

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063252.D
 Acq On : 12 Feb 2025 13:20
 Operator : MD/SY
 Sample : VU0212WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0212WBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/17/2025
 Supervised By : Mahesh Dadoda 02/17/2025

Quant Time: Feb 13 03:11:27 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	51180	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	17310	1.025	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	16808	0.957	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	34139	2.053	ug/l	100
3) Chloromethane	1.515	50	39500	2.063	ug/l	99
4) Vinyl Chloride	1.599	62	39806	2.101	ug/l	96
5) Bromomethane	1.846	94	21678	2.342	ug/l	95
6) Chloroethane	1.923	64	24495	2.053	ug/l	100
7) Trichlorofluoromethane	2.129	101	47061	2.096	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	26155	2.052	ug/l	97
9) 1,1-Dichloroethene	2.570	96	26932	2.074	ug/l	96
10) Iodomethane	2.711	142	44058	2.158	ug/l	99
11) Allyl Chloride	2.914	41	37130	1.991	ug/l	98
12) Acrylonitrile	3.313	53	12746m	4.256	ug/l	
13) Acetone	2.615	43	23082	10.023	ug/l	98
14) Carbon Disulfide	2.782	76	92105	2.029	ug/l	99
15) Methylene Chloride	3.033	84	33386	2.081	ug/l	100
16) trans-1,2-Dichloroethene	3.341	96	30224	2.039	ug/l	98
17) 1,1-Dichloroethane	3.853	63	57716	2.066	ug/l	99
18) 2-Butanone	4.698	43	33717	9.200	ug/l	98
19) Cyclohexane	5.373	56	44849m	1.998	ug/l	
20) Methylcyclohexane	6.750	83	45015	2.022	ug/l	98
21) 2,2-Dichloropropane	4.650	77	45151	2.072	ug/l	99
22) cis-1,2-Dichloroethene	4.660	96	34321	2.143	ug/l	98
23) Diethyl Ether	2.367	59	23235	2.085	ug/l	97
24) tert-Butyl Alcohol	3.165	59	24034	15.625	ug/l	# 94
25) Methyl tert-Butyl Ether	3.348	73	65478	2.019	ug/l	98
26) Bromochloromethane	4.959	128	14577	2.083	ug/l	100
27) Chloroform	5.071	83	60016	2.129	ug/l	98
28) 1,1,1-Trichloroethane	5.300	97	47367	2.074	ug/l	98
29) 1,1-Dichloropropene	5.515	75	42057	2.056	ug/l	99
30) Carbon Tetrachloride	5.512	117	41248	2.106	ug/l	98
31) Isopropyl Ether	3.978	45	80738	2.025	ug/l	96
32) Ethyl-t-butyl ether	4.486	59	74455	2.053	ug/l	99
33) Tert-Amyl methyl ether	5.927	73	65827	2.077	ug/l	99
34) Propionitrile	4.775	54	10831	9.798	ug/l	# 74
35) Benzene	5.763	78	129848	2.065	ug/l	99
36) 1,2-Dichloroethane	5.782	62	38095	2.099	ug/l	99
37) Trichloroethene	6.534	130	31471	2.104	ug/l	98
38) 1,2-Dichloropropane	6.779	63	34356	2.087	ug/l	99
39) Methacrylonitrile	4.968	41	7822	1.899	ug/l	90
40) Methyl acrylate	4.853	55	15431m	2.032	ug/l	
41) Tetrahydrofuran	5.052	42	9203	3.841	ug/l	99
42) 1-Chlorobutane	5.447	56	56138	2.006	ug/l	96
43) Dibromomethane	6.910	93	17301	2.076	ug/l	96
44) Bromodichloromethane	7.094	83	40765	2.101	ug/l	96

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	84886	9.715	ug/l	99
46) t-1,4-Dichloro-2-butene	10.820	75	16629m	4.048	ug/l	
47) Methyl methacrylate	6.952	69	28606	4.075	ug/l	96
48) Ethyl methacrylate	8.325	69	25786	1.956	ug/l	95
49) Toluene	7.959	92	74526	2.061	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	36777	2.071	ug/l	98
51) cis-1,3-Dichloropropene	7.598	75	43806	1.997	ug/l	95
52) 1,1,2-Trichloroethane	8.389	97	23471	2.089	ug/l	96
53) 1,3-Dichloropropane	8.563	76	40985	2.054	ug/l	100
54) 2-Hexanone	8.676	43	54296	9.106	ug/l	97
55) Dibromochloromethane	8.798	129	26971	2.086	ug/l	97
56) 1,2-Dibromoethane	8.917	107	21945	2.082	ug/l	99
58) Tetrachloroethene	8.544	164	26364	2.139	ug/l	97
59) Chlorobenzene	9.438	112	80285	2.104	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.521	131	28939	2.110	ug/l	99
61) Pentachloroethane	11.415	117	24586	2.006	ug/l	96
62) Hexachloroethane	12.463	117	21415	1.975	ug/l	99
63) Ethyl Benzene	9.560	91	131789	2.002	ug/l	99
64) m/p-Xylenes	9.685	106	99562	4.050	ug/l	98
65) o-Xylene	10.090	106	50162	2.084	ug/l	99
66) Styrene	10.106	104	76780	2.005	ug/l	98
67) Bromoform	10.280	173	15038	2.049	ug/l	98
69) Isopropylbenzene	10.473	105	115836	2.047	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.772	83	30615	2.021	ug/l	96
71) 1,2,3-Trichloropropane	10.814	75	20581m	1.809	ug/l	
72) Bromobenzene	10.775	156	31609	2.073	ug/l	86
73) n-propylbenzene	10.894	120	31375	1.937	ug/l	97
74) 2-Chlorotoluene	10.975	126	29907	2.003	ug/l	96
75) 1,3,5-Trimethylbenzene	11.077	105	105820	2.018	ug/l	99
76) 4-Chlorotoluene	11.090	126	31442	2.054	ug/l	95
77) tert-Butylbenzene	11.409	119	108063	2.038	ug/l	98
78) 1,2,4-Trimethylbenzene	11.457	105	101607	1.953	ug/l	98
79) sec-Butylbenzene	11.634	105	138797	2.056	ug/l	99
80) Nitrobenzene	13.222	77	3316m	10.663	ug/l	
81) p-Isopropyltoluene	11.782	119	104541	1.962	ug/l	98
82) 1,3-Dichlorobenzene	11.737	146	60800	2.056	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	60154	2.080	ug/l	99
84) n-Butylbenzene	12.200	91	88457	1.852	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	57516	2.024	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	4329	2.036	ug/l	94
87) 1,2,4-Trichlorobenzene	13.833	180	26285	1.896	ug/l	94
88) Hexachlorobutadiene	14.010	225	20626	2.082	ug/l	99
89) Naphthalene	14.084	128	41502	1.996	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	26436	1.949	ug/l	99

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

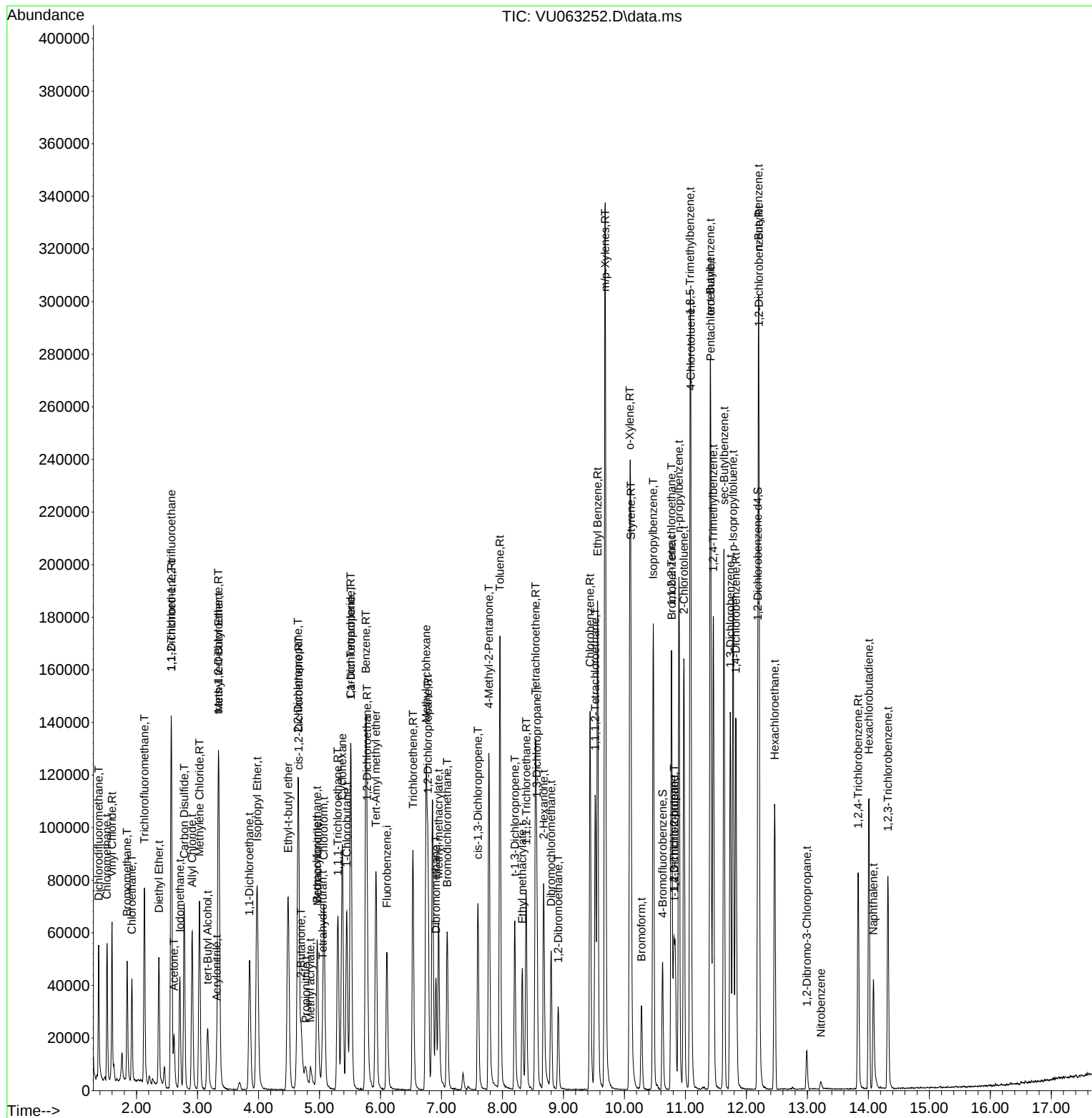
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 Data File : VU063252.D
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 Operator : MD/SY
 Sample : VU0212WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

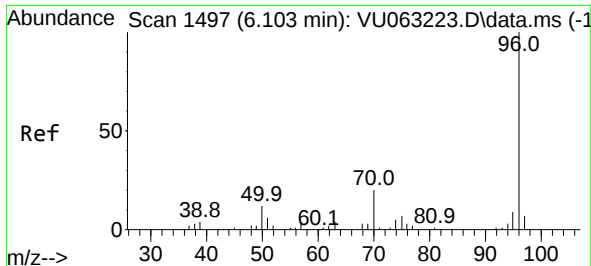
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0212WBSD01

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/17/2025
 Supervised By : Mahesh Dadoda 02/17/2025

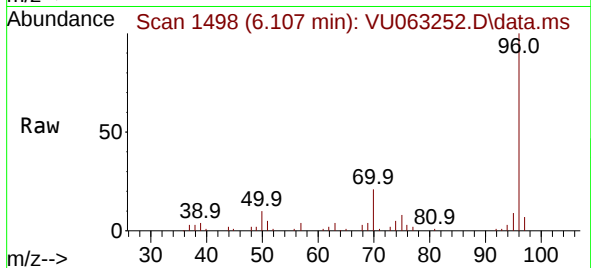
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

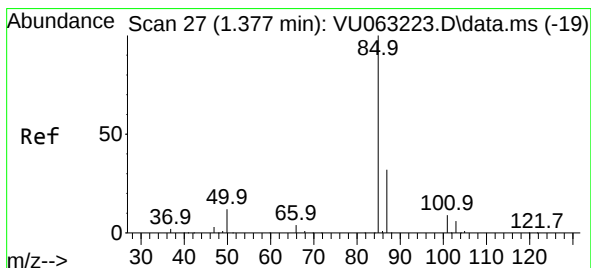
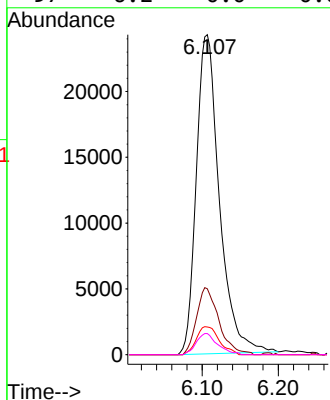
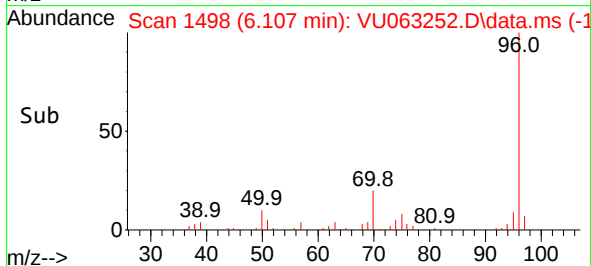
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



Tgt Ion: 96 Resp: 51180
Ion Ratio Lower Upper
96 100
70 20.2 15.6 23.4
95 8.7 7.3 10.9
97 6.2 0.0 0.0#

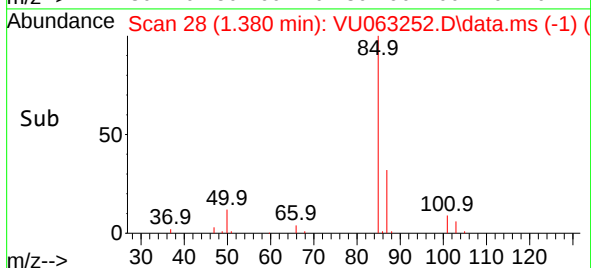
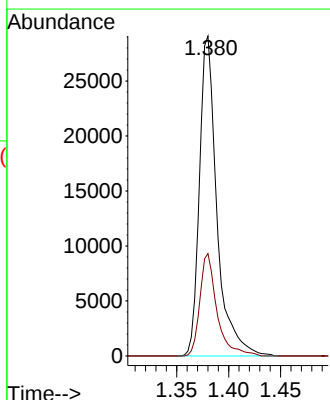
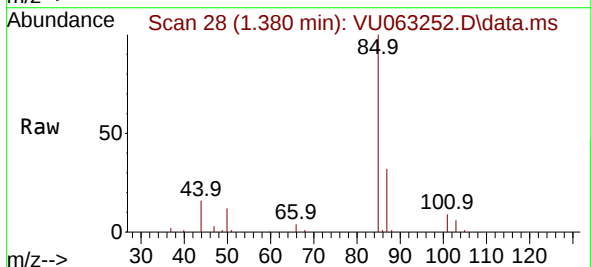
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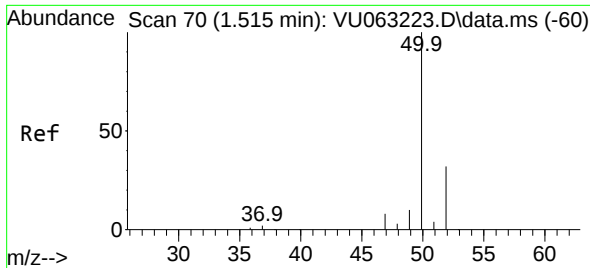
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#2
Dichlorodifluoromethane
Concen: 2.053 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Tgt Ion: 85 Resp: 34139
Ion Ratio Lower Upper
85 100
87 32.0 16.0 48.0





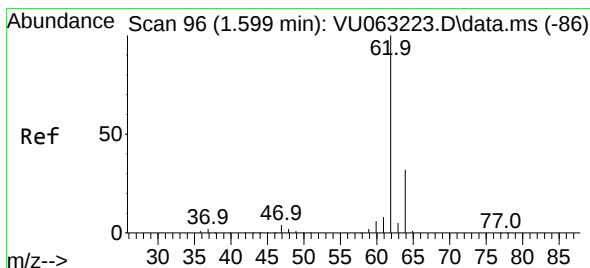
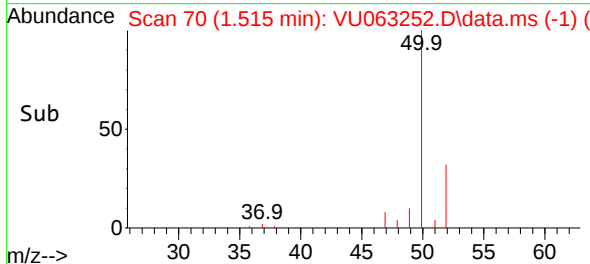
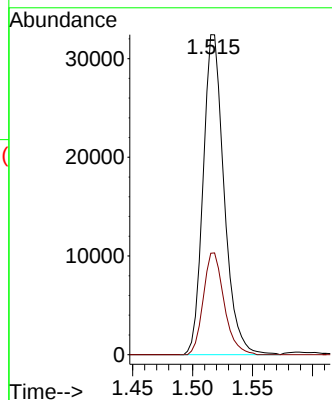
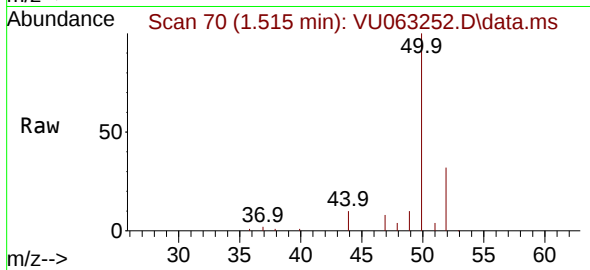
#3
Chloromethane
Concen: 2.063 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01

Tgt Ion: 50 Resp: 39500
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.8

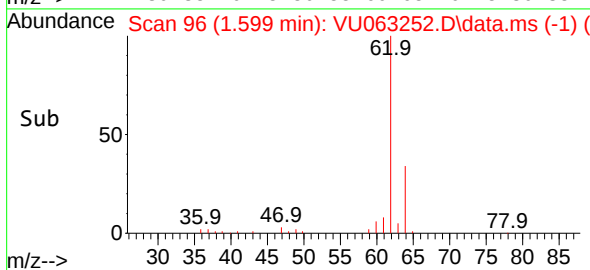
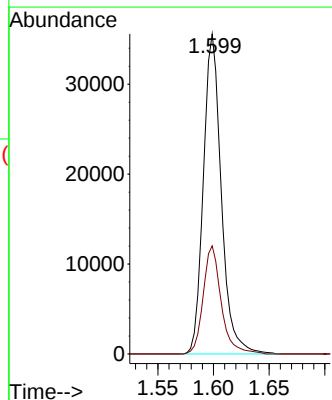
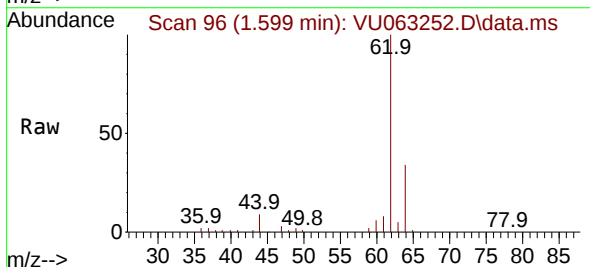
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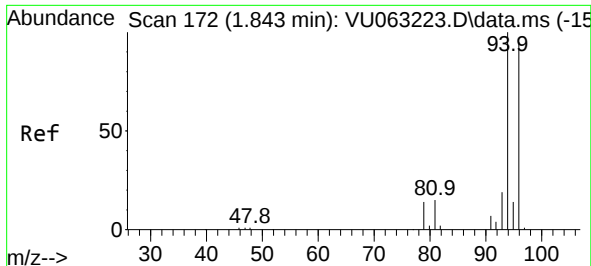
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#4
Vinyl Chloride
Concen: 2.101 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

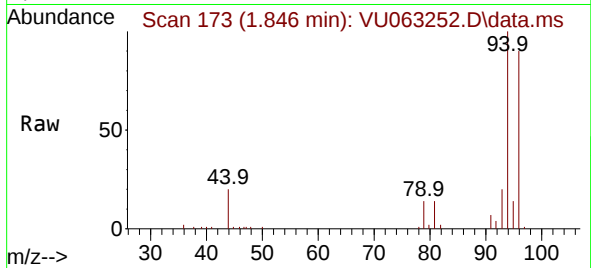
Tgt Ion: 62 Resp: 39806
Ion Ratio Lower Upper
62 100
64 33.8 25.4 38.0





#5
Bromomethane
Concen: 2.342 ug/l
RT: 1.846 min Scan# 172
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

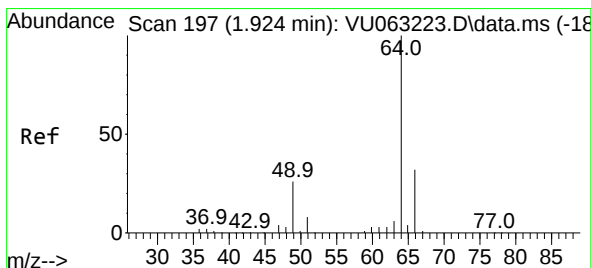
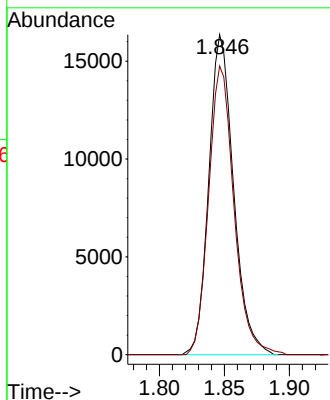
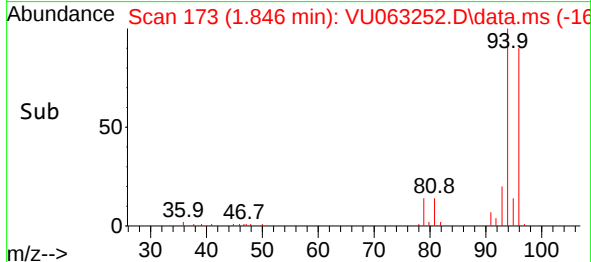
Instrument :
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Tgt Ion: 94 Resp: 21678
Ion Ratio Lower Upper
94 100
96 90.2 75.7 113.5

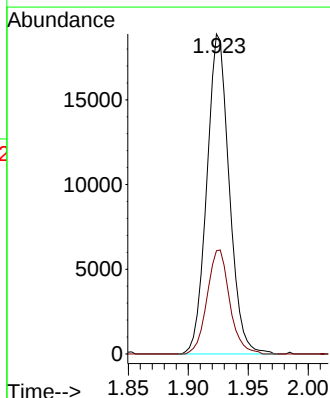
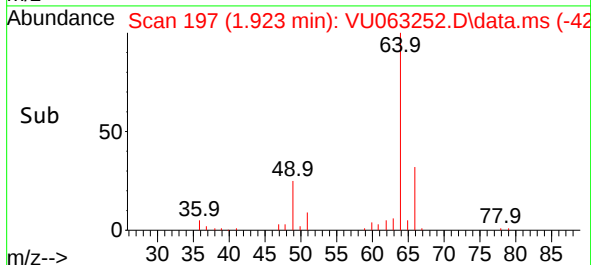
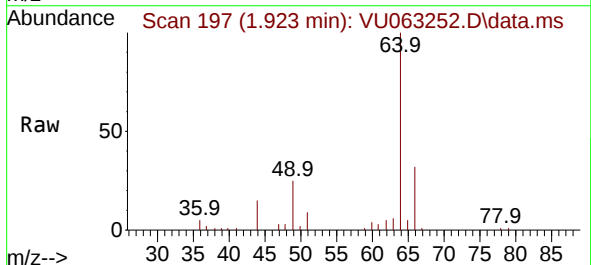
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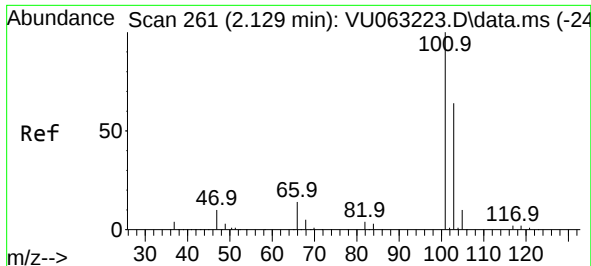
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#6
Chloroethane
Concen: 2.053 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

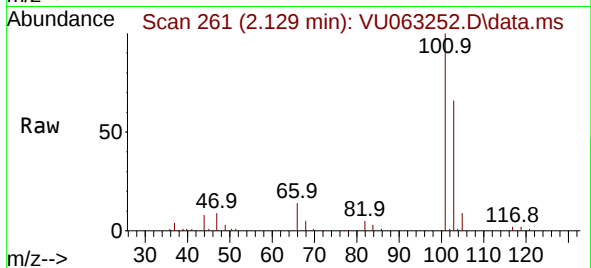
Tgt Ion: 64 Resp: 24495
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 2.096 ug/l
 RT: 2.129 min Scan# 261
 Delta R.T. -0.000 min
 Lab File: VU063252.D
 Acq: 12 Feb 2025 13:20

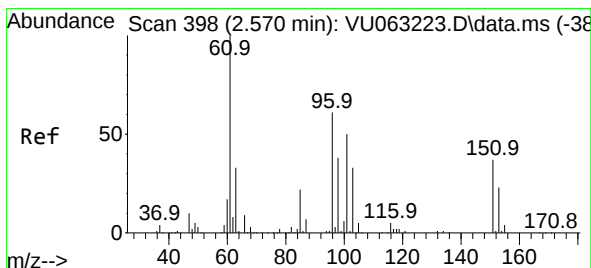
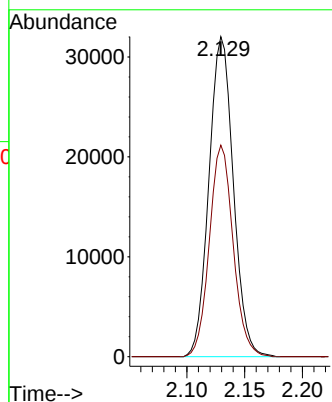
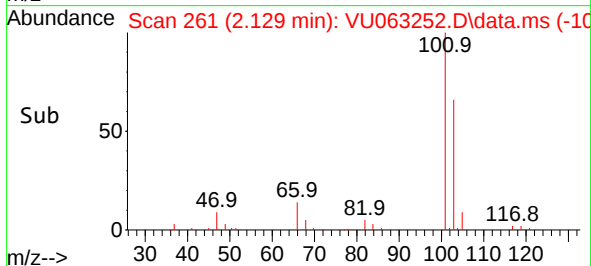
Instrument :
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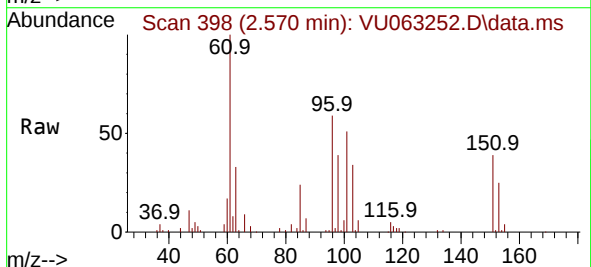
Tgt Ion:101 Resp: 4706
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.4 77.2

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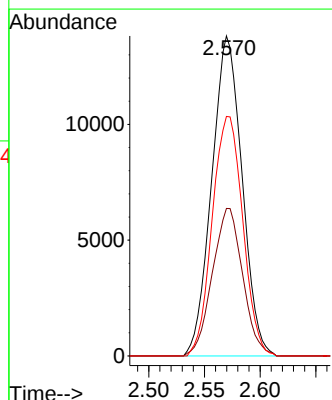
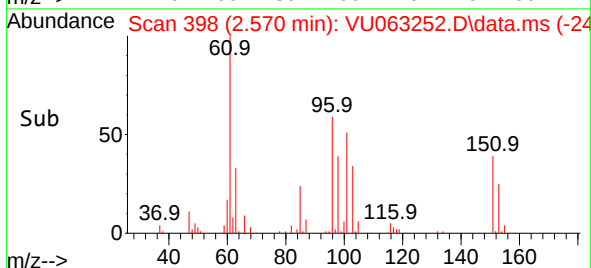
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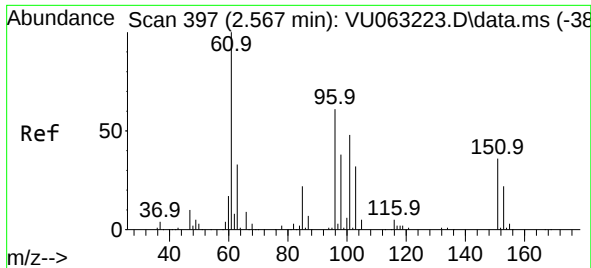


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.052 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063252.D
 Acq: 12 Feb 2025 13:20



Tgt Ion:101 Resp: 26155
 Ion Ratio Lower Upper
 101 100
 85 46.1 35.4 53.0
 151 75.4 58.5 87.7





#9

1,1-Dichloroethene

Concen: 2.074 ug/l

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Instrument :

MSVOA_U

ClientSampleId :

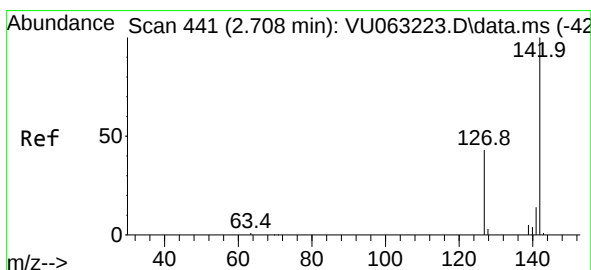
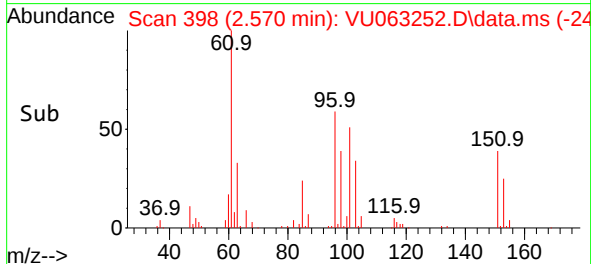
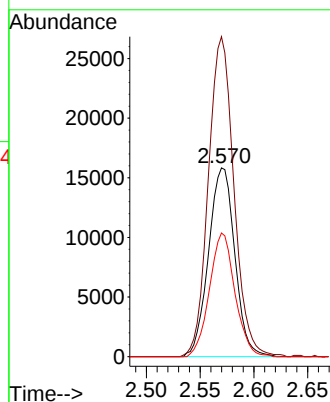
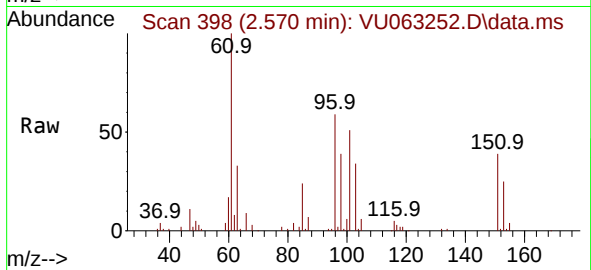
VU0212WBSD01

Tgt Ion: 96	Resp: 2693
Ion Ratio	Lower Upper
96 100	
61 169.5	0.0 492.9
98 65.5	0.0 124.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#10

Iodomethane

Concen: 2.158 ug/l

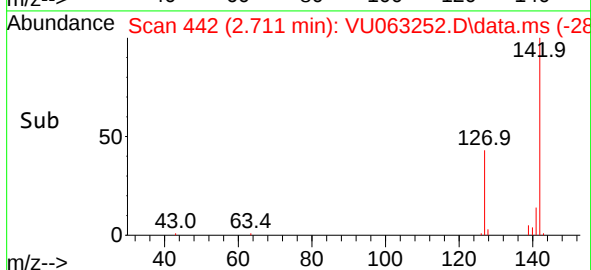
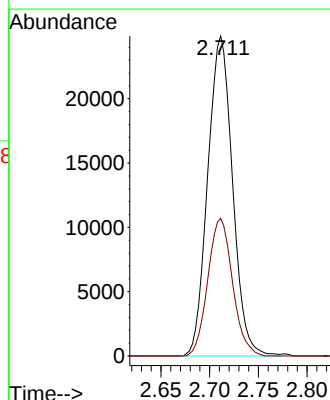
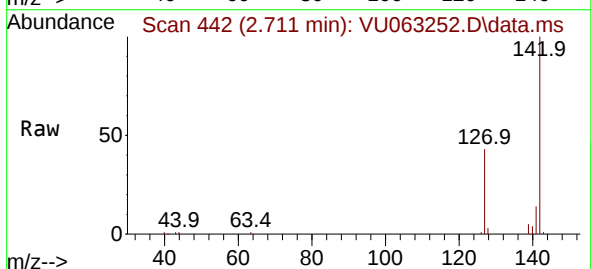
RT: 2.711 min Scan# 442

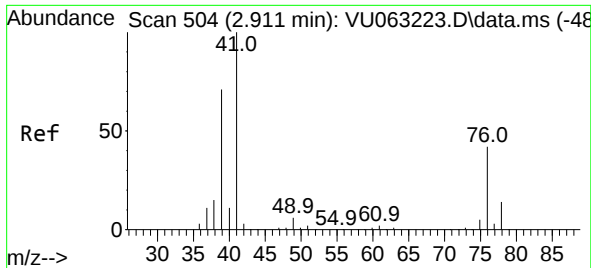
Delta R.T. 0.003 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Tgt Ion:142	Resp: 44058
Ion Ratio	Lower Upper
142 100	
127 42.7	34.5 51.7





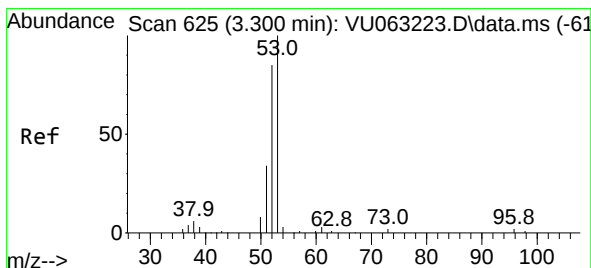
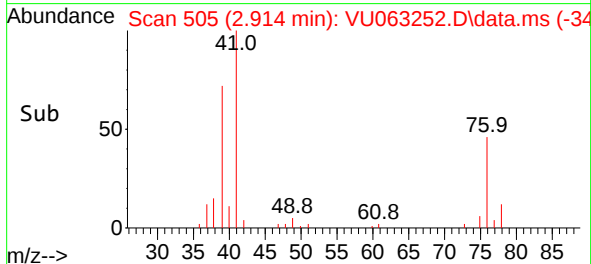
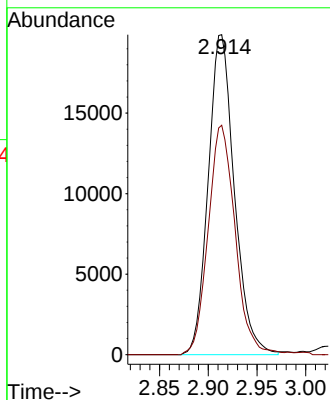
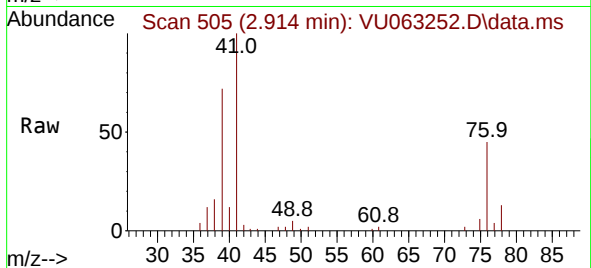
#11
 Allyl Chloride
 Concen: 1.991 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063252.D
 Acq: 12 Feb 2025 13:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0212WBSD01

Tgt Ion: 41 Resp: 37130
 Ion Ratio Lower Upper
 41 100
 39 73.8 57.9 86.9

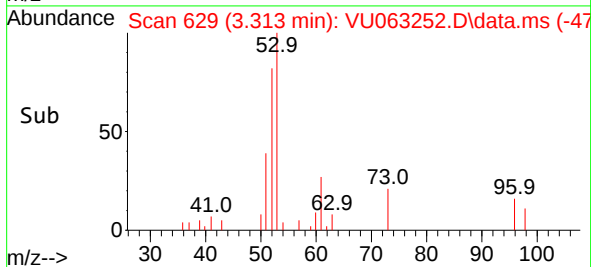
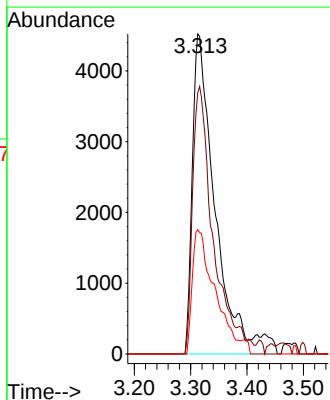
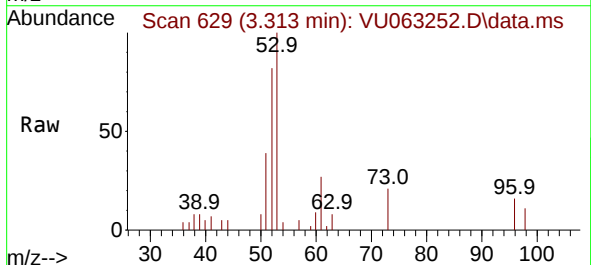
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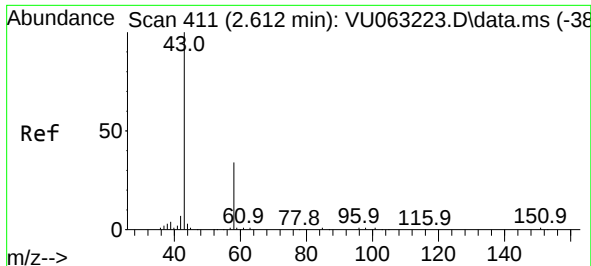
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#12
 Acrylonitrile
 Concen: 4.256 ug/l m
 RT: 3.313 min Scan# 629
 Delta R.T. 0.013 min
 Lab File: VU063252.D
 Acq: 12 Feb 2025 13:20

Tgt Ion: 53 Resp: 12746
 Ion Ratio Lower Upper
 53 100
 52 71.5 64.2 96.2
 51 38.2 30.8 46.2





#13

Acetone

Concen: 10.023 ug/l

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Instrument :

MSVOA_U

ClientSampleId :

VU0212WBSD01

Tgt Ion: 43 Resp: 2308

Ion Ratio Lower Upper

43 100

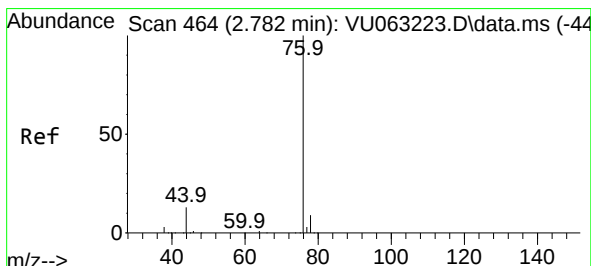
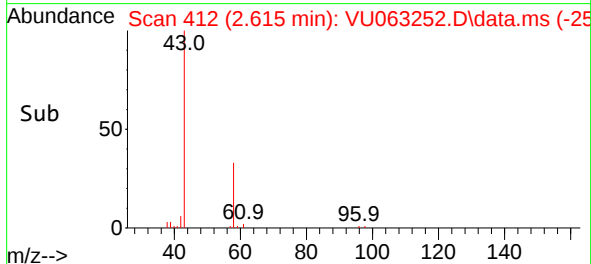
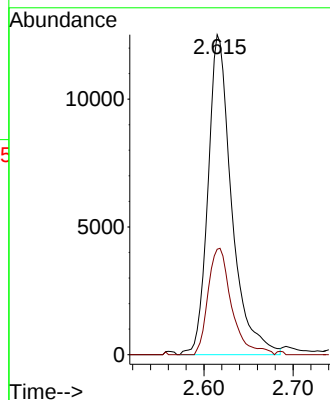
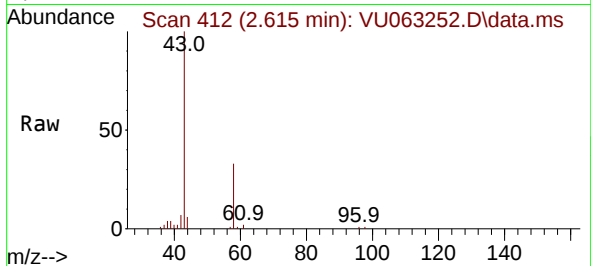
58 33.0 27.4 41.0

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Supervised By :Mahesh Dadoda 02/17/2025



#14

Carbon Disulfide

Concen: 2.029 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063252.D

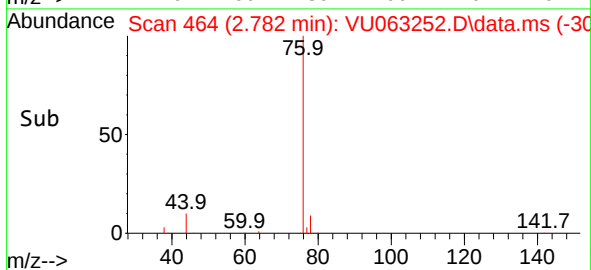
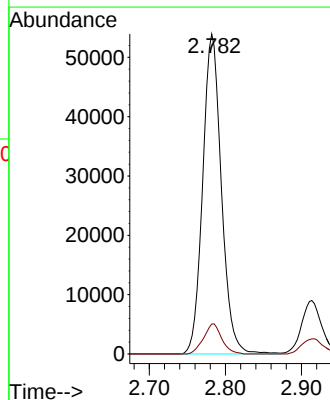
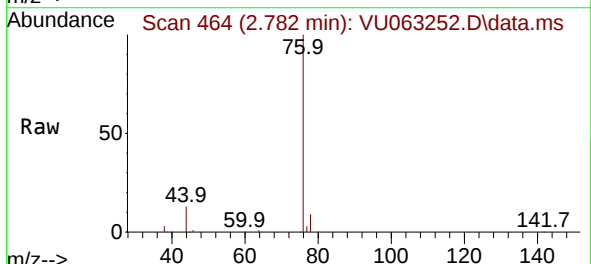
Acq: 12 Feb 2025 13:20

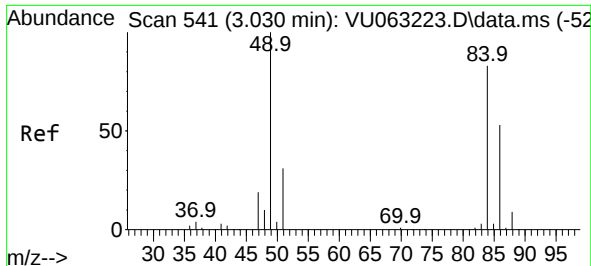
Tgt Ion: 76 Resp: 92105

Ion Ratio Lower Upper

76 100

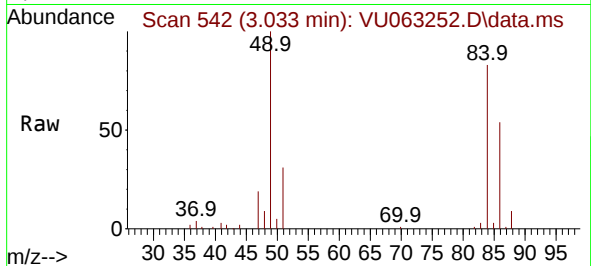
78 9.4 7.2 10.8





#15
Methylene Chloride
Concen: 2.081 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

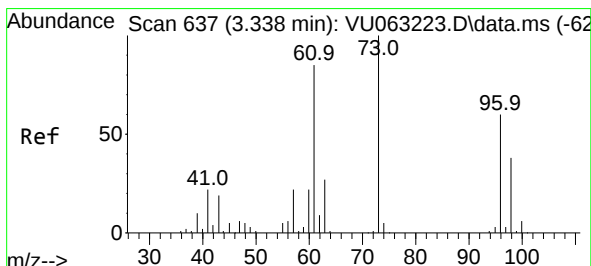
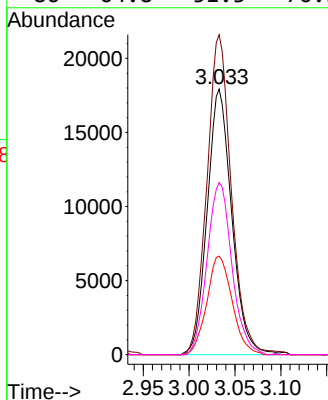
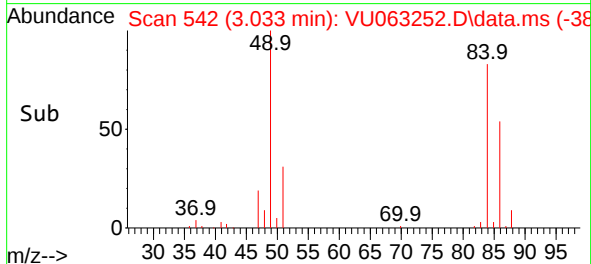
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



Tgt Ion: 84 Resp: 33380
Ion Ratio Lower Upper
84 100
49 120.5 96.4 144.6
51 37.1 0.0 74.8
86 64.8 51.3 76.9

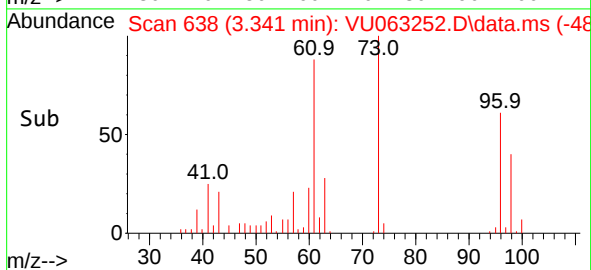
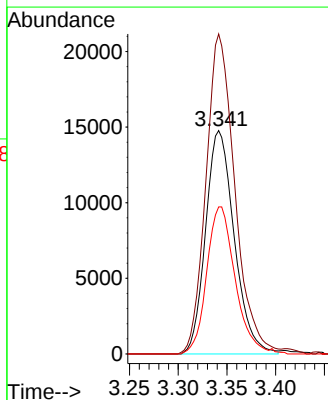
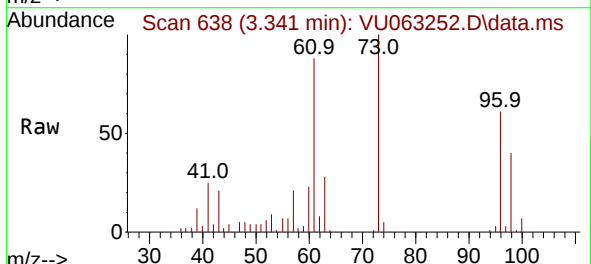
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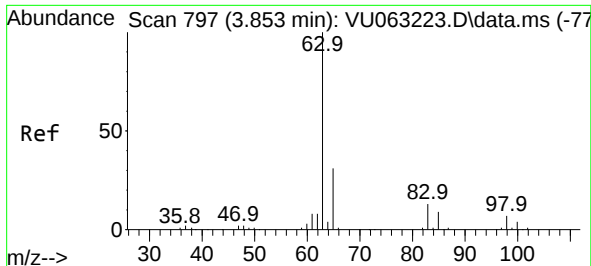
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#16
trans-1,2-Dichloroethene
Concen: 2.039 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Tgt Ion: 96 Resp: 30224
Ion Ratio Lower Upper
96 100
61 143.3 113.4 170.2
98 65.9 51.2 76.8





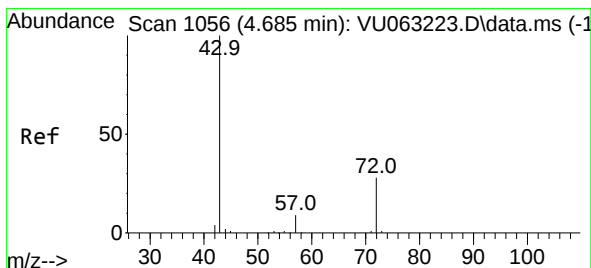
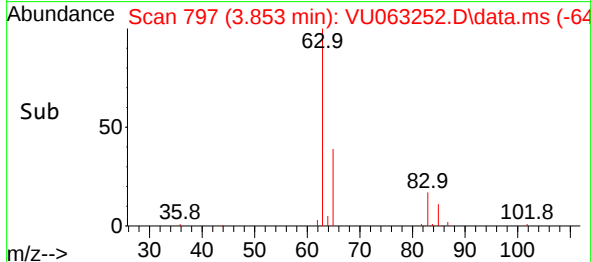
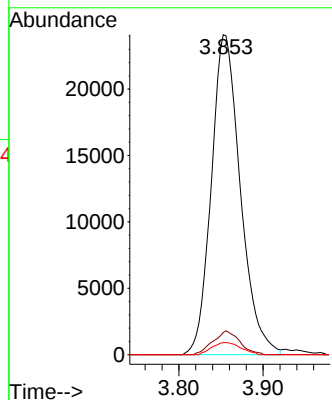
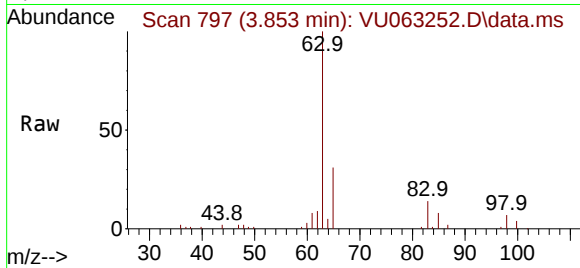
#17
1,1-Dichloroethane
Concen: 2.066 ug/l
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01

Tgt Ion: 63 Resp: 57710
Ion Ratio Lower Upper
63 100
98 6.9 3.3 9.9
100 3.7 2.1 6.2

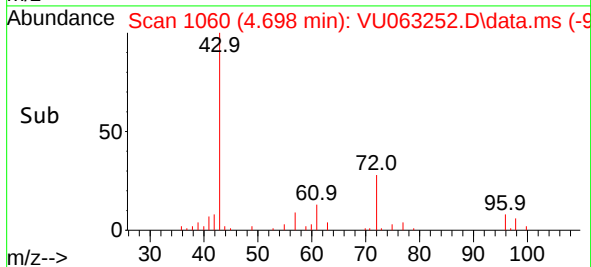
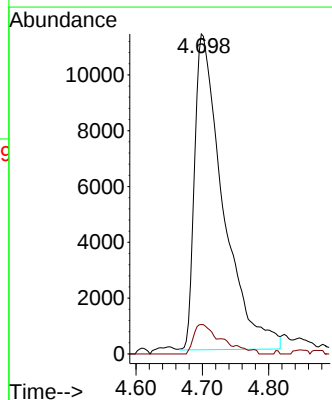
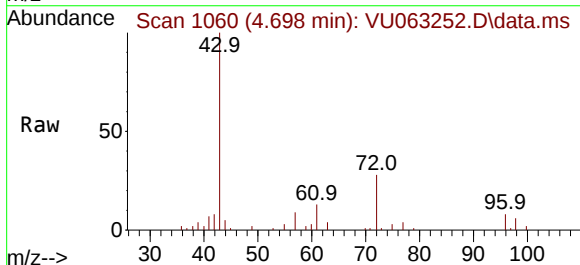
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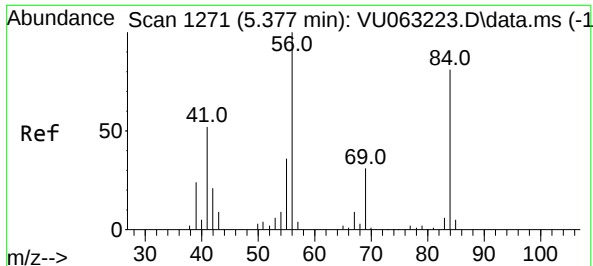
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#18
2-Butanone
Concen: 9.200 ug/l
RT: 4.698 min Scan# 1060
Delta R.T. 0.013 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Tgt Ion: 43 Resp: 33717
Ion Ratio Lower Upper
43 100
57 9.4 0.0 17.0





#19

Cyclohexane

Concen: 1.998 ug/l m

RT: 5.373 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Instrument :

MSVOA_U

ClientSampleId :

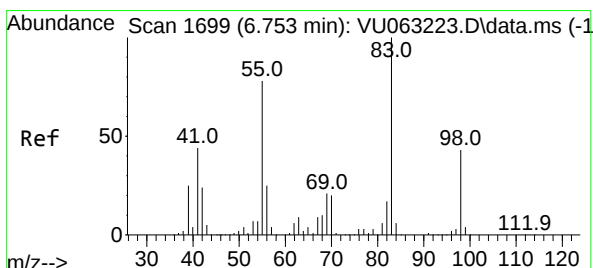
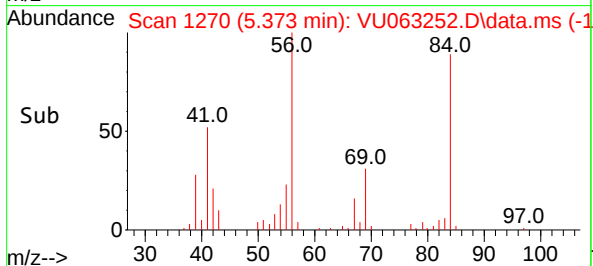
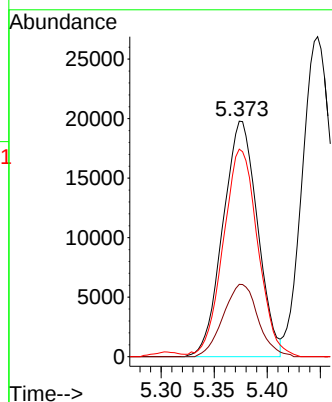
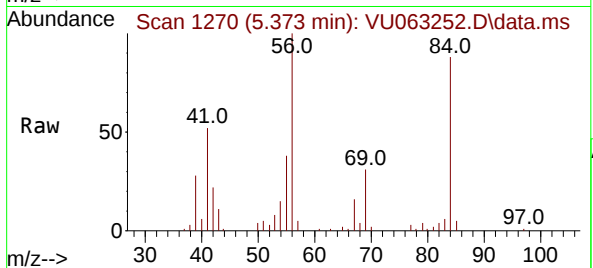
VU0212WBSD01

Tgt Ion:	56	Resp:	44849
Ion Ratio	Lower	Upper	
56	100		
69	30.9	24.5	36.7
84	86.6	65.2	97.8

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Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#20

Methylcyclohexane

Concen: 2.022 ug/l

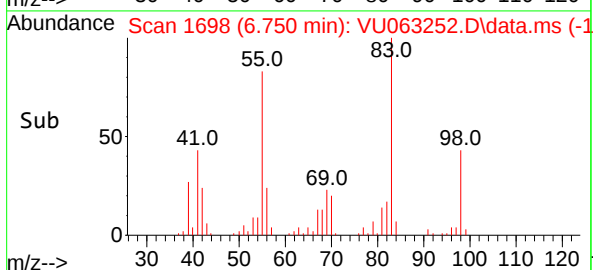
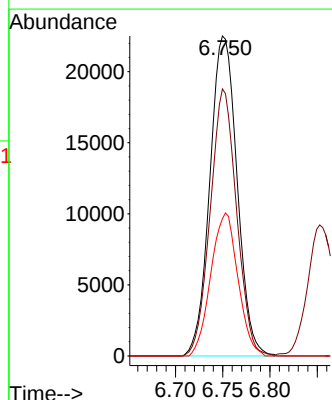
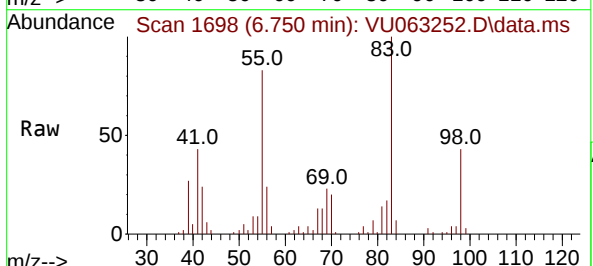
RT: 6.750 min Scan# 1698

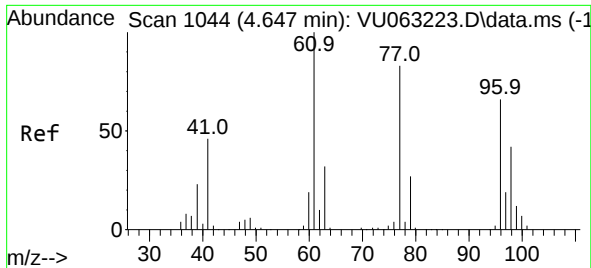
Delta R.T. -0.003 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Tgt Ion:	83	Resp:	45015
Ion Ratio	Lower	Upper	
83	100		
55	80.7	63.1	94.7
98	44.5	35.2	52.8





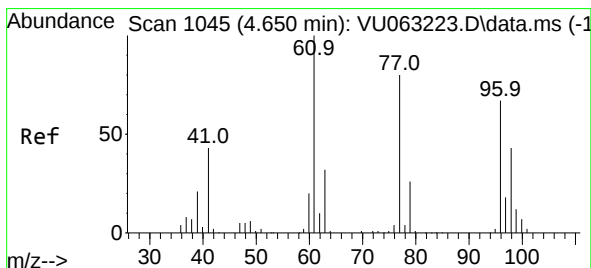
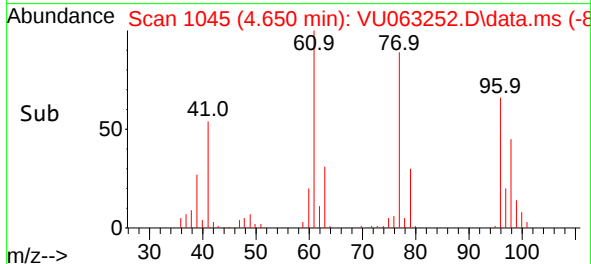
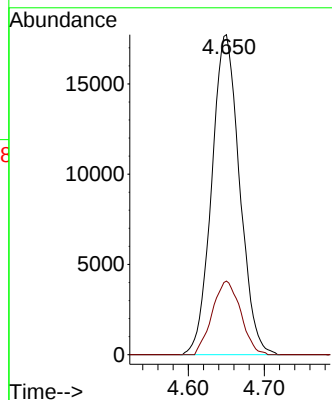
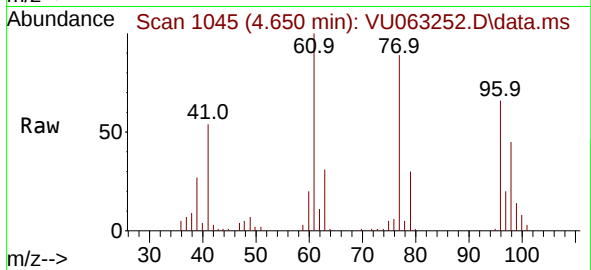
#21
2,2-Dichloropropane
Concen: 2.072 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01

Tgt Ion: 77 Resp: 4515
Ion Ratio Lower Upper
77 100
97 23.4 18.5 27.7

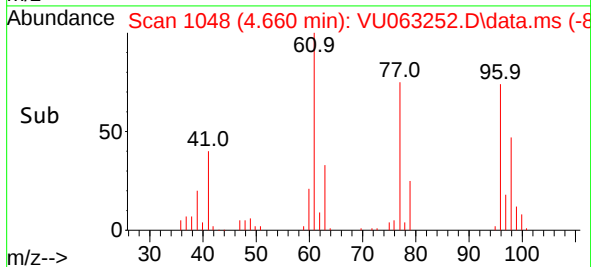
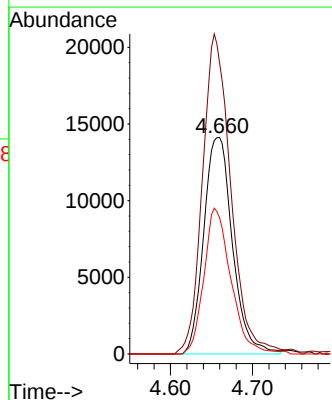
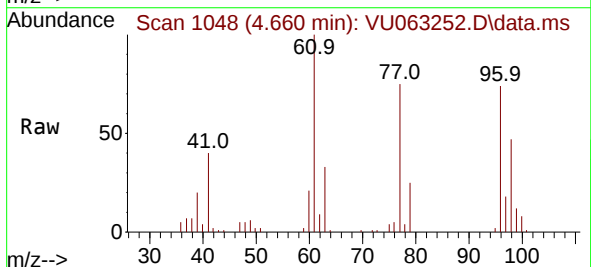
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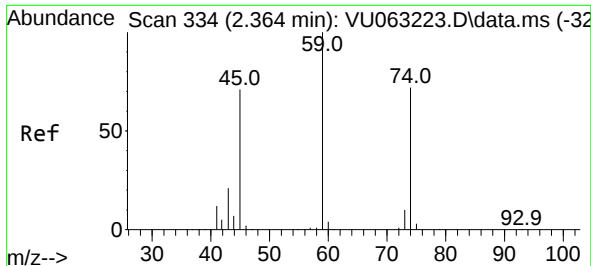
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#22
cis-1,2-Dichloroethene
Concen: 2.143 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

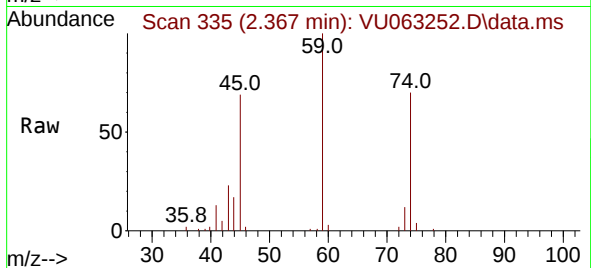
Tgt Ion: 96 Resp: 34321
Ion Ratio Lower Upper
96 100
61 145.5 0.0 373.3
98 63.1 31.9 95.9





#23
Diethyl Ether
Concen: 2.085 ug/l
RT: 2.367 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

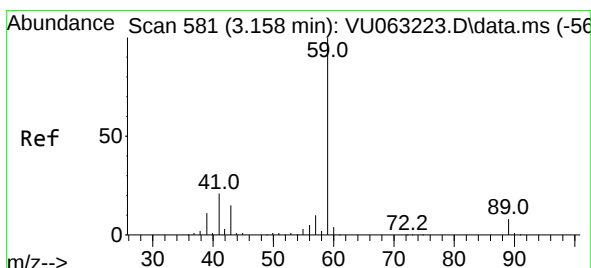
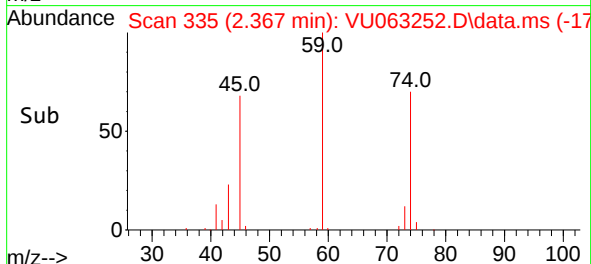
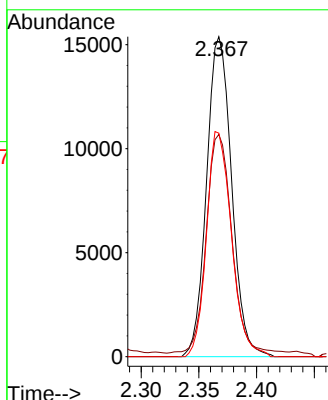
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



Tgt Ion: 59 Resp: 2323
Ion Ratio Lower Upper
59 100
45 69.5 57.8 86.6
74 70.1 57.7 86.5

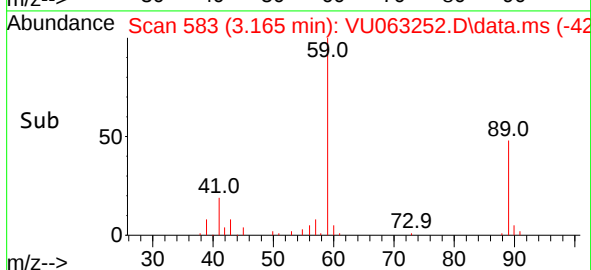
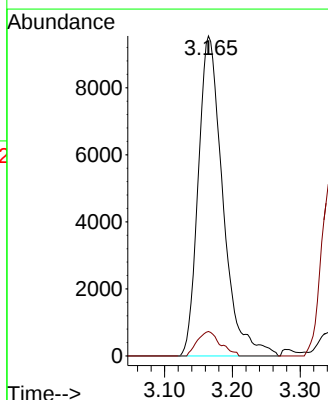
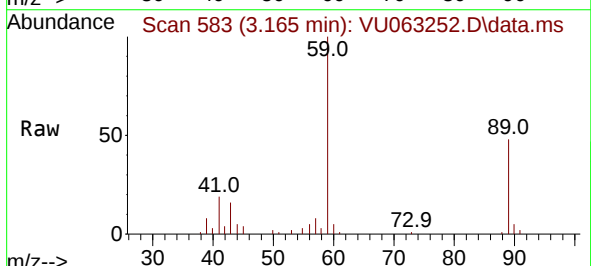
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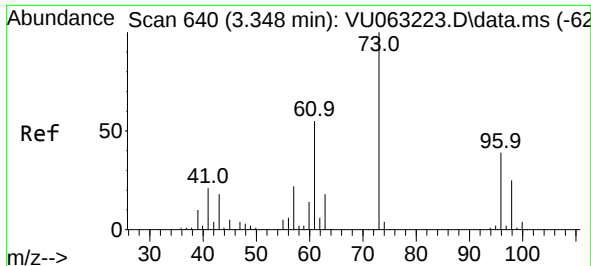
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#24
tert-Butyl Alcohol
Concen: 15.625 ug/l
RT: 3.165 min Scan# 583
Delta R.T. 0.006 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

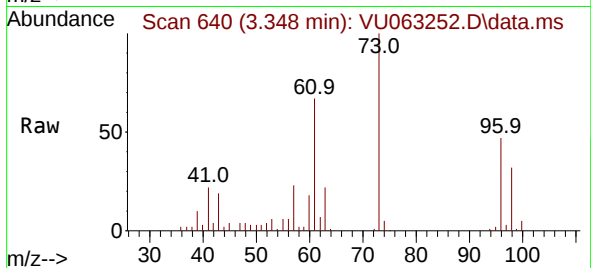
Tgt Ion: 59 Resp: 24034
Ion Ratio Lower Upper
59 100
57 7.2 7.5 11.3#





#25
Methyl tert-Butyl Ether
Concen: 2.019 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

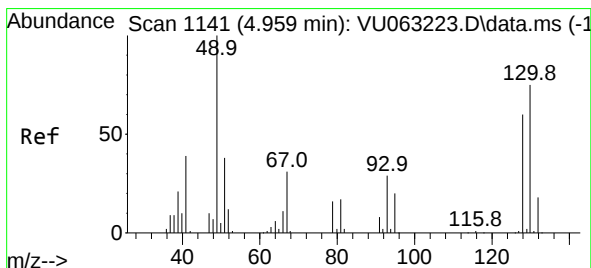
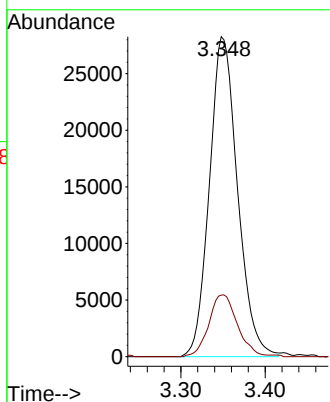
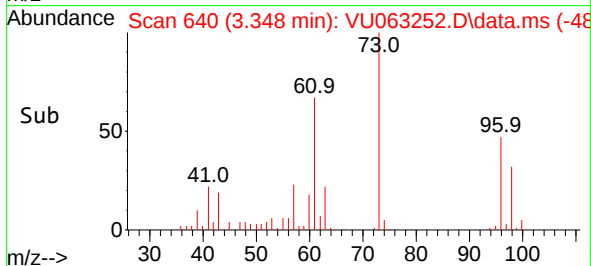
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



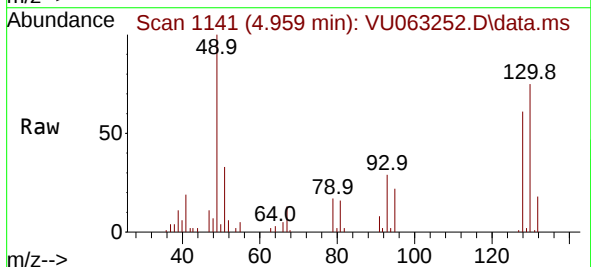
Tgt Ion: 73 Resp: 65478
Ion Ratio Lower Upper
73 100
43 19.7 14.9 22.3

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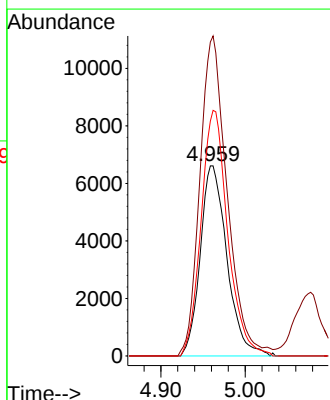
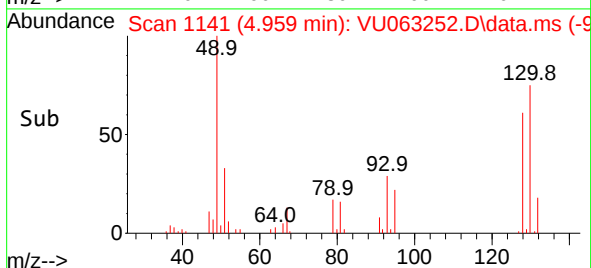
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

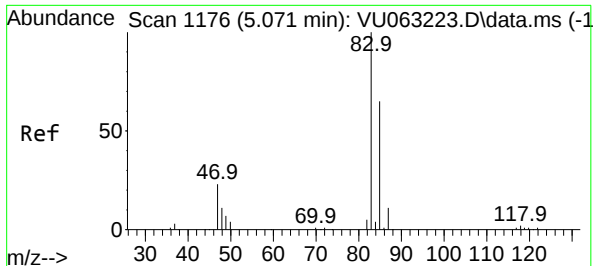


#26
Bromochloromethane
Concen: 2.083 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20



Tgt Ion:128 Resp: 14577
Ion Ratio Lower Upper
128 100
49 171.6 0.0 343.4
130 129.1 102.9 154.3





#27

Chloroform

Concen: 2.129 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Instrument :

MSVOA_U

ClientSampleId :

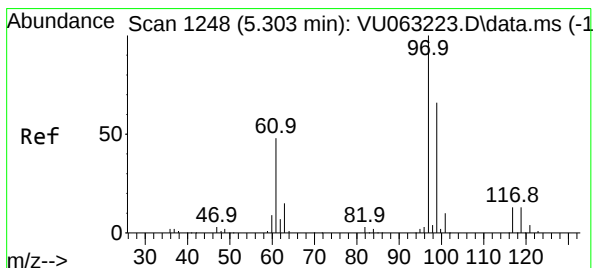
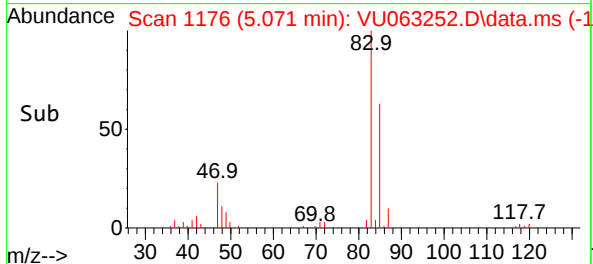
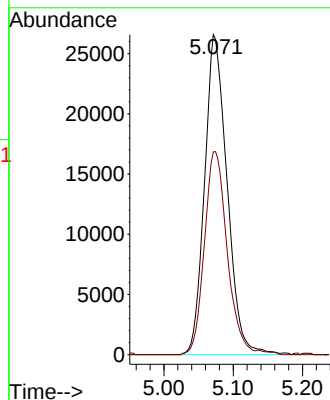
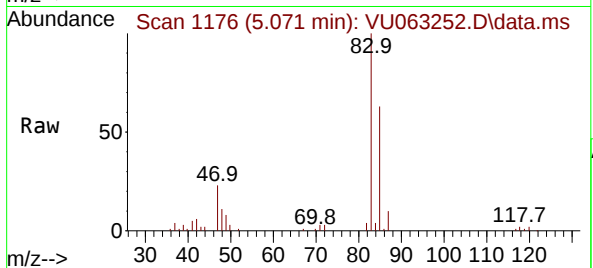
VU0212WBSD01

Tgt Ion: 83 Resp: 60010
 Ion Ratio Lower Upper
 83 100
 85 63.4 0.0 129.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#28

1,1,1-Trichloroethane

Concen: 2.074 ug/l

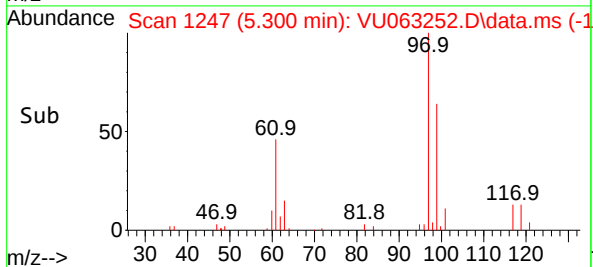
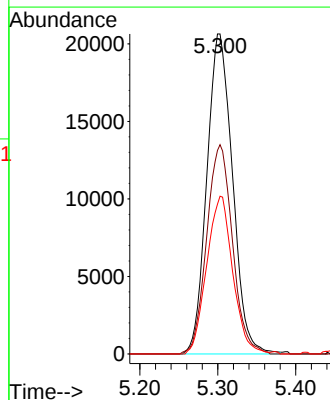
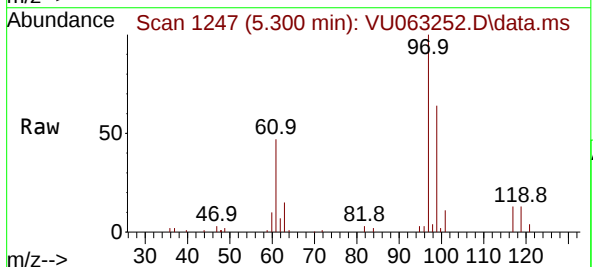
RT: 5.300 min Scan# 1247

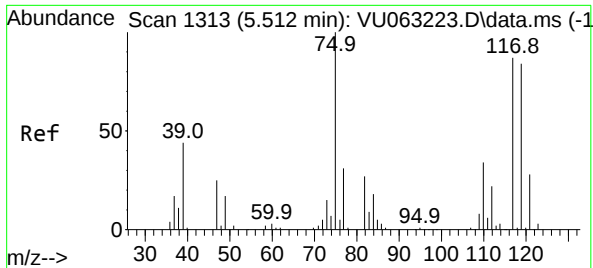
Delta R.T. -0.003 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

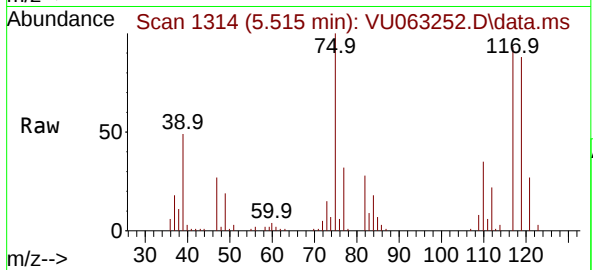
Tgt Ion: 97 Resp: 47367
 Ion Ratio Lower Upper
 97 100
 99 65.6 32.4 97.0
 61 49.8 23.8 71.2





#29
1,1-Dichloropropene
Concen: 2.056 ug/l
RT: 5.515 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

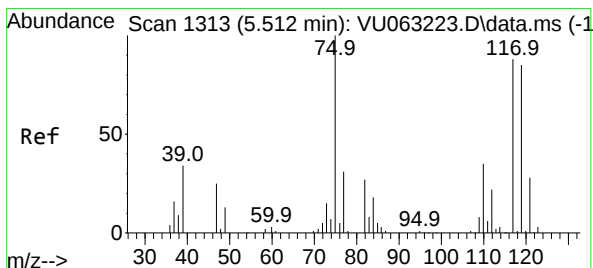
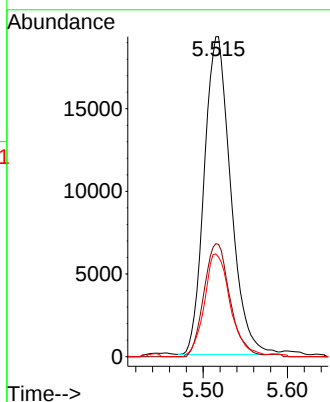
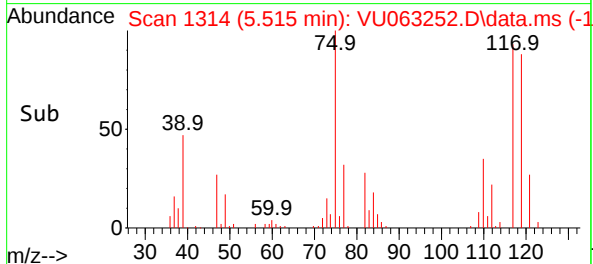
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



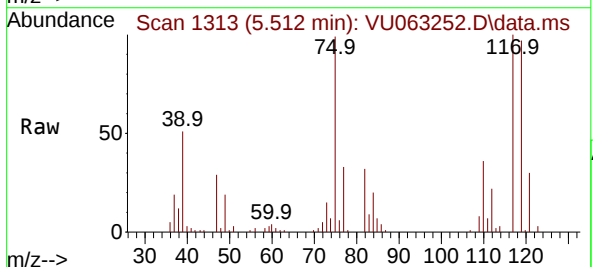
Tgt Ion: 75 Resp: 4205
Ion Ratio Lower Upper
75 100
110 34.9 17.2 51.5
77 31.8 24.6 37.0

Manual Integrations
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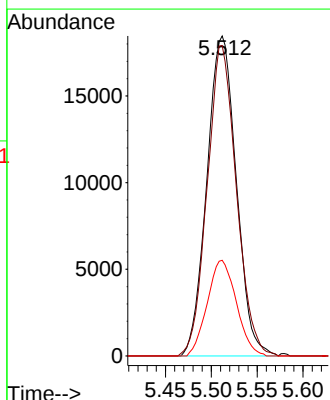
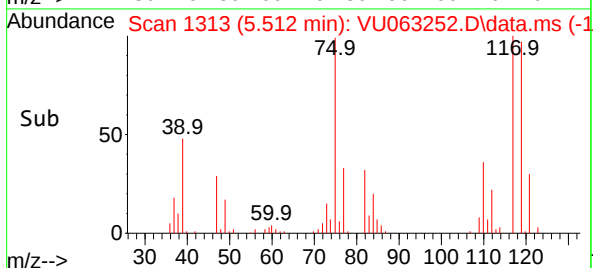
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

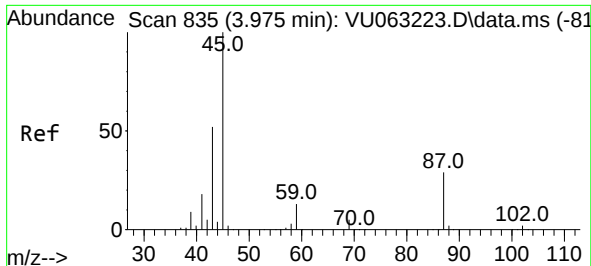


#30
Carbon Tetrachloride
Concen: 2.106 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20



Tgt Ion:117 Resp: 41248
Ion Ratio Lower Upper
117 100
119 97.0 76.7 115.1
121 29.9 25.5 38.3





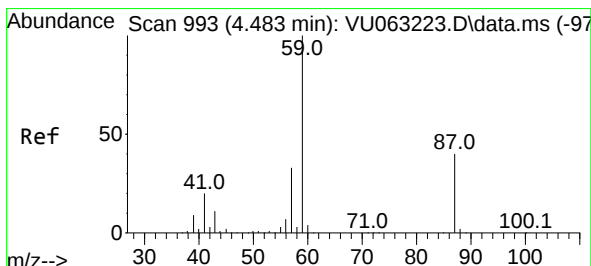
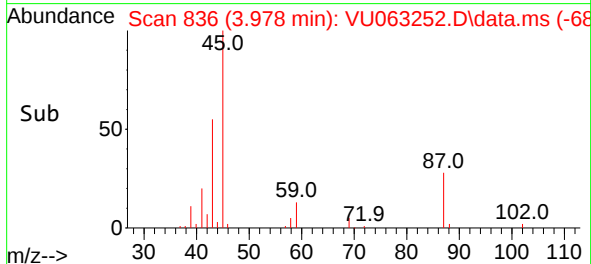
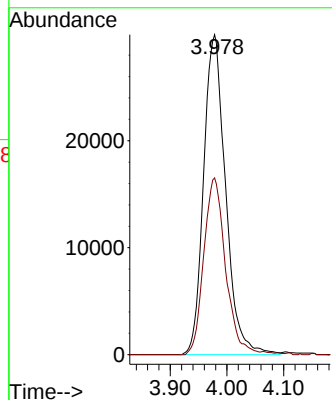
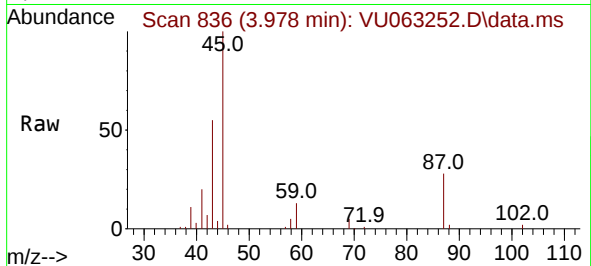
#31
Isopropyl Ether
Concen: 2.025 ug/l
RT: 3.978 min Scan# 835
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01

Tgt Ion: 45 Resp: 80738
Ion Ratio Lower Upper
45 100
43 54.5 25.7 77.1

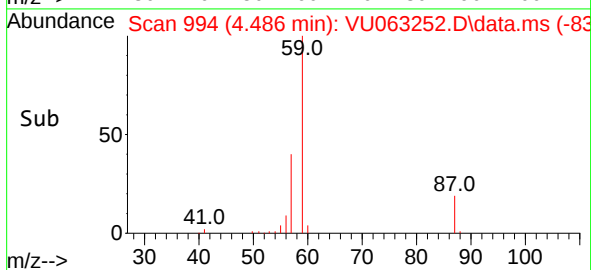
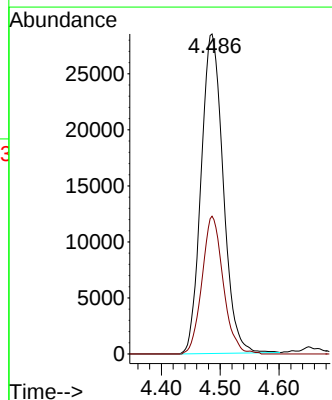
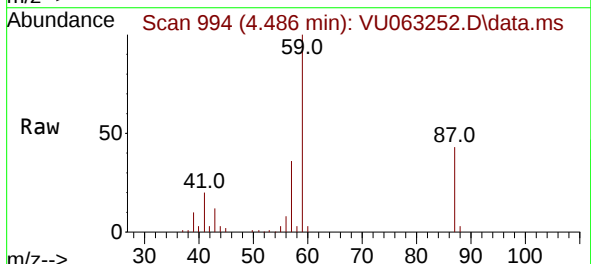
Manual Integrations
APPROVED

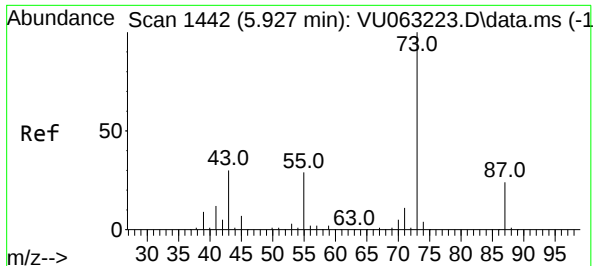
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#32
Ethyl-t-butyl ether
Concen: 2.053 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

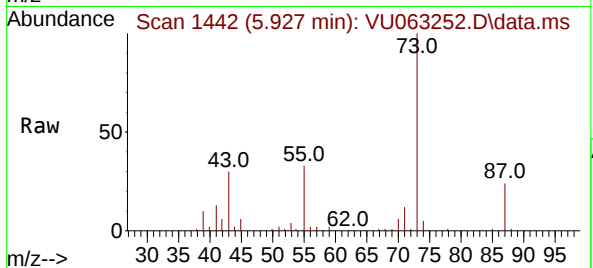
Tgt Ion: 59 Resp: 74455
Ion Ratio Lower Upper
59 100
87 41.3 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 2.077 ug/l
RT: 5.927 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

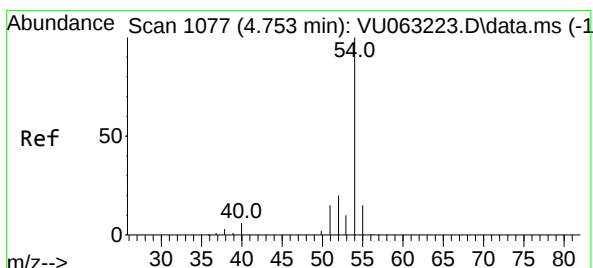
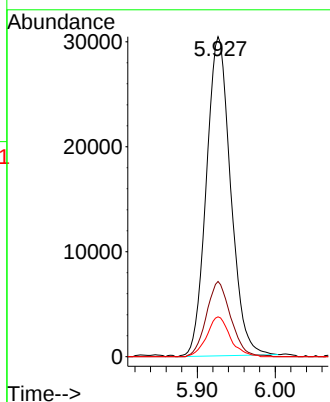
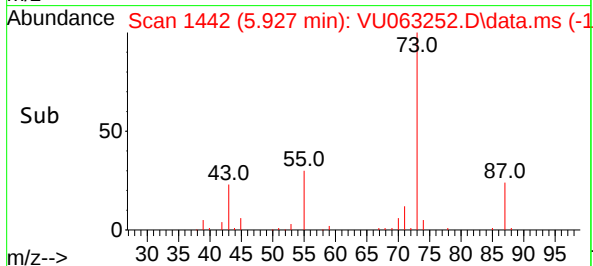
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



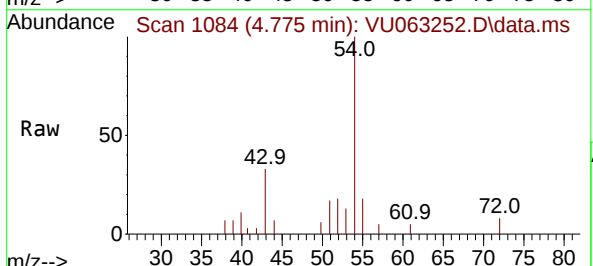
Tgt Ion: 73 Resp: 6582
Ion Ratio Lower Upper
73 100
87 23.6 18.9 28.3
71 12.1 9.0 13.4

Manual Integrations
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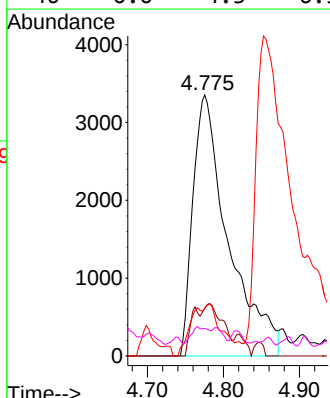
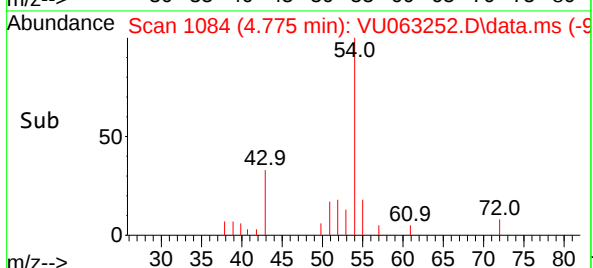
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

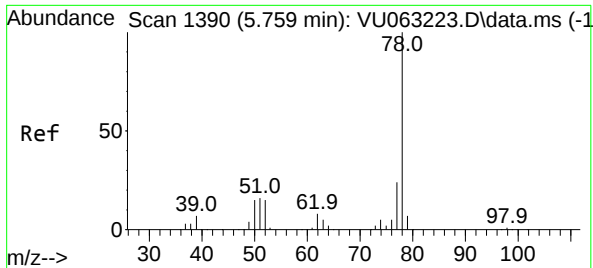


#34
Propionitrile
Concen: 9.798 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.022 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20



Tgt Ion: 54 Resp: 10831
Ion Ratio Lower Upper
54 100
52 10.5 16.3 24.5#
55 0.0 11.8 17.6#
40 0.0 4.3 6.5#





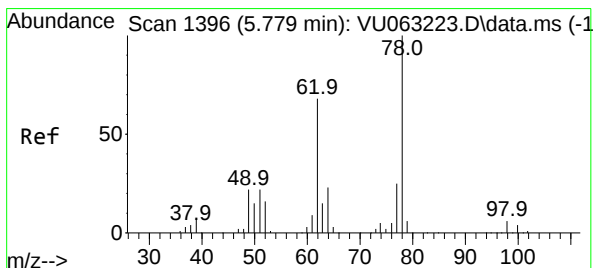
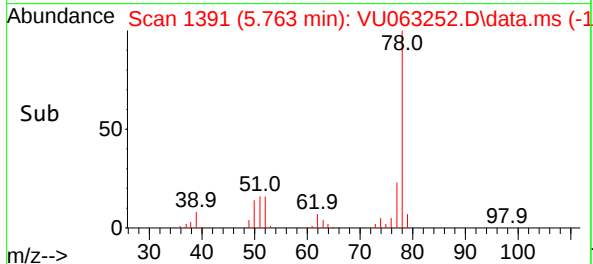
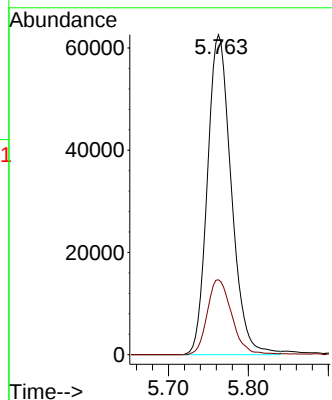
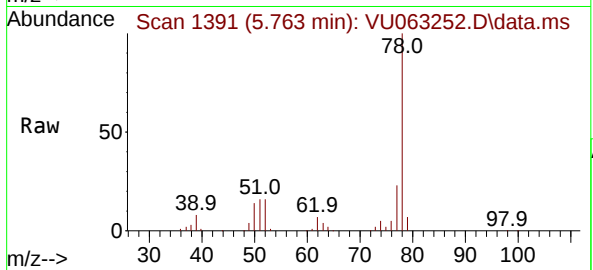
#35
Benzene
Concen: 2.065 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01

Tgt Ion: 78 Resp: 12984
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

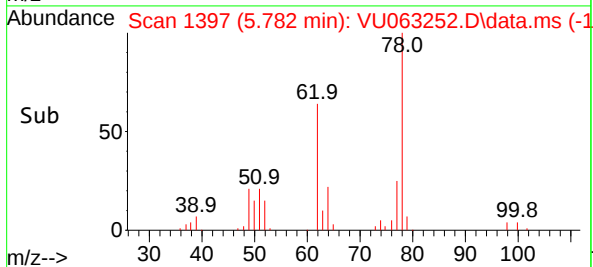
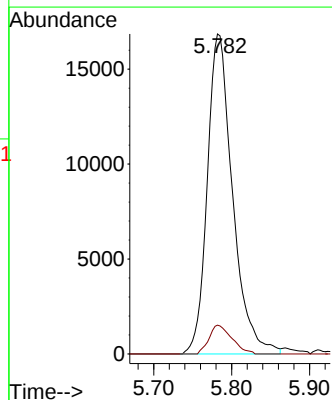
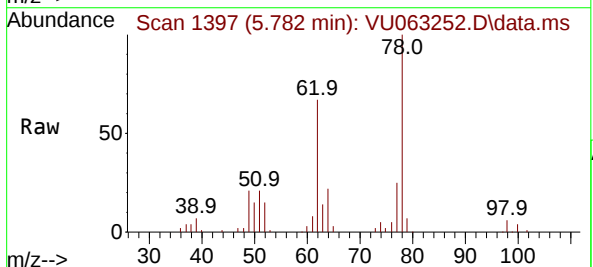
Manual Integrations
APPROVED

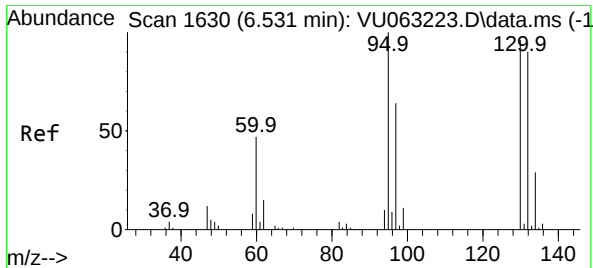
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#36
1,2-Dichloroethane
Concen: 2.099 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Tgt Ion: 62 Resp: 38095
Ion Ratio Lower Upper
62 100
98 8.1 6.9 10.3





#37

Trichloroethene

Concen: 2.104 ug/l

RT: 6.534 min Scan# 1631

Delta R.T. 0.003 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Instrument :

MSVOA_U

ClientSampleId :

VU0212WBSD01

Tgt Ion:130 Resp: 3147

Ion Ratio Lower Upper

130 100

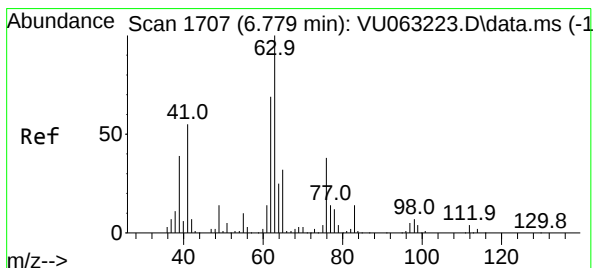
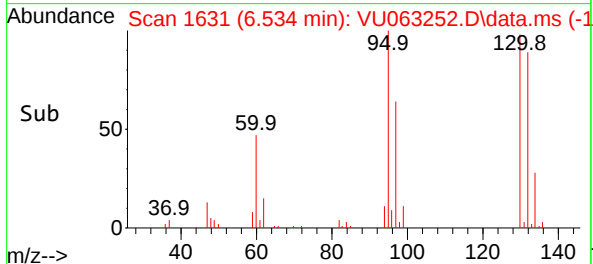
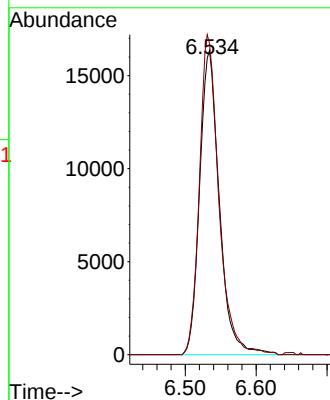
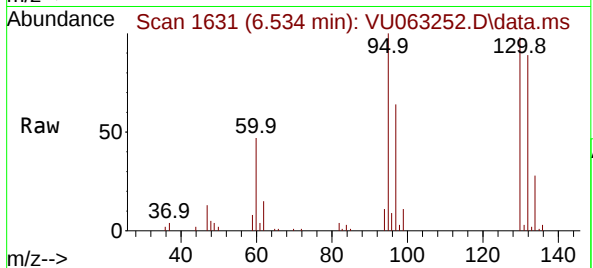
95 102.3 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#38

1,2-Dichloropropane

Concen: 2.087 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU063252.D

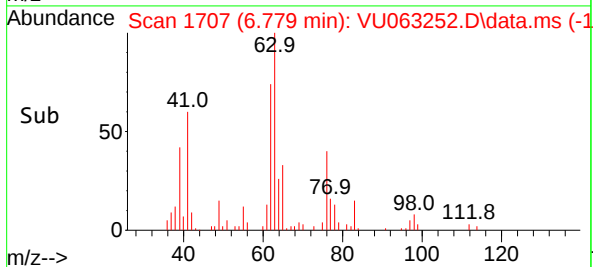
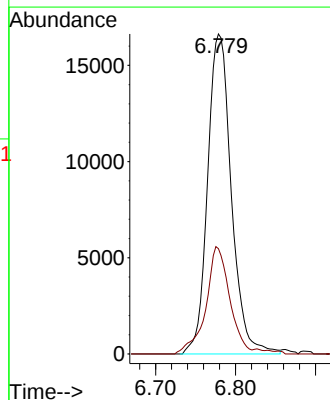
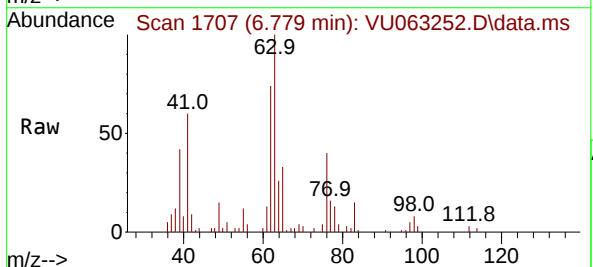
Acq: 12 Feb 2025 13:20

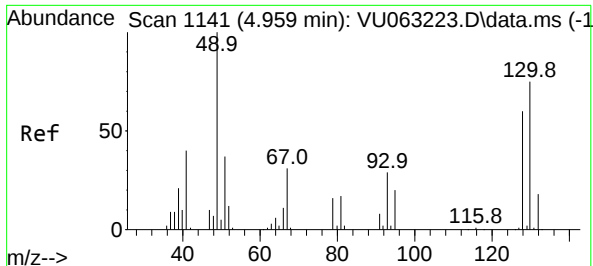
Tgt Ion: 63 Resp: 34356

Ion Ratio Lower Upper

63 100

65 32.1 25.3 37.9





#39

Methacrylonitrile

Concen: 1.899 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.010 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Instrument :

MSVOA_U

ClientSampleId :

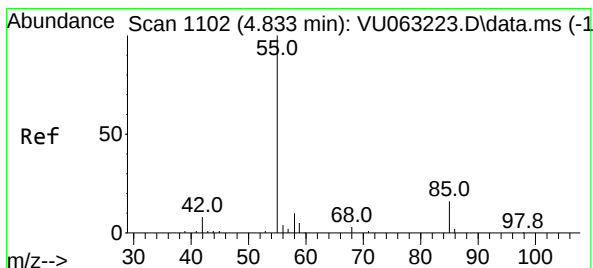
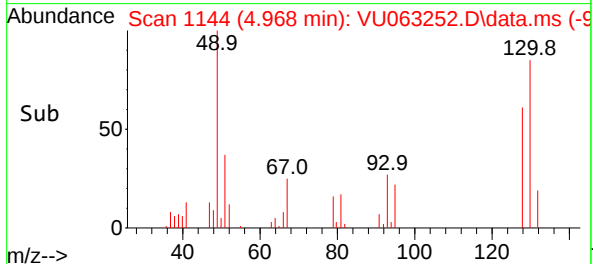
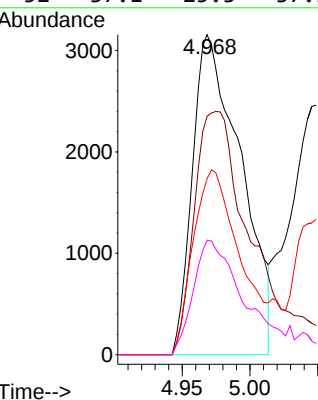
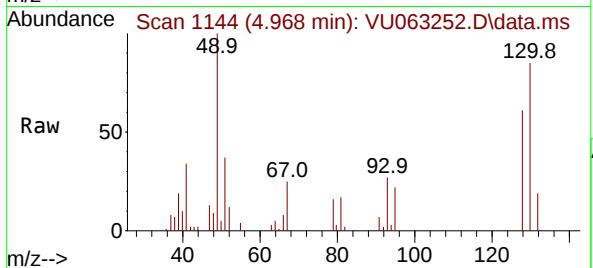
VU0212WBSD01

Tgt Ion: 41	Resp: 782
Ion Ratio	Lower Upper
41 100	
67 92.7	64.5 96.7
39 56.4	43.0 64.6
52 37.1	25.3 37.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#40

Methyl acrylate

Concen: 2.032 ug/l m

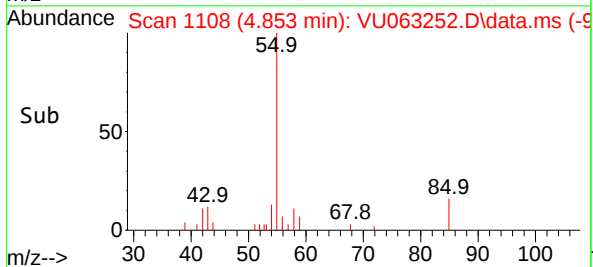
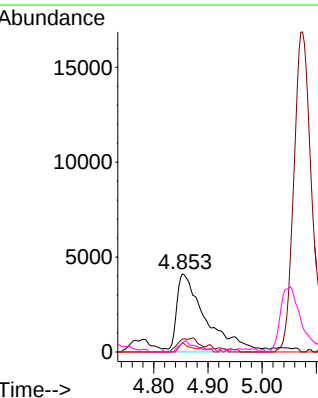
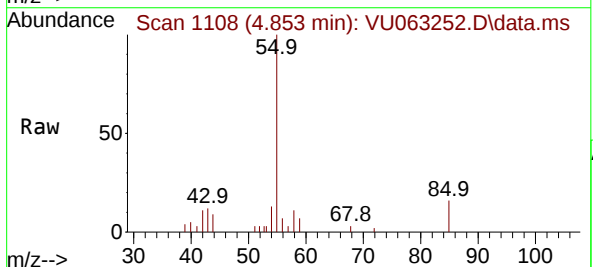
RT: 4.853 min Scan# 1108

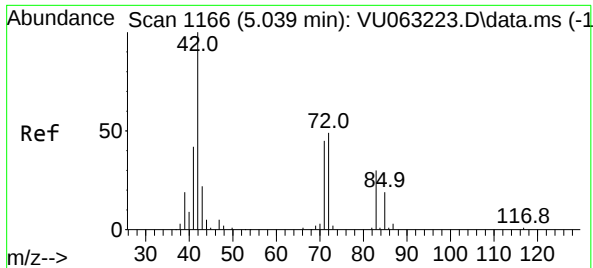
Delta R.T. 0.019 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Tgt Ion: 55	Resp: 15431
Ion Ratio	Lower Upper
55 100	
85 0.0	13.3 19.9#
58 4.2	7.3 10.9#
42 7.3	6.9 10.3





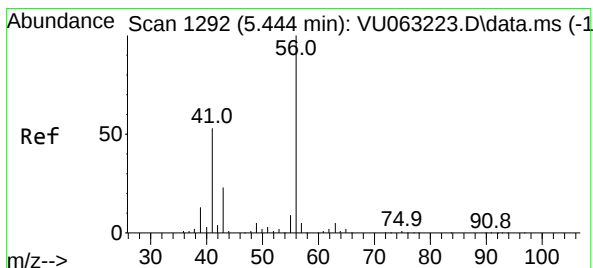
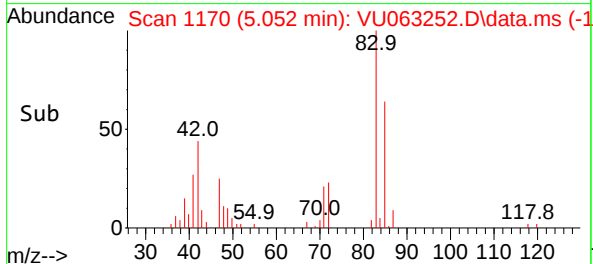
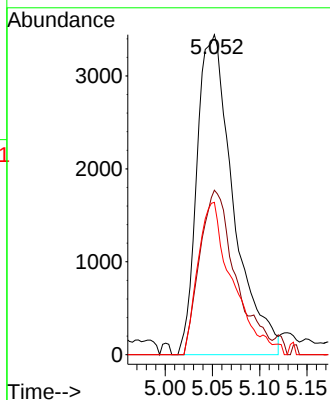
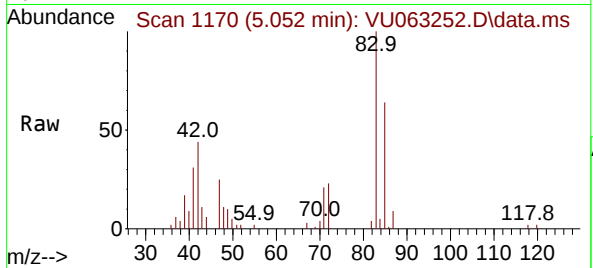
#41
Tetrahydrofuran
Concen: 3.841 ug/l
RT: 5.052 min Scan# 1166
Delta R.T. 0.013 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01

Tgt Ion: 42 Resp: 920
Ion Ratio Lower Upper
42 100
72 51.0 41.5 62.3
71 45.5 37.2 55.8

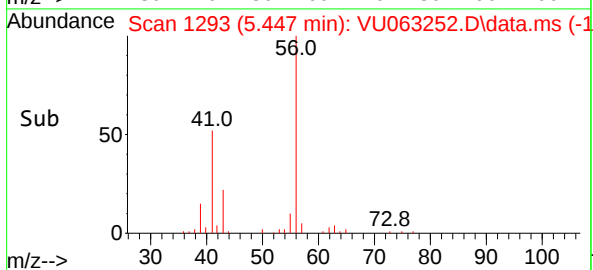
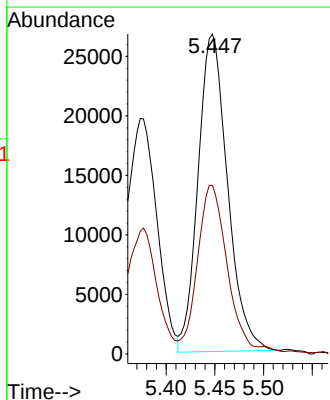
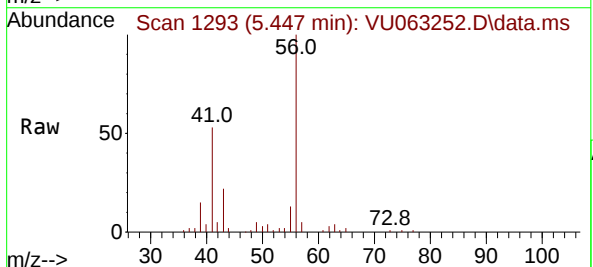
Manual Integrations
APPROVED

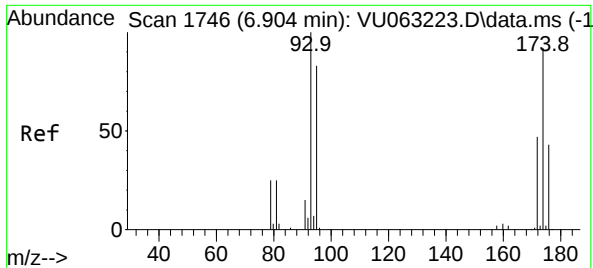
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#42
1-Chlorobutane
Concen: 2.006 ug/l
RT: 5.447 min Scan# 1293
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

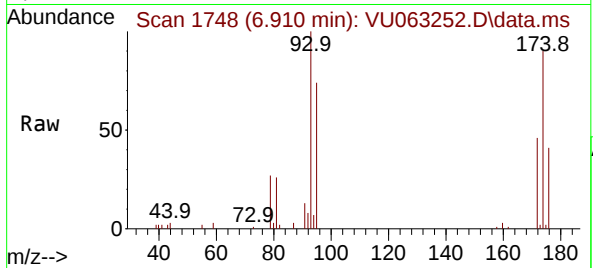
Tgt Ion: 56 Resp: 56138
Ion Ratio Lower Upper
56 100
41 49.5 26.3 78.8





#43
Dibromomethane
Concen: 2.076 ug/l
RT: 6.910 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

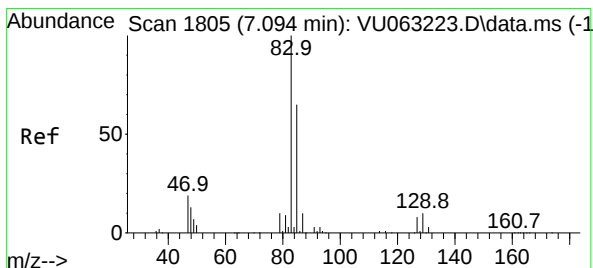
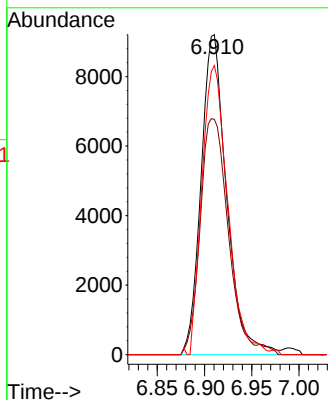
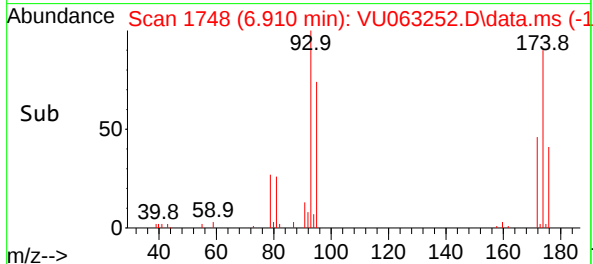
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



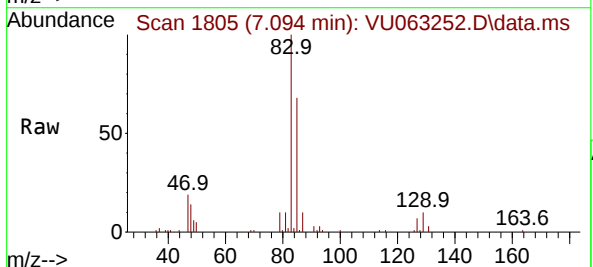
Tgt Ion: 93 Resp: 1730
Ion Ratio Lower Upper
93 100
95 79.8 67.2 100.8
174 91.2 75.7 113.5

Manual Integrations
APPROVED

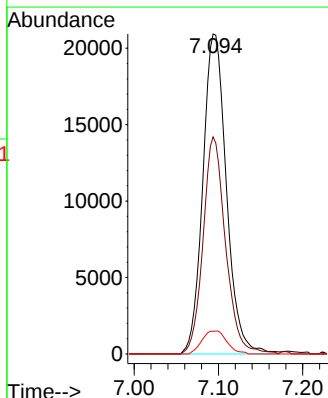
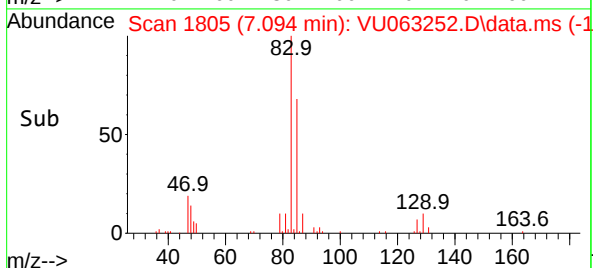
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

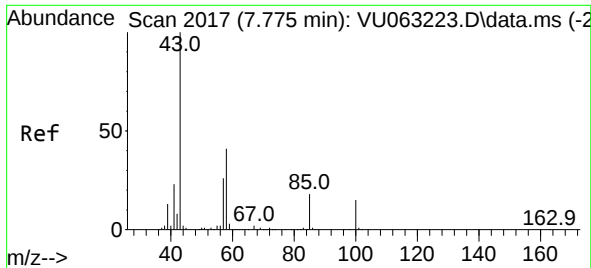


#44
Bromodichloromethane
Concen: 2.101 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20



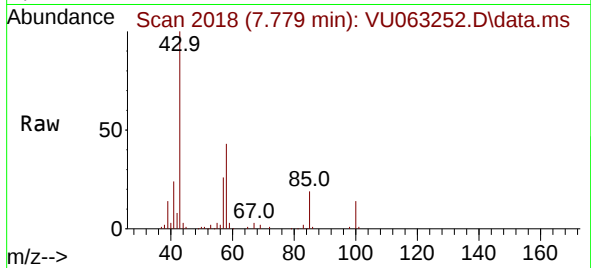
Tgt Ion: 83 Resp: 40765
Ion Ratio Lower Upper
83 100
85 67.9 51.7 77.5
127 7.1 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 9.715 ug/l
RT: 7.779 min Scan# 2017
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

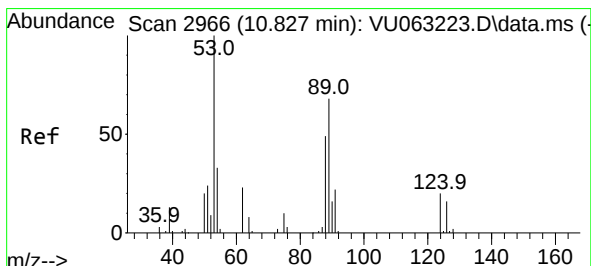
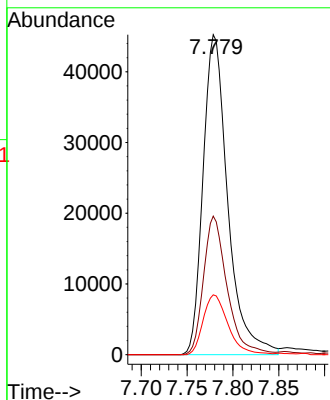
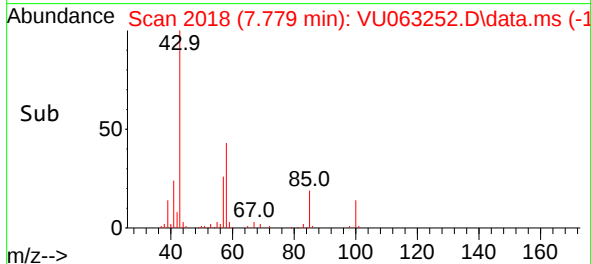
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



Tgt Ion: 43 Resp: 8488
Ion Ratio Lower Upper
43 100
58 41.3 20.8 62.5
85 18.8 14.8 22.2

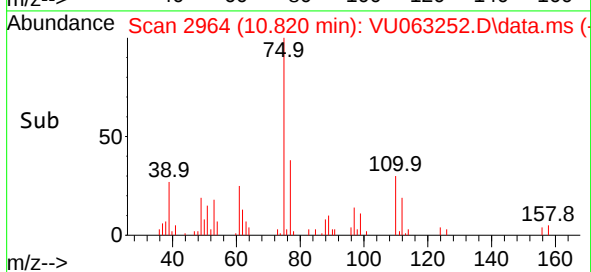
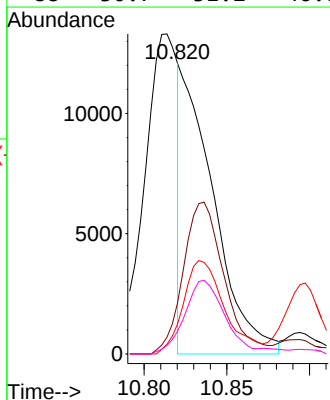
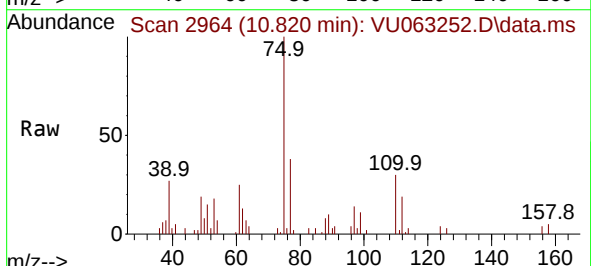
Manual Integrations
APPROVED

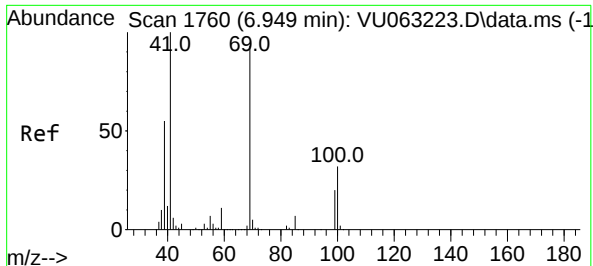
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#46
t-1,4-Dichloro-2-butene
Concen: 4.048 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.006 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Tgt Ion: 75 Resp: 16629
Ion Ratio Lower Upper
75 100
53 64.9 64.5 96.7
89 40.4 43.4 65.2#
88 30.7 31.2 46.8#





#47

Methyl methacrylate

Concen: 4.075 ug/l

RT: 6.952 min Scan# 1761

Delta R.T. 0.003 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Instrument :

MSVOA_U

ClientSampleId :

VU0212WBSD01

Tgt Ion: 69 Resp: 28600

Ion Ratio Lower Upper

69 100

41 102.5 0.0 217.0

39 61.5 47.7 71.5

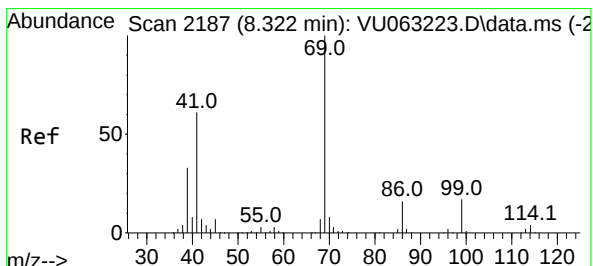
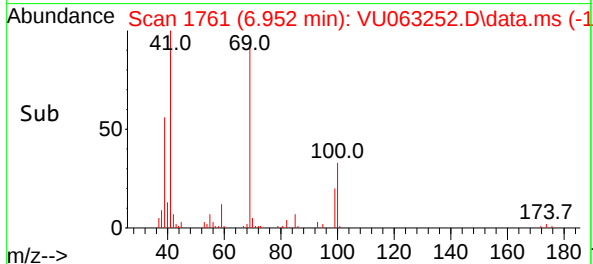
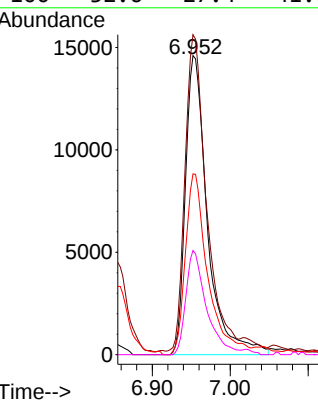
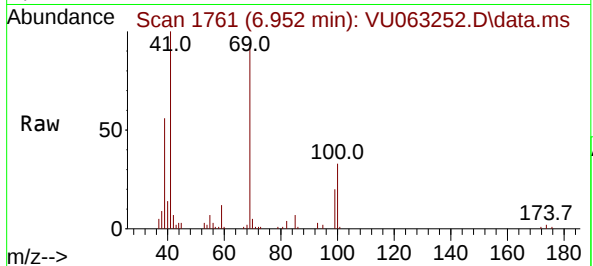
100 32.6 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#48

Ethyl methacrylate

Concen: 1.956 ug/l

RT: 8.325 min Scan# 2188

Delta R.T. 0.003 min

Lab File: VU063252.D

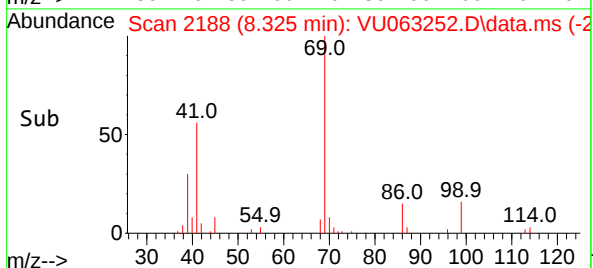
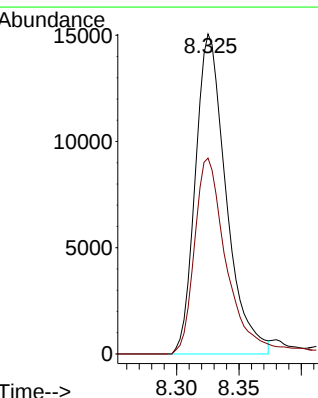
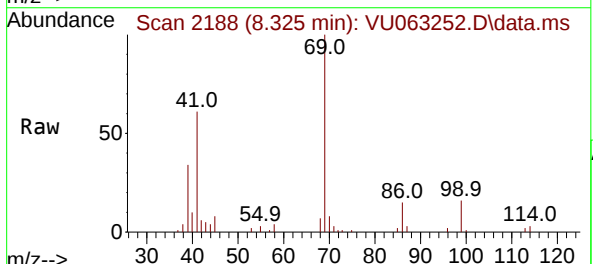
Acq: 12 Feb 2025 13:20

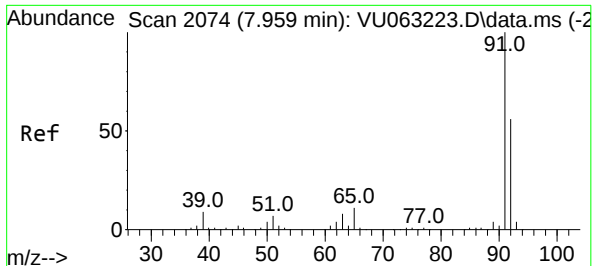
Tgt Ion: 69 Resp: 25786

Ion Ratio Lower Upper

69 100

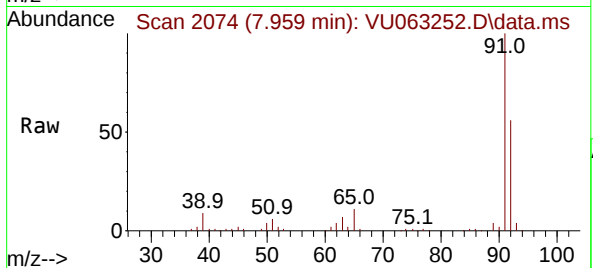
41 65.2 30.6 92.0





#49
Toluene
Concen: 2.061 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

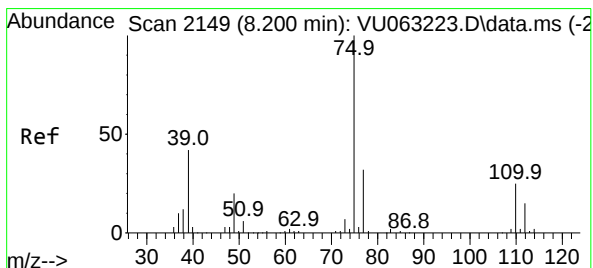
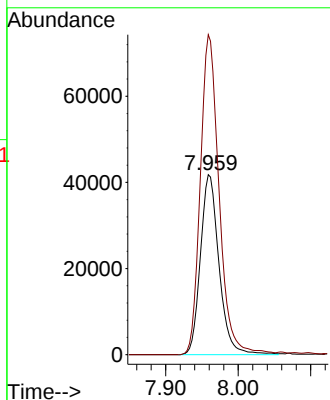
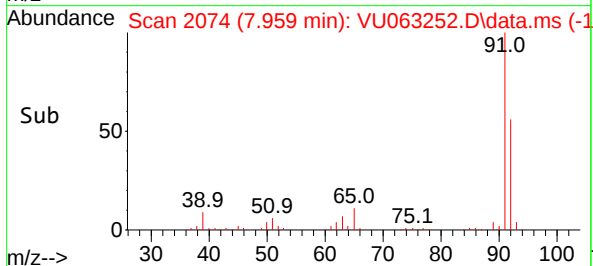
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



Tgt Ion: 92 Resp: 74520
Ion Ratio Lower Upper
92 100
91 179.2 141.8 212.6

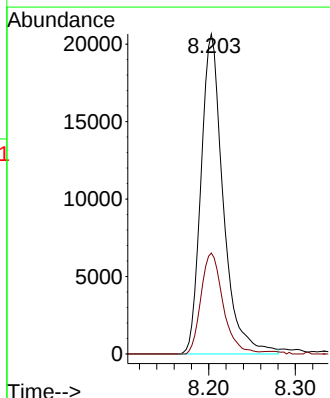
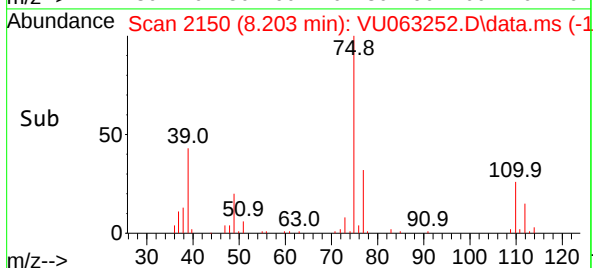
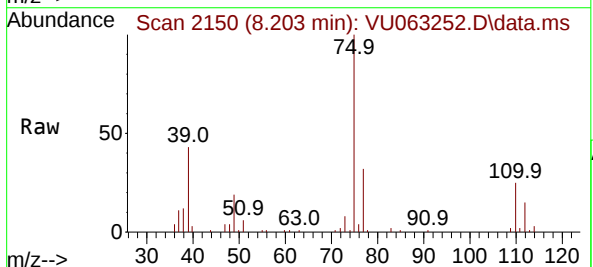
Manual Integrations
APPROVED

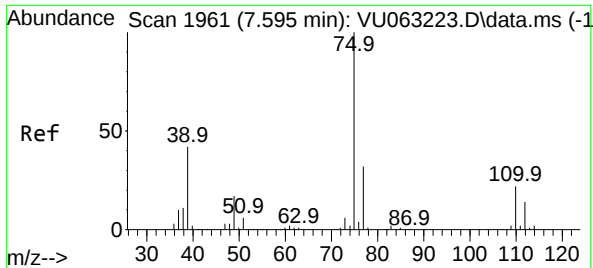
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#50
t-1,3-Dichloropropene
Concen: 2.071 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

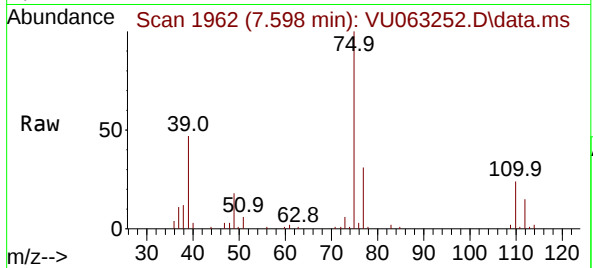
Tgt Ion: 75 Resp: 36777
Ion Ratio Lower Upper
75 100
77 31.5 25.9 38.9





#51
 cis-1,3-Dichloropropene
 Concen: 1.997 ug/l
 RT: 7.598 min Scan# 1961
 Delta R.T. 0.003 min
 Lab File: VU063252.D
 Acq: 12 Feb 2025 13:20

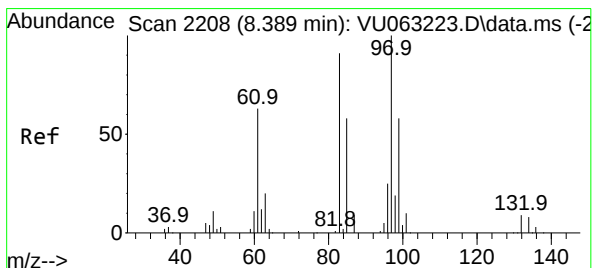
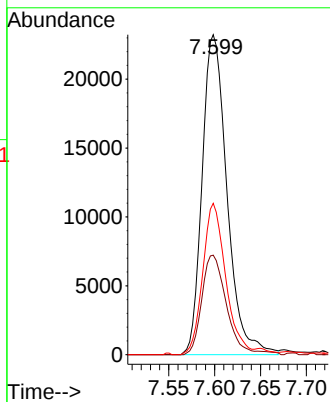
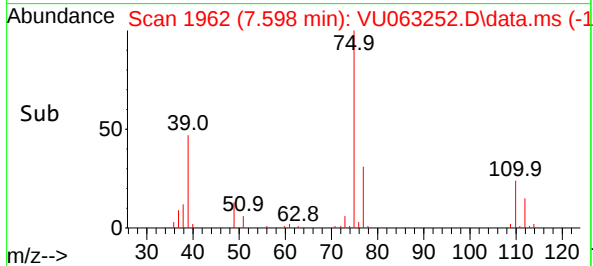
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0212WBSD01



Tgt Ion: 75 Resp: 43800
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 47.3 33.5 50.3

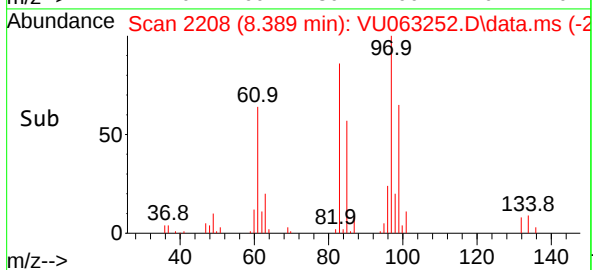
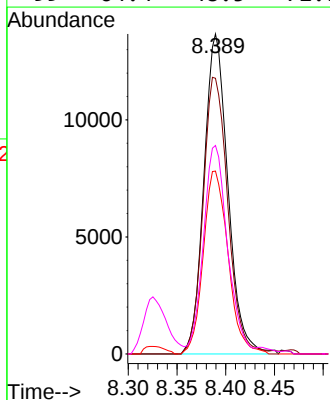
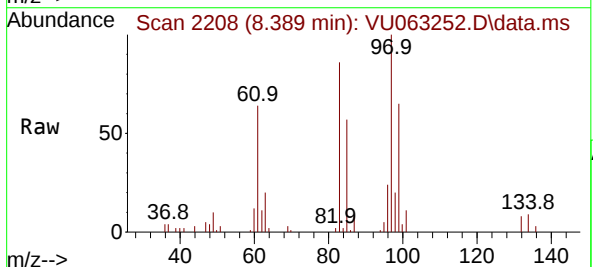
Manual Integrations
 APPROVED

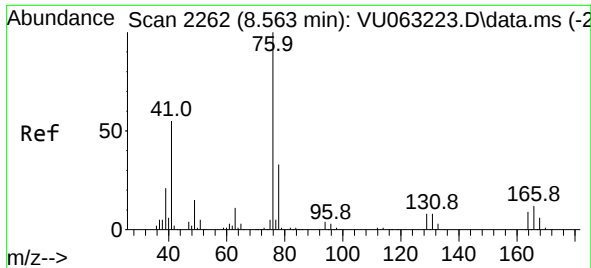
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#52
 1,1,2-Trichloroethane
 Concen: 2.089 ug/l
 RT: 8.389 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: VU063252.D
 Acq: 12 Feb 2025 13:20

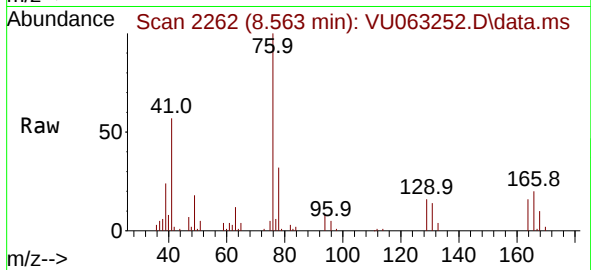
Tgt Ion: 97 Resp: 23471
 Ion Ratio Lower Upper
 97 100
 83 86.2 73.0 109.4
 85 57.1 46.3 69.5
 99 64.4 48.5 72.7





#53
1,3-Dichloropropane
Concen: 2.054 ug/l
RT: 8.563 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

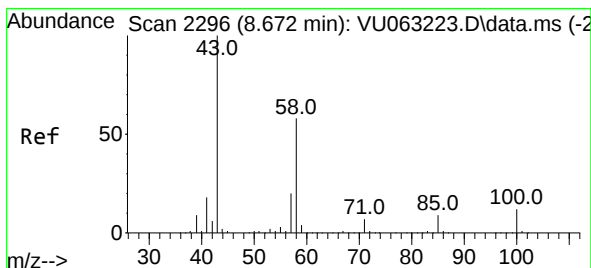
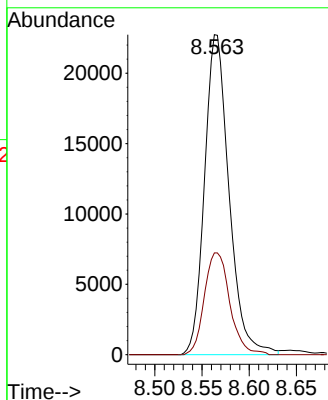
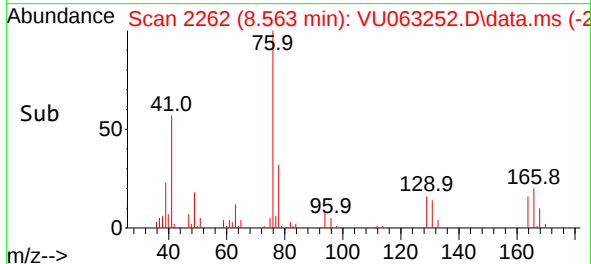
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



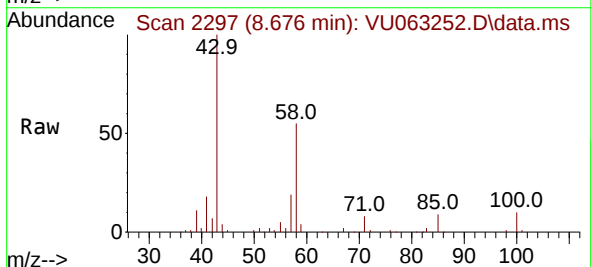
Tgt Ion: 76 Resp: 4098
Ion Ratio Lower Upper
76 100
78 33.1 26.3 39.5

Manual Integrations
APPROVED

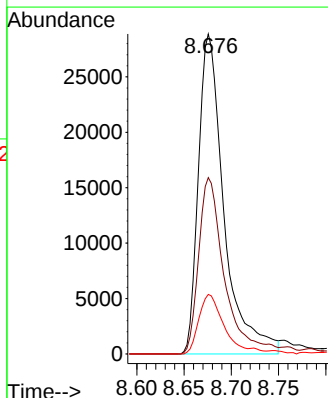
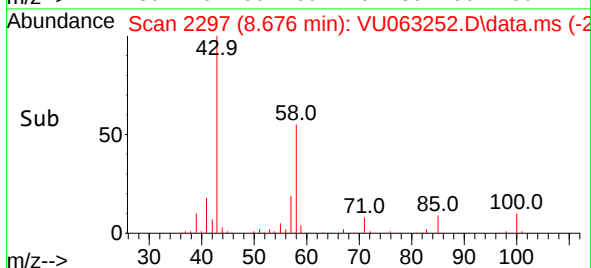
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

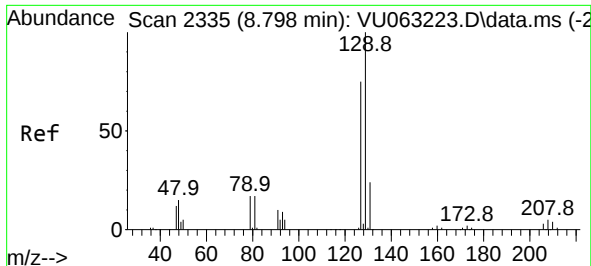


#54
2-Hexanone
Concen: 9.106 ug/l
RT: 8.676 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20



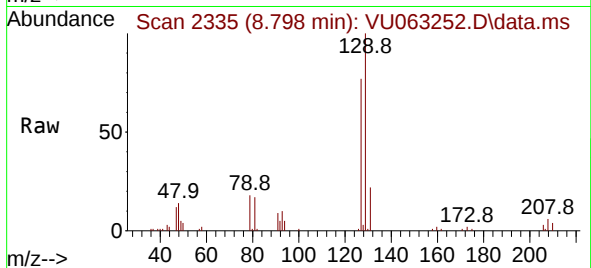
Tgt Ion: 43 Resp: 54296
Ion Ratio Lower Upper
43 100
58 55.5 38.0 78.0
57 17.8 0.0 39.1





#55
Dibromochloromethane
Concen: 2.086 ug/l
RT: 8.798 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

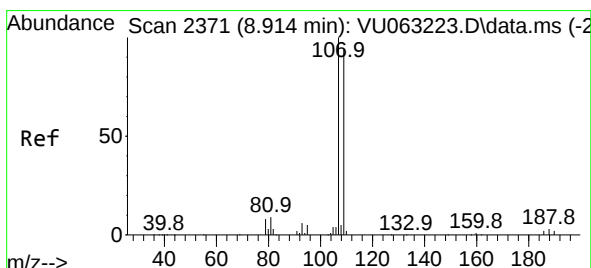
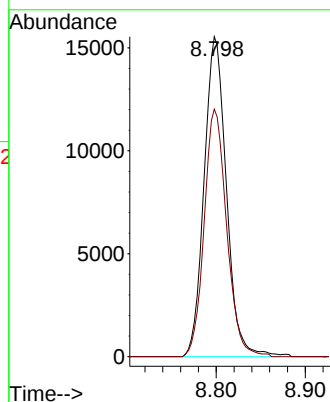
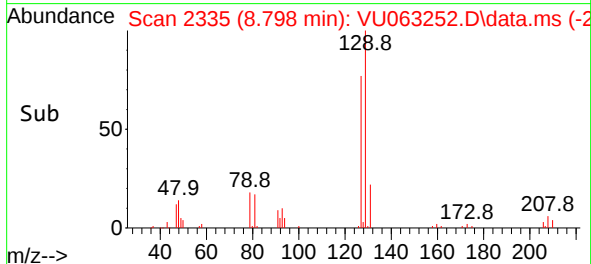
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



Tgt Ion:129 Resp: 2697
Ion Ratio Lower Upper
129 100
127 78.1 60.4 90.6

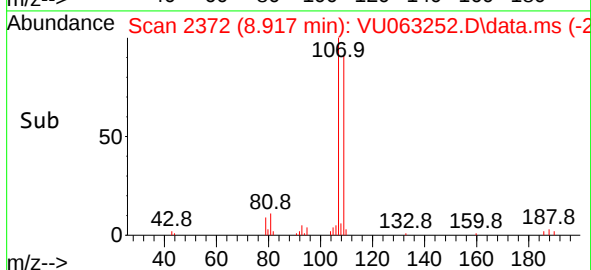
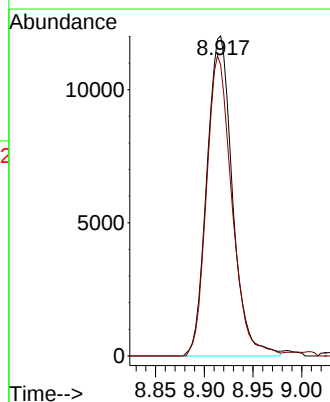
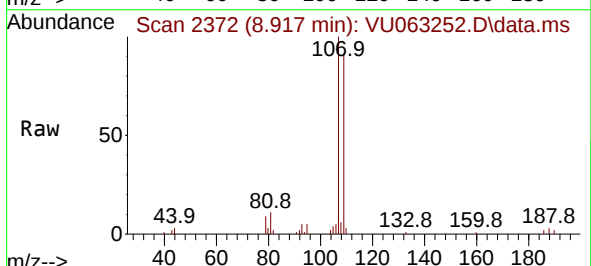
Manual Integrations
APPROVED

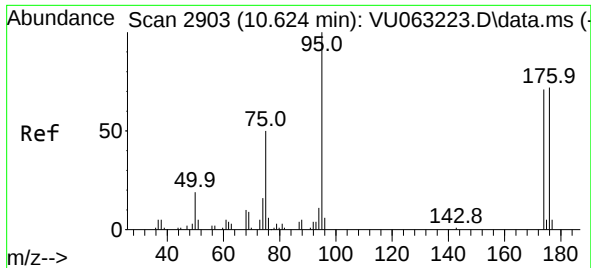
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#56
1,2-Dibromoethane
Concen: 2.082 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

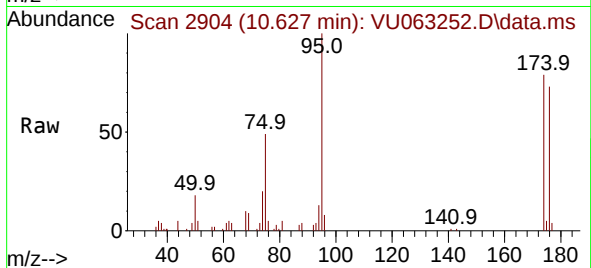
Tgt Ion:107 Resp: 21945
Ion Ratio Lower Upper
107 100
109 92.8 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 1.025 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

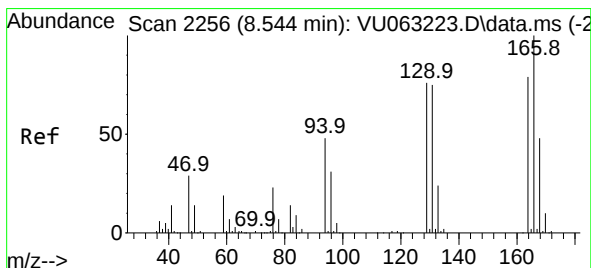
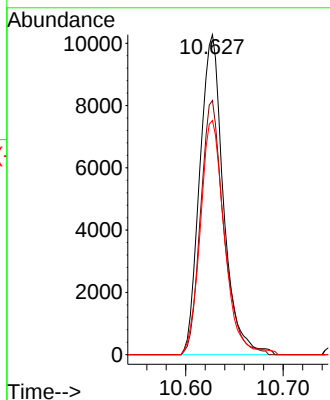
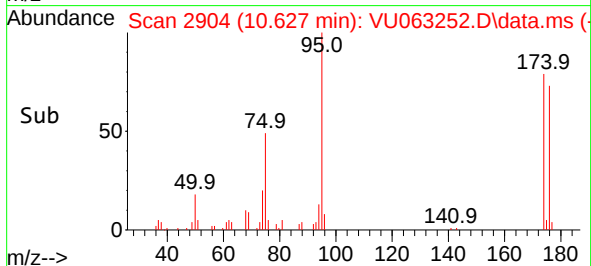
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



Tgt Ion: 95 Resp: 17310
Ion Ratio Lower Upper
95 100
174 78.2 58.6 88.0
176 74.8 58.2 87.4

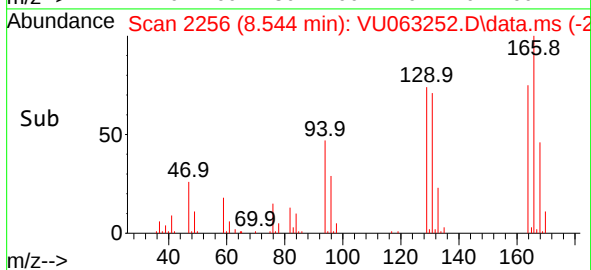
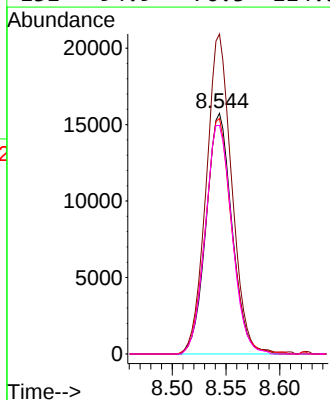
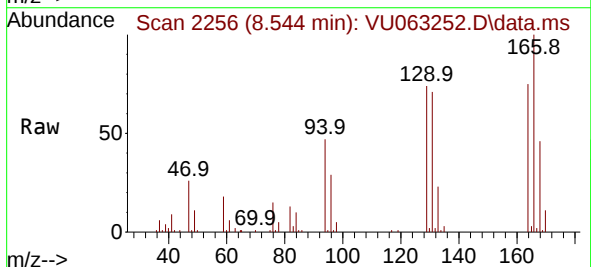
Manual Integrations
APPROVED

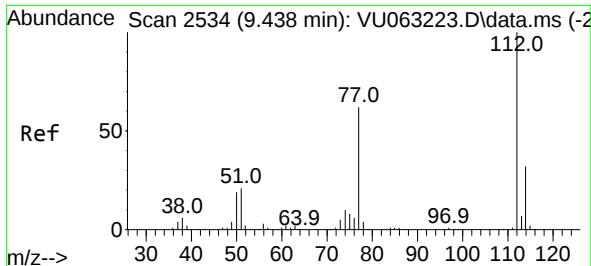
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#58
Tetrachloroethene
Concen: 2.139 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Tgt Ion:164 Resp: 26364
Ion Ratio Lower Upper
164 100
166 133.0 101.4 152.0
129 97.9 77.0 115.4
131 94.9 76.3 114.5





#59

Chlorobenzene

Concen: 2.104 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Instrument :

MSVOA_U

ClientSampleId :

VU0212WBSD01

Tgt Ion:112 Resp: 8028

Ion Ratio Lower Upper

112 100

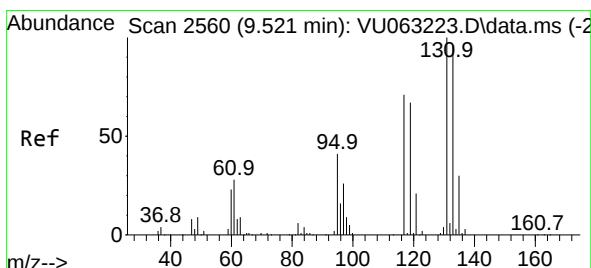
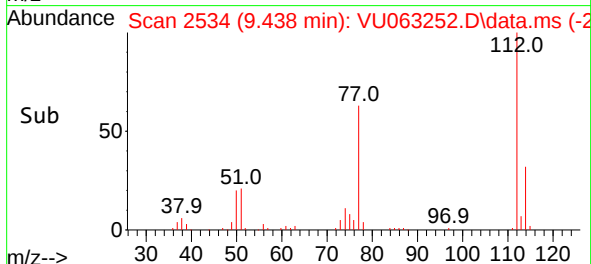
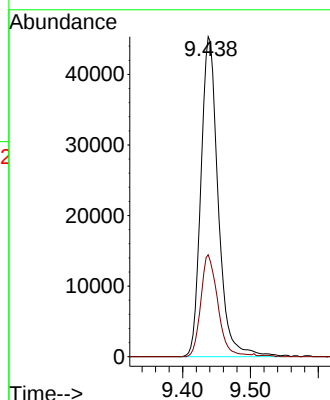
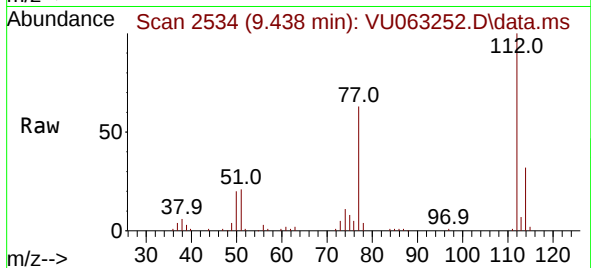
114 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 2.110 ug/l

RT: 9.521 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

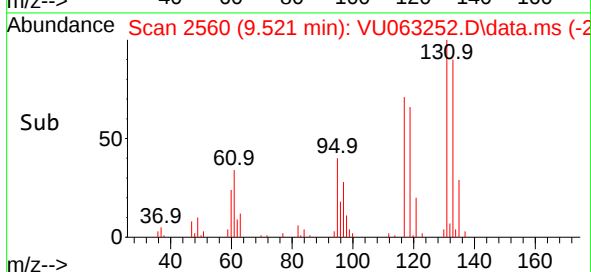
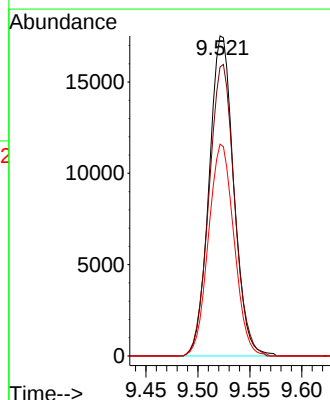
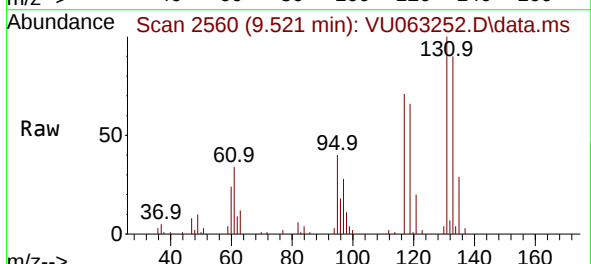
Tgt Ion:131 Resp: 28939

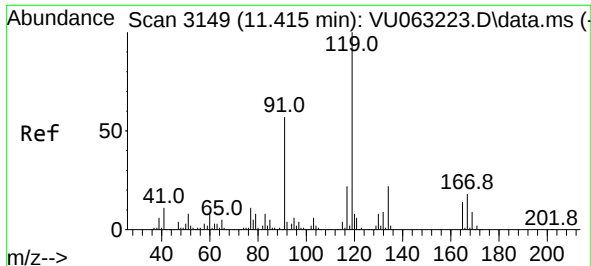
Ion Ratio Lower Upper

131 100

133 93.9 76.7 115.1

119 68.4 54.4 81.6





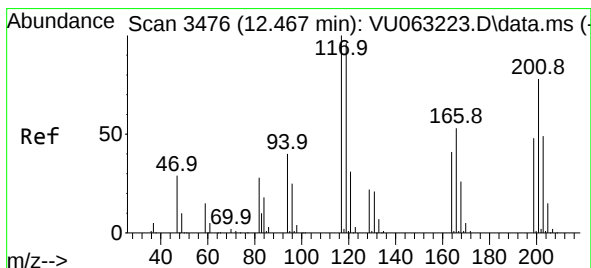
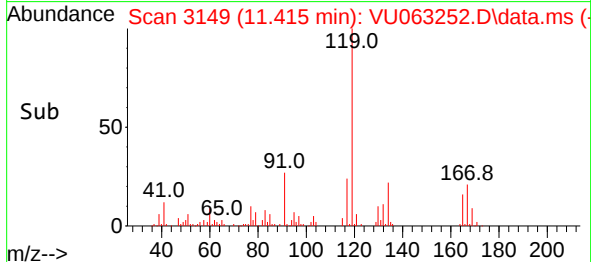
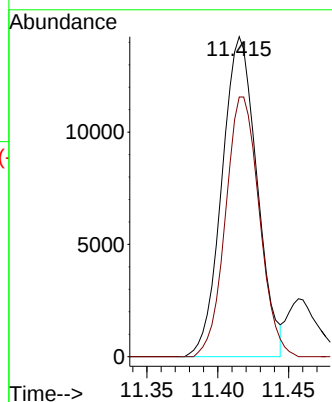
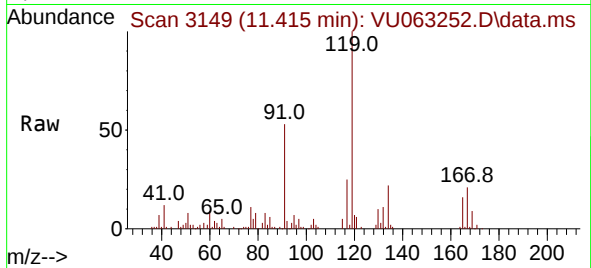
#61
Pentachloroethane
Concen: 2.006 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01

Tgt Ion:117 Resp: 24580
Ion Ratio Lower Upper
117 100
167 78.1 65.0 97.6

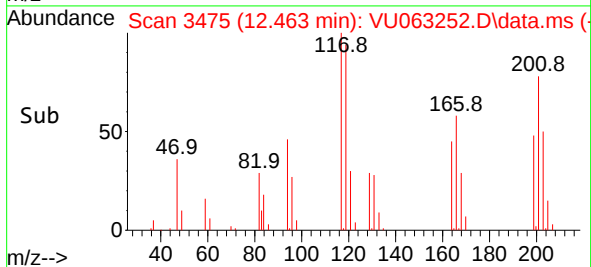
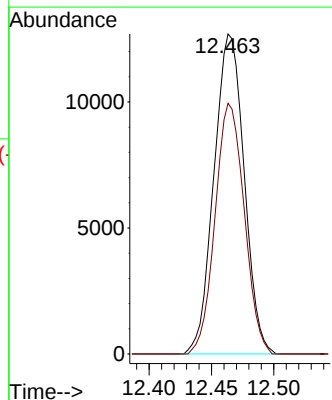
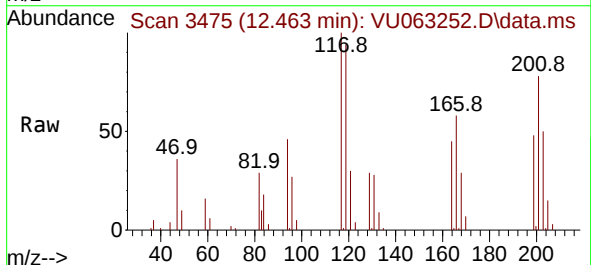
Manual Integrations
APPROVED

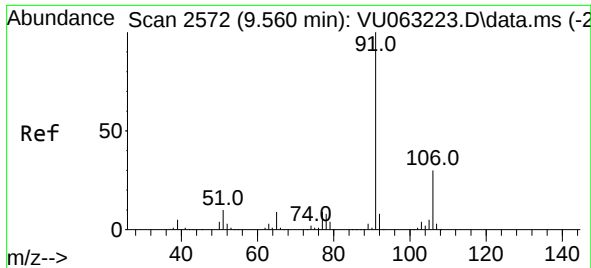
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#62
Hexachloroethane
Concen: 1.975 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

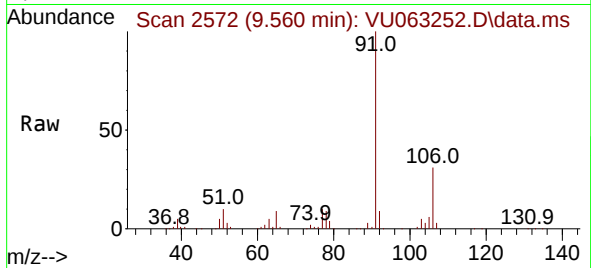
Tgt Ion:117 Resp: 21415
Ion Ratio Lower Upper
117 100
201 75.7 61.3 91.9





#63
Ethyl Benzene
Concen: 2.002 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

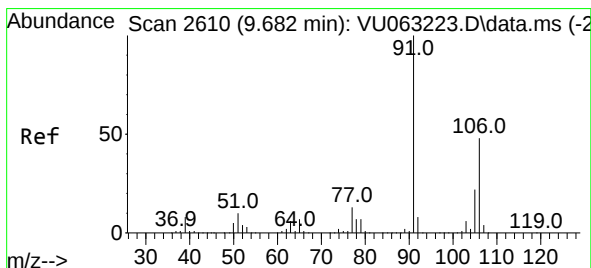
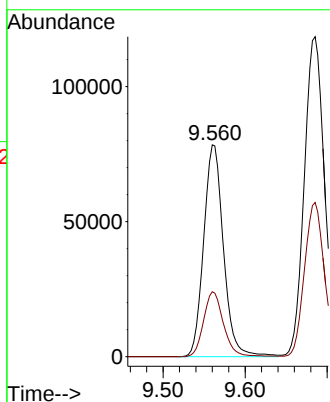
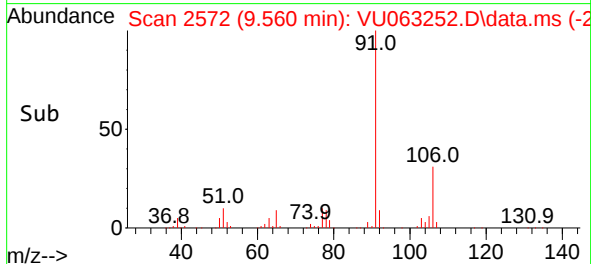
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



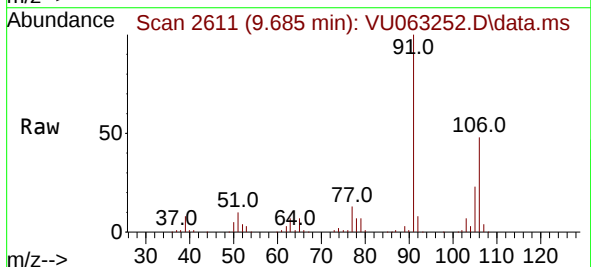
Tgt Ion: 91 Resp: 131789
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.2

Manual Integrations
APPROVED

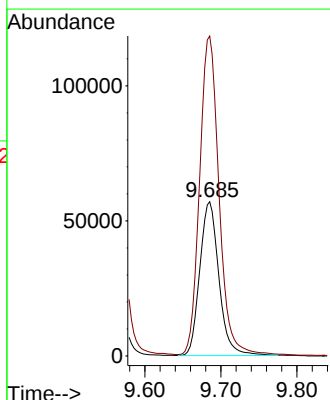
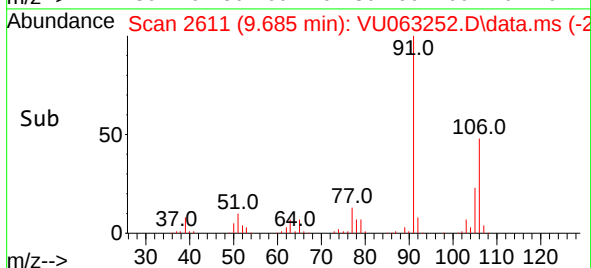
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

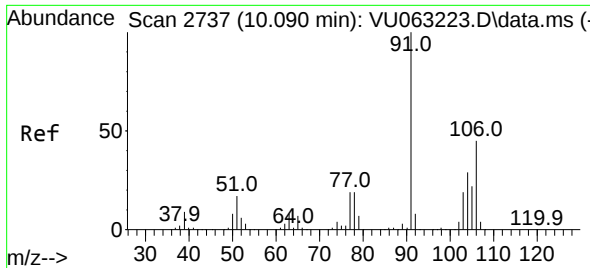


#64
m/p-Xylenes
Concen: 4.050 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20



Tgt Ion:106 Resp: 99562
Ion Ratio Lower Upper
106 100
91 211.5 166.9 250.3





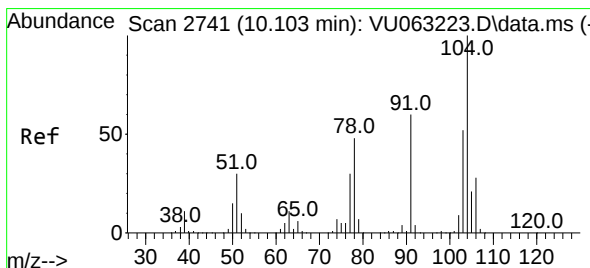
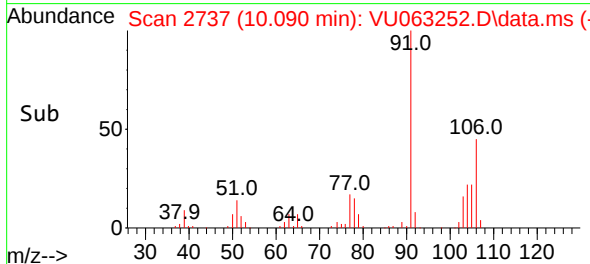
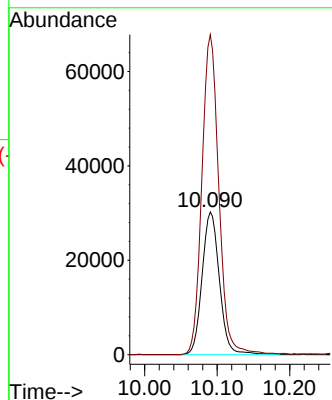
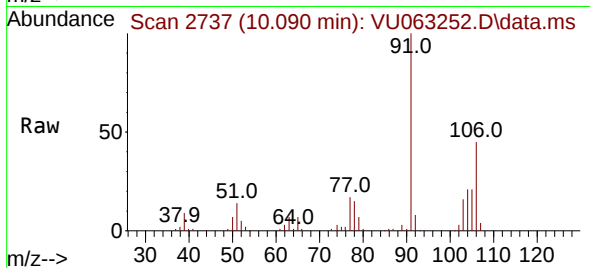
#65
o-Xylene
Concen: 2.084 ug/l
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01

Tgt Ion:106 Resp: 50162
Ion Ratio Lower Upper
106 100
91 219.6 110.9 332.9

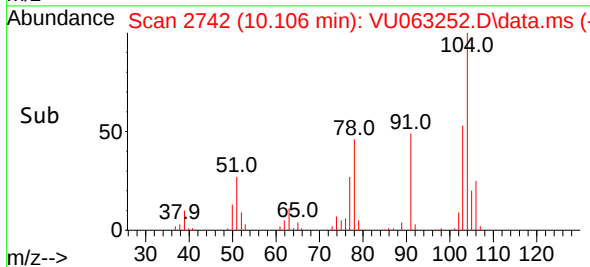
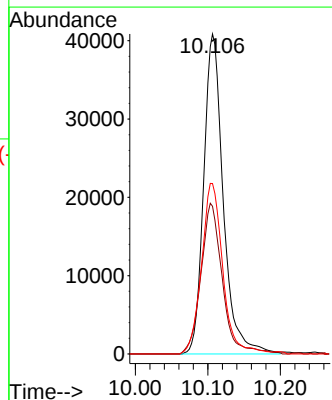
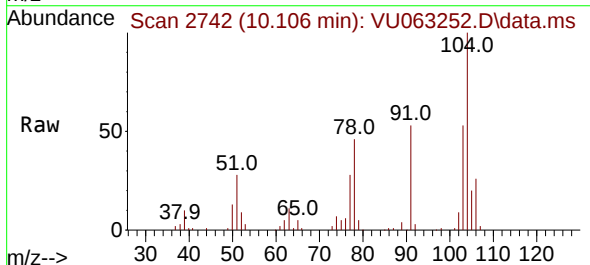
Manual Integrations
APPROVED

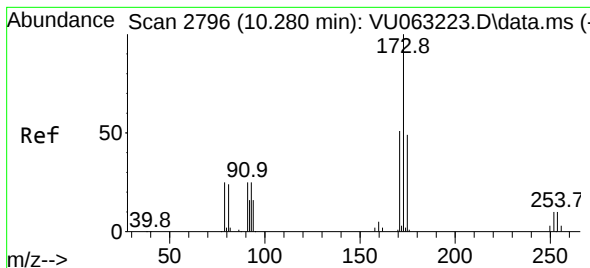
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#66
Styrene
Concen: 2.005 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Tgt Ion:104 Resp: 76780
Ion Ratio Lower Upper
104 100
78 51.2 41.2 61.8
103 57.9 44.8 67.2





#67

Bromoform

Concen: 2.049 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Instrument :

MSVOA_U

ClientSampleId :

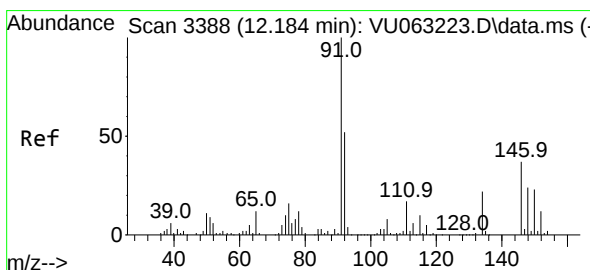
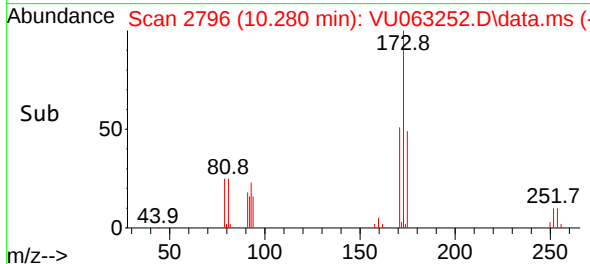
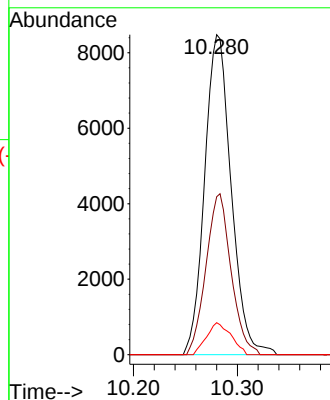
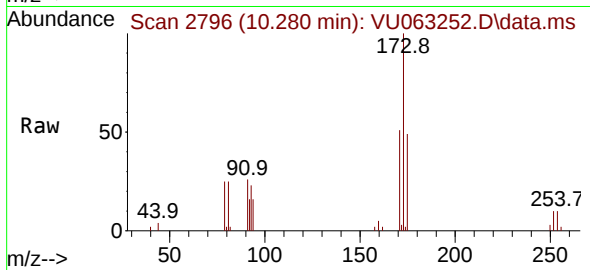
VU0212WBSD01

Tgt Ion:173	Resp:	15038
Ion Ratio	Lower	Upper
173	100	
175	47.5	39.0 58.4
254	9.2	7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.957 ug/l

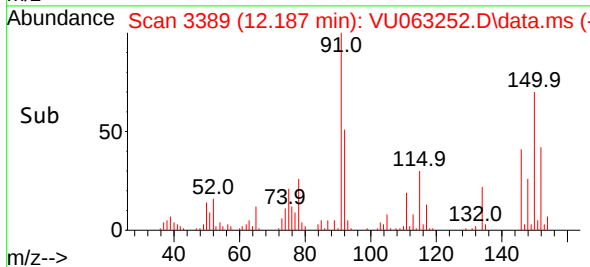
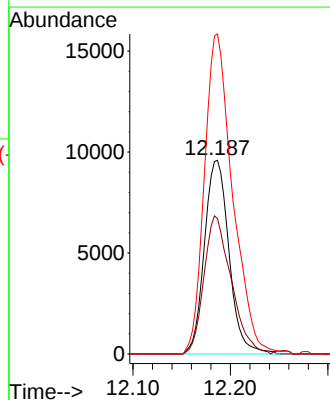
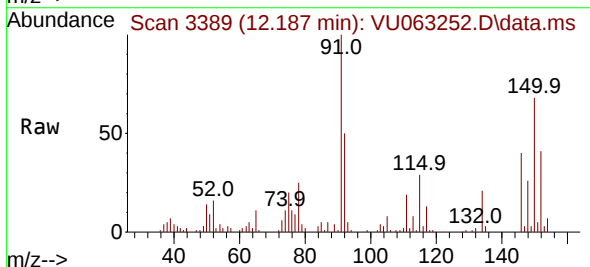
RT: 12.187 min Scan# 3389

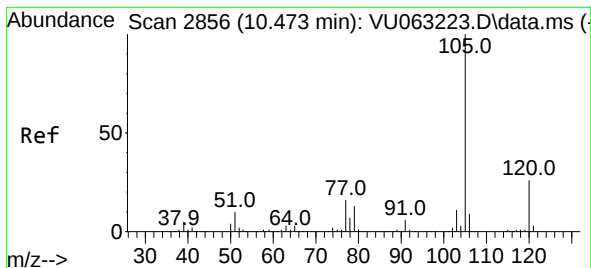
Delta R.T. 0.003 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Tgt Ion:152	Resp:	16808
Ion Ratio	Lower	Upper
152	100	
115	78.9	0.0 275.2
150	189.9	0.0 658.4





#69

Isopropylbenzene

Concen: 2.047 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Instrument :

MSVOA_U

ClientSampleId :

VU0212WBSD01

Tgt Ion:105 Resp: 11583

Ion Ratio Lower Upper

105 100

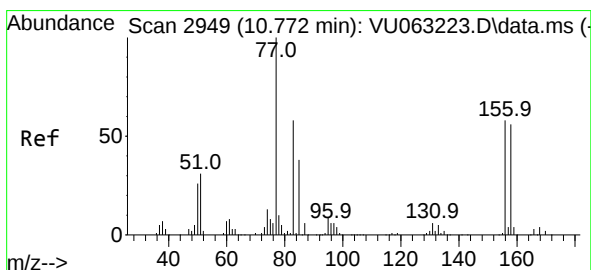
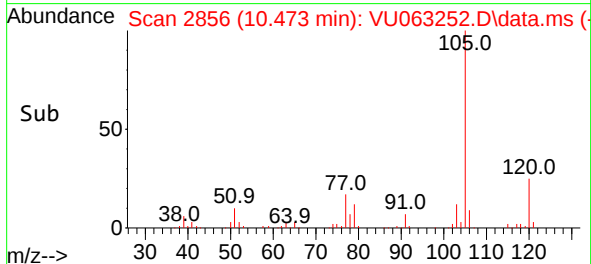
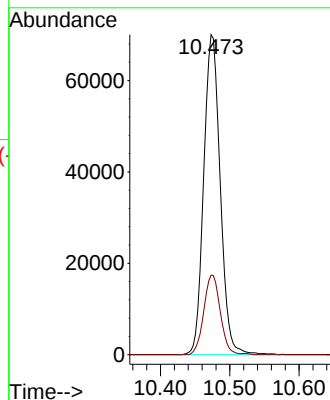
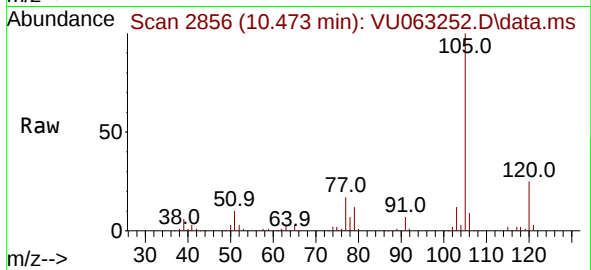
120 24.8 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 2.021 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

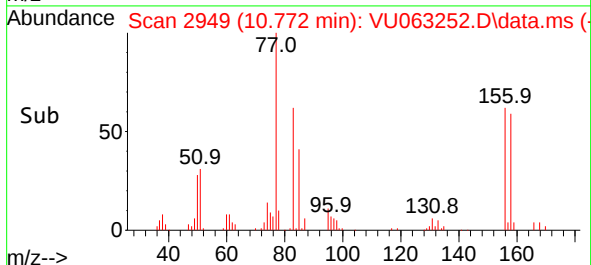
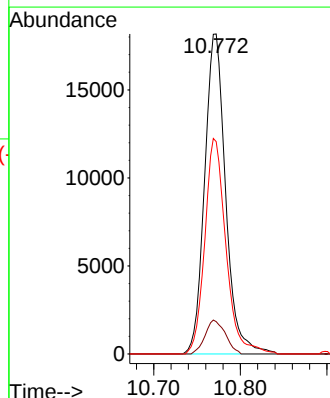
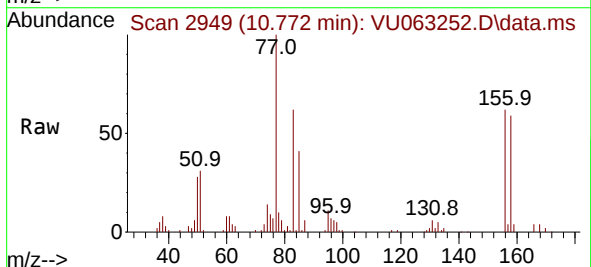
Tgt Ion: 83 Resp: 30615

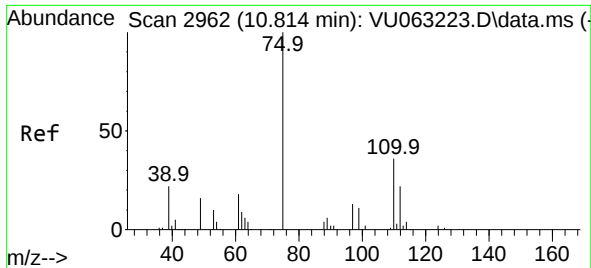
Ion Ratio Lower Upper

83 100

131 10.2 7.4 11.0

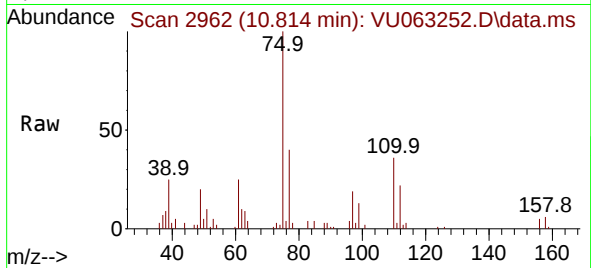
85 67.8 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 1.809 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01

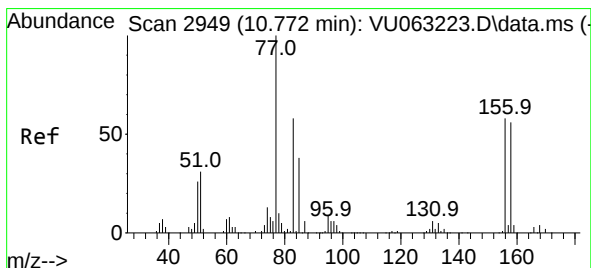
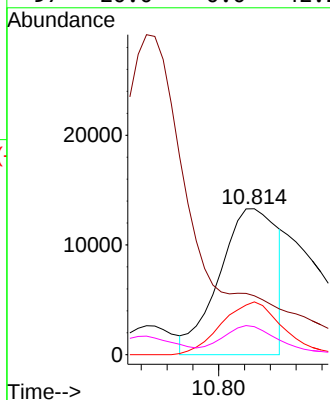
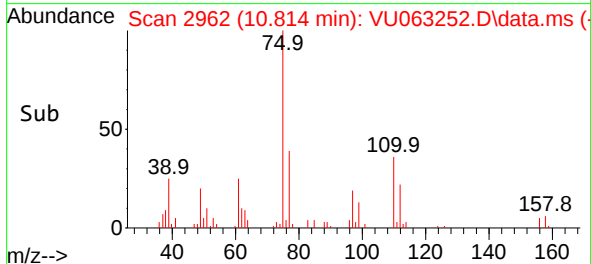


Tgt Ion: 75 Resp: 2058

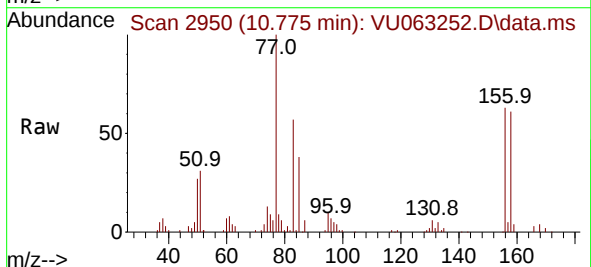
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	38.6	0.0	77.0
97	20.0	0.0	42.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

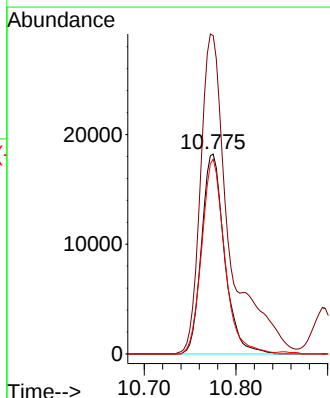
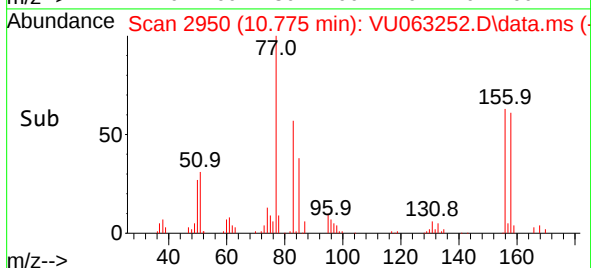


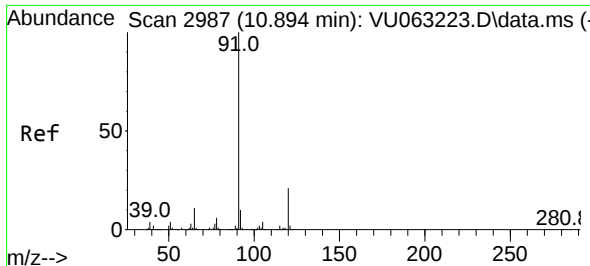
#72
Bromobenzene
Concen: 2.073 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20



Tgt Ion:156 Resp: 31609

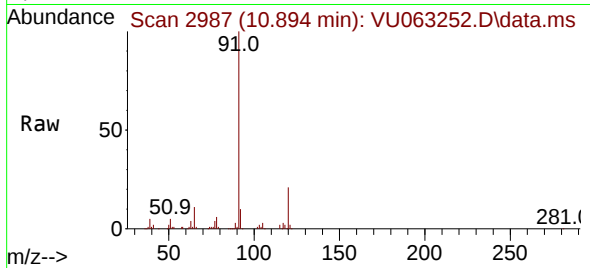
Ion	Ratio	Lower	Upper
156	100		
77	200.9	0.0	343.6
158	98.0	0.0	193.0





#73
n-propylbenzene
Concen: 1.937 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

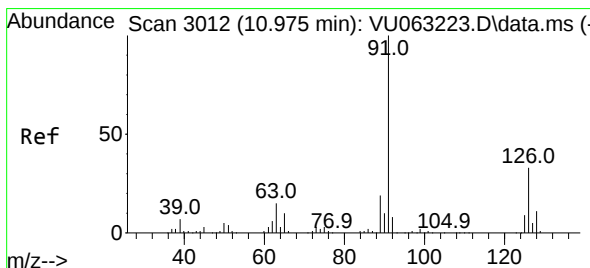
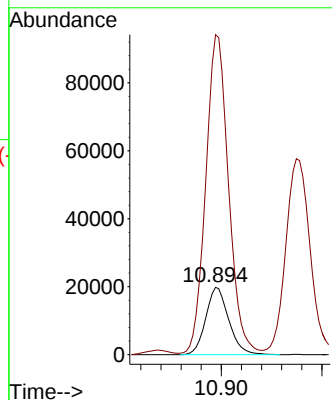
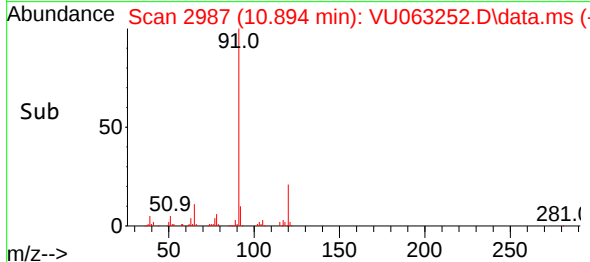
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



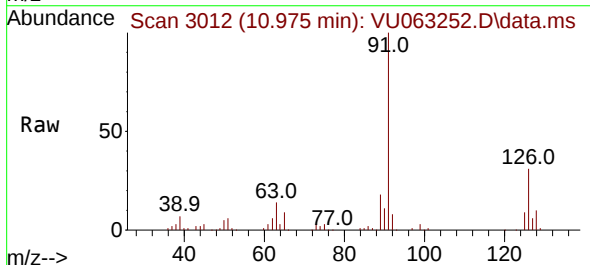
Tgt Ion:120 Resp: 31375
Ion Ratio Lower Upper
120 100
91 468.7 369.8 554.6

Manual Integrations
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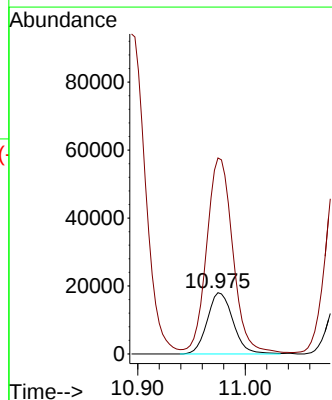
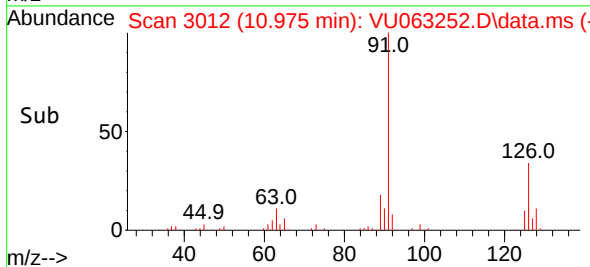
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

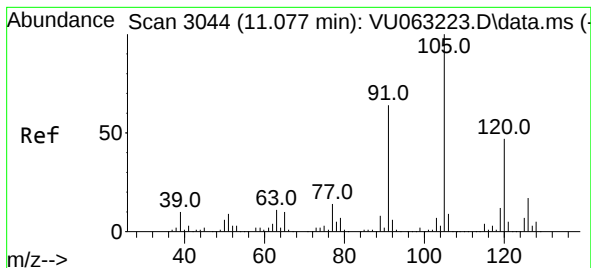


#74
2-Chlorotoluene
Concen: 2.003 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20



Tgt Ion:126 Resp: 29907
Ion Ratio Lower Upper
126 100
91 320.6 0.0 623.8





#75

1,3,5-Trimethylbenzene

Concen: 2.018 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU063252.D

Acq: 12 Feb 2025 13:20

Instrument :

MSVOA_U

ClientSampleId :

VU0212WBSD01

Tgt Ion:105 Resp: 105820

Ion Ratio Lower Upper

105 100

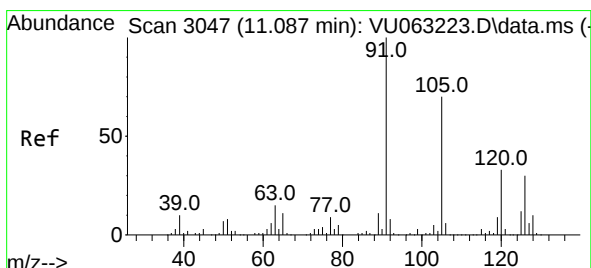
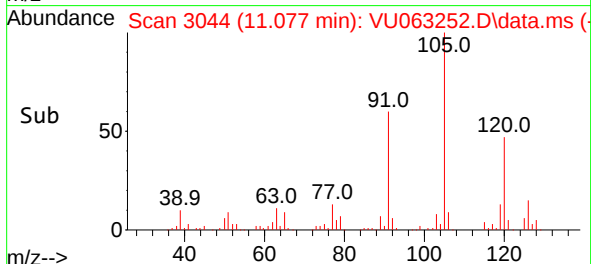
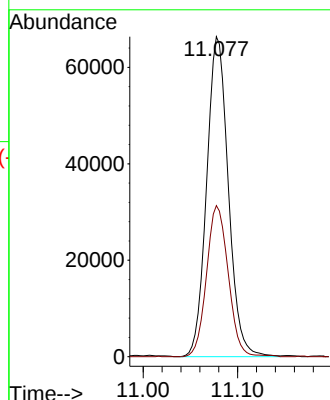
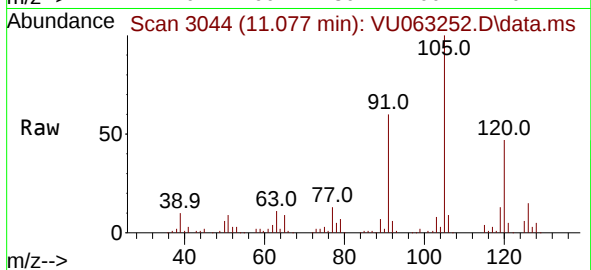
120 47.2 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#76

4-Chlorotoluene

Concen: 2.054 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VU063252.D

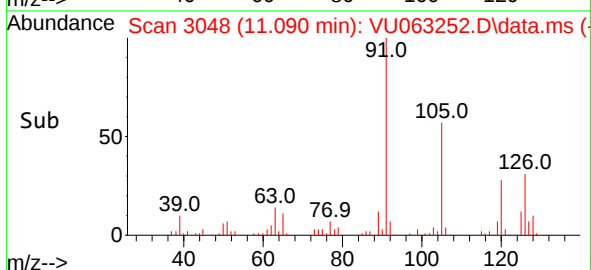
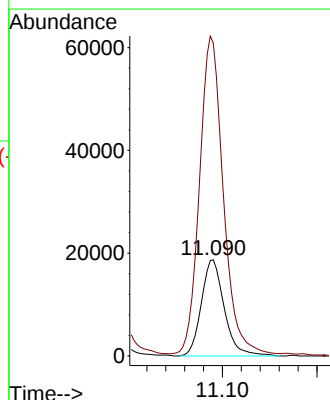
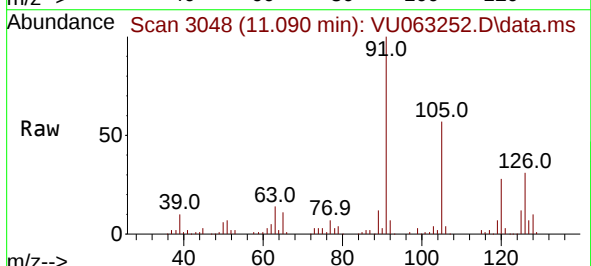
Acq: 12 Feb 2025 13:20

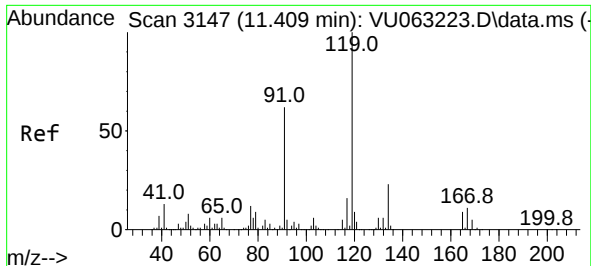
Tgt Ion:126 Resp: 31442

Ion Ratio Lower Upper

126 100

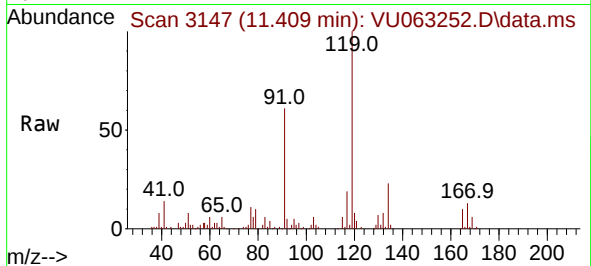
91 340.1 0.0 703.6





#77
tert-Butylbenzene
Concen: 2.038 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

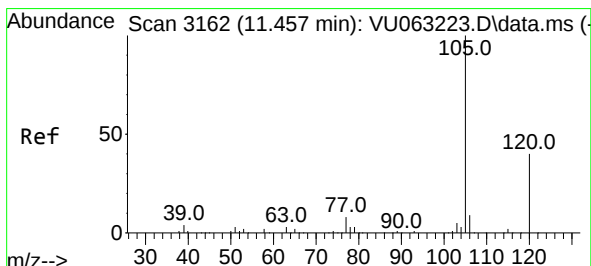
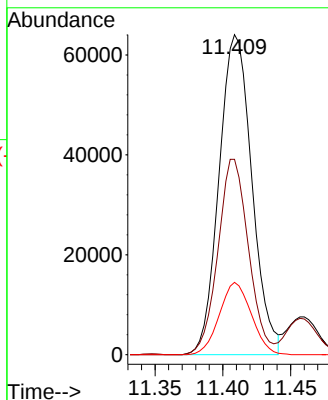
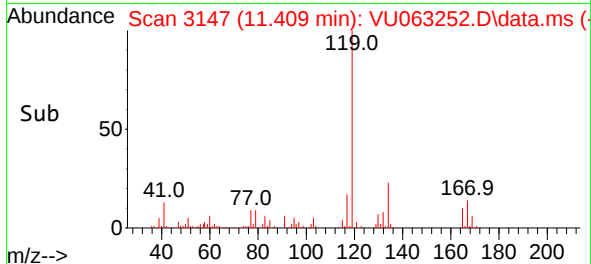
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



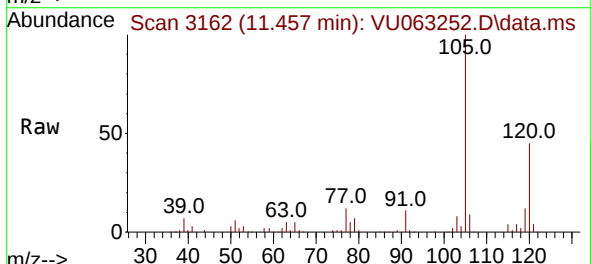
Tgt Ion:119 Resp: 10806
Ion Ratio Lower Upper
119 100
91 56.9 29.4 88.3
134 22.0 17.6 26.4

Manual Integrations
APPROVED

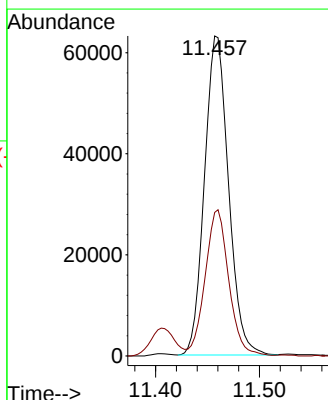
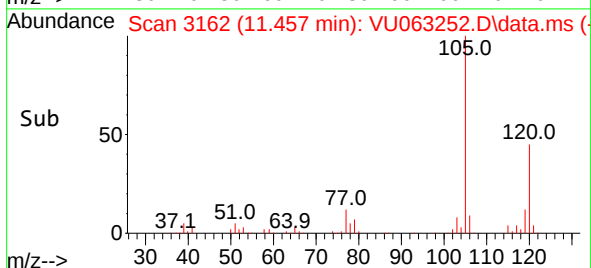
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

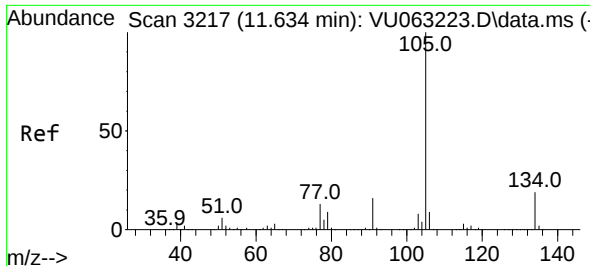


#78
1,2,4-Trimethylbenzene
Concen: 1.953 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20



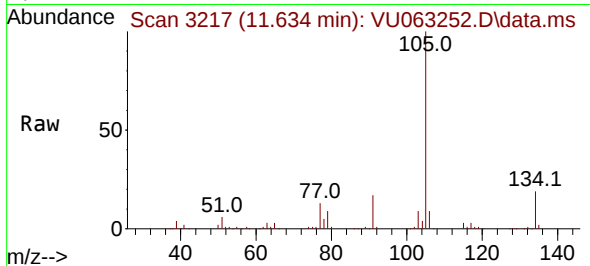
Tgt Ion:105 Resp: 101607
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.7





#79
 sec-Butylbenzene
 Concen: 2.056 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063252.D
 Acq: 12 Feb 2025 13:20

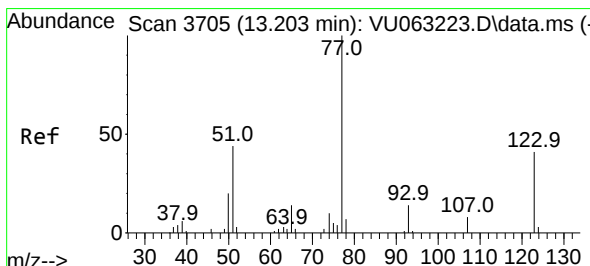
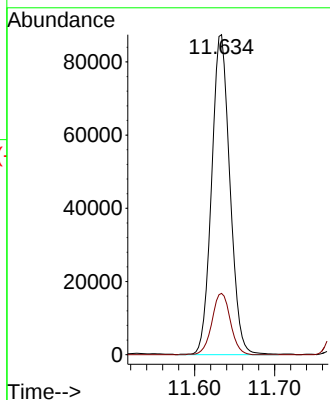
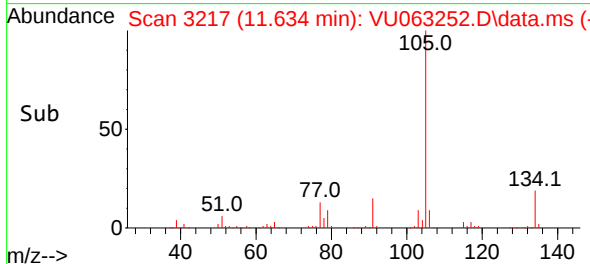
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0212WBSD01



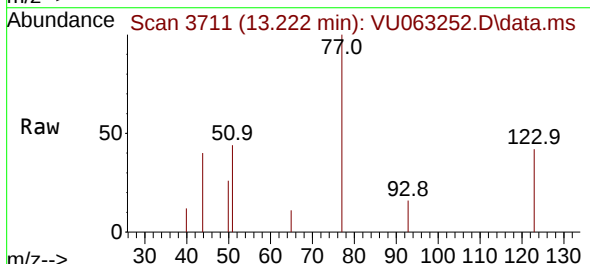
Tgt Ion:105 Resp: 13879
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.1 22.7

Manual Integrations
 APPROVED

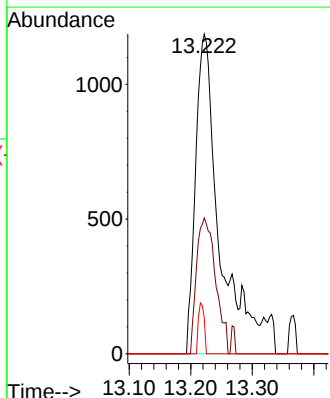
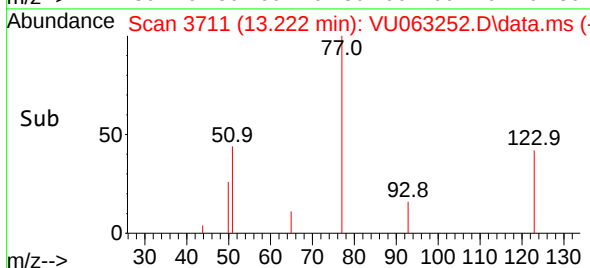
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

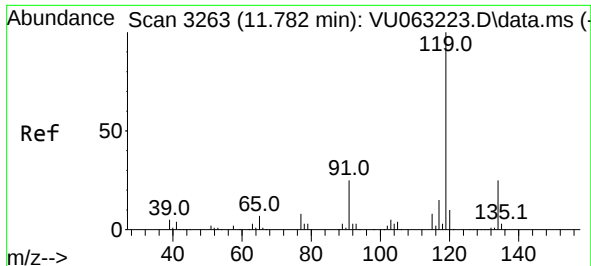


#80
 Nitrobenzene
 Concen: 10.663 ug/l m
 RT: 13.222 min Scan# 3711
 Delta R.T. 0.019 min
 Lab File: VU063252.D
 Acq: 12 Feb 2025 13:20



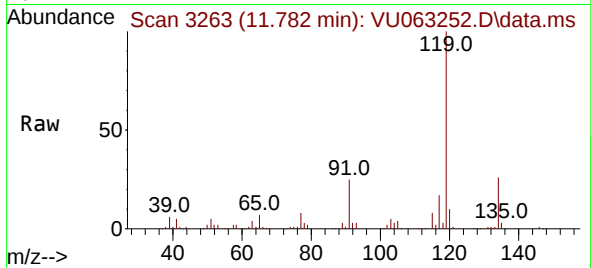
Tgt Ion: 77 Resp: 3316
 Ion Ratio Lower Upper
 77 100
 123 32.6 18.9 67.1
 65 3.7 11.9 15.1#





#81
p-Isopropyltoluene
Concen: 1.962 ug/l
RT: 11.782 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

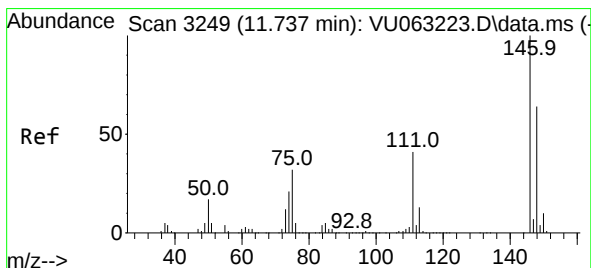
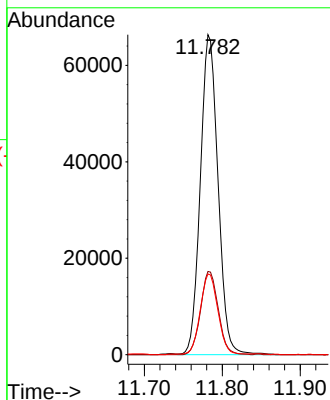
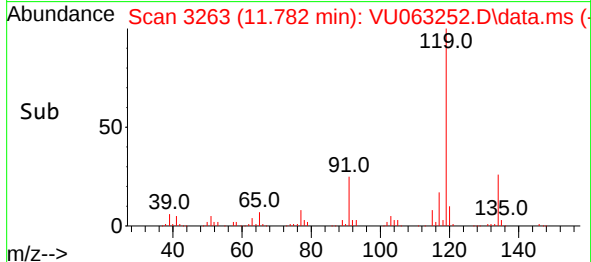
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



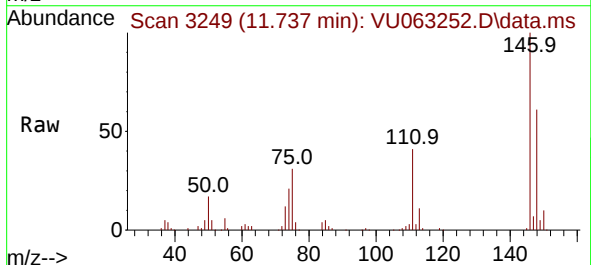
Tgt Ion:119 Resp: 10454
Ion Ratio Lower Upper
119 100
134 26.0 20.3 30.5
91 25.3 19.4 29.2

Manual Integrations
APPROVED

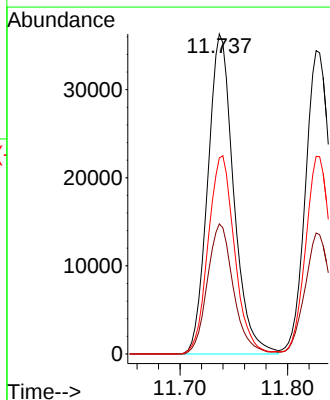
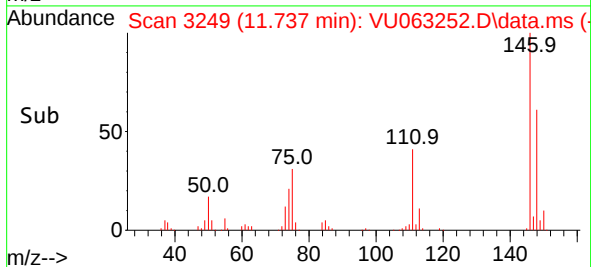
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

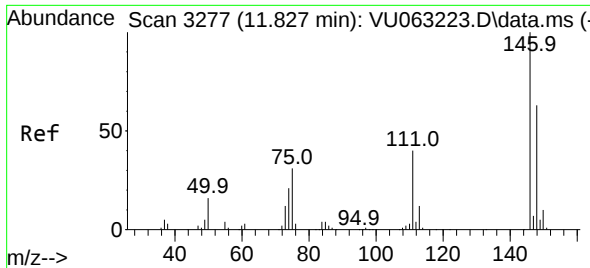


#82
1,3-Dichlorobenzene
Concen: 2.056 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20



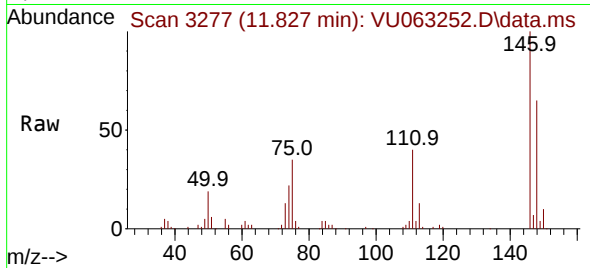
Tgt Ion:146 Resp: 60800
Ion Ratio Lower Upper
146 100
111 40.9 32.8 49.2
148 63.3 51.1 76.7





#83
1,4-Dichlorobenzene
Concen: 2.080 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

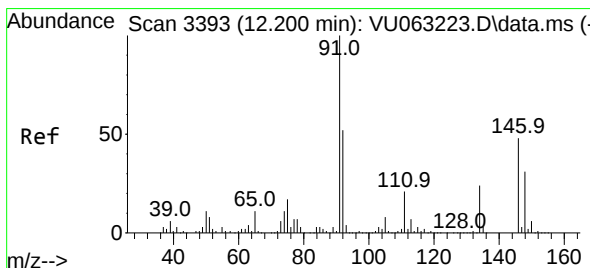
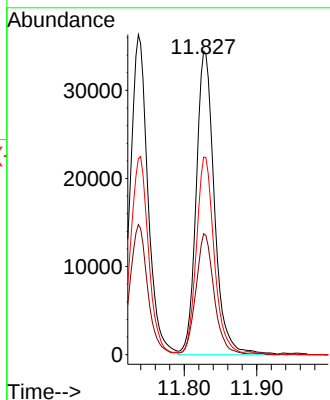
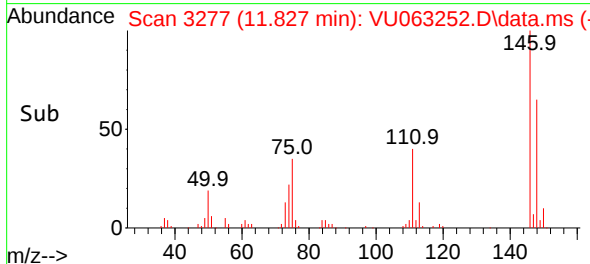
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



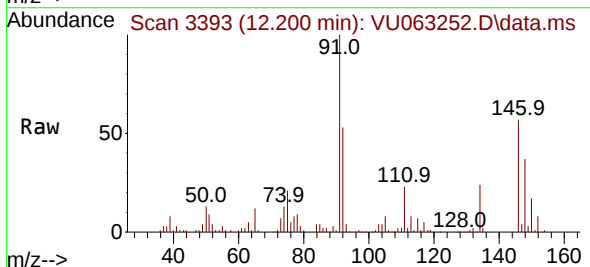
Tgt Ion:146 Resp: 60154
Ion Ratio Lower Upper
146 100
111 38.9 32.1 48.1
148 62.2 50.2 75.4

Manual Integrations
APPROVED

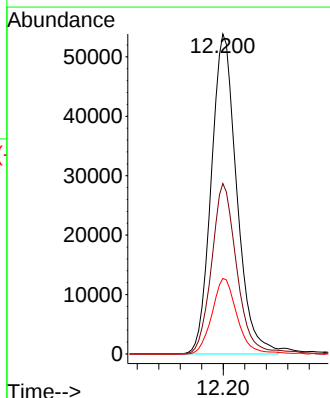
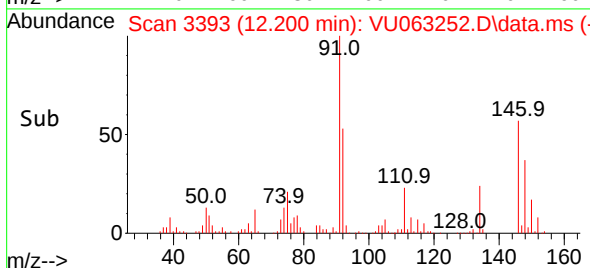
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

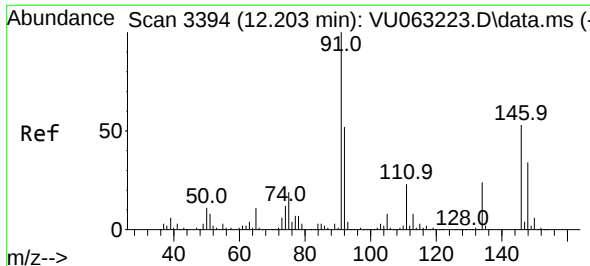


#84
n-Butylbenzene
Concen: 1.852 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20



Tgt Ion: 91 Resp: 88457
Ion Ratio Lower Upper
91 100
92 53.0 41.8 62.8
134 23.3 18.6 28.0





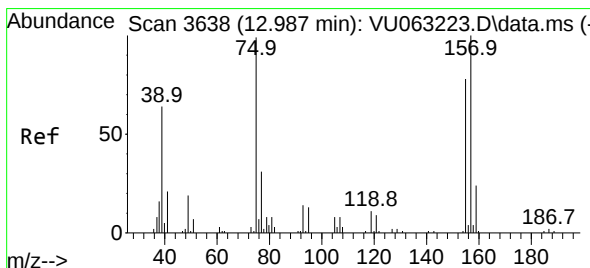
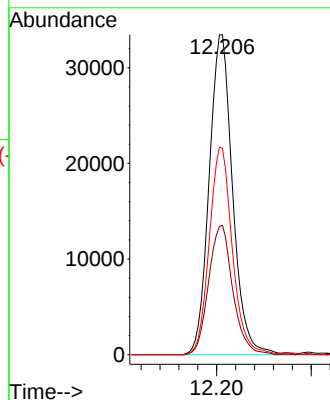
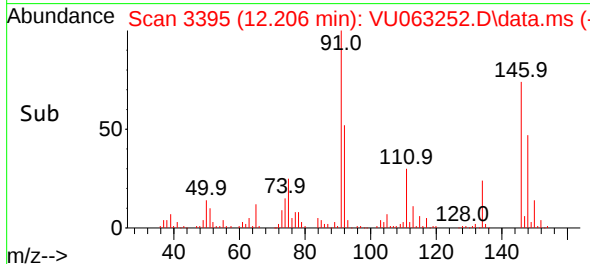
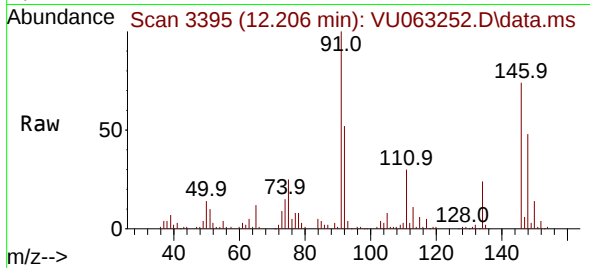
#85
1,2-Dichlorobenzene
Concen: 2.024 ug/l
RT: 12.206 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01

Tgt Ion:146 Resp: 57510
Ion Ratio Lower Upper
146 100
111 41.6 21.9 65.7
148 63.8 32.3 96.9

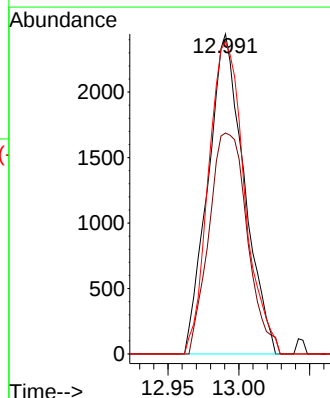
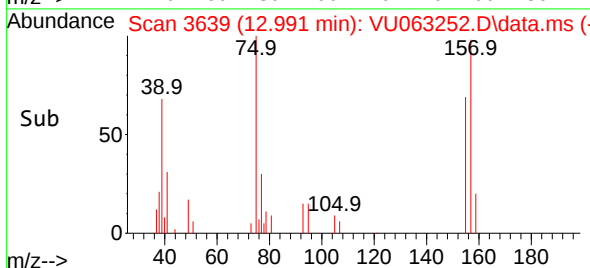
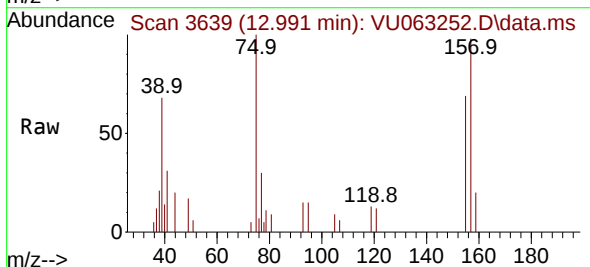
Manual Integrations
APPROVED

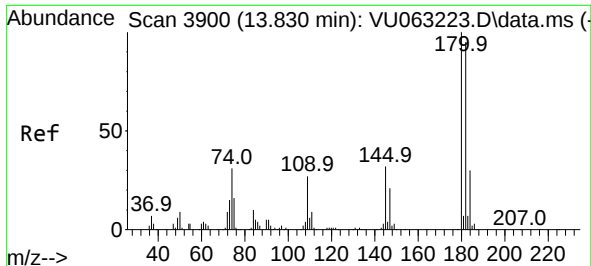
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 2.036 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

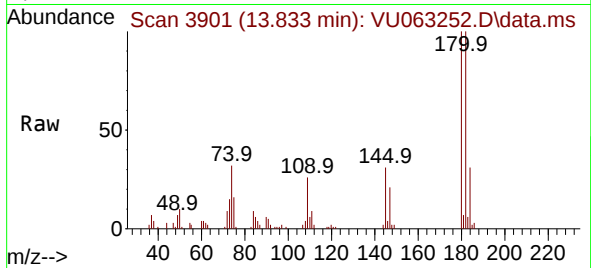
Tgt Ion: 75 Resp: 4329
Ion Ratio Lower Upper
75 100
155 73.4 63.5 95.3
157 97.4 81.8 122.6





#87
1,2,4-Trichlorobenzene
Concen: 1.896 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

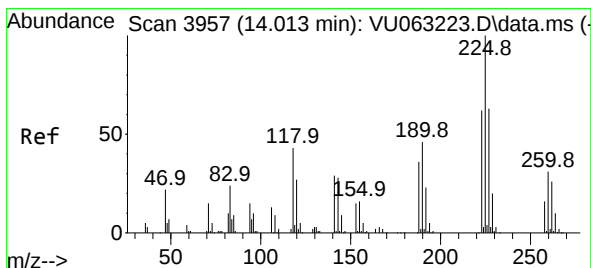
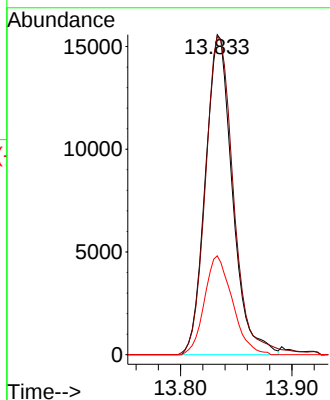
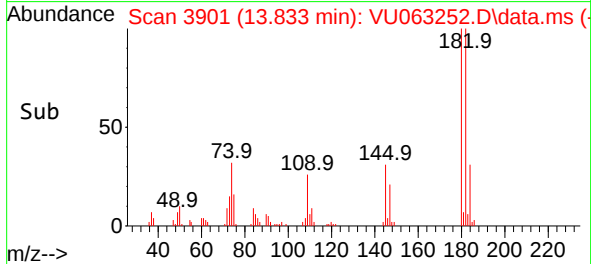
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



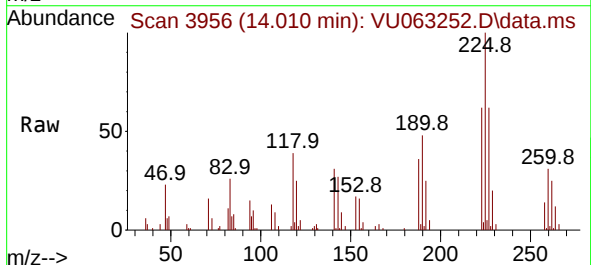
Tgt Ion:180 Resp: 2628
Ion Ratio Lower Upper
180 100
182 103.2 76.6 115.0
145 31.9 25.4 38.2

Manual Integrations
APPROVED

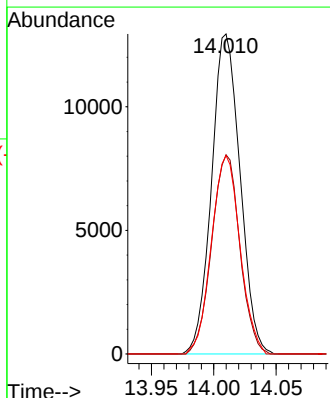
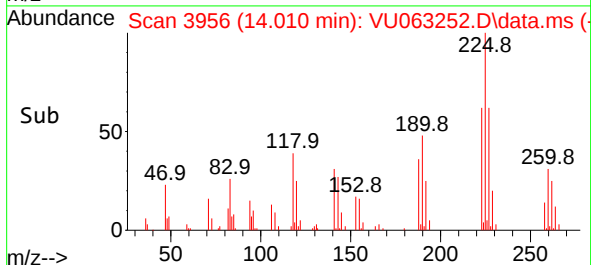
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

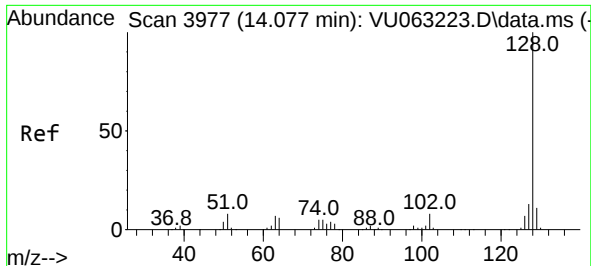


#88
Hexachlorobutadiene
Concen: 2.082 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20



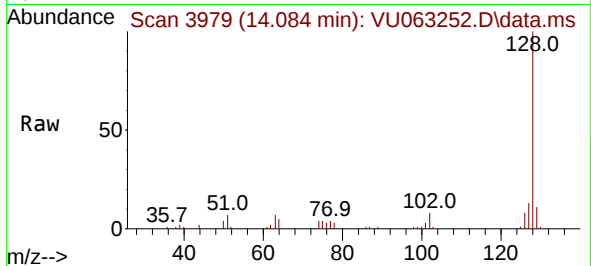
Tgt Ion:225 Resp: 20626
Ion Ratio Lower Upper
225 100
223 61.4 49.5 74.3
227 62.0 51.0 76.4





#89
Naphthalene
Concen: 1.996 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.006 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20

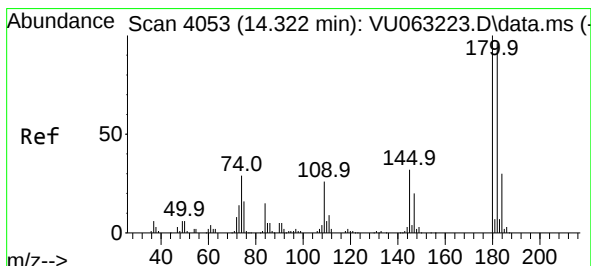
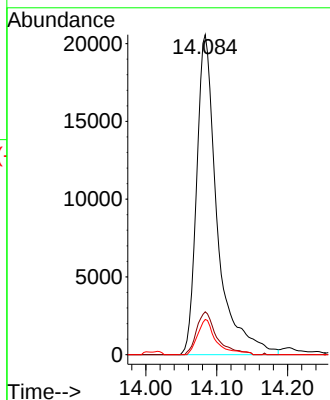
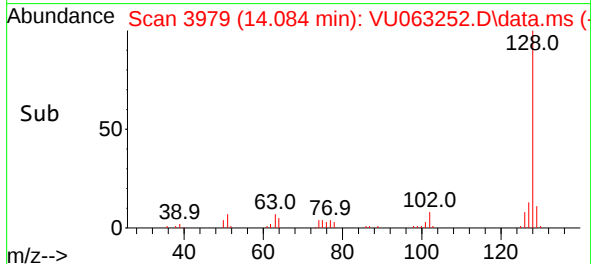
Instrument :
MSVOA_U
ClientSampleId :
VU0212WBSD01



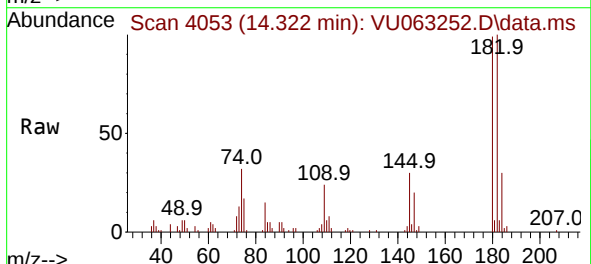
Tgt Ion:128 Resp: 41502
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#90
1,2,3-Trichlorobenzene
Concen: 1.949 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063252.D
Acq: 12 Feb 2025 13:20



Tgt Ion:180 Resp: 26436
Ion Ratio Lower Upper
180 100
182 98.2 78.2 117.2
145 30.8 26.1 39.1

