

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020124\
 Data File : VU057782.D
 Acq On : 01 Feb 2024 16:56
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/08/2024
 Supervised By : Mahesh Dadoda 02/08/2024

Quant Time: Feb 02 00:34:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	43653	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	16080	0.973	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	15306	1.028	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	143703	9.886	ug/l	99
3) Chloromethane	1.518	50	130241	9.338	ug/l	99
4) Vinyl Chloride	1.602	62	143697	10.104	ug/l	100
5) Bromomethane	1.856	94	85546	10.136	ug/l	100
6) Chloroethane	1.930	64	92696	10.317	ug/l	98
7) Trichlorofluoromethane	2.133	101	213659	9.811	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	109201	9.753	ug/l	95
9) 1,1-Dichloroethene	2.573	96	106380	9.806	ug/l	98
10) Iodomethane	2.718	142	137023	10.649	ug/l	96
11) Allyl Chloride	2.917	41	149346	10.149	ug/l	85
12) Acrylonitrile	3.322	53	40256	21.743	ug/l	96
13) Acetone	2.644	43	178612	53.303	ug/l	91
14) Carbon Disulfide	2.789	76	344749	9.928	ug/l	99
15) Methylene Chloride	3.039	84	121725	9.394	ug/l	96
16) trans-1,2-Dichloroethene	3.348	96	119405	10.080	ug/l	95
17) 1,1-Dichloroethane	3.859	63	227568	10.177	ug/l	99
18) 2-Butanone	4.708	43	200539	55.526	ug/l	98
19) Cyclohexane	5.380	56	174727	9.971	ug/l	89
20) Methylcyclohexane	6.756	83	216333	10.215	ug/l	96
21) 2,2-Dichloropropane	4.653	77	204479	10.298	ug/l	97
22) cis-1,2-Dichloroethene	4.660	96	127836	9.854	ug/l	93
23) Diethyl Ether	2.370	59	78135	9.978	ug/l	99
24) tert-Butyl Alcohol	3.261	59	91935m	103.291	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	258618	10.159	ug/l	94
26) Bromochloromethane	4.968	128	51845	9.948	ug/l	100
27) Chloroform	5.078	83	235031	10.110	ug/l	100
28) 1,1,1-Trichloroethane	5.309	97	210478	10.027	ug/l	99
29) 1,1-Dichloropropene	5.518	75	175029	10.306	ug/l	97
30) Carbon Tetrachloride	5.518	117	181675	10.045	ug/l	99
31) Isopropyl Ether	3.981	45	338058	10.331	ug/l	95
32) Ethyl-t-butyl ether	4.493	59	316125	10.405	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	272492	10.653	ug/l	97
34) Propionitrile	4.795	54	37870	50.592	ug/l	# 11
35) Benzene	5.766	78	493108	10.084	ug/l	99
36) 1,2-Dichloroethane	5.785	62	142004	9.966	ug/l	97
37) Trichloroethene	6.538	130	130033	10.014	ug/l	98
38) 1,2-Dichloropropane	6.782	63	127905	10.088	ug/l	99
39) Methacrylonitrile	4.968	41	31041	10.404	ug/l	95
40) Methyl acrylate	4.846	55	54809	9.091	ug/l	99
41) Tetrahydrofuran	5.055	42	34029	21.363	ug/l	98
42) 1-Chlorobutane	5.451	56	228898	10.223	ug/l	95
43) Dibromomethane	6.911	93	60354	10.351	ug/l	96
44) Bromodichloromethane	7.100	83	166873	10.221	ug/l	100

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 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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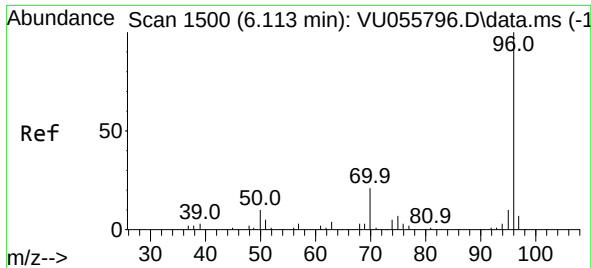
Manual Integrations
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 Supervised By : Mahesh Dadoda 02/08/2024

Quant Time: Feb 02 00:34:12 2024
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	322466	51.892	ug/l	98
46) t-1,4-Dichloro-2-butene	10.833	75	38177m	22.600	ug/l	
47) Methyl methacrylate	6.956	69	109112	21.184	ug/l	94
48) Ethyl methacrylate	8.328	69	105612	10.230	ug/l	96
49) Toluene	7.962	92	302890	10.140	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	148747	10.554	ug/l	100
51) cis-1,3-Dichloropropene	7.602	75	186940	10.471	ug/l	93
52) 1,1,2-Trichloroethane	8.393	97	81614	10.158	ug/l	99
53) 1,3-Dichloropropane	8.570	76	144756	10.024	ug/l	100
54) 2-Hexanone	8.679	43	312108	54.560	ug/l	97
55) Dibromochloromethane	8.804	129	100307	10.087	ug/l	98
56) 1,2-Dibromoethane	8.917	107	76131	10.296	ug/l	97
58) Tetrachloroethene	8.547	164	112561	9.824	ug/l	96
59) Chlorobenzene	9.441	112	333536	10.099	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	113665	10.138	ug/l	98
61) Pentachloroethane	11.422	117	86451	10.607	ug/l	89
62) Hexachloroethane	12.470	117	92525	8.666	ug/l	96
63) Ethyl Benzene	9.563	91	604142	10.286	ug/l	100
64) m/p-Xylenes	9.689	106	443479	20.790	ug/l	96
65) o-Xylene	10.094	106	217885	10.319	ug/l	94
66) Styrene	10.110	104	338875	10.753	ug/l	96
67) Bromoform	10.287	173	53125	10.379	ug/l	98
69) Isopropylbenzene	10.480	105	579196	10.463	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	100757	10.006	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	83972m	10.100	ug/l	
72) Bromobenzene	10.775	156	124932	10.256	ug/l	98
73) n-propylbenzene	10.901	120	151338	10.880	ug/l	99
74) 2-Chlorotoluene	10.981	126	133860	10.374	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	486523	10.232	ug/l	99
76) 4-Chlorotoluene	11.090	126	134018	10.334	ug/l	92
77) tert-Butylbenzene	11.415	119	450069	10.087	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	495326	10.271	ug/l	100
79) sec-Butylbenzene	11.637	105	568396	9.966	ug/l	98
80) Nitrobenzene	13.206	77	11009	43.642	ug/l	89
81) p-Isopropyltoluene	11.788	119	493530	10.264	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	252010	10.233	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	244836	10.184	ug/l	97
84) n-Butylbenzene	12.203	91	489557	10.646	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	227886	10.198	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	15226	9.280	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	146125	10.944	ug/l	99
88) Hexachlorobutadiene	14.016	225	85280	9.955	ug/l	99
89) Naphthalene	14.081	128	207848	10.084	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	114738	10.330	ug/l	98

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



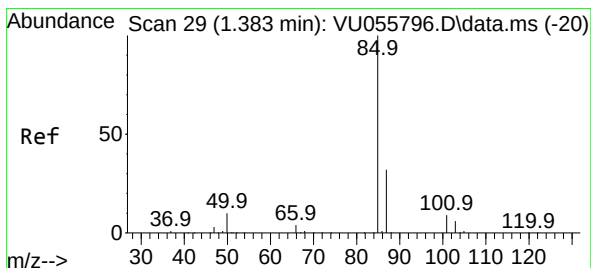
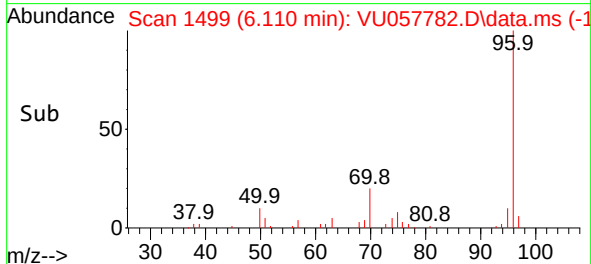
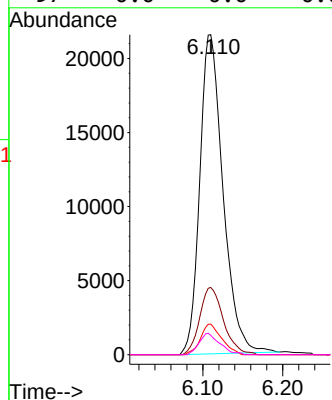
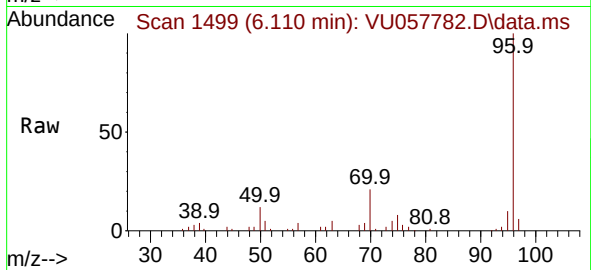
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96	Resp: 4365
Ion Ratio	Lower Upper
96 100	
70 21.4	16.5 24.7
95 8.7	7.4 11.0
97 0.0	0.0 0.0

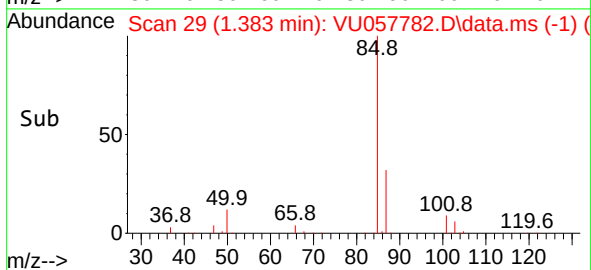
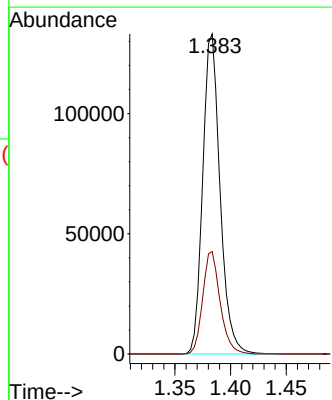
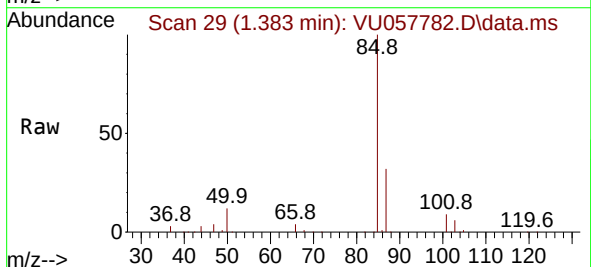
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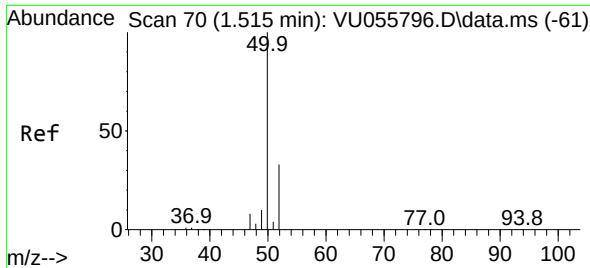
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#2
Dichlorodifluoromethane
Concen: 9.886 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Tgt Ion: 85	Resp: 143703
Ion Ratio	Lower Upper
85 100	
87 32.0	16.2 48.6





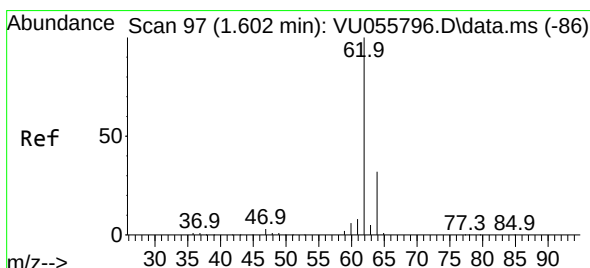
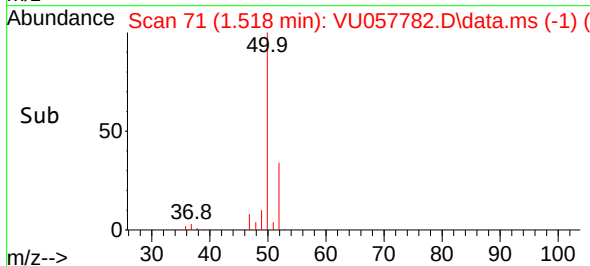
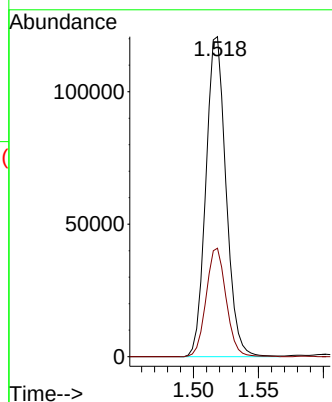
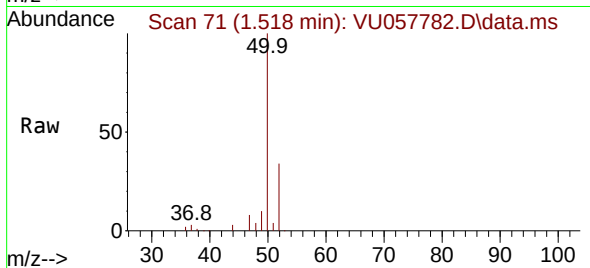
#3
Chloromethane
Concen: 9.338 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :
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ClientSampleId :
VSTDCCC010EC

Tgt Ion: 50 Resp: 13024
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0

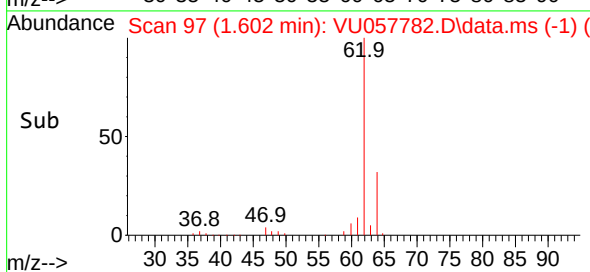
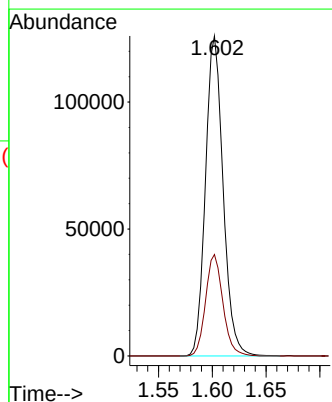
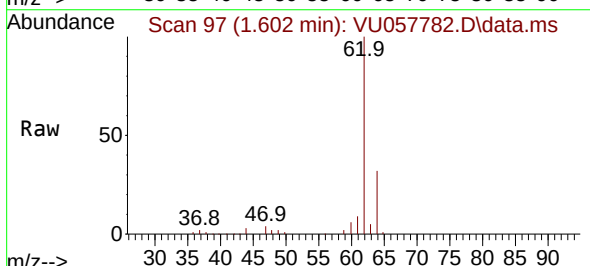
Manual Integrations
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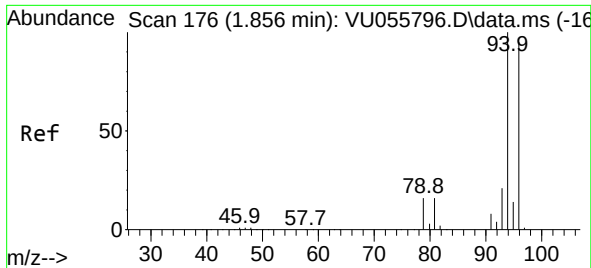
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#4
Vinyl Chloride
Concen: 10.104 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

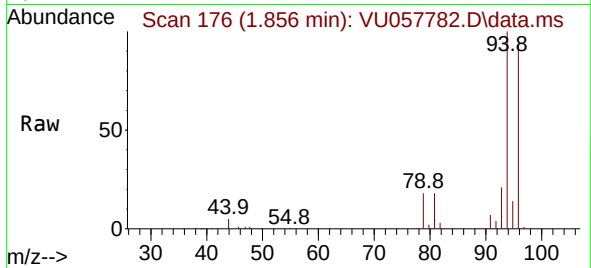
Tgt Ion: 62 Resp: 143697
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2





#5
Bromomethane
Concen: 10.136 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

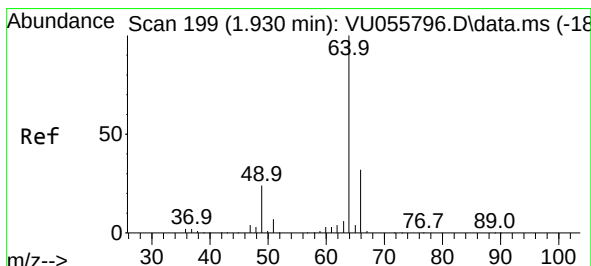
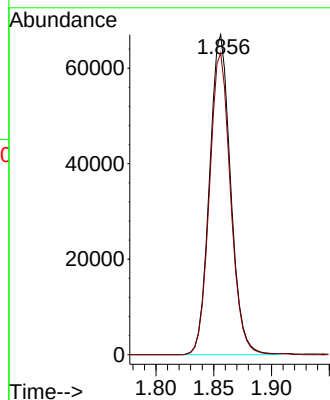
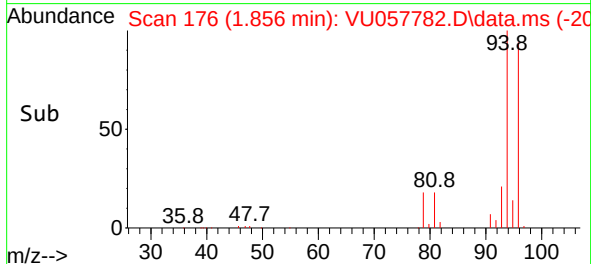
Instrument :
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Tgt Ion: 94 Resp: 85540
Ion Ratio Lower Upper
94 100
96 94.3 75.4 113.2

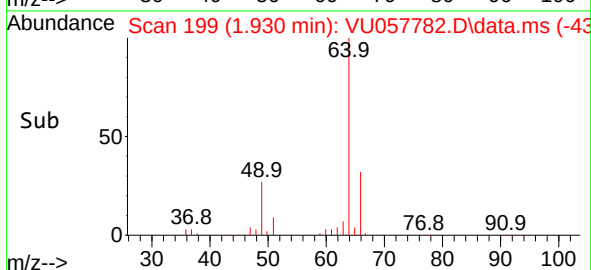
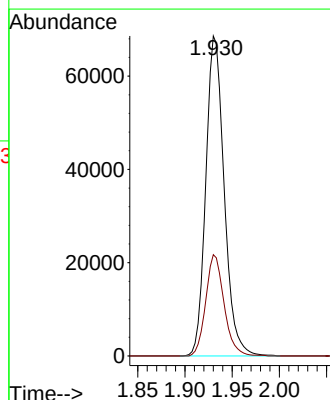
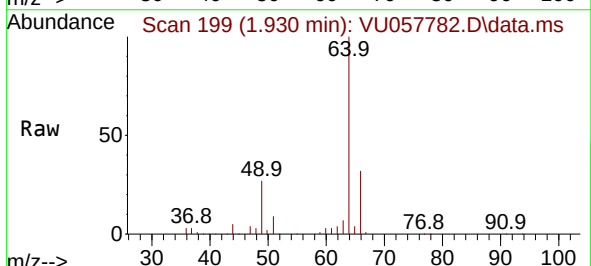
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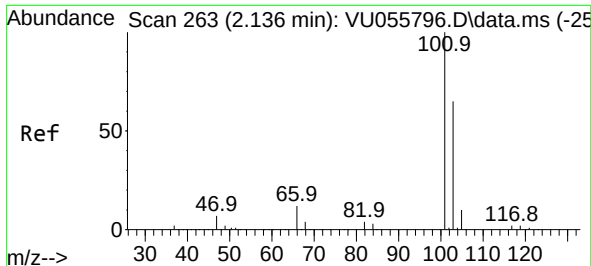
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#6
Chloroethane
Concen: 10.317 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

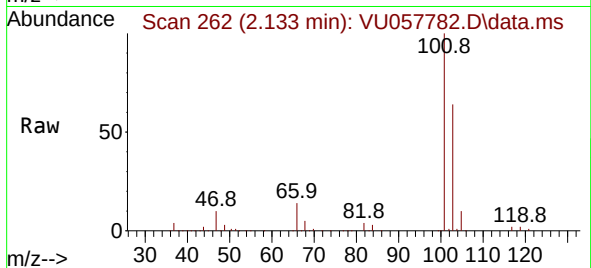
Tgt Ion: 64 Resp: 92696
Ion Ratio Lower Upper
64 100
66 31.6 26.0 39.0





#7
Trichlorofluoromethane
Concen: 9.811 ug/l
RT: 2.133 min Scan# 21365
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

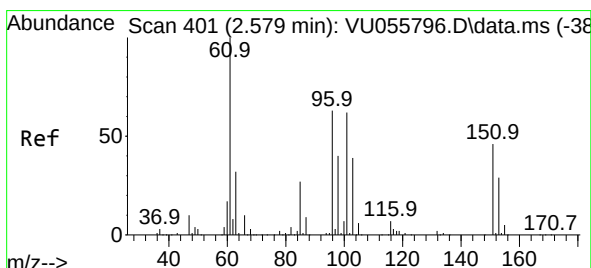
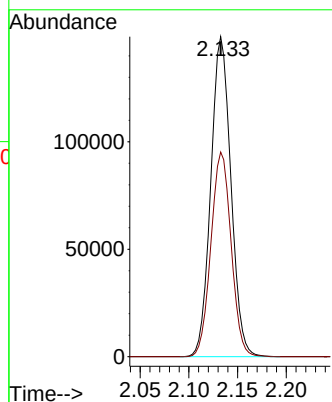
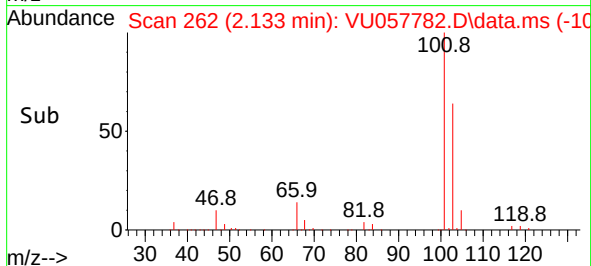
Instrument :
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ClientSampleId :
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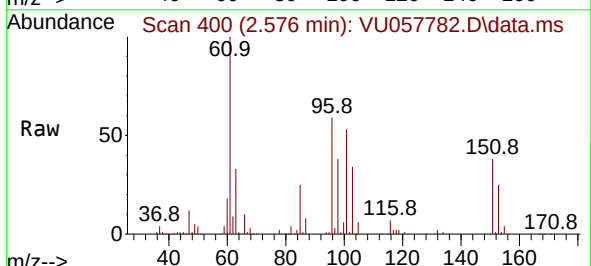
Tgt Ion:101 Resp: 21365
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0

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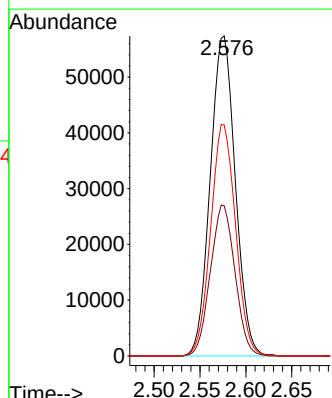
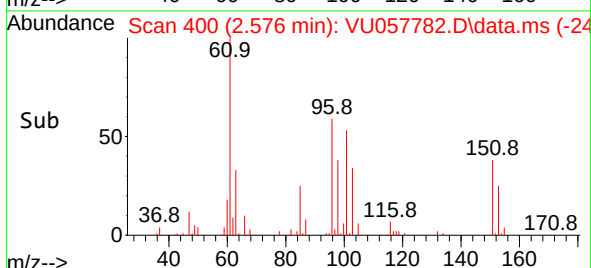
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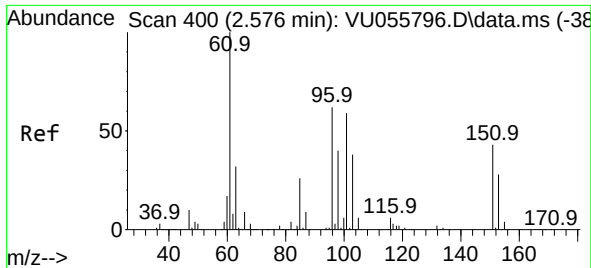


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.753 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56



Tgt Ion:101 Resp: 109201
Ion Ratio Lower Upper
101 100
85 46.2 35.4 53.0
151 71.9 54.0 81.0





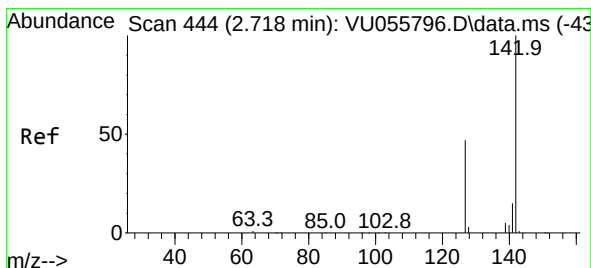
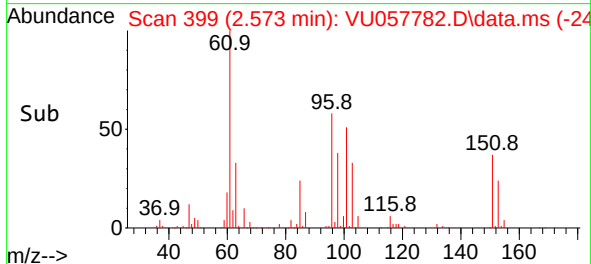
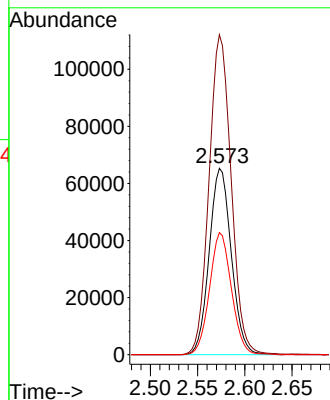
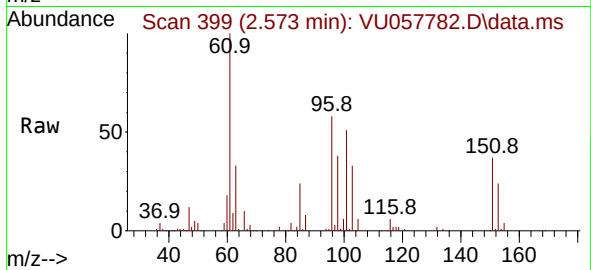
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1,1-Dichloroethene
Concen: 9.806 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Tgt Ion: 96 Resp: 106380
Ion Ratio Lower Upper
96 100
61 171.6 0.0 521.4
98 65.4 0.0 125.8

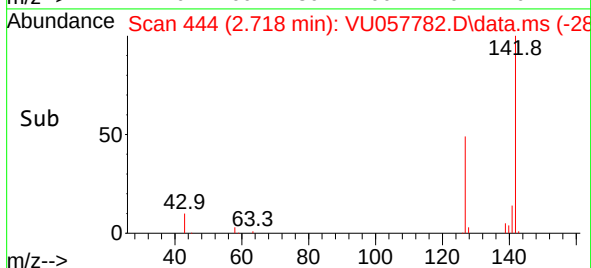
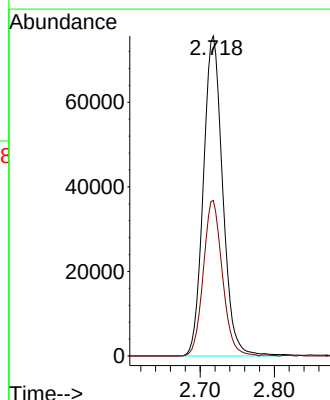
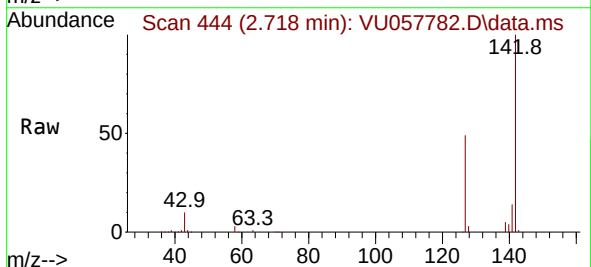
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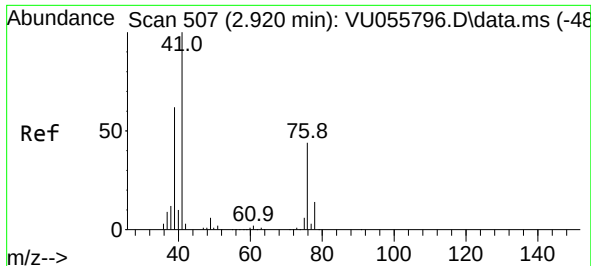
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#10
Iodomethane
Concen: 10.649 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

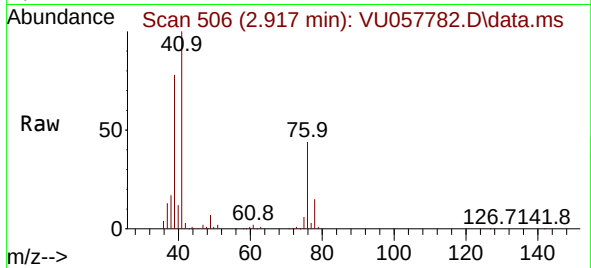
Tgt Ion:142 Resp: 137023
Ion Ratio Lower Upper
142 100
127 47.8 35.9 53.9





#11
 Allyl Chloride
 Concen: 10.149 ug/l
 RT: 2.917 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VU057782.D
 Acq: 01 Feb 2024 16:56

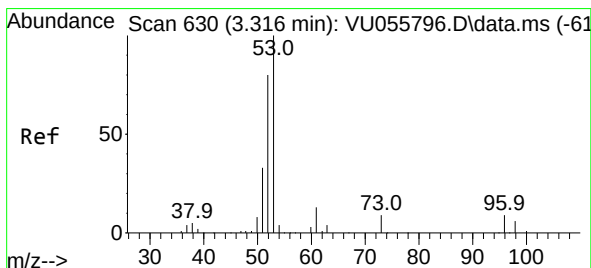
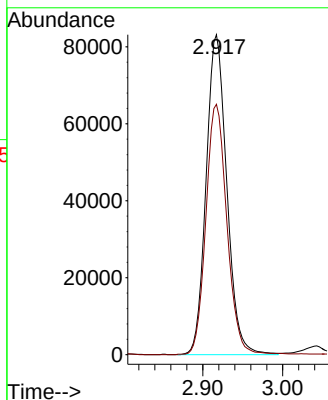
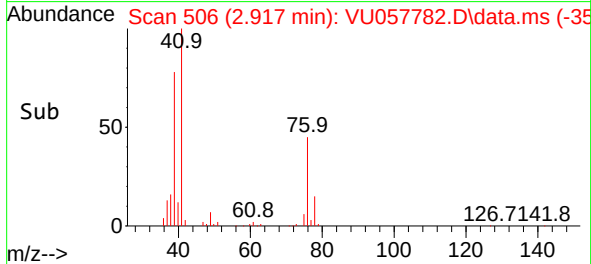
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



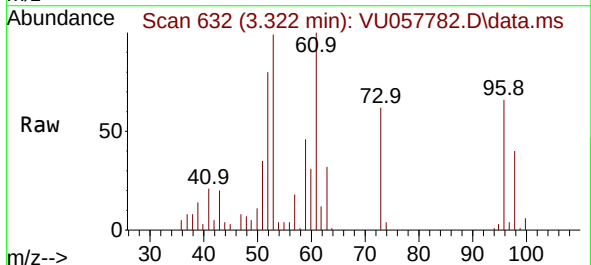
Tgt Ion: 41 Resp: 149340
 Ion Ratio Lower Upper
 41 100
 39 79.5 54.2 81.2

Manual Integrations
 APPROVED

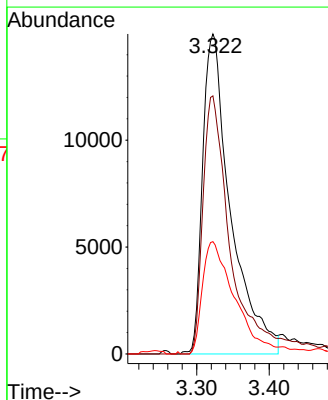
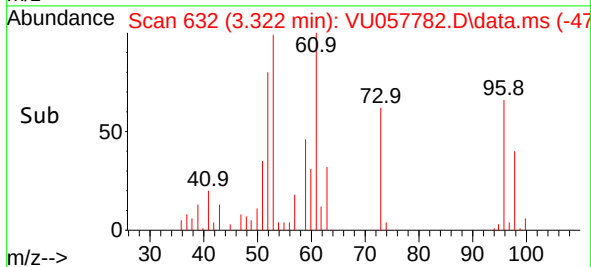
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

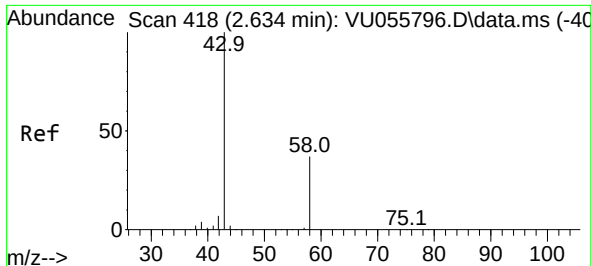


#12
 Acrylonitrile
 Concen: 21.743 ug/l
 RT: 3.322 min Scan# 632
 Delta R.T. 0.006 min
 Lab File: VU057782.D
 Acq: 01 Feb 2024 16:56



Tgt Ion: 53 Resp: 40256
 Ion Ratio Lower Upper
 53 100
 52 79.8 62.9 94.3
 51 40.1 27.8 41.6





#13

Acetone

Concen: 53.303 ug/l

RT: 2.644 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 17861

Ion Ratio Lower Upper

43 100

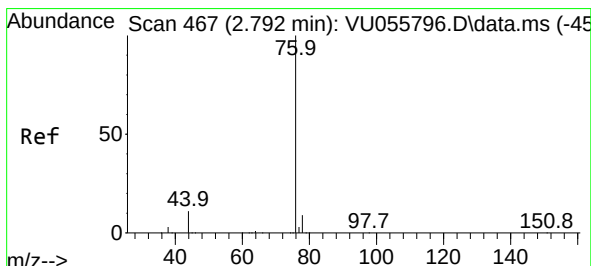
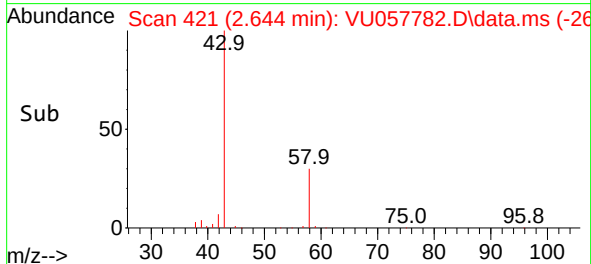
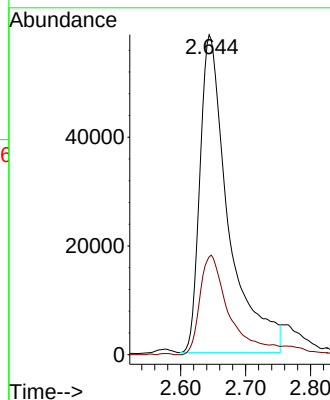
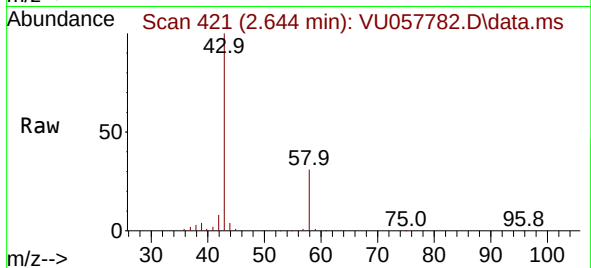
58 30.8 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#14

Carbon Disulfide

Concen: 9.928 ug/l

RT: 2.789 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU057782.D

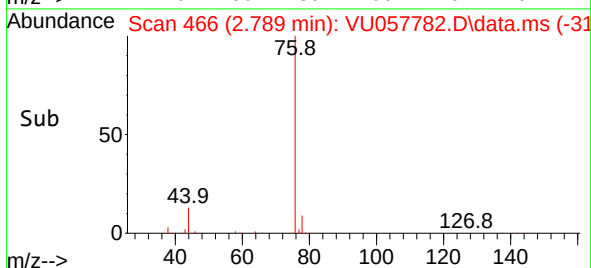
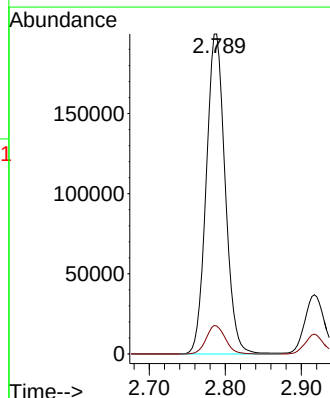
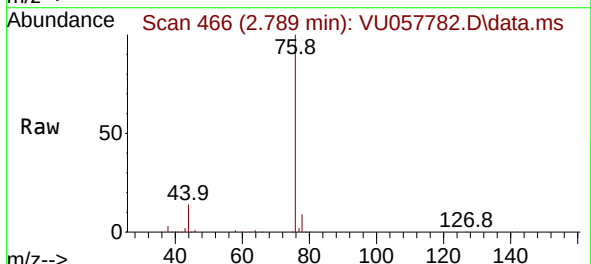
Acq: 01 Feb 2024 16:56

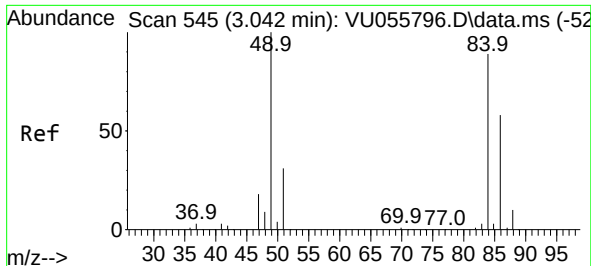
Tgt Ion: 76 Resp: 344749

Ion Ratio Lower Upper

76 100

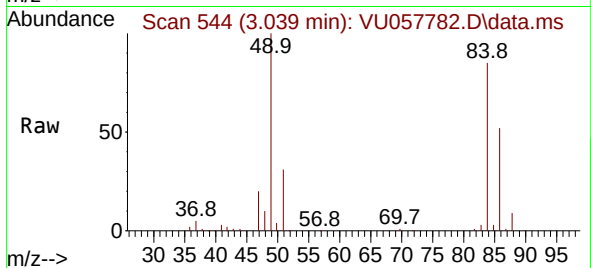
78 8.8 7.4 11.0





#15
Methylene Chloride
Concen: 9.394 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

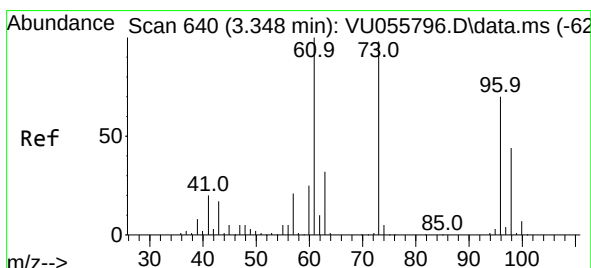
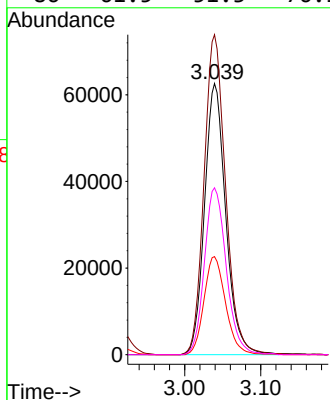
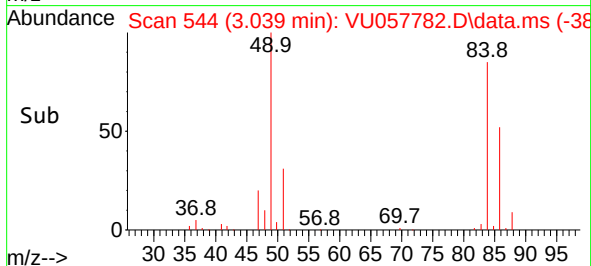
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 84 Resp: 121725
Ion Ratio Lower Upper
84 100
49 118.0 98.9 148.3
51 36.2 0.0 75.4
86 61.5 51.3 76.9

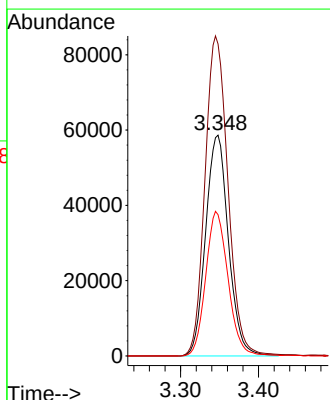
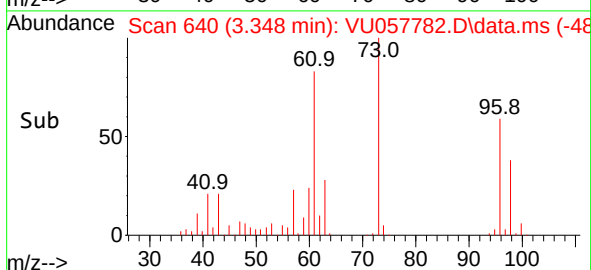
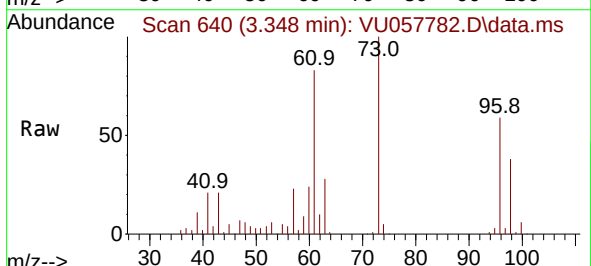
Manual Integrations
APPROVED

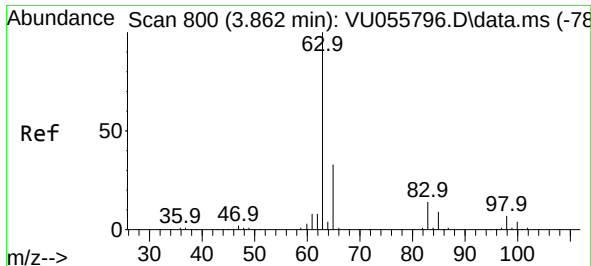
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#16
trans-1,2-Dichloroethene
Concen: 10.080 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Tgt Ion: 96 Resp: 119405
Ion Ratio Lower Upper
96 100
61 141.4 117.5 176.3
98 64.0 48.3 72.5





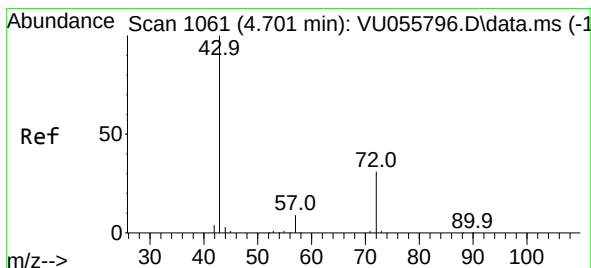
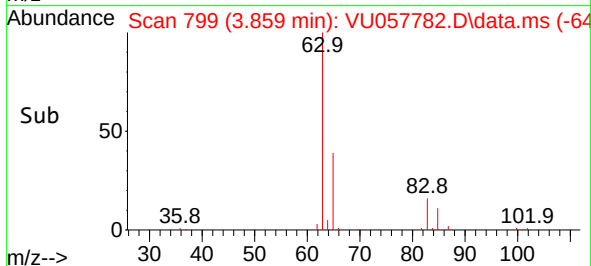
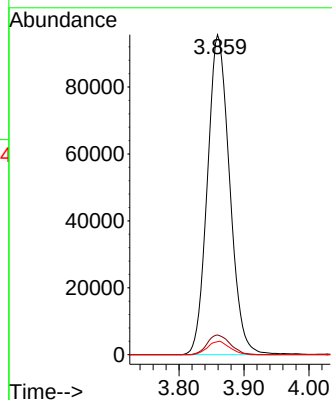
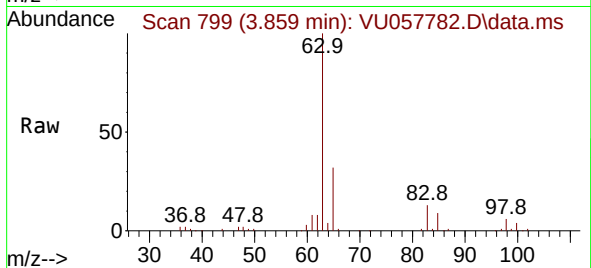
#17
1,1-Dichloroethane
Concen: 10.177 ug/l
RT: 3.859 min Scan# 79
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 22756
Ion Ratio Lower Upper
63 100
98 6.1 3.4 10.1
100 4.1 2.2 6.6

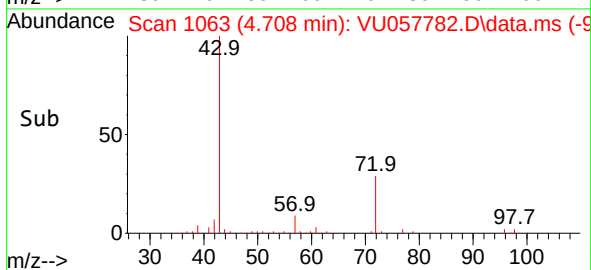
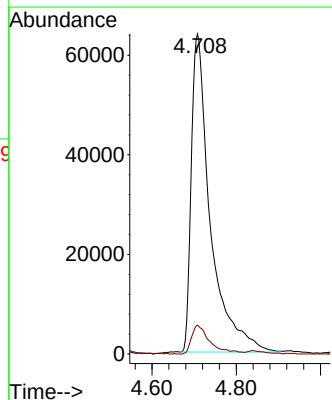
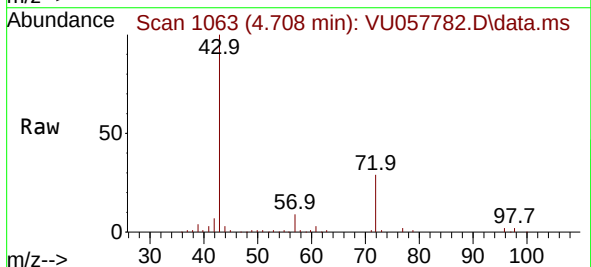
Manual Integrations
APPROVED

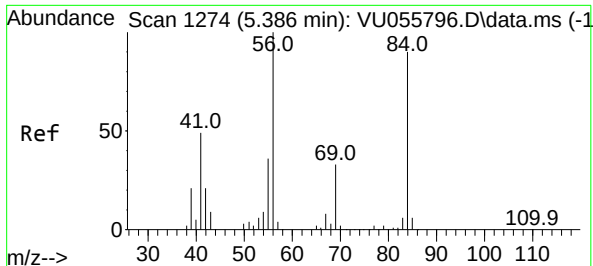
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#18
2-Butanone
Concen: 55.526 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Tgt Ion: 43 Resp: 200539
Ion Ratio Lower Upper
43 100
57 9.1 0.0 19.6





#19

Cyclohexane

Concen: 9.971 ug/l

RT: 5.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

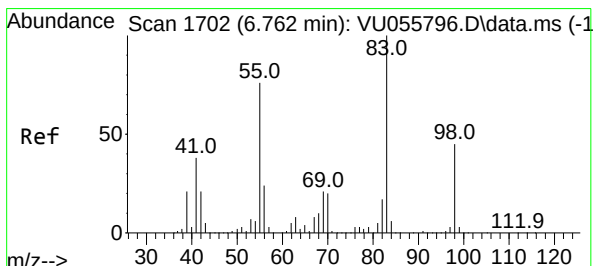
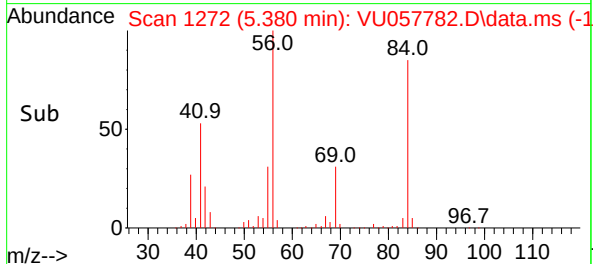
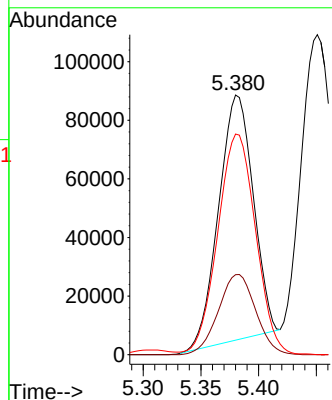
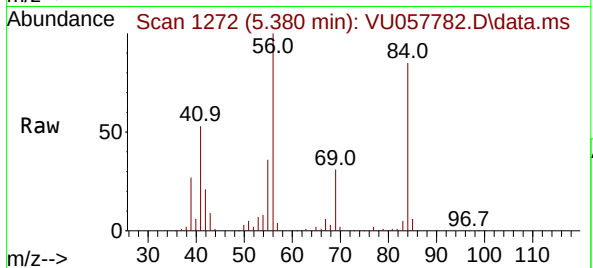
Tgt Ion: 56 Resp: 17472

Ion	Ratio	Lower	Upper
56	100		
69	35.2	24.6	37.0
84	97.1	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#20

Methylcyclohexane

Concen: 10.215 ug/l

RT: 6.756 min Scan# 1700

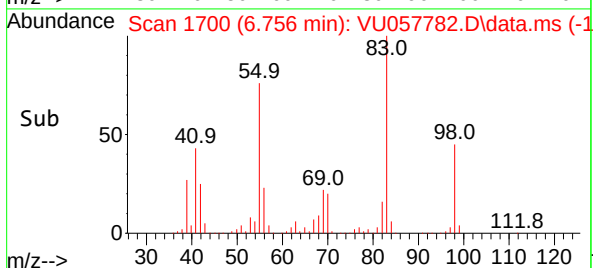
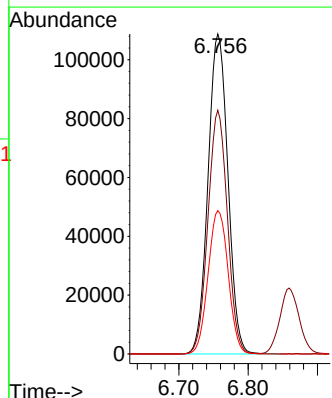
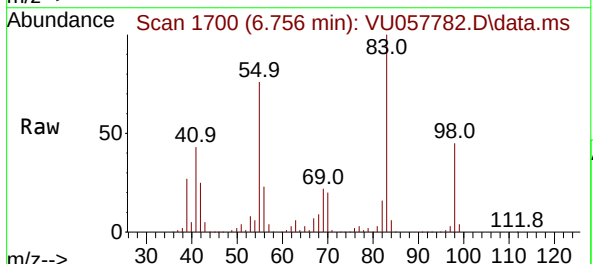
Delta R.T. -0.006 min

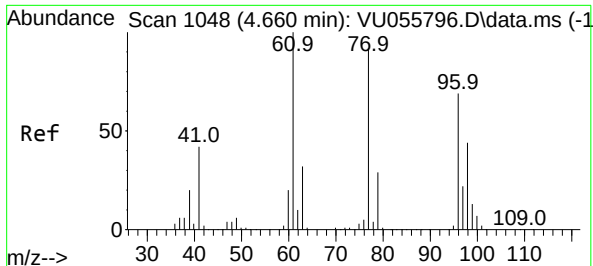
Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Tgt Ion: 83 Resp: 216333

Ion	Ratio	Lower	Upper
83	100		
55	74.3	63.5	95.3
98	45.4	36.0	54.0





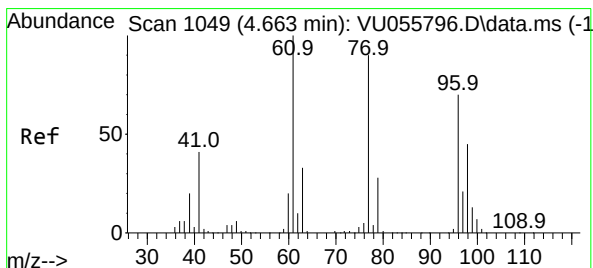
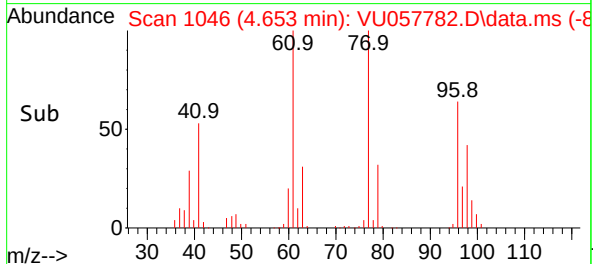
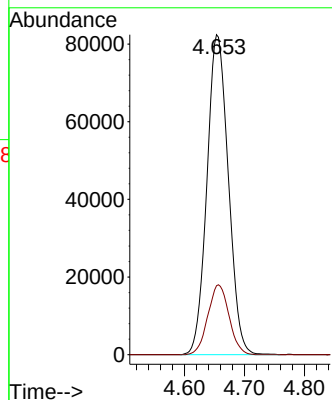
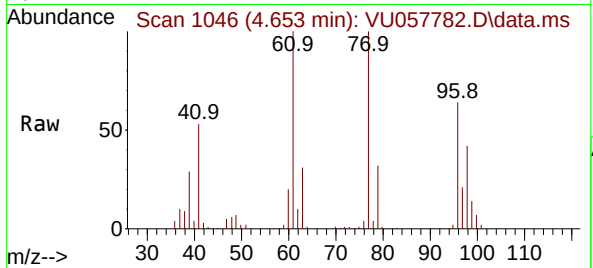
#21
2,2-Dichloropropane
Concen: 10.298 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.007 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 204479
Ion Ratio Lower Upper
77 100
97 21.7 18.4 27.6

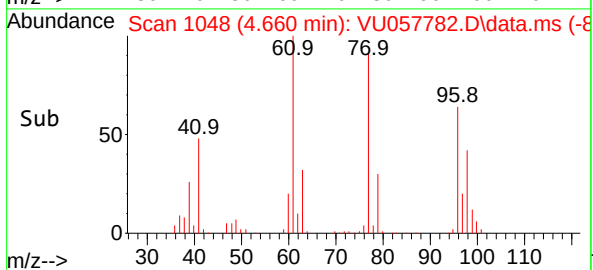
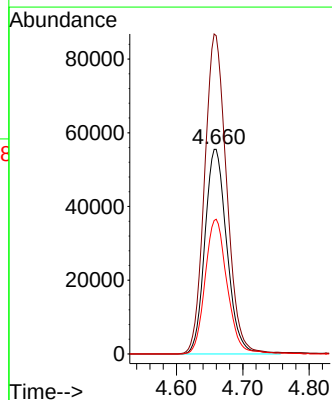
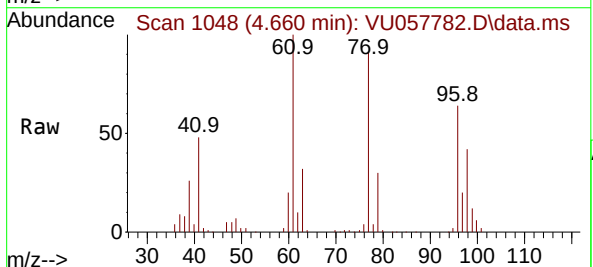
Manual Integrations
APPROVED

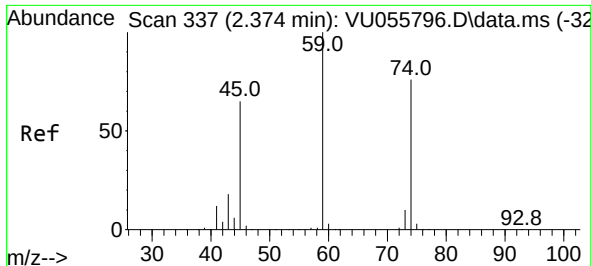
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#22
cis-1,2-Dichloroethene
Concen: 9.854 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Tgt Ion: 96 Resp: 127836
Ion Ratio Lower Upper
96 100
61 156.6 0.0 365.8
98 66.2 32.0 96.0





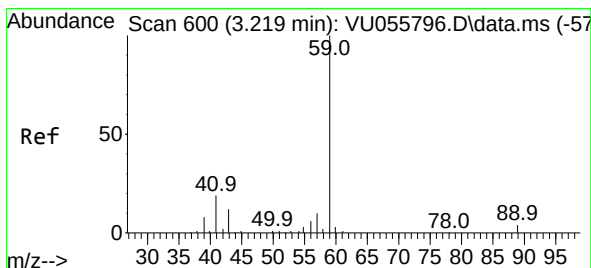
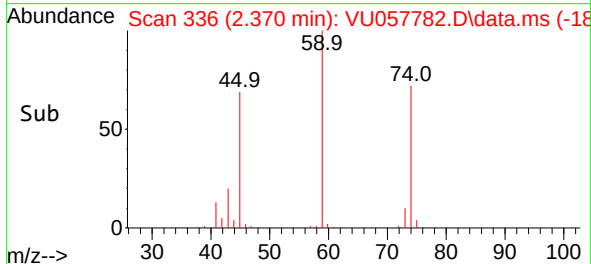
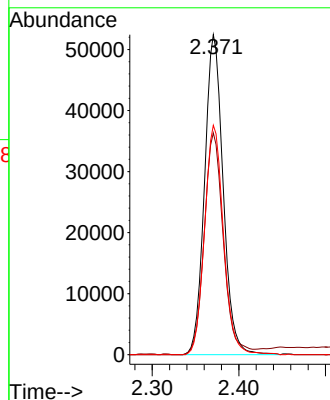
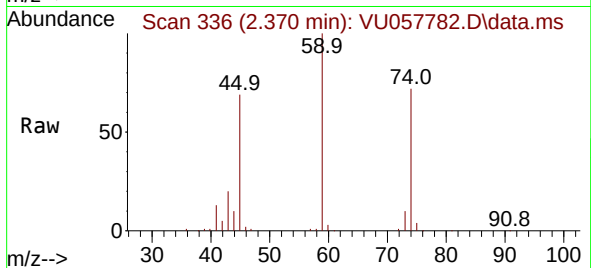
#23
Diethyl Ether
Concen: 9.978 ug/l
RT: 2.370 min Scan# 311
Delta R.T. -0.004 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 78135
Ion Ratio Lower Upper
59 100
45 71.3 56.1 84.1
74 73.0 57.4 86.2

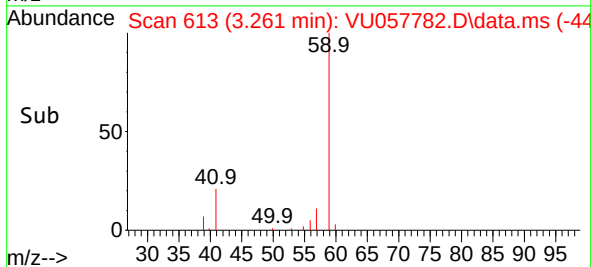
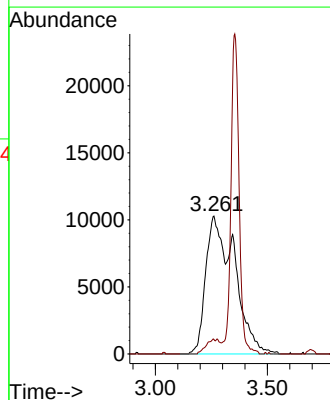
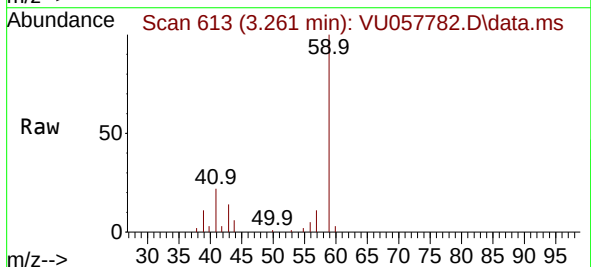
Manual Integrations
APPROVED

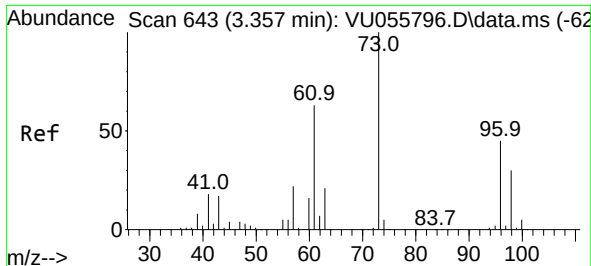
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#24
tert-Butyl Alcohol
Concen: 103.291 ug/l m
RT: 3.261 min Scan# 613
Delta R.T. 0.042 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

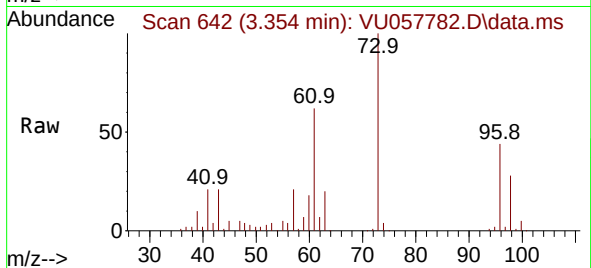
Tgt Ion: 59 Resp: 91935
Ion Ratio Lower Upper
59 100
57 3.4 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 10.159 ug/l
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

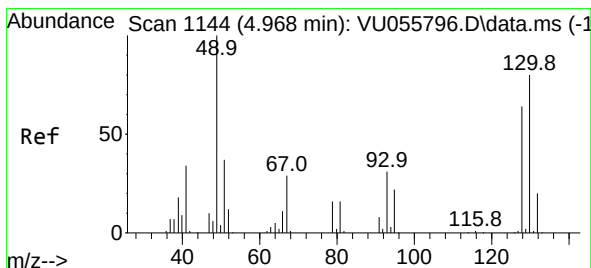
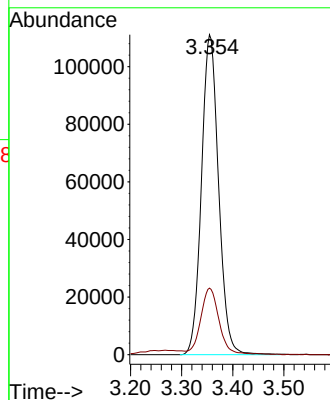
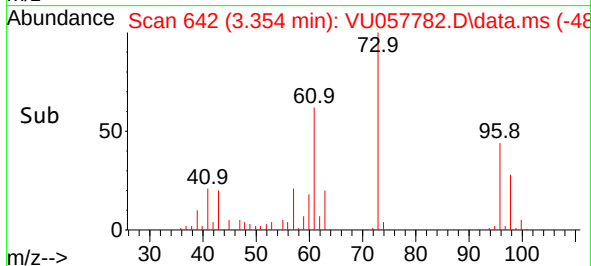
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



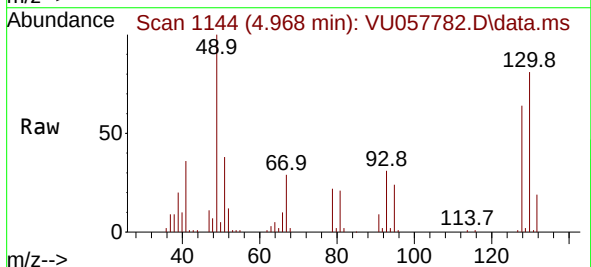
Tgt Ion: 73 Resp: 258618
Ion Ratio Lower Upper
73 100
43 21.4 15.0 22.6

Manual Integrations
APPROVED

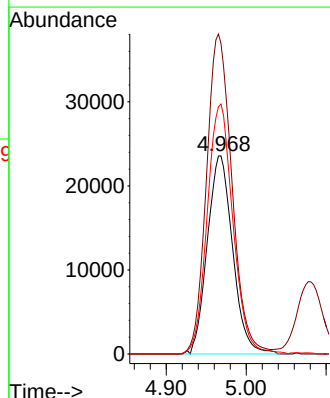
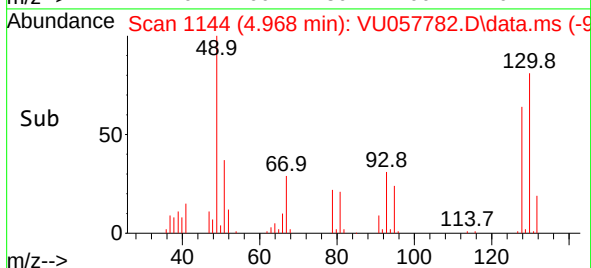
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

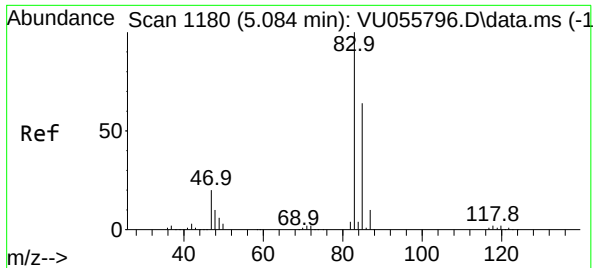


#26
Bromochloromethane
Concen: 9.948 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56



Tgt Ion:128 Resp: 51845
Ion Ratio Lower Upper
128 100
49 162.4 0.0 324.6
130 128.5 103.0 154.4





#27

Chloroform

Concen: 10.110 ug/l

RT: 5.078 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 23503

Ion Ratio Lower Upper

83 100

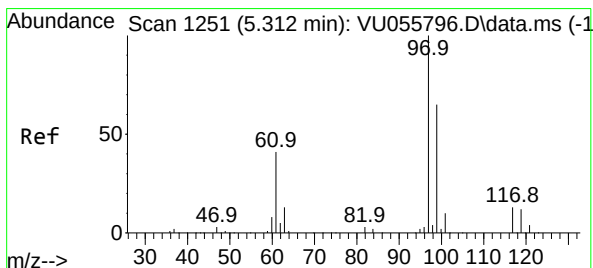
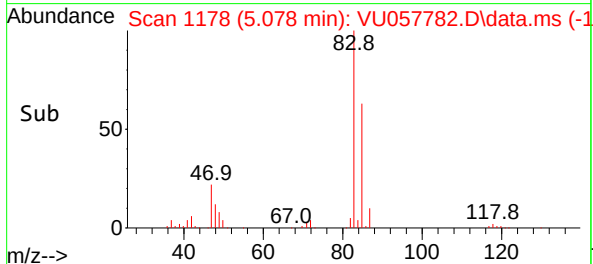
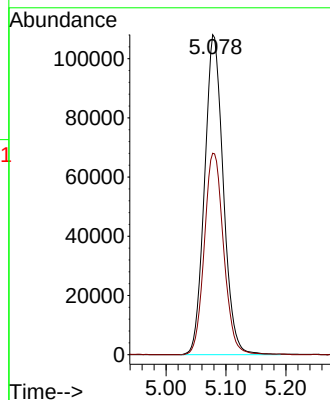
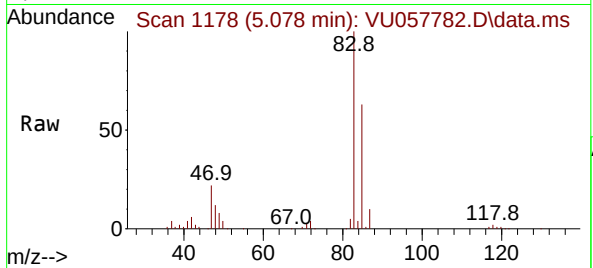
85 62.9 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#28

1,1,1-Trichloroethane

Concen: 10.027 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

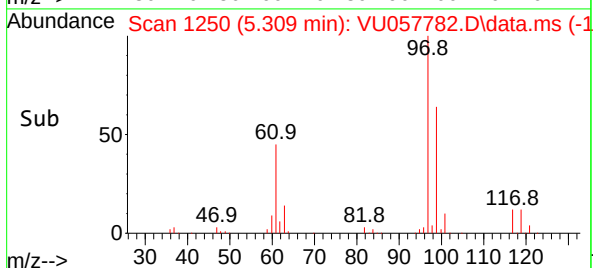
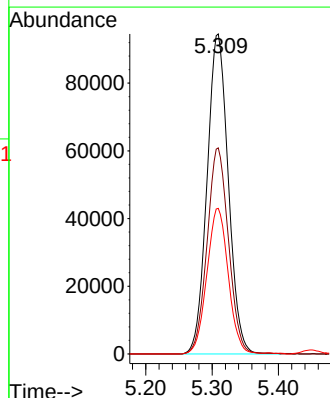
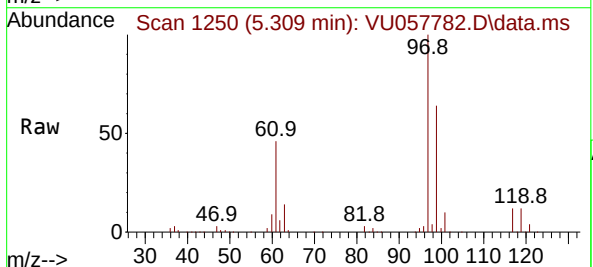
Tgt Ion: 97 Resp: 210478

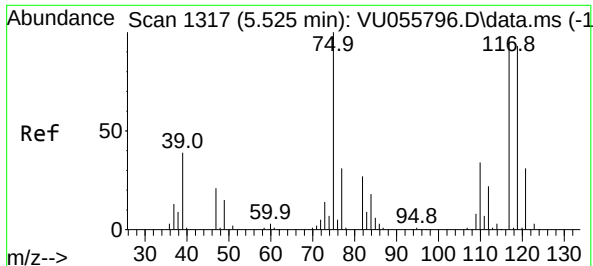
Ion Ratio Lower Upper

97 100

99 64.9 32.0 96.2

61 45.9 22.9 68.5





#29

1,1-Dichloropropene

Concen: 10.306 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. -0.007 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 175029

Ion Ratio Lower Upper

75 100

110 33.1 18.0 54.0

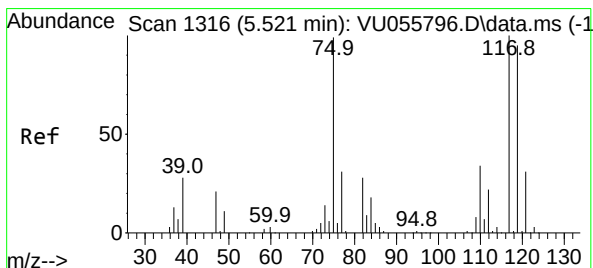
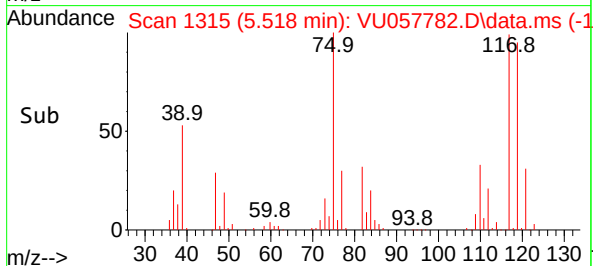
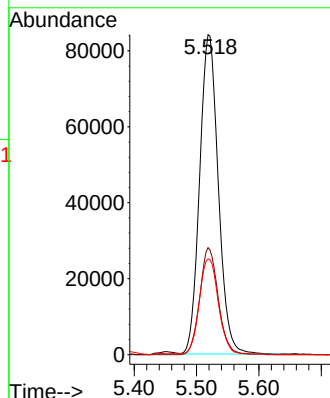
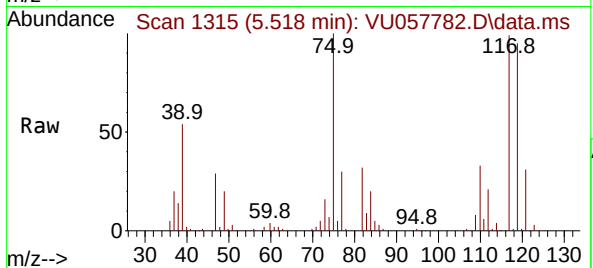
77 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#30

Carbon Tetrachloride

Concen: 10.045 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

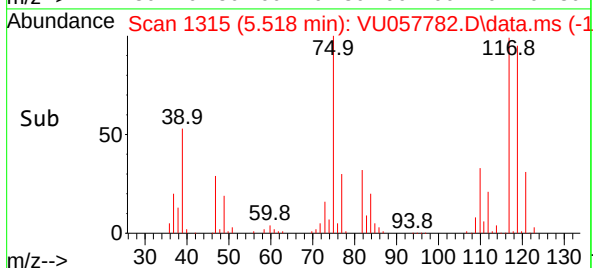
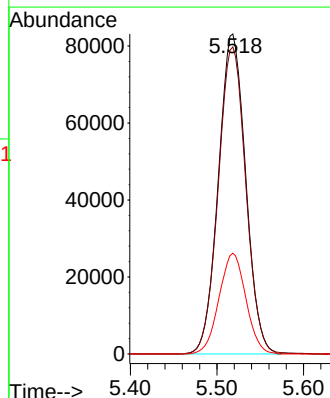
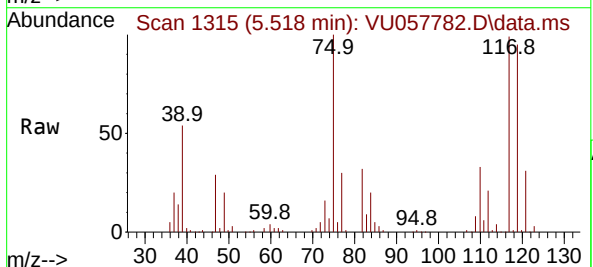
Tgt Ion:117 Resp: 181675

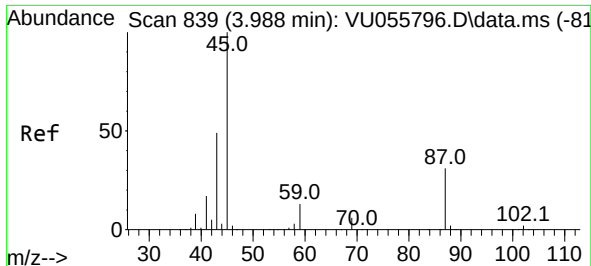
Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

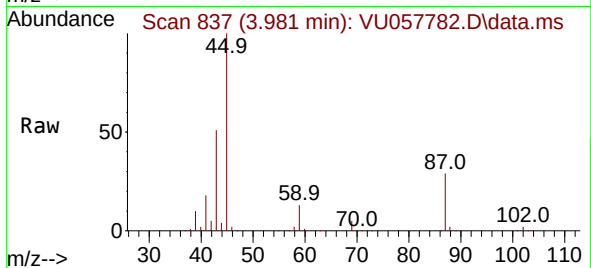
121 31.9 24.0 36.0





#31
Isopropyl Ether
Concen: 10.331 ug/l
RT: 3.981 min Scan# 81
Delta R.T. -0.007 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

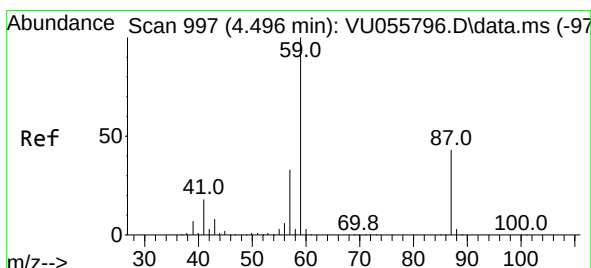
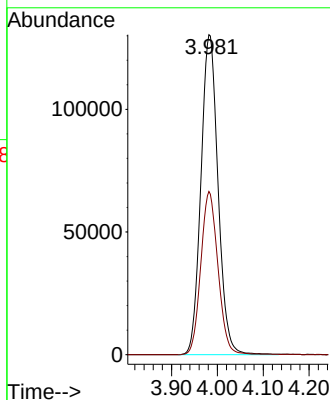
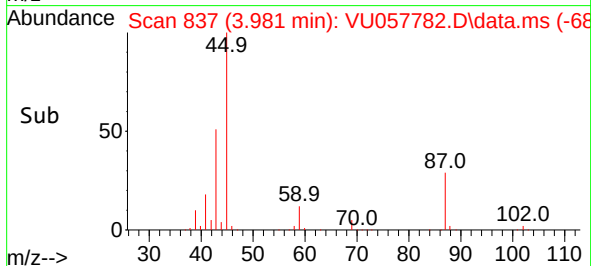
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



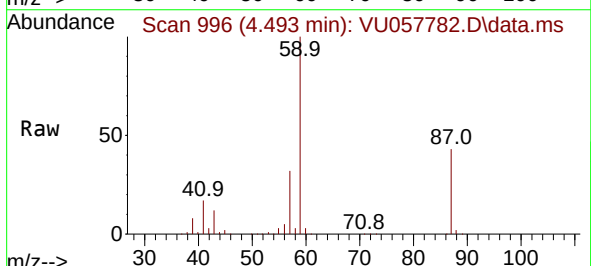
Tgt Ion: 45 Resp: 33805
Ion Ratio Lower Upper
45 100
43 51.1 27.5 82.5

Manual Integrations
APPROVED

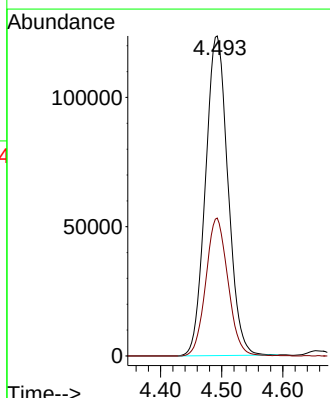
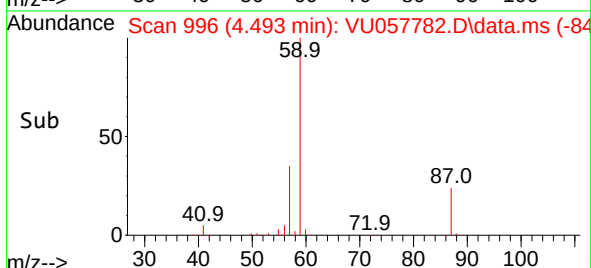
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

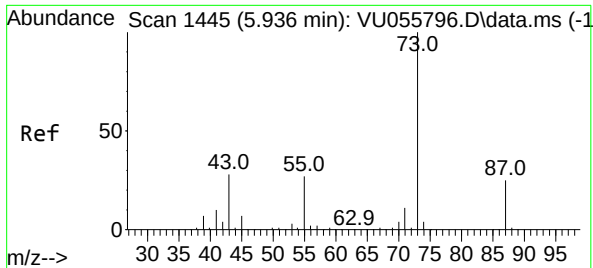


#32
Ethyl-t-butyl ether
Concen: 10.405 ug/l
RT: 4.493 min Scan# 996
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56



Tgt Ion: 59 Resp: 316125
Ion Ratio Lower Upper
59 100
87 42.3 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 10.653 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

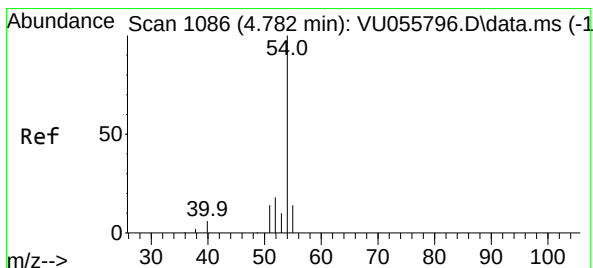
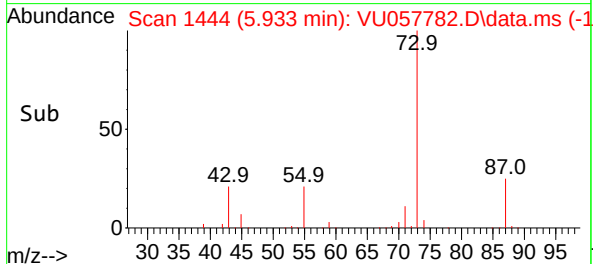
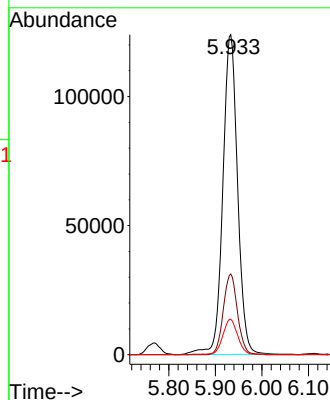
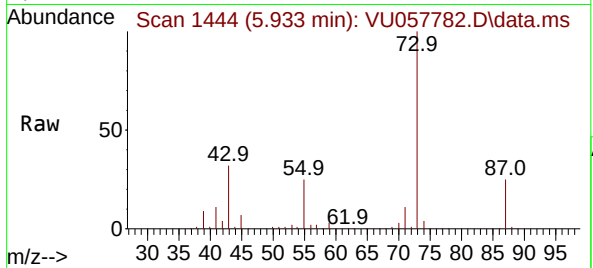
VSTDCCC010EC

Tgt Ion: 73 Resp: 272492
Ion Ratio Lower Upper
73 100
87 24.2 18.6 28.0
71 10.9 9.9 14.9

Manual Integrations

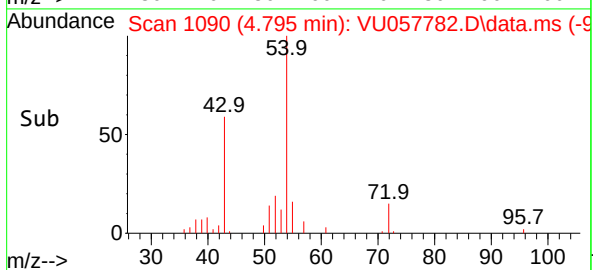
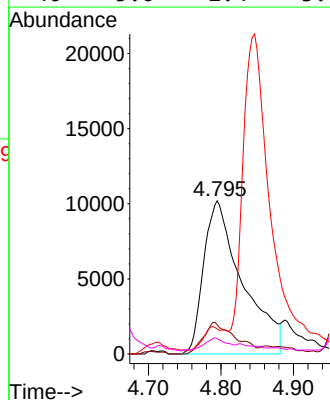
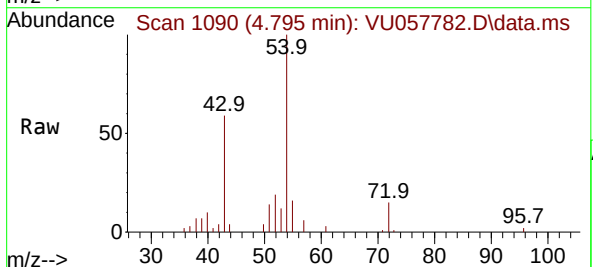
APPROVED

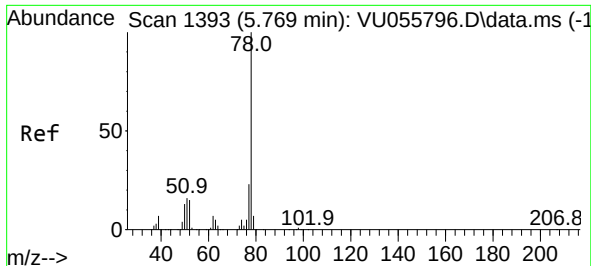
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#34
Propionitrile
Concen: 50.592 ug/l
RT: 4.795 min Scan# 1090
Delta R.T. 0.013 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Tgt Ion: 54 Resp: 37870
Ion Ratio Lower Upper
54 100
52 16.8 17.4 26.0#
55 9.1 104.1 156.1#
40 5.0 2.4 3.6#





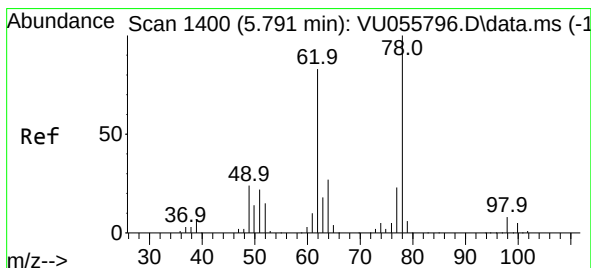
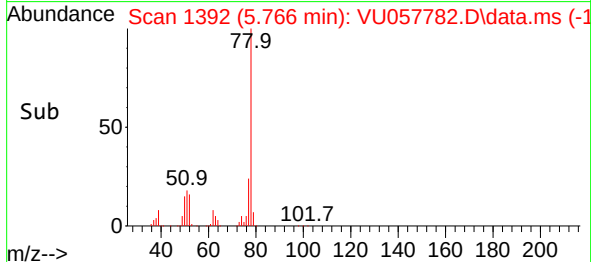
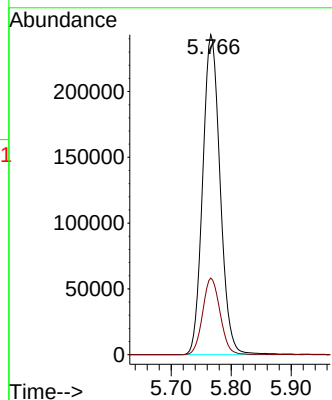
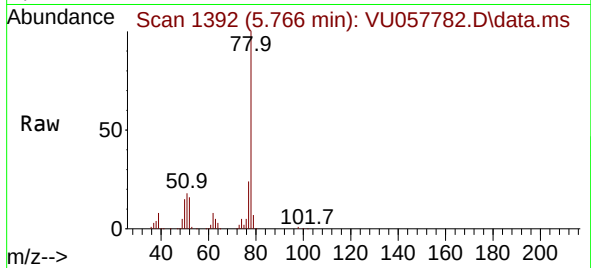
#35
Benzene
Concen: 10.084 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 493108
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

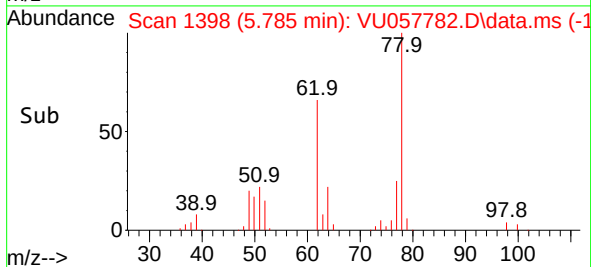
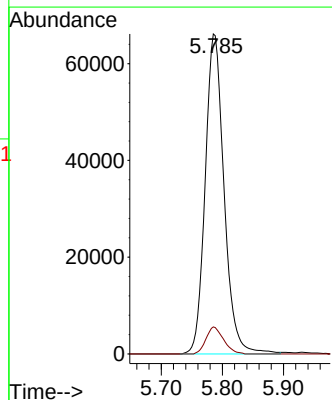
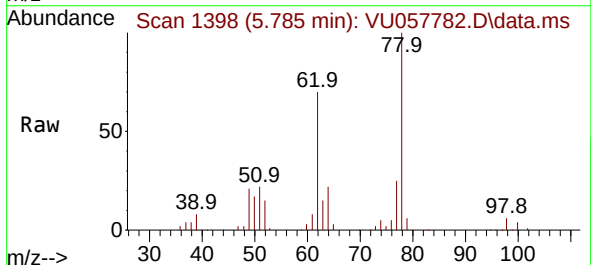
Manual Integrations
APPROVED

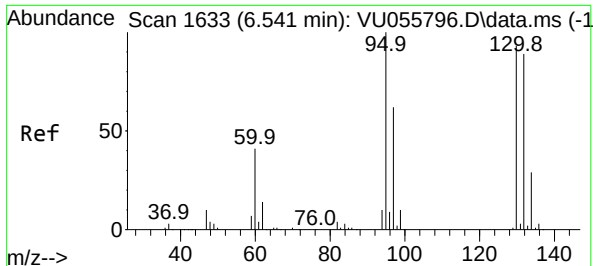
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#36
1,2-Dichloroethane
Concen: 9.966 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Tgt Ion: 62 Resp: 142004
Ion Ratio Lower Upper
62 100
98 7.9 7.3 10.9





#37

Trichloroethene

Concen: 10.014 ug/l

RT: 6.538 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:130 Resp: 13003

Ion Ratio Lower Upper

130 100

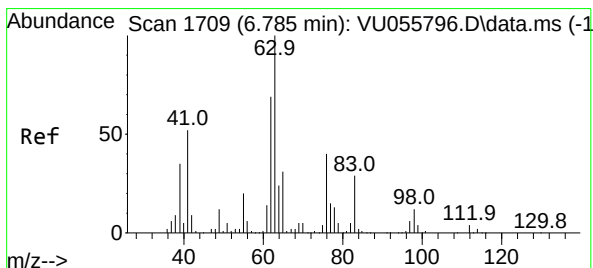
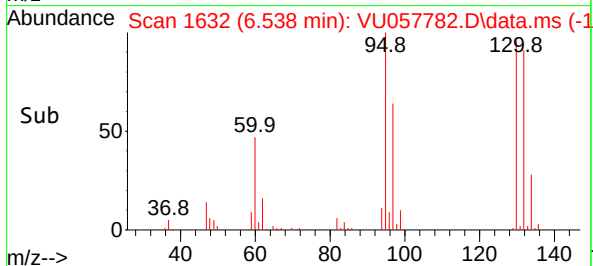
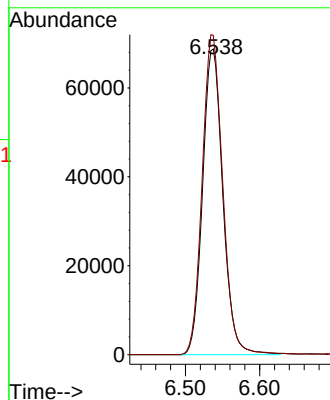
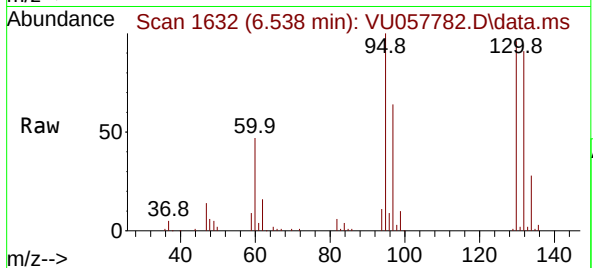
95 104.5 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#38

1,2-Dichloropropane

Concen: 10.088 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. -0.003 min

Lab File: VU057782.D

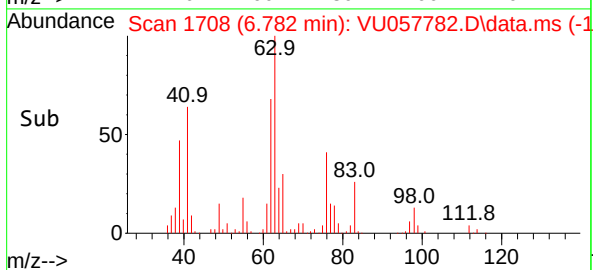
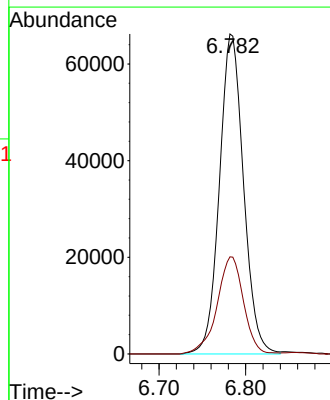
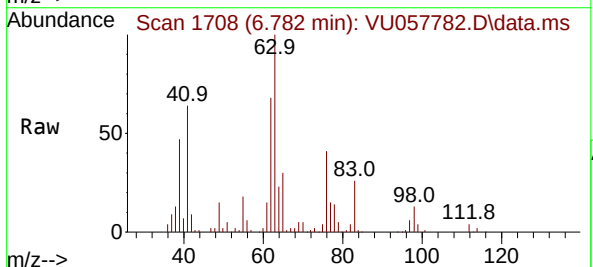
Acq: 01 Feb 2024 16:56

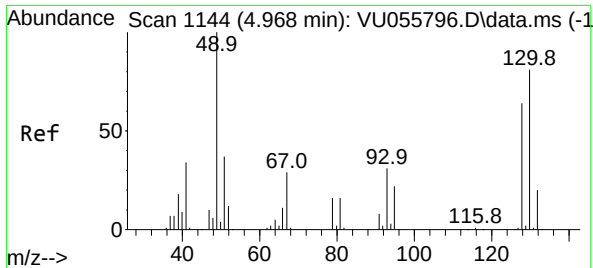
Tgt Ion: 63 Resp: 127905

Ion Ratio Lower Upper

63 100

65 30.4 24.9 37.3





#39

Methacrylonitrile

Concen: 10.404 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

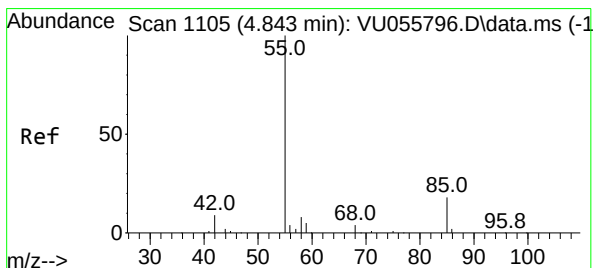
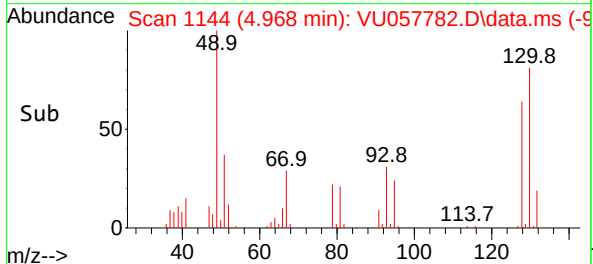
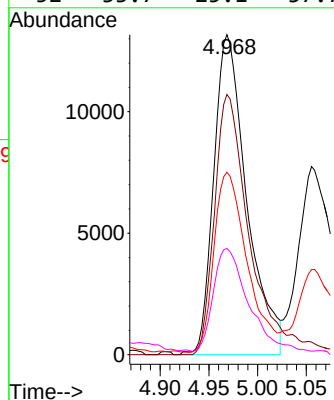
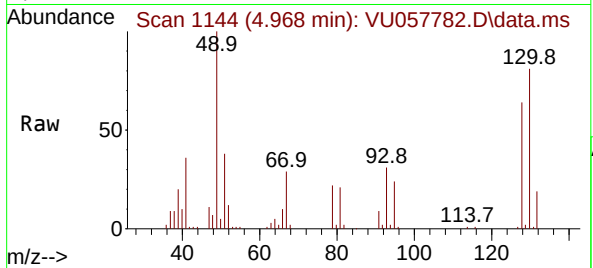
Tgt Ion: 41 Resp: 3104

Ion	Ratio	Lower	Upper
41	100		
67	87.4	66.8	100.2
39	56.2	41.2	61.8
52	33.7	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#40

Methyl acrylate

Concen: 9.091 ug/l

RT: 4.846 min Scan# 1106

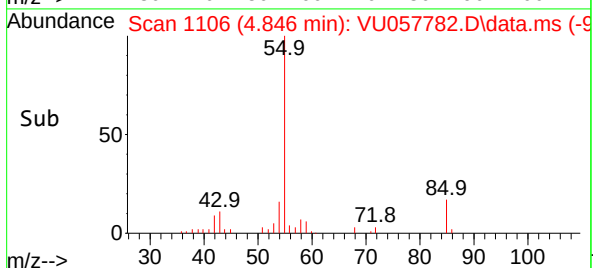
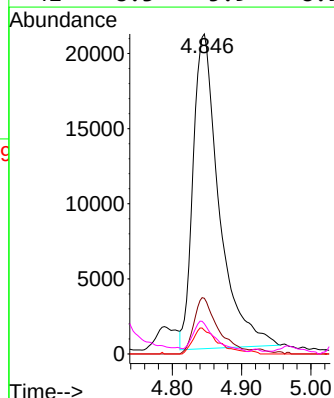
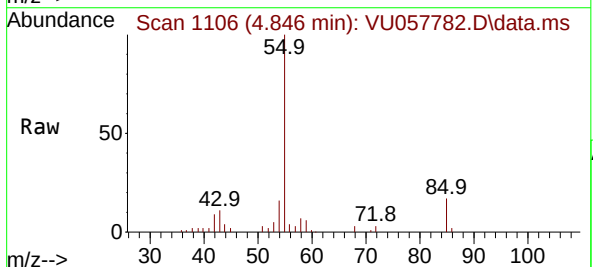
Delta R.T. 0.003 min

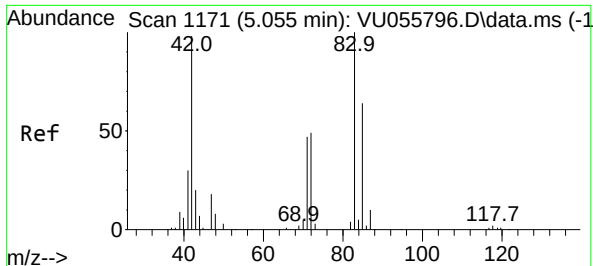
Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Tgt Ion: 55 Resp: 54809

Ion	Ratio	Lower	Upper
55	100		
85	16.6	13.3	19.9
58	7.8	6.5	9.7
42	8.3	5.9	8.9





#41

Tetrahydrofuran

Concen: 21.363 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

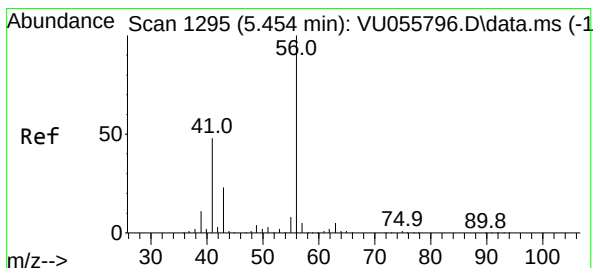
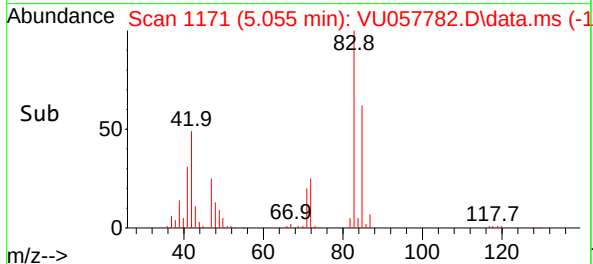
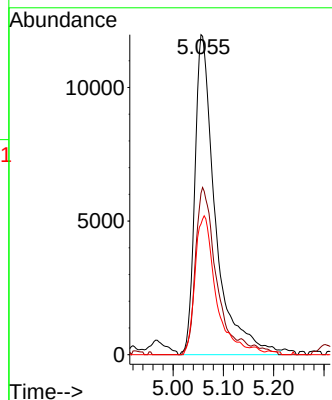
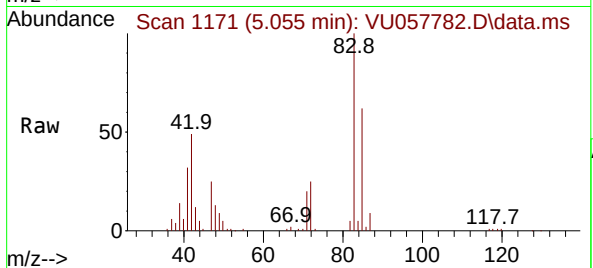
VSTDCCC010EC

Tgt Ion:	42	Resp:	34029
Ion Ratio	Lower	Upper	
42	100		
72	51.1	40.9	61.3
71	43.9	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#42

1-Chlorobutane

Concen: 10.223 ug/l

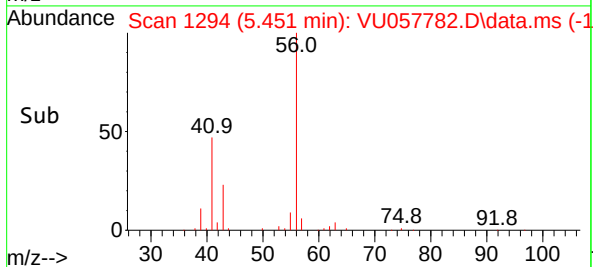
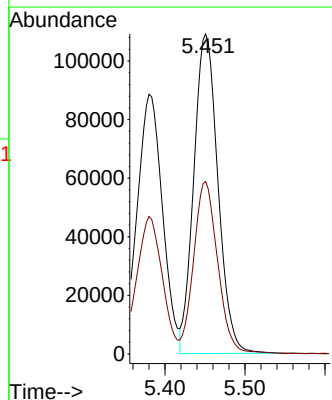
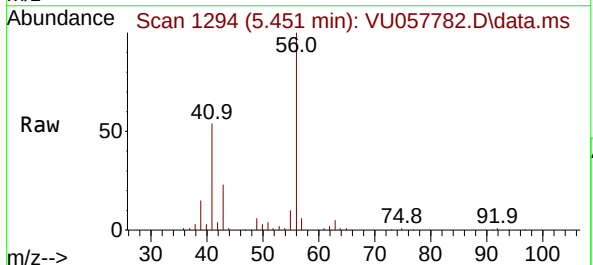
RT: 5.451 min Scan# 1294

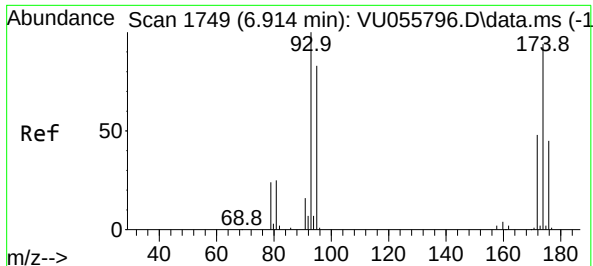
Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Tgt Ion:	56	Resp:	228898
Ion Ratio	Lower	Upper	
56	100		
41	53.9	25.2	75.6





#43

Dibromomethane

Concen: 10.351 ug/l

RT: 6.911 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

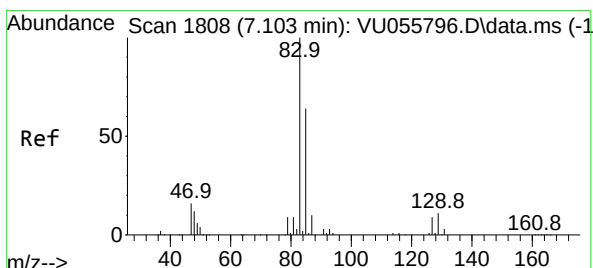
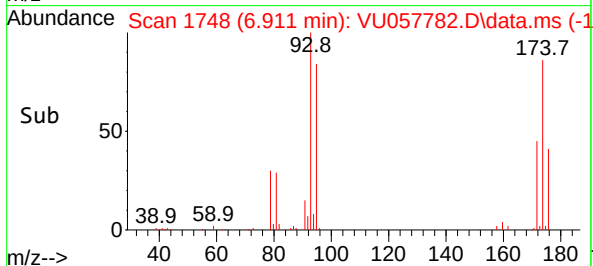
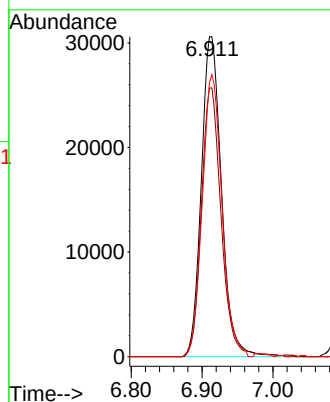
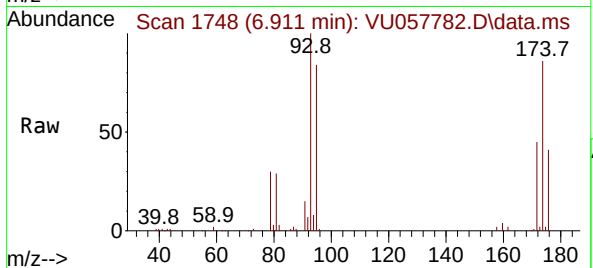
Tgt Ion: 93 Resp: 60354

Ion	Ratio	Lower	Upper
93	100		
95	82.8	67.0	100.6
174	86.0	73.8	110.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#44

Bromodichloromethane

Concen: 10.221 ug/l

RT: 7.100 min Scan# 1807

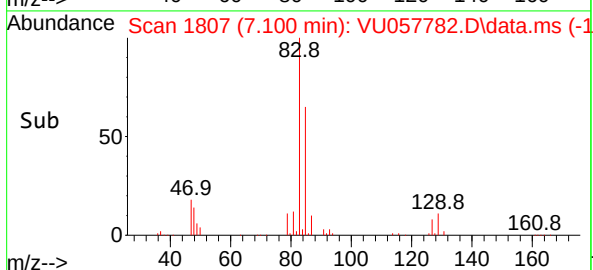
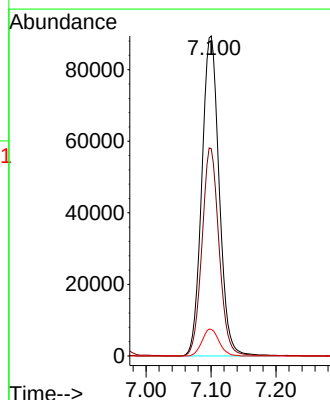
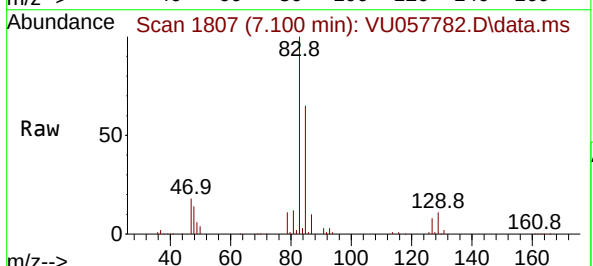
Delta R.T. -0.003 min

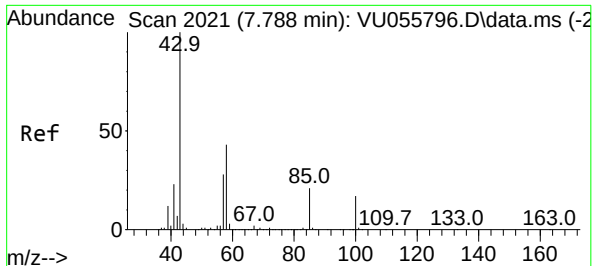
Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Tgt Ion: 83 Resp: 166873

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.9	77.9
127	9.3	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 51.892 ug/l

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 322460

Ion Ratio Lower Upper

43 100

58 40.6 20.9 62.8

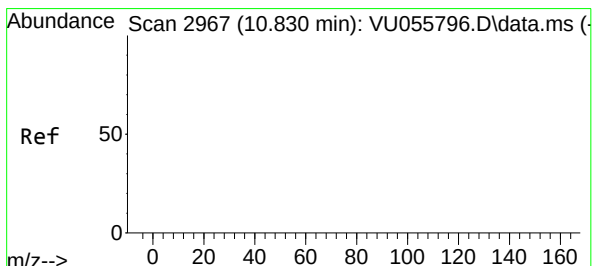
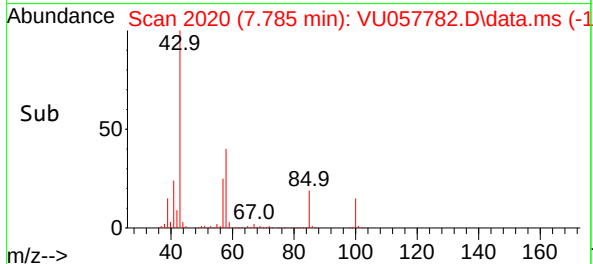
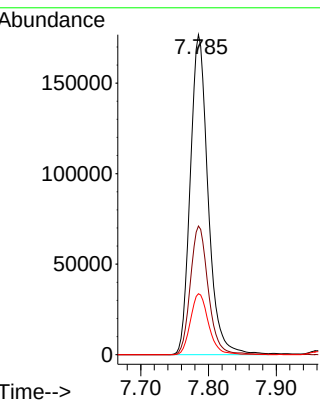
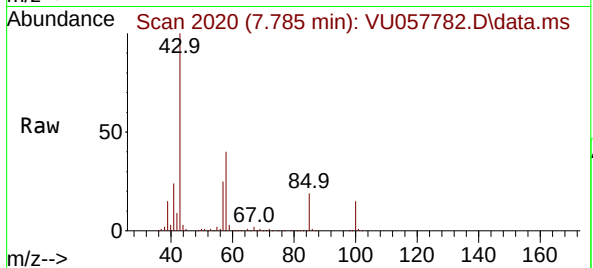
85 19.5 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#46

t-1,4-Dichloro-2-butene

Concen: 22.600 ug/l m

RT: 10.833 min Scan# 2968

Delta R.T. 0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Tgt Ion: 75 Resp: 38177

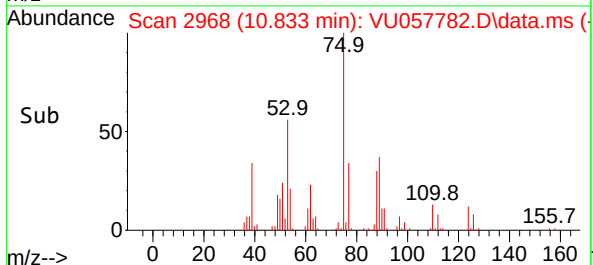
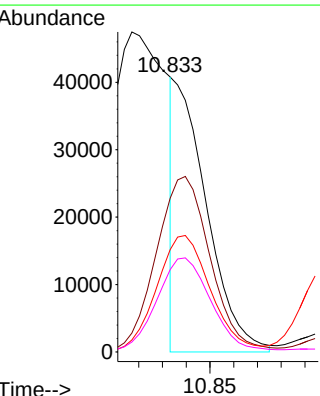
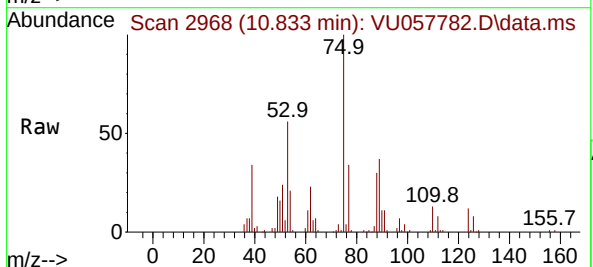
Ion Ratio Lower Upper

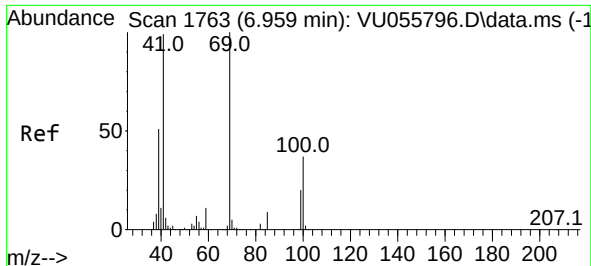
75 100

53 108.5 73.3 109.9

89 71.8 48.2 72.4

88 58.4 36.4 54.6#





#47

Methyl methacrylate

Concen: 21.184 ug/l

RT: 6.956 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 10911

Ion Ratio Lower Upper

69 100

41 109.8 0.0 209.2

39 66.2 46.7 70.1

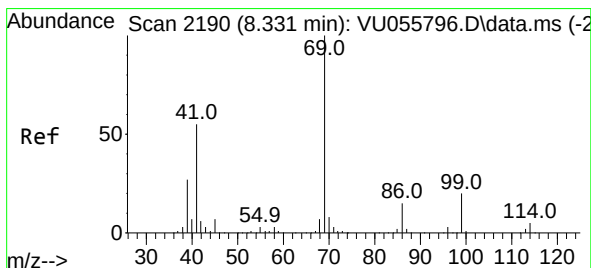
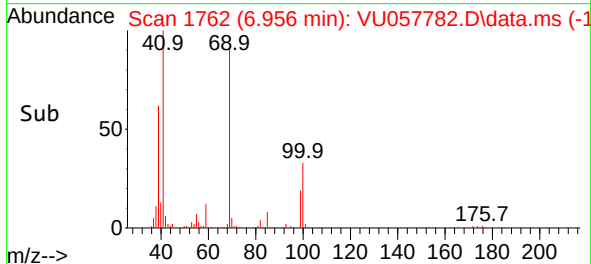
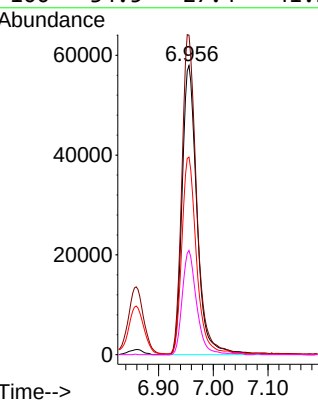
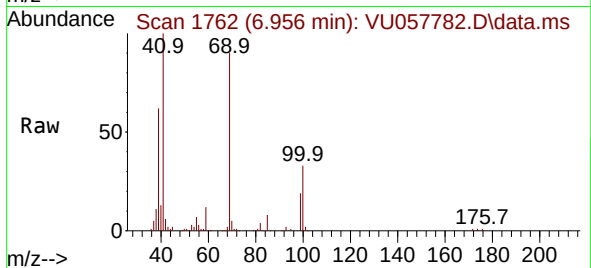
100 34.5 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#48

Ethyl methacrylate

Concen: 10.230 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. -0.003 min

Lab File: VU057782.D

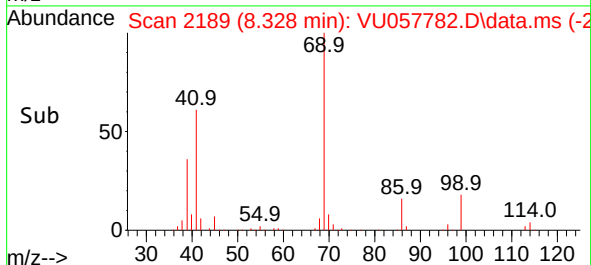
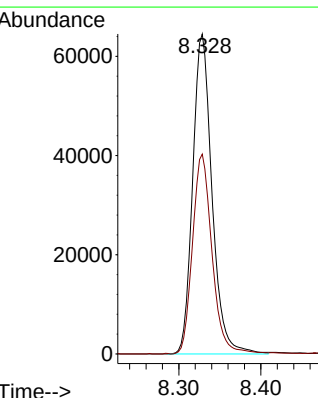
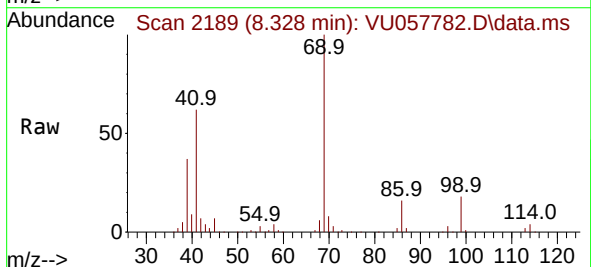
Acq: 01 Feb 2024 16:56

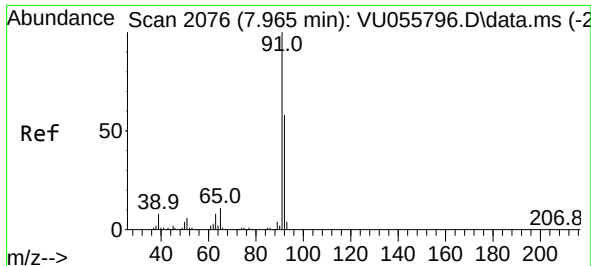
Tgt Ion: 69 Resp: 105612

Ion Ratio Lower Upper

69 100

41 63.2 30.3 90.8





#49

Toluene

Concen: 10.140 ug/l

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 92 Resp: 302890

Ion Ratio Lower Upper

92 100

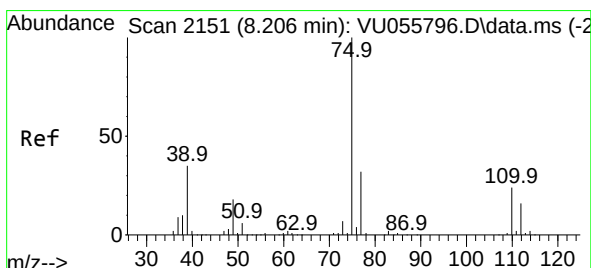
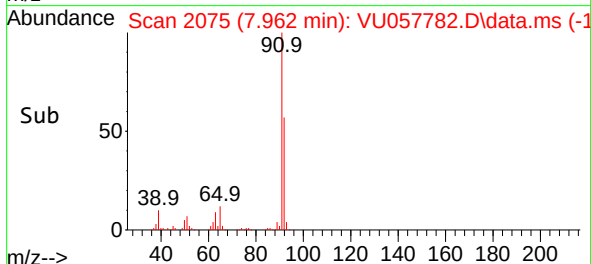
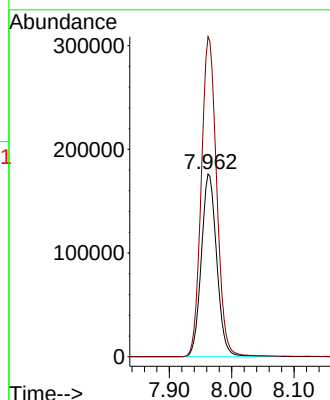
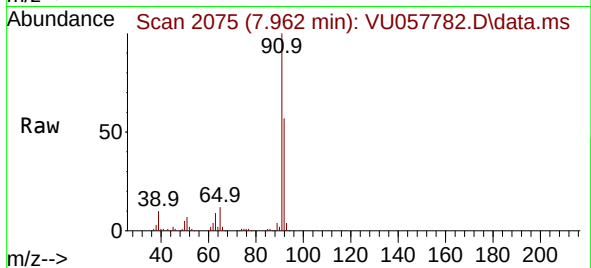
91 174.9 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#50

t-1,3-Dichloropropene

Concen: 10.554 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057782.D

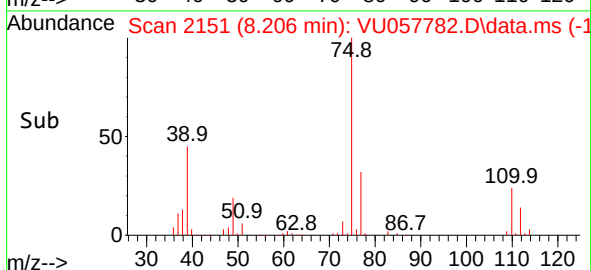
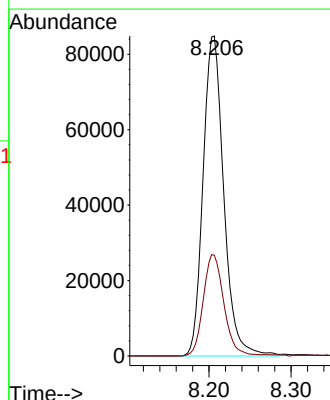
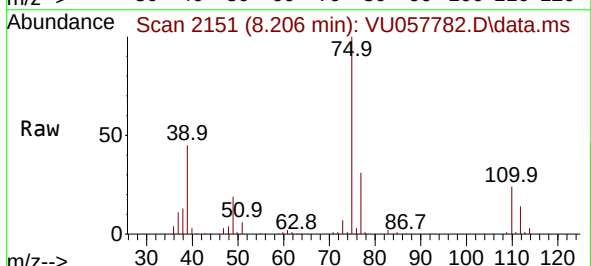
Acq: 01 Feb 2024 16:56

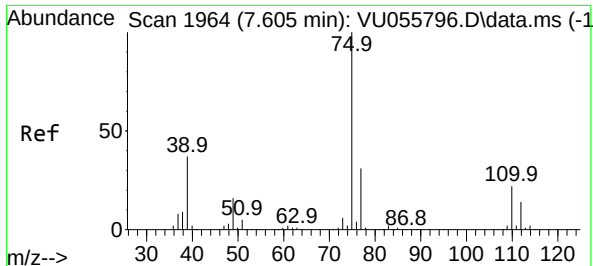
Tgt Ion: 75 Resp: 148747

Ion Ratio Lower Upper

75 100

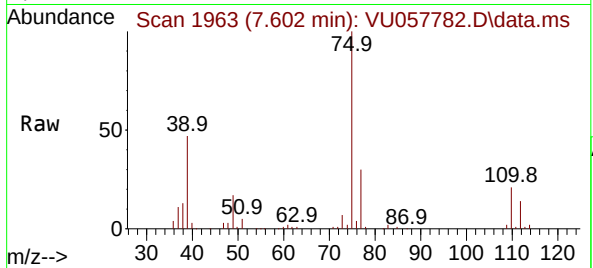
77 31.5 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 10.471 ug/l
 RT: 7.602 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VU057782.D
 Acq: 01 Feb 2024 16:56

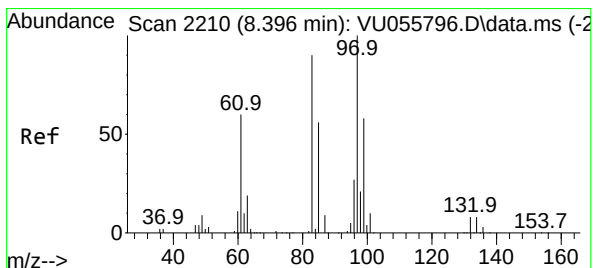
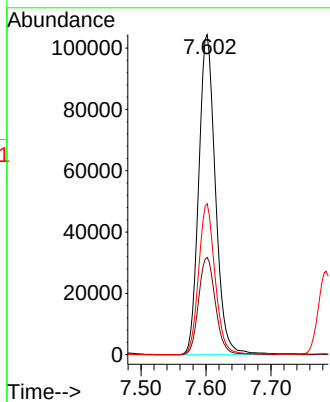
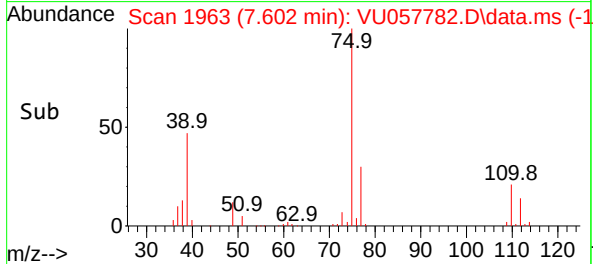
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 186940
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.7 38.5
 39 47.2 32.8 49.2

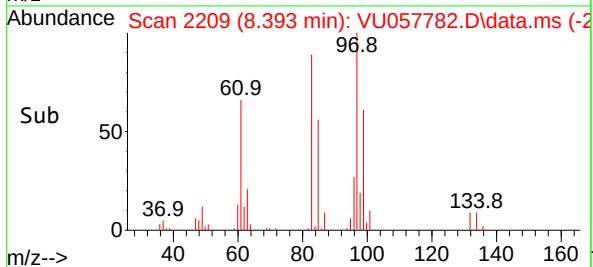
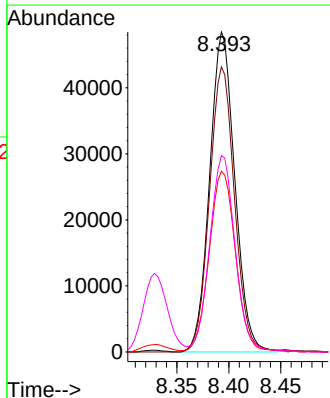
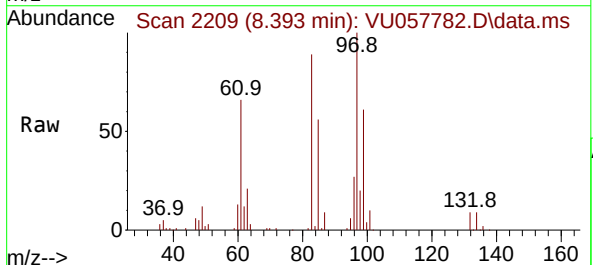
Manual Integrations
 APPROVED

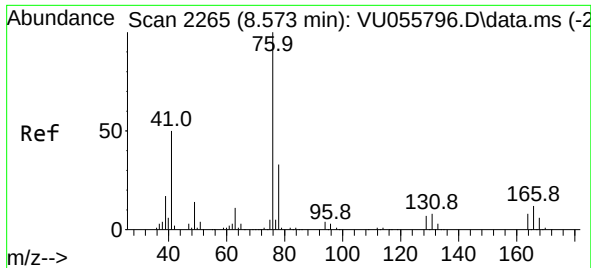
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#52
 1,1,2-Trichloroethane
 Concen: 10.158 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.003 min
 Lab File: VU057782.D
 Acq: 01 Feb 2024 16:56

Tgt Ion: 97 Resp: 81614
 Ion Ratio Lower Upper
 97 100
 83 89.1 71.8 107.8
 85 56.0 45.2 67.8
 99 60.8 50.6 75.8





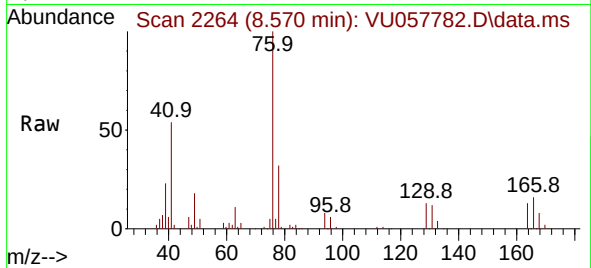
#53
1,3-Dichloropropane
Concen: 10.024 ug/l
RT: 8.570 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

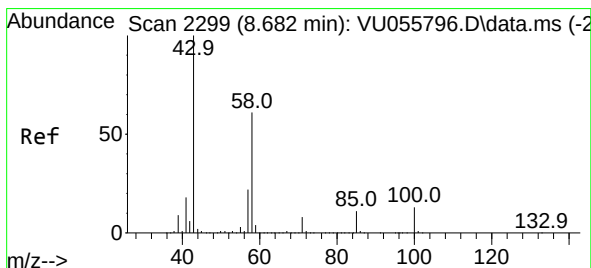
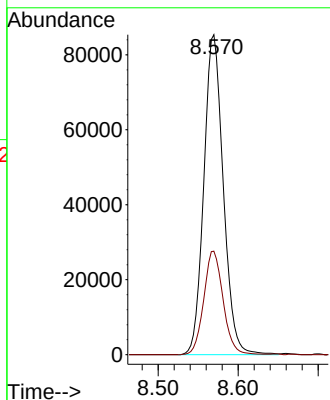
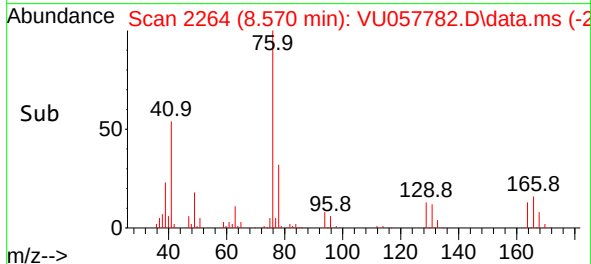


Tgt Ion: 76 Resp: 144750
Ion Ratio Lower Upper
76 100
78 32.2 25.9 38.9

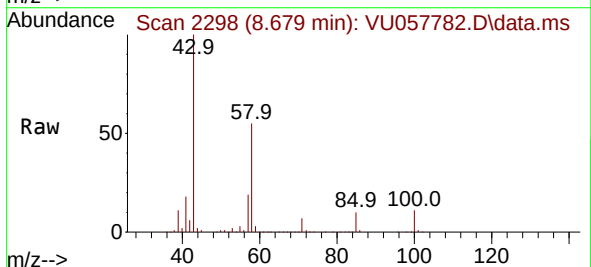
Manual Integrations

APPROVED

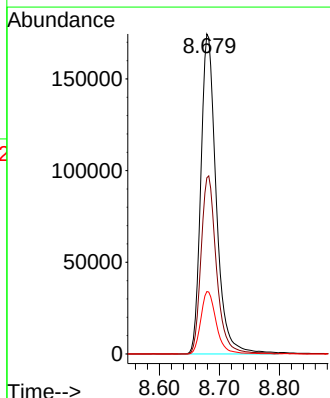
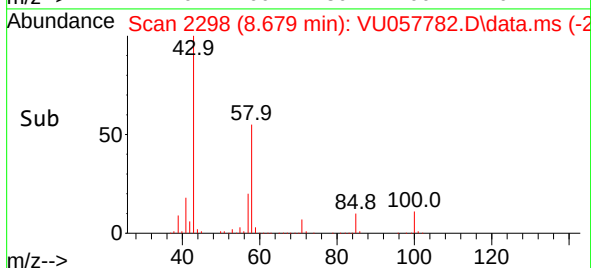
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

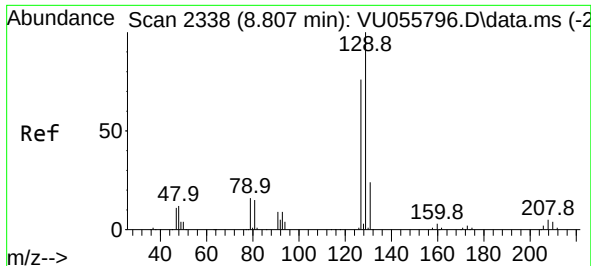


#54
2-Hexanone
Concen: 54.560 ug/l
RT: 8.679 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56



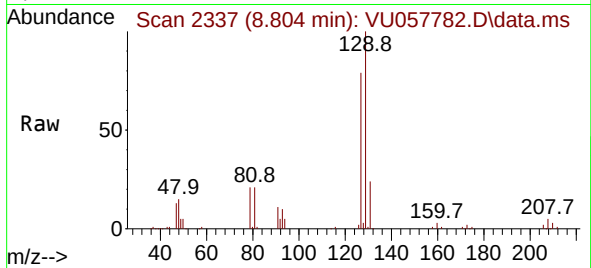
Tgt Ion: 43 Resp: 312108
Ion Ratio Lower Upper
43 100
58 55.9 38.2 78.2
57 19.7 0.0 39.1





#55
Dibromochloromethane
Concen: 10.087 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

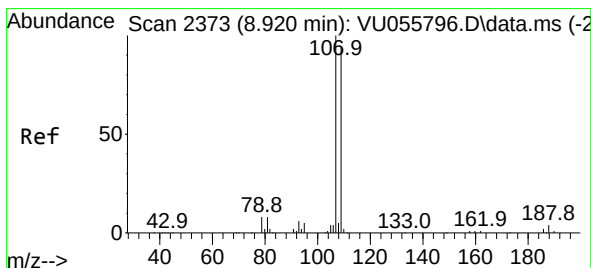
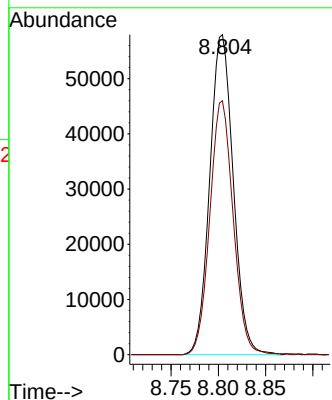
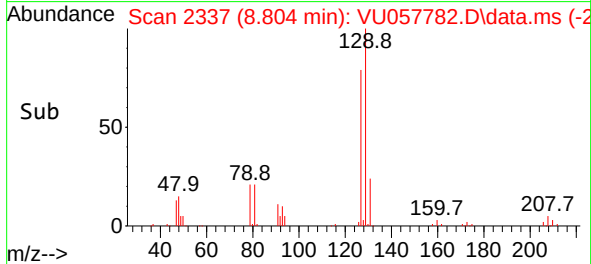
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:129 Resp: 10030
Ion Ratio Lower Upper
129 100
127 78.8 61.4 92.0

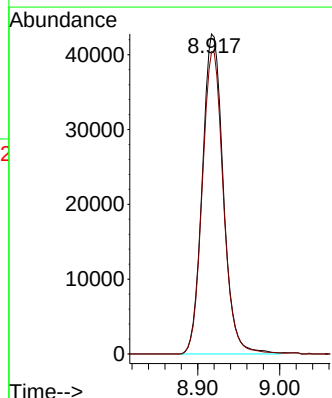
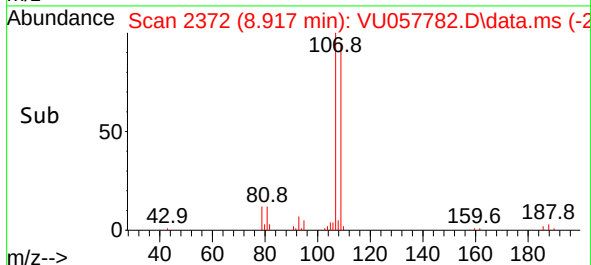
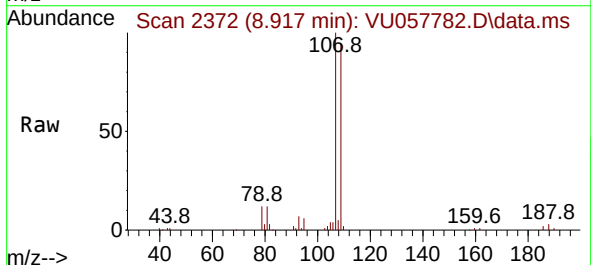
Manual Integrations
APPROVED

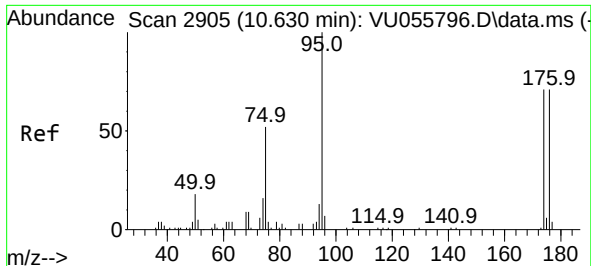
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#56
1,2-Dibromoethane
Concen: 10.296 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

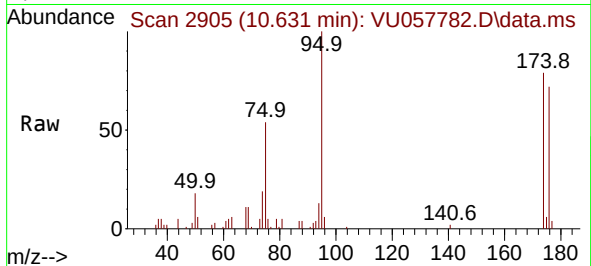
Tgt Ion:107 Resp: 76131
Ion Ratio Lower Upper
107 100
109 95.0 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.973 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

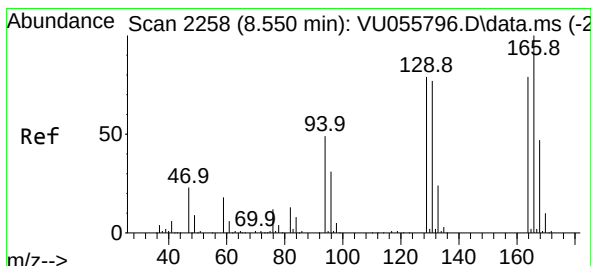
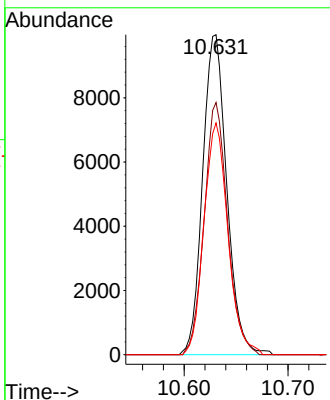
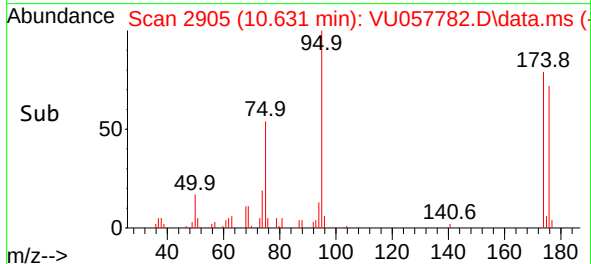
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 16080
Ion Ratio Lower Upper
95 100
174 76.2 63.3 94.9
176 72.2 59.3 88.9

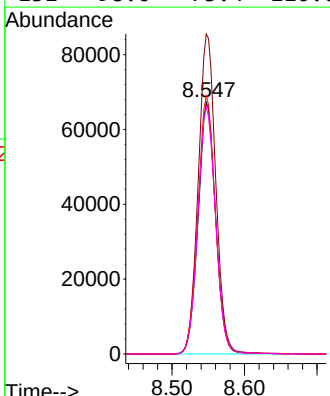
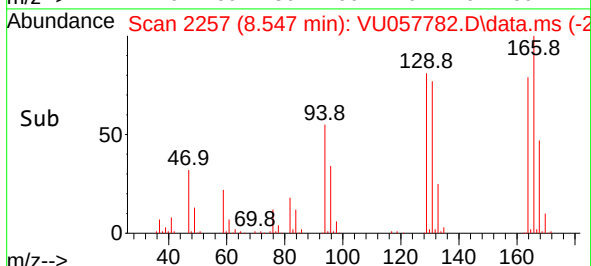
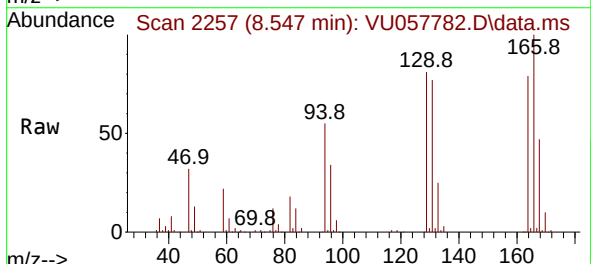
Manual Integrations
APPROVED

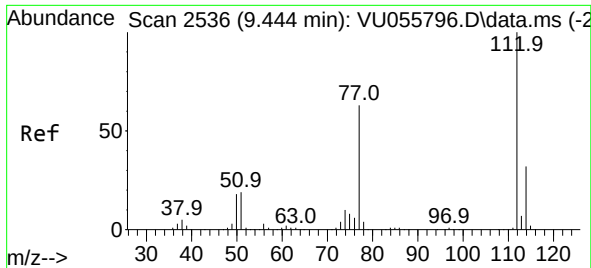
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#58
Tetrachloroethene
Concen: 9.824 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Tgt Ion:164 Resp: 112561
Ion Ratio Lower Upper
164 100
166 127.2 99.6 149.4
129 102.6 78.6 117.8
131 98.0 73.4 110.0





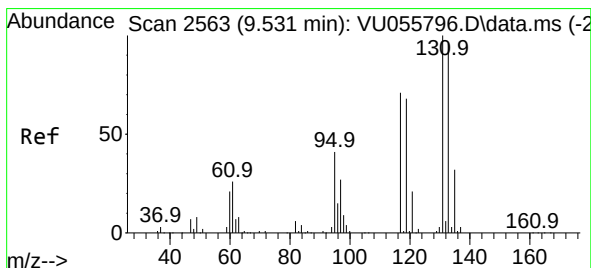
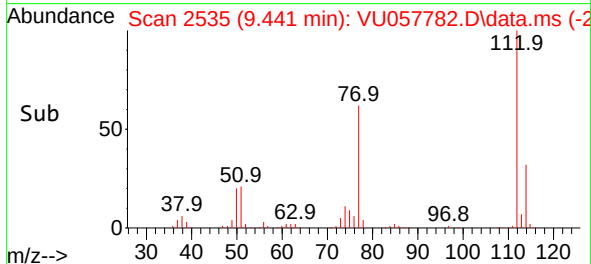
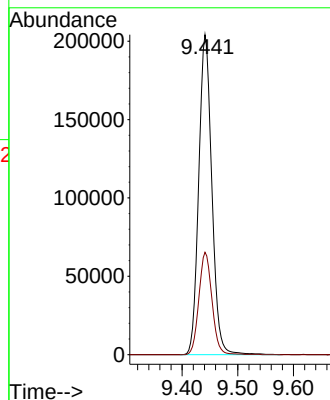
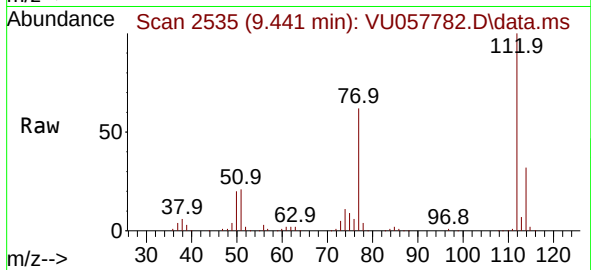
#59
Chlorobenzene
Concen: 10.099 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 333536
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

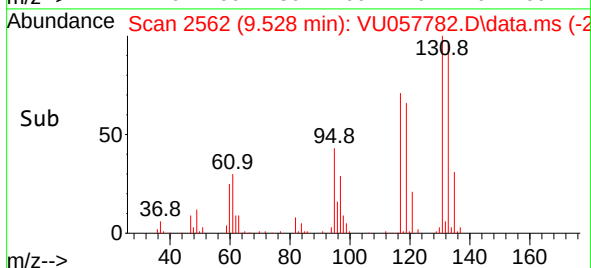
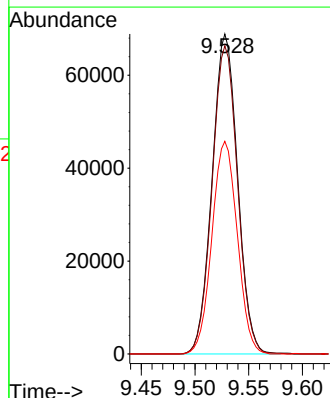
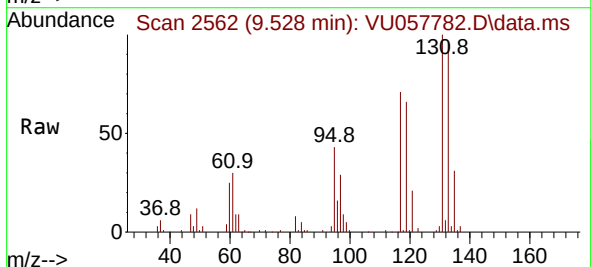
Manual Integrations
APPROVED

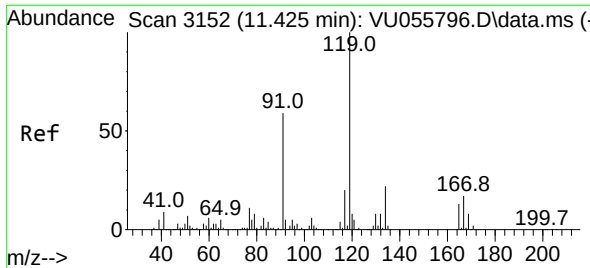
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 10.138 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Tgt Ion:131 Resp: 113665
Ion Ratio Lower Upper
131 100
133 96.3 77.8 116.6
119 66.1 55.2 82.8





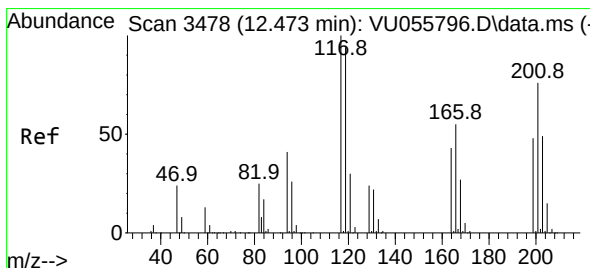
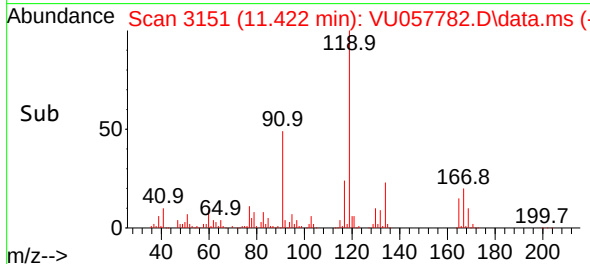
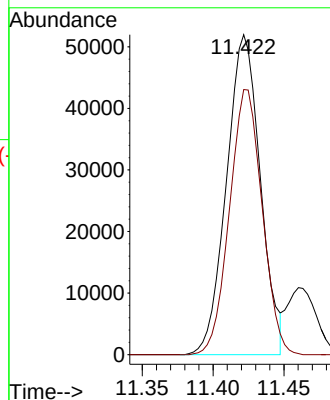
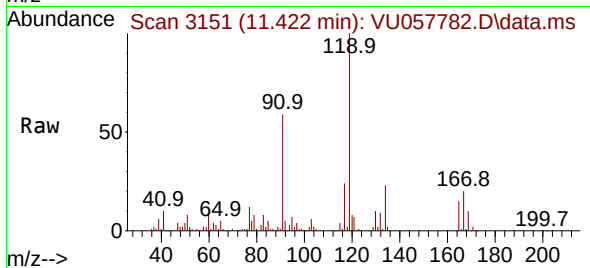
#61
Pentachloroethane
Concen: 10.607 ug/l
RT: 11.422 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 8645
Ion Ratio Lower Upper
117 100
167 79.9 56.7 85.1

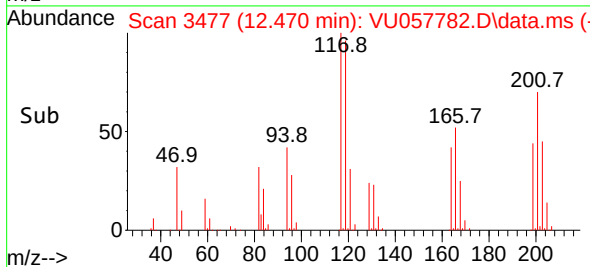
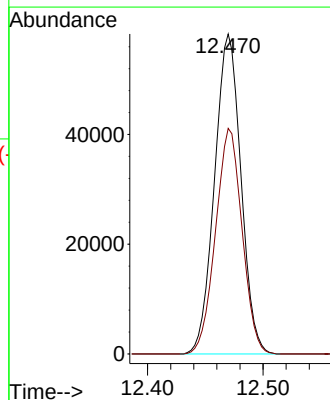
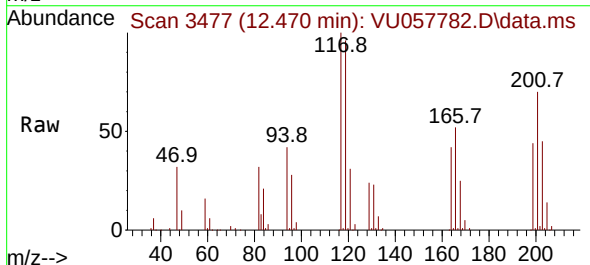
Manual Integrations
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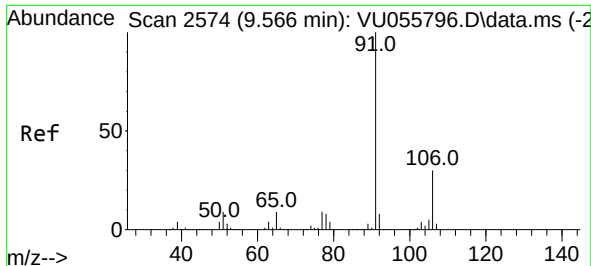
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#62
Hexachloroethane
Concen: 8.666 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Tgt Ion:117 Resp: 92525
Ion Ratio Lower Upper
117 100
201 70.8 59.6 89.4





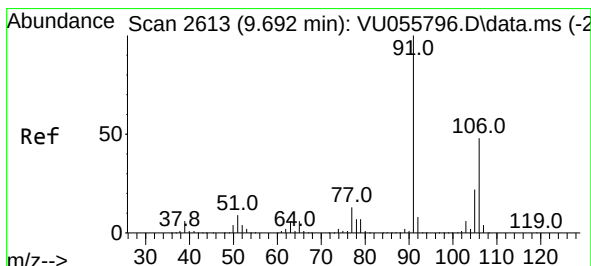
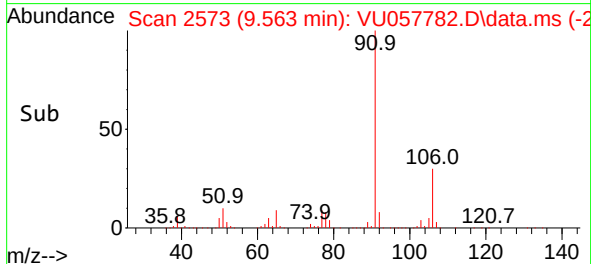
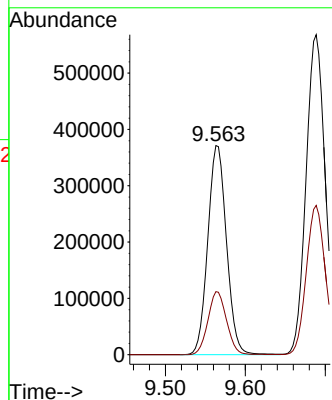
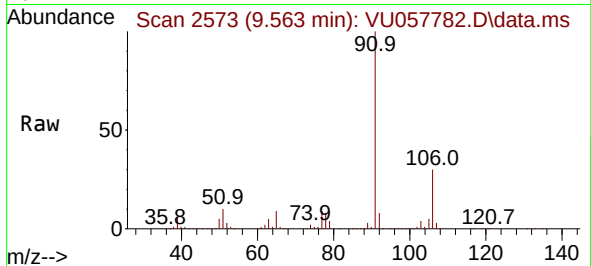
#63
Ethyl Benzene
Concen: 10.286 ug/l
RT: 9.563 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 60414
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2

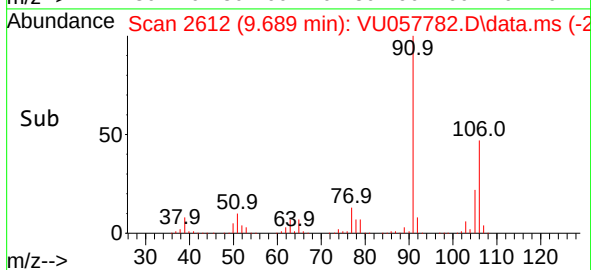
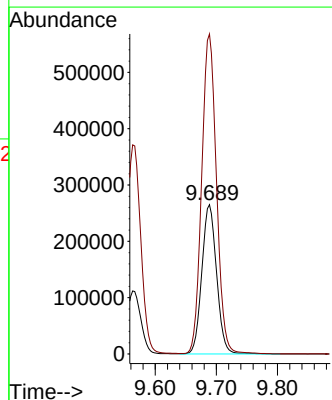
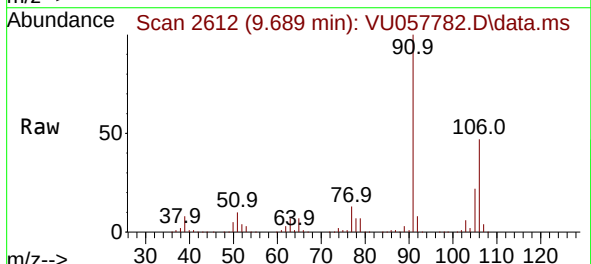
Manual Integrations
APPROVED

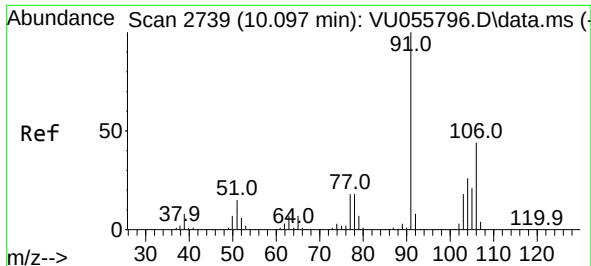
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#64
m/p-Xylenes
Concen: 20.790 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Tgt Ion:106 Resp: 443479
Ion Ratio Lower Upper
106 100
91 215.6 167.3 250.9





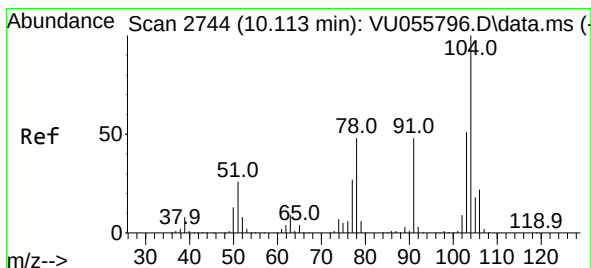
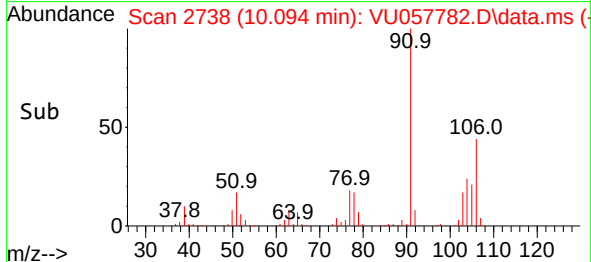
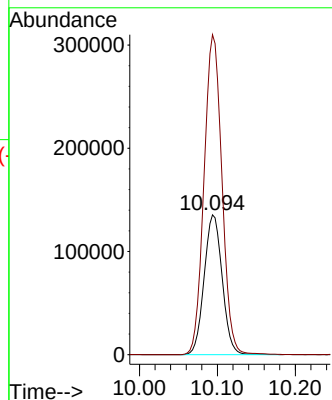
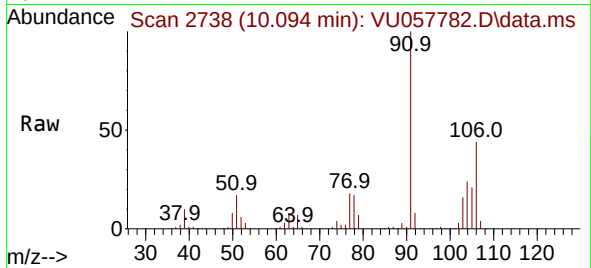
#65
o-Xylene
Concen: 10.319 ug/l
RT: 10.094 min Scan# 21788
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 21788
Ion Ratio Lower Upper
106 100
91 227.7 109.3 327.9

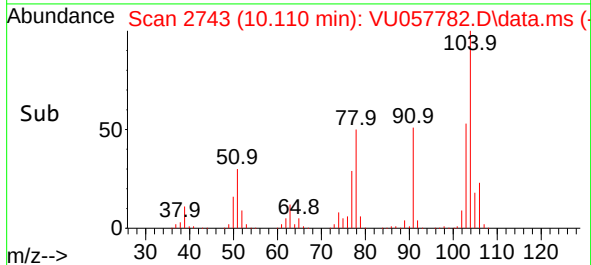
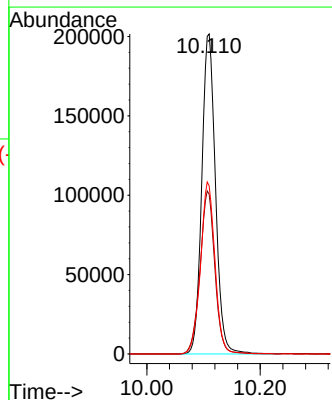
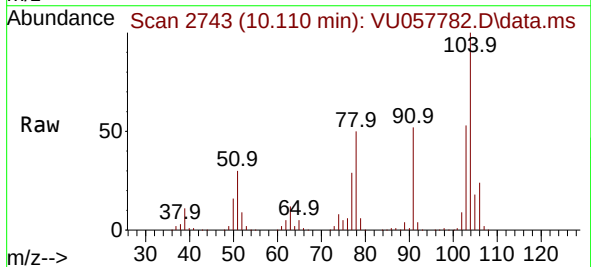
Manual Integrations
APPROVED

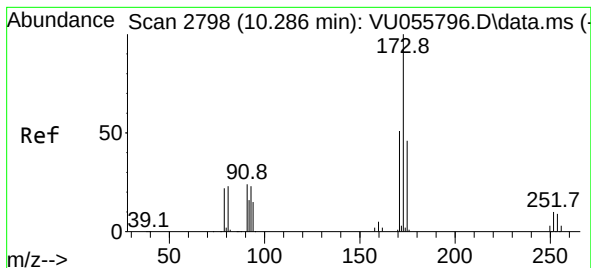
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#66
Styrene
Concen: 10.753 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Tgt Ion:104 Resp: 338875
Ion Ratio Lower Upper
104 100
78 54.8 39.7 59.5
103 56.7 44.8 67.2





#67

Bromoform

Concen: 10.379 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

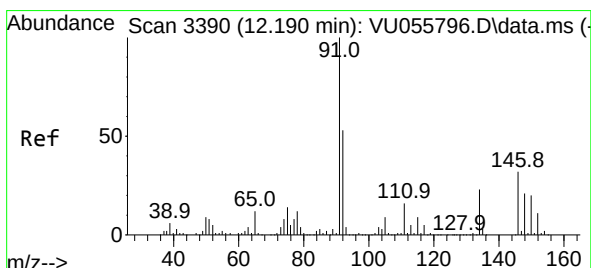
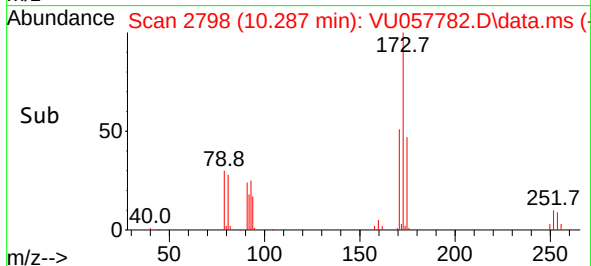
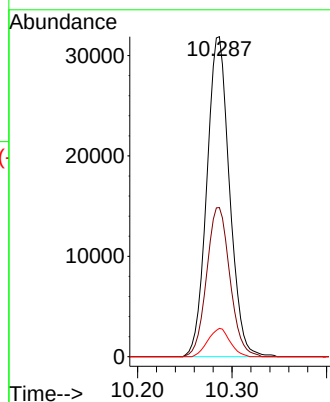
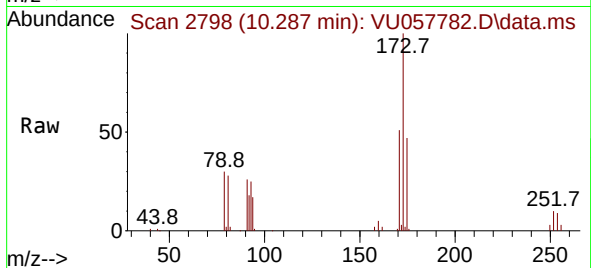
VSTDCCC010EC

Tgt Ion:173	Resp:	5312
Ion Ratio	Lower	Upper
173	100	
175	47.8	39.0 58.6
254	8.6	7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#68

1,2-Dichlorobenzene-d4

Concen: 1.028 ug/l

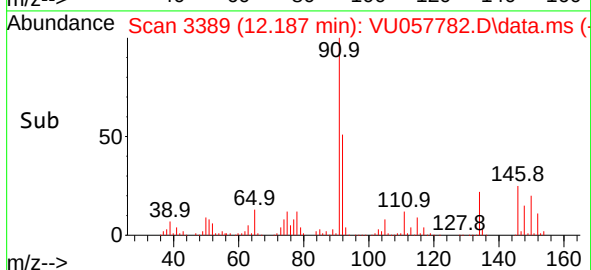
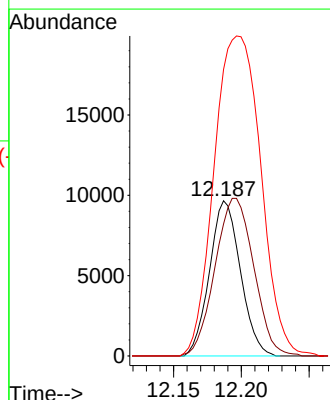
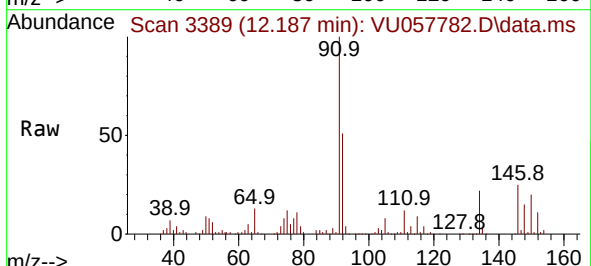
RT: 12.187 min Scan# 3389

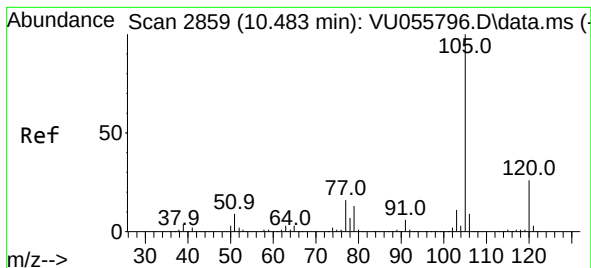
Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Tgt Ion:152	Resp:	15306
Ion Ratio	Lower	Upper
152	100	
115	127.4	0.0 308.8
150	311.8	0.0 635.0





#69

Isopropylbenzene

Concen: 10.463 ug/l

RT: 10.480 min Scan# 2859

Delta R.T. -0.004 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 579190

Ion Ratio Lower Upper

105 100

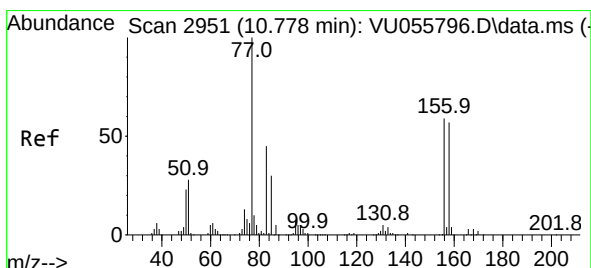
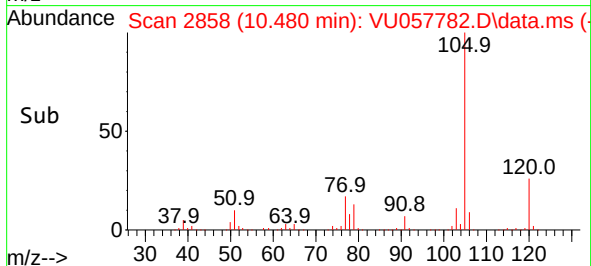
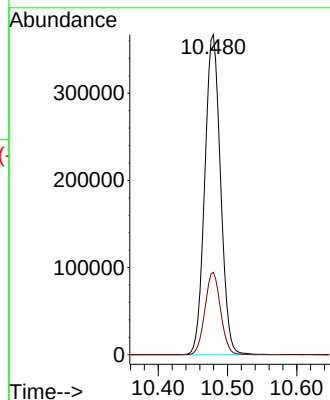
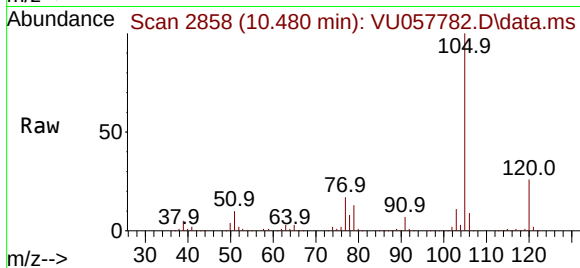
120 25.5 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 10.006 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

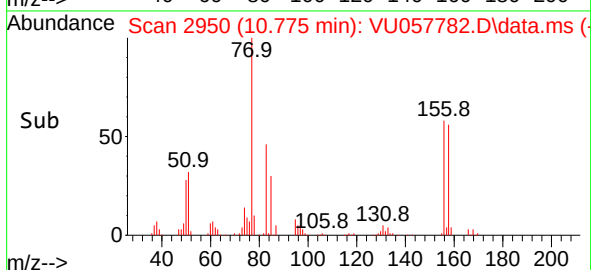
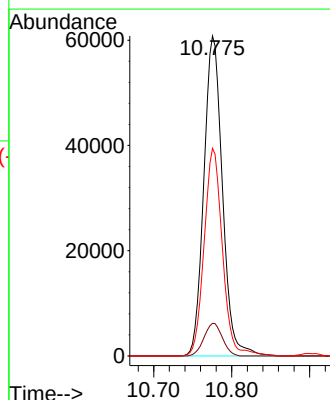
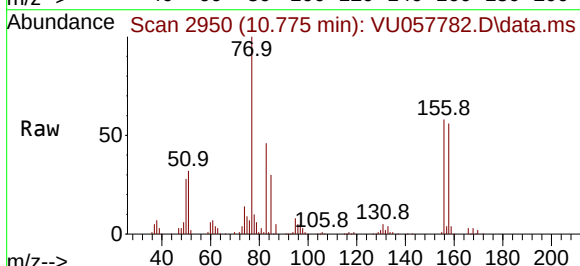
Tgt Ion: 83 Resp: 100757

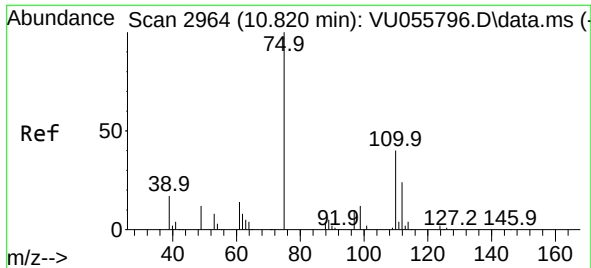
Ion Ratio Lower Upper

83 100

131 10.1 7.2 10.8

85 63.8 50.5 75.7





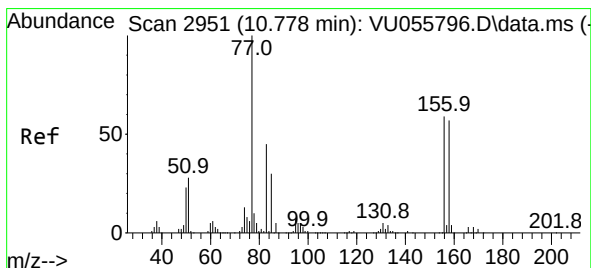
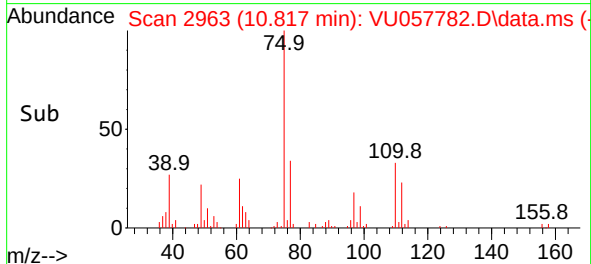
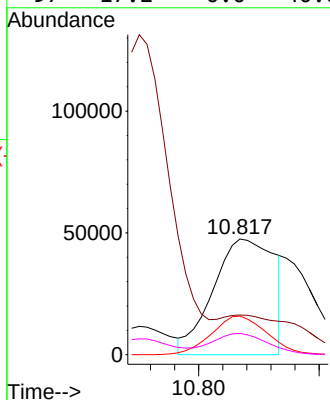
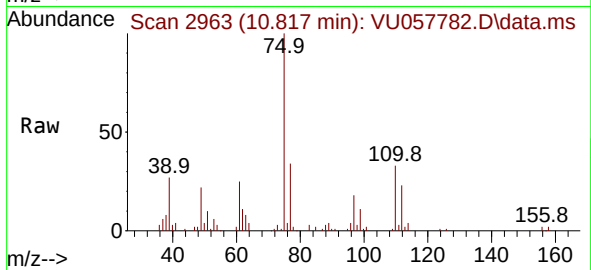
#71
1,2,3-Trichloropropane
Concen: 10.100 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75	Resp: 83972
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 116.4
110 30.2	0.0 74.6
97 17.2	0.0 40.0

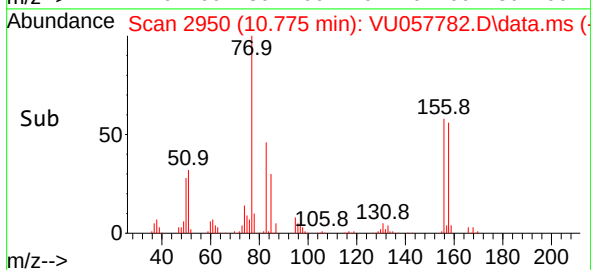
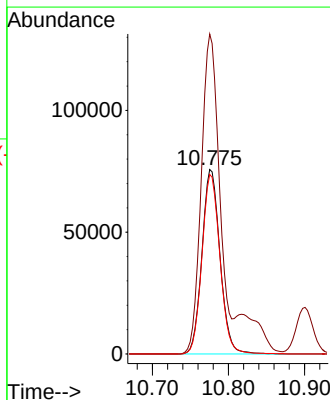
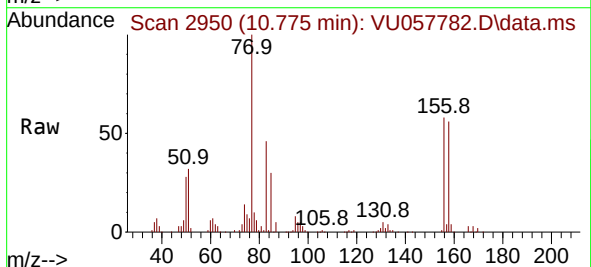
Manual Integrations
APPROVED

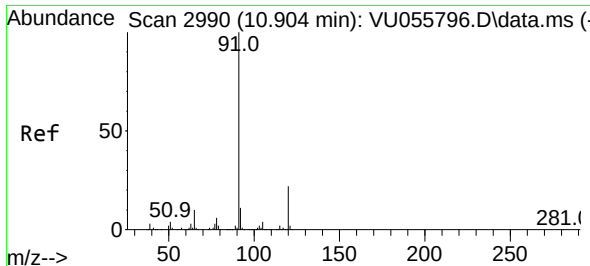
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#72
Bromobenzene
Concen: 10.256 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

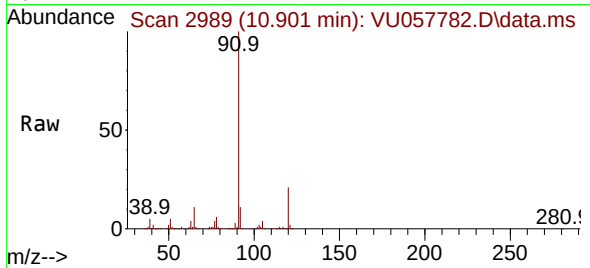
Tgt Ion:156	Resp: 124932
Ion Ratio	Lower Upper
156 100	
77 175.3	0.0 343.0
158 96.9	0.0 194.8





#73
n-propylbenzene
Concen: 10.880 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

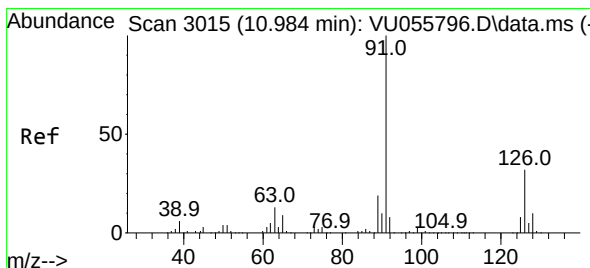
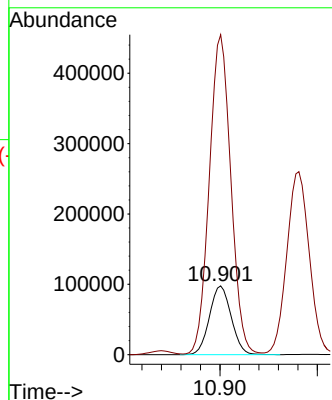
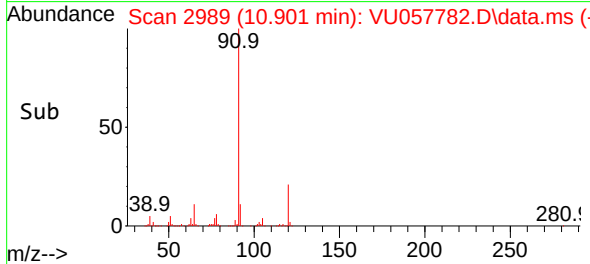
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:120 Resp: 151338
Ion Ratio Lower Upper
120 100
91 459.7 369.8 554.6

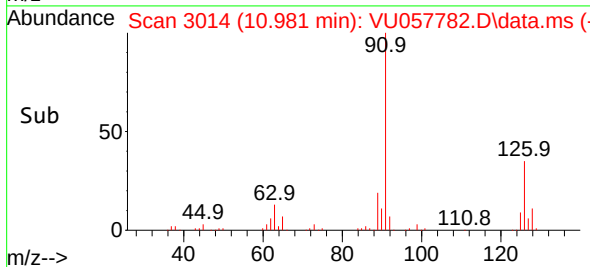
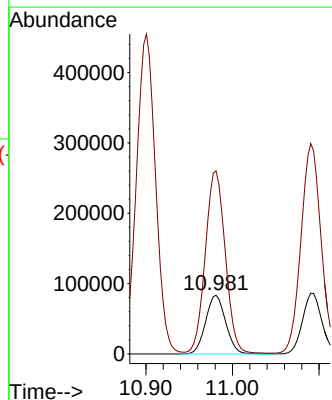
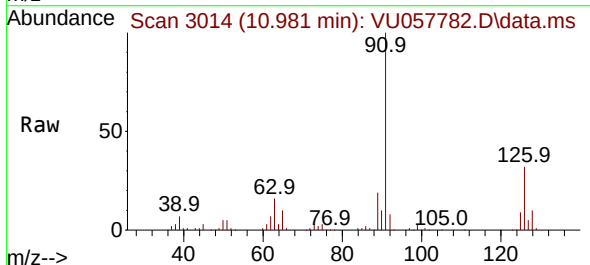
Manual Integrations
APPROVED

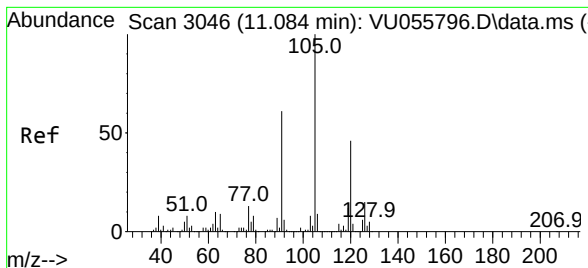
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#74
2-Chlorotoluene
Concen: 10.374 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Tgt Ion:126 Resp: 133860
Ion Ratio Lower Upper
126 100
91 310.6 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 10.232 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 48652

Ion Ratio Lower Upper

105 100

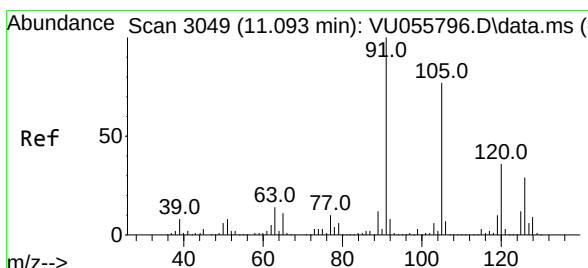
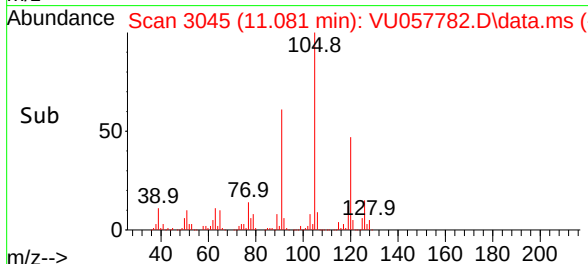
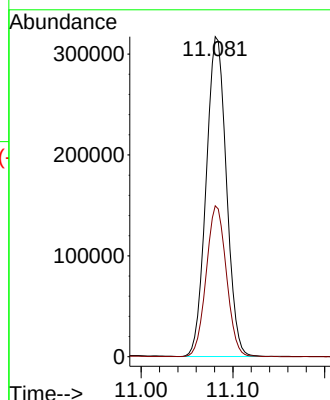
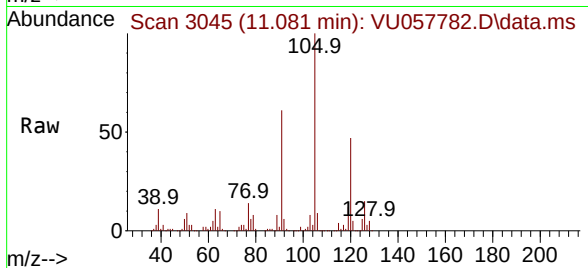
120 46.9 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#76

4-Chlorotoluene

Concen: 10.334 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VU057782.D

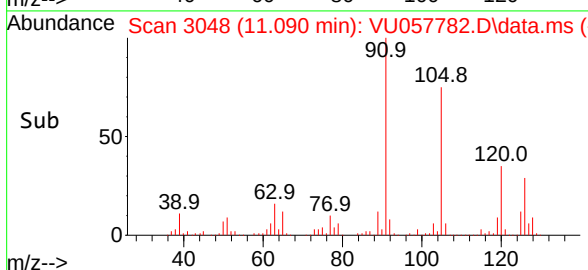
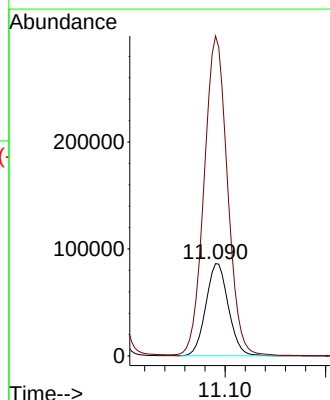
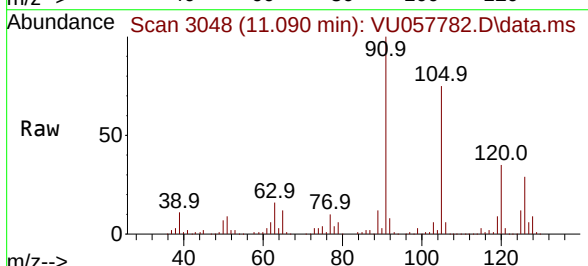
Acq: 01 Feb 2024 16:56

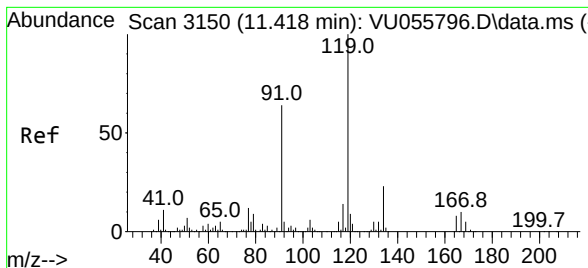
Tgt Ion:126 Resp: 134018

Ion Ratio Lower Upper

126 100

91 360.7 0.0 686.2





#77

tert-Butylbenzene

Concen: 10.087 ug/l

RT: 11.415 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 450069

Ion Ratio Lower Upper

119 100

91 63.1 30.8 92.4

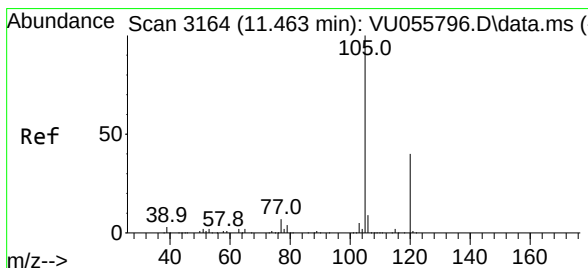
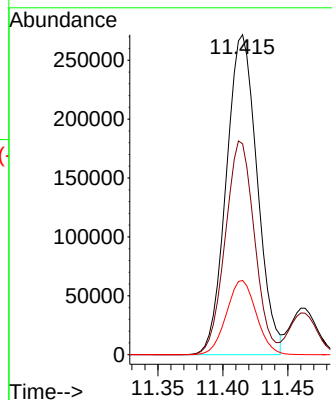
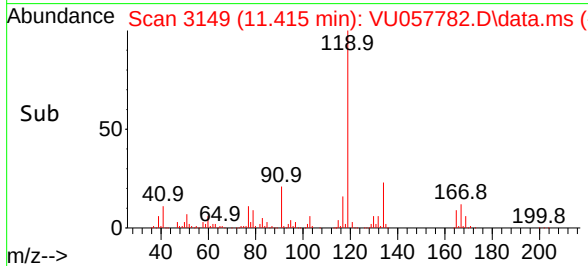
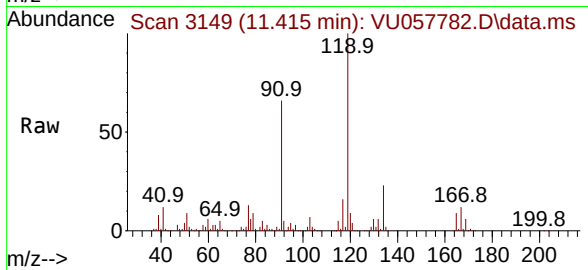
134 22.4 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#78

1,2,4-Trimethylbenzene

Concen: 10.271 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU057782.D

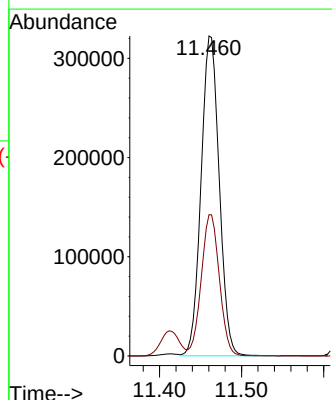
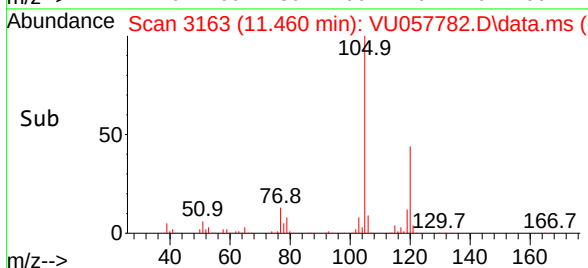
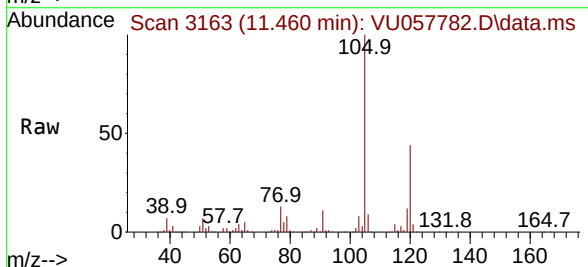
Acq: 01 Feb 2024 16:56

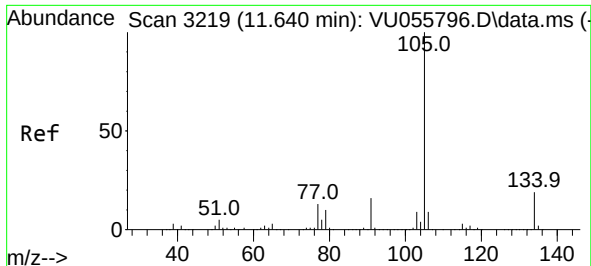
Tgt Ion:105 Resp: 495326

Ion Ratio Lower Upper

105 100

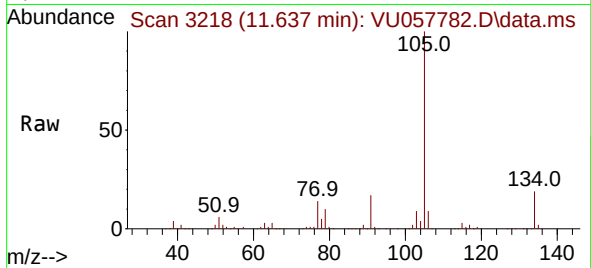
120 44.0 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 9.966 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057782.D
 Acq: 01 Feb 2024 16:56

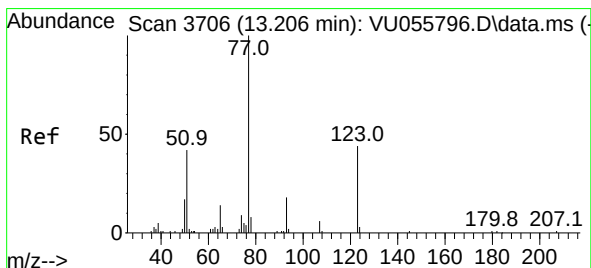
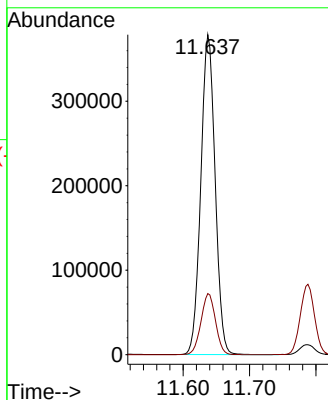
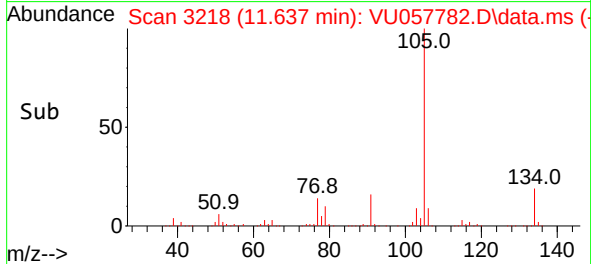
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 568390
 Ion Ratio Lower Upper
 105 100
 134 19.4 14.9 22.3

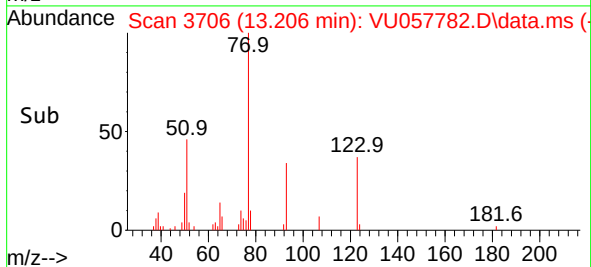
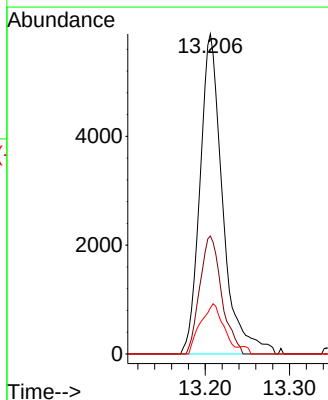
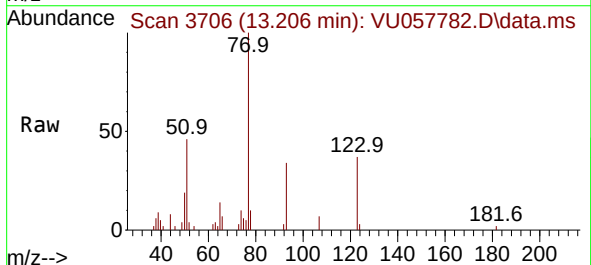
Manual Integrations
 APPROVED

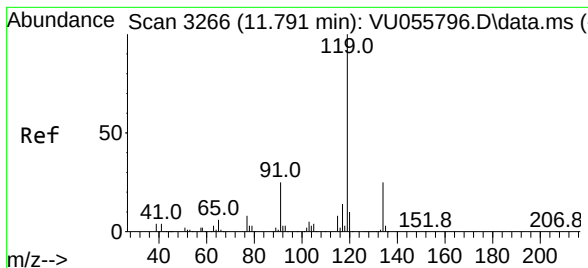
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#80
 Nitrobenzene
 Concen: 43.642 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.000 min
 Lab File: VU057782.D
 Acq: 01 Feb 2024 16:56

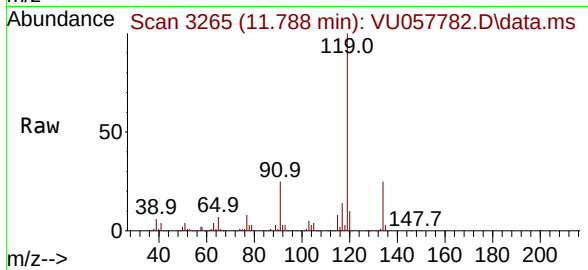
Tgt Ion: 77 Resp: 11009
 Ion Ratio Lower Upper
 77 100
 123 35.5 19.7 69.7
 65 14.1 11.5 14.7





#81
p-Isopropyltoluene
Concen: 10.264 ug/l
RT: 11.788 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

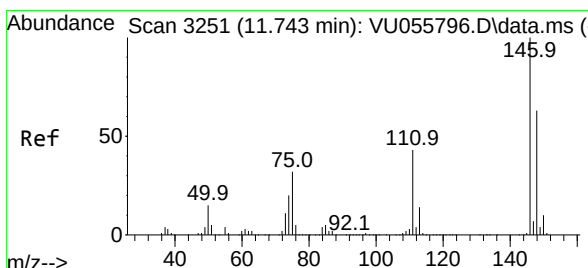
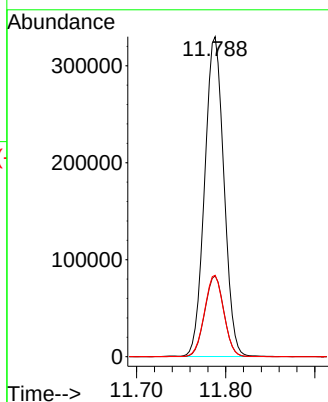
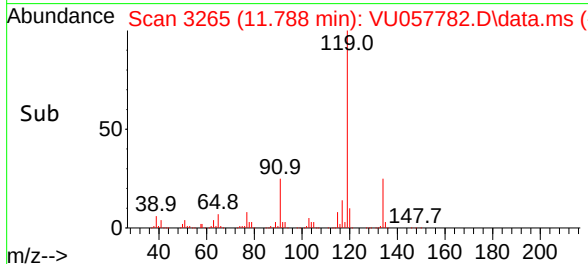
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



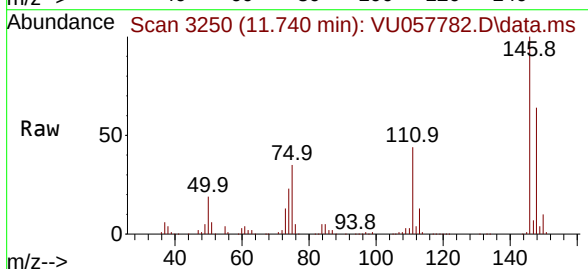
Tgt Ion:119 Resp: 493530
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.4
91 25.6 19.3 28.9

Manual Integrations
APPROVED

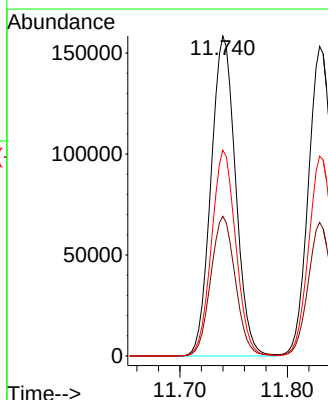
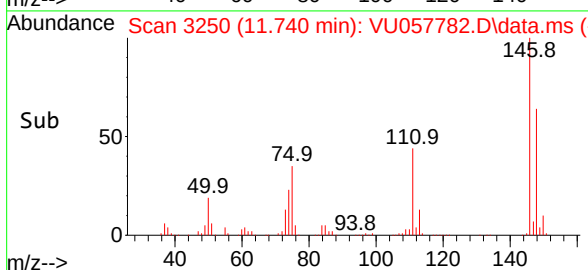
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

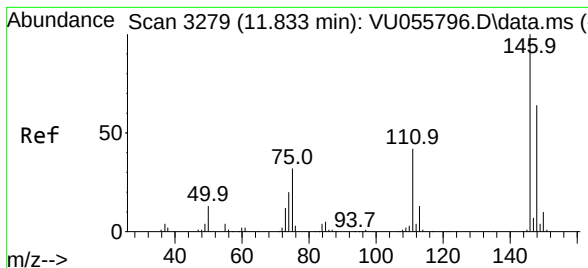


#82
1,3-Dichlorobenzene
Concen: 10.233 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56



Tgt Ion:146 Resp: 252010
Ion Ratio Lower Upper
146 100
111 43.6 32.6 49.0
148 63.6 51.0 76.4





#83

1,4-Dichlorobenzene

Concen: 10.184 ug/l

RT: 11.830 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057782.D

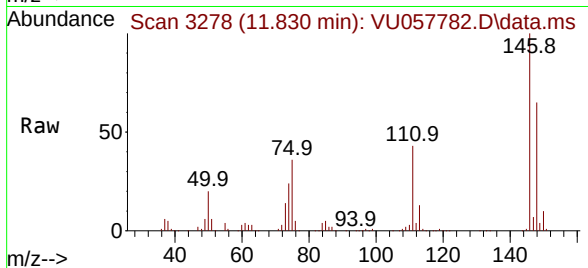
Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion:146 Resp: 244830

Ion Ratio Lower Upper

146 100

111 42.2 31.6 47.4

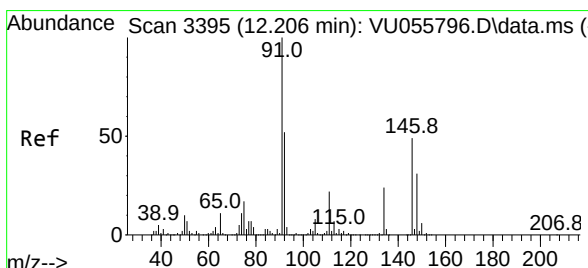
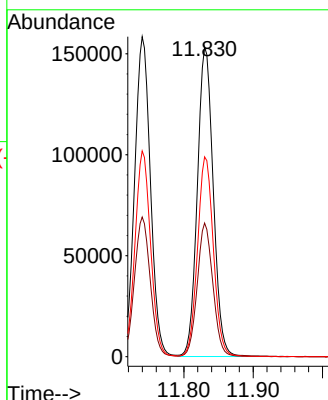
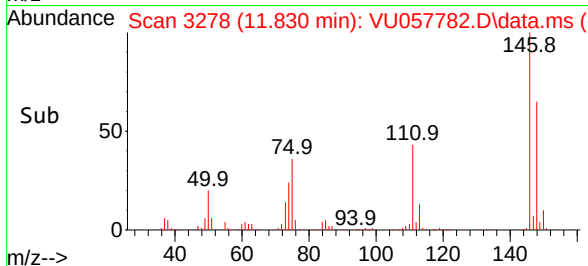
148 64.3 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#84

n-Butylbenzene

Concen: 10.646 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

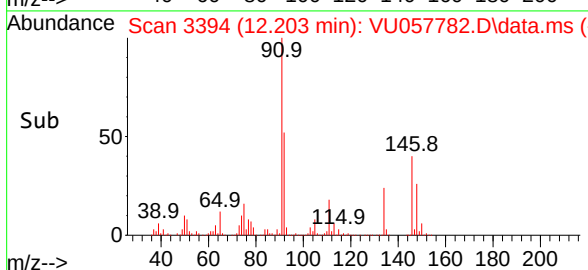
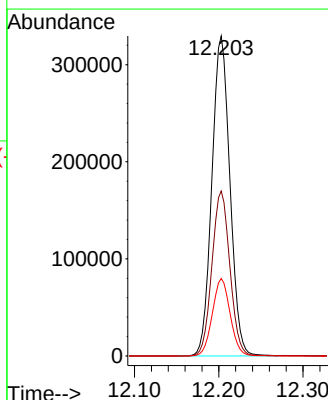
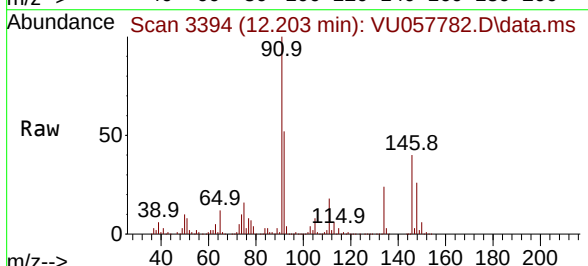
Tgt Ion: 91 Resp: 489557

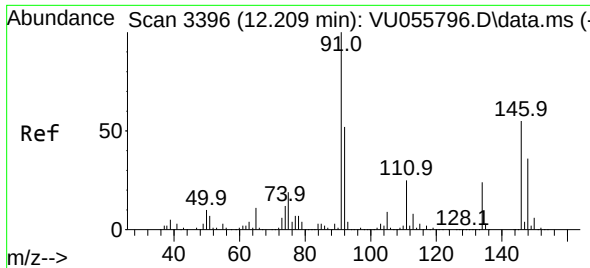
Ion Ratio Lower Upper

91 100

92 51.3 40.8 61.2

134 23.9 18.4 27.6





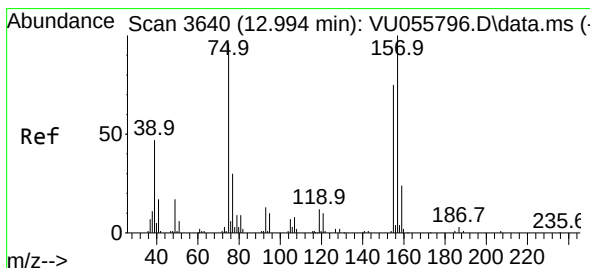
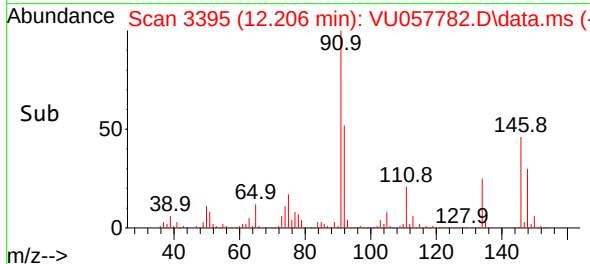
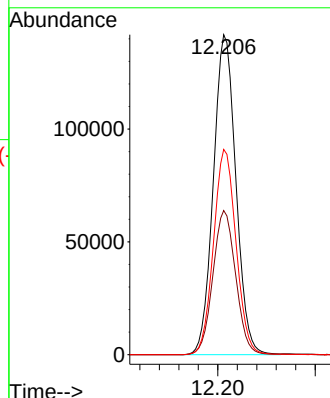
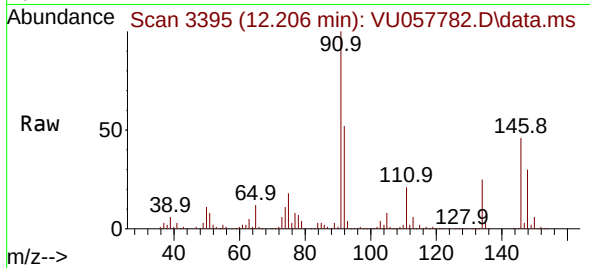
#85
1,2-Dichlorobenzene
Concen: 10.198 ug/l
RT: 12.206 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 227880
Ion Ratio Lower Upper
146 100
111 45.7 21.6 64.6
148 64.0 32.1 96.5

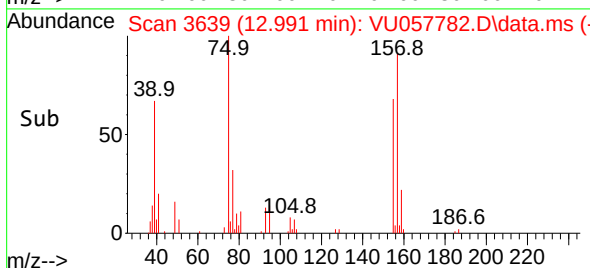
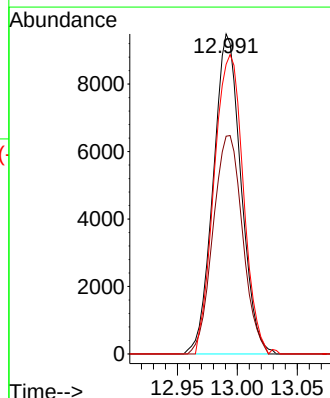
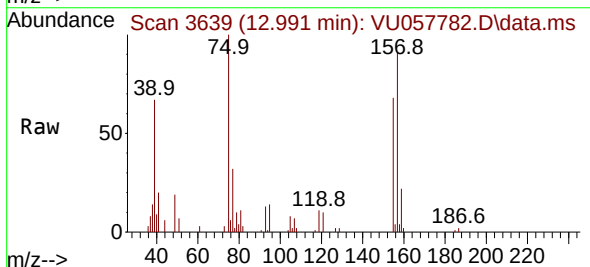
Manual Integrations
APPROVED

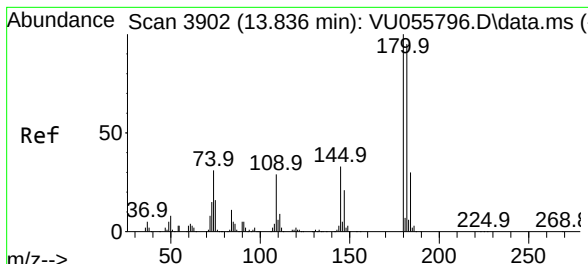
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.280 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

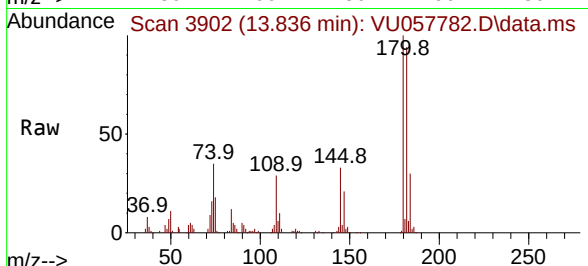
Tgt Ion: 75 Resp: 15226
Ion Ratio Lower Upper
75 100
155 72.6 61.8 92.8
157 98.6 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 10.944 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56

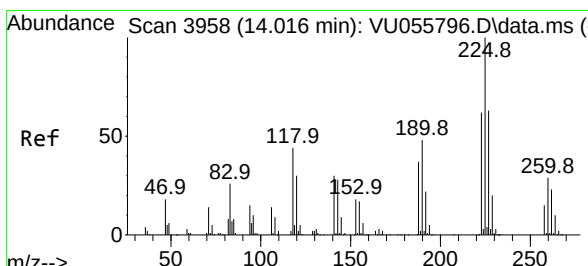
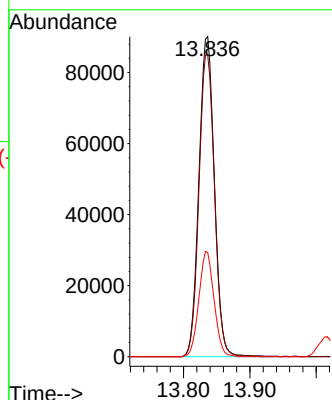
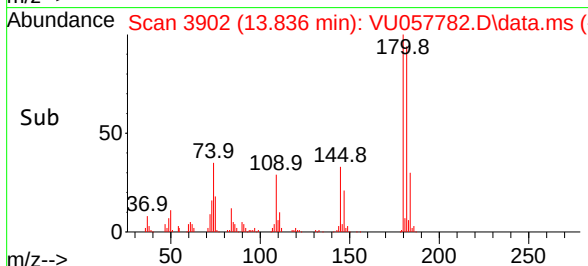
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



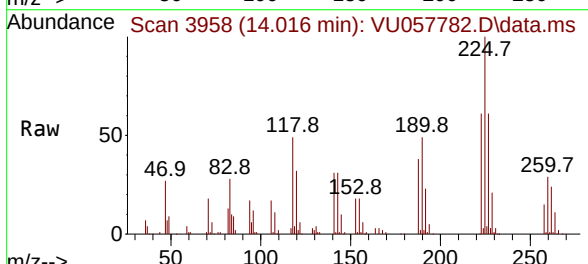
Tgt Ion:180 Resp: 146125
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
145 32.1 23.9 35.9

Manual Integrations
APPROVED

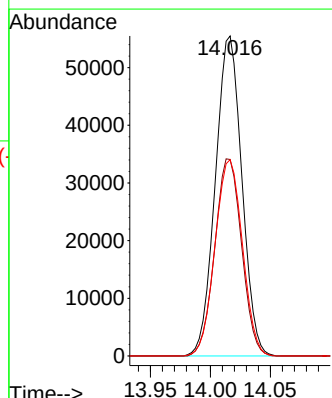
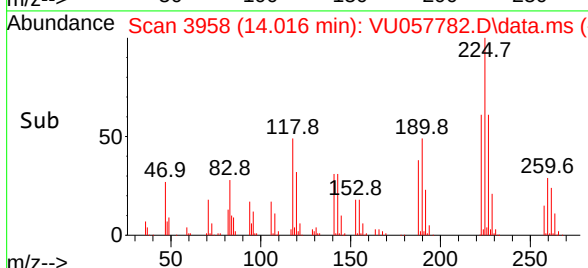
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

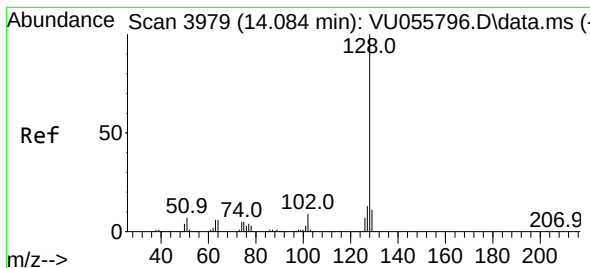


#88
Hexachlorobutadiene
Concen: 9.955 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU057782.D
Acq: 01 Feb 2024 16:56



Tgt Ion:225 Resp: 85280
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.4
227 63.4 51.5 77.3





#89

Naphthalene

Concen: 10.084 ug/l

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Instrument :

MSVOA_U

ClientSampleId :

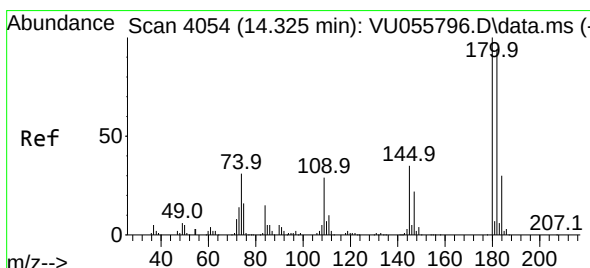
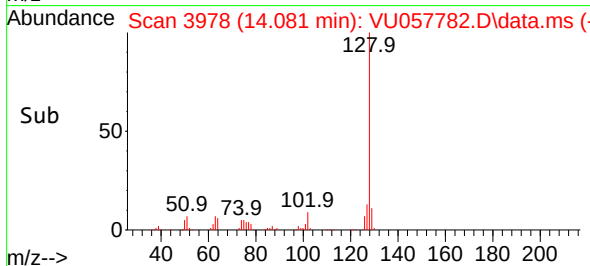
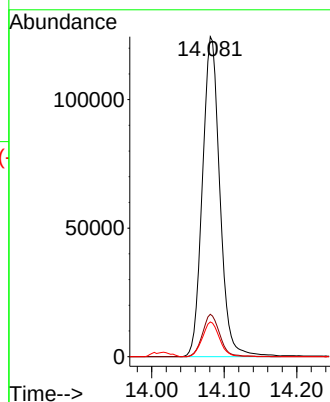
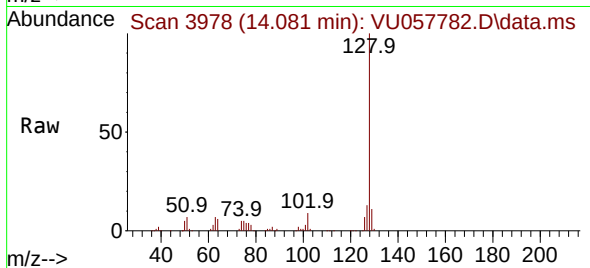
VSTDCCC010EC

Tgt Ion:128	Resp: 20784
Ion Ratio	Lower Upper
128 100	
127 13.1	10.9 16.3
129 10.6	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#90

1,2,3-Trichlorobenzene

Concen: 10.330 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057782.D

Acq: 01 Feb 2024 16:56

Tgt Ion:180	Resp: 114738
Ion Ratio	Lower Upper
180 100	
182 96.5	75.7 113.5
145 34.7	26.1 39.1

