

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063438.D
 Acq On : 24 Jun 2025 14:52
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 06:26:56 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	6.100	96	53341	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	22163	1.132	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	18922	0.962	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	209833	10.242	ug/l	99
3) Chloromethane	1.518	50	231670	8.583	ug/l	98
4) Vinyl Chloride	1.599	62	201185	8.705	ug/l	99
5) Bromomethane	1.843	94	117237	10.588	ug/l	98
6) Chloroethane	1.924	64	138941	10.150	ug/l	99
7) Trichlorofluoromethane	2.126	101	276626	10.497	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	145722	10.380	ug/l	98
9) 1,1-Dichloroethene	2.567	96	147177	10.508	ug/l	99
10) Iodomethane	2.708	142	144420	12.774	ug/l	98
11) Allyl Chloride	2.907	41	255642	10.247	ug/l	98
12) Acrylonitrile	3.303	53	79357m	19.611	ug/l	
13) Acetone	2.618	43	258906	59.271	ug/l	100
14) Carbon Disulfide	2.776	76	493433	10.103	ug/l	99
15) Methylene Chloride	3.026	84	173868	9.793	ug/l	99
16) trans-1,2-Dichloroethene	3.332	96	163610	10.382	ug/l	98
17) 1,1-Dichloroethane	3.846	63	340533	10.291	ug/l	100
18) 2-Butanone	4.718	43	326105	57.744	ug/l	99
19) Cyclohexane	5.357	56	287307	11.477	ug/l	93
20) Methylcyclohexane	6.746	83	259349	11.158	ug/l	97
21) 2,2-Dichloropropane	4.644	77	249662	10.615	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	175256	10.188	ug/l	98
23) Diethyl Ether	2.370	59	132665	10.498	ug/l	97
24) tert-Butyl Alcohol	3.197	59	139461	104.756	ug/l	100
25) Methyl tert-Butyl Ether	3.361	73	399643	10.491	ug/l	98
26) Bromochloromethane	4.956	128	68828	10.280	ug/l	97
27) Chloroform	5.071	83	317488	10.235	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	263459	10.474	ug/l	99
29) 1,1-Dichloropropene	5.502	75	251152	10.930	ug/l	97
30) Carbon Tetrachloride	5.499	117	214825	10.693	ug/l	98
31) Isopropyl Ether	3.994	45	529280	10.239	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	452865	10.336	ug/l	99
33) Tert-Amyl methyl ether	5.946	73	349325	11.138	ug/l	97
34) Propionitrile	4.779	54	81608	49.955	ug/l	97
35) Benzene	5.753	78	748092	10.763	ug/l	99
36) 1,2-Dichloroethane	5.782	62	207242	10.199	ug/l	100
37) Trichloroethene	6.528	130	172556	10.505	ug/l	97
38) 1,2-Dichloropropane	6.782	63	213308	11.111	ug/l	100
39) Methacrylonitrile	4.972	41	63362	9.323	ug/l	97
40) Methyl acrylate	4.849	55	96795	10.143	ug/l	99
41) Tetrahydrofuran	5.062	42	66555	18.203	ug/l	97
42) 1-Chlorobutane	5.438	56	339005	10.400	ug/l	97
43) Dibromomethane	6.907	93	94008	10.483	ug/l	98
44) Bromodichloromethane	7.097	83	229202	10.492	ug/l	99

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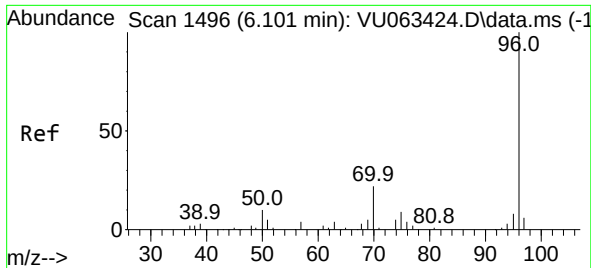
Manual Integrations
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Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
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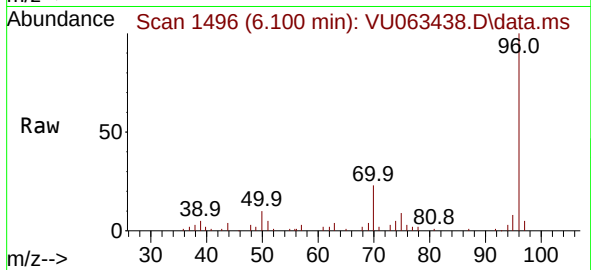
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	543153	56.422	ug/l	100
46) t-1,4-Dichloro-2-butene	10.827	75	58009m	18.332	ug/l	
47) Methyl methacrylate	6.965	69	171205	20.044	ug/l	99
48) Ethyl methacrylate	8.332	69	155721	10.220	ug/l	97
49) Toluene	7.959	92	451765	11.839	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	191619	12.164	ug/l	99
51) cis-1,3-Dichloropropene	7.599	75	248290	11.735	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	139398	10.633	ug/l	98
53) 1,3-Dichloropropane	8.570	76	246330	10.921	ug/l	99
54) 2-Hexanone	8.685	43	415835	54.489	ug/l	100
55) Dibromochloromethane	8.801	129	147613	10.914	ug/l	99
56) 1,2-Dibromoethane	8.917	107	114510	10.775	ug/l	99
58) Tetrachloroethene	8.544	164	166740	10.348	ug/l	97
59) Chlorobenzene	9.441	112	456348	11.170	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	155870	10.600	ug/l	99
61) Pentachloroethane	11.418	117	125558	10.480	ug/l	100
62) Hexachloroethane	12.466	117	117870	10.940	ug/l	97
63) Ethyl Benzene	9.563	91	803882	12.274	ug/l	100
64) m/p-Xylenes	9.685	106	646995	20.861	ug/l	96
65) o-Xylene	10.094	106	301463	12.116	ug/l	100
66) Styrene	10.106	104	519653	10.429	ug/l	99
67) Bromoform	10.283	173	78172	10.577	ug/l	100
69) Isopropylbenzene	10.476	105	697922	12.108	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	175170	10.446	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	132956m	9.708	ug/l	
72) Bromobenzene	10.775	156	180433	11.151	ug/l	85
73) n-propylbenzene	10.897	120	214822	10.268	ug/l	99
74) 2-Chlorotoluene	10.978	126	188995	11.816	ug/l	94
75) 1,3,5-Trimethylbenzene	11.077	105	721081	10.489	ug/l	100
76) 4-Chlorotoluene	11.090	126	193438	11.546	ug/l	88
77) tert-Butylbenzene	11.412	119	634583	11.982	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	731031	10.463	ug/l	100
79) sec-Butylbenzene	11.634	105	912528	12.165	ug/l	100
80) Nitrobenzene	13.203	77	36651	46.523	ug/l	97
81) p-Isopropyltoluene	11.785	119	746437	10.335	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	369781	11.032	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	381773	10.978	ug/l	99
84) n-Butylbenzene	12.200	91	746455	12.157	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	355596	11.085	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	25805	11.194	ug/l	97
87) 1,2,4-Trichlorobenzene	13.833	180	199472	11.153	ug/l	99
88) Hexachlorobutadiene	14.013	225	137762	10.864	ug/l	98
89) Naphthalene	14.081	128	343003	9.319	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	200460	11.272	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

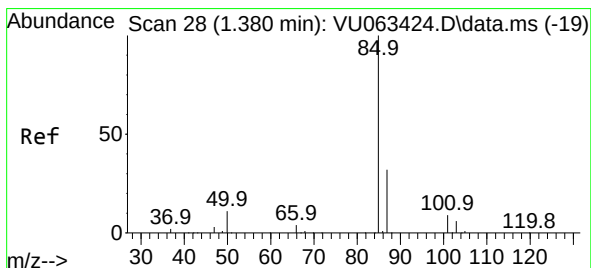
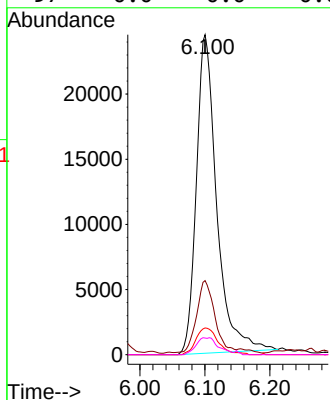
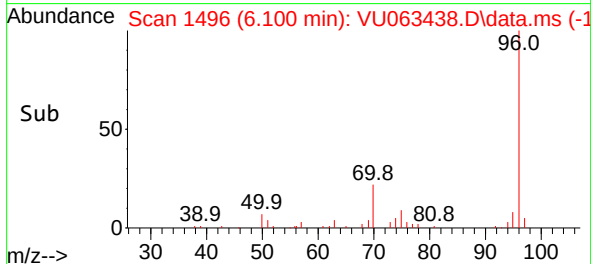
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:	96	Resp:	5334
Ion	Ratio	Lower	Upper
96	100		
70	18.8	16.4	24.6
95	9.2	6.2	9.2
97	0.0	0.0	0.0

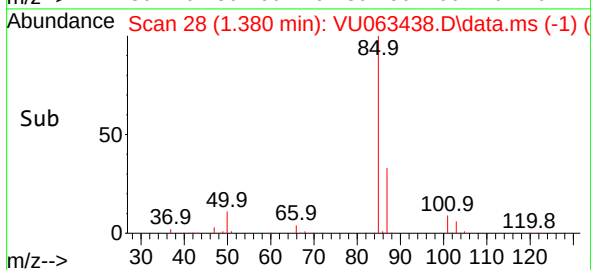
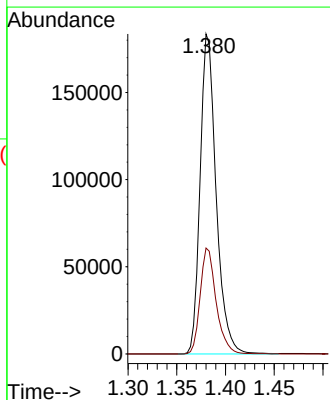
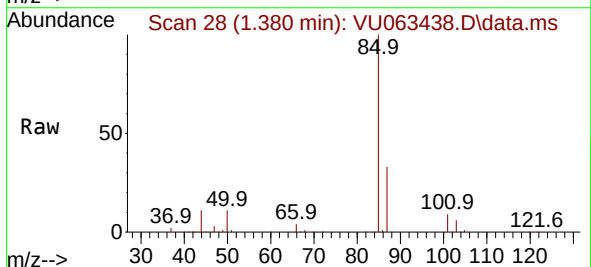
Manual Integrations
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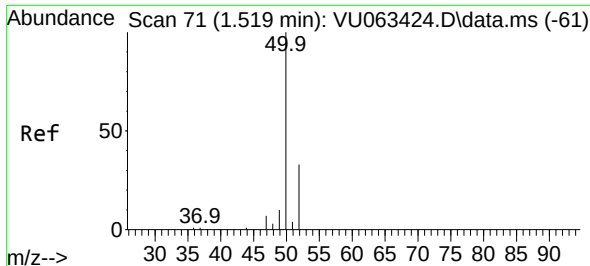
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#2
Dichlorodifluoromethane
Concen: 10.242 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

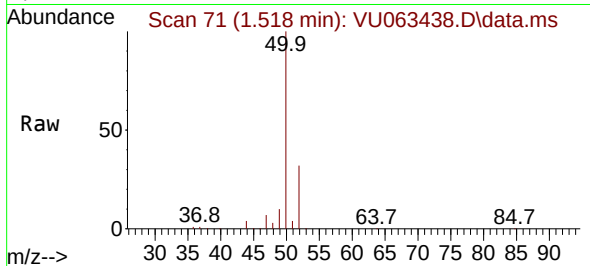
Tgt Ion:	85	Resp:	209833
Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.2	48.5





#3
Chloromethane
Concen: 8.583 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

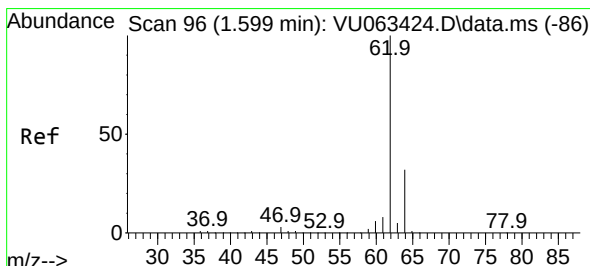
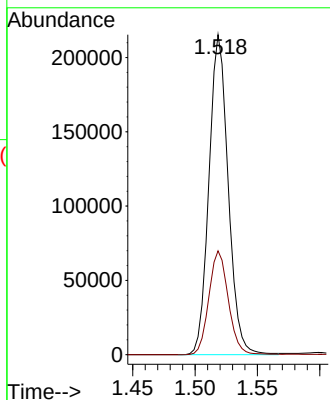
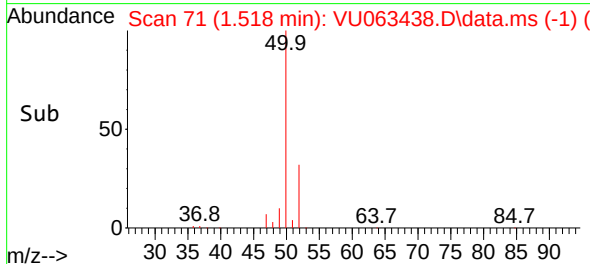
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 50 Resp: 231670
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0

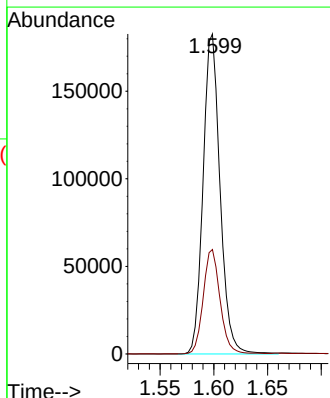
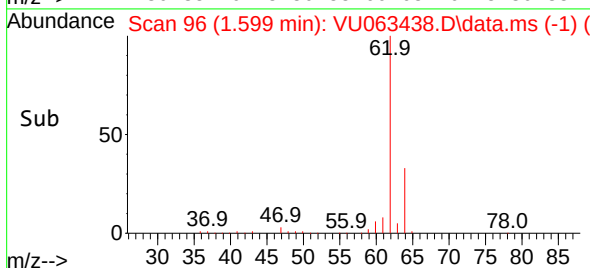
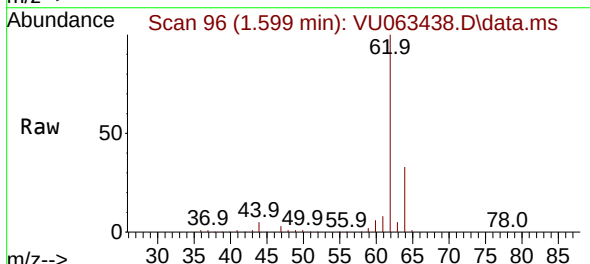
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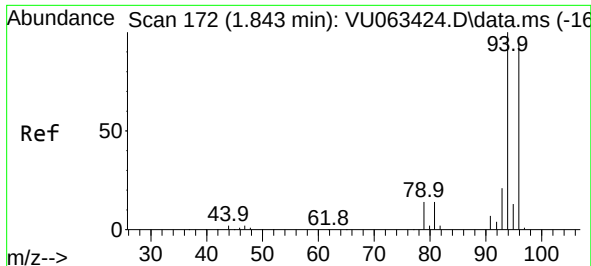
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#4
Vinyl Chloride
Concen: 8.705 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

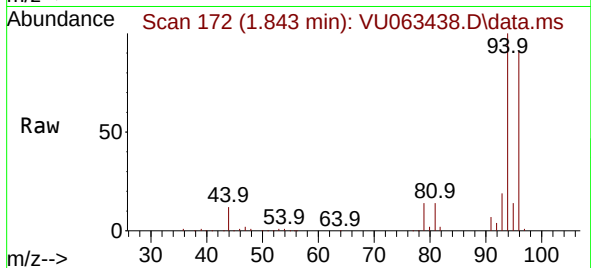
Tgt Ion: 62 Resp: 201185
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5





#5
Bromomethane
Concen: 10.588 ug/l
RT: 1.843 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

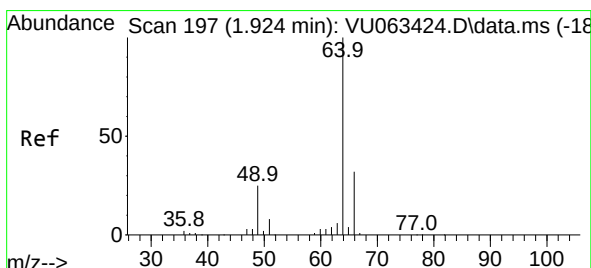
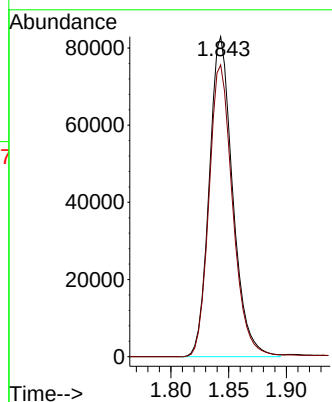
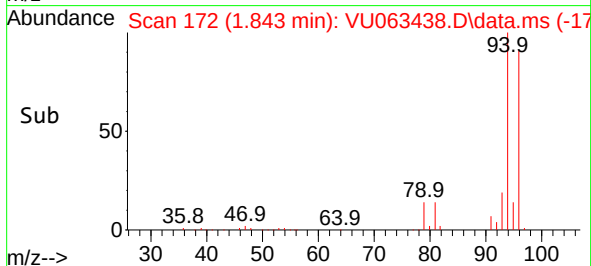
Instrument :
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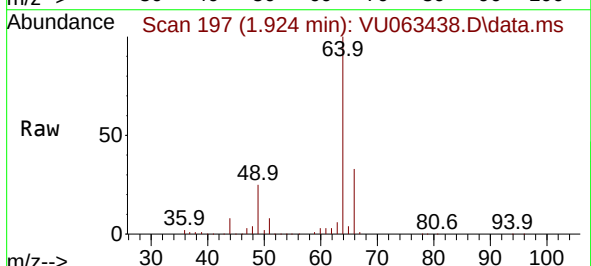
Tgt Ion: 94 Resp: 11723
Ion Ratio Lower Upper
94 100
96 91.2 74.8 112.2

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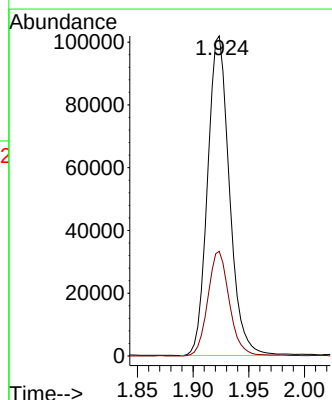
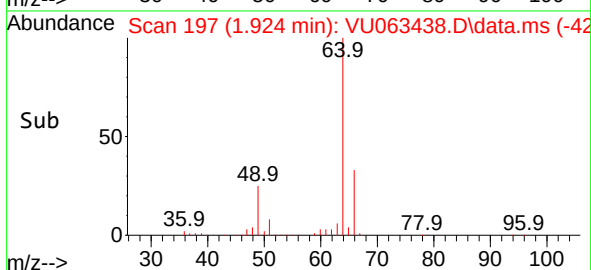
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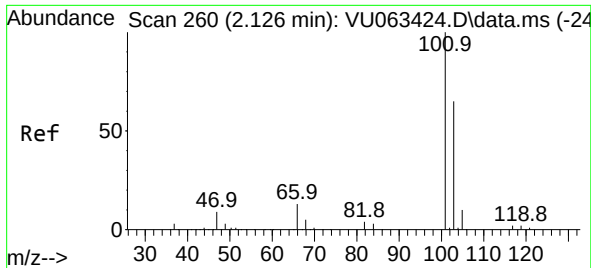


#6
Chloroethane
Concen: 10.150 ug/l
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



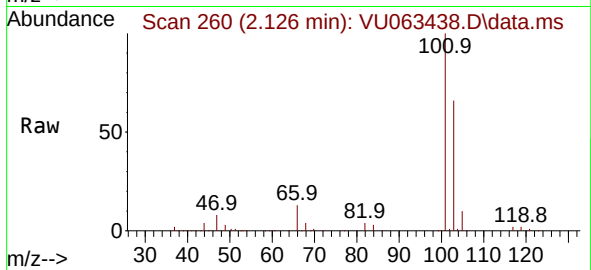
Tgt Ion: 64 Resp: 138941
Ion Ratio Lower Upper
64 100
66 32.8 25.7 38.5





#7
Trichlorofluoromethane
Concen: 10.497 ug/l
RT: 2.126 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

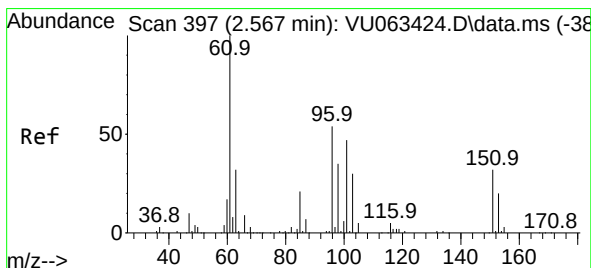
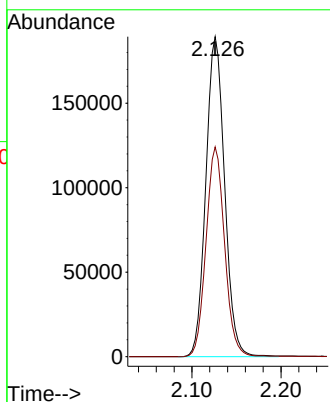
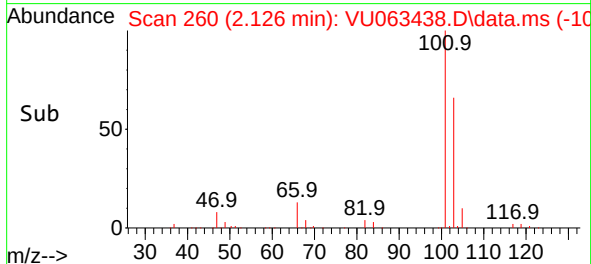
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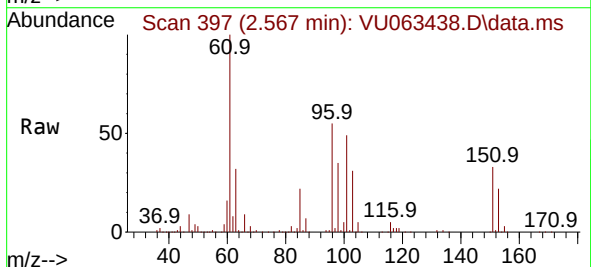
Tgt Ion:101 Resp: 276620
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5

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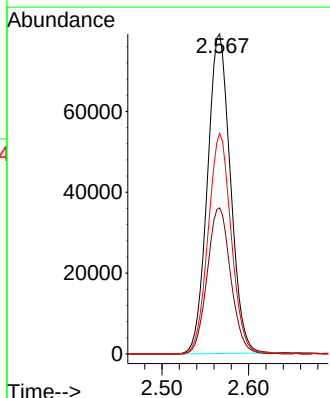
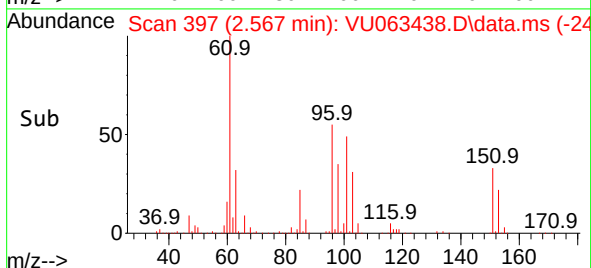
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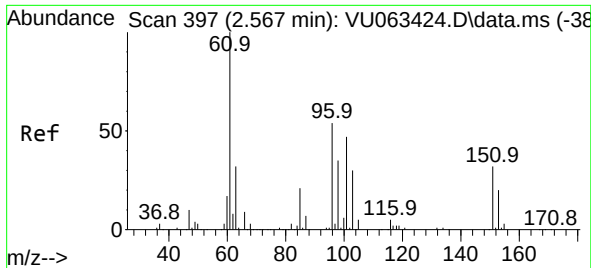


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.380 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



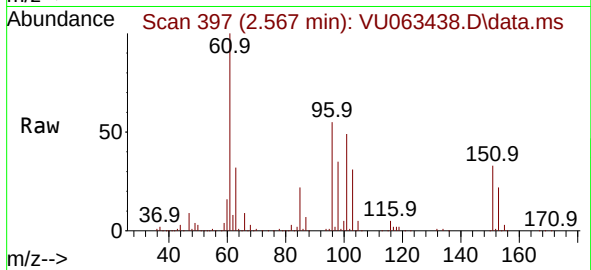
Tgt Ion:101 Resp: 145722
Ion Ratio Lower Upper
101 100
85 46.7 36.7 55.1
151 69.7 53.9 80.9





#9
1,1-Dichloroethene
Concen: 10.508 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

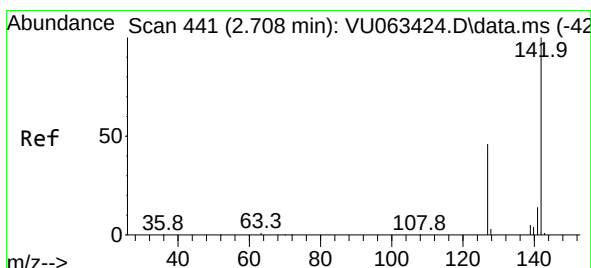
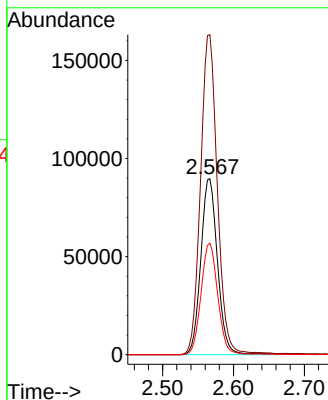
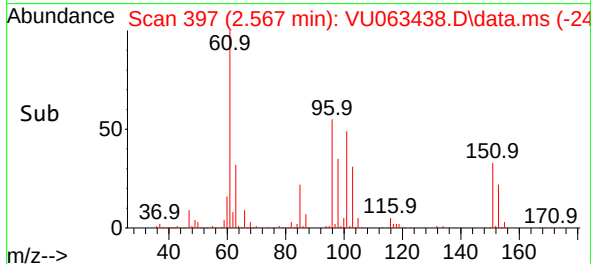
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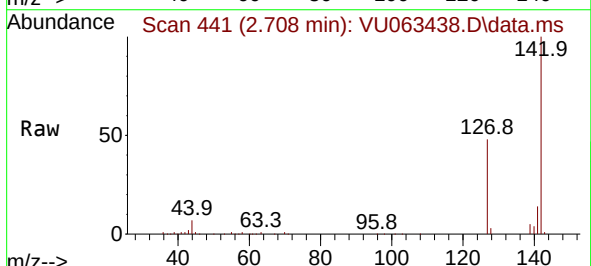
Tgt Ion: 96 Resp: 14717
Ion Ratio Lower Upper
96 100
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98 63.3 0.0 128.4

Manual Integrations
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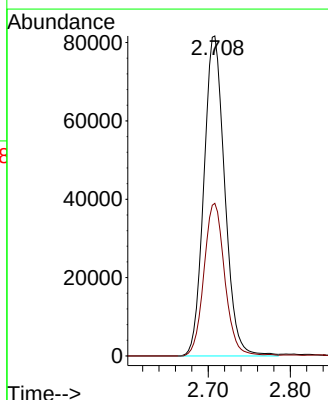
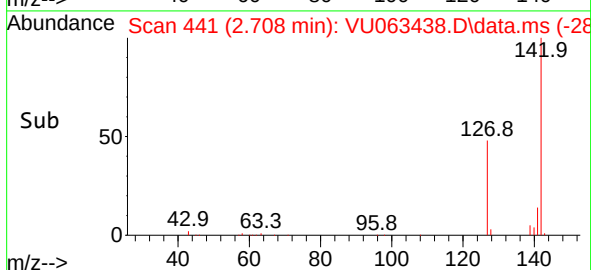
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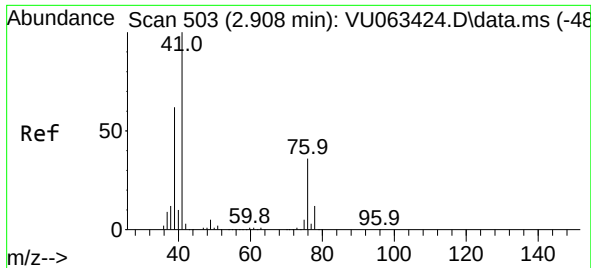


#10
Iodomethane
Concen: 12.774 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



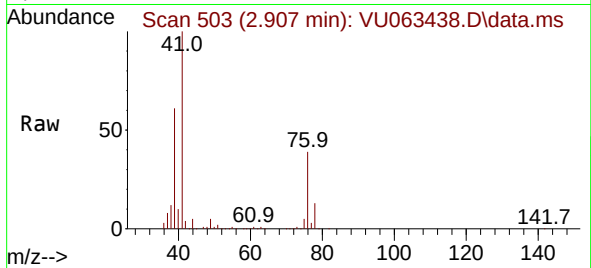
Tgt Ion:142 Resp: 144420
Ion Ratio Lower Upper
142 100
127 47.5 36.9 55.3





#11
 Allyl Chloride
 Concen: 10.247 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.001 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

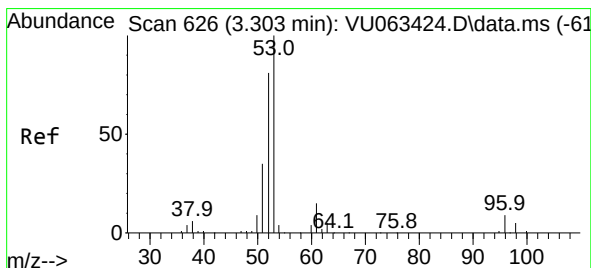
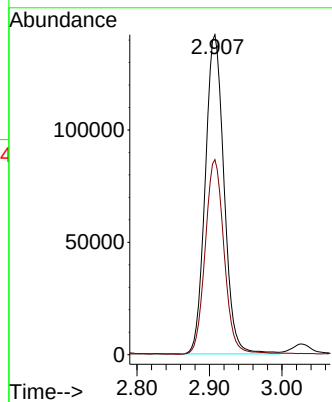
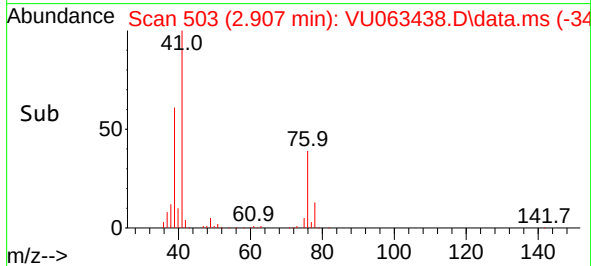
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



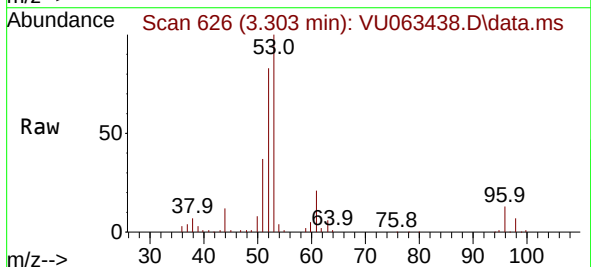
Tgt Ion: 41 Resp: 25564
 Ion Ratio Lower Upper
 41 100
 39 61.7 50.3 75.5

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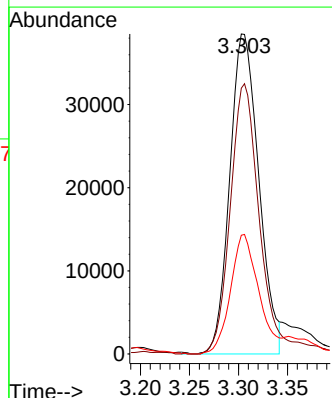
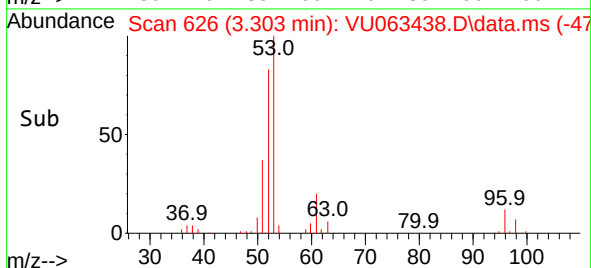
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

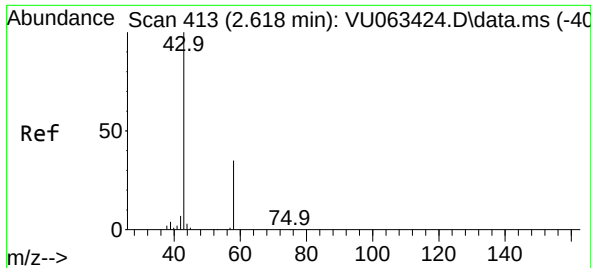


#12
 Acrylonitrile
 Concen: 19.611 ug/l m
 RT: 3.303 min Scan# 626
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52



Tgt Ion: 53 Resp: 79357
 Ion Ratio Lower Upper
 53 100
 52 87.0 62.8 94.2
 51 36.7 26.2 39.4





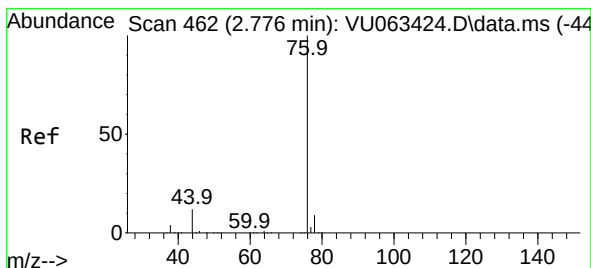
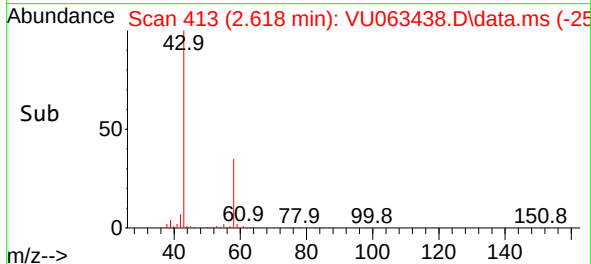
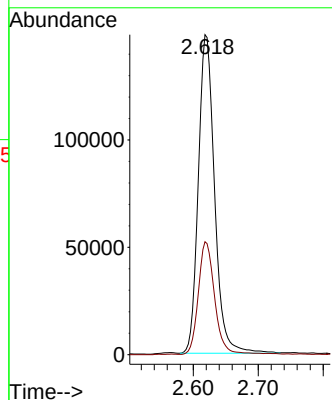
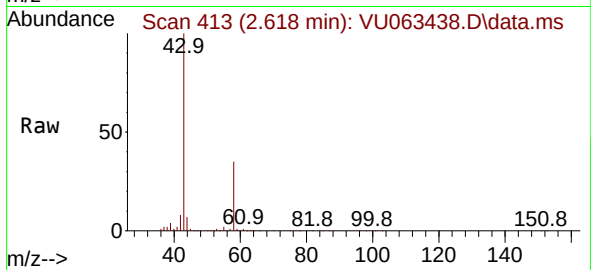
#13
Acetone
Concen: 59.271 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 258900
Ion Ratio Lower Upper
43 100
58 35.4 28.3 42.5

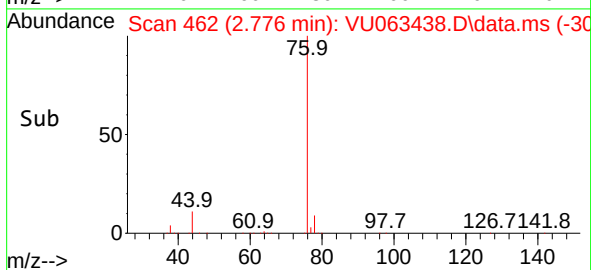
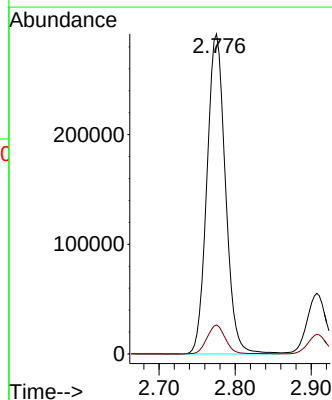
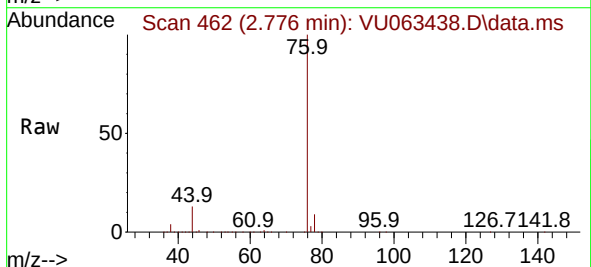
Manual Integrations
APPROVED

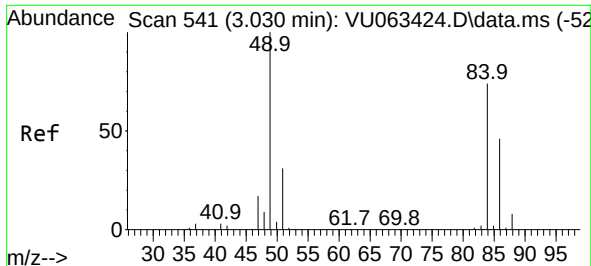
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#14
Carbon Disulfide
Concen: 10.103 ug/l
RT: 2.776 min Scan# 462
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

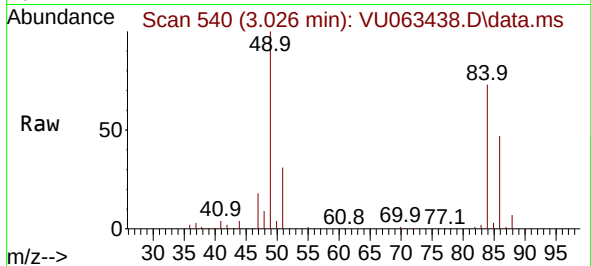
Tgt Ion: 76 Resp: 493433
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3





#15
Methylene Chloride
Concen: 9.793 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.004 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

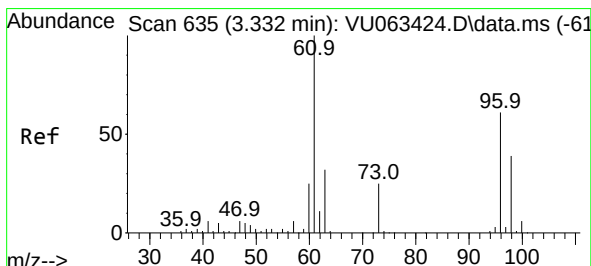
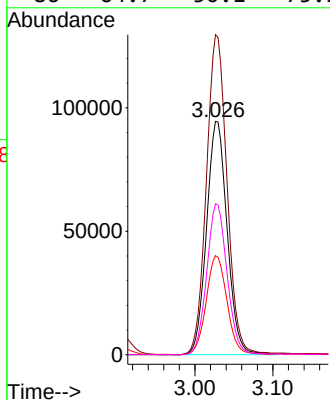
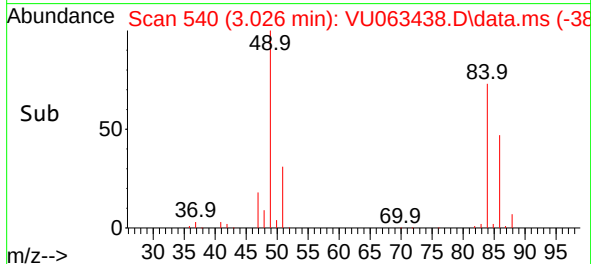
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



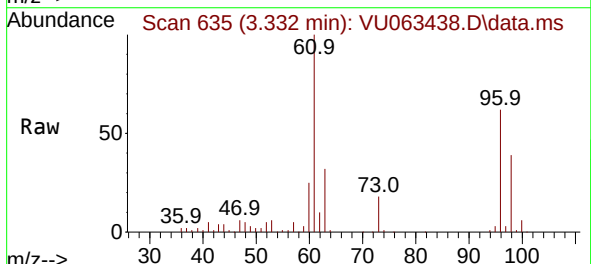
Tgt Ion: 84 Resp: 17386
Ion Ratio Lower Upper
84 100
49 137.2 108.7 163.1
51 42.5 0.0 83.8
86 64.7 50.1 75.1

Manual Integrations
APPROVED

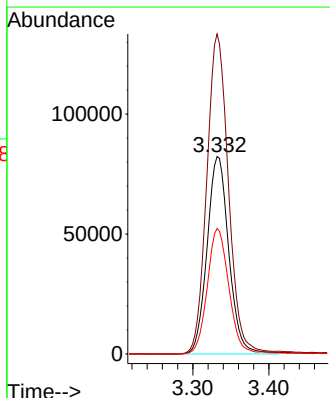
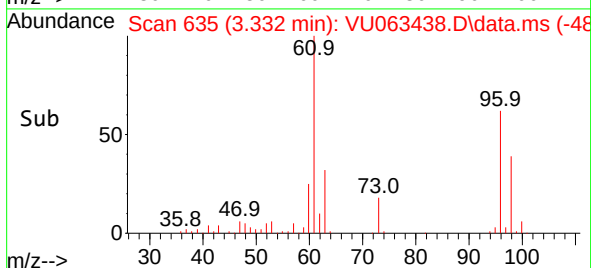
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

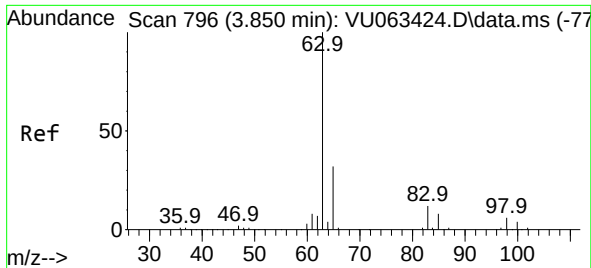


#16
trans-1,2-Dichloroethene
Concen: 10.382 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



Tgt Ion: 96 Resp: 163610
Ion Ratio Lower Upper
96 100
61 162.0 132.1 198.1
98 63.5 51.0 76.4





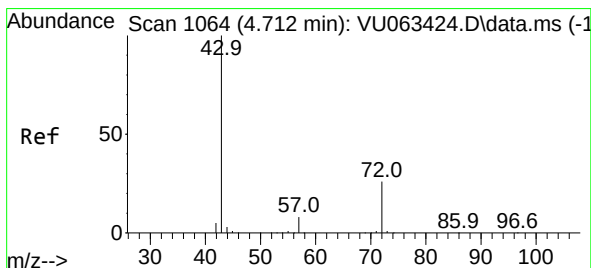
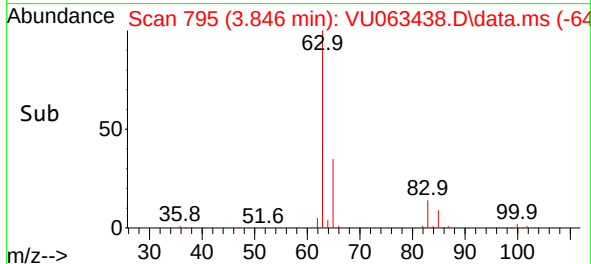
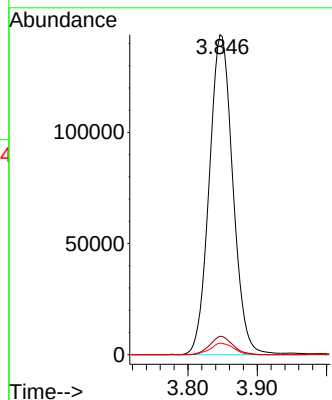
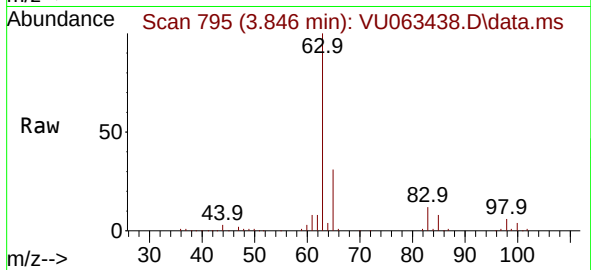
#17
1,1-Dichloroethane
Concen: 10.291 ug/l
RT: 3.846 min Scan# 796
Delta R.T. -0.004 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 34053
Ion Ratio Lower Upper
63 100
98 5.7 2.8 8.4
100 3.6 1.9 5.7

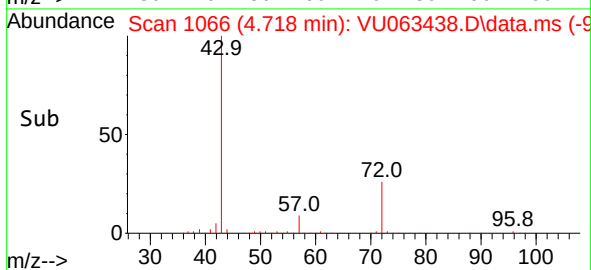
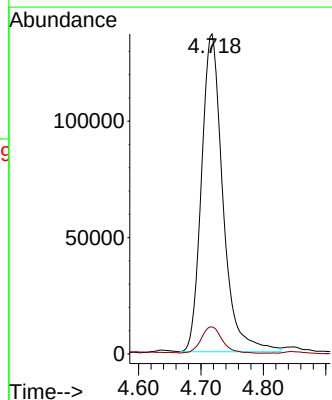
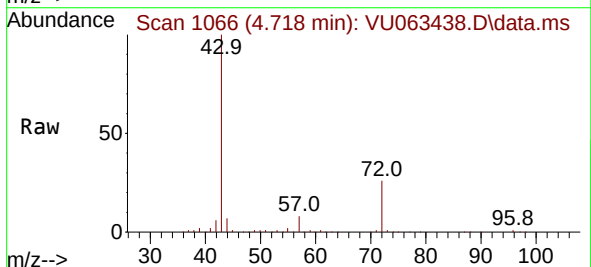
Manual Integrations
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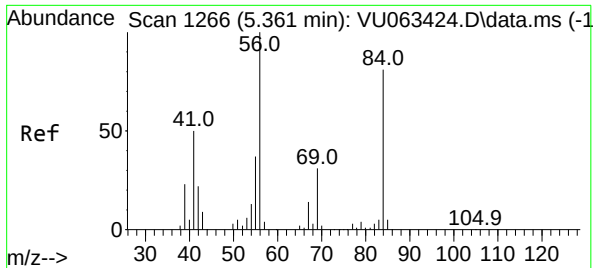
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#18
2-Butanone
Concen: 57.744 ug/l
RT: 4.718 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 43 Resp: 326105
Ion Ratio Lower Upper
43 100
57 8.3 0.0 16.0





#19

Cyclohexane

Concen: 11.477 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.004 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 28730

Ion Ratio Lower Upper

56 100

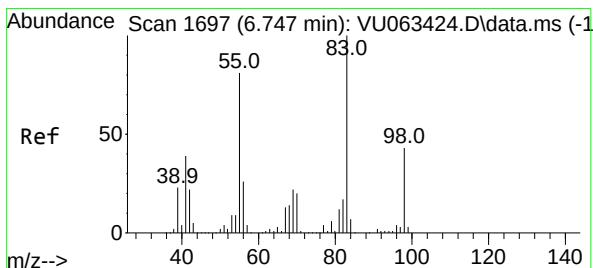
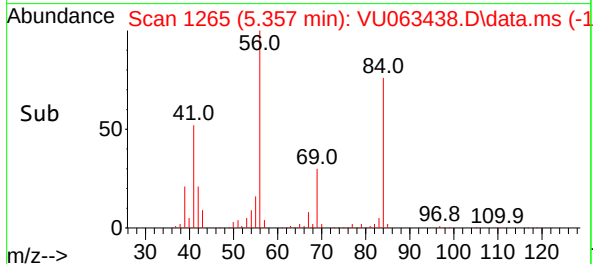
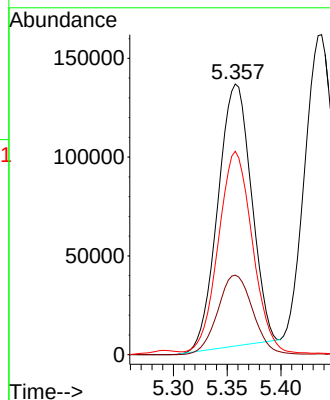
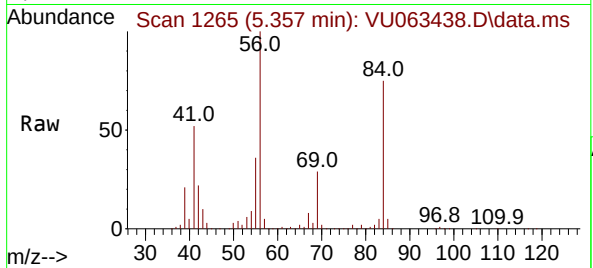
69 31.6 26.4 39.6

84 77.7 68.6 102.8

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 11.158 ug/l

RT: 6.746 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

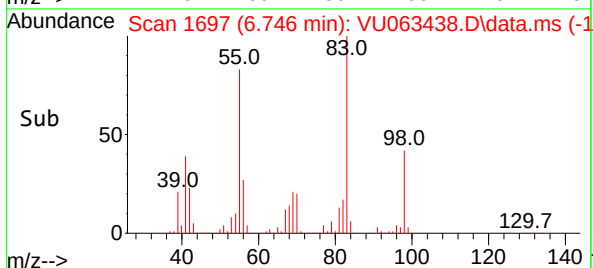
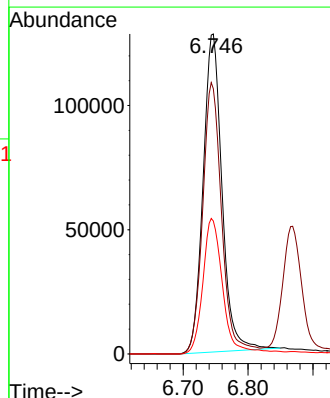
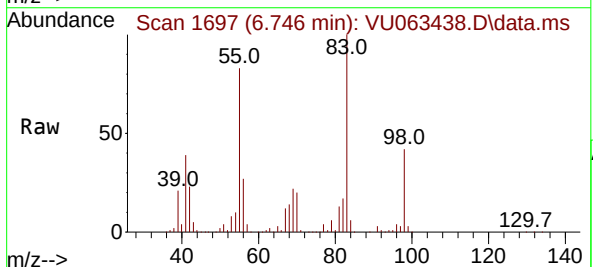
Tgt Ion: 83 Resp: 259349

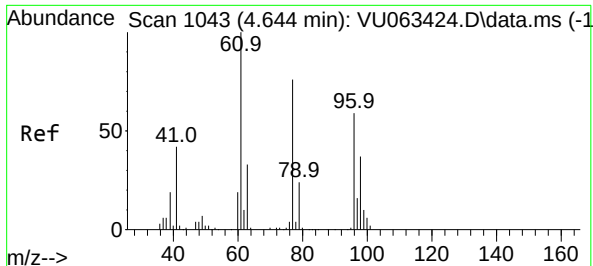
Ion Ratio Lower Upper

83 100

55 82.9 63.5 95.3

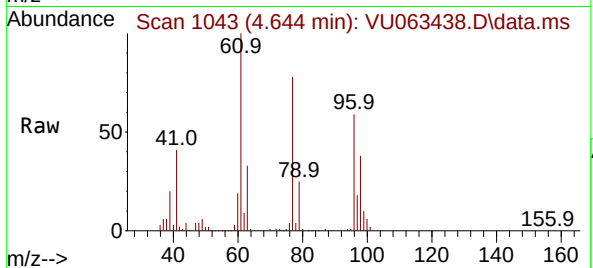
98 43.0 34.2 51.4





#21
2,2-Dichloropropane
Concen: 10.615 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

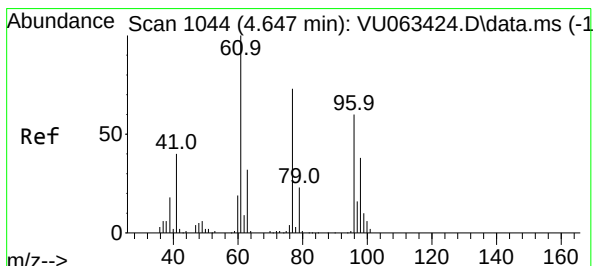
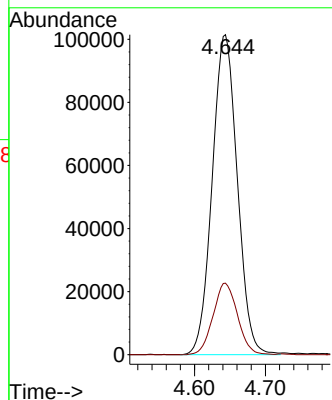
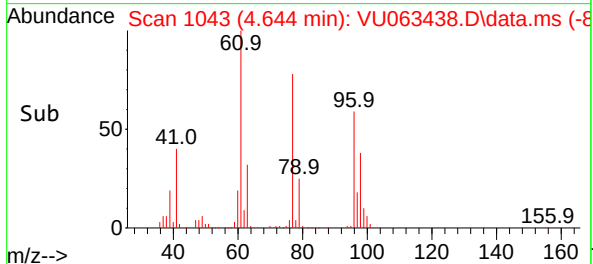
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 77 Resp: 249662
Ion Ratio Lower Upper
77 100
97 21.8 17.2 25.8

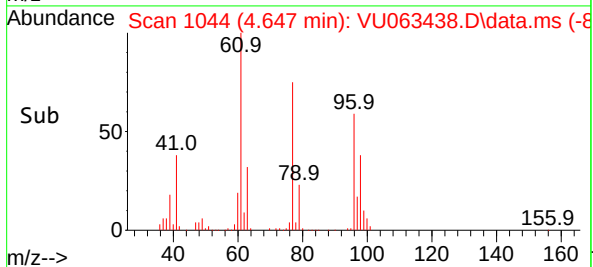
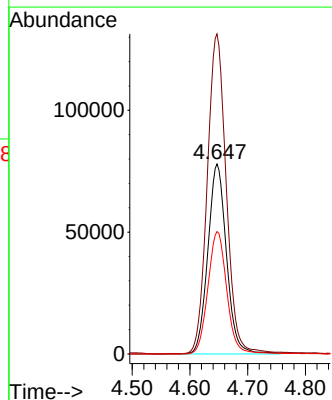
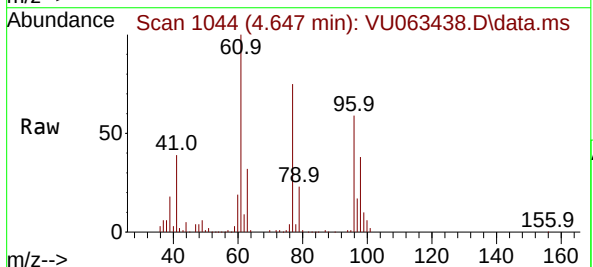
Manual Integrations
APPROVED

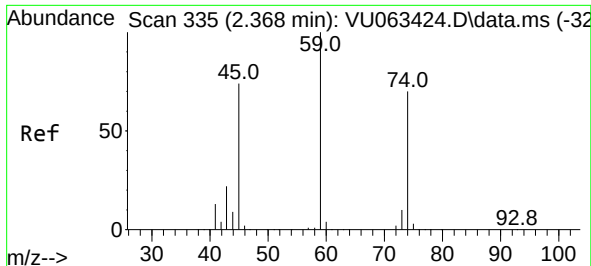
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#22
cis-1,2-Dichloroethene
Concen: 10.188 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

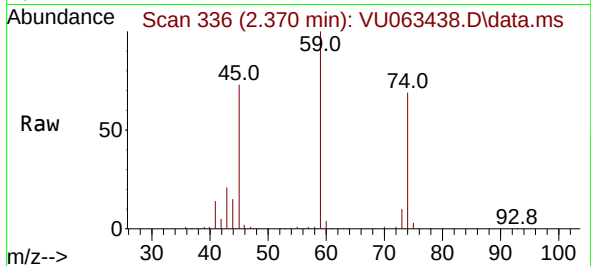
Tgt Ion: 96 Resp: 175256
Ion Ratio Lower Upper
96 100
61 171.1 0.0 434.3
98 64.8 31.9 95.7





#23
Diethyl Ether
Concen: 10.498 ug/l
RT: 2.370 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

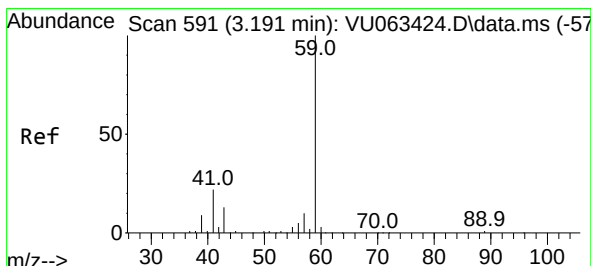
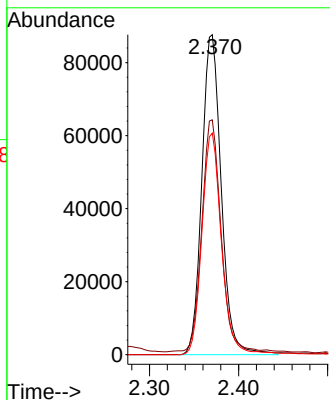
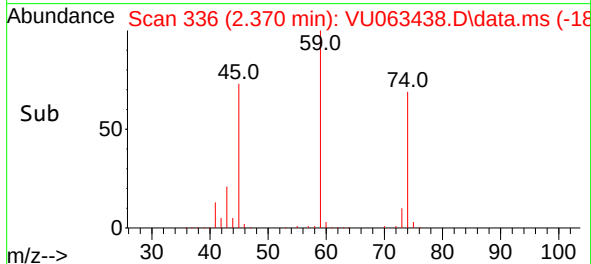
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



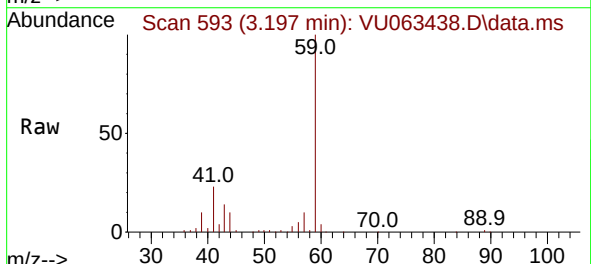
Tgt Ion: 59 Resp: 13266
Ion Ratio Lower Upper
59 100
45 71.6 60.7 91.1
74 69.8 55.8 83.6

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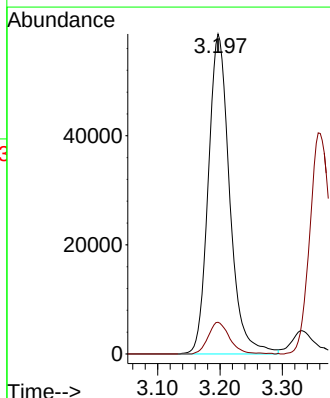
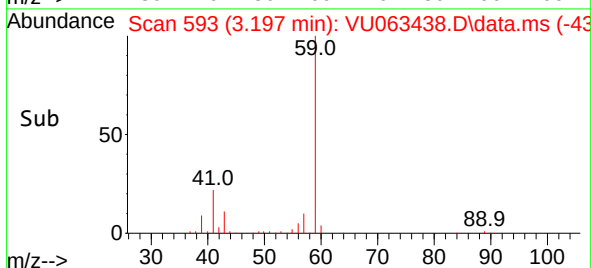
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

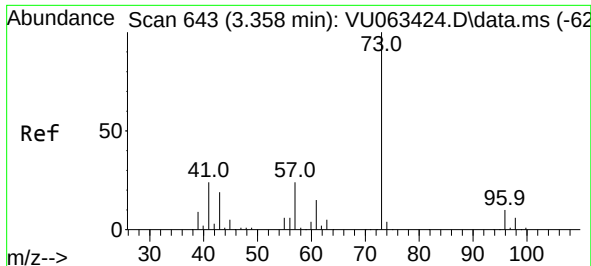


#24
tert-Butyl Alcohol
Concen: 104.756 ug/l
RT: 3.197 min Scan# 593
Delta R.T. 0.006 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



Tgt Ion: 59 Resp: 139461
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8





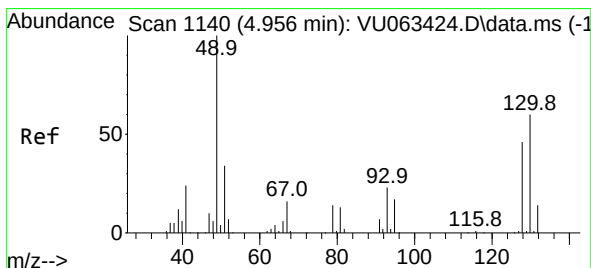
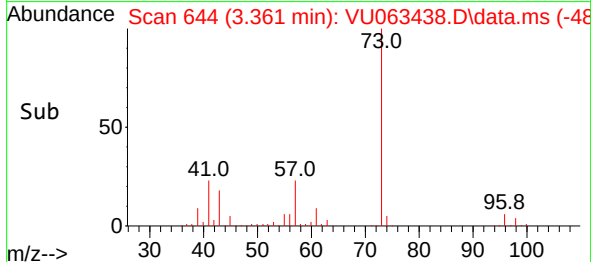
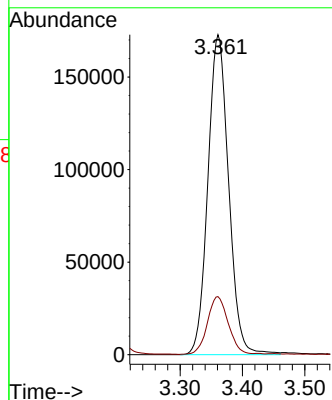
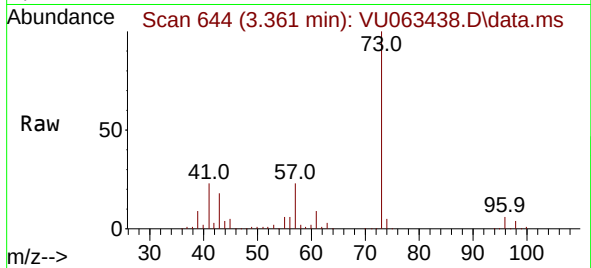
#25
Methyl tert-Butyl Ether
Concen: 10.491 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 73 Resp: 39964
Ion Ratio Lower Upper
73 100
43 18.1 15.1 22.7

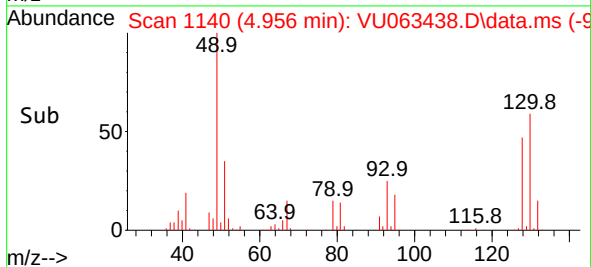
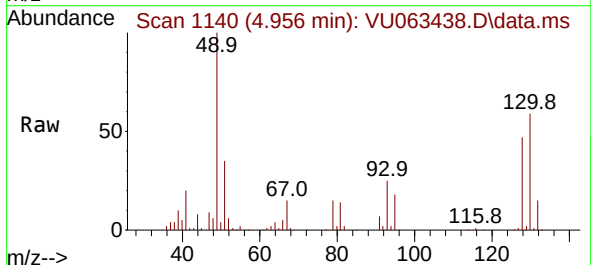
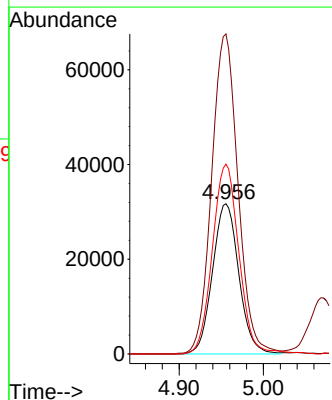
Manual Integrations
APPROVED

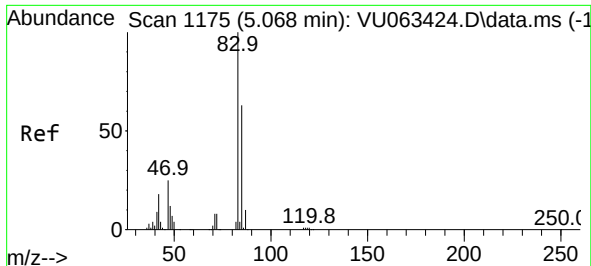
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#26
Bromochloromethane
Concen: 10.280 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion:128 Resp: 68828
Ion Ratio Lower Upper
128 100
49 212.9 0.0 441.2
130 127.5 102.3 153.5





#27

Chloroform

Concen: 10.235 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 31748

Ion Ratio Lower Upper

83 100

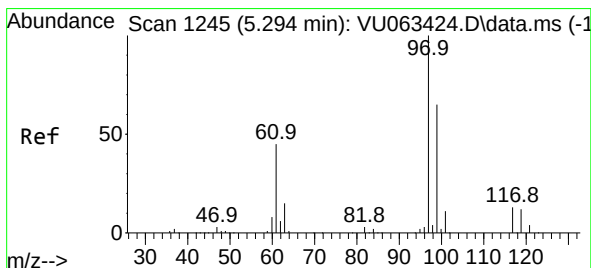
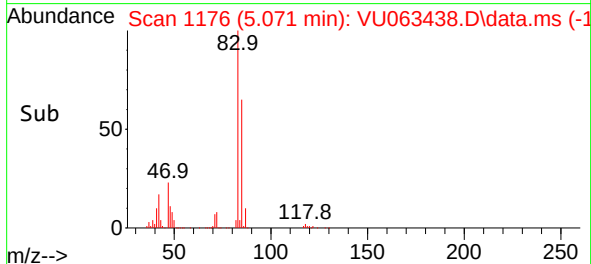
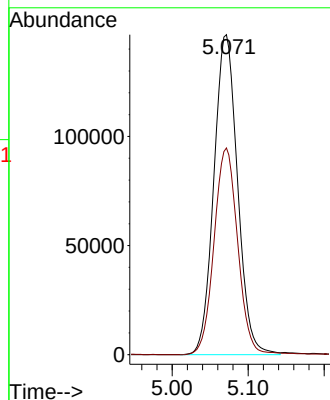
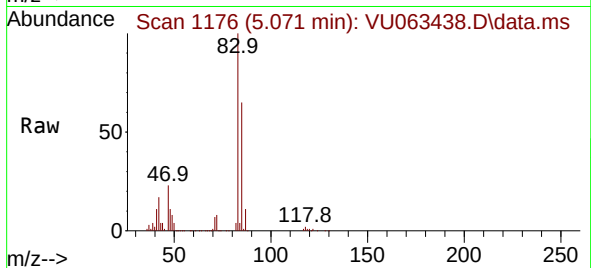
85 64.6 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#28

1,1,1-Trichloroethane

Concen: 10.474 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

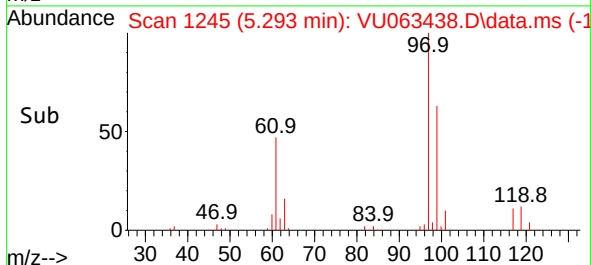
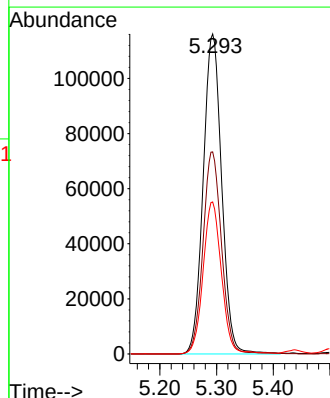
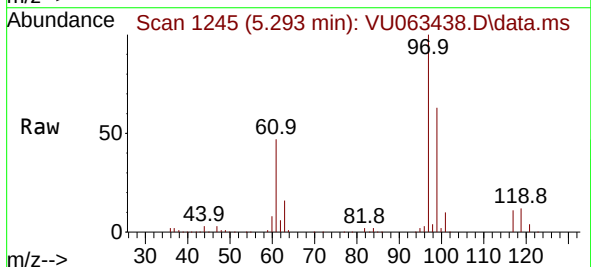
Tgt Ion: 97 Resp: 263459

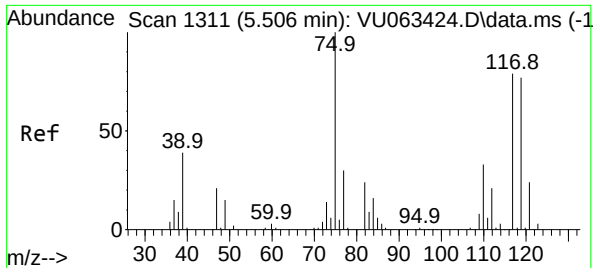
Ion Ratio Lower Upper

97 100

99 63.2 31.9 95.5

61 47.3 22.9 68.7





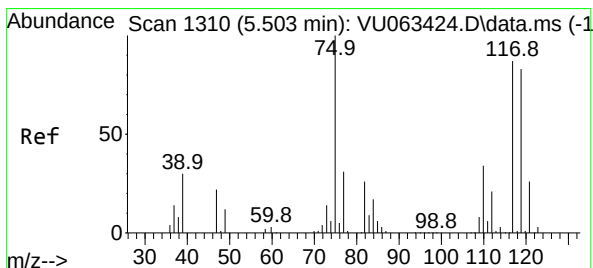
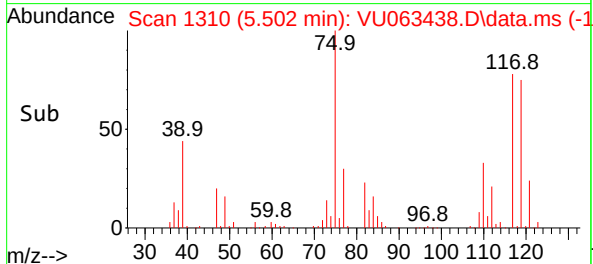
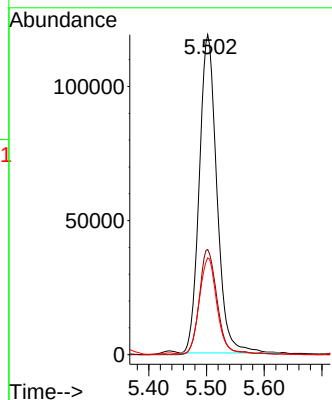
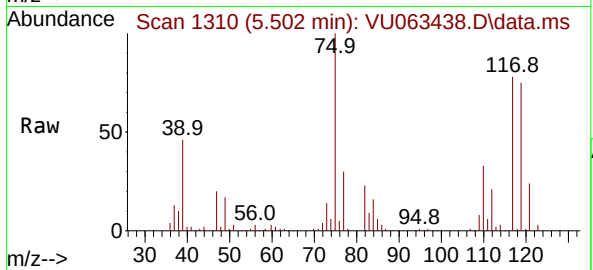
#29
1,1-Dichloropropene
Concen: 10.930 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 251152
Ion Ratio Lower Upper
75 100
110 33.5 17.4 52.2
77 30.0 25.4 38.0

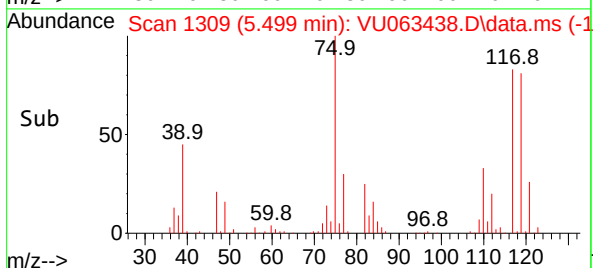
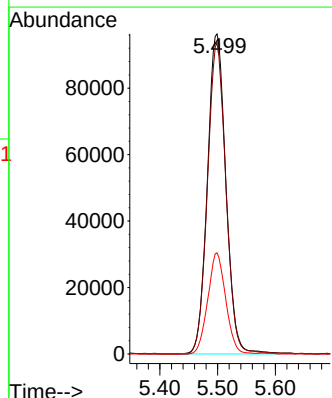
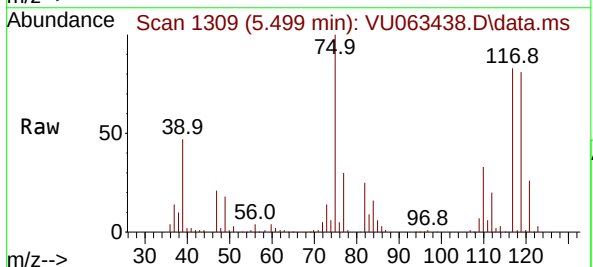
Manual Integrations
APPROVED

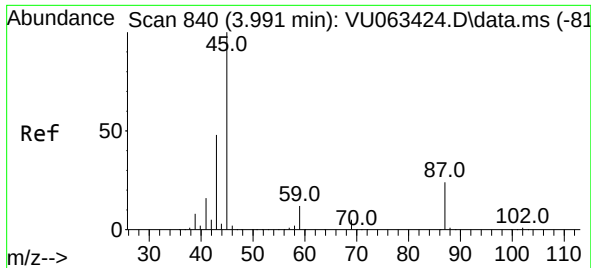
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#30
Carbon Tetrachloride
Concen: 10.693 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

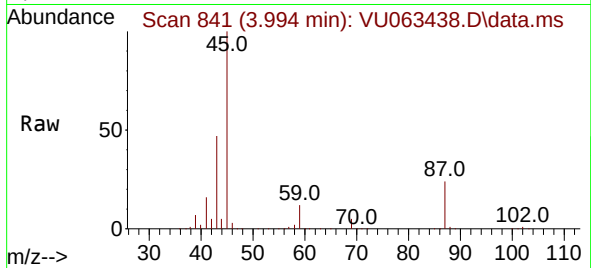
Tgt Ion:117 Resp: 214825
Ion Ratio Lower Upper
117 100
119 97.3 76.7 115.1
121 31.6 24.3 36.5





#31
Isopropyl Ether
Concen: 10.239 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

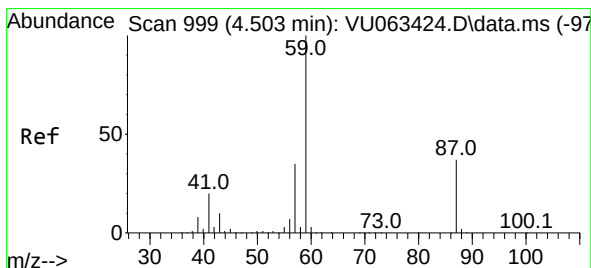
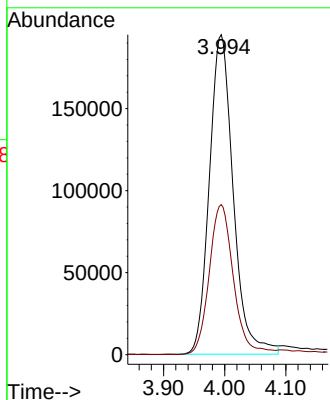
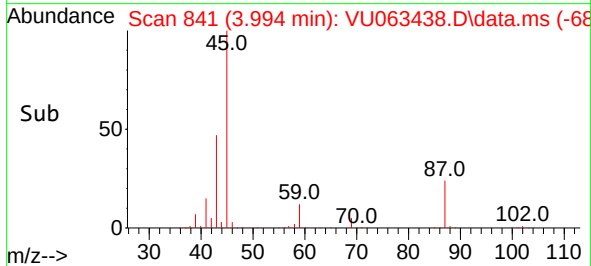
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



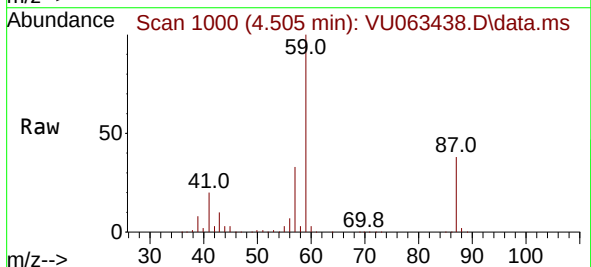
Tgt Ion: 45 Resp: 529280
Ion Ratio Lower Upper
45 100
43 47.6 23.8 71.5

Manual Integrations
APPROVED

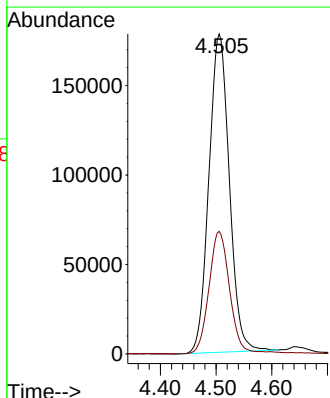
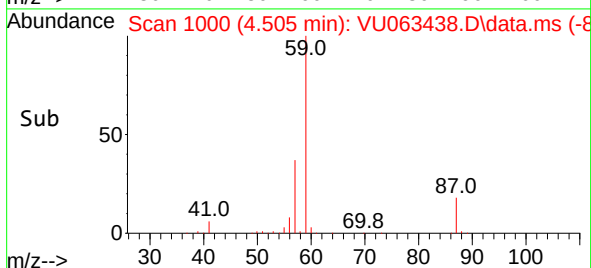
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

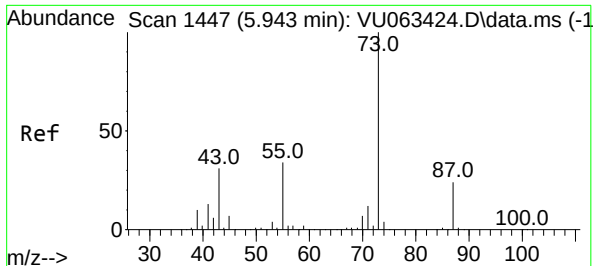


#32
Ethyl-t-butyl ether
Concen: 10.336 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



Tgt Ion: 59 Resp: 452865
Ion Ratio Lower Upper
59 100
87 37.7 29.9 44.9





#33

Tert-Amyl methyl ether

Concen: 11.138 ug/l

RT: 5.946 min Scan# 1447

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

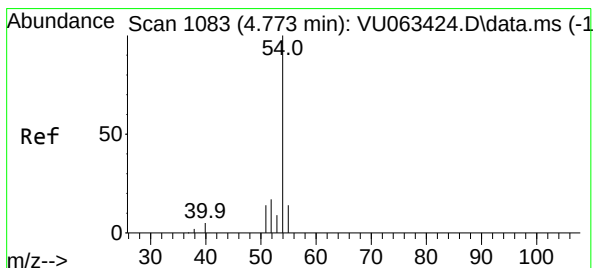
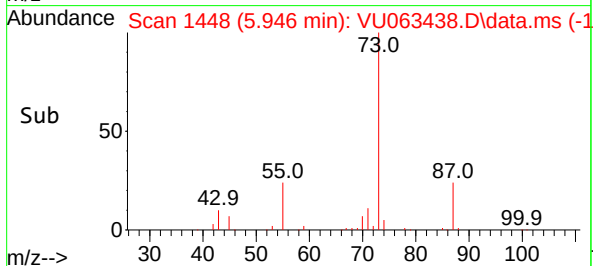
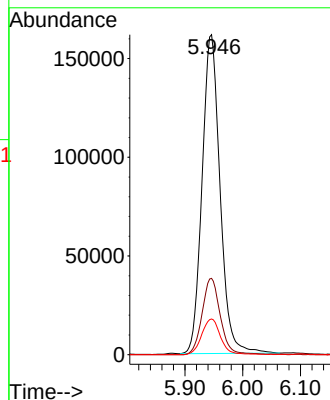
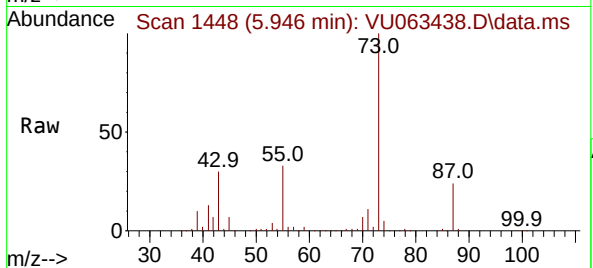
Tgt Ion: 73 Resp: 349325

Ion	Ratio	Lower	Upper
73	100		
87	24.0	18.1	27.1
71	11.7	10.0	15.0

Manual Integrations

APPROVED

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



#34

Propionitrile

Concen: 49.955 ug/l

RT: 4.779 min Scan# 1085

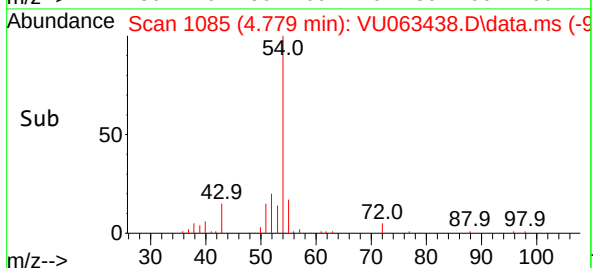
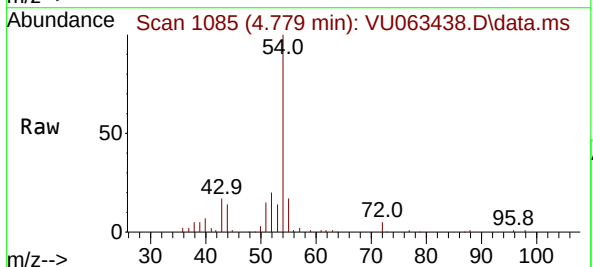
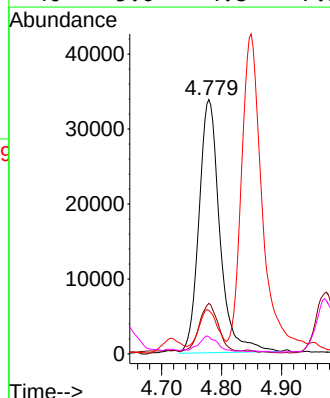
Delta R.T. 0.006 min

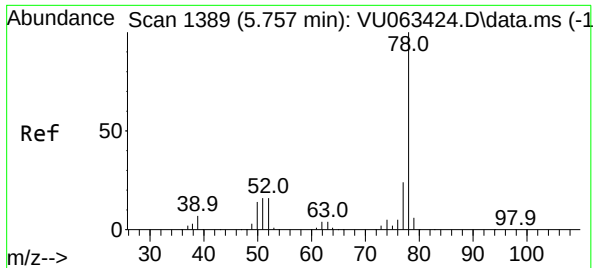
Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Tgt Ion: 54 Resp: 81608

Ion	Ratio	Lower	Upper
54	100		
52	17.1	14.8	22.2
55	14.1	12.2	18.2
40	5.0	4.8	7.2





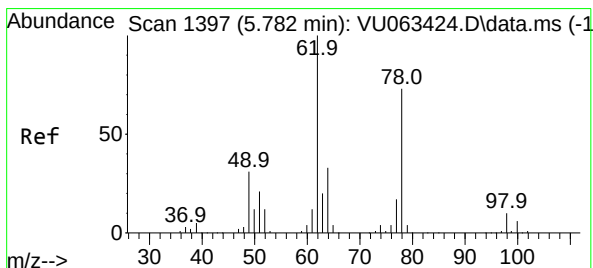
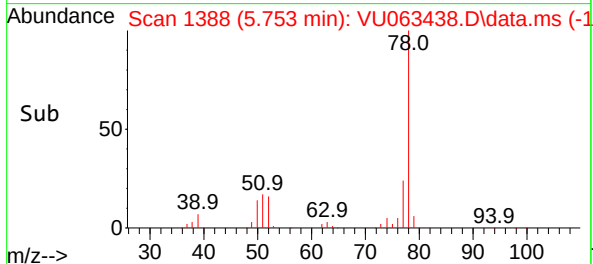
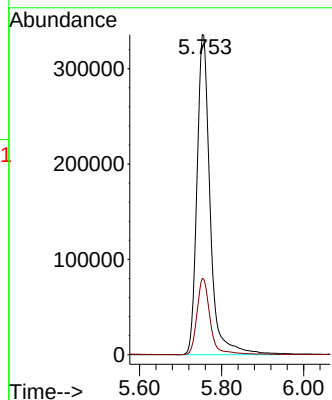
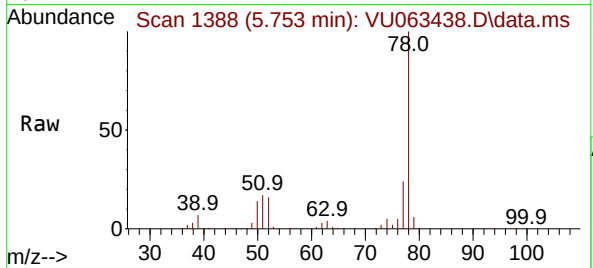
#35
Benzene
Concen: 10.763 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.004 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 748092
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2

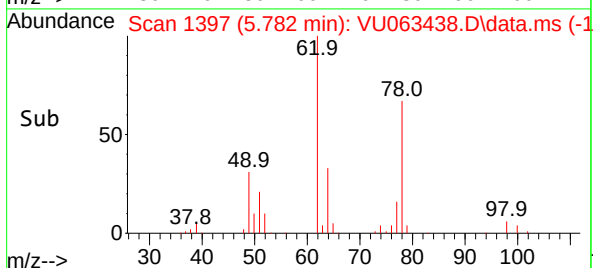
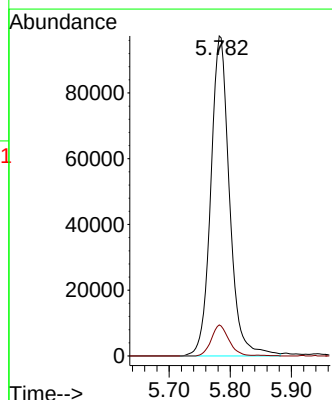
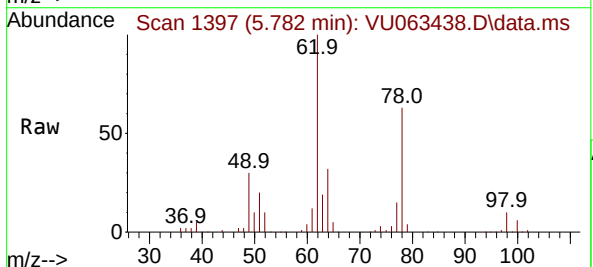
Manual Integrations
APPROVED

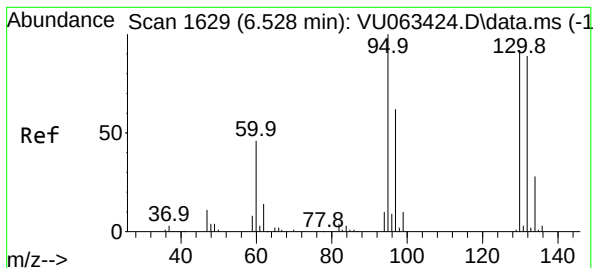
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#36
1,2-Dichloroethane
Concen: 10.199 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 62 Resp: 207242
Ion Ratio Lower Upper
62 100
98 9.1 7.1 10.7





#37

Trichloroethene

Concen: 10.505 ug/l

RT: 6.528 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:130 Resp: 17255

Ion Ratio Lower Upper

130 100

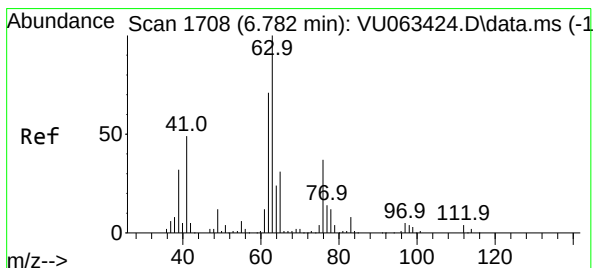
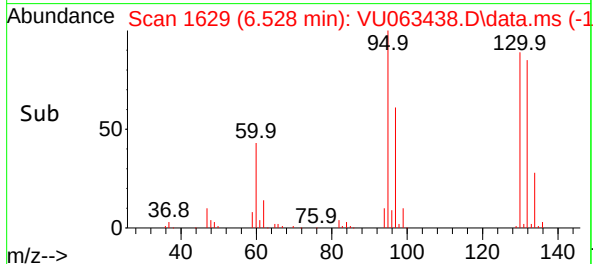
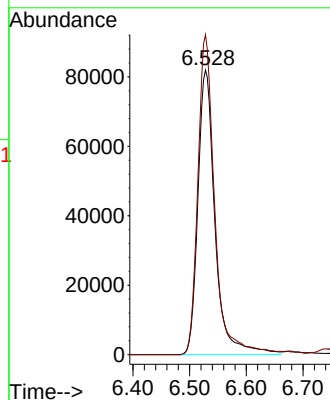
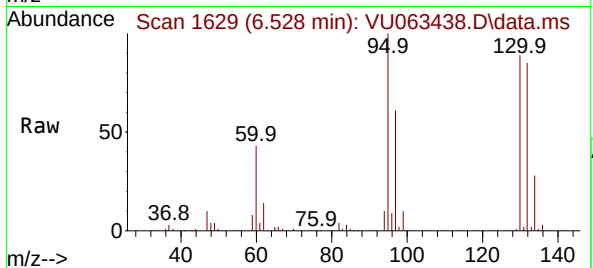
95 112.4 87.2 130.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#38

1,2-Dichloropropane

Concen: 11.111 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VU063438.D

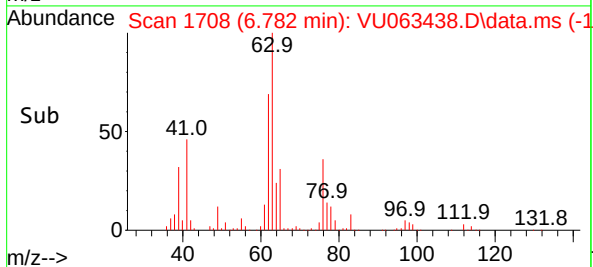
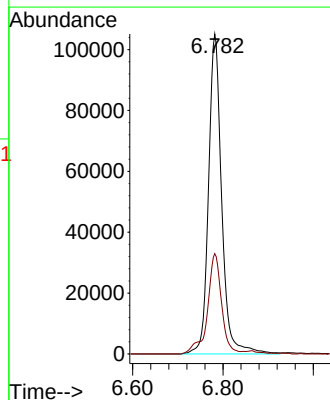
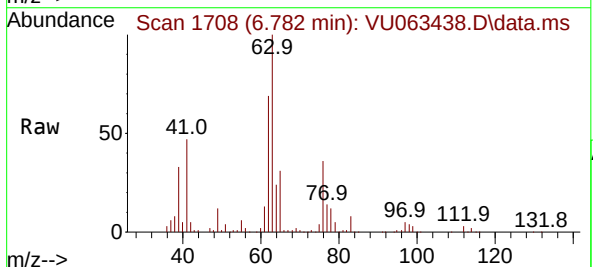
Acq: 24 Jun 2025 14:52

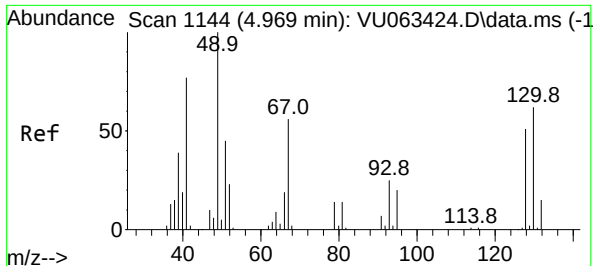
Tgt Ion: 63 Resp: 213308

Ion Ratio Lower Upper

63 100

65 31.4 25.0 37.6





#39

Methacrylonitrile

Concen: 9.323 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063438.D

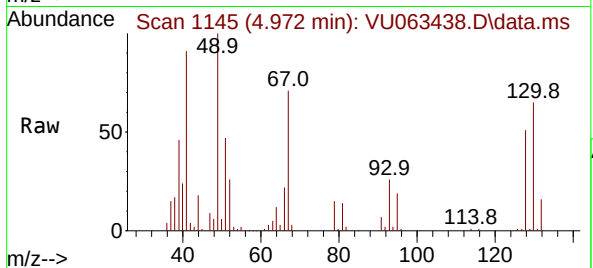
Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 41 Resp: 6336

Ion Ratio Lower Upper

41 100

67 80.4 59.8 89.8

39 51.1 40.7 61.1

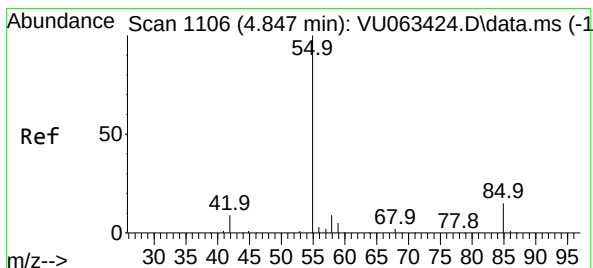
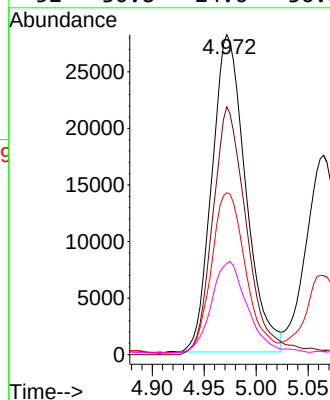
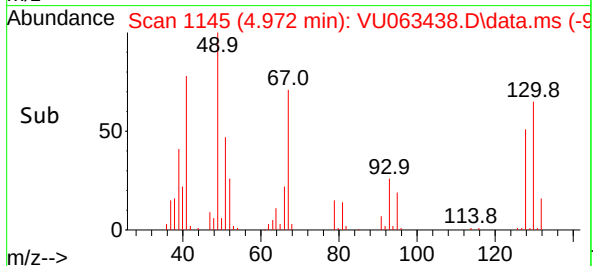
52 30.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#40

Methyl acrylate

Concen: 10.143 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Tgt Ion: 55 Resp: 96795

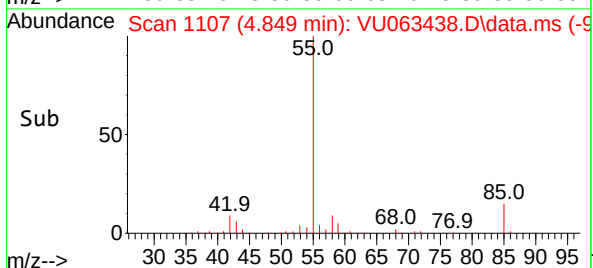
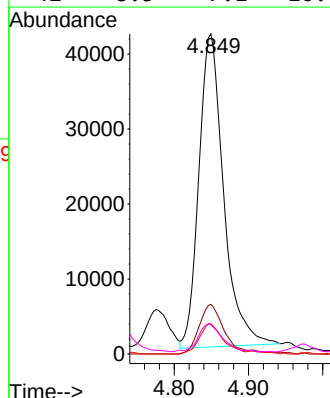
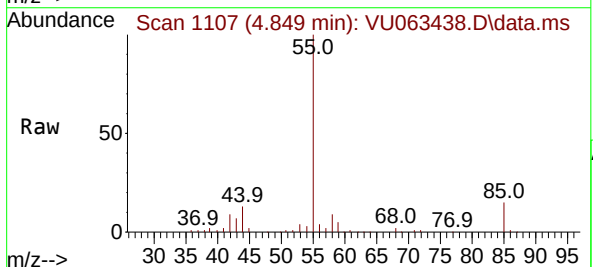
Ion Ratio Lower Upper

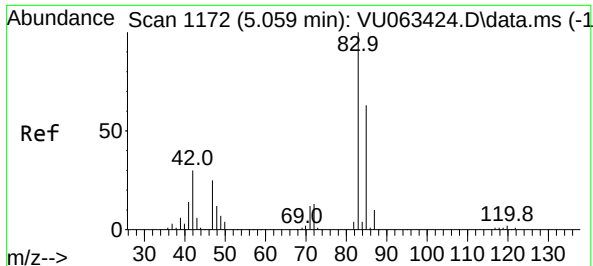
55 100

85 15.5 12.6 19.0

58 9.2 6.9 10.3

42 8.5 7.1 10.7





#41

Tetrahydrofuran

Concen: 18.203 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

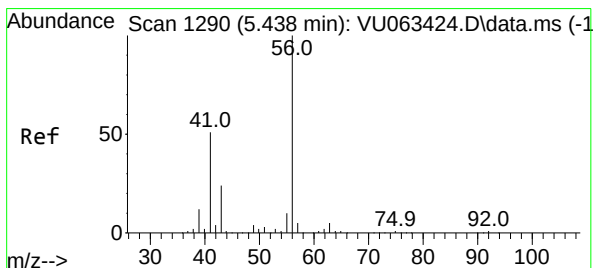
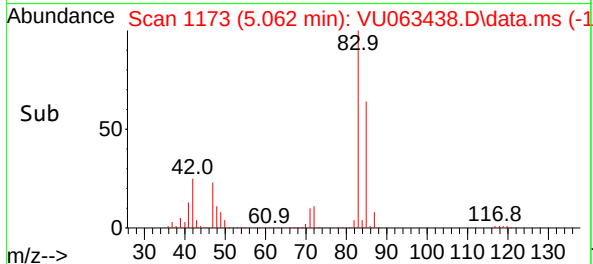
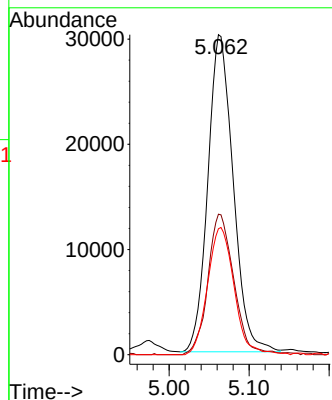
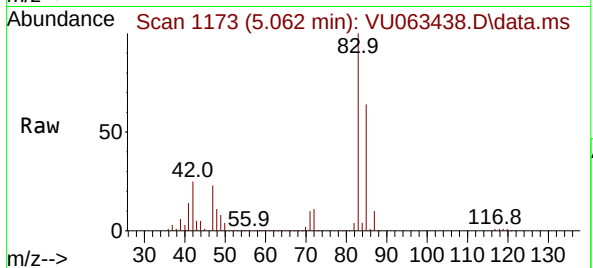
VSTDCCC010

Tgt Ion:	42	Resp:	6655
Ion Ratio	Lower	Upper	
42	100		
72	45.2	35.4	53.2
71	41.8	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: 10.400 ug/l

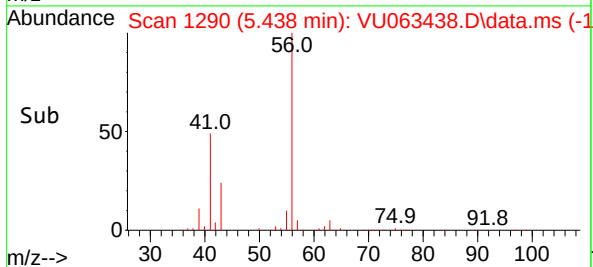
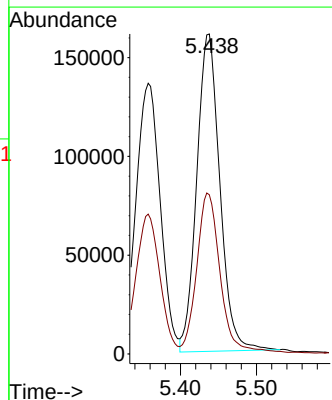
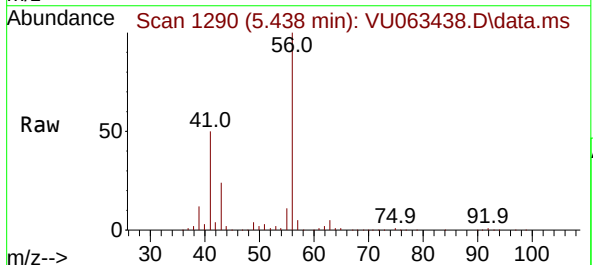
RT: 5.438 min Scan# 1290

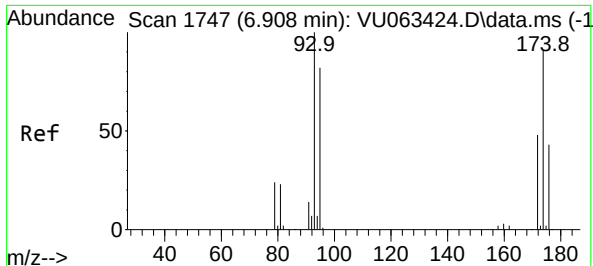
Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Tgt Ion:	56	Resp:	339005
Ion Ratio	Lower	Upper	
56	100		
41	50.8	26.4	79.0





#43

Dibromomethane

Concen: 10.483 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.001 min

Lab File: VU063438.D

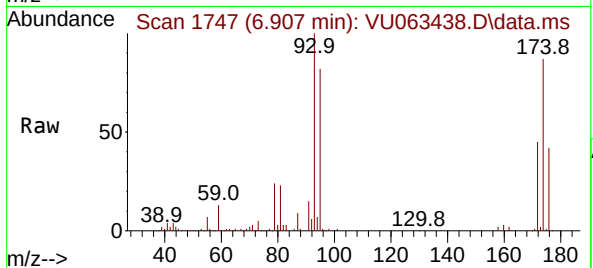
Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 93 Resp: 94000

Ion Ratio Lower Upper

93 100

95 82.3 66.7 100.1

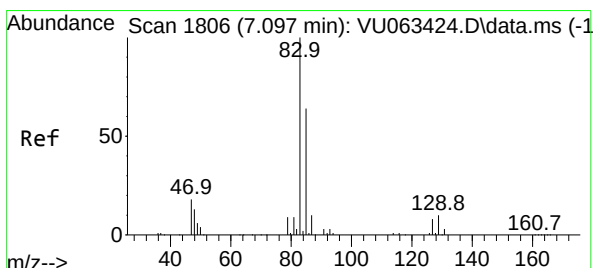
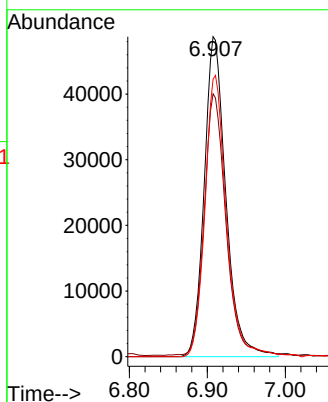
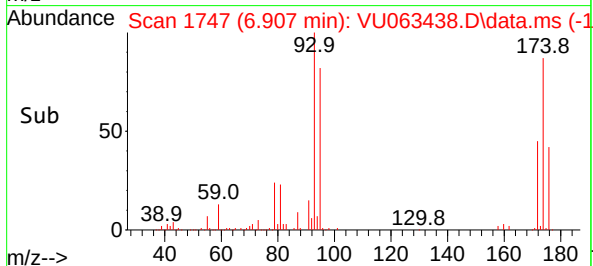
174 87.1 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#44

Bromodichloromethane

Concen: 10.492 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

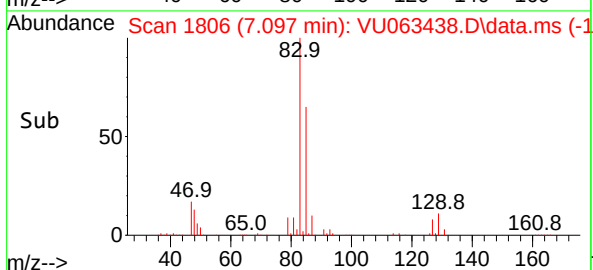
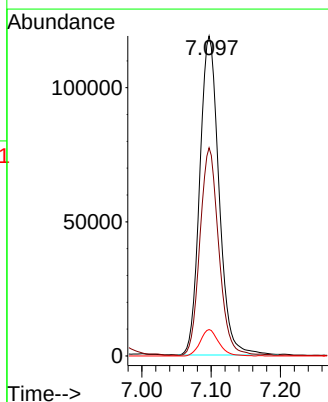
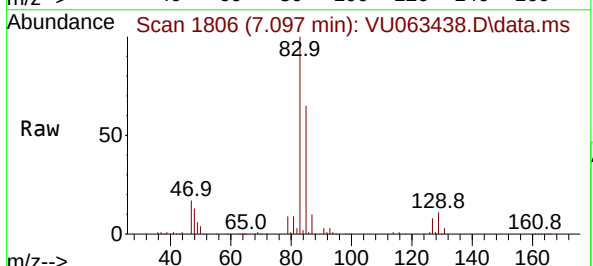
Tgt Ion: 83 Resp: 229202

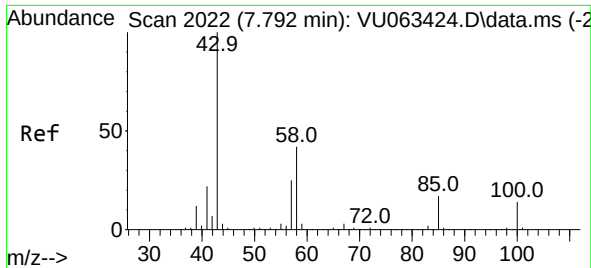
Ion Ratio Lower Upper

83 100

85 65.1 51.4 77.2

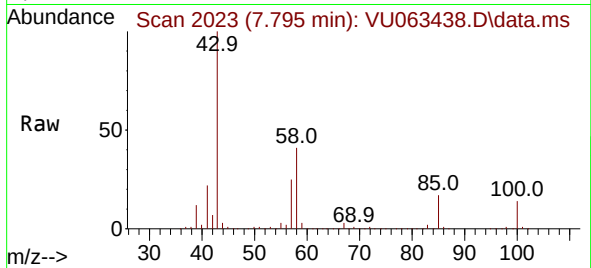
127 8.3 6.6 10.0





#45
4-Methyl-2-Pentanone
Concen: 56.422 ug/l
RT: 7.795 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

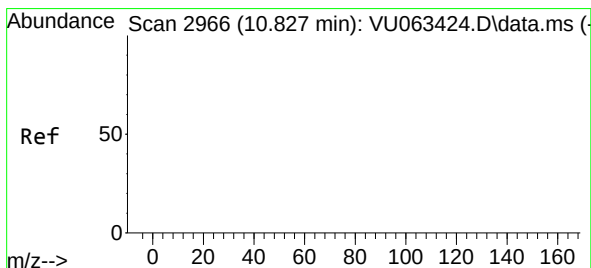
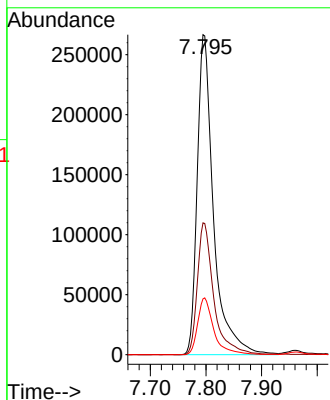
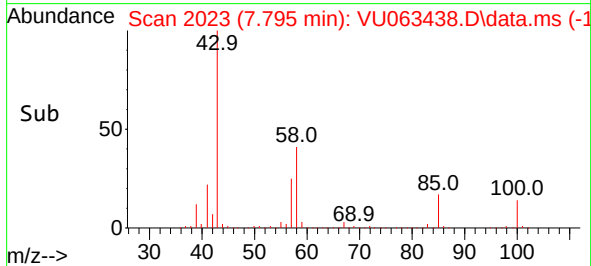
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 54315
Ion Ratio Lower Upper
43 100
58 41.4 20.5 61.6
85 17.6 14.2 21.2

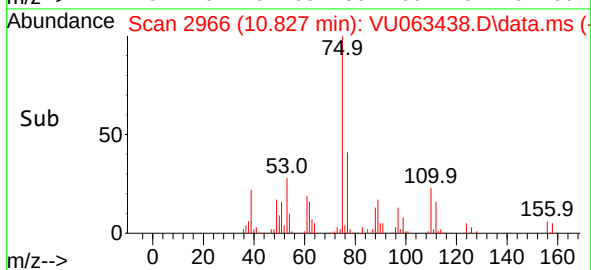
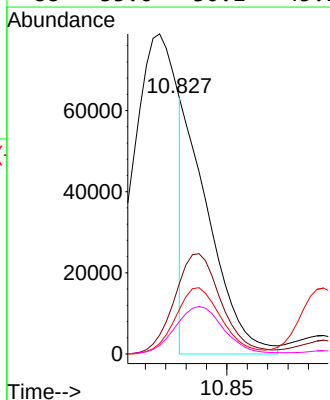
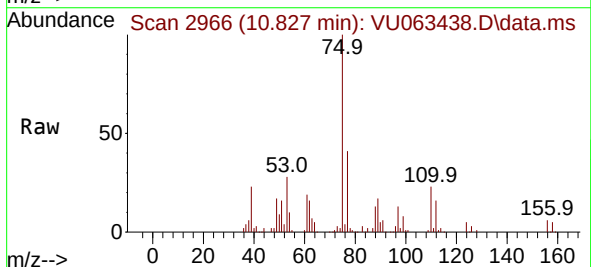
Manual Integrations
APPROVED

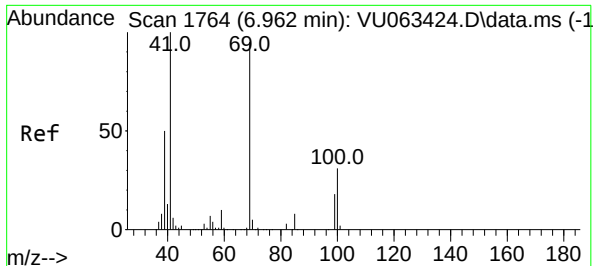
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#46
t-1,4-Dichloro-2-butene
Concen: 18.332 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion: 75 Resp: 58009
Ion Ratio Lower Upper
75 100
53 68.3 61.4 92.2
89 44.3 39.2 58.8
88 33.6 30.1 45.1





#47

Methyl methacrylate

Concen: 20.044 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 171208

Ion Ratio Lower Upper

69 100

41 106.3 0.0 212.6

39 52.7 40.6 61.0

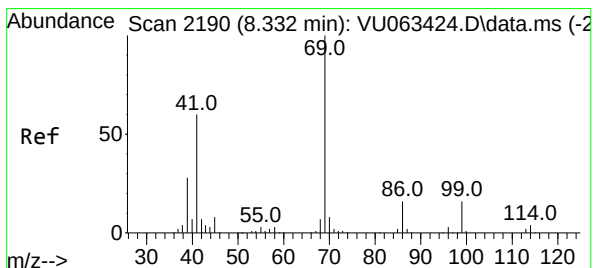
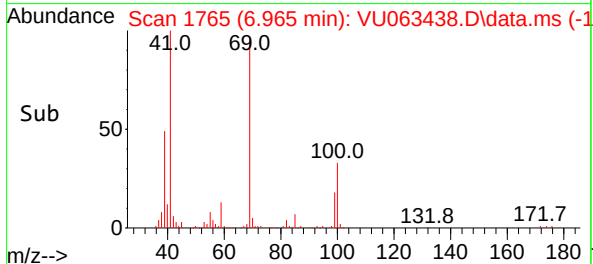
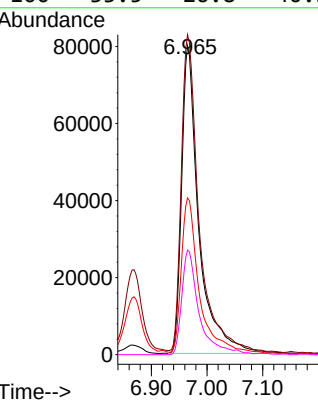
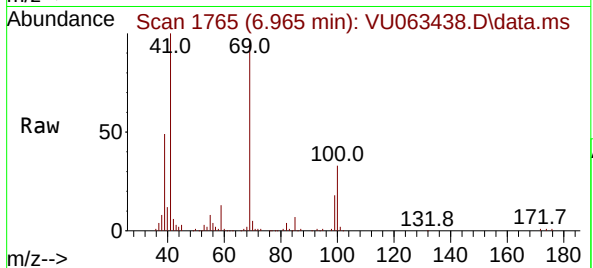
100 33.5 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#48

Ethyl methacrylate

Concen: 10.220 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VU063438.D

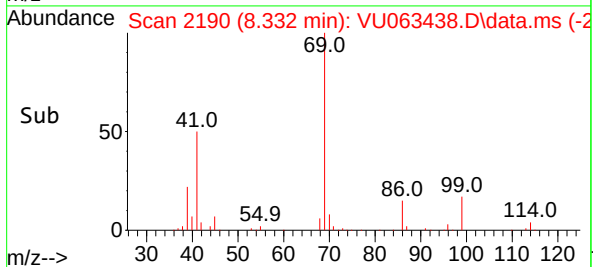
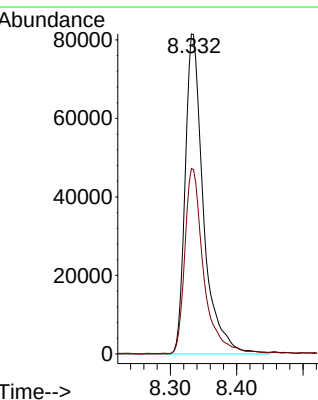
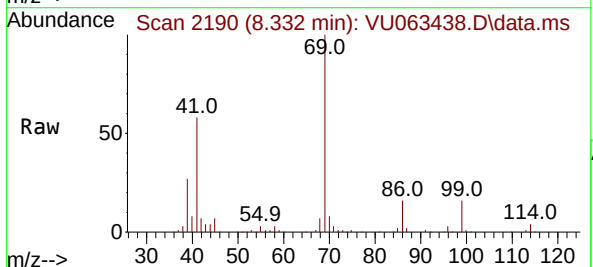
Acq: 24 Jun 2025 14:52

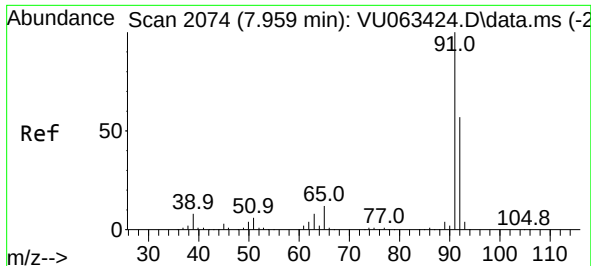
Tgt Ion: 69 Resp: 155721

Ion Ratio Lower Upper

69 100

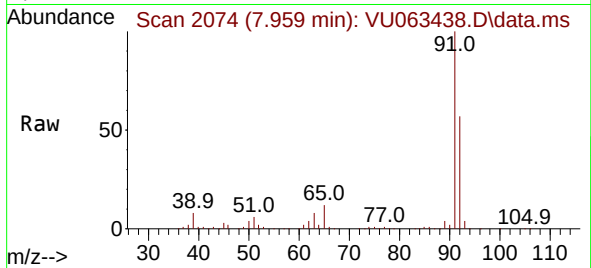
41 58.8 30.6 92.0





#49
Toluene
Concen: 11.839 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

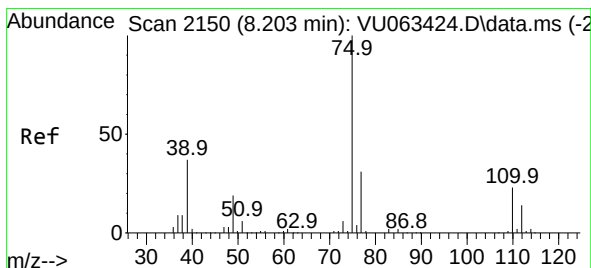
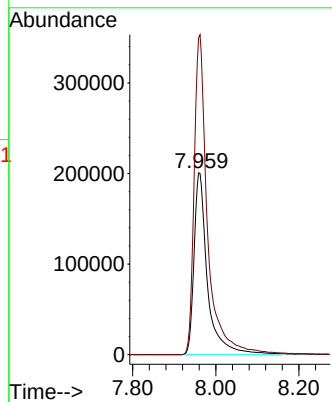
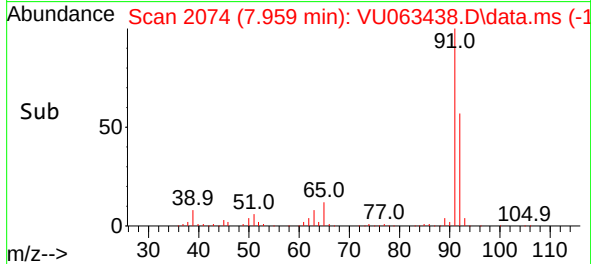
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



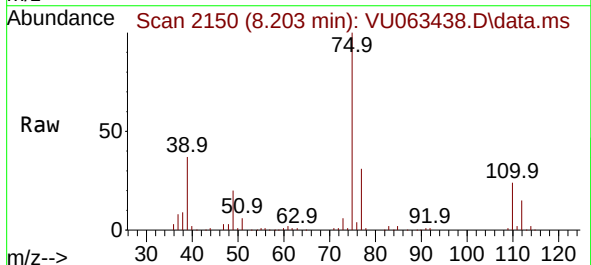
Tgt Ion: 92 Resp: 45176
Ion Ratio Lower Upper
92 100
91 176.1 142.0 213.0

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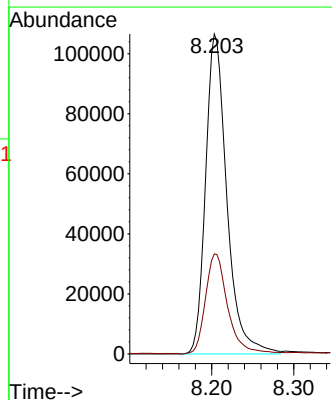
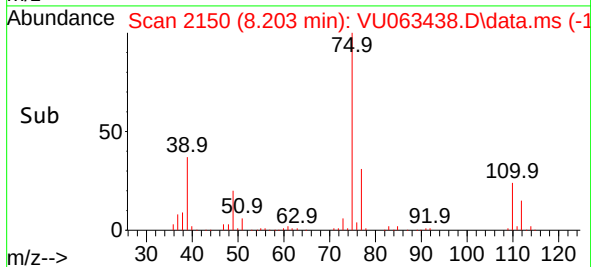
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

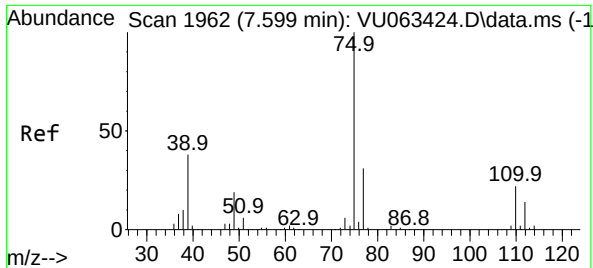


#50
t-1,3-Dichloropropene
Concen: 12.164 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



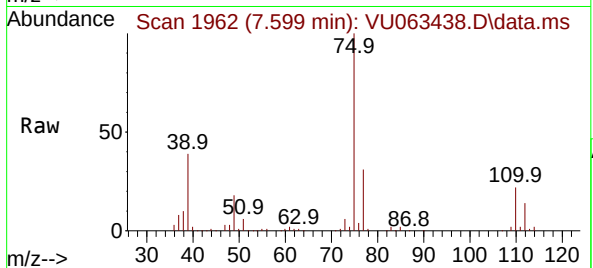
Tgt Ion: 75 Resp: 191619
Ion Ratio Lower Upper
75 100
77 31.3 24.5 36.7





#51
 cis-1,3-Dichloropropene
 Concen: 11.735 ug/l
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

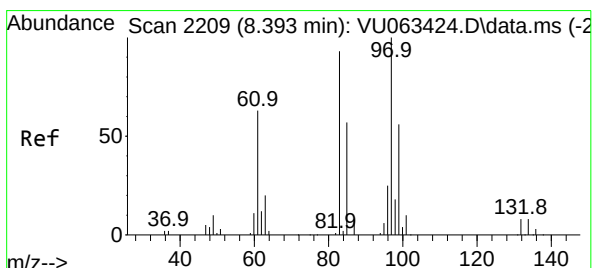
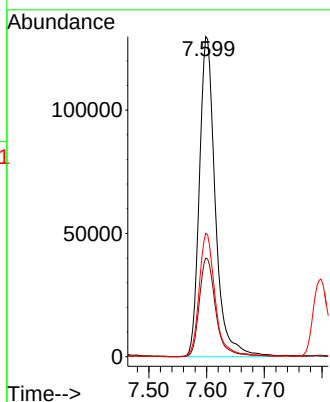
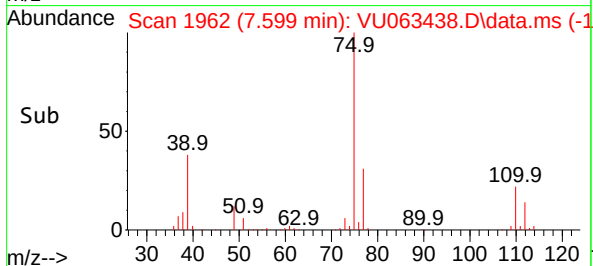
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 248290
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.8 37.2
 39 38.5 30.7 46.1

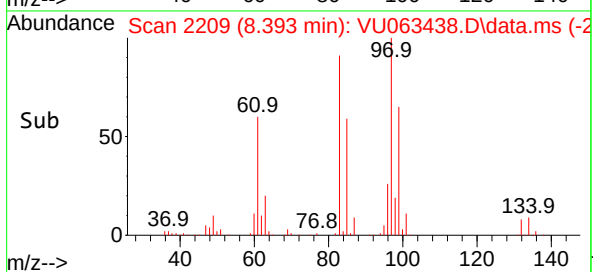
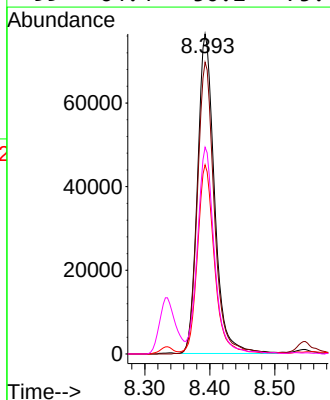
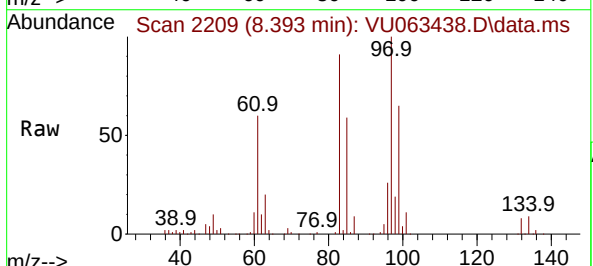
Manual Integrations
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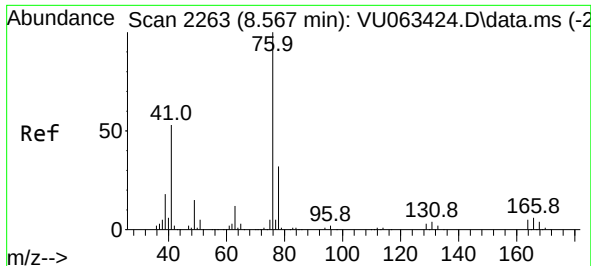
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#52
 1,1,2-Trichloroethane
 Concen: 10.633 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

Tgt Ion: 97 Resp: 139398
 Ion Ratio Lower Upper
 97 100
 83 91.1 74.1 111.1
 85 58.8 45.8 68.8
 99 64.4 50.2 75.4





#53

1,3-Dichloropropane

Concen: 10.921 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 246330

Ion Ratio Lower Upper

76 100

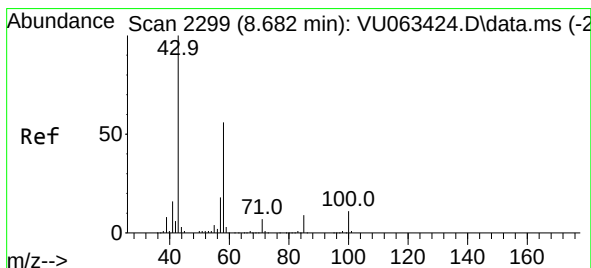
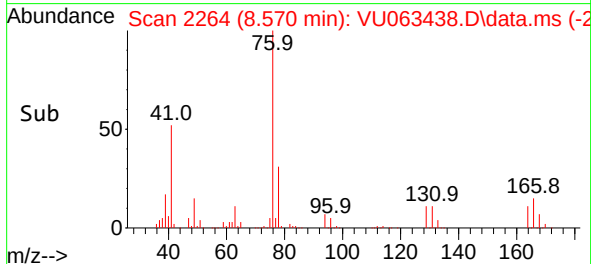
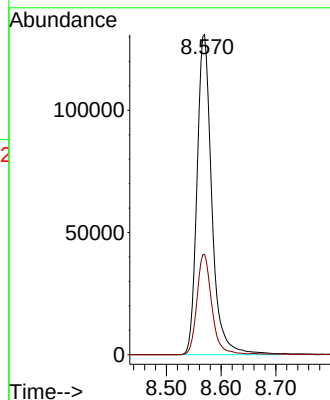
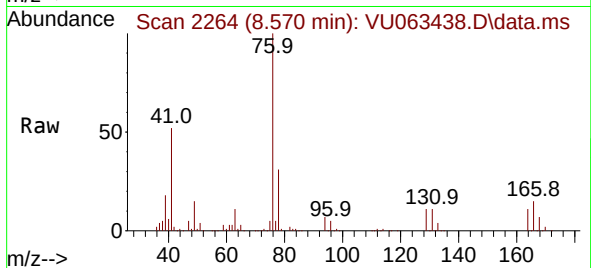
78 31.4 25.7 38.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#54

2-Hexanone

Concen: 54.489 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

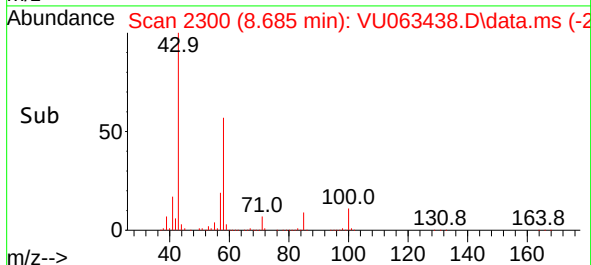
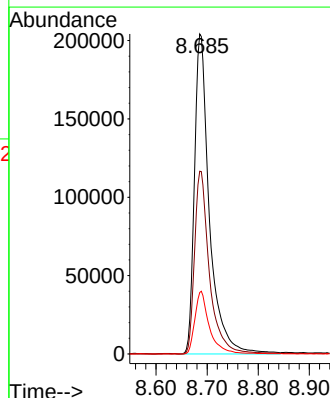
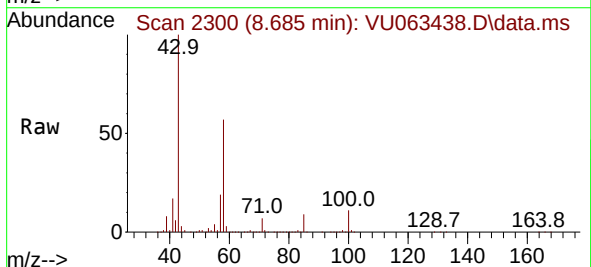
Tgt Ion: 43 Resp: 415835

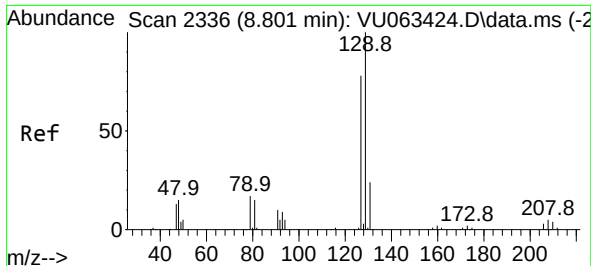
Ion Ratio Lower Upper

43 100

58 56.7 36.9 76.9

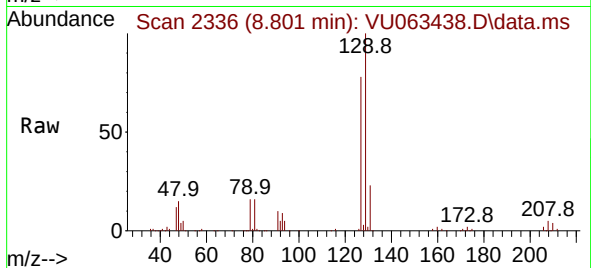
57 19.0 0.0 38.8





#55
Dibromochloromethane
Concen: 10.914 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

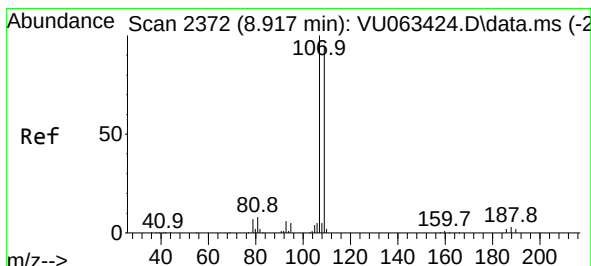
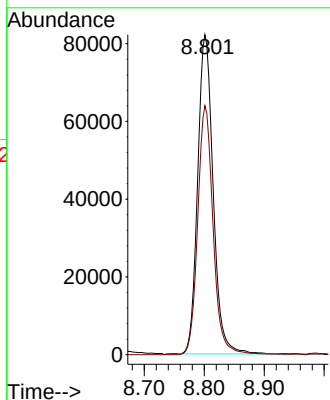
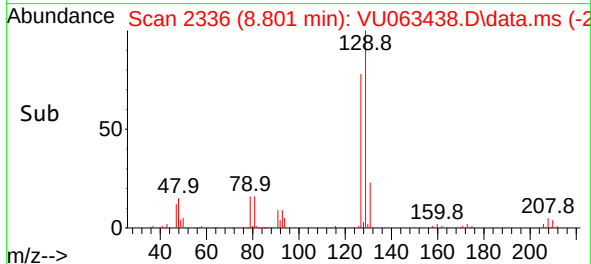
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



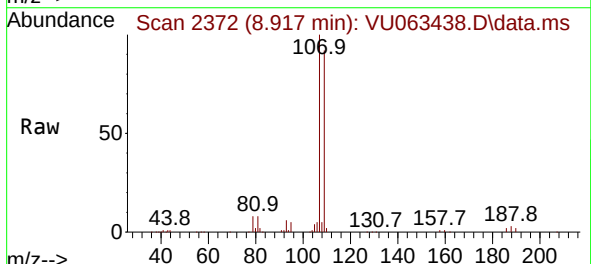
Tgt Ion:129 Resp: 14761
Ion Ratio Lower Upper
129 100
127 77.7 62.6 93.8

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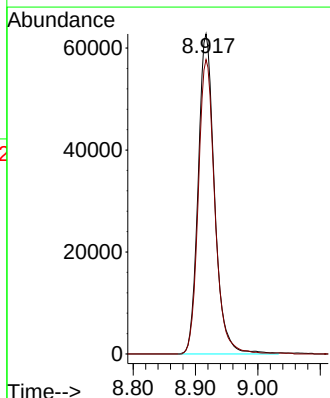
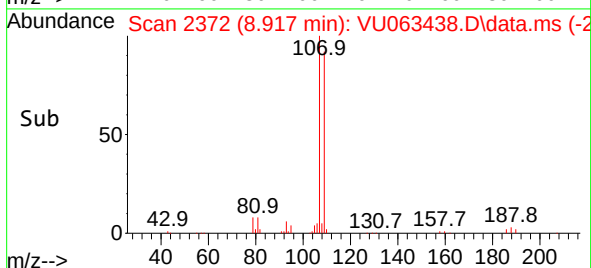
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

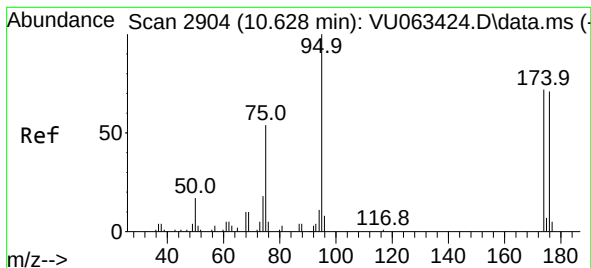


#56
1,2-Dibromoethane
Concen: 10.775 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



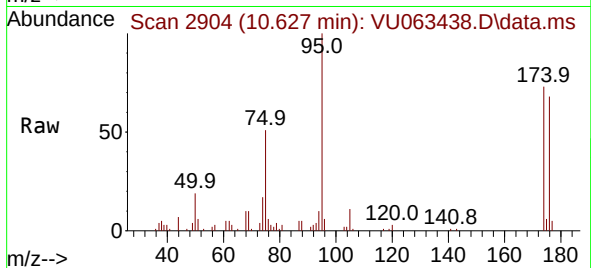
Tgt Ion:107 Resp: 114510
Ion Ratio Lower Upper
107 100
109 93.2 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 1.132 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

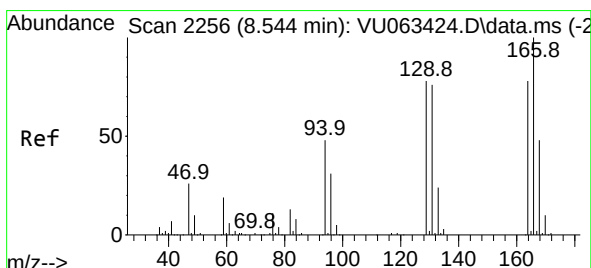
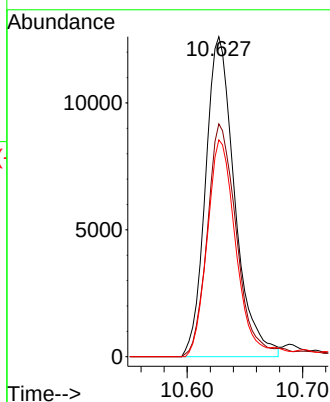
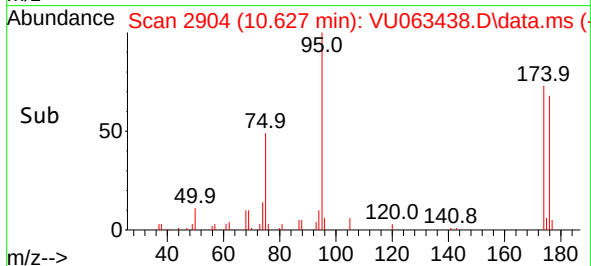
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010



Tgt Ion: 95 Resp: 2216
Ion Ratio Lower Upper
95 100
174 73.6 59.4 89.2
176 67.2 57.8 86.6

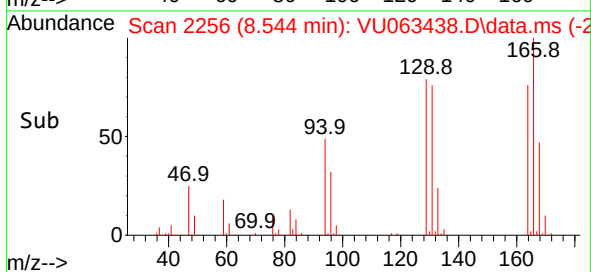
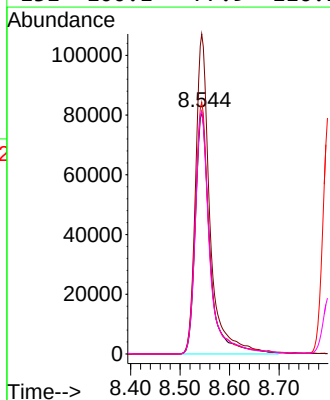
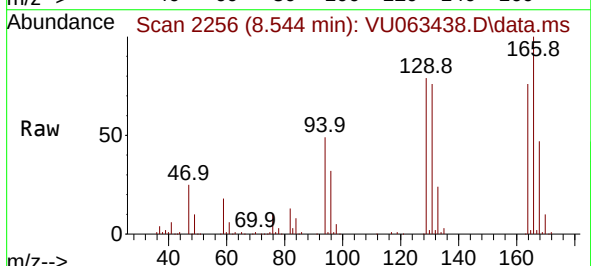
Manual Integrations
APPROVED

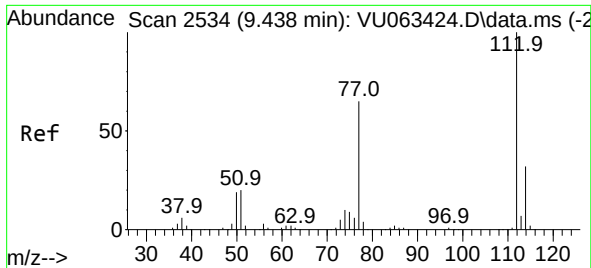
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#58
Tetrachloroethene
Concen: 10.348 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion:164 Resp: 166740
Ion Ratio Lower Upper
164 100
166 132.2 102.8 154.2
129 104.1 80.2 120.2
131 100.1 77.9 116.9





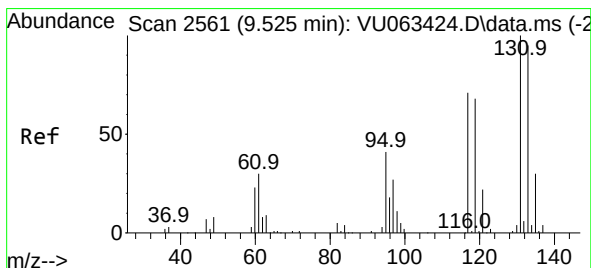
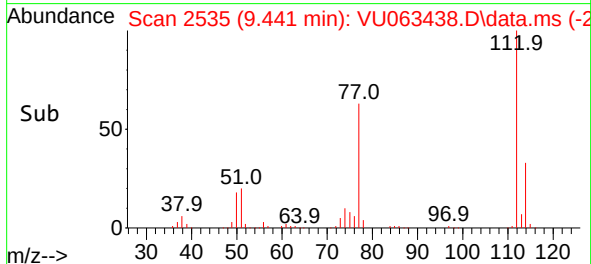
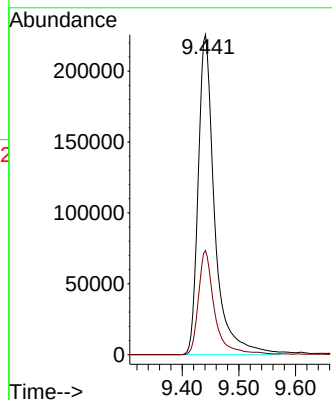
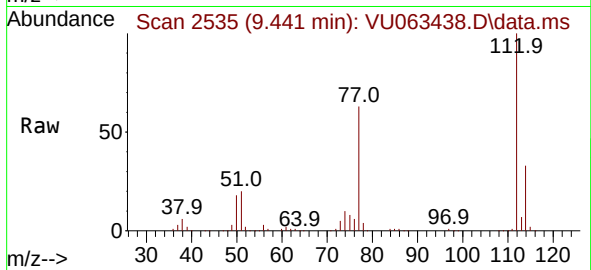
#59
Chlorobenzene
Concen: 11.170 ug/l
RT: 9.441 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 456348
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

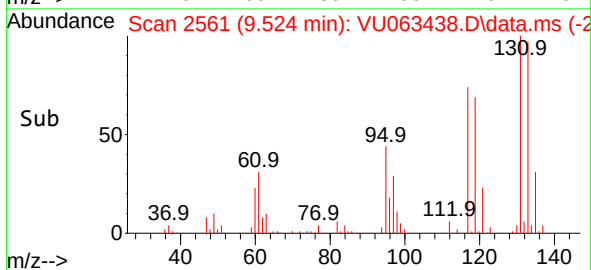
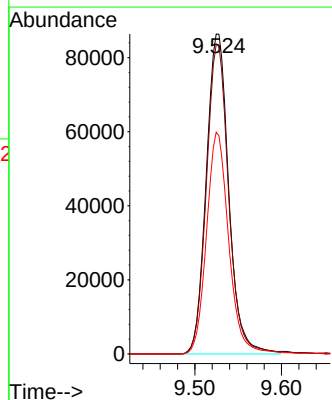
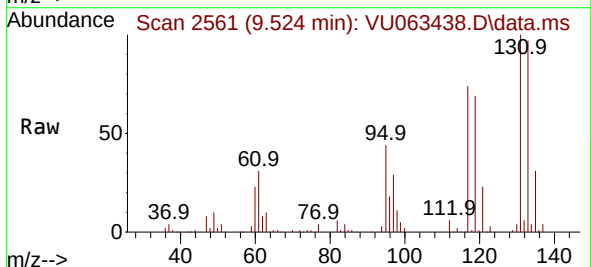
Manual Integrations
APPROVED

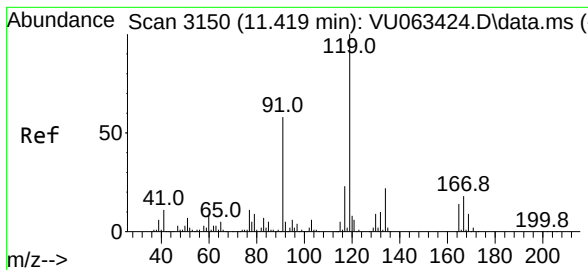
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 10.600 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion:131 Resp: 155870
Ion Ratio Lower Upper
131 100
133 96.2 76.1 114.1
119 68.5 53.7 80.5





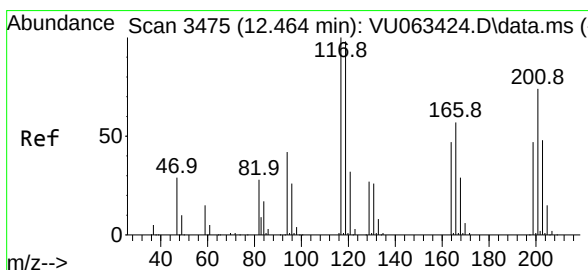
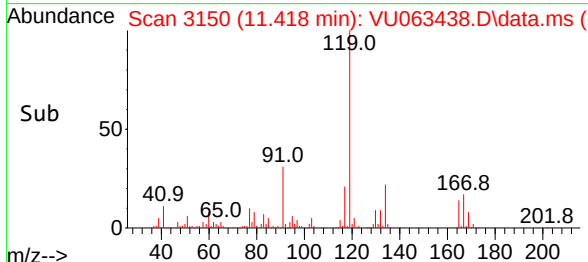
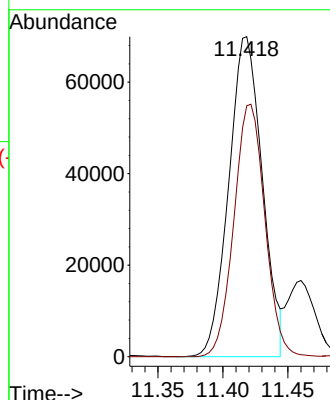
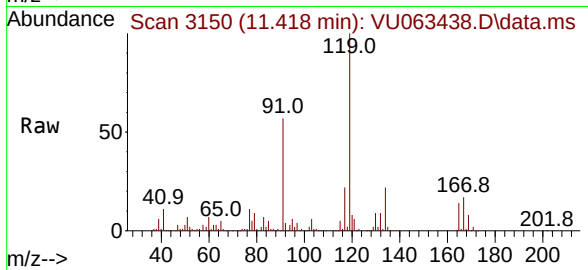
#61
Pentachloroethane
Concen: 10.480 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 125558
Ion Ratio Lower Upper
117 100
167 73.0 58.1 87.1

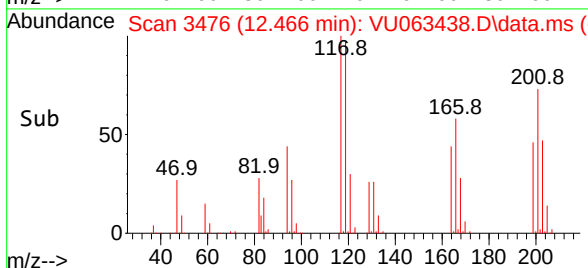
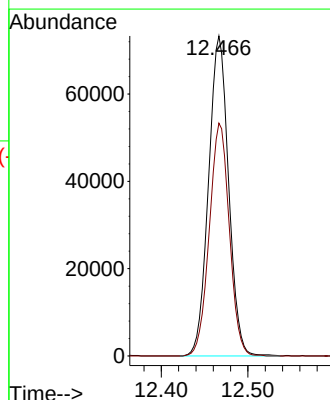
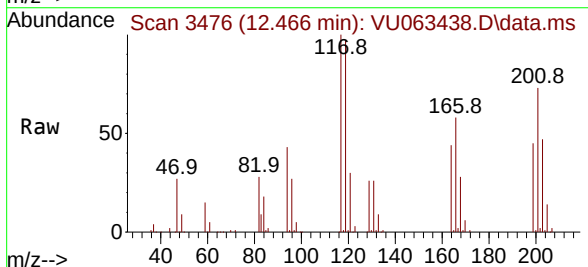
Manual Integrations
APPROVED

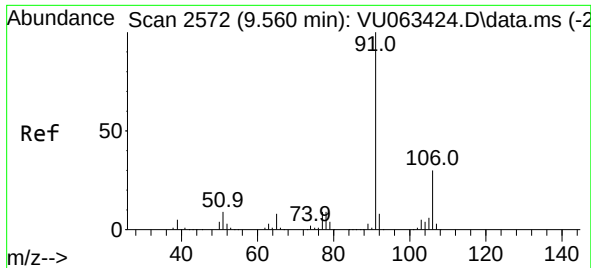
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#62
Hexachloroethane
Concen: 10.940 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion:117 Resp: 117870
Ion Ratio Lower Upper
117 100
201 72.6 60.4 90.6





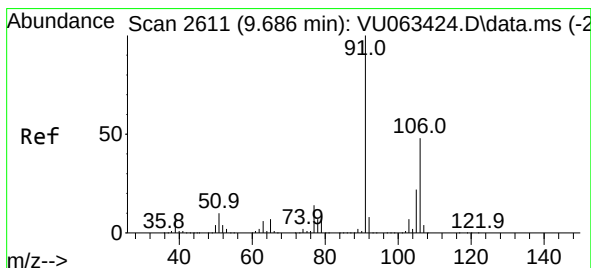
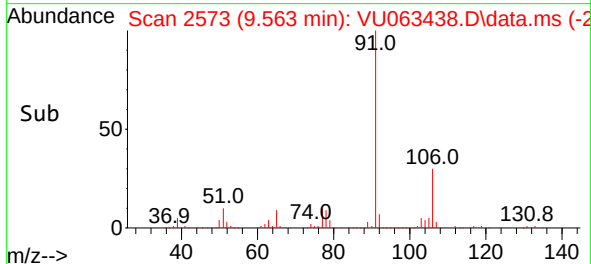
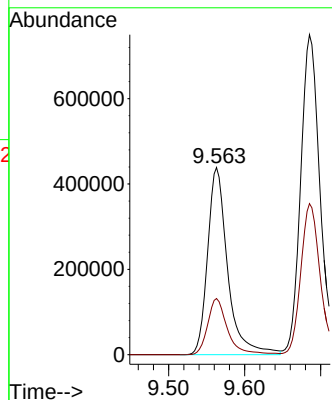
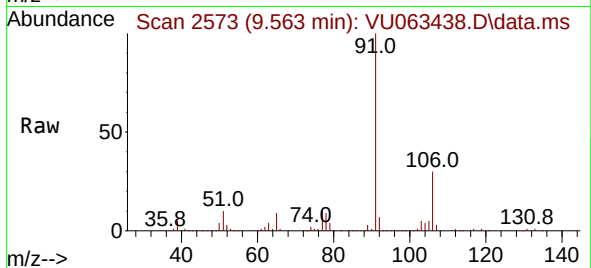
#63
Ethyl Benzene
Concen: 12.274 ug/l
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 80388
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.2

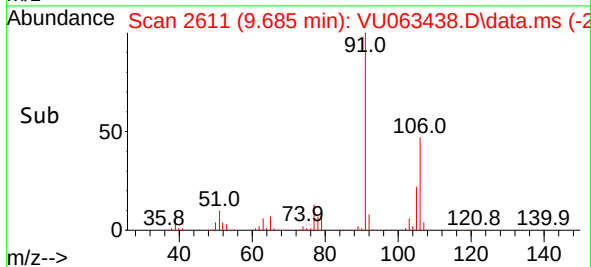
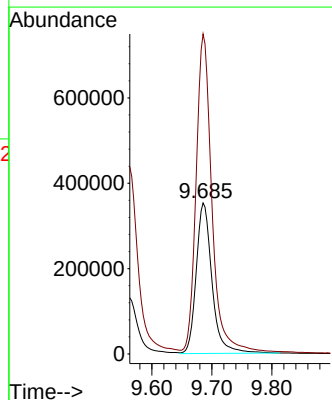
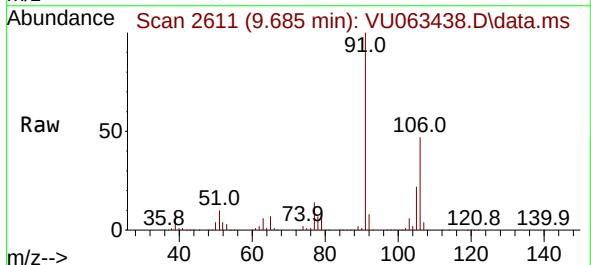
Manual Integrations
APPROVED

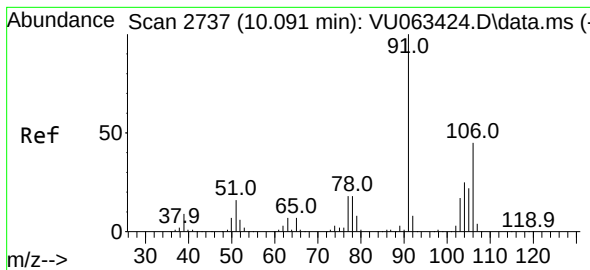
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#64
m/p-Xylenes
Concen: 20.861 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Tgt Ion:106 Resp: 646995
Ion Ratio Lower Upper
106 100
91 219.4 169.9 254.9





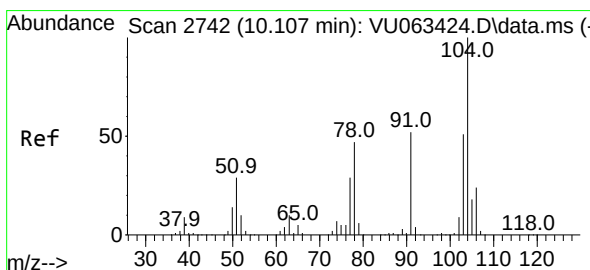
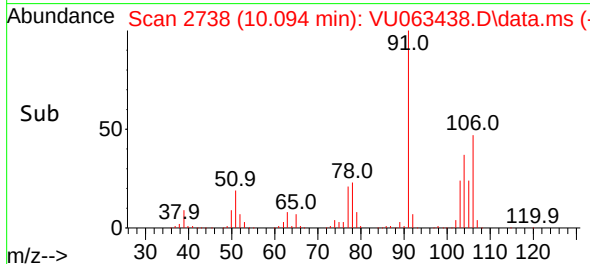
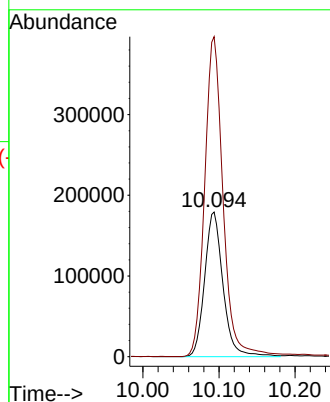
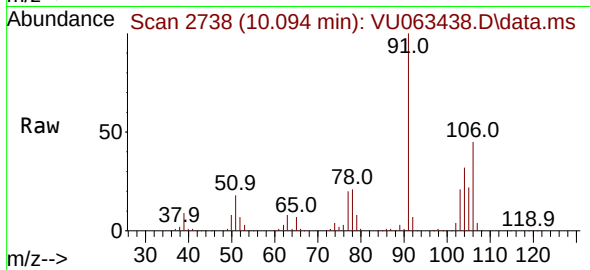
#65
o-Xylene
Concen: 12.116 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 30146
Ion Ratio Lower Upper
106 100
91 222.0 110.8 332.3

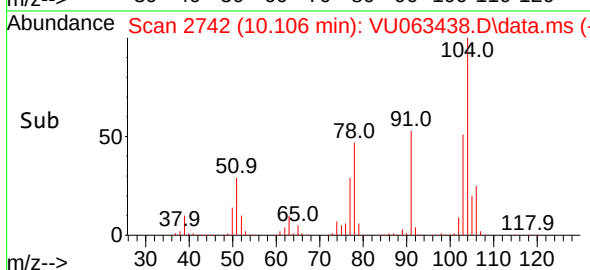
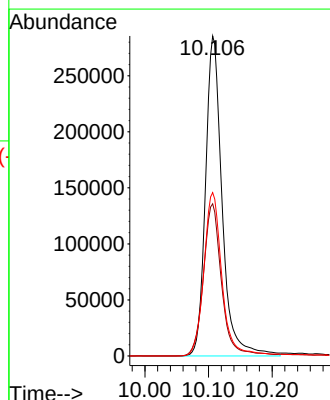
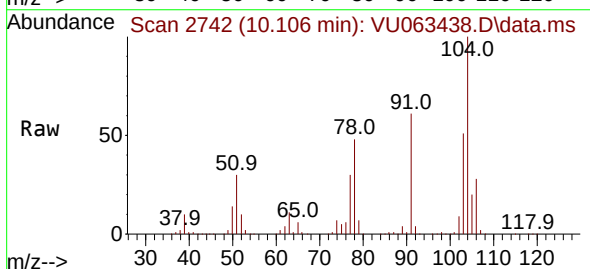
Manual Integrations
APPROVED

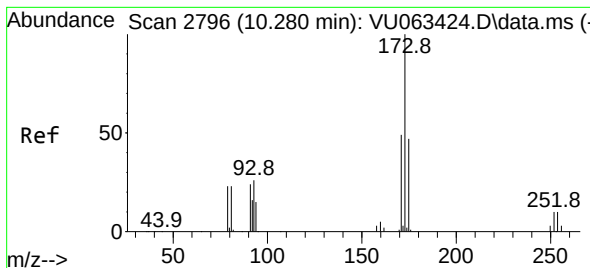
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#66
Styrene
Concen: 10.429 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

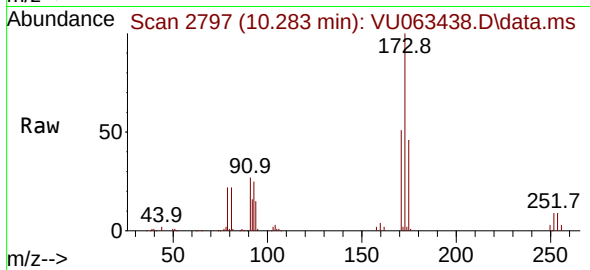
Tgt Ion:104 Resp: 519653
Ion Ratio Lower Upper
104 100
78 51.7 41.6 62.4
103 55.3 44.6 67.0





#67
Bromoform
Concen: 10.577 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

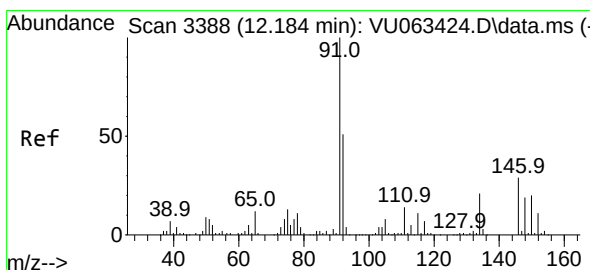
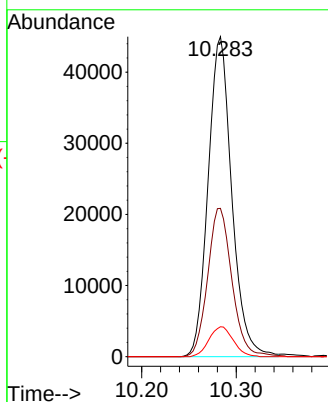
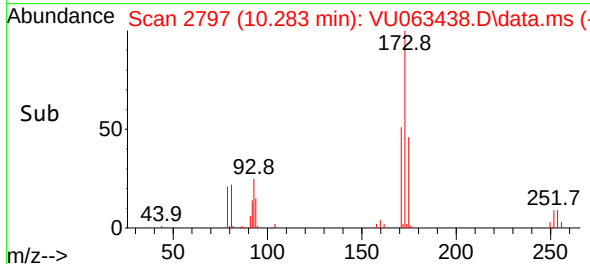
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



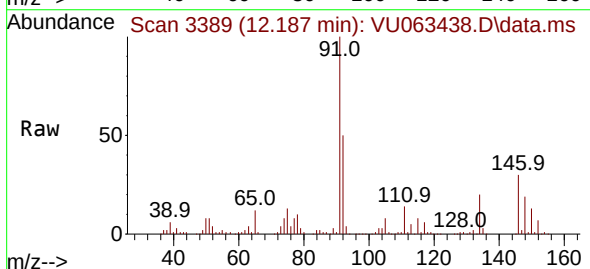
Tgt Ion:173 Resp: 7817
Ion Ratio Lower Upper
173 100
175 47.6 38.2 57.2
254 9.6 7.6 11.4

Manual Integrations
APPROVED

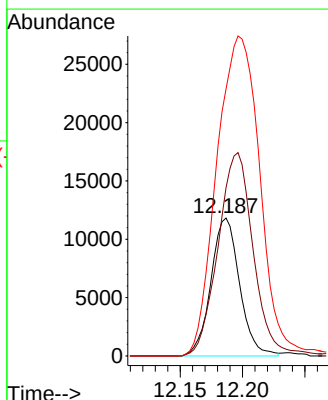
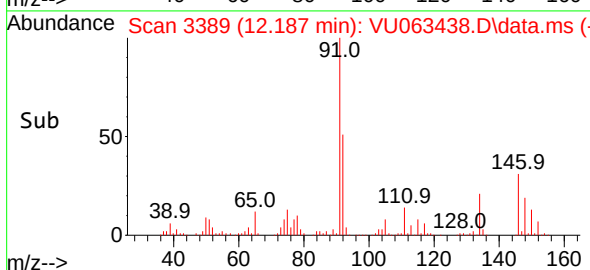
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

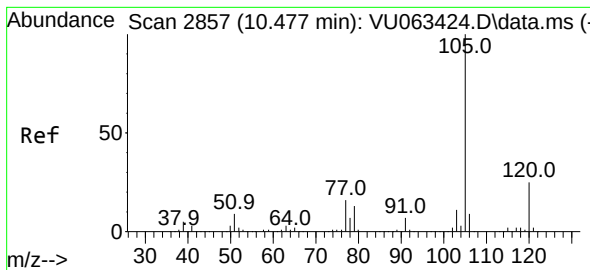


#68
1,2-Dichlorobenzene-d4
Concen: 0.962 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



Tgt Ion:152 Resp: 18922
Ion Ratio Lower Upper
152 100
115 181.5 0.0 327.6
150 350.6 0.0 664.4





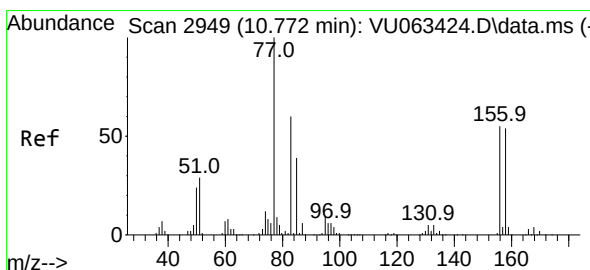
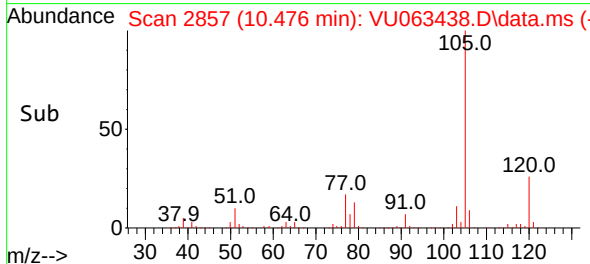
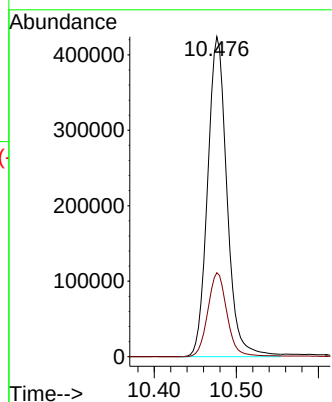
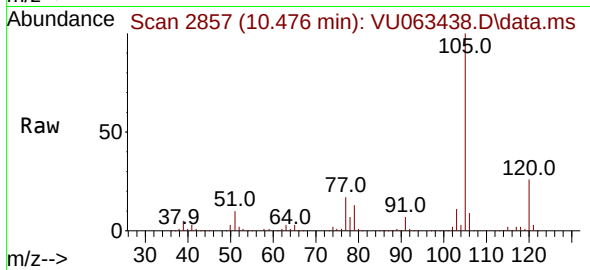
#69
Isopropylbenzene
Concen: 12.108 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 69792
Ion Ratio Lower Upper
105 100
120 25.9 12.7 38.1

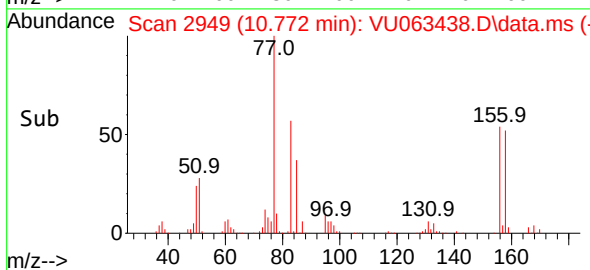
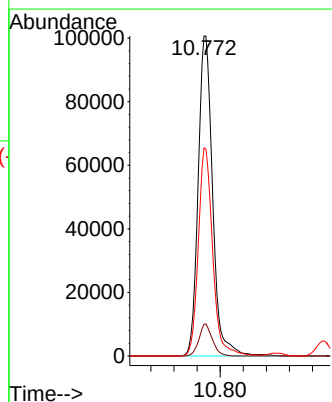
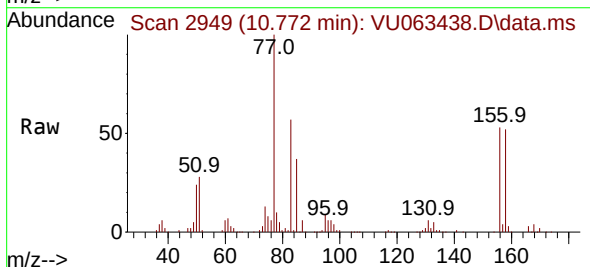
Manual Integrations
APPROVED

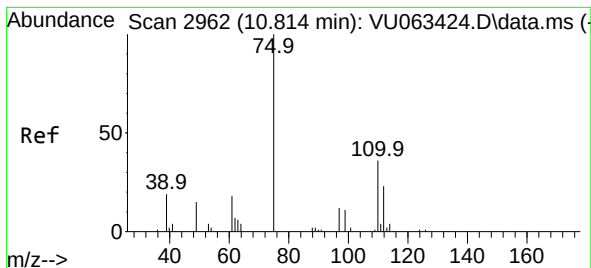
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 10.446 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

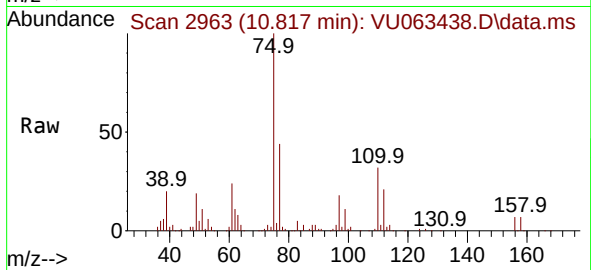
Tgt Ion: 83 Resp: 175170
Ion Ratio Lower Upper
83 100
131 9.2 7.4 11.0
85 64.5 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 9.708 ug/l m
RT: 10.817 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

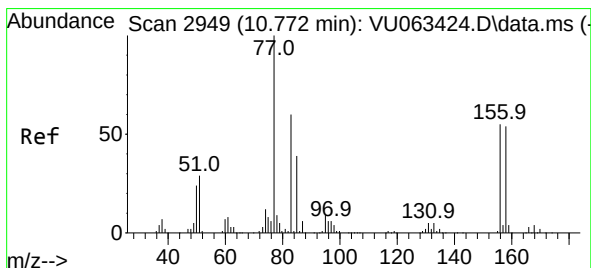
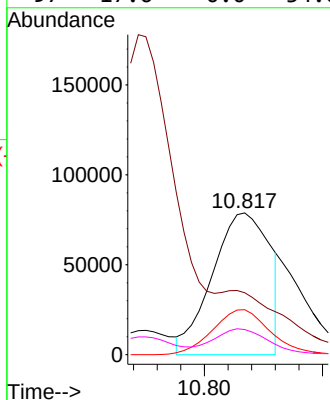
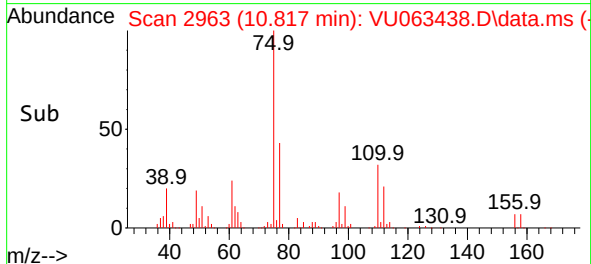
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



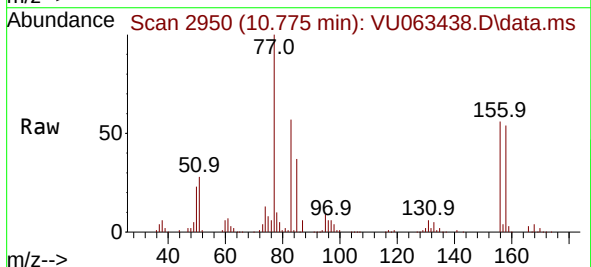
Tgt Ion: 75 Resp: 132950
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 32.1 0.0 63.4
97 17.6 0.0 34.0

Manual Integrations
APPROVED

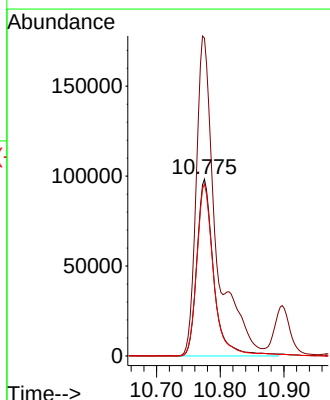
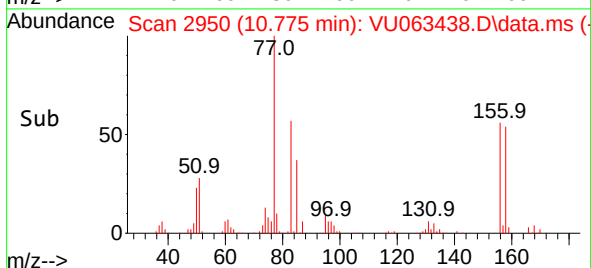
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

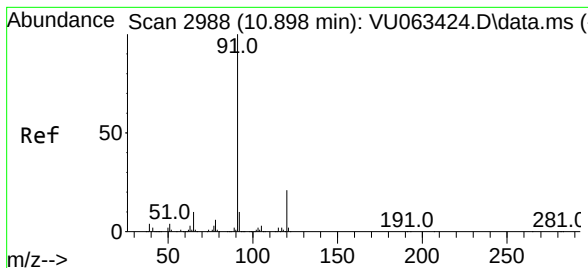


#72
Bromobenzene
Concen: 11.151 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



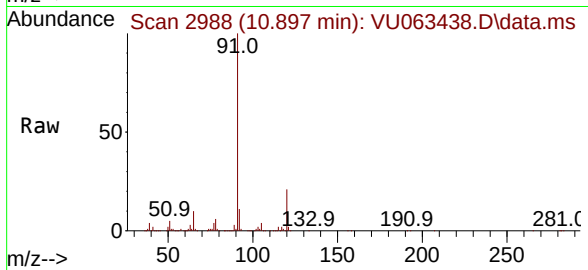
Tgt Ion:156 Resp: 180433
Ion Ratio Lower Upper
156 100
77 174.7 0.0 416.2
158 96.1 0.0 190.6





#73
n-propylbenzene
Concen: 10.268 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

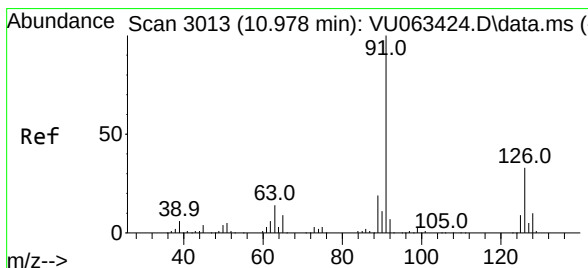
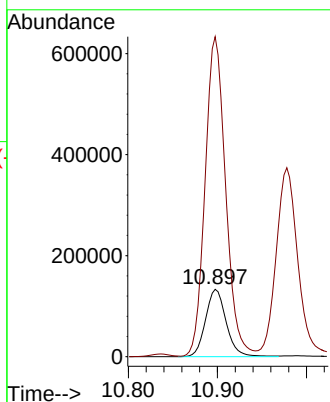
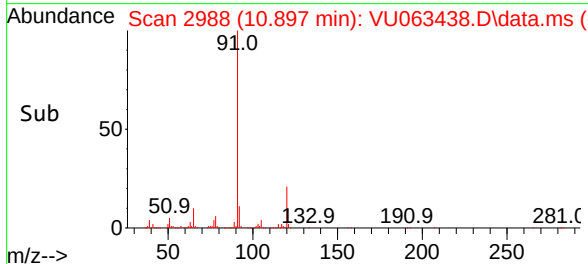
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



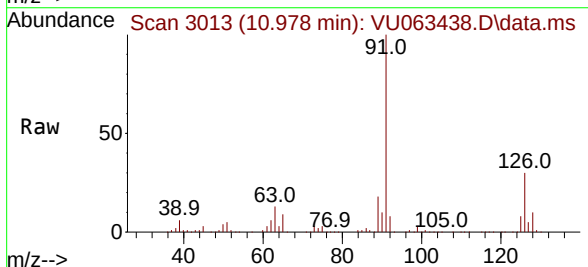
Tgt Ion:120 Resp: 214822
Ion Ratio Lower Upper
120 100
91 469.8 373.7 560.5

Manual Integrations
APPROVED

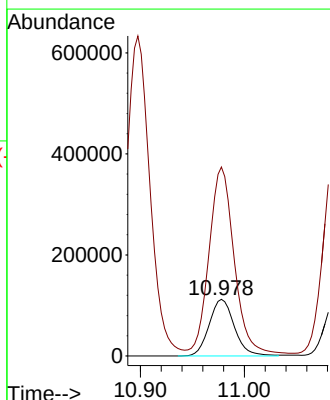
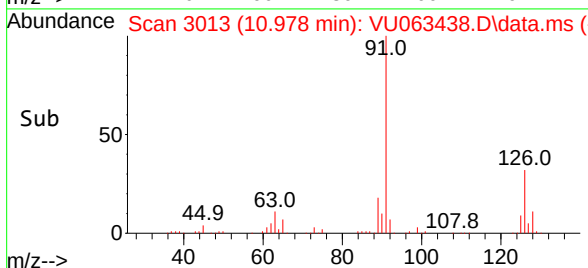
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

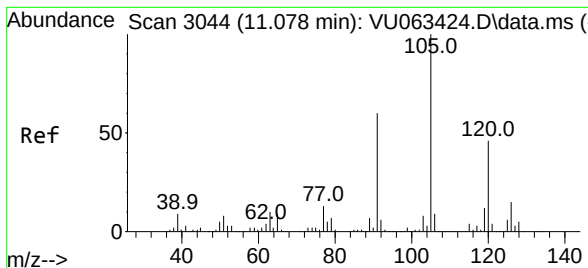


#74
2-Chlorotoluene
Concen: 11.816 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



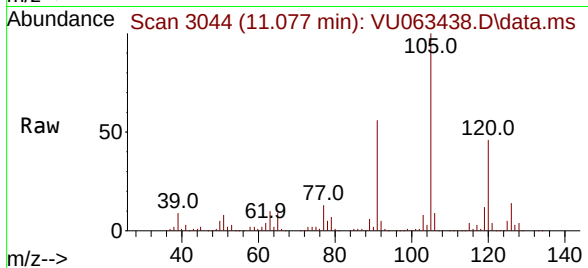
Tgt Ion:126 Resp: 188995
Ion Ratio Lower Upper
126 100
91 337.1 0.0 650.8





#75
1,3,5-Trimethylbenzene
Concen: 10.489 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

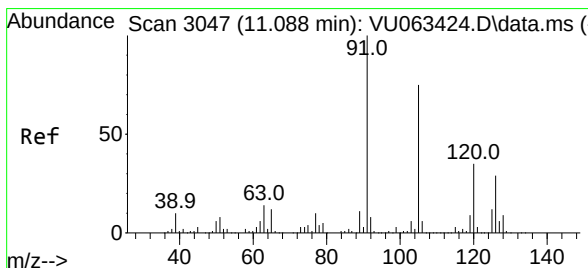
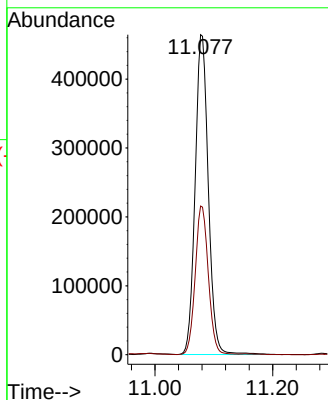
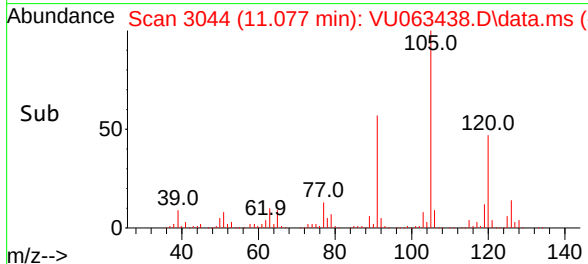
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



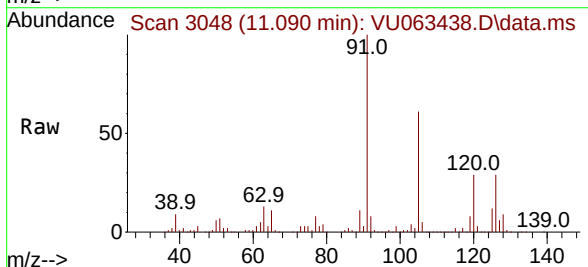
Tgt Ion:105 Resp: 72108
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.4

Manual Integrations
APPROVED

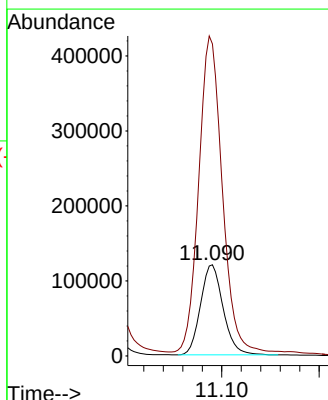
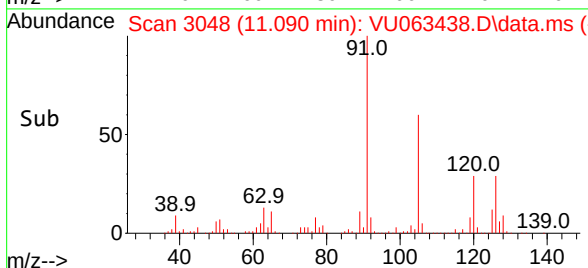
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

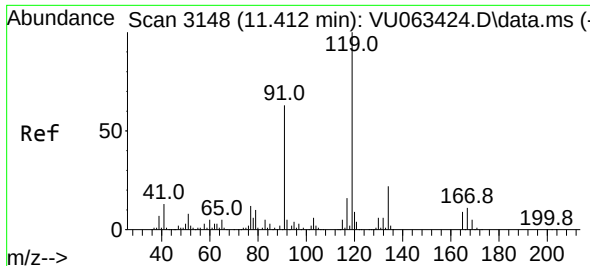


#76
4-Chlorotoluene
Concen: 11.546 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.002 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



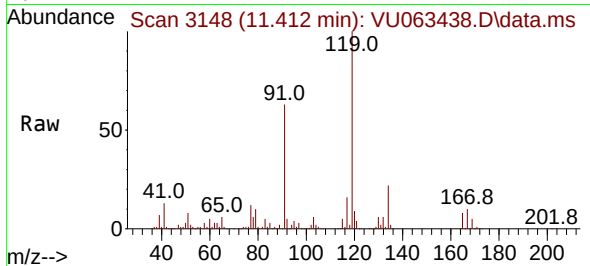
Tgt Ion:126 Resp: 193438
Ion Ratio Lower Upper
126 100
91 383.3 0.0 713.2





#77
tert-Butylbenzene
Concen: 11.982 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

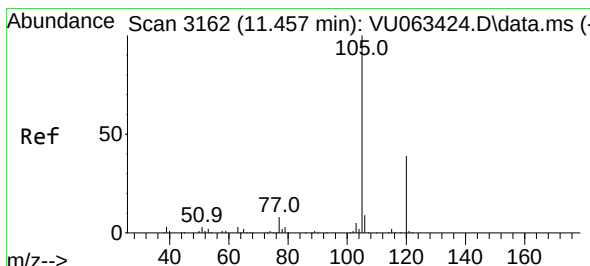
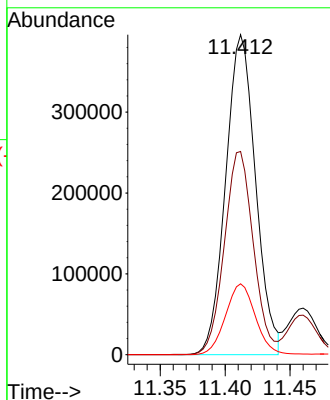
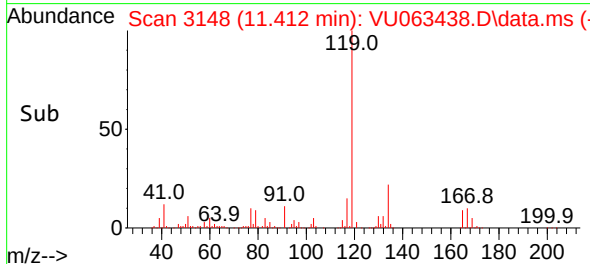
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



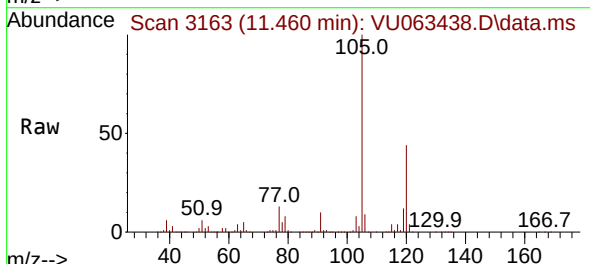
Tgt Ion:119 Resp: 63458
Ion Ratio Lower Upper
119 100
91 61.8 30.9 92.7
134 22.2 17.9 26.9

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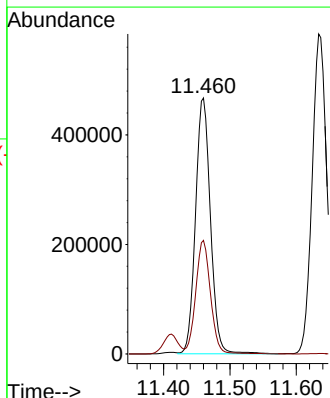
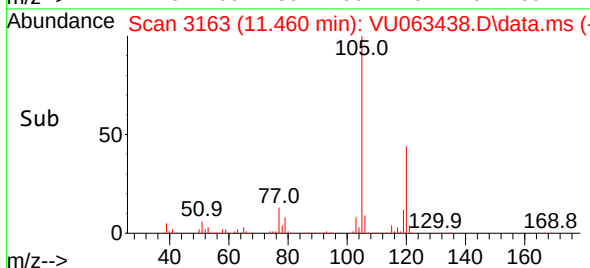
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

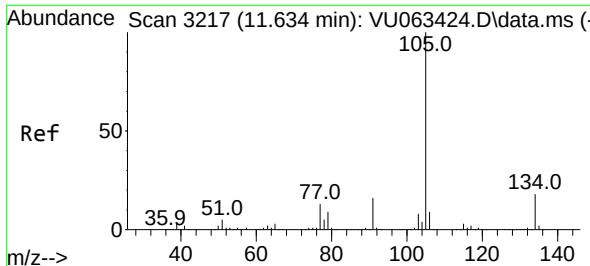


#78
1,2,4-Trimethylbenzene
Concen: 10.463 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



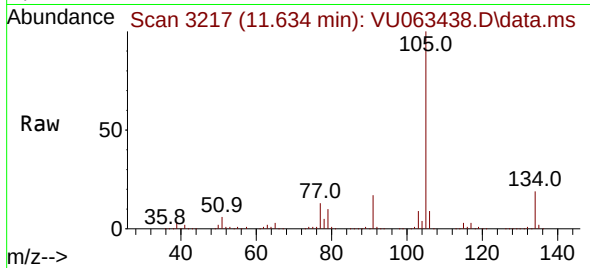
Tgt Ion:105 Resp: 731031
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.5





#79
 sec-Butylbenzene
 Concen: 12.165 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52

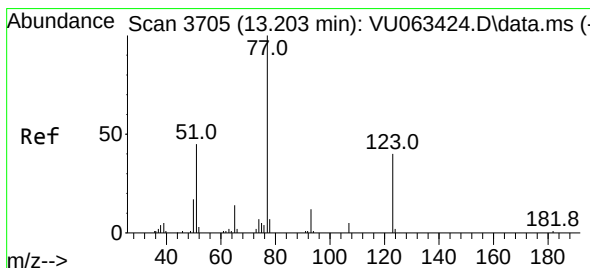
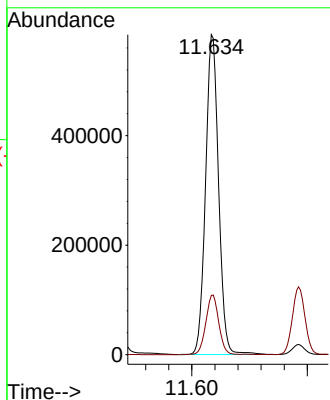
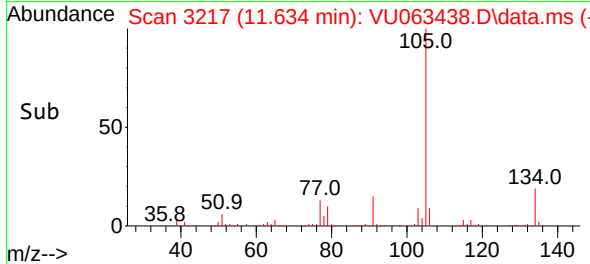
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



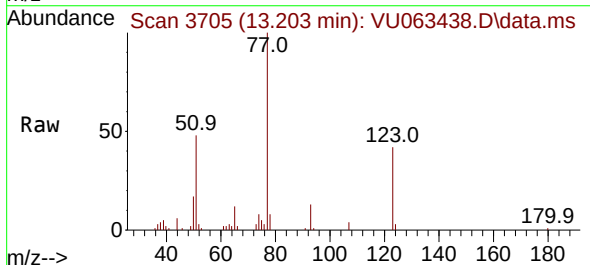
Tgt Ion:105 Resp: 91252
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.8 22.2

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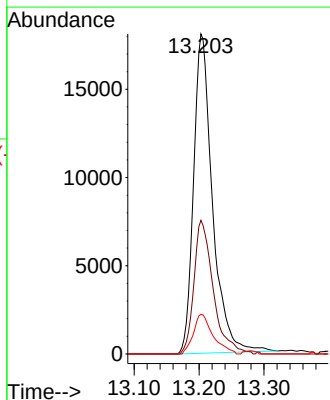
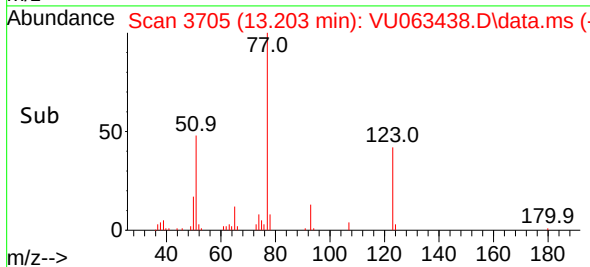
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

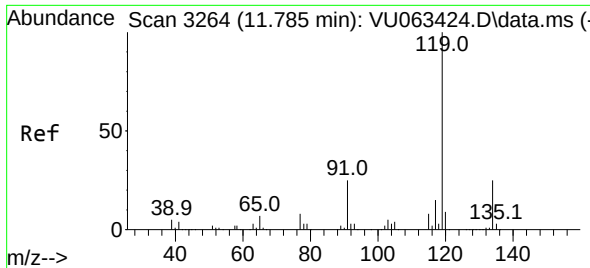


#80
 Nitrobenzene
 Concen: 46.523 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063438.D
 Acq: 24 Jun 2025 14:52



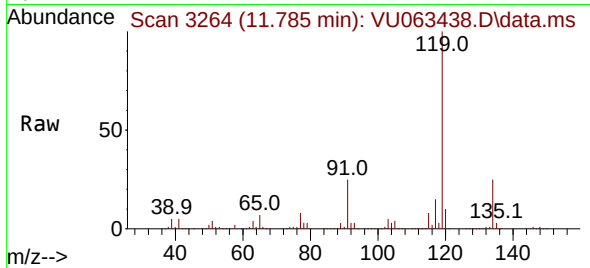
Tgt Ion: 77 Resp: 36651
 Ion Ratio Lower Upper
 77 100
 123 42.6 19.6 69.6
 65 12.9 10.6 13.4





#81
p-Isopropyltoluene
Concen: 10.335 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

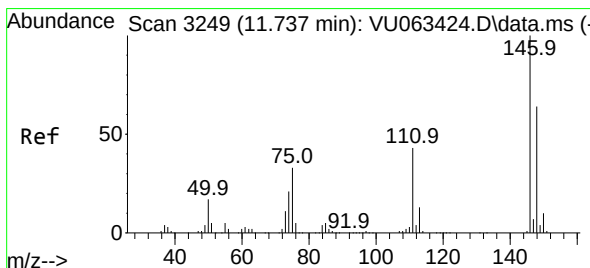
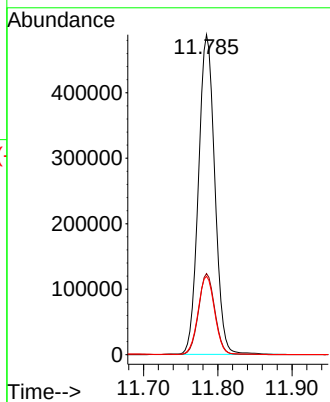
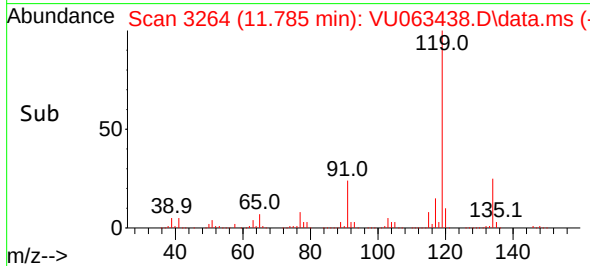
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



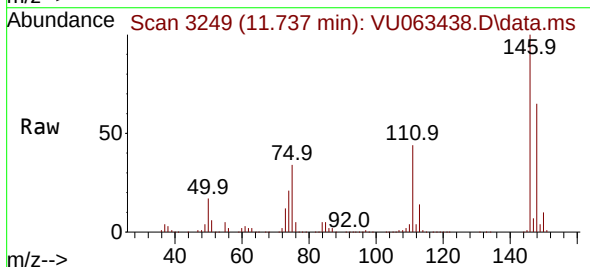
Tgt Ion:119 Resp: 746437
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.2
91 25.1 19.7 29.5

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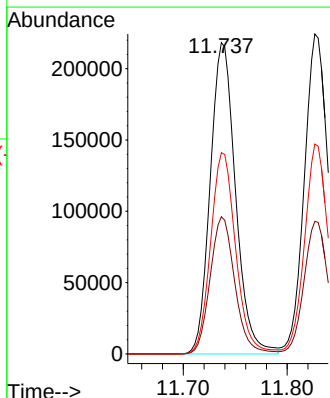
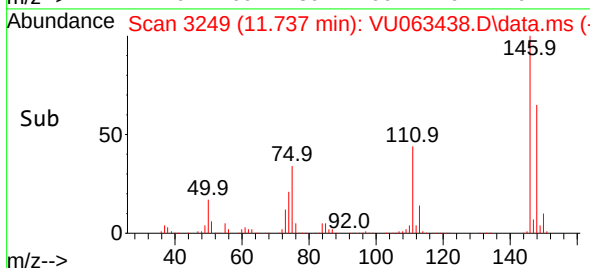
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

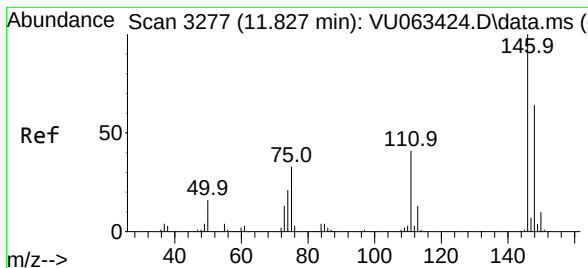


#82
1,3-Dichlorobenzene
Concen: 11.032 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



Tgt Ion:146 Resp: 369781
Ion Ratio Lower Upper
146 100
111 43.1 34.3 51.5
148 64.2 51.0 76.4





#83

1,4-Dichlorobenzene

Concen: 10.978 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 38177

Ion Ratio Lower Upper

146 100

111 40.8 31.7 47.5

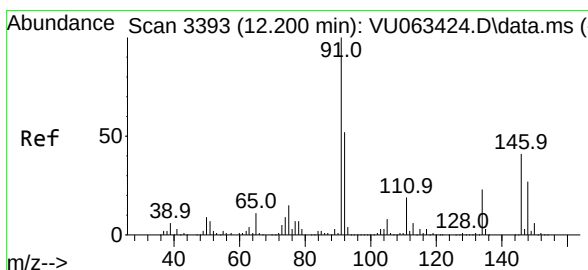
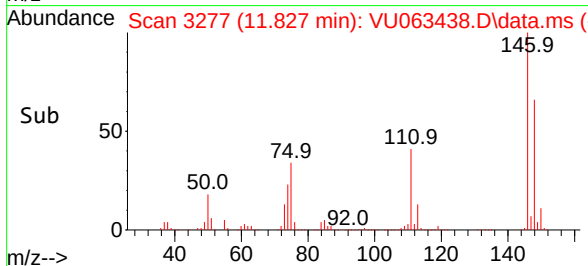
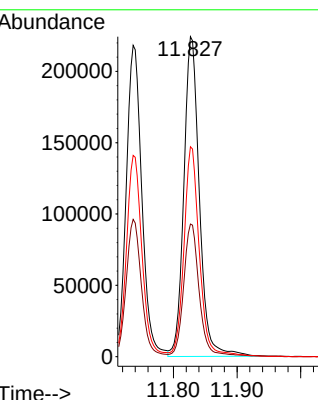
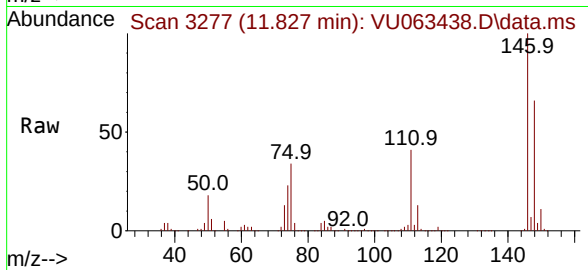
148 64.9 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#84

n-Butylbenzene

Concen: 12.157 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU063438.D

Acq: 24 Jun 2025 14:52

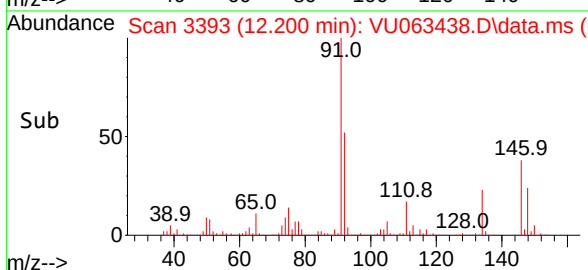
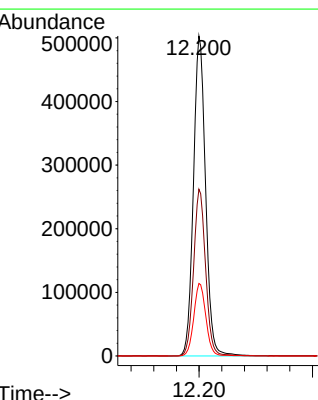
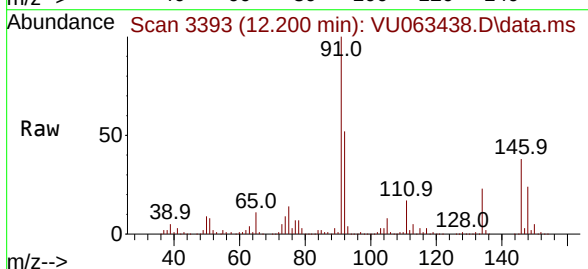
Tgt Ion: 91 Resp: 746455

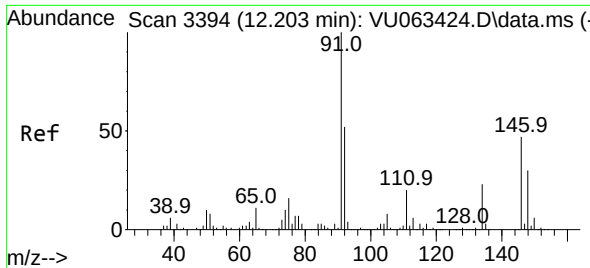
Ion Ratio Lower Upper

91 100

92 51.6 41.0 61.6

134 22.7 18.5 27.7





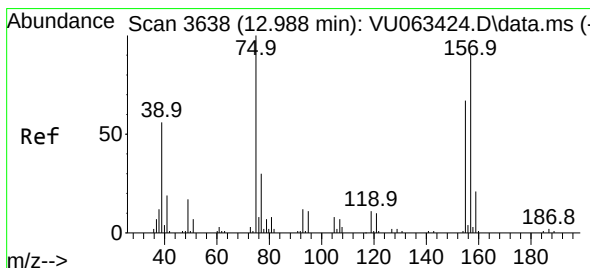
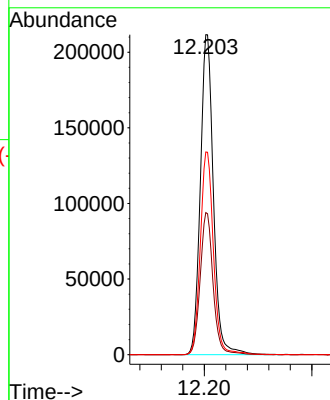
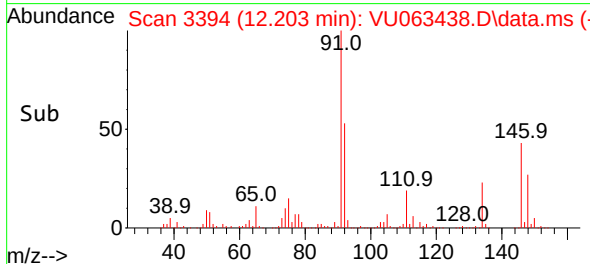
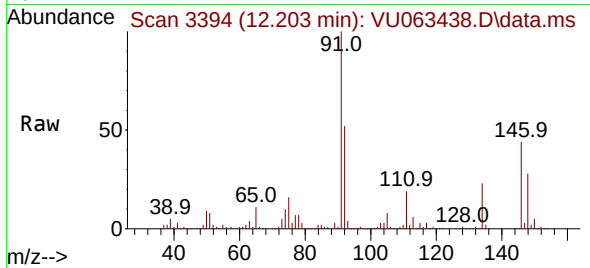
#85
1,2-Dichlorobenzene
Concen: 11.085 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 355590
Ion Ratio Lower Upper
146 100
111 43.9 21.8 65.4
148 63.8 32.3 96.9

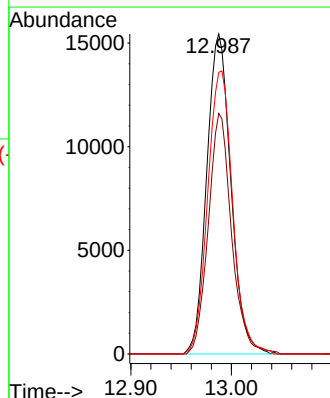
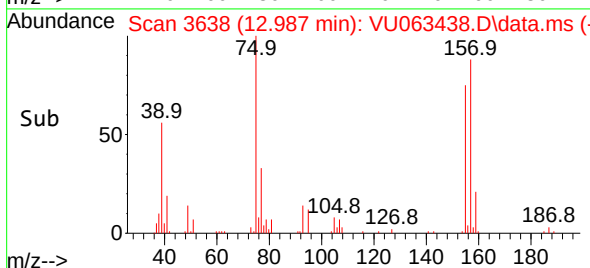
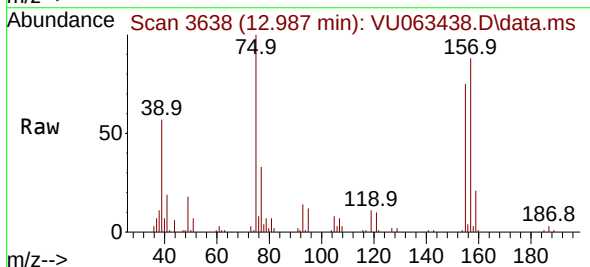
Manual Integrations
APPROVED

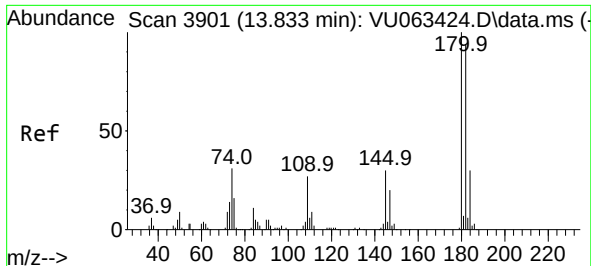
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 11.194 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

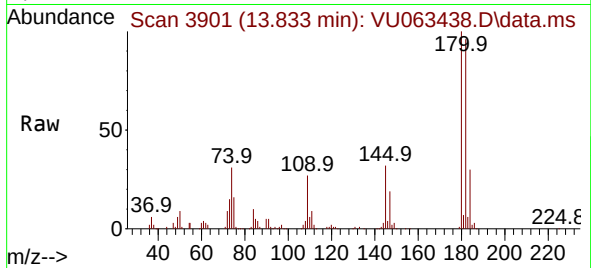
Tgt Ion: 75 Resp: 25805
Ion Ratio Lower Upper
75 100
155 72.4 59.7 89.5
157 91.3 75.0 112.4





#87
1,2,4-Trichlorobenzene
Concen: 11.153 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

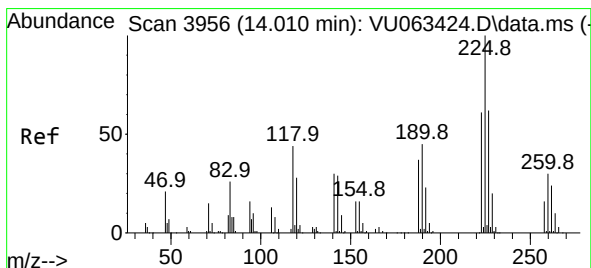
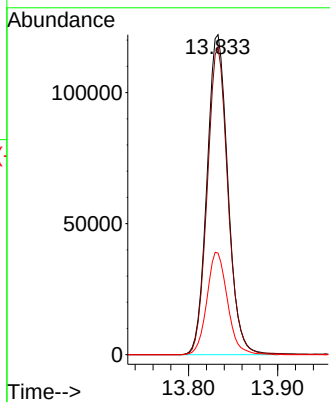
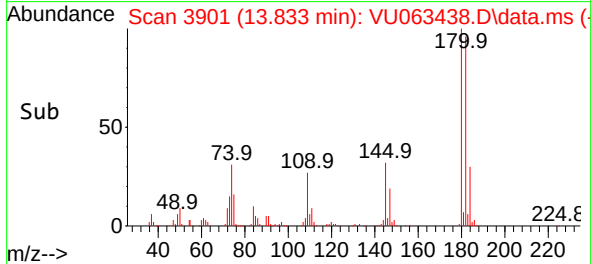
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



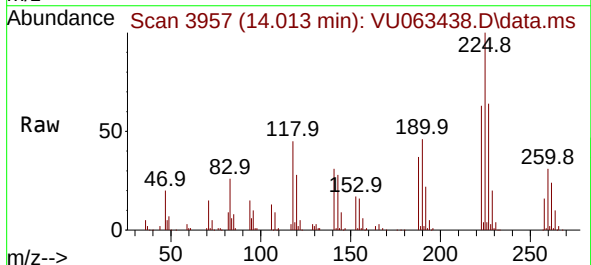
Tgt Ion:180 Resp: 199472
Ion Ratio Lower Upper
180 100
182 95.1 75.6 113.4
145 31.4 24.6 36.8

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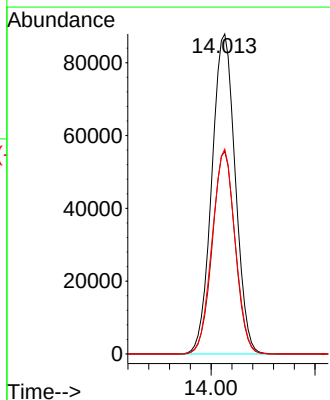
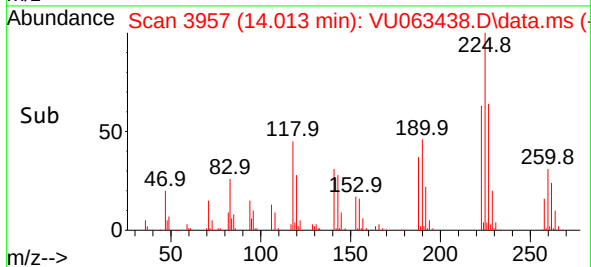
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

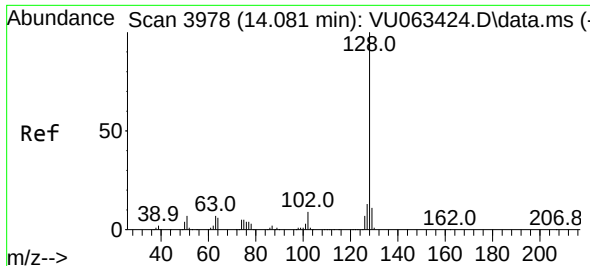


#88
Hexachlorobutadiene
Concen: 10.864 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



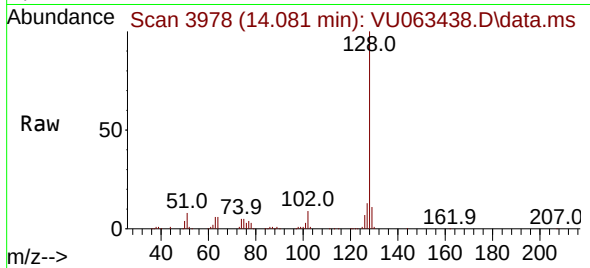
Tgt Ion:225 Resp: 137762
Ion Ratio Lower Upper
225 100
223 61.5 50.0 75.0
227 62.8 51.5 77.3





#89
Naphthalene
Concen: 9.319 ug/l
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52

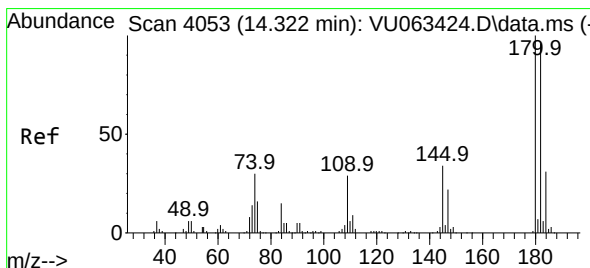
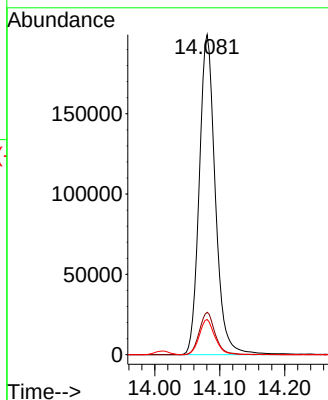
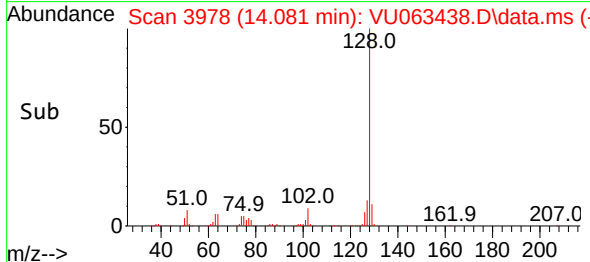
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



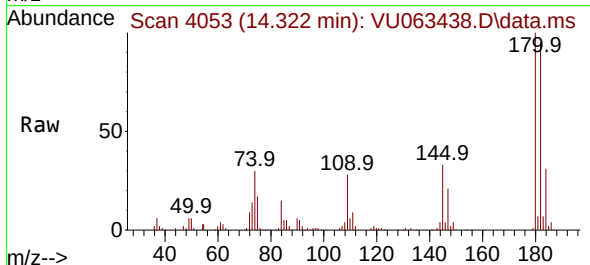
Tgt Ion:128 Resp: 343000
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 11.272 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063438.D
Acq: 24 Jun 2025 14:52



Tgt Ion:180 Resp: 200460
Ion Ratio Lower Upper
180 100
182 94.6 76.7 115.1
145 33.5 27.4 41.2

