

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
 Data File : VU063452.D
 Acq On : 25 Jun 2025 11:27
 Operator : MD/SY
 Sample : VU0625WBSD01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jun 26 01:26:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 05:06:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	49906	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	17342	0.946	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	17538	0.953	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	37939	1.979	ug/l	98
3) Chloromethane	1.518	50	41594	1.647	ug/l	98
4) Vinyl Chloride	1.599	62	37795	1.748	ug/l	99
5) Bromomethane	1.846	94	26766	2.584	ug/l	97
6) Chloroethane	1.923	64	24932	1.947	ug/l	97
7) Trichlorofluoromethane	2.126	101	49886	2.023	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	25503	1.942	ug/l	97
9) 1,1-Dichloroethene	2.567	96	27116	2.069	ug/l	93
10) Iodomethane	2.708	142	19162	1.812	ug/l	97
11) Allyl Chloride	2.907	41	41589	1.782	ug/l	99
12) Acrylonitrile	3.306	53	14179	3.745	ug/l	95
13) Acetone	2.621	43	25437	7.532	ug/l	98
14) Carbon Disulfide	2.776	76	85955	1.881	ug/l	98
15) Methylene Chloride	3.030	84	33807	2.035	ug/l	97
16) trans-1,2-Dichloroethene	3.335	96	28662	1.944	ug/l	96
17) 1,1-Dichloroethane	3.849	63	60797	1.964	ug/l	100
18) 2-Butanone	4.718	43	41128	7.784	ug/l	98
19) Cyclohexane	5.354	56	47425	2.025	ug/l	99
20) Methylcyclohexane	6.746	83	38928	1.790	ug/l	97
21) 2,2-Dichloropropane	4.644	77	40426	1.837	ug/l	98
22) cis-1,2-Dichloroethene	4.647	96	31884	1.981	ug/l	91
23) Diethyl Ether	2.370	59	22658	1.916	ug/l	95
24) tert-Butyl Alcohol	3.200	59	24251	19.470	ug/l	99
25) Methyl tert-Butyl Ether	3.364	73	68583	1.924	ug/l	99
26) Bromochloromethane	4.955	128	12511	1.997	ug/l	91
27) Chloroform	5.071	83	56324	1.941	ug/l	95
28) 1,1,1-Trichloroethane	5.293	97	46560	1.978	ug/l	99
29) 1,1-Dichloropropene	5.505	75	41683	1.939	ug/l	99
30) Carbon Tetrachloride	5.499	117	37164	1.977	ug/l	98
31) Isopropyl Ether	3.994	45	86389	1.786	ug/l	99
32) Ethyl-t-butyl ether	4.505	59	73977	1.805	ug/l	96
33) Tert-Amyl methyl ether	5.946	73	56172	1.914	ug/l	99
34) Propionitrile	4.782	54	13971	9.141	ug/l #	93
35) Benzene	5.759	78	130761	2.011	ug/l	99
36) 1,2-Dichloroethane	5.785	62	37884	1.993	ug/l	99
37) Trichloroethene	6.531	130	29076	1.892	ug/l	96
38) 1,2-Dichloropropane	6.785	63	36214	2.016	ug/l	99
39) Methacrylonitrile	4.978	41	10704	1.683	ug/l	95
40) Methyl acrylate	4.853	55	16065	1.799	ug/l #	96
41) Tetrahydrofuran	5.068	42	12160	3.555	ug/l	98
42) 1-Chlorobutane	5.438	56	57186	1.875	ug/l	97
43) Dibromomethane	6.914	93	16193	1.930	ug/l	98
44) Bromodichloromethane	7.100	83	40673	1.990	ug/l	100

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	79037	8.775	ug/l	99
46) t-1,4-Dichloro-2-butene	10.827	75	12395m	4.187	ug/l	
47) Methyl methacrylate	6.971	69	24819	3.878	ug/l	98
48) Ethyl methacrylate	8.338	69	21710	1.964	ug/l	99
49) Toluene	7.962	92	67443	1.889	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	27535	1.868	ug/l	95
51) cis-1,3-Dichloropropene	7.602	75	37407	1.890	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	24811	2.023	ug/l	98
53) 1,3-Dichloropropane	8.569	76	41491	1.966	ug/l	98
54) 2-Hexanone	8.692	43	53905	9.493	ug/l	95
55) Dibromochloromethane	8.801	129	25650	2.027	ug/l	96
56) 1,2-Dibromoethane	8.920	107	19862	1.998	ug/l	97
58) Tetrachloroethene	8.544	164	29469	1.955	ug/l	97
59) Chlorobenzene	9.441	112	71813	1.879	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	26716	1.942	ug/l	100
61) Pentachloroethane	11.415	117	22909	2.044	ug/l	96
62) Hexachloroethane	12.466	117	19321	1.917	ug/l	95
63) Ethyl Benzene	9.563	91	113201	1.847	ug/l	99
64) m/p-Xylenes	9.688	106	86934	3.670	ug/l	99
65) o-Xylene	10.094	106	42395	1.821	ug/l	96
66) Styrene	10.110	104	70138	1.857	ug/l	98
67) Bromoform	10.286	173	12270	1.775	ug/l	95
69) Isopropylbenzene	10.476	105	102163	1.894	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	31968	2.038	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	25287m	1.973	ug/l	
72) Bromobenzene	10.778	156	29542	1.951	ug/l	88
73) n-propylbenzene	10.901	120	30039	1.845	ug/l	96
74) 2-Chlorotoluene	10.981	126	28908	1.932	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	98754	1.857	ug/l	99
76) 4-Chlorotoluene	11.094	126	30163	1.924	ug/l	100
77) tert-Butylbenzene	11.412	119	94918	1.916	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	98758	1.868	ug/l	99
79) sec-Butylbenzene	11.634	105	135745	1.934	ug/l	100
80) Nitrobenzene	13.212	77	6943m	10.655	ug/l	
81) p-Isopropyltoluene	11.785	119	104714	1.900	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	64996	2.073	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	64810	1.992	ug/l	98
84) n-Butylbenzene	12.203	91	107626	1.873	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	59654	1.988	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	4533	2.102	ug/l	94
87) 1,2,4-Trichlorobenzene	13.836	180	32381	1.935	ug/l	97
88) Hexachlorobutadiene	14.013	225	22737	1.916	ug/l	99
89) Naphthalene	14.084	128	49435	2.181	ug/l	98
90) 1,2,3-Trichlorobenzene	14.322	180	29291	1.760	ug/l	100

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

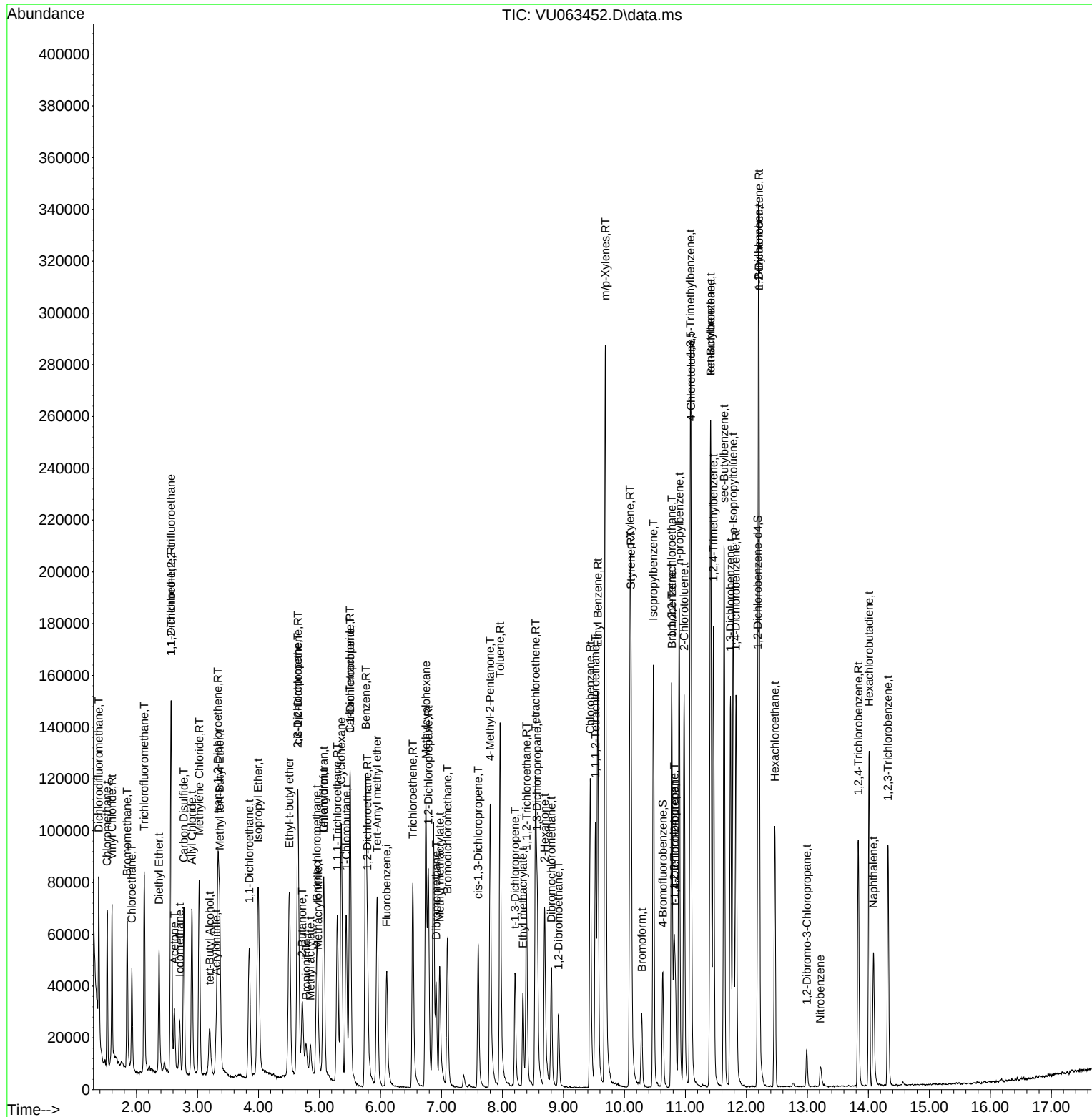
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 Data File : VU063452.D
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 Sample : VU0625WBSD01
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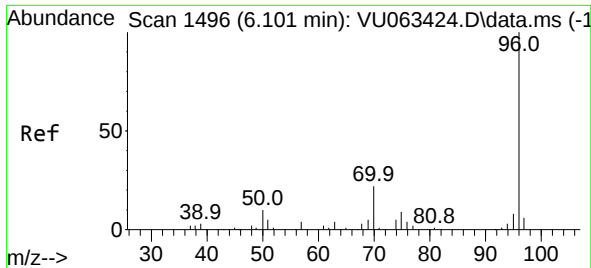
Instrument :
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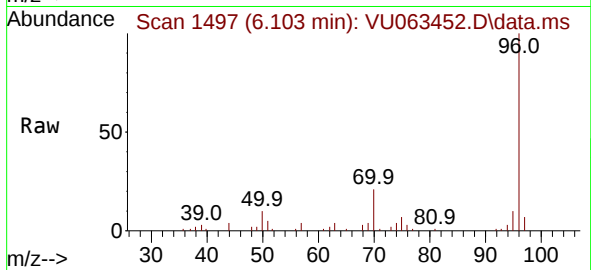
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1496
Delta R.T. 0.002 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

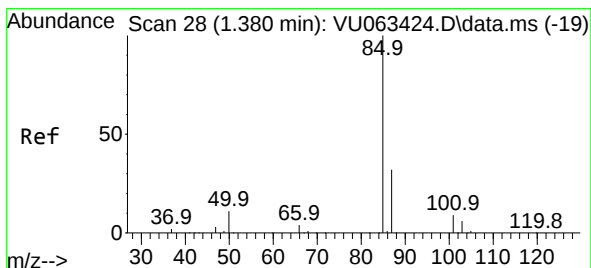
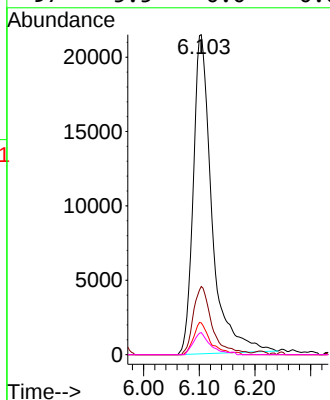
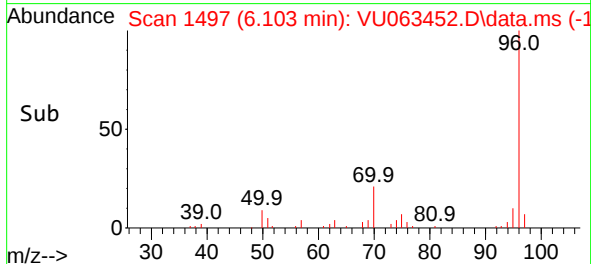
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



Tgt Ion: 96 Resp: 49900
Ion Ratio Lower Upper
96 100
70 20.7 16.4 24.6
95 8.3 6.2 9.2
97 5.5 0.0 0.0#

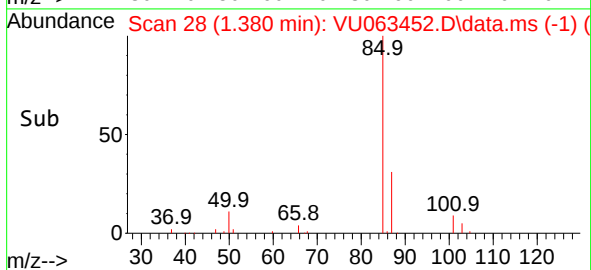
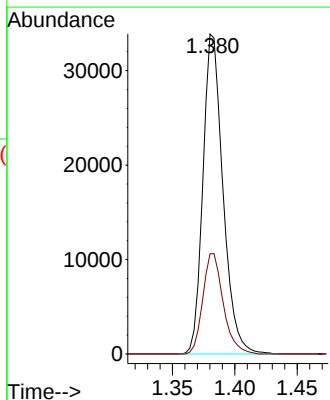
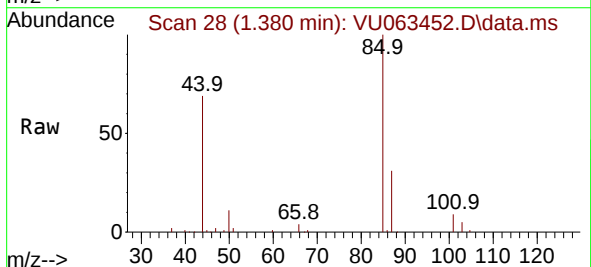
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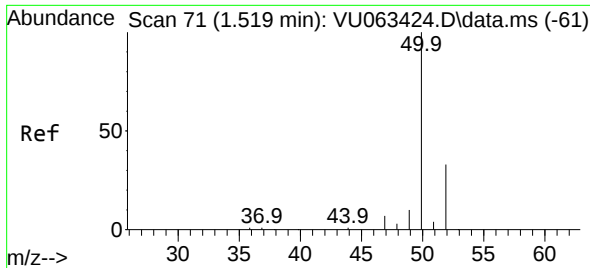
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#2
Dichlorodifluoromethane
Concen: 1.979 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

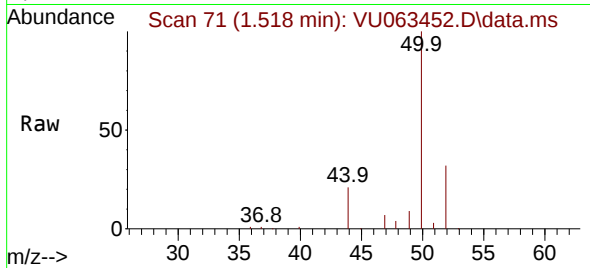
Tgt Ion: 85 Resp: 37939
Ion Ratio Lower Upper
85 100
87 31.3 16.2 48.5





#3
Chloromethane
Concen: 1.647 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

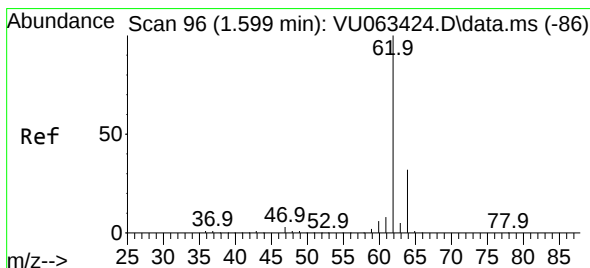
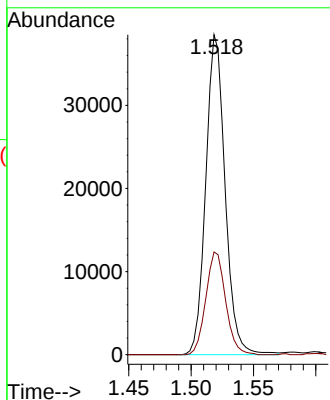
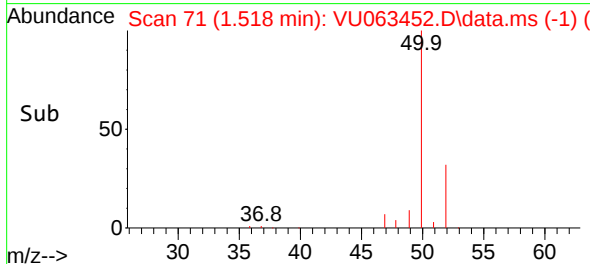
Instrument :
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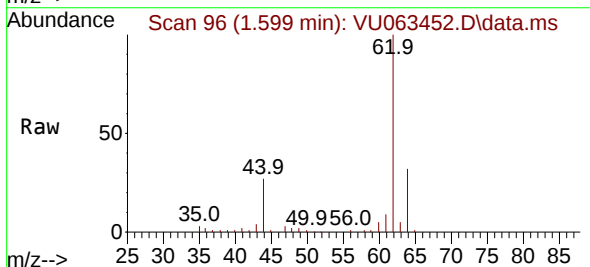
Tgt Ion: 50 Resp: 41594
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0

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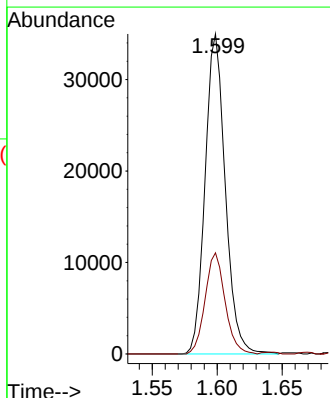
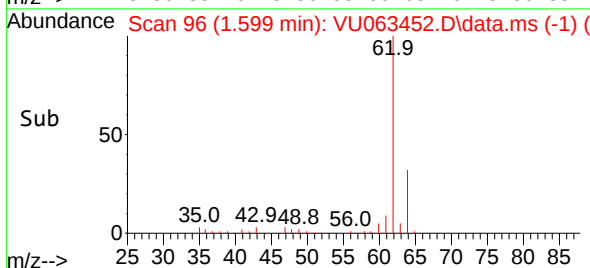
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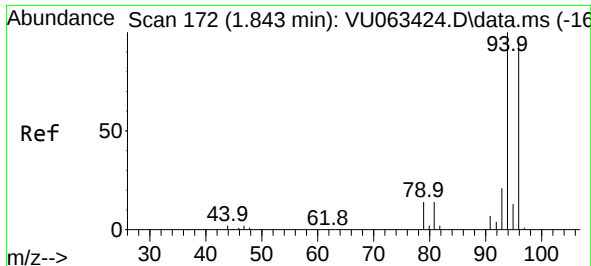


#4
Vinyl Chloride
Concen: 1.748 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27



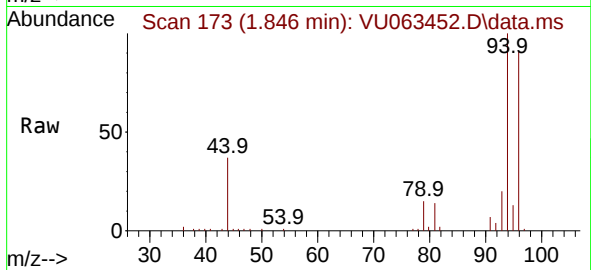
Tgt Ion: 62 Resp: 37795
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5





#5
Bromomethane
Concen: 2.584 ug/l
RT: 1.846 min Scan# 172
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

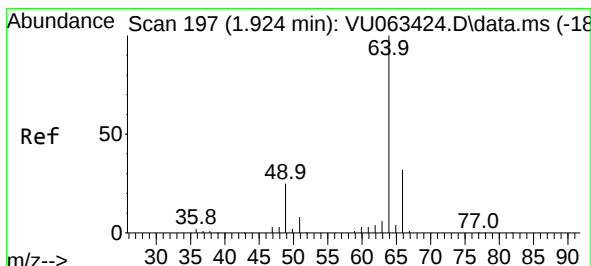
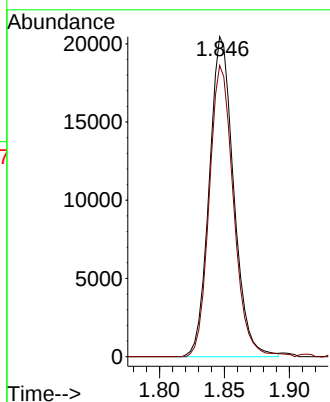
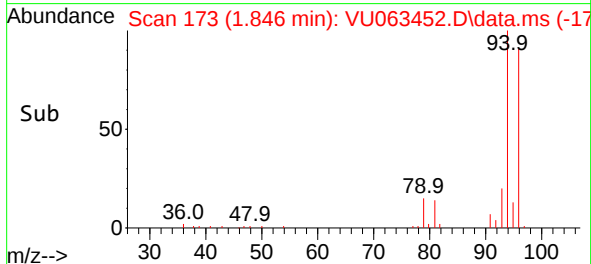
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 94 Resp: 26760
Ion Ratio Lower Upper
94 100
96 91.0 74.8 112.2

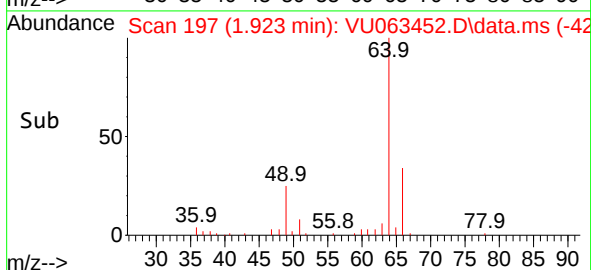
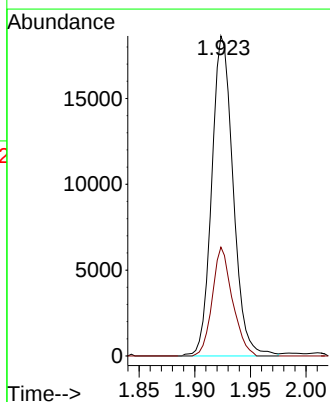
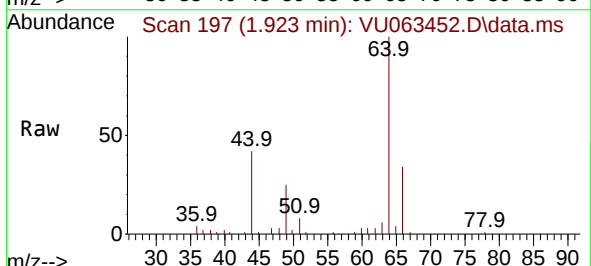
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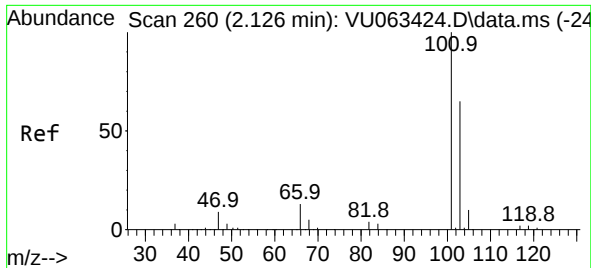
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#6
Chloroethane
Concen: 1.947 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

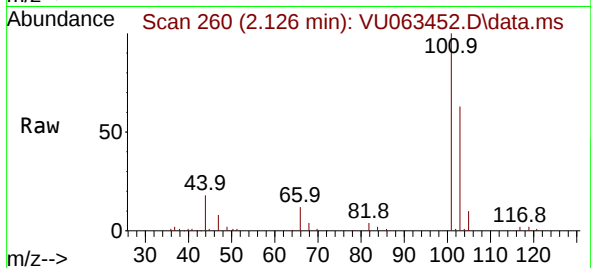
Tgt Ion: 64 Resp: 24932
Ion Ratio Lower Upper
64 100
66 34.0 25.7 38.5





#7
Trichlorofluoromethane
Concen: 2.023 ug/l
RT: 2.126 min Scan# 260
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

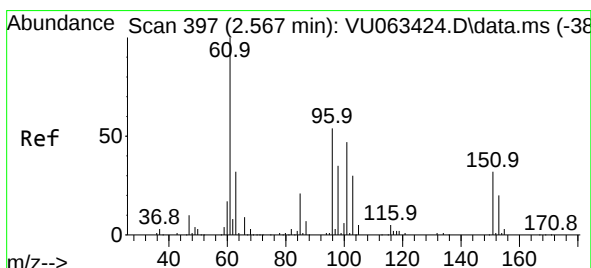
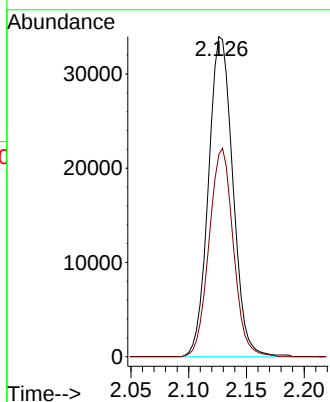
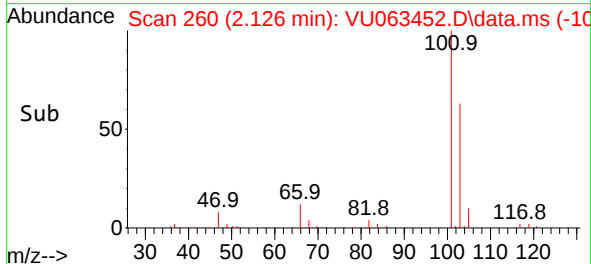
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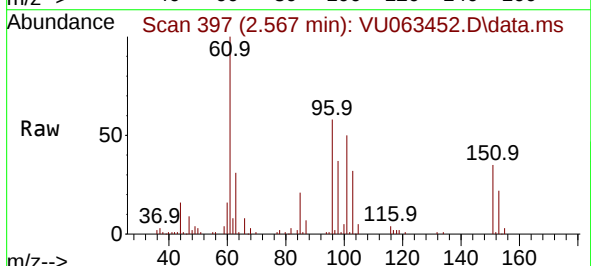
Tgt Ion:101 Resp: 49880
Ion Ratio Lower Upper
101 100
103 63.2 52.3 78.5

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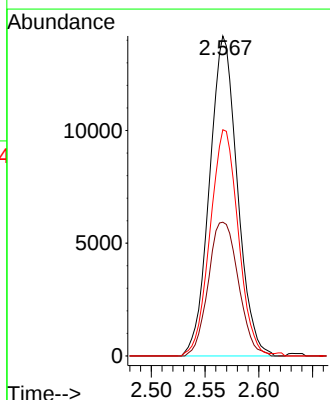
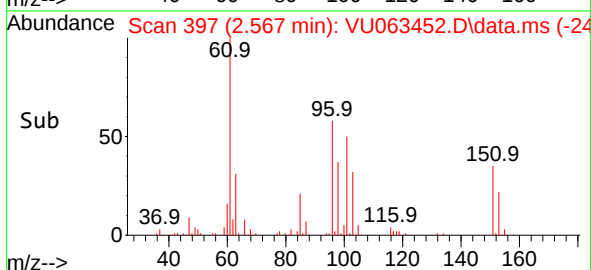
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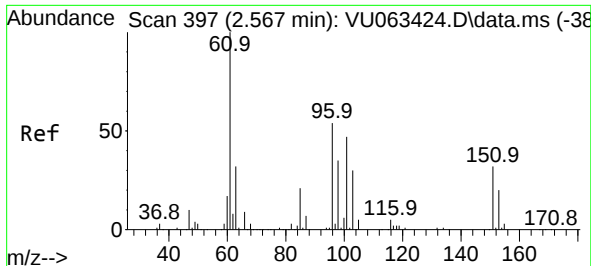


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.942 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063452.D
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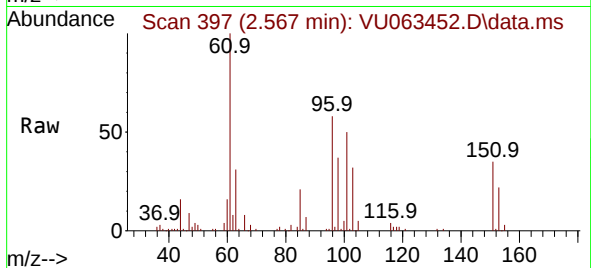
Tgt Ion:101 Resp: 25503
Ion Ratio Lower Upper
101 100
85 45.2 36.7 55.1
151 70.7 53.9 80.9





#9
1,1-Dichloroethene
Concen: 2.069 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

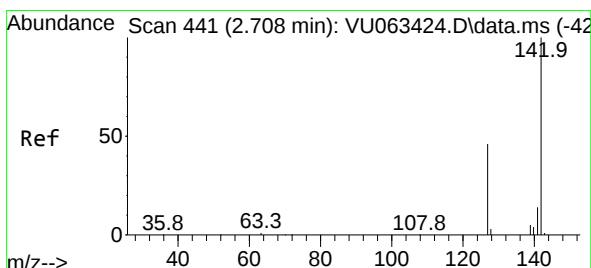
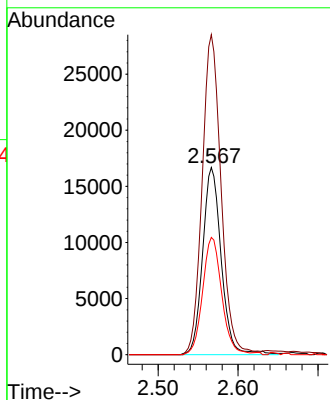
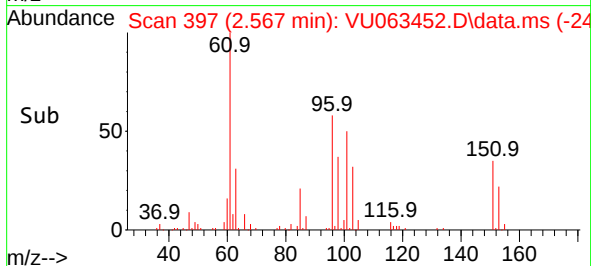
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



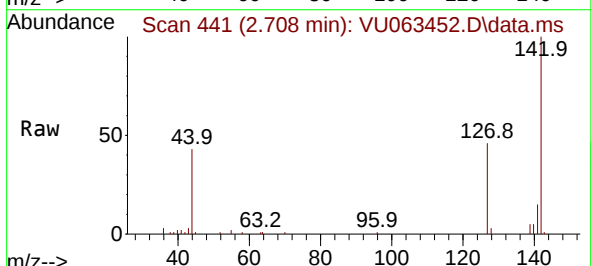
Tgt Ion: 96 Resp: 27110
Ion Ratio Lower Upper
96 100
61 171.0 0.0 552.0
98 62.7 0.0 128.4

Manual Integrations
APPROVED

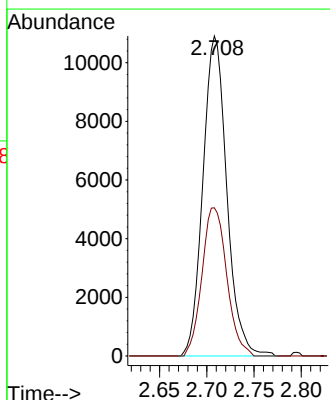
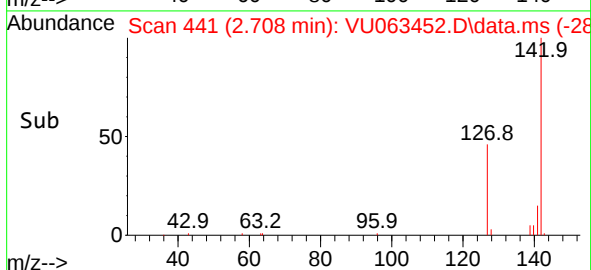
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

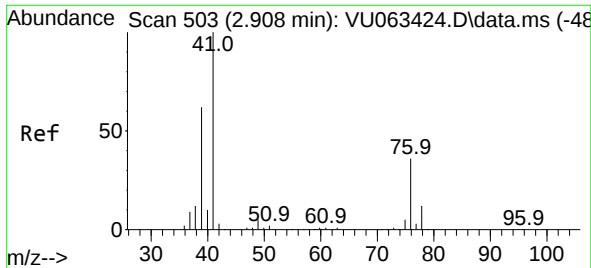


#10
Iodomethane
Concen: 1.812 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27



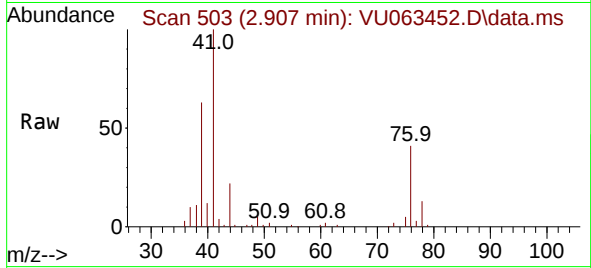
Tgt Ion:142 Resp: 19162
Ion Ratio Lower Upper
142 100
127 48.1 36.9 55.3





#11
 Allyl Chloride
 Concen: 1.782 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.001 min
 Lab File: VU063452.D
 Acq: 25 Jun 2025 11:27

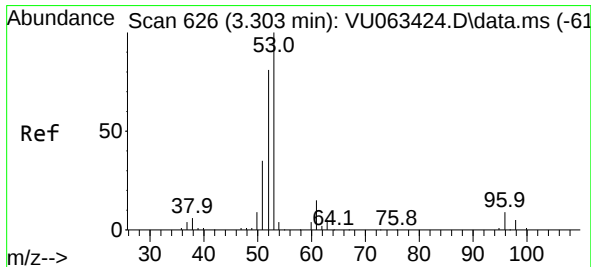
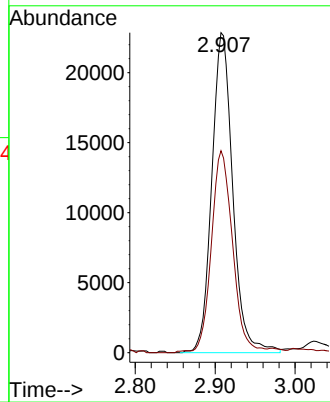
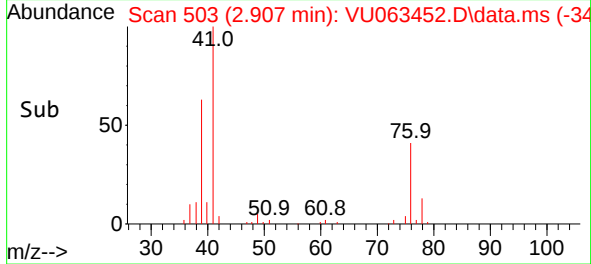
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625WBSD01



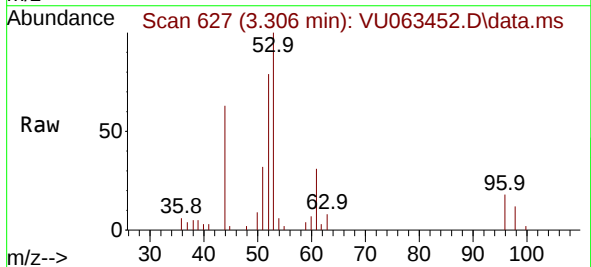
Tgt Ion: 41 Resp: 41589
 Ion Ratio Lower Upper
 41 100
 39 61.9 50.3 75.5

Manual Integrations
 APPROVED

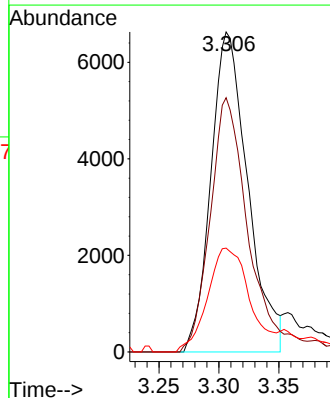
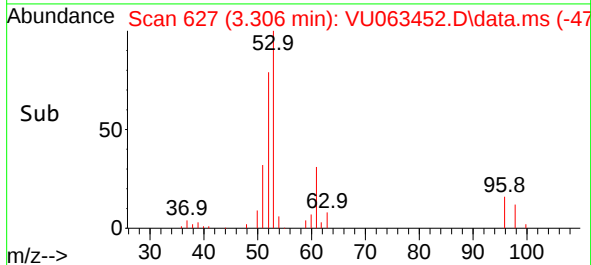
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

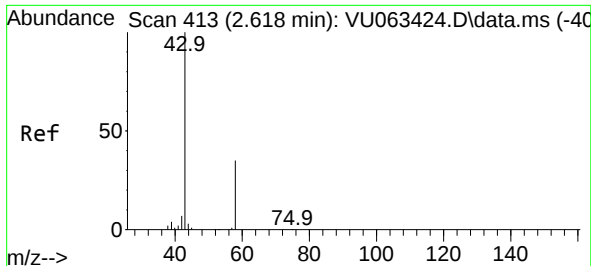


#12
 Acrylonitrile
 Concen: 3.745 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063452.D
 Acq: 25 Jun 2025 11:27



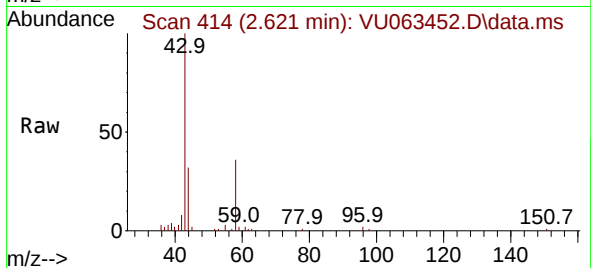
Tgt Ion: 53 Resp: 14179
 Ion Ratio Lower Upper
 53 100
 52 81.9 62.8 94.2
 51 37.0 26.2 39.4





#13
Acetone
Concen: 7.532 ug/l
RT: 2.621 min Scan# 413
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

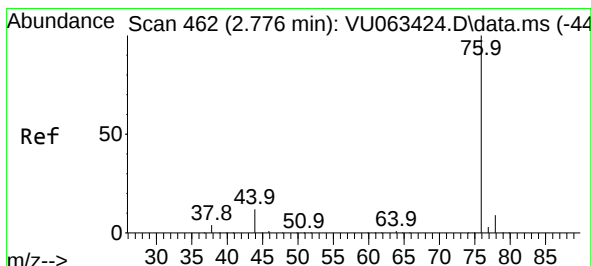
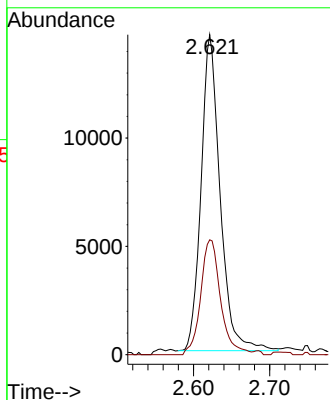
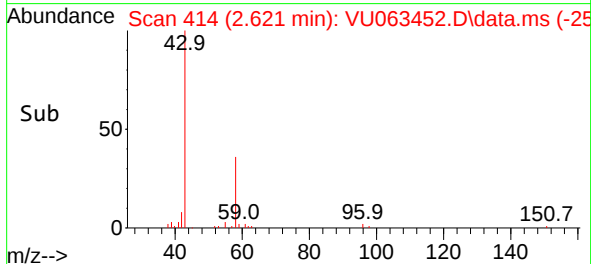
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



Tgt Ion: 43 Resp: 2543
Ion Ratio Lower Upper
43 100
58 36.4 28.3 42.5

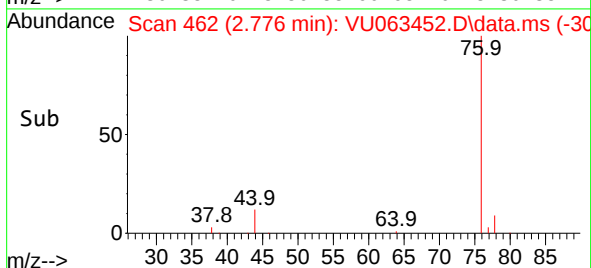
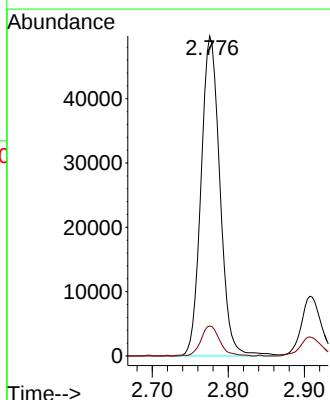
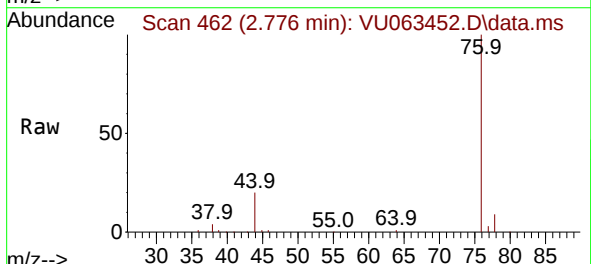
Manual Integrations
APPROVED

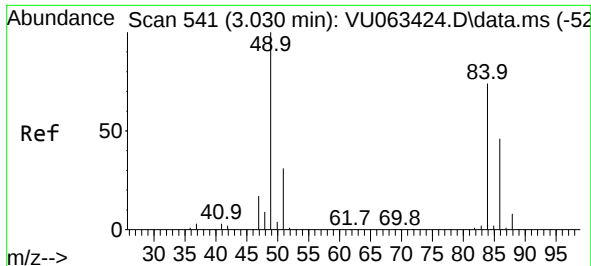
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#14
Carbon Disulfide
Concen: 1.881 ug/l
RT: 2.776 min Scan# 462
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

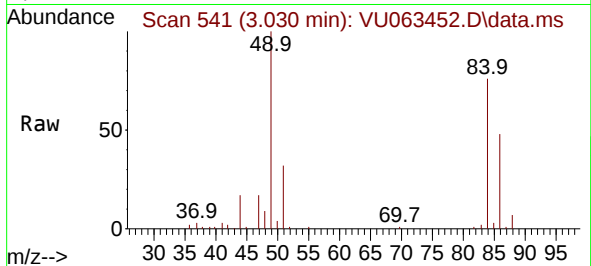
Tgt Ion: 76 Resp: 85955
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3





#15
Methylene Chloride
Concen: 2.035 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

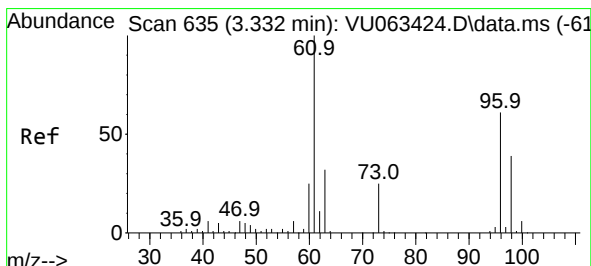
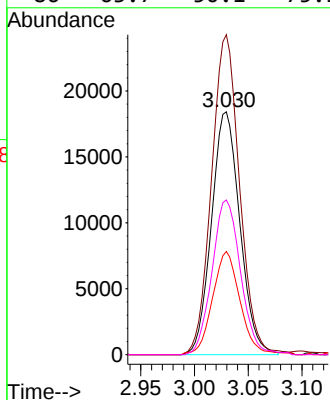
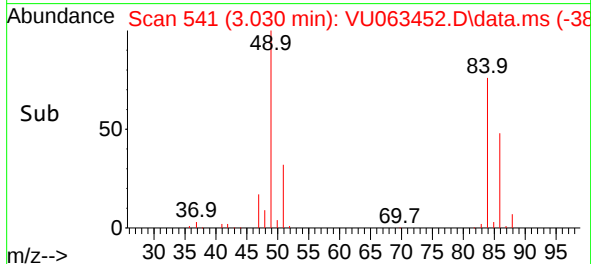
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



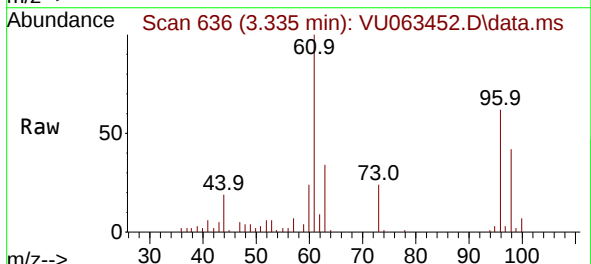
Tgt Ion: 84 Resp: 3380
Ion Ratio Lower Upper
84 100
49 131.7 108.7 163.1
51 42.5 0.0 83.8
86 63.7 50.1 75.1

Manual Integrations
APPROVED

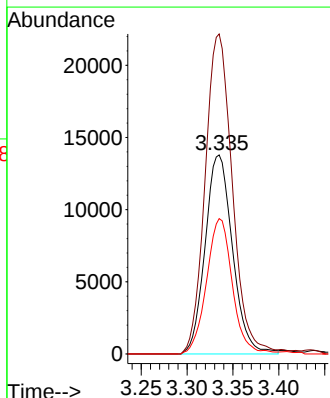
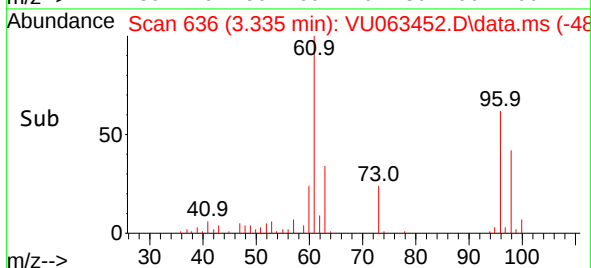
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

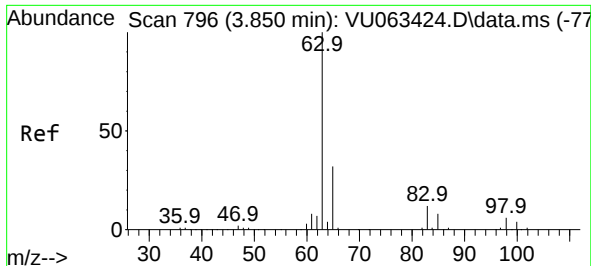


#16
trans-1,2-Dichloroethene
Concen: 1.944 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27



Tgt Ion: 96 Resp: 28662
Ion Ratio Lower Upper
96 100
61 160.8 132.1 198.1
98 68.1 51.0 76.4





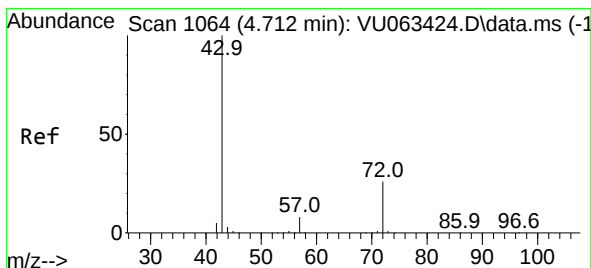
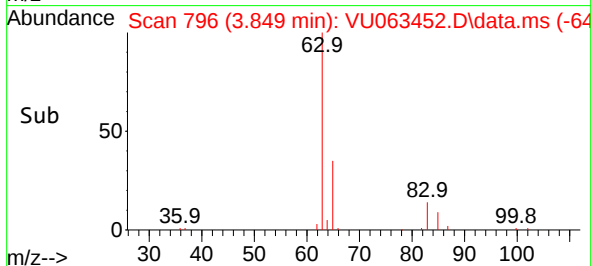
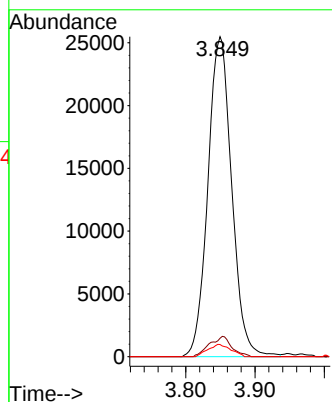
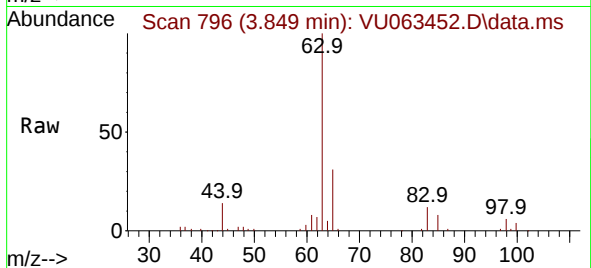
#17
1,1-Dichloroethane
Concen: 1.964 ug/l
RT: 3.849 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Tgt Ion: 63 Resp: 6079
Ion Ratio Lower Upper
63 100
98 5.7 2.8 8.4
100 3.8 1.9 5.7

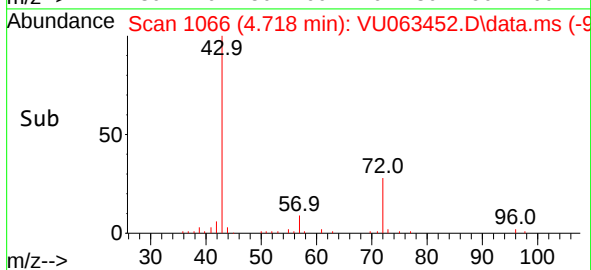
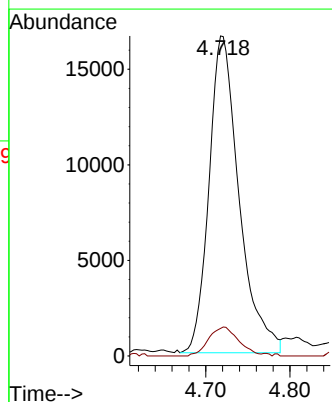
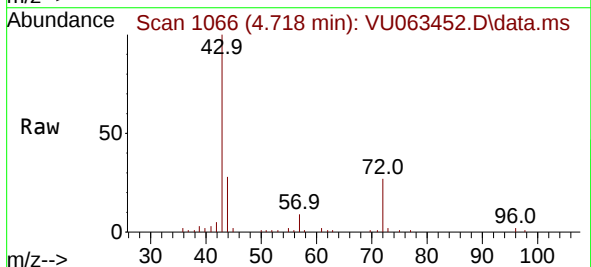
Manual Integrations
APPROVED

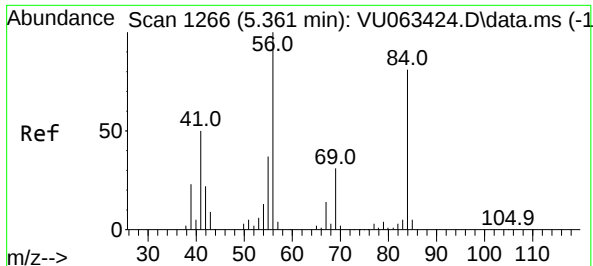
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#18
2-Butanone
Concen: 7.784 ug/l
RT: 4.718 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Tgt Ion: 43 Resp: 41128
Ion Ratio Lower Upper
43 100
57 8.7 0.0 16.0





#19

Cyclohexane

Concen: 2.025 ug/l

RT: 5.354 min Scan# 1266

Delta R.T. -0.007 min

Lab File: VU063452.D

Acq: 25 Jun 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

VU0625WBSD01

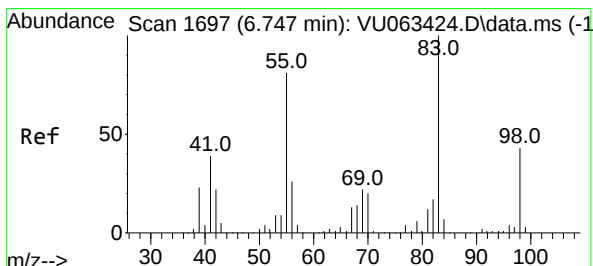
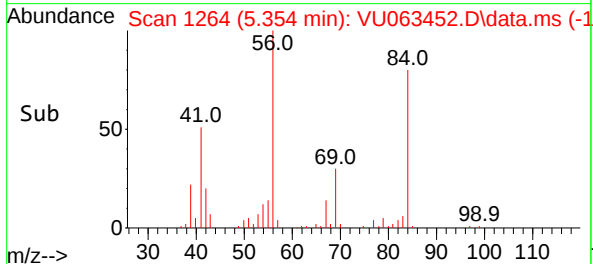
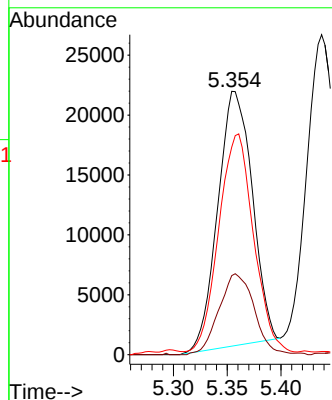
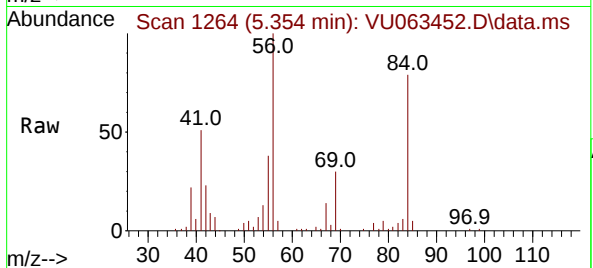
Tgt Ion: 56 Resp: 47425

Ion	Ratio	Lower	Upper
56	100		
69	31.6	26.4	39.6
84	85.9	68.6	102.8

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 1.790 ug/l

RT: 6.746 min Scan# 1697

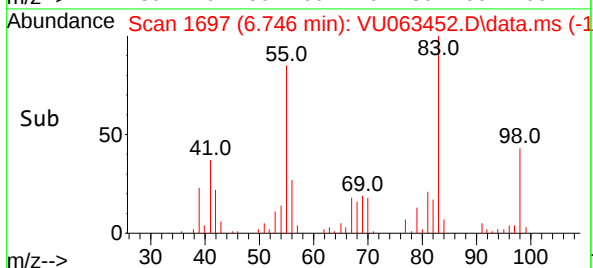
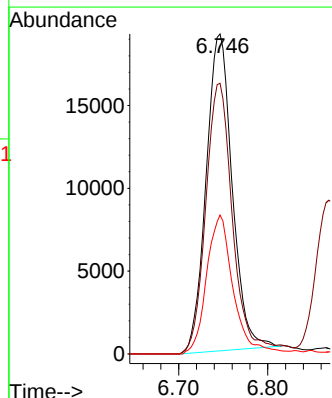
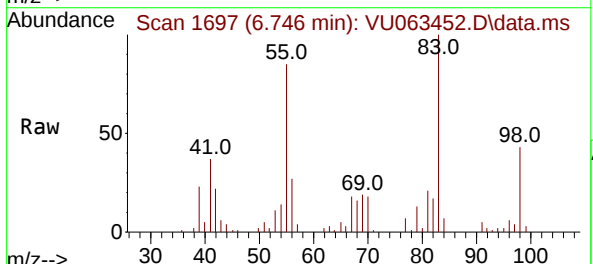
Delta R.T. -0.000 min

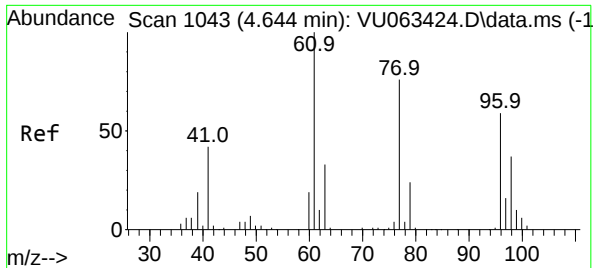
Lab File: VU063452.D

Acq: 25 Jun 2025 11:27

Tgt Ion: 83 Resp: 38928

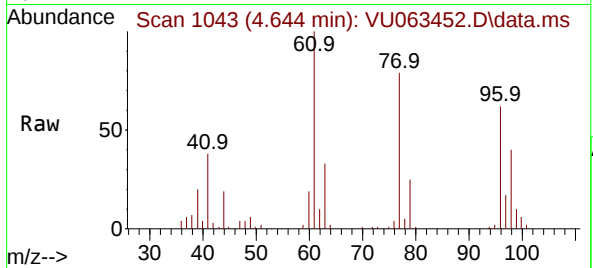
Ion	Ratio	Lower	Upper
83	100		
55	83.6	63.5	95.3
98	43.2	34.2	51.4





#21
2,2-Dichloropropane
Concen: 1.837 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

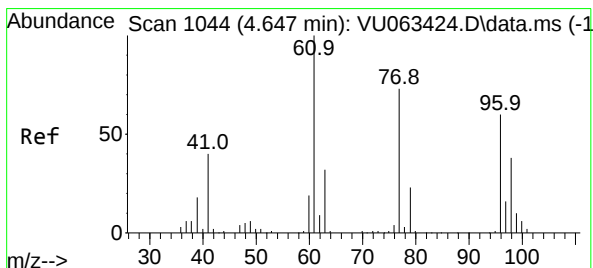
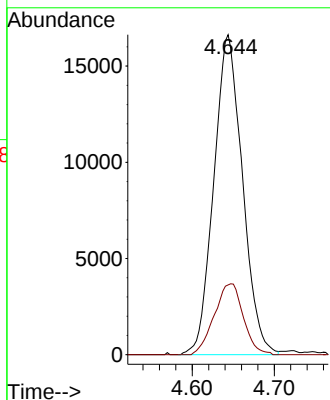
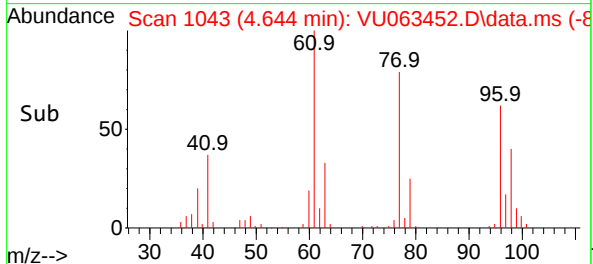
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



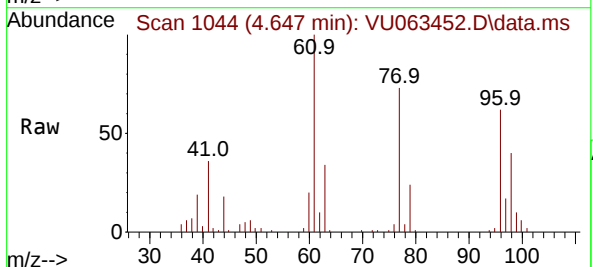
Tgt Ion: 77 Resp: 40420
Ion Ratio Lower Upper
77 100
97 22.5 17.2 25.8

Manual Integrations
APPROVED

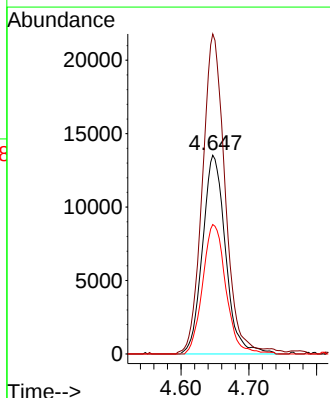
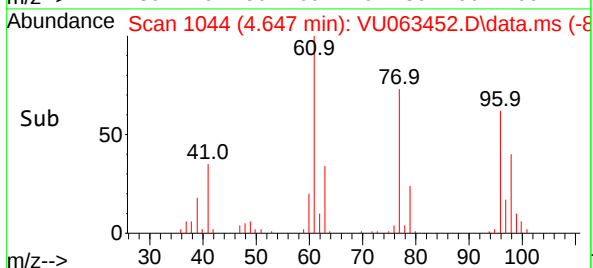
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

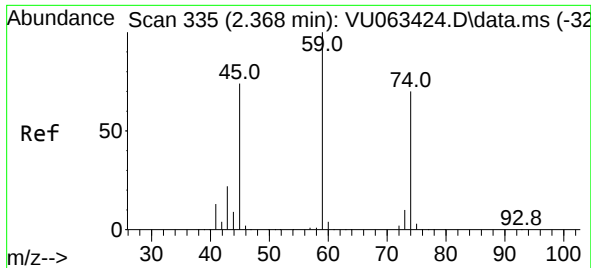


#22
cis-1,2-Dichloroethene
Concen: 1.981 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27



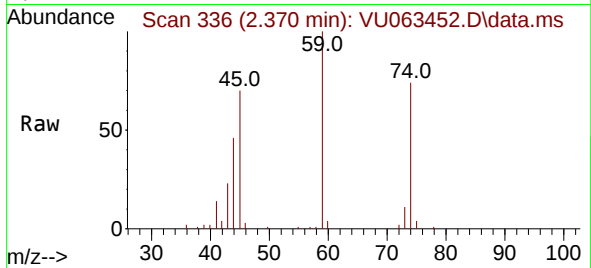
Tgt Ion: 96 Resp: 31884
Ion Ratio Lower Upper
96 100
61 158.4 0.0 434.3
98 65.4 31.9 95.7





#23
Diethyl Ether
Concen: 1.916 ug/l
RT: 2.370 min Scan# 335
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

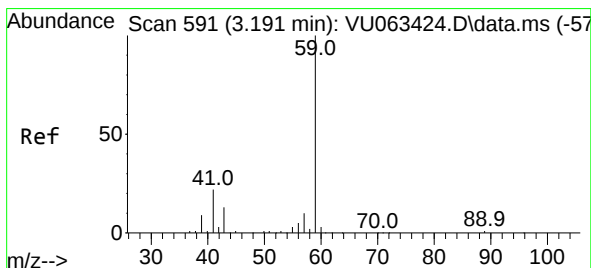
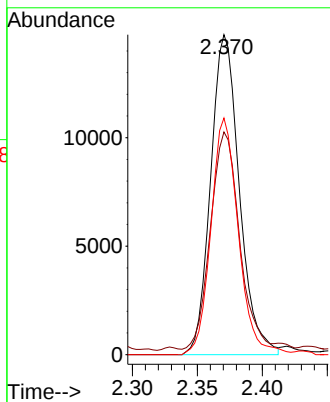
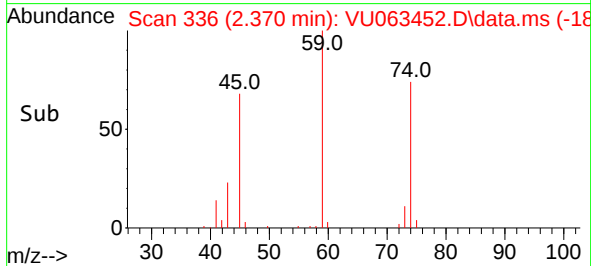
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



Tgt Ion: 59 Resp: 22658
Ion Ratio Lower Upper
59 100
45 68.4 60.7 91.1
74 70.5 55.8 83.6

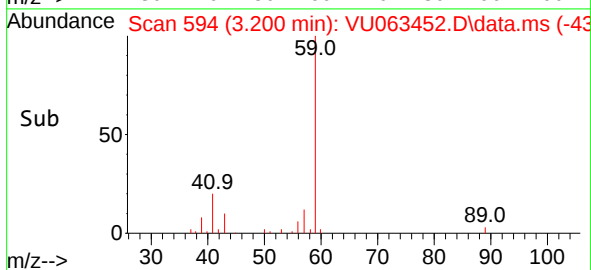
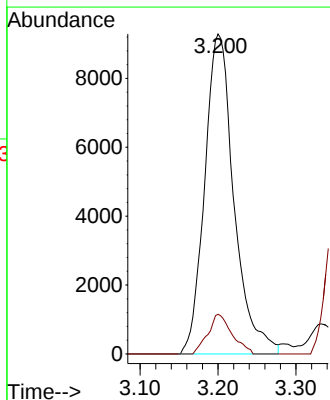
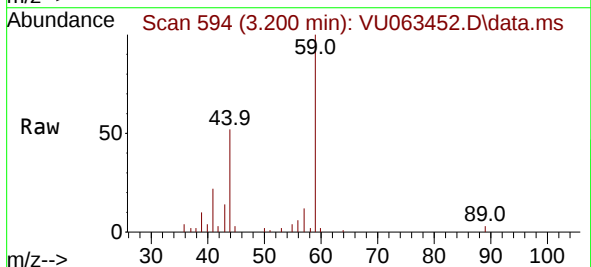
Manual Integrations
APPROVED

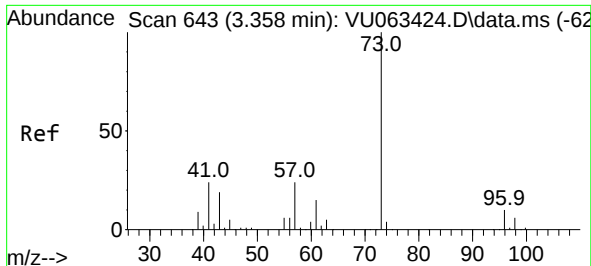
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#24
tert-Butyl Alcohol
Concen: 19.470 ug/l
RT: 3.200 min Scan# 594
Delta R.T. 0.009 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Tgt Ion: 59 Resp: 24251
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8





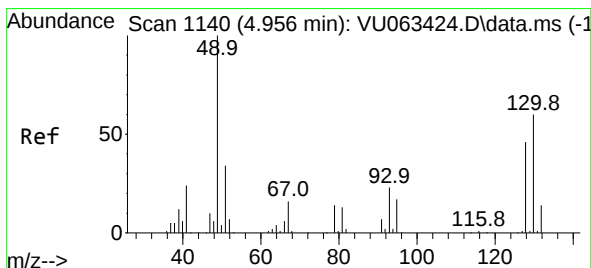
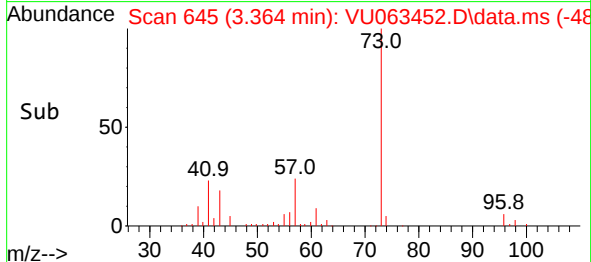
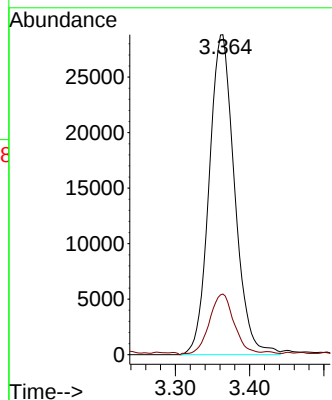
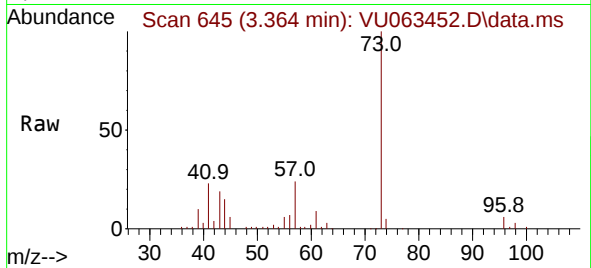
#25
Methyl tert-Butyl Ether
Concen: 1.924 ug/l
RT: 3.364 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Tgt Ion: 73 Resp: 6858
Ion Ratio Lower Upper
73 100
43 18.6 15.1 22.7

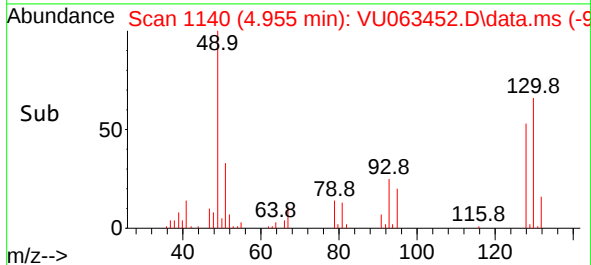
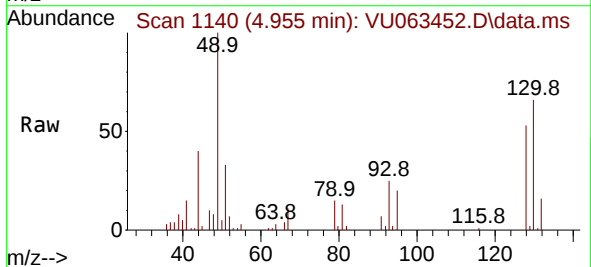
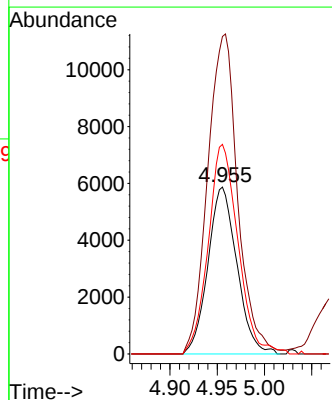
Manual Integrations
APPROVED

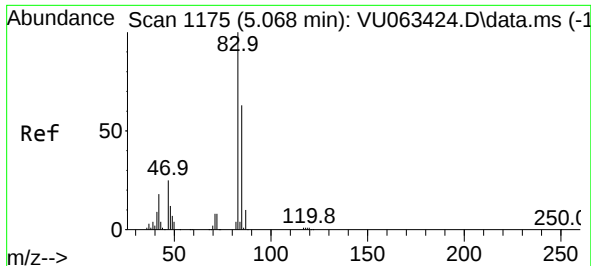
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#26
Bromochloromethane
Concen: 1.997 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Tgt Ion:128 Resp: 12511
Ion Ratio Lower Upper
128 100
49 198.5 0.0 441.2
130 129.2 102.3 153.5





#27

Chloroform

Concen: 1.941 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063452.D

Acq: 25 Jun 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

VU0625WBSD01

Tgt Ion: 83 Resp: 56324

Ion Ratio Lower Upper

83 100

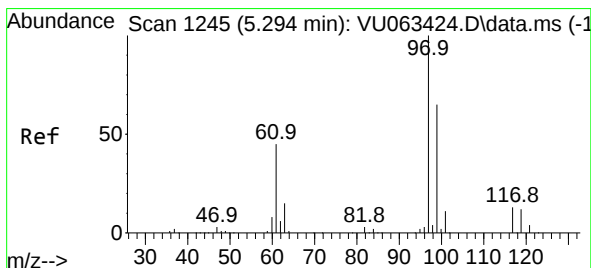
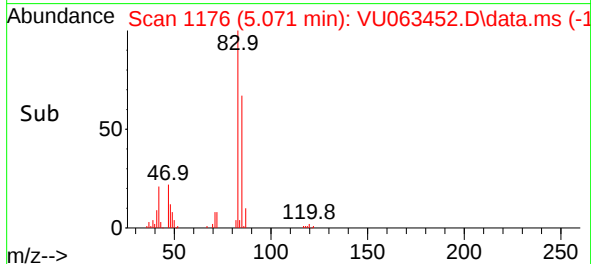
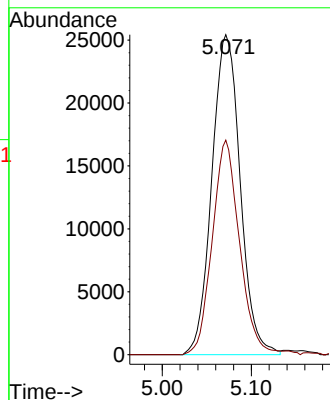
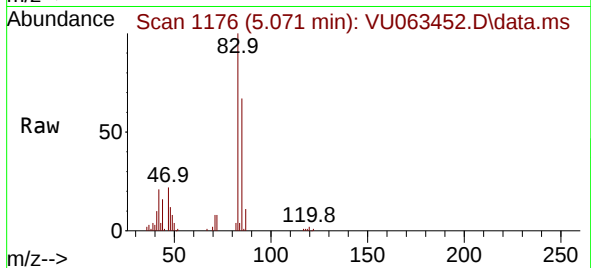
85 67.1 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#28

1,1,1-Trichloroethane

Concen: 1.978 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063452.D

Acq: 25 Jun 2025 11:27

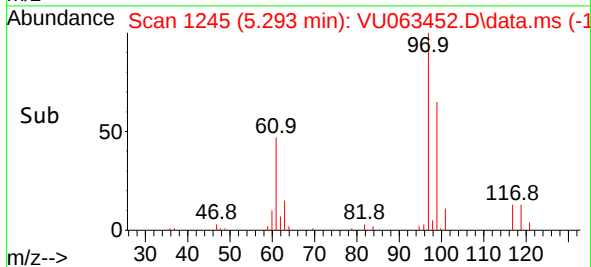
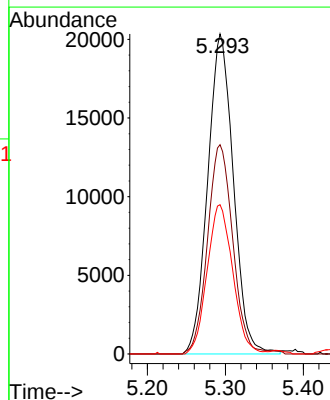
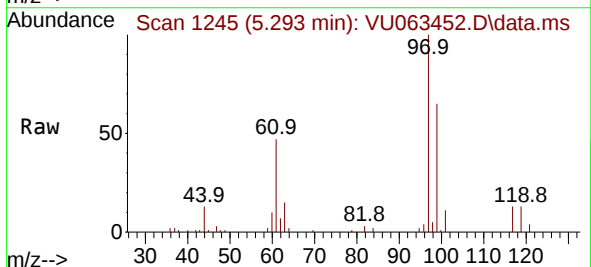
Tgt Ion: 97 Resp: 46560

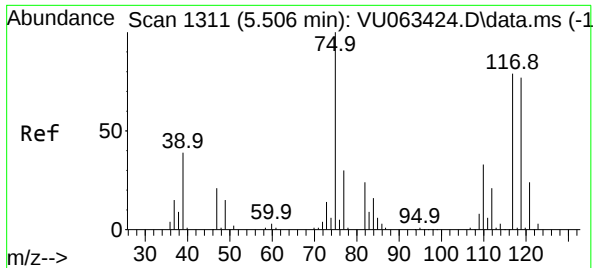
Ion Ratio Lower Upper

97 100

99 64.8 31.9 95.5

61 46.7 22.9 68.7





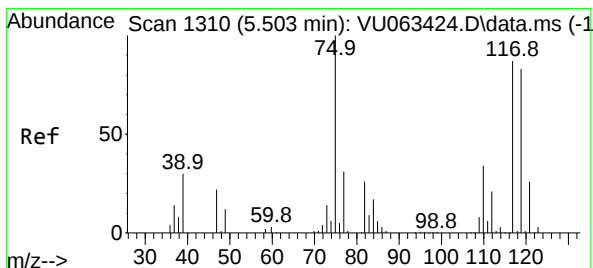
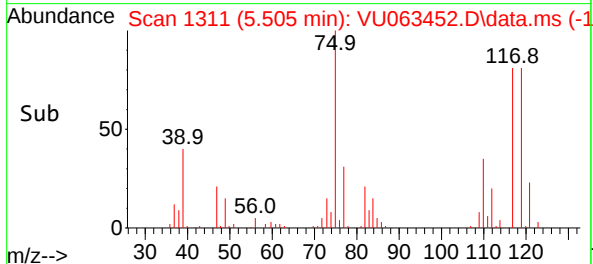
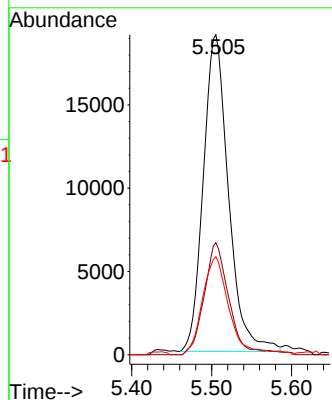
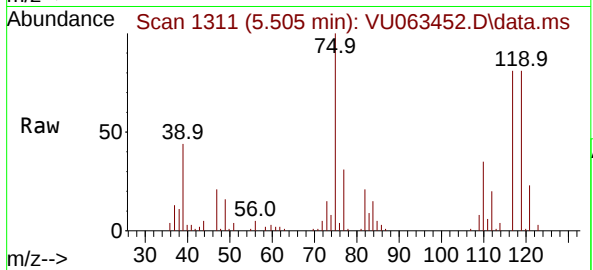
#29
1,1-Dichloropropene
Concen: 1.939 ug/l
RT: 5.505 min Scan# 1109
Delta R.T. -0.001 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Tgt Ion: 75 Resp: 4168
Ion Ratio Lower Upper
75 100
110 34.1 17.4 52.2
77 32.1 25.4 38.0

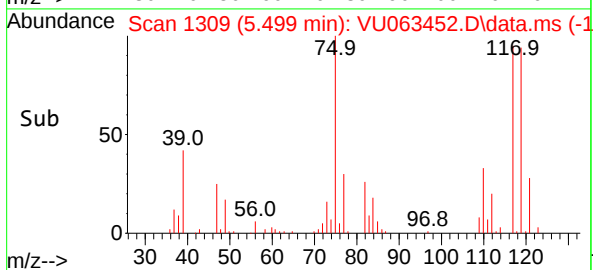
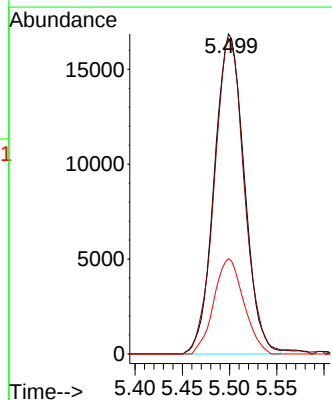
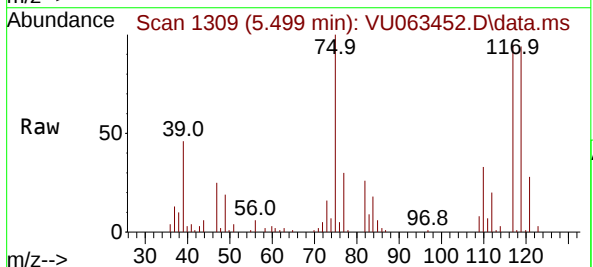
Manual Integrations
APPROVED

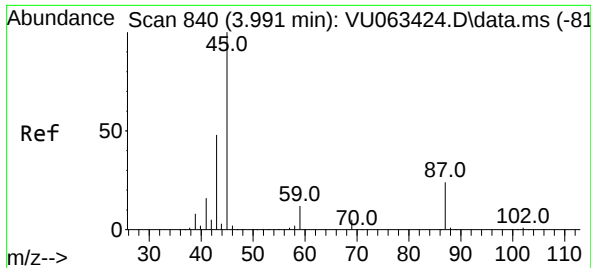
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#30
Carbon Tetrachloride
Concen: 1.977 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

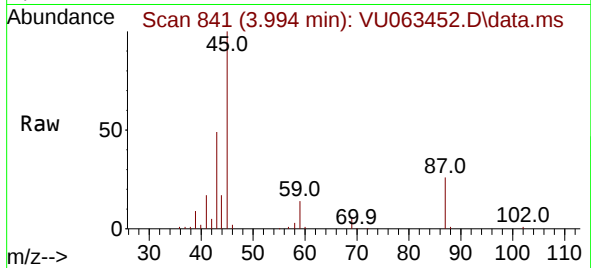
Tgt Ion:117 Resp: 37164
Ion Ratio Lower Upper
117 100
119 98.5 76.7 115.1
121 29.7 24.3 36.5





#31
Isopropyl Ether
Concen: 1.786 ug/l
RT: 3.994 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

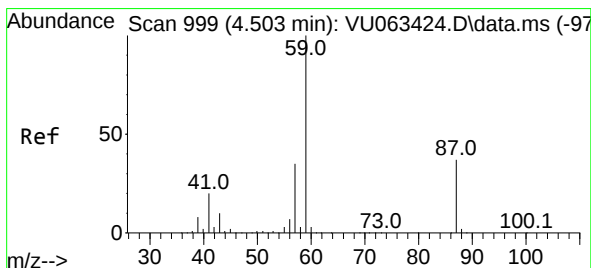
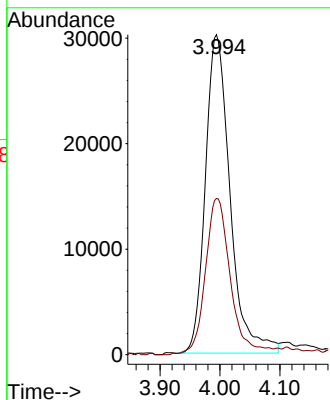
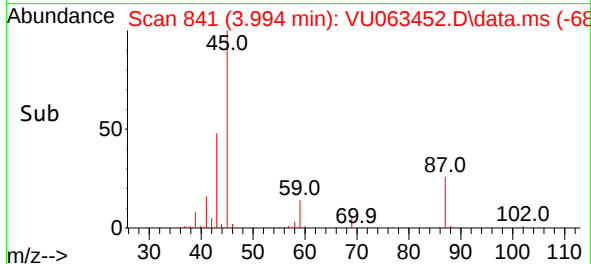
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



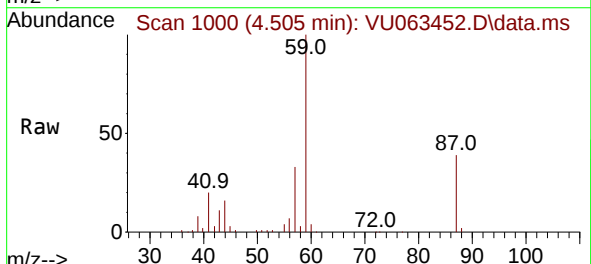
Tgt Ion: 45 Resp: 86389
Ion Ratio Lower Upper
45 100
43 48.5 23.8 71.5

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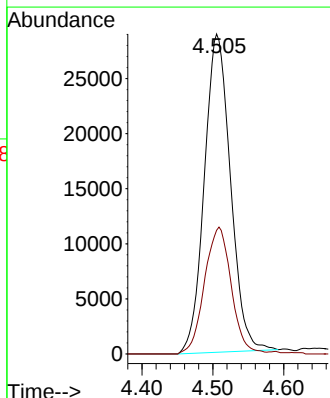
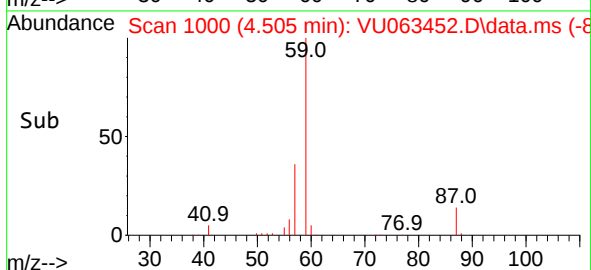
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

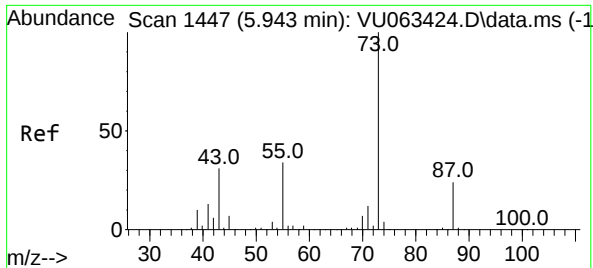


#32
Ethyl-t-butyl ether
Concen: 1.805 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27



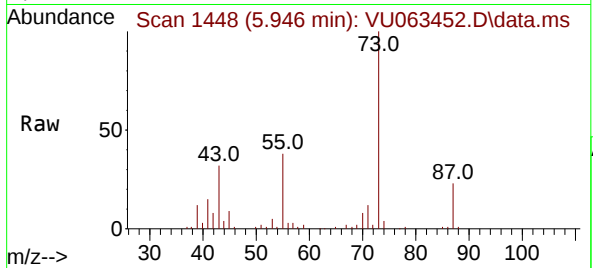
Tgt Ion: 59 Resp: 73977
Ion Ratio Lower Upper
59 100
87 40.0 29.9 44.9





#33
Tert-Amyl methyl ether
Concen: 1.914 ug/l
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

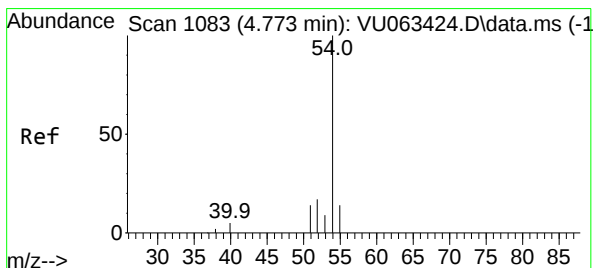
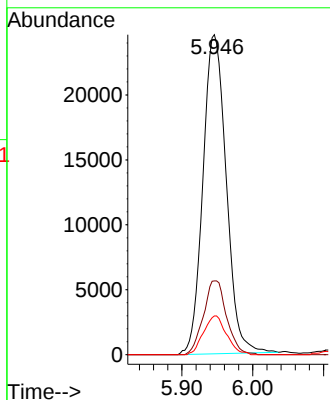
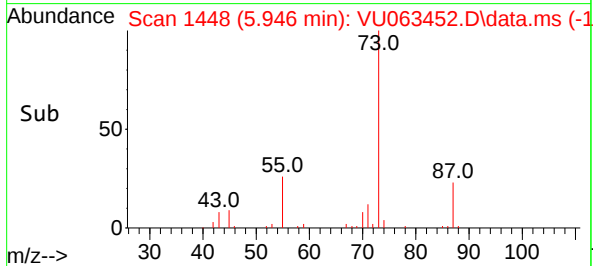
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



Tgt Ion: 73 Resp: 56172
Ion Ratio Lower Upper
73 100
87 23.0 18.1 27.1
71 12.0 10.0 15.0

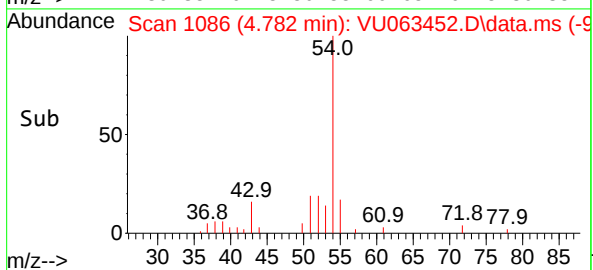
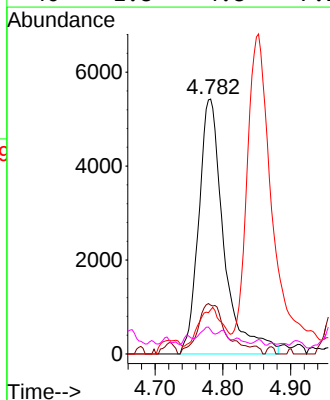
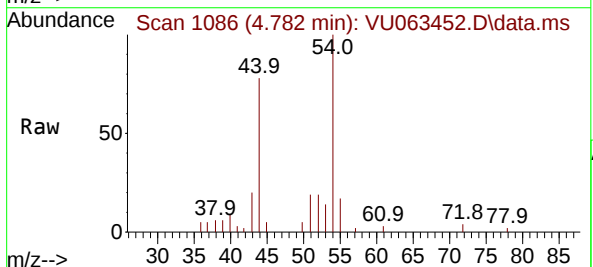
Manual Integrations
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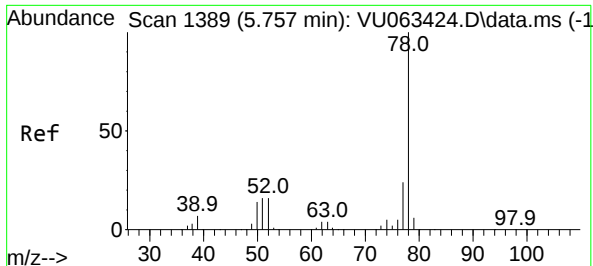
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#34
Propionitrile
Concen: 9.141 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. 0.009 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Tgt Ion: 54 Resp: 13971
Ion Ratio Lower Upper
54 100
52 21.6 14.8 22.2
55 13.6 12.2 18.2
40 1.8 4.8 7.2#





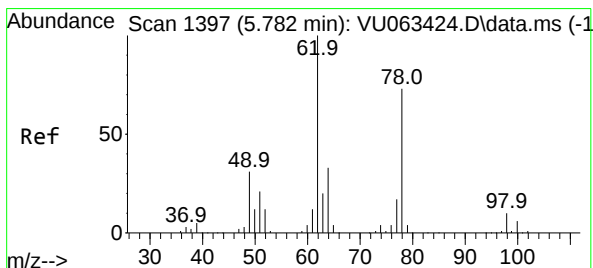
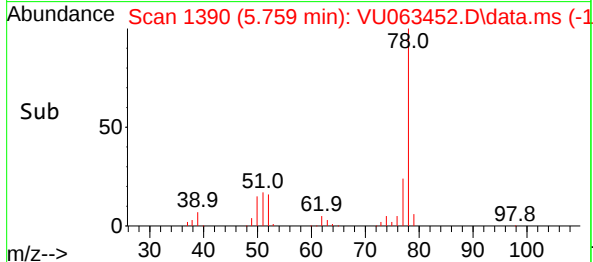
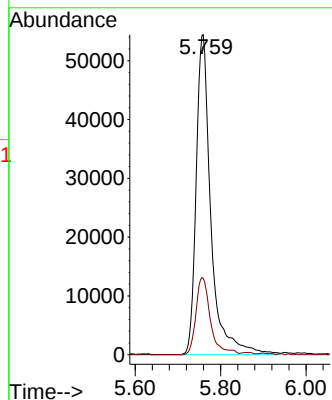
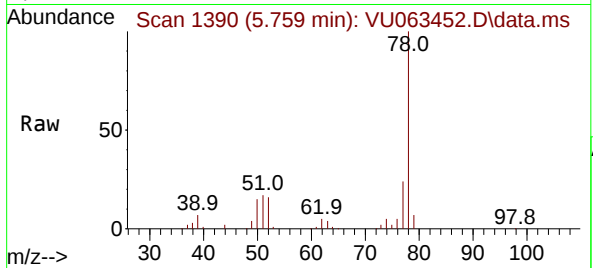
#35
Benzene
Concen: 2.011 ug/l
RT: 5.759 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Tgt Ion: 78 Resp: 13076
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.2

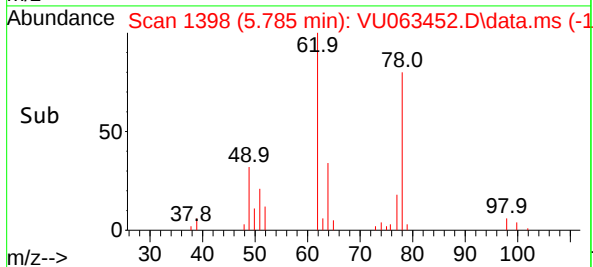
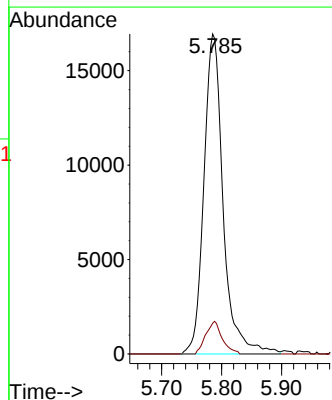
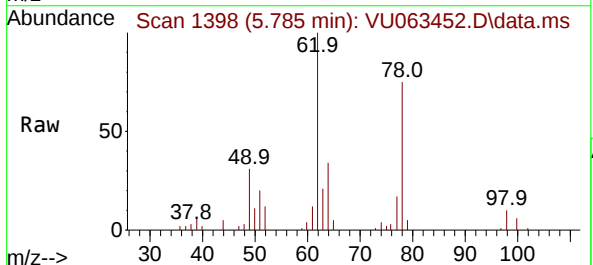
Manual Integrations
APPROVED

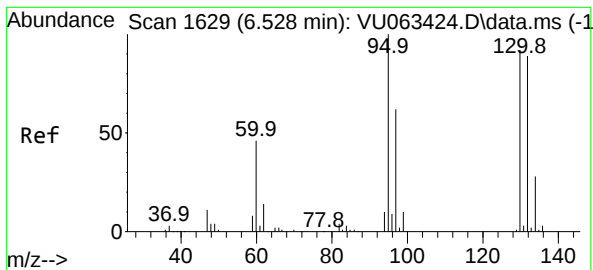
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#36
1,2-Dichloroethane
Concen: 1.993 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Tgt Ion: 62 Resp: 37884
Ion Ratio Lower Upper
62 100
98 8.7 7.1 10.7





#37
Trichloroethene
Concen: 1.892 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

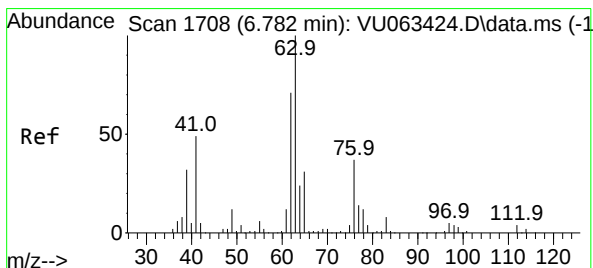
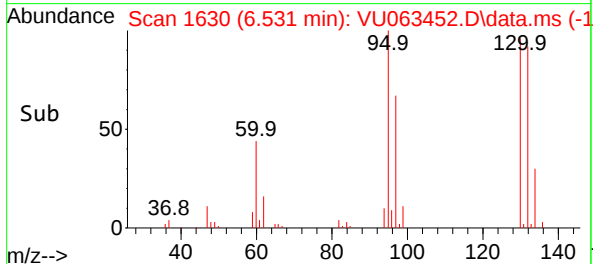
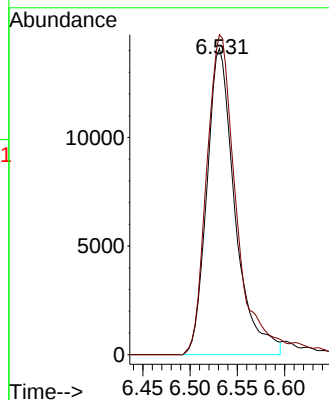
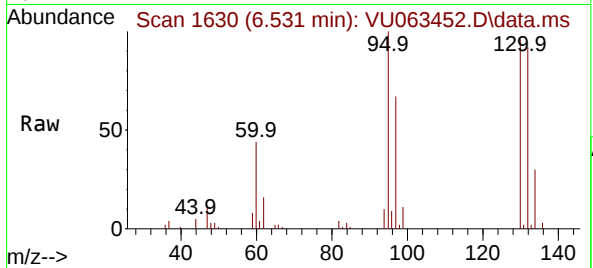
VU0625WBSD01

Tgt Ion:130 Resp: 29070
Ion Ratio Lower Upper
130 100
95 104.5 87.2 130.8

Manual Integrations

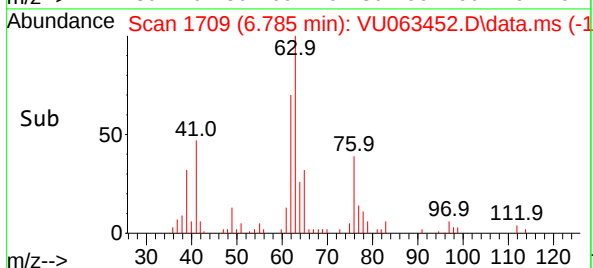
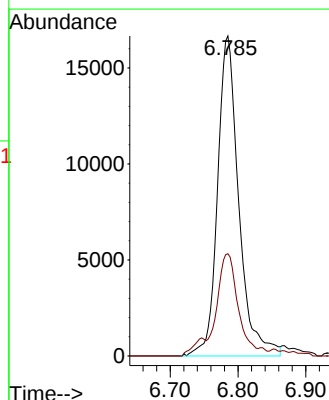
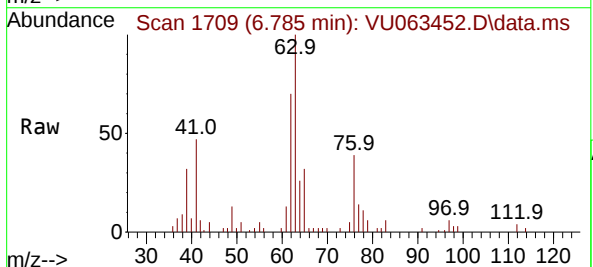
APPROVED

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



#38
1,2-Dichloropropane
Concen: 2.016 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Tgt Ion: 63 Resp: 36214
Ion Ratio Lower Upper
63 100
65 31.9 25.0 37.6





#39

Methacrylonitrile

Concen: 1.683 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.009 min

Lab File: VU063452.D

Acq: 25 Jun 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

VU0625WBSD01

Tgt Ion: 41 Resp: 10704

Ion Ratio Lower Upper

41 100

67 78.3 59.8 89.8

39 55.4 40.7 61.1

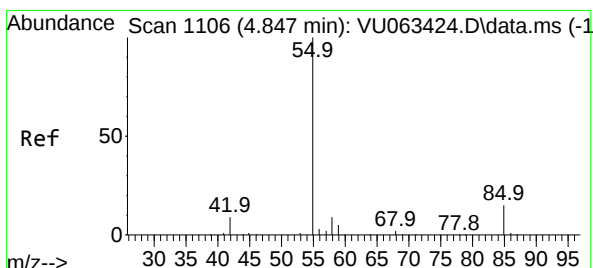
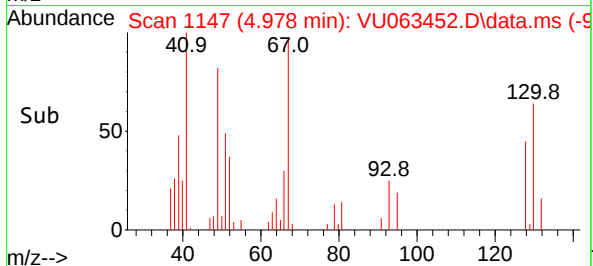
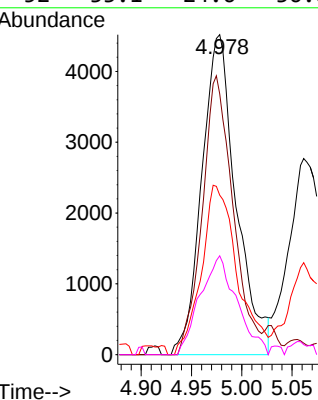
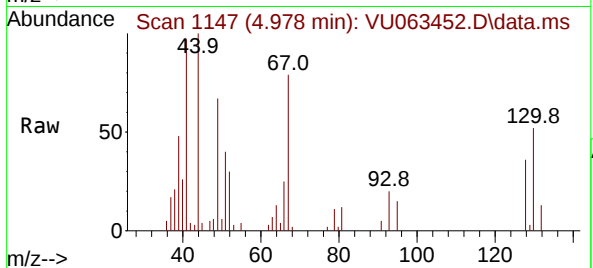
52 33.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#40

Methyl acrylate

Concen: 1.799 ug/l

RT: 4.853 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VU063452.D

Acq: 25 Jun 2025 11:27

Tgt Ion: 55 Resp: 16065

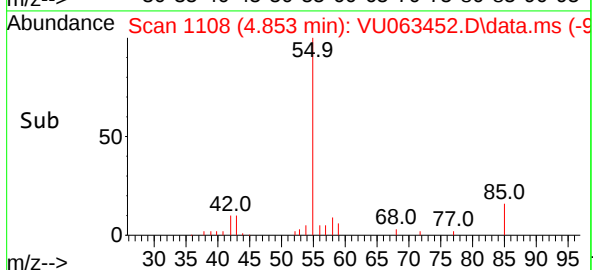
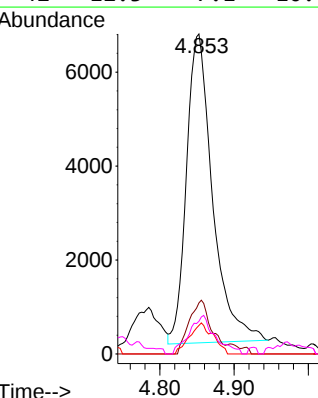
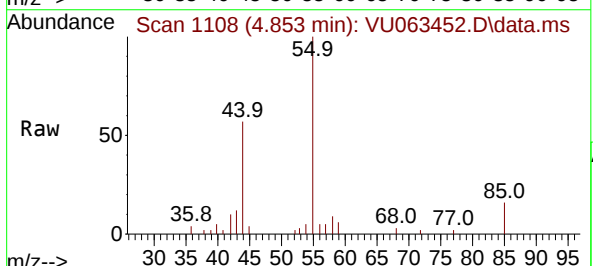
Ion Ratio Lower Upper

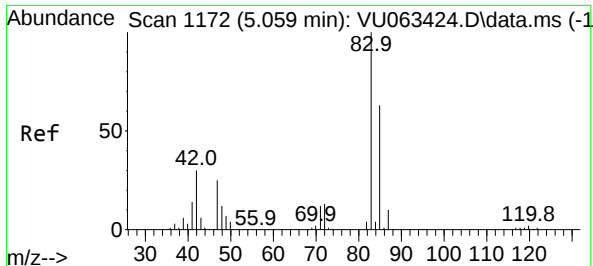
55 100

85 14.7 12.6 19.0

58 9.0 6.9 10.3

42 12.3 7.1 10.7#





#41

Tetrahydrofuran

Concen: 3.555 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.009 min

Lab File: VU063452.D

Acq: 25 Jun 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

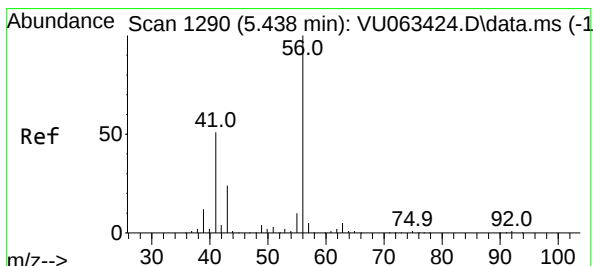
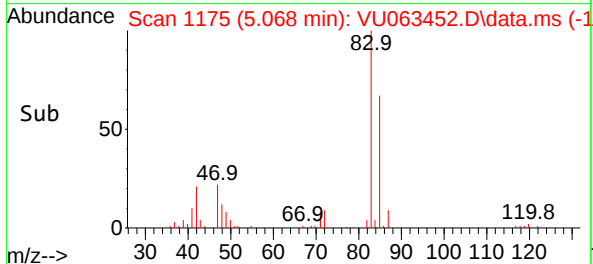
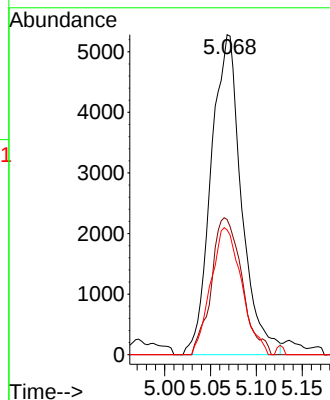
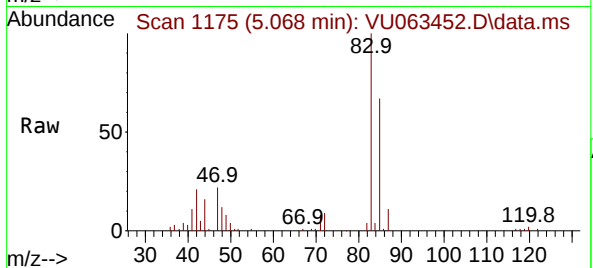
VU0625WBSD01

Tgt Ion:	42	Resp:	1216
Ion Ratio	Lower	Upper	
42	100		
72	43.0	35.4	53.2
71	40.2	31.4	47.0

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 1.875 ug/l

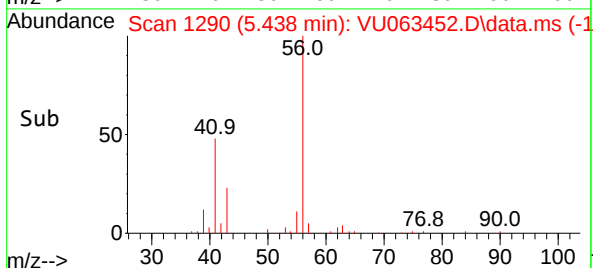
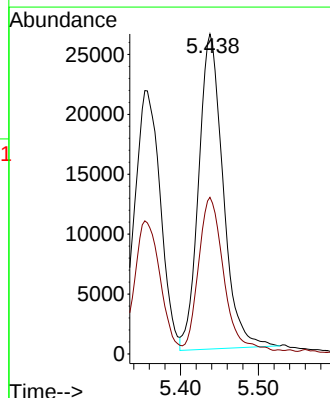
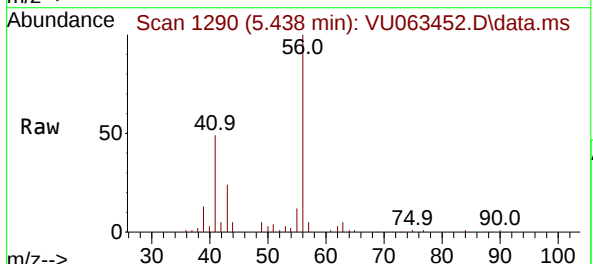
RT: 5.438 min Scan# 1290

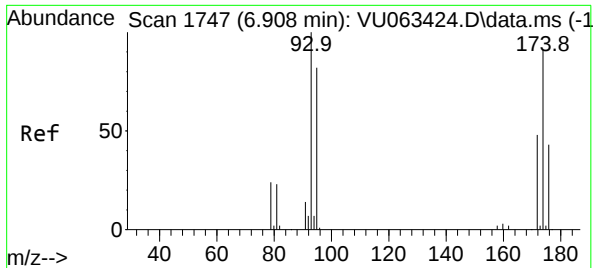
Delta R.T. -0.000 min

Lab File: VU063452.D

Acq: 25 Jun 2025 11:27

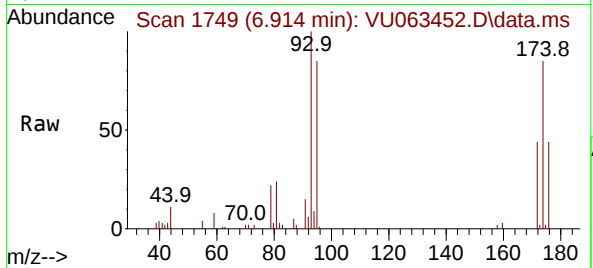
Tgt Ion:	56	Resp:	57186
Ion Ratio	Lower	Upper	
56	100		
41	50.3	26.4	79.0





#43
Dibromomethane
Concen: 1.930 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

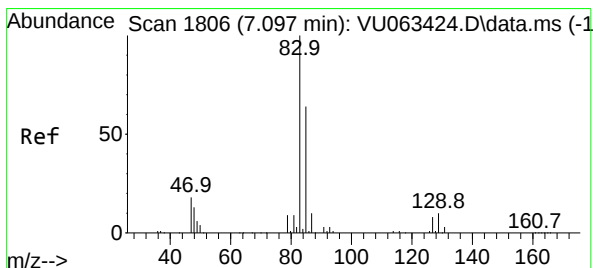
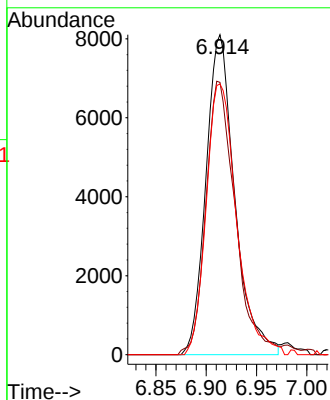
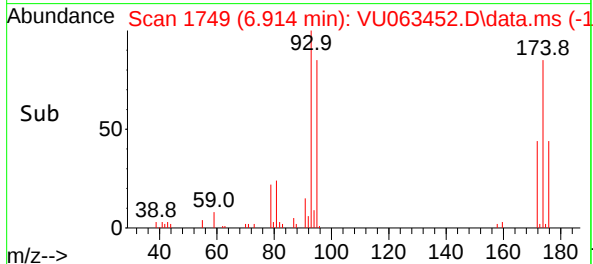
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



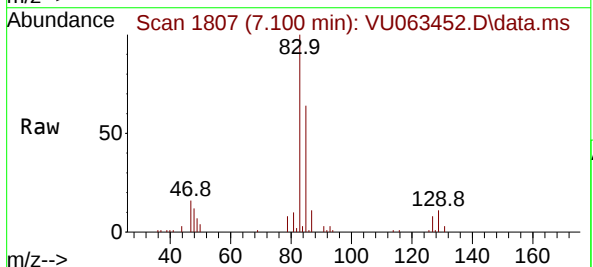
Tgt Ion: 93 Resp: 1619
Ion Ratio Lower Upper
93 100
95 87.0 66.7 100.1
174 89.0 71.1 106.7

Manual Integrations
APPROVED

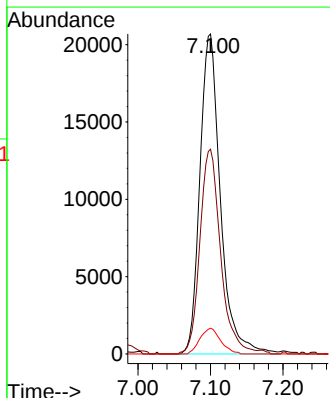
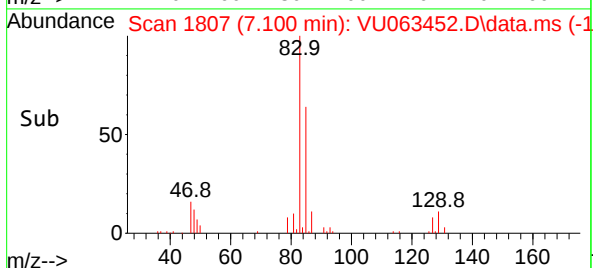
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

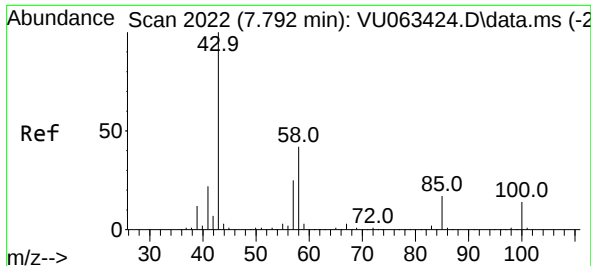


#44
Bromodichloromethane
Concen: 1.990 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27



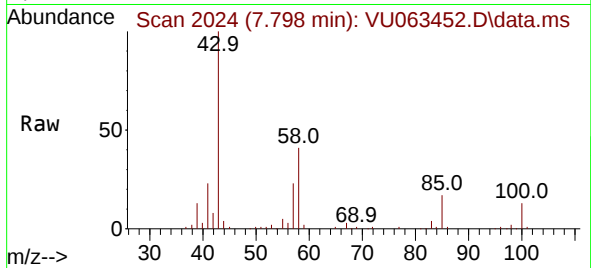
Tgt Ion: 83 Resp: 40673
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.2
127 8.8 6.6 10.0





#45
4-Methyl-2-Pentanone
Concen: 8.775 ug/l
RT: 7.798 min Scan# 2024
Delta R.T. 0.006 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

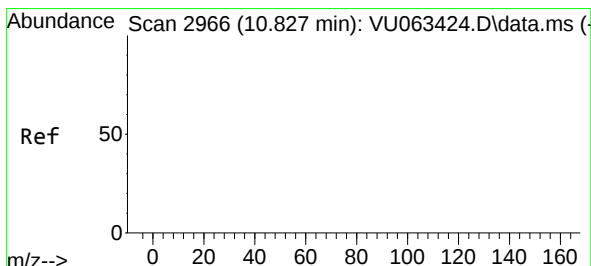
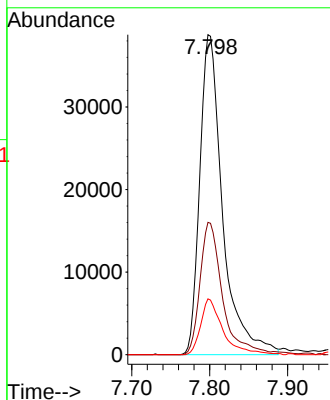
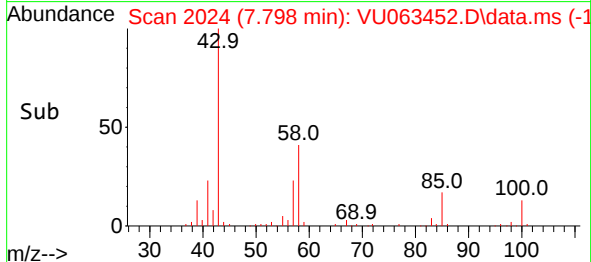
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



Tgt Ion: 43 Resp: 7903
Ion Ratio Lower Upper
43 100
58 40.4 20.5 61.6
85 17.0 14.2 21.2

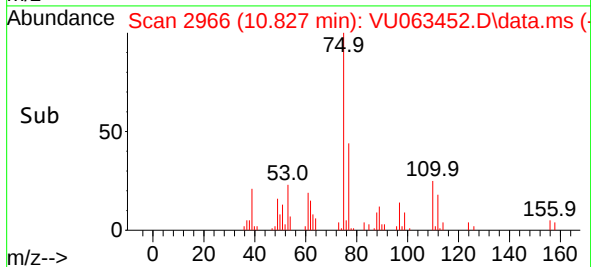
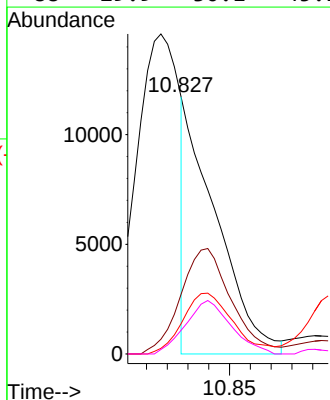
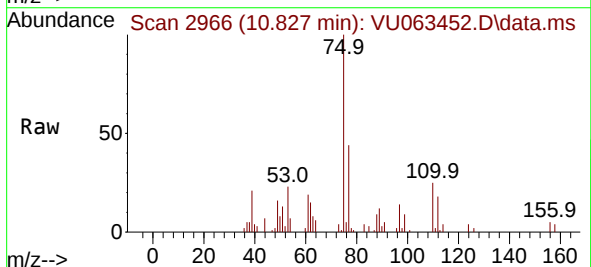
Manual Integrations
APPROVED

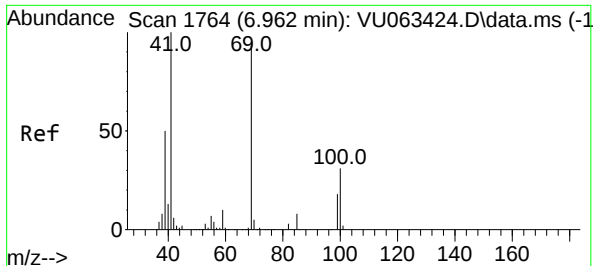
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#46
t-1,4-Dichloro-2-butene
Concen: 4.187 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Tgt Ion: 75 Resp: 12395
Ion Ratio Lower Upper
75 100
53 65.9 61.4 92.2
89 37.7 39.2 58.8#
88 29.9 30.1 45.1#





#47

Methyl methacrylate

Concen: 3.878 ug/l

RT: 6.971 min Scan# 1764

Delta R.T. 0.009 min

Lab File: VU063452.D

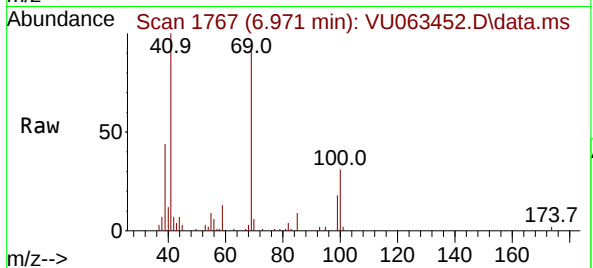
Acq: 25 Jun 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

VU0625WBSD01



Tgt Ion: 69 Resp: 24819

Ion Ratio Lower Upper

69 100

41 106.8 0.0 212.6

39 45.9 40.6 61.0

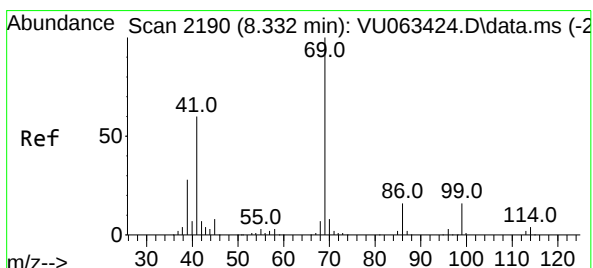
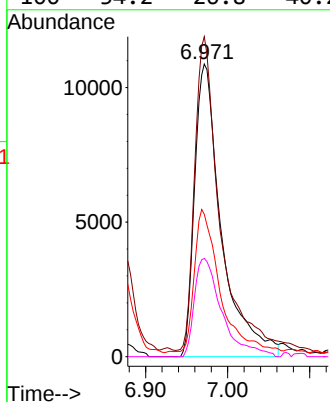
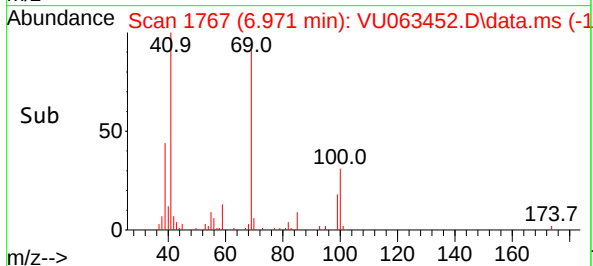
100 34.2 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#48

Ethyl methacrylate

Concen: 1.964 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.006 min

Lab File: VU063452.D

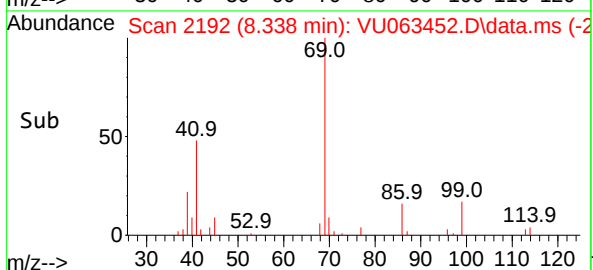
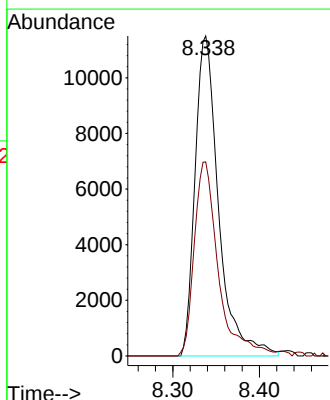
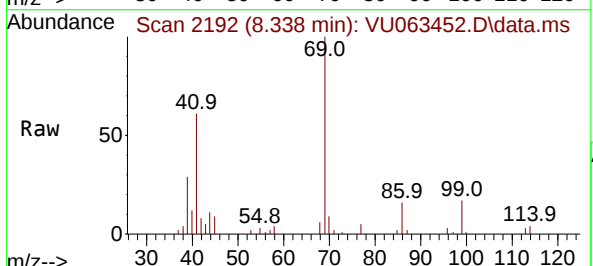
Acq: 25 Jun 2025 11:27

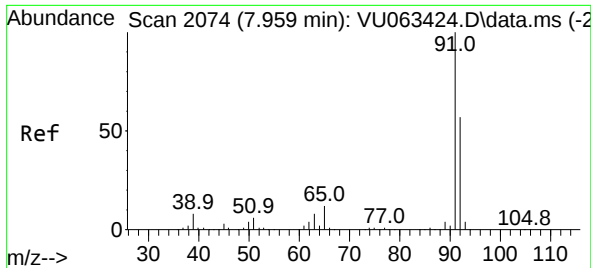
Tgt Ion: 69 Resp: 21710

Ion Ratio Lower Upper

69 100

41 61.9 30.6 92.0





#49

Toluene

Concen: 1.889 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063452.D

Acq: 25 Jun 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

VU0625WBSD01

Tgt Ion: 92 Resp: 6744

Ion Ratio Lower Upper

92 100

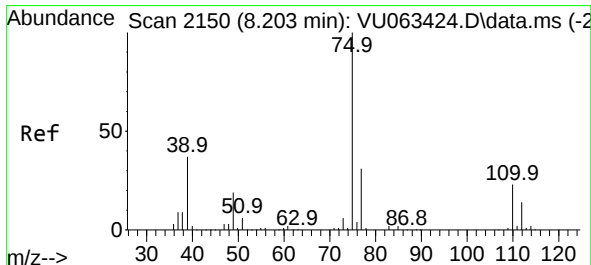
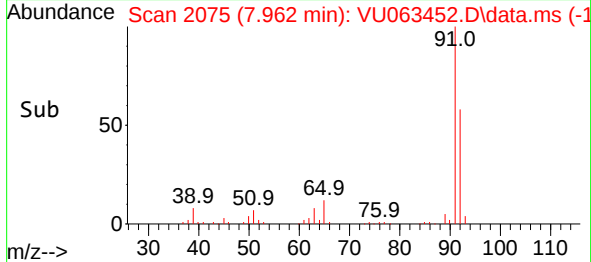
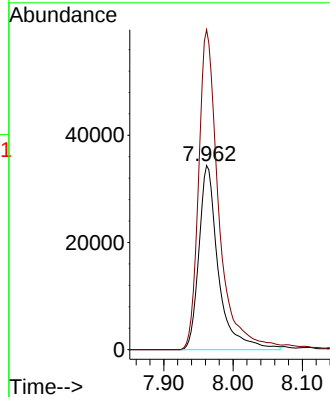
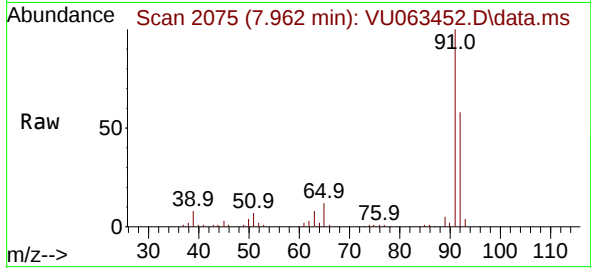
91 178.7 142.0 213.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#50

t-1,3-Dichloropropene

Concen: 1.868 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063452.D

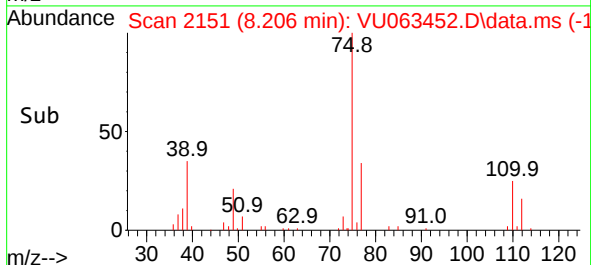
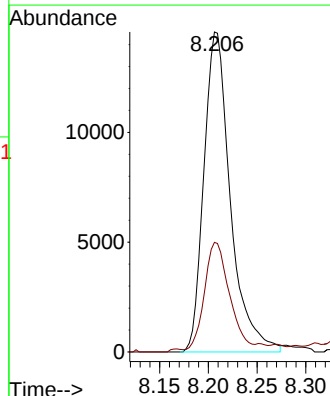
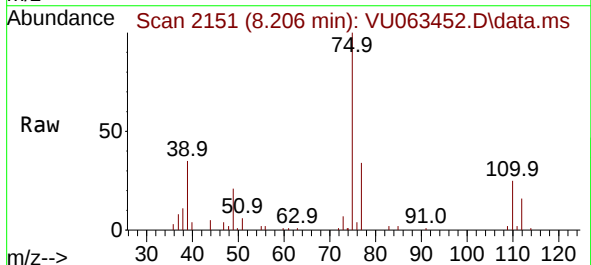
Acq: 25 Jun 2025 11:27

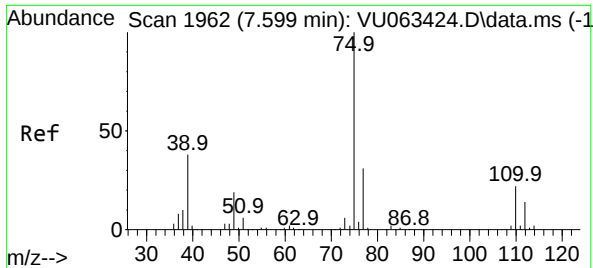
Tgt Ion: 75 Resp: 27535

Ion Ratio Lower Upper

75 100

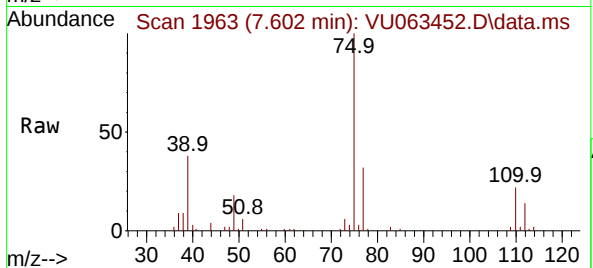
77 33.5 24.5 36.7





#51
 cis-1,3-Dichloropropene
 Concen: 1.890 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU063452.D
 Acq: 25 Jun 2025 11:27

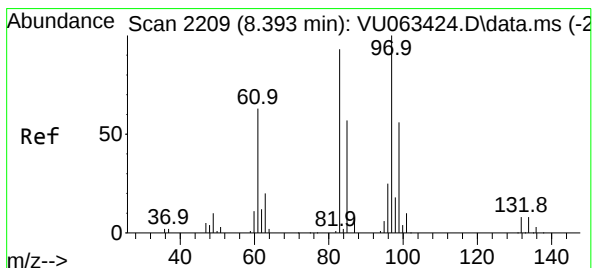
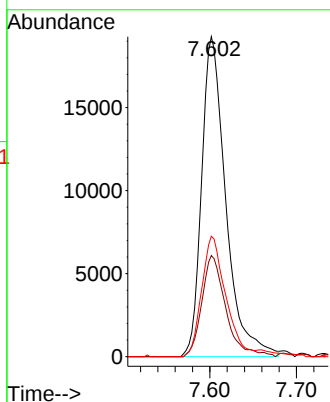
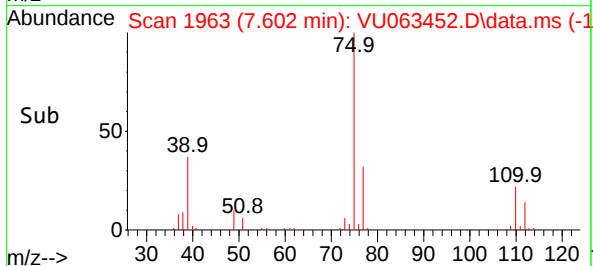
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625WBSD01



Tgt Ion: 75 Resp: 3740
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.8 37.2
 39 37.7 30.7 46.1

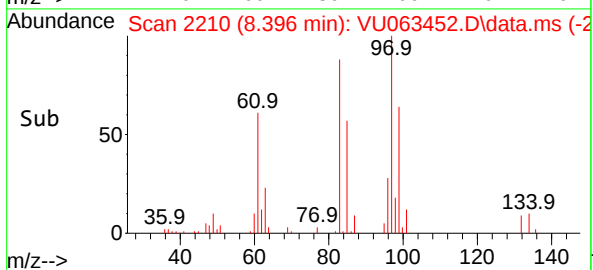
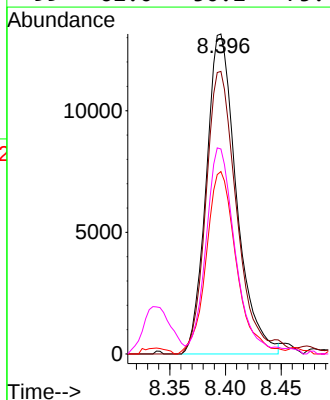
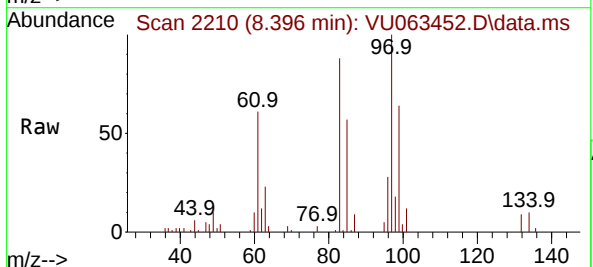
Manual Integrations
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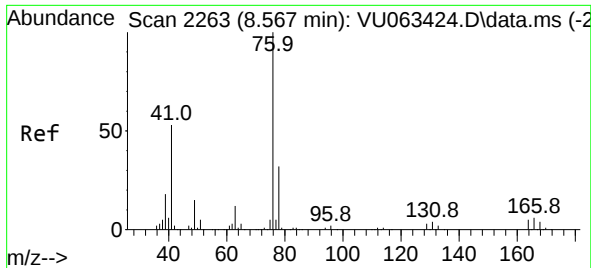
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#52
 1,1,2-Trichloroethane
 Concen: 2.023 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063452.D
 Acq: 25 Jun 2025 11:27

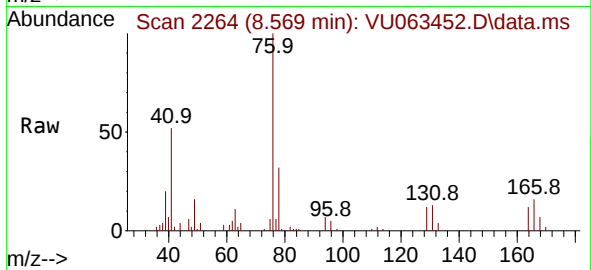
Tgt Ion: 97 Resp: 24811
 Ion Ratio Lower Upper
 97 100
 83 88.3 74.1 111.1
 85 57.0 45.8 68.8
 99 62.0 50.2 75.4





#53
1,3-Dichloropropane
Concen: 1.966 ug/l
RT: 8.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

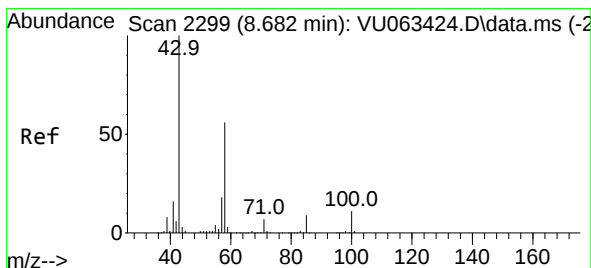
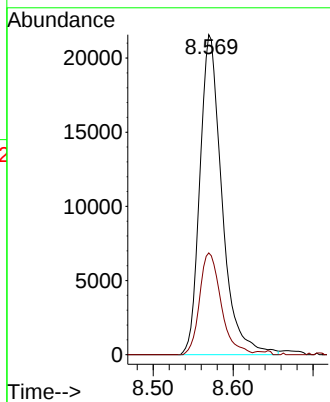
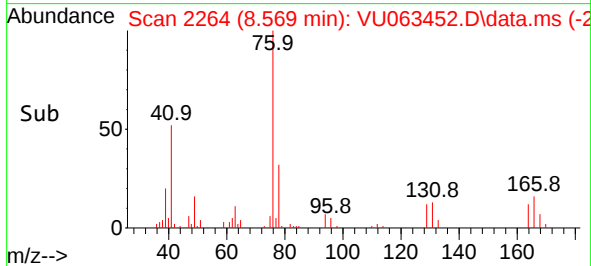
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



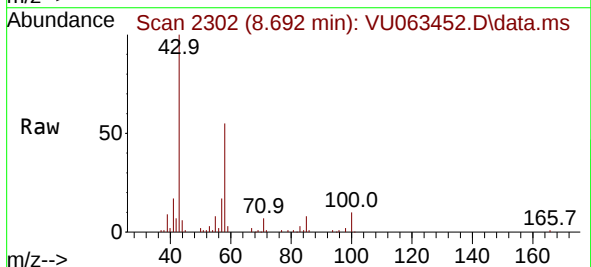
Tgt Ion: 76 Resp: 4149
Ion Ratio Lower Upper
76 100
78 31.1 25.7 38.5

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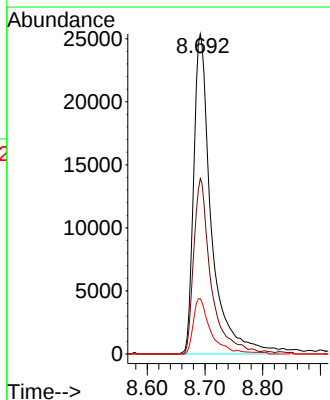
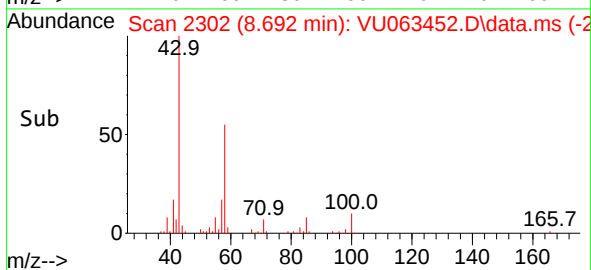
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

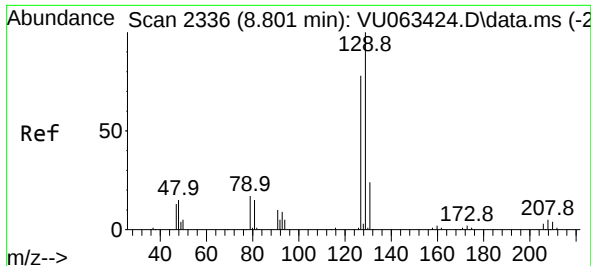


#54
2-Hexanone
Concen: 9.493 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.010 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27



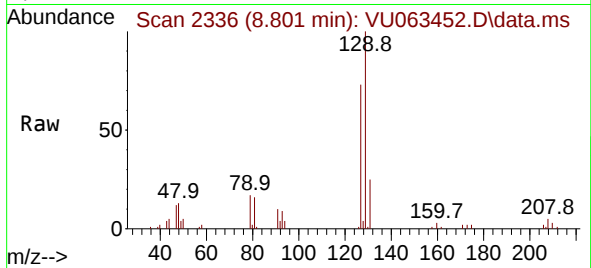
Tgt Ion: 43 Resp: 53905
Ion Ratio Lower Upper
43 100
58 53.6 36.9 76.9
57 16.3 0.0 38.8





#55
Dibromochloromethane
Concen: 2.027 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

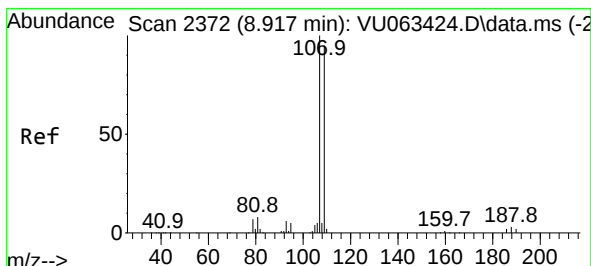
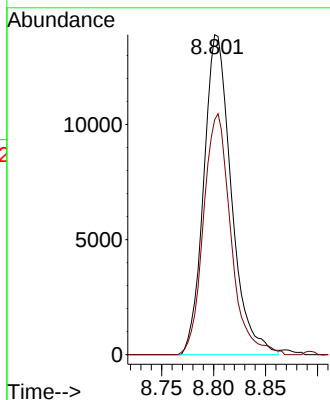
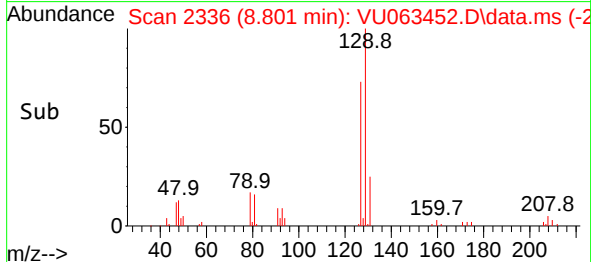
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



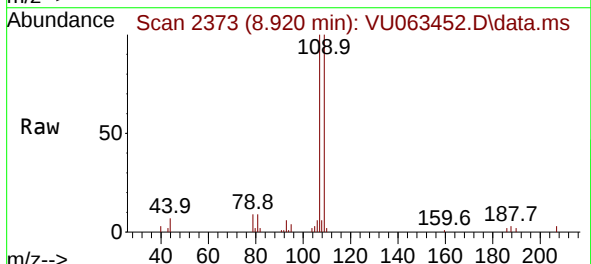
Tgt Ion:129 Resp: 25650
Ion Ratio Lower Upper
129 100
127 74.7 62.6 93.8

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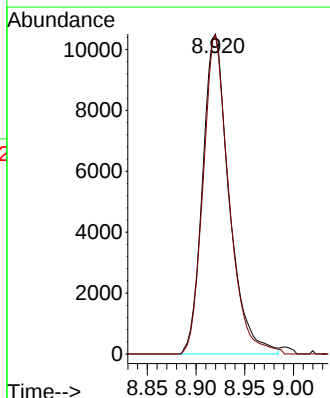
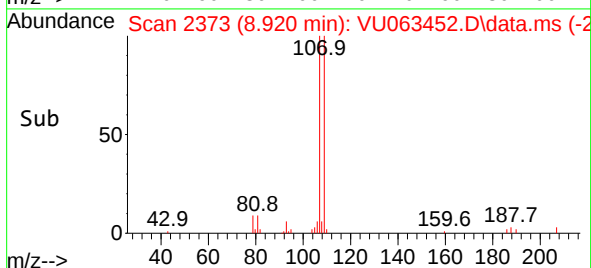
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

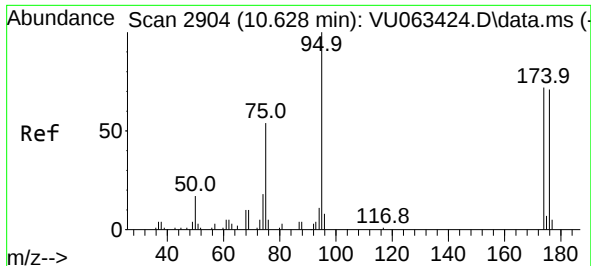


#56
1,2-Dibromoethane
Concen: 1.998 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27



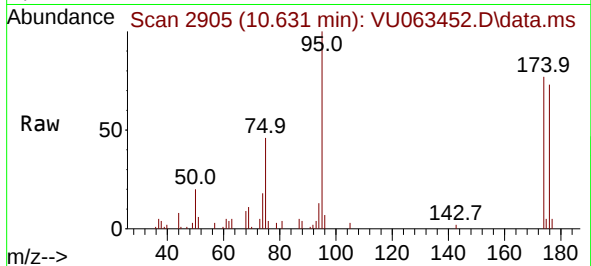
Tgt Ion:107 Resp: 19862
Ion Ratio Lower Upper
107 100
109 96.9 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.946 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.002 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

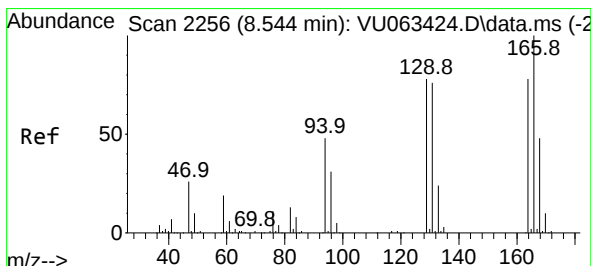
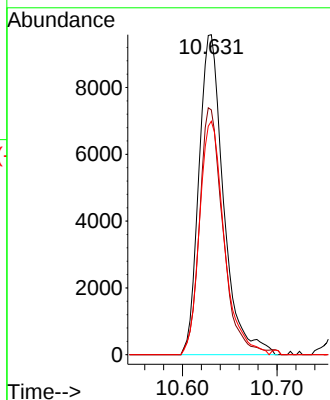
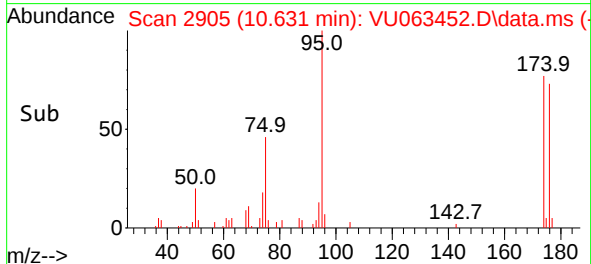
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



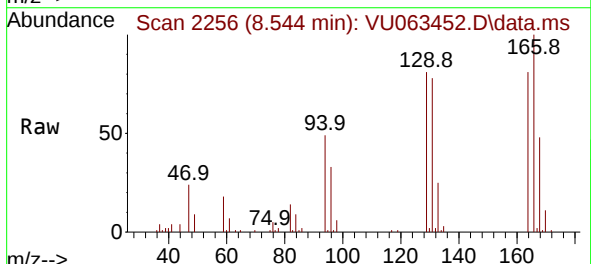
Tgt Ion: 95 Resp: 1734
Ion Ratio Lower Upper
95 100
174 73.5 59.4 89.2
176 73.2 57.8 86.6

Manual Integrations
APPROVED

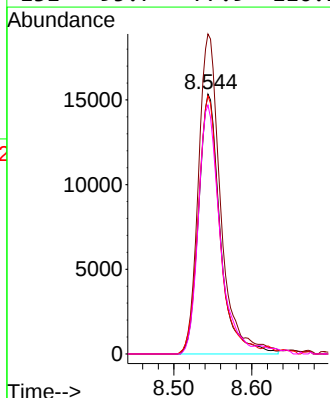
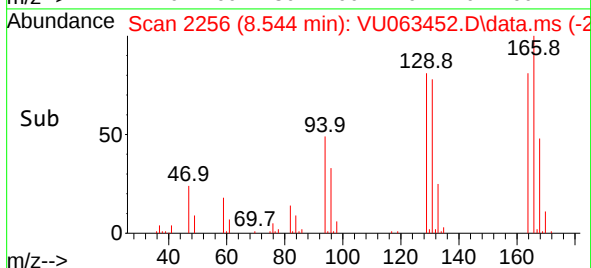
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

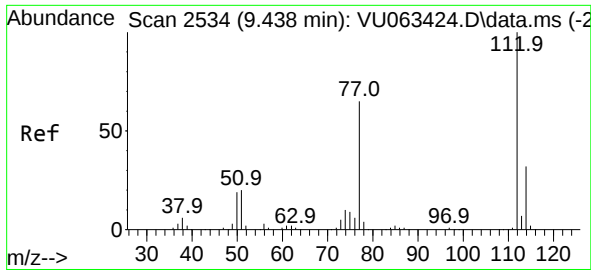


#58
Tetrachloroethene
Concen: 1.955 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27



Tgt Ion:164 Resp: 29469
Ion Ratio Lower Upper
164 100
166 123.1 102.8 154.2
129 99.3 80.2 120.2
131 95.7 77.9 116.9





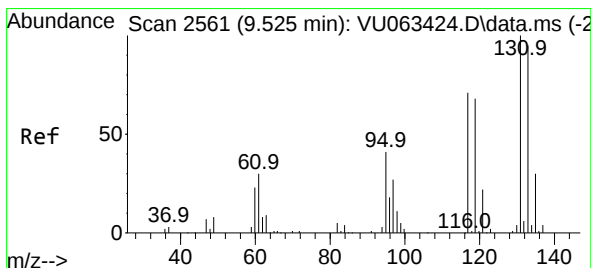
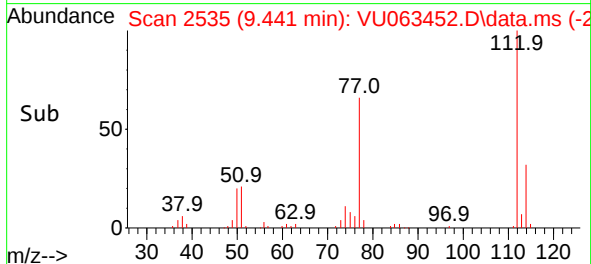
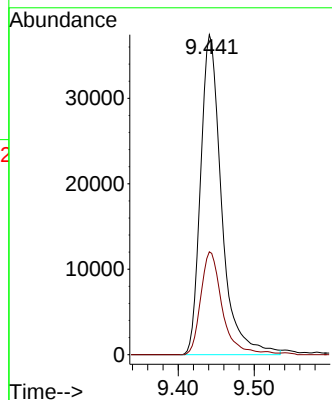
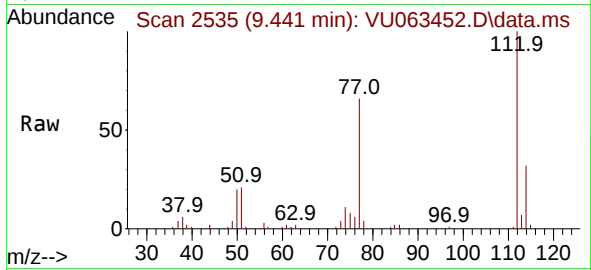
#59
Chlorobenzene
Concen: 1.879 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Tgt Ion:112 Resp: 7181
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

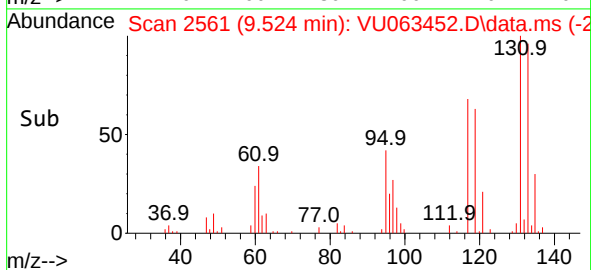
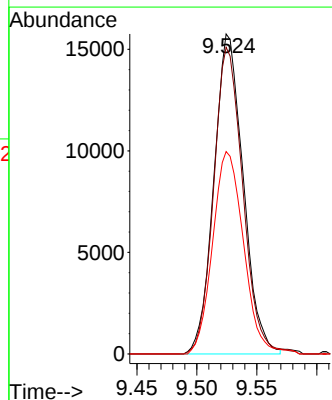
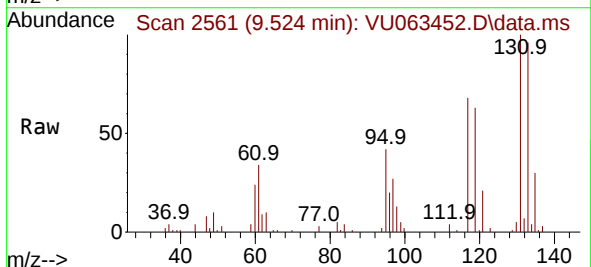
Manual Integrations
APPROVED

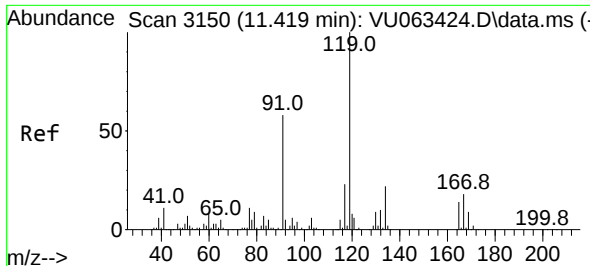
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 1.942 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Tgt Ion:131 Resp: 26716
Ion Ratio Lower Upper
131 100
133 95.4 76.1 114.1
119 66.8 53.7 80.5





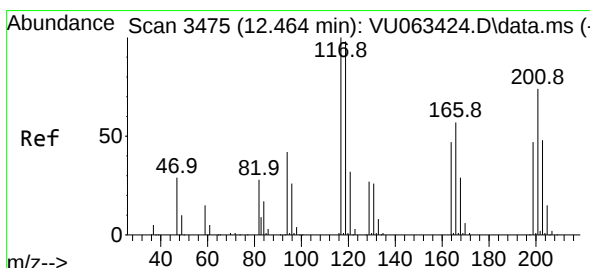
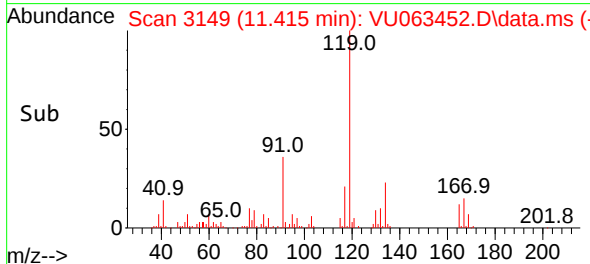
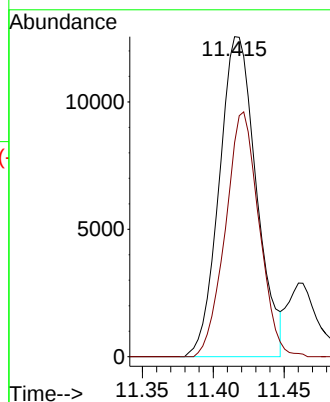
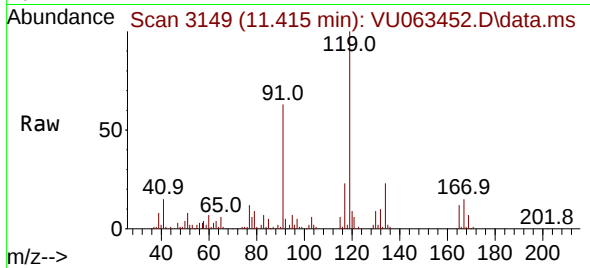
#61
 Pentachloroethane
 Concen: 2.044 ug/l
 RT: 11.415 min Scan# 3150
 Delta R.T. -0.004 min
 Lab File: VU063452.D
 Acq: 25 Jun 2025 11:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625WBSD01

Tgt Ion:117 Resp: 22909
 Ion Ratio Lower Upper
 117 100
 167 69.3 58.1 87.1

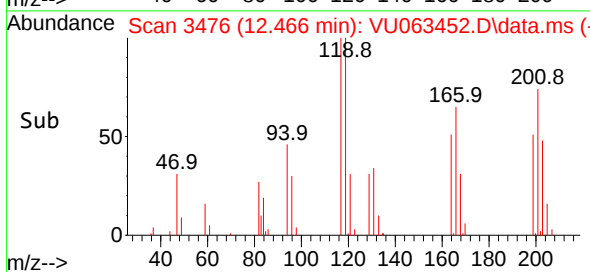
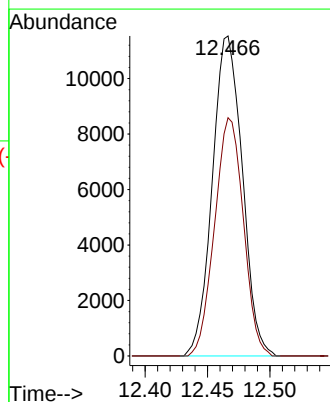
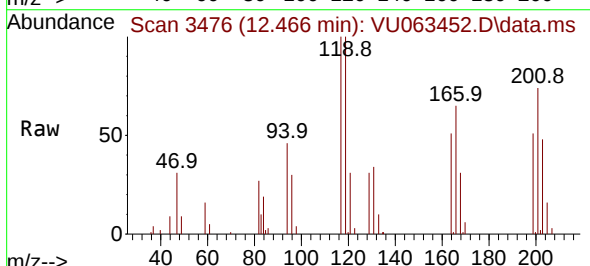
Manual Integrations
 APPROVED

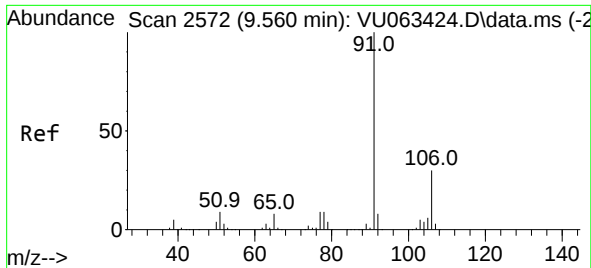
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#62
 Hexachloroethane
 Concen: 1.917 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. 0.003 min
 Lab File: VU063452.D
 Acq: 25 Jun 2025 11:27

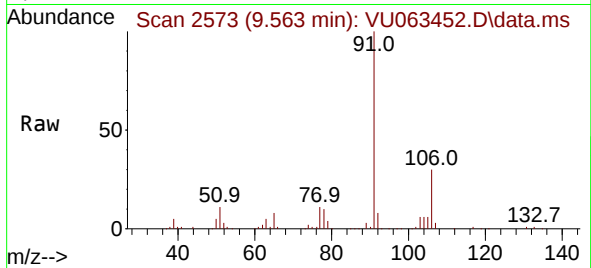
Tgt Ion:117 Resp: 19321
 Ion Ratio Lower Upper
 117 100
 201 71.4 60.4 90.6





#63
Ethyl Benzene
Concen: 1.847 ug/l
RT: 9.563 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

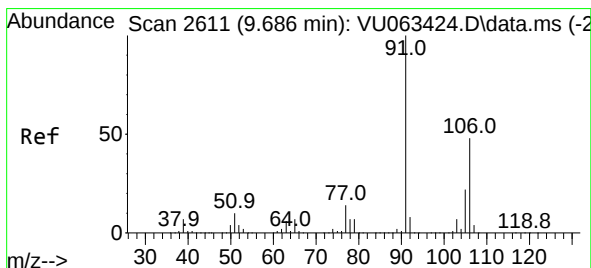
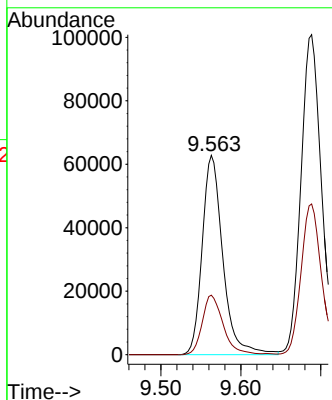
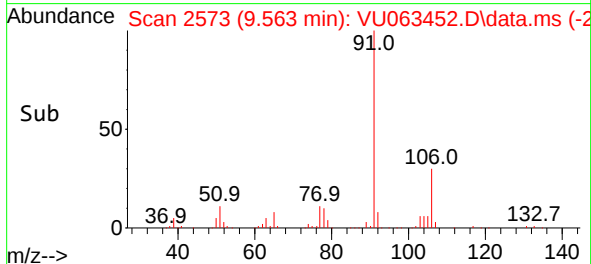
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



Tgt Ion: 91 Resp: 11320
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2

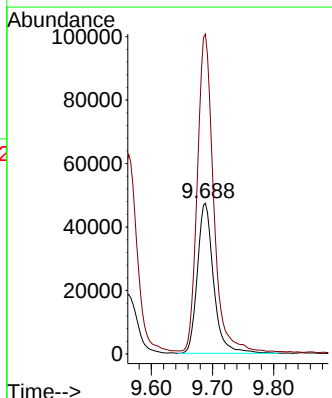
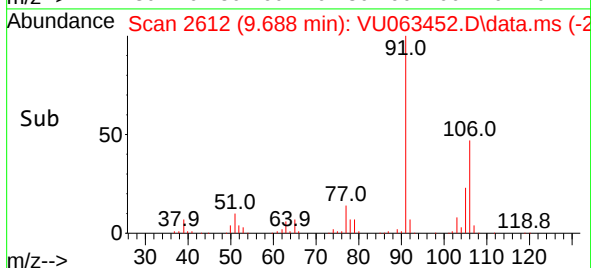
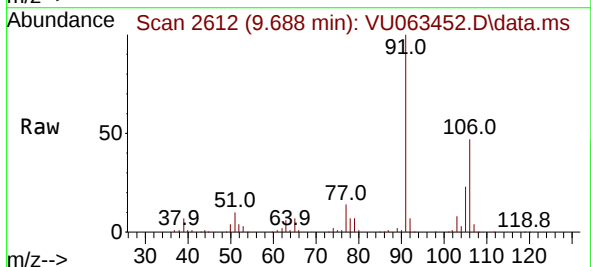
Manual Integrations
APPROVED

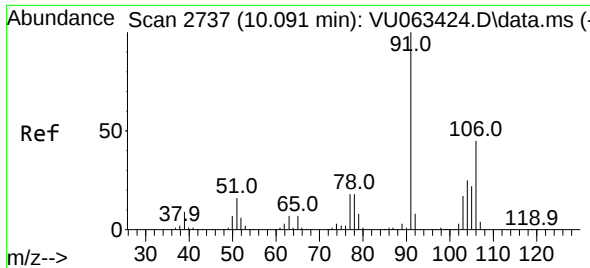
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#64
m/p-Xylenes
Concen: 3.670 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Tgt Ion:106 Resp: 86934
Ion Ratio Lower Upper
106 100
91 211.6 169.9 254.9





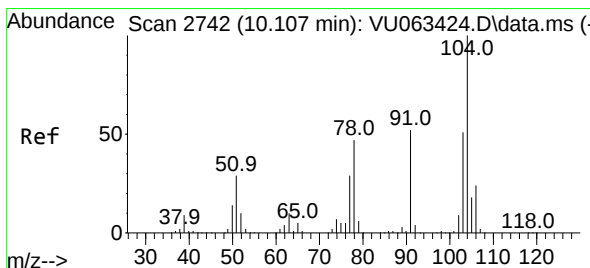
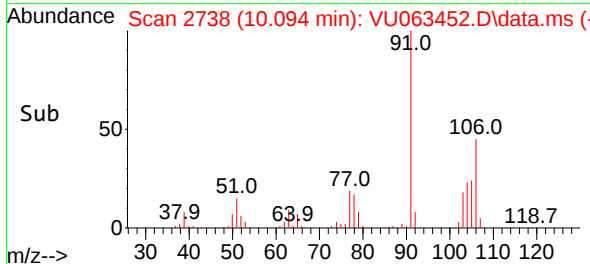
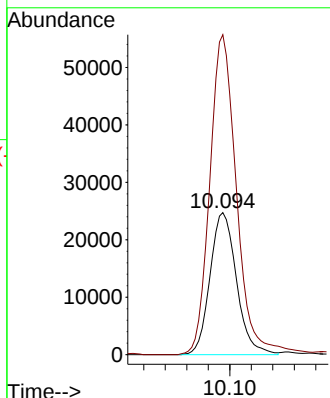
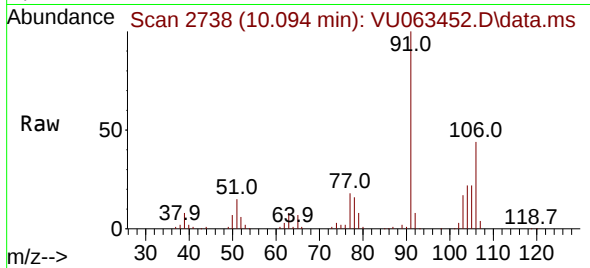
#65
o-Xylene
Concen: 1.821 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Tgt Ion:106 Resp: 4239
Ion Ratio Lower Upper
106 100
91 227.9 110.8 332.3

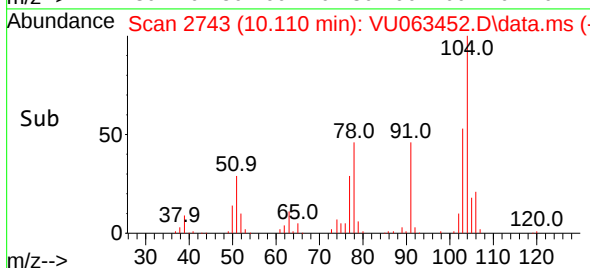
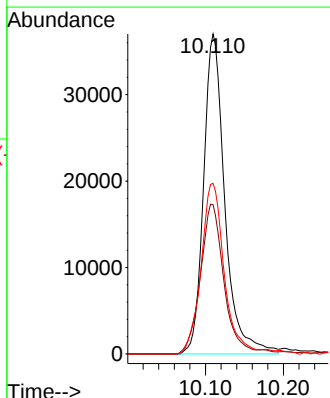
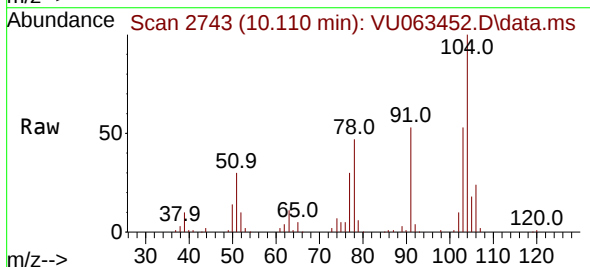
Manual Integrations
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Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#66
Styrene
Concen: 1.857 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Tgt Ion:104 Resp: 70138
Ion Ratio Lower Upper
104 100
78 51.3 41.6 62.4
103 57.7 44.6 67.0





#67

Bromoform

Concen: 1.775 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063452.D

Acq: 25 Jun 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

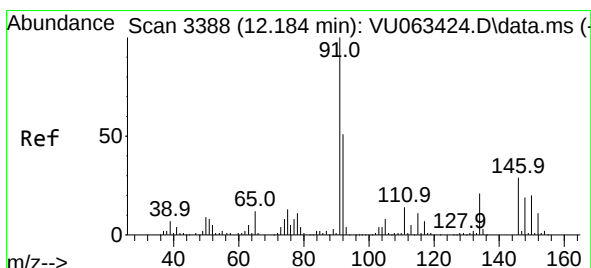
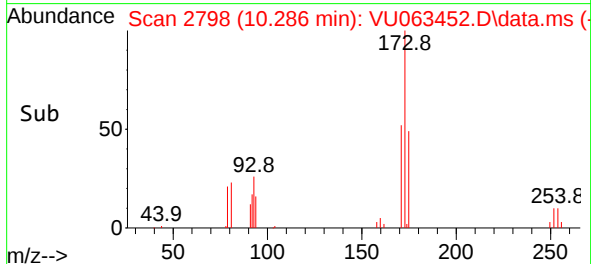
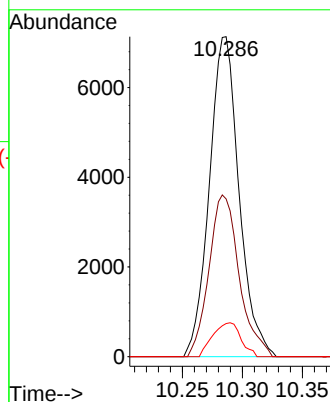
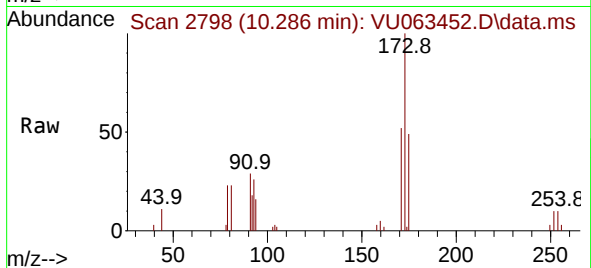
VU0625WBSD01

Tgt Ion:173	Resp:	12270
Ion Ratio	Lower	Upper
173	100	
175	51.4	38.2 57.2
254	10.0	7.6 11.4

Manual Integrations

APPROVED

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



#68

1,2-Dichlorobenzene-d4

Concen: 0.953 ug/l

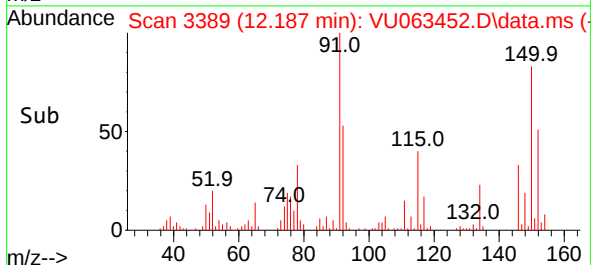
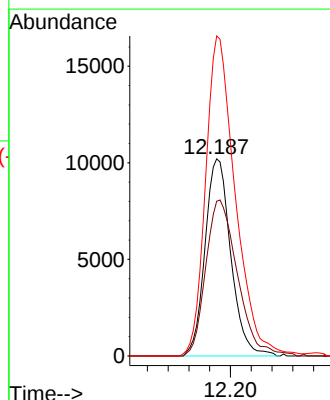
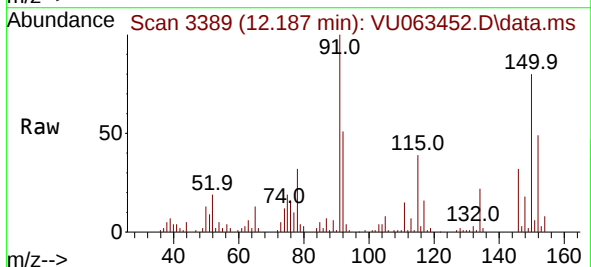
RT: 12.187 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU063452.D

Acq: 25 Jun 2025 11:27

Tgt Ion:152	Resp:	17538
Ion Ratio	Lower	Upper
152	100	
115	97.2	0.0 327.6
150	187.3	0.0 664.4





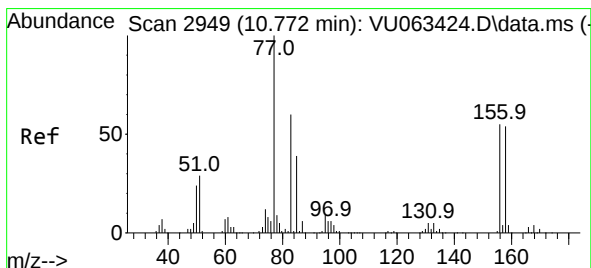
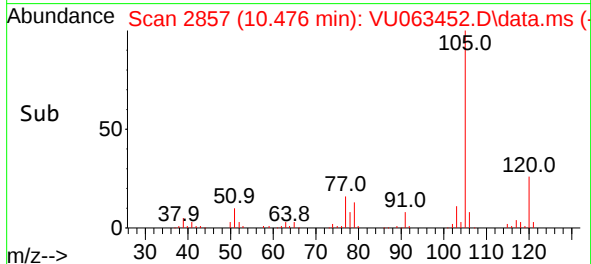
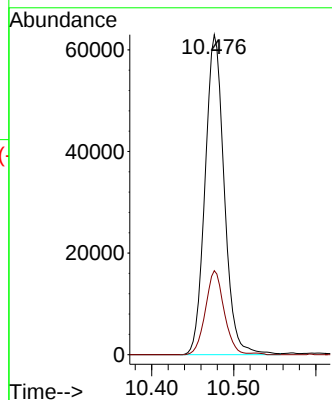
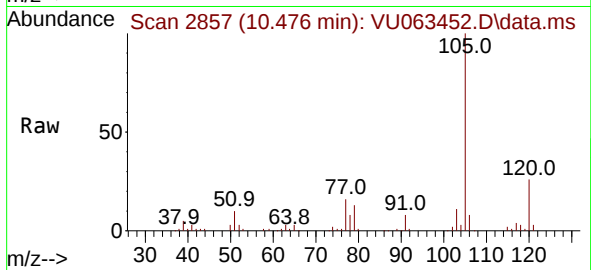
#69
Isopropylbenzene
Concen: 1.894 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Tgt Ion:105 Resp: 10216
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.1

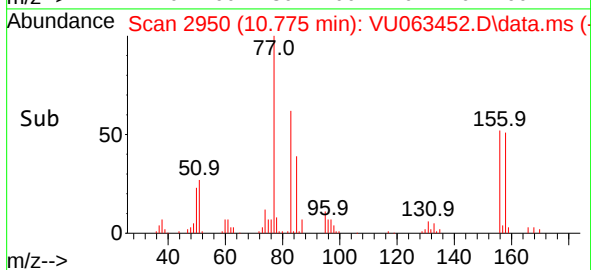
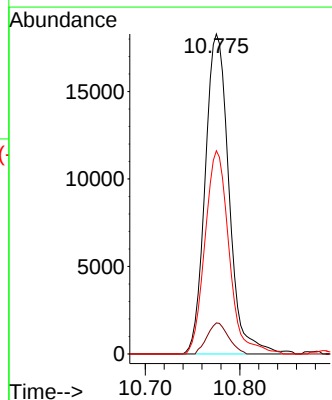
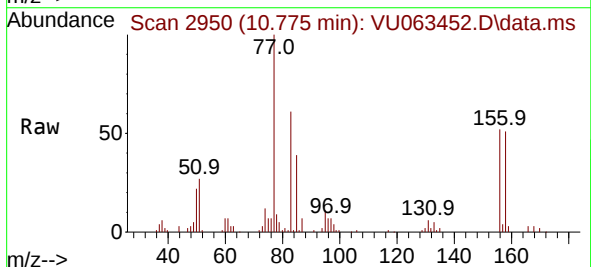
Manual Integrations
APPROVED

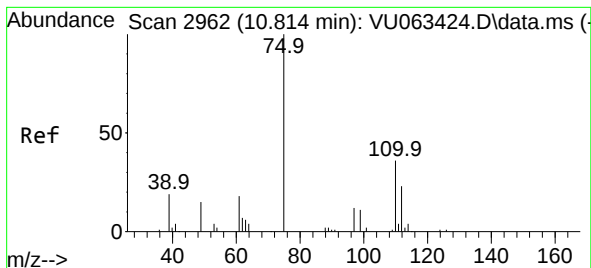
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 2.038 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

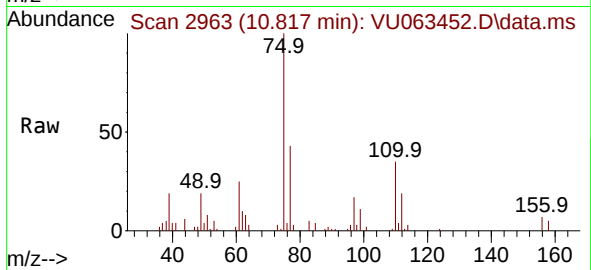
Tgt Ion: 83 Resp: 31968
Ion Ratio Lower Upper
83 100
131 8.7 7.4 11.0
85 64.4 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 1.973 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

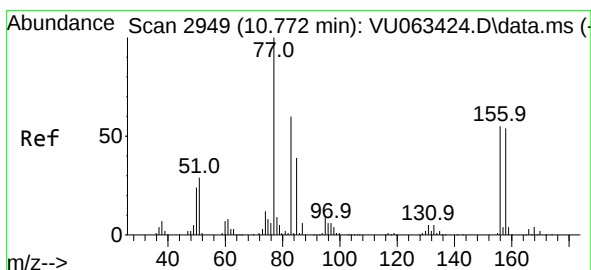
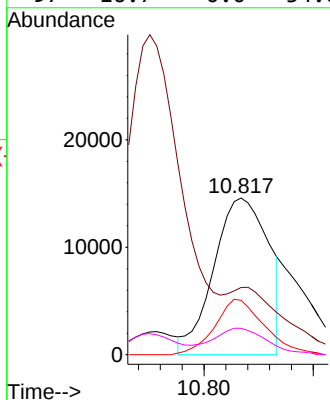
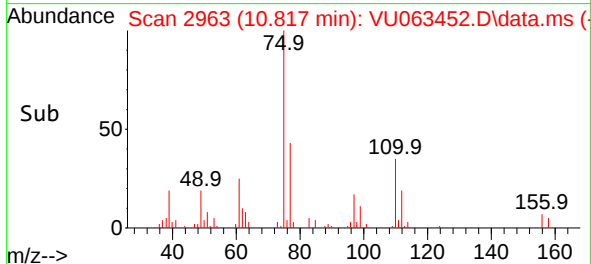
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



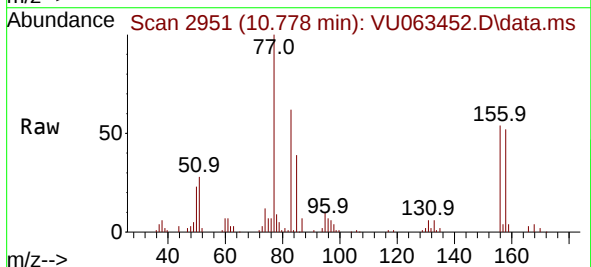
Tgt Ion: 75 Resp: 2528
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 32.2 0.0 63.4
97 16.7 0.0 34.0

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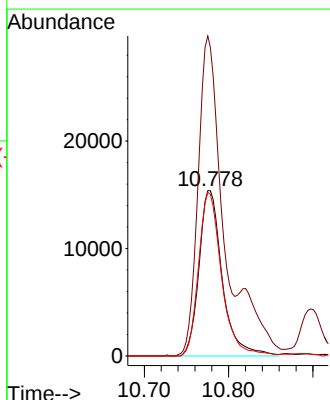
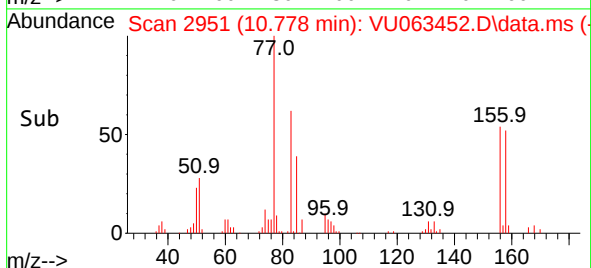
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

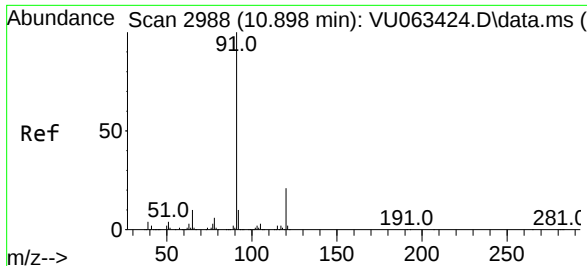


#72
Bromobenzene
Concen: 1.951 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27



Tgt Ion:156 Resp: 29542
Ion Ratio Lower Upper
156 100
77 183.8 0.0 416.2
158 97.9 0.0 190.6





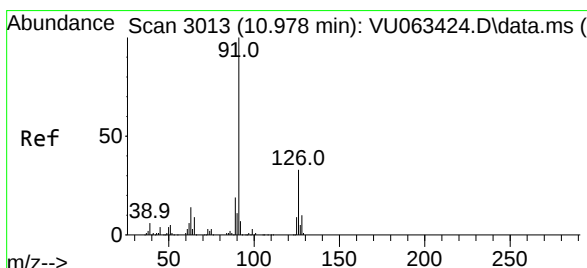
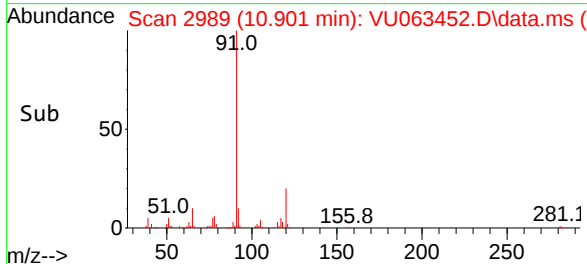
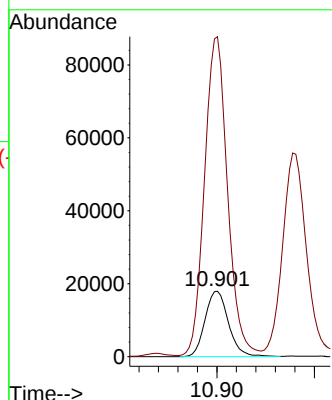
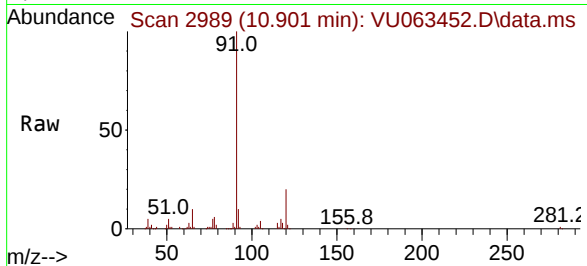
#73
n-propylbenzene
Concen: 1.845 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Tgt Ion:120 Resp: 30039
Ion Ratio Lower Upper
120 100
91 476.5 373.7 560.5

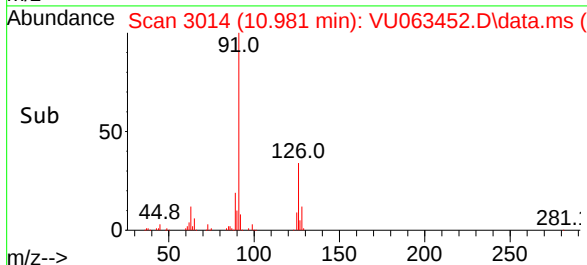
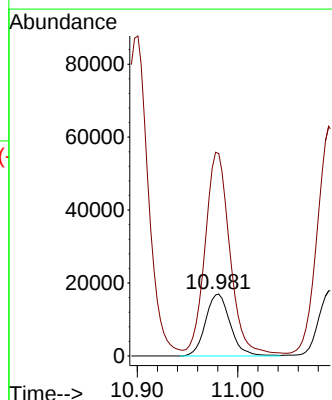
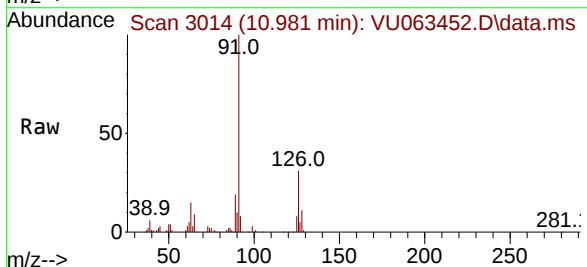
Manual Integrations
APPROVED

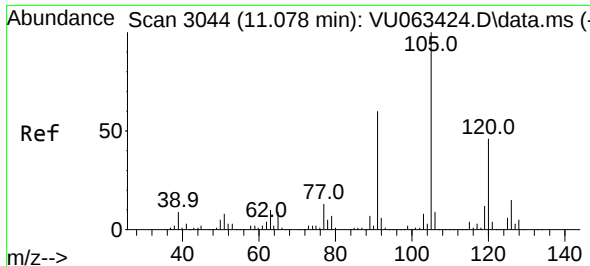
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#74
2-Chlorotoluene
Concen: 1.932 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Tgt Ion:126 Resp: 28908
Ion Ratio Lower Upper
126 100
91 325.3 0.0 650.8





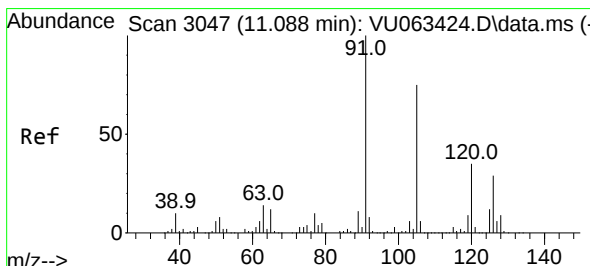
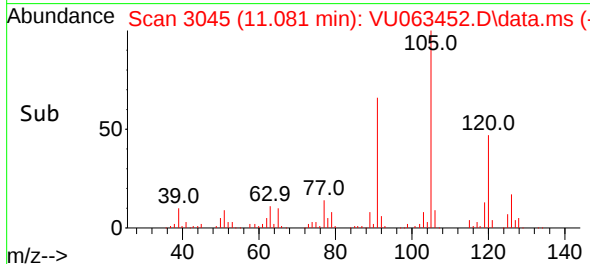
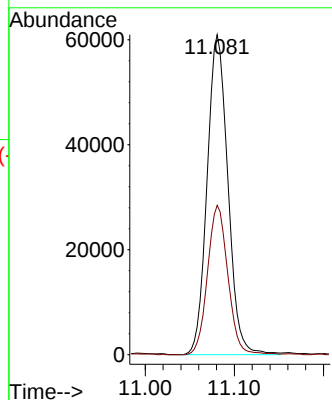
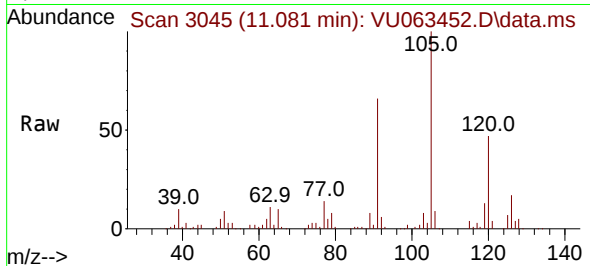
#75
1,3,5-Trimethylbenzene
Concen: 1.857 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Tgt Ion:105 Resp: 98754
Ion Ratio Lower Upper
105 100
120 45.8 37.0 55.4

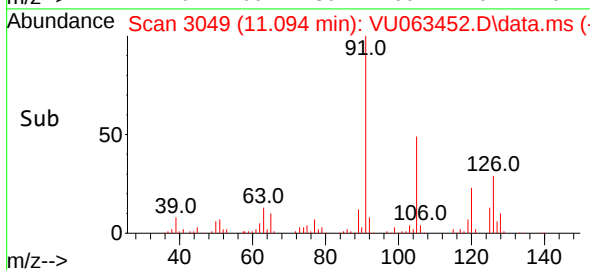
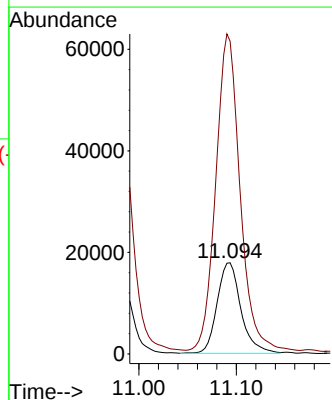
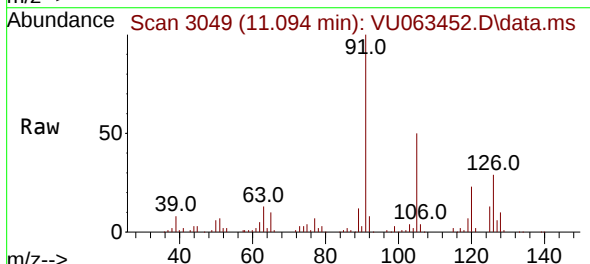
Manual Integrations
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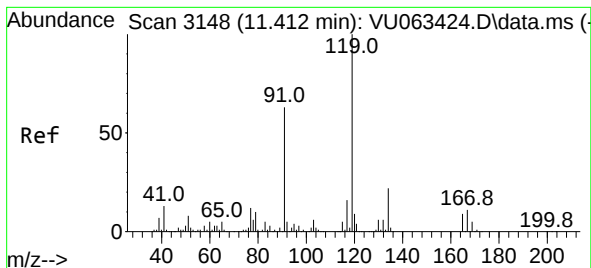
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#76
4-Chlorotoluene
Concen: 1.924 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Tgt Ion:126 Resp: 30163
Ion Ratio Lower Upper
126 100
91 356.5 0.0 713.2





#77

tert-Butylbenzene

Concen: 1.916 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU063452.D

Acq: 25 Jun 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

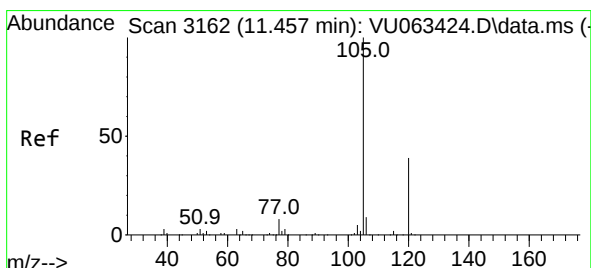
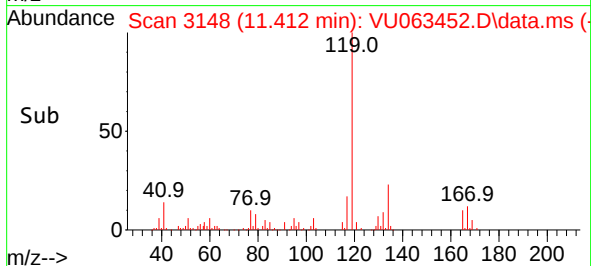
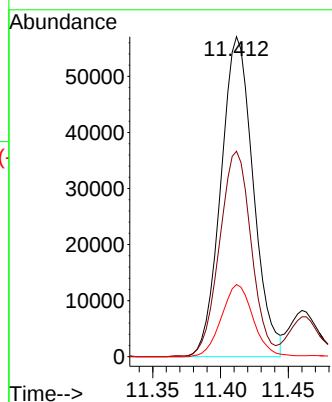
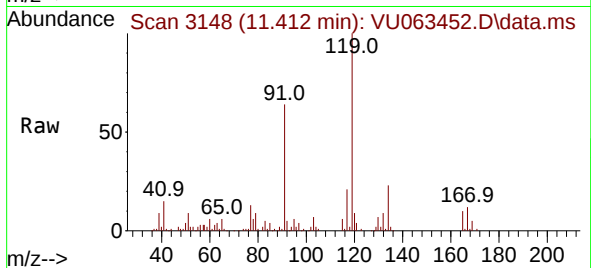
VU0625WBSD01

Tgt Ion:	119	Resp:	94918
Ion Ratio	Lower	Upper	
119	100		
91	63.1	30.9	92.7
134	22.1	17.9	26.9

Manual Integrations

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



#78

1,2,4-Trimethylbenzene

Concen: 1.868 ug/l

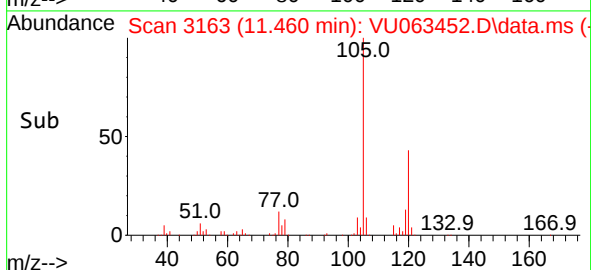
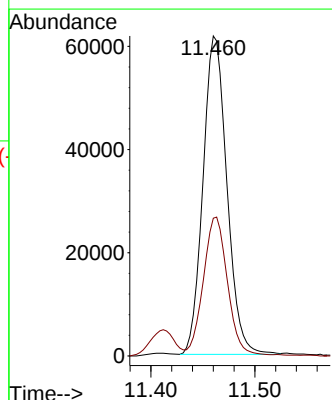
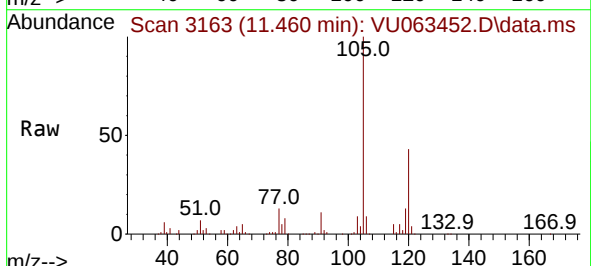
RT: 11.460 min Scan# 3163

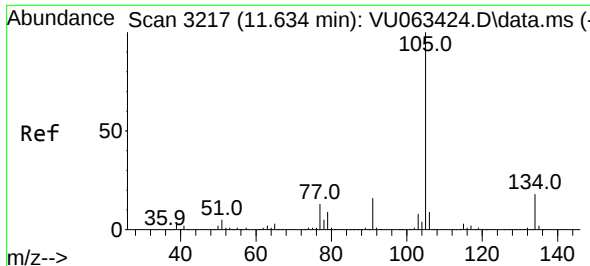
Delta R.T. 0.003 min

Lab File: VU063452.D

Acq: 25 Jun 2025 11:27

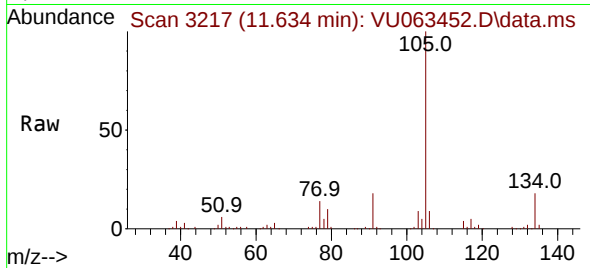
Tgt Ion:	105	Resp:	98758
Ion Ratio	Lower	Upper	
105	100		
120	43.4	22.1	66.5





#79
 sec-Butylbenzene
 Concen: 1.934 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063452.D
 Acq: 25 Jun 2025 11:27

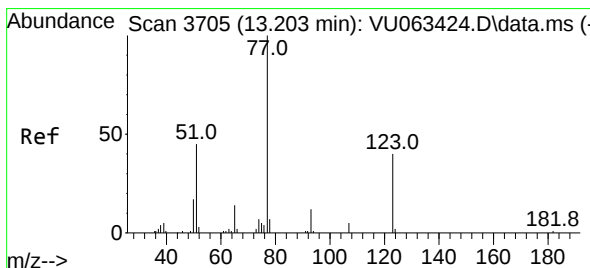
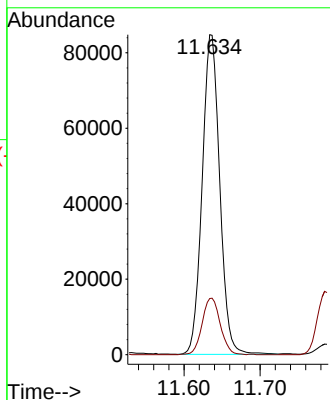
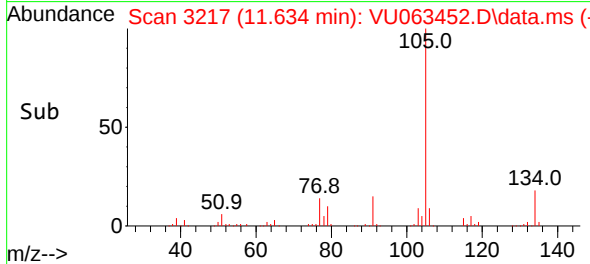
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625WBSD01



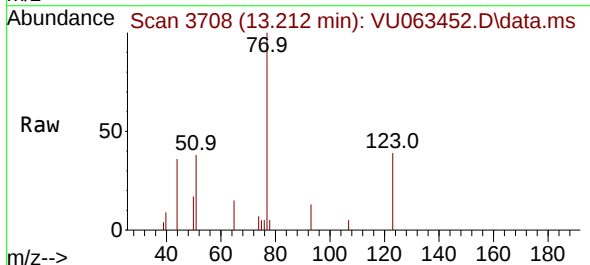
Tgt Ion:105 Resp: 135745
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.8 22.2

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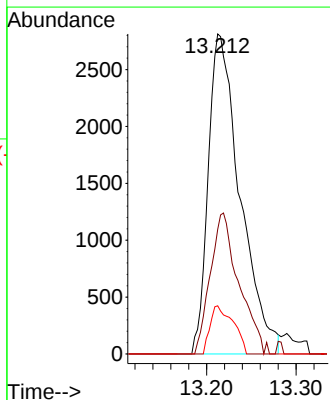
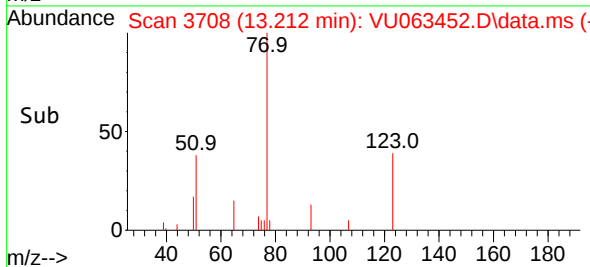
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

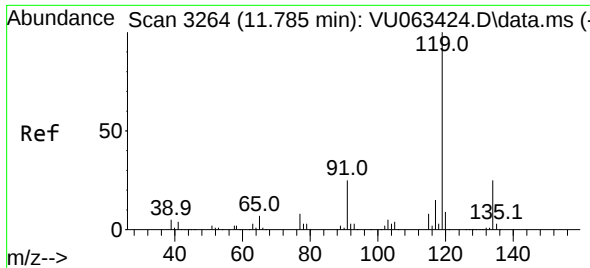


#80
 Nitrobenzene
 Concen: 10.655 ug/l m
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.009 min
 Lab File: VU063452.D
 Acq: 25 Jun 2025 11:27



Tgt Ion: 77 Resp: 6943
 Ion Ratio Lower Upper
 77 100
 123 39.7 19.6 69.6
 65 10.9 10.6 13.4





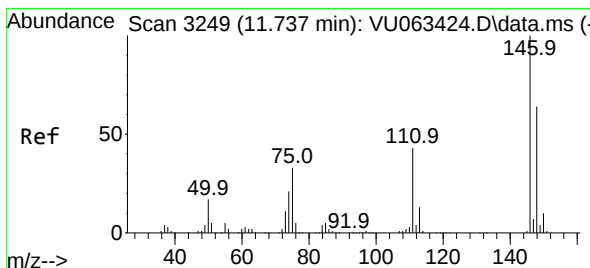
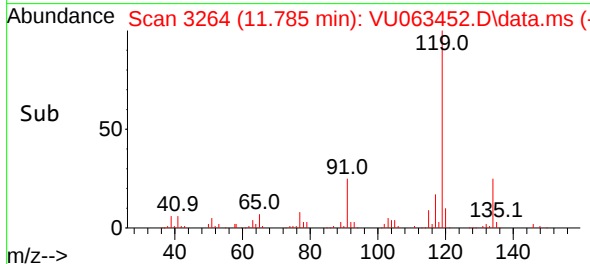
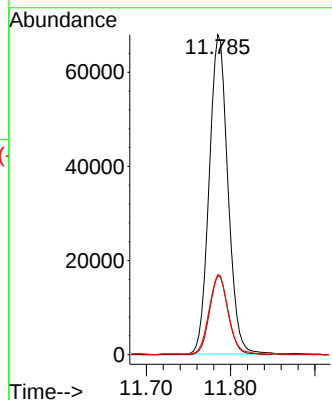
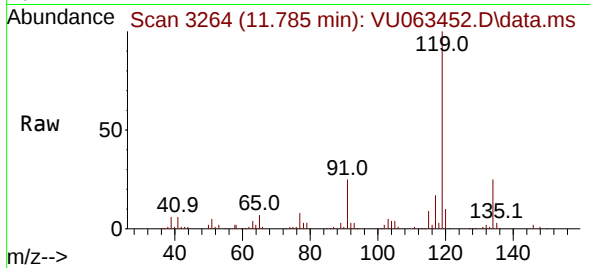
#81
p-Isopropyltoluene
Concen: 1.900 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Tgt Ion:119 Resp: 104714
Ion Ratio Lower Upper
119 100
134 24.7 20.2 30.2
91 25.1 19.7 29.5

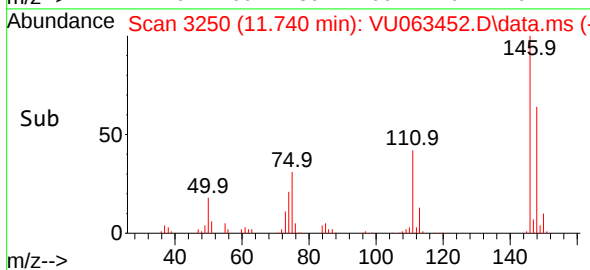
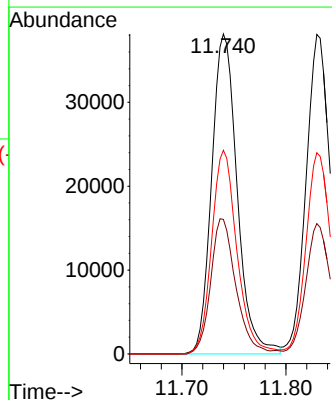
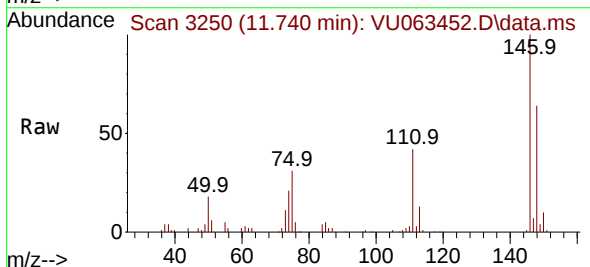
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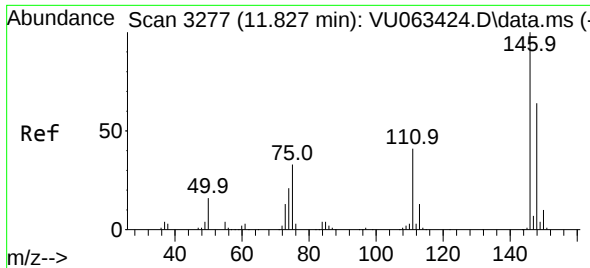
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#82
1,3-Dichlorobenzene
Concen: 2.073 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

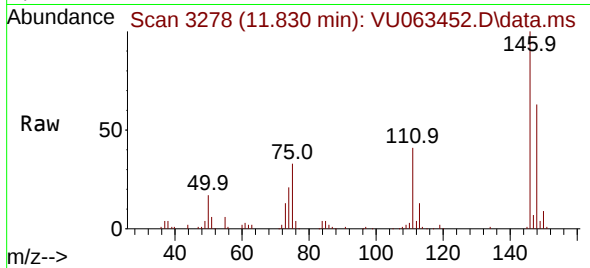
Tgt Ion:146 Resp: 64996
Ion Ratio Lower Upper
146 100
111 42.0 34.3 51.5
148 63.4 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 1.992 ug/l
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

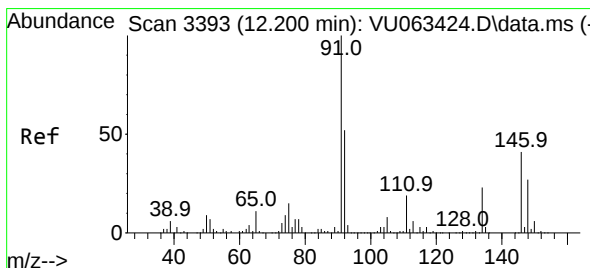
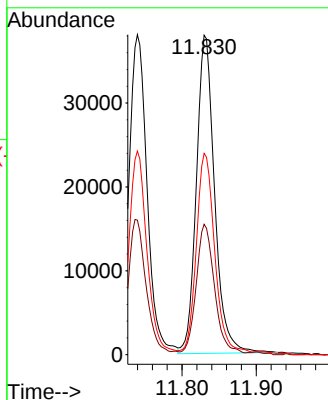
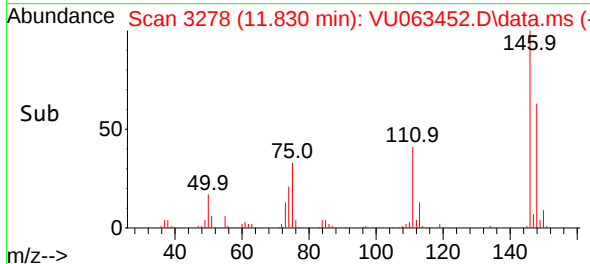
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



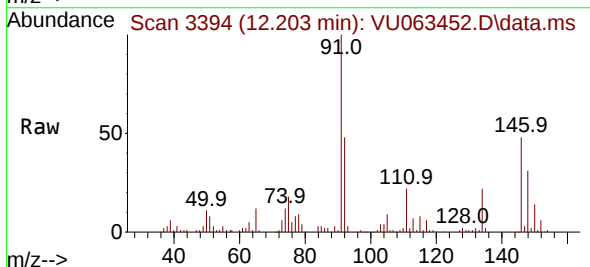
Tgt Ion:146 Resp: 64810
Ion Ratio Lower Upper
146 100
111 40.2 31.7 47.5
148 62.5 51.4 77.0

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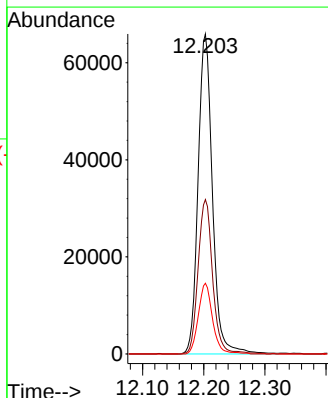
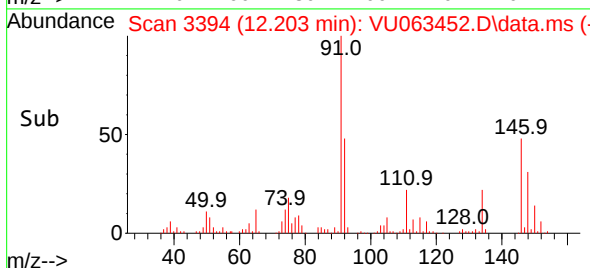
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

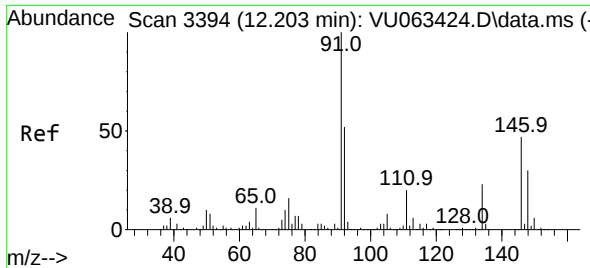


#84
n-Butylbenzene
Concen: 1.873 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27



Tgt Ion: 91 Resp: 107626
Ion Ratio Lower Upper
91 100
92 48.9 41.0 61.6
134 21.9 18.5 27.7





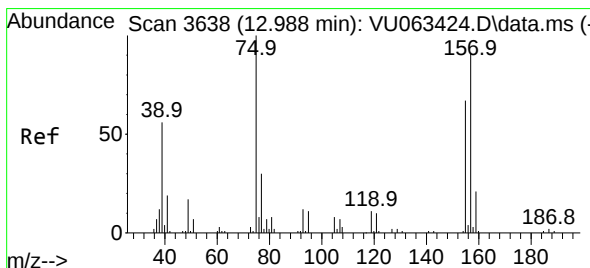
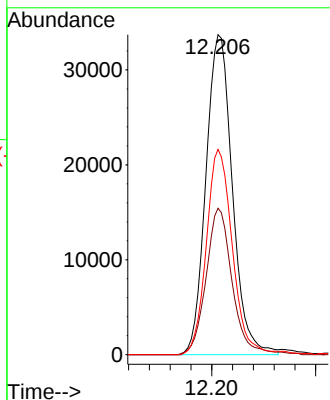
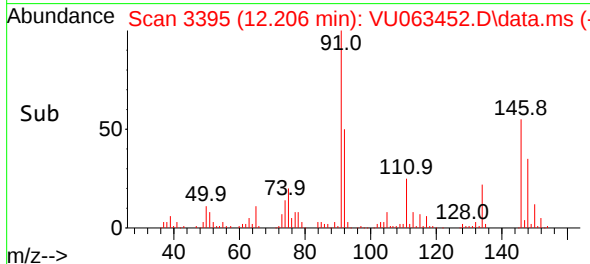
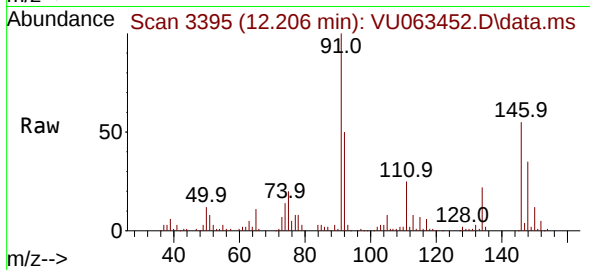
#85
1,2-Dichlorobenzene
Concen: 1.988 ug/l
RT: 12.206 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Tgt Ion:146 Resp: 59654
Ion Ratio Lower Upper
146 100
111 45.2 21.8 65.4
148 63.6 32.3 96.9

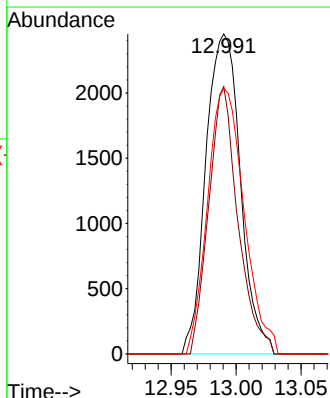
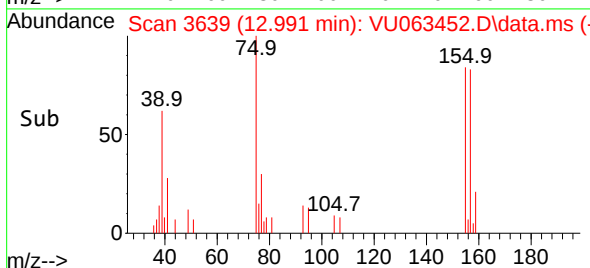
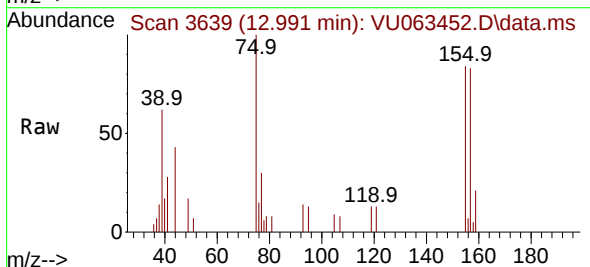
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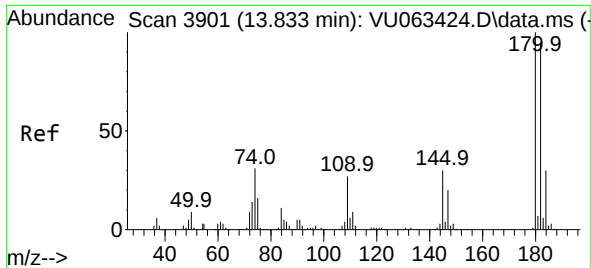
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 2.102 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

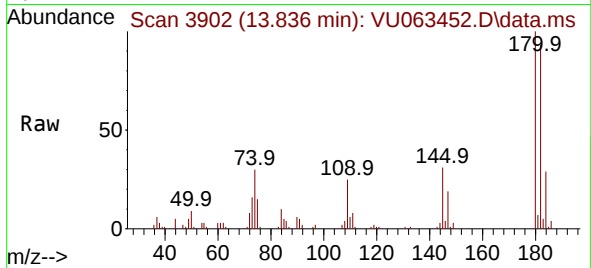
Tgt Ion: 75 Resp: 4533
Ion Ratio Lower Upper
75 100
155 70.7 59.7 89.5
157 87.4 75.0 112.4





#87
1,2,4-Trichlorobenzene
Concen: 1.935 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

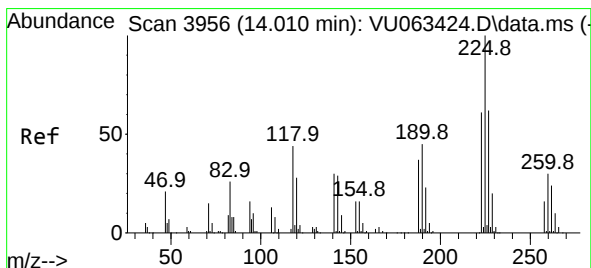
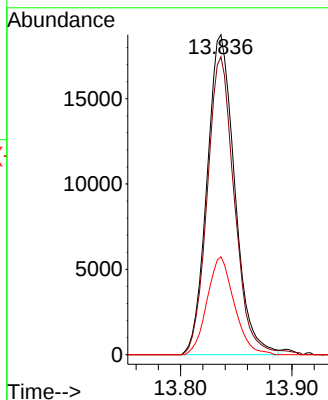
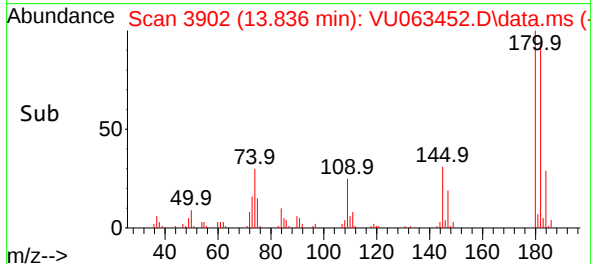
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



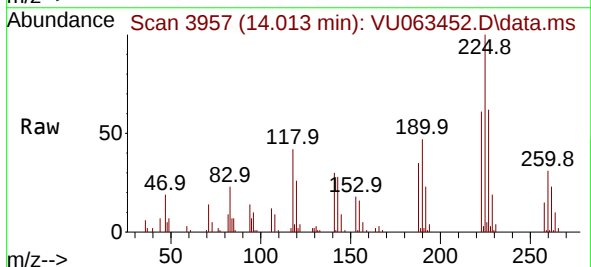
Tgt Ion:180 Resp: 3238
Ion Ratio Lower Upper
180 100
182 91.4 75.6 113.4
145 29.9 24.6 36.8

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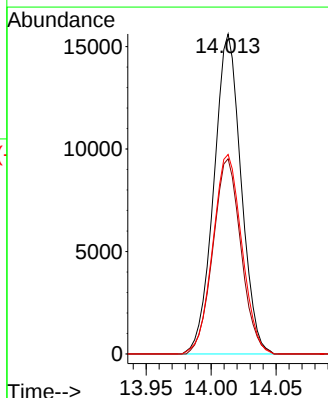
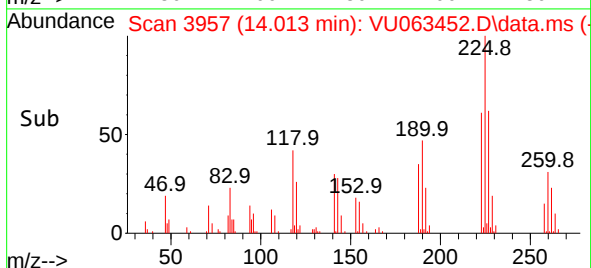
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

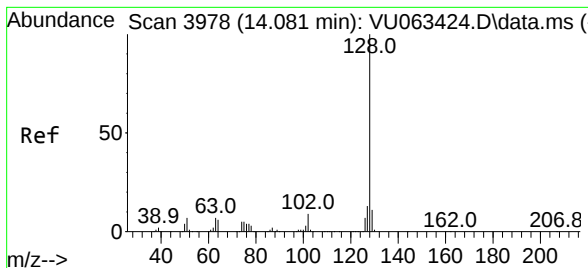


#88
Hexachlorobutadiene
Concen: 1.916 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27



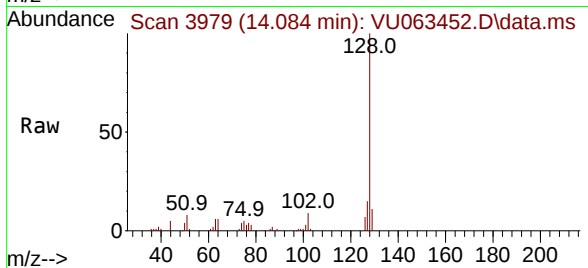
Tgt Ion:225 Resp: 22737
Ion Ratio Lower Upper
225 100
223 62.8 50.0 75.0
227 66.4 51.5 77.3





#89
Naphthalene
Concen: 2.181 ug/l
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

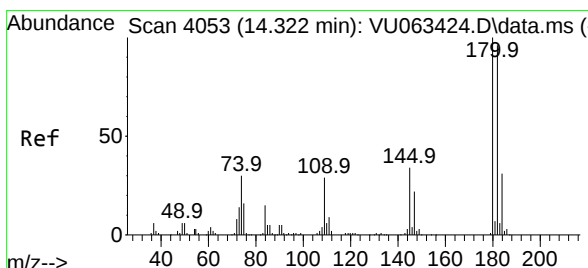
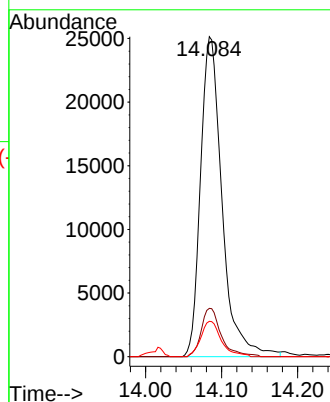
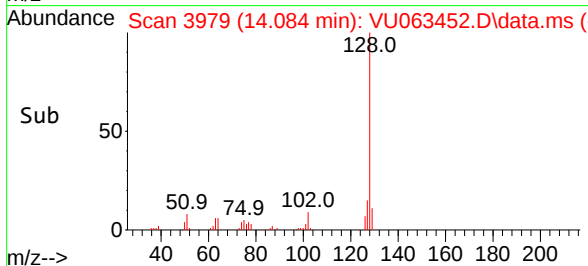
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01



Tgt Ion:128 Resp: 49435
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 10.6 8.7 13.1

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



#90
1,2,3-Trichlorobenzene
Concen: 1.760 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063452.D
Acq: 25 Jun 2025 11:27

Tgt Ion:180 Resp: 29291
Ion Ratio Lower Upper
180 100
182 95.9 76.7 115.1
145 33.4 27.4 41.2

