

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063432.D
 Acq On : 24 Jun 2025 11:48
 Operator : MD/SY
 Sample : VU0624WBS01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

Quant Time: Jun 25 06:22:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	50423	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	18541	1.002	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	18461	0.993	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	37732	1.948	ug/l	98
3) Chloromethane	1.518	50	42308	1.658	ug/l	99
4) Vinyl Chloride	1.599	62	36052	1.650	ug/l	100
5) Bromomethane	1.849	94	20046	1.915	ug/l	100
6) Chloroethane	1.927	64	18221	1.408	ug/l	96
7) Trichlorofluoromethane	2.129	101	42938	1.724	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.566	101	21761	1.640	ug/l	91
9) 1,1-Dichloroethene	2.566	96	22342	1.687	ug/l	85
10) Iodomethane	2.708	142	17112	1.601	ug/l	98
11) Allyl Chloride	2.907	41	27398	1.162	ug/l	89
12) Acrylonitrile	3.309	53	10077	2.634	ug/l	# 86
13) Acetone	2.621	43	17584	4.617	ug/l	99
14) Carbon Disulfide	2.775	76	67706	1.466	ug/l	97
15) Methylene Chloride	3.029	84	26324	1.569	ug/l	87
16) trans-1,2-Dichloroethene	3.335	96	25844	1.735	ug/l	85
17) 1,1-Dichloroethane	3.849	63	63500	2.030	ug/l	99
18) 2-Butanone	4.721	43	46546	8.719	ug/l	99
19) Cyclohexane	5.361	56	43798	1.851	ug/l	99
20) Methylcyclohexane	6.746	83	37512	1.707	ug/l	94
21) 2,2-Dichloropropane	4.644	77	42918	1.930	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	32017	1.969	ug/l	100
23) Diethyl Ether	2.370	59	16242	1.360	ug/l	89
24) tert-Butyl Alcohol	3.203	59	17502	13.907	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	57010	1.583	ug/l	99
26) Bromochloromethane	4.959	128	12581	1.988	ug/l	99
27) Chloroform	5.071	83	57998	1.978	ug/l	96
28) 1,1,1-Trichloroethane	5.296	97	47422	1.994	ug/l	97
29) 1,1-Dichloropropene	5.505	75	43165	1.987	ug/l	96
30) Carbon Tetrachloride	5.502	117	37915	1.997	ug/l	98
31) Isopropyl Ether	3.997	45	97025	1.985	ug/l	97
32) Ethyl-t-butyl ether	4.505	59	80511	1.944	ug/l	100
33) Tert-Amyl methyl ether	5.946	73	52925	1.785	ug/l	98
34) Propionitrile	4.782	54	15425	9.989	ug/l	99
35) Benzene	5.759	78	133266	2.028	ug/l	99
36) 1,2-Dichloroethane	5.788	62	37941	1.975	ug/l	100
37) Trichloroethene	6.531	130	29814	1.920	ug/l	98
38) 1,2-Dichloropropane	6.785	63	35505	1.957	ug/l	99
39) Methacrylonitrile	4.975	41	12237m	1.905	ug/l	
40) Methyl acrylate	4.856	55	16865	1.870	ug/l	# 96
41) Tetrahydrofuran	5.065	42	12759	3.692	ug/l	99
42) 1-Chlorobutane	5.441	56	55270	1.794	ug/l	99
43) Dibromomethane	6.914	93	16966	2.001	ug/l	95
44) Bromodichloromethane	7.100	83	40566	1.965	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
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 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 25 06:22:35 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	79447	8.731	ug/l	95
46) t-1,4-Dichloro-2-butene	10.827	75	12308m	4.115	ug/l	
47) Methyl methacrylate	6.971	69	22850	3.614	ug/l	98
48) Ethyl methacrylate	8.338	69	20945	1.891	ug/l	98
49) Toluene	7.962	92	67670	1.876	ug/l	96
50) t-1,3-Dichloropropene	8.209	75	26422	1.774	ug/l	95
51) cis-1,3-Dichloropropene	7.602	75	36853	1.843	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	23388	1.887	ug/l	96
53) 1,3-Dichloropropane	8.569	76	41741	1.958	ug/l	99
54) 2-Hexanone	8.692	43	49438	8.736	ug/l	95
55) Dibromochloromethane	8.801	129	25308	1.979	ug/l	96
56) 1,2-Dibromoethane	8.920	107	20144	2.005	ug/l	100
58) Tetrachloroethene	8.544	164	29722	1.951	ug/l	97
59) Chlorobenzene	9.441	112	73659	1.907	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	27055	1.946	ug/l	98
61) Pentachloroethane	11.418	117	23339	2.061	ug/l	95
62) Hexachloroethane	12.466	117	21061	2.068	ug/l	95
63) Ethyl Benzene	9.563	91	114369	1.847	ug/l	100
64) m/p-Xylenes	9.688	106	86586	3.629	ug/l	97
65) o-Xylene	10.093	106	42442	1.804	ug/l	98
66) Styrene	10.110	104	70793	1.856	ug/l	99
67) Bromoform	10.283	173	13034	1.866	ug/l	98
69) Isopropylbenzene	10.476	105	102462	1.880	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	32083	2.024	ug/l	97
71) 1,2,3-Trichloropropane	10.817	75	26566m	2.052	ug/l	
72) Bromobenzene	10.778	156	29826	1.950	ug/l	85
73) n-propylbenzene	10.897	120	31372	1.895	ug/l	97
74) 2-Chlorotoluene	10.978	126	29231	1.933	ug/l	96
75) 1,3,5-Trimethylbenzene	11.081	105	98718	1.842	ug/l	97
76) 4-Chlorotoluene	11.093	126	31381	1.981	ug/l	92
77) tert-Butylbenzene	11.412	119	95430	1.906	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	98098	1.844	ug/l	99
79) sec-Butylbenzene	11.637	105	137752	1.943	ug/l	98
80) Nitrobenzene	13.216	77	6073m	9.432	ug/l	
81) p-Isopropyltoluene	11.785	119	104423	1.881	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	63917	2.017	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	64352	1.958	ug/l	99
84) n-Butylbenzene	12.203	91	106675	1.838	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	59771	1.971	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	4374	2.007	ug/l	99
87) 1,2,4-Trichlorobenzene	13.836	180	30544	1.807	ug/l	99
88) Hexachlorobutadiene	14.013	225	23256	1.940	ug/l	98
89) Naphthalene	14.084	128	46534	2.092	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	28258	1.681	ug/l	99

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

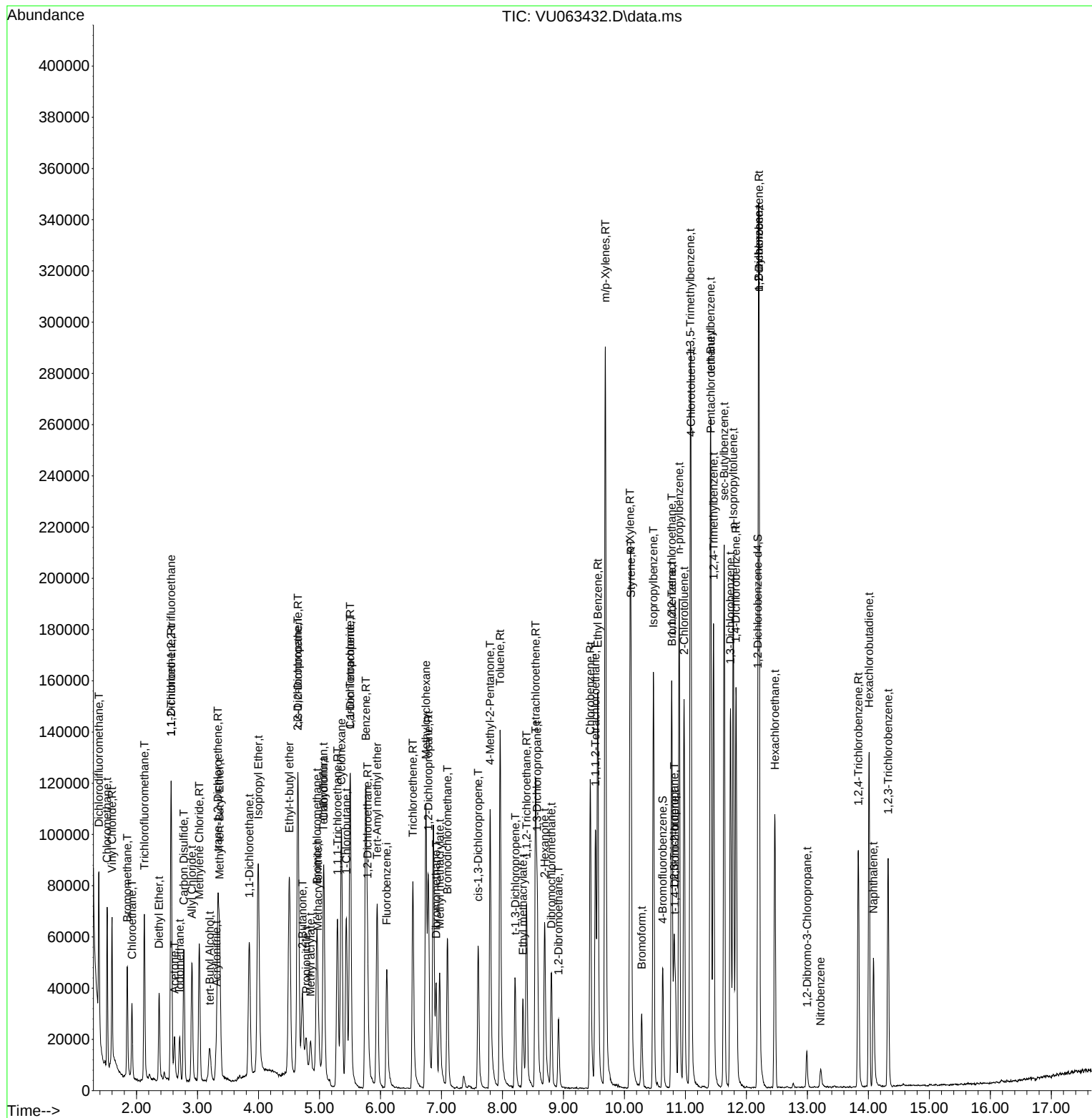
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 Data File : VU063432.D
 Acq On : 24 Jun 2025 11:48
 Operator : MD/SY
 Sample : VU0624WBS01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

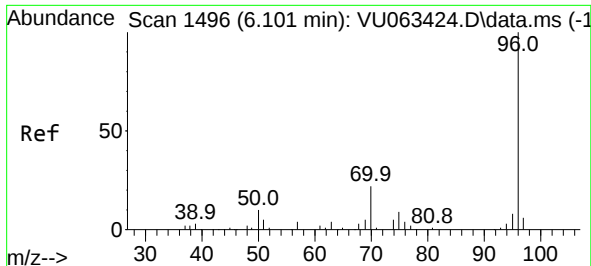
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBS01

Manual Integrations APPROVED

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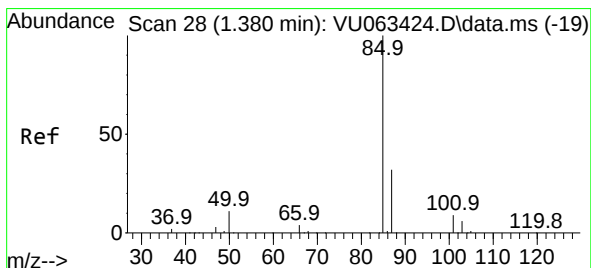
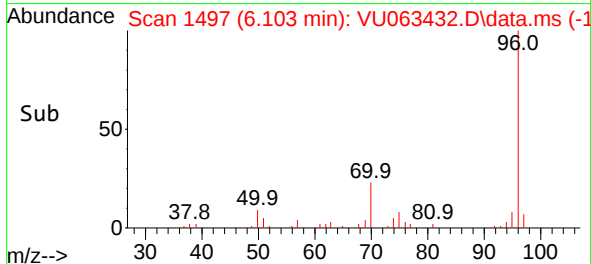
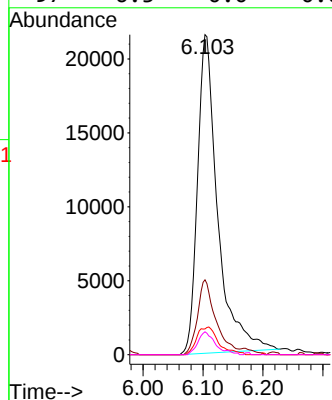
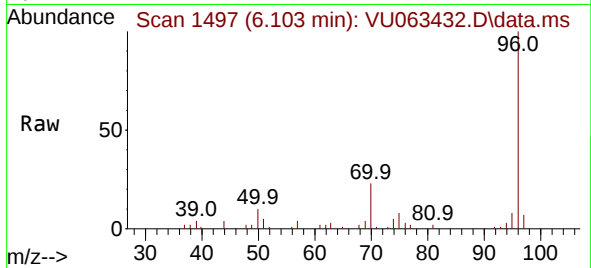
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1496
Delta R.T. 0.002 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01

Tgt Ion: 96 Resp: 5042
Ion Ratio Lower Upper
96 100
70 19.3 16.4 24.6
95 9.4 6.2 9.2
97 6.3 0.0 0.0

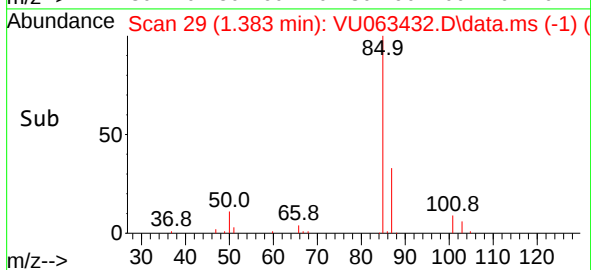
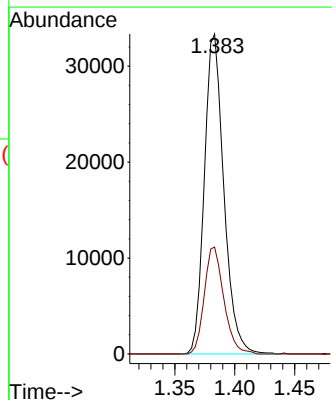
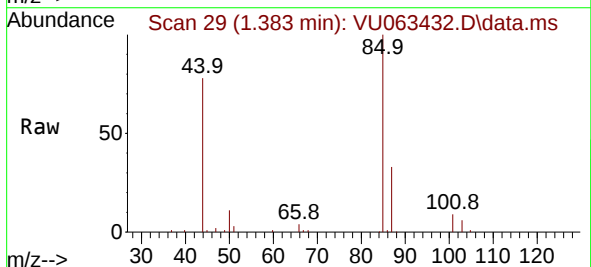
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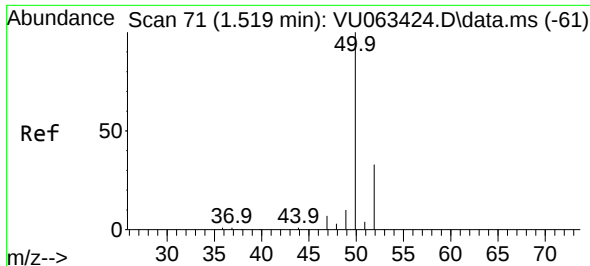
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#2
Dichlorodifluoromethane
Concen: 1.948 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

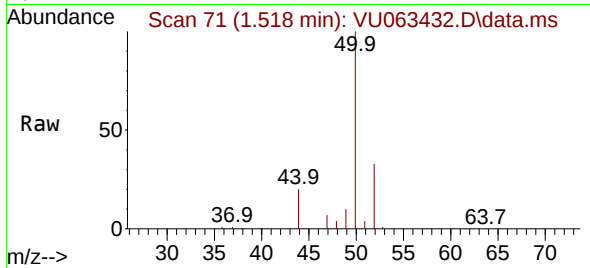
Tgt Ion: 85 Resp: 37732
Ion Ratio Lower Upper
85 100
87 33.4 16.2 48.5





#3
Chloromethane
Concen: 1.658 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.001 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

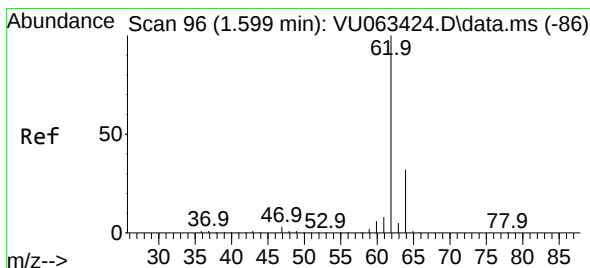
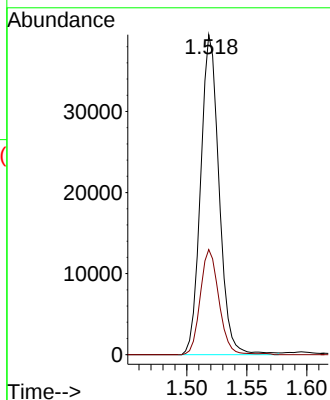
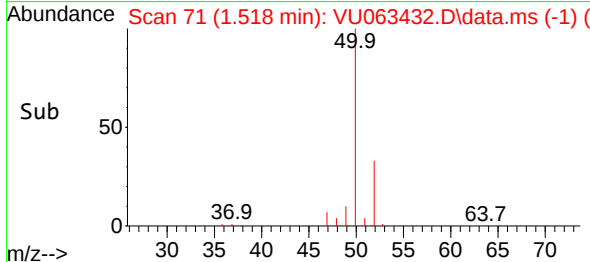
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01



Tgt Ion: 50 Resp: 42308
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0

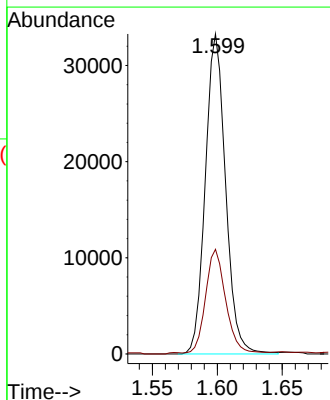
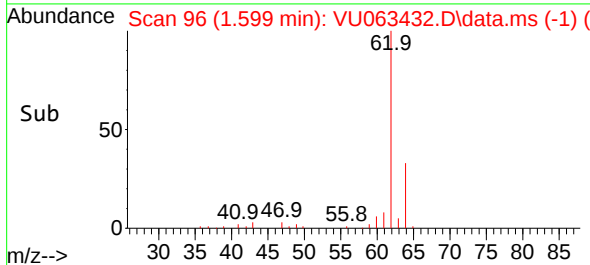
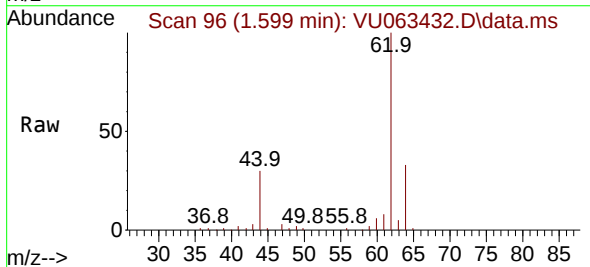
Manual Integrations
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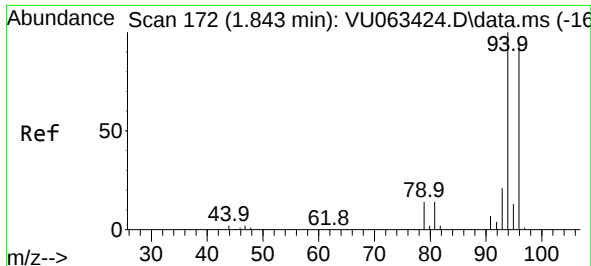
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#4
Vinyl Chloride
Concen: 1.650 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.001 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

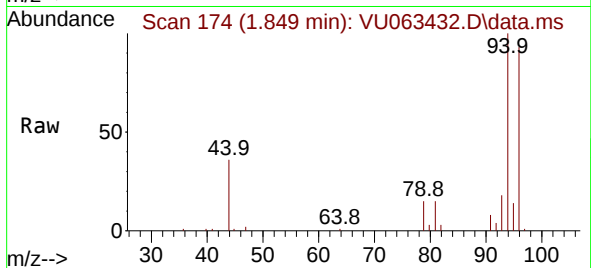
Tgt Ion: 62 Resp: 36052
Ion Ratio Lower Upper
62 100
64 32.3 25.7 38.5





#5
Bromomethane
Concen: 1.915 ug/l
RT: 1.849 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

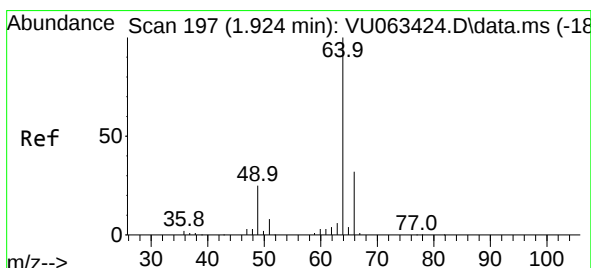
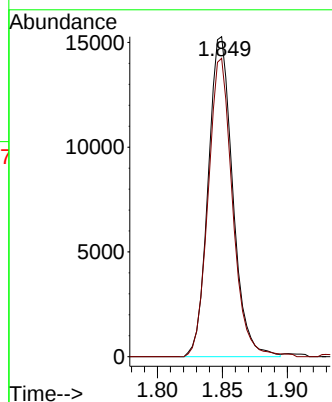
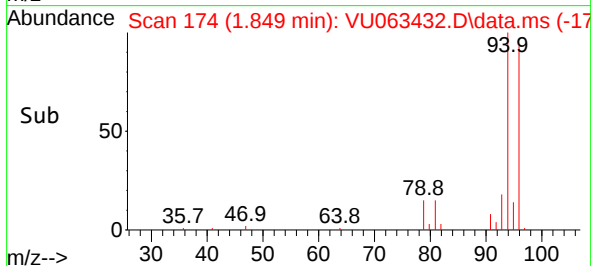
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01



Tgt Ion: 94 Resp: 20040
Ion Ratio Lower Upper
94 100
96 93.3 74.8 112.2

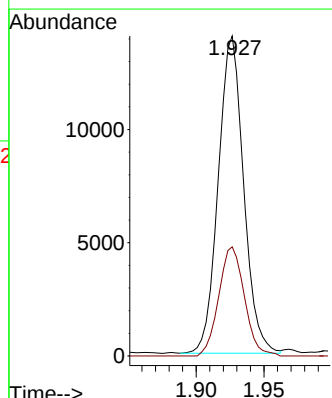
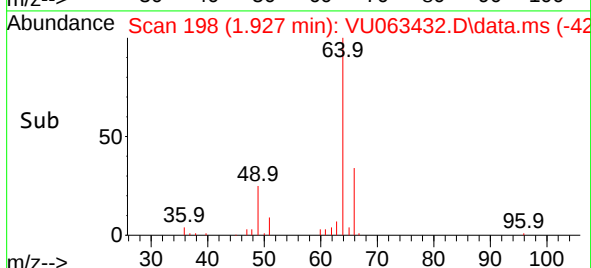
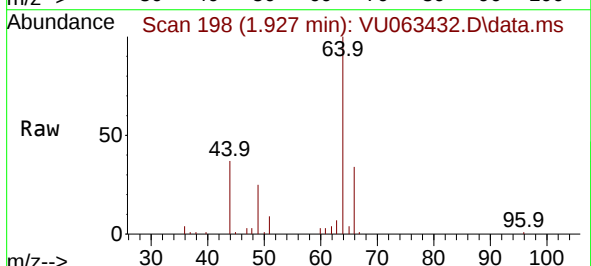
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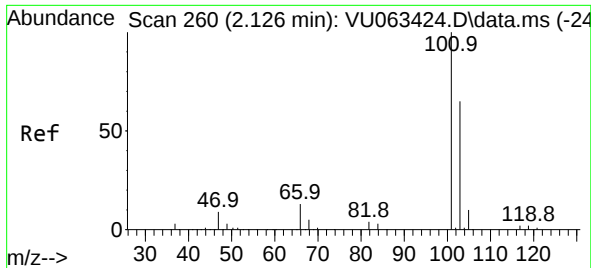
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#6
Chloroethane
Concen: 1.408 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

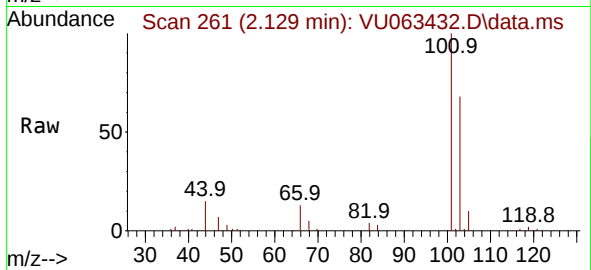
Tgt Ion: 64 Resp: 18221
Ion Ratio Lower Upper
64 100
66 34.4 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 1.724 ug/l
 RT: 2.129 min Scan# 261
 Delta R.T. 0.003 min
 Lab File: VU063432.D
 Acq: 24 Jun 2025 11:48

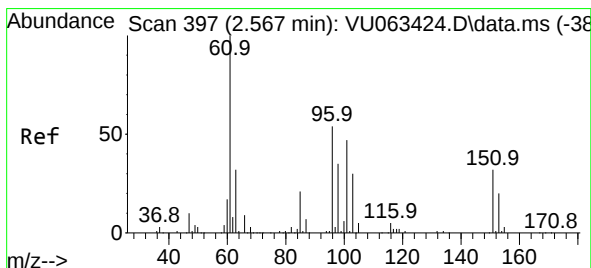
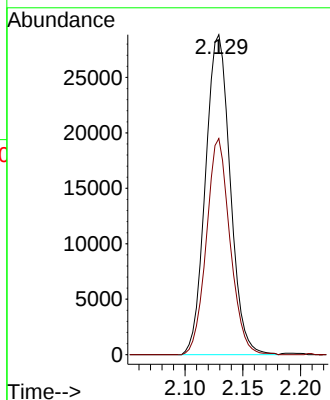
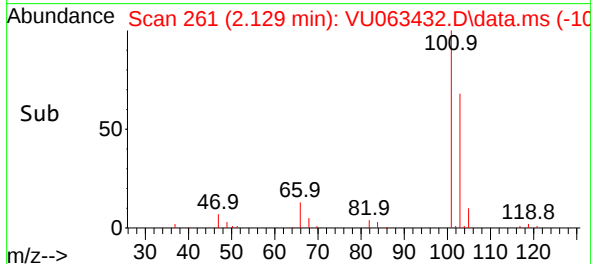
Instrument :
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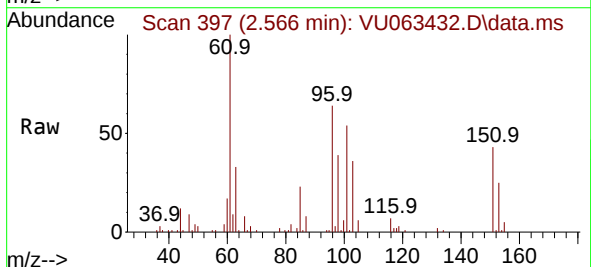
Tgt Ion:101 Resp: 42938
 Ion Ratio Lower Upper
 101 100
 103 67.5 52.3 78.5

Manual Integrations
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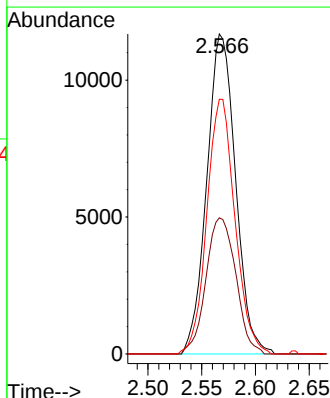
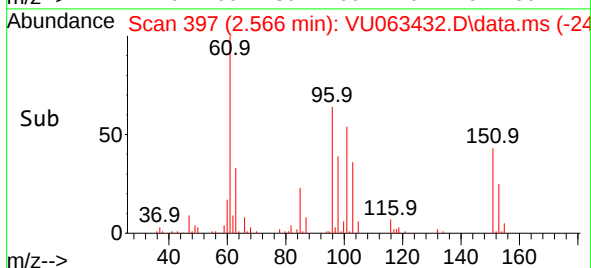
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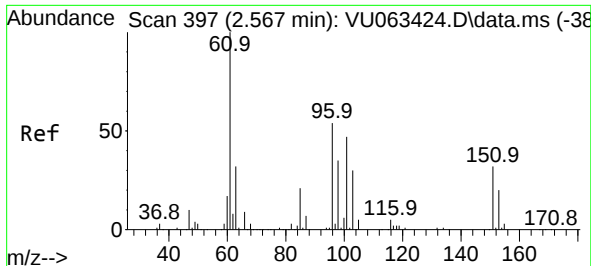


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.640 ug/l
 RT: 2.566 min Scan# 397
 Delta R.T. -0.001 min
 Lab File: VU063432.D
 Acq: 24 Jun 2025 11:48



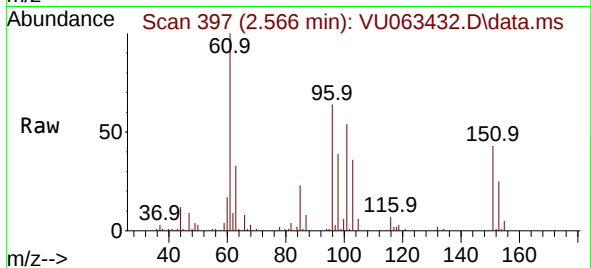
Tgt Ion:101 Resp: 21761
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.7 55.1
 151 77.8 53.9 80.9





#9
1,1-Dichloroethene
Concen: 1.687 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.001 min
Lab File: VU063432.D
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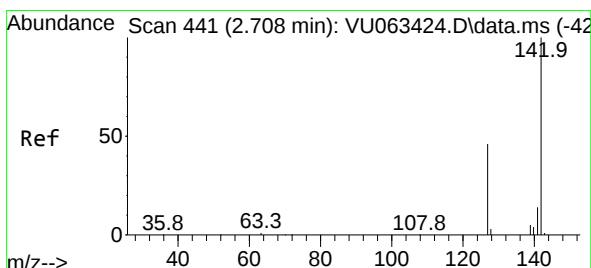
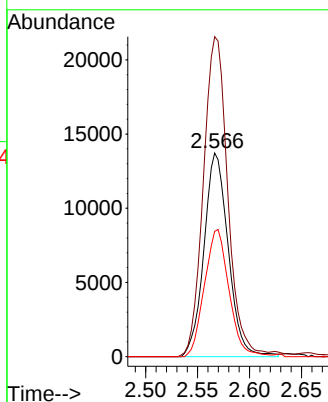
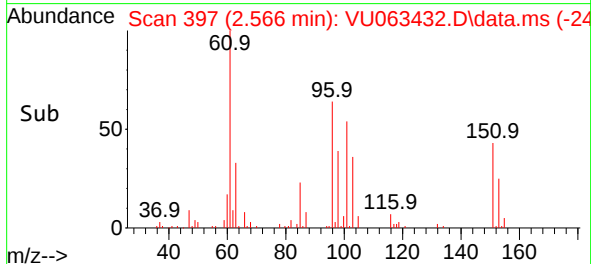
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ClientSampleId :
VU0624WBS01



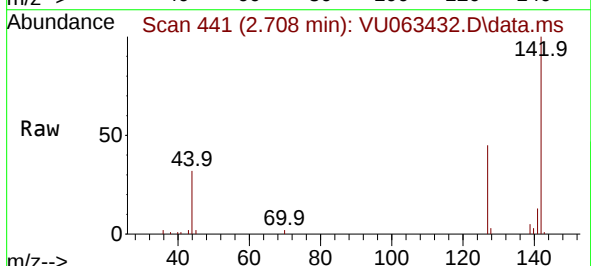
Tgt Ion: 96 Resp: 2234
Ion Ratio Lower Upper
96 100
61 157.1 0.0 552.0
98 61.5 0.0 128.4

Manual Integrations
APPROVED

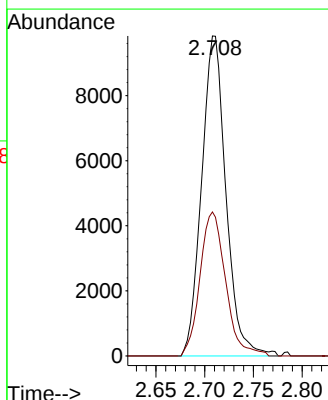
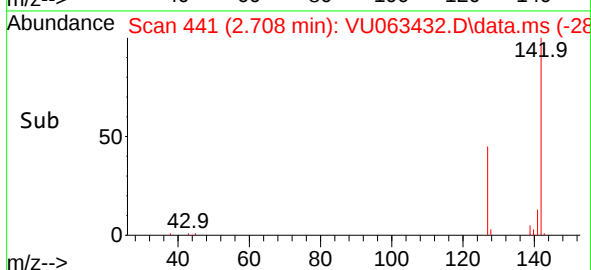
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

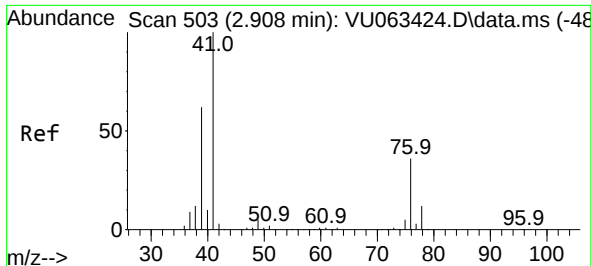


#10
Iodomethane
Concen: 1.601 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.001 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48



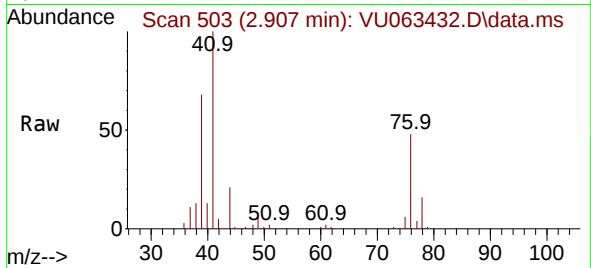
Tgt Ion:142 Resp: 17112
Ion Ratio Lower Upper
142 100
127 47.2 36.9 55.3





#11
 Allyl Chloride
 Concen: 1.162 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.001 min
 Lab File: VU063432.D
 Acq: 24 Jun 2025 11:48

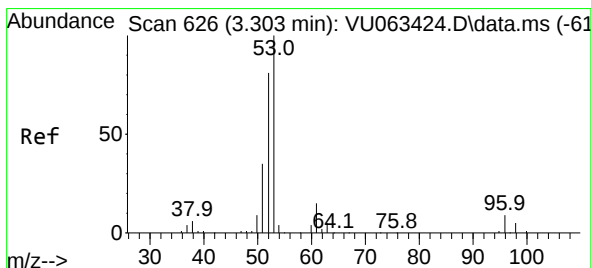
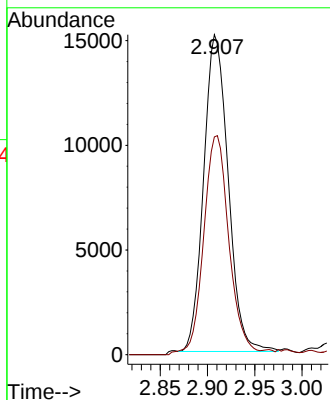
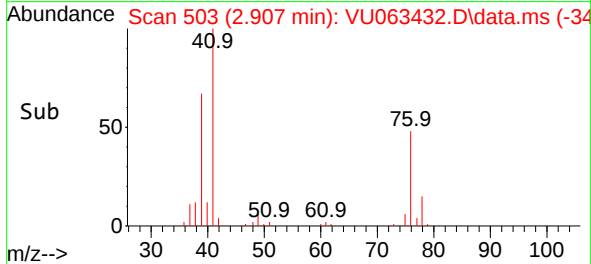
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBS01



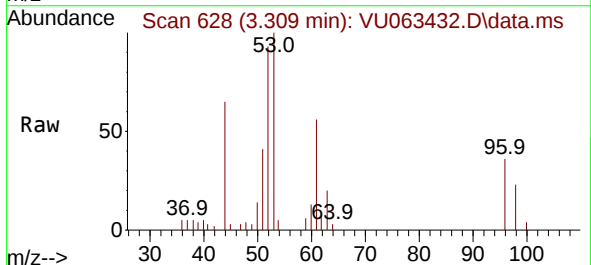
Tgt Ion: 41 Resp: 27398
 Ion Ratio Lower Upper
 41 100
 39 71.1 50.3 75.5

Manual Integrations
 APPROVED

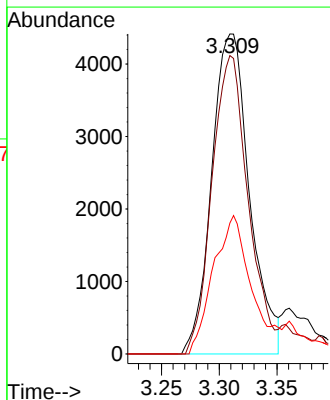
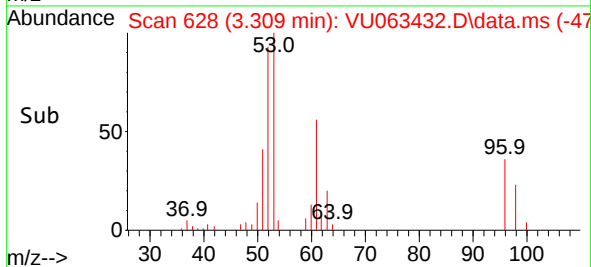
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

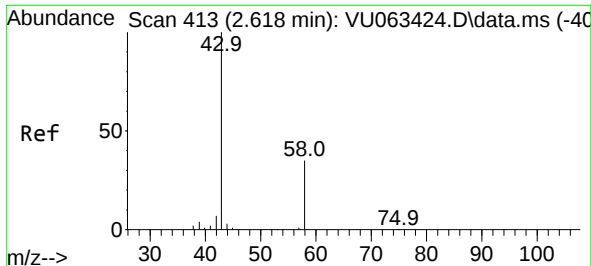


#12
 Acrylonitrile
 Concen: 2.634 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.006 min
 Lab File: VU063432.D
 Acq: 24 Jun 2025 11:48



Tgt Ion: 53 Resp: 10077
 Ion Ratio Lower Upper
 53 100
 52 88.7 62.8 94.2
 51 44.0 26.2 39.4





#13

Acetone

Concen: 4.617 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS01

Tgt Ion: 43 Resp: 17584

Ion Ratio Lower Upper

43 100

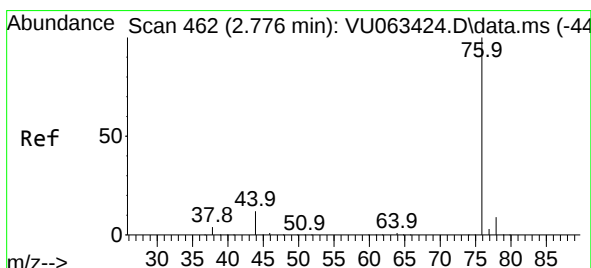
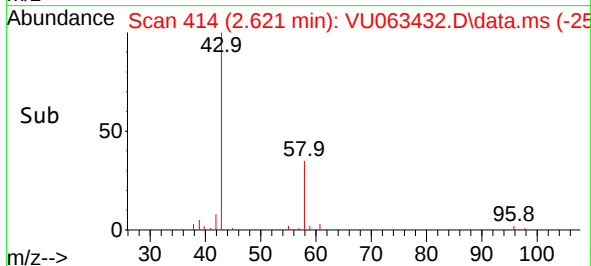
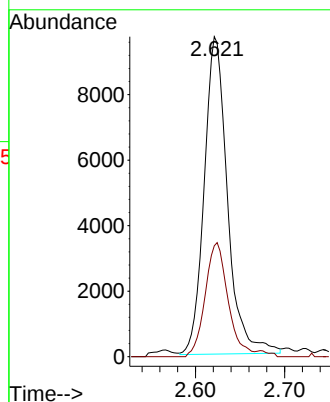
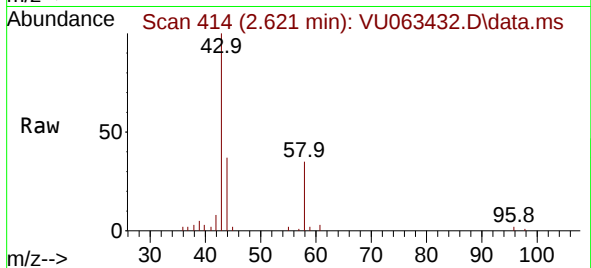
58 35.1 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#14

Carbon Disulfide

Concen: 1.466 ug/l

RT: 2.775 min Scan# 462

Delta R.T. -0.001 min

Lab File: VU063432.D

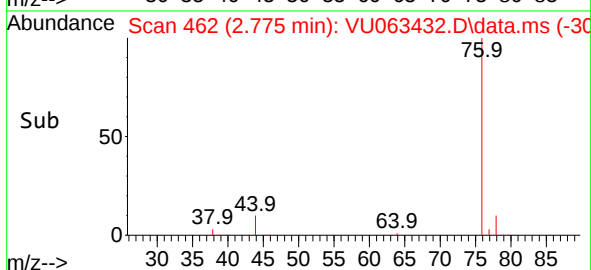
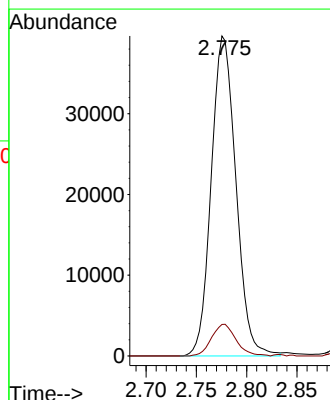
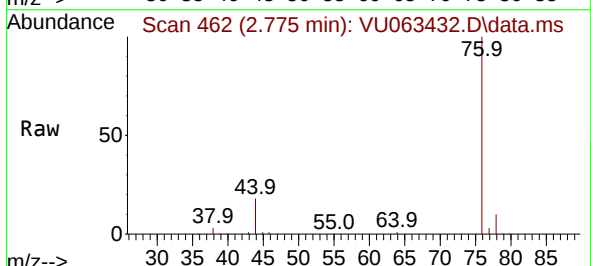
Acq: 24 Jun 2025 11:48

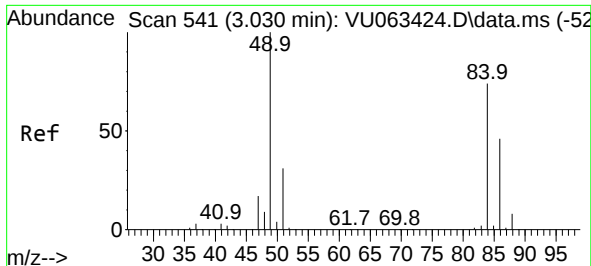
Tgt Ion: 76 Resp: 67706

Ion Ratio Lower Upper

76 100

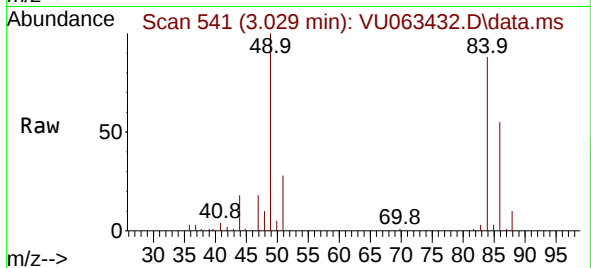
78 9.8 6.9 10.3





#15
Methylene Chloride
Concen: 1.569 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.001 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

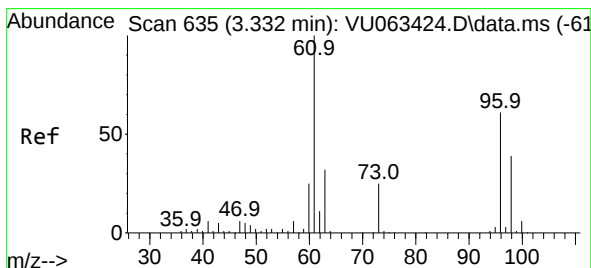
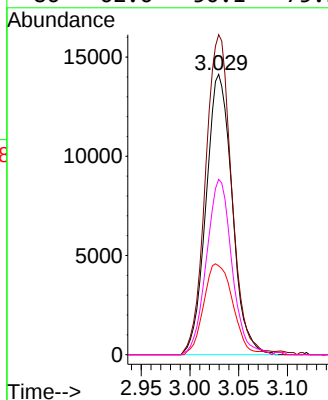
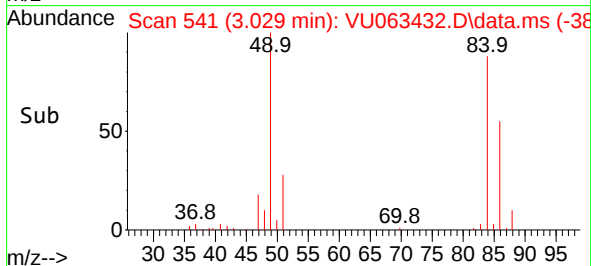
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01



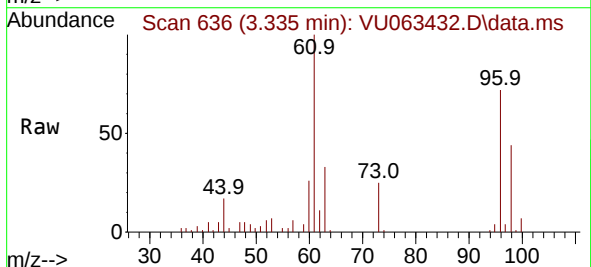
Tgt Ion: 84 Resp: 26324
Ion Ratio Lower Upper
84 100
49 114.2 108.7 163.1
51 31.7 0.0 83.8
86 62.6 50.1 75.1

Manual Integrations
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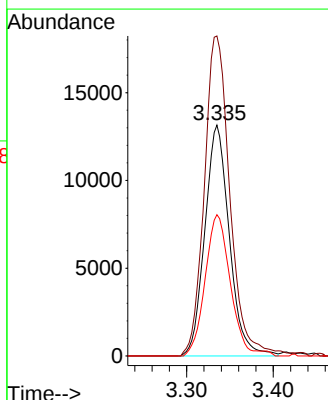
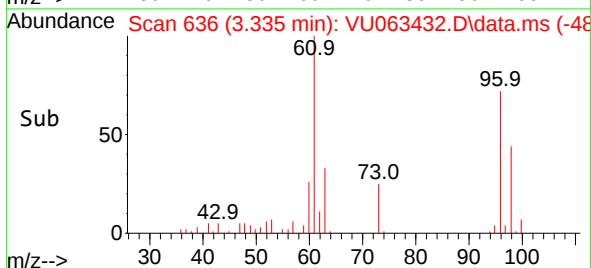
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#16
trans-1,2-Dichloroethene
Concen: 1.735 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48



Tgt Ion: 96 Resp: 25844
Ion Ratio Lower Upper
96 100
61 138.6 132.1 198.1
98 61.2 51.0 76.4





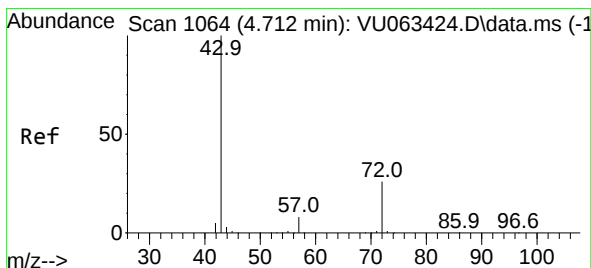
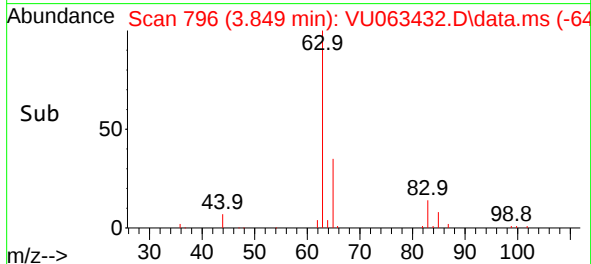
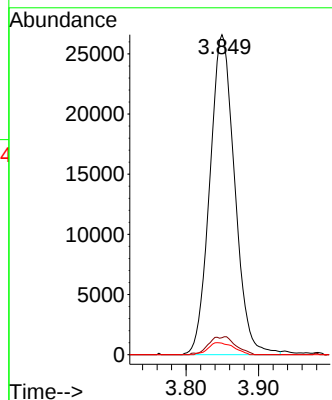
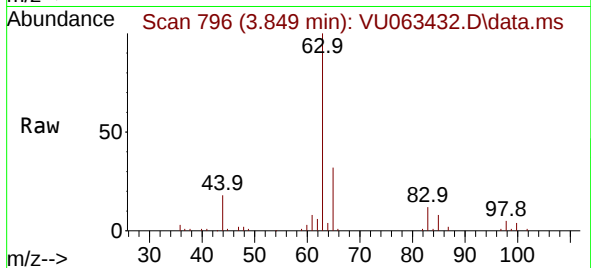
#17
 1,1-Dichloroethane
 Concen: 2.030 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.001 min
 Lab File: VU063432.D
 Acq: 24 Jun 2025 11:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBS01

Tgt Ion: 63 Resp: 63500
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.8 8.4
 100 3.6 1.9 5.7

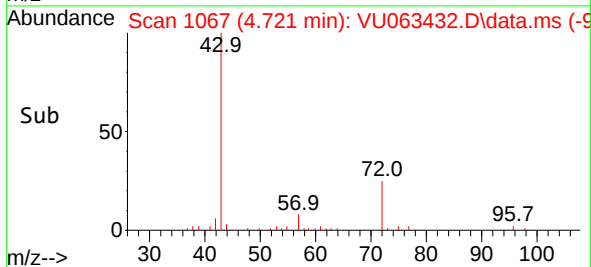
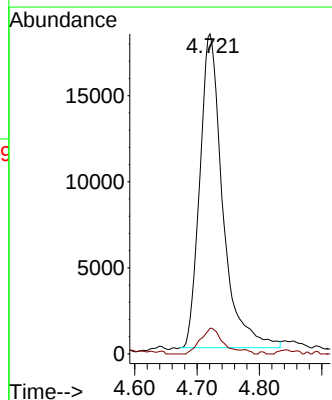
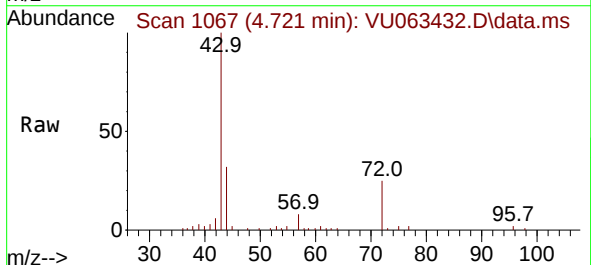
Manual Integrations
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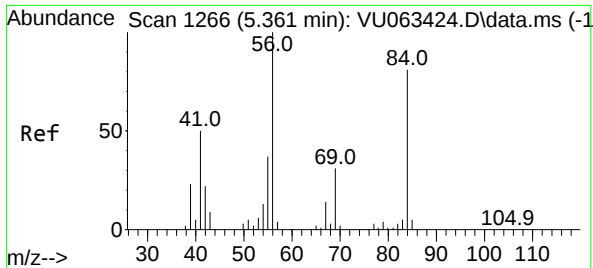
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#18
 2-Butanone
 Concen: 8.719 ug/l
 RT: 4.721 min Scan# 1067
 Delta R.T. 0.009 min
 Lab File: VU063432.D
 Acq: 24 Jun 2025 11:48

Tgt Ion: 43 Resp: 46546
 Ion Ratio Lower Upper
 43 100
 57 8.2 0.0 16.0





#19

Cyclohexane

Concen: 1.851 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.001 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS01

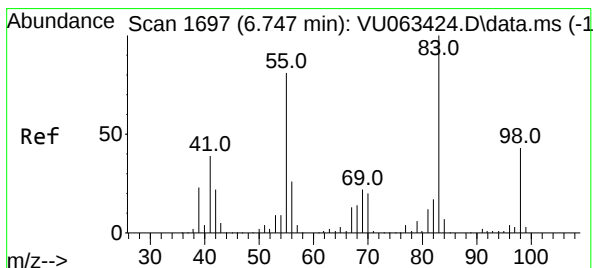
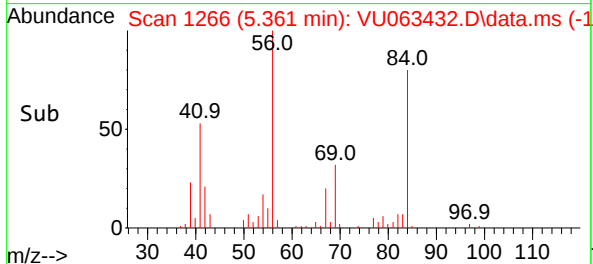
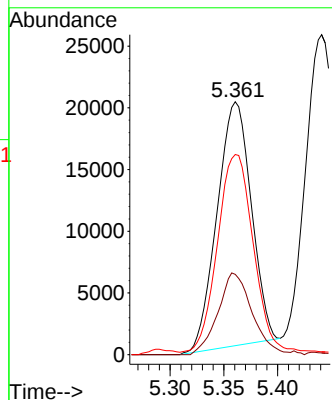
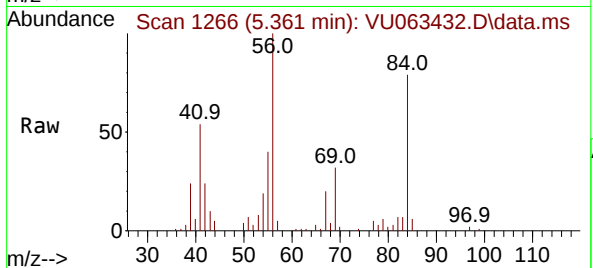
Tgt Ion: 56 Resp: 43798

Ion	Ratio	Lower	Upper
56	100		
69	32.1	26.4	39.6
84	84.6	68.6	102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#20

Methylcyclohexane

Concen: 1.707 ug/l

RT: 6.746 min Scan# 1697

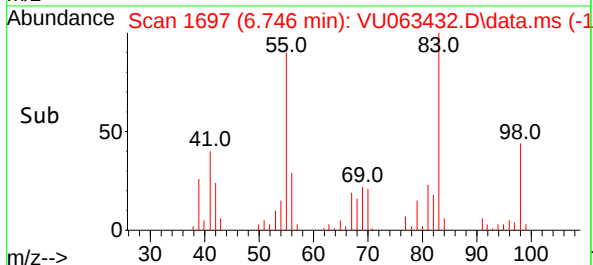
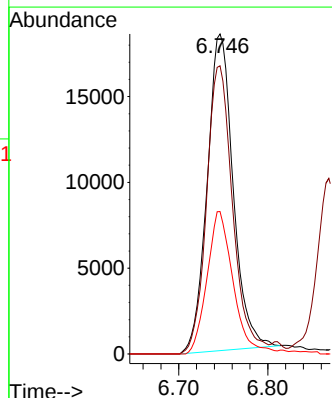
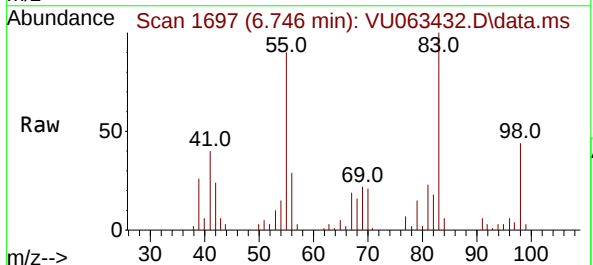
Delta R.T. -0.001 min

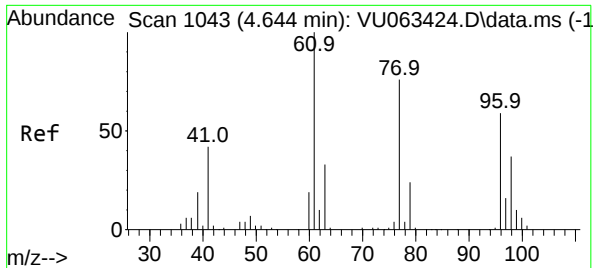
Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Tgt Ion: 83 Resp: 37512

Ion	Ratio	Lower	Upper
83	100		
55	87.3	63.5	95.3
98	43.5	34.2	51.4





#21

2,2-Dichloropropane

Concen: 1.930 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.001 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS01

Tgt Ion: 77 Resp: 42918

Ion Ratio Lower Upper

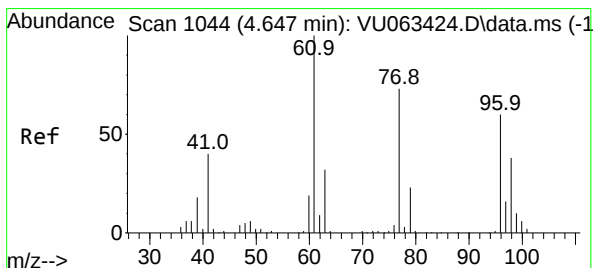
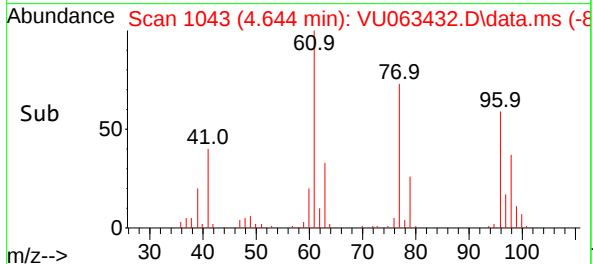
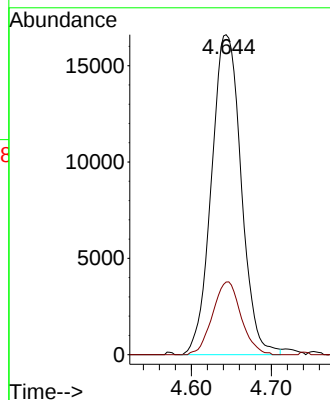
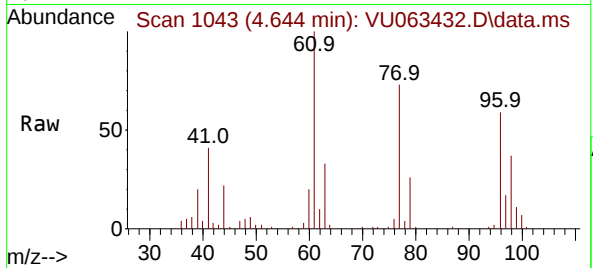
77 100

97 21.8 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#22

cis-1,2-Dichloroethene

Concen: 1.969 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

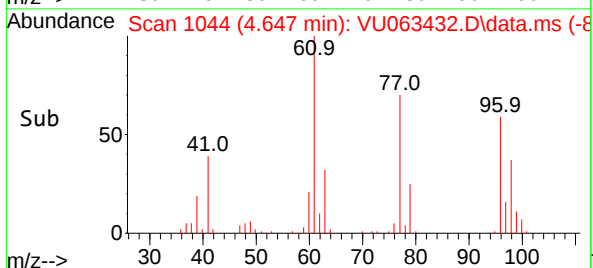
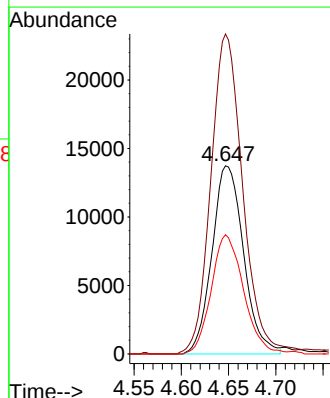
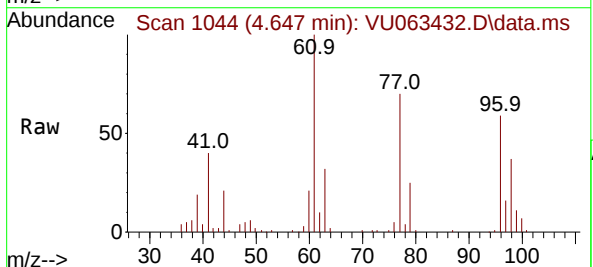
Tgt Ion: 96 Resp: 32017

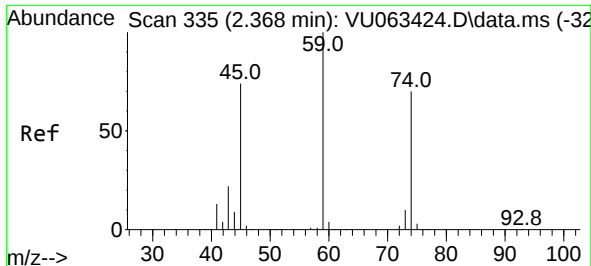
Ion Ratio Lower Upper

96 100

61 173.4 0.0 434.3

98 64.5 31.9 95.7





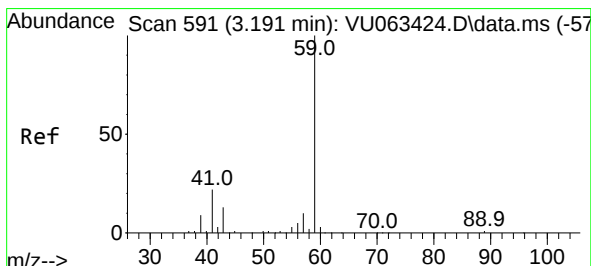
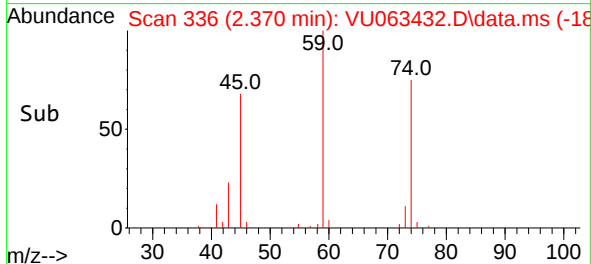
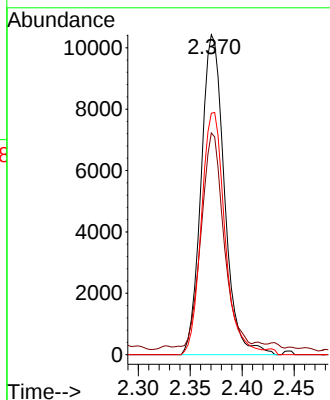
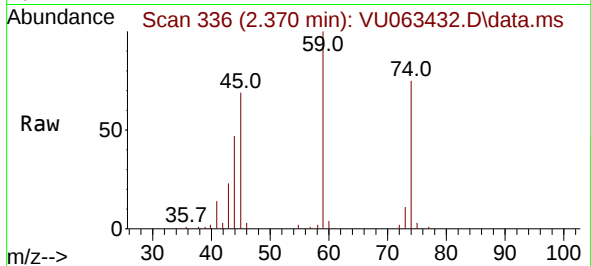
#23
Diethyl Ether
Concen: 1.360 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01

Tgt Ion: 59 Resp: 1624
Ion Ratio Lower Upper
59 100
45 63.9 60.7 91.1
74 76.8 55.8 83.6

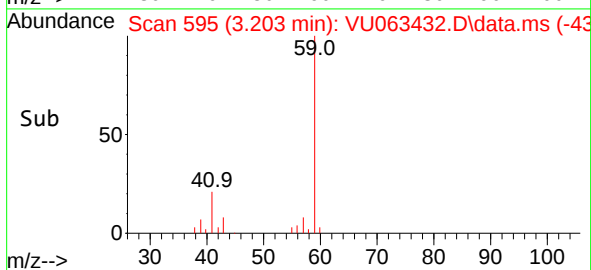
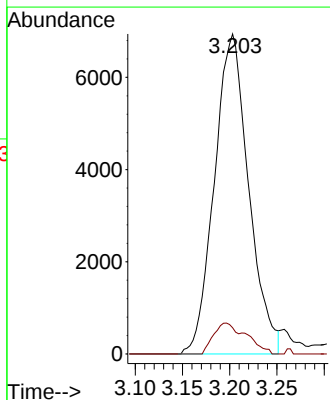
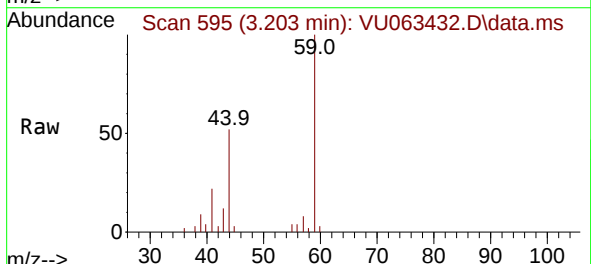
Manual Integrations
APPROVED

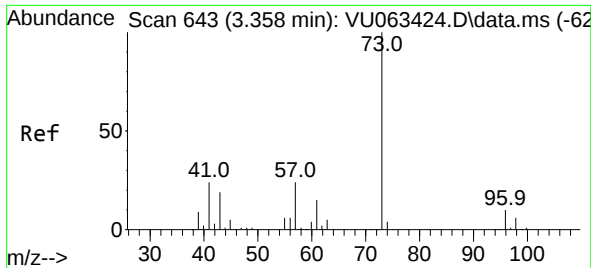
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#24
tert-Butyl Alcohol
Concen: 13.907 ug/l
RT: 3.203 min Scan# 595
Delta R.T. 0.012 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Tgt Ion: 59 Resp: 17502
Ion Ratio Lower Upper
59 100
57 9.3 7.8 11.8





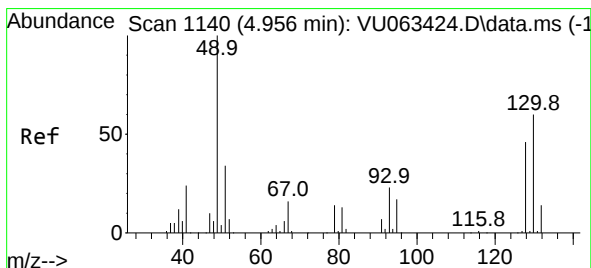
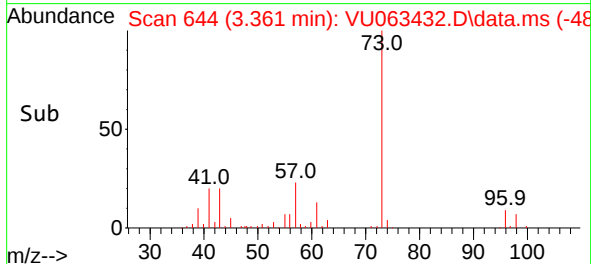
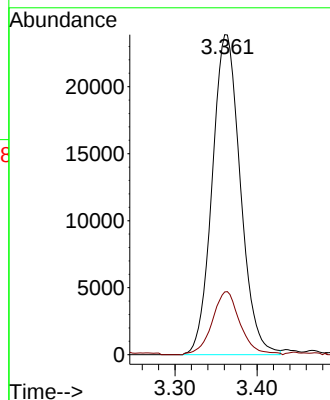
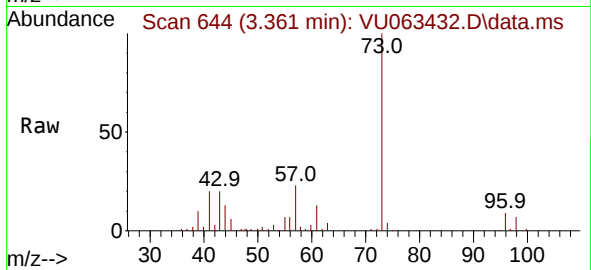
#25
Methyl tert-Butyl Ether
Concen: 1.583 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01

Tgt Ion: 73 Resp: 57010
Ion Ratio Lower Upper
73 100
43 19.5 15.1 22.7

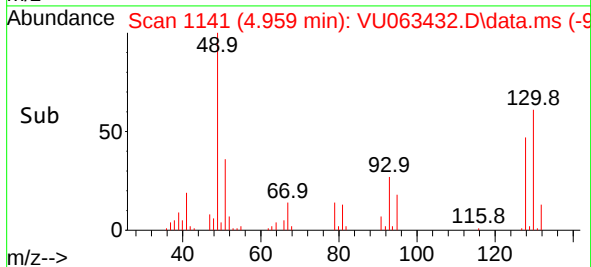
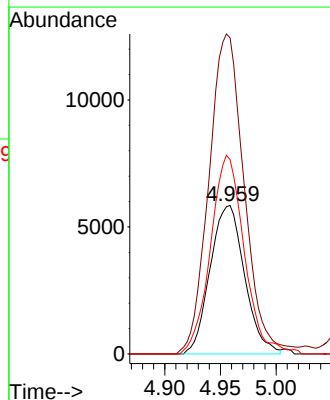
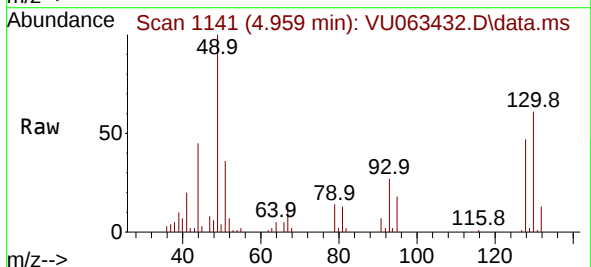
Manual Integrations
APPROVED

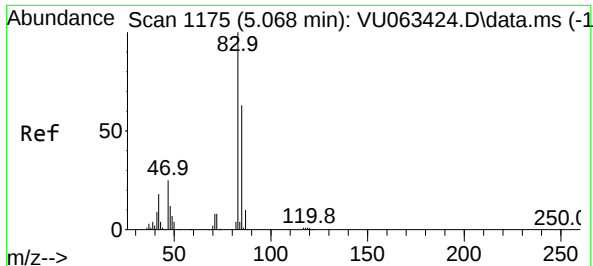
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#26
Bromochloromethane
Concen: 1.988 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Tgt Ion:128 Resp: 12581
Ion Ratio Lower Upper
128 100
49 220.8 0.0 441.2
130 131.2 102.3 153.5





#27

Chloroform

Concen: 1.978 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS01

Tgt Ion: 83 Resp: 57998

Ion Ratio Lower Upper

83 100

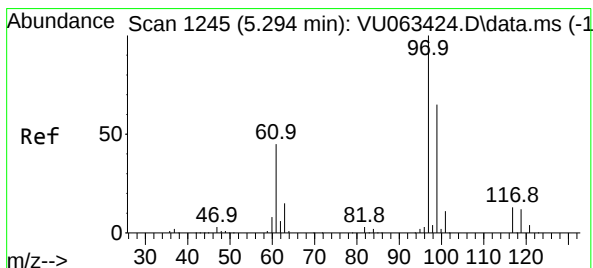
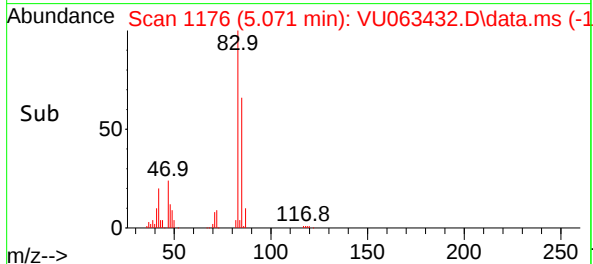
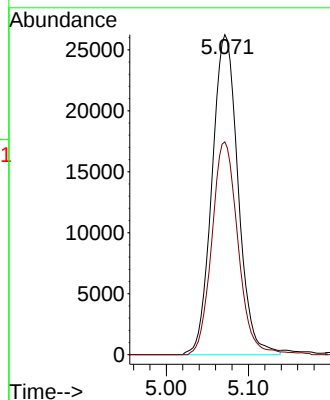
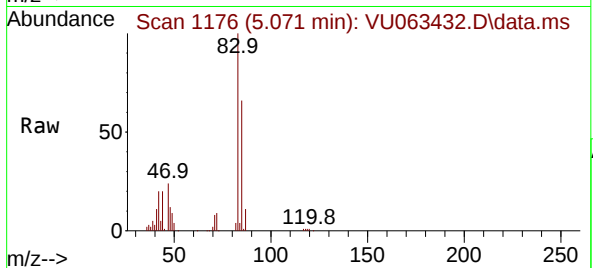
85 66.5 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#28

1,1,1-Trichloroethane

Concen: 1.994 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

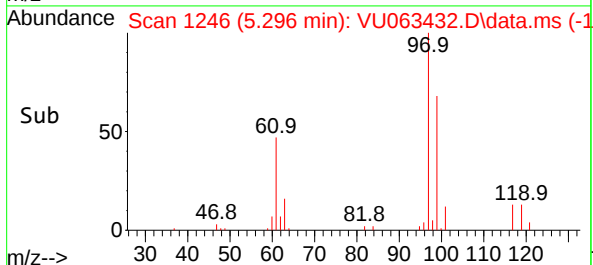
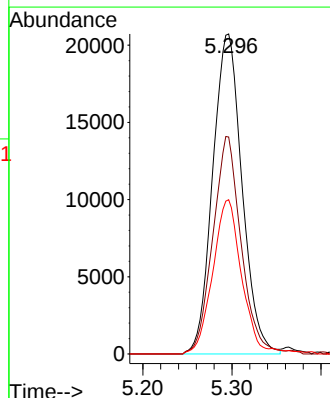
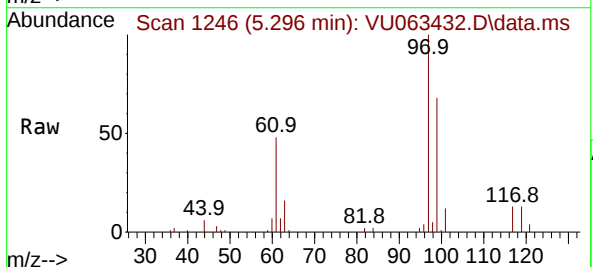
Tgt Ion: 97 Resp: 47422

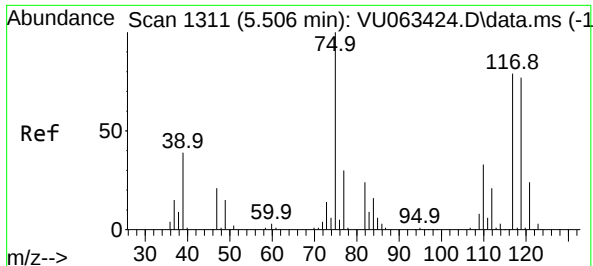
Ion Ratio Lower Upper

97 100

99 65.4 31.9 95.5

61 47.8 22.9 68.7





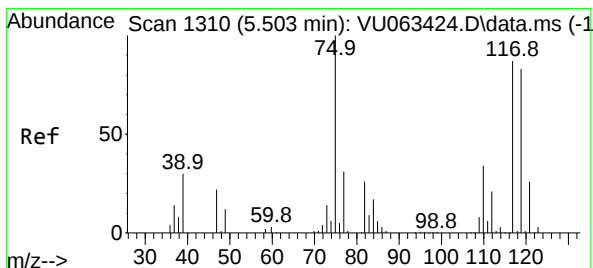
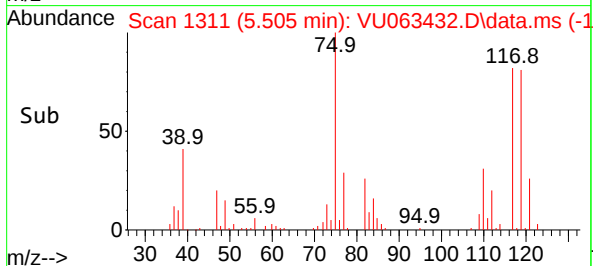
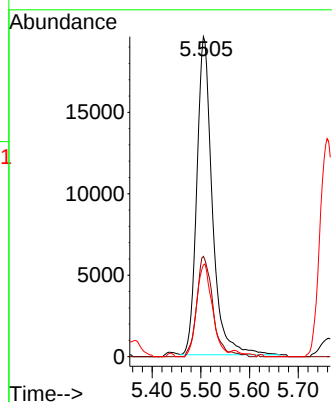
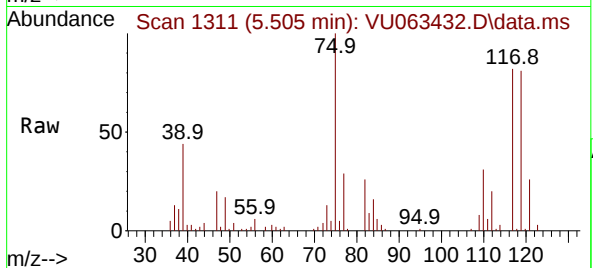
#29
1,1-Dichloropropene
Concen: 1.987 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.001 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01

Tgt Ion: 75 Resp: 4316
Ion Ratio Lower Upper
75 100
110 33.0 17.4 52.2
77 29.5 25.4 38.0

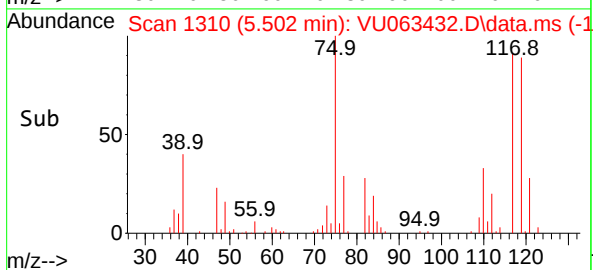
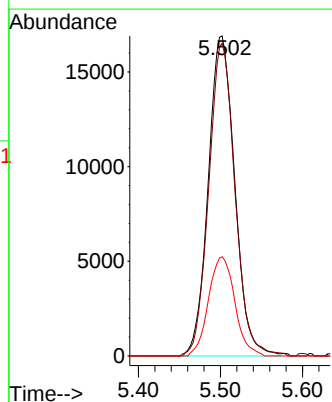
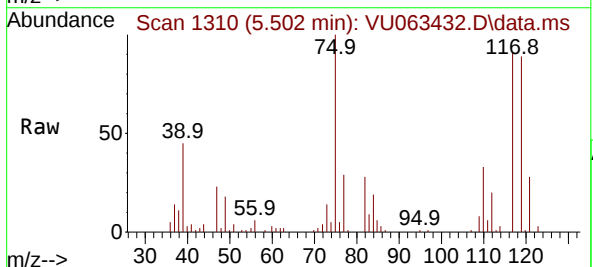
Manual Integrations
APPROVED

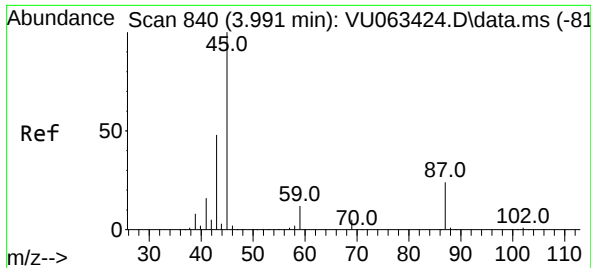
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#30
Carbon Tetrachloride
Concen: 1.997 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. -0.001 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

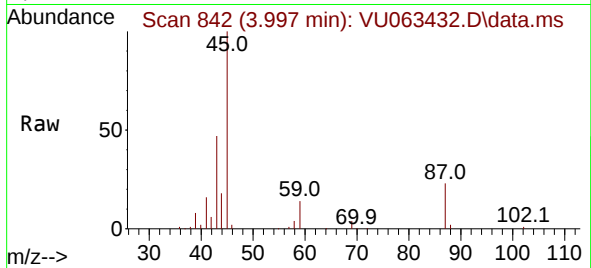
Tgt Ion:117 Resp: 37915
Ion Ratio Lower Upper
117 100
119 97.7 76.7 115.1
121 31.0 24.3 36.5





#31
Isopropyl Ether
Concen: 1.985 ug/l
RT: 3.997 min Scan# 840
Delta R.T. 0.006 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

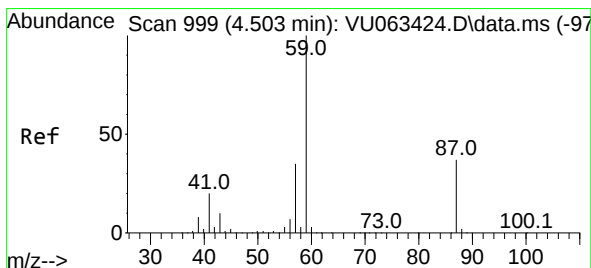
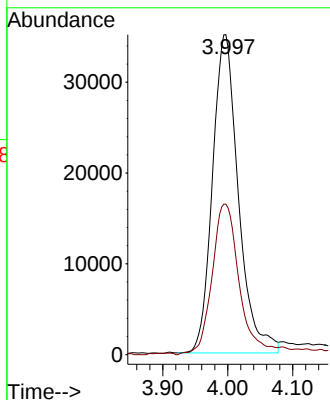
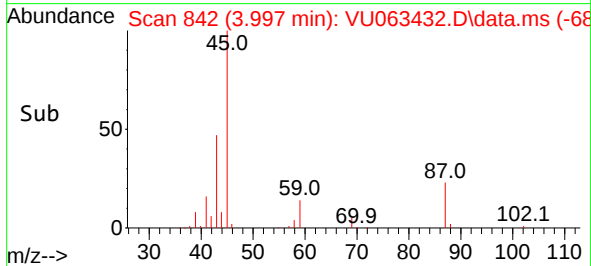
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01



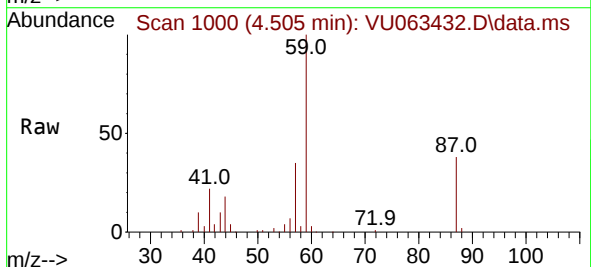
Tgt Ion: 45 Resp: 97025
Ion Ratio Lower Upper
45 100
43 49.4 23.8 71.5

Manual Integrations
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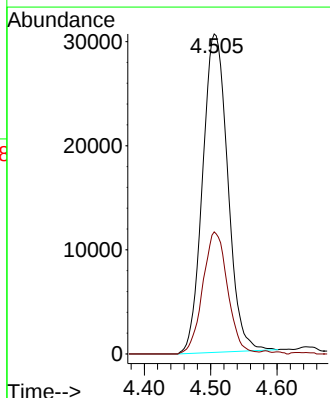
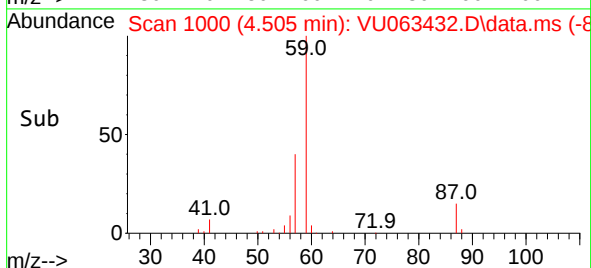
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#32
Ethyl-t-butyl ether
Concen: 1.944 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48



Tgt Ion: 59 Resp: 80511
Ion Ratio Lower Upper
59 100
87 37.2 29.9 44.9





#33

Tert-Amyl methyl ether

Concen: 1.785 ug/l

RT: 5.946 min Scan# 1447

Delta R.T. 0.003 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS01

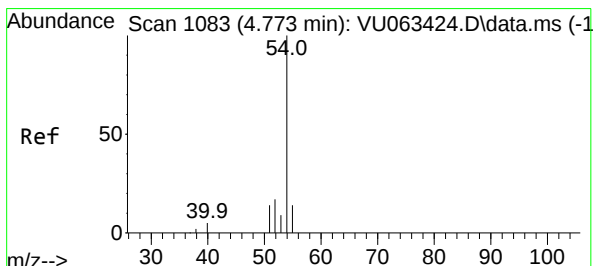
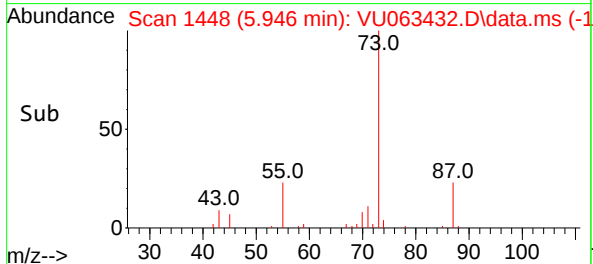
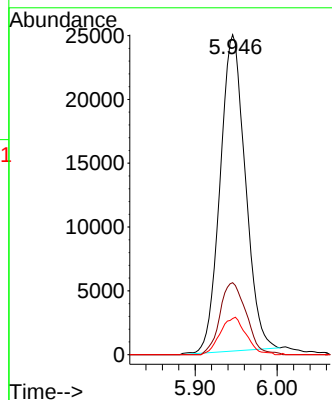
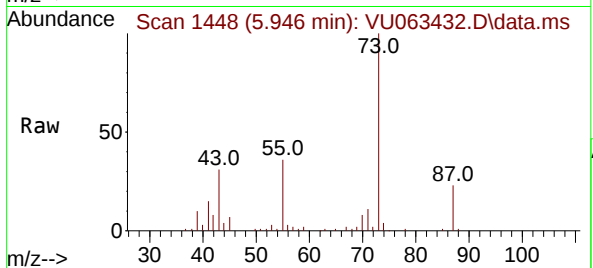
Tgt Ion: 73 Resp: 52925

Ion	Ratio	Lower	Upper
73	100		
87	23.9	18.1	27.1
71	12.2	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#34

Propionitrile

Concen: 9.989 ug/l

RT: 4.782 min Scan# 1086

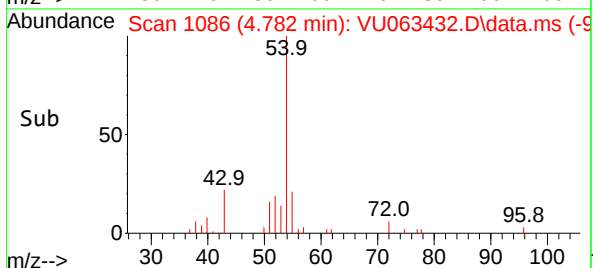
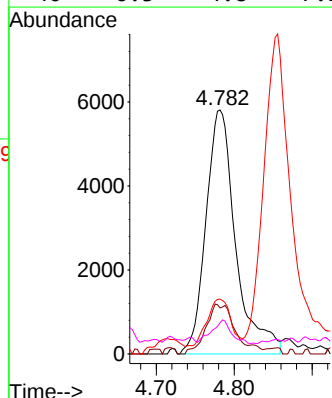
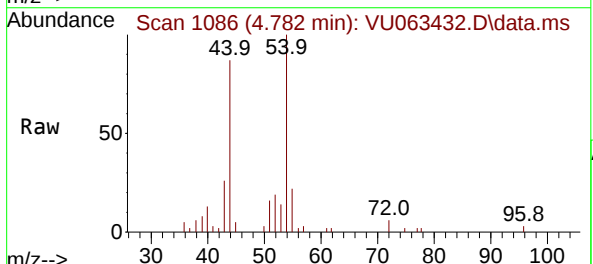
Delta R.T. 0.009 min

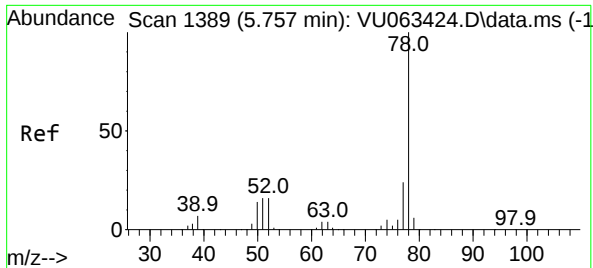
Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Tgt Ion: 54 Resp: 15425

Ion	Ratio	Lower	Upper
54	100		
52	18.7	14.8	22.2
55	15.4	12.2	18.2
40	6.3	4.8	7.2





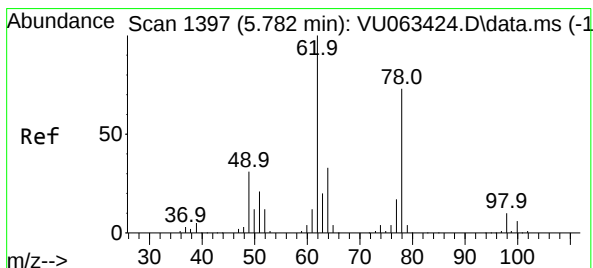
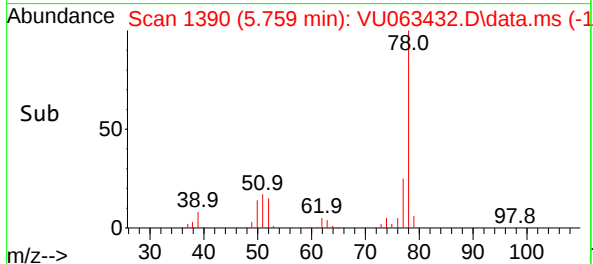
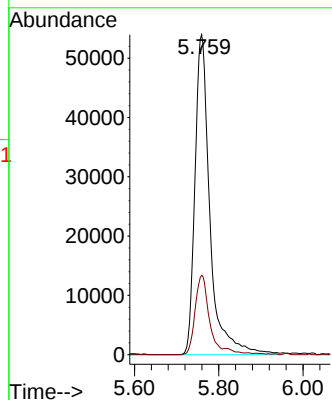
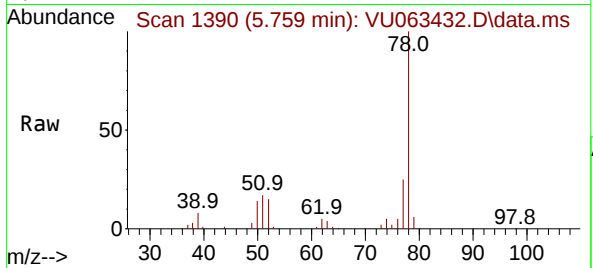
#35
Benzene
Concen: 2.028 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. 0.002 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01

Tgt Ion: 78 Resp: 133260
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.2

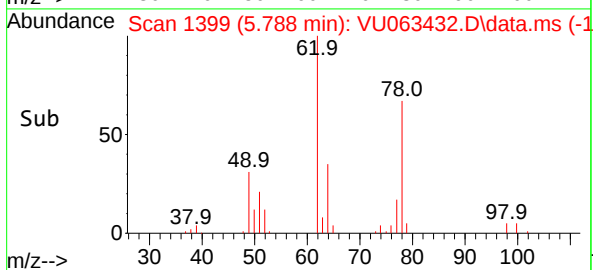
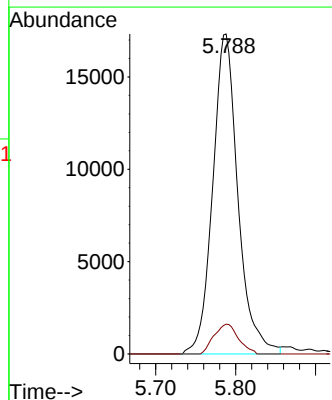
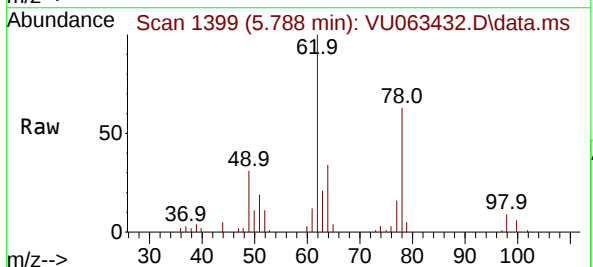
Manual Integrations
APPROVED

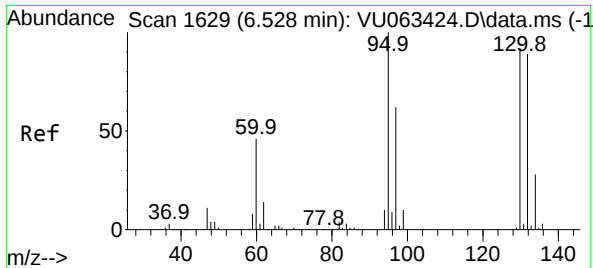
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#36
1,2-Dichloroethane
Concen: 1.975 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

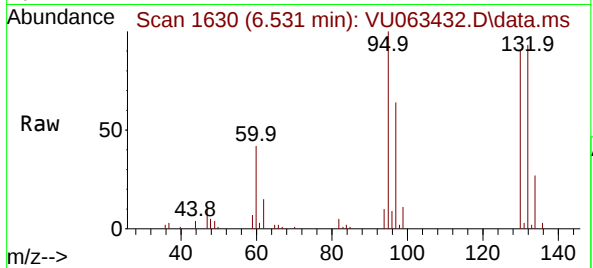
Tgt Ion: 62 Resp: 37941
Ion Ratio Lower Upper
62 100
98 9.0 7.1 10.7





#37
Trichloroethene
Concen: 1.920 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

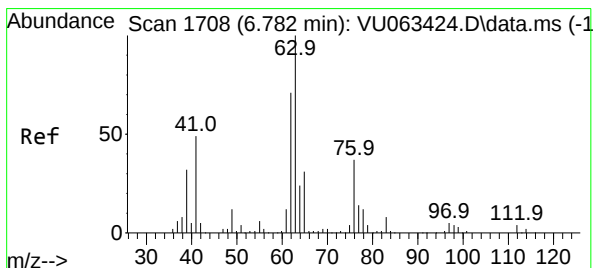
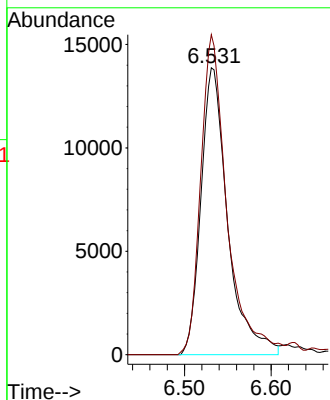
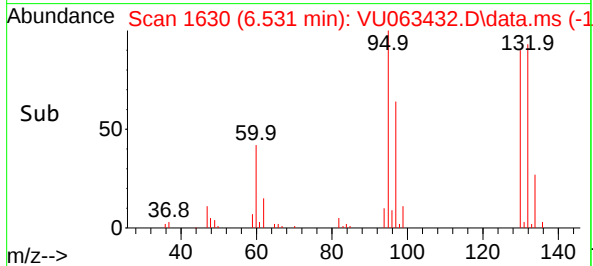
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01



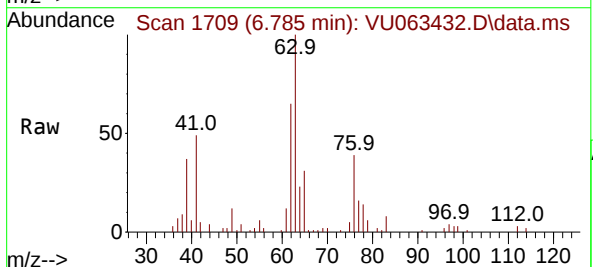
Tgt Ion:130 Resp: 29814
Ion Ratio Lower Upper
130 100
95 111.5 87.2 130.8

Manual Integrations
APPROVED

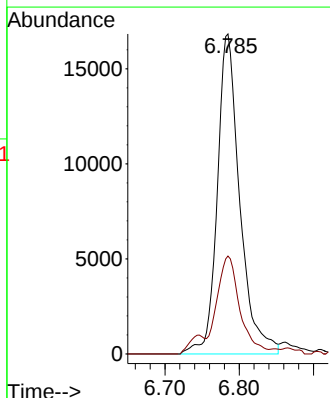
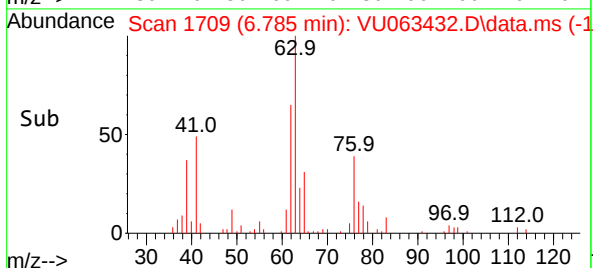
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#38
1,2-Dichloropropane
Concen: 1.957 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48



Tgt Ion: 63 Resp: 35505
Ion Ratio Lower Upper
63 100
65 30.6 25.0 37.6





#39

Methacrylonitrile

Concen: 1.905 ug/l m

RT: 4.975 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS01

Tgt Ion: 41 Resp: 1223

Ion Ratio Lower Upper

41 100

67 73.5 59.8 89.8

39 54.1 40.7 61.1

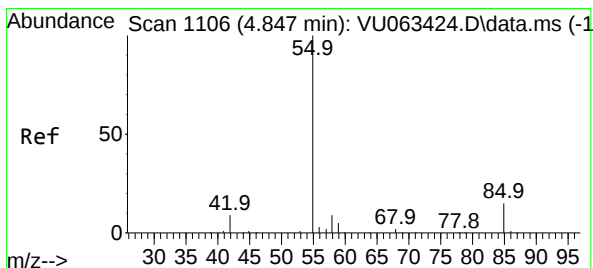
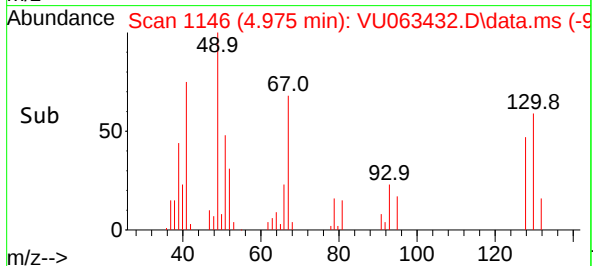
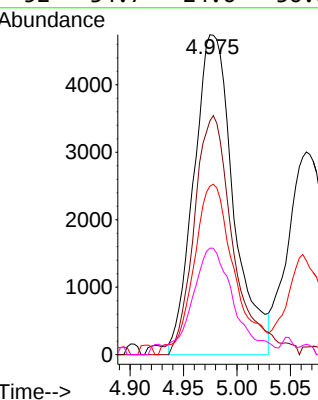
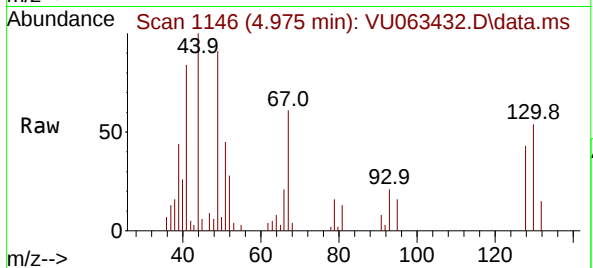
52 34.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#40

Methyl acrylate

Concen: 1.870 ug/l

RT: 4.856 min Scan# 1109

Delta R.T. 0.009 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Tgt Ion: 55 Resp: 16865

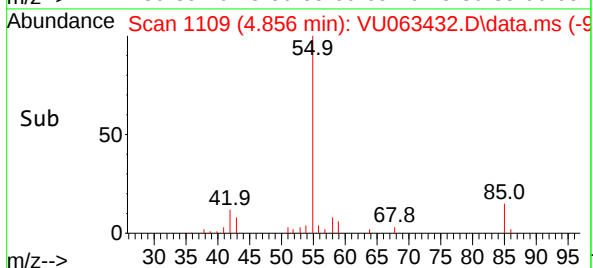
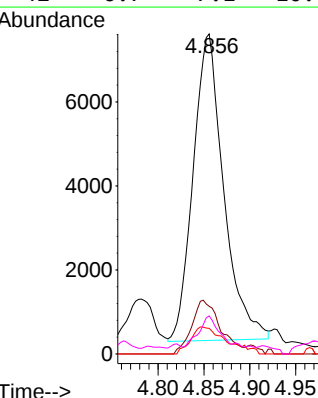
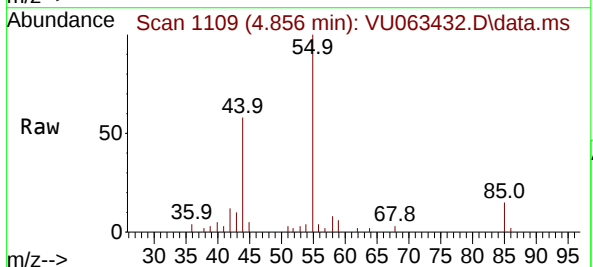
Ion Ratio Lower Upper

55 100

85 16.5 12.6 19.0

58 10.2 6.9 10.3

42 6.7 7.1 10.7#





#41

Tetrahydrofuran

Concen: 3.692 ug/l

RT: 5.065 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Instrument :

MSVOA_U

ClientSampleId :

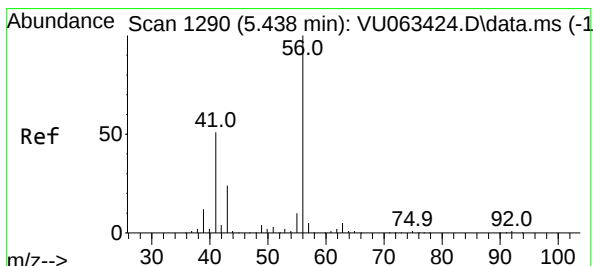
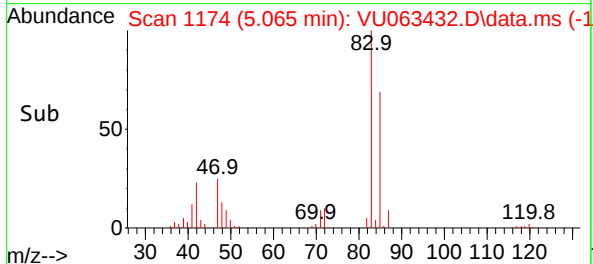
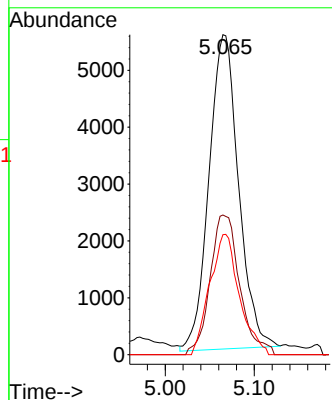
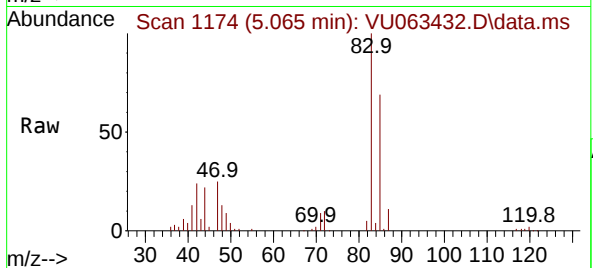
VU0624WBS01

Tgt Ion:	42	Resp:	1275
Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.4	53.2
71	38.2	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#42

1-Chlorobutane

Concen: 1.794 ug/l

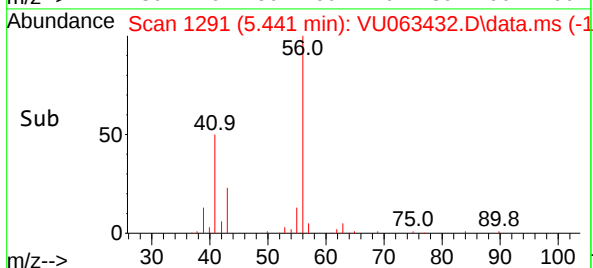
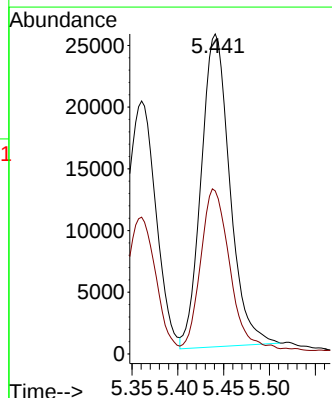
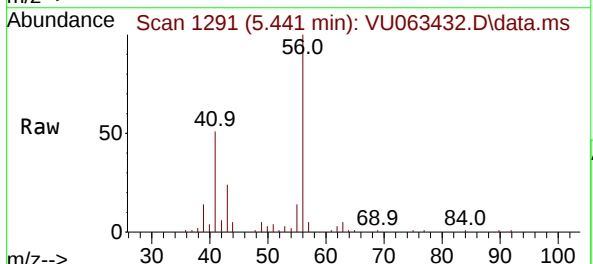
RT: 5.441 min Scan# 1291

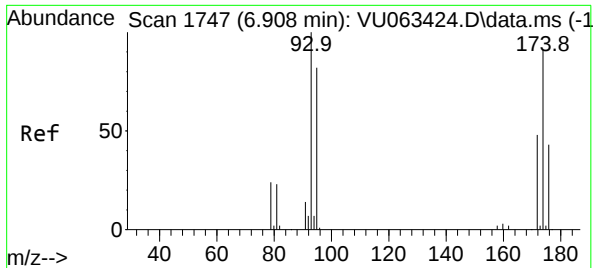
Delta R.T. 0.003 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

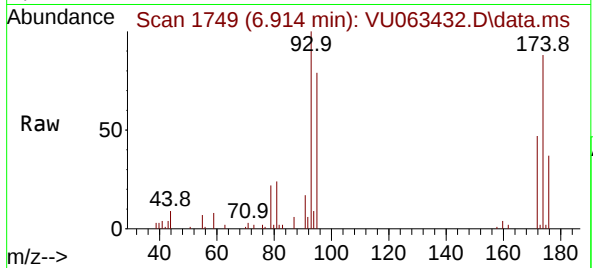
Tgt Ion:	56	Resp:	55270
Ion	Ratio	Lower	Upper
56	100		
41	52.3	26.4	79.0





#43
Dibromomethane
Concen: 2.001 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.005 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

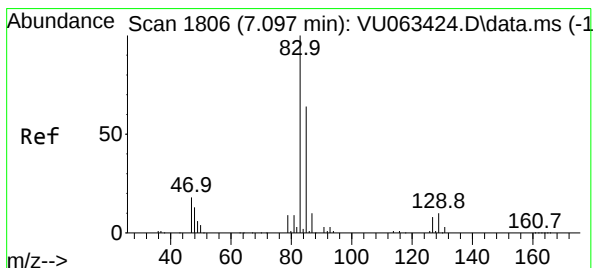
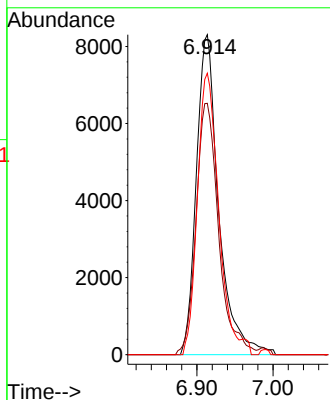
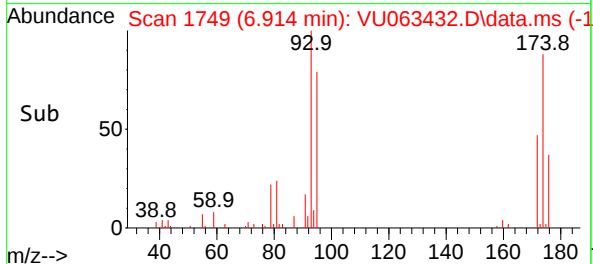
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01



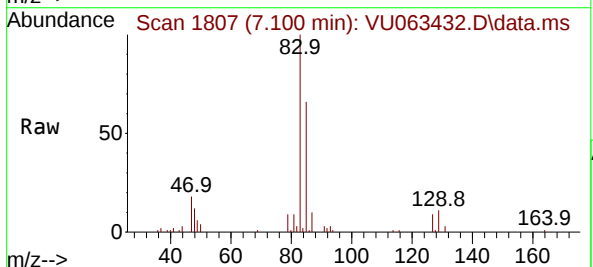
Tgt Ion: 93 Resp: 1696
Ion Ratio Lower Upper
93 100
95 79.4 66.7 100.1
174 84.1 71.1 106.7

Manual Integrations
APPROVED

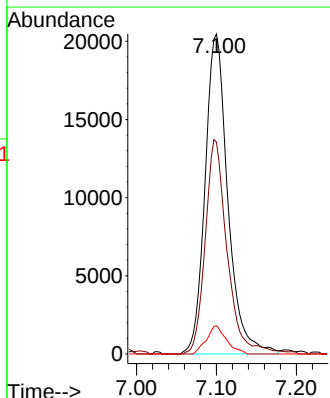
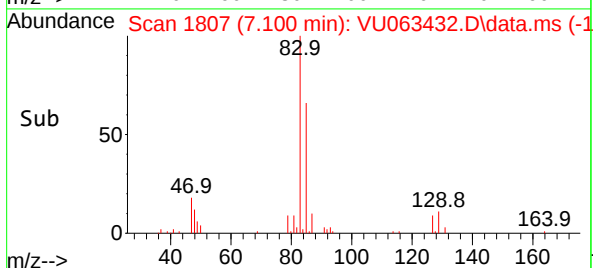
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

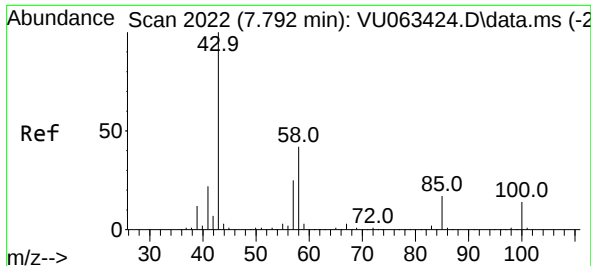


#44
Bromodichloromethane
Concen: 1.965 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48



Tgt Ion: 83 Resp: 40566
Ion Ratio Lower Upper
83 100
85 66.2 51.4 77.2
127 9.9 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 8.731 ug/l

RT: 7.798 min Scan# 2024

Delta R.T. 0.006 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Instrument :

MSVOA_U

ClientSampleId :

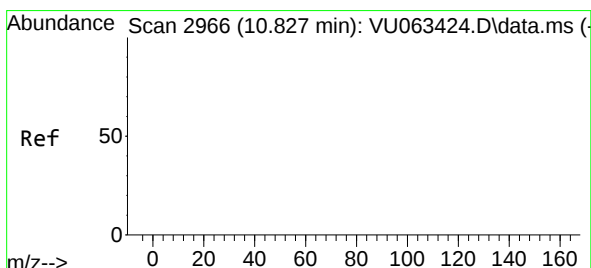
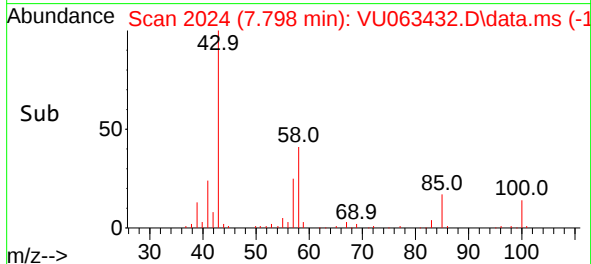
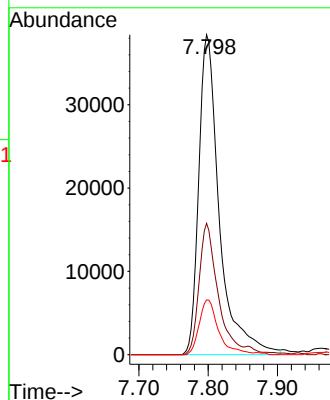
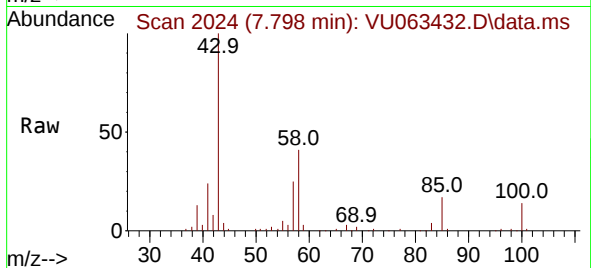
VU0624WBS01

Tgt Ion:	43	Resp:	7944
Ion Ratio	Lower	Upper	
43	100		
58	37.2	20.5	61.6
85	16.1	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#46

t-1,4-Dichloro-2-butene

Concen: 4.115 ug/l m

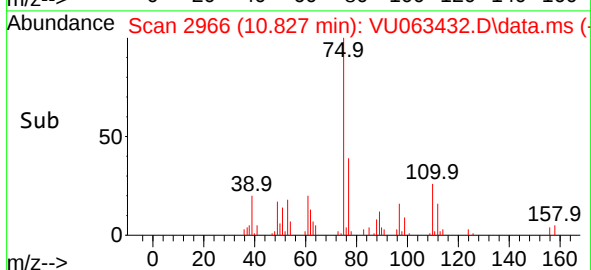
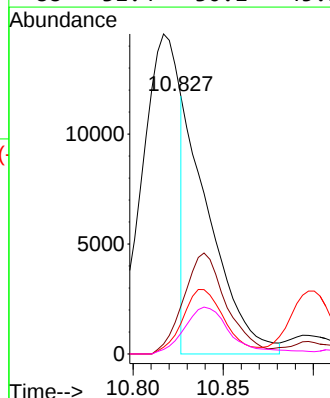
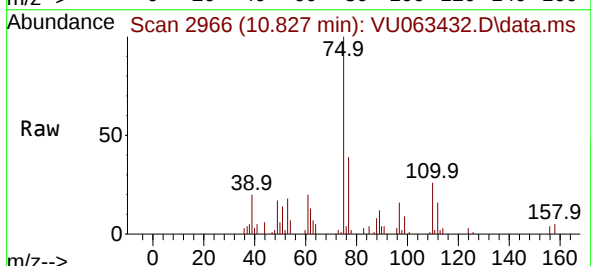
RT: 10.827 min Scan# 2966

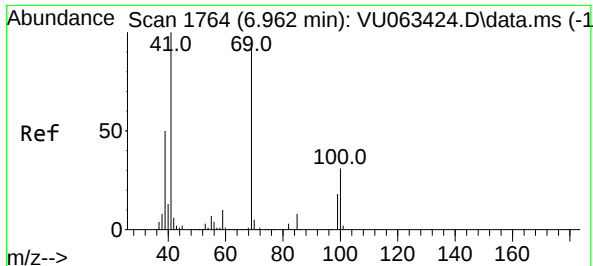
Delta R.T. -0.000 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Tgt Ion:	75	Resp:	12308
Ion Ratio	Lower	Upper	
75	100		
53	61.5	61.4	92.2
89	38.9	39.2	58.8#
88	31.4	30.1	45.1





#47

Methyl methacrylate

Concen: 3.614 ug/l

RT: 6.971 min Scan# 1767

Delta R.T. 0.009 min

Lab File: VU063432.D

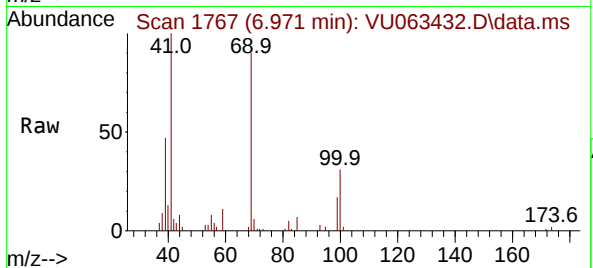
Acq: 24 Jun 2025 11:48

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS01



Tgt Ion: 69 Resp: 2285

Ion Ratio Lower Upper

69 100

41 104.7 0.0 212.6

39 49.3 40.6 61.0

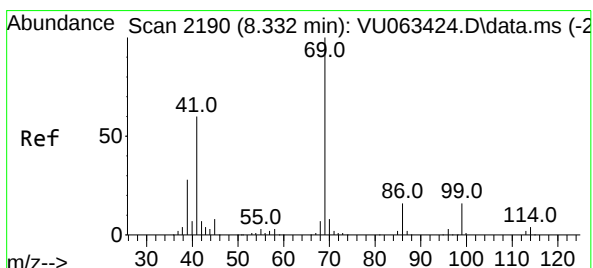
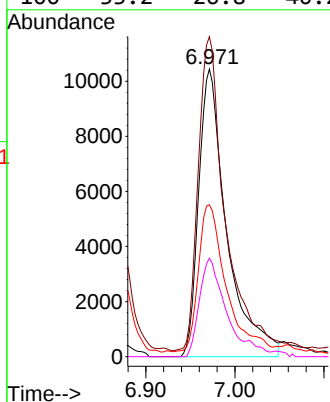
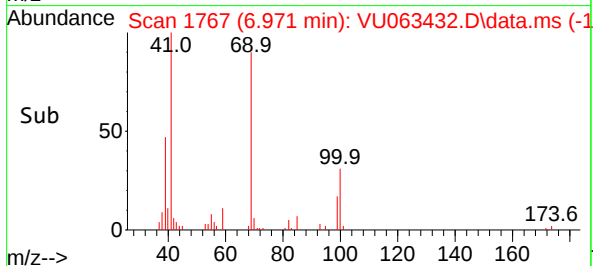
100 33.2 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#48

Ethyl methacrylate

Concen: 1.891 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.006 min

Lab File: VU063432.D

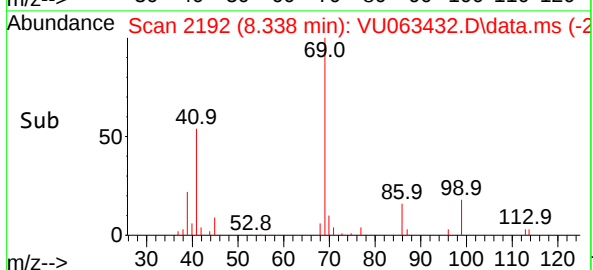
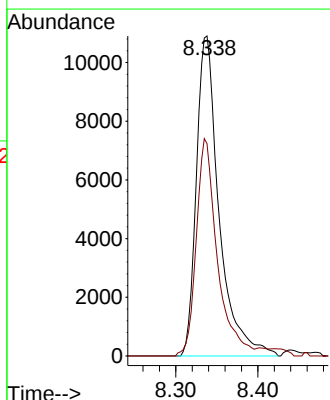
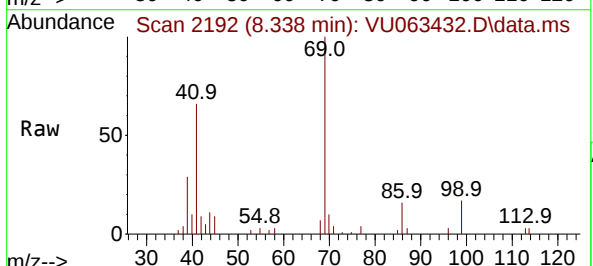
Acq: 24 Jun 2025 11:48

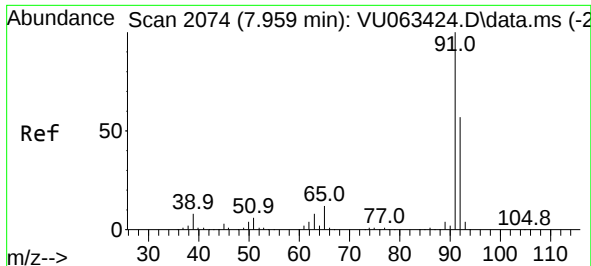
Tgt Ion: 69 Resp: 20945

Ion Ratio Lower Upper

69 100

41 63.1 30.6 92.0





#49

Toluene

Concen: 1.876 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS01

Tgt Ion: 92 Resp: 67670

Ion Ratio Lower Upper

92 100

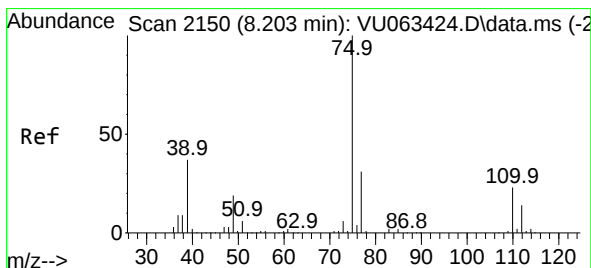
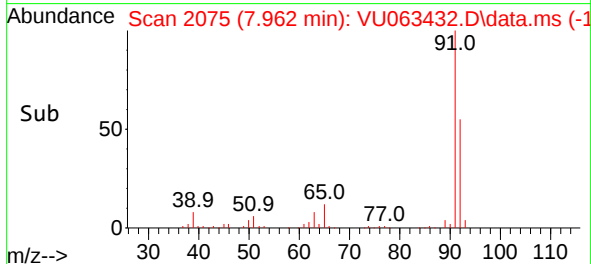
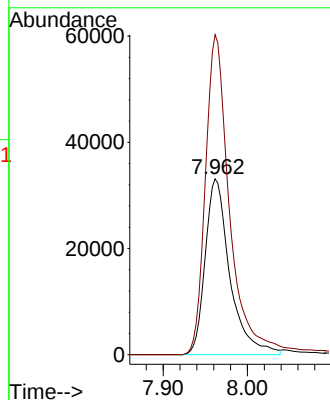
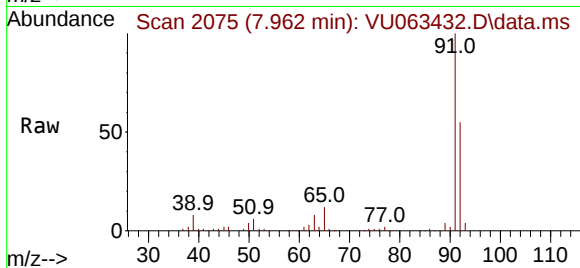
91 182.9 142.0 213.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#50

t-1,3-Dichloropropene

Concen: 1.774 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU063432.D

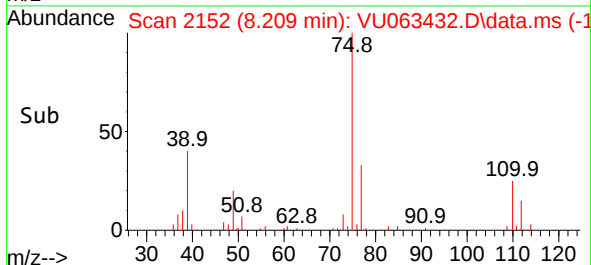
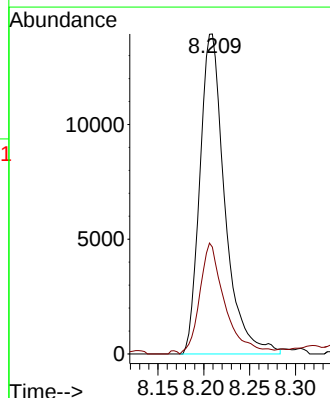
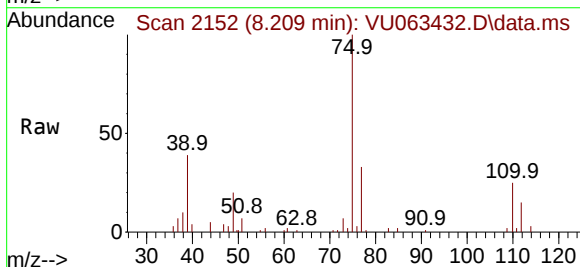
Acq: 24 Jun 2025 11:48

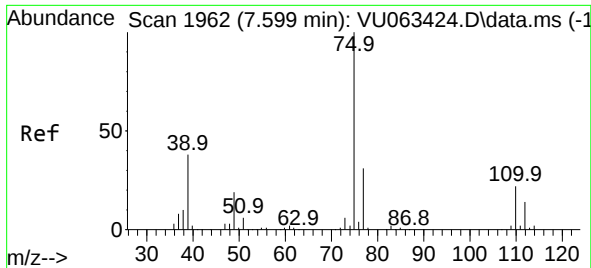
Tgt Ion: 75 Resp: 26422

Ion Ratio Lower Upper

75 100

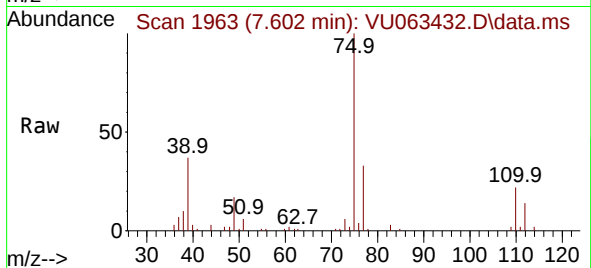
77 33.4 24.5 36.7





#51
 cis-1,3-Dichloropropene
 Concen: 1.843 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU063432.D
 Acq: 24 Jun 2025 11:48

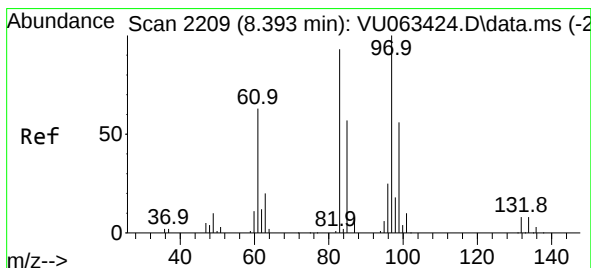
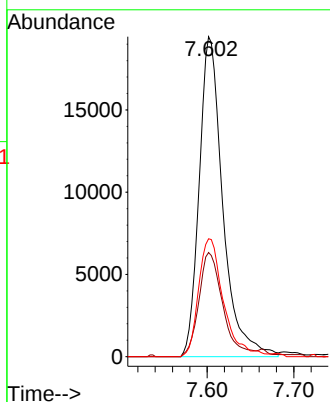
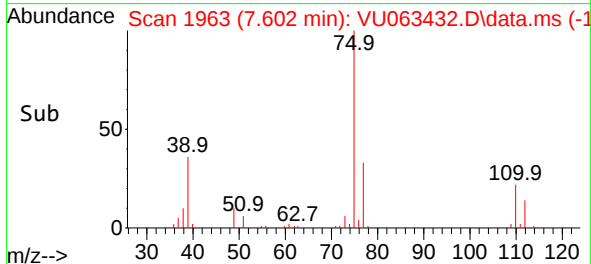
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBS01



Tgt Ion: 75 Resp: 3685
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.8 37.2
 39 36.9 30.7 46.1

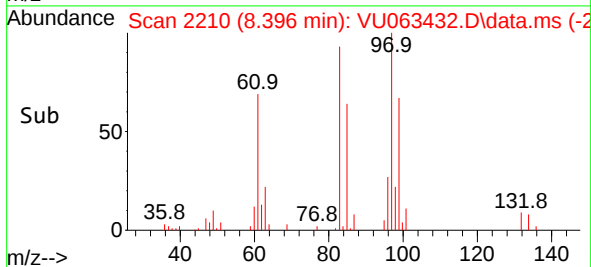
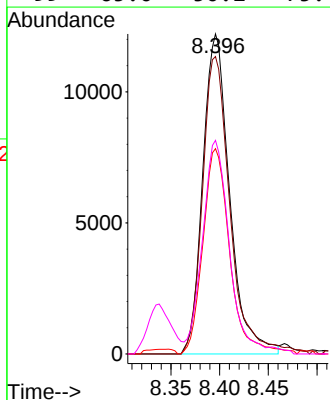
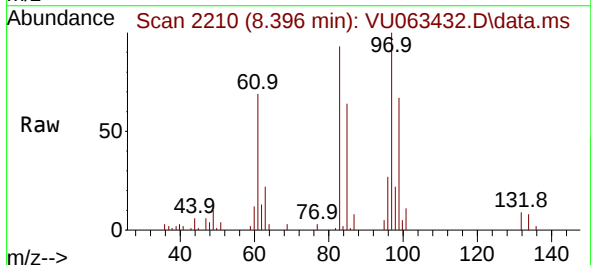
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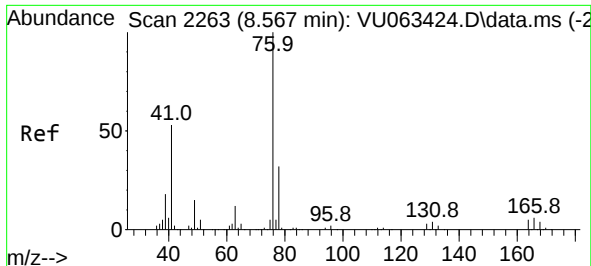
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#52
 1,1,2-Trichloroethane
 Concen: 1.887 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063432.D
 Acq: 24 Jun 2025 11:48

Tgt Ion: 97 Resp: 23388
 Ion Ratio Lower Upper
 97 100
 83 93.0 74.1 111.1
 85 64.2 45.8 68.8
 99 65.0 50.2 75.4





#53

1,3-Dichloropropane

Concen: 1.958 ug/l

RT: 8.569 min Scan# 2102

Delta R.T. 0.002 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS01

Tgt Ion: 76 Resp: 4174

Ion Ratio Lower Upper

76 100

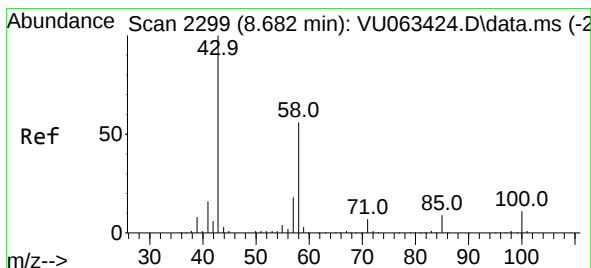
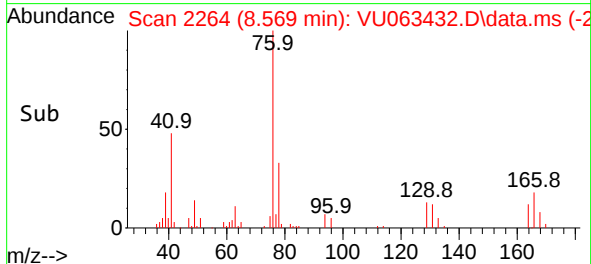
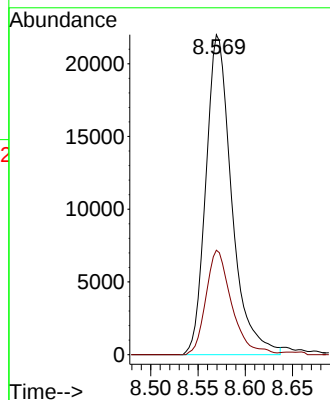
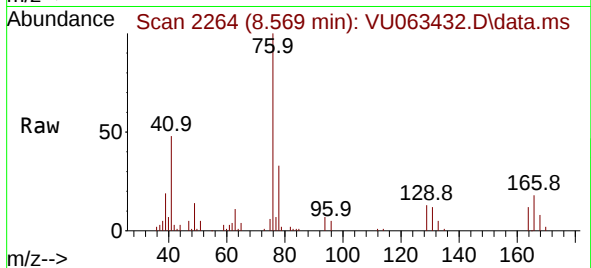
78 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#54

2-Hexanone

Concen: 8.736 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.010 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

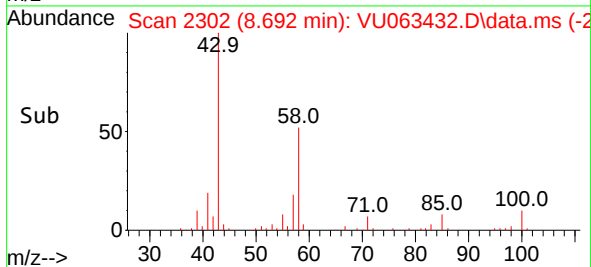
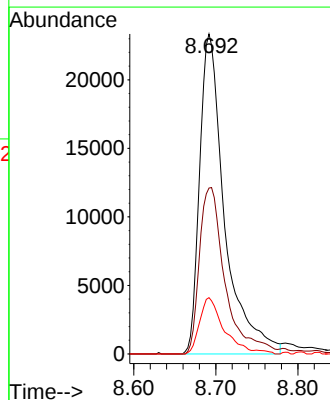
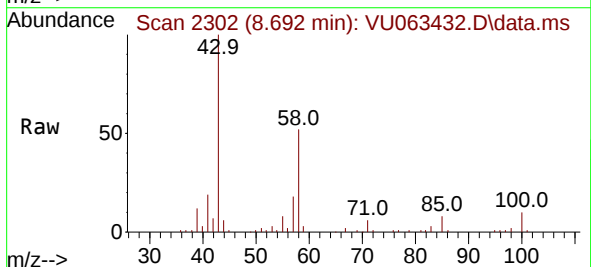
Tgt Ion: 43 Resp: 49438

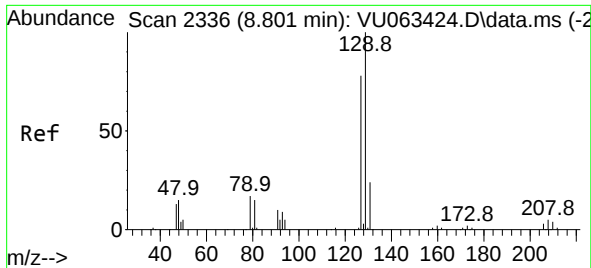
Ion Ratio Lower Upper

43 100

58 53.4 36.9 76.9

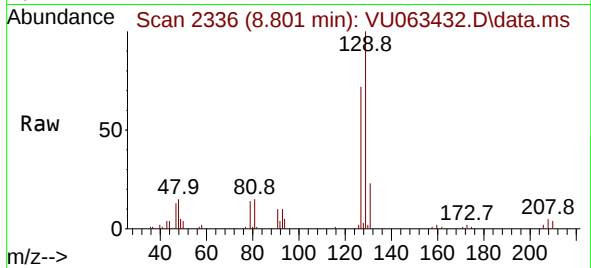
57 16.8 0.0 38.8





#55
Dibromochloromethane
Concen: 1.979 ug/l
RT: 8.801 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

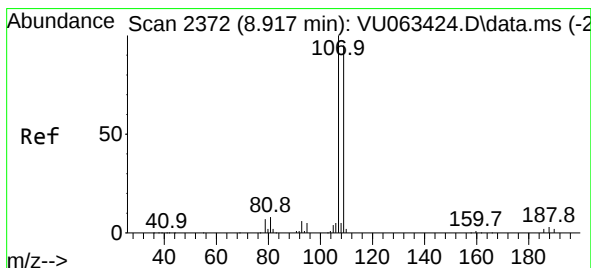
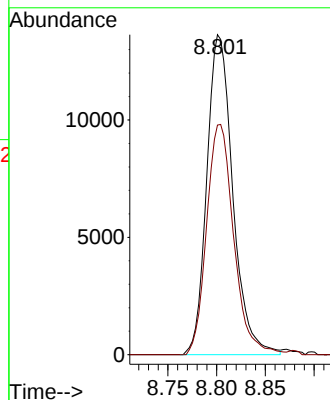
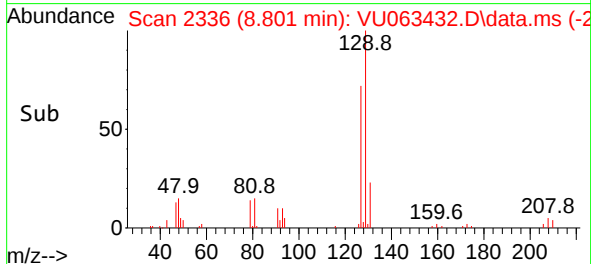
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01



Tgt Ion:129 Resp: 25308
Ion Ratio Lower Upper
129 100
127 75.0 62.6 93.8

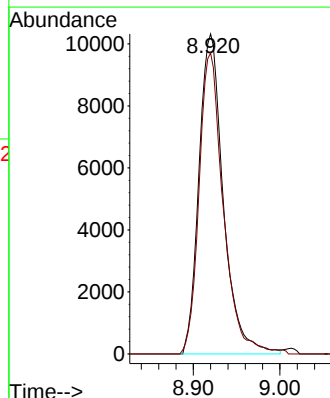
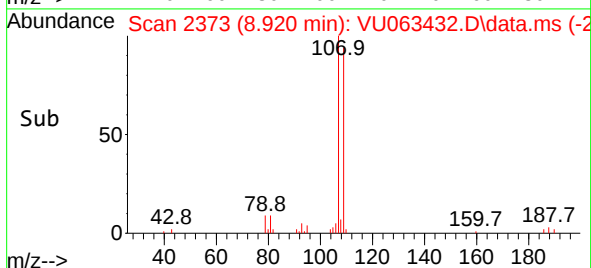
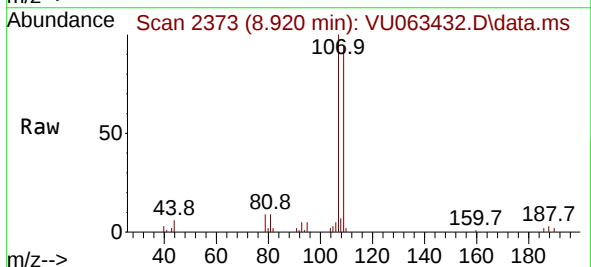
Manual Integrations
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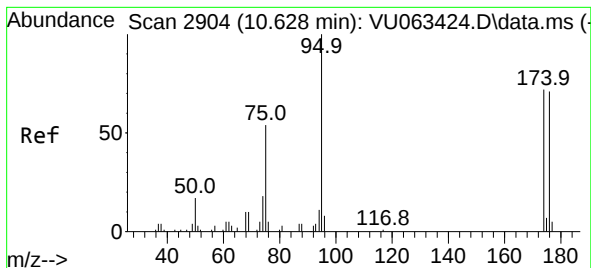
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#56
1,2-Dibromoethane
Concen: 2.005 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

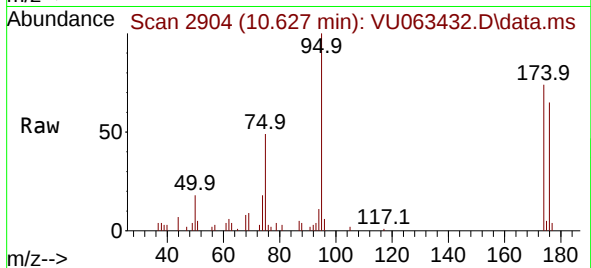
Tgt Ion:107 Resp: 20144
Ion Ratio Lower Upper
107 100
109 93.6 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.002 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

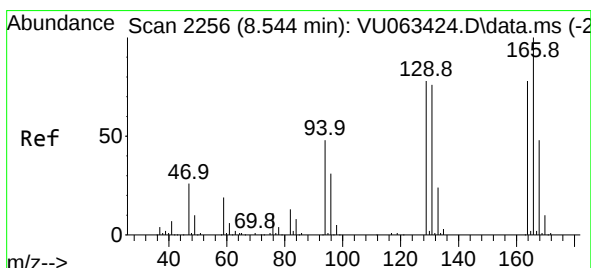
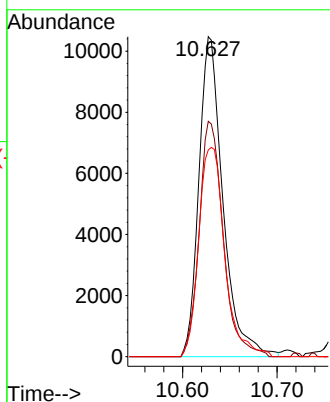
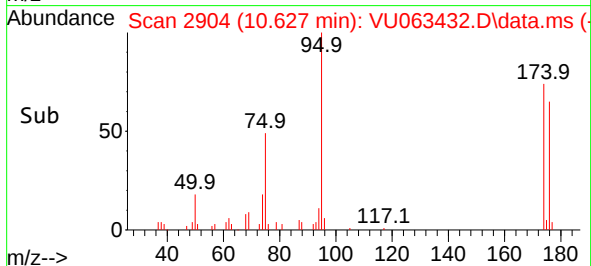
Instrument : MSVOA_U
ClientSampleId : VU0624WBS01



Tgt Ion: 95 Resp: 1854
Ion Ratio Lower Upper
95 100
174 73.2 59.4 89.2
176 70.7 57.8 86.6

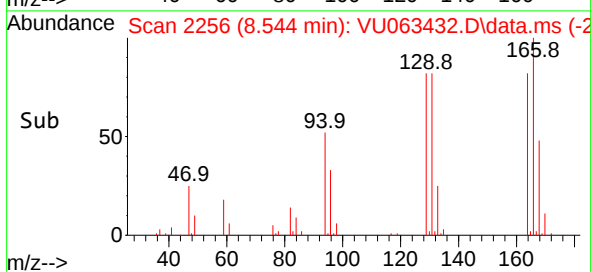
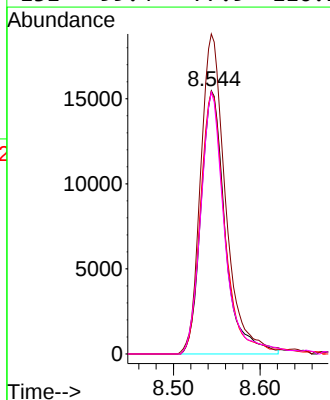
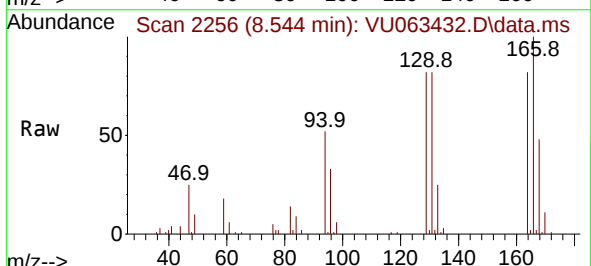
Manual Integrations
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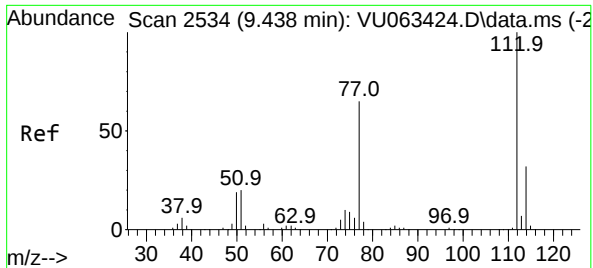
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#58
Tetrachloroethene
Concen: 1.951 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.001 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Tgt Ion:164 Resp: 29722
Ion Ratio Lower Upper
164 100
166 121.6 102.8 154.2
129 99.7 80.2 120.2
131 99.4 77.9 116.9





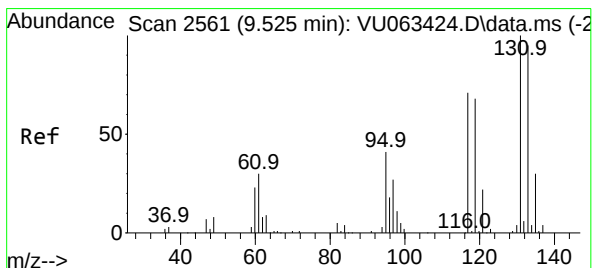
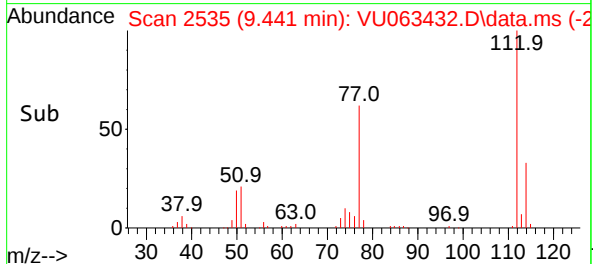
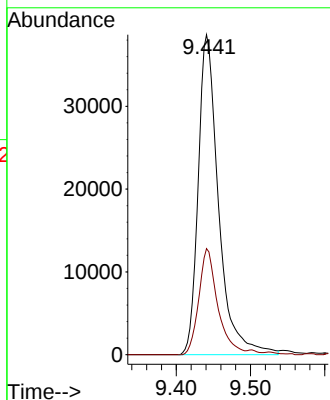
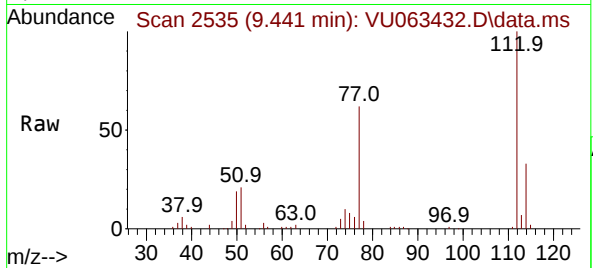
#59
Chlorobenzene
Concen: 1.907 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01

Tgt Ion:112 Resp: 7365
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5

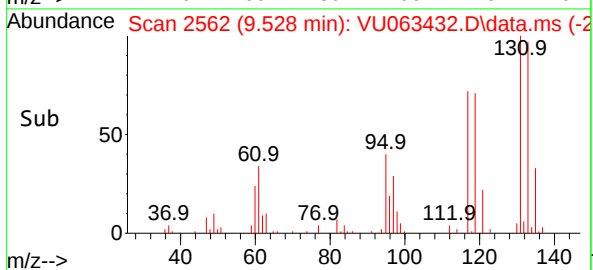
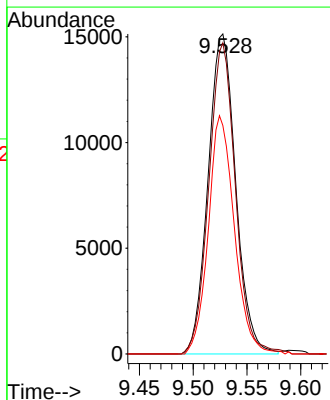
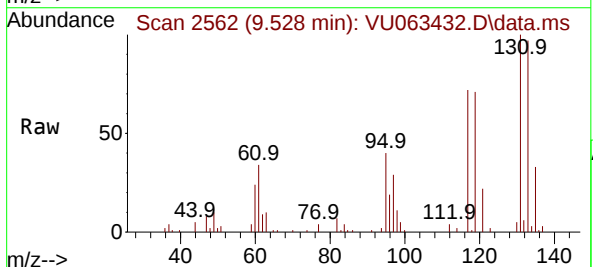
Manual Integrations
APPROVED

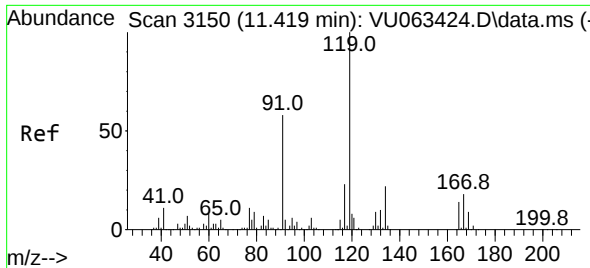
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 1.946 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Tgt Ion:131 Resp: 27055
Ion Ratio Lower Upper
131 100
133 93.7 76.1 114.1
119 70.3 53.7 80.5





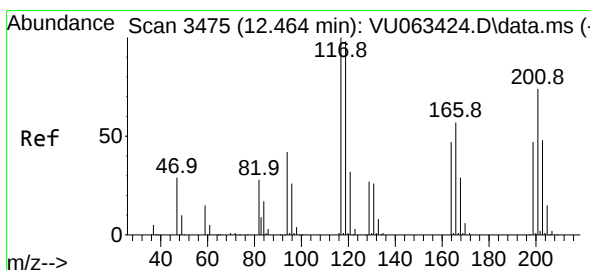
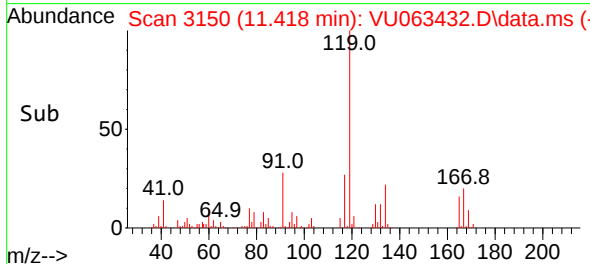
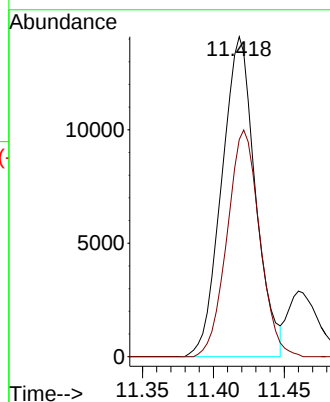
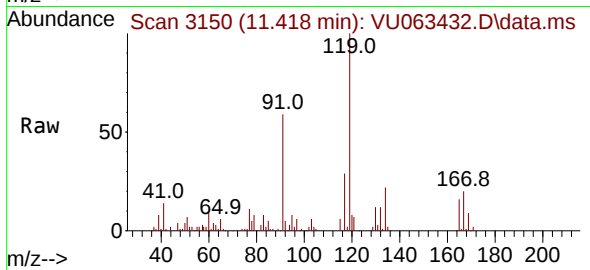
#61
Pentachloroethane
Concen: 2.061 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01

Tgt Ion:117 Resp: 23339
Ion Ratio Lower Upper
117 100
167 68.3 58.1 87.1

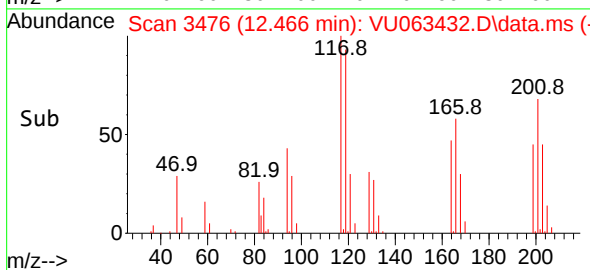
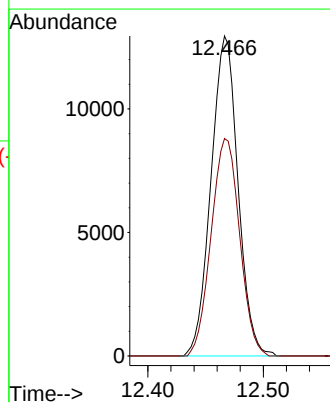
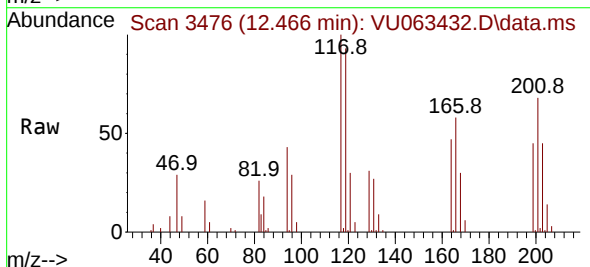
Manual Integrations
APPROVED

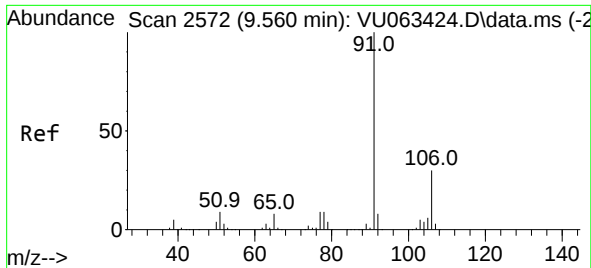
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#62
Hexachloroethane
Concen: 2.068 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Tgt Ion:117 Resp: 21061
Ion Ratio Lower Upper
117 100
201 71.6 60.4 90.6





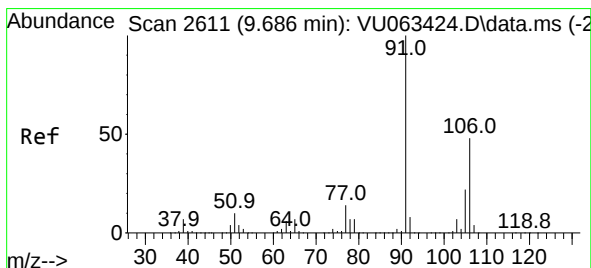
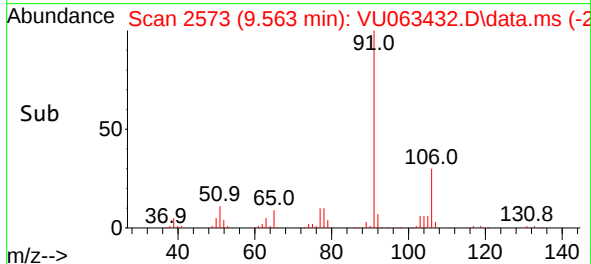
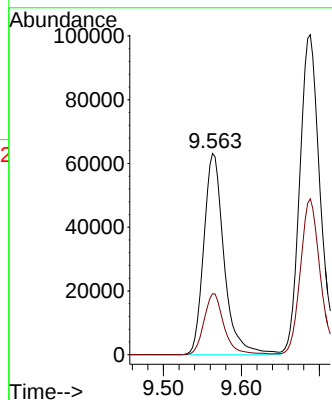
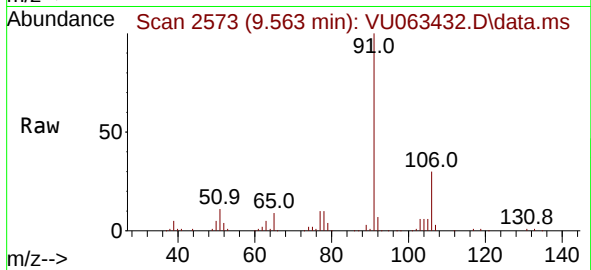
#63
Ethyl Benzene
Concen: 1.847 ug/l
RT: 9.563 min Scan# 21136
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01

Tgt Ion: 91 Resp: 114369
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2

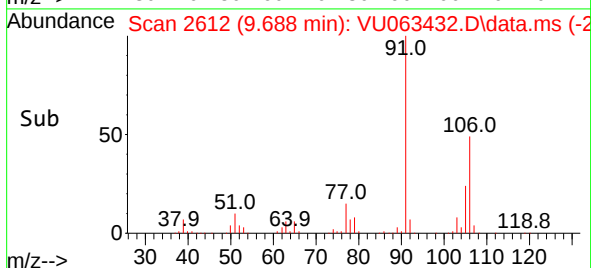
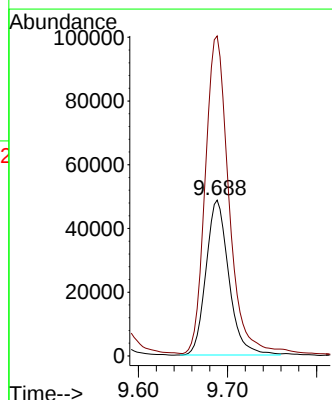
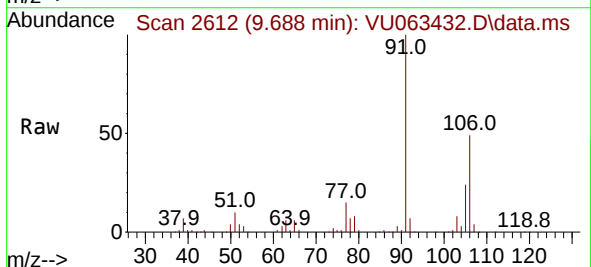
Manual Integrations
APPROVED

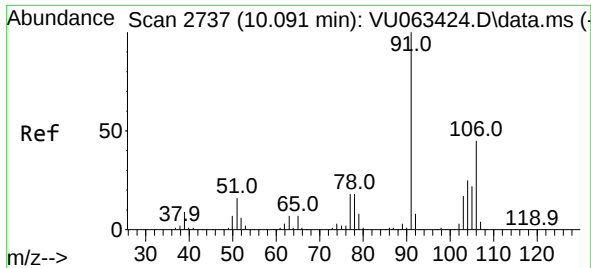
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#64
m/p-Xylenes
Concen: 3.629 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Tgt Ion:106 Resp: 86586
Ion Ratio Lower Upper
106 100
91 216.5 169.9 254.9





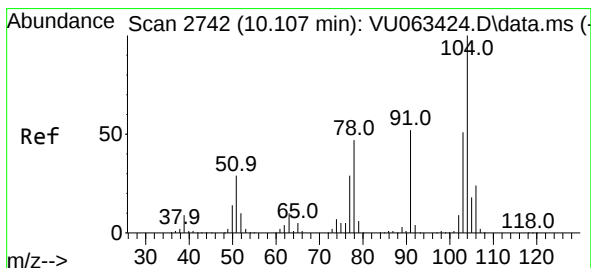
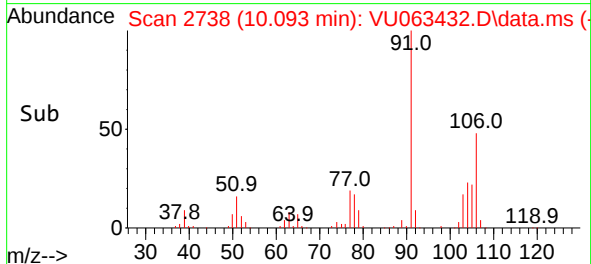
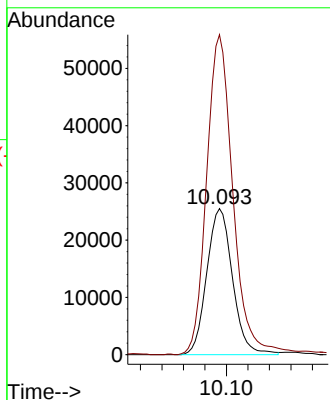
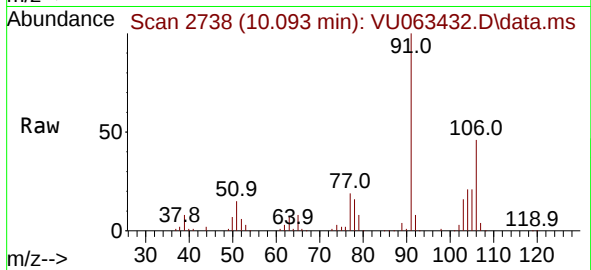
#65
o-Xylene
Concen: 1.804 ug/l
RT: 10.093 min Scan# 2737
Delta R.T. 0.002 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01

Tgt Ion:106 Resp: 4244
Ion Ratio Lower Upper
106 100
91 224.2 110.8 332.3

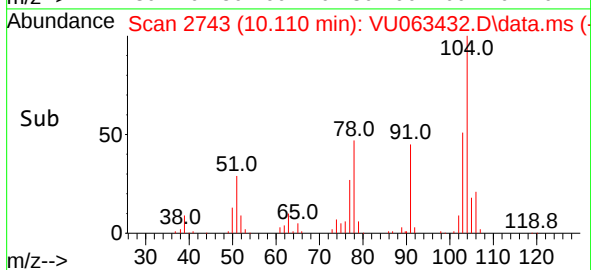
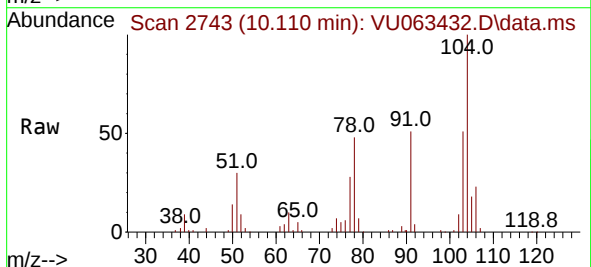
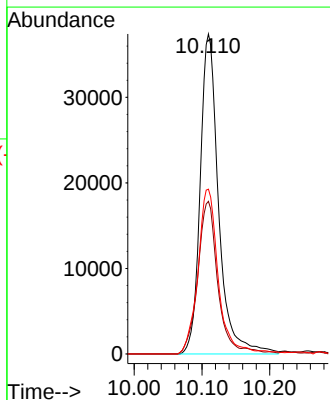
Manual Integrations
APPROVED

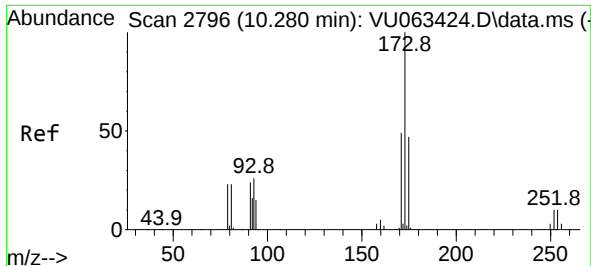
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#66
Styrene
Concen: 1.856 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

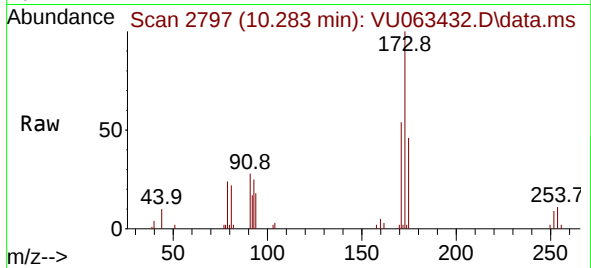
Tgt Ion:104 Resp: 70793
Ion Ratio Lower Upper
104 100
78 50.3 41.6 62.4
103 56.2 44.6 67.0





#67
Bromoform
Concen: 1.866 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

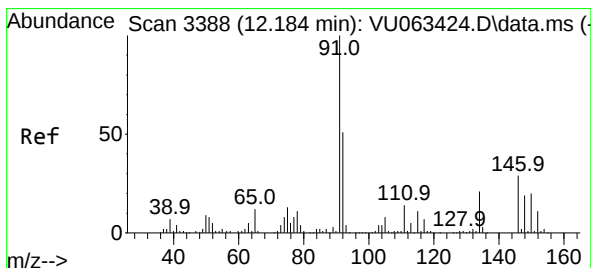
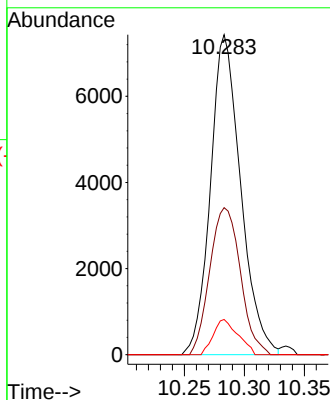
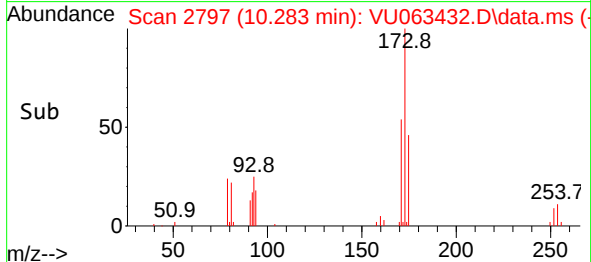
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01



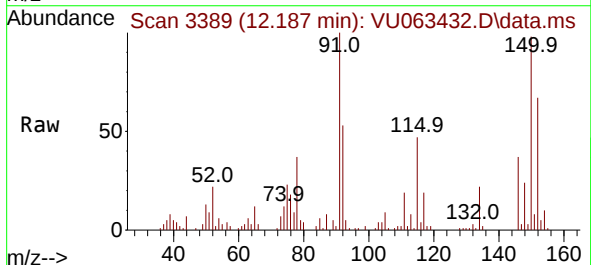
Tgt Ion:173 Resp: 13034
Ion Ratio Lower Upper
173 100
175 46.4 38.2 57.2
254 8.9 7.6 11.4

Manual Integrations
APPROVED

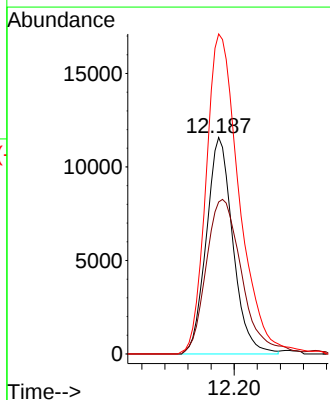
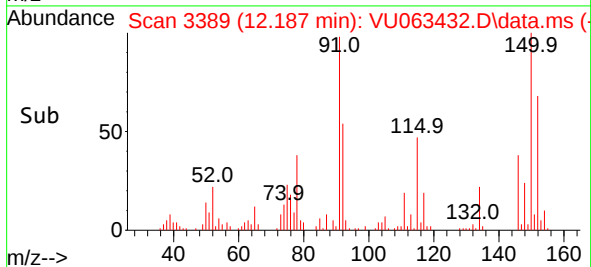
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#68
1,2-Dichlorobenzene-d4
Concen: 0.993 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48



Tgt Ion:152 Resp: 18461
Ion Ratio Lower Upper
152 100
115 96.1 0.0 327.6
150 185.4 0.0 664.4





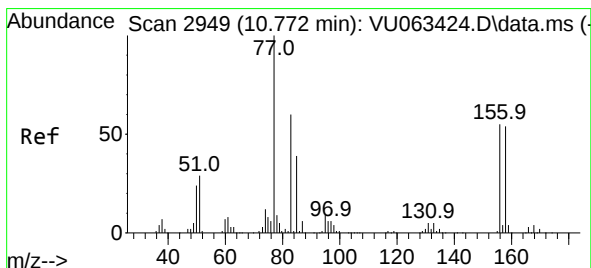
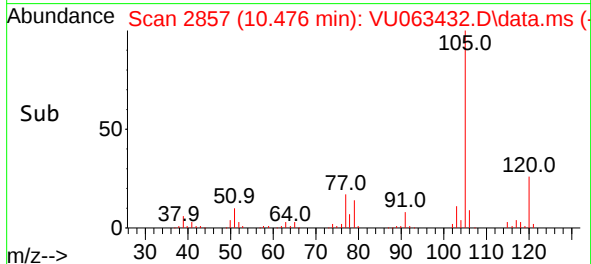
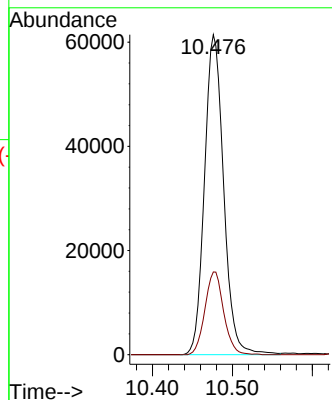
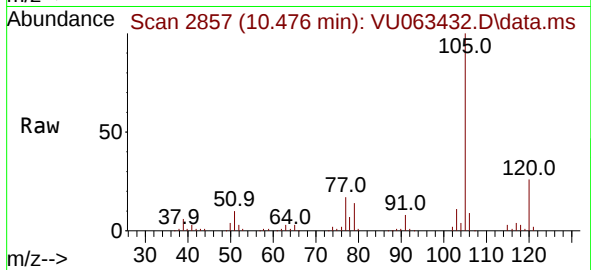
#69
Isopropylbenzene
Concen: 1.880 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.001 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument : MSVOA_U
ClientSampleId : VU0624WBS01

Tgt Ion:105 Resp: 102462
Ion Ratio Lower Upper
105 100
120 25.3 12.7 38.1

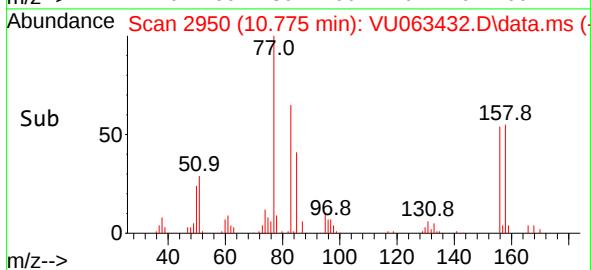
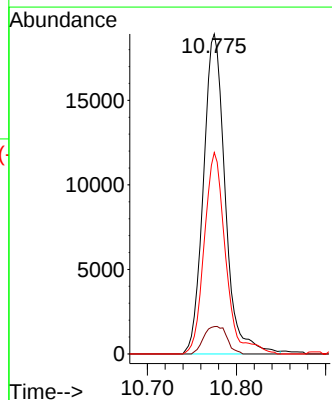
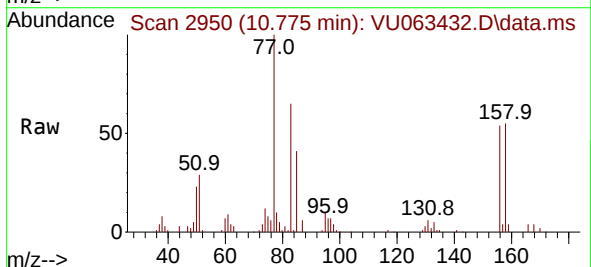
Manual Integrations
APPROVED

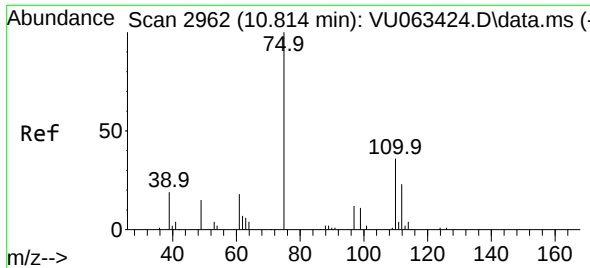
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 2.024 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Tgt Ion: 83 Resp: 32083
Ion Ratio Lower Upper
83 100
131 9.1 7.4 11.0
85 61.8 51.3 76.9





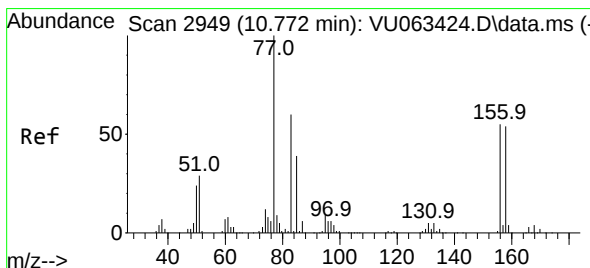
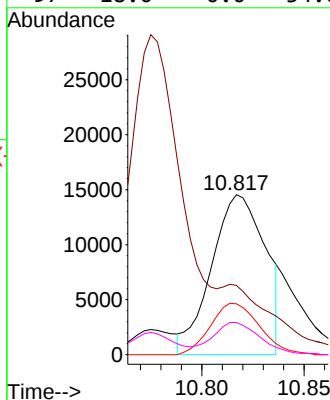
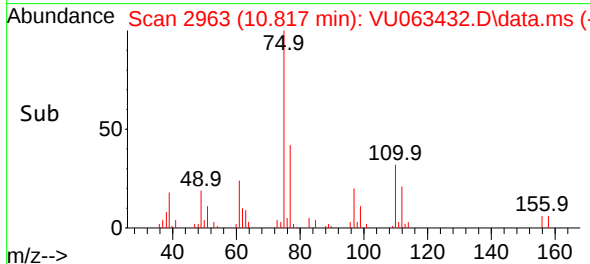
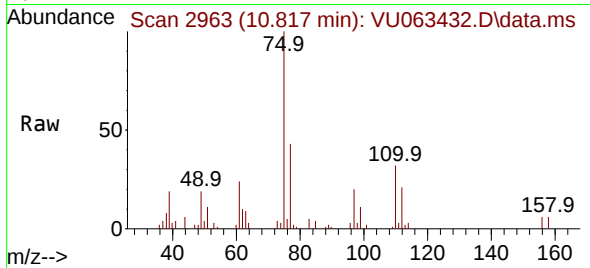
#71
1,2,3-Trichloropropane
Concen: 2.052 ug/l m
RT: 10.817 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01

Tgt Ion: 75	Resp: 2656
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 29.4	0.0 63.4
97 18.0	0.0 34.0

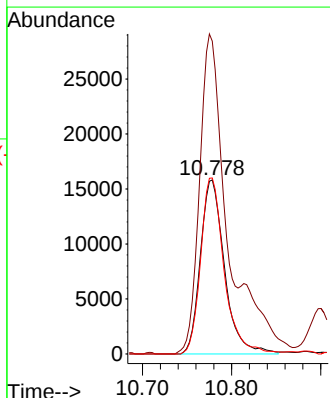
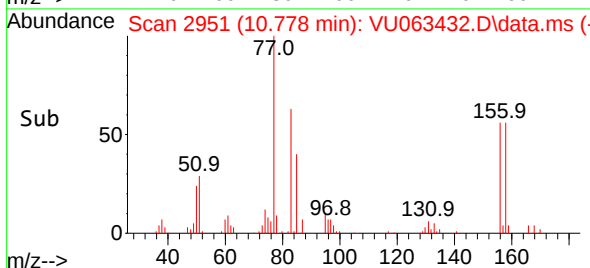
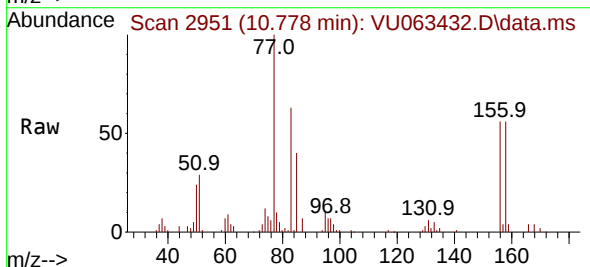
Manual Integrations
APPROVED

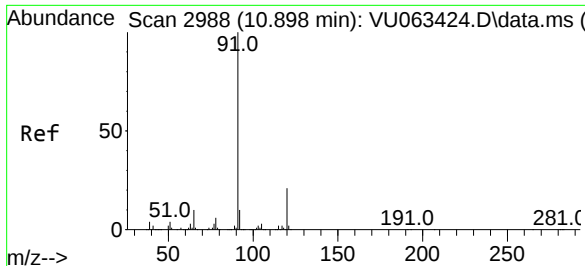
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#72
Bromobenzene
Concen: 1.950 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Tgt Ion:156	Resp: 29826
Ion Ratio	Lower Upper
156 100	
77 177.5	0.0 416.2
158 98.6	0.0 190.6





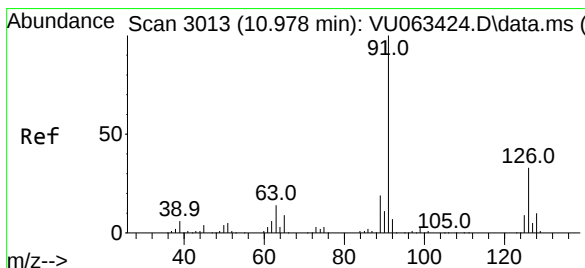
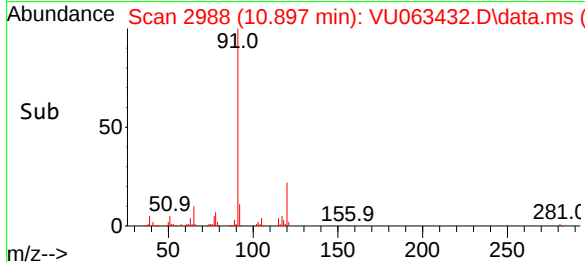
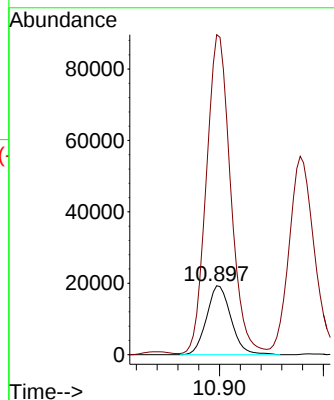
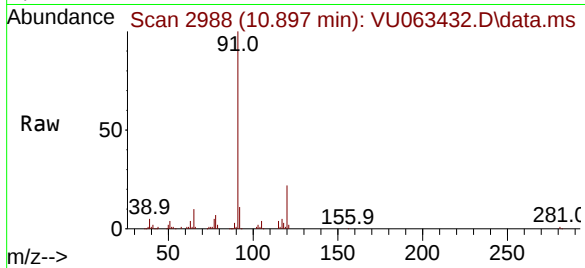
#73
n-propylbenzene
Concen: 1.895 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.001 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01

Tgt Ion:120 Resp: 31372
Ion Ratio Lower Upper
120 100
91 460.0 373.7 560.5

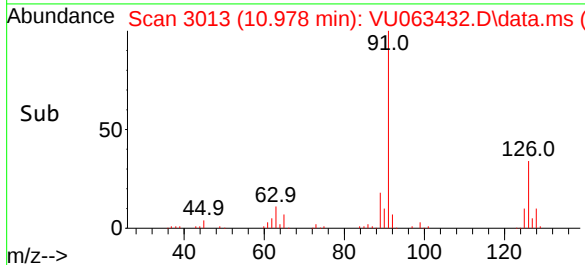
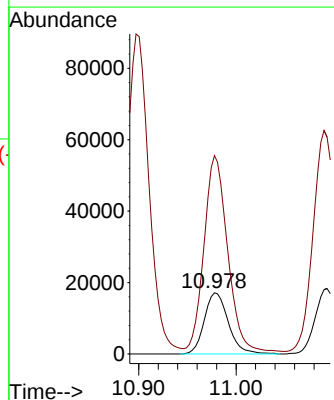
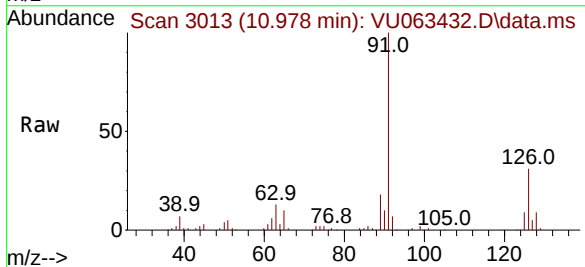
Manual Integrations
APPROVED

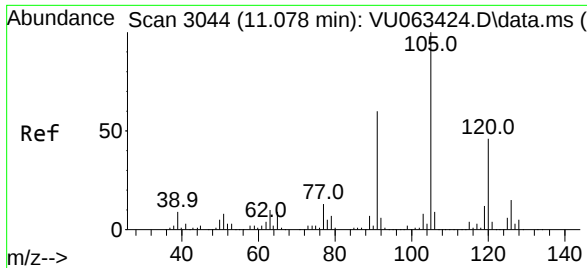
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#74
2-Chlorotoluene
Concen: 1.933 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Tgt Ion:126 Resp: 29231
Ion Ratio Lower Upper
126 100
91 316.8 0.0 650.8





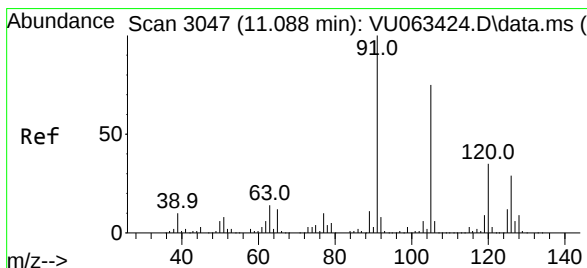
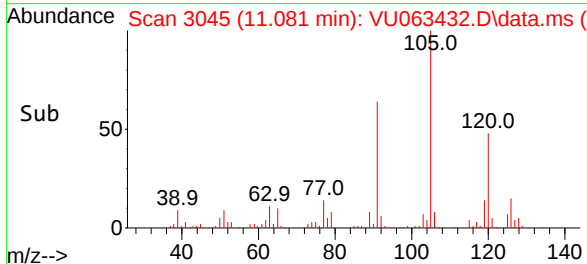
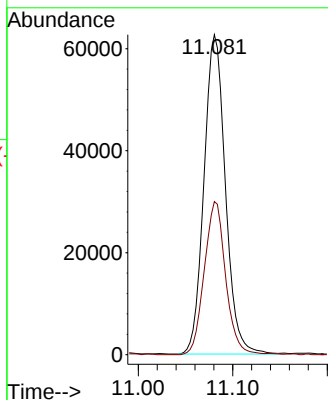
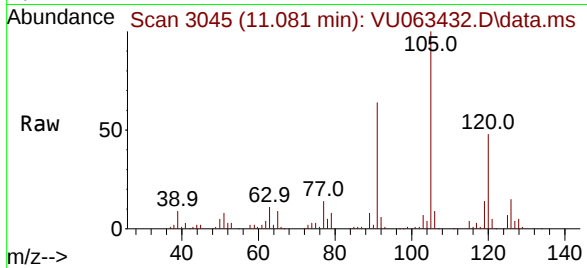
#75
1,3,5-Trimethylbenzene
Concen: 1.842 ug/l
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01

Tgt Ion:105 Resp: 98718
Ion Ratio Lower Upper
105 100
120 47.9 37.0 55.4

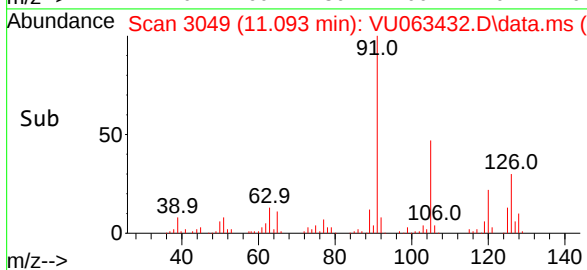
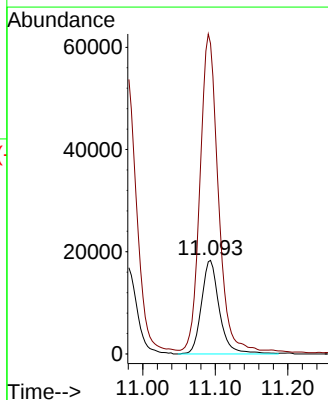
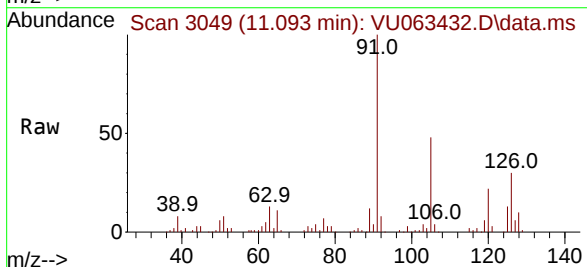
Manual Integrations
APPROVED

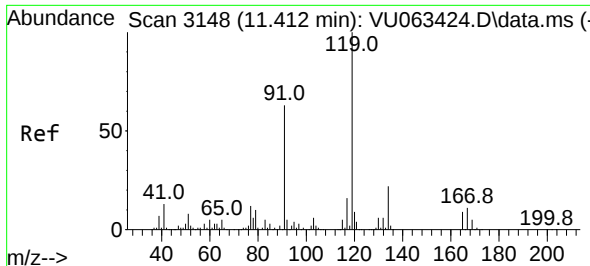
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#76
4-Chlorotoluene
Concen: 1.981 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.005 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

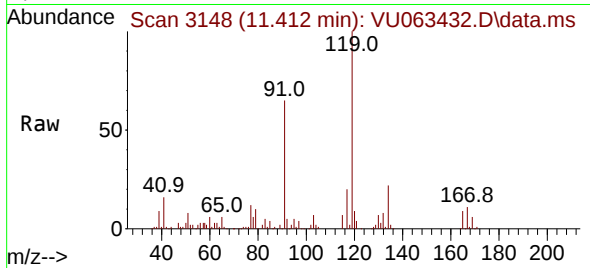
Tgt Ion:126 Resp: 31381
Ion Ratio Lower Upper
126 100
91 339.4 0.0 713.2





#77
tert-Butylbenzene
Concen: 1.906 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

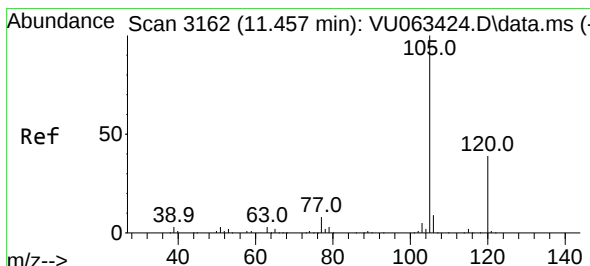
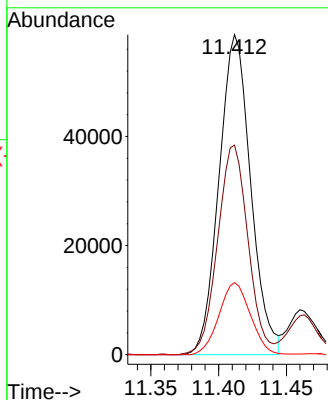
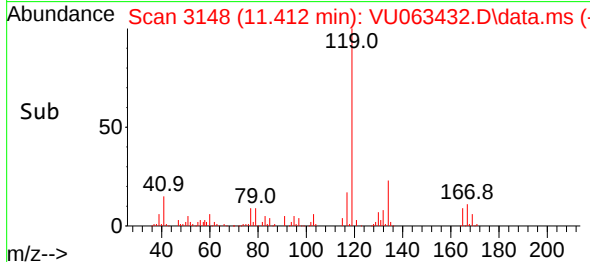
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01



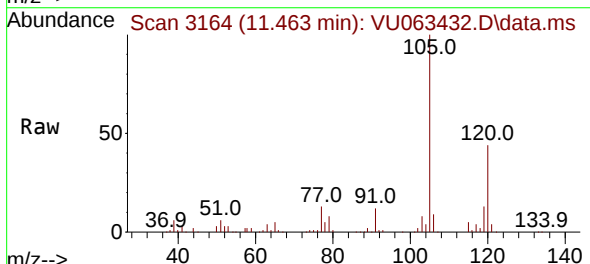
Tgt Ion:119 Resp: 95430
Ion Ratio Lower Upper
119 100
91 62.9 30.9 92.7
134 22.3 17.9 26.9

Manual Integrations
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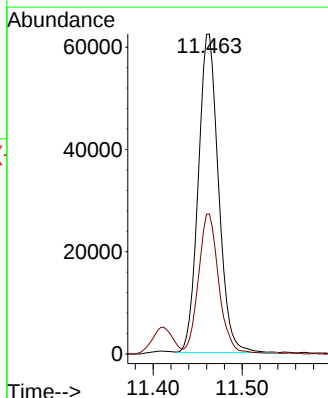
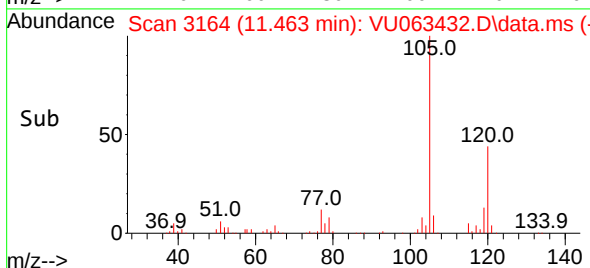
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

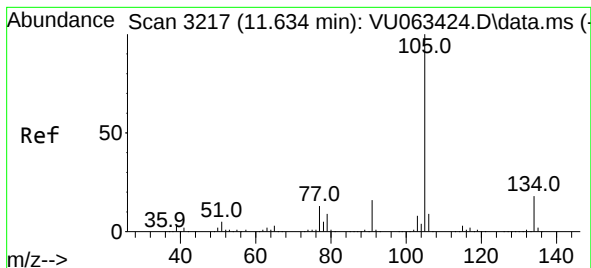


#78
1,2,4-Trimethylbenzene
Concen: 1.844 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48



Tgt Ion:105 Resp: 98098
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5





#79

sec-Butylbenzene

Concen: 1.943 ug/l

RT: 11.637 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBS01

Tgt Ion:105 Resp: 13775

Ion Ratio Lower Upper

105 100

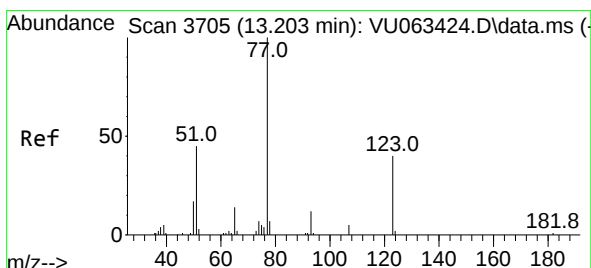
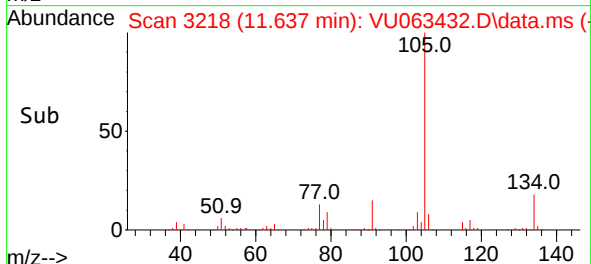
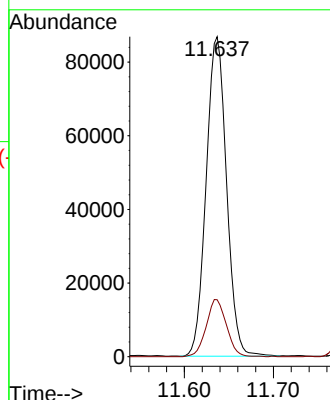
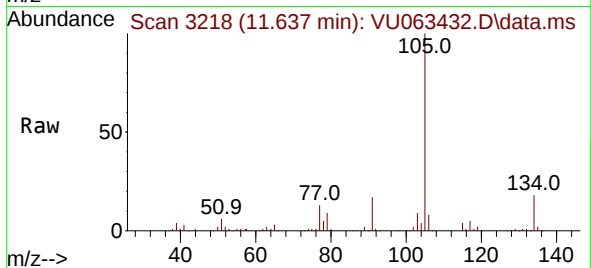
134 17.7 14.8 22.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#80

Nitrobenzene

Concen: 9.432 ug/l m

RT: 13.216 min Scan# 3709

Delta R.T. 0.013 min

Lab File: VU063432.D

Acq: 24 Jun 2025 11:48

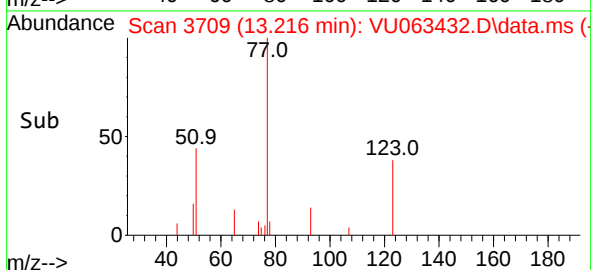
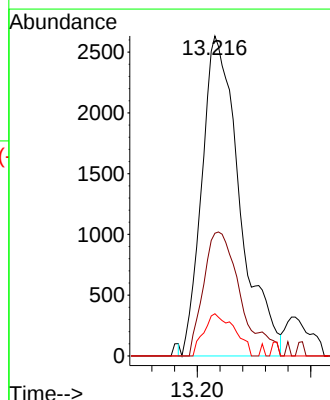
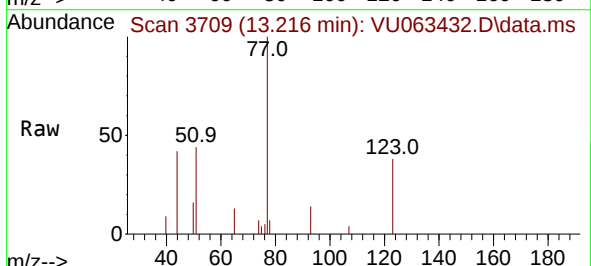
Tgt Ion: 77 Resp: 6073

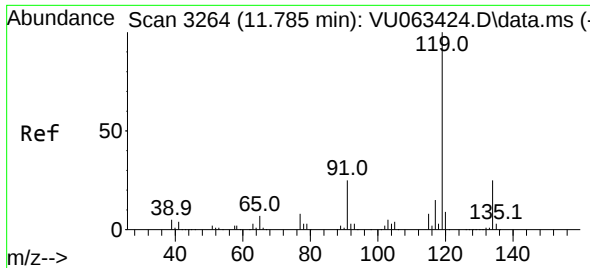
Ion Ratio Lower Upper

77 100

123 37.8 19.6 69.6

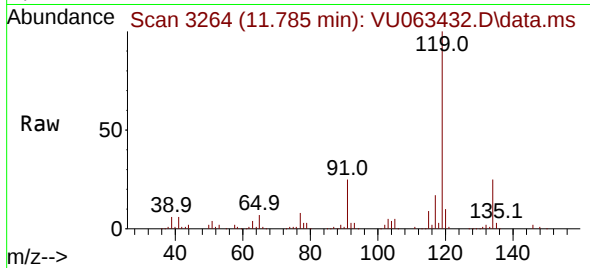
65 10.8 10.6 13.4





#81
p-Isopropyltoluene
Concen: 1.881 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

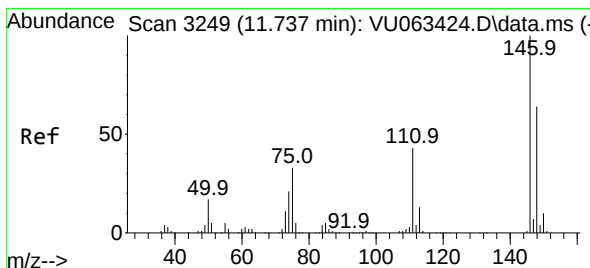
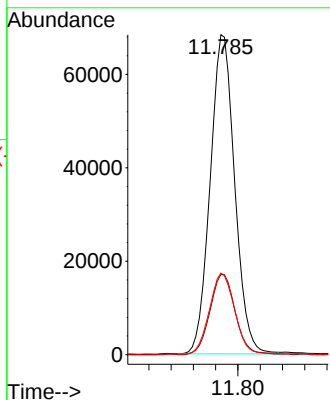
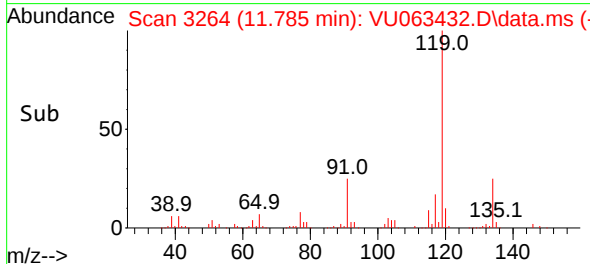
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01



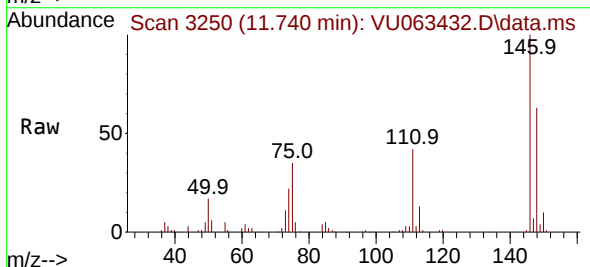
Tgt Ion:119 Resp: 10442
Ion Ratio Lower Upper
119 100
134 26.0 20.2 30.2
91 25.8 19.7 29.5

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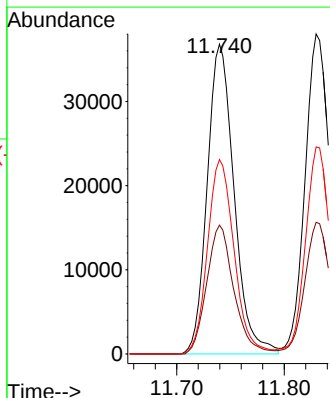
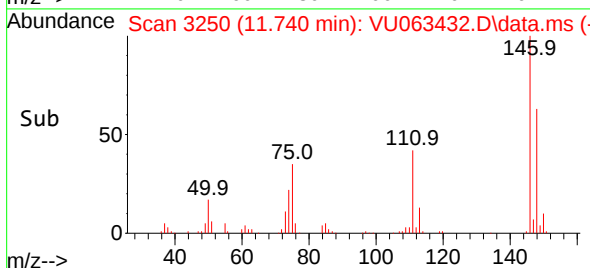
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

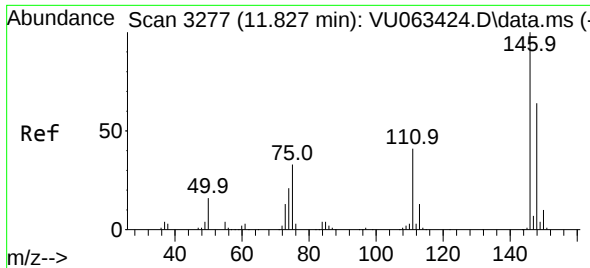


#82
1,3-Dichlorobenzene
Concen: 2.017 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48



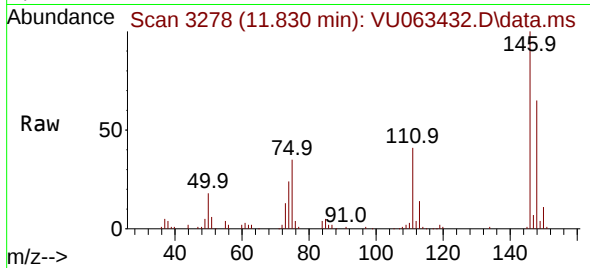
Tgt Ion:146 Resp: 63917
Ion Ratio Lower Upper
146 100
111 42.0 34.3 51.5
148 62.1 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 1.958 ug/l
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

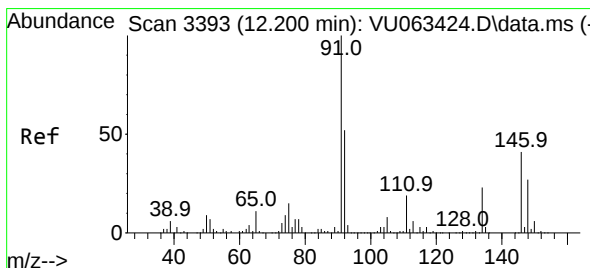
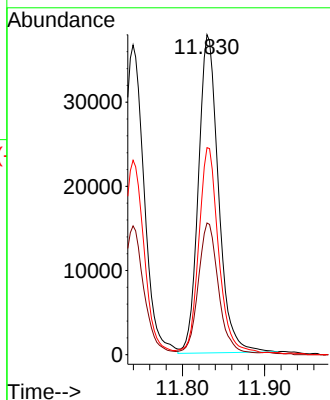
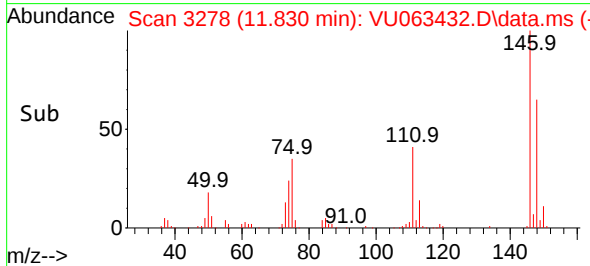
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01



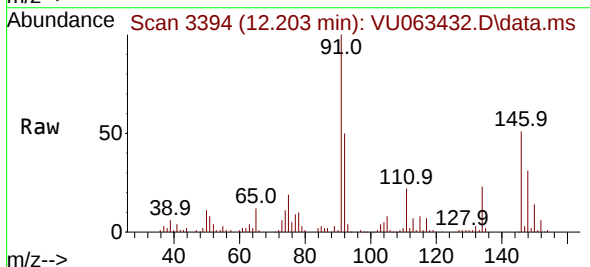
Tgt Ion:146 Resp: 64352
Ion Ratio Lower Upper
146 100
111 40.9 31.7 47.5
148 63.6 51.4 77.0

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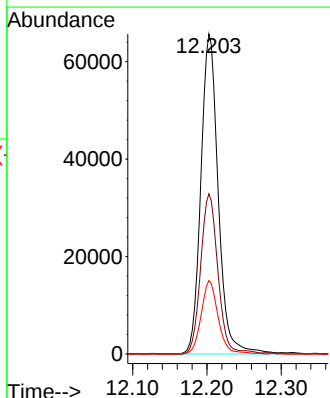
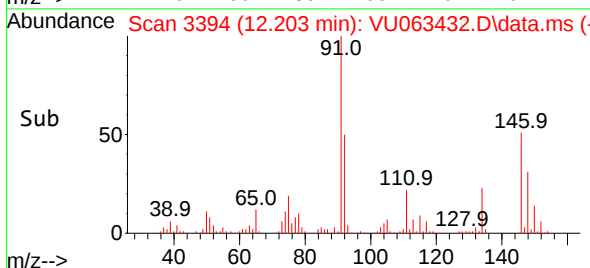
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

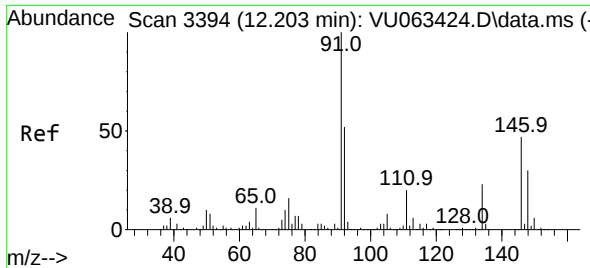


#84
n-Butylbenzene
Concen: 1.838 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48



Tgt Ion: 91 Resp: 106675
Ion Ratio Lower Upper
91 100
92 49.8 41.0 61.6
134 22.4 18.5 27.7





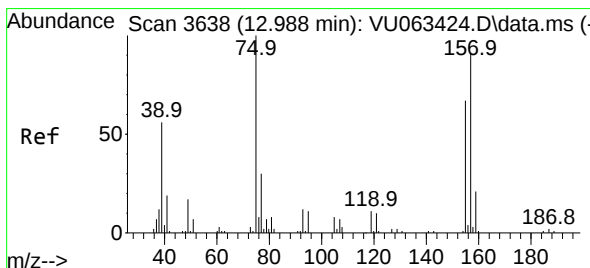
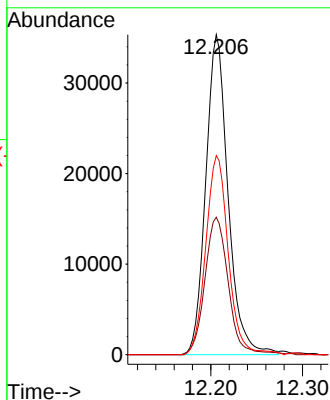
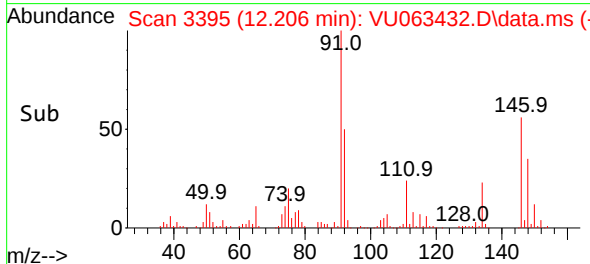
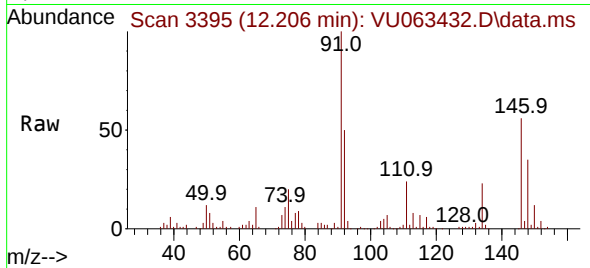
#85
1,2-Dichlorobenzene
Concen: 1.971 ug/l
RT: 12.206 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01

Tgt Ion:146 Resp: 5977
Ion Ratio Lower Upper
146 100
111 45.0 21.8 65.4
148 62.9 32.3 96.9

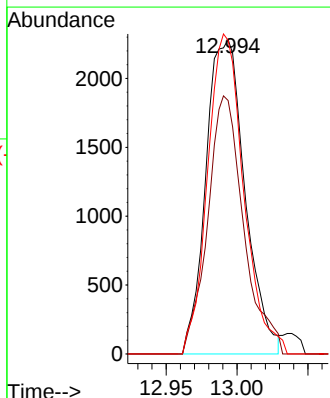
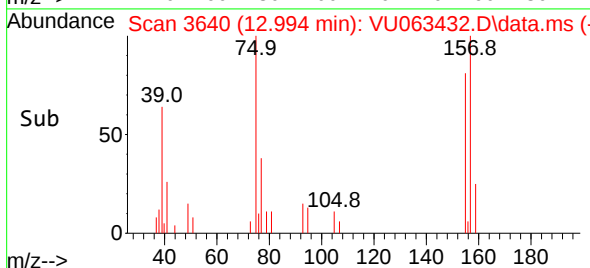
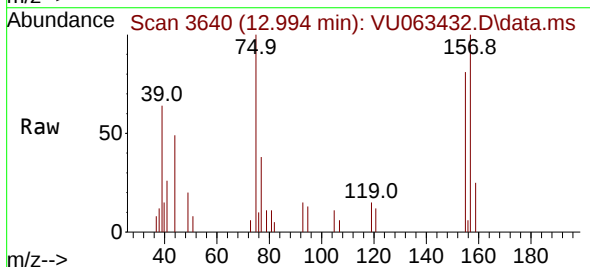
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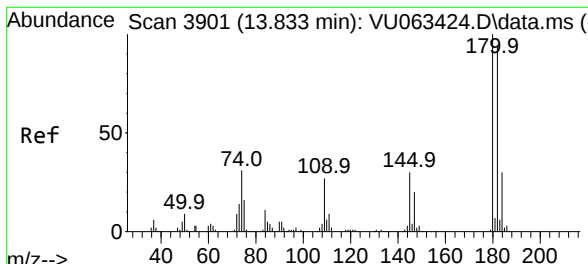
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 2.007 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.006 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

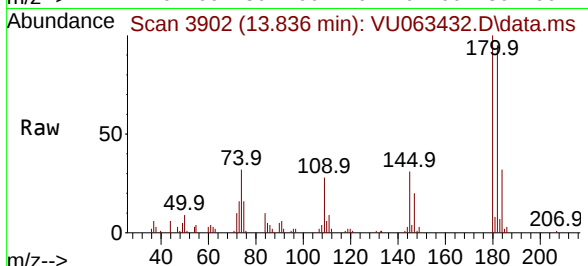
Tgt Ion: 75 Resp: 4374
Ion Ratio Lower Upper
75 100
155 75.5 59.7 89.5
157 94.4 75.0 112.4





#87
1,2,4-Trichlorobenzene
Concen: 1.807 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

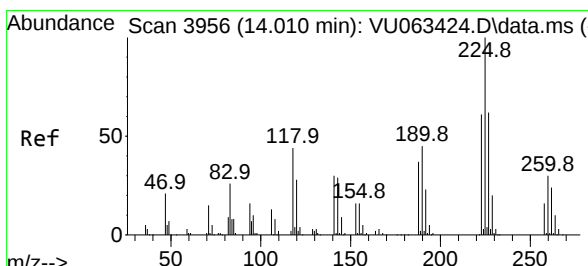
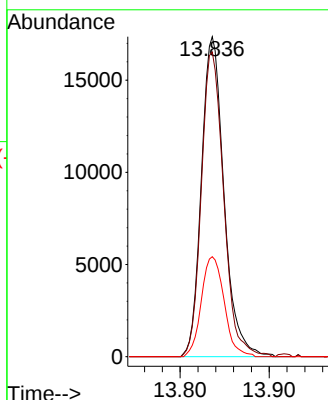
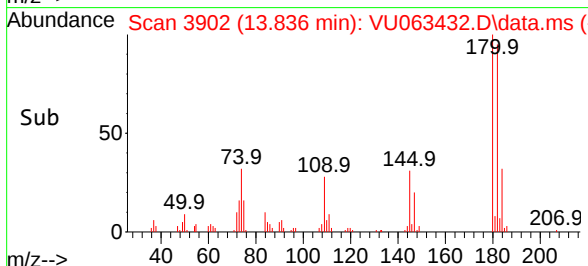
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01



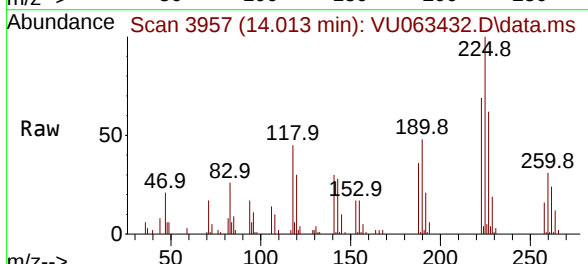
Tgt Ion:180 Resp: 30544
Ion Ratio Lower Upper
180 100
182 94.0 75.6 113.4
145 31.5 24.6 36.8

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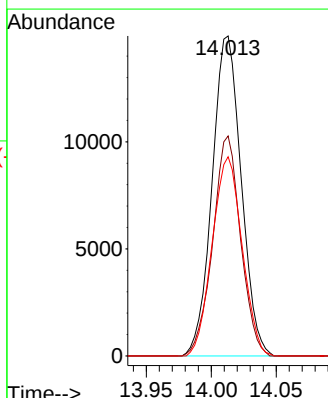
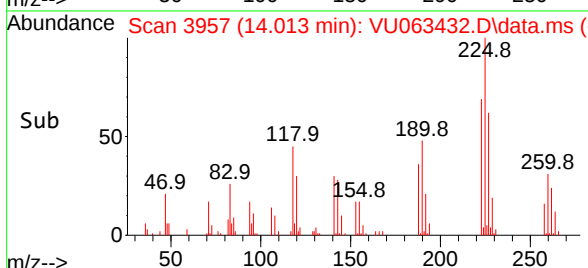
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

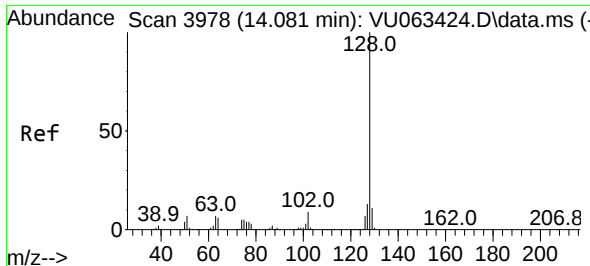


#88
Hexachlorobutadiene
Concen: 1.940 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48



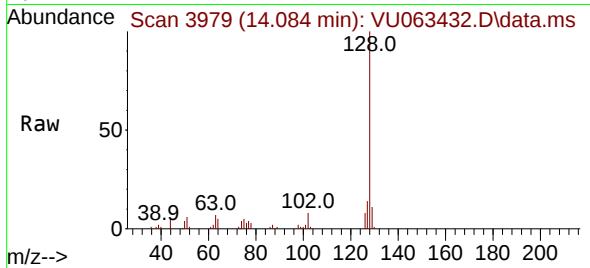
Tgt Ion:225 Resp: 23256
Ion Ratio Lower Upper
225 100
223 65.7 50.0 75.0
227 63.9 51.5 77.3





#89
Naphthalene
Concen: 2.092 ug/l
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

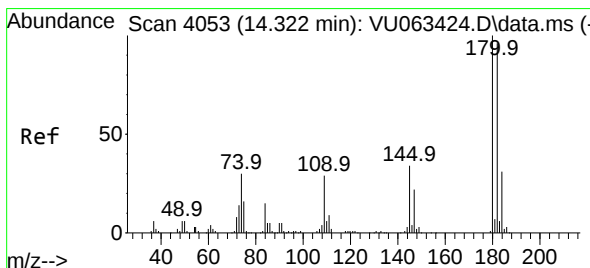
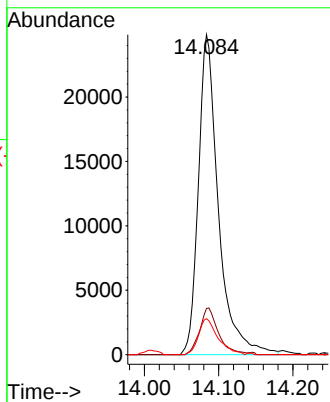
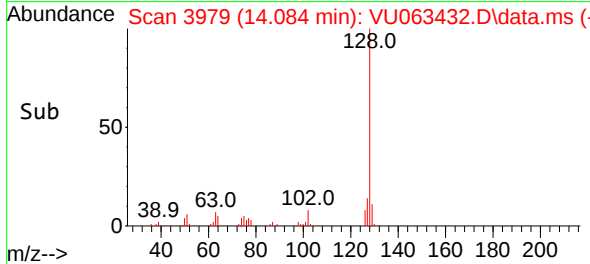
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBS01



Tgt Ion:128 Resp: 46534
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#90
1,2,3-Trichlorobenzene
Concen: 1.681 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063432.D
Acq: 24 Jun 2025 11:48

Tgt Ion:180 Resp: 28258
Ion Ratio Lower Upper
180 100
182 95.8 76.7 115.1
145 33.2 27.4 41.2

