

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063260.D
 Acq On : 12 Feb 2025 18:23
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Feb 13 03:16:31 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	6.106	96	54240	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	19262	1.077	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
68) 1,2-Dichlorobenzene-d4	12.180	152	19793	1.064	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	169480	9.617	ug/l	100
3) Chloromethane	1.515	50	191815	9.451	ug/l	99
4) Vinyl Chloride	1.599	62	195006	9.712	ug/l	100
5) Bromomethane	1.840	94	109147	11.124	ug/l	99
6) Chloroethane	1.920	64	118520	9.371	ug/l	99
7) Trichlorofluoromethane	2.126	101	235024	9.877	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	135368	10.023	ug/l	99
9) 1,1-Dichloroethene	2.566	96	137418	9.986	ug/l	99
10) Iodomethane	2.708	142	228118	10.545	ug/l	100
11) Allyl Chloride	2.910	41	194167	9.822	ug/l	100
12) Acrylonitrile	3.303	53	66150	20.842	ug/l	96
13) Acetone	2.611	43	113082	46.334	ug/l	98
14) Carbon Disulfide	2.779	76	461876	9.599	ug/l	99
15) Methylene Chloride	3.029	84	166692	9.805	ug/l	99
16) trans-1,2-Dichloroethene	3.338	96	158870	10.116	ug/l	100
17) 1,1-Dichloroethane	3.853	63	295797	9.992	ug/l	99
18) 2-Butanone	4.685	43	198684	51.152	ug/l	99
19) Cyclohexane	5.373	56	245530m	10.322	ug/l	
20) Methylcyclohexane	6.750	83	255530	10.833	ug/l	99
21) 2,2-Dichloropropane	4.647	77	226144	9.792	ug/l	100
22) cis-1,2-Dichloroethene	4.650	96	179243	10.563	ug/l	97
23) Diethyl Ether	2.364	59	114177	9.670	ug/l	98
24) tert-Butyl Alcohol	3.164	59	107197	88.132	ug/l	98
25) Methyl tert-Butyl Ether	3.348	73	354384	10.311	ug/l	100
26) Bromochloromethane	4.959	128	75237	10.143	ug/l	99
27) Chloroform	5.071	83	303105	10.146	ug/l	98
28) 1,1,1-Trichloroethane	5.299	97	247257	10.217	ug/l	99
29) 1,1-Dichloropropene	5.512	75	227497	10.496	ug/l	99
30) Carbon Tetrachloride	5.508	117	213346	10.280	ug/l	99
31) Isopropyl Ether	3.975	45	437370	10.349	ug/l	99
32) Ethyl-t-butyl ether	4.483	59	405807	10.559	ug/l	100
33) Tert-Amyl methyl ether	5.926	73	361801	10.774	ug/l	100
34) Propionitrile	4.756	54	64170	54.775	ug/l	99
35) Benzene	5.759	78	685092	10.279	ug/l	100
36) 1,2-Dichloroethane	5.779	62	192489	10.007	ug/l	100
37) Trichloroethene	6.528	130	160397	10.120	ug/l	97
38) 1,2-Dichloropropane	6.778	63	178723	10.246	ug/l	99
39) Methacrylonitrile	4.955	41	47926	10.977	ug/l	97
40) Methyl acrylate	4.833	55	81768	10.162	ug/l	98
41) Tetrahydrofuran	5.039	42	50932	20.058	ug/l	99
42) 1-Chlorobutane	5.444	56	311205	10.494	ug/l	98
43) Dibromomethane	6.907	93	89384	10.119	ug/l	98
44) Bromodichloromethane	7.094	83	213512	10.385	ug/l	99

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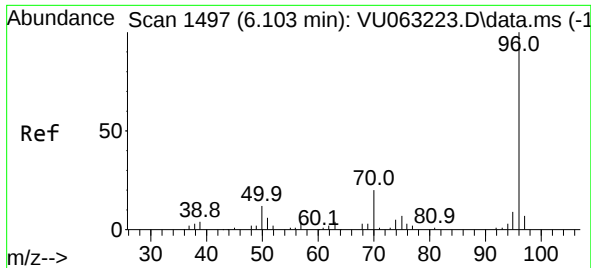
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.775	43	493444	53.285	ug/l	99
46) t-1,4-Dichloro-2-butene	10.820	75	92410m	21.228	ug/l	
47) Methyl methacrylate	6.949	69	164473	22.107	ug/l	99
48) Ethyl methacrylate	8.322	69	160829	11.512	ug/l	99
49) Toluene	7.958	92	415815	10.849	ug/l	98
50) t-1,3-Dichloropropene	8.200	75	205245	10.904	ug/l	98
51) cis-1,3-Dichloropropene	7.595	75	243677	10.480	ug/l	99
52) 1,1,2-Trichloroethane	8.386	97	125116	10.506	ug/l	98
53) 1,3-Dichloropropane	8.563	76	219644	10.388	ug/l	98
54) 2-Hexanone	8.669	43	333496	52.772	ug/l	98
55) Dibromochloromethane	8.798	129	146154	10.667	ug/l	96
56) 1,2-Dibromoethane	8.910	107	115275	10.320	ug/l	99
58) Tetrachloroethene	8.540	164	136390	10.442	ug/l	99
59) Chlorobenzene	9.434	112	435273	10.762	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.521	131	154958	10.659	ug/l	98
61) Pentachloroethane	11.415	117	136460	10.508	ug/l	98
62) Hexachloroethane	12.463	117	125621	10.934	ug/l	100
63) Ethyl Benzene	9.560	91	784915	11.253	ug/l	100
64) m/p-Xylenes	9.682	106	603720	23.171	ug/l	100
65) o-Xylene	10.090	106	287528	11.272	ug/l	99
66) Styrene	10.103	104	480488	11.837	ug/l	99
67) Bromoform	10.280	173	83777	10.773	ug/l	99
69) Isopropylbenzene	10.473	105	682225	11.377	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.769	83	160456	9.996	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	111336m	9.232	ug/l	
72) Bromobenzene	10.772	156	178496	11.048	ug/l	98
73) n-propylbenzene	10.894	120	204830	11.930	ug/l	100
74) 2-Chlorotoluene	10.974	126	181816	11.491	ug/l	96
75) 1,3,5-Trimethylbenzene	11.077	105	648270	11.667	ug/l	99
76) 4-Chlorotoluene	11.087	126	184066	11.344	ug/l	98
77) tert-Butylbenzene	11.409	119	631724	11.242	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	656188	11.902	ug/l	100
79) sec-Butylbenzene	11.630	105	837033	11.699	ug/l	100
80) Nitrobenzene	13.203	77	21120m	44.846	ug/l	
81) p-Isopropyltoluene	11.781	119	672698	11.914	ug/l	100
82) 1,3-Dichlorobenzene	11.733	146	344169	10.982	ug/l	100
83) 1,4-Dichlorobenzene	11.823	146	341148	11.130	ug/l	99
84) n-Butylbenzene	12.196	91	607994	12.008	ug/l	99
85) 1,2-Dichlorobenzene	12.199	146	325750	10.816	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.984	75	23693	10.516	ug/l	99
87) 1,2,4-Trichlorobenzene	13.830	180	173428	11.807	ug/l	99
88) Hexachlorobutadiene	14.010	225	114407	10.899	ug/l	99
89) Naphthalene	14.077	128	275462	9.047	ug/l	100
90) 1,2,3-Trichlorobenzene	14.318	180	174658	12.153	ug/l	99

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

Manual Integrations

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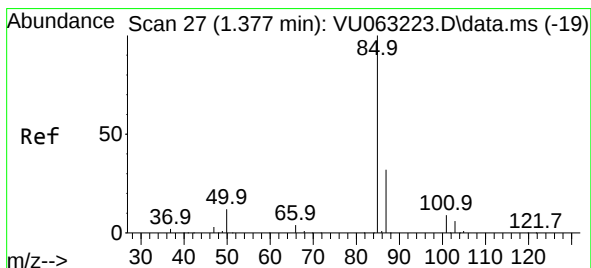
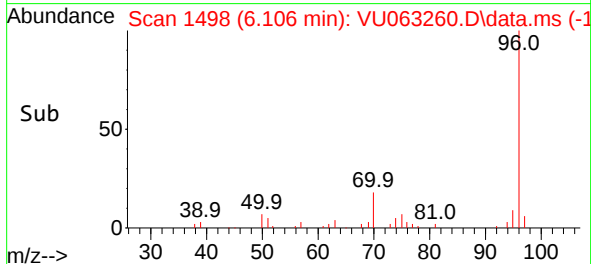
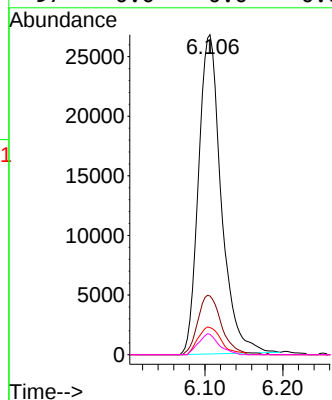
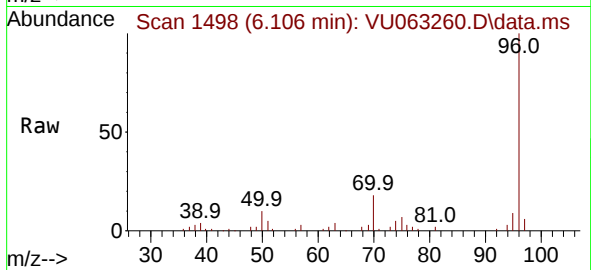
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 1497
Delta R.T. 0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96 Resp: 54240
Ion Ratio Lower Upper
96 100
70 19.4 15.6 23.4
95 8.8 7.3 10.9
97 0.0 0.0 0.0

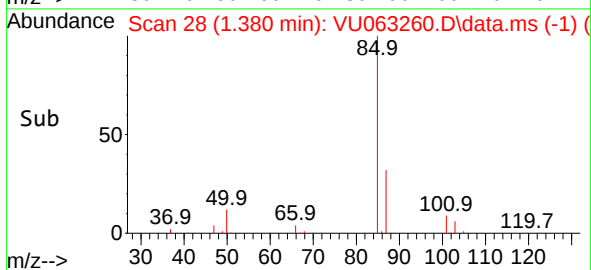
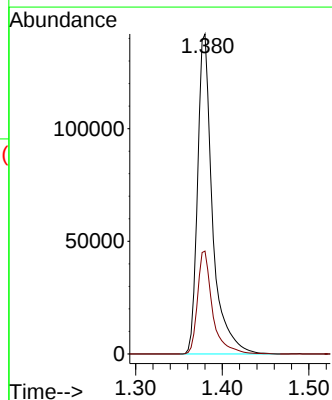
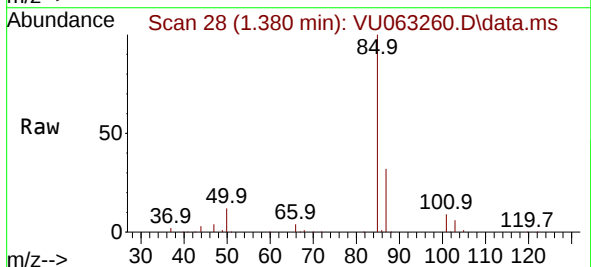
Manual Integrations
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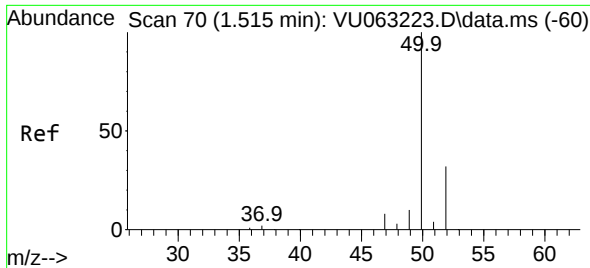
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#2
Dichlorodifluoromethane
Concen: 9.617 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

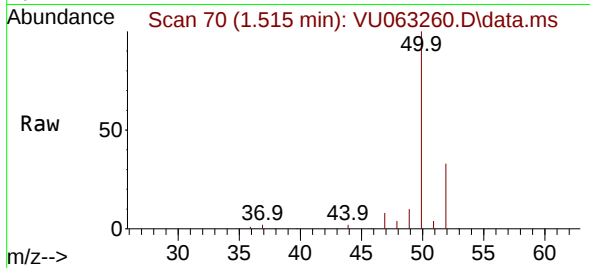
Tgt Ion: 85 Resp: 169480
Ion Ratio Lower Upper
85 100
87 32.1 16.0 48.0





#3
Chloromethane
Concen: 9.451 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

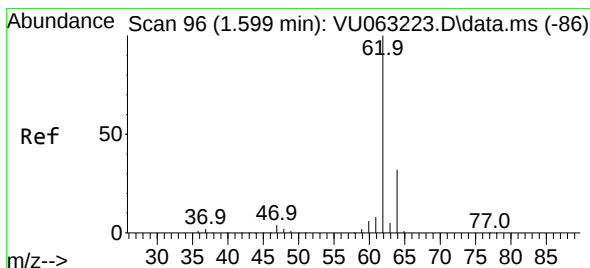
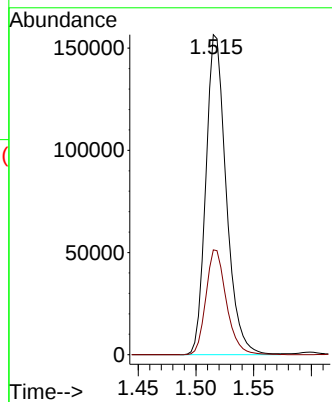
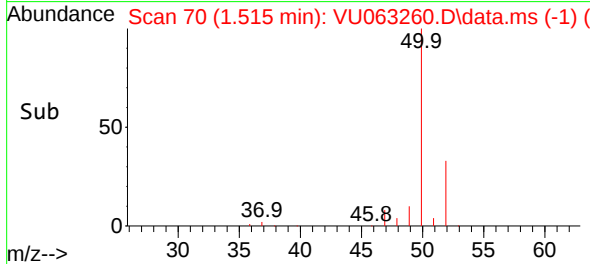
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 50 Resp: 191815
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.8

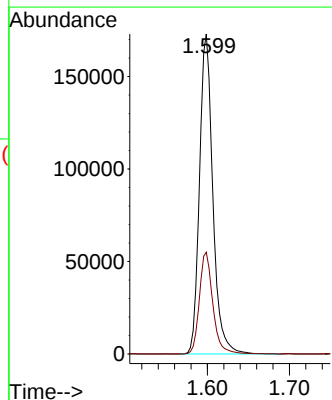
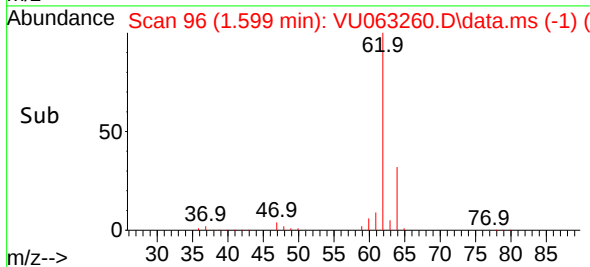
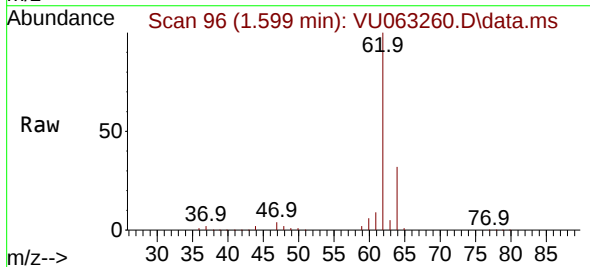
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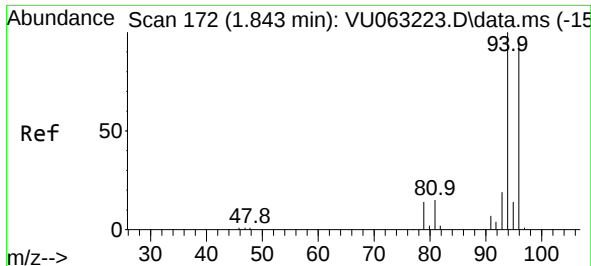
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#4
Vinyl Chloride
Concen: 9.712 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

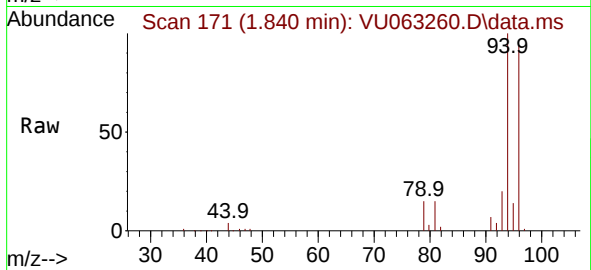
Tgt Ion: 62 Resp: 195006
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 11.124 ug/l
RT: 1.840 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

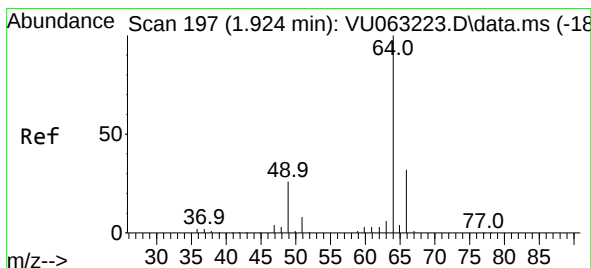
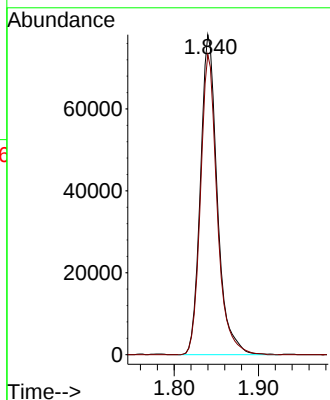
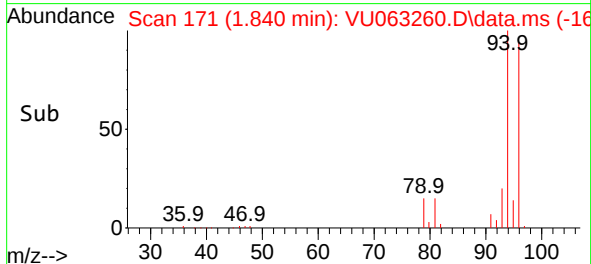
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 94 Resp: 10914
Ion Ratio Lower Upper
94 100
96 93.8 75.7 113.5

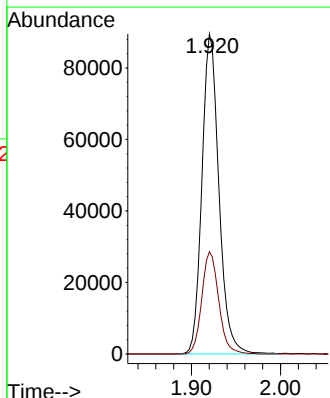
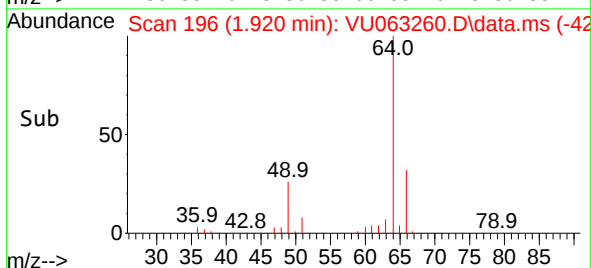
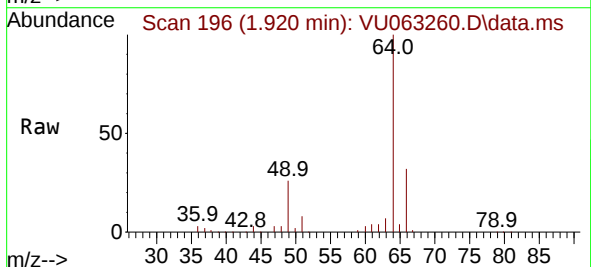
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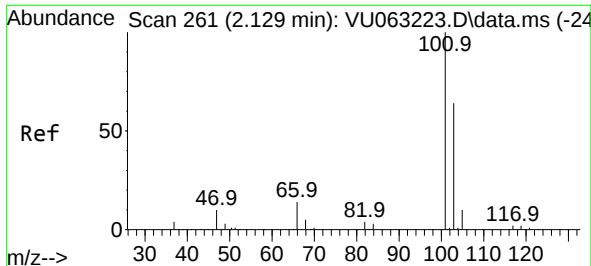
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#6
Chloroethane
Concen: 9.371 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

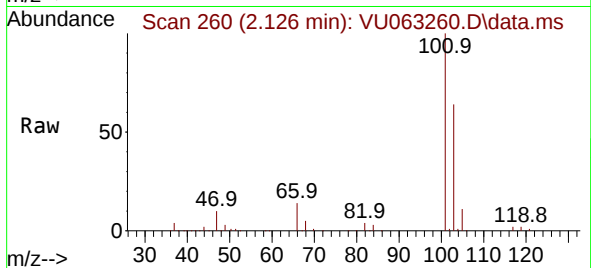
Tgt Ion: 64 Resp: 118520
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.8





#7
Trichlorofluoromethane
Concen: 9.877 ug/l
RT: 2.126 min Scan# 201
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

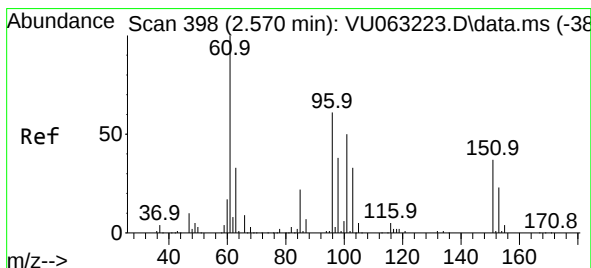
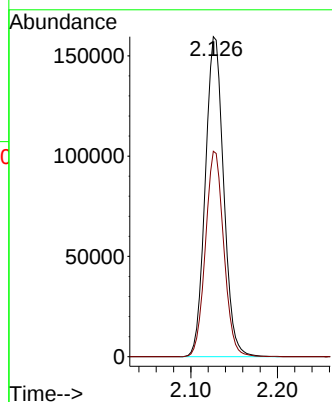
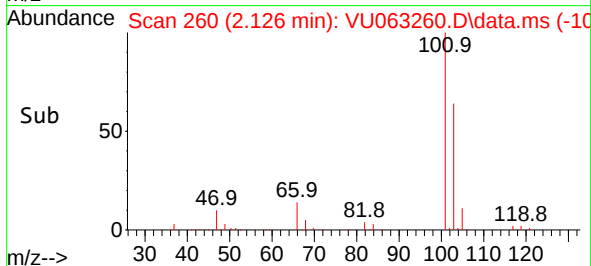
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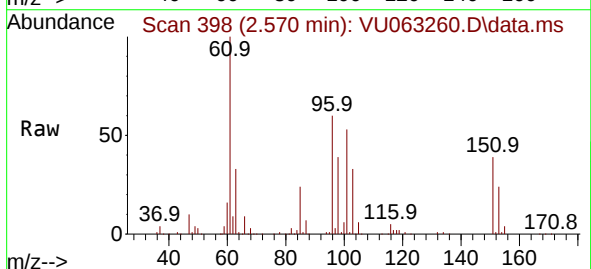
Tgt Ion:101 Resp: 235024
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

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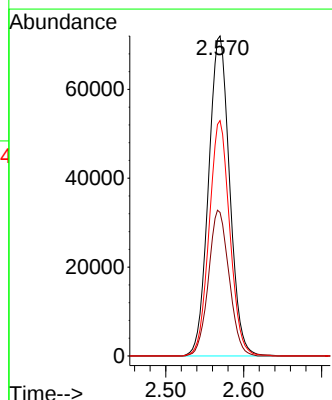
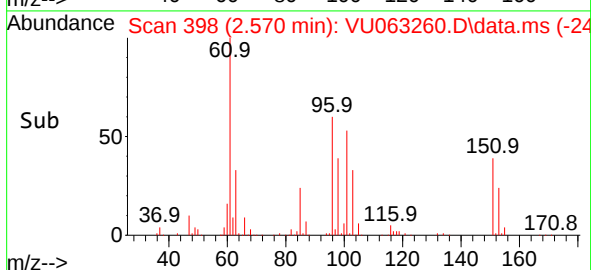
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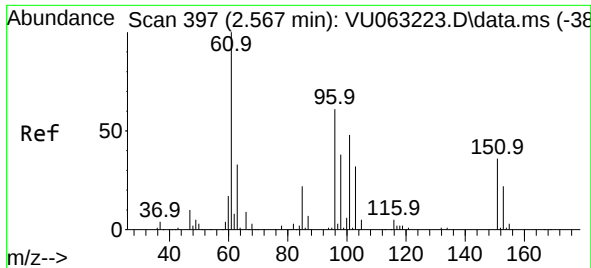


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.023 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



Tgt Ion:101 Resp: 135368
Ion Ratio Lower Upper
101 100
85 44.5 35.4 53.0
151 72.0 58.5 87.7





#9

1,1-Dichloroethene

Concen: 9.986 ug/l

RT: 2.566 min Scan# 397

Delta R.T. -0.000 min

Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

Instrument :

MSVOA_U

ClientSampleId :

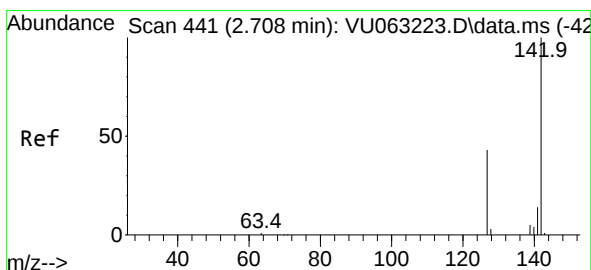
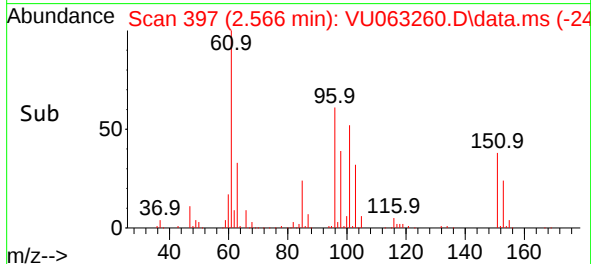
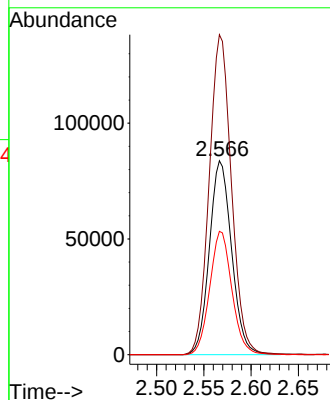
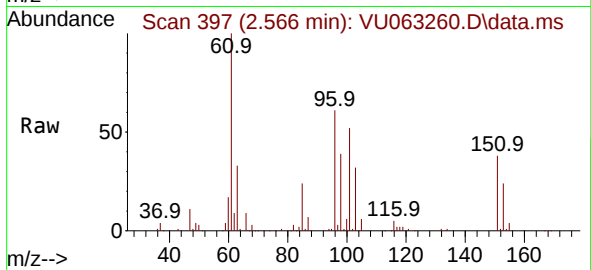
VSTDCCC010EC

Tgt Ion: 96 Resp: 137418
 Ion Ratio Lower Upper
 96 100
 61 165.0 0.0 492.9
 98 63.6 0.0 124.0

Manual Integrations

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#10

Iodomethane

Concen: 10.545 ug/l

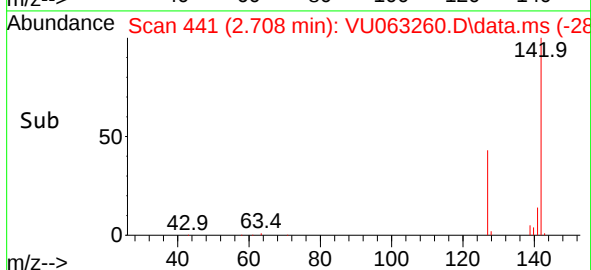
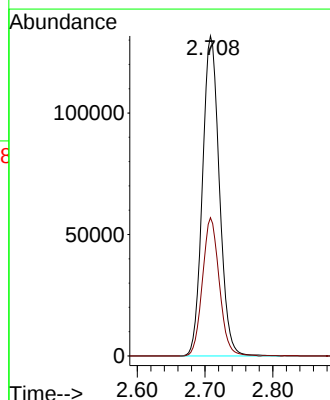
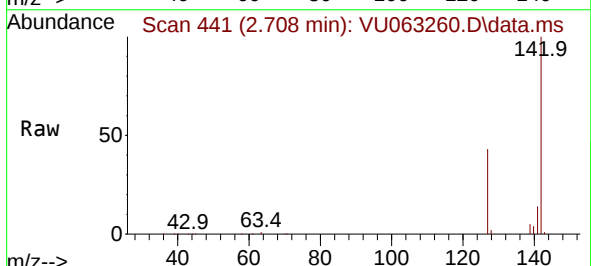
RT: 2.708 min Scan# 441

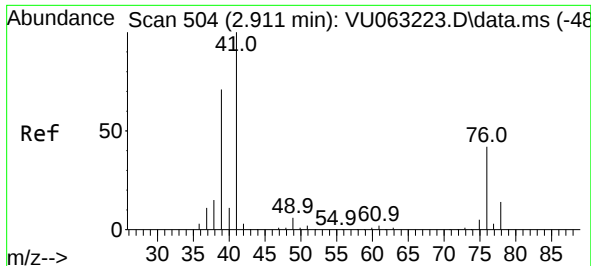
Delta R.T. -0.000 min

Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

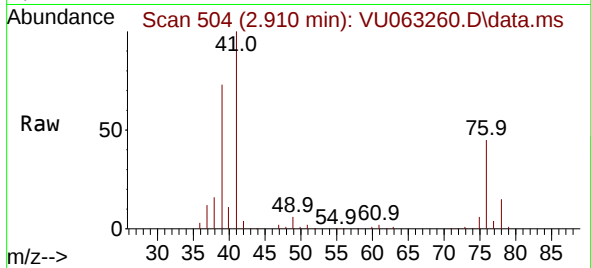
Tgt Ion:142 Resp: 228118
 Ion Ratio Lower Upper
 142 100
 127 43.0 34.5 51.7





#11
 Allyl Chloride
 Concen: 9.822 ug/l
 RT: 2.910 min Scan# 504
 Delta R.T. -0.000 min
 Lab File: VU063260.D
 Acq: 12 Feb 2025 18:23

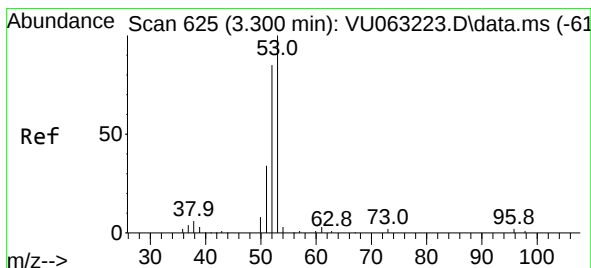
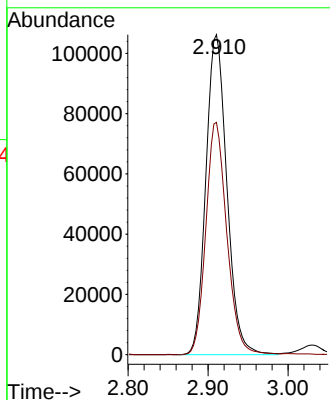
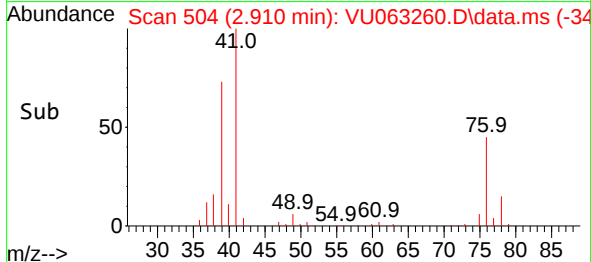
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



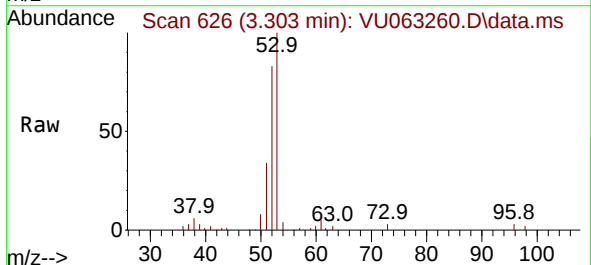
Tgt Ion: 41 Resp: 19416
 Ion Ratio Lower Upper
 41 100
 39 72.6 57.9 86.9

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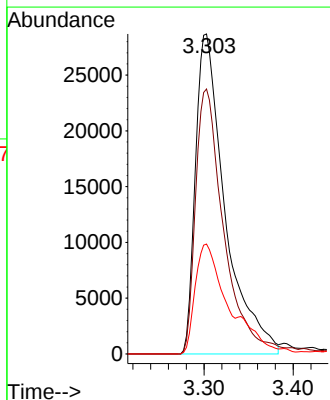
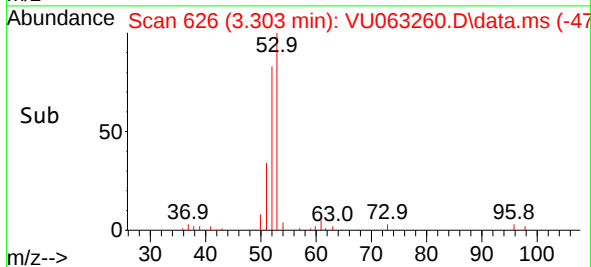
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

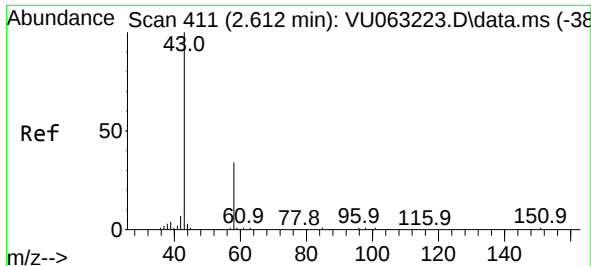


#12
 Acrylonitrile
 Concen: 20.842 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. 0.003 min
 Lab File: VU063260.D
 Acq: 12 Feb 2025 18:23



Tgt Ion: 53 Resp: 66150
 Ion Ratio Lower Upper
 53 100
 52 79.8 64.2 96.2
 51 31.3 30.8 46.2





#13

Acetone

Concen: 46.334 ug/l

RT: 2.611 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 11308

Ion Ratio Lower Upper

43 100

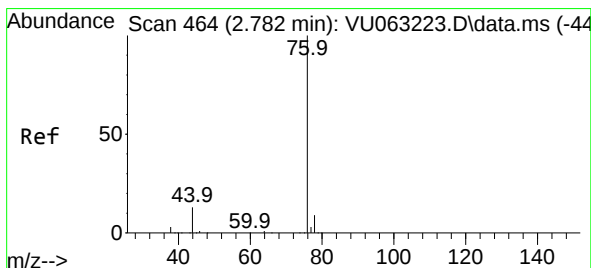
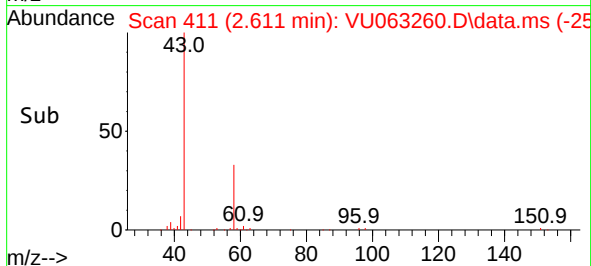
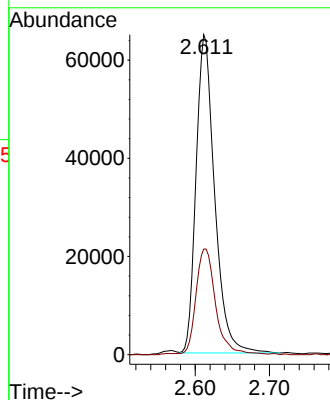
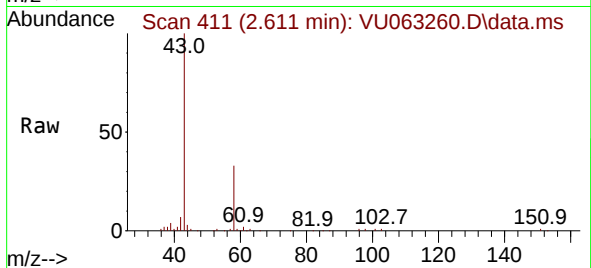
58 33.2 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#14

Carbon Disulfide

Concen: 9.599 ug/l

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU063260.D

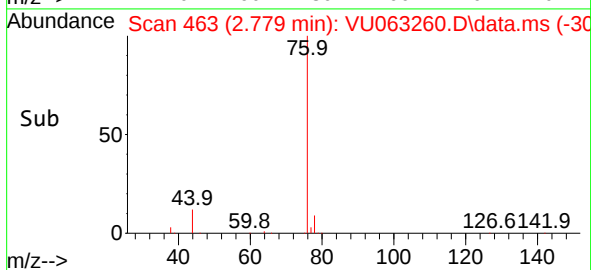
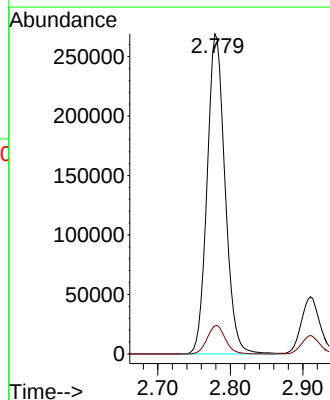
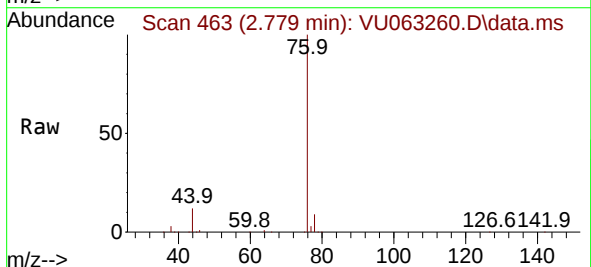
Acq: 12 Feb 2025 18:23

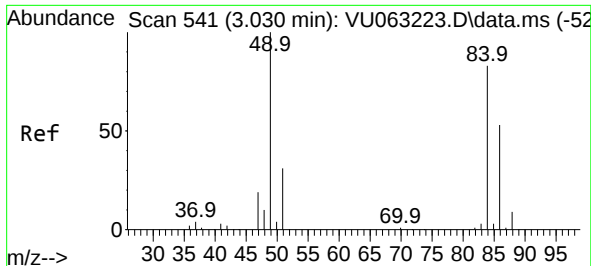
Tgt Ion: 76 Resp: 461876

Ion Ratio Lower Upper

76 100

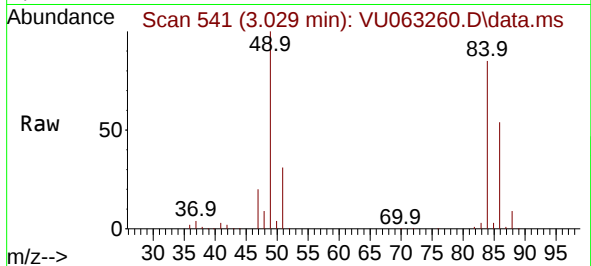
78 8.8 7.2 10.8





#15
Methylene Chloride
Concen: 9.805 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

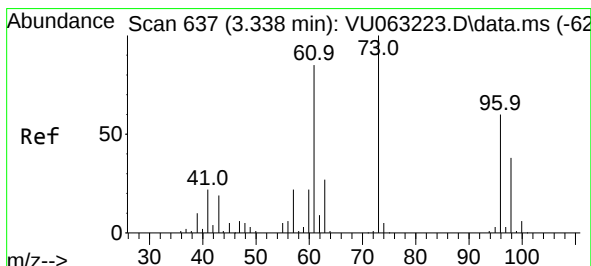
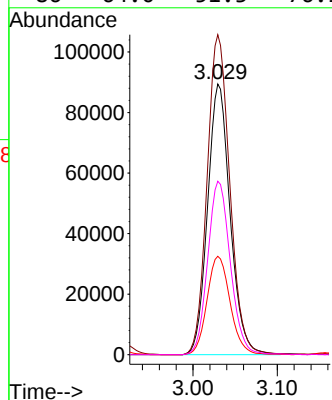
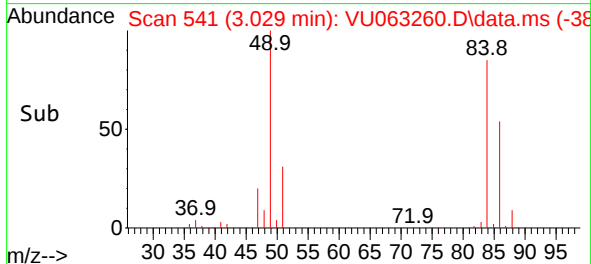
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



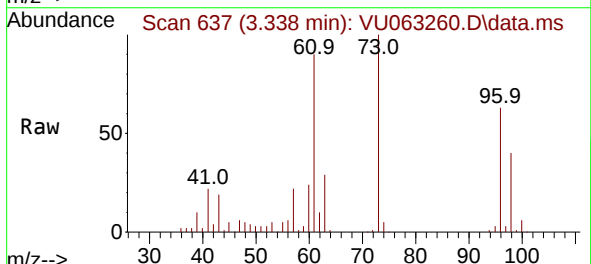
Tgt Ion: 84 Resp: 166692
Ion Ratio Lower Upper
84 100
49 118.2 96.4 144.6
51 36.4 0.0 74.8
86 64.0 51.3 76.9

Manual Integrations
APPROVED

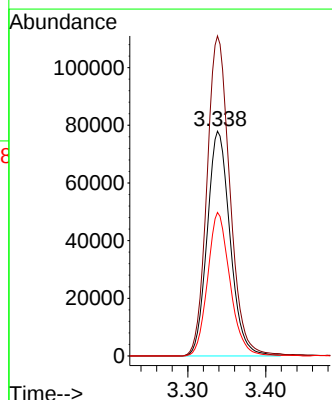
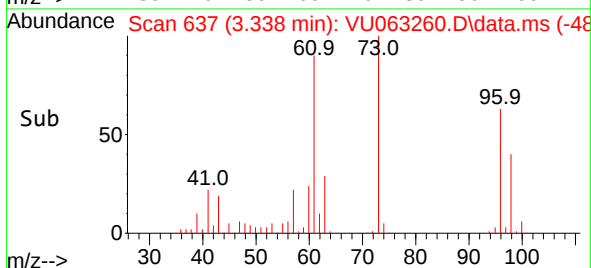
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

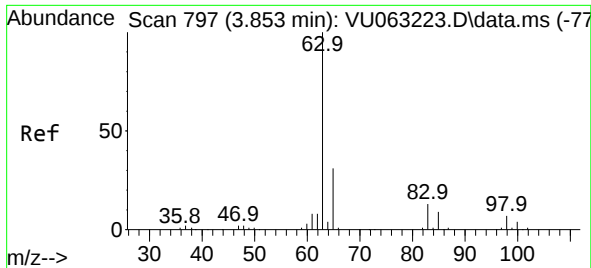


#16
trans-1,2-Dichloroethene
Concen: 10.116 ug/l
RT: 3.338 min Scan# 637
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



Tgt Ion: 96 Resp: 158870
Ion Ratio Lower Upper
96 100
61 142.4 113.4 170.2
98 63.8 51.2 76.8





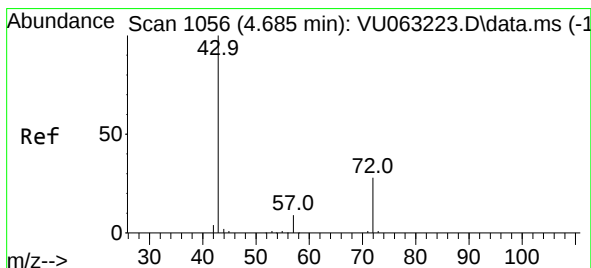
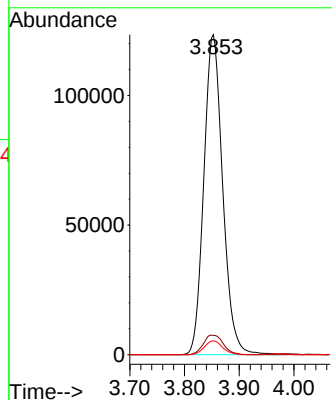
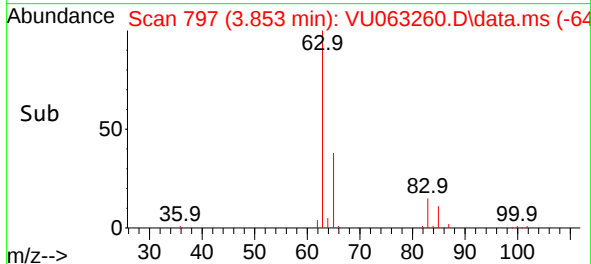
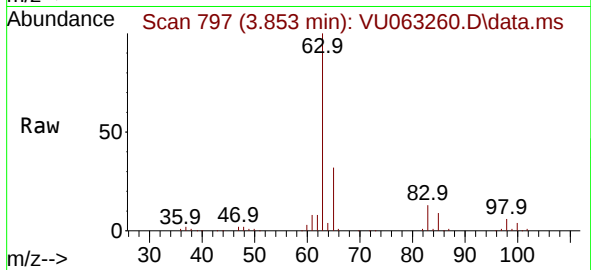
#17
1,1-Dichloroethane
Concen: 9.992 ug/l
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 295797
Ion Ratio Lower Upper
63 100
98 6.0 3.3 9.9
100 4.3 2.1 6.2

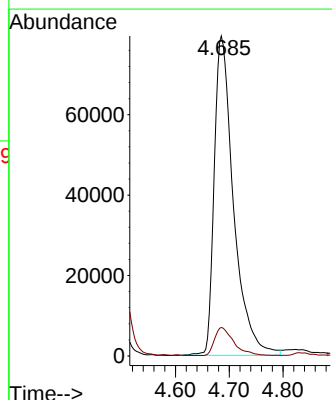
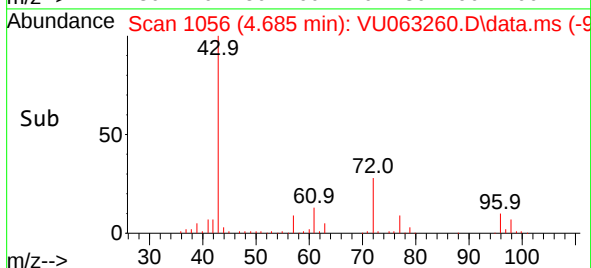
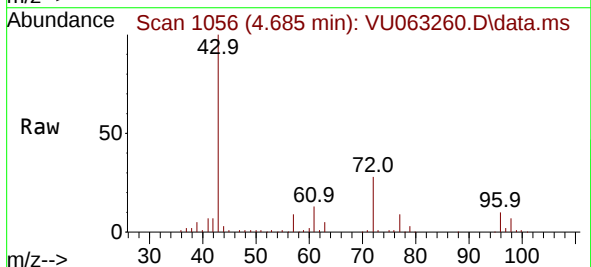
Manual Integrations
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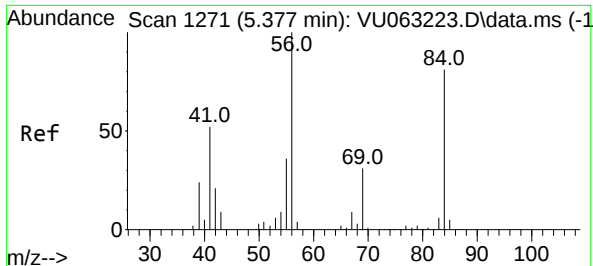
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#18
2-Butanone
Concen: 51.152 ug/l
RT: 4.685 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Tgt Ion: 43 Resp: 198684
Ion Ratio Lower Upper
43 100
57 8.8 0.0 17.0





#19

Cyclohexane

Concen: 10.322 ug/l m

RT: 5.373 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

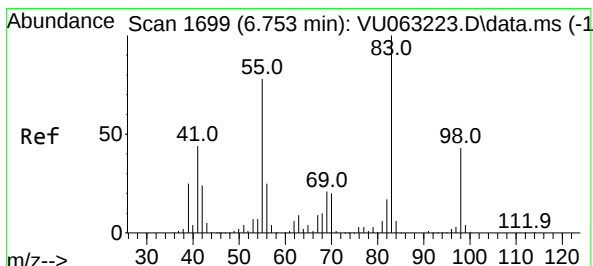
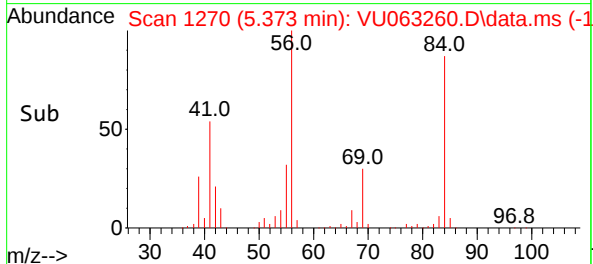
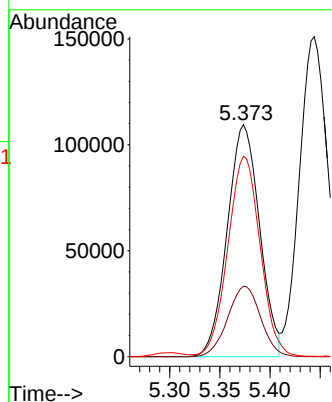
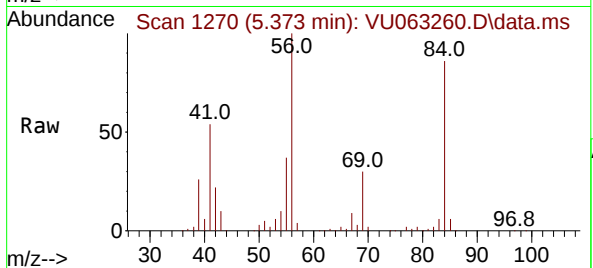
Tgt Ion: 56 Resp: 245530

Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.5	36.7
84	84.7	65.2	97.8

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 10.833 ug/l

RT: 6.750 min Scan# 1698

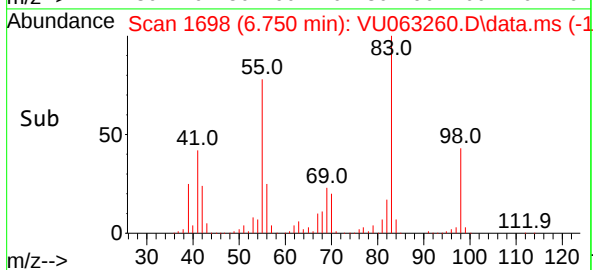
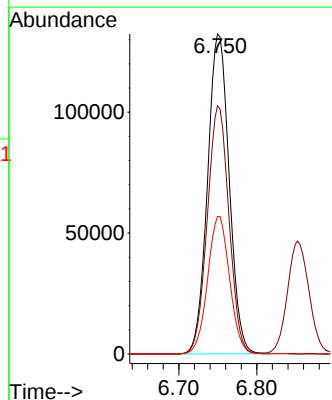
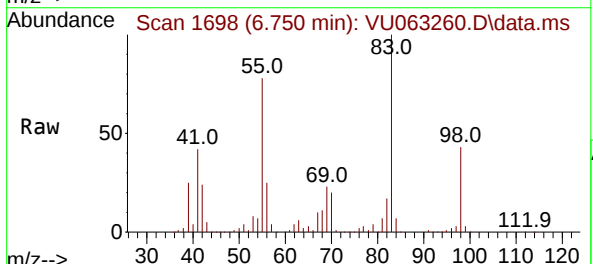
Delta R.T. -0.003 min

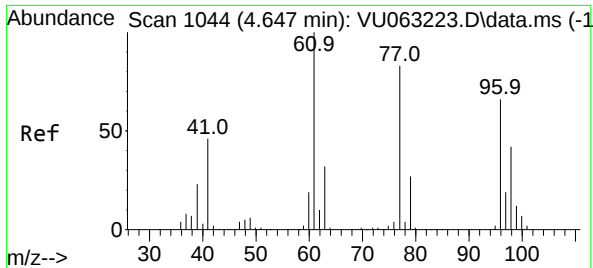
Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

Tgt Ion: 83 Resp: 255530

Ion	Ratio	Lower	Upper
83	100		
55	77.2	63.1	94.7
98	43.7	35.2	52.8





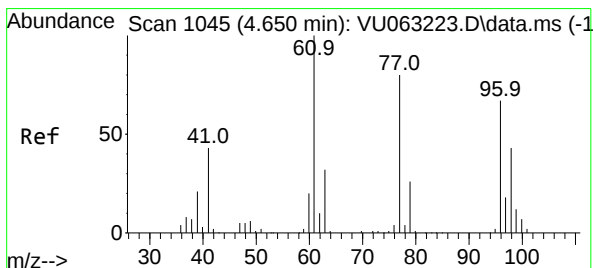
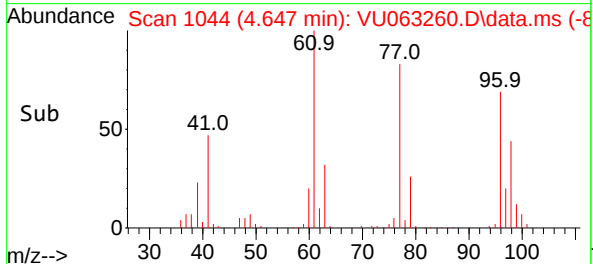
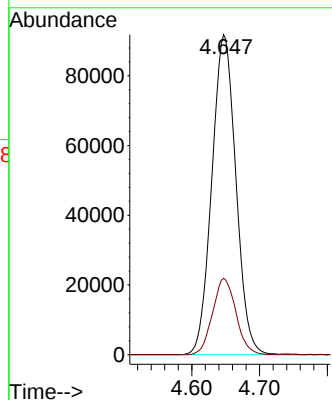
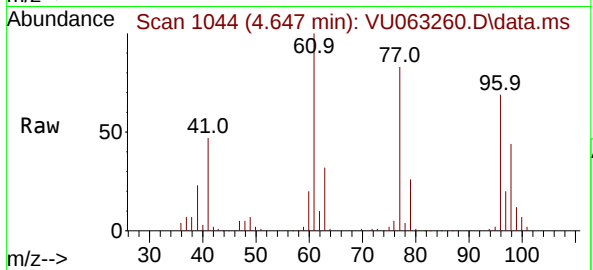
#21
2,2-Dichloropropane
Concen: 9.792 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 226144
Ion Ratio Lower Upper
77 100
97 23.2 18.5 27.7

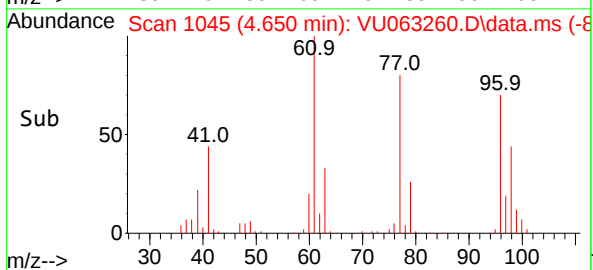
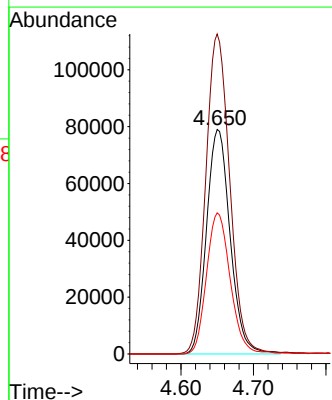
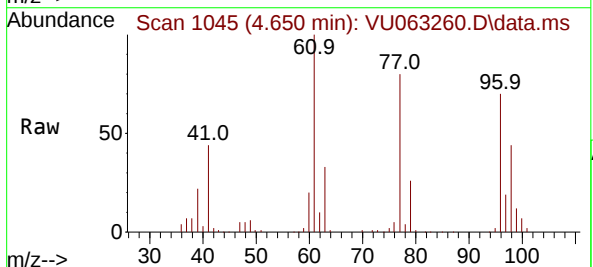
Manual Integrations
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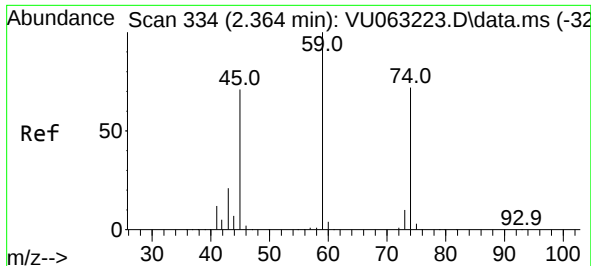
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#22
cis-1,2-Dichloroethene
Concen: 10.563 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

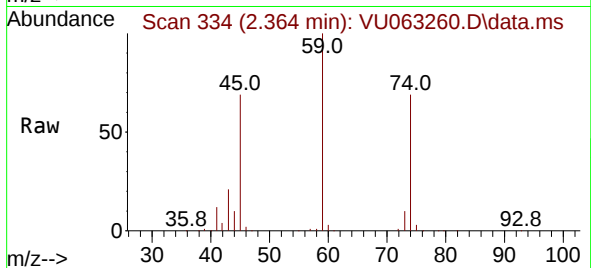
Tgt Ion: 96 Resp: 179243
Ion Ratio Lower Upper
96 100
61 144.4 0.0 373.3
98 62.9 31.9 95.9





#23
Diethyl Ether
Concen: 9.670 ug/l
RT: 2.364 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

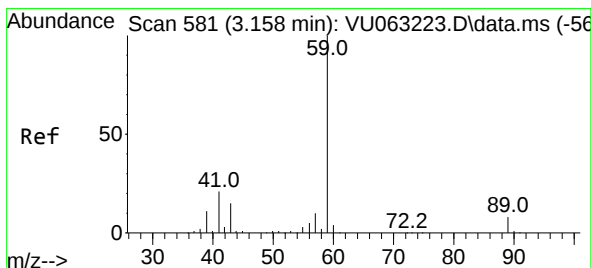
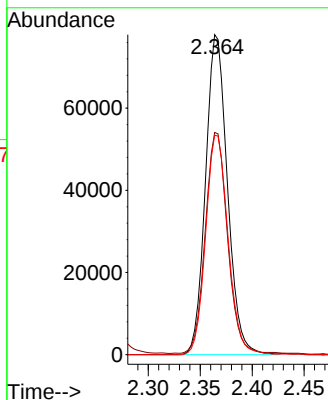
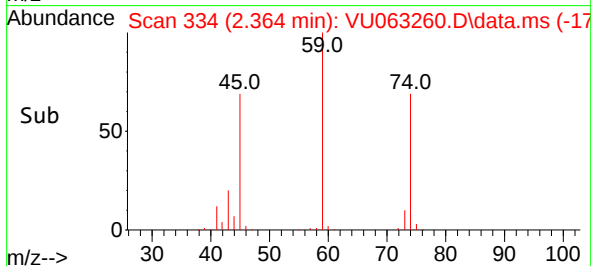
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 11417
Ion Ratio Lower Upper
59 100
45 70.0 57.8 86.6
74 70.2 57.7 86.5

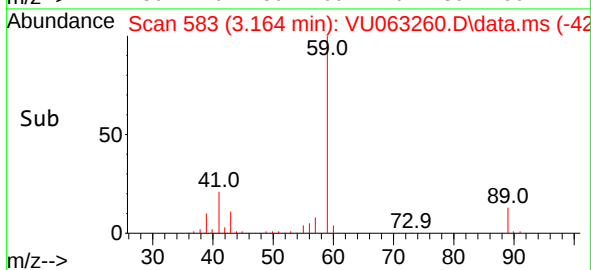
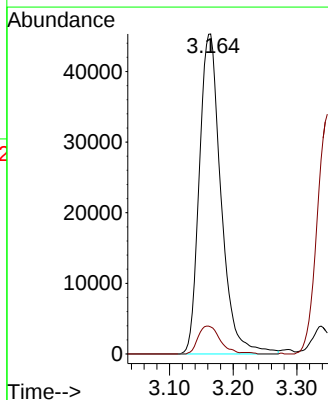
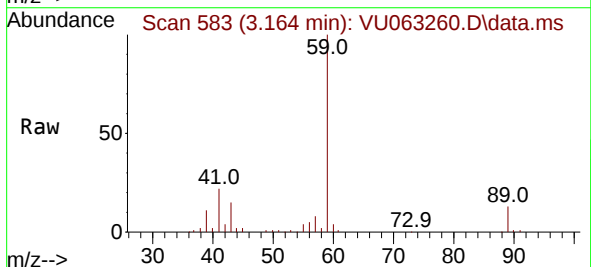
Manual Integrations
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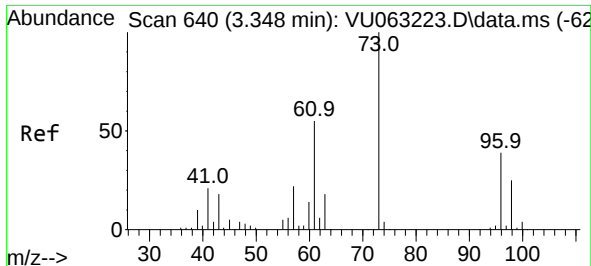
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#24
tert-Butyl Alcohol
Concen: 88.132 ug/l
RT: 3.164 min Scan# 583
Delta R.T. 0.006 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

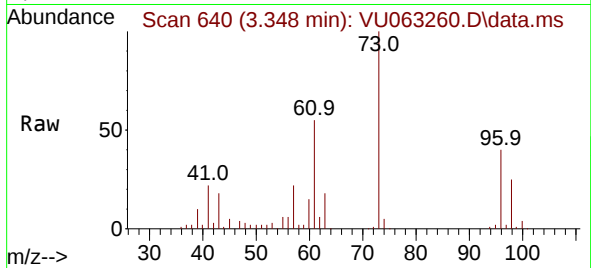
Tgt Ion: 59 Resp: 107197
Ion Ratio Lower Upper
59 100
57 8.8 7.5 11.3





#25
Methyl tert-Butyl Ether
Concen: 10.311 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

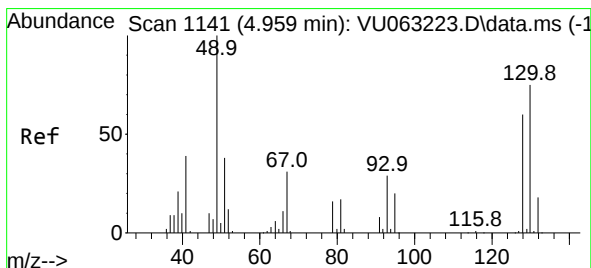
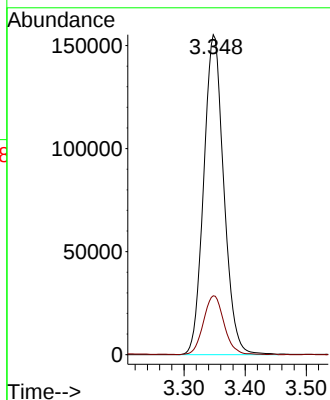
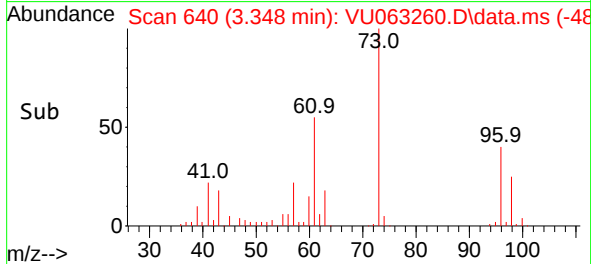
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 354384
Ion Ratio Lower Upper
73 100
43 18.8 14.9 22.3

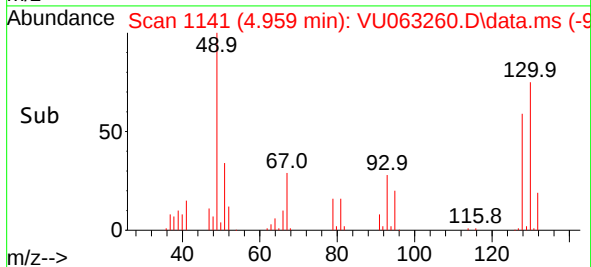
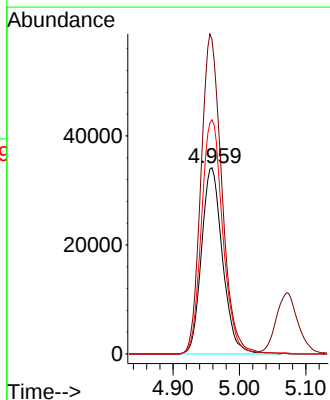
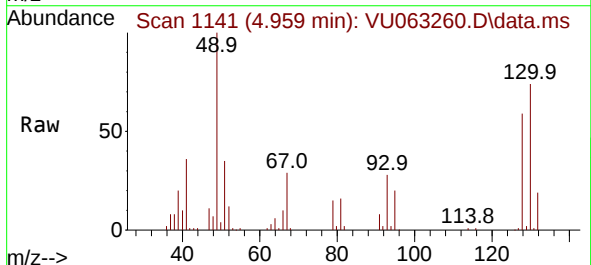
Manual Integrations
APPROVED

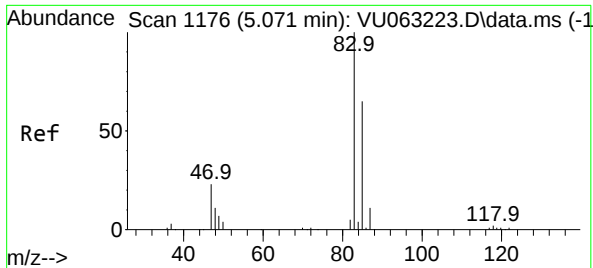
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#26
Bromochloromethane
Concen: 10.143 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Tgt Ion:128 Resp: 75237
Ion Ratio Lower Upper
128 100
49 169.8 0.0 343.4
130 127.7 102.9 154.3





#27

Chloroform

Concen: 10.146 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 30310

Ion Ratio Lower Upper

83 100

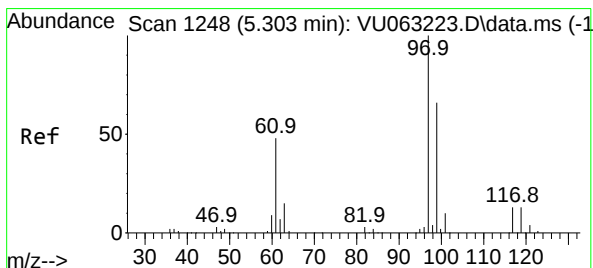
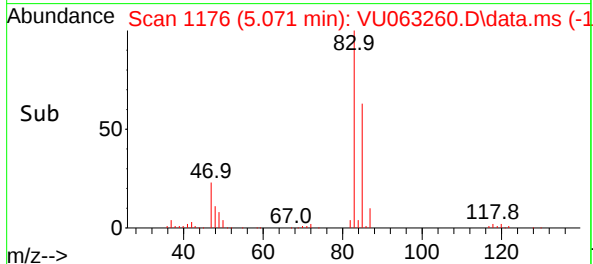
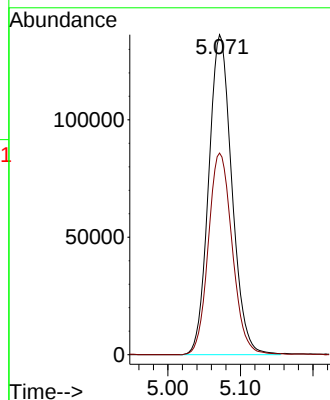
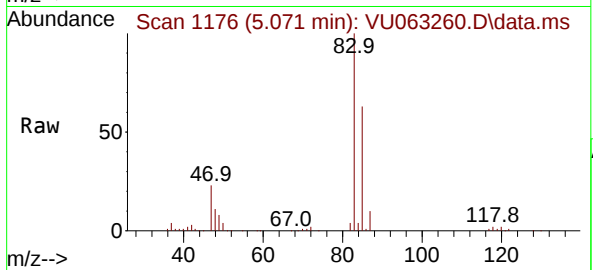
85 63.0 0.0 129.8

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: 10.217 ug/l

RT: 5.299 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

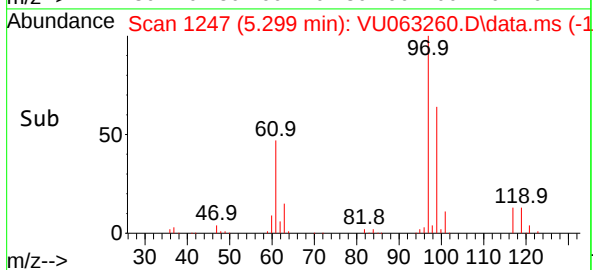
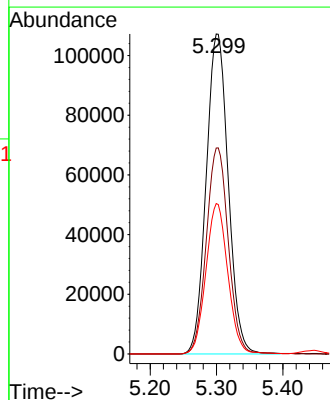
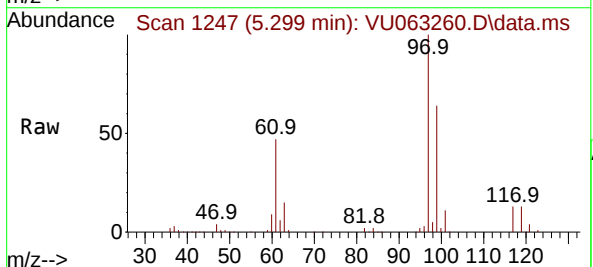
Tgt Ion: 97 Resp: 247257

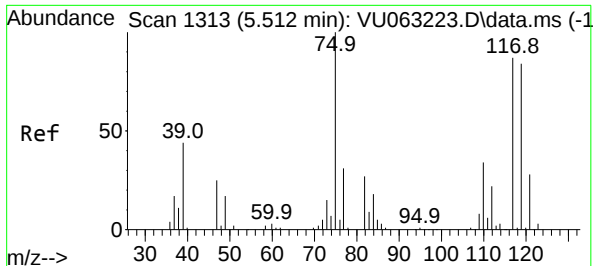
Ion Ratio Lower Upper

97 100

99 64.5 32.4 97.0

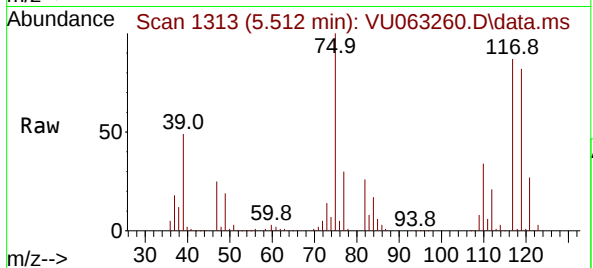
61 46.9 23.8 71.2





#29
1,1-Dichloropropene
Concen: 10.496 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

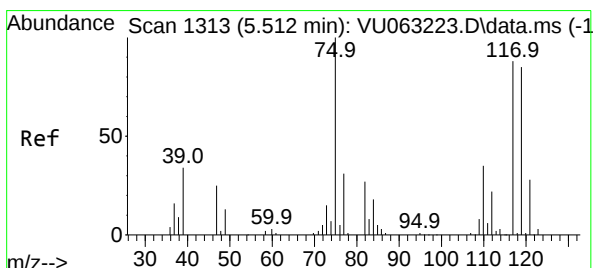
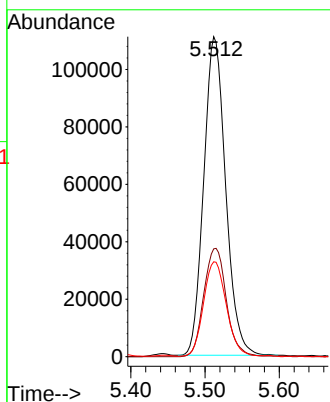
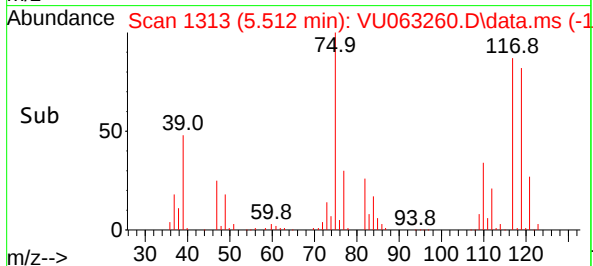
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



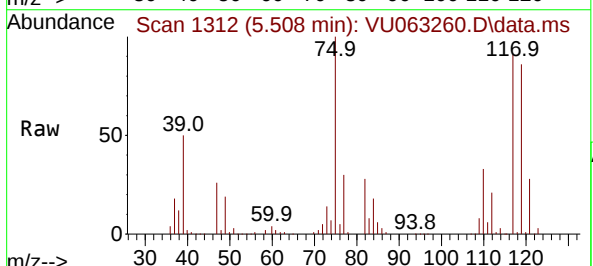
Tgt Ion: 75 Resp: 22749
Ion Ratio Lower Upper
75 100
110 35.1 17.2 51.5
77 30.7 24.6 37.0

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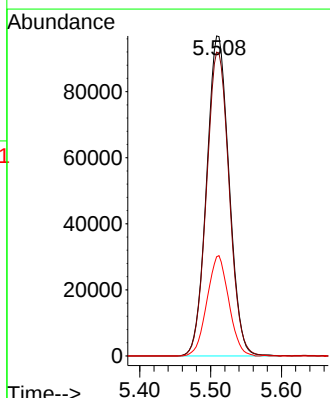
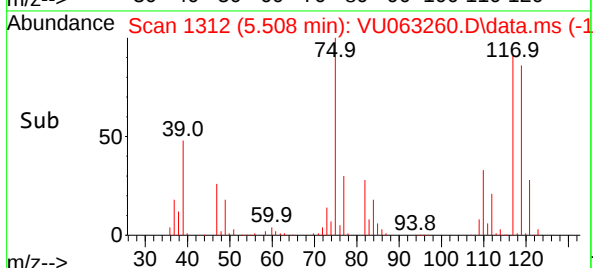
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

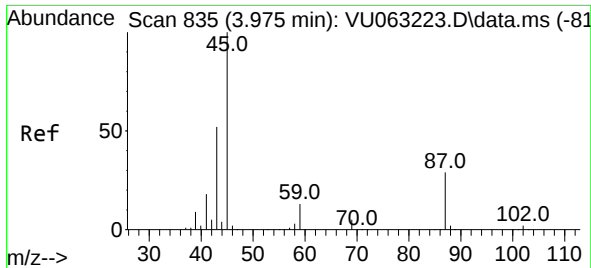


#30
Carbon Tetrachloride
Concen: 10.280 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



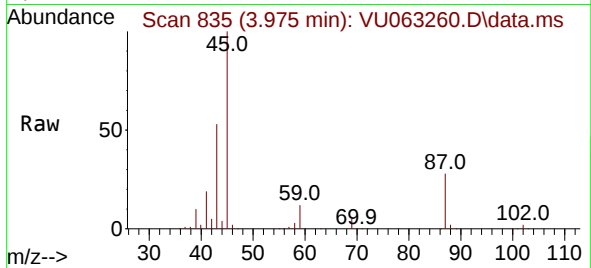
Tgt Ion:117 Resp: 213346
Ion Ratio Lower Upper
117 100
119 95.0 76.7 115.1
121 31.0 25.5 38.3





#31
Isopropyl Ether
Concen: 10.349 ug/l
RT: 3.975 min Scan# 835
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

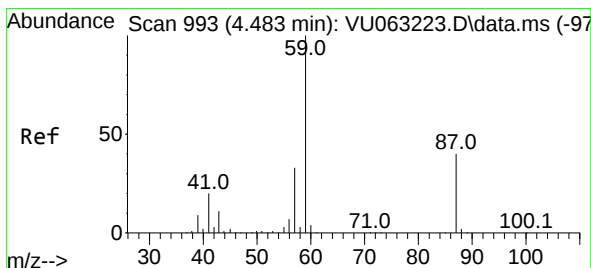
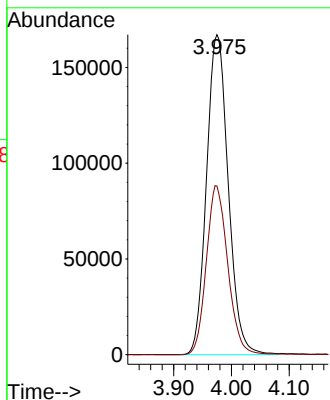
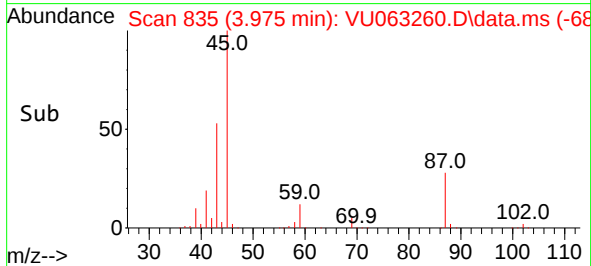
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



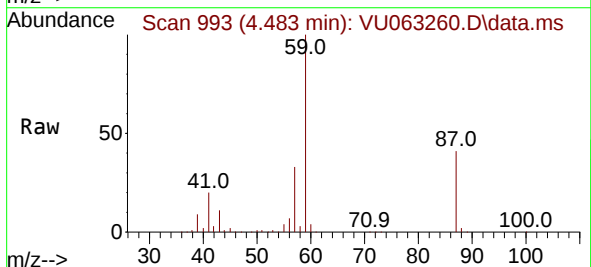
Tgt Ion: 45 Resp: 437370
Ion Ratio Lower Upper
45 100
43 52.1 25.7 77.1

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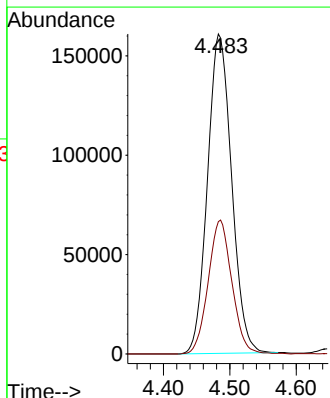
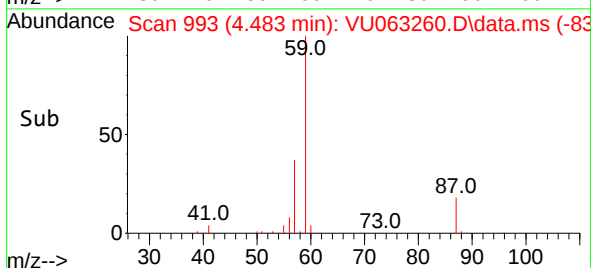
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

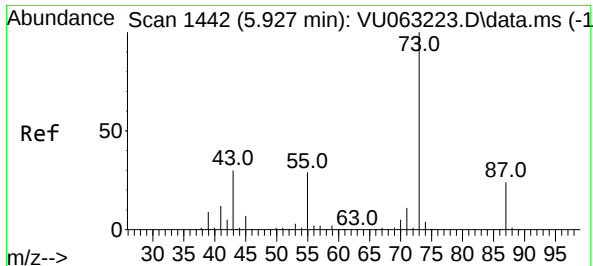


#32
Ethyl-t-butyl ether
Concen: 10.559 ug/l
RT: 4.483 min Scan# 993
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



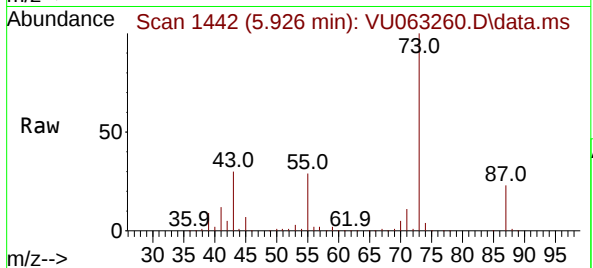
Tgt Ion: 59 Resp: 405807
Ion Ratio Lower Upper
59 100
87 40.9 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 10.774 ug/l
RT: 5.926 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

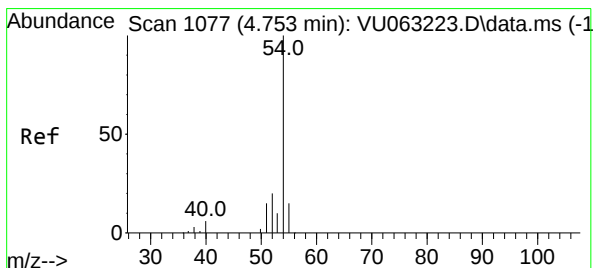
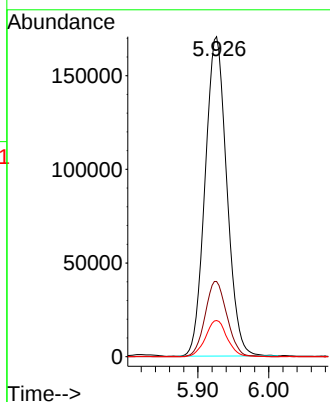
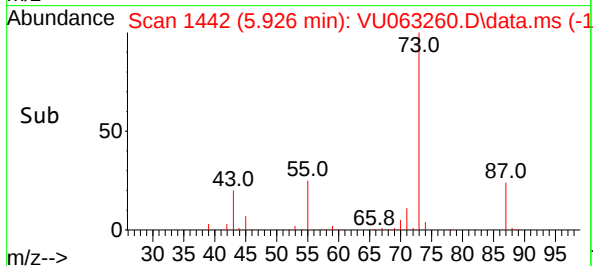
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



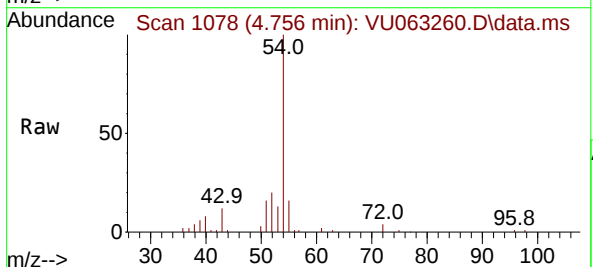
Tgt Ion: 73 Resp: 36180
Ion Ratio Lower Upper
73 100
87 23.9 18.9 28.3
71 11.3 9.0 13.4

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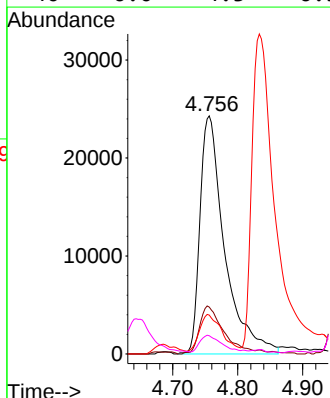
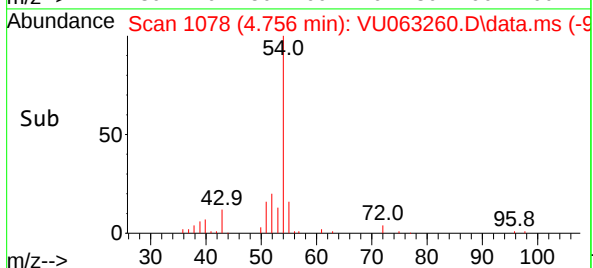
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

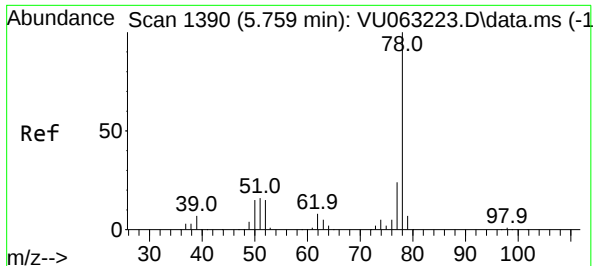


#34
Propionitrile
Concen: 54.775 ug/l
RT: 4.756 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



Tgt Ion: 54 Resp: 64170
Ion Ratio Lower Upper
54 100
52 19.6 16.3 24.5
55 14.6 11.8 17.6
40 6.0 4.3 6.5





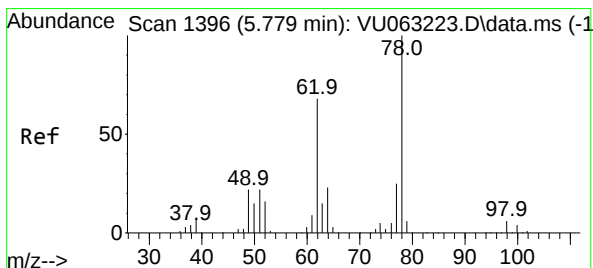
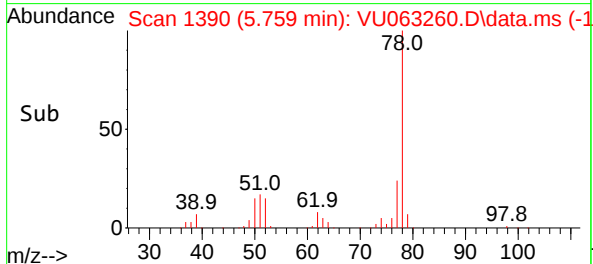
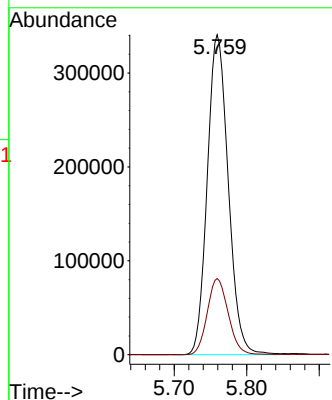
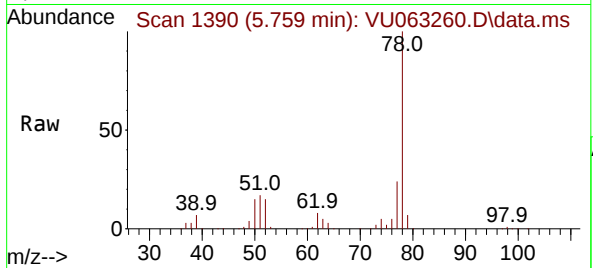
#35
Benzene
Concen: 10.279 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 685092
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

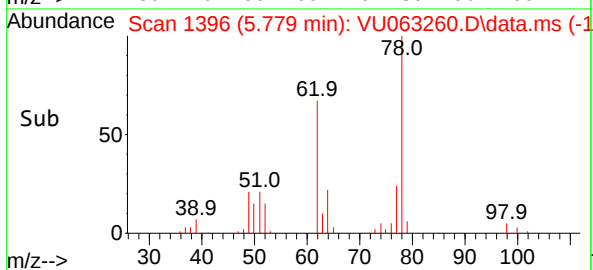
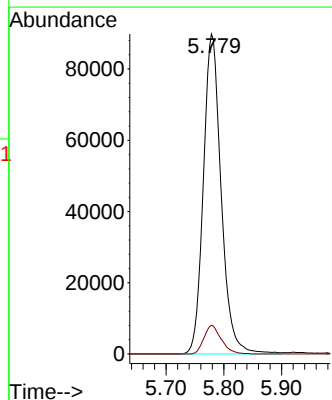
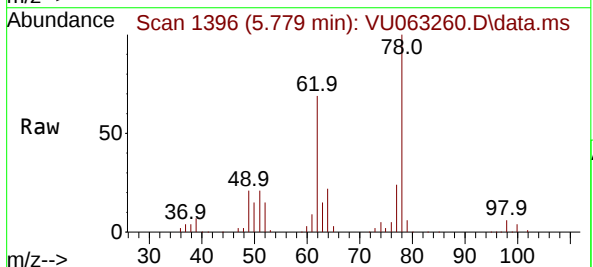
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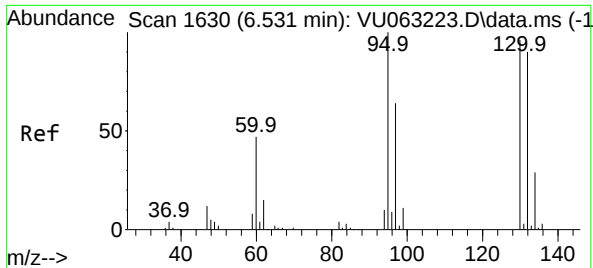
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#36
1,2-Dichloroethane
Concen: 10.007 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Tgt Ion: 62 Resp: 192489
Ion Ratio Lower Upper
62 100
98 8.7 6.9 10.3





#37
 Trichloroethene
 Concen: 10.120 ug/l
 RT: 6.528 min Scan# 1629
 Delta R.T. -0.003 min
 Lab File: VU063260.D
 Acq: 12 Feb 2025 18:23

Instrument :

MSVOA_U

ClientSampleId :

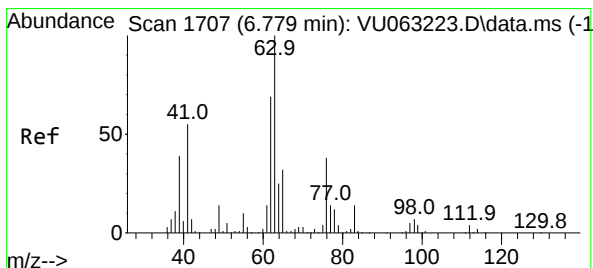
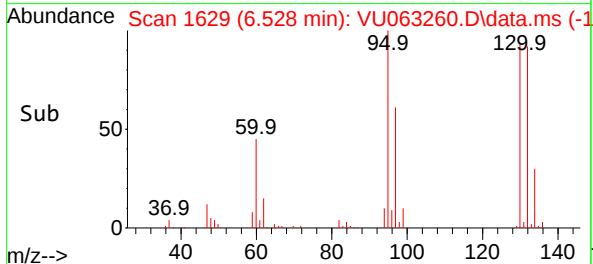
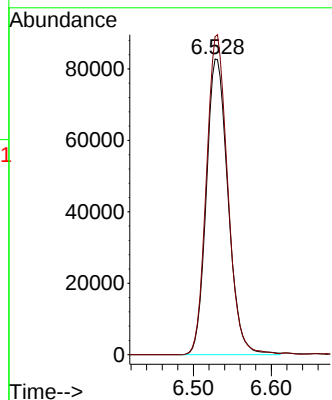
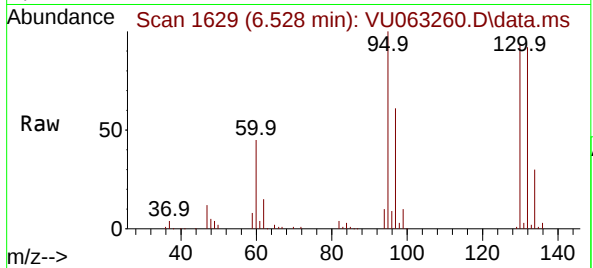
VSTDCCC010EC

Tgt Ion:130 Resp: 16039
 Ion Ratio Lower Upper
 130 100
 95 107.5 83.2 124.8

Manual Integrations

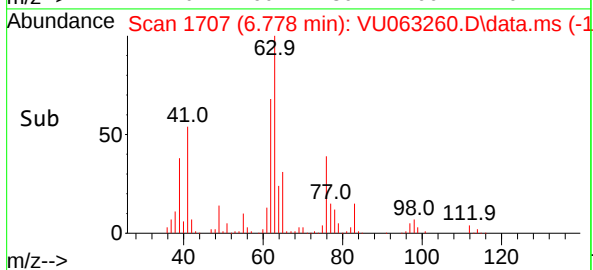
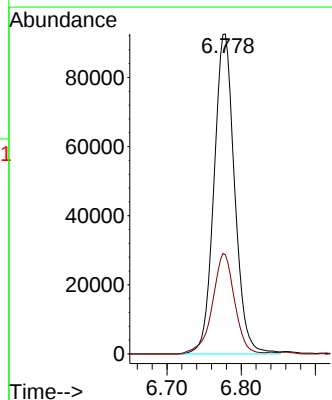
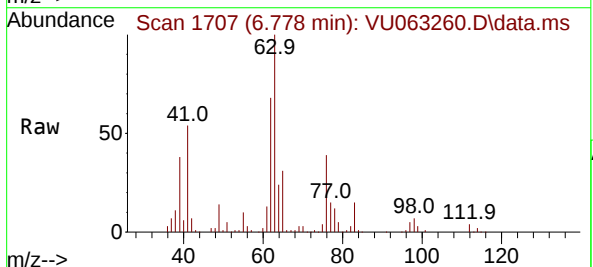
APPROVED

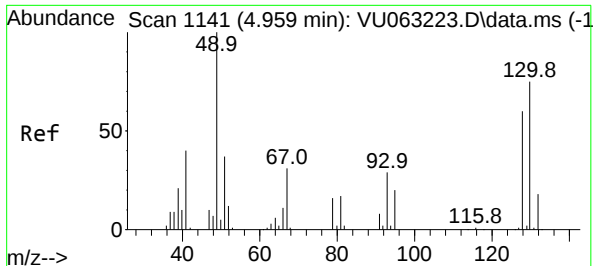
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#38
 1,2-Dichloropropane
 Concen: 10.246 ug/l
 RT: 6.778 min Scan# 1707
 Delta R.T. -0.000 min
 Lab File: VU063260.D
 Acq: 12 Feb 2025 18:23

Tgt Ion: 63 Resp: 178723
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.3 37.9





#39

Methacrylonitrile

Concen: 10.977 ug/l

RT: 4.955 min Scan# 1141

Delta R.T. -0.003 min

Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

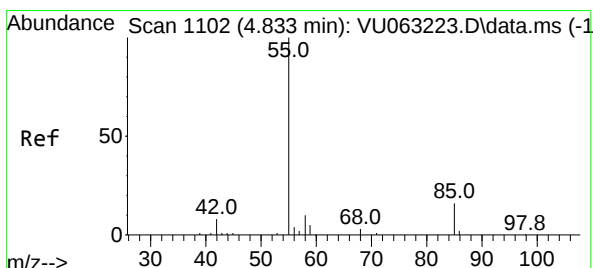
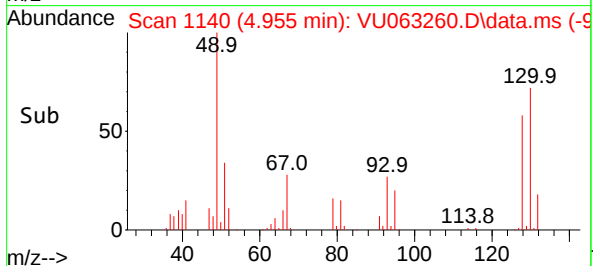
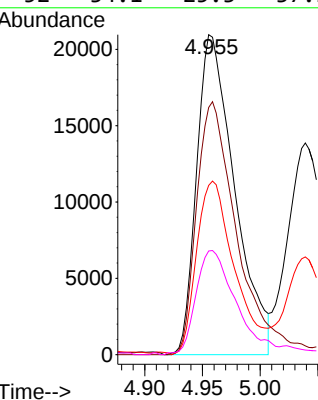
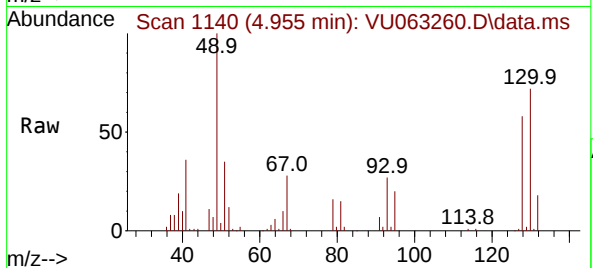
Tgt Ion: 41 Resp: 47920

Ion	Ratio	Lower	Upper
41	100		
67	84.3	64.5	96.7
39	54.3	43.0	64.6
52	34.1	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: 10.162 ug/l

RT: 4.833 min Scan# 1102

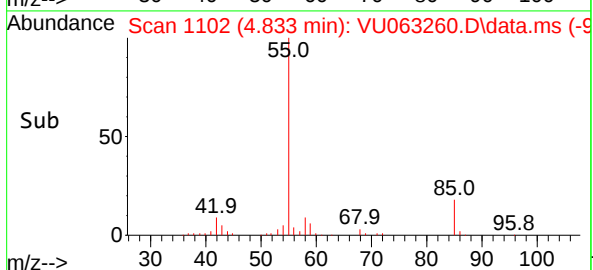
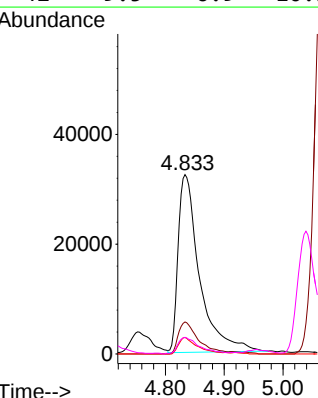
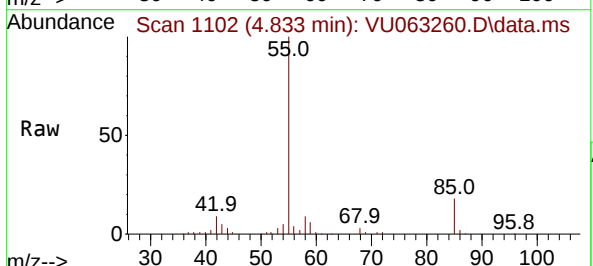
Delta R.T. -0.000 min

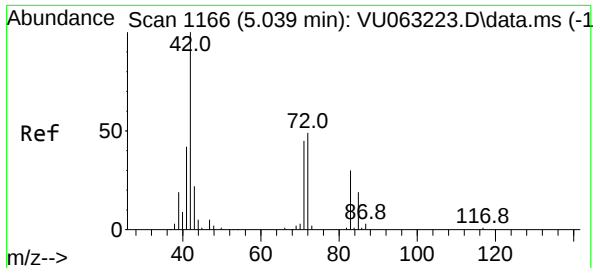
Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

Tgt Ion: 55 Resp: 81768

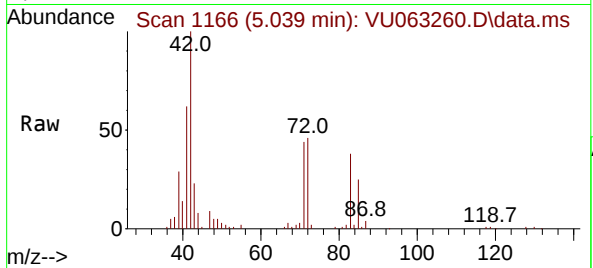
Ion	Ratio	Lower	Upper
55	100		
85	16.9	13.3	19.9
58	8.1	7.3	10.9
42	9.5	6.9	10.3





#41
Tetrahydrofuran
Concen: 20.058 ug/l
RT: 5.039 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

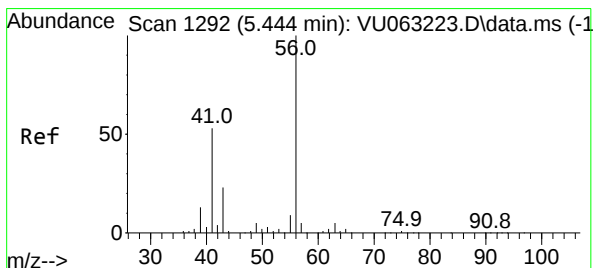
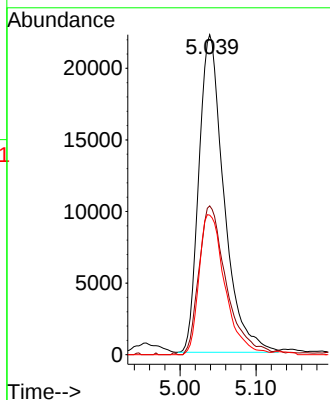
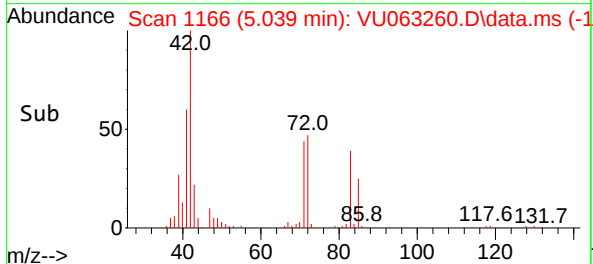
Instrument :
MSVOA_U
ClientSampleId :
VSTDC010EC



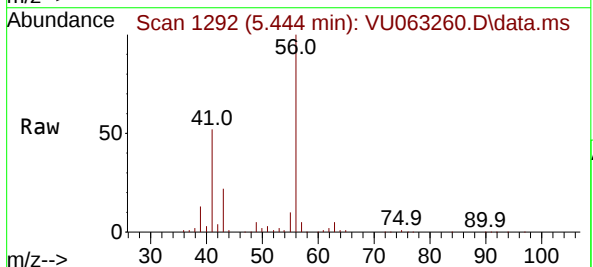
Tgt Ion: 42 Resp: 50932
Ion Ratio Lower Upper
42 100
72 51.0 41.5 62.3
71 45.5 37.2 55.8

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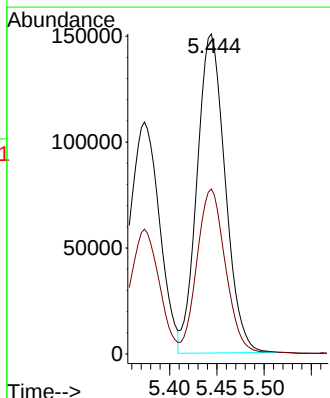
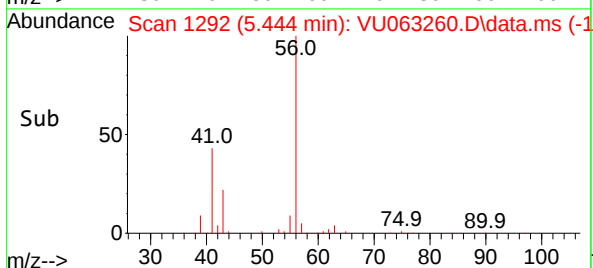
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

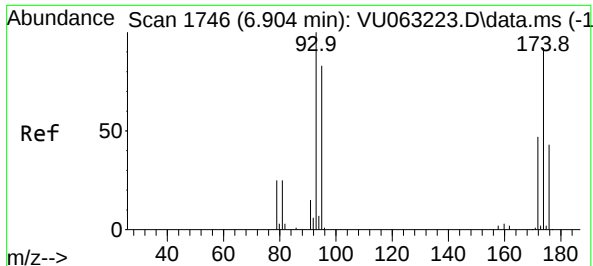


#42
1-Chlorobutane
Concen: 10.494 ug/l
RT: 5.444 min Scan# 1292
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



Tgt Ion: 56 Resp: 311205
Ion Ratio Lower Upper
56 100
41 51.2 26.3 78.8





#43

Dibromomethane

Concen: 10.119 ug/l

RT: 6.907 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

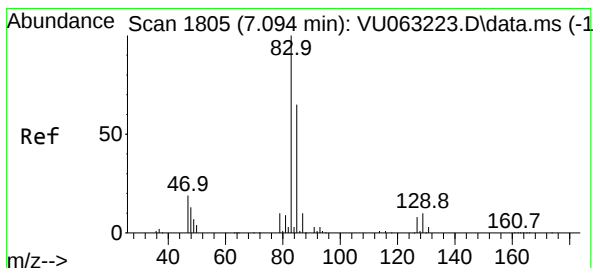
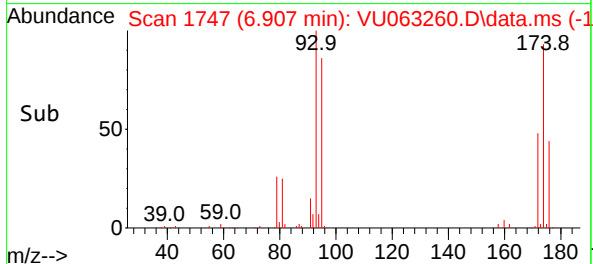
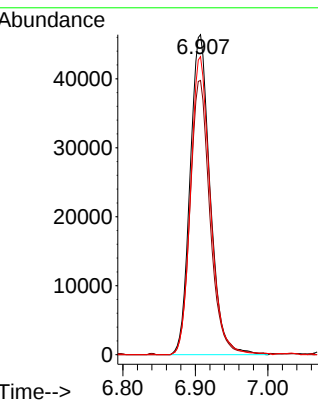
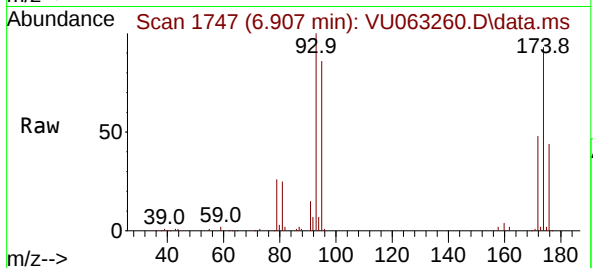
Tgt Ion: 93 Resp: 89384

Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.2	100.8
174	91.7	75.7	113.5

Manual Integrations

APPROVED

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



#44

Bromodichloromethane

Concen: 10.385 ug/l

RT: 7.094 min Scan# 1805

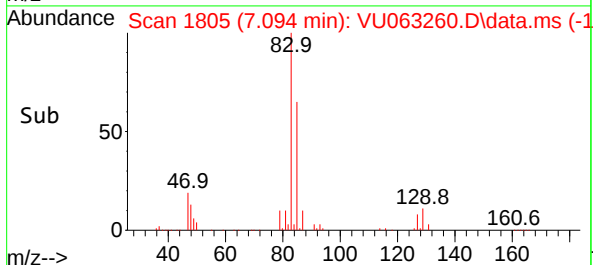
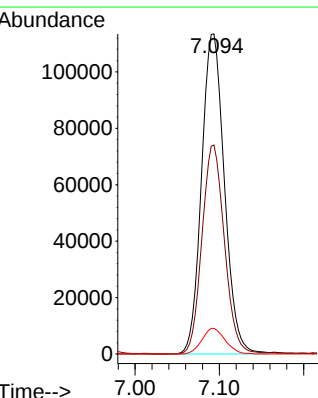
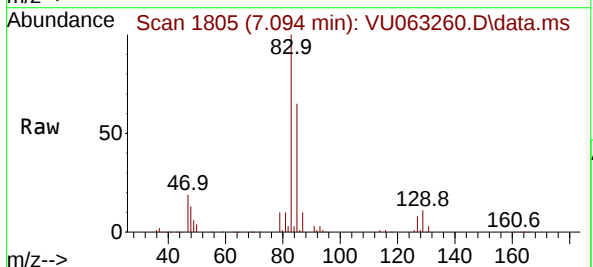
Delta R.T. -0.000 min

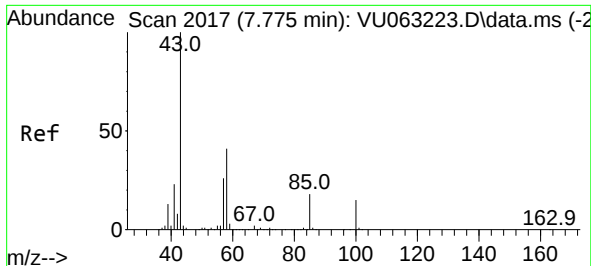
Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

Tgt Ion: 83 Resp: 213512

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.7	77.5
127	8.0	6.7	10.1





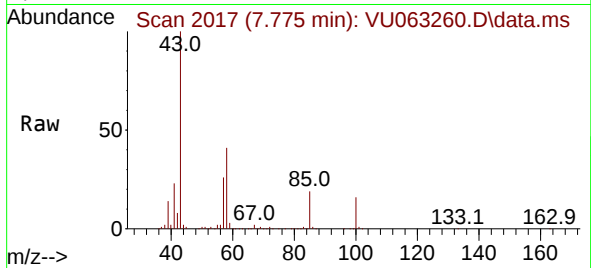
#45
4-Methyl-2-Pentanone
Concen: 53.285 ug/l
RT: 7.775 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

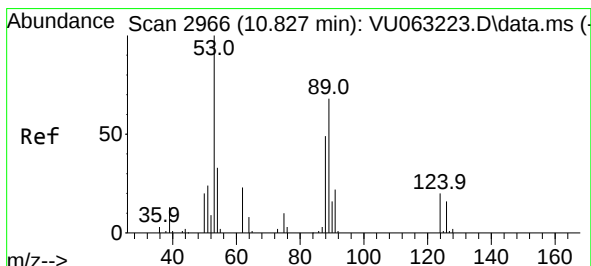
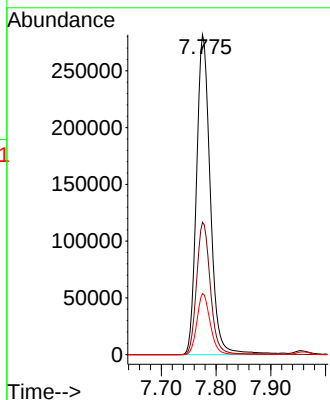
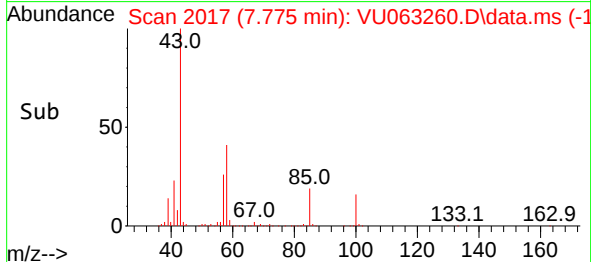


Tgt Ion: 43 Resp: 493444
Ion Ratio Lower Upper
43 100
58 41.2 20.8 62.5
85 18.3 14.8 22.2

Manual Integrations

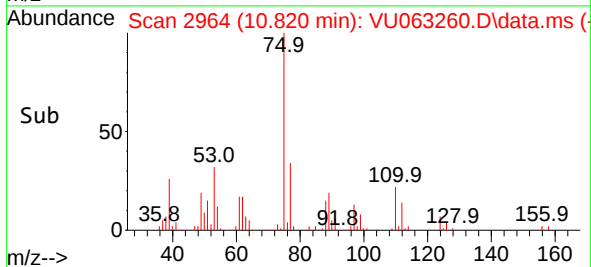
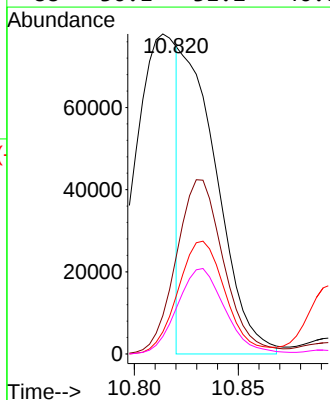
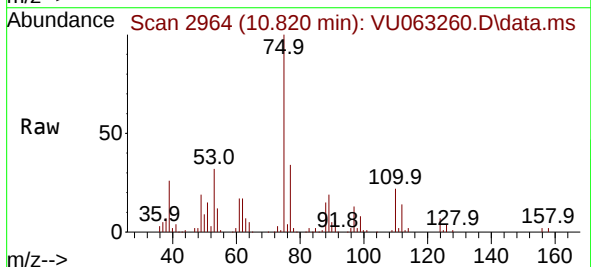
APPROVED

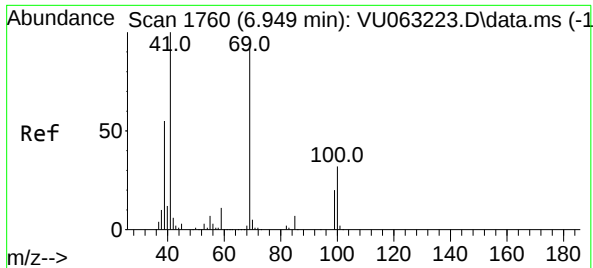
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#46
t-1,4-Dichloro-2-butene
Concen: 21.228 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.007 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

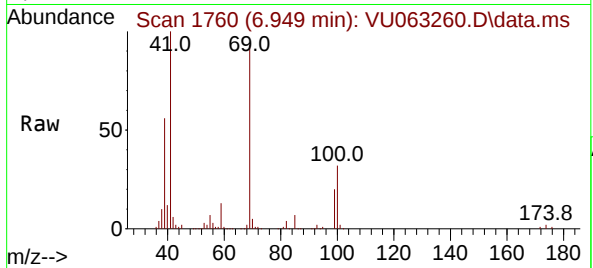
Tgt Ion: 75 Resp: 92410
Ion Ratio Lower Upper
75 100
53 73.6 64.5 96.7
89 47.9 43.4 65.2
88 36.1 31.2 46.8





#47
Methyl methacrylate
Concen: 22.107 ug/l
RT: 6.949 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

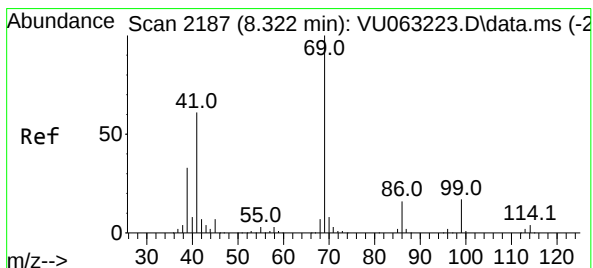
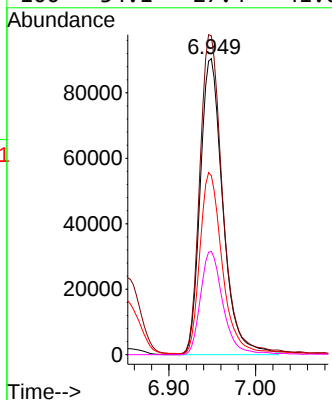
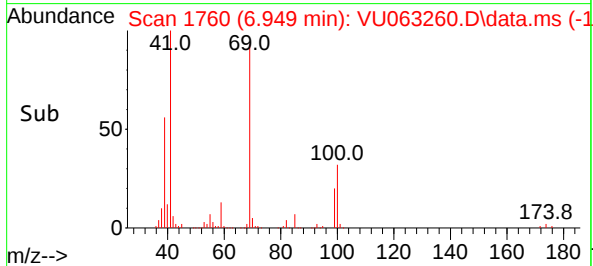
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 16447
Ion Ratio Lower Upper
69 100
41 108.0 0.0 217.0
39 60.8 47.7 71.5
100 34.1 27.4 41.0

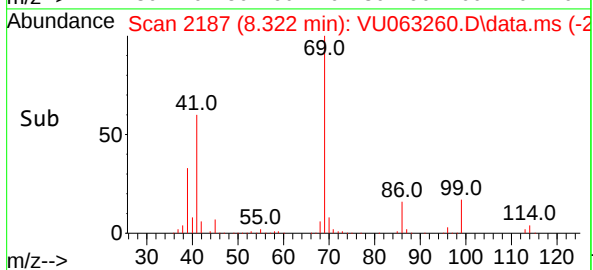
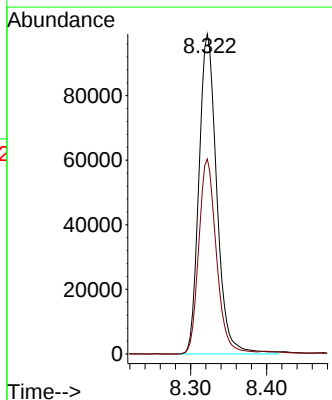
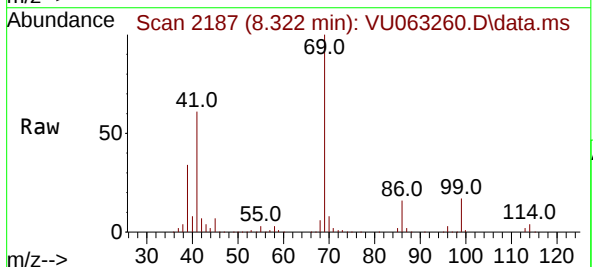
Manual Integrations
APPROVED

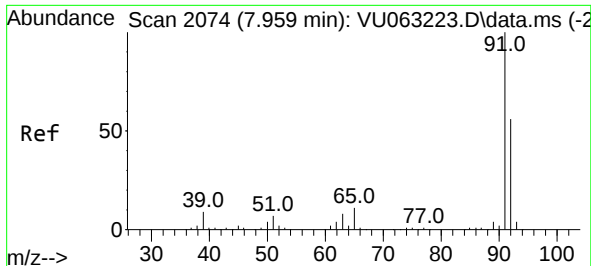
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#48
Ethyl methacrylate
Concen: 11.512 ug/l
RT: 8.322 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

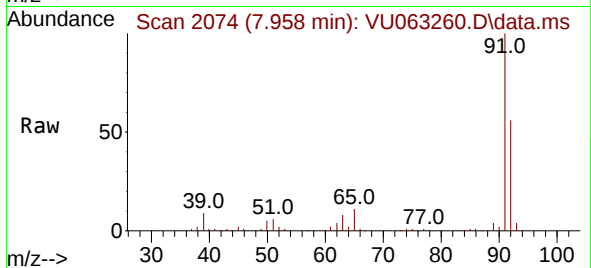
Tgt Ion: 69 Resp: 160829
Ion Ratio Lower Upper
69 100
41 60.5 30.6 92.0





#49
Toluene
Concen: 10.849 ug/l
RT: 7.958 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

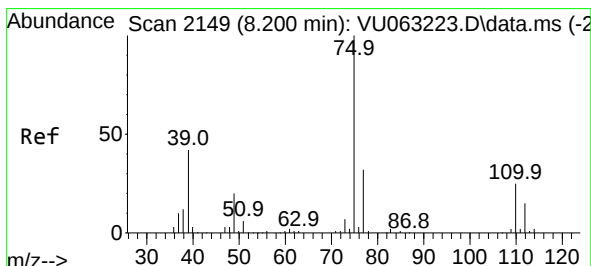
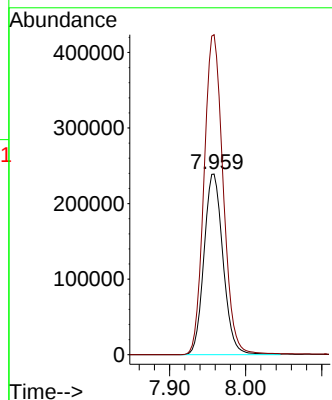
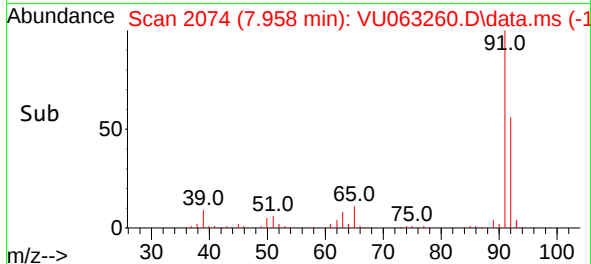
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 92 Resp: 415815
Ion Ratio Lower Upper
92 100
91 179.4 141.8 212.6

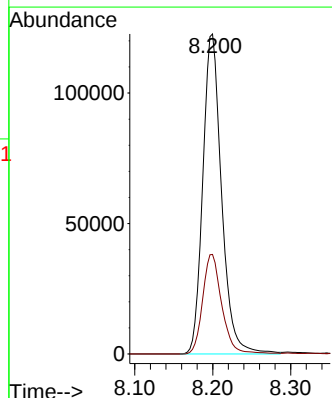
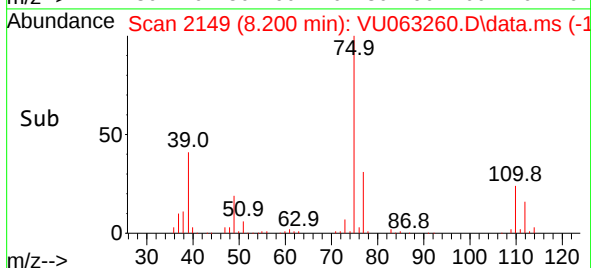
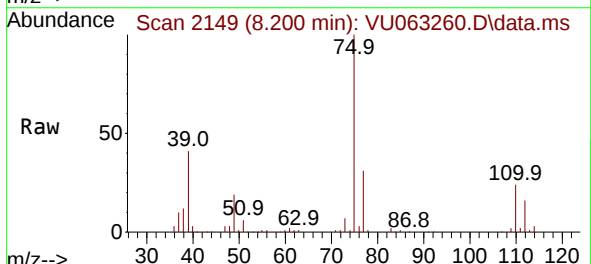
Manual Integrations
APPROVED

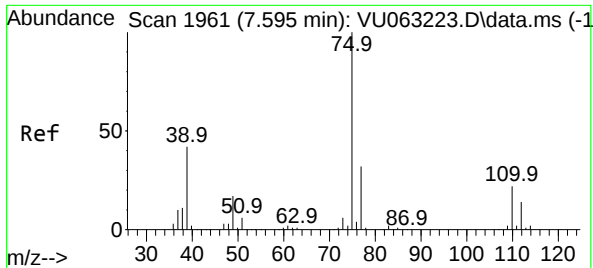
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#50
t-1,3-Dichloropropene
Concen: 10.904 ug/l
RT: 8.200 min Scan# 2149
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

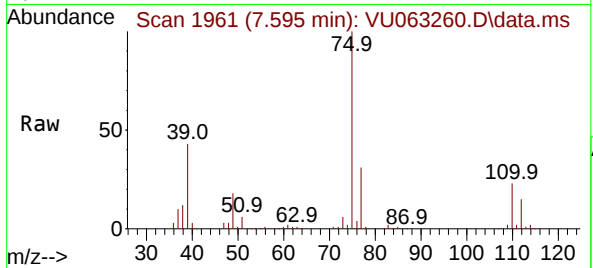
Tgt Ion: 75 Resp: 205245
Ion Ratio Lower Upper
75 100
77 31.1 25.9 38.9





#51
cis-1,3-Dichloropropene
Concen: 10.480 ug/l
RT: 7.595 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

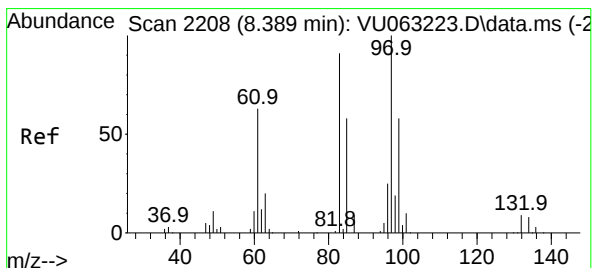
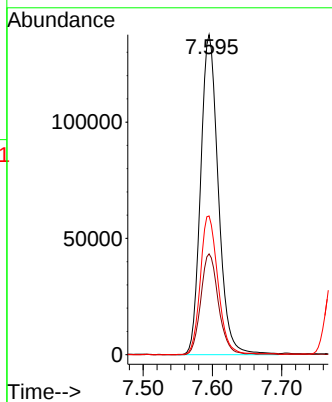
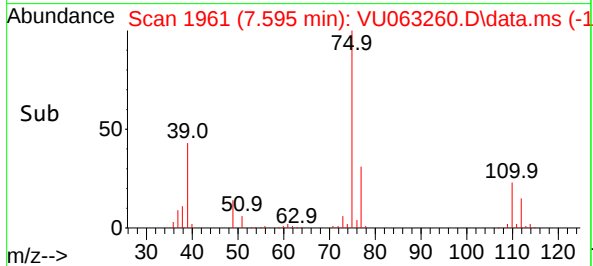
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 24367
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 43.3 33.5 50.3

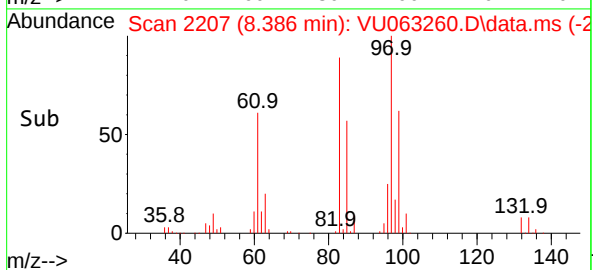
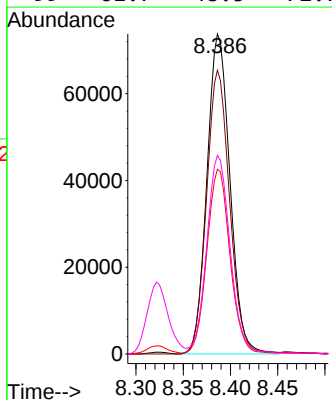
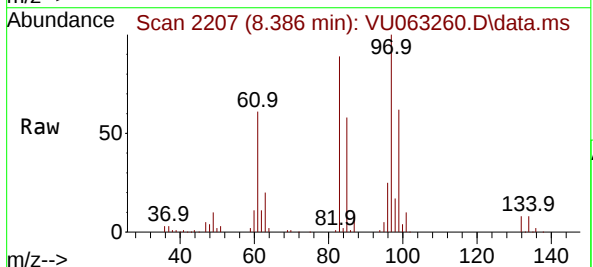
Manual Integrations
APPROVED

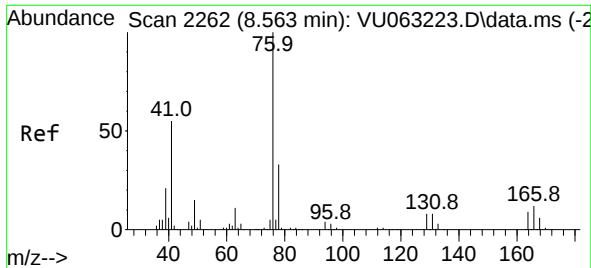
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#52
1,1,2-Trichloroethane
Concen: 10.506 ug/l
RT: 8.386 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

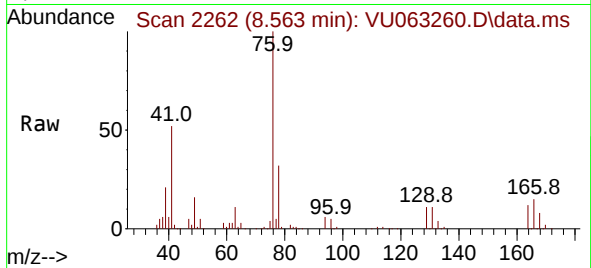
Tgt Ion: 97 Resp: 125116
Ion Ratio Lower Upper
97 100
83 88.7 73.0 109.4
85 57.4 46.3 69.5
99 61.7 48.5 72.7





#53
1,3-Dichloropropane
Concen: 10.388 ug/l
RT: 8.563 min Scan# 21964
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

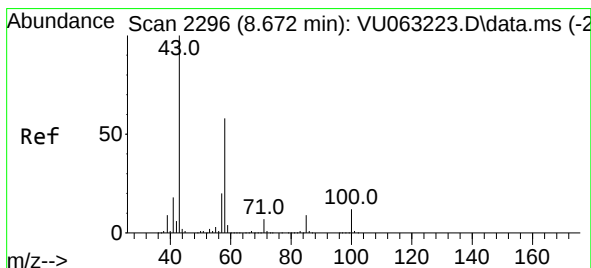
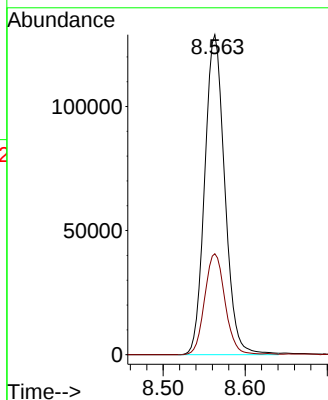
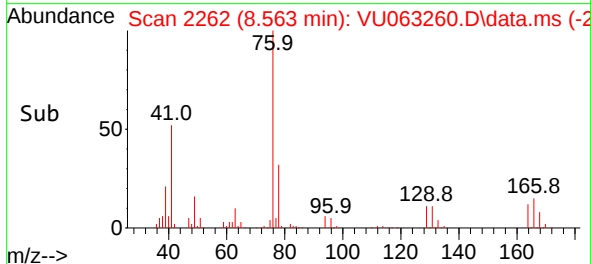
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



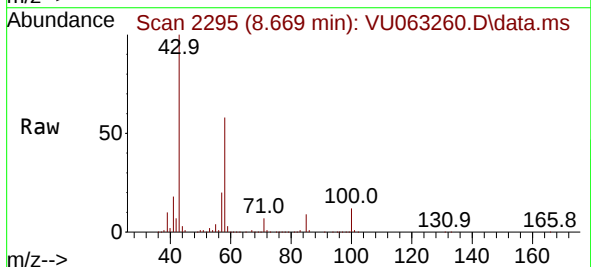
Tgt Ion: 76 Resp: 21964
Ion Ratio Lower Upper
76 100
78 32.0 26.3 39.5

Manual Integrations
APPROVED

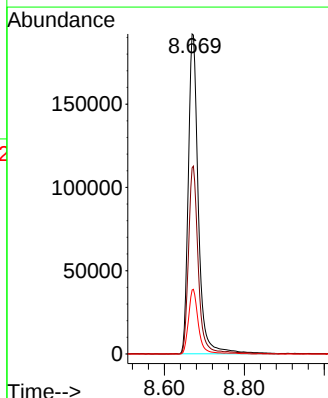
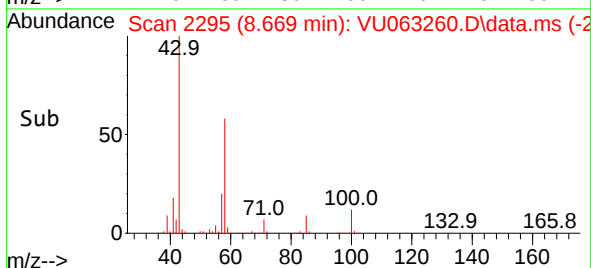
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

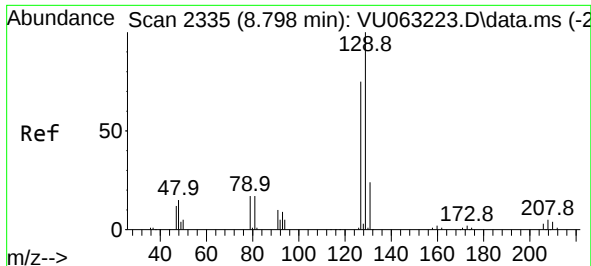


#54
2-Hexanone
Concen: 52.772 ug/l
RT: 8.669 min Scan# 2295
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



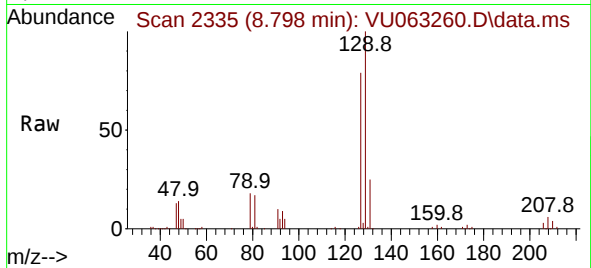
Tgt Ion: 43 Resp: 333496
Ion Ratio Lower Upper
43 100
58 56.3 38.0 78.0
57 19.6 0.0 39.1





#55
Dibromochloromethane
Concen: 10.667 ug/l
RT: 8.798 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

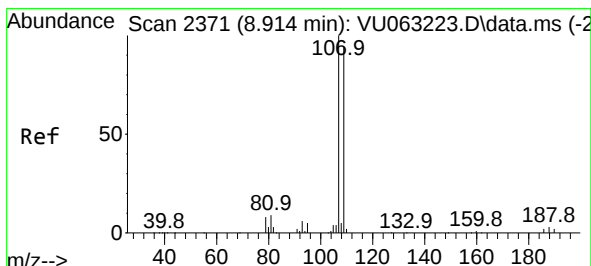
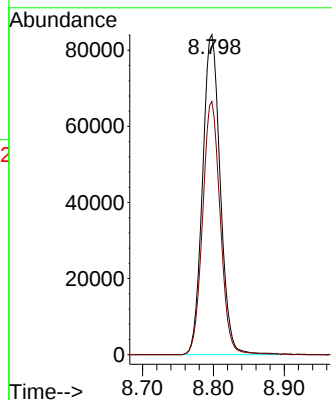
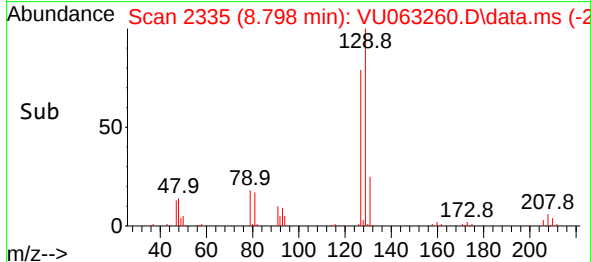
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:129 Resp: 146154
Ion Ratio Lower Upper
129 100
127 78.5 60.4 90.6

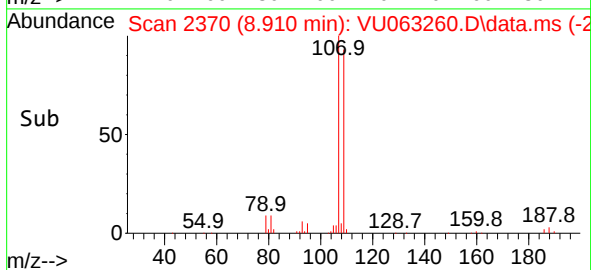
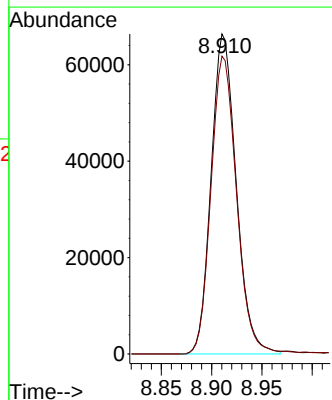
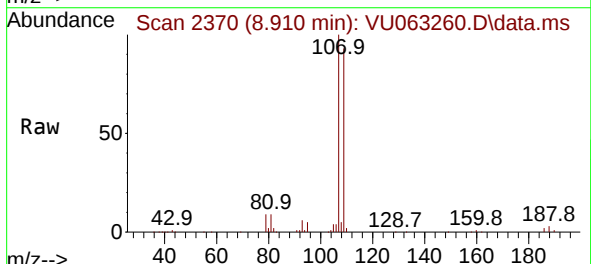
Manual Integrations
APPROVED

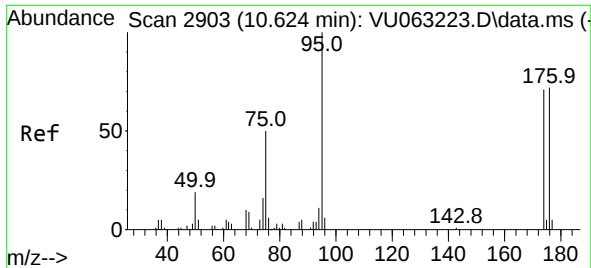
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#56
1,2-Dibromoethane
Concen: 10.320 ug/l
RT: 8.910 min Scan# 2370
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

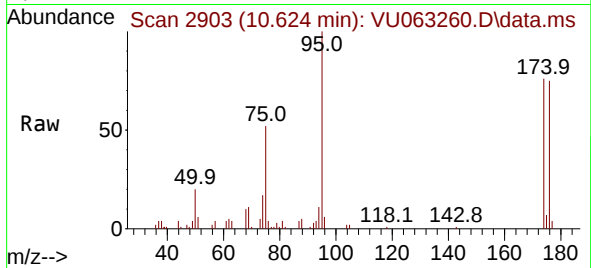
Tgt Ion:107 Resp: 115275
Ion Ratio Lower Upper
107 100
109 94.9 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 1.077 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

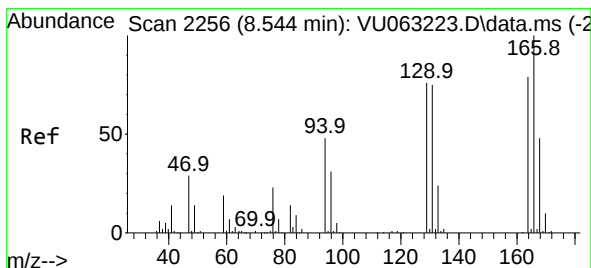
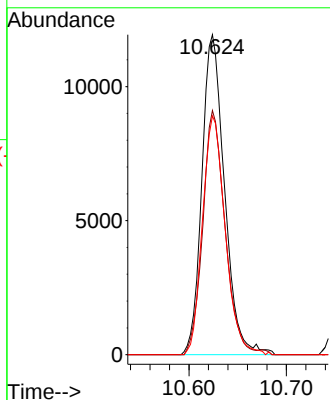
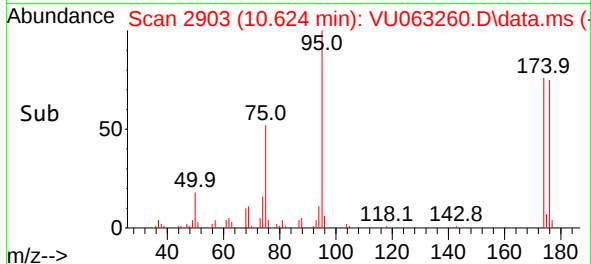
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



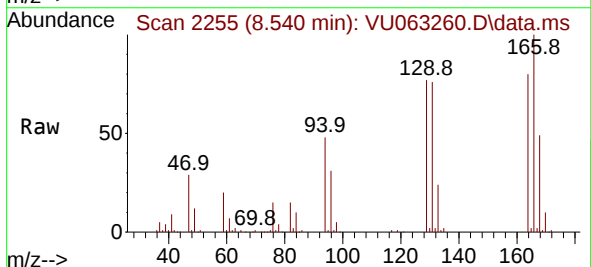
Tgt Ion: 95 Resp: 1926
Ion Ratio Lower Upper
95 100
174 74.7 58.6 88.0
176 75.0 58.2 87.4

Manual Integrations
APPROVED

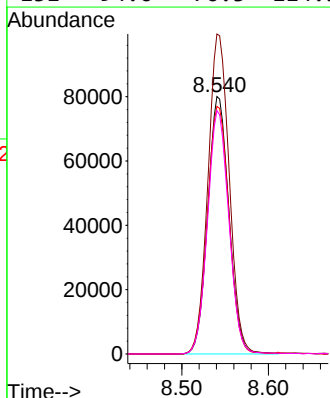
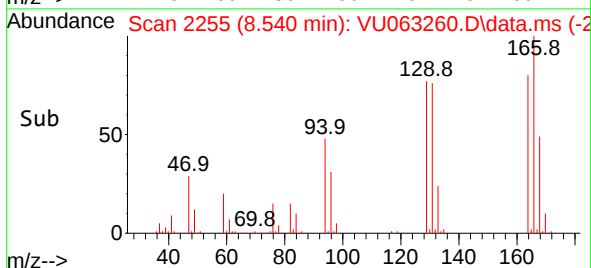
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

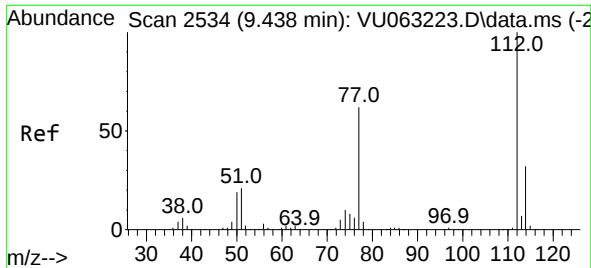


#58
Tetrachloroethene
Concen: 10.442 ug/l
RT: 8.540 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



Tgt Ion:164 Resp: 136390
Ion Ratio Lower Upper
164 100
166 124.3 101.4 152.0
129 96.1 77.0 115.4
131 94.6 76.3 114.5





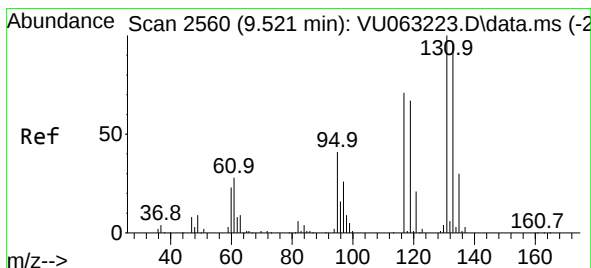
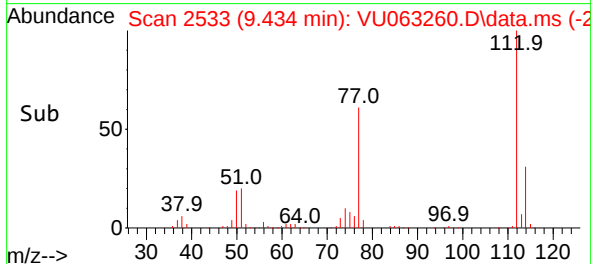
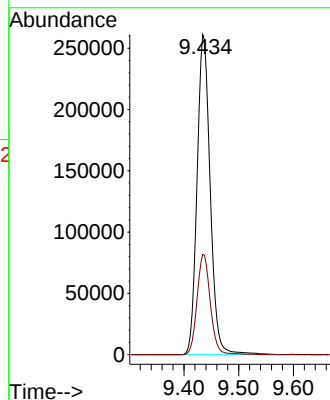
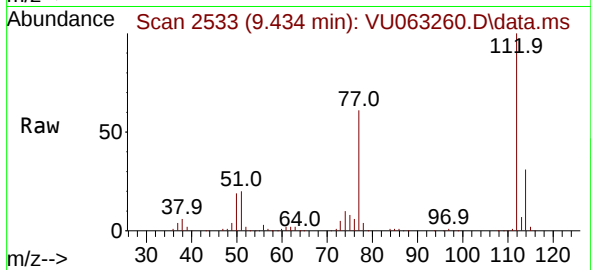
#59
Chlorobenzene
Concen: 10.762 ug/l
RT: 9.434 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 43527
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

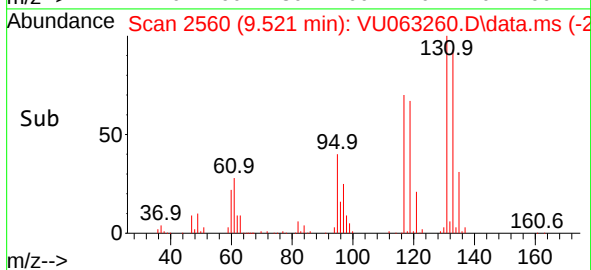
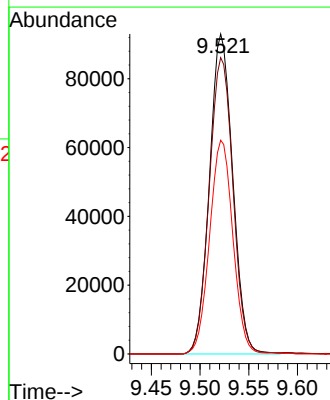
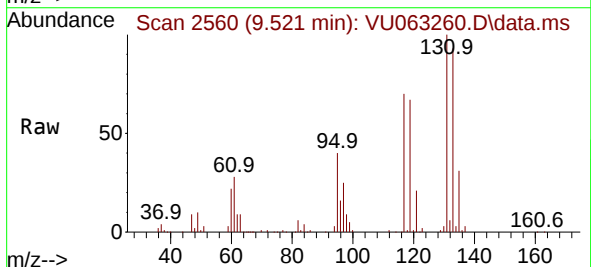
Manual Integrations
APPROVED

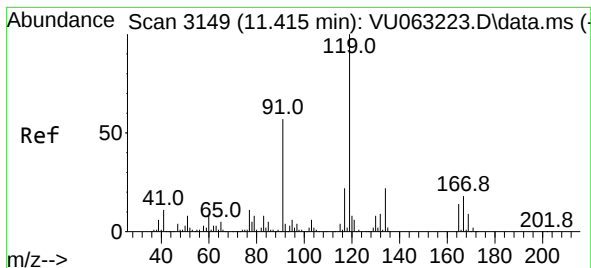
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 10.659 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

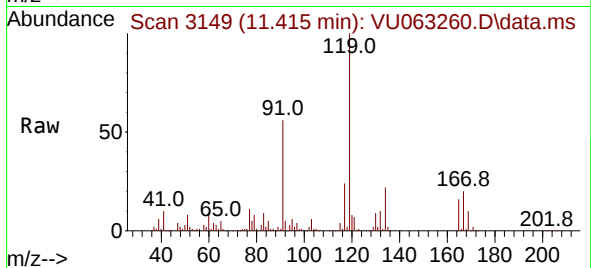
Tgt Ion:131 Resp: 154958
Ion Ratio Lower Upper
131 100
133 94.4 76.7 115.1
119 66.7 54.4 81.6





#61
Pentachloroethane
Concen: 10.508 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

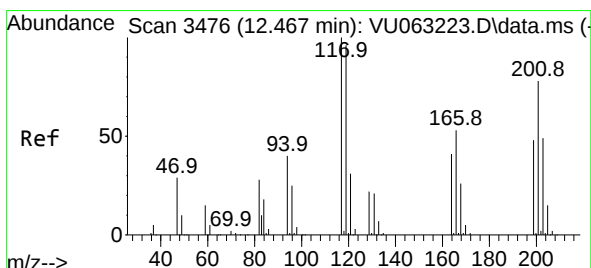
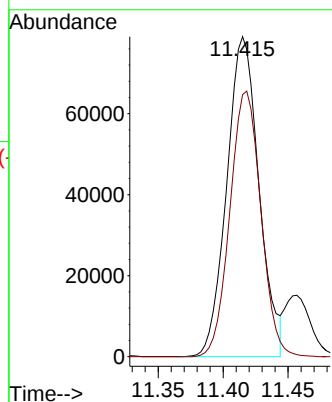
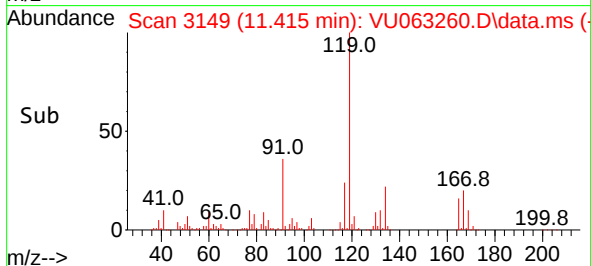
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



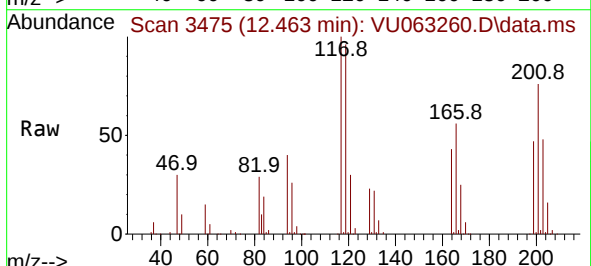
Tgt Ion:117 Resp: 136460
Ion Ratio Lower Upper
117 100
167 79.7 65.0 97.6

Manual Integrations
APPROVED

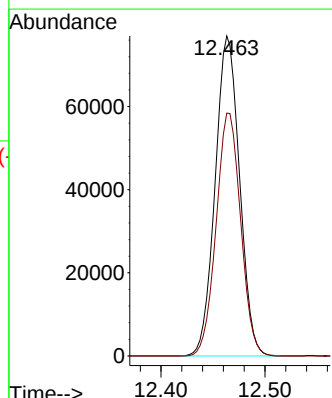
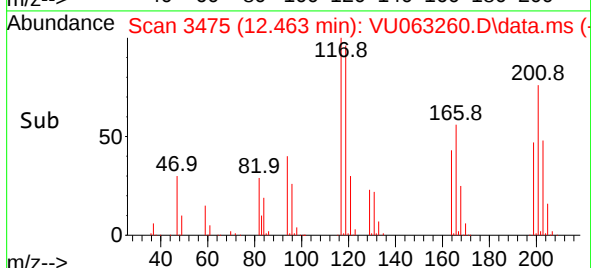
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

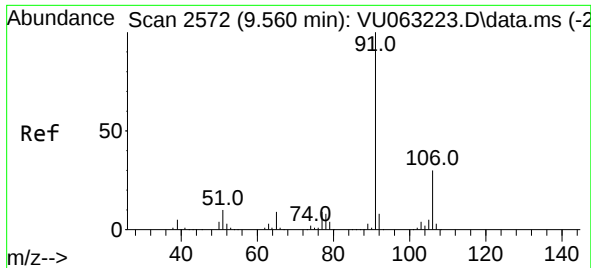


#62
Hexachloroethane
Concen: 10.934 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



Tgt Ion:117 Resp: 125621
Ion Ratio Lower Upper
117 100
201 76.2 61.3 91.9





#63
Ethyl Benzene
Concen: 11.253 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Instrument :

MSVOA_U

ClientSampleId :

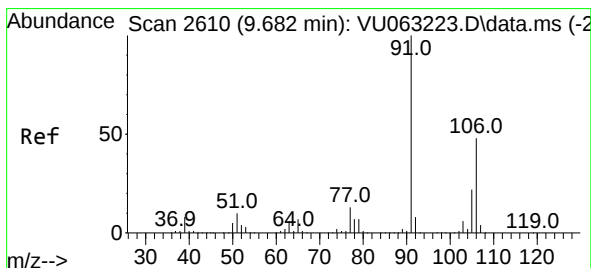
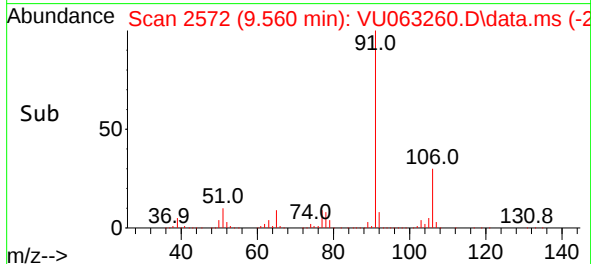
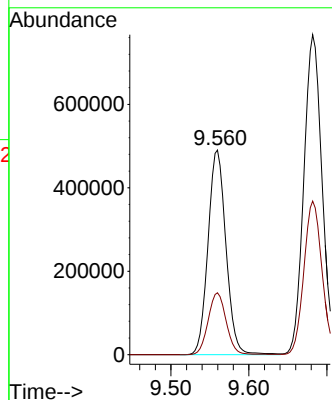
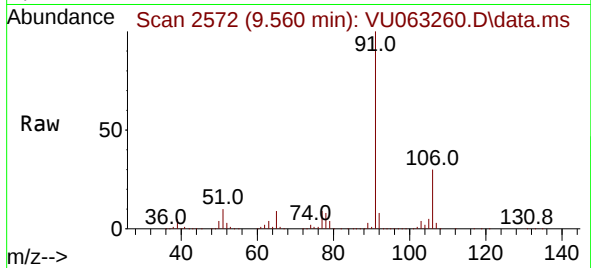
VSTDCCC010EC

Tgt Ion: 91 Resp: 784915
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2

Manual Integrations

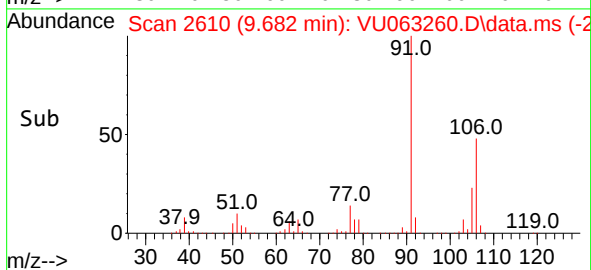
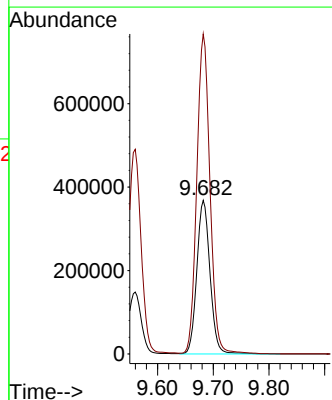
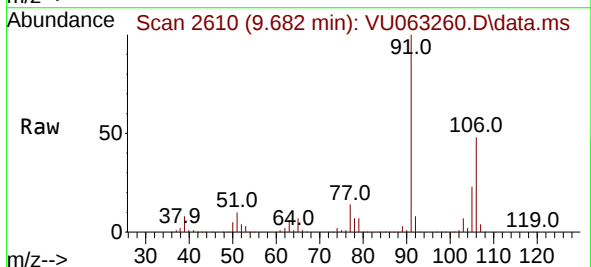
APPROVED

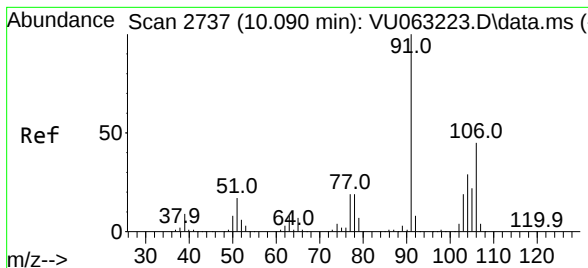
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#64
m/p-Xylenes
Concen: 23.171 ug/l
RT: 9.682 min Scan# 2610
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Tgt Ion:106 Resp: 603720
Ion Ratio Lower Upper
106 100
91 208.6 166.9 250.3





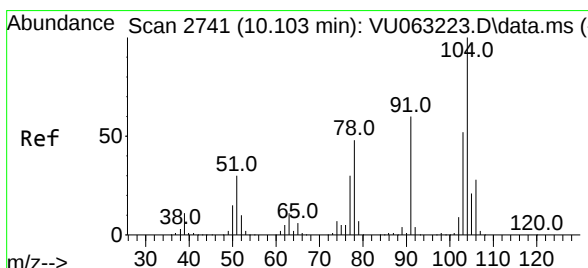
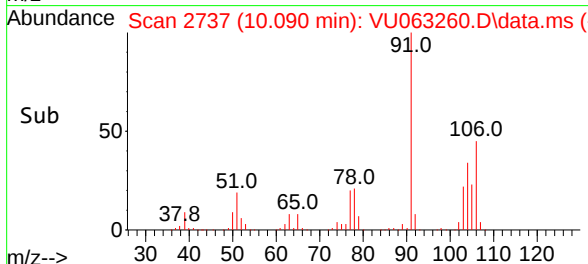
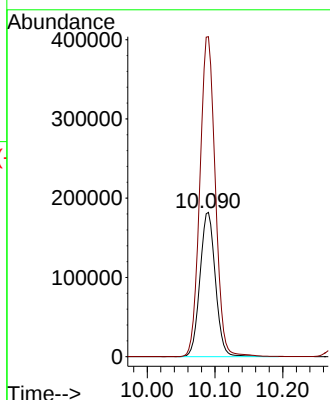
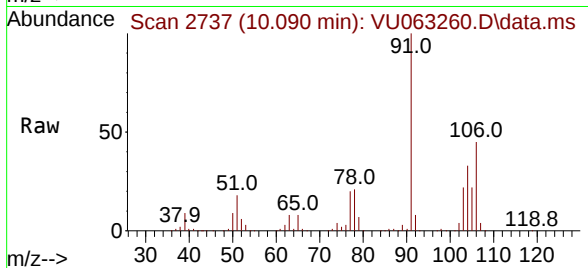
#65
o-Xylene
Concen: 11.272 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 287528
Ion Ratio Lower Upper
106 100
91 222.8 110.9 332.9

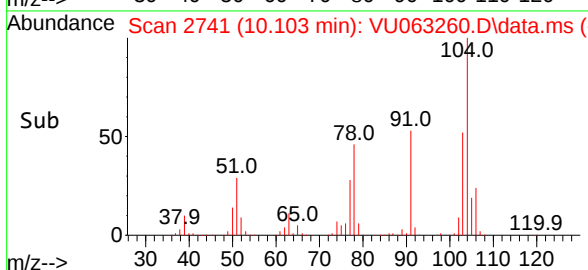
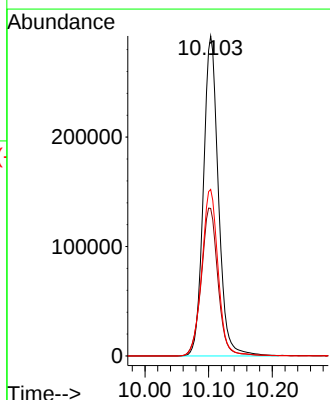
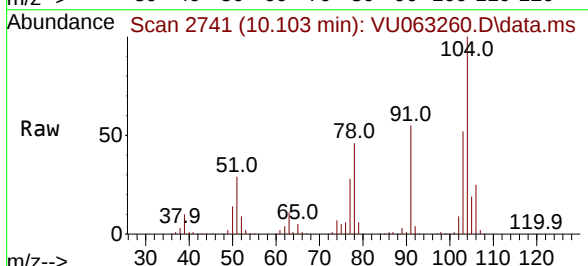
Manual Integrations
APPROVED

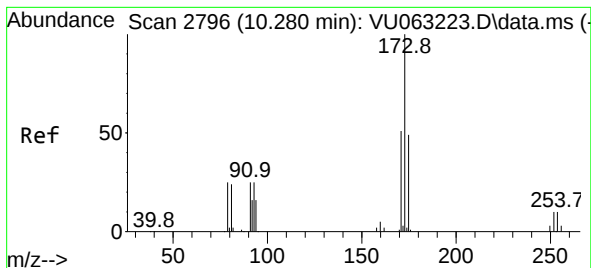
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#66
Styrene
Concen: 11.837 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Tgt Ion:104 Resp: 480488
Ion Ratio Lower Upper
104 100
78 51.3 41.2 61.8
103 56.6 44.8 67.2





#67

Bromoform

Concen: 10.773 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

Instrument :

MSVOA_U

ClientSampleId :

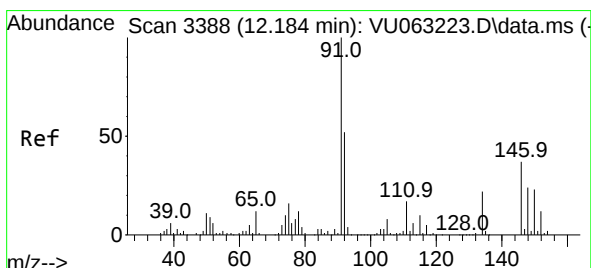
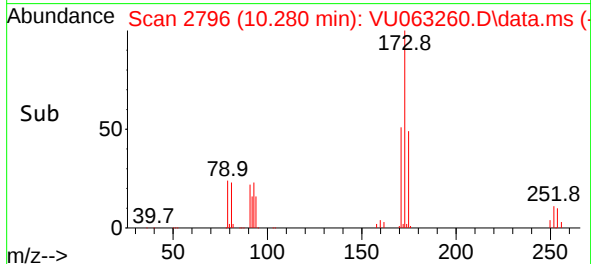
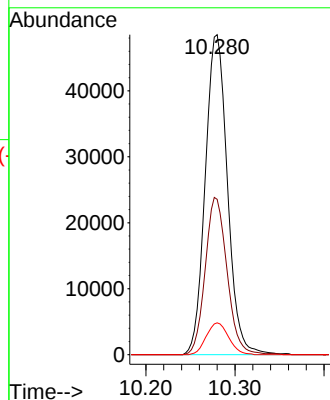
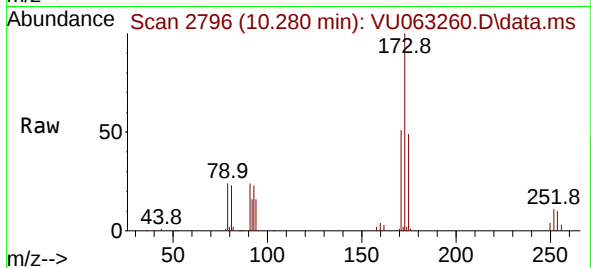
VSTDCCC010EC

Tgt Ion:173	Resp:	8377
Ion Ratio	Lower	Upper
173	100	
175	48.2	39.0 58.4
254	10.0	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: 1.064 ug/l

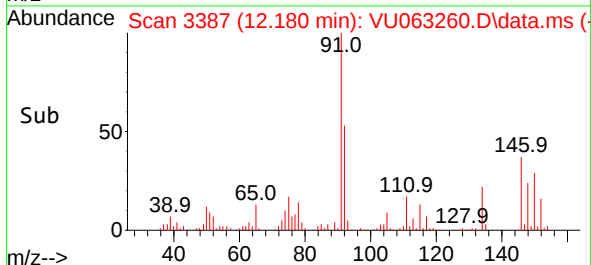
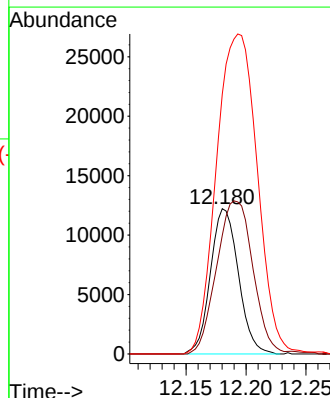
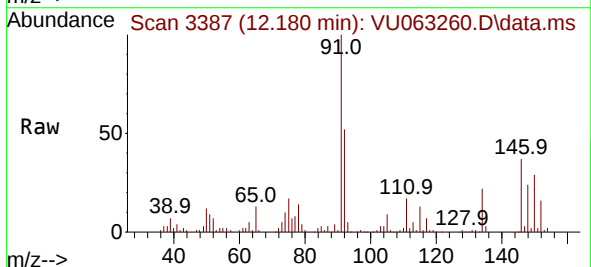
RT: 12.180 min Scan# 3387

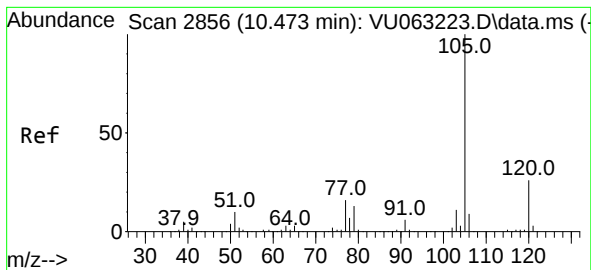
Delta R.T. -0.003 min

Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

Tgt Ion:152	Resp:	19793
Ion Ratio	Lower	Upper
152	100	
115	137.8	0.0 275.2
150	321.8	0.0 658.4





#69

Isopropylbenzene

Concen: 11.377 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 682225

Ion Ratio Lower Upper

105 100

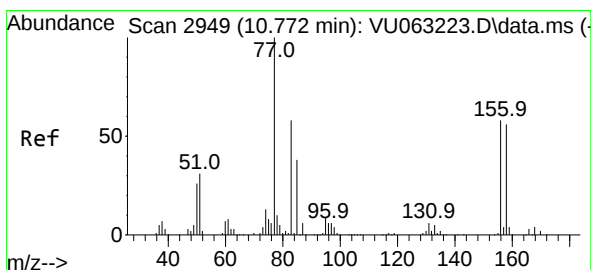
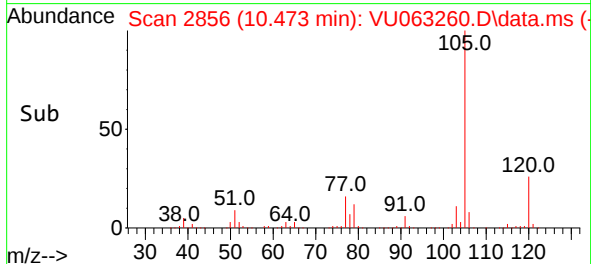
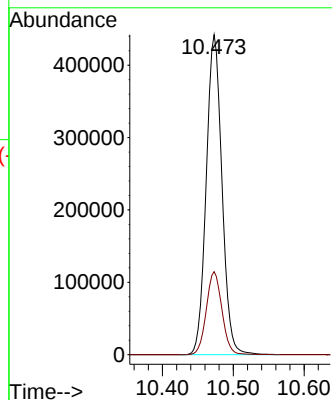
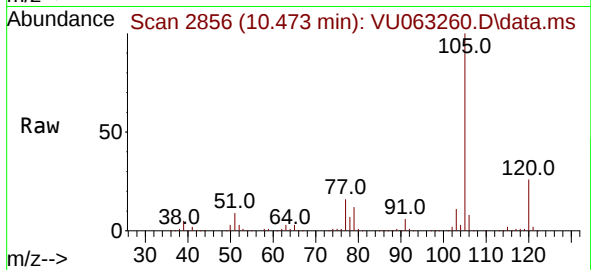
120 25.8 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 9.996 ug/l

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU063260.D

Acq: 12 Feb 2025 18:23

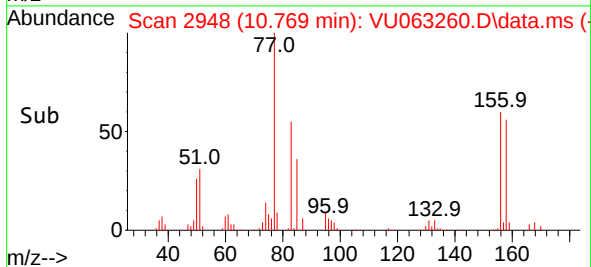
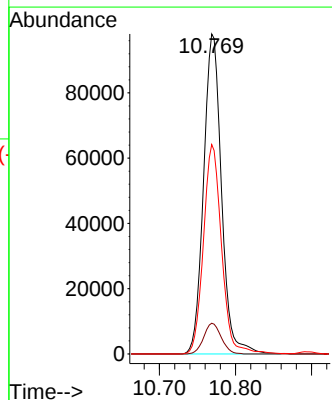
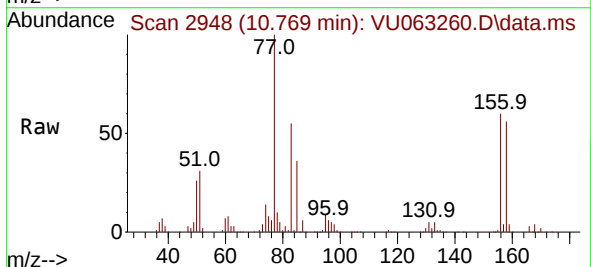
Tgt Ion: 83 Resp: 160456

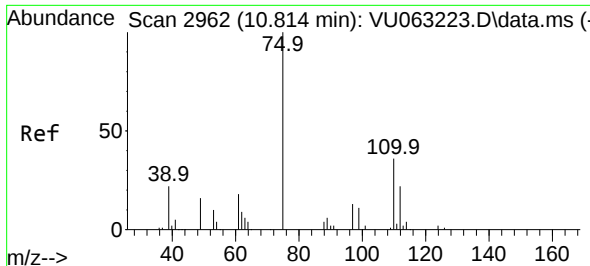
Ion Ratio Lower Upper

83 100

131 9.4 7.4 11.0

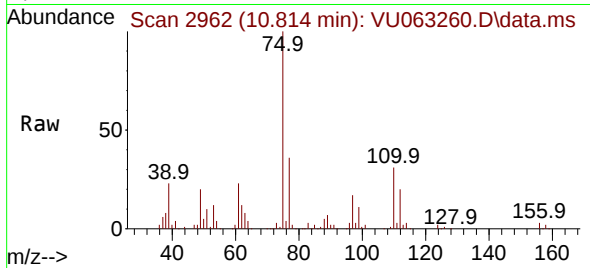
85 66.3 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 9.232 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

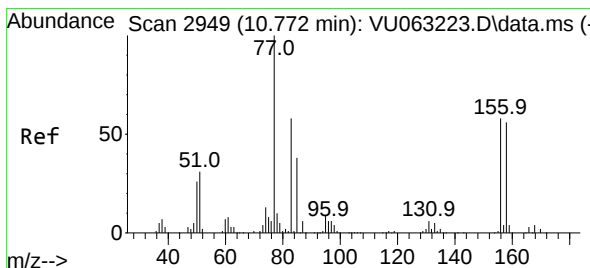
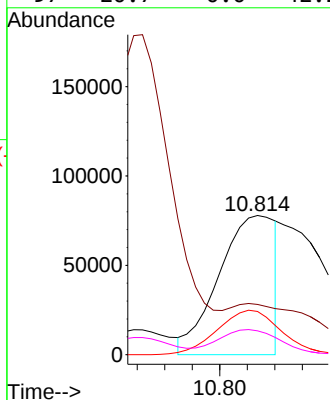
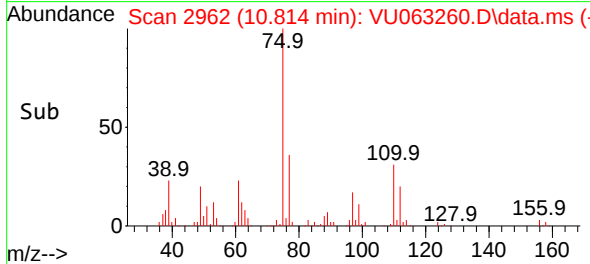
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



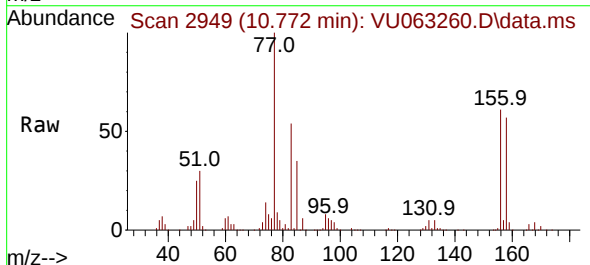
Tgt Ion: 75 Resp: 111336
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 36.4 0.0 77.0
97 20.7 0.0 42.2

Manual Integrations
APPROVED

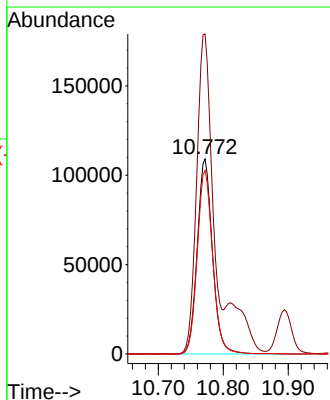
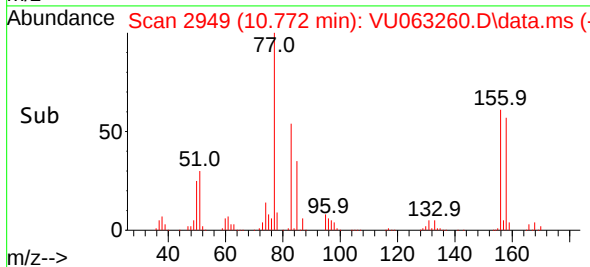
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

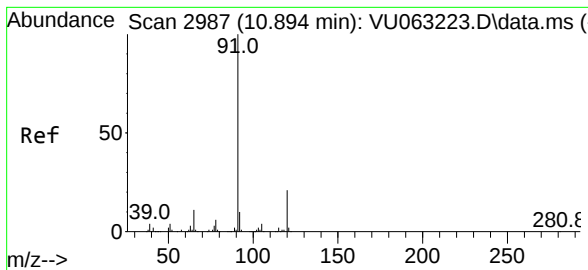


#72
Bromobenzene
Concen: 11.048 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



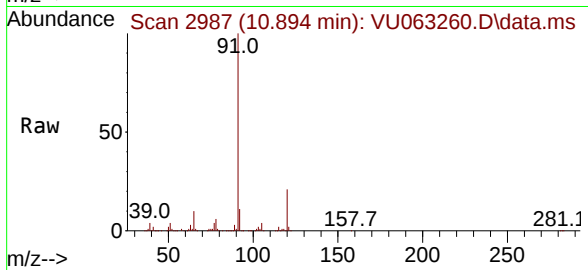
Tgt Ion:156 Resp: 178496
Ion Ratio Lower Upper
156 100
77 167.7 0.0 343.6
158 95.5 0.0 193.0





#73
n-propylbenzene
Concen: 11.930 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

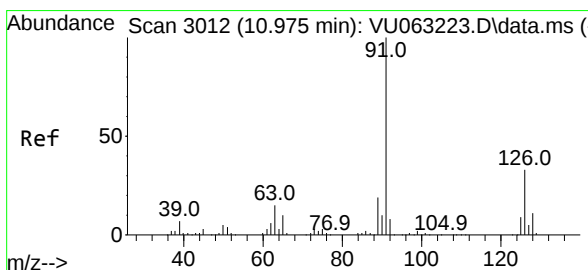
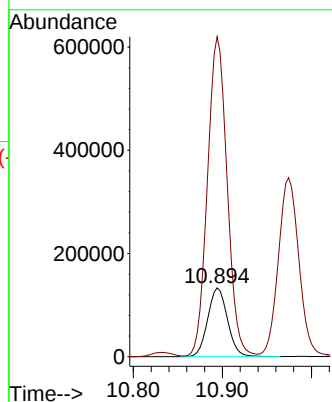
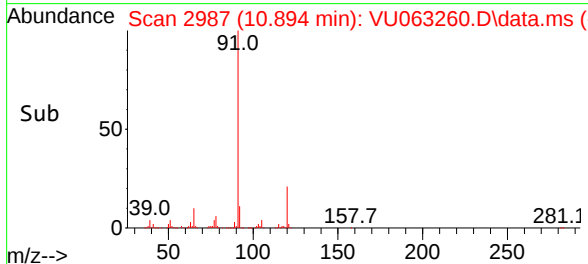
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



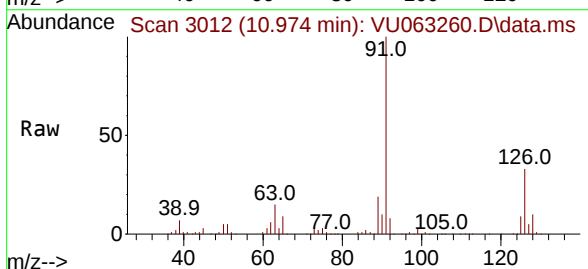
Tgt Ion:120 Resp: 204830
Ion Ratio Lower Upper
120 100
91 462.4 369.8 554.6

Manual Integrations
APPROVED

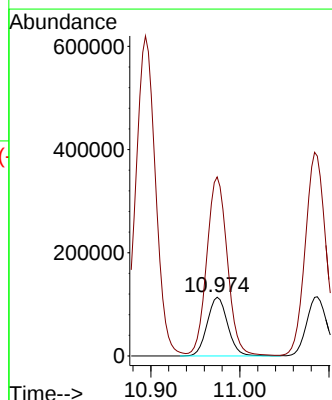
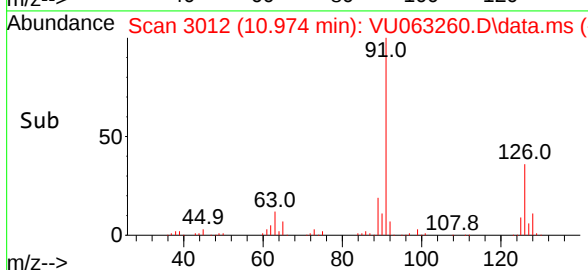
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

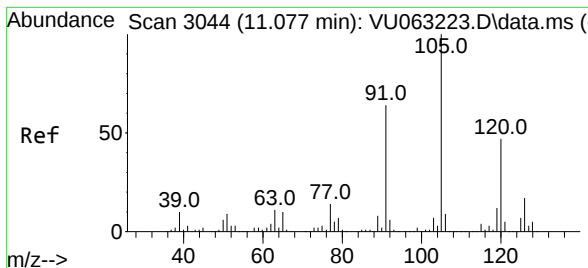


#74
2-Chlorotoluene
Concen: 11.491 ug/l
RT: 10.974 min Scan# 3012
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



Tgt Ion:126 Resp: 181816
Ion Ratio Lower Upper
126 100
91 304.3 0.0 623.8





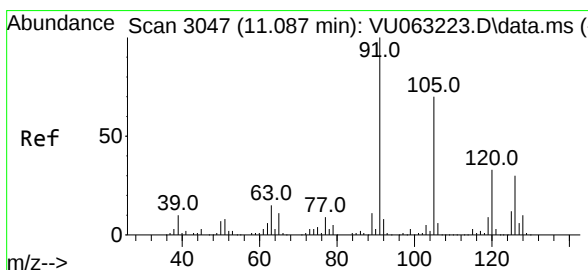
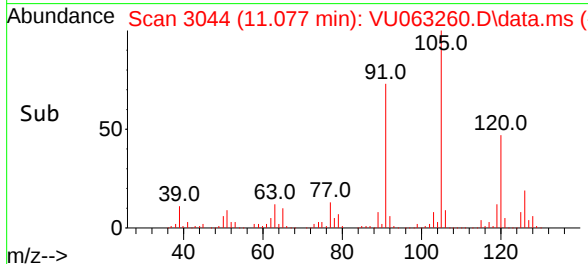
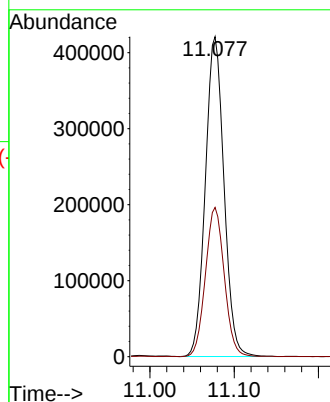
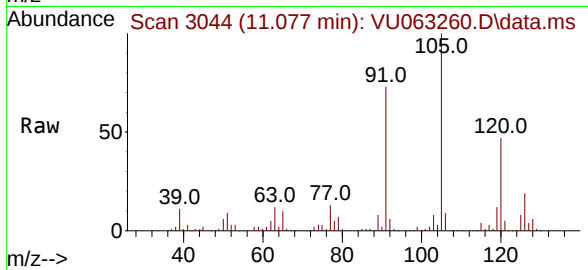
#75
1,3,5-Trimethylbenzene
Concen: 11.667 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 648270
Ion Ratio Lower Upper
105 100
120 47.2 37.3 55.9

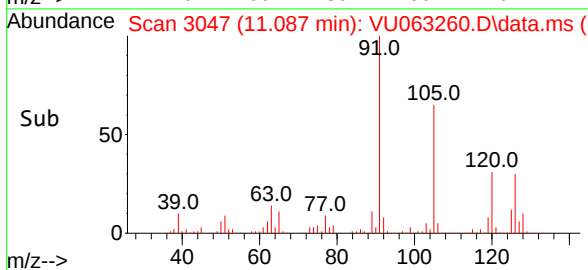
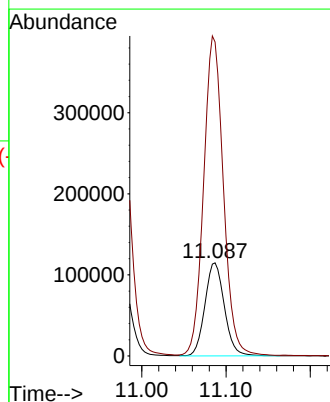
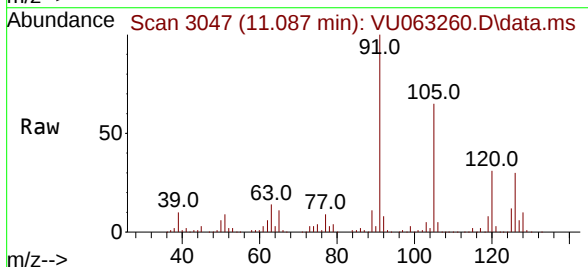
Manual Integrations
APPROVED

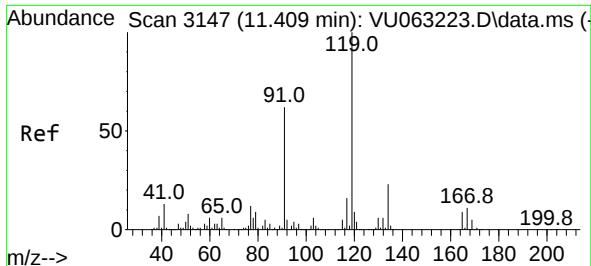
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#76
4-Chlorotoluene
Concen: 11.344 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

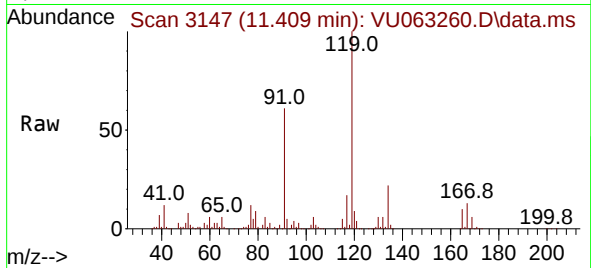
Tgt Ion:126 Resp: 184066
Ion Ratio Lower Upper
126 100
91 348.0 0.0 703.6





#77
tert-Butylbenzene
Concen: 11.242 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

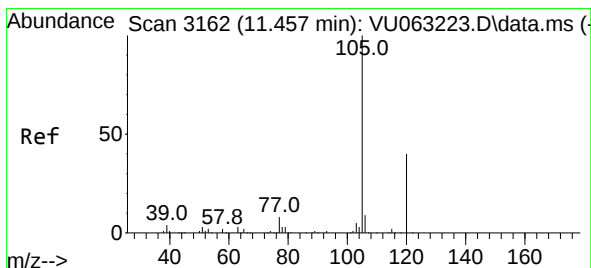
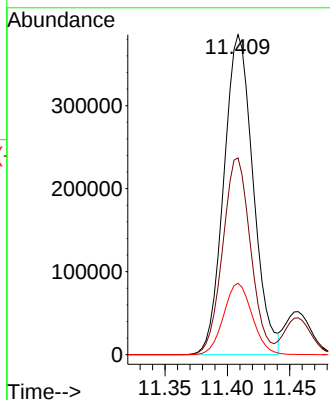
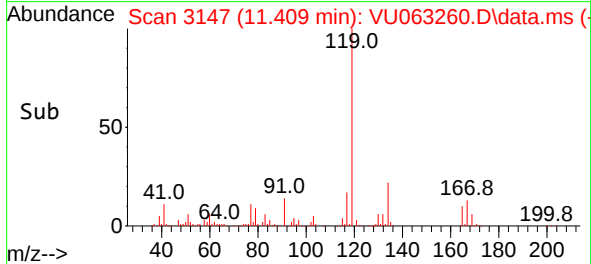
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 631724
Ion Ratio Lower Upper
119 100
91 58.7 29.4 88.3
134 21.8 17.6 26.4

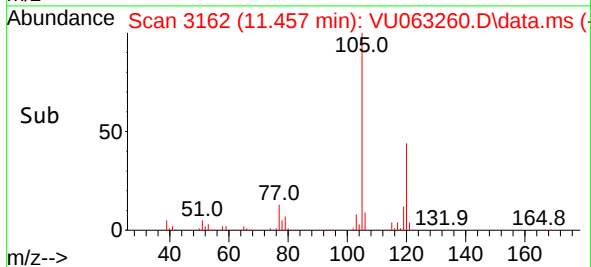
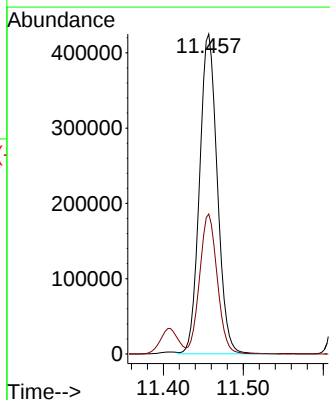
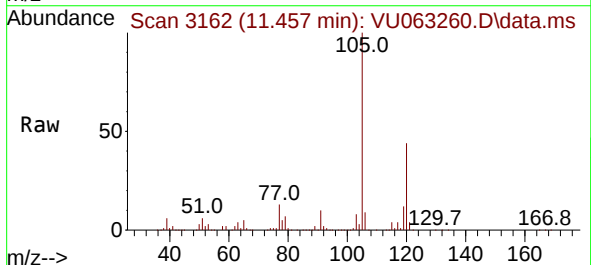
Manual Integrations
APPROVED

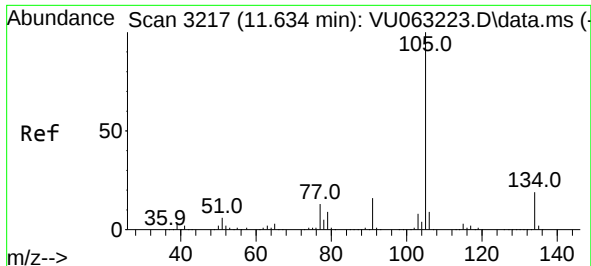
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#78
1,2,4-Trimethylbenzene
Concen: 11.902 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Tgt Ion:105 Resp: 656188
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.7





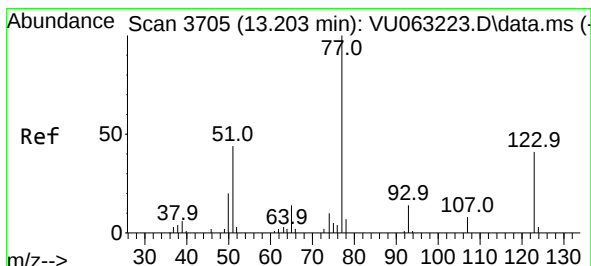
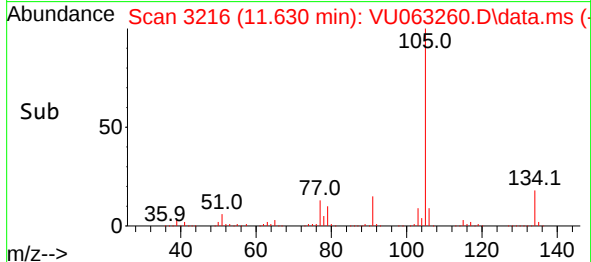
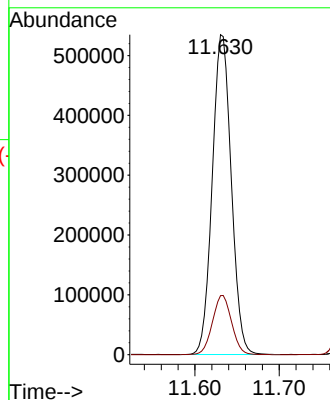
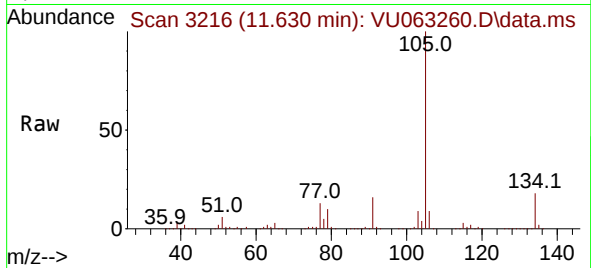
#79
 sec-Butylbenzene
 Concen: 11.699 ug/l
 RT: 11.630 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU063260.D
 Acq: 12 Feb 2025 18:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:105 Resp: 83703
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.1 22.7

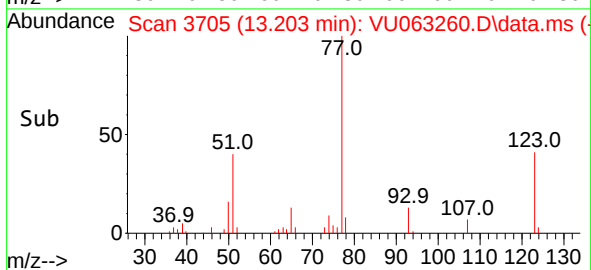
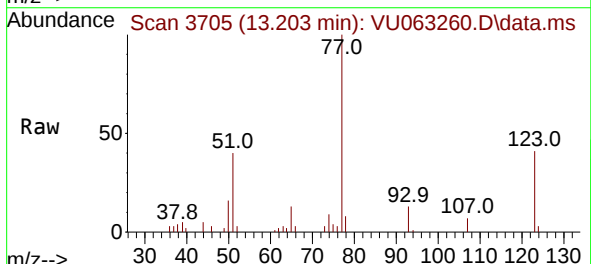
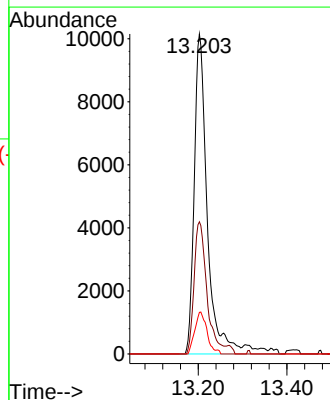
Manual Integrations
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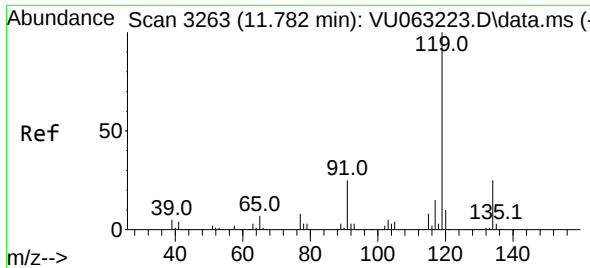
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#80
 Nitrobenzene
 Concen: 44.846 ug/l m
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063260.D
 Acq: 12 Feb 2025 18:23

Tgt Ion: 77 Resp: 21120
 Ion Ratio Lower Upper
 77 100
 123 36.6 18.9 67.1
 65 12.0 11.9 15.1





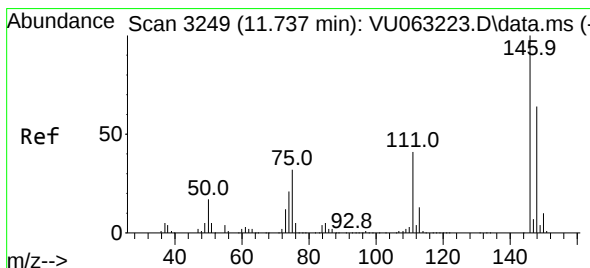
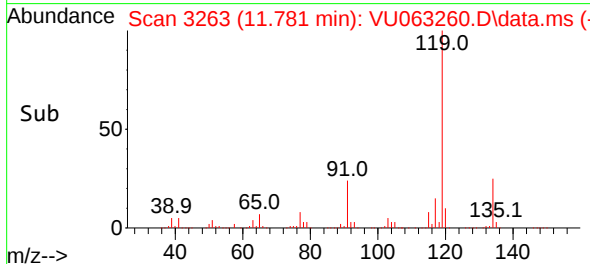
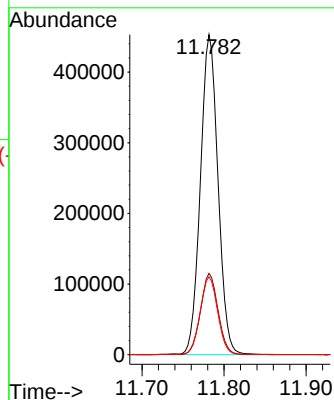
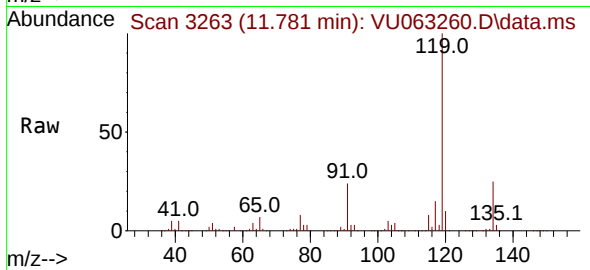
#81
p-Isopropyltoluene
Concen: 11.914 ug/l
RT: 11.781 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 672698
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 24.2 19.4 29.2

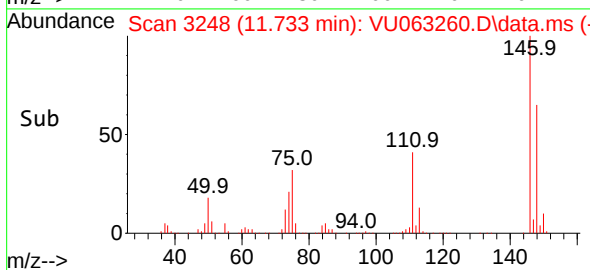
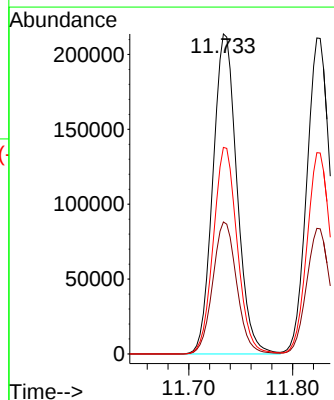
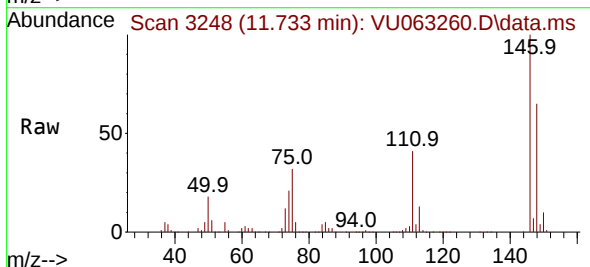
Manual Integrations
APPROVED

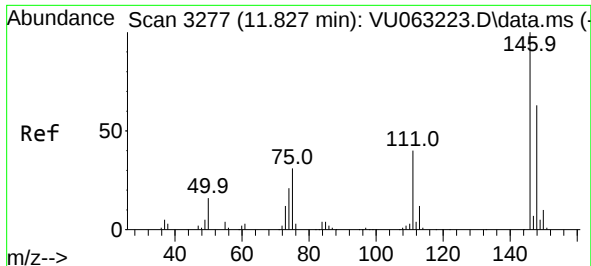
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#82
1,3-Dichlorobenzene
Concen: 10.982 ug/l
RT: 11.733 min Scan# 3248
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

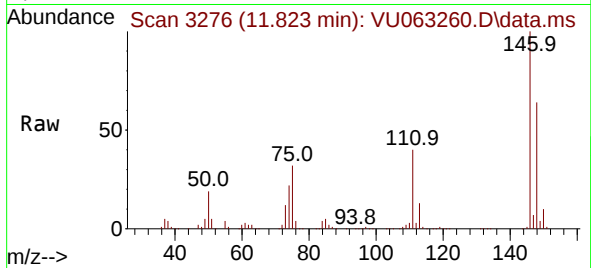
Tgt Ion:146 Resp: 344169
Ion Ratio Lower Upper
146 100
111 41.0 32.8 49.2
148 64.1 51.1 76.7





#83
1,4-Dichlorobenzene
Concen: 11.130 ug/l
RT: 11.823 min Scan# 3114
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

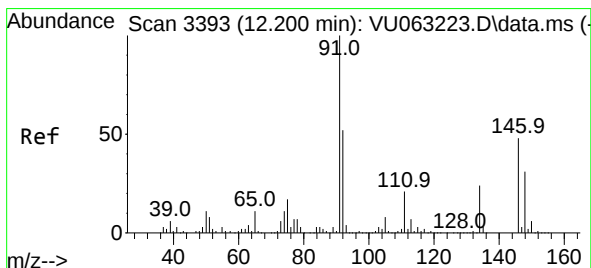
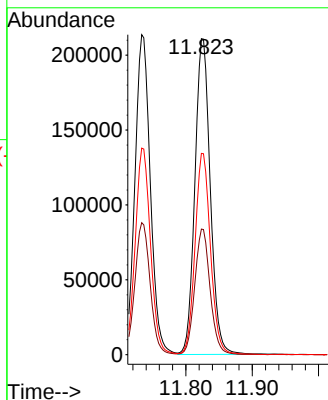
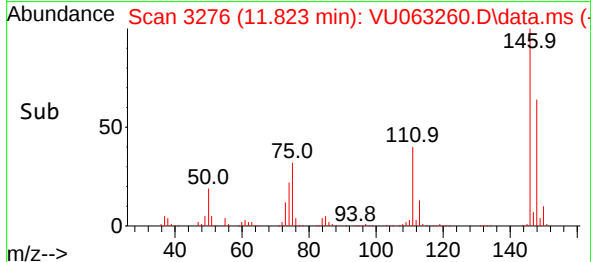
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



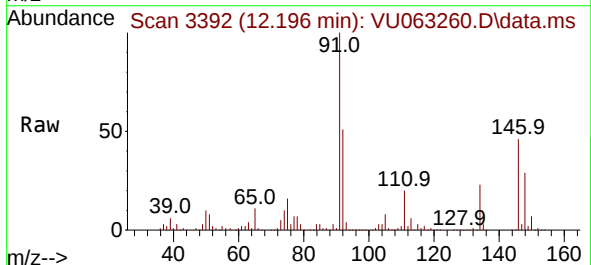
Tgt Ion:146 Resp: 341148
Ion Ratio Lower Upper
146 100
111 39.6 32.1 48.1
148 63.7 50.2 75.4

Manual Integrations
APPROVED

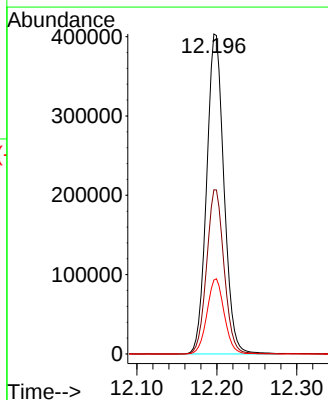
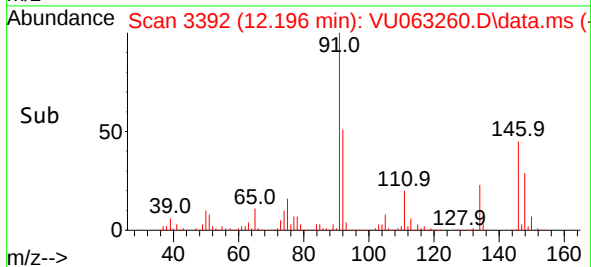
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

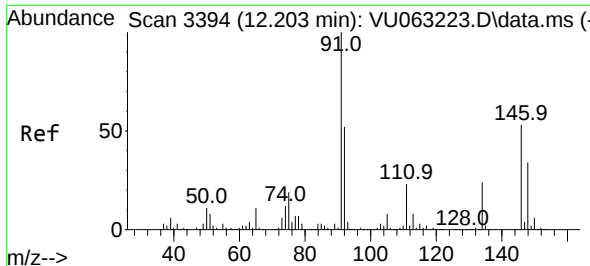


#84
n-Butylbenzene
Concen: 12.008 ug/l
RT: 12.196 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



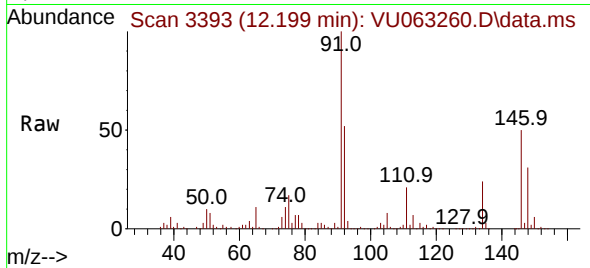
Tgt Ion: 91 Resp: 607994
Ion Ratio Lower Upper
91 100
92 51.7 41.8 62.8
134 23.4 18.6 28.0





#85
1,2-Dichlorobenzene
Concen: 10.816 ug/l
RT: 12.199 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

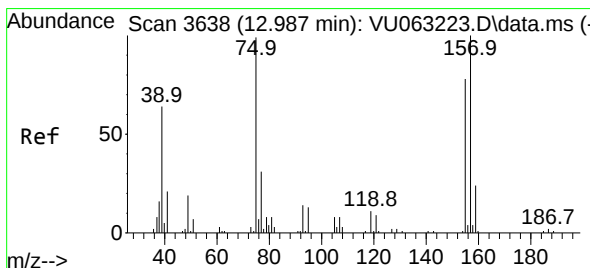
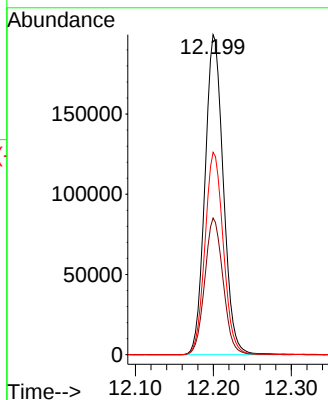
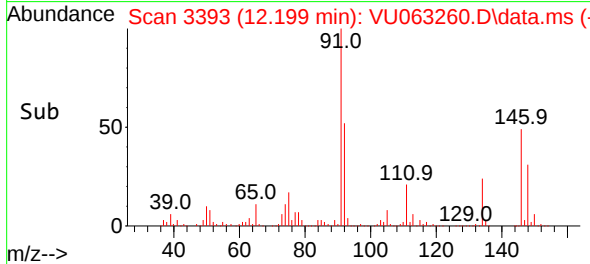
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



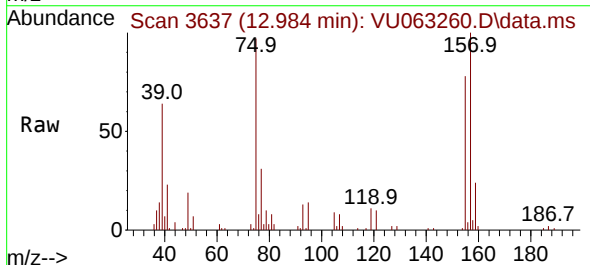
Tgt Ion:146 Resp: 325750
Ion Ratio Lower Upper
146 100
111 42.8 21.9 65.7
148 63.5 32.3 96.9

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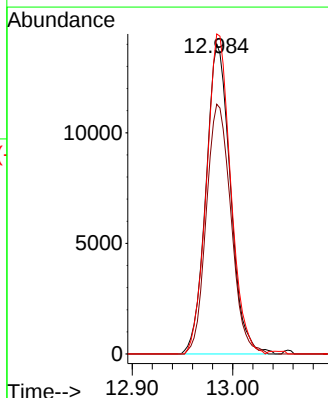
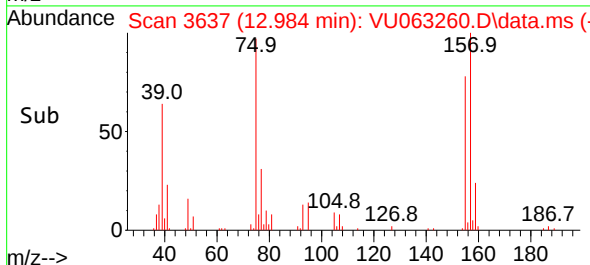
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

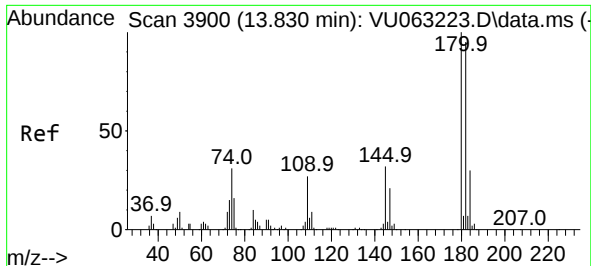


#86
1,2-Dibromo-3-Chloropropane
Concen: 10.516 ug/l
RT: 12.984 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



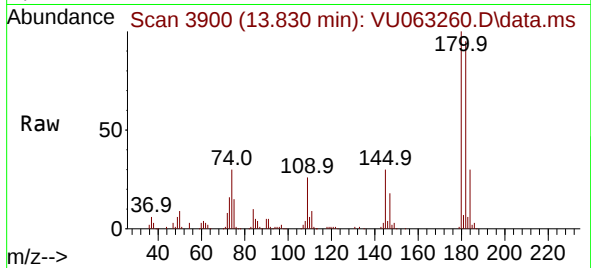
Tgt Ion: 75 Resp: 23693
Ion Ratio Lower Upper
75 100
155 81.4 63.5 95.3
157 102.2 81.8 122.6





#87
1,2,4-Trichlorobenzene
Concen: 11.807 ug/l
RT: 13.830 min Scan# 3900
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

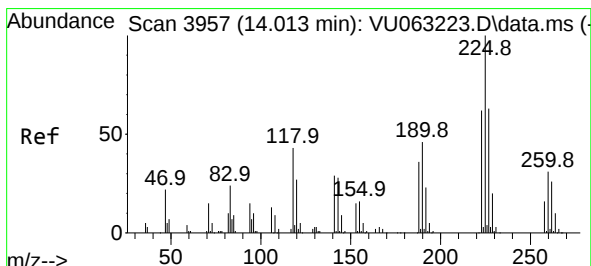
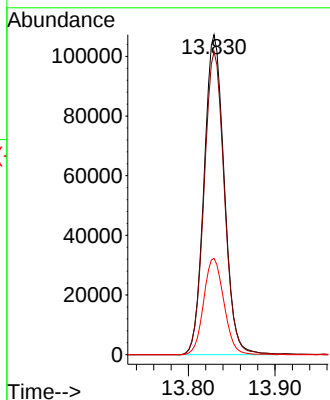
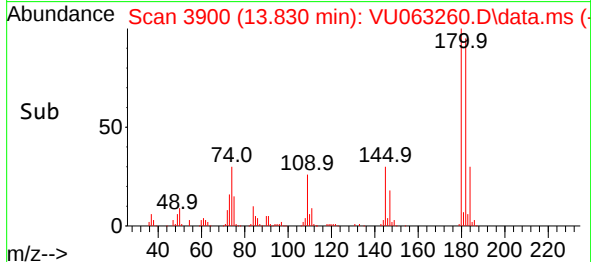
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



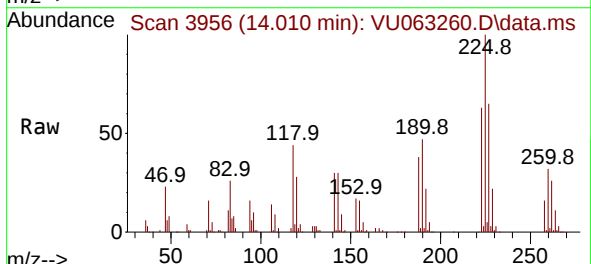
Tgt Ion:180 Resp: 173428
Ion Ratio Lower Upper
180 100
182 95.2 76.6 115.0
145 30.3 25.4 38.2

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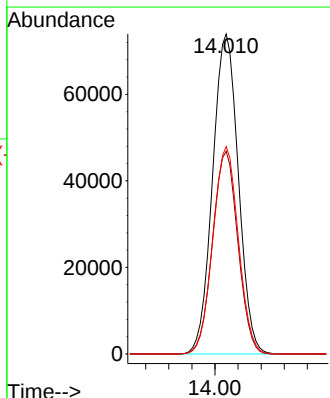
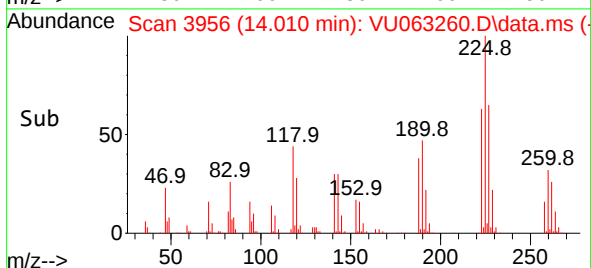
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

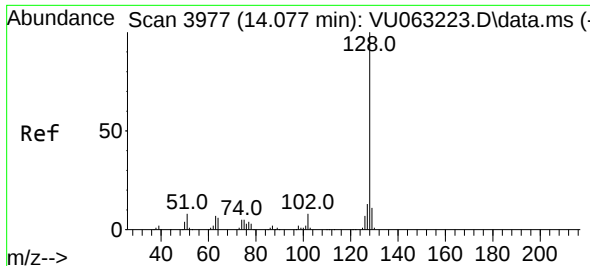


#88
Hexachlorobutadiene
Concen: 10.899 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



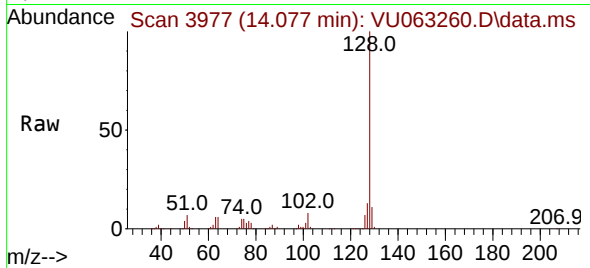
Tgt Ion:225 Resp: 114407
Ion Ratio Lower Upper
225 100
223 62.4 49.5 74.3
227 64.1 51.0 76.4





#89
Naphthalene
Concen: 9.047 ug/l
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23

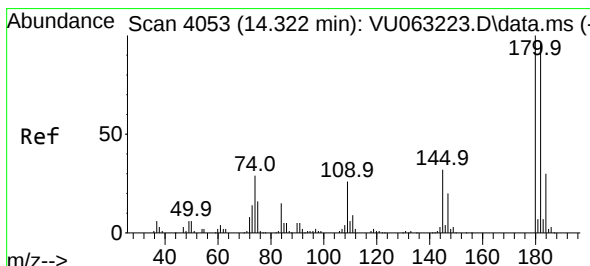
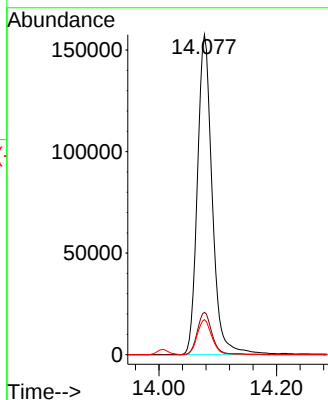
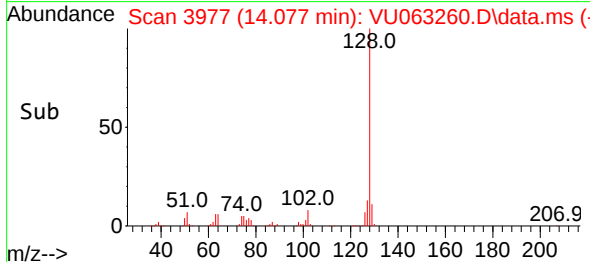
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



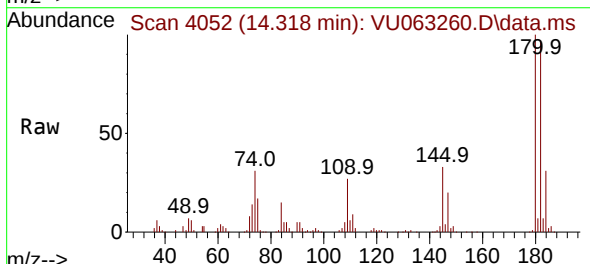
Tgt Ion:128 Resp: 275462
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 12.153 ug/l
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063260.D
Acq: 12 Feb 2025 18:23



Tgt Ion:180 Resp: 174658
Ion Ratio Lower Upper
180 100
182 96.8 78.2 117.2
145 33.6 26.1 39.1

