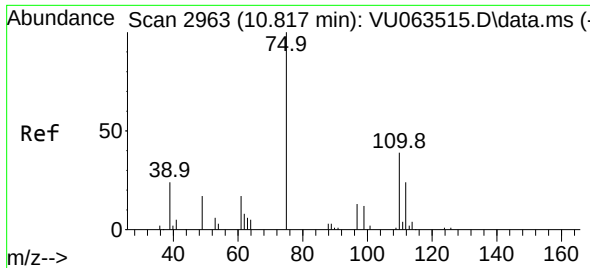
Ion Ratio Lower Upper

83 100

131 5.3 8.4 12.6#

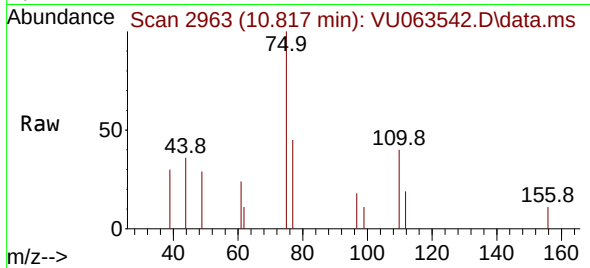
85 59.0 51.9 77.9





#71
1,2,3-Trichloropropane
Concen: 0.495 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

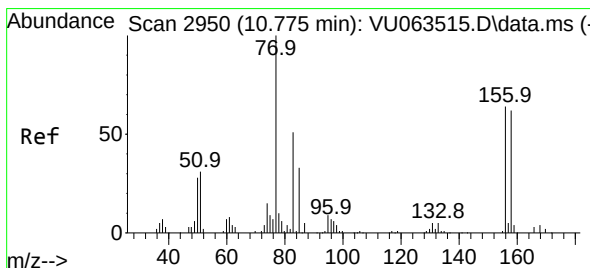
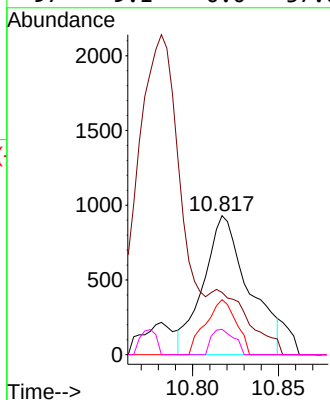
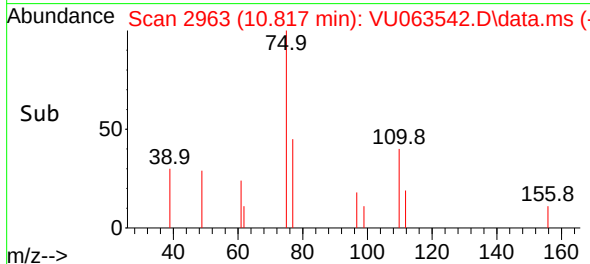
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



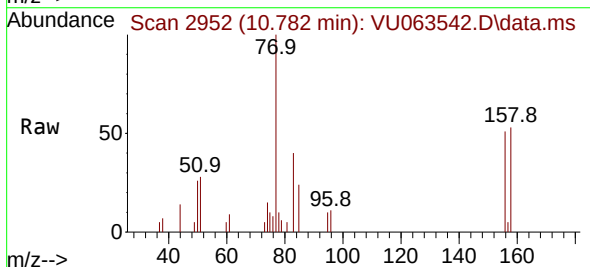
Tgt Ion: 75 Resp: 1700
Ion Ratio Lower Upper
75 100
77 26.4 0.0 0.0
110 26.6 0.0 73.2
97 9.1 0.0 37.6

Manual Integrations
APPROVED

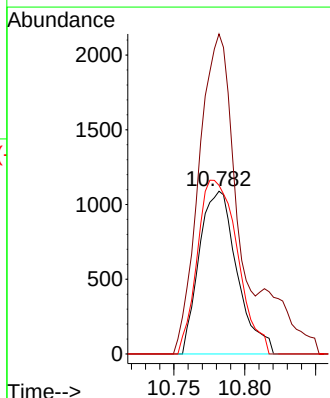
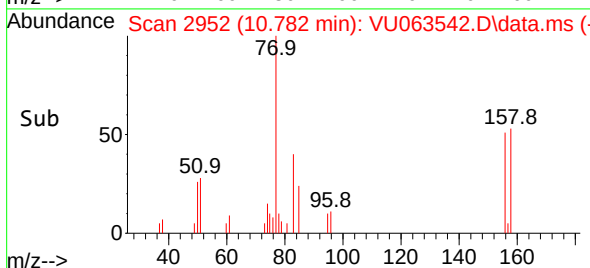
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

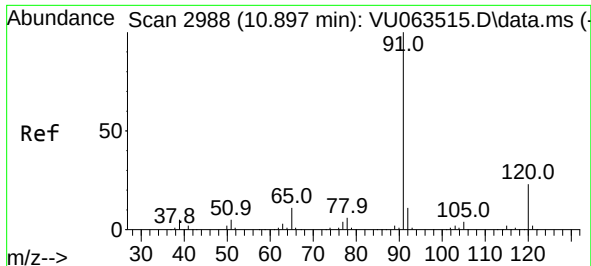


#72
Bromobenzene
Concen: 0.376 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56



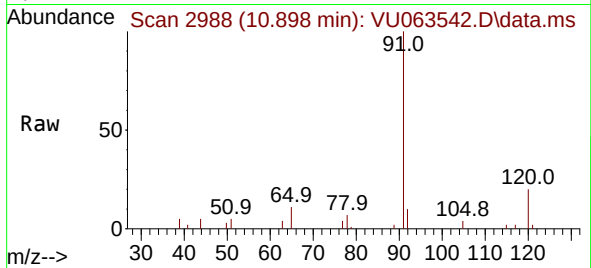
Tgt Ion:156 Resp: 2019
Ion Ratio Lower Upper
156 100
77 187.6 0.0 315.2
158 113.7 0.0 195.4





#73
n-propylbenzene
Concen: 0.407 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

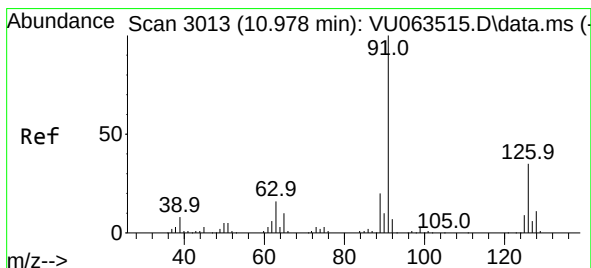
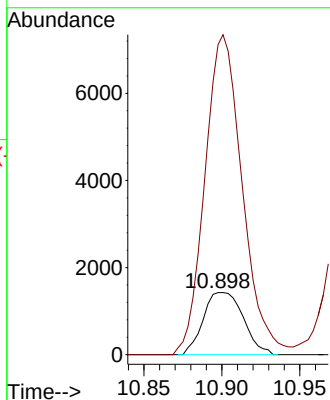
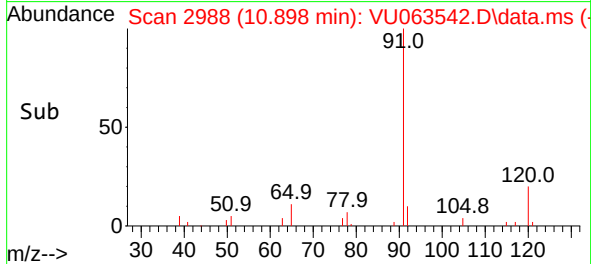
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:120 Resp: 2548
Ion Ratio Lower Upper
120 100
91 481.8 343.1 514.7

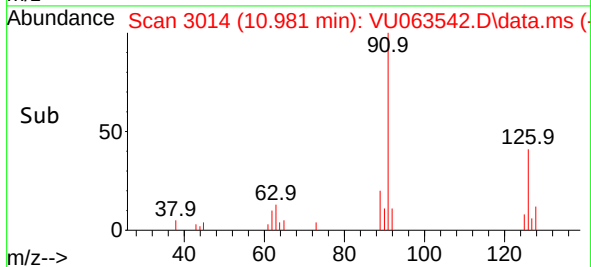
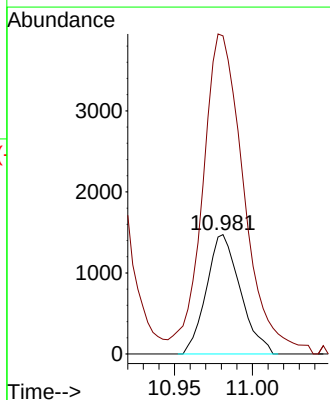
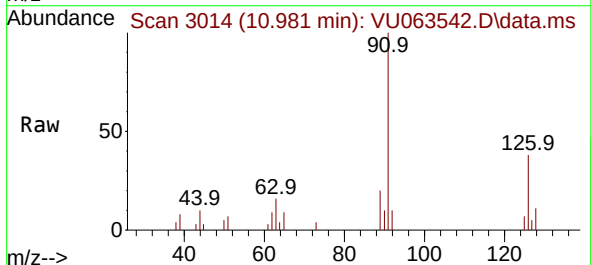
Manual Integrations
APPROVED

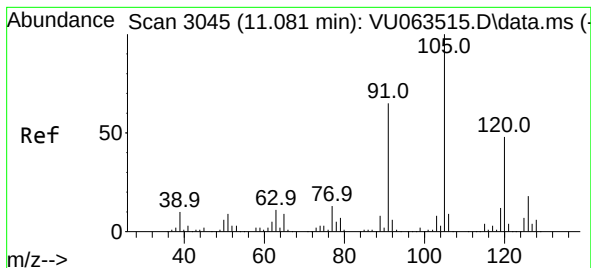
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#74
2-Chlorotoluene
Concen: 0.403 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:126 Resp: 2230
Ion Ratio Lower Upper
126 100
91 326.1 0.0 606.0





#75

1,3,5-Trimethylbenzene

Concen: 0.378 ug/l

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion:105 Resp: 751

Ion Ratio Lower Upper

105 100

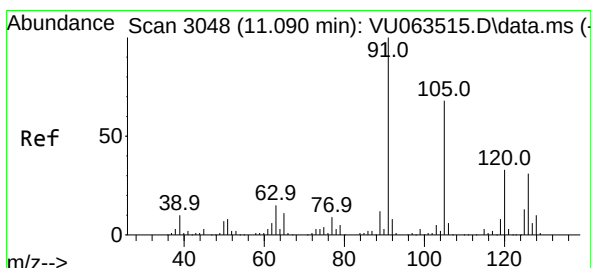
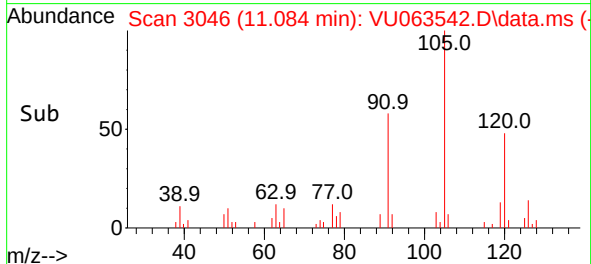
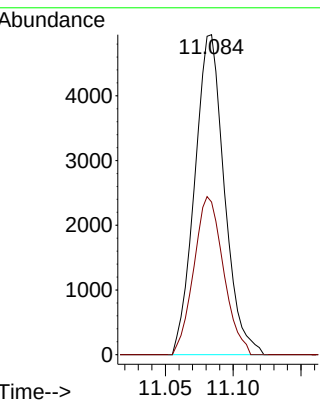
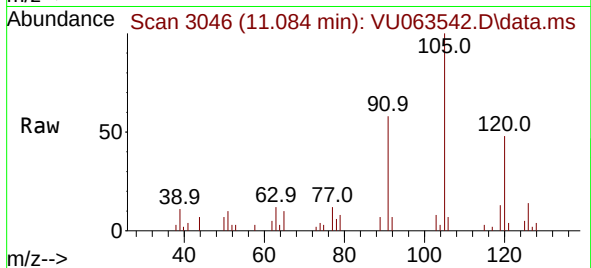
120 49.5 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#76

4-Chlorotoluene

Concen: 0.408 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.007 min

Lab File: VU063542.D

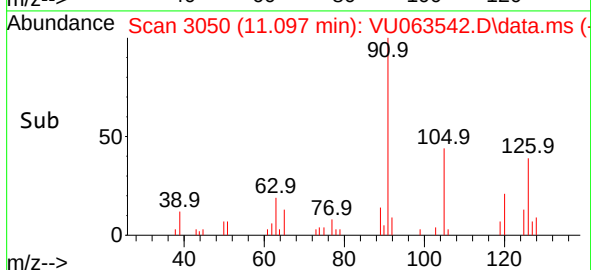
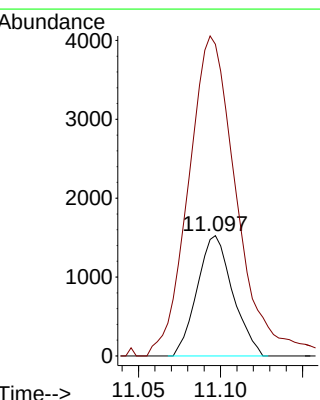
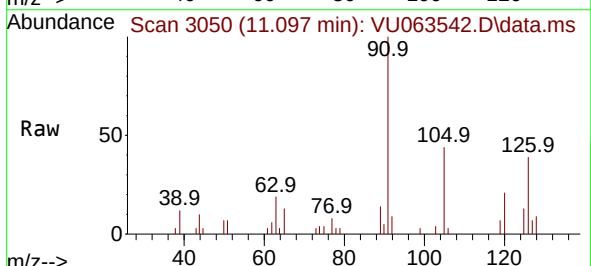
Acq: 18 Jul 2025 17:56

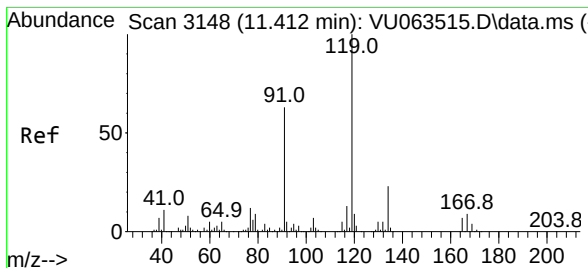
Tgt Ion:126 Resp: 2295

Ion Ratio Lower Upper

126 100

91 358.7 0.0 682.2





#77

tert-Butylbenzene

Concen: 0.398 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

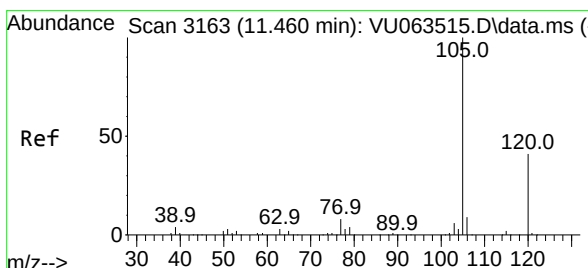
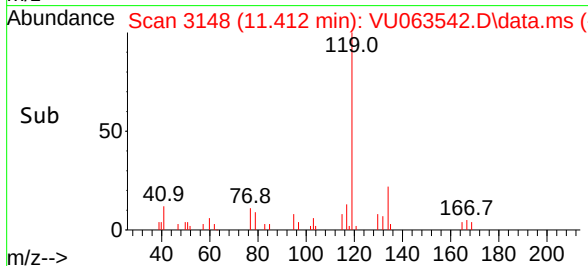
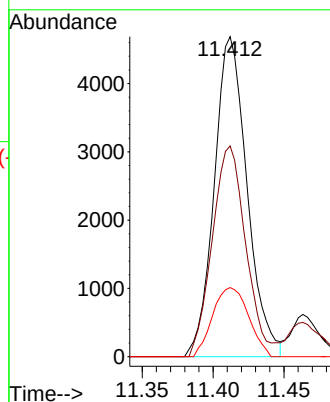
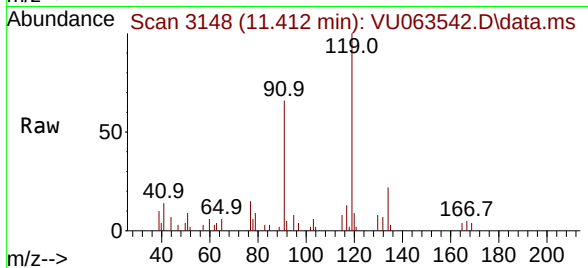
RL-CHECK

Tgt Ion:	119	Resp:	7570
Ion Ratio	Lower	Upper	
119	100		
91	67.1	30.7	92.1
134	23.6	18.5	27.7

Manual Integrations

APPROVED

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



#78

1,2,4-Trimethylbenzene

Concen: 0.386 ug/l

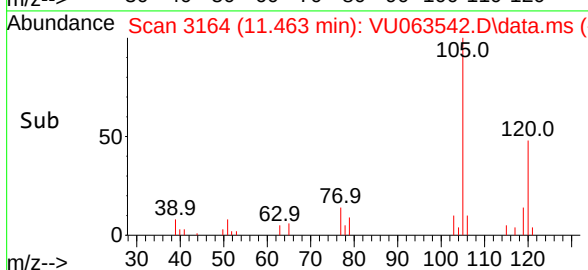
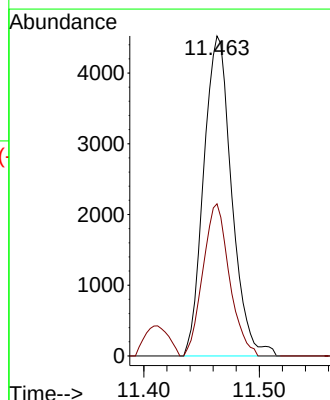
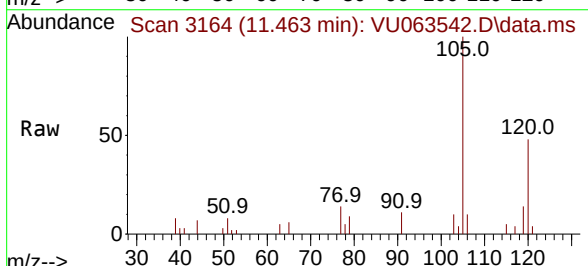
RT: 11.463 min Scan# 3164

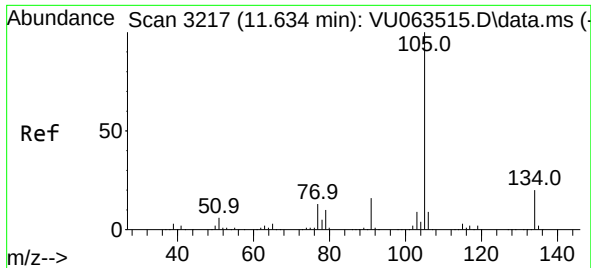
Delta R.T. 0.003 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

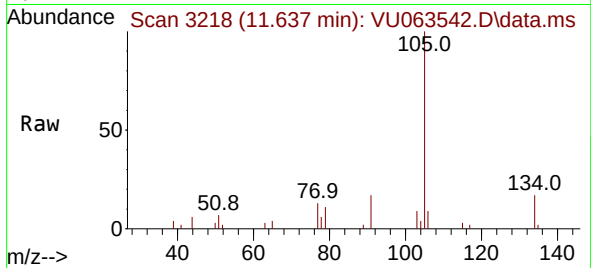
Tgt Ion:	105	Resp:	7613
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.7	68.0





#79
 sec-Butylbenzene
 Concen: 0.415 ug/l
 RT: 11.637 min Scan# 3217
 Delta R.T. 0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

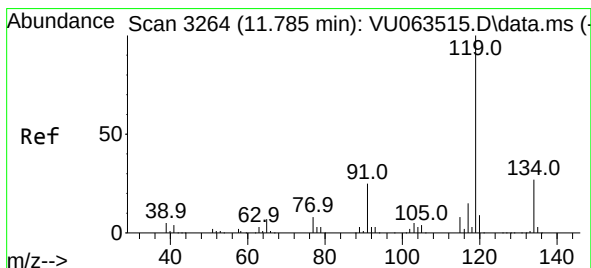
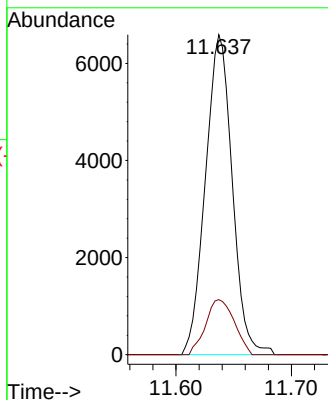
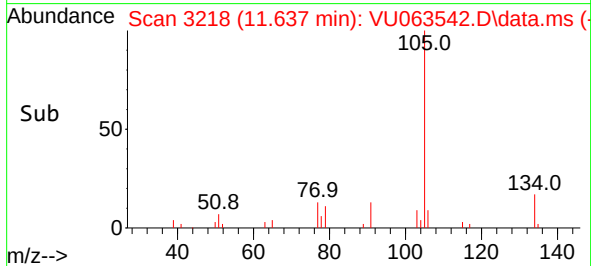
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



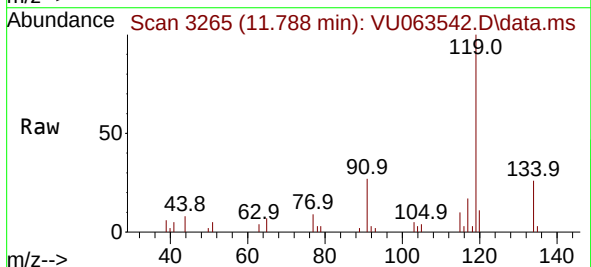
Tgt Ion:105 Resp: 10630
 Ion Ratio Lower Upper
 105 100
 134 18.4 16.2 24.4

Manual Integrations
 APPROVED

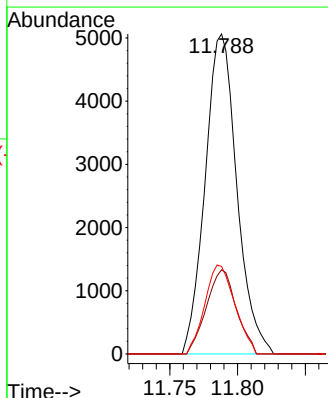
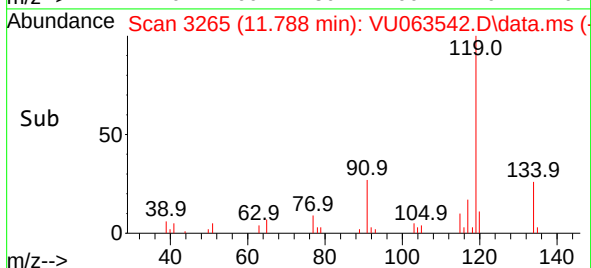
Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

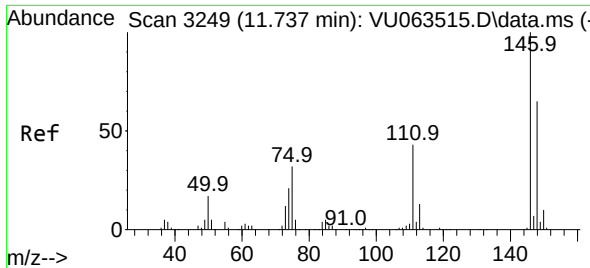


#81
 p-Isopropyltoluene
 Concen: 0.384 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. 0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56



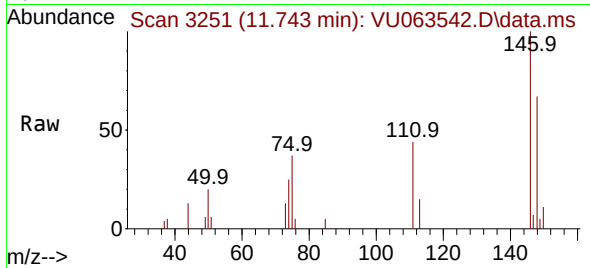
Tgt Ion:119 Resp: 8223
 Ion Ratio Lower Upper
 119 100
 134 24.7 21.1 31.7
 91 26.4 19.8 29.8





#82
1,3-Dichlorobenzene
Concen: 0.398 ug/l
RT: 11.743 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

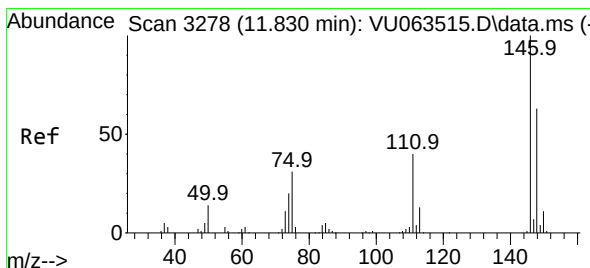
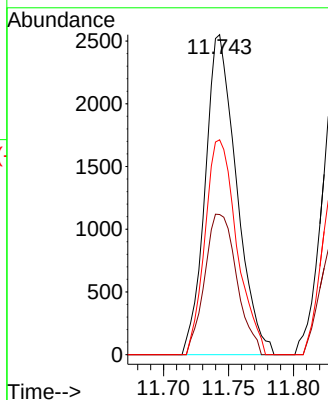
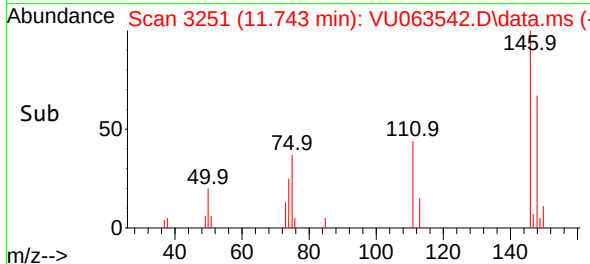
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



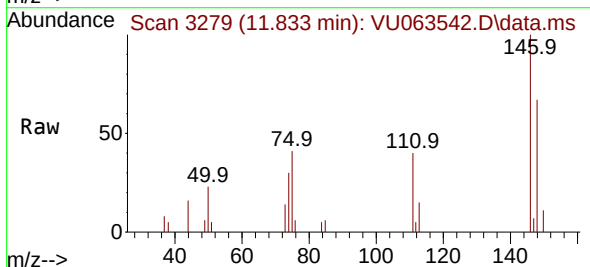
Tgt Ion:146 Resp: 4270
Ion Ratio Lower Upper
146 100
111 44.9 33.8 50.6
148 68.1 51.5 77.3

Manual Integrations
APPROVED

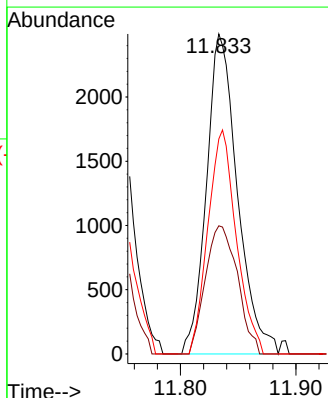
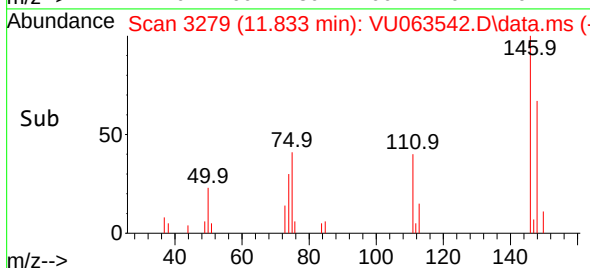
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

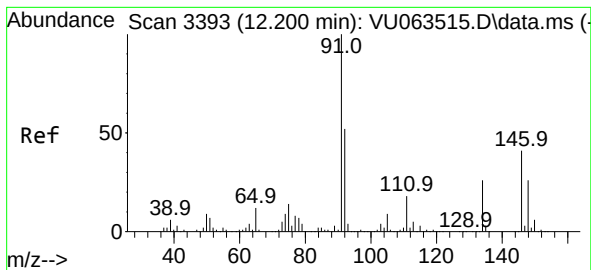


#83
1,4-Dichlorobenzene
Concen: 0.431 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56



Tgt Ion:146 Resp: 4640
Ion Ratio Lower Upper
146 100
111 41.4 32.0 48.0
148 64.1 50.2 75.2





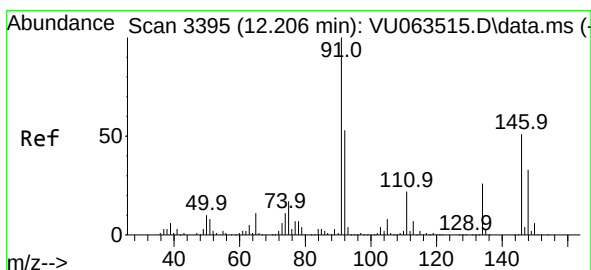
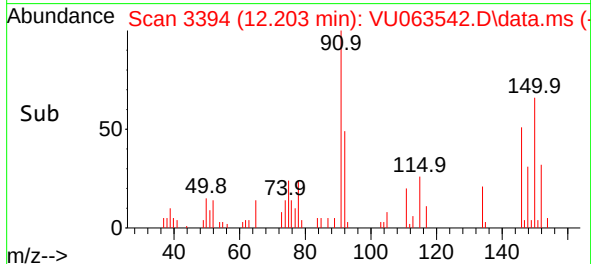
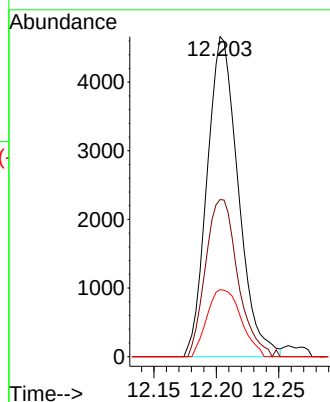
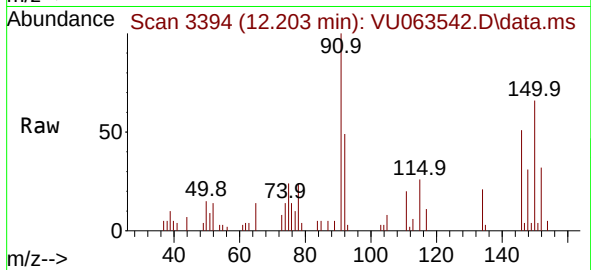
#84
n-Butylbenzene
Concen: 0.409 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 91 Resp: 811
Ion Ratio Lower Upper
91 100
92 50.9 41.5 62.3
134 22.8 20.6 30.8

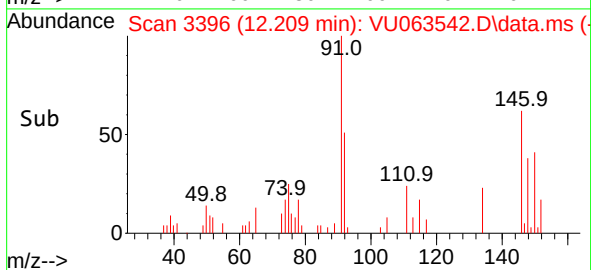
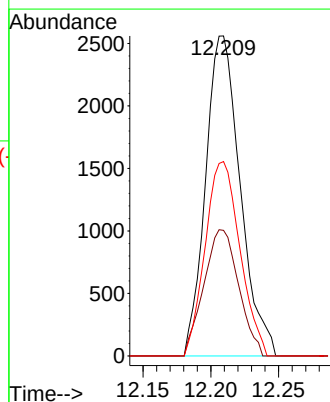
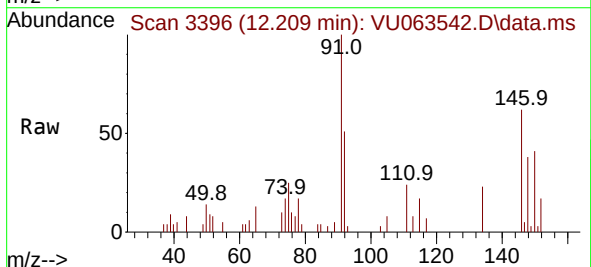
Manual Integrations
APPROVED

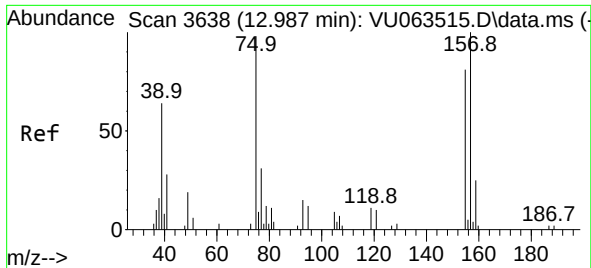
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#85
1,2-Dichlorobenzene
Concen: 0.450 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:146 Resp: 4549
Ion Ratio Lower Upper
146 100
111 39.6 21.7 65.1
148 61.0 31.8 95.3





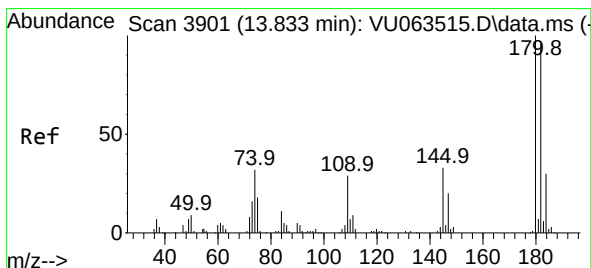
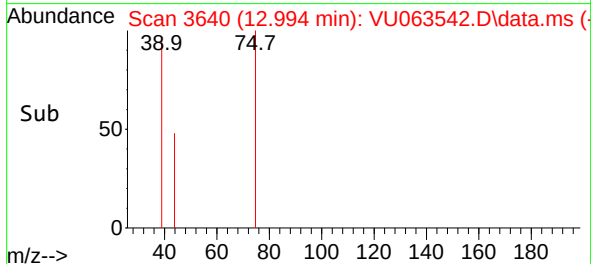
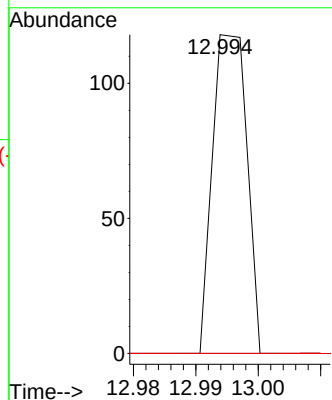
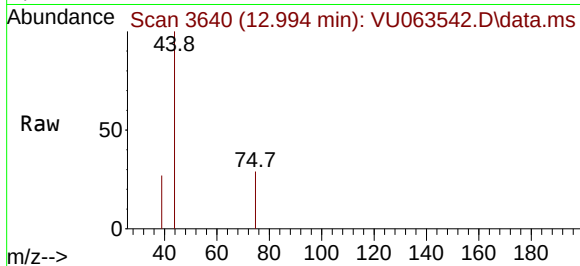
#86
1,2-Dibromo-3-Chloropropane
Concen: 0.075 ug/l
RT: 12.994 min Scan# 30
Delta R.T. 0.007 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.6
157 0.0 81.4 122.2

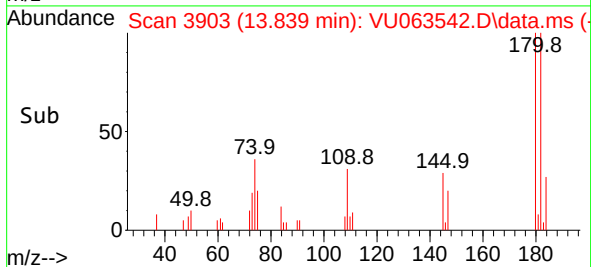
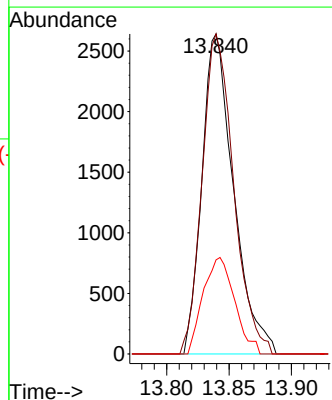
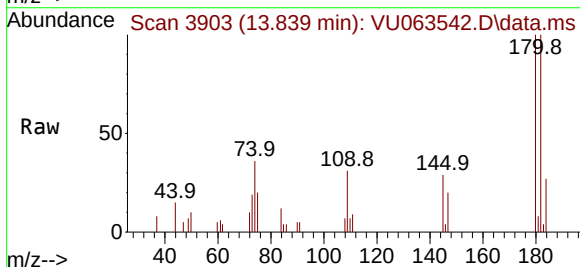
Manual Integrations
APPROVED

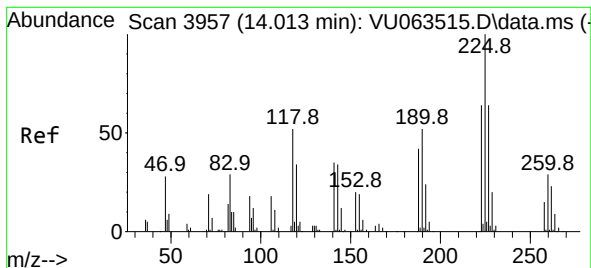
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#87
1,2,4-Trichlorobenzene
Concen: 0.741 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.006 min
Lab File: VU063542.D
Acq: 18 Jul 2025 17:56

Tgt Ion:180 Resp: 4657
Ion Ratio Lower Upper
180 100
182 99.7 76.2 114.4
145 30.0 26.2 39.2





#88

Hexachlorobutadiene

Concen: 0.449 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

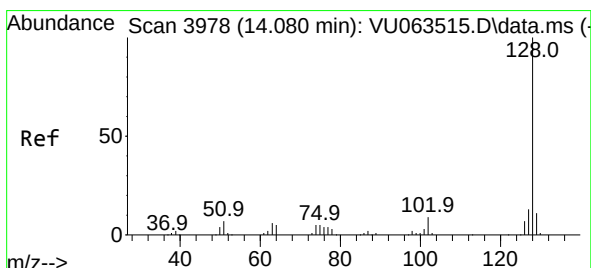
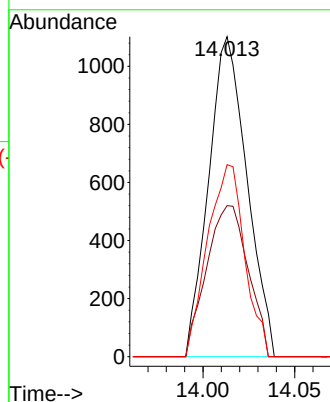
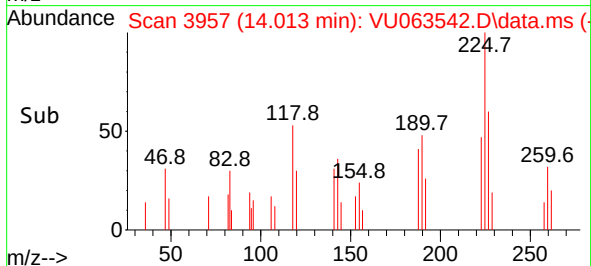
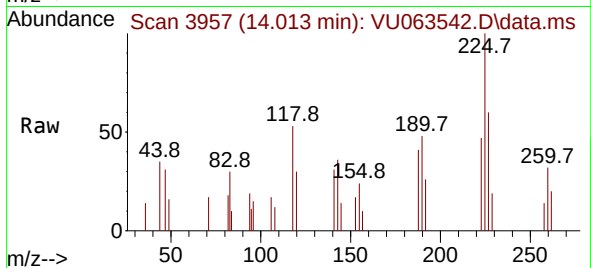
RL-CHECK

Tgt Ion:	225	Resp:	160
Ion Ratio	Lower	Upper	
225	100		
223	51.2	50.8	76.2
227	57.9	51.0	76.6

Manual Integrations

APPROVED

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



#89

Naphthalene

Concen: 0.499 ug/l

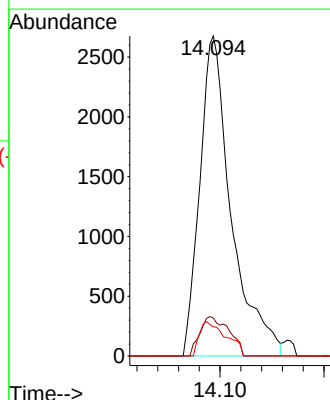
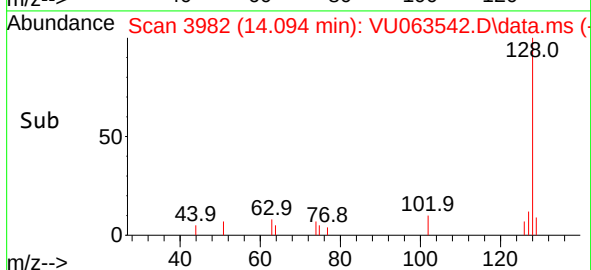
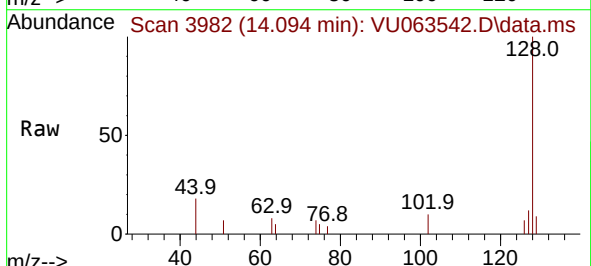
RT: 14.094 min Scan# 3982

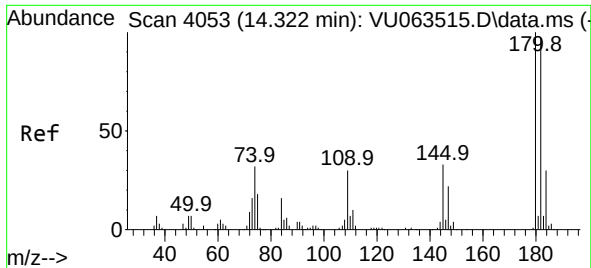
Delta R.T. 0.014 min

Lab File: VU063542.D

Acq: 18 Jul 2025 17:56

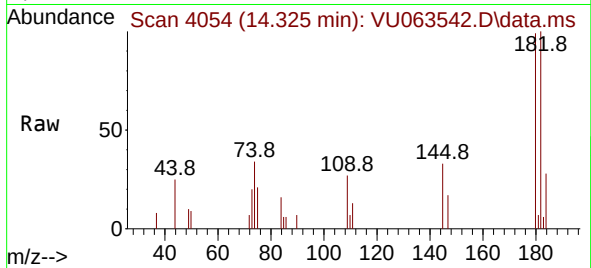
Tgt Ion:	128	Resp:	5620
Ion Ratio	Lower	Upper	
128	100		
127	11.4	10.2	15.4
129	9.1	8.8	13.2





#90
 1,2,3-Trichlorobenzene
 Concen: 0.520 ug/l
 RT: 14.325 min Scan# 4053
 Delta R.T. 0.003 min
 Lab File: VU063542.D
 Acq: 18 Jul 2025 17:56

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



Tgt Ion:180 Resp: 3020
 Ion Ratio Lower Upper
 180 100
 182 105.4 78.0 117.0
 145 34.8 27.3 40.9

Manual Integrations
 APPROVED

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

