

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021325\
 Data File : VU063262.D
 Acq On : 13 Feb 2025 08:36
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/14/2025
 Supervised By :Semsettin Yesilyurt 02/14/2025

Quant Time: Feb 14 04:40:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	54046	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	22963	1.288	ug/l	0.00
Spiked Amount 1.000			Recovery	=	129.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	19595	1.057	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	175072	9.970	ug/l	100
3) Chloromethane	1.515	50	191024	9.446	ug/l	97
4) Vinyl Chloride	1.599	62	198865	9.939	ug/l	99
5) Bromomethane	1.837	94	109476	11.198	ug/l	99
6) Chloroethane	1.920	64	119311	9.468	ug/l	100
7) Trichlorofluoromethane	2.126	101	237121	10.001	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	139754	10.385	ug/l	98
9) 1,1-Dichloroethene	2.567	96	138594	10.108	ug/l	99
10) Iodomethane	2.708	142	223580	10.372	ug/l	100
11) Allyl Chloride	2.911	41	202062	10.258	ug/l	99
12) Acrylonitrile	3.300	53	67738	21.419	ug/l	98
13) Acetone	2.612	43	124539	51.212	ug/l	99
14) Carbon Disulfide	2.779	76	472271	9.851	ug/l	100
15) Methylene Chloride	3.030	84	170726	10.078	ug/l	99
16) trans-1,2-Dichloroethene	3.338	96	160700	10.269	ug/l	96
17) 1,1-Dichloroethane	3.853	63	298904	10.133	ug/l	100
18) 2-Butanone	4.685	43	208686	53.920	ug/l	99
19) Cyclohexane	5.374	56	260727m	11.000	ug/l	
20) Methylcyclohexane	6.753	83	270015	11.488	ug/l	100
21) 2,2-Dichloropropane	4.647	77	241665	10.502	ug/l	100
22) cis-1,2-Dichloroethene	4.650	96	180546	10.678	ug/l	100
23) Diethyl Ether	2.364	59	115003	9.774	ug/l	99
24) tert-Butyl Alcohol	3.161	59	116839	97.059	ug/l	100
25) Methyl tert-Butyl Ether	3.348	73	363897	10.626	ug/l	98
26) Bromochloromethane	4.959	128	76113	10.298	ug/l	99
27) Chloroform	5.071	83	304404	10.226	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	249979	10.367	ug/l	100
29) 1,1-Dichloropropene	5.512	75	235028	10.882	ug/l	100
30) Carbon Tetrachloride	5.509	117	217105	10.498	ug/l	98
31) Isopropyl Ether	3.975	45	454455	10.792	ug/l	100
32) Ethyl-t-butyl ether	4.483	59	419919	10.965	ug/l	100
33) Tert-Amyl methyl ether	5.927	73	373708	11.169	ug/l	99
34) Propionitrile	4.756	54	65197	55.852	ug/l	99
35) Benzene	5.759	78	691804	10.417	ug/l	100
36) 1,2-Dichloroethane	5.779	62	194480	10.147	ug/l	100
37) Trichloroethene	6.531	130	165198	10.460	ug/l	97
38) 1,2-Dichloropropane	6.779	63	179574	10.331	ug/l	99
39) Methacrylonitrile	4.959	41	51380	11.811	ug/l	97
40) Methyl acrylate	4.833	55	86798	10.826	ug/l	99
41) Tetrahydrofuran	5.039	42	52296	20.669	ug/l	99
42) 1-Chlorobutane	5.444	56	318733	10.786	ug/l	99
43) Dibromomethane	6.904	93	89368	10.154	ug/l	99
44) Bromodichloromethane	7.094	83	218078	10.646	ug/l	100

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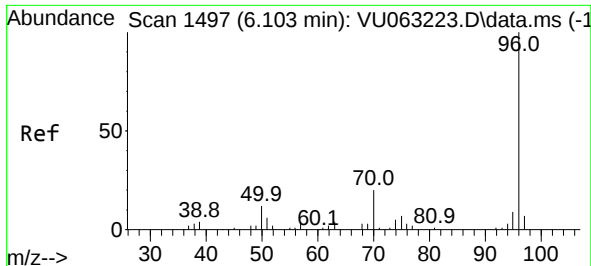
Manual Integrations
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 Supervised By :Semsettin Yesilyurt 02/14/2025

Quant Time: Feb 14 04:40:50 2025
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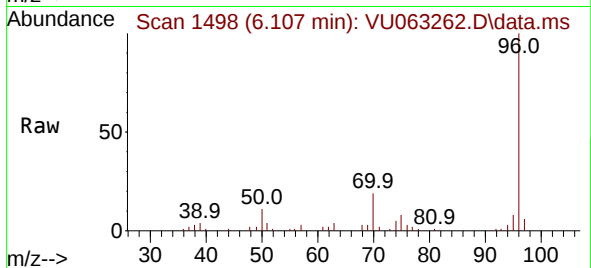
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.775	43	508561	55.115	ug/l	100
46) t-1,4-Dichloro-2-butene	10.814	75	207484	47.833	ug/l #	54
47) Methyl methacrylate	6.949	69	169420	22.854	ug/l	99
48) Ethyl methacrylate	8.322	69	163932	11.777	ug/l	100
49) Toluene	7.959	92	422883	11.073	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	214427	11.433	ug/l	97
51) cis-1,3-Dichloropropene	7.595	75	254233	10.974	ug/l	98
52) 1,1,2-Trichloroethane	8.386	97	123518	10.409	ug/l	98
53) 1,3-Dichloropropane	8.563	76	220105	10.448	ug/l	100
54) 2-Hexanone	8.672	43	344198	54.661	ug/l	99
55) Dibromochloromethane	8.798	129	148145	10.851	ug/l	99
56) 1,2-Dibromoethane	8.914	107	116797	10.494	ug/l	99
58) Tetrachloroethene	8.544	164	138117	10.612	ug/l	99
59) Chlorobenzene	9.438	112	436133	10.822	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	155286	10.720	ug/l	100
61) Pentachloroethane	11.415	117	135426	10.465	ug/l	100
62) Hexachloroethane	12.463	117	125589	10.970	ug/l	99
63) Ethyl Benzene	9.560	91	793194	11.412	ug/l	100
64) m/p-Xylenes	9.682	106	610169	23.502	ug/l	100
65) o-Xylene	10.090	106	288272	11.342	ug/l	100
66) Styrene	10.103	104	480803	11.887	ug/l	100
67) Bromoform	10.280	173	84170	10.863	ug/l	99
69) Isopropylbenzene	10.473	105	693224	11.602	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.769	83	167442	10.469	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	123109m	10.245	ug/l	
72) Bromobenzene	10.772	156	175175	10.881	ug/l	100
73) n-propylbenzene	10.894	120	205289	12.000	ug/l	99
74) 2-Chlorotoluene	10.975	126	182021	11.545	ug/l	98
75) 1,3,5-Trimethylbenzene	11.078	105	659181	11.906	ug/l	99
76) 4-Chlorotoluene	11.087	126	186115	11.511	ug/l	98
77) tert-Butylbenzene	11.409	119	634392	11.330	ug/l	99
78) 1,2,4-Trimethylbenzene	11.457	105	660280	12.019	ug/l	100
79) sec-Butylbenzene	11.634	105	841072	11.798	ug/l	99
80) Nitrobenzene	13.203	77	22316m	47.324	ug/l	
81) p-Isopropyltoluene	11.782	119	678948	12.067	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	347219	11.119	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	339958	11.131	ug/l	99
84) n-Butylbenzene	12.200	91	630516	12.498	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	326538	10.882	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.987	75	24031	10.704	ug/l	100
87) 1,2,4-Trichlorobenzene	13.830	180	178379	12.188	ug/l	98
88) Hexachlorobutadiene	14.010	225	118917	11.369	ug/l	99
89) Naphthalene	14.077	128	273163	9.007	ug/l	100
90) 1,2,3-Trichlorobenzene	14.319	180	166618	11.635	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

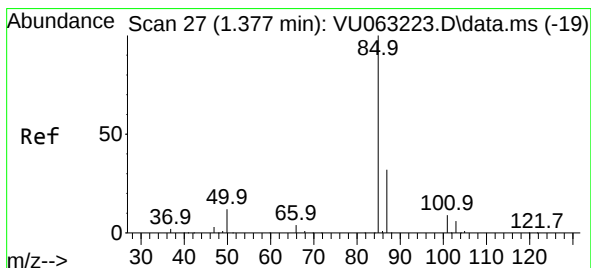
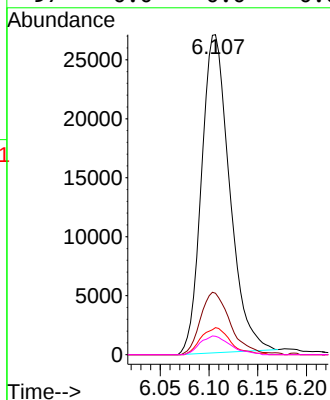
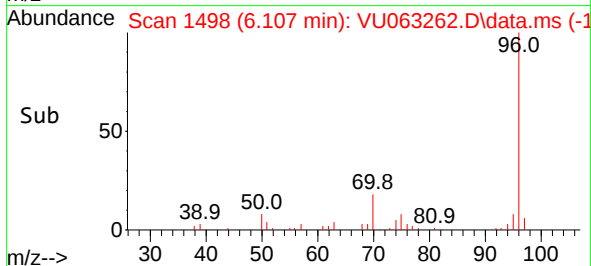
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 96 Resp: 5404
Ion Ratio Lower Upper
96 100
70 21.0 15.6 23.4
95 8.9 7.3 10.9
97 0.0 0.0 0.0

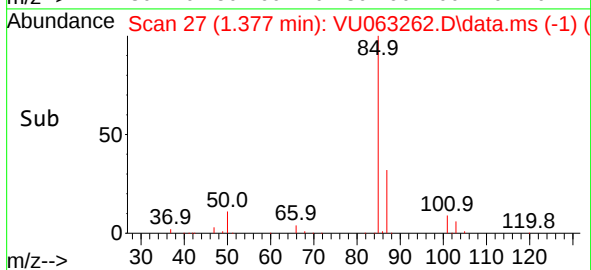
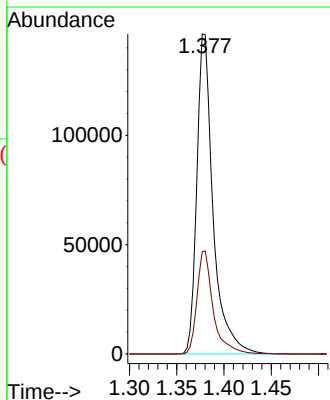
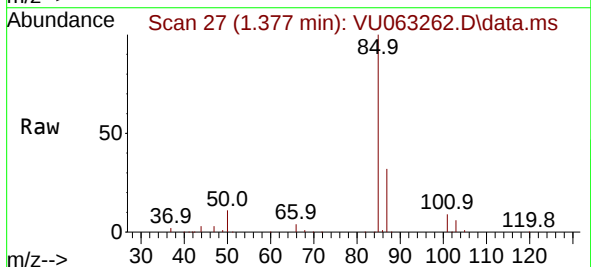
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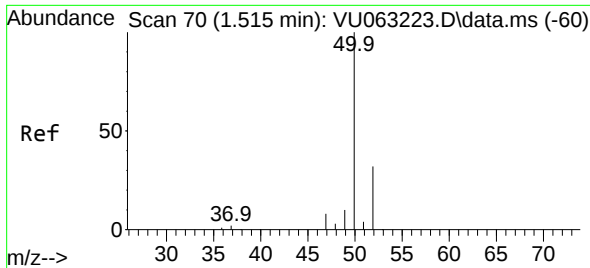
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#2
Dichlorodifluoromethane
Concen: 9.970 ug/l
RT: 1.377 min Scan# 27
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

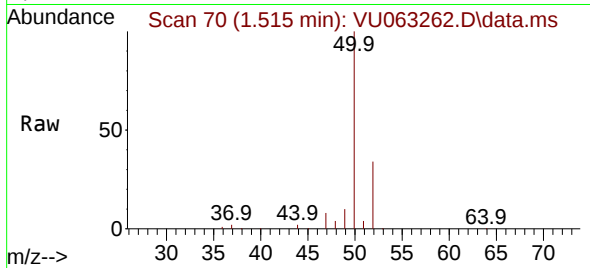
Tgt Ion: 85 Resp: 175072
Ion Ratio Lower Upper
85 100
87 32.0 16.0 48.0





#3
Chloromethane
Concen: 9.446 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

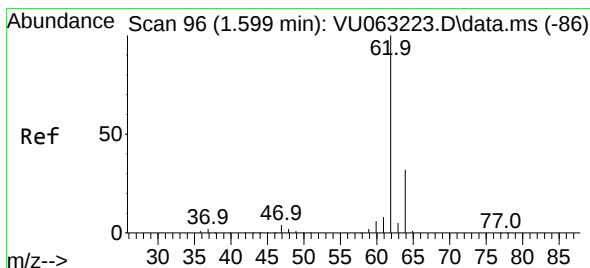
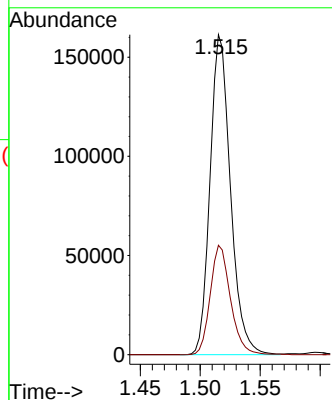
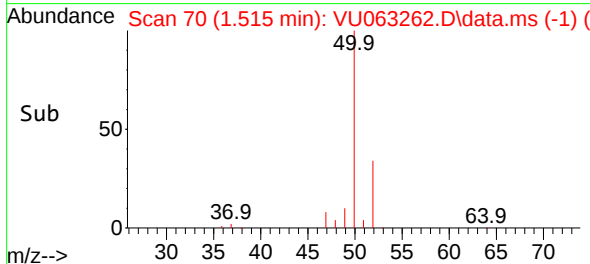
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



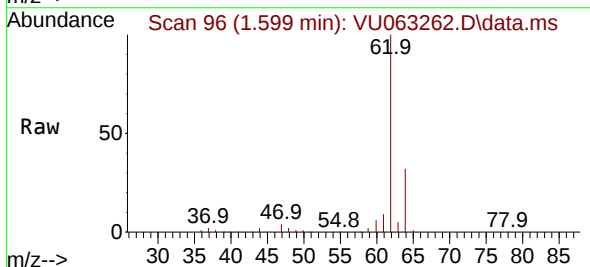
Tgt Ion: 50 Resp: 191024
Ion Ratio Lower Upper
50 100
52 34.2 25.8 38.8

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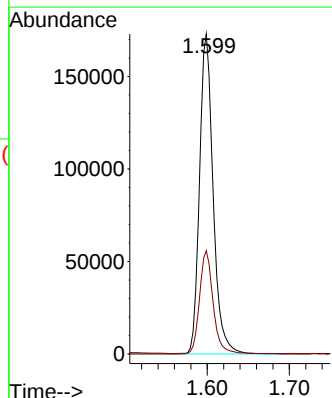
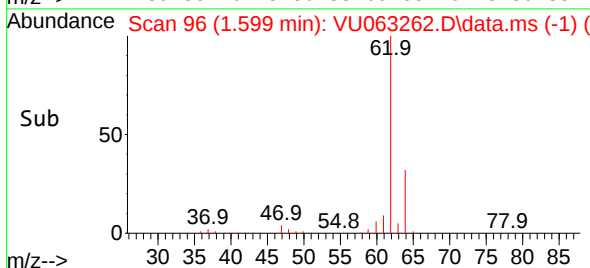
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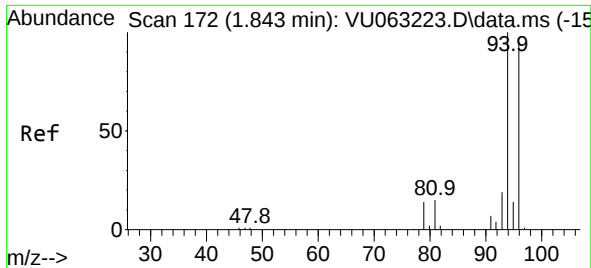


#4
Vinyl Chloride
Concen: 9.939 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



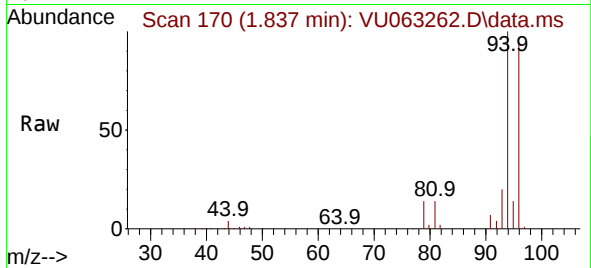
Tgt Ion: 62 Resp: 198865
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 11.198 ug/l
RT: 1.837 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

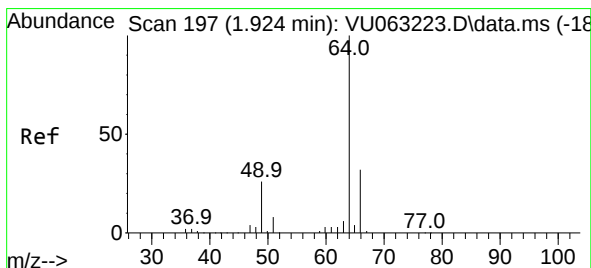
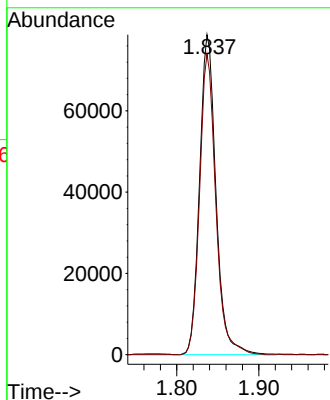
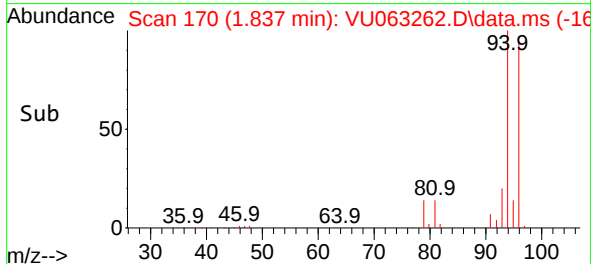
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 94 Resp: 109470
Ion Ratio Lower Upper
94 100
96 93.9 75.7 113.5

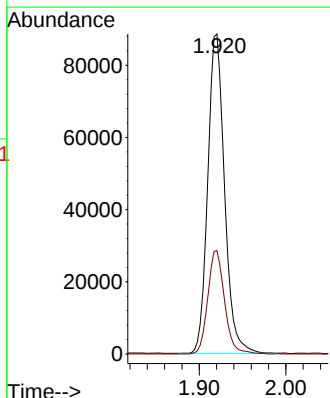
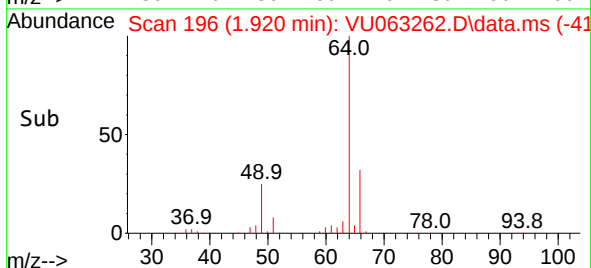
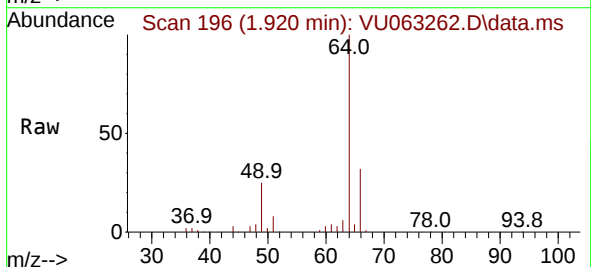
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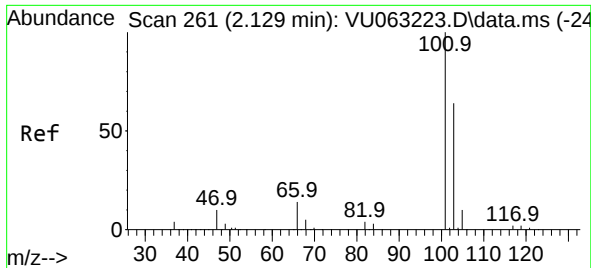
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#6
Chloroethane
Concen: 9.468 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Tgt Ion: 64 Resp: 119311
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.8





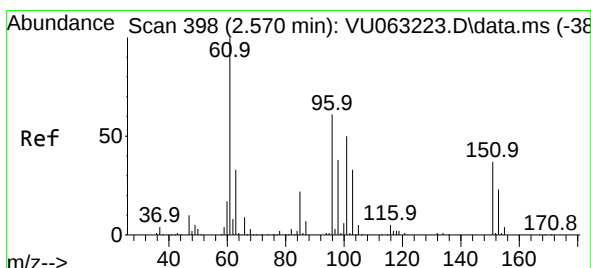
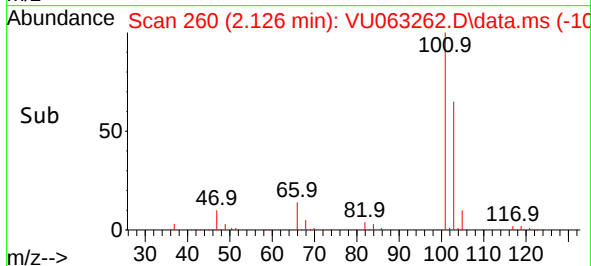
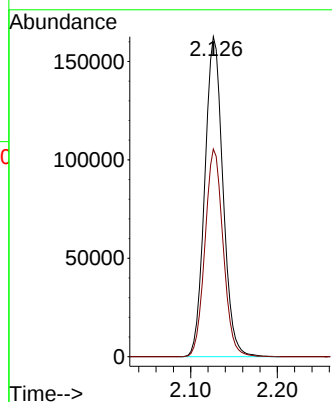
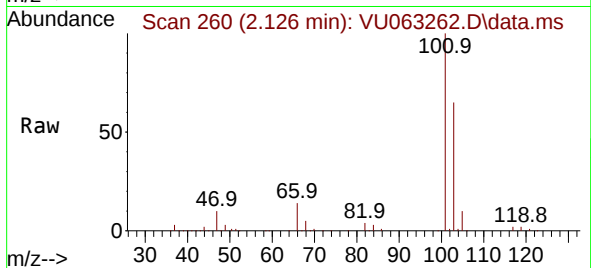
#7
Trichlorofluoromethane
Concen: 10.001 ug/l
RT: 2.126 min Scan# 20
Delta R.T. -0.003 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 23712
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

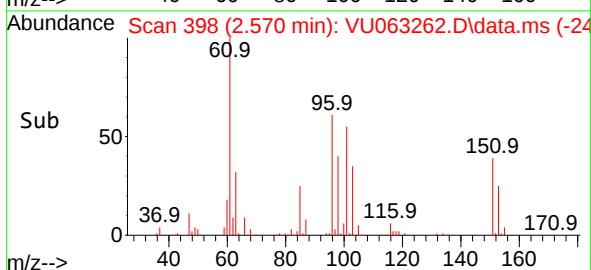
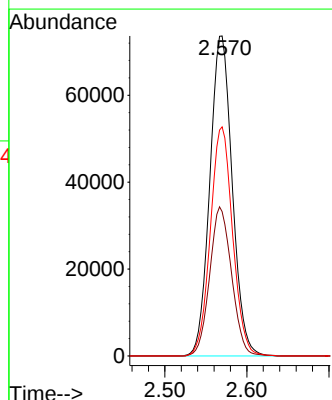
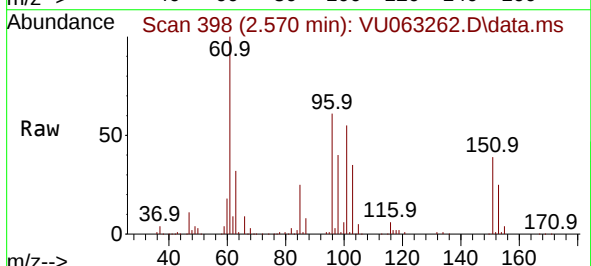
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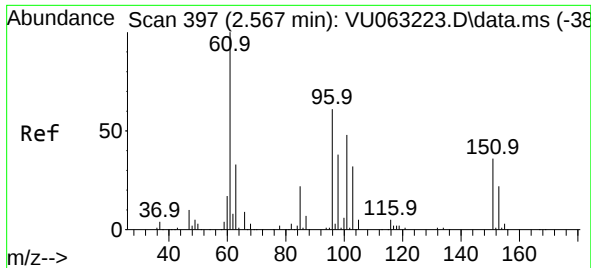
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.385 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Tgt Ion:101 Resp: 139754
Ion Ratio Lower Upper
101 100
85 45.5 35.4 53.0
151 71.2 58.5 87.7





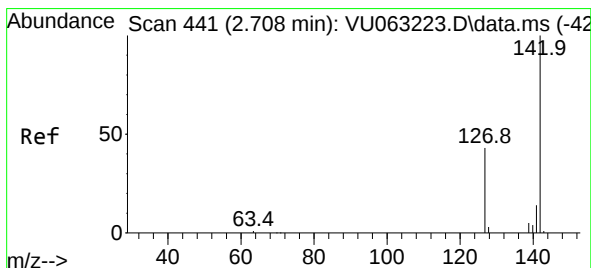
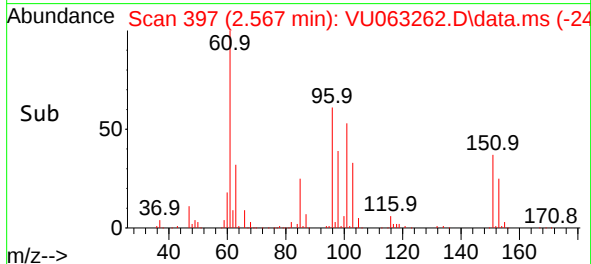
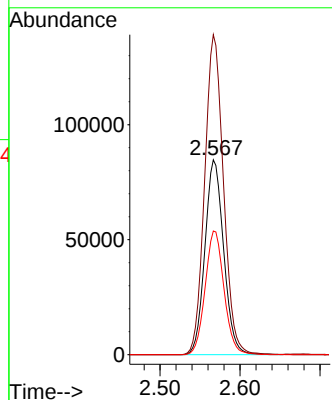
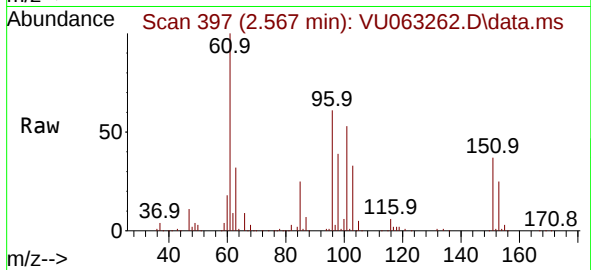
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1,1-Dichloroethene
Concen: 10.108 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 138594
Ion Ratio Lower Upper
96 100
61 164.2 0.0 492.9
98 63.5 0.0 124.0

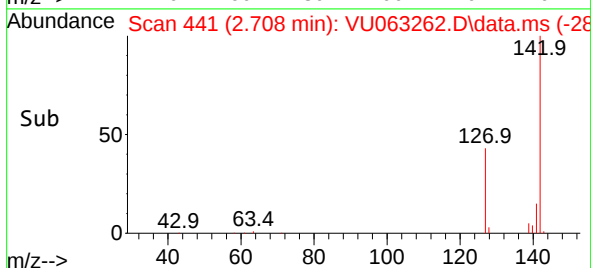
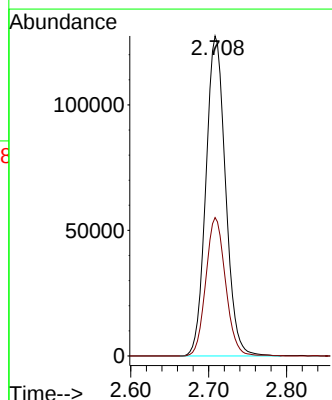
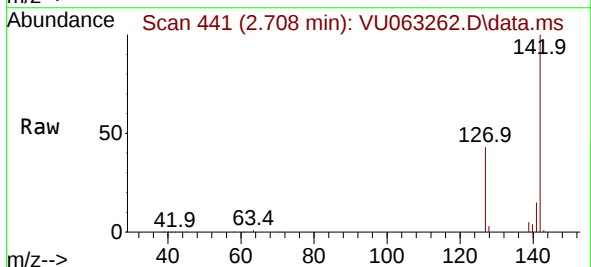
Manual Integrations
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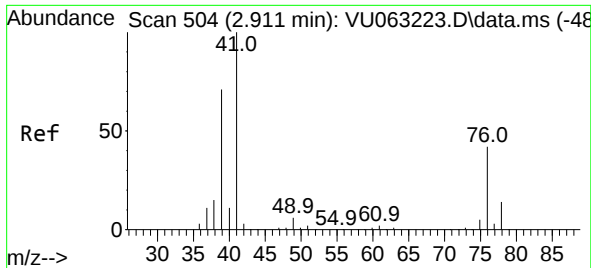
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#10
Iodomethane
Concen: 10.372 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Tgt Ion:142 Resp: 223580
Ion Ratio Lower Upper
142 100
127 43.4 34.5 51.7





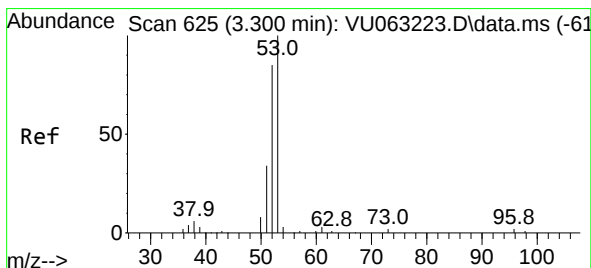
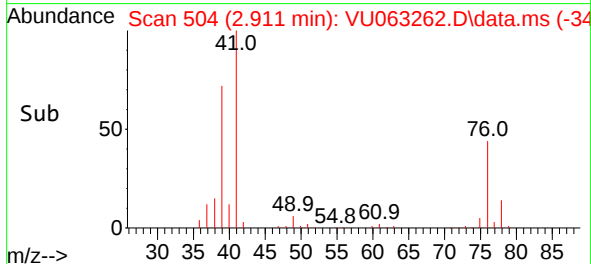
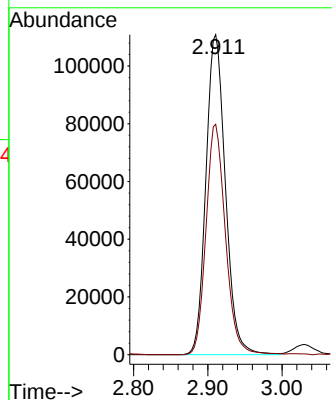
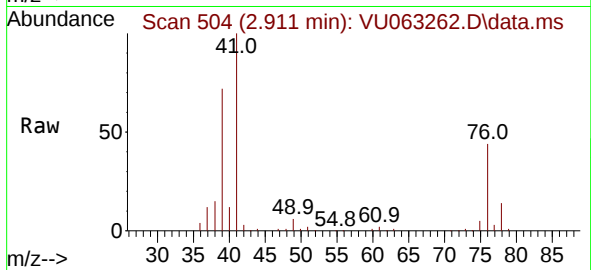
#11
 Allyl Chloride
 Concen: 10.258 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: VU063262.D
 Acq: 13 Feb 2025 08:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 202062
 Ion Ratio Lower Upper
 41 100
 39 71.8 57.9 86.9

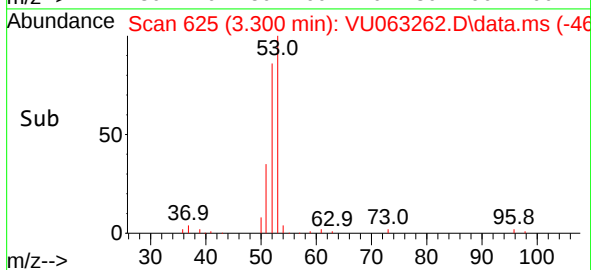
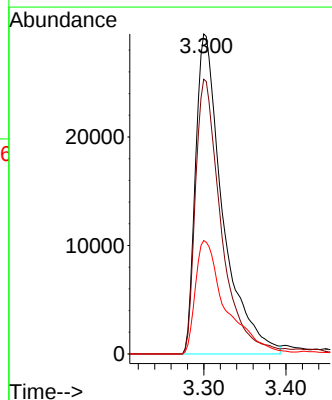
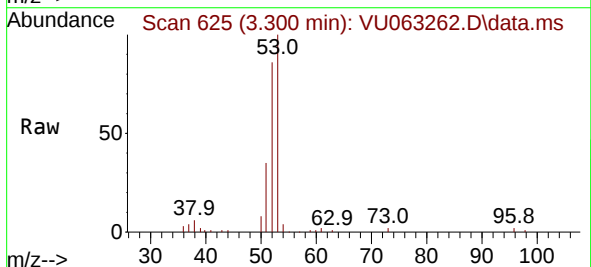
Manual Integrations
 APPROVED

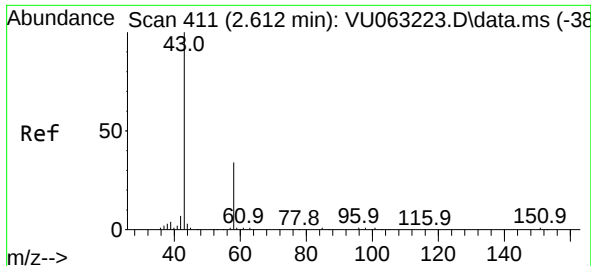
Reviewed By :Mahesh Dadoda 02/14/2025
 Supervised By :Semsettin Yesilyurt 02/14/2025



#12
 Acrylonitrile
 Concen: 21.419 ug/l
 RT: 3.300 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VU063262.D
 Acq: 13 Feb 2025 08:36

Tgt Ion: 53 Resp: 67738
 Ion Ratio Lower Upper
 53 100
 52 81.7 64.2 96.2
 51 39.7 30.8 46.2





#13

Acetone

Concen: 51.212 ug/l

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 124539

Ion Ratio Lower Upper

43 100

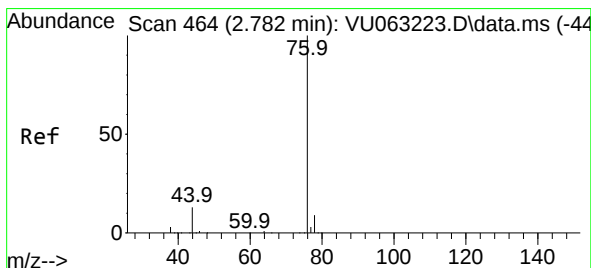
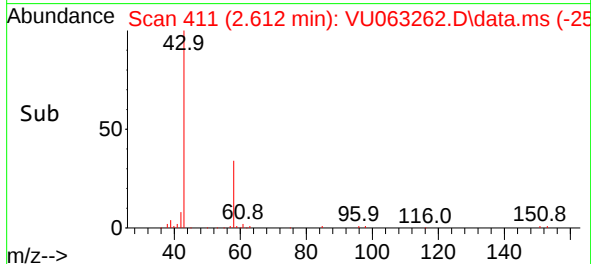
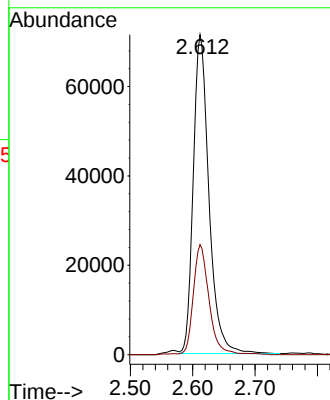
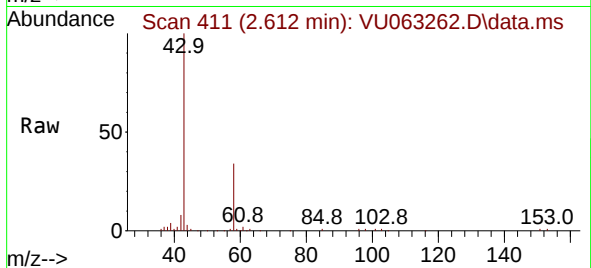
58 34.5 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2025

Supervised By :Semsettin Yesilyurt 02/14/2025



#14

Carbon Disulfide

Concen: 9.851 ug/l

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU063262.D

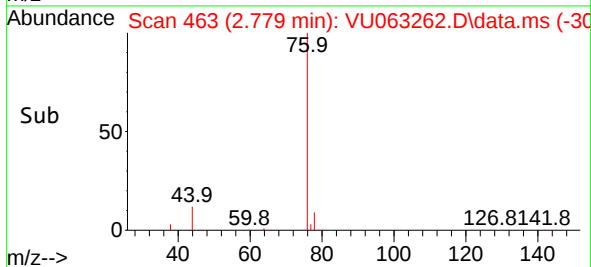
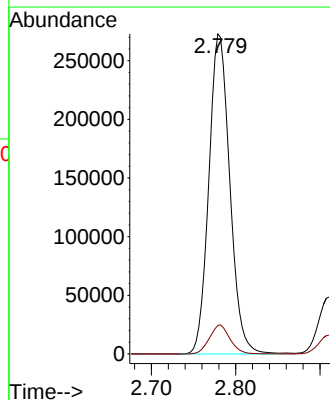
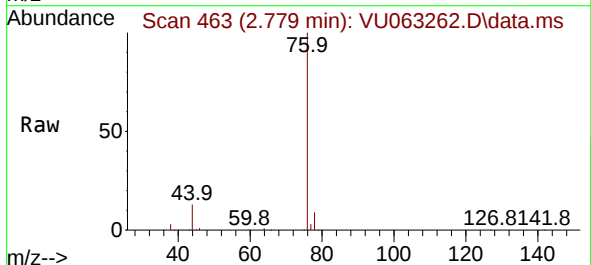
Acq: 13 Feb 2025 08:36

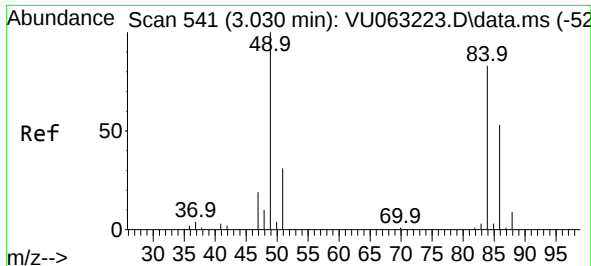
Tgt Ion: 76 Resp: 472271

Ion Ratio Lower Upper

76 100

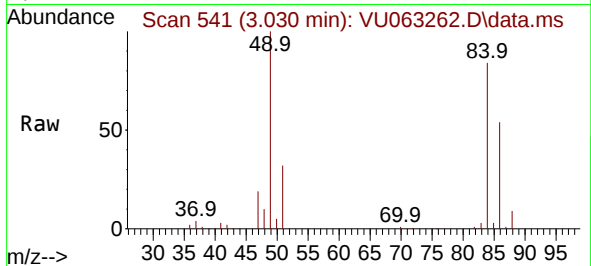
78 8.9 7.2 10.8





#15
Methylene Chloride
Concen: 10.078 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

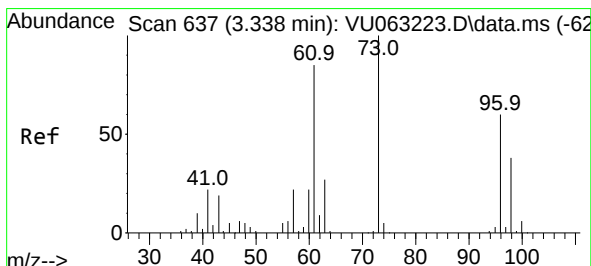
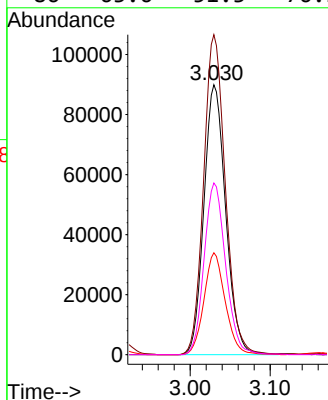
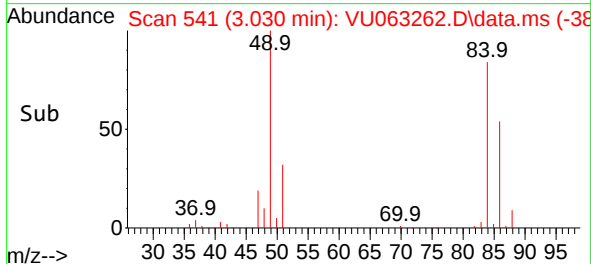
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



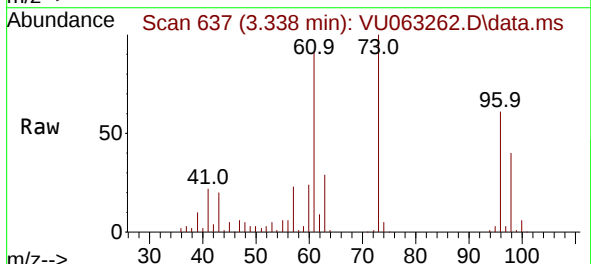
Tgt Ion: 84 Resp: 170720
Ion Ratio Lower Upper
84 100
49 118.5 96.4 144.6
51 37.7 0.0 74.8
86 63.6 51.3 76.9

Manual Integrations
APPROVED

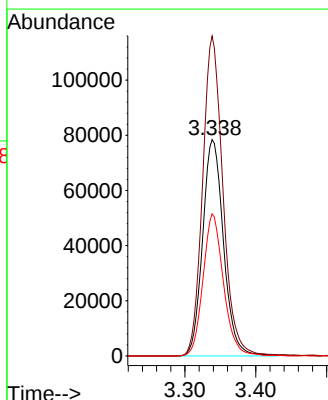
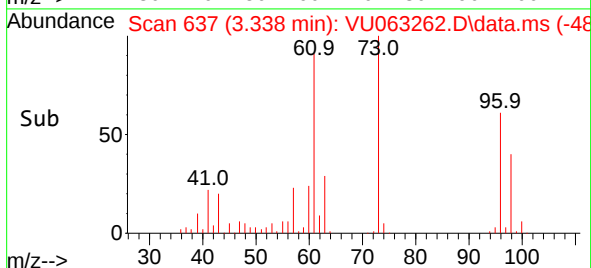
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

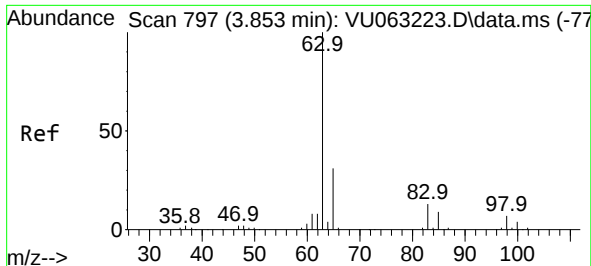


#16
trans-1,2-Dichloroethene
Concen: 10.269 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



Tgt Ion: 96 Resp: 160700
Ion Ratio Lower Upper
96 100
61 147.9 113.4 170.2
98 65.7 51.2 76.8





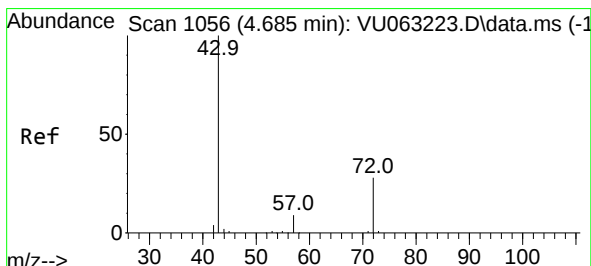
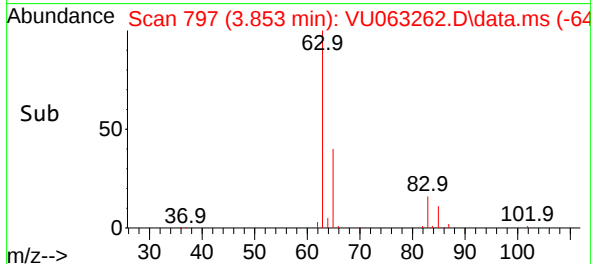
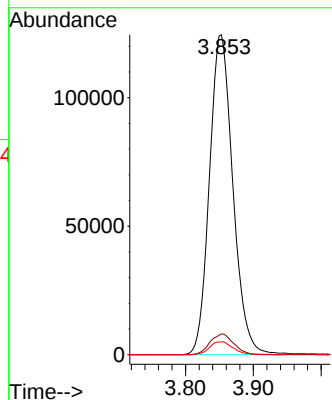
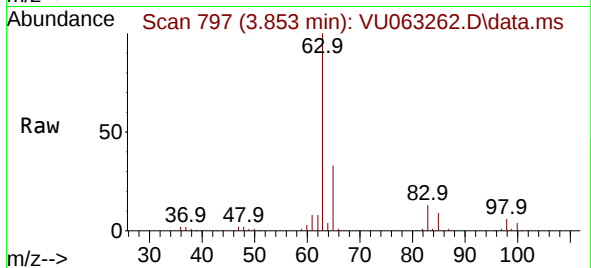
#17
1,1-Dichloroethane
Concen: 10.133 ug/l
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 298904
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.9
100 4.1 2.1 6.2

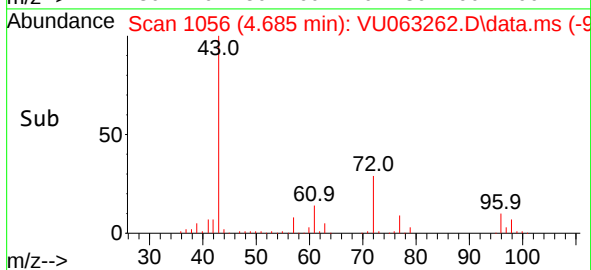
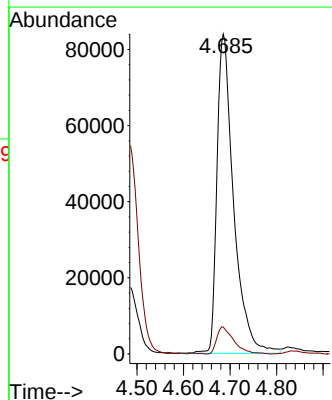
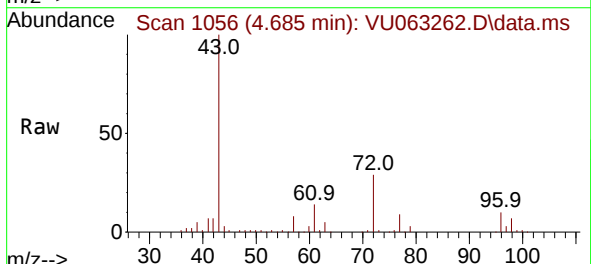
Manual Integrations
APPROVED

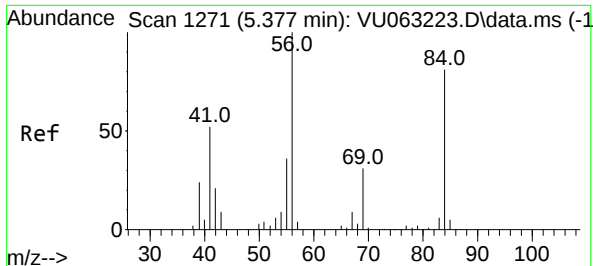
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#18
2-Butanone
Concen: 53.920 ug/l
RT: 4.685 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Tgt Ion: 43 Resp: 208686
Ion Ratio Lower Upper
43 100
57 8.2 0.0 17.0





#19

Cyclohexane

Concen: 11.000 ug/l m

RT: 5.374 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

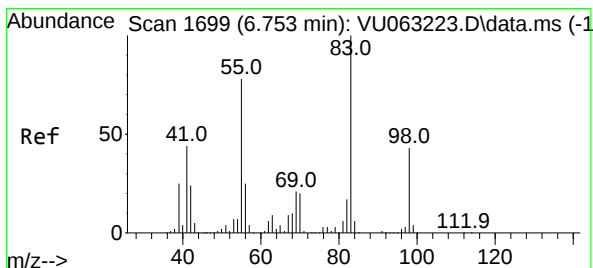
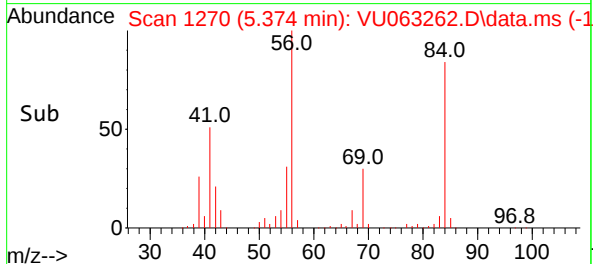
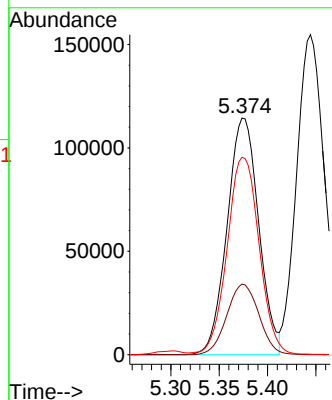
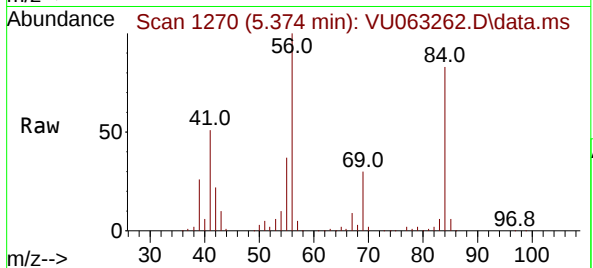
Tgt Ion: 56 Resp: 26072

Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.5	36.7
84	83.0	65.2	97.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#20

Methylcyclohexane

Concen: 11.488 ug/l

RT: 6.753 min Scan# 1699

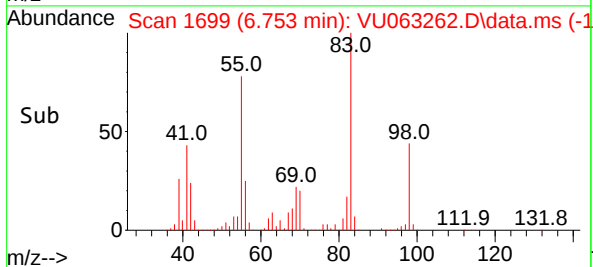
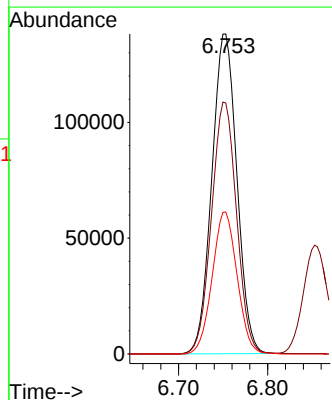
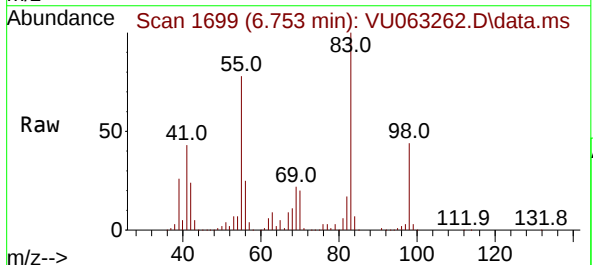
Delta R.T. 0.000 min

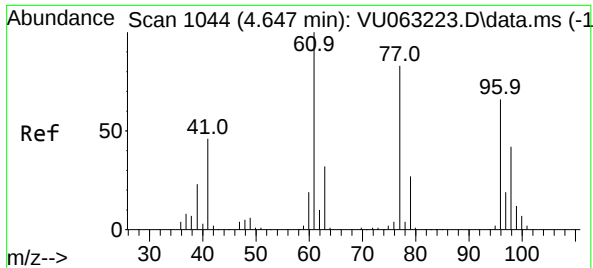
Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

Tgt Ion: 83 Resp: 270015

Ion	Ratio	Lower	Upper
83	100		
55	78.5	63.1	94.7
98	44.1	35.2	52.8





#21
2,2-Dichloropropane
Concen: 10.502 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Instrument :

MSVOA_U

ClientSampleId :

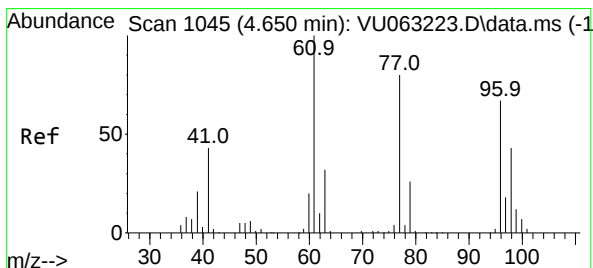
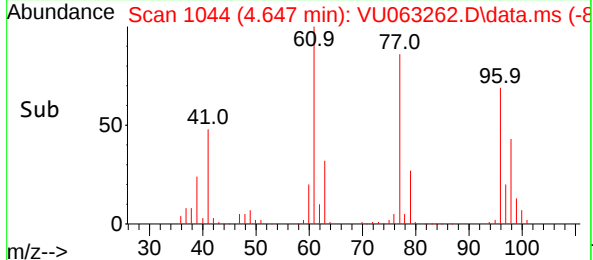
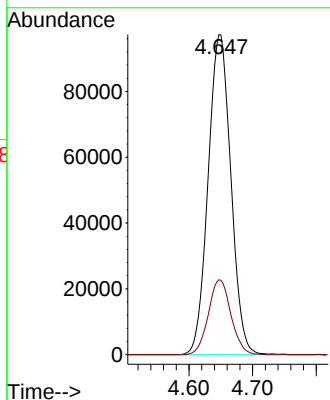
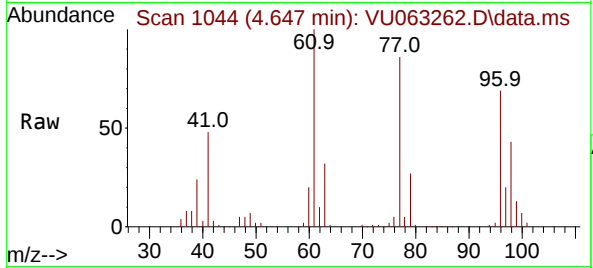
VSTDCCC010

Tgt Ion: 77 Resp: 24166
Ion Ratio Lower Upper
77 100
97 23.2 18.5 27.7

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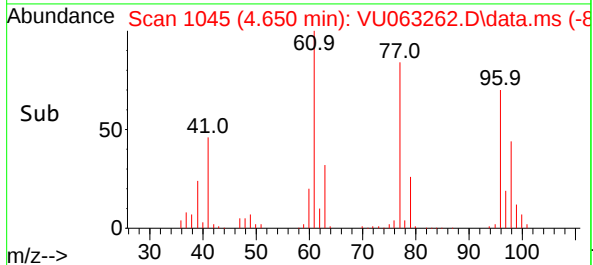
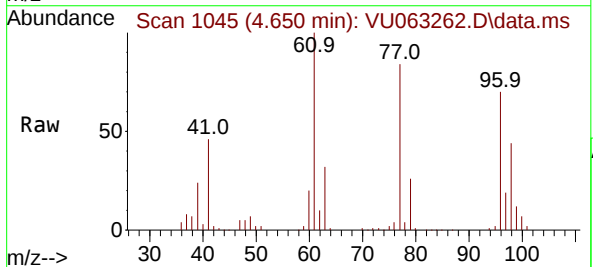
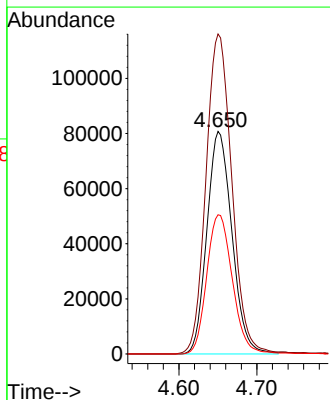
APPROVED

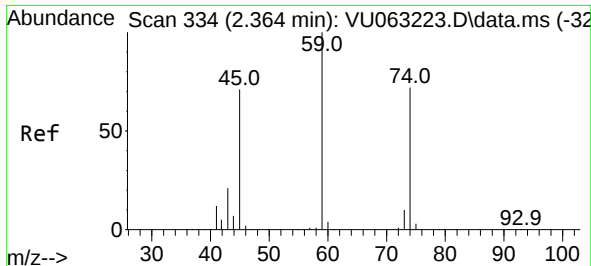
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#22
cis-1,2-Dichloroethene
Concen: 10.678 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Tgt Ion: 96 Resp: 180546
Ion Ratio Lower Upper
96 100
61 148.5 0.0 373.3
98 63.8 31.9 95.9





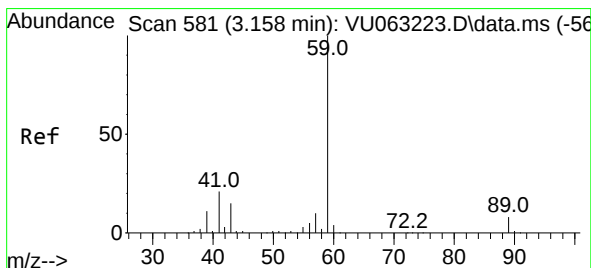
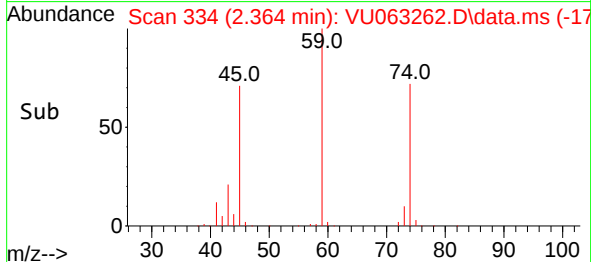
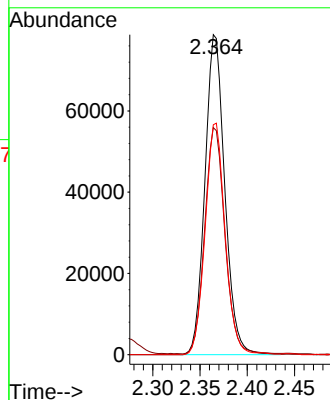
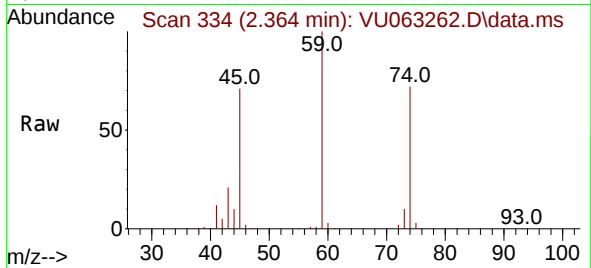
#23
Diethyl Ether
Concen: 9.774 ug/l
RT: 2.364 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 115000
Ion Ratio Lower Upper
59 100
45 72.1 57.8 86.6
74 72.8 57.7 86.5

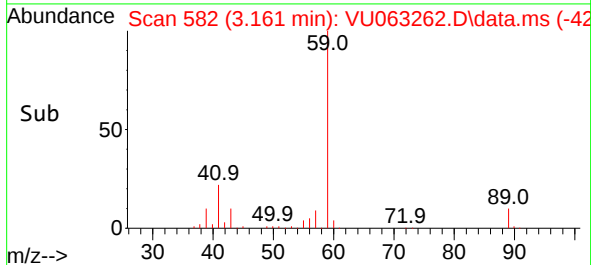
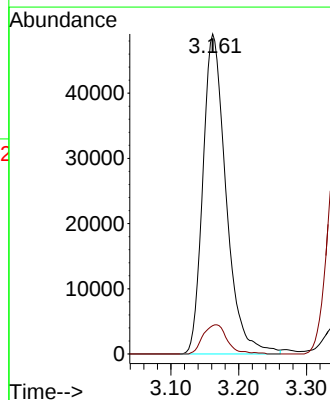
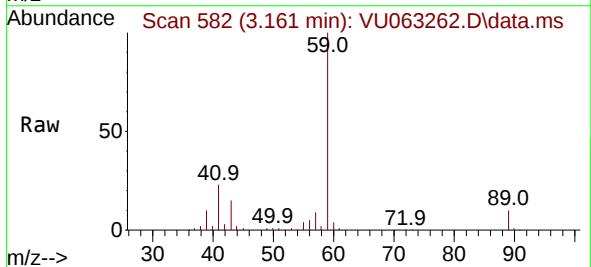
Manual Integrations
APPROVED

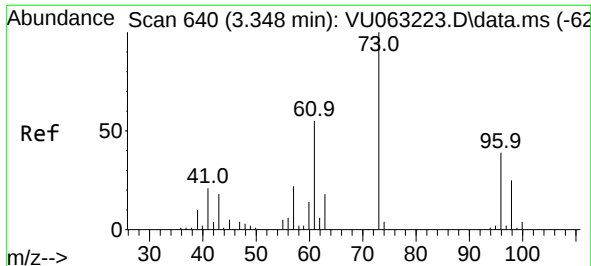
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#24
tert-Butyl Alcohol
Concen: 97.059 ug/l
RT: 3.161 min Scan# 582
Delta R.T. 0.003 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Tgt Ion: 59 Resp: 116839
Ion Ratio Lower Upper
59 100
57 9.4 7.5 11.3





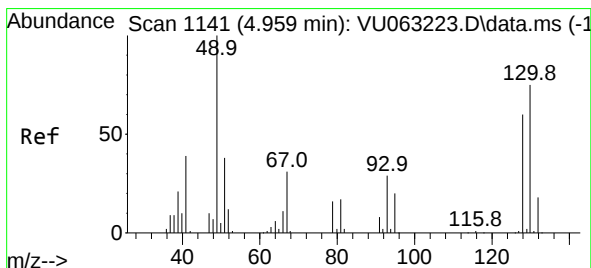
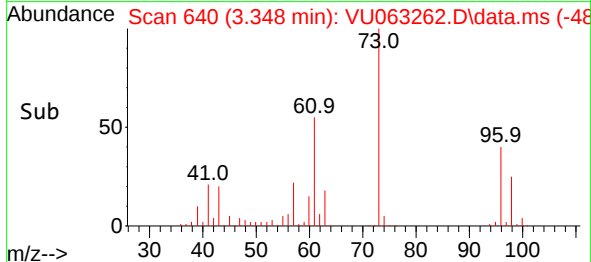
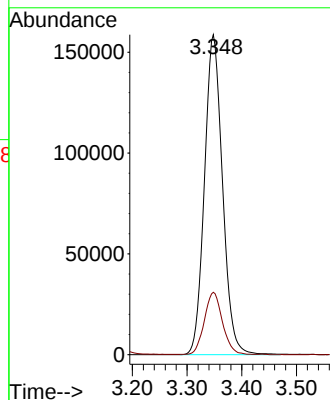
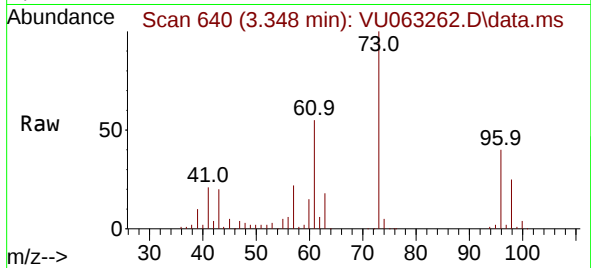
#25
Methyl tert-Butyl Ether
Concen: 10.626 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 73 Resp: 36389
Ion Ratio Lower Upper
73 100
43 19.3 14.9 22.3

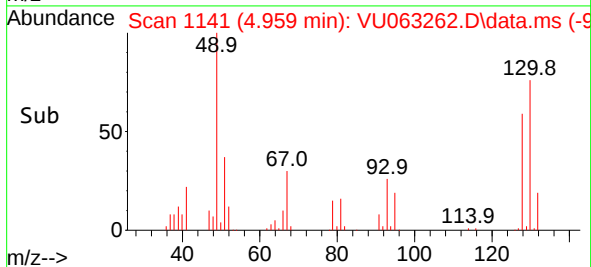
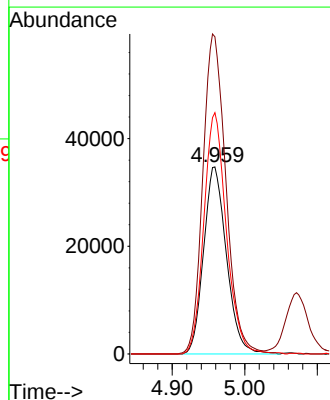
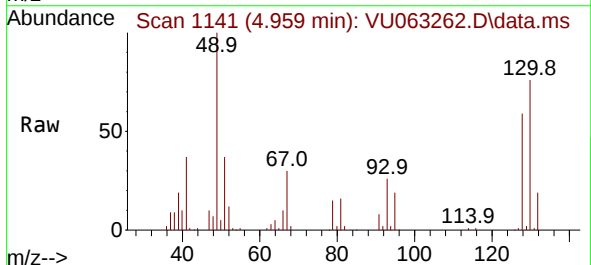
Manual Integrations
APPROVED

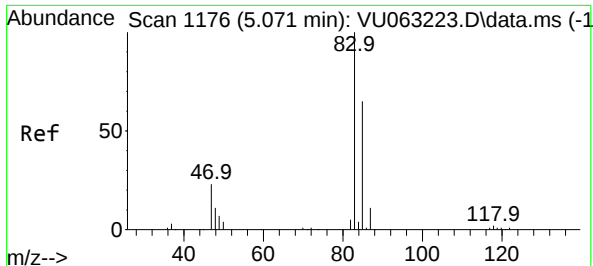
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#26
Bromochloromethane
Concen: 10.298 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Tgt Ion:128 Resp: 76113
Ion Ratio Lower Upper
128 100
49 172.1 0.0 343.4
130 126.7 102.9 154.3





#27

Chloroform

Concen: 10.226 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 304404

Ion Ratio Lower Upper

83 100

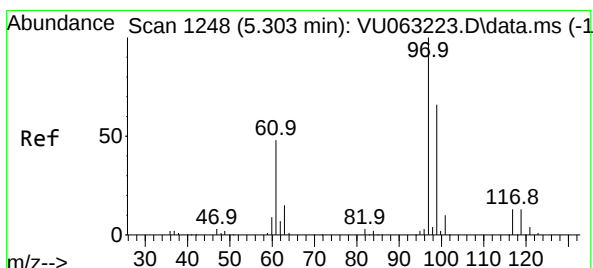
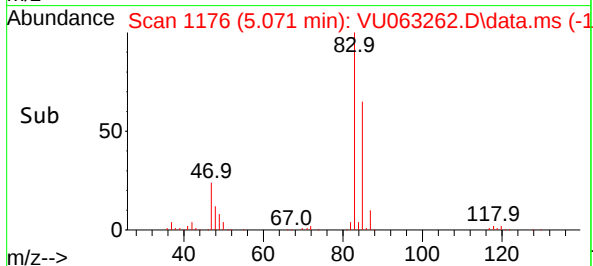
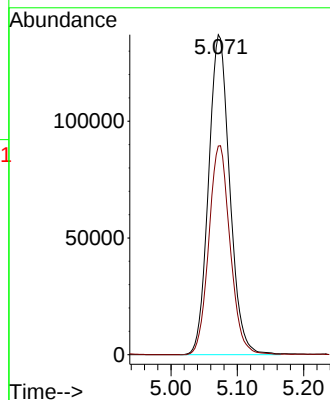
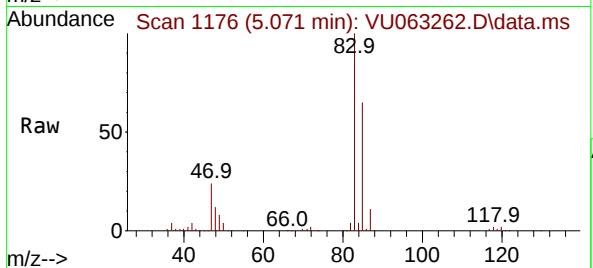
85 65.2 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2025

Supervised By :Semsettin Yesilyurt 02/14/2025



#28

1,1,1-Trichloroethane

Concen: 10.367 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

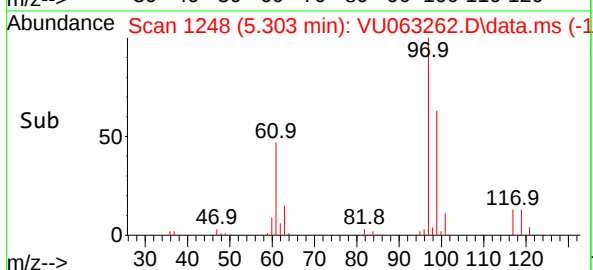
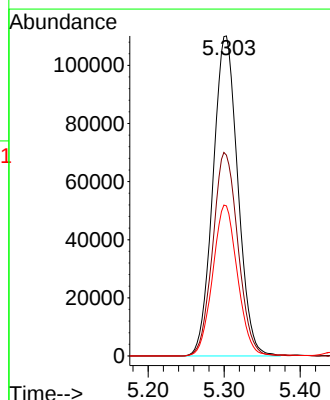
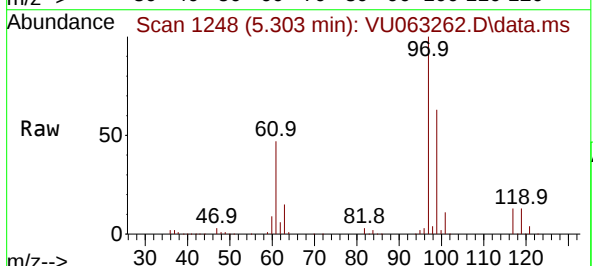
Tgt Ion: 97 Resp: 249979

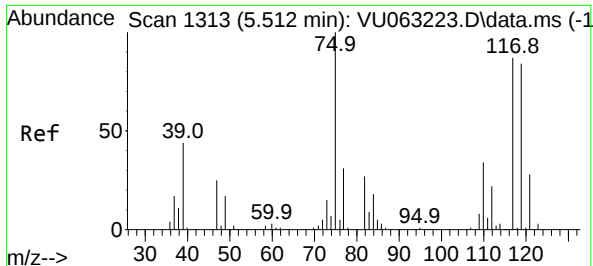
Ion Ratio Lower Upper

97 100

99 64.5 32.4 97.0

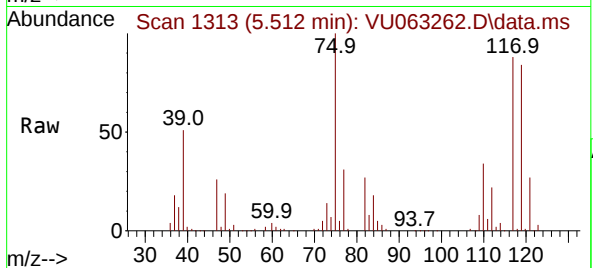
61 47.1 23.8 71.2





#29
1,1-Dichloropropene
Concen: 10.882 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

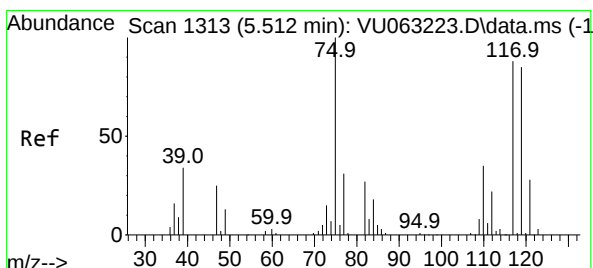
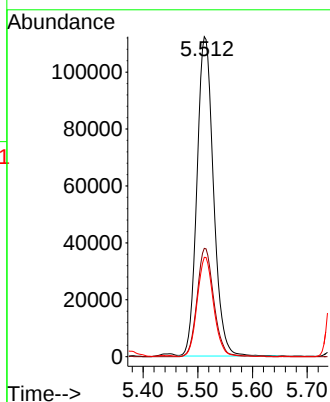
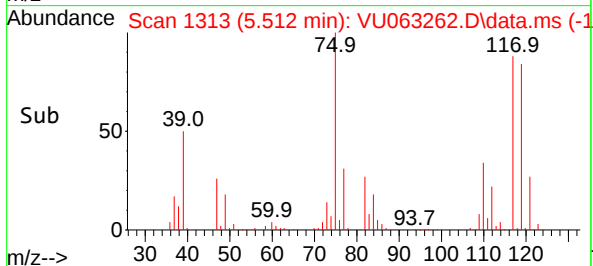
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



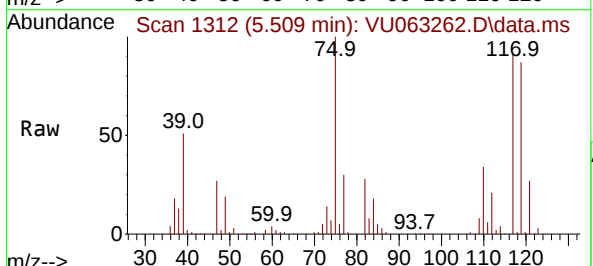
Tgt Ion: 75 Resp: 235028
Ion Ratio Lower Upper
75 100
110 34.3 17.2 51.5
77 30.5 24.6 37.0

Manual Integrations
APPROVED

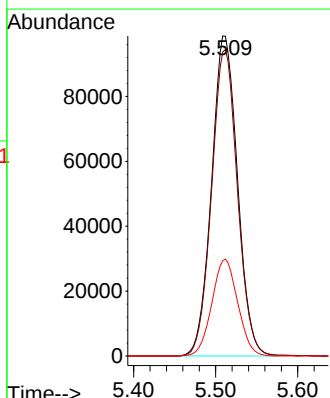
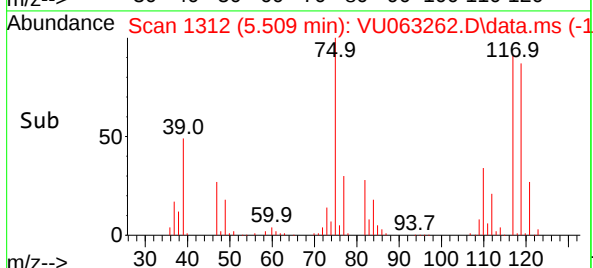
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

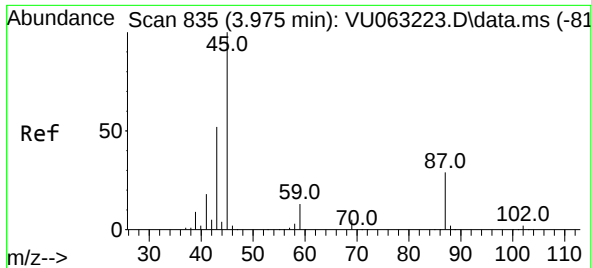


#30
Carbon Tetrachloride
Concen: 10.498 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



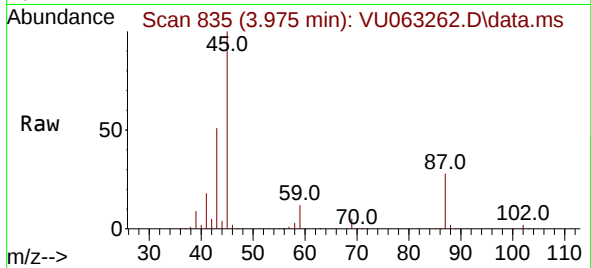
Tgt Ion:117 Resp: 217105
Ion Ratio Lower Upper
117 100
119 94.9 76.7 115.1
121 29.7 25.5 38.3





#31
Isopropyl Ether
Concen: 10.792 ug/l
RT: 3.975 min Scan# 835
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

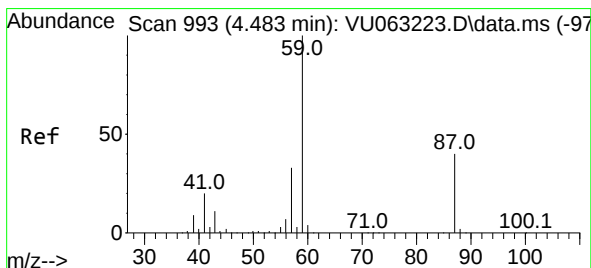
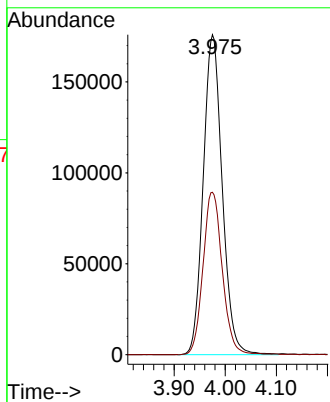
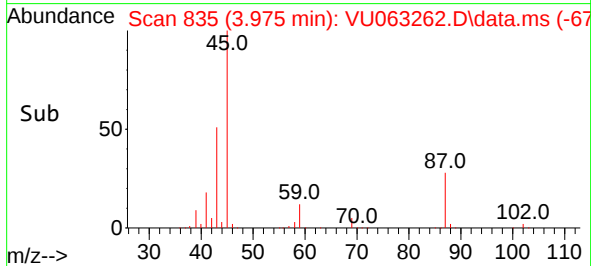
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



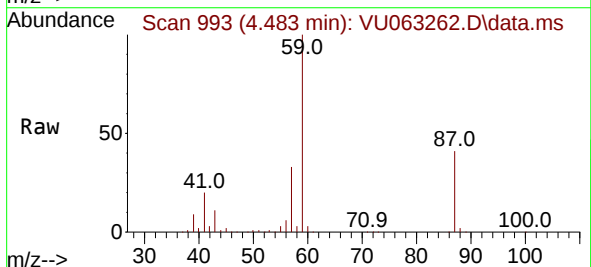
Tgt Ion: 45 Resp: 45445
Ion Ratio Lower Upper
45 100
43 51.4 25.7 77.1

Manual Integrations
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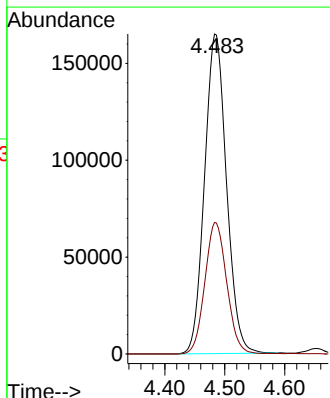
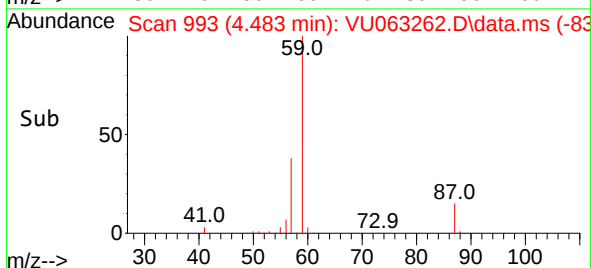
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

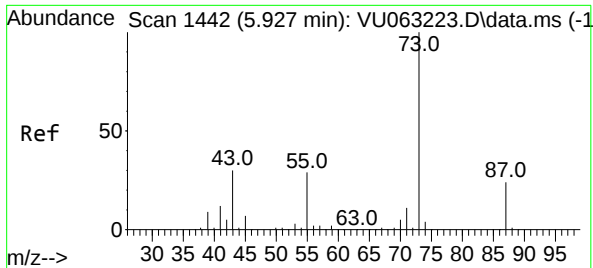


#32
Ethyl-t-butyl ether
Concen: 10.965 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



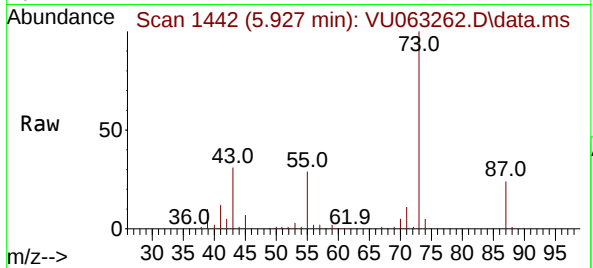
Tgt Ion: 59 Resp: 419919
Ion Ratio Lower Upper
59 100
87 40.7 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 11.169 ug/l
RT: 5.927 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

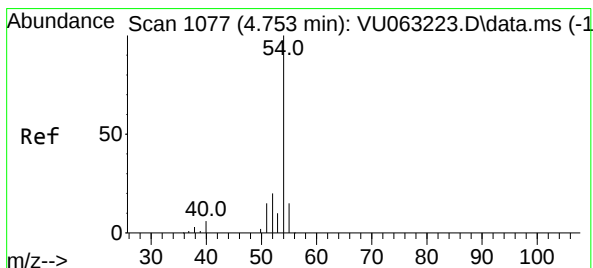
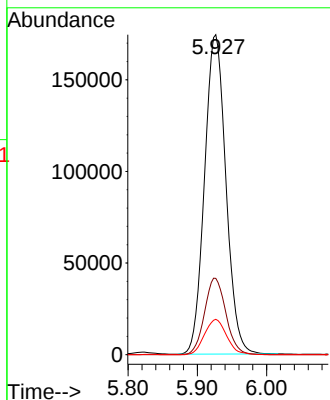
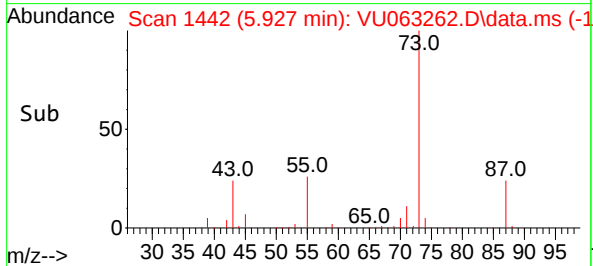
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



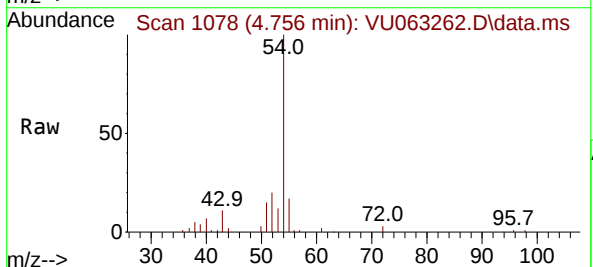
Tgt Ion: 73 Resp: 373708
Ion Ratio Lower Upper
73 100
87 24.0 18.9 28.3
71 11.4 9.0 13.4

Manual Integrations
APPROVED

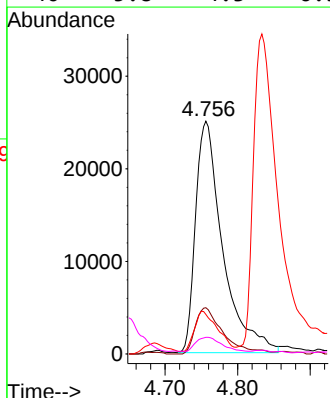
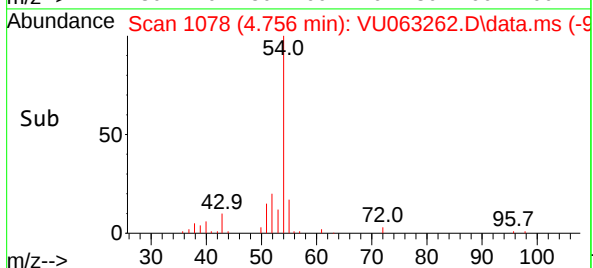
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

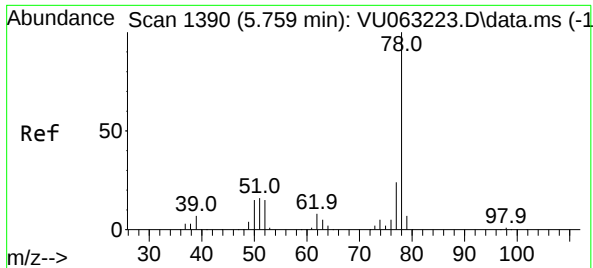


#34
Propionitrile
Concen: 55.852 ug/l
RT: 4.756 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



Tgt Ion: 54 Resp: 65197
Ion Ratio Lower Upper
54 100
52 20.6 16.3 24.5
55 15.8 11.8 17.6
40 5.8 4.3 6.5





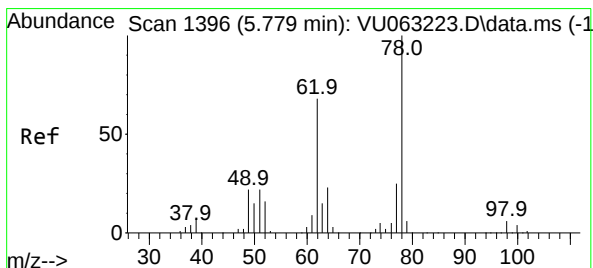
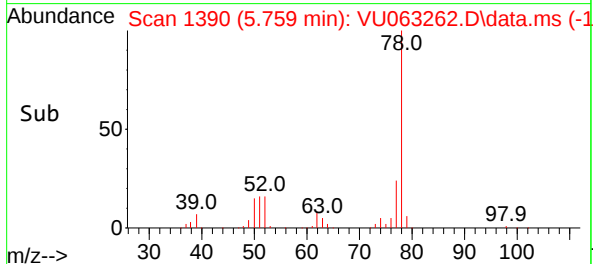
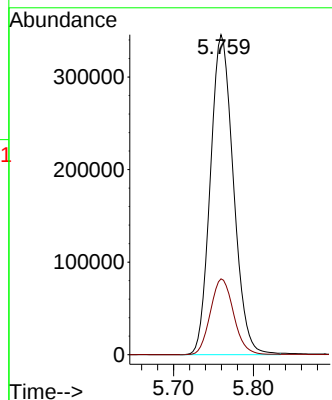
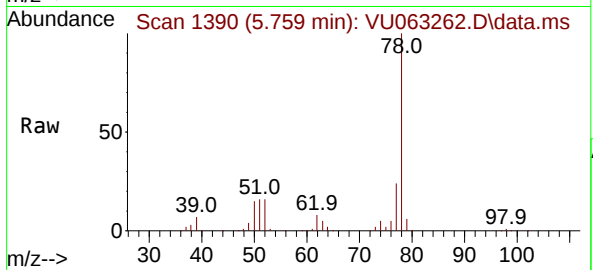
#35
Benzene
Concen: 10.417 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 691804
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

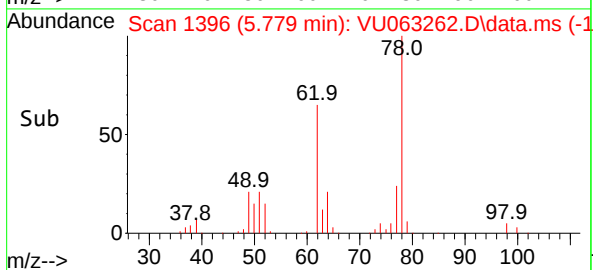
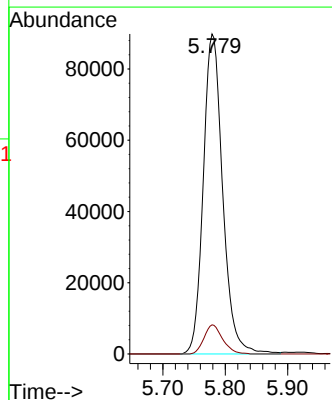
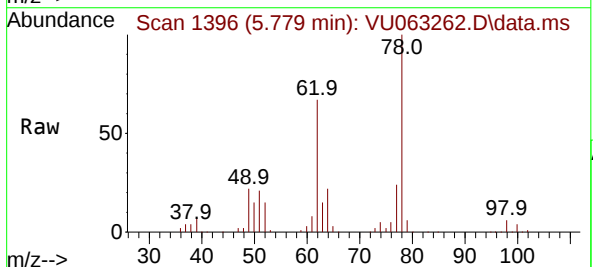
Manual Integrations
APPROVED

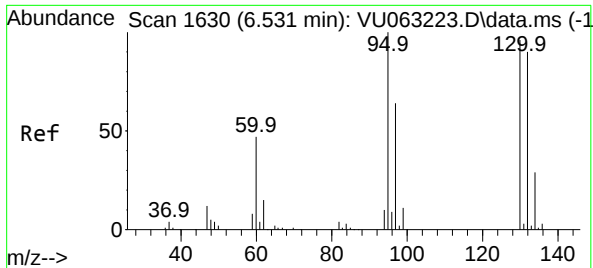
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#36
1,2-Dichloroethane
Concen: 10.147 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

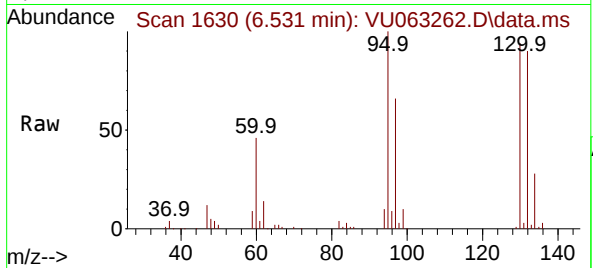
Tgt Ion: 62 Resp: 194480
Ion Ratio Lower Upper
62 100
98 8.7 6.9 10.3





#37
Trichloroethene
Concen: 10.460 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

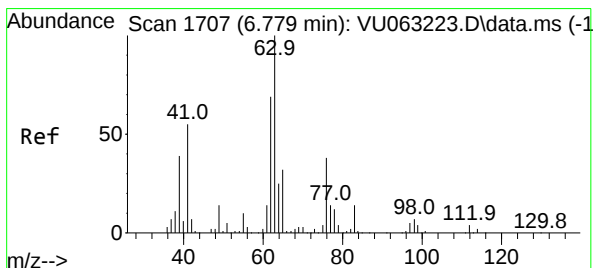
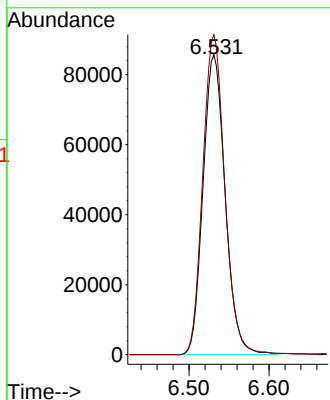
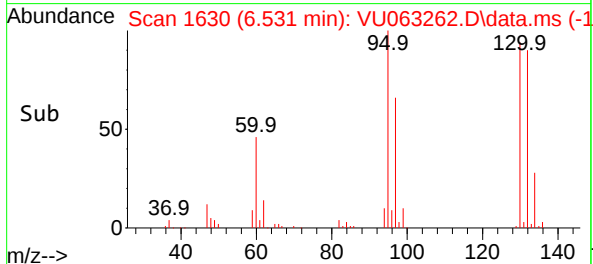
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



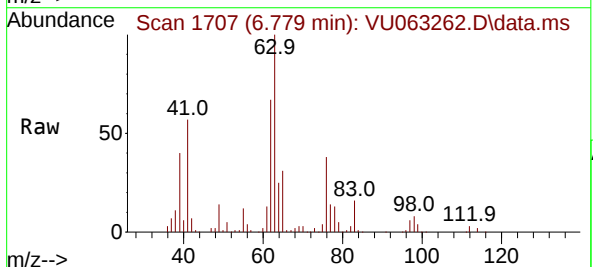
Tgt Ion:130 Resp: 165198
Ion Ratio Lower Upper
130 100
95 106.7 83.2 124.8

Manual Integrations
APPROVED

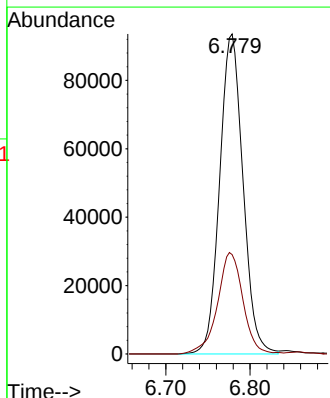
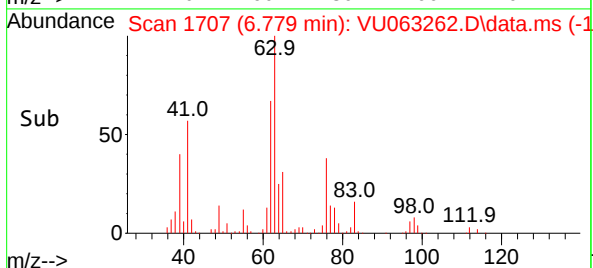
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

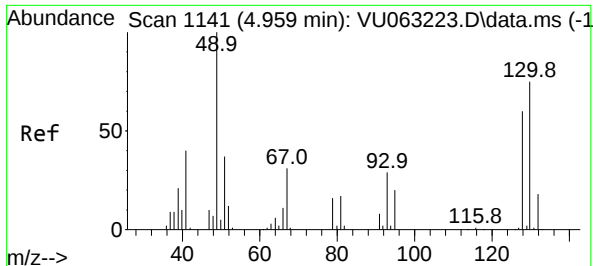


#38
1,2-Dichloropropane
Concen: 10.331 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



Tgt Ion: 63 Resp: 179574
Ion Ratio Lower Upper
63 100
65 31.1 25.3 37.9





#39

Methacrylonitrile

Concen: 11.811 ug/l

RT: 4.959 min Scan# 1141

Delta R.T. 0.000 min

Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 51380

Ion Ratio Lower Upper

41 100

67 84.3 64.5 96.7

39 54.1 43.0 64.6

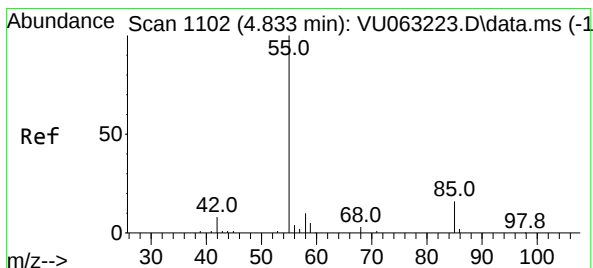
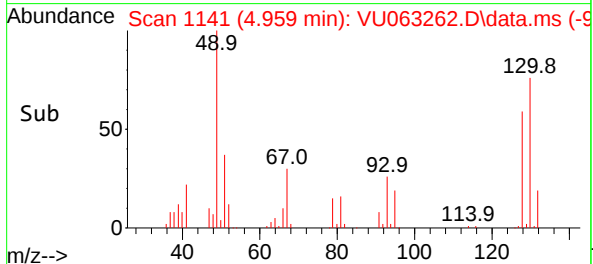
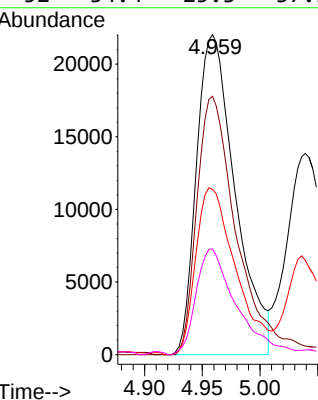
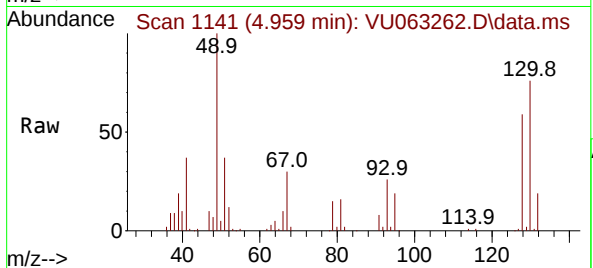
52 34.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2025

Supervised By :Semsettin Yesilyurt 02/14/2025



#40

Methyl acrylate

Concen: 10.826 ug/l

RT: 4.833 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

Tgt Ion: 55 Resp: 86798

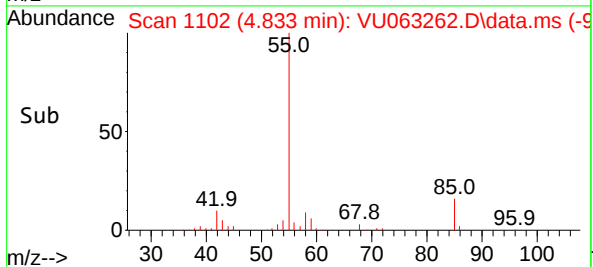
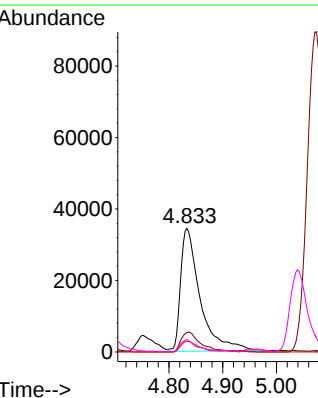
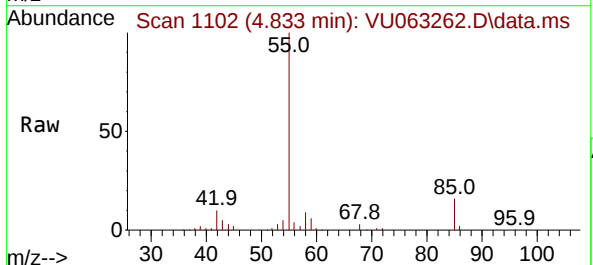
Ion Ratio Lower Upper

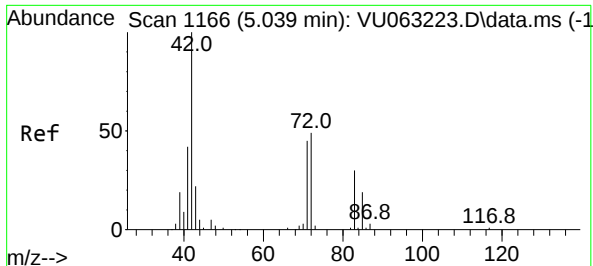
55 100

85 16.3 13.3 19.9

58 7.8 7.3 10.9

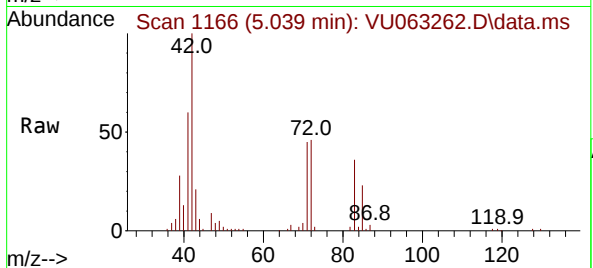
42 8.9 6.9 10.3





#41
Tetrahydrofuran
Concen: 20.669 ug/l
RT: 5.039 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

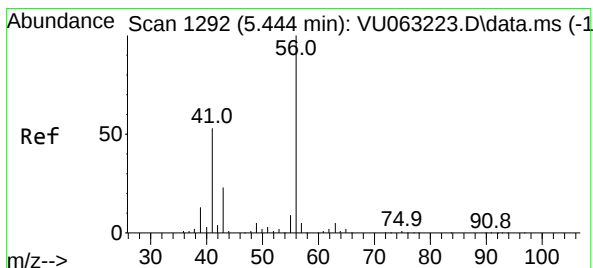
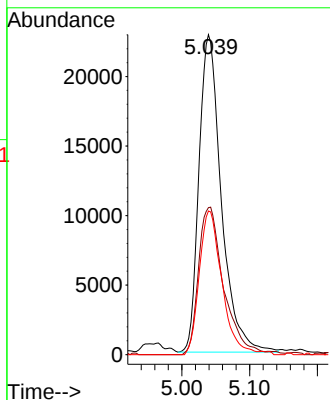
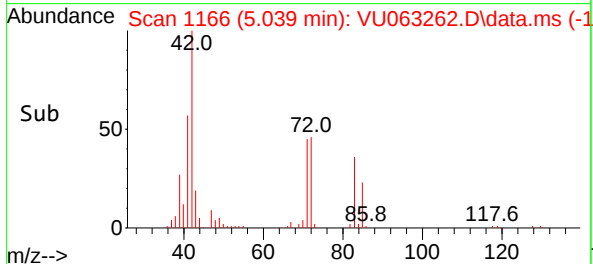
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



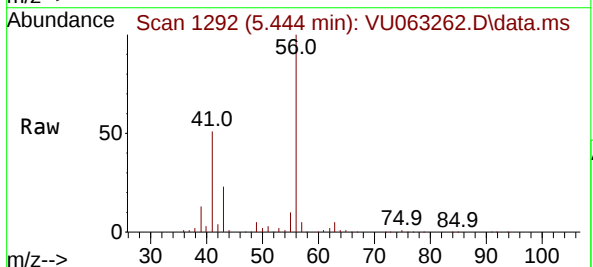
Tgt Ion: 42 Resp: 52290
Ion Ratio Lower Upper
42 100
72 52.0 41.5 62.3
71 45.6 37.2 55.8

Manual Integrations
APPROVED

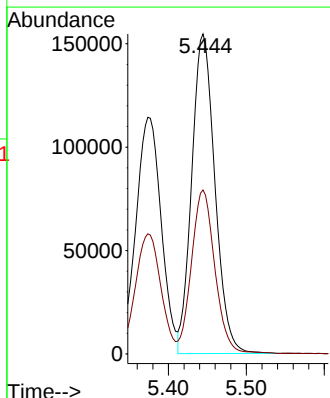
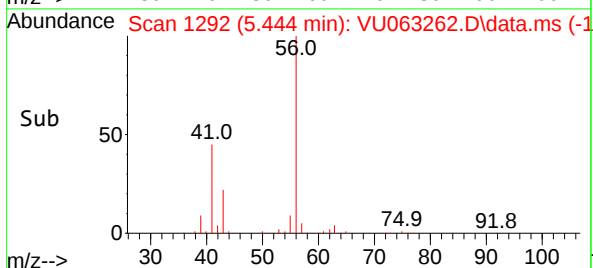
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

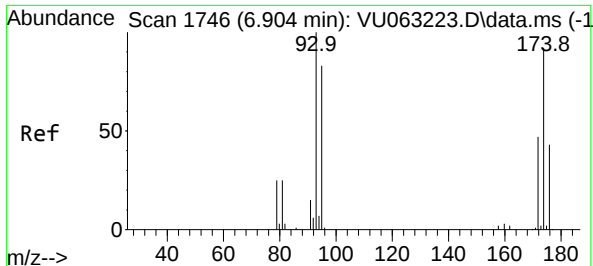


#42
1-Chlorobutane
Concen: 10.786 ug/l
RT: 5.444 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



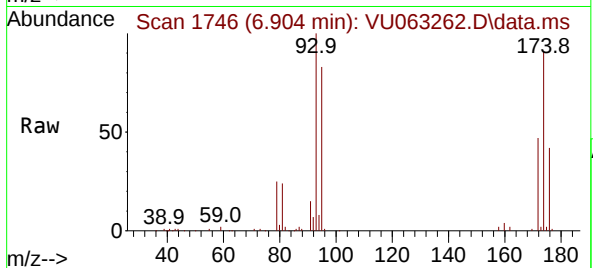
Tgt Ion: 56 Resp: 318733
Ion Ratio Lower Upper
56 100
41 52.1 26.3 78.8





#43
Dibromomethane
Concen: 10.154 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

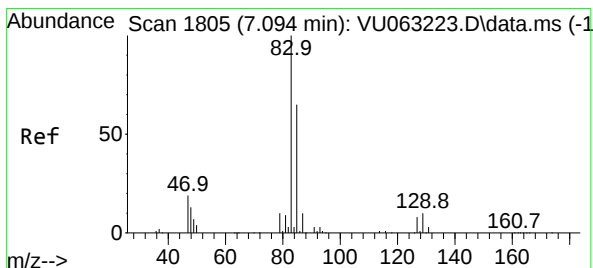
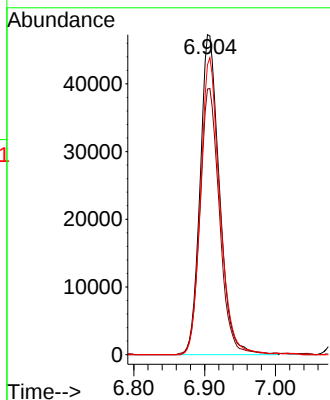
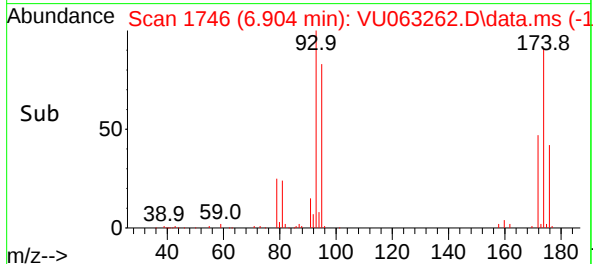
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



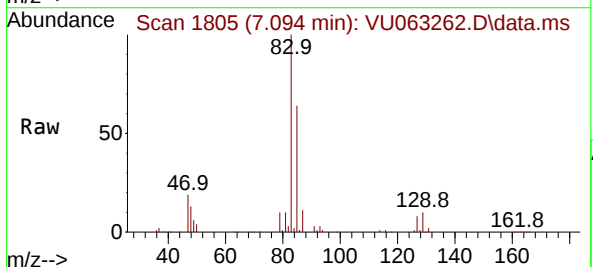
Tgt Ion: 93 Resp: 89368
Ion Ratio Lower Upper
93 100
95 83.7 67.2 100.8
174 92.7 75.7 113.5

Manual Integrations
APPROVED

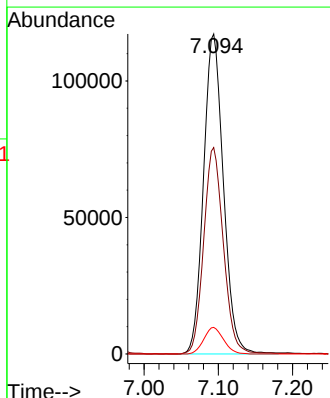
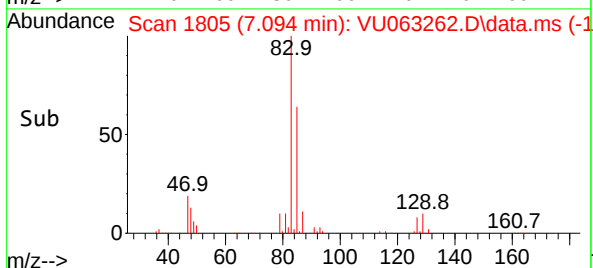
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

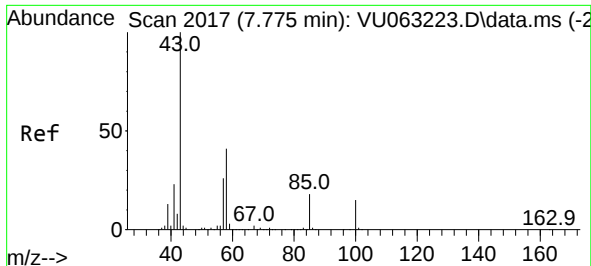


#44
Bromodichloromethane
Concen: 10.646 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



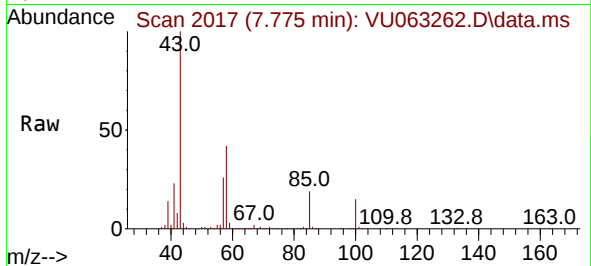
Tgt Ion: 83 Resp: 218078
Ion Ratio Lower Upper
83 100
85 64.5 51.7 77.5
127 8.3 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 55.115 ug/l
RT: 7.775 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

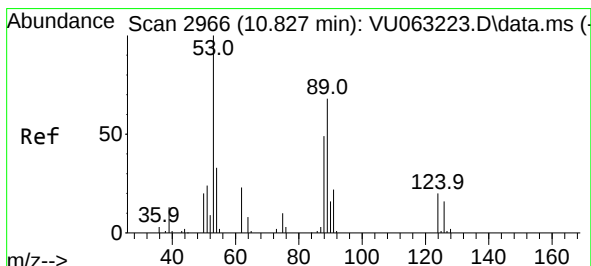
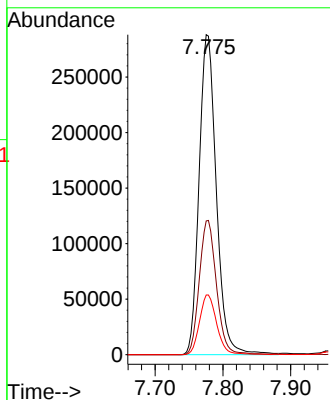
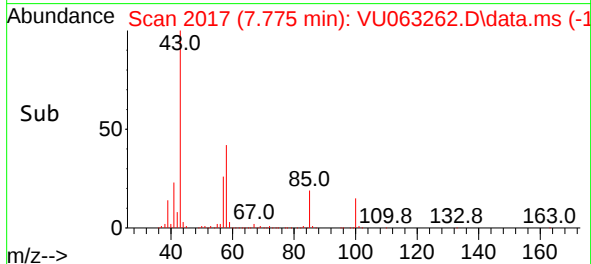
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 50856
Ion Ratio Lower Upper
43 100
58 41.8 20.8 62.5
85 18.7 14.8 22.2

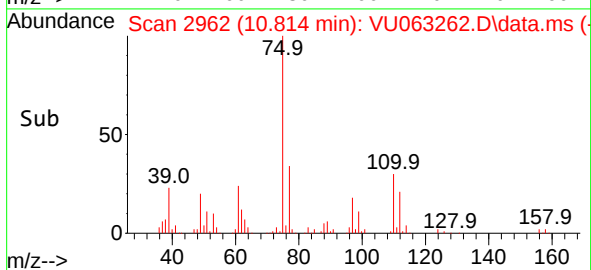
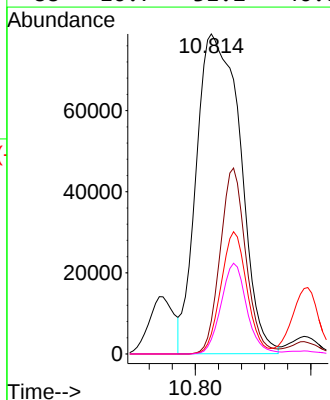
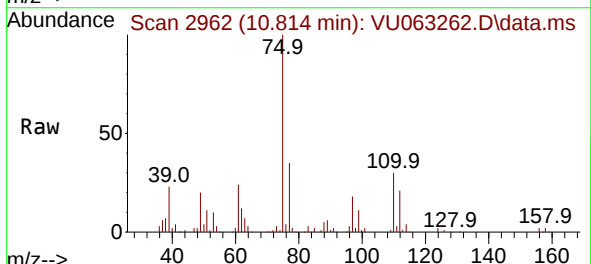
Manual Integrations
APPROVED

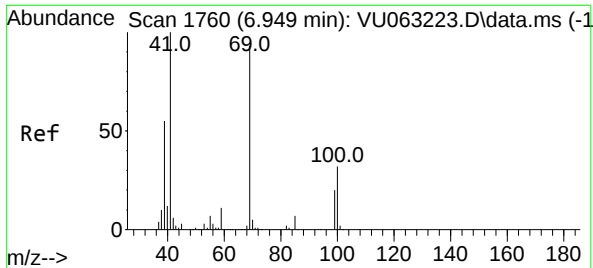
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#46
t-1,4-Dichloro-2-butene
Concen: 47.833 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.013 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

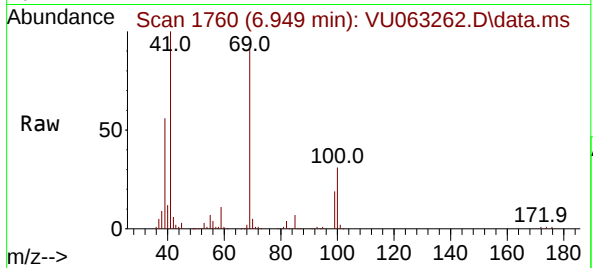
Tgt Ion: 75 Resp: 207484
Ion Ratio Lower Upper
75 100
53 34.3 64.5 96.7#
89 22.8 43.4 65.2#
88 16.7 31.2 46.8#





#47
Methyl methacrylate
Concen: 22.854 ug/l
RT: 6.949 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

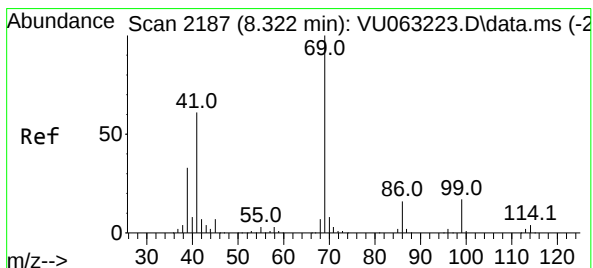
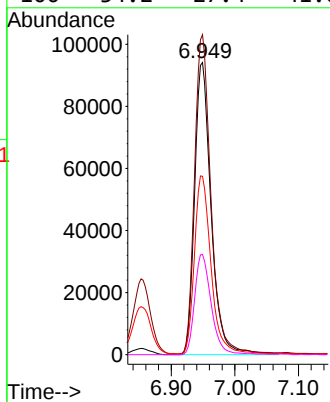
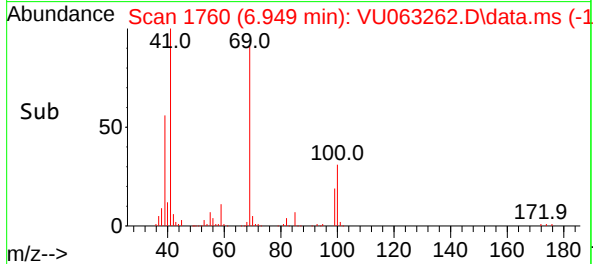
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 169420
Ion Ratio Lower Upper
69 100
41 108.5 0.0 217.0
39 61.3 47.7 71.5
100 34.2 27.4 41.0

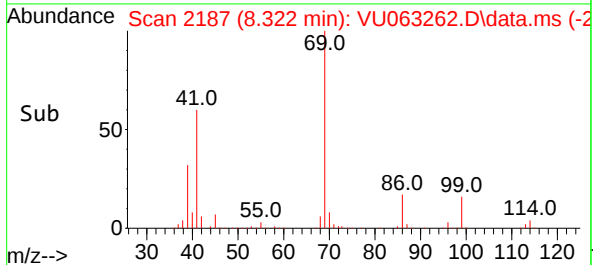
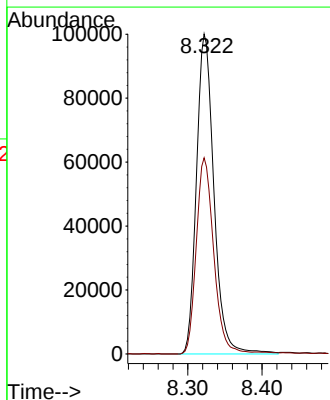
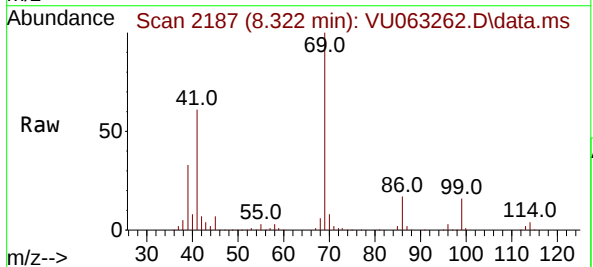
Manual Integrations
APPROVED

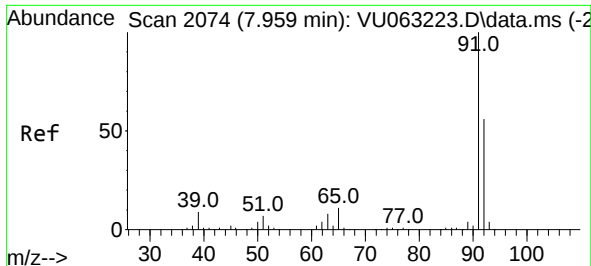
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#48
Ethyl methacrylate
Concen: 11.777 ug/l
RT: 8.322 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

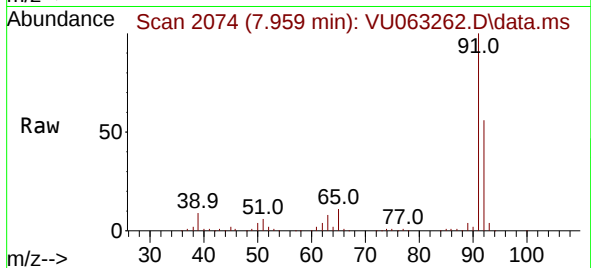
Tgt Ion: 69 Resp: 163932
Ion Ratio Lower Upper
69 100
41 61.1 30.6 92.0





#49
Toluene
Concen: 11.073 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

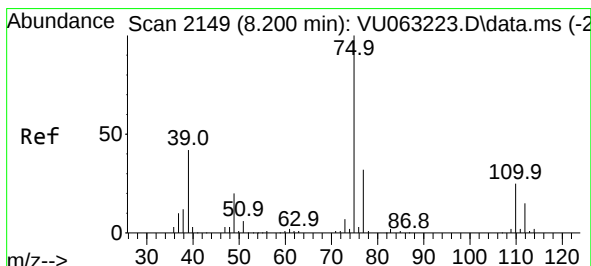
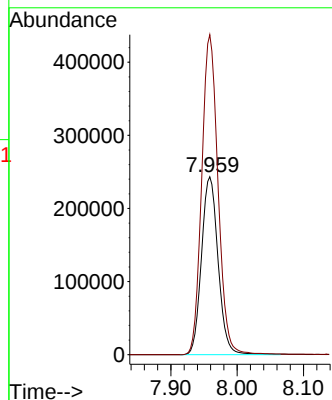
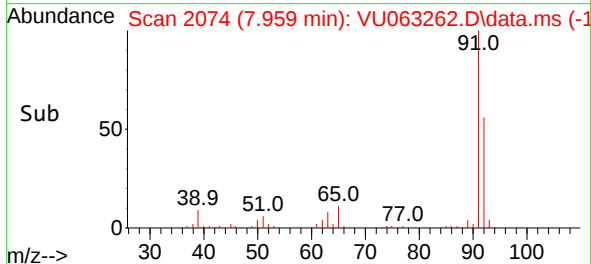
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



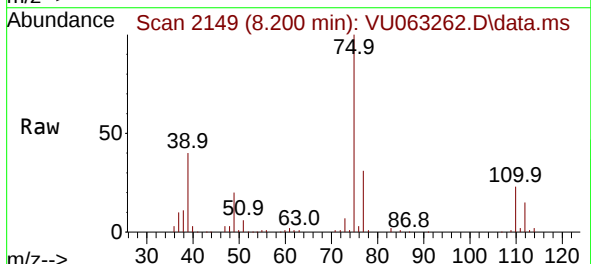
Tgt Ion: 92 Resp: 42288
Ion Ratio Lower Upper
92 100
91 177.1 141.8 212.6

Manual Integrations
APPROVED

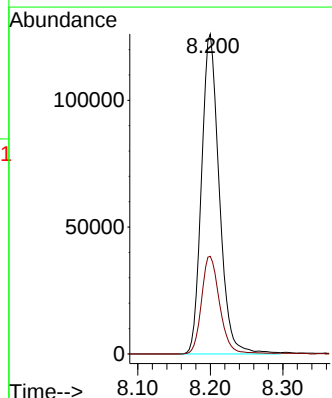
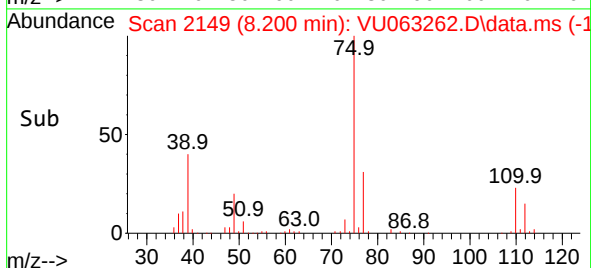
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

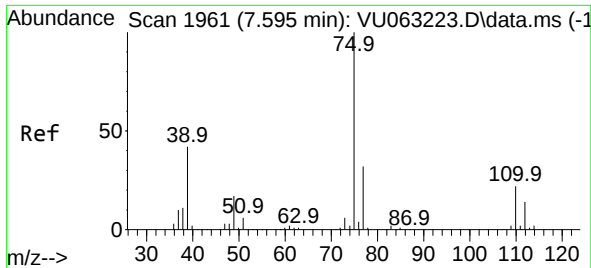


#50
t-1,3-Dichloropropene
Concen: 11.433 ug/l
RT: 8.200 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



Tgt Ion: 75 Resp: 214427
Ion Ratio Lower Upper
75 100
77 30.5 25.9 38.9





#51
 cis-1,3-Dichloropropene
 Concen: 10.974 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VU063262.D
 Acq: 13 Feb 2025 08:36

Instrument :

MSVOA_U

ClientSampleId :

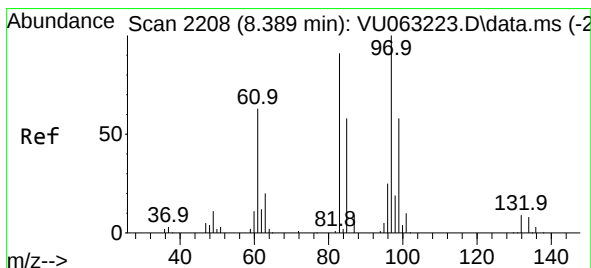
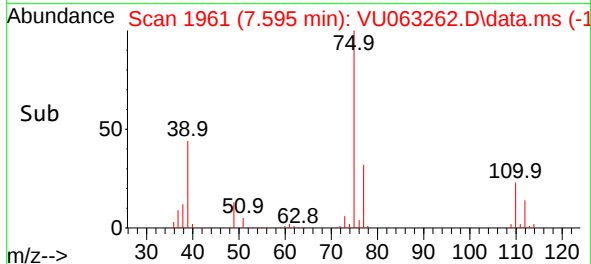
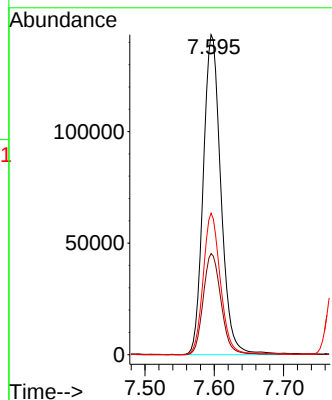
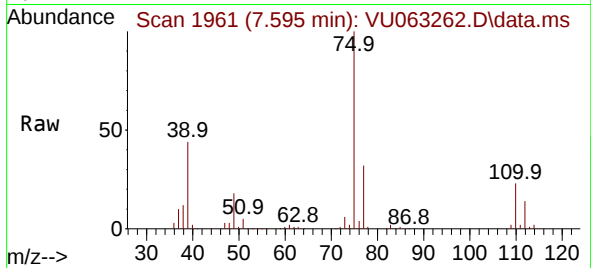
VSTDCCC010

Tgt Ion: 75 Resp: 25423
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 44.2 33.5 50.3

Manual Integrations

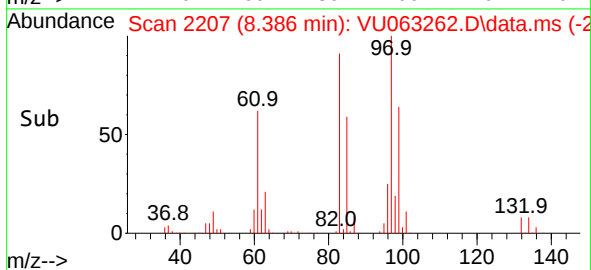
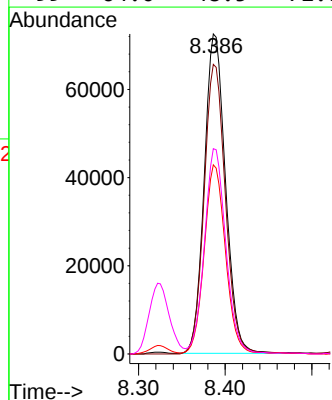
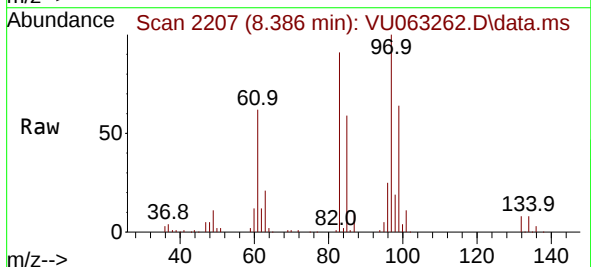
APPROVED

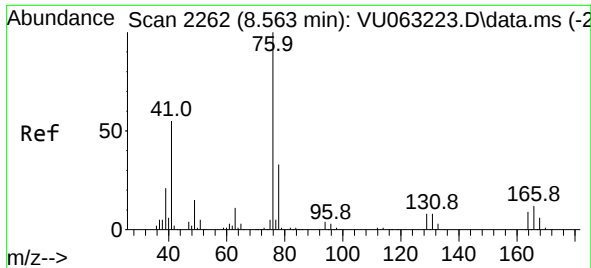
Reviewed By :Mahesh Dadoda 02/14/2025
 Supervised By :Semsettin Yesilyurt 02/14/2025



#52
 1,1,2-Trichloroethane
 Concen: 10.409 ug/l
 RT: 8.386 min Scan# 2207
 Delta R.T. -0.003 min
 Lab File: VU063262.D
 Acq: 13 Feb 2025 08:36

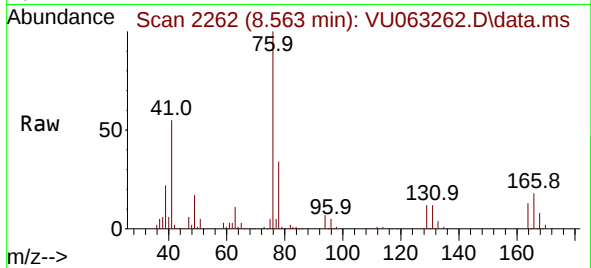
Tgt Ion: 97 Resp: 123518
 Ion Ratio Lower Upper
 97 100
 83 90.7 73.0 109.4
 85 58.9 46.3 69.5
 99 64.0 48.5 72.7





#53
1,3-Dichloropropane
Concen: 10.448 ug/l
RT: 8.563 min Scan# 2262
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

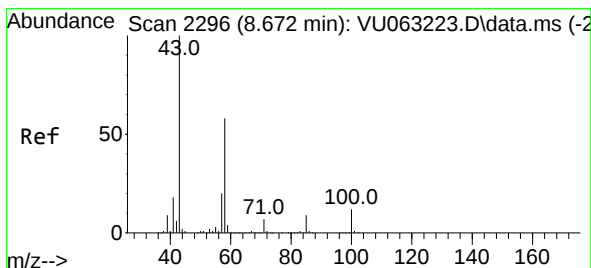
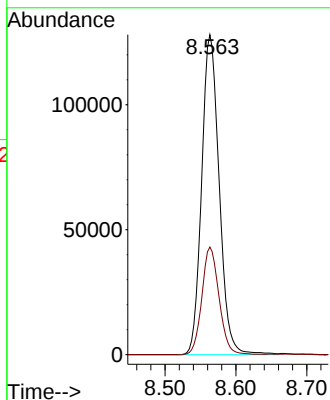
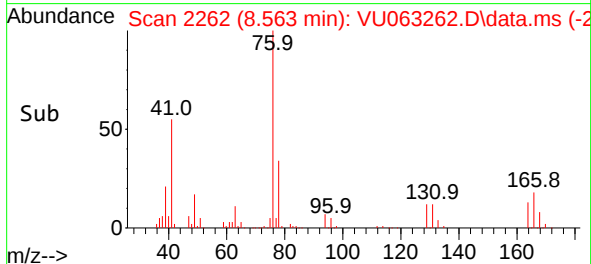
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



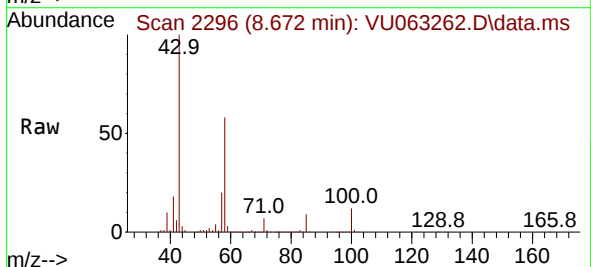
Tgt Ion: 76 Resp: 22010
Ion Ratio Lower Upper
76 100
78 33.0 26.3 39.5

Manual Integrations
APPROVED

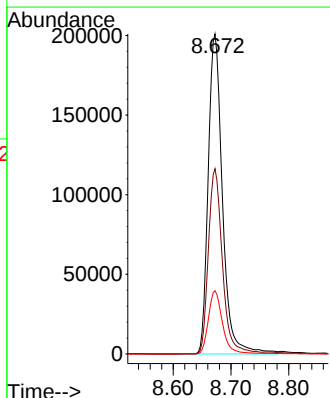
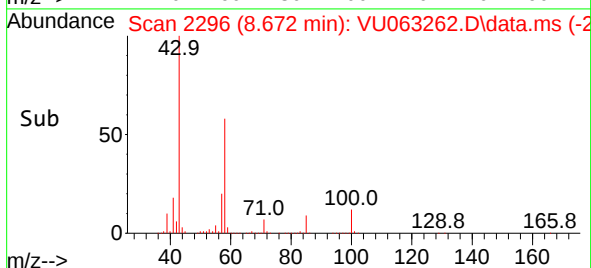
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

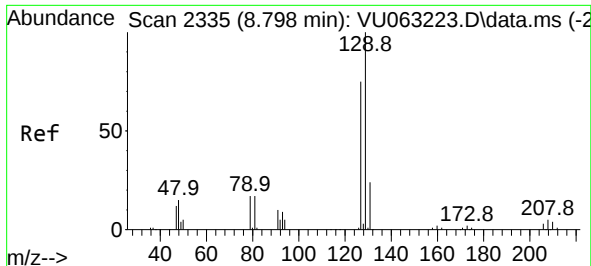


#54
2-Hexanone
Concen: 54.661 ug/l
RT: 8.672 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



Tgt Ion: 43 Resp: 344198
Ion Ratio Lower Upper
43 100
58 56.9 38.0 78.0
57 19.6 0.0 39.1





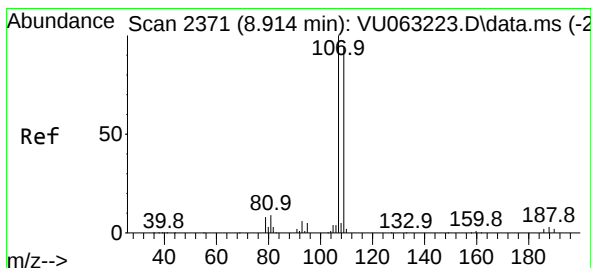
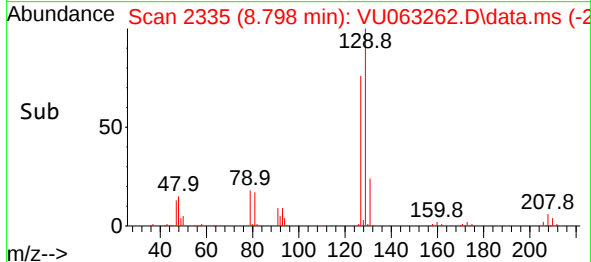
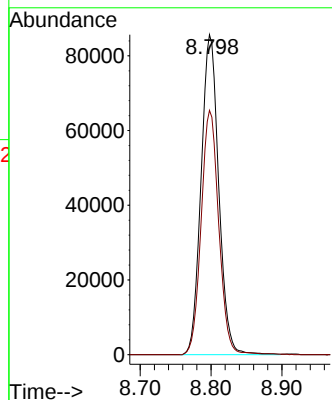
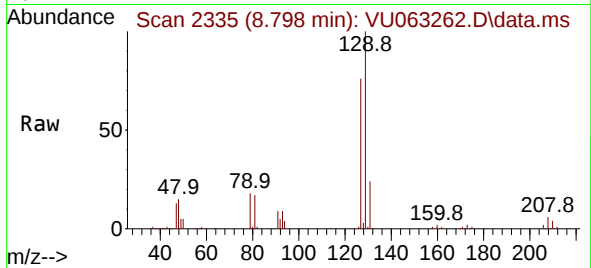
#55
Dibromochloromethane
Concen: 10.851 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:129 Resp: 14814
Ion Ratio Lower Upper
129 100
127 76.3 60.4 90.6

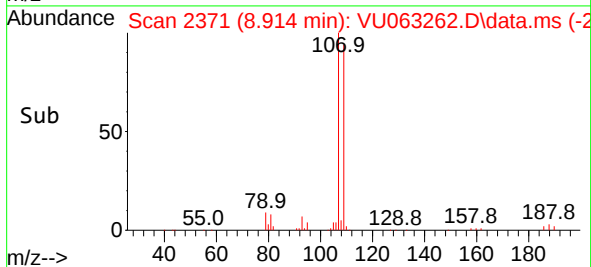
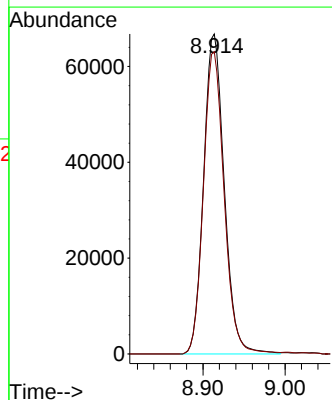
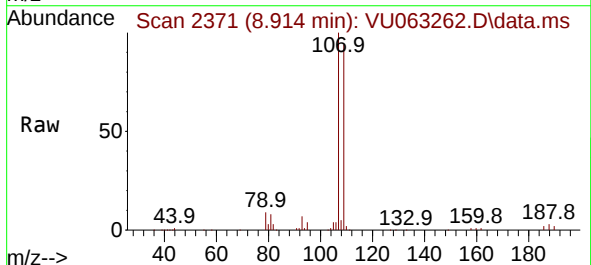
Manual Integrations
APPROVED

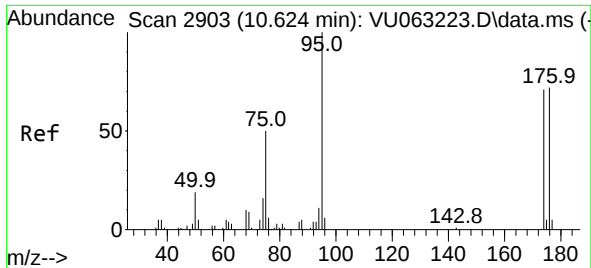
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#56
1,2-Dibromoethane
Concen: 10.494 ug/l
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

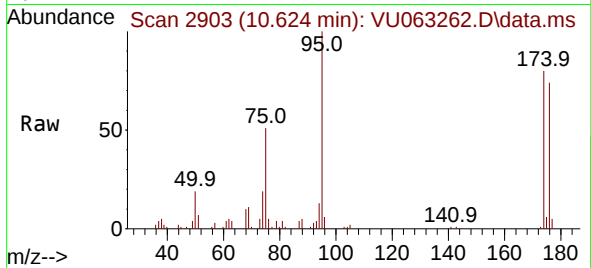
Tgt Ion:107 Resp: 116797
Ion Ratio Lower Upper
107 100
109 94.9 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 1.288 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

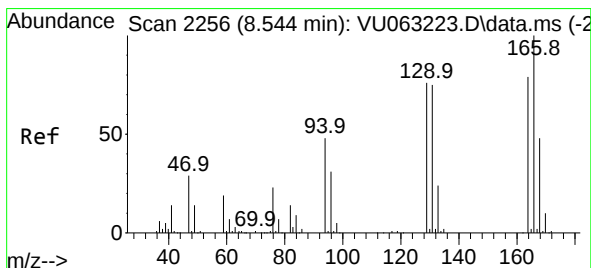
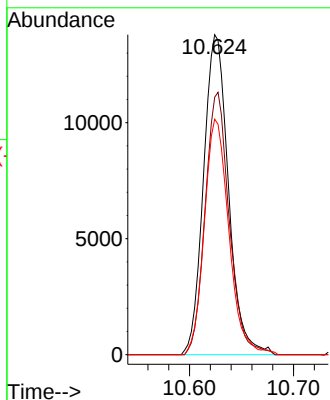
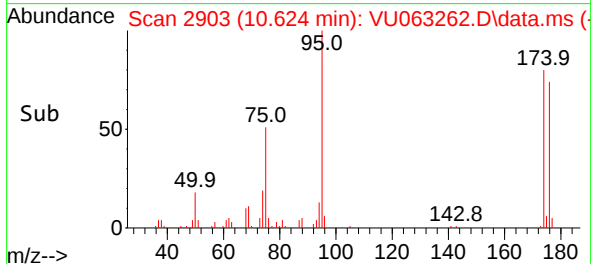
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



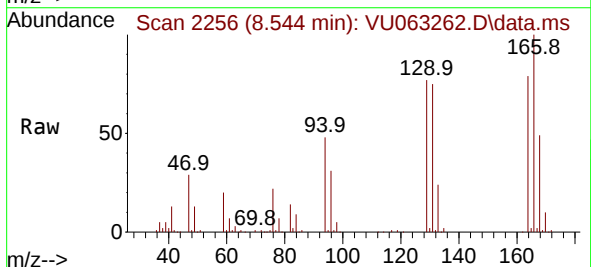
Tgt Ion: 95 Resp: 2296
Ion Ratio Lower Upper
95 100
174 79.7 58.6 88.0
176 72.7 58.2 87.4

Manual Integrations
APPROVED

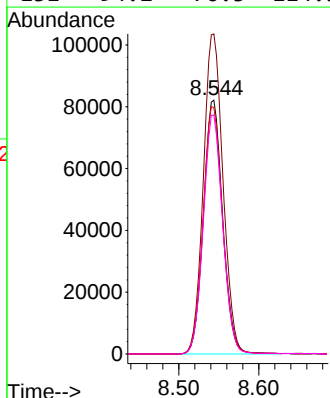
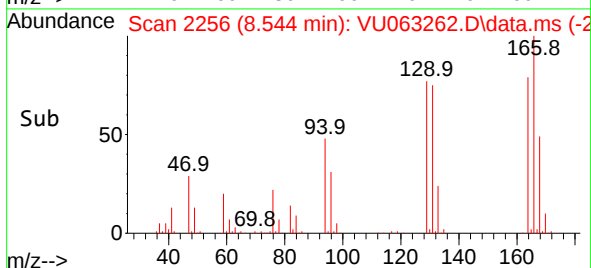
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

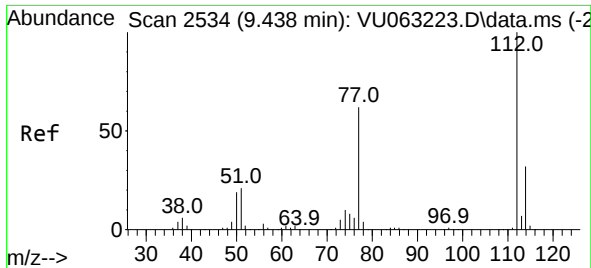


#58
Tetrachloroethene
Concen: 10.612 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



Tgt Ion:164 Resp: 138117
Ion Ratio Lower Upper
164 100
166 126.1 101.4 152.0
129 97.1 77.0 115.4
131 94.2 76.3 114.5





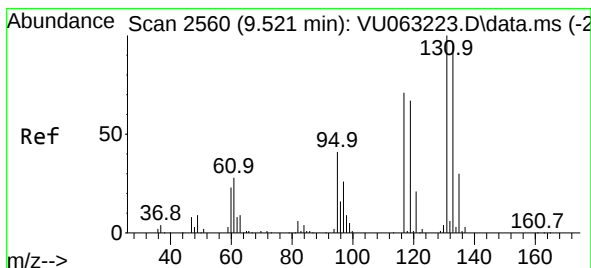
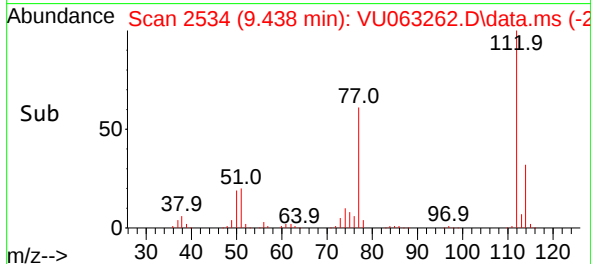
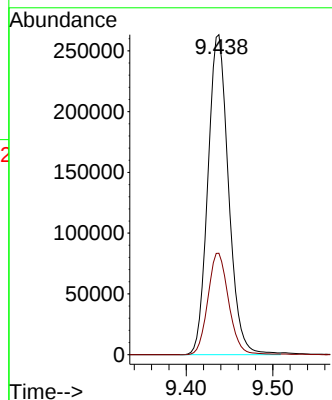
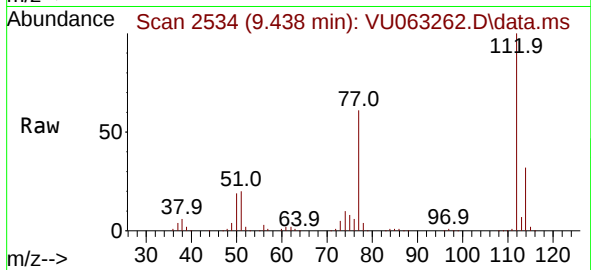
#59
Chlorobenzene
Concen: 10.822 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 43613
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

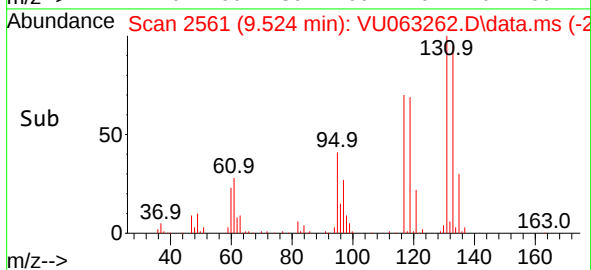
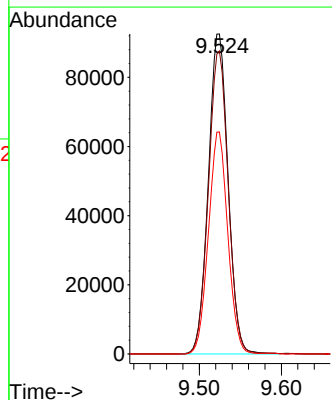
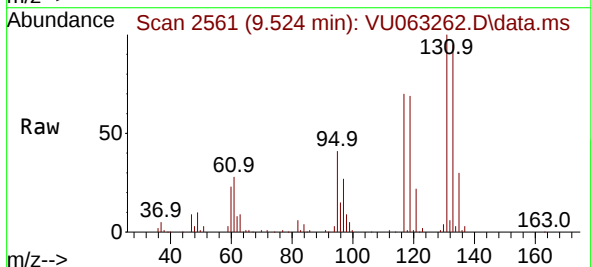
Manual Integrations
APPROVED

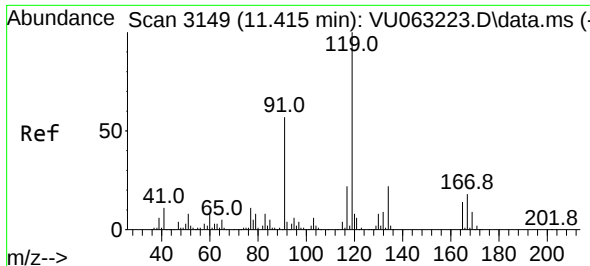
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 10.720 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

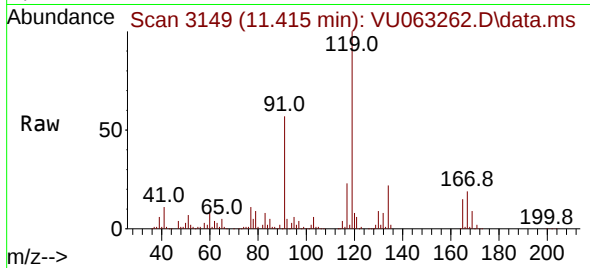
Tgt Ion:131 Resp: 155286
Ion Ratio Lower Upper
131 100
133 95.1 76.7 115.1
119 68.0 54.4 81.6





#61
Pentachloroethane
Concen: 10.465 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

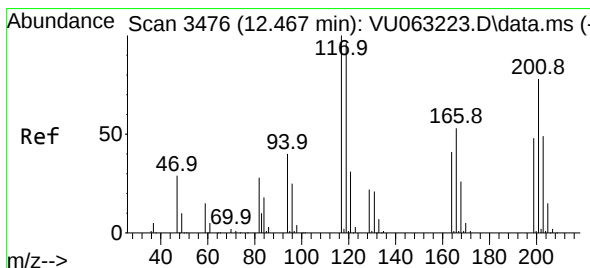
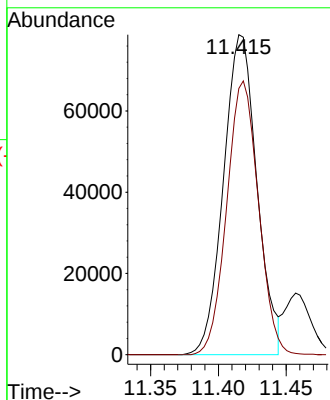
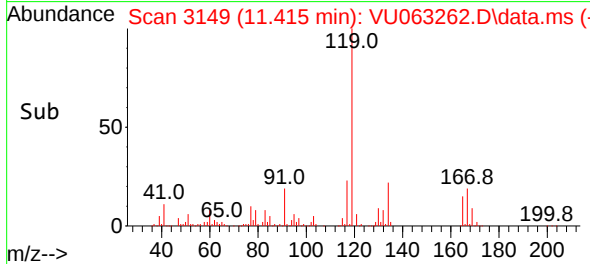
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



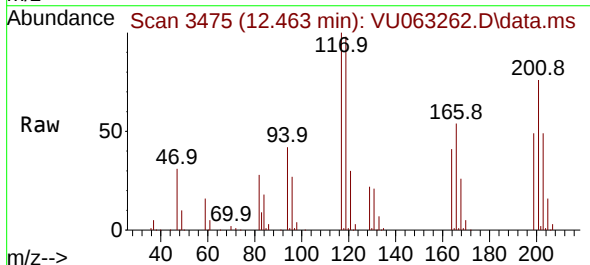
Tgt Ion:117 Resp: 135420
Ion Ratio Lower Upper
117 100
167 81.0 65.0 97.6

Manual Integrations
APPROVED

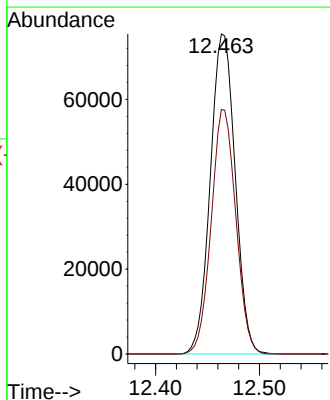
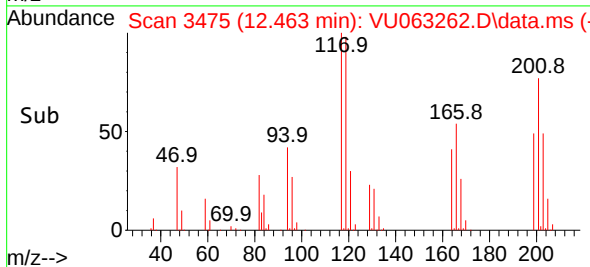
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

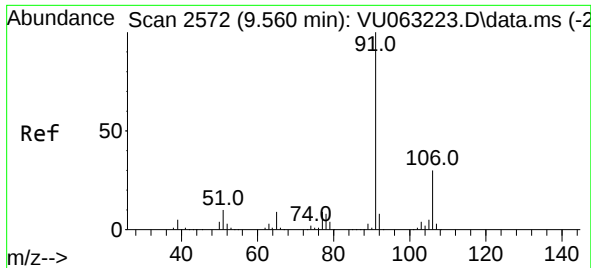


#62
Hexachloroethane
Concen: 10.970 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



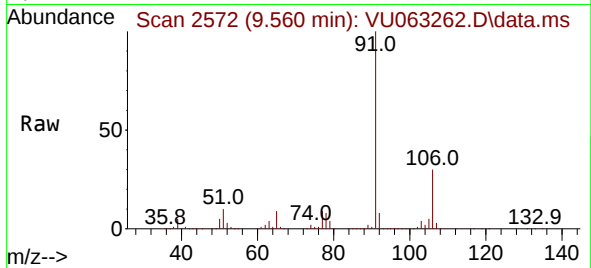
Tgt Ion:117 Resp: 125589
Ion Ratio Lower Upper
117 100
201 75.4 61.3 91.9





#63
Ethyl Benzene
Concen: 11.412 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

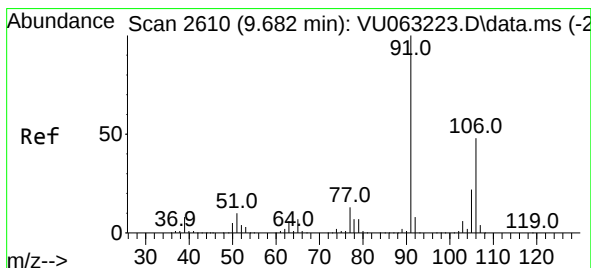
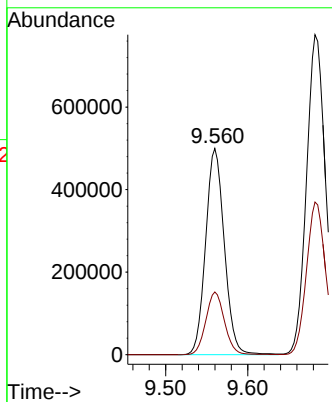
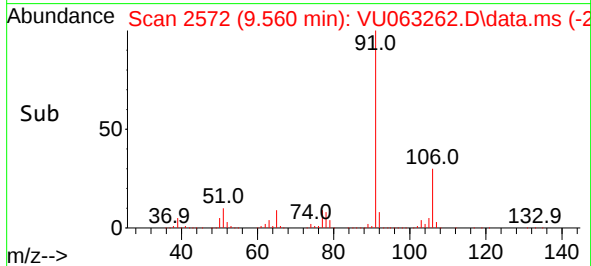
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



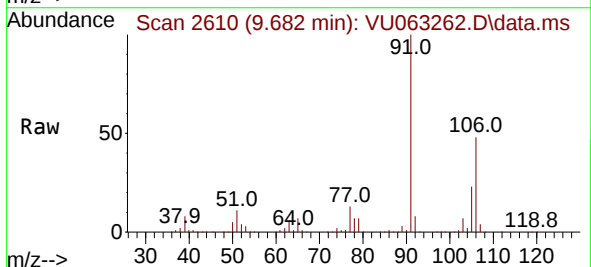
Tgt Ion: 91 Resp: 793194
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2

Manual Integrations
APPROVED

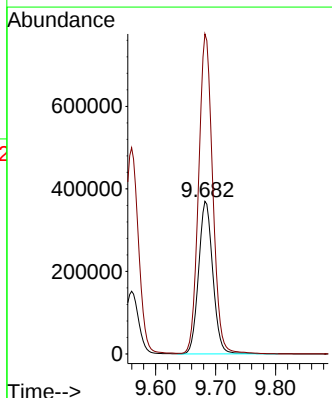
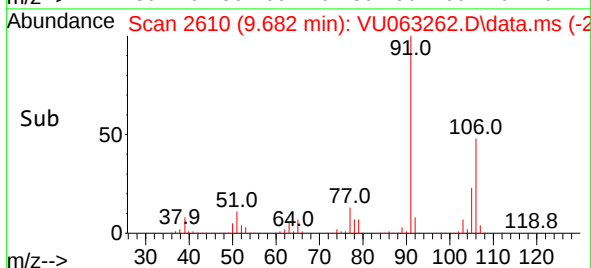
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

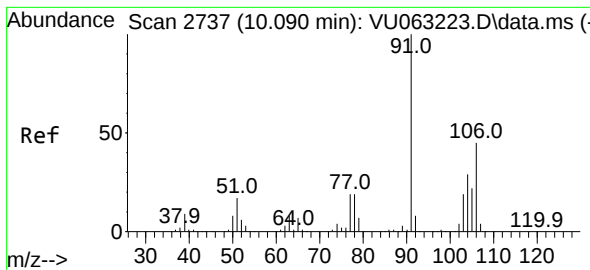


#64
m/p-Xylenes
Concen: 23.502 ug/l
RT: 9.682 min Scan# 2610
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



Tgt Ion:106 Resp: 610169
Ion Ratio Lower Upper
106 100
91 208.3 166.9 250.3





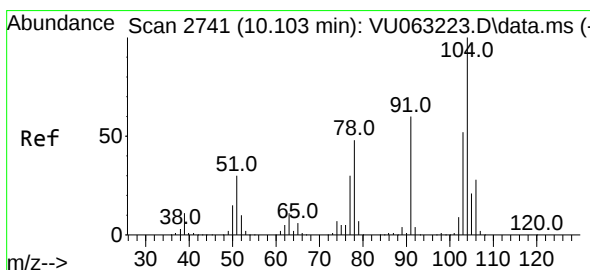
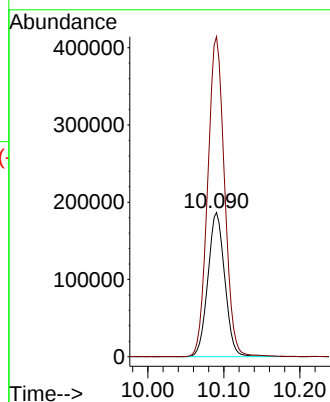
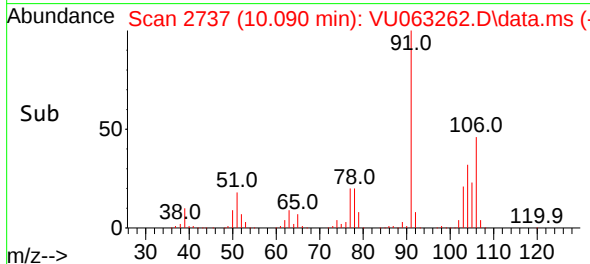
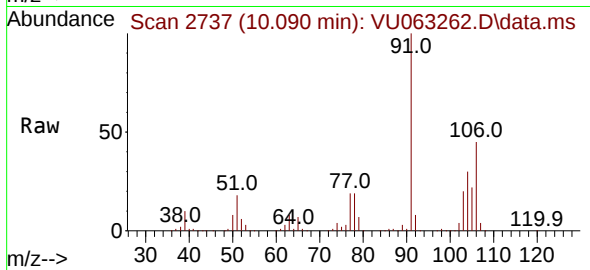
#65
o-Xylene
Concen: 11.342 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 288272
Ion Ratio Lower Upper
106 100
91 221.5 110.9 332.9

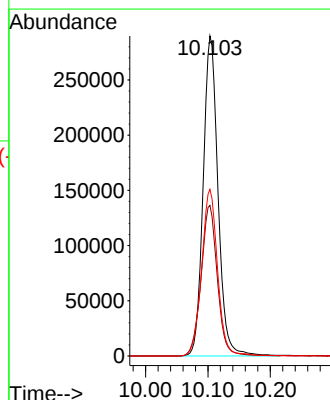
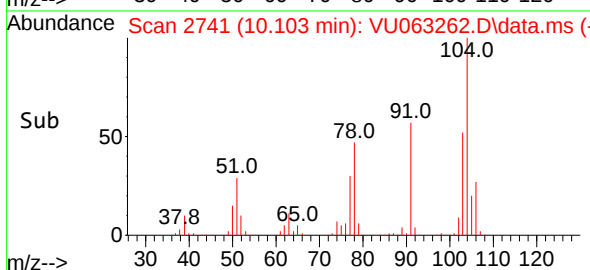
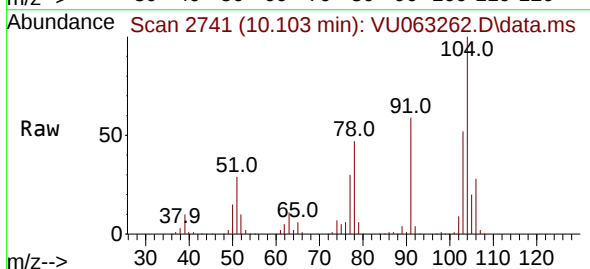
Manual Integrations
APPROVED

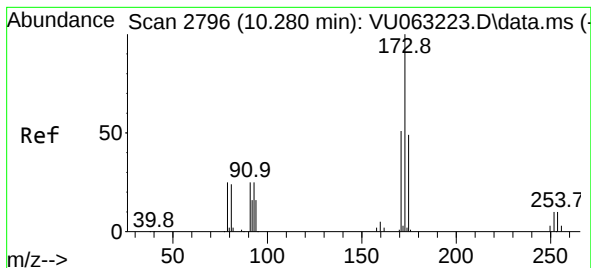
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#66
Styrene
Concen: 11.887 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Tgt Ion:104 Resp: 480803
Ion Ratio Lower Upper
104 100
78 51.0 41.2 61.8
103 55.8 44.8 67.2





#67

Bromoform

Concen: 10.863 ug/l

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

Instrument :

MSVOA_U

ClientSampleId :

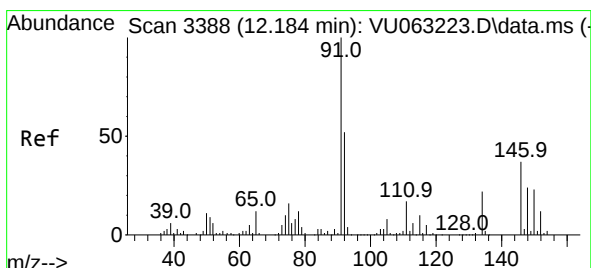
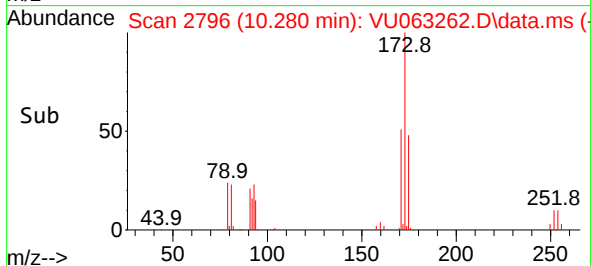
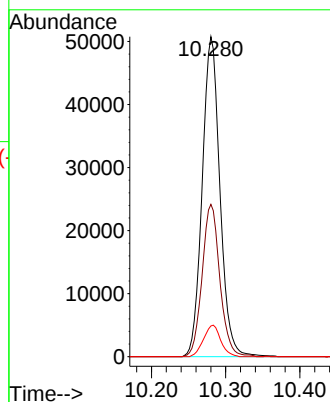
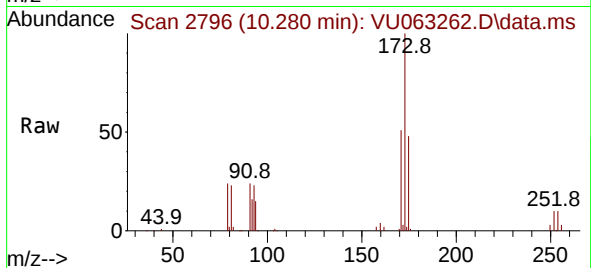
VSTDCCC010

Tgt Ion:173 Resp: 84170
 Ion Ratio Lower Upper
 173 100
 175 47.6 39.0 58.4
 254 9.5 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2025
 Supervised By :Semsettin Yesilyurt 02/14/2025



#68

1,2-Dichlorobenzene-d4

Concen: 1.057 ug/l

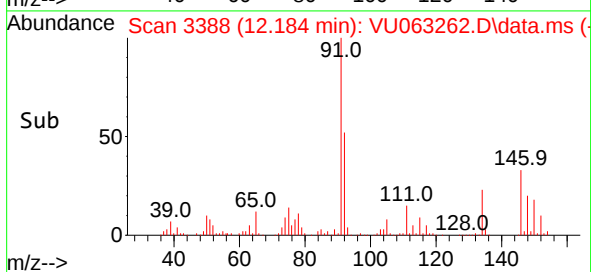
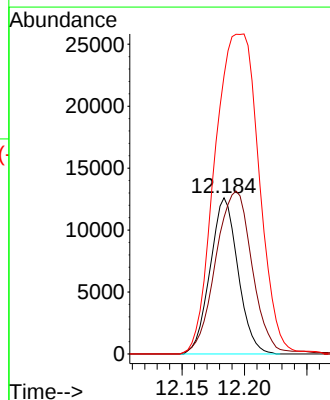
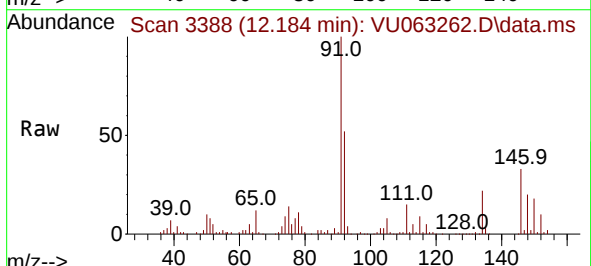
RT: 12.184 min Scan# 3388

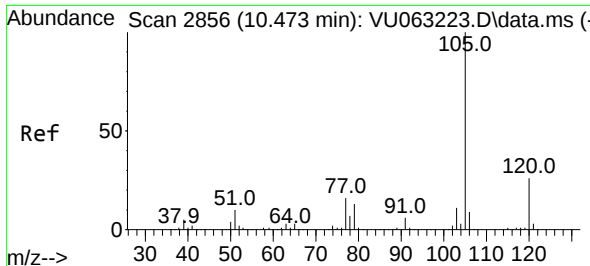
Delta R.T. 0.000 min

Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

Tgt Ion:152 Resp: 19595
 Ion Ratio Lower Upper
 152 100
 115 138.1 0.0 275.2
 150 324.7 0.0 658.4





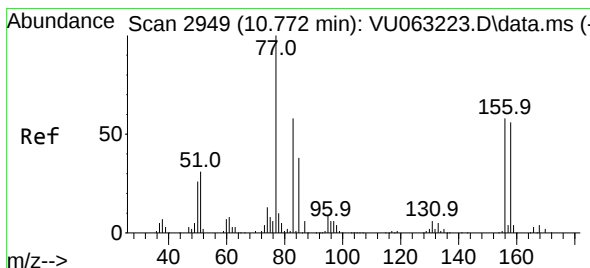
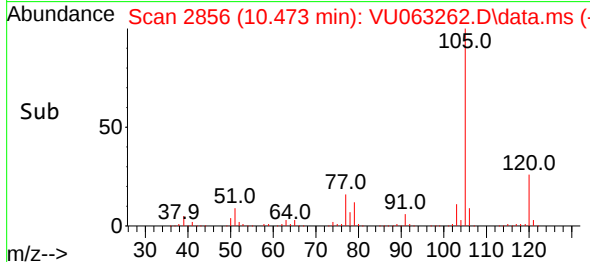
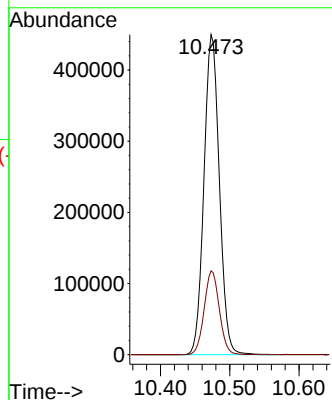
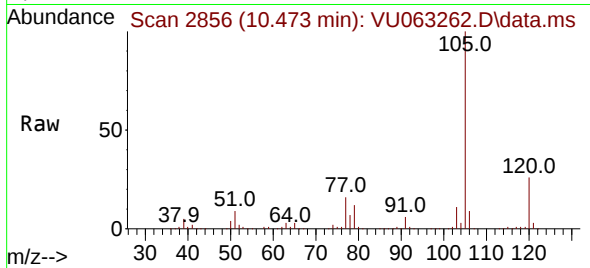
#69
Isopropylbenzene
Concen: 11.602 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 693224
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

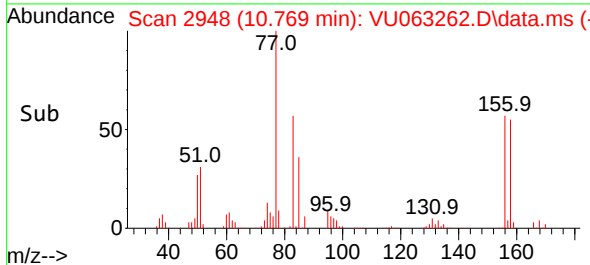
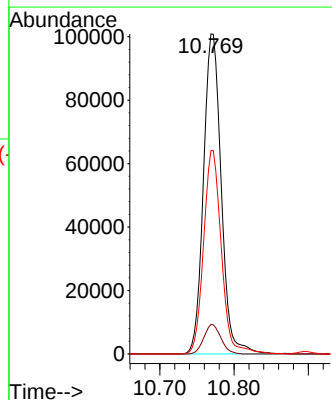
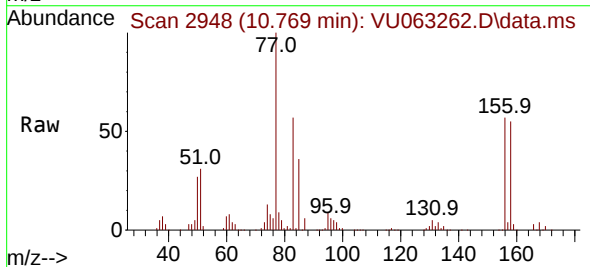
Manual Integrations
APPROVED

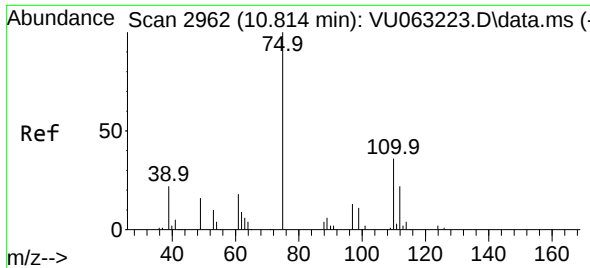
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 10.469 ug/l
RT: 10.769 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

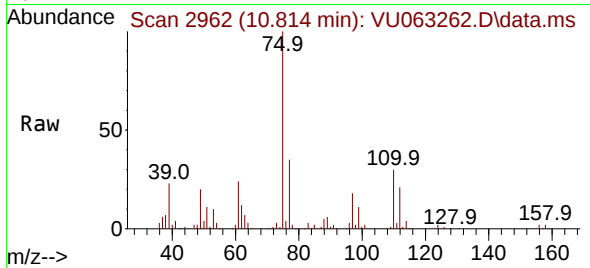
Tgt Ion: 83 Resp: 167442
Ion Ratio Lower Upper
83 100
131 8.8 7.4 11.0
85 63.5 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 10.245 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

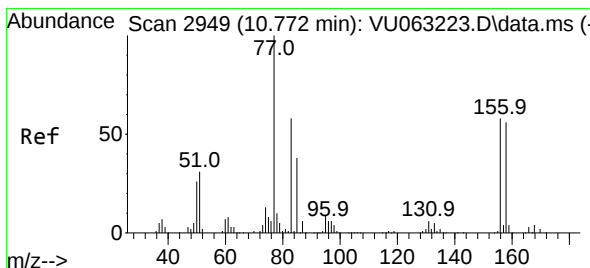
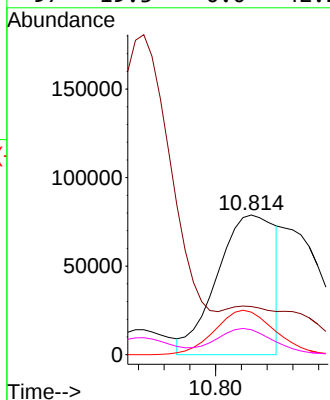
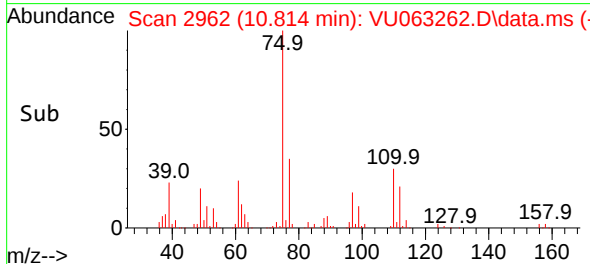
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



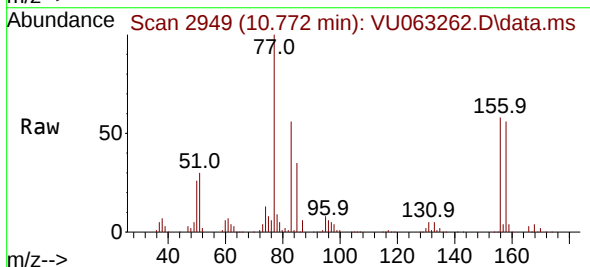
Tgt Ion: 75 Resp: 123109
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 33.3 0.0 77.0
97 19.3 0.0 42.2

Manual Integrations
APPROVED

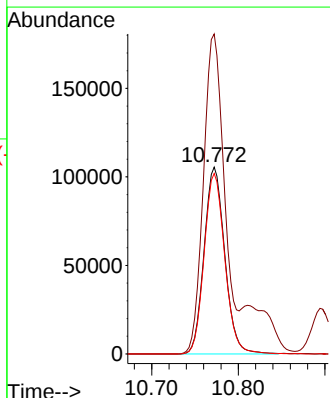
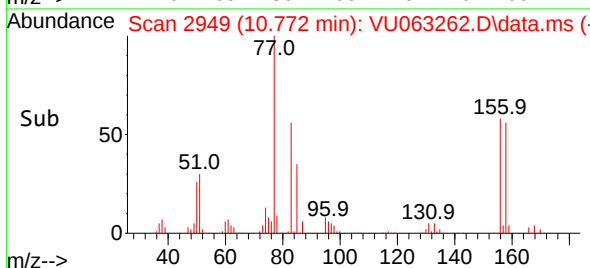
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

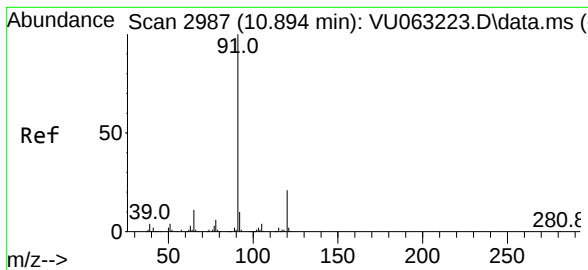


#72
Bromobenzene
Concen: 10.881 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



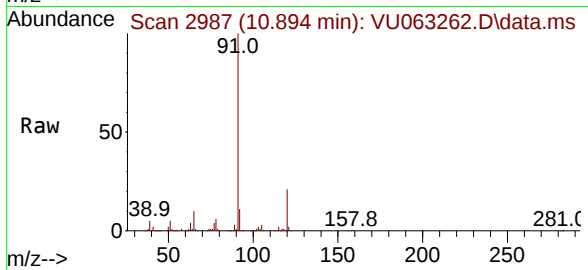
Tgt Ion:156 Resp: 175175
Ion Ratio Lower Upper
156 100
77 172.3 0.0 343.6
158 96.6 0.0 193.0





#73
n-propylbenzene
Concen: 12.000 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

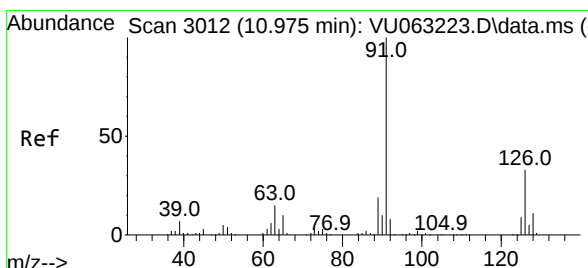
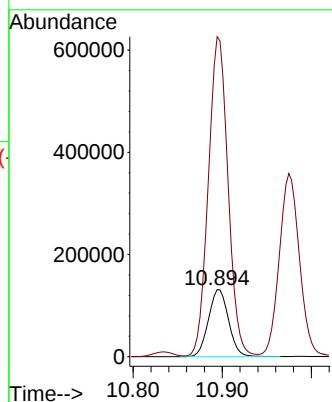
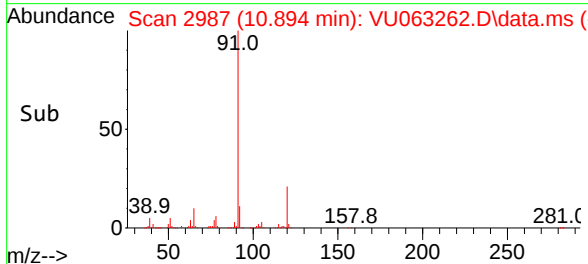
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



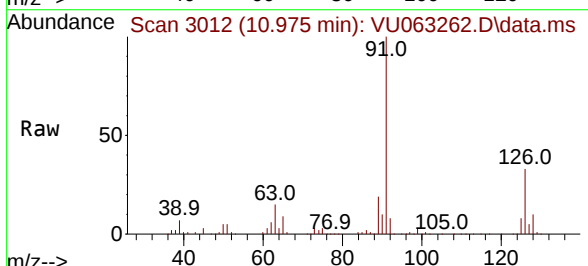
Tgt Ion:120 Resp: 205289
Ion Ratio Lower Upper
120 100
91 465.5 369.8 554.6

Manual Integrations
APPROVED

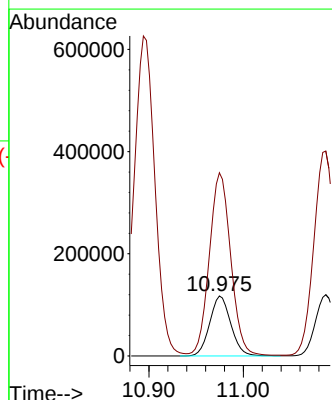
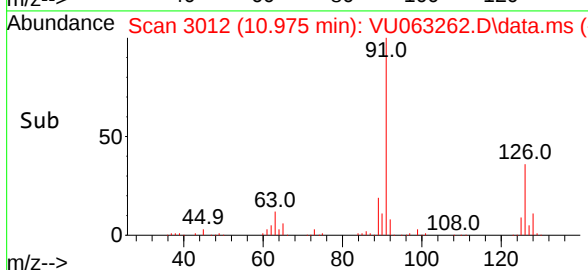
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

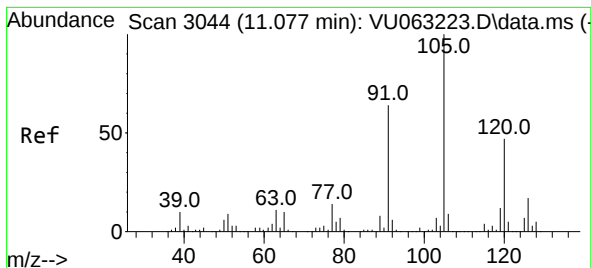


#74
2-Chlorotoluene
Concen: 11.545 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



Tgt Ion:126 Resp: 182021
Ion Ratio Lower Upper
126 100
91 307.8 0.0 623.8





#75

1,3,5-Trimethylbenzene

Concen: 11.906 ug/l

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 65918

Ion Ratio Lower Upper

105 100

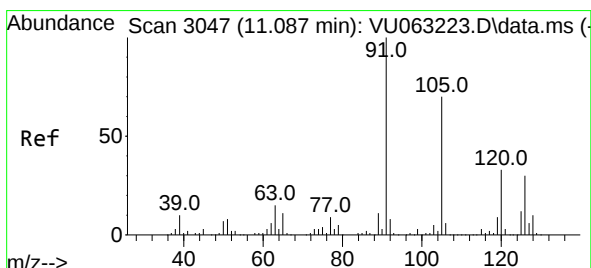
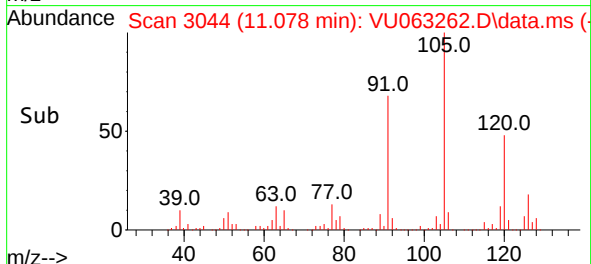
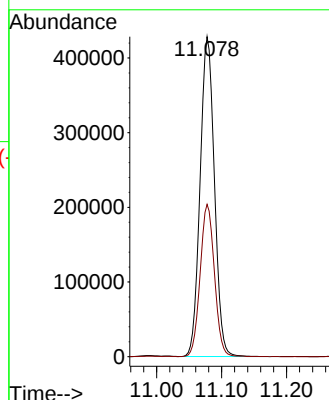
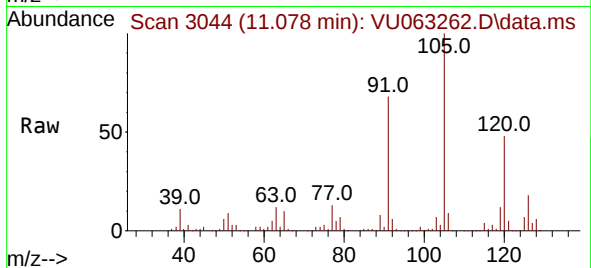
120 47.3 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2025

Supervised By :Semsettin Yesilyurt 02/14/2025



#76

4-Chlorotoluene

Concen: 11.511 ug/l

RT: 11.087 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VU063262.D

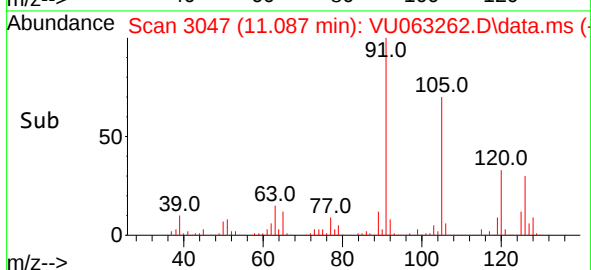
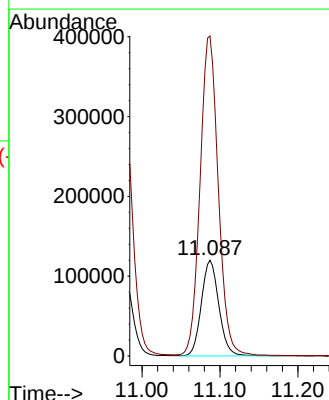
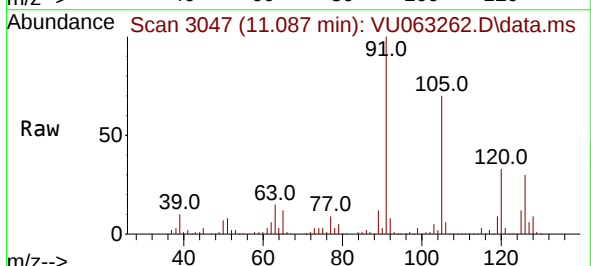
Acq: 13 Feb 2025 08:36

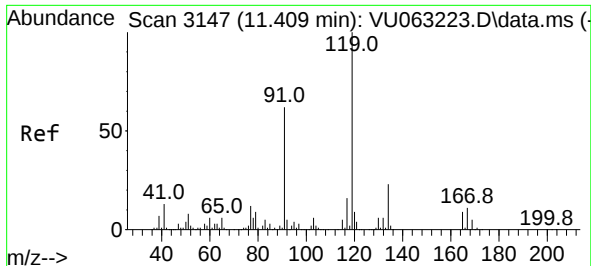
Tgt Ion:126 Resp: 186115

Ion Ratio Lower Upper

126 100

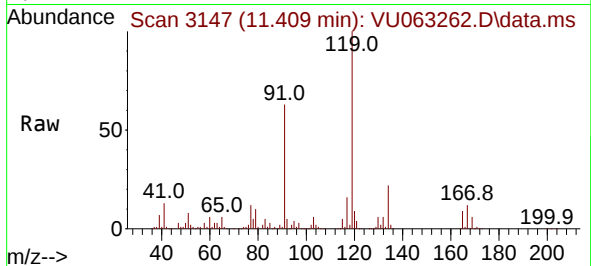
91 348.4 0.0 703.6





#77
 tert-Butylbenzene
 Concen: 11.330 ug/l
 RT: 11.409 min Scan# 3147
 Delta R.T. 0.000 min
 Lab File: VU063262.D
 Acq: 13 Feb 2025 08:36

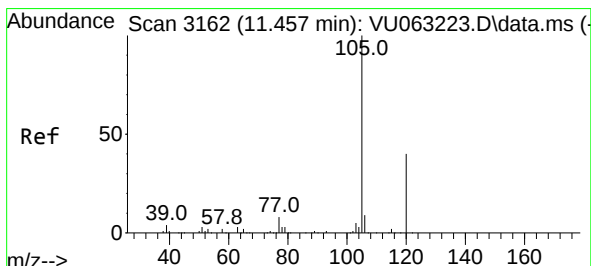
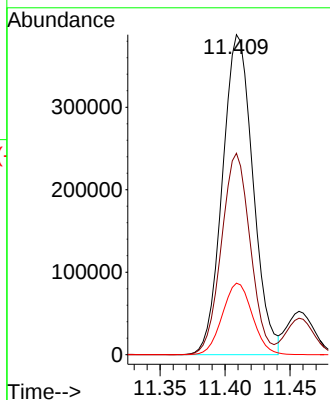
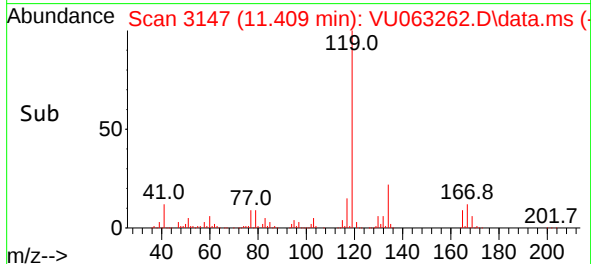
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



Tgt Ion:119 Resp: 634392
 Ion Ratio Lower Upper
 119 100
 91 59.6 29.4 88.3
 134 22.0 17.6 26.4

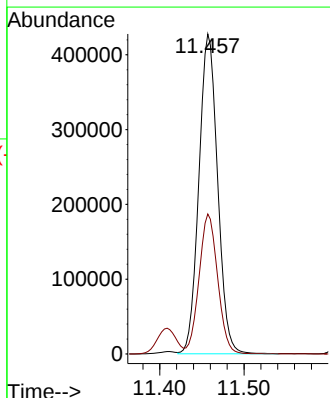
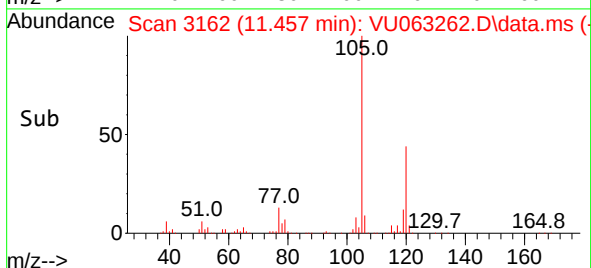
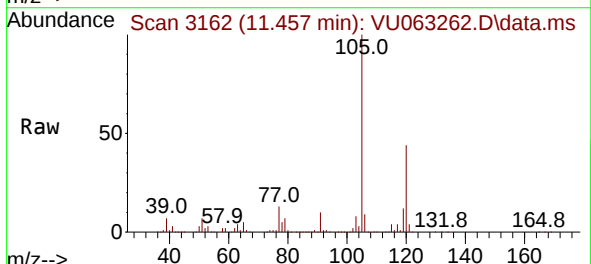
Manual Integrations
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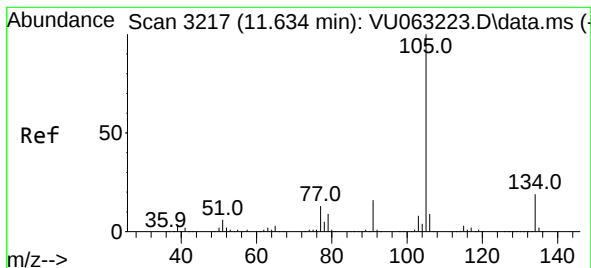
Reviewed By :Mahesh Dadoda 02/14/2025
 Supervised By :Semsettin Yesilyurt 02/14/2025



#78
 1,2,4-Trimethylbenzene
 Concen: 12.019 ug/l
 RT: 11.457 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: VU063262.D
 Acq: 13 Feb 2025 08:36

Tgt Ion:105 Resp: 660280
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.9 65.7





#79

sec-Butylbenzene

Concen: 11.798 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. 0.000 min

Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 841072

Ion Ratio Lower Upper

105 100

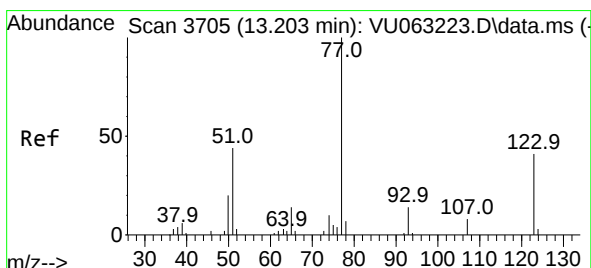
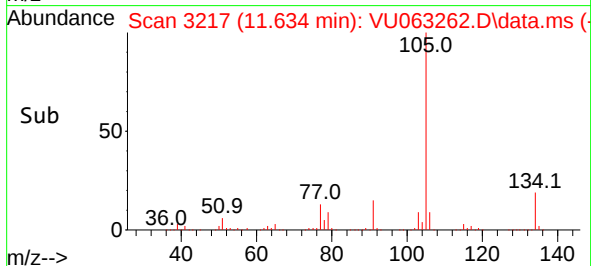
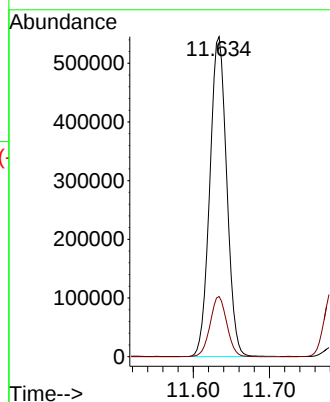
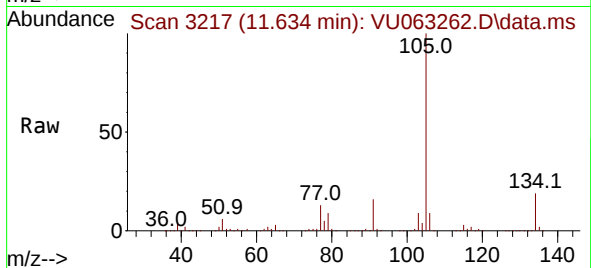
134 18.7 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2025

Supervised By :Semsettin Yesilyurt 02/14/2025



#80

Nitrobenzene

Concen: 47.324 ug/l m

RT: 13.203 min Scan# 3705

Delta R.T. 0.000 min

Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

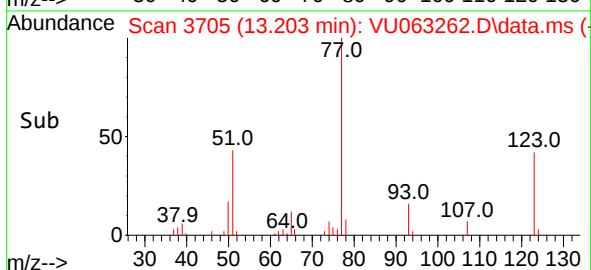
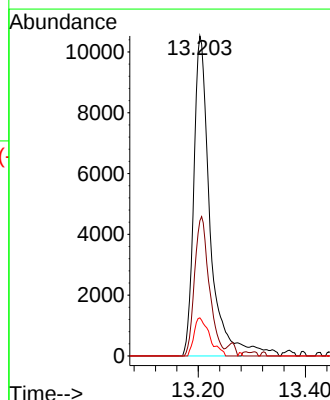
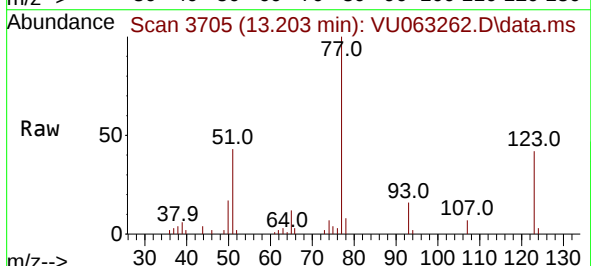
Tgt Ion: 77 Resp: 22316

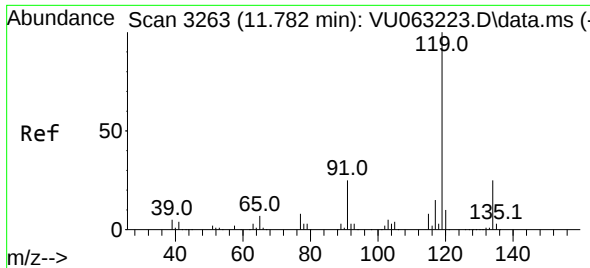
Ion Ratio Lower Upper

77 100

123 36.7 18.9 67.1

65 11.4 11.9 15.1#





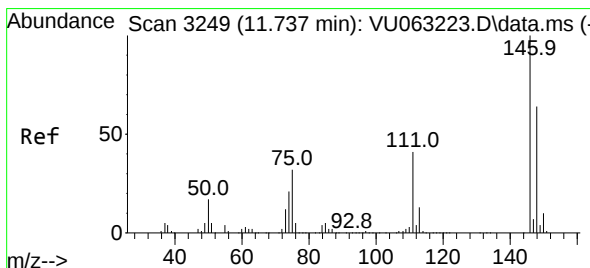
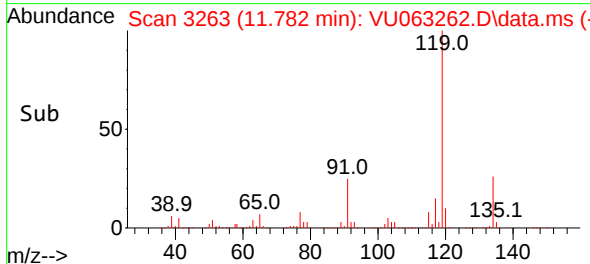
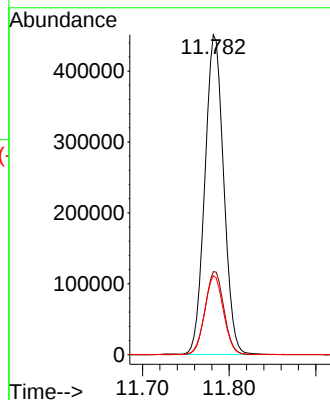
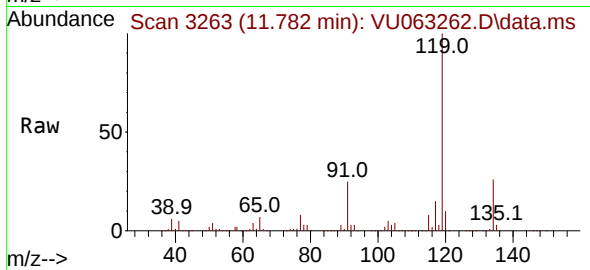
#81
p-Isopropyltoluene
Concen: 12.067 ug/l
RT: 11.782 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 67894
Ion Ratio Lower Upper
119 100
134 26.1 20.3 30.5
91 24.5 19.4 29.2

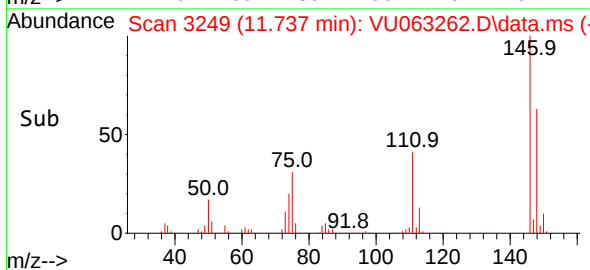
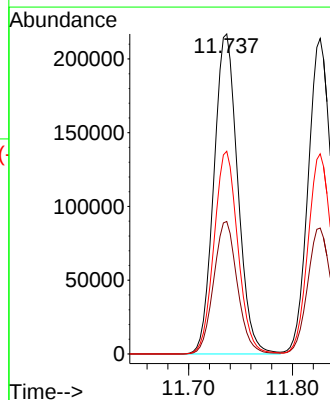
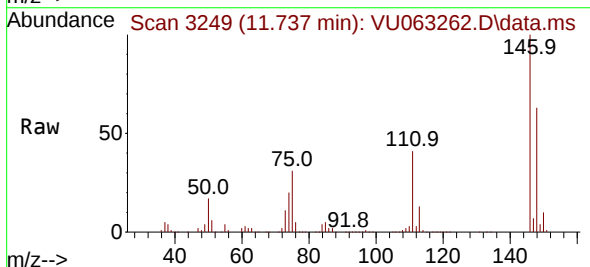
Manual Integrations
APPROVED

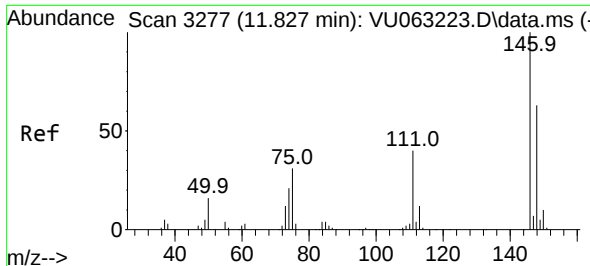
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#82
1,3-Dichlorobenzene
Concen: 11.119 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

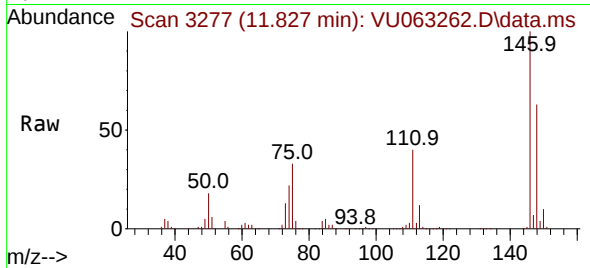
Tgt Ion:146 Resp: 347219
Ion Ratio Lower Upper
146 100
111 41.1 32.8 49.2
148 63.2 51.1 76.7





#83
1,4-Dichlorobenzene
Concen: 11.131 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

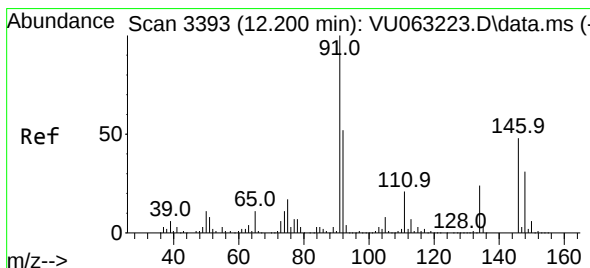
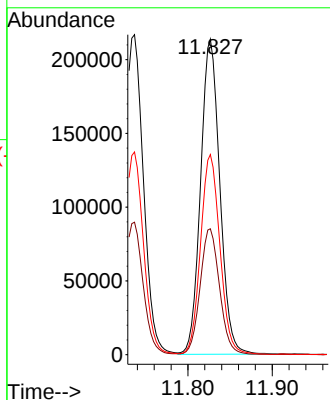
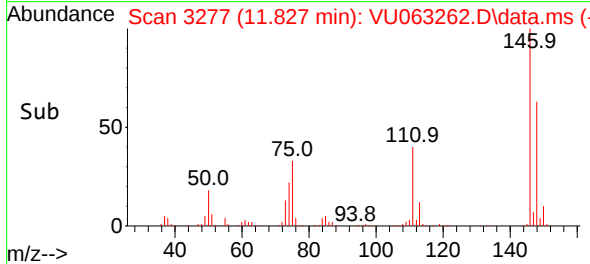
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



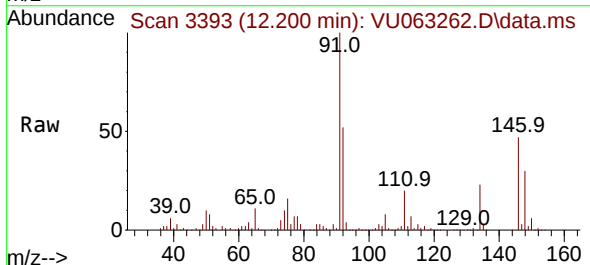
Tgt Ion:146 Resp: 339958
Ion Ratio Lower Upper
146 100
111 40.2 32.1 48.1
148 63.8 50.2 75.4

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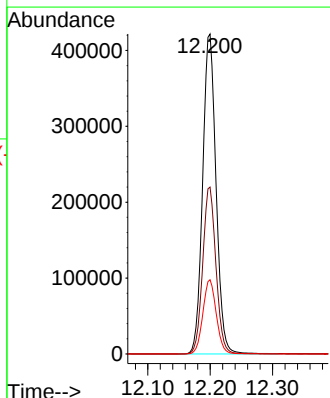
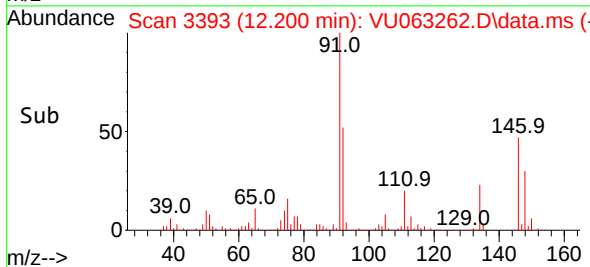
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

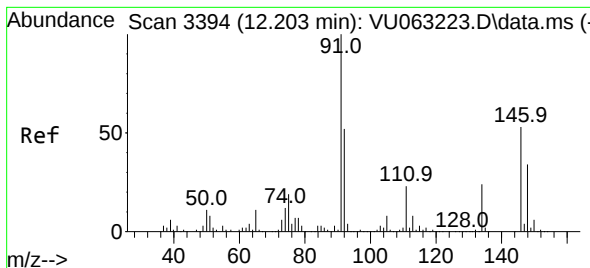


#84
n-Butylbenzene
Concen: 12.498 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



Tgt Ion: 91 Resp: 630516
Ion Ratio Lower Upper
91 100
92 51.6 41.8 62.8
134 23.2 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 10.882 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

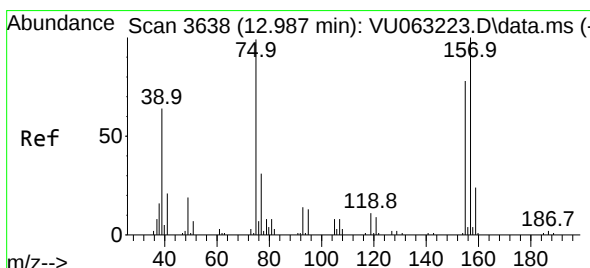
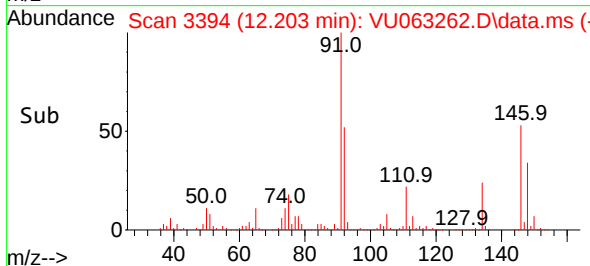
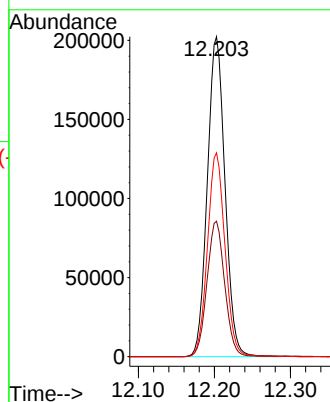
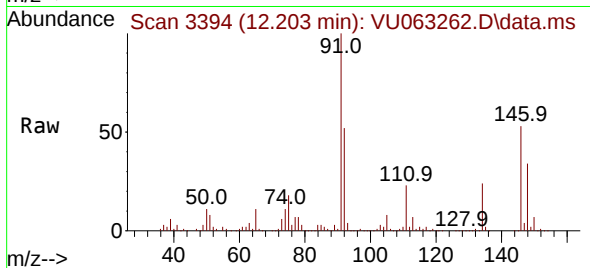
Tgt Ion:146 Resp: 326538

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.9	65.7
148	63.1	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.704 ug/l

RT: 12.987 min Scan# 3638

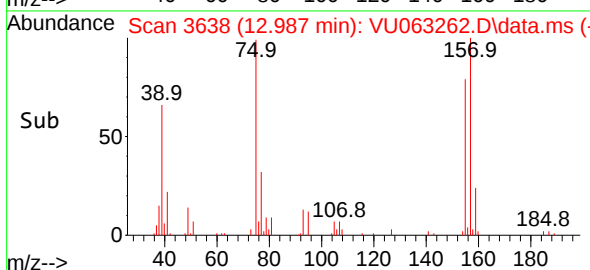
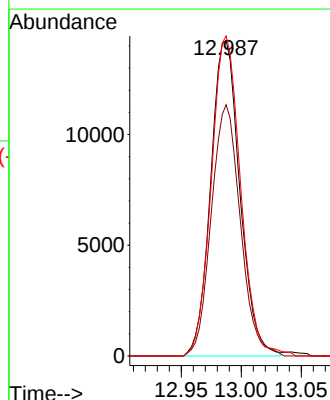
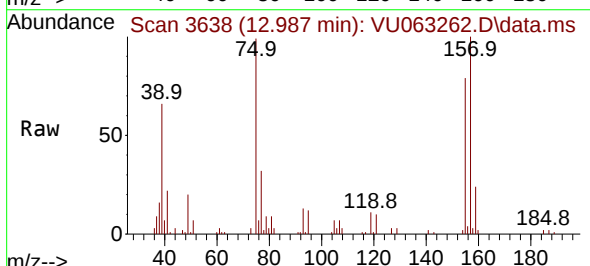
Delta R.T. 0.000 min

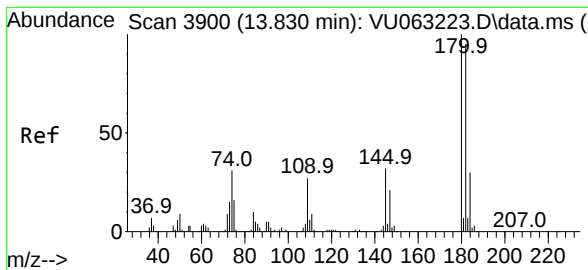
Lab File: VU063262.D

Acq: 13 Feb 2025 08:36

Tgt Ion: 75 Resp: 24031

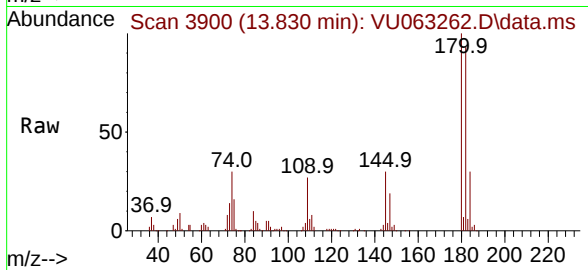
Ion	Ratio	Lower	Upper
75	100		
155	79.3	63.5	95.3
157	101.9	81.8	122.6





#87
1,2,4-Trichlorobenzene
Concen: 12.188 ug/l
RT: 13.830 min Scan# 3900
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

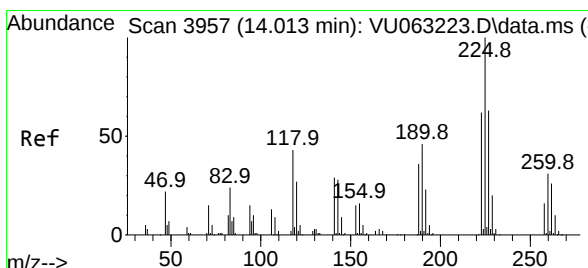
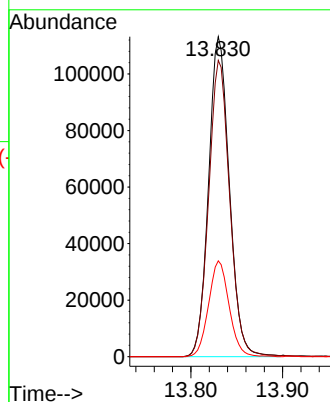
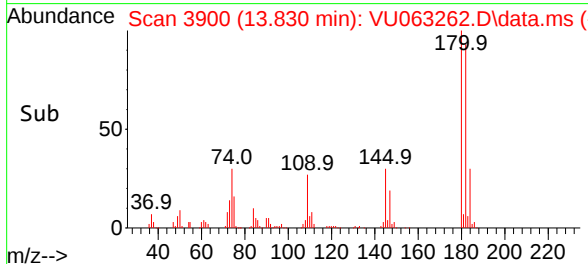
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



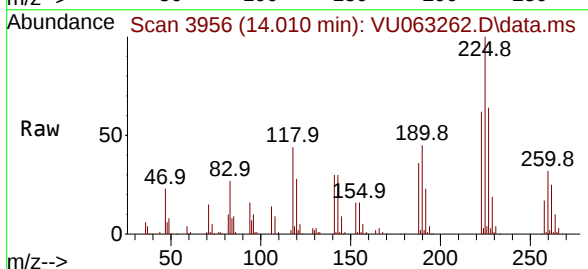
Tgt Ion:180 Resp: 178379
Ion Ratio Lower Upper
180 100
182 94.0 76.6 115.0
145 29.6 25.4 38.2

Manual Integrations
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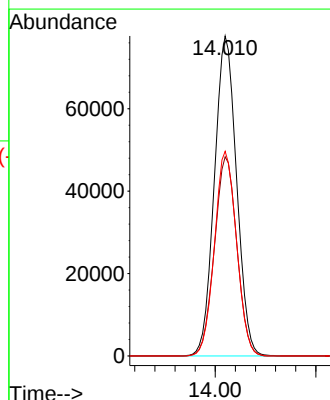
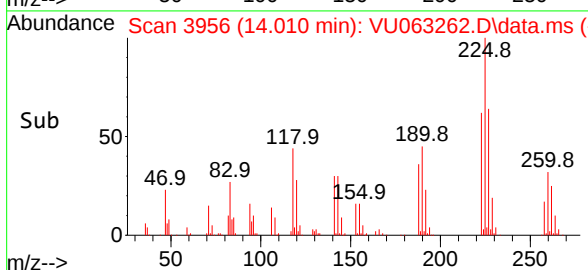
Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025

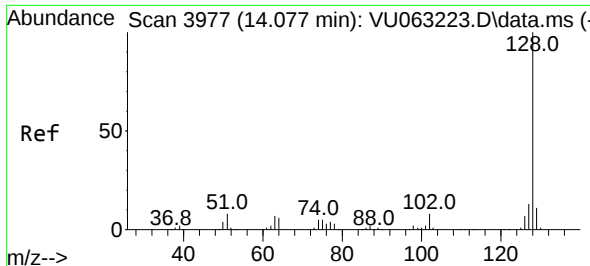


#88
Hexachlorobutadiene
Concen: 11.369 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



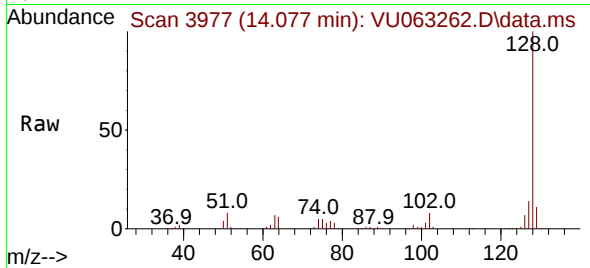
Tgt Ion:225 Resp: 118917
Ion Ratio Lower Upper
225 100
223 62.9 49.5 74.3
227 63.5 51.0 76.4





#89
Naphthalene
Concen: 9.007 ug/l
RT: 14.077 min Scan# 3977
Delta R.T. 0.000 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36

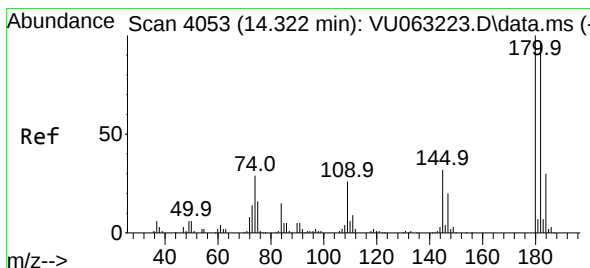
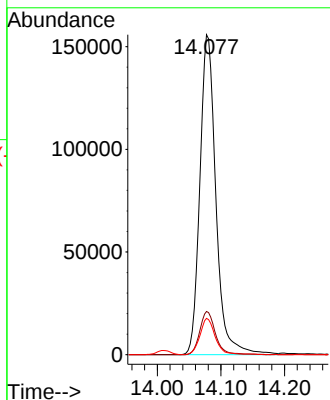
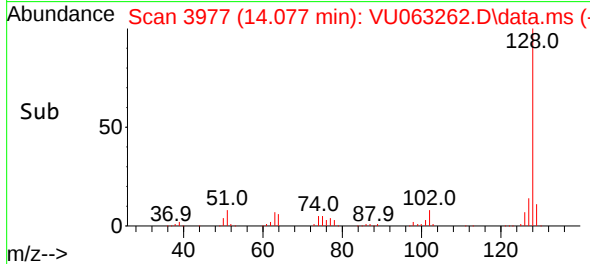
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



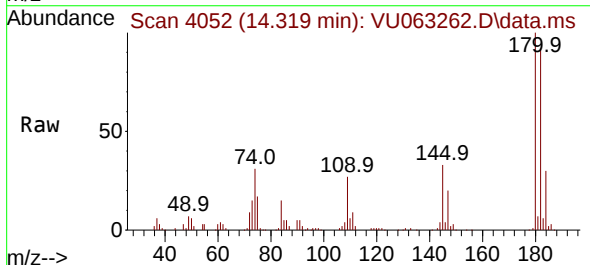
Tgt Ion:128 Resp: 27316
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/14/2025
Supervised By :Semsettin Yesilyurt 02/14/2025



#90
1,2,3-Trichlorobenzene
Concen: 11.635 ug/l
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063262.D
Acq: 13 Feb 2025 08:36



Tgt Ion:180 Resp: 166618
Ion Ratio Lower Upper
180 100
182 93.6 78.2 117.2
145 32.5 26.1 39.1

