

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013124\
 Data File : VU057759.D
 Acq On : 31 Jan 2024 11:12
 Operator : MD/SY
 Sample : VSTDICC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

Quant Time: Jan 31 11:33:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jan 31 11:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	42092	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	15998	0.964	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	13812	0.897	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	12333	0.755	ug/l	96
3) Chloromethane	1.518	50	11480	0.822	ug/l	98
4) Vinyl Chloride	1.602	62	11389	0.795	ug/l	96
5) Bromomethane	1.856	94	7308	0.927	ug/l	93
6) Chloroethane	1.933	64	7842	1.131	ug/l	96
7) Trichlorofluoromethane	2.136	101	17339	0.918	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	9425	0.749	ug/l	96
9) 1,1-Dichloroethene	2.576	96	9103	0.775	ug/l	94
10) Iodomethane	2.718	142	9722	0.556	ug/l	92
11) Allyl Chloride	2.920	41	11857	0.777	ug/l	89
12) Acrylonitrile	3.345	53	3099	1.405	ug/l	# 77
13) Acetone	2.650	43	11962	2.542	ug/l	93
14) Carbon Disulfide	2.788	76	28367	0.740	ug/l	98
15) Methylene Chloride	3.042	84	11014	0.795	ug/l	98
16) trans-1,2-Dichloroethene	3.351	96	9452	0.760	ug/l	91
17) 1,1-Dichloroethane	3.866	63	18202	0.787	ug/l	99
18) 2-Butanone	4.730	43	13965m	2.754	ug/l	
19) Cyclohexane	5.383	56	14441	0.732	ug/l	90
20) Methylcyclohexane	6.756	83	17435	0.850	ug/l	97
21) 2,2-Dichloropropane	4.660	77	15550	0.798	ug/l	98
22) cis-1,2-Dichloroethene	4.666	96	10266	0.774	ug/l	90
23) Diethyl Ether	2.374	59	6507	0.927	ug/l	97
24) tert-Butyl Alcohol	3.255	59	7449m	10.348	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	20090	0.795	ug/l	95
26) Bromochloromethane	4.965	128	4270	0.760	ug/l	95
27) Chloroform	5.081	83	19735	0.831	ug/l	95
28) 1,1,1-Trichloroethane	5.309	97	16656	0.783	ug/l	96
29) 1,1-Dichloropropene	5.525	75	14022	0.832	ug/l	96
30) Carbon Tetrachloride	5.518	117	14653	0.789	ug/l	95
31) Isopropyl Ether	3.985	45	27100	0.872	ug/l	96
32) Ethyl-t-butyl ether	4.496	59	24105	0.803	ug/l	96
33) Tert-Amyl methyl ether	5.936	73	20664	0.803	ug/l	98
34) Propionitrile	4.820	54	2848m	3.550	ug/l	
35) Benzene	5.772	78	40112	0.786	ug/l	96
36) 1,2-Dichloroethane	5.795	62	11636	0.839	ug/l	96
37) Trichloroethene	6.541	130	10906	0.821	ug/l	99
38) 1,2-Dichloropropane	6.785	63	10333	0.775	ug/l	99
39) Methacrylonitrile	4.994	41	2266m	0.758	ug/l	
40) Methyl acrylate	4.882	55	2795m	1.018	ug/l	
41) Tetrahydrofuran	5.071	42	2540	1.499	ug/l	# 88
42) 1-Chlorobutane	5.457	56	18077	0.804	ug/l	88
43) Dibromomethane	6.917	93	4835	0.763	ug/l	95
44) Bromodichloromethane	7.103	83	13239	0.790	ug/l	99

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jan 31 11:23:13 2024
 Response via : Initial Calibration

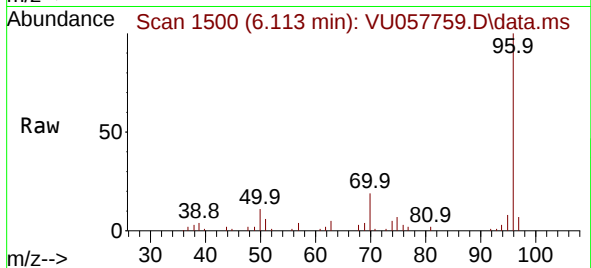
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	23264	3.549	ug/l	97
46) t-1,4-Dichloro-2-butene	10.840	75	1795m	0.688	ug/l	
47) Methyl methacrylate	6.965	69	8141	1.557	ug/l #	91
48) Ethyl methacrylate	8.335	69	8008	1.151	ug/l	94
49) Toluene	7.968	92	24127	0.798	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	10753	0.725	ug/l	91
51) cis-1,3-Dichloropropene	7.605	75	14026	0.773	ug/l	95
52) 1,1,2-Trichloroethane	8.396	97	6463	0.714	ug/l	95
53) 1,3-Dichloropropane	8.573	76	12115	0.783	ug/l	95
54) 2-Hexanone	8.688	43	20308	2.765	ug/l	99
55) Dibromochloromethane	8.807	129	7848	0.718	ug/l	97
56) 1,2-Dibromoethane	8.920	107	5845	0.707	ug/l	94
58) Tetrachloroethene	8.550	164	9610	0.696	ug/l	94
59) Chlorobenzene	9.447	112	25964	0.778	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.528	131	9060	0.762	ug/l	97
61) Pentachloroethane	11.425	117	6221	0.773	ug/l	95
62) Hexachloroethane	12.470	117	6512	1.001	ug/l	95
63) Ethyl Benzene	9.566	91	45885	0.810	ug/l	100
64) m/p-Xylenes	9.692	106	34107	1.566	ug/l	94
65) o-Xylene	10.097	106	16513	0.773	ug/l	95
66) Styrene	10.113	104	22614	0.677	ug/l	95
67) Bromoform	10.287	173	3689	0.629	ug/l	96
69) Isopropylbenzene	10.479	105	41803	0.760	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	8352	0.789	ug/l	95
71) 1,2,3-Trichloropropane	10.820	75	6743m	0.768	ug/l	
72) Bromobenzene	10.782	156	9664	0.736	ug/l	83
73) n-propylbenzene	10.904	120	10166	1.020	ug/l	91
74) 2-Chlorotoluene	10.984	126	9839	0.746	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	36741	1.047	ug/l	99
76) 4-Chlorotoluene	11.097	126	10094	0.751	ug/l	99
77) tert-Butylbenzene	11.415	119	35379	1.119	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	36908	1.063	ug/l	100
79) sec-Butylbenzene	11.640	105	45374	1.154	ug/l	99
80) Nitrobenzene	13.232	77	654m	4.690	ug/l	
81) p-Isopropyltoluene	11.788	119	36880	1.180	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	19493	0.728	ug/l	98
83) 1,4-Dichlorobenzene	11.836	146	19295	0.744	ug/l	98
84) n-Butylbenzene	12.206	91	33347	1.221	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	17277	0.706	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1071	0.709	ug/l	93
87) 1,2,4-Trichlorobenzene	13.839	180	9930	1.041	ug/l	98
88) Hexachlorobutadiene	14.016	225	6800	0.736	ug/l	98
89) Naphthalene	14.090	128	14218	1.194	ug/l #	95
90) 1,2,3-Trichlorobenzene	14.328	180	8156	1.036	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

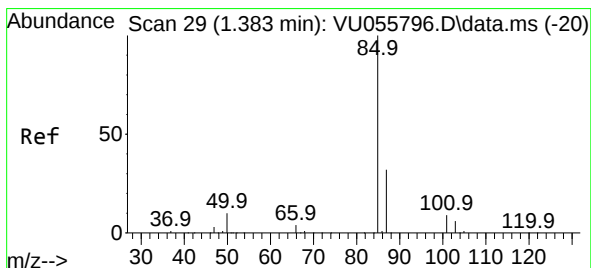
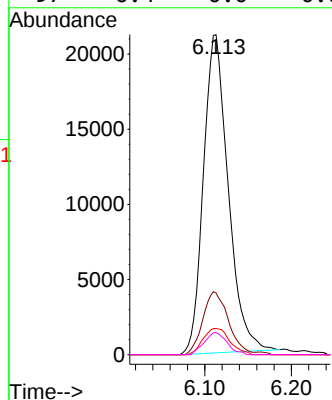
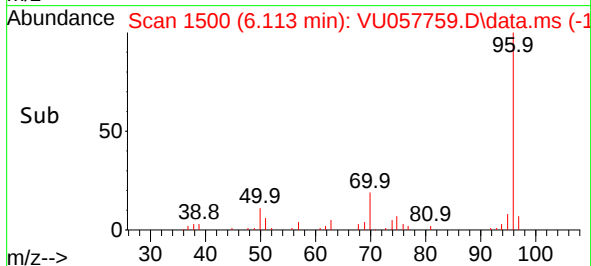
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 96 Resp: 42092
Ion Ratio Lower Upper
96 100
70 19.5 16.5 24.7
95 8.9 7.4 11.0
97 6.4 0.0 0.0#

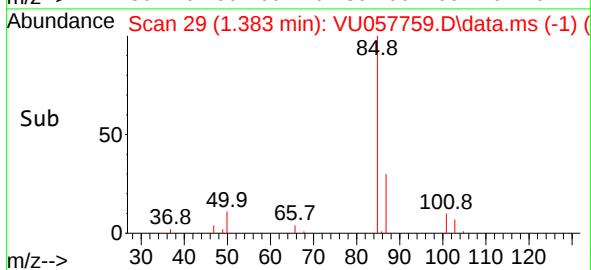
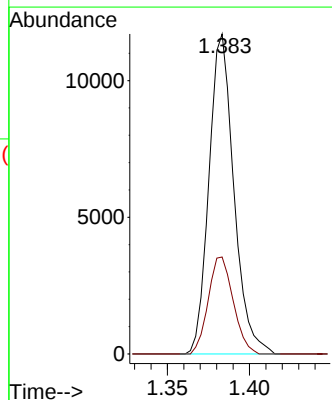
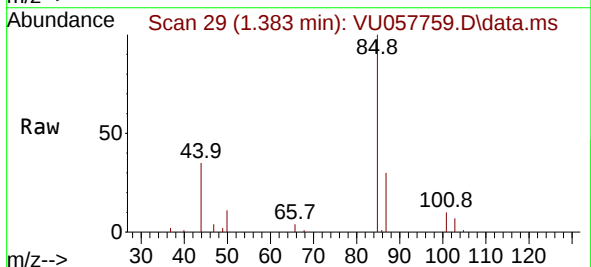
Manual Integrations
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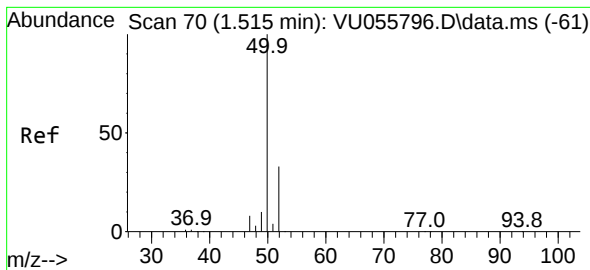
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#2
Dichlorodifluoromethane
Concen: 0.755 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Tgt Ion: 85 Resp: 12333
Ion Ratio Lower Upper
85 100
87 30.3 16.2 48.6





#3

Chloromethane

Concen: 0.822 ug/l

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 50 Resp: 11480

Ion Ratio Lower Upper

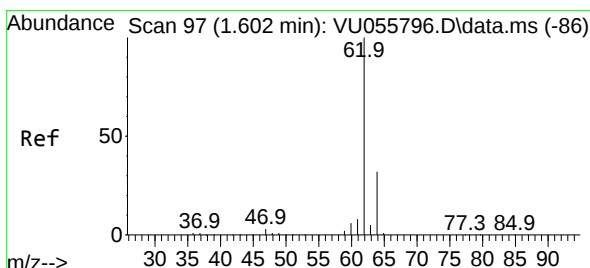
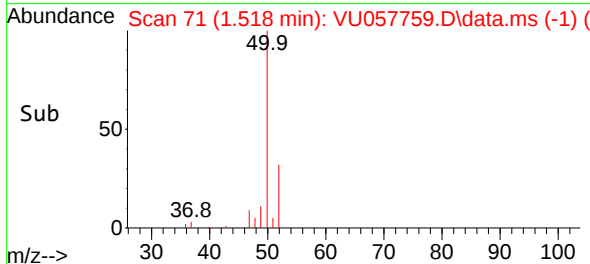
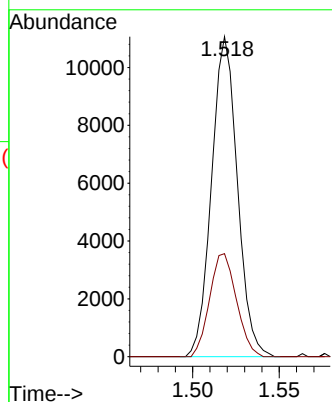
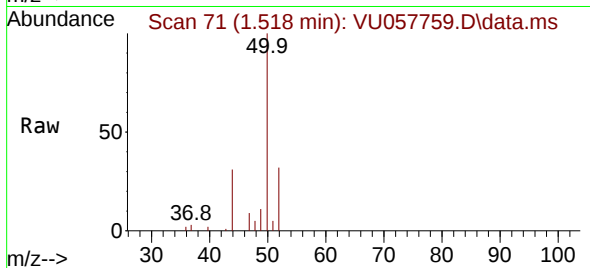
50 100

52 32.2 26.6 40.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#4

Vinyl Chloride

Concen: 0.795 ug/l

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU057759.D

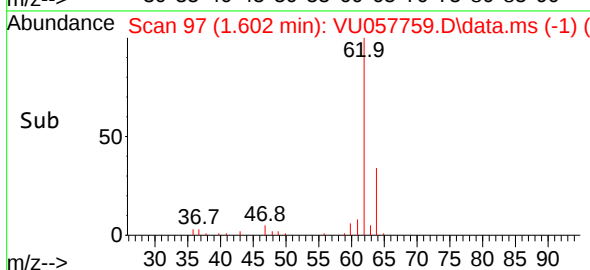
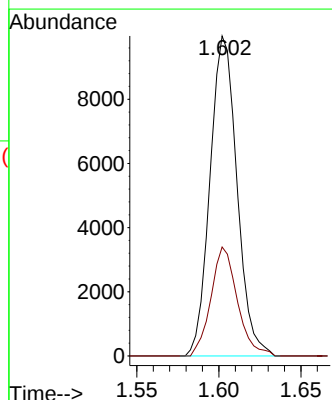
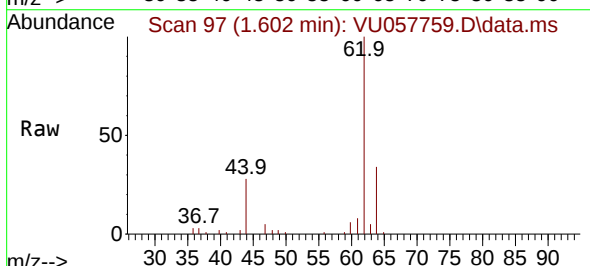
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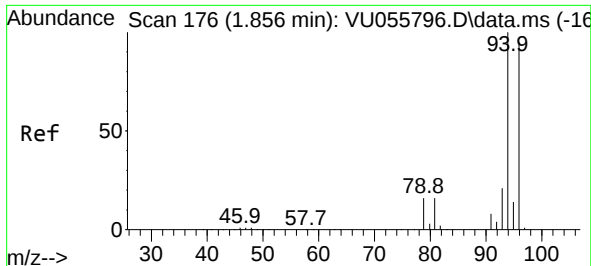
Tgt Ion: 62 Resp: 11389

Ion Ratio Lower Upper

62 100

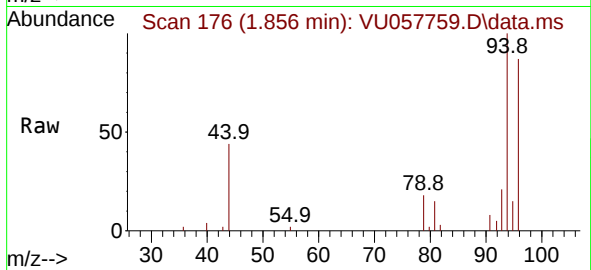
64 34.0 25.4 38.2





#5
Bromomethane
Concen: 0.927 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

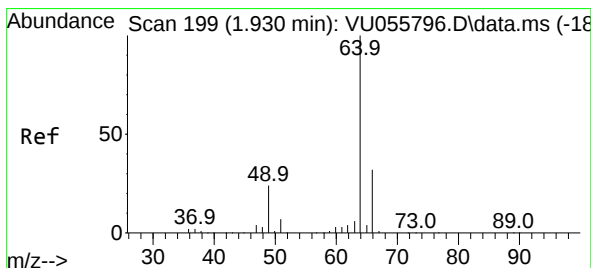
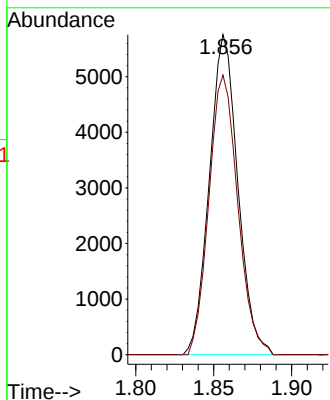
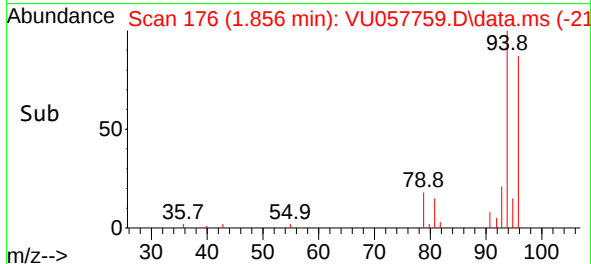
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 94 Resp: 7308
Ion Ratio Lower Upper
94 100
96 87.3 75.4 113.2

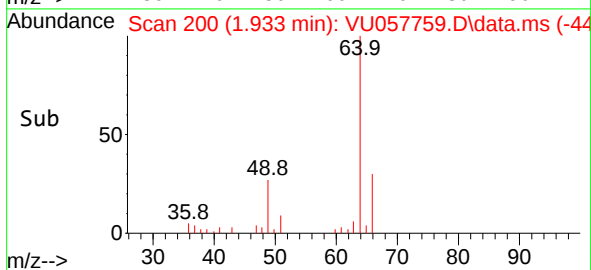
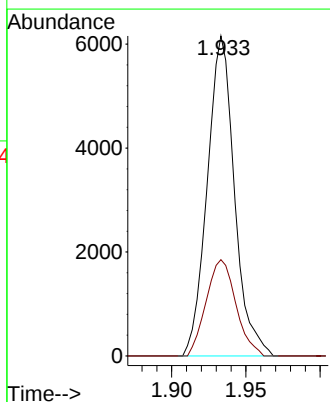
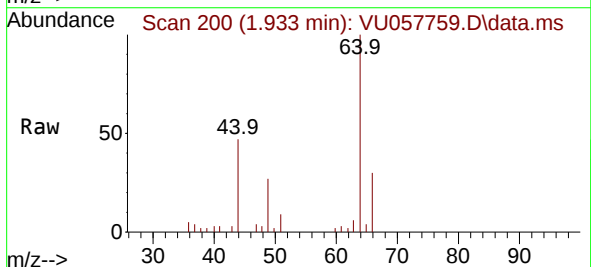
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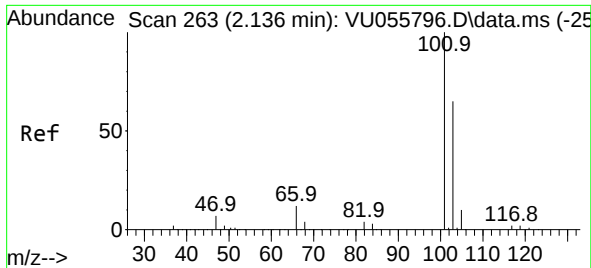
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#6
Chloroethane
Concen: 1.131 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Tgt Ion: 64 Resp: 7842
Ion Ratio Lower Upper
64 100
66 30.1 26.0 39.0





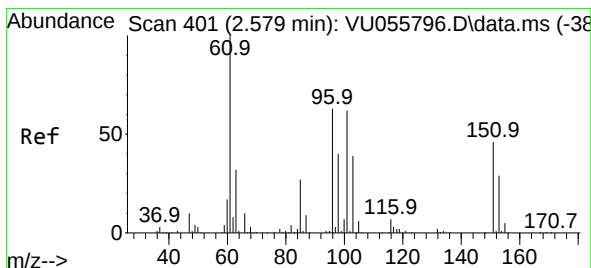
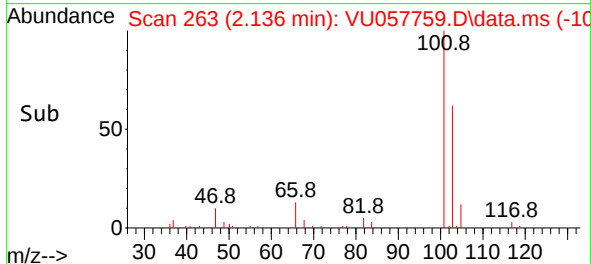
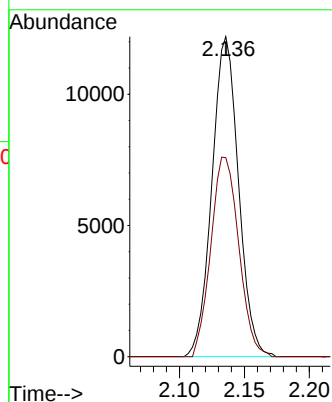
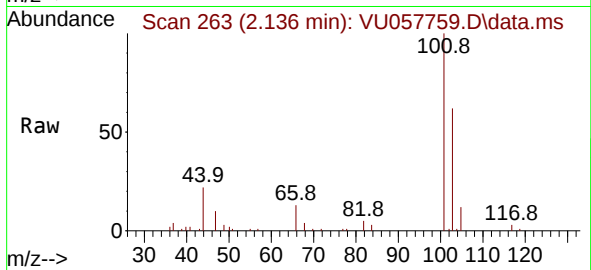
#7
Trichlorofluoromethane
Concen: 0.918 ug/l
RT: 2.136 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 17339
Ion Ratio Lower Upper
101 100
103 62.2 51.4 77.0

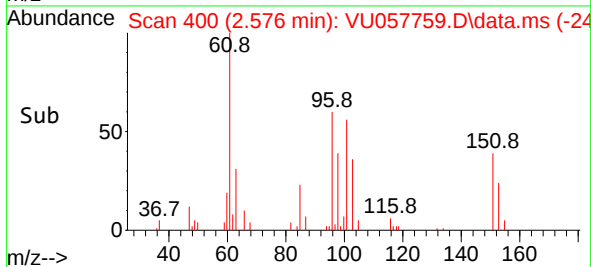
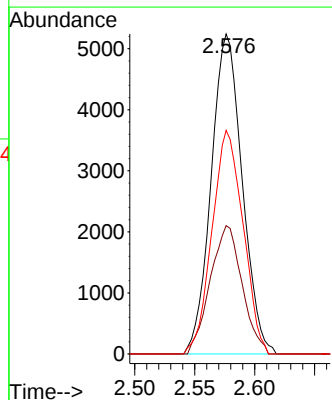
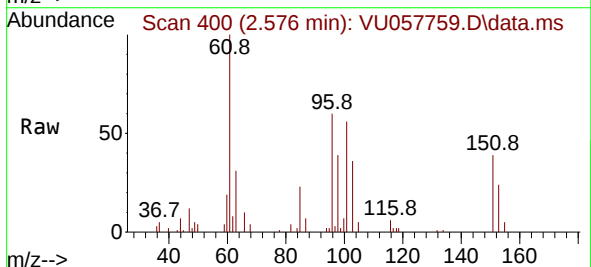
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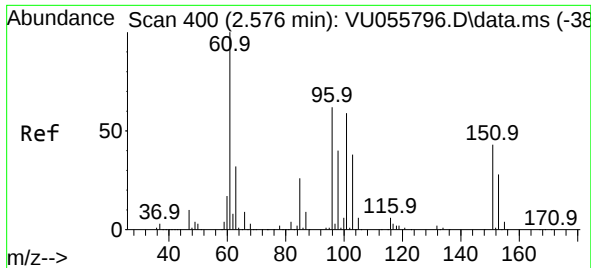
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.749 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Tgt Ion:101 Resp: 9425
Ion Ratio Lower Upper
101 100
85 41.2 35.4 53.0
151 69.9 54.0 81.0





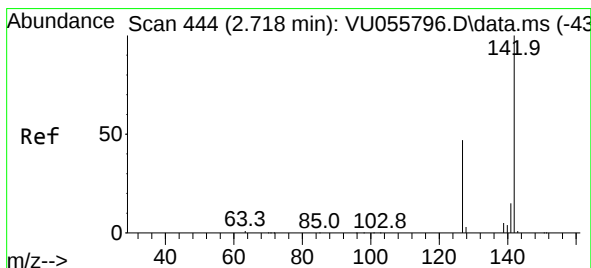
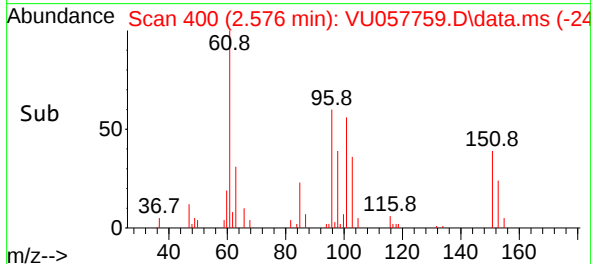
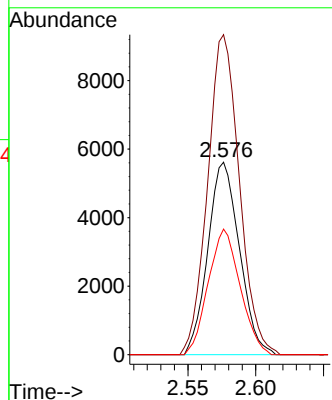
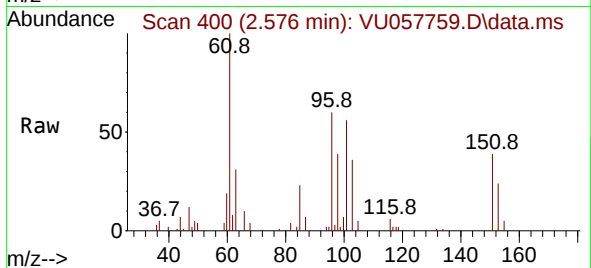
#9
1,1-Dichloroethene
Concen: 0.775 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 910
Ion Ratio Lower Upper
96 100
61 166.3 0.0 521.4
98 68.1 0.0 125.8

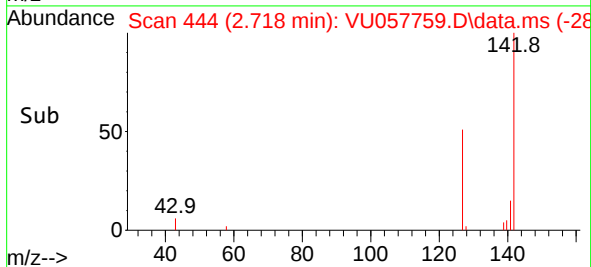
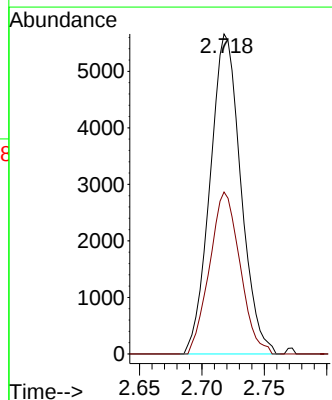
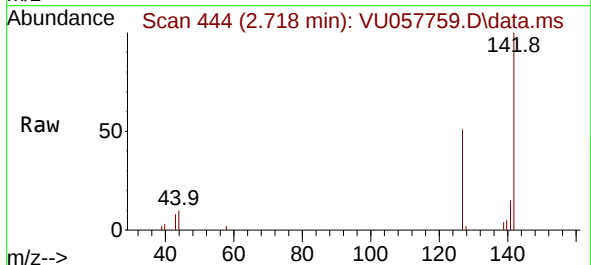
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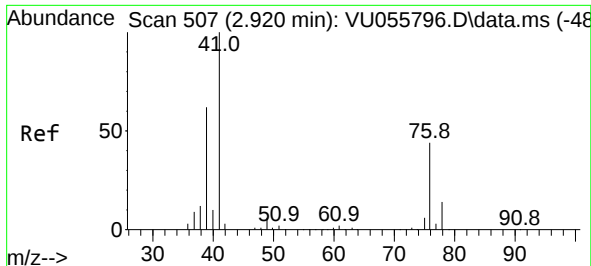
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#10
Iodomethane
Concen: 0.556 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

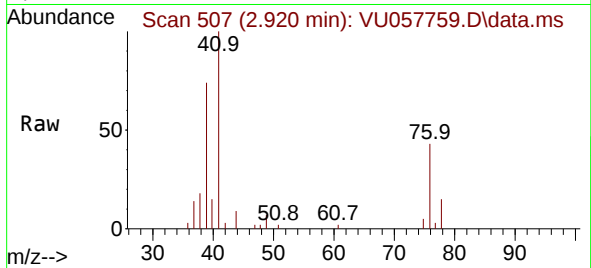
Tgt Ion:142 Resp: 9722
Ion Ratio Lower Upper
142 100
127 50.1 35.9 53.9





#11
 Allyl Chloride
 Concen: 0.777 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU057759.D
 Acq: 31 Jan 2024 11:12

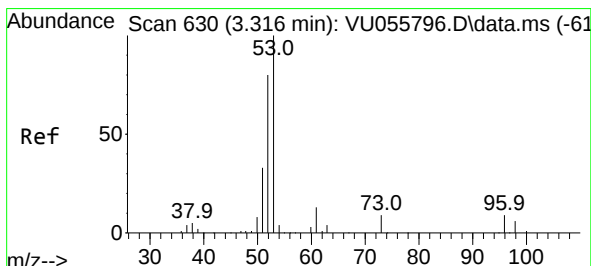
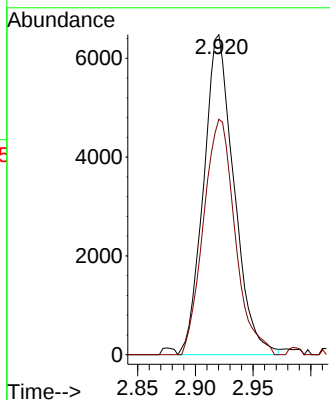
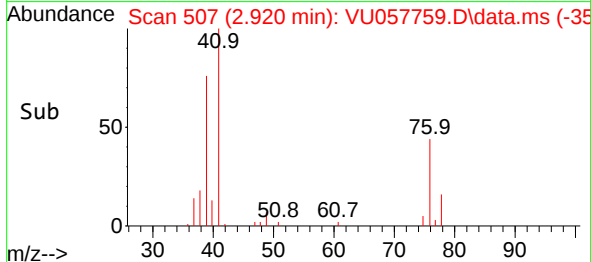
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001



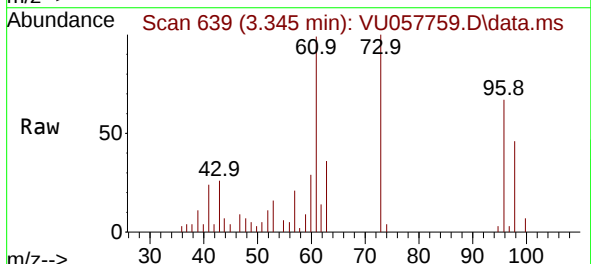
Tgt Ion: 41 Resp: 1185
 Ion Ratio Lower Upper
 41 100
 39 76.6 54.2 81.2

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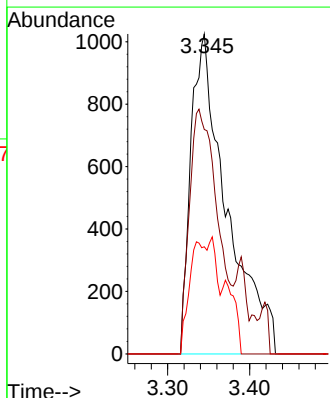
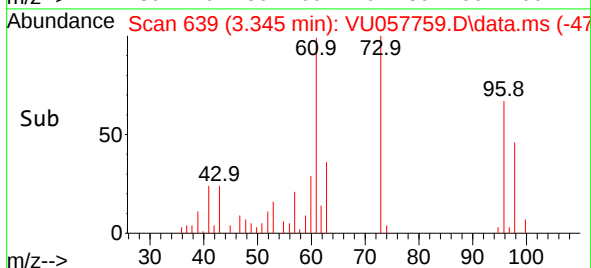
Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

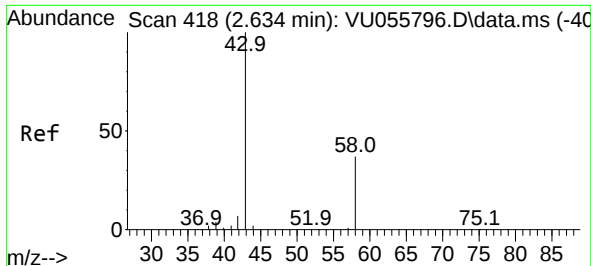


#12
 Acrylonitrile
 Concen: 1.405 ug/l
 RT: 3.345 min Scan# 639
 Delta R.T. 0.029 min
 Lab File: VU057759.D
 Acq: 31 Jan 2024 11:12



Tgt Ion: 53 Resp: 3099
 Ion Ratio Lower Upper
 53 100
 52 61.1 62.9 94.3#
 51 17.1 27.8 41.6#





#13

Acetone

Concen: 2.542 ug/l

RT: 2.650 min Scan# 418

Delta R.T. 0.016 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 43 Resp: 11962

Ion Ratio Lower Upper

43 100

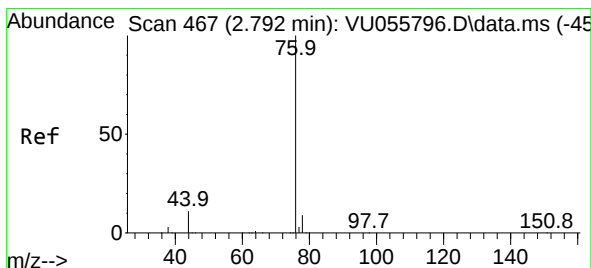
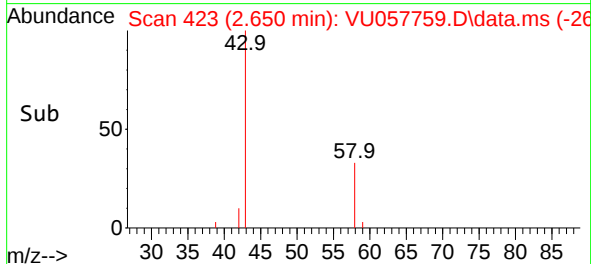
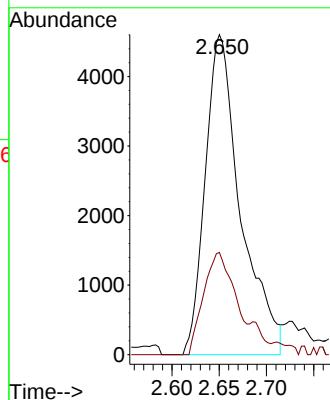
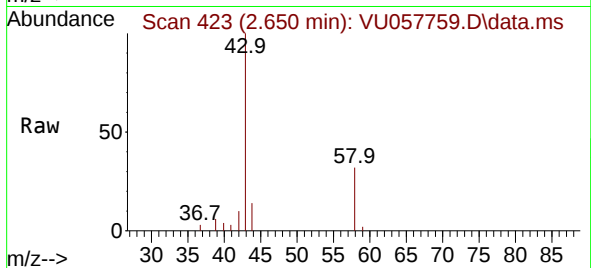
58 31.9 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#14

Carbon Disulfide

Concen: 0.740 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU057759.D

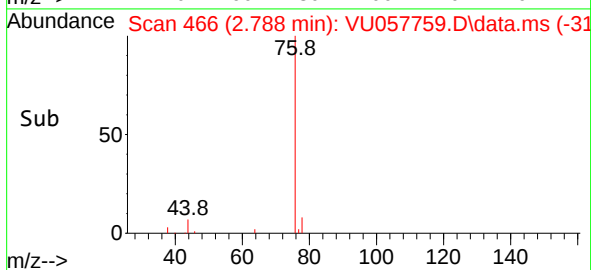
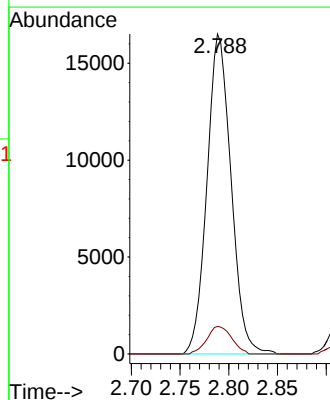
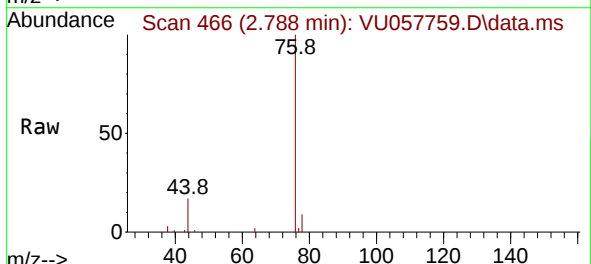
Acq: 31 Jan 2024 11:12

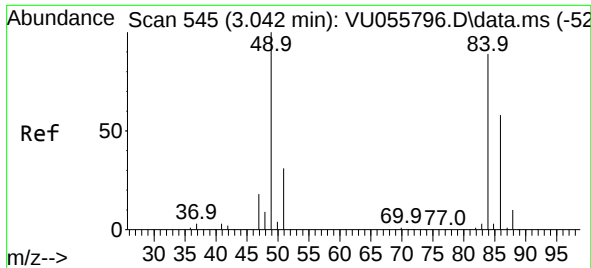
Tgt Ion: 76 Resp: 28367

Ion Ratio Lower Upper

76 100

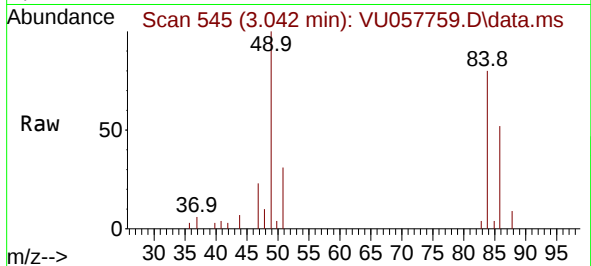
78 8.6 7.4 11.0





#15
Methylene Chloride
Concen: 0.795 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

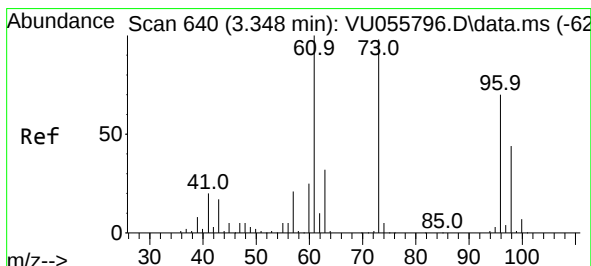
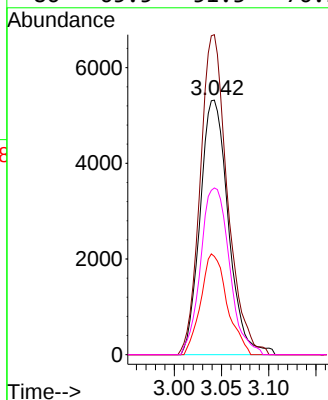
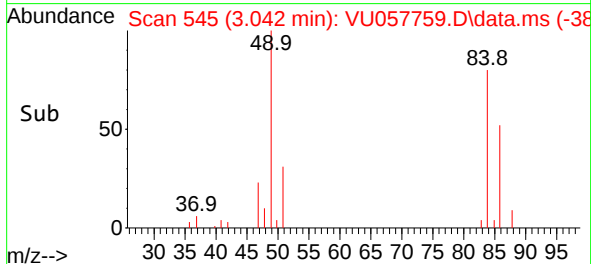
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:	84	Resp:	11014
Ion	Ratio	Lower	Upper
84	100		
49	125.7	98.9	148.3
51	38.6	0.0	75.4
86	65.5	51.3	76.9

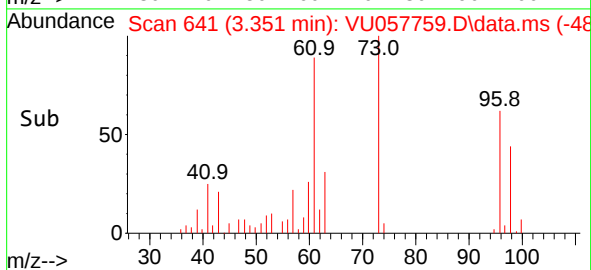
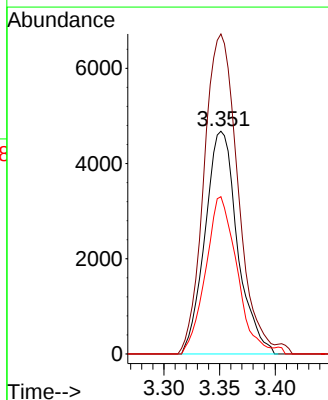
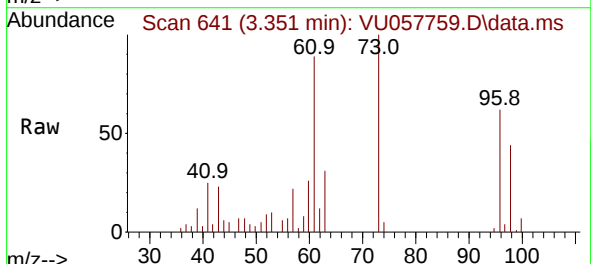
Manual Integrations
APPROVED

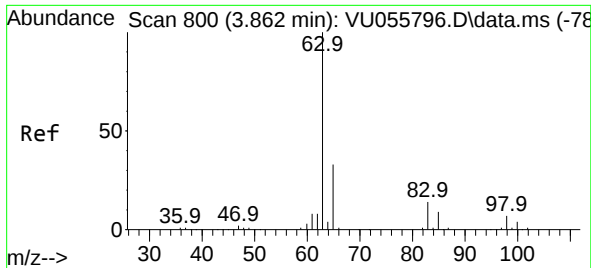
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#16
trans-1,2-Dichloroethene
Concen: 0.760 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Tgt Ion:	96	Resp:	9452
Ion	Ratio	Lower	Upper
96	100		
61	134.3	117.5	176.3
98	66.0	48.3	72.5





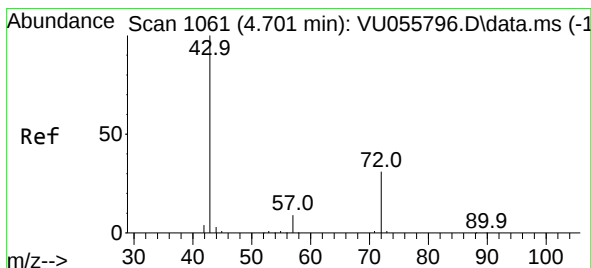
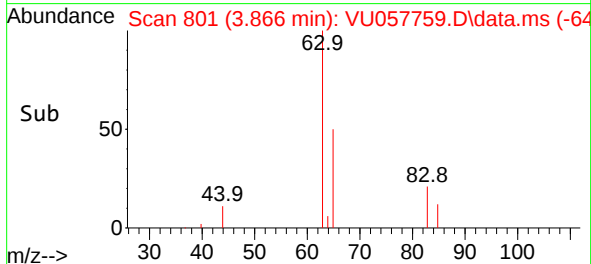
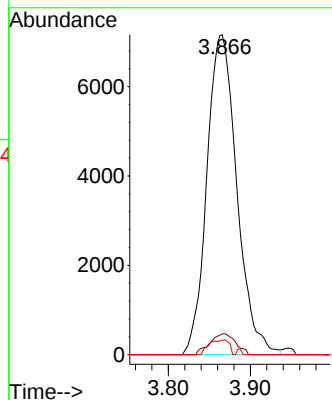
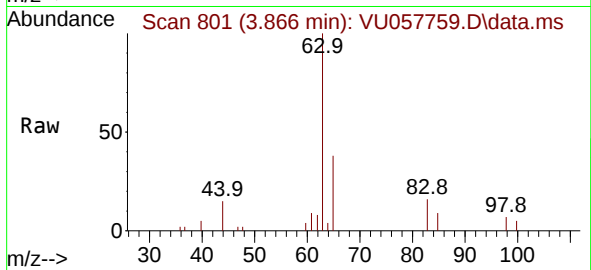
#17
1,1-Dichloroethane
Concen: 0.787 ug/l
RT: 3.866 min Scan# 800
Delta R.T. 0.004 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 1820
Ion Ratio Lower Upper
63 100
98 6.5 3.4 10.1
100 4.5 2.2 6.6

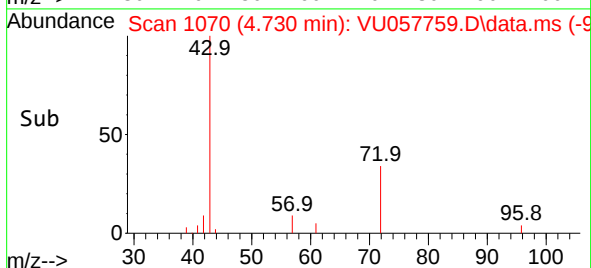
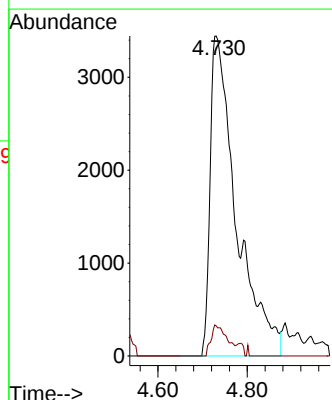
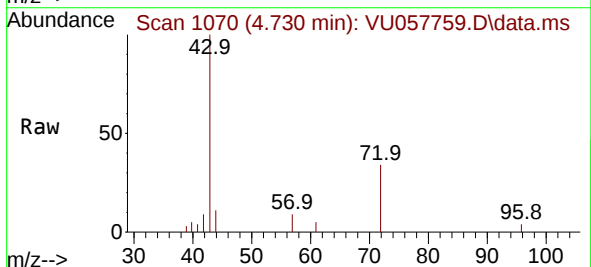
Manual Integrations
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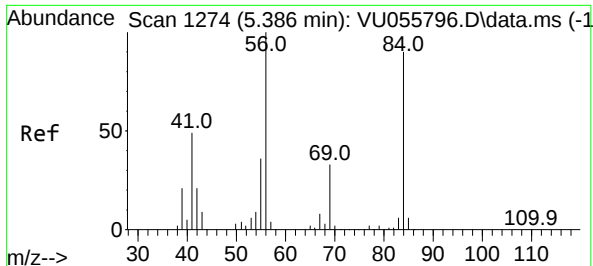
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#18
2-Butanone
Concen: 2.754 ug/l m
RT: 4.730 min Scan# 1070
Delta R.T. 0.029 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Tgt Ion: 43 Resp: 13965
Ion Ratio Lower Upper
43 100
57 9.4 0.0 19.6





#19

Cyclohexane

Concen: 0.732 ug/l

RT: 5.383 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

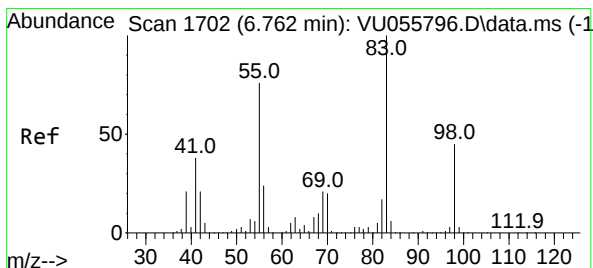
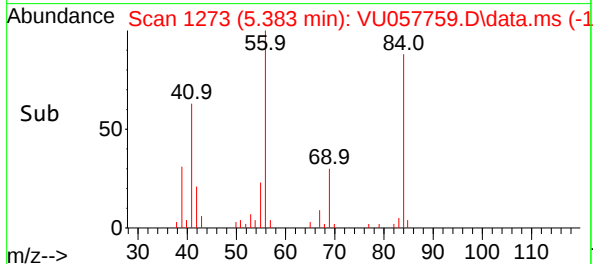
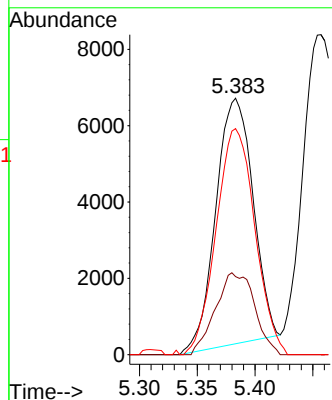
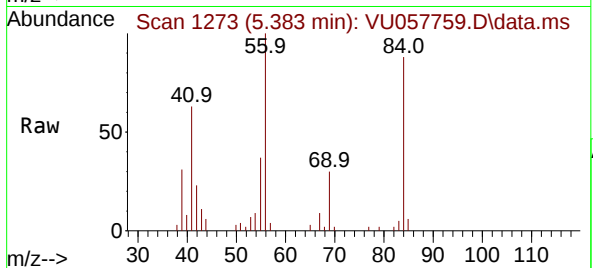
VSTDICC001

Tgt Ion:	56	Resp:	1444
Ion Ratio	Lower	Upper	
56	100		
69	35.0	24.6	37.0
84	96.0	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#20

Methylcyclohexane

Concen: 0.850 ug/l

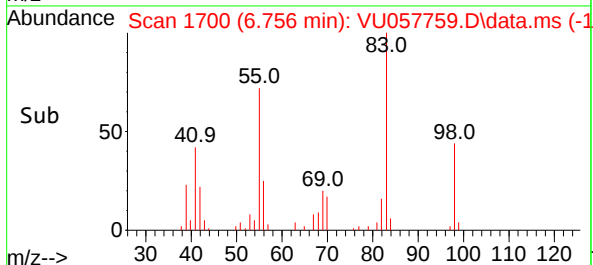
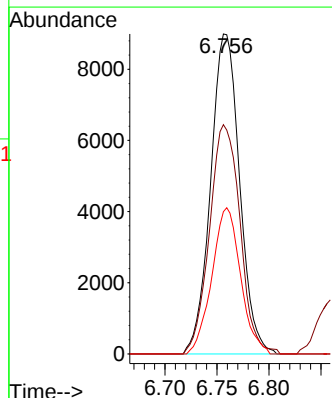
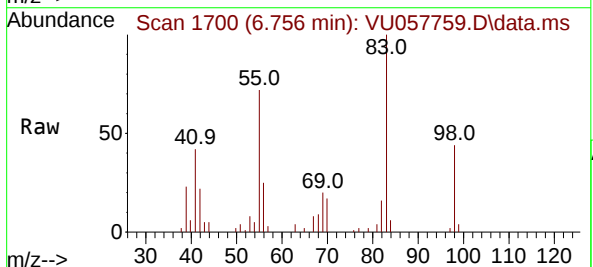
RT: 6.756 min Scan# 1700

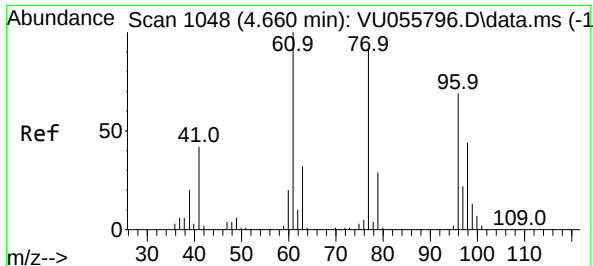
Delta R.T. -0.006 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Tgt Ion:	83	Resp:	17435
Ion Ratio	Lower	Upper	
83	100		
55	75.5	63.5	95.3
98	45.3	36.0	54.0





#21

2,2-Dichloropropane

Concen: 0.798 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 77 Resp: 15550

Ion Ratio Lower Upper

77 100

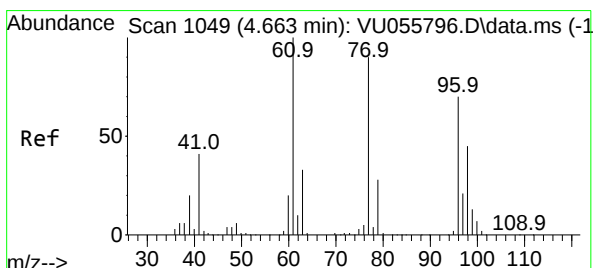
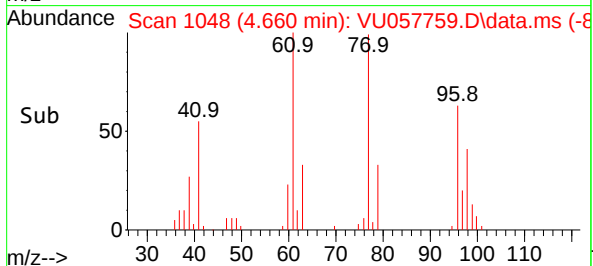
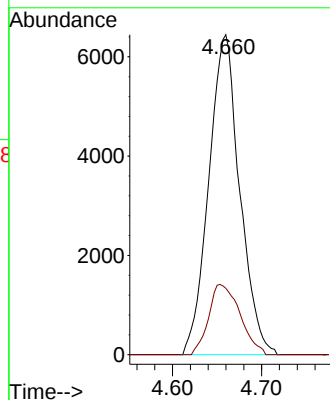
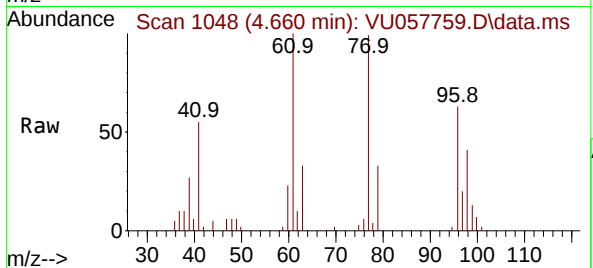
97 22.2 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#22

cis-1,2-Dichloroethene

Concen: 0.774 ug/l

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

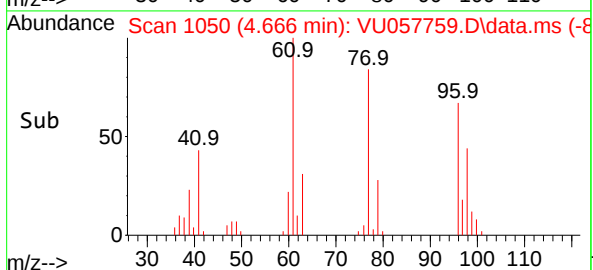
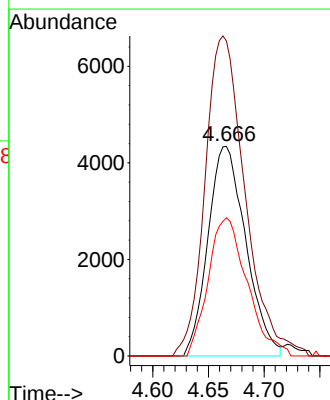
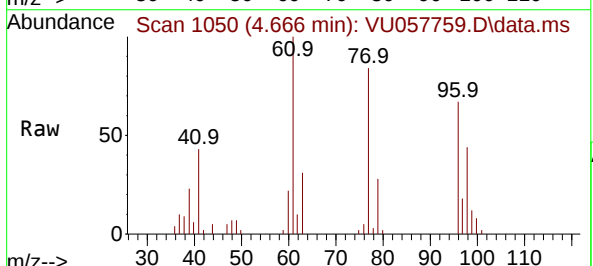
Tgt Ion: 96 Resp: 10266

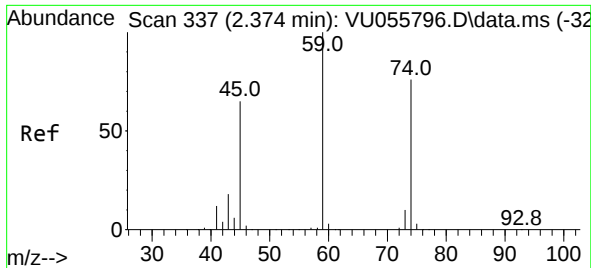
Ion Ratio Lower Upper

96 100

61 161.2 0.0 365.8

98 67.7 32.0 96.0





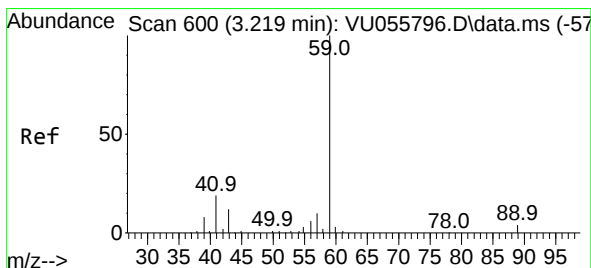
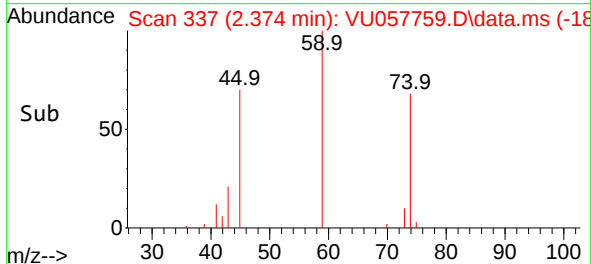
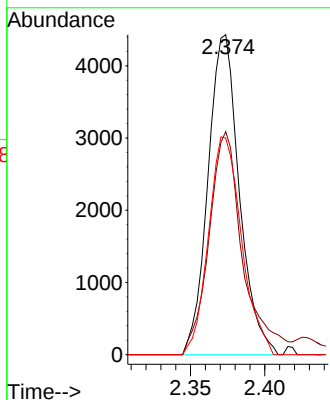
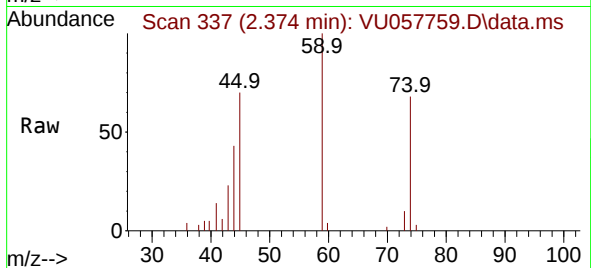
#23
Diethyl Ether
Concen: 0.927 ug/l
RT: 2.374 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 650
Ion Ratio Lower Upper
59 100
45 75.2 56.1 84.1
74 71.8 57.4 86.2

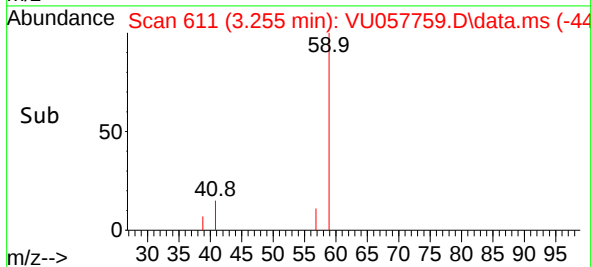
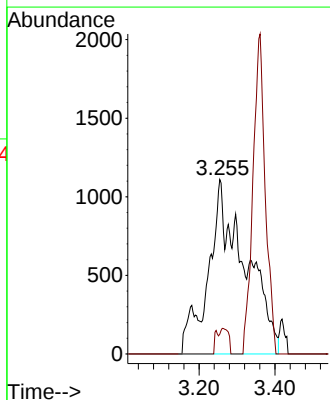
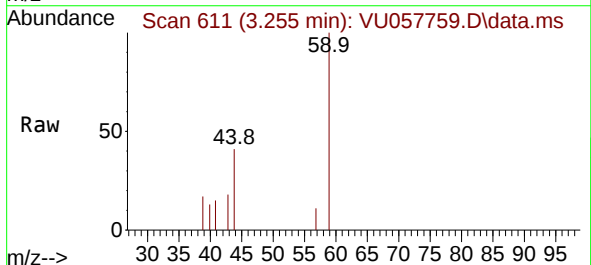
Manual Integrations
APPROVED

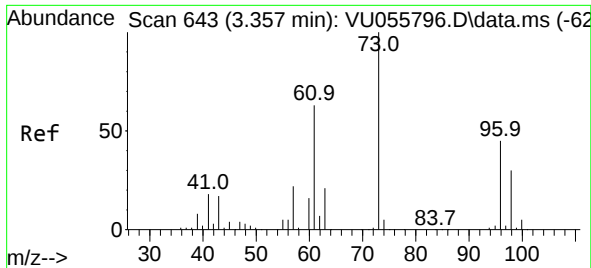
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#24
tert-Butyl Alcohol
Concen: 10.348 ug/l m
RT: 3.255 min Scan# 611
Delta R.T. 0.036 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

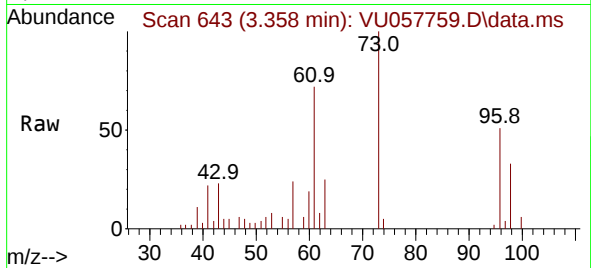
Tgt Ion: 59 Resp: 7449
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 0.795 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.001 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

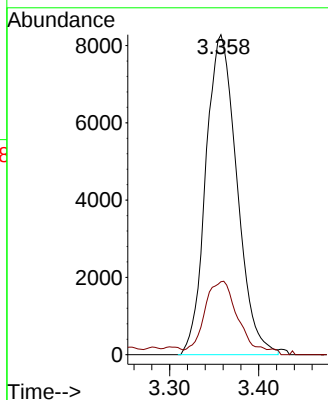
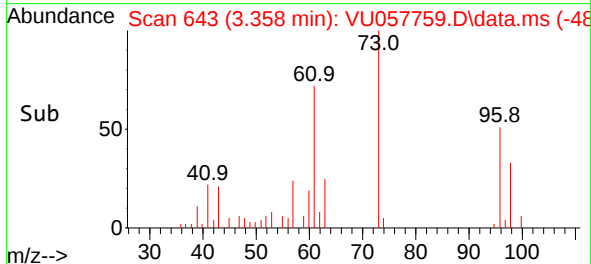
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



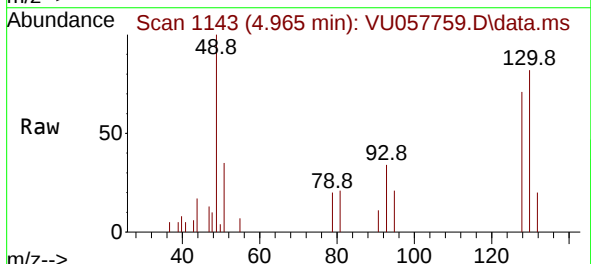
Tgt Ion: 73 Resp: 20090
Ion Ratio Lower Upper
73 100
43 21.2 15.0 22.6

Manual Integrations
APPROVED

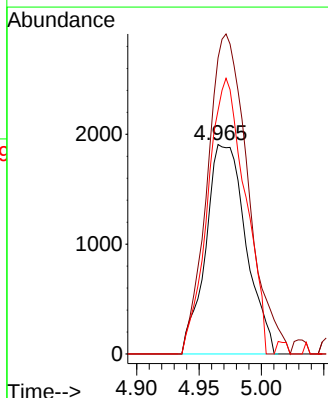
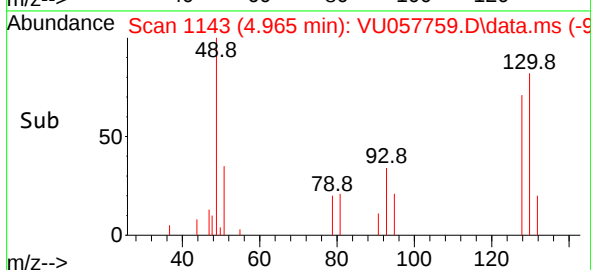
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

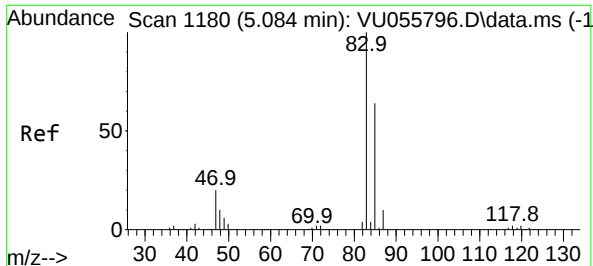


#26
Bromochloromethane
Concen: 0.760 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12



Tgt Ion:128 Resp: 4270
Ion Ratio Lower Upper
128 100
49 154.8 0.0 324.6
130 123.3 103.0 154.4





#27

Chloroform

Concen: 0.831 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 1973

Ion Ratio Lower Upper

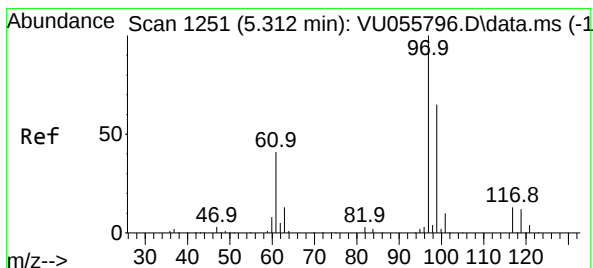
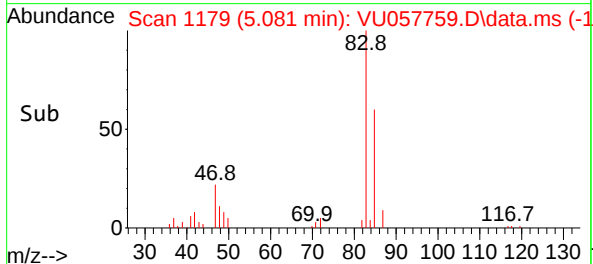
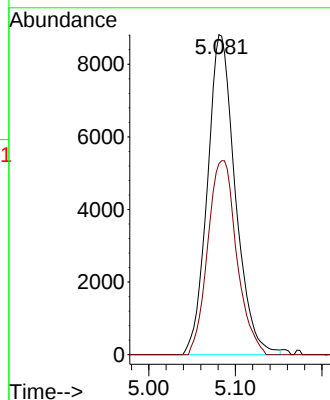
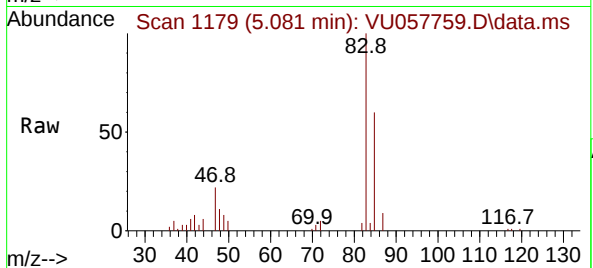
83 100

85 59.7 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#28

1,1,1-Trichloroethane

Concen: 0.783 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

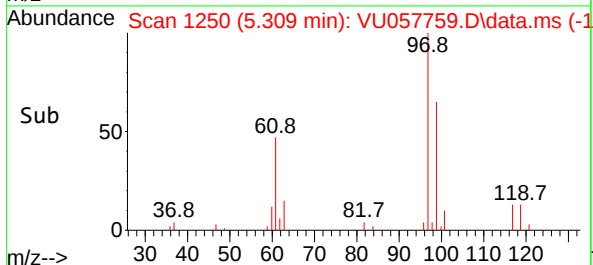
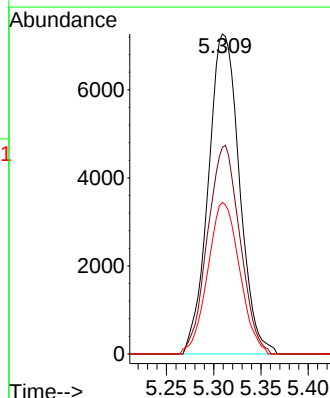
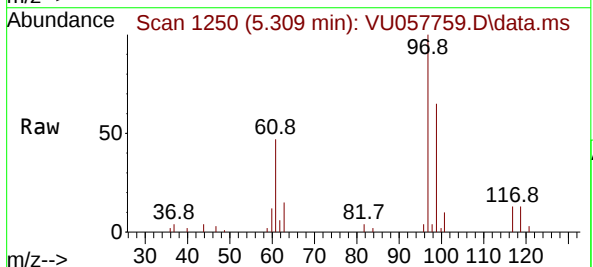
Tgt Ion: 97 Resp: 16656

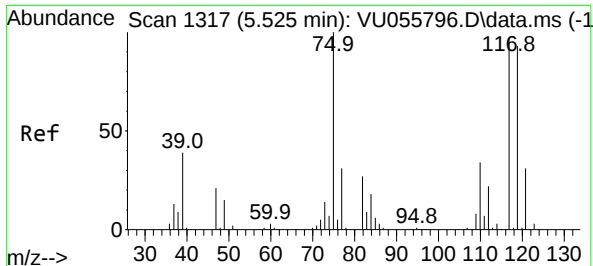
Ion Ratio Lower Upper

97 100

99 67.6 32.0 96.2

61 48.5 22.9 68.5





#29

1,1-Dichloropropene

Concen: 0.832 ug/l

RT: 5.525 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

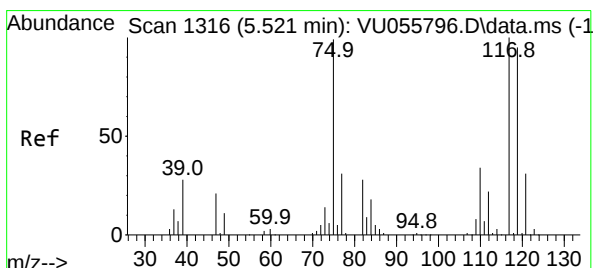
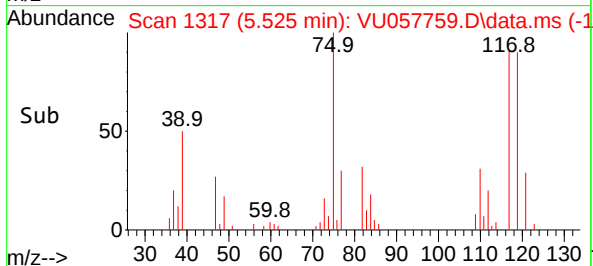
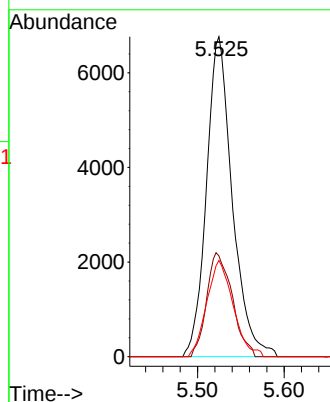
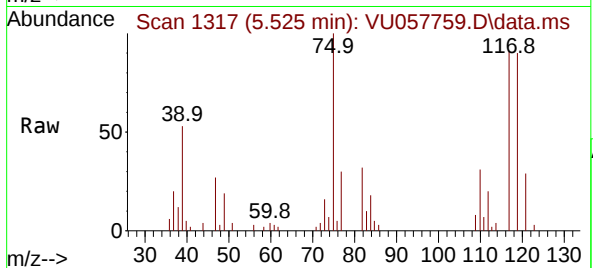
Tgt Ion: 75 Resp: 1402

Ion	Ratio	Lower	Upper
75	100		
110	32.0	18.0	54.0
77	30.6	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#30

Carbon Tetrachloride

Concen: 0.789 ug/l

RT: 5.518 min Scan# 1315

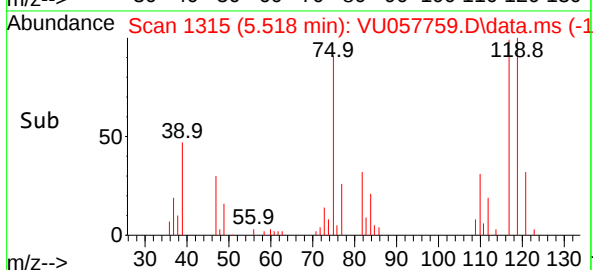
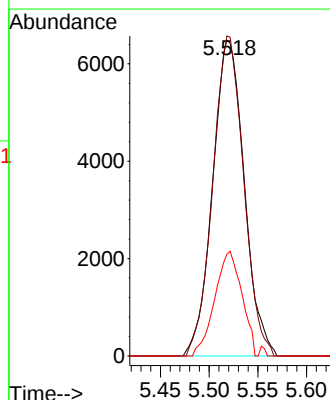
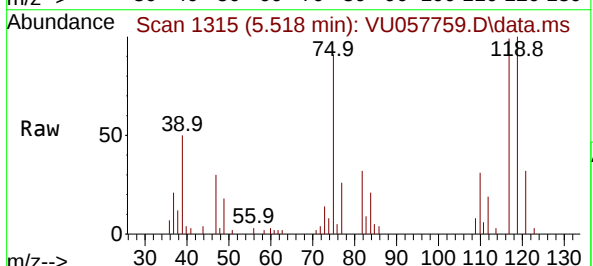
Delta R.T. -0.003 min

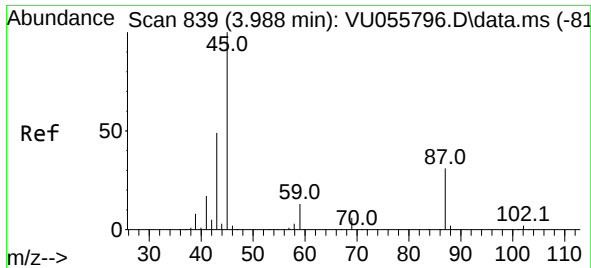
Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Tgt Ion:117 Resp: 14653

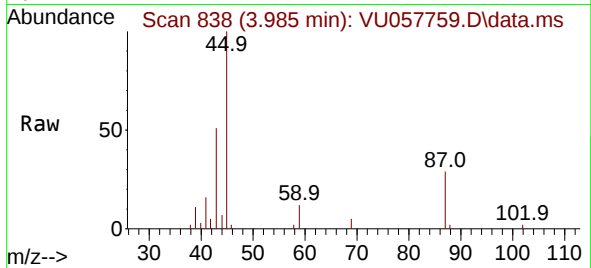
Ion	Ratio	Lower	Upper
117	100		
119	101.3	77.4	116.0
121	32.2	24.0	36.0





#31
Isopropyl Ether
Concen: 0.872 ug/l
RT: 3.985 min Scan# 839
Delta R.T. -0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

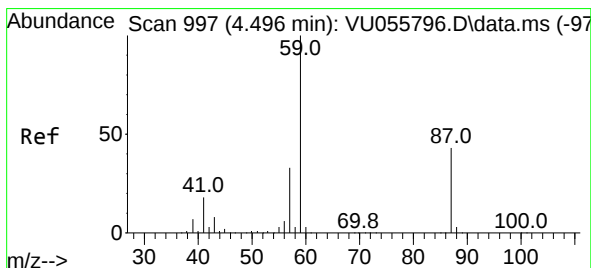
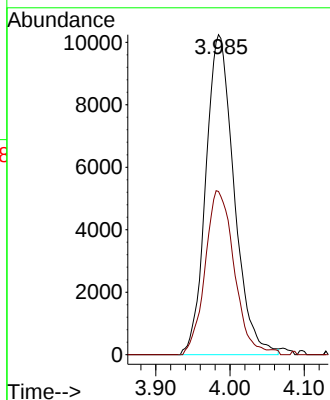
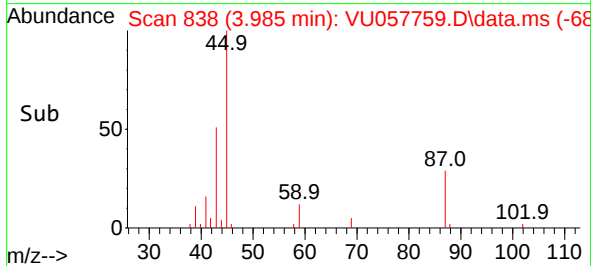
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 45 Resp: 27100
Ion Ratio Lower Upper
45 100
43 52.4 27.5 82.5

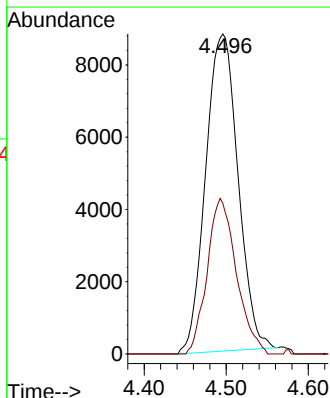
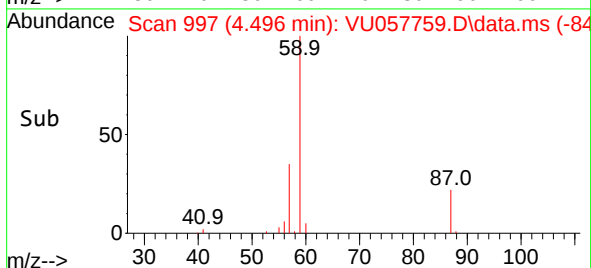
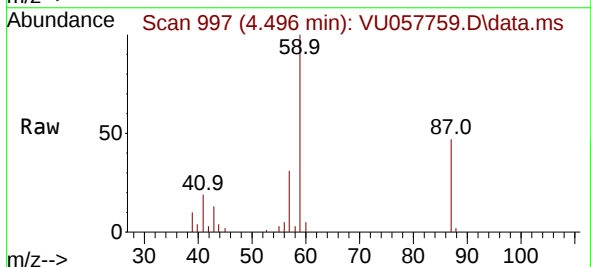
Manual Integrations
APPROVED

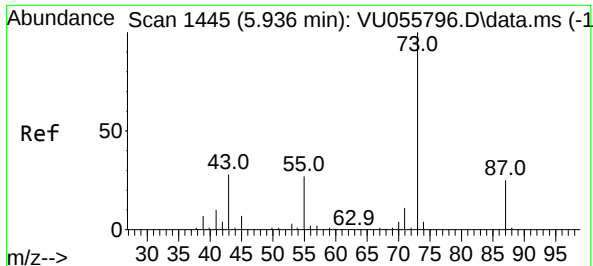
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#32
Ethyl-t-butyl ether
Concen: 0.803 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

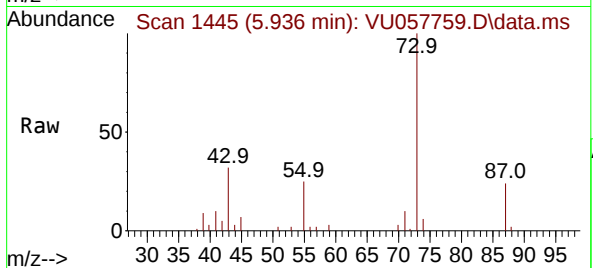
Tgt Ion: 59 Resp: 24105
Ion Ratio Lower Upper
59 100
87 44.2 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.803 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

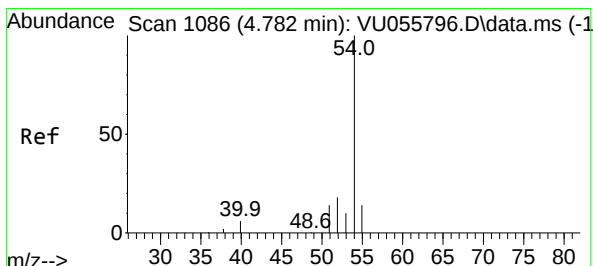
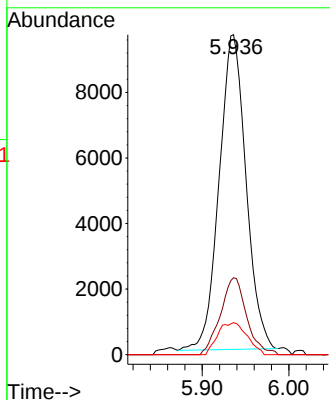
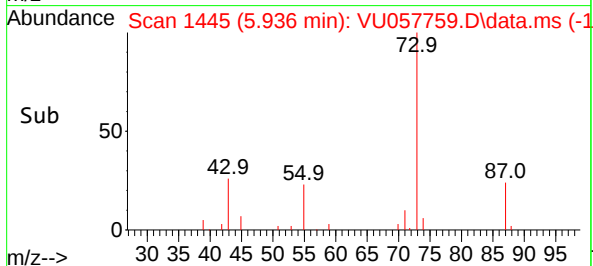
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



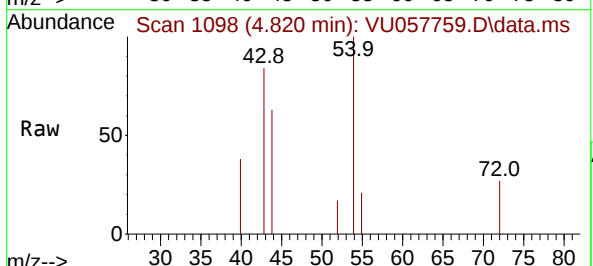
Tgt Ion: 73 Resp: 2066
Ion Ratio Lower Upper
73 100
87 23.8 18.6 28.0
71 11.1 9.9 14.9

Manual Integrations
APPROVED

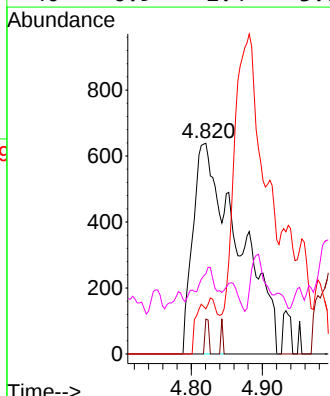
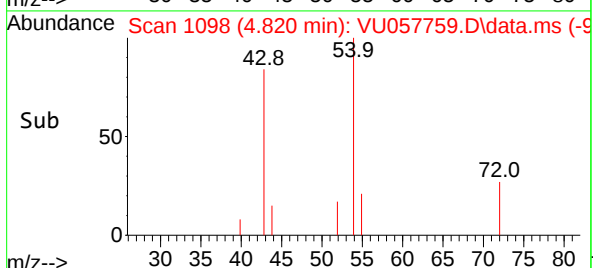
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

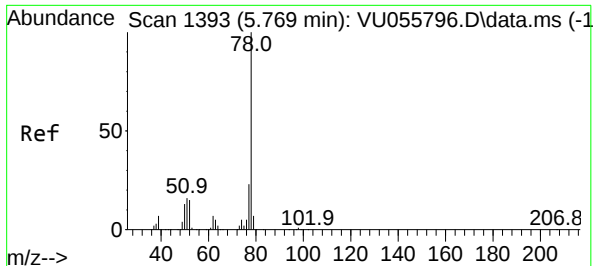


#34
Propionitrile
Concen: 3.550 ug/l m
RT: 4.820 min Scan# 1098
Delta R.T. 0.038 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12



Tgt Ion: 54 Resp: 2848
Ion Ratio Lower Upper
54 100
52 1.4 17.4 26.0#
55 5.3 104.1 156.1#
40 6.9 2.4 3.6#





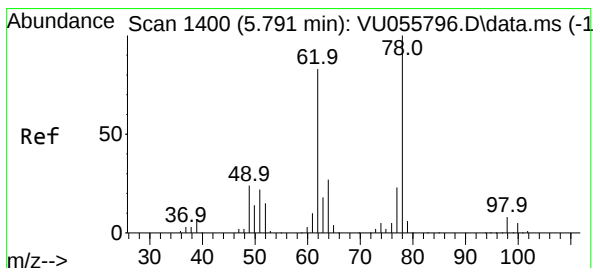
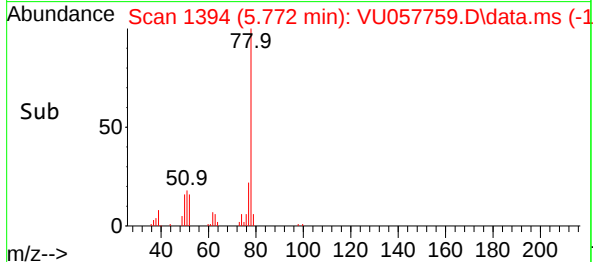
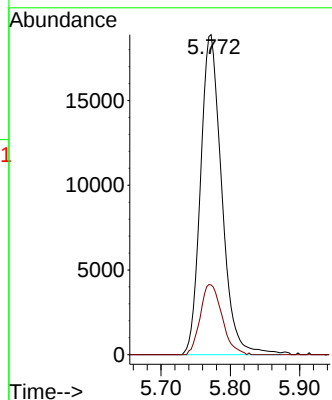
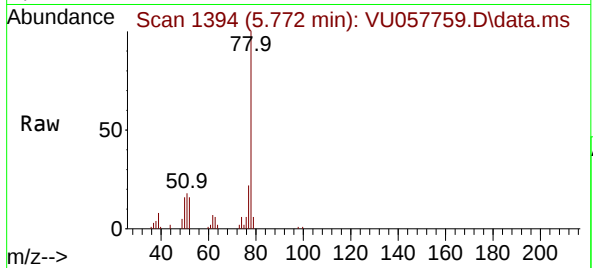
#35
Benzene
Concen: 0.786 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 4011
Ion Ratio Lower Upper
78 100
77 21.8 18.9 28.3

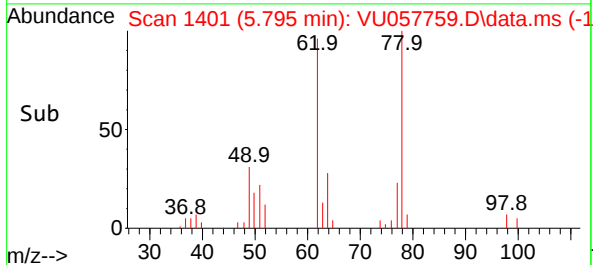
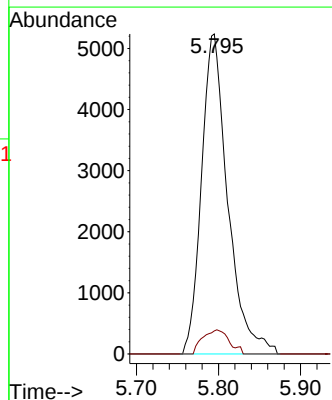
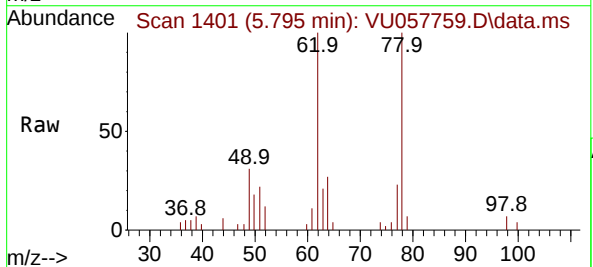
Manual Integrations
APPROVED

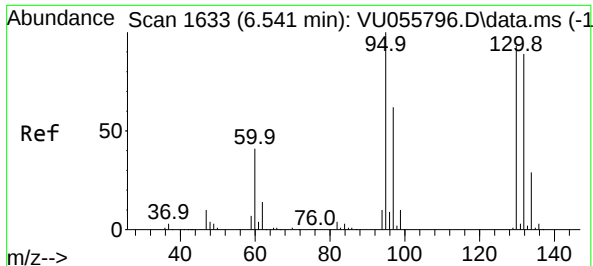
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#36
1,2-Dichloroethane
Concen: 0.839 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.004 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Tgt Ion: 62 Resp: 11636
Ion Ratio Lower Upper
62 100
98 7.6 7.3 10.9





#37

Trichloroethene

Concen: 0.821 ug/l

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:130 Resp: 10900

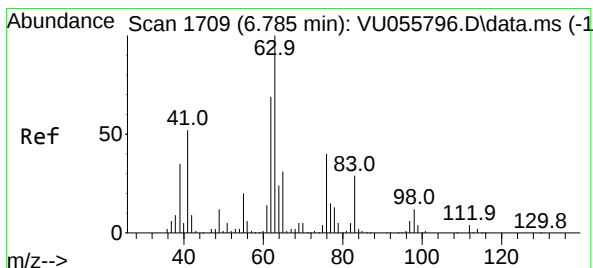
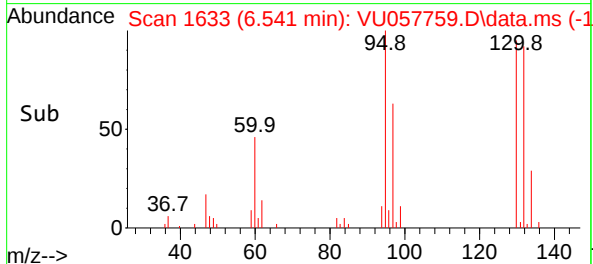
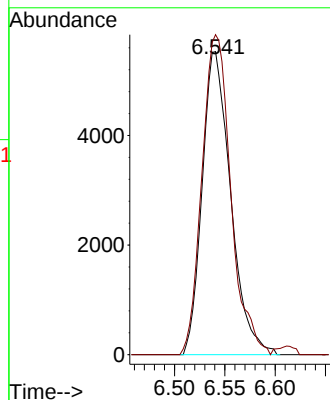
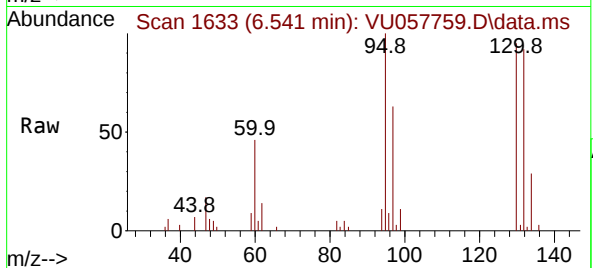
Ion Ratio Lower Upper

130 100

95 105.6 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

#38

1,2-Dichloropropane

Concen: 0.775 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU057759.D

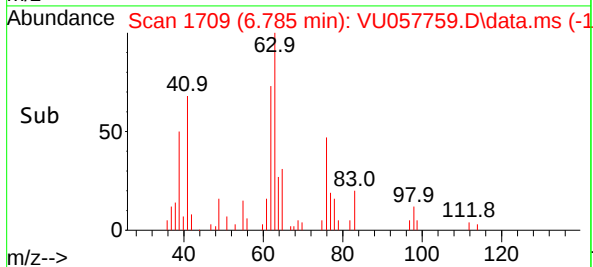
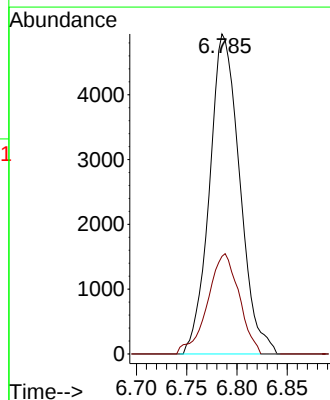
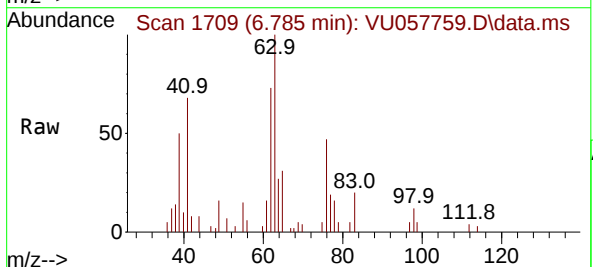
Acq: 31 Jan 2024 11:12

Tgt Ion: 63 Resp: 10333

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3





#39

Methacrylonitrile

Concen: 0.758 ug/l m

RT: 4.994 min Scan# 1117

Delta R.T. 0.026 min

Lab File: VU057759.D

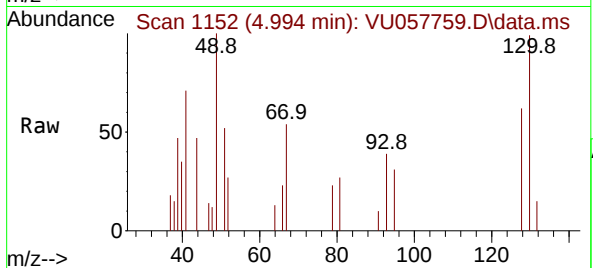
Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001



Tgt Ion: 41 Resp: 2260

Ion Ratio Lower Upper

41 100

67 75.9 66.8 100.2

39 64.9 41.2 61.8

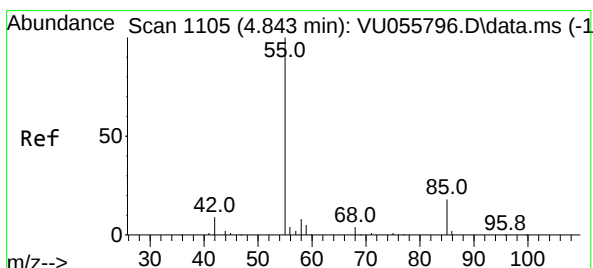
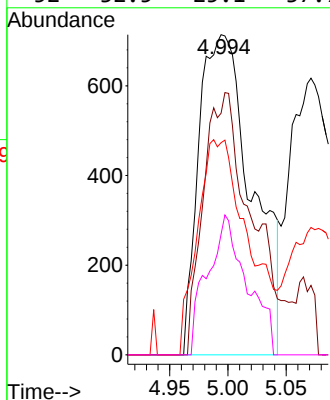
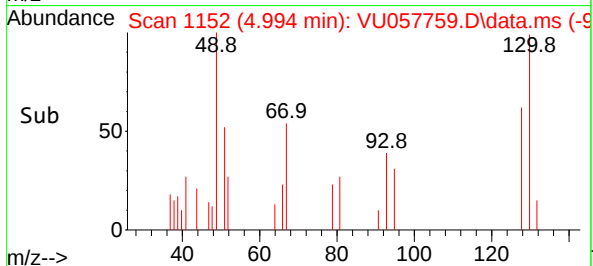
52 32.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#40

Methyl acrylate

Concen: 1.018 ug/l m

RT: 4.882 min Scan# 1117

Delta R.T. 0.039 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Tgt Ion: 55 Resp: 2795

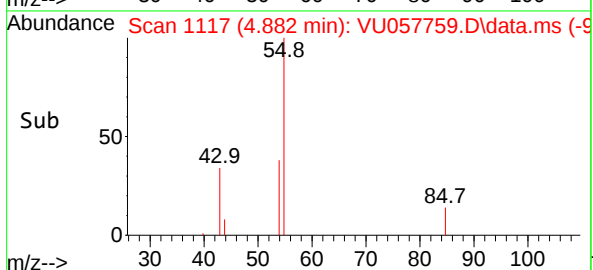
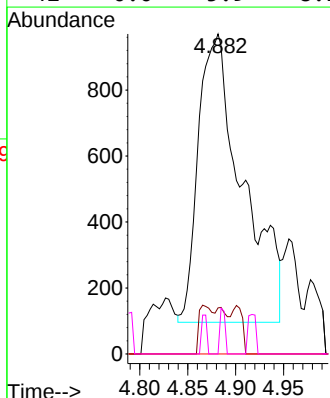
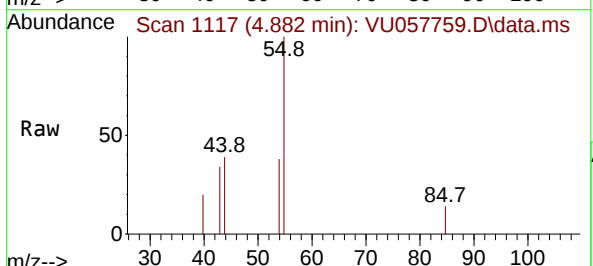
Ion Ratio Lower Upper

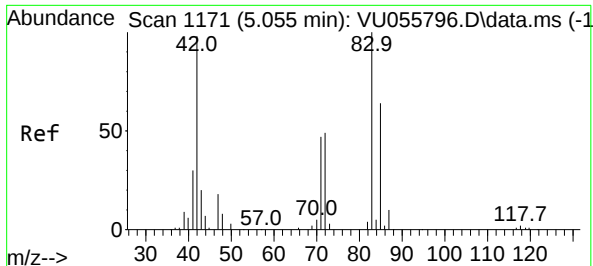
55 100

85 0.0 13.3 19.9#

58 0.0 6.5 9.7#

42 0.0 5.9 8.9#





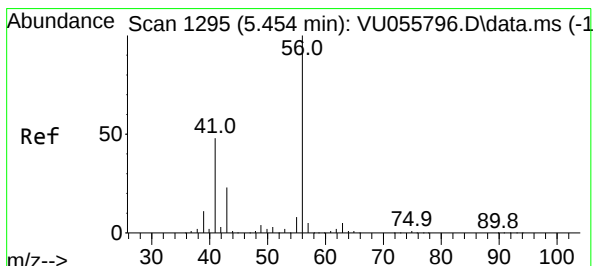
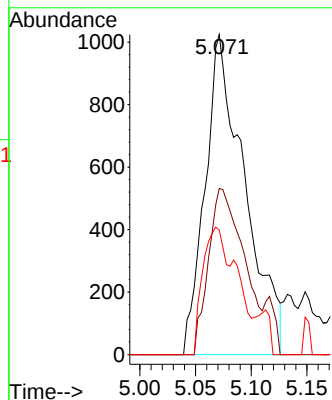
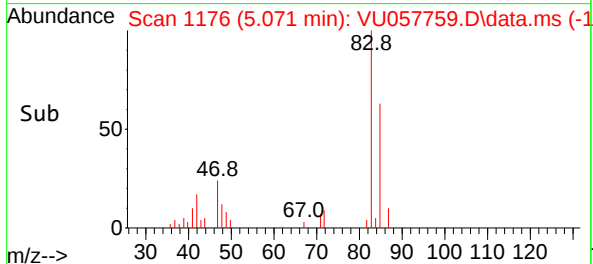
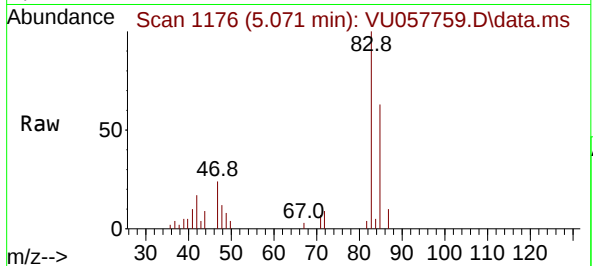
#41
Tetrahydrofuran
Concen: 1.499 ug/l
RT: 5.071 min Scan# 1171
Delta R.T. 0.016 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 42 Resp: 2540
Ion Ratio Lower Upper
42 100
72 46.5 40.9 61.3
71 33.8 36.9 55.3

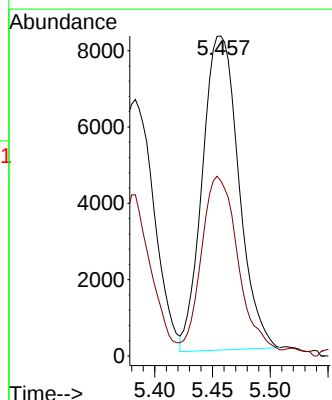
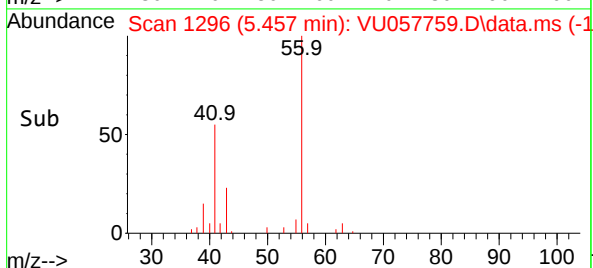
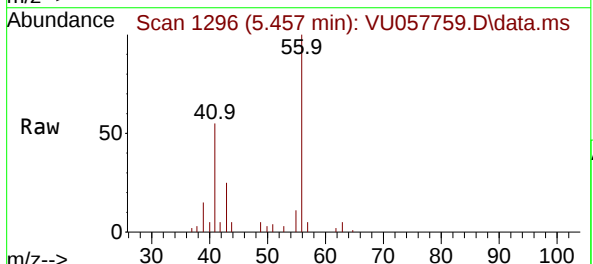
Manual Integrations
APPROVED

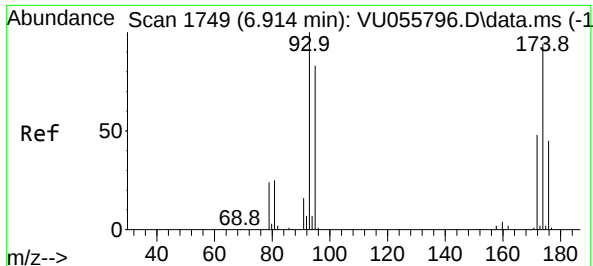
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#42
1-Chlorobutane
Concen: 0.804 ug/l
RT: 5.457 min Scan# 1296
Delta R.T. 0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Tgt Ion: 56 Resp: 18077
Ion Ratio Lower Upper
56 100
41 58.7 25.2 75.6





#43

Dibromomethane

Concen: 0.763 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

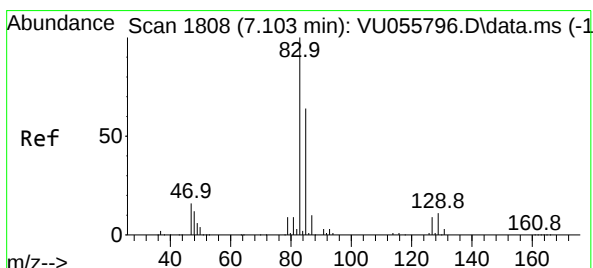
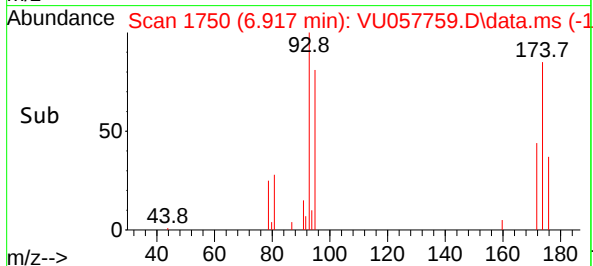
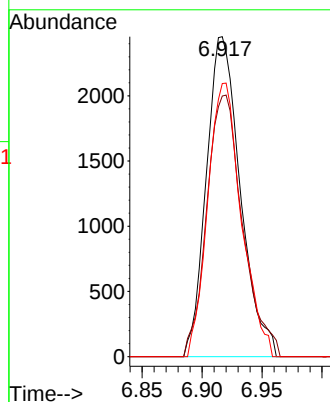
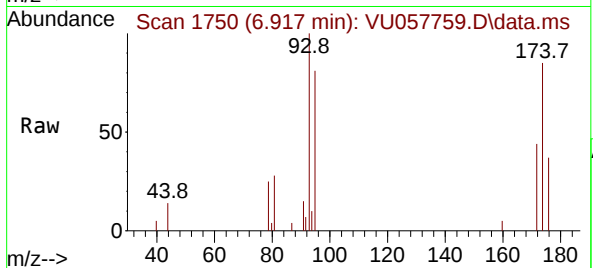
Tgt Ion: 93 Resp: 483

Ion	Ratio	Lower	Upper
93	100		
95	85.9	67.0	100.6
174	84.2	73.8	110.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#44

Bromodichloromethane

Concen: 0.790 ug/l

RT: 7.103 min Scan# 1808

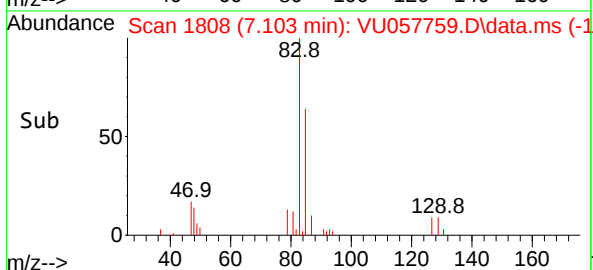
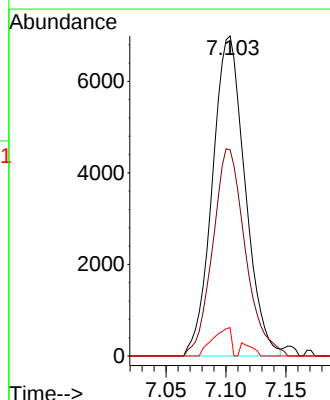
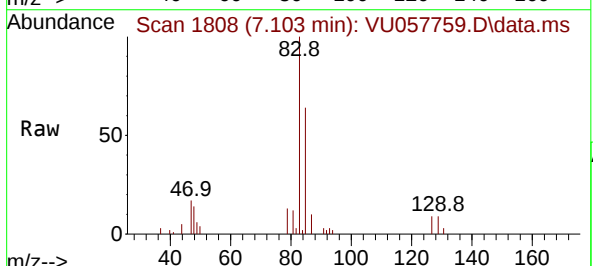
Delta R.T. 0.000 min

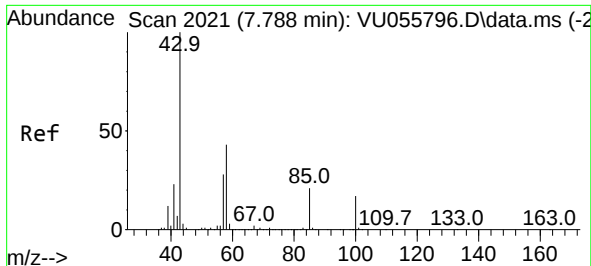
Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Tgt Ion: 83 Resp: 13239

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.9	77.9
127	8.8	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 3.549 ug/l

RT: 7.791 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

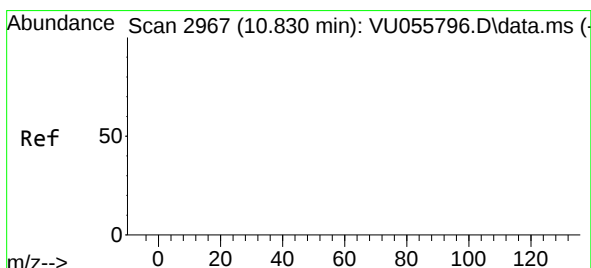
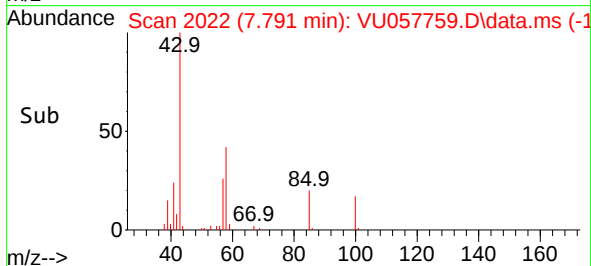
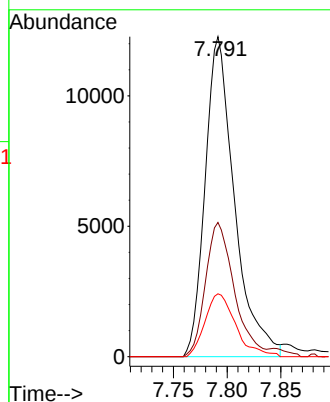
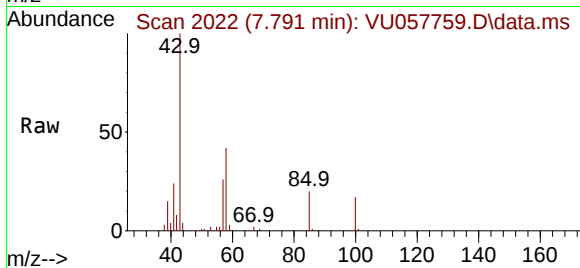
VSTDICC001

Tgt Ion: 43	Resp: 23264
Ion Ratio	Lower Upper
43 100	
58 41.0	20.9 62.8
85 20.6	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#46

t-1,4-Dichloro-2-butene

Concen: 0.688 ug/l m

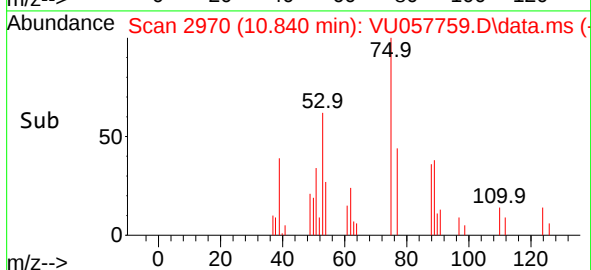
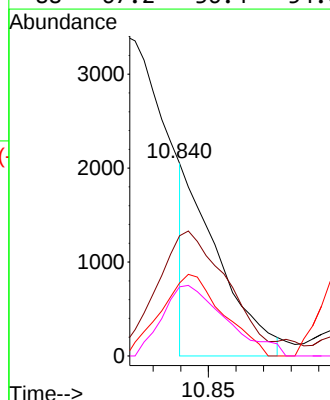
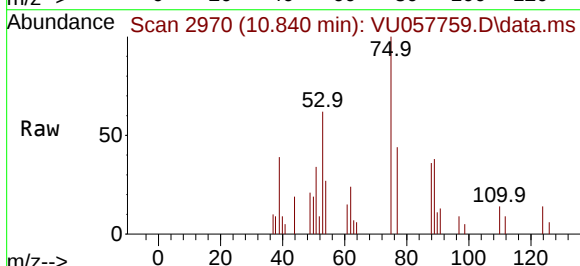
RT: 10.840 min Scan# 2970

Delta R.T. 0.010 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Tgt Ion: 75	Resp: 1795
Ion Ratio	Lower Upper
75 100	
53 138.0	73.3 109.9#
89 75.3	48.2 72.4#
88 67.2	36.4 54.6#





#47

Methyl methacrylate

Concen: 1.557 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VU057759.D

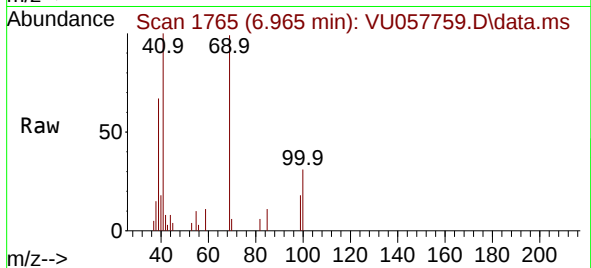
Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001



Tgt Ion: 69 Resp: 814

Ion Ratio Lower Upper

69 100

41 109.7 0.0 209.2

39 70.6 46.7 70.1

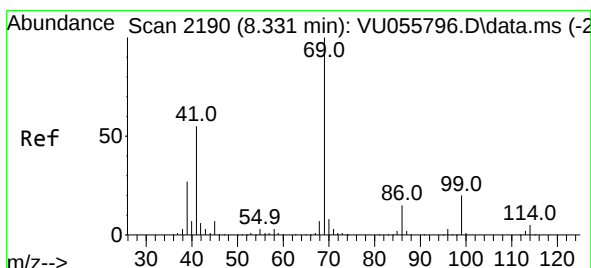
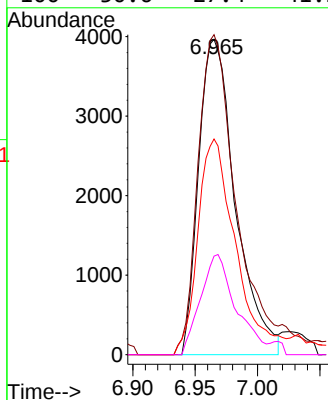
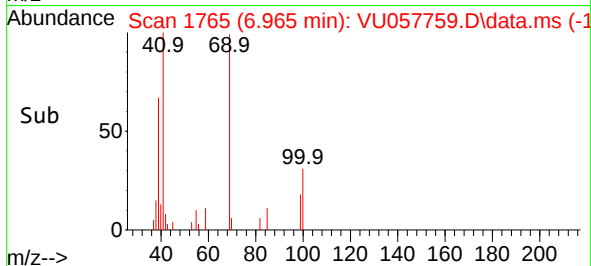
100 30.6 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#48

Ethyl methacrylate

Concen: 1.151 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.004 min

Lab File: VU057759.D

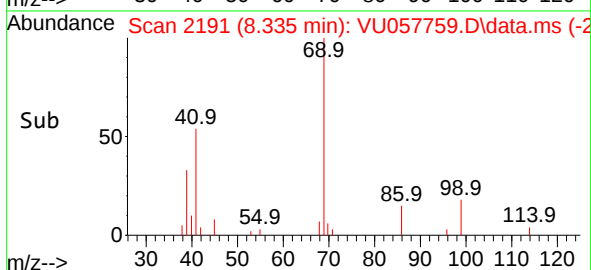
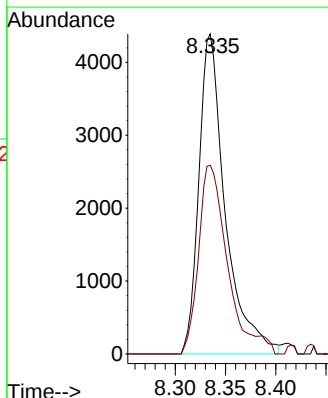
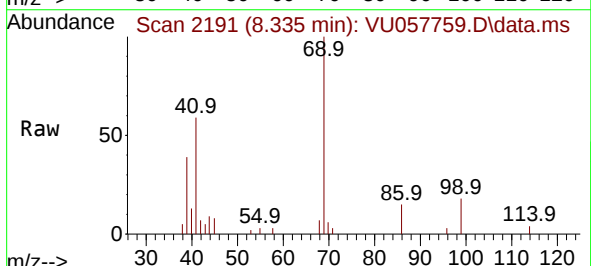
Acq: 31 Jan 2024 11:12

Tgt Ion: 69 Resp: 8008

Ion Ratio Lower Upper

69 100

41 64.8 30.3 90.8





#49

Toluene

Concen: 0.798 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 2412

Ion Ratio Lower Upper

92 100

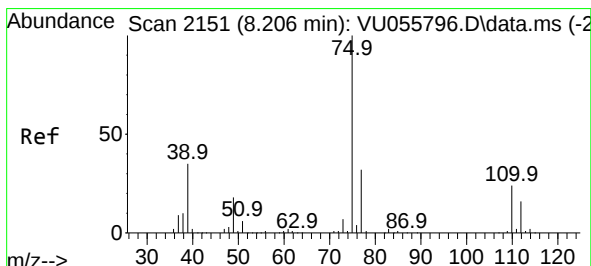
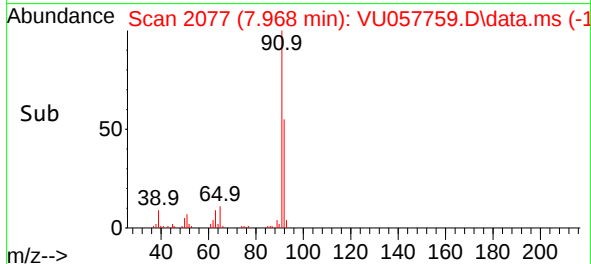
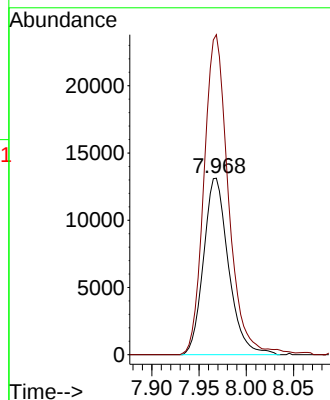
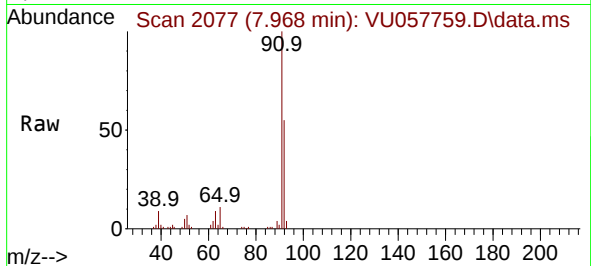
91 178.0 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#50

t-1,3-Dichloropropene

Concen: 0.725 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU057759.D

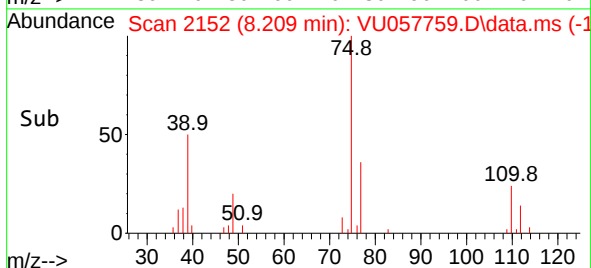
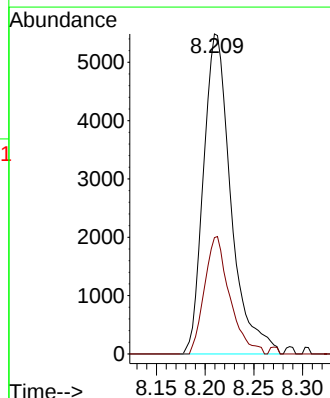
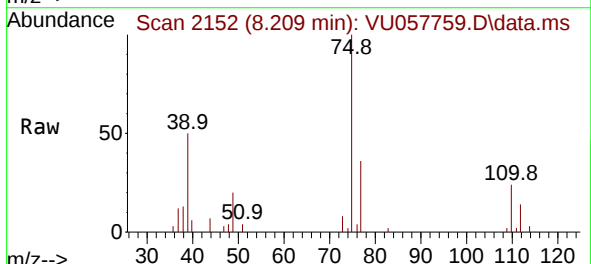
Acq: 31 Jan 2024 11:12

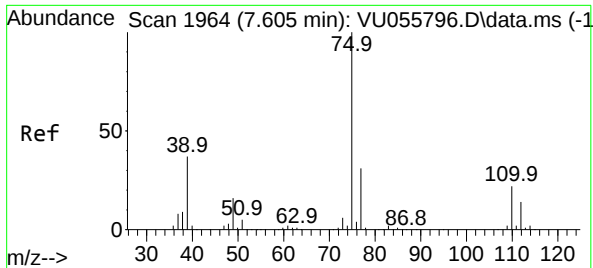
Tgt Ion: 75 Resp: 10753

Ion Ratio Lower Upper

75 100

77 36.3 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.773 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU057759.D
 Acq: 31 Jan 2024 11:12

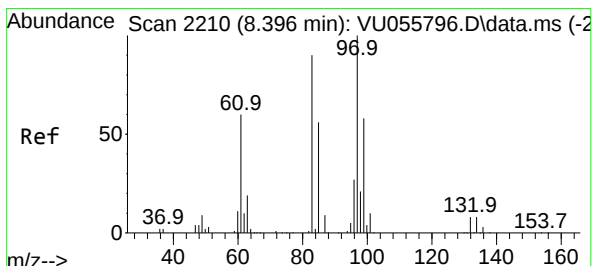
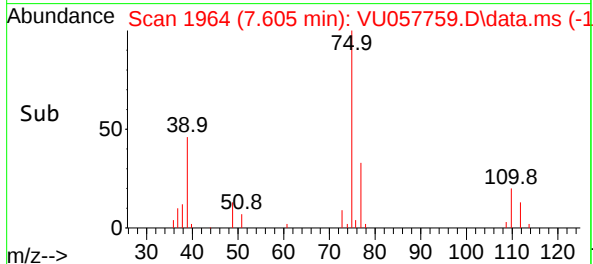
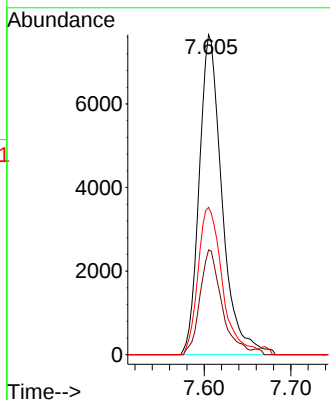
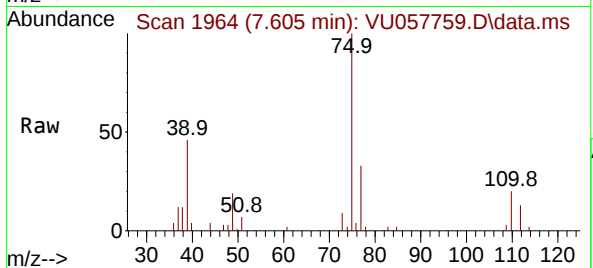
Instrument : MSVOA_U
 ClientSampleId : VSTDIC001

Tgt Ion: 75 Resp: 14020

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.7	38.5
39	46.0	32.8	49.2

Manual Integrations
 APPROVED

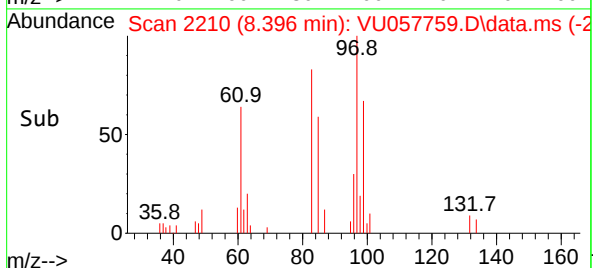
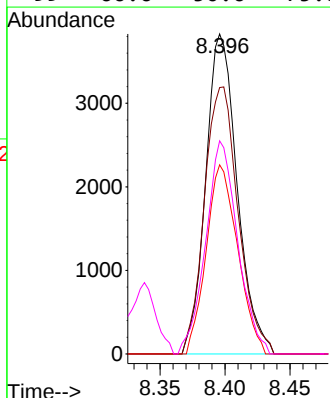
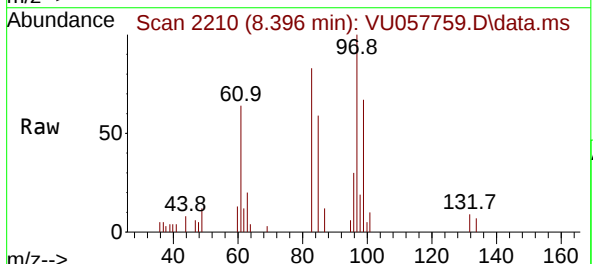
Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

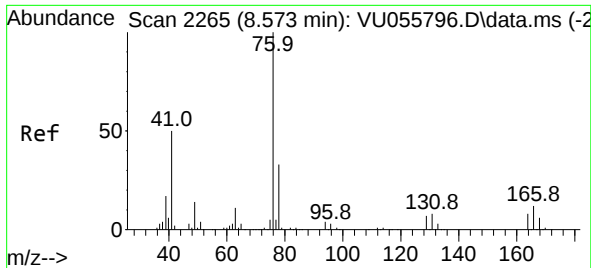


#52
 1,1,2-Trichloroethane
 Concen: 0.714 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU057759.D
 Acq: 31 Jan 2024 11:12

Tgt Ion: 97 Resp: 6463

Ion	Ratio	Lower	Upper
97	100		
83	83.2	71.8	107.8
85	59.1	45.2	67.8
99	66.6	50.6	75.8





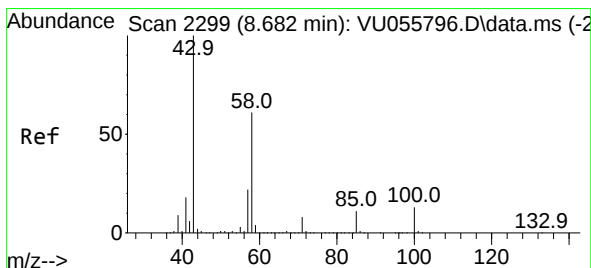
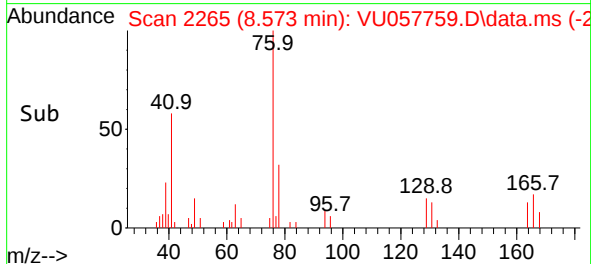
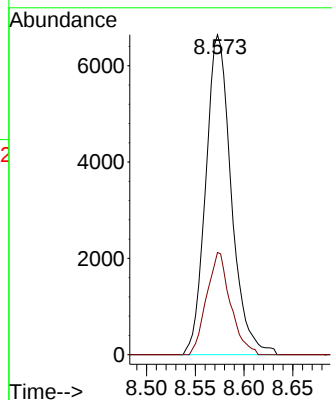
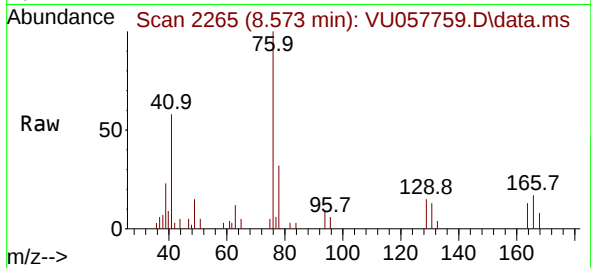
#53
1,3-Dichloropropane
Concen: 0.783 ug/l
RT: 8.573 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 1211
Ion Ratio Lower Upper
76 100
78 29.8 25.9 38.9

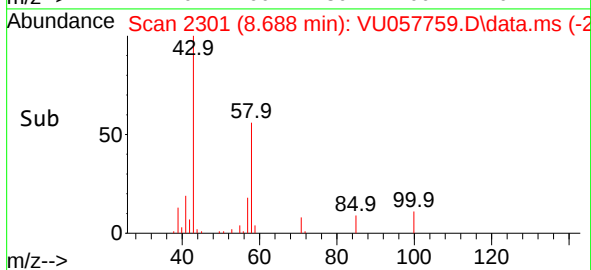
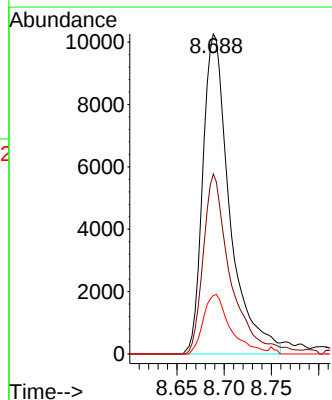
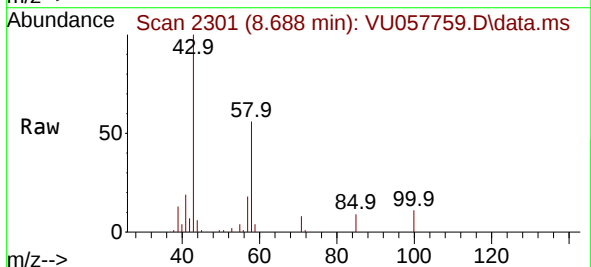
Manual Integrations
APPROVED

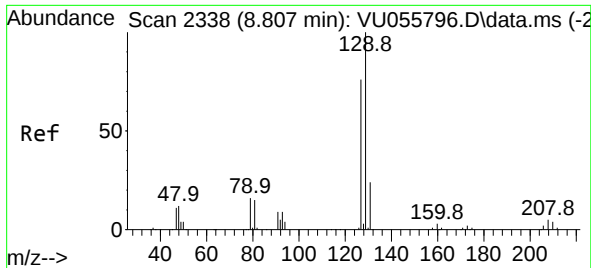
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#54
2-Hexanone
Concen: 2.765 ug/l
RT: 8.688 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

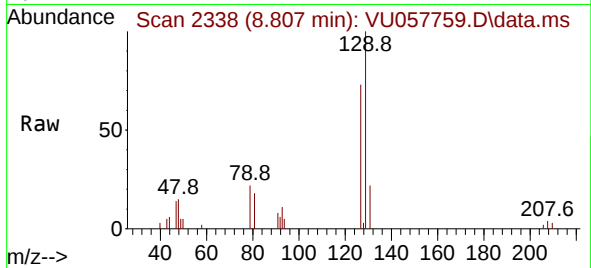
Tgt Ion: 43 Resp: 20308
Ion Ratio Lower Upper
43 100
58 57.0 38.2 78.2
57 18.7 0.0 39.1





#55
Dibromochloromethane
Concen: 0.718 ug/l
RT: 8.807 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

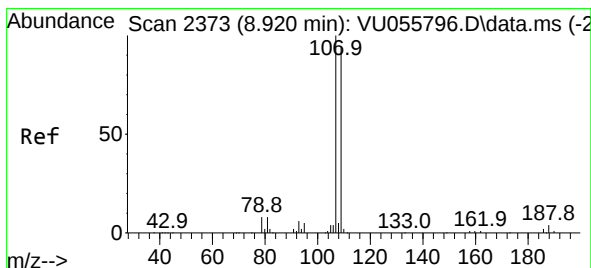
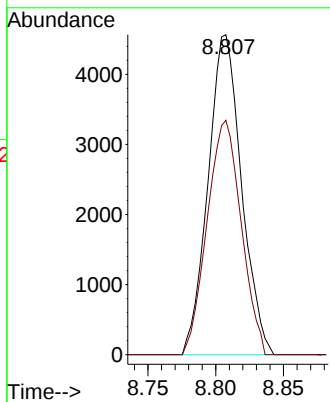
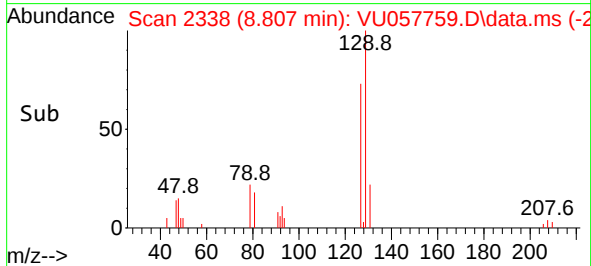
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:129 Resp: 7848
Ion Ratio Lower Upper
129 100
127 74.4 61.4 92.0

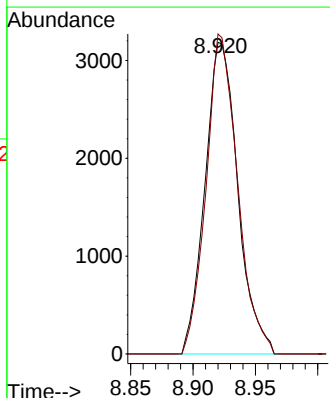
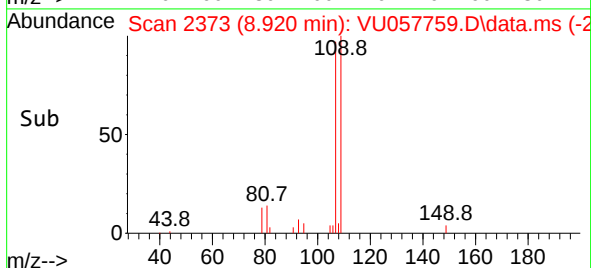
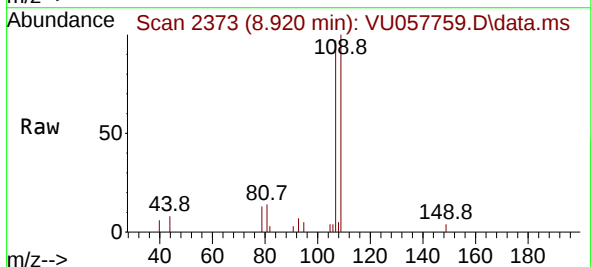
Manual Integrations
APPROVED

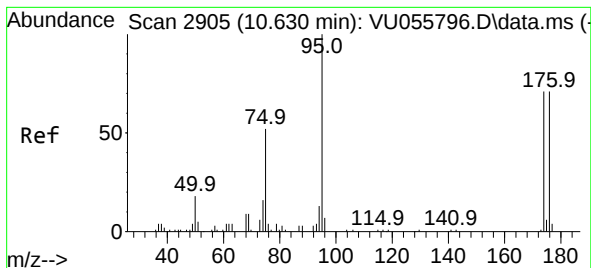
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#56
1,2-Dibromoethane
Concen: 0.707 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

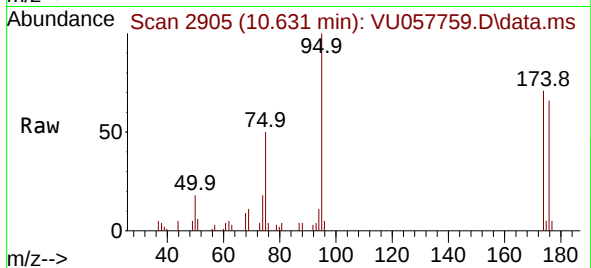
Tgt Ion:107 Resp: 5845
Ion Ratio Lower Upper
107 100
109 98.2 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.964 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

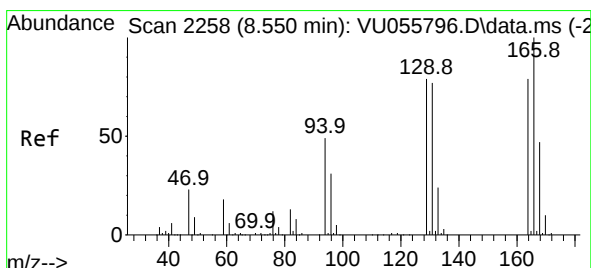
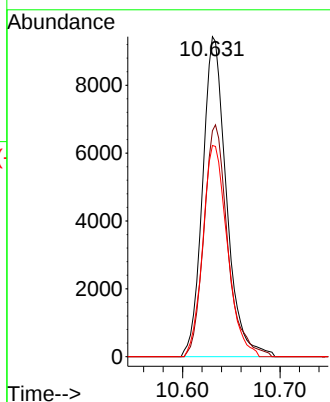
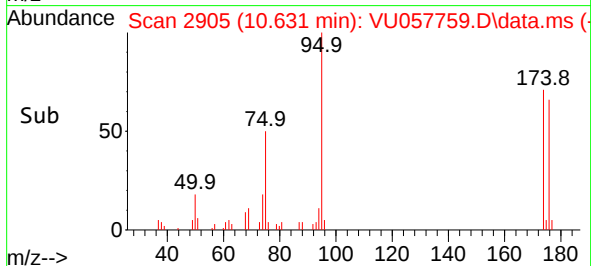
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 95 Resp: 15998
Ion Ratio Lower Upper
95 100
174 72.4 63.3 94.9
176 68.0 59.3 88.9

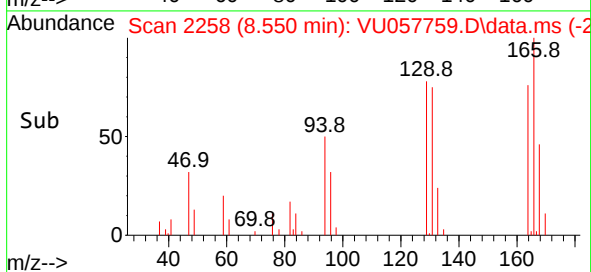
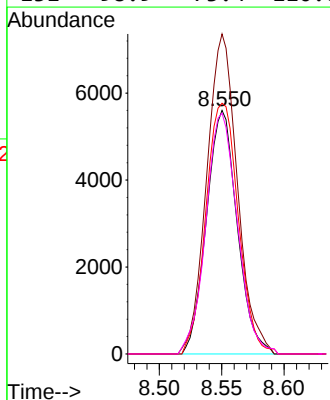
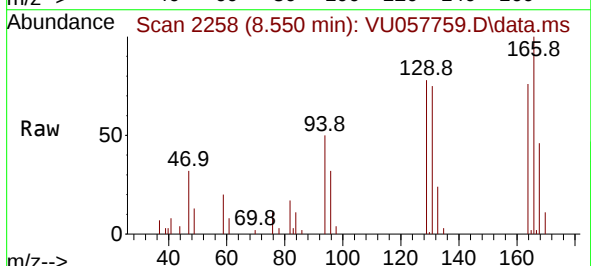
Manual Integrations
APPROVED

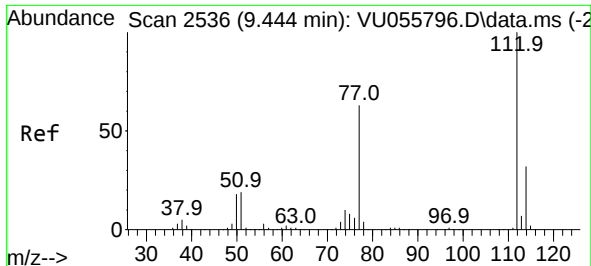
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#58
Tetrachloroethene
Concen: 0.696 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Tgt Ion:164 Resp: 9610
Ion Ratio Lower Upper
164 100
166 131.4 99.6 149.4
129 103.0 78.6 117.8
131 98.9 73.4 110.0





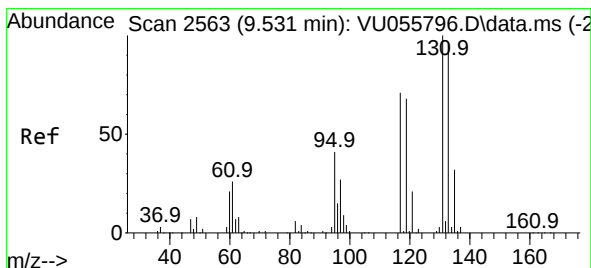
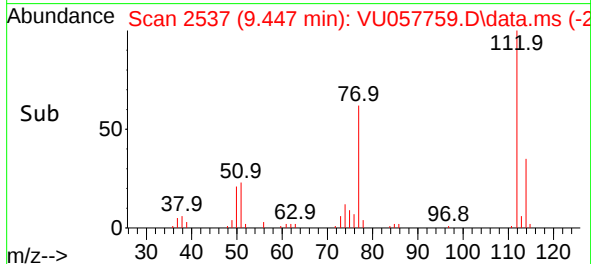
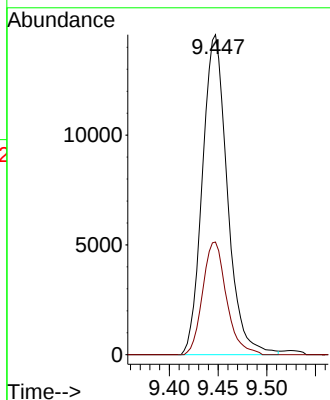
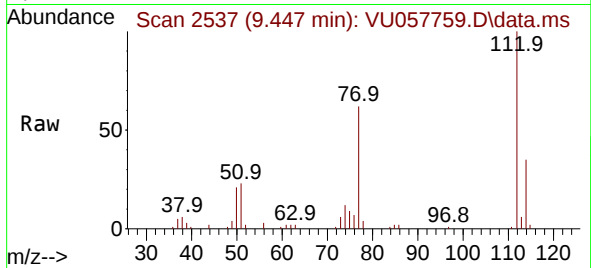
#59
Chlorobenzene
Concen: 0.778 ug/l
RT: 9.447 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 2596
Ion Ratio Lower Upper
112 100
114 35.2 25.6 38.4

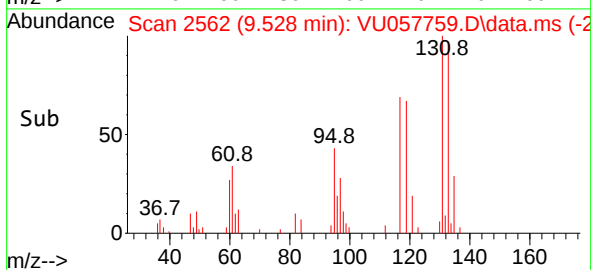
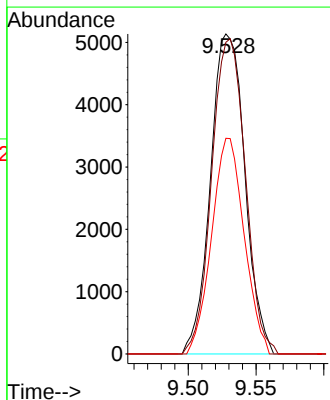
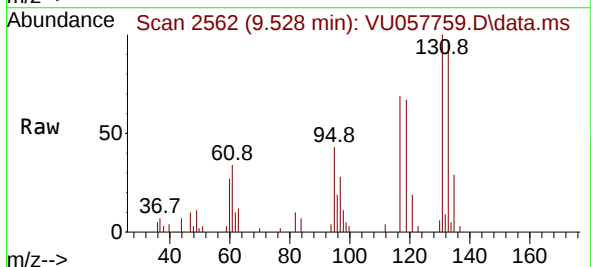
Manual Integrations
APPROVED

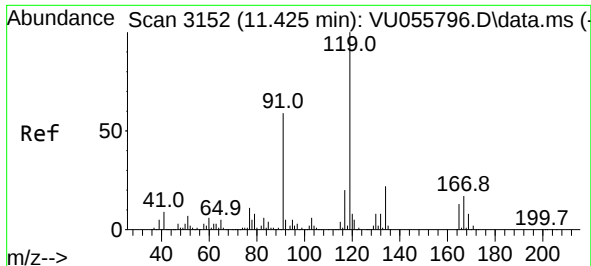
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.762 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Tgt Ion:131 Resp: 9060
Ion Ratio Lower Upper
131 100
133 96.3 77.8 116.6
119 63.7 55.2 82.8





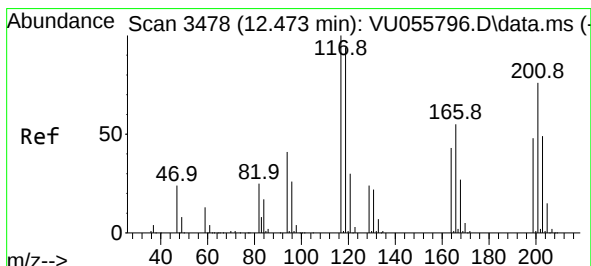
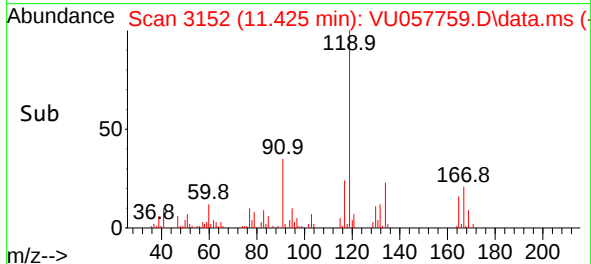
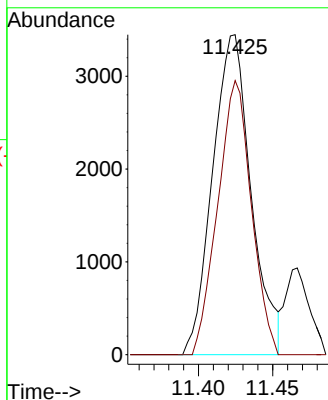
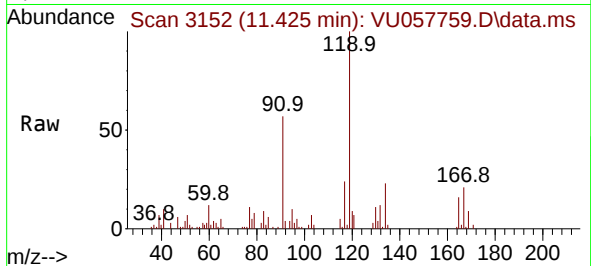
#61
Pentachloroethane
Concen: 0.773 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 622
Ion Ratio Lower Upper
117 100
167 74.6 56.7 85.1

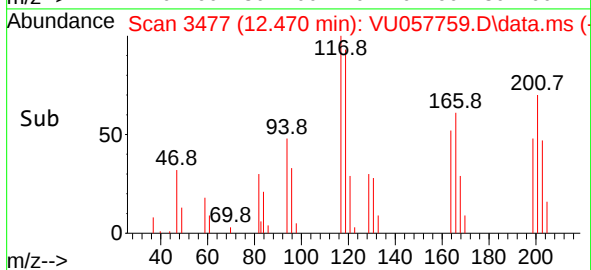
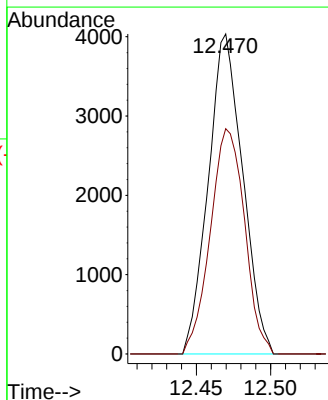
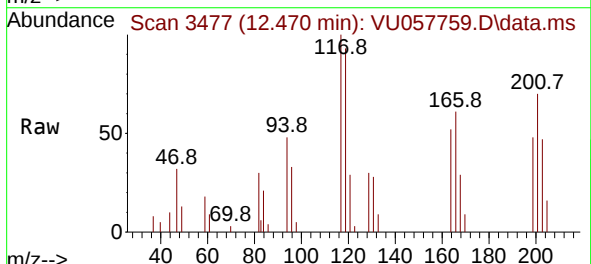
Manual Integrations
APPROVED

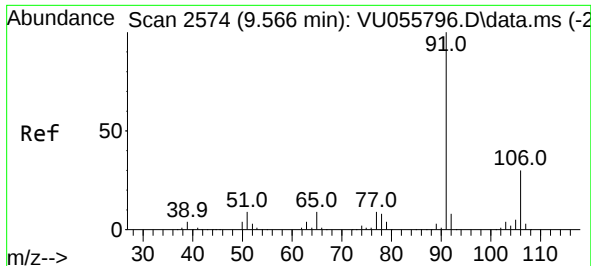
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#62
Hexachloroethane
Concen: 1.001 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Tgt Ion:117 Resp: 6512
Ion Ratio Lower Upper
117 100
201 69.9 59.6 89.4





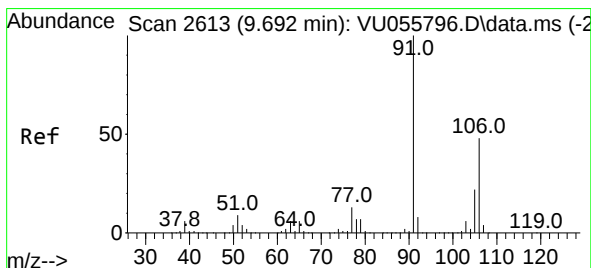
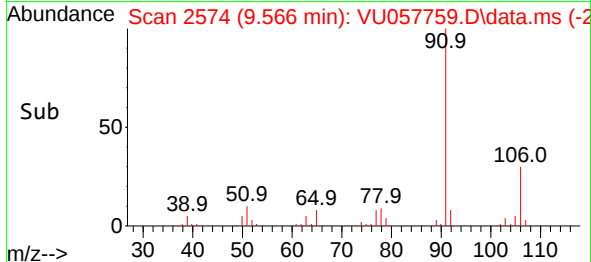
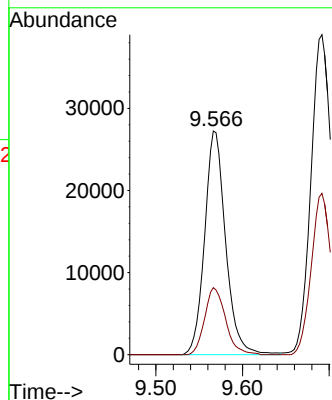
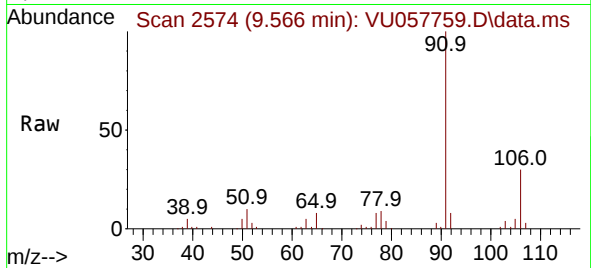
#63
Ethyl Benzene
Concen: 0.810 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 4588
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.2

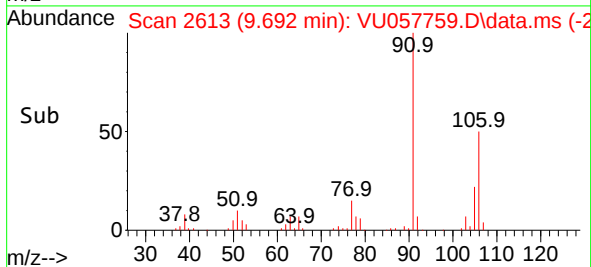
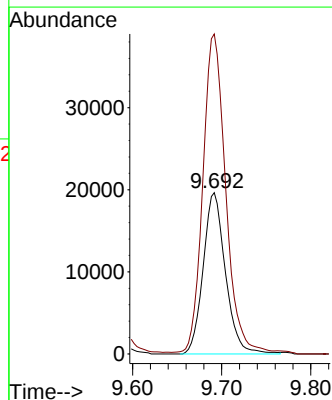
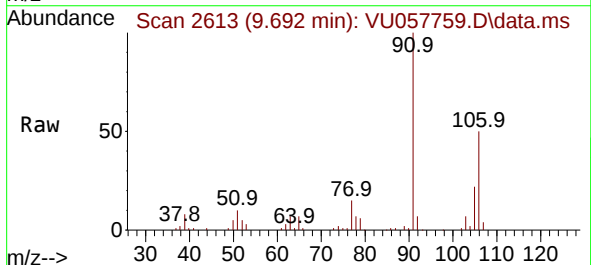
Manual Integrations
APPROVED

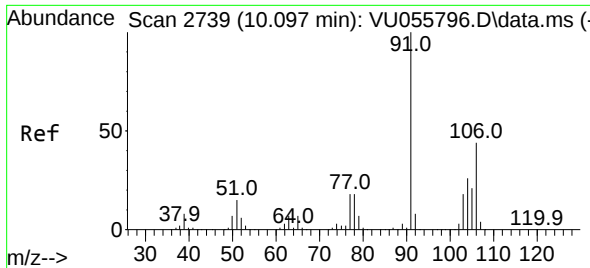
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#64
m/p-Xylenes
Concen: 1.566 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Tgt Ion:106 Resp: 34107
Ion Ratio Lower Upper
106 100
91 200.3 167.3 250.9





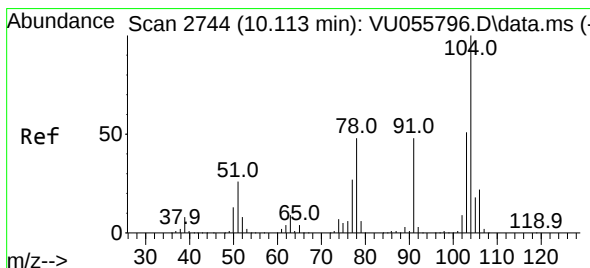
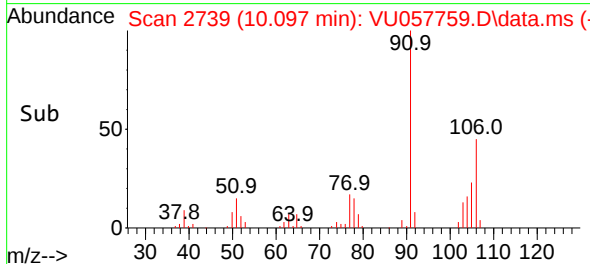
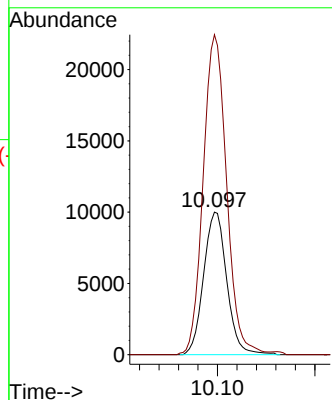
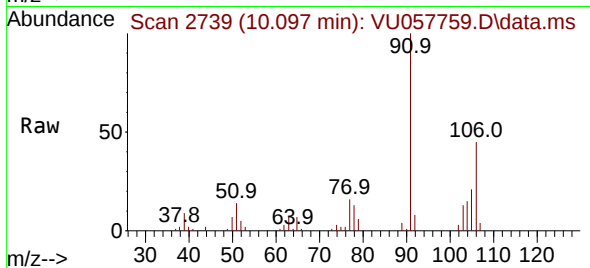
#65
o-Xylene
Concen: 0.773 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 1651
Ion Ratio Lower Upper
106 100
91 226.6 109.3 327.9

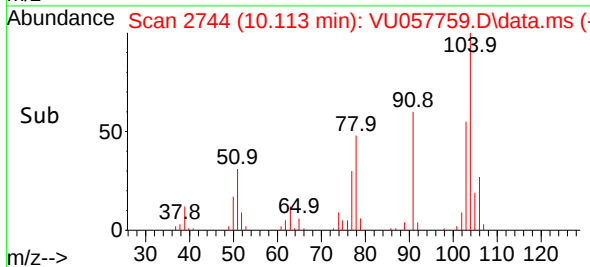
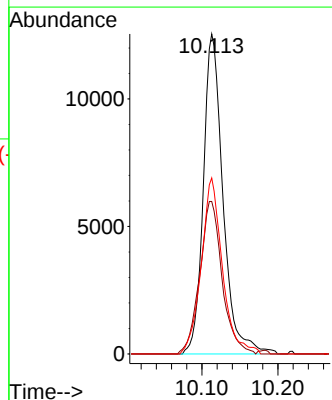
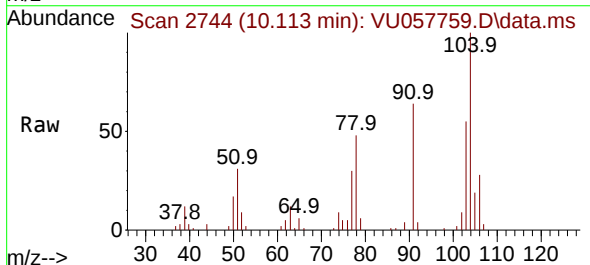
Manual Integrations
APPROVED

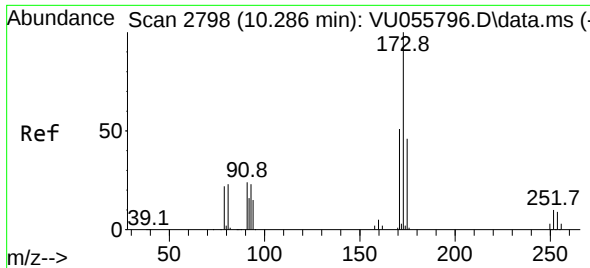
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#66
Styrene
Concen: 0.677 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

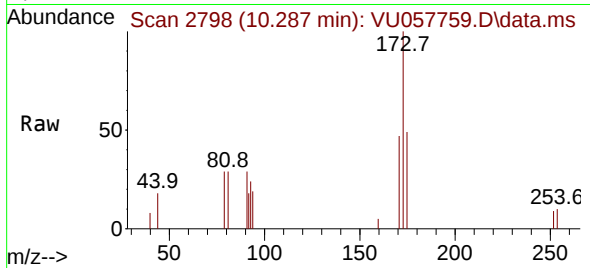
Tgt Ion:104 Resp: 22614
Ion Ratio Lower Upper
104 100
78 54.1 39.7 59.5
103 59.0 44.8 67.2





#67
Bromoform
Concen: 0.629 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

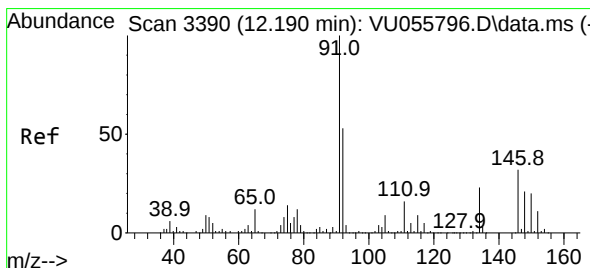
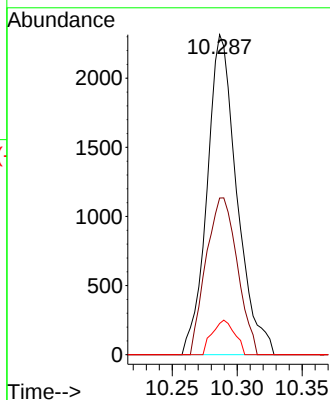
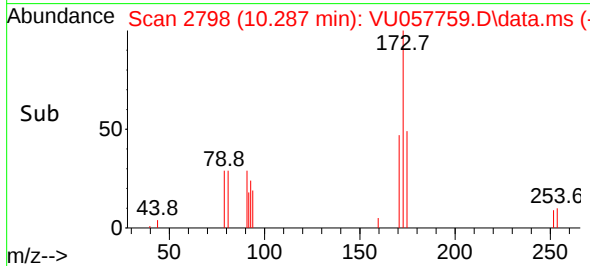
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



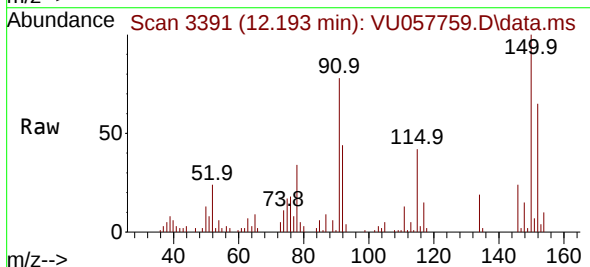
Tgt Ion:173 Resp: 3689
Ion Ratio Lower Upper
173 100
175 51.4 39.0 58.6
254 8.2 7.4 11.0

Manual Integrations
APPROVED

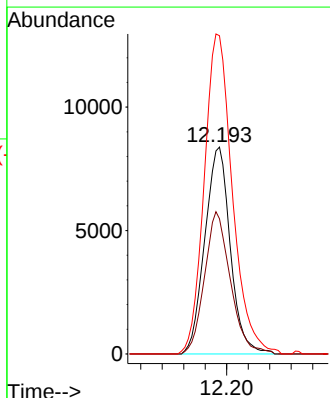
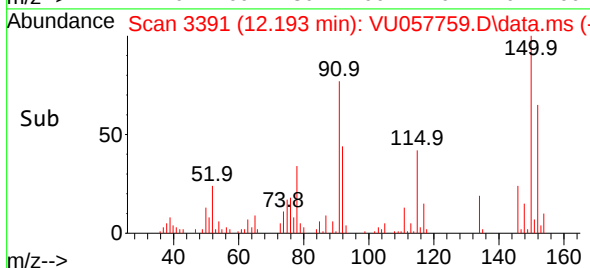
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

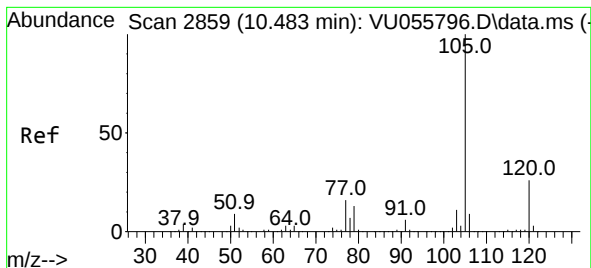


#68
1,2-Dichlorobenzene-d4
Concen: 0.897 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12



Tgt Ion:152 Resp: 13812
Ion Ratio Lower Upper
152 100
115 69.8 0.0 308.8
150 170.7 0.0 635.0





#69

Isopropylbenzene

Concen: 0.760 ug/l

RT: 10.479 min Scan# 2859

Delta R.T. -0.004 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 4180

Ion Ratio Lower Upper

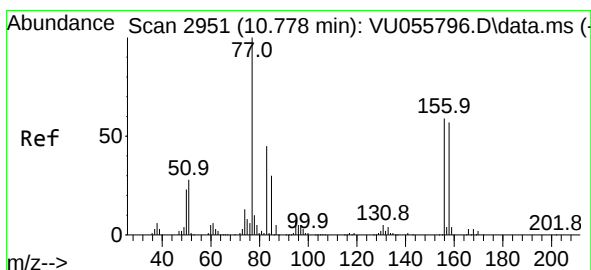
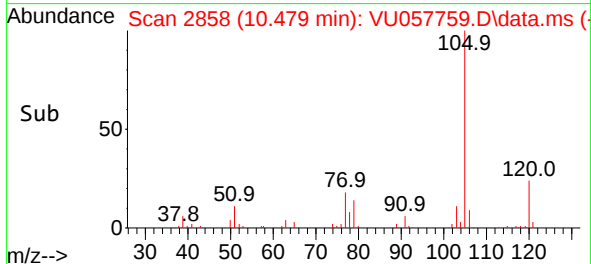
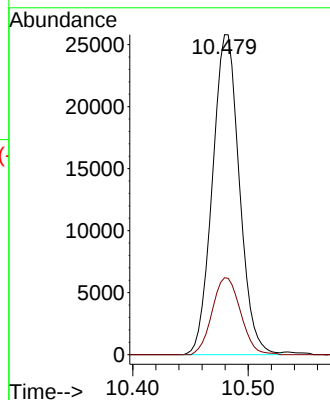
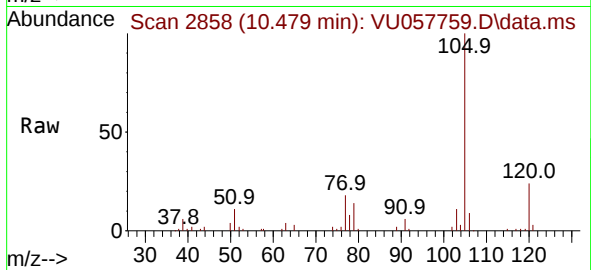
105 100

120 25.3 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 0.789 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

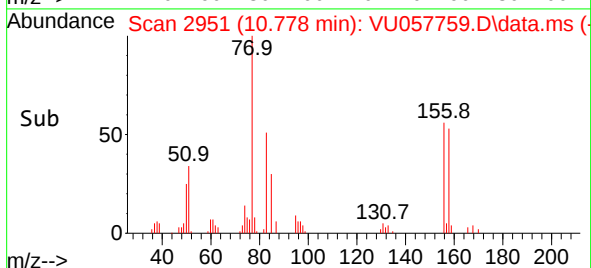
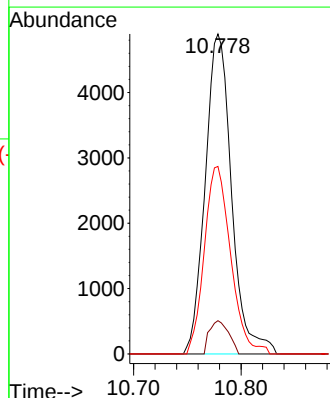
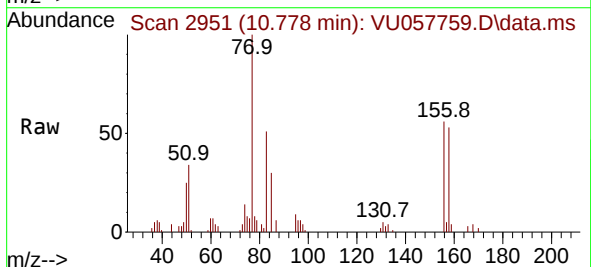
Tgt Ion: 83 Resp: 8352

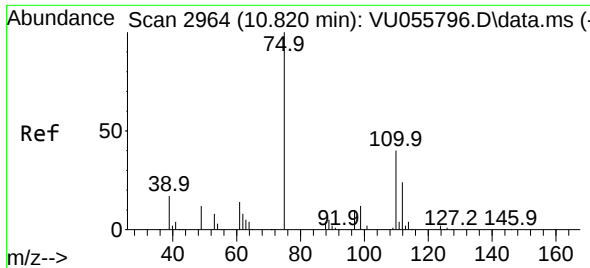
Ion Ratio Lower Upper

83 100

131 7.6 7.2 10.8

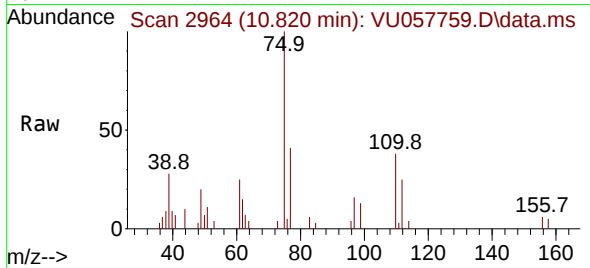
85 58.7 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.768 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

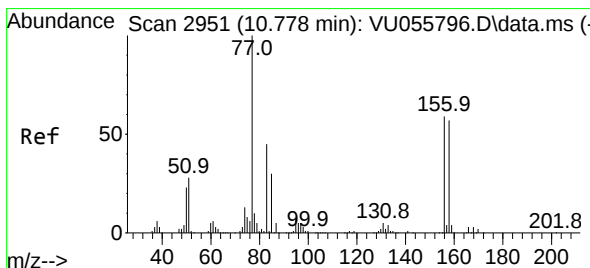
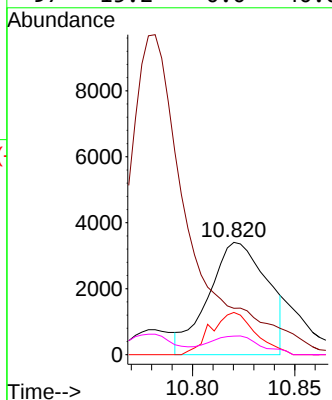
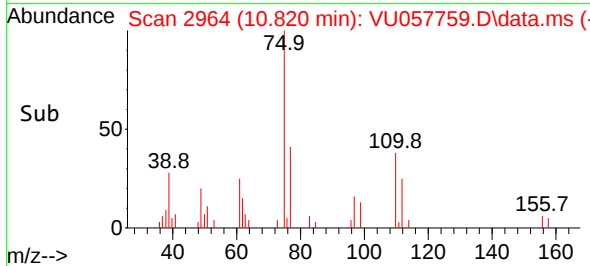
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



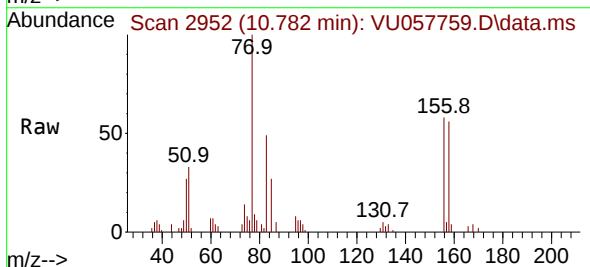
Tgt Ion: 75	Resp: 674
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 116.4
110 28.8	0.0 74.6
97 15.2	0.0 40.0

Manual Integrations
APPROVED

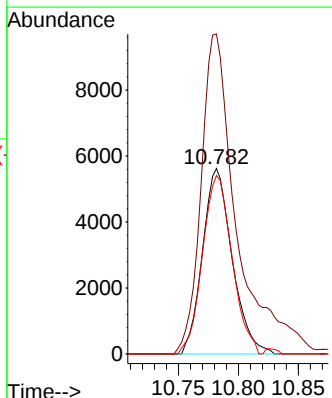
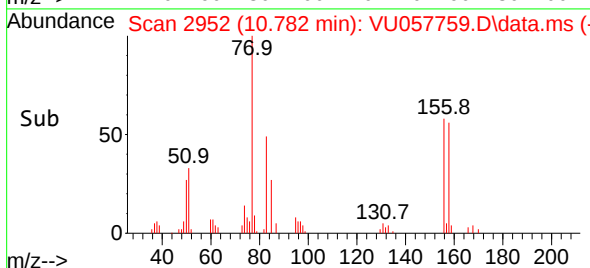
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

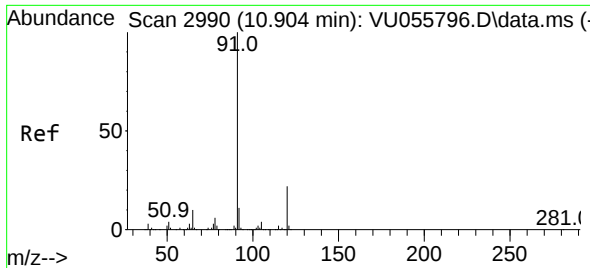


#72
Bromobenzene
Concen: 0.736 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.004 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12



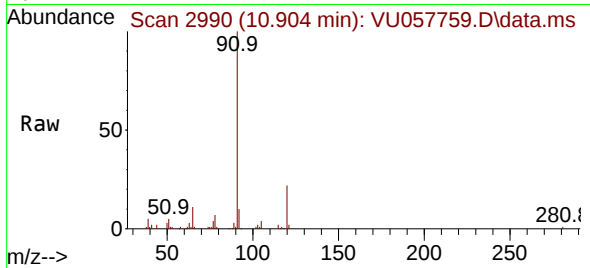
Tgt Ion:156	Resp: 9664
Ion Ratio	Lower Upper
156 100	
77 207.8	0.0 343.0
158 95.9	0.0 194.8





#73
n-propylbenzene
Concen: 1.020 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. -0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

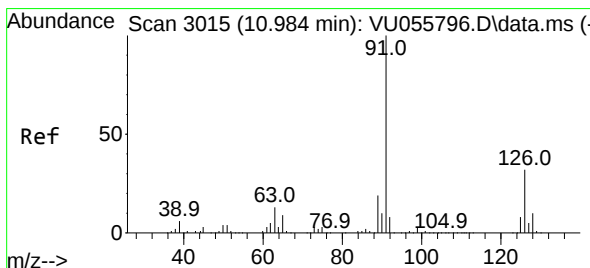
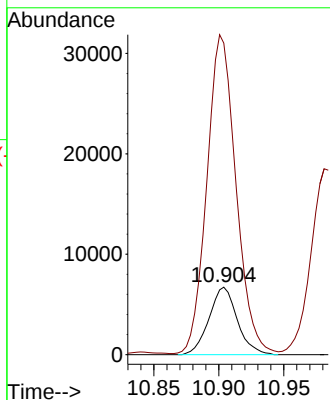
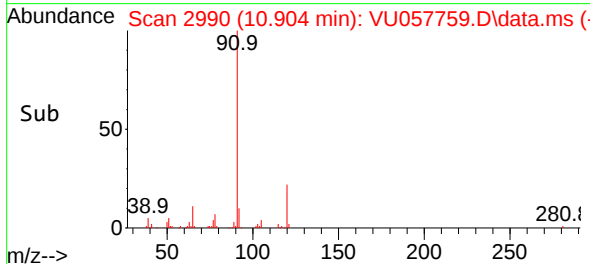
Instrument : MSVOA_U
ClientSampleId : VSTDIC001



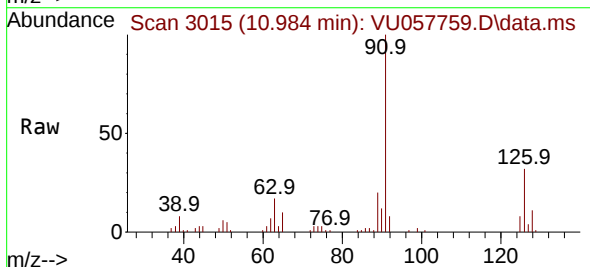
Tgt Ion:120 Resp: 10160
Ion Ratio Lower Upper
120 100
91 485.1 369.8 554.6

Manual Integrations
APPROVED

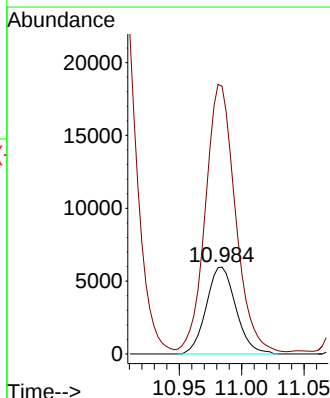
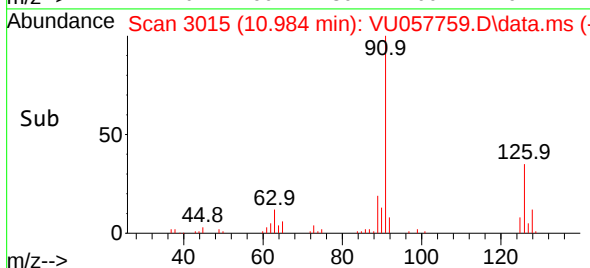
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

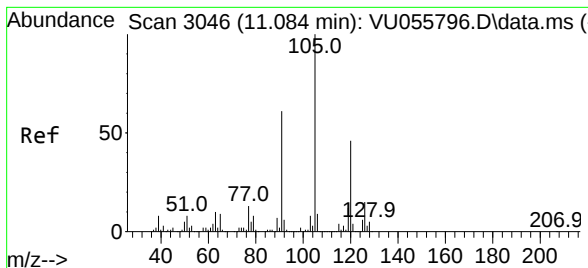


#74
2-Chlorotoluene
Concen: 0.746 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12



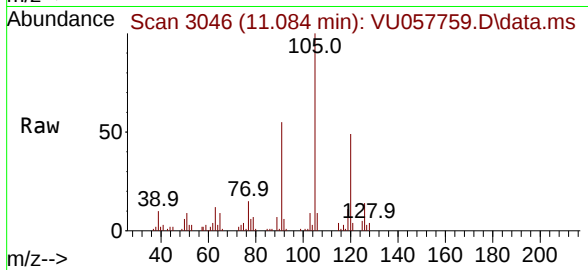
Tgt Ion:126 Resp: 9839
Ion Ratio Lower Upper
126 100
91 311.2 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 1.047 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

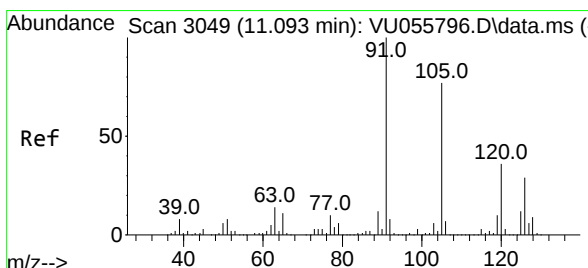
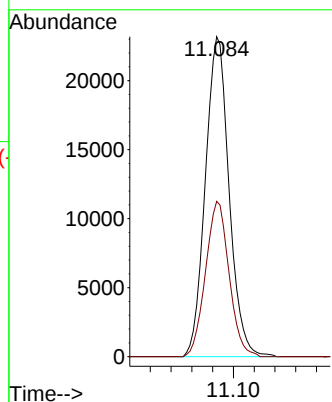
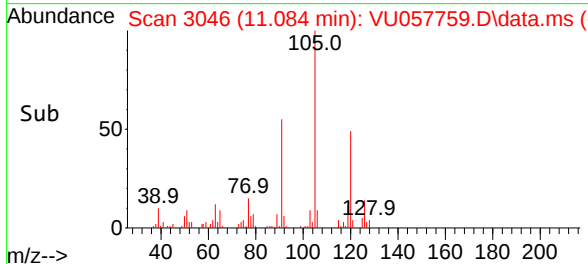
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



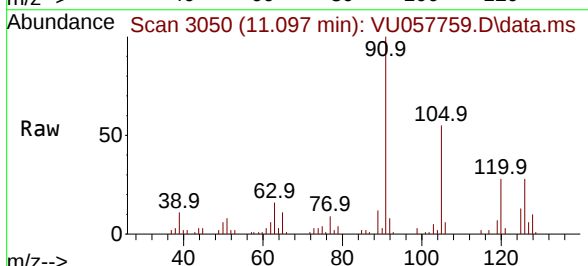
Tgt Ion:105 Resp: 3674
Ion Ratio Lower Upper
105 100
120 48.1 37.8 56.8

Manual Integrations
APPROVED

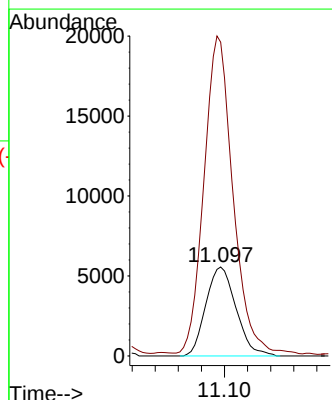
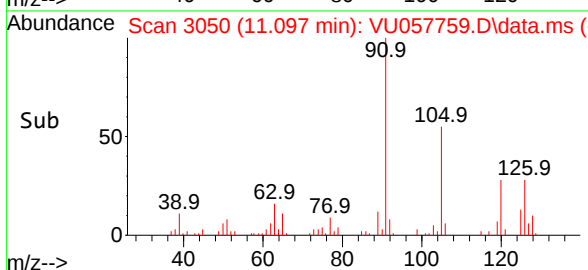
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

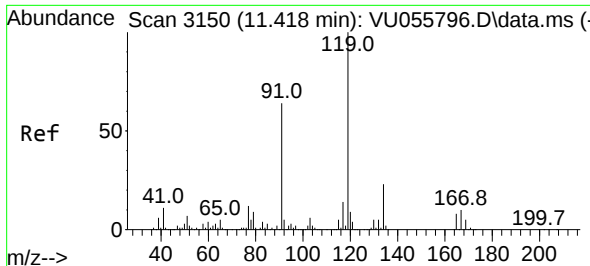


#76
4-Chlorotoluene
Concen: 0.751 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.004 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12



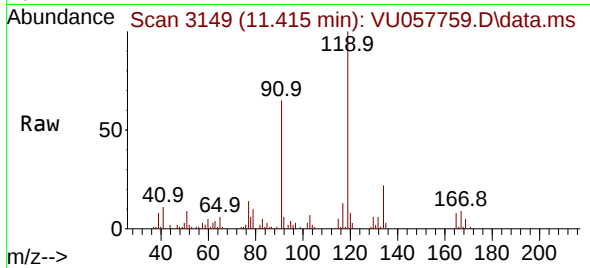
Tgt Ion:126 Resp: 10094
Ion Ratio Lower Upper
126 100
91 341.7 0.0 686.2





#77
tert-Butylbenzene
Concen: 1.119 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

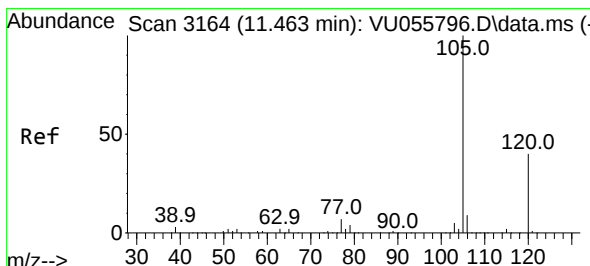
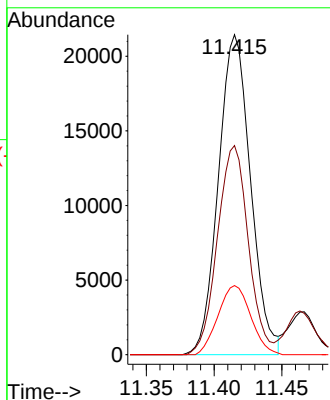
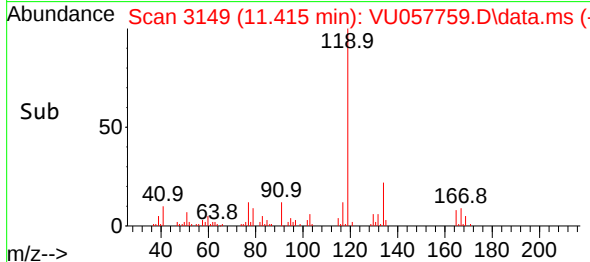
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



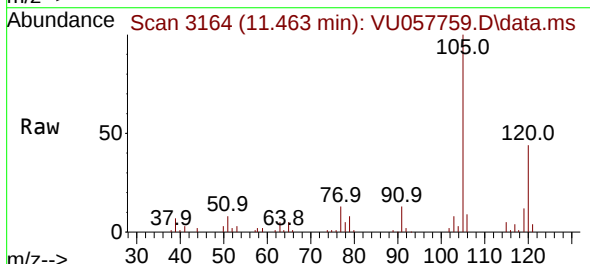
Tgt Ion:119 Resp: 35379
Ion Ratio Lower Upper
119 100
91 63.0 30.8 92.4
134 22.0 18.0 27.0

Manual Integrations
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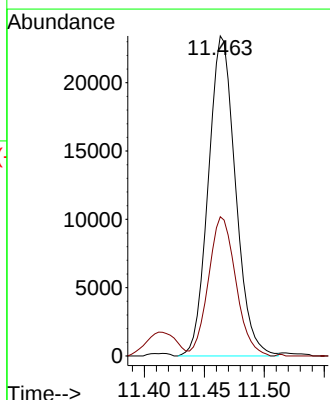
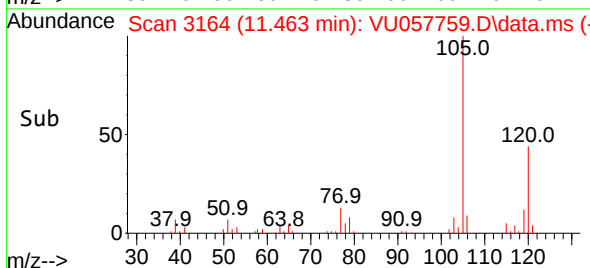
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

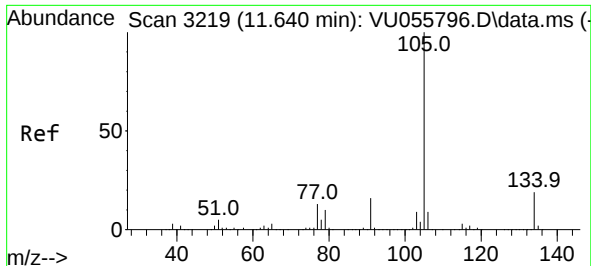


#78
1,2,4-Trimethylbenzene
Concen: 1.063 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12



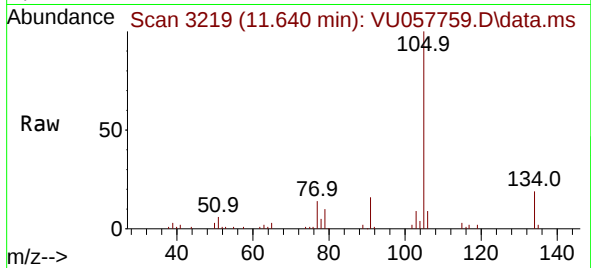
Tgt Ion:105 Resp: 36908
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.8





#79
sec-Butylbenzene
Concen: 1.154 ug/l
RT: 11.640 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

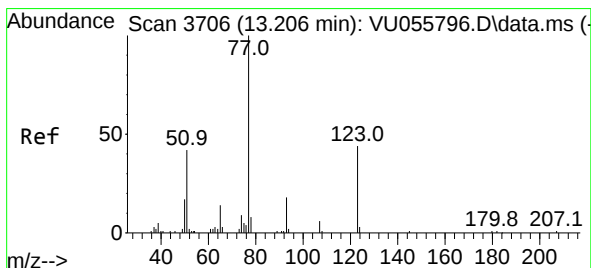
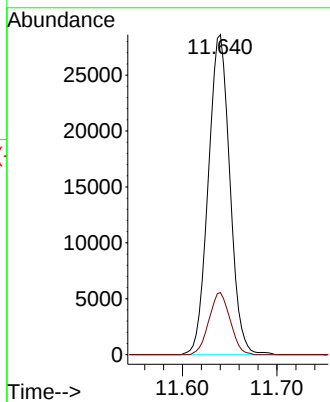
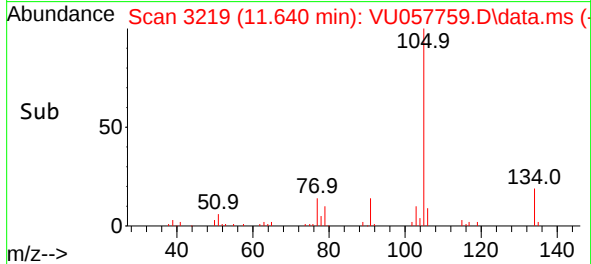
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion:105 Resp: 45374
Ion Ratio Lower Upper
105 100
134 19.1 14.9 22.3

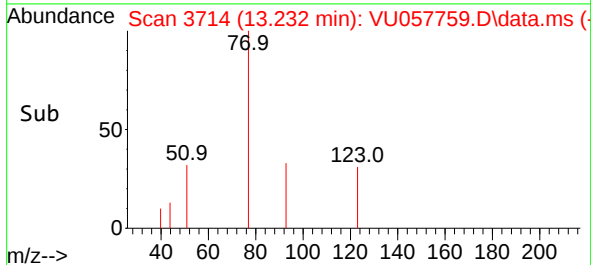
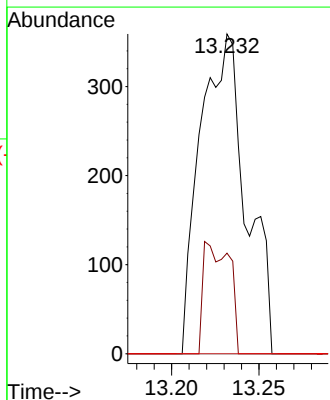
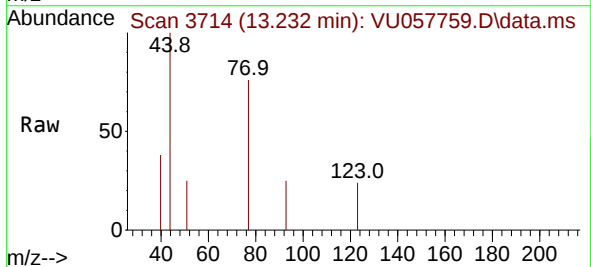
Manual Integrations
APPROVED

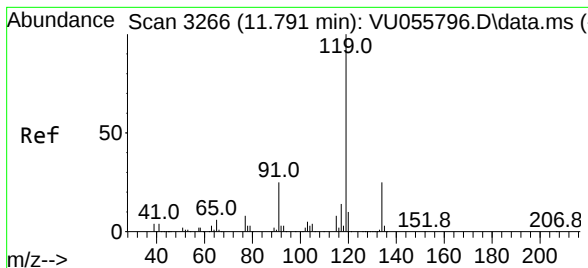
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#80
Nitrobenzene
Concen: 4.690 ug/l m
RT: 13.232 min Scan# 3714
Delta R.T. 0.026 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Tgt Ion: 77 Resp: 654
Ion Ratio Lower Upper
77 100
123 19.9 19.7 69.7
65 0.0 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 1.180 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.003 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

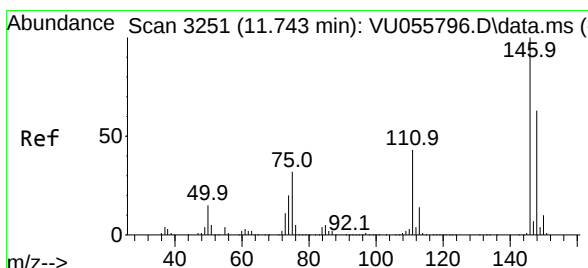
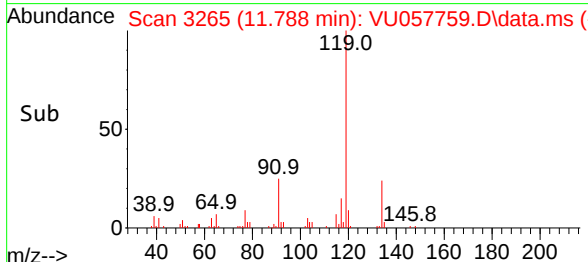
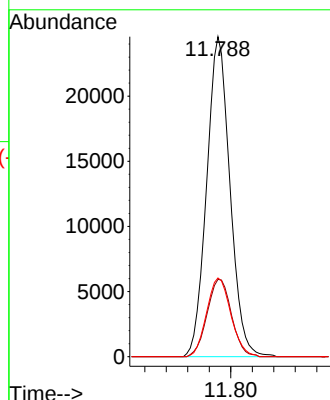
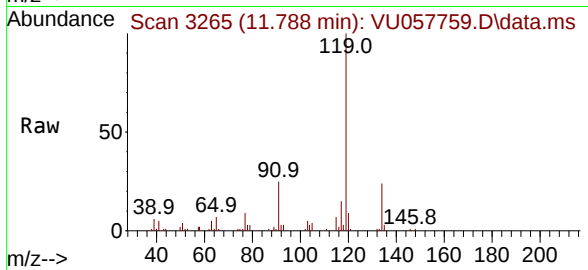
VSTDICC001

Tgt Ion:	119	Resp:	3688
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 :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#82

1,3-Dichlorobenzene

Concen: 0.728 ug/l

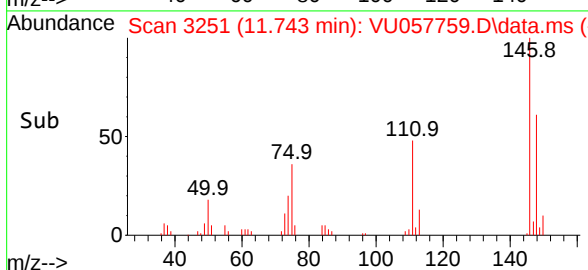
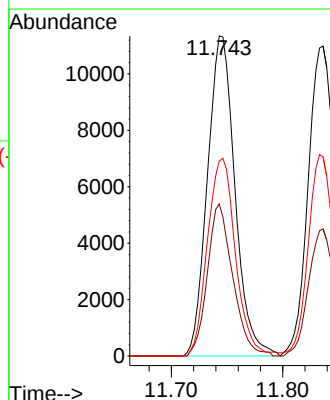
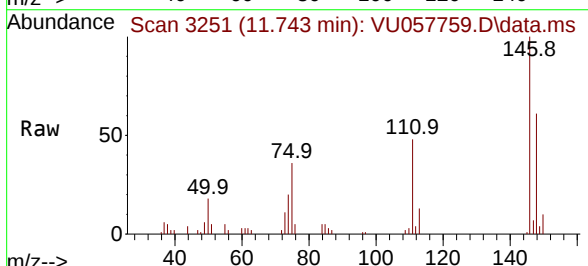
RT: 11.743 min Scan# 3251

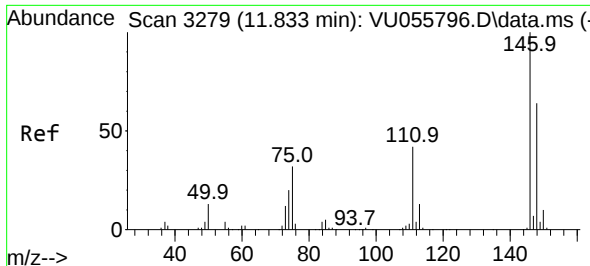
Delta R.T. 0.000 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

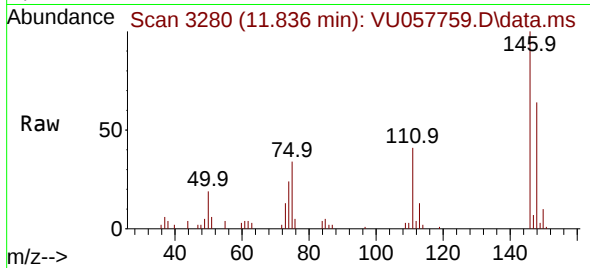
Tgt Ion:	146	Resp:	19493
Ion Ratio	Lower	Upper	
146	100		
111	43.8	32.6	49.0
148	62.9	51.0	76.4





#83
1,4-Dichlorobenzene
Concen: 0.744 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

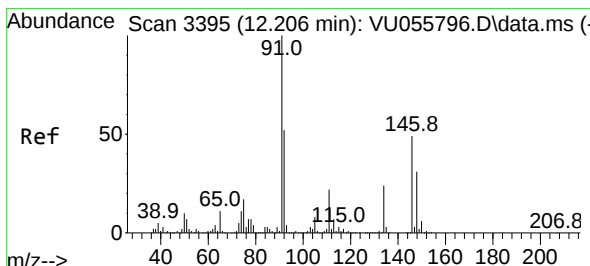
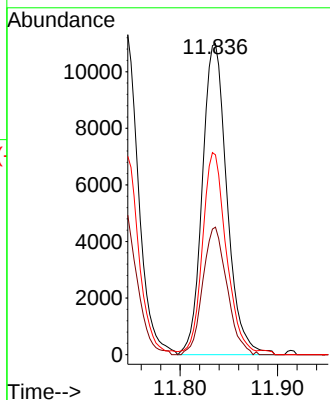
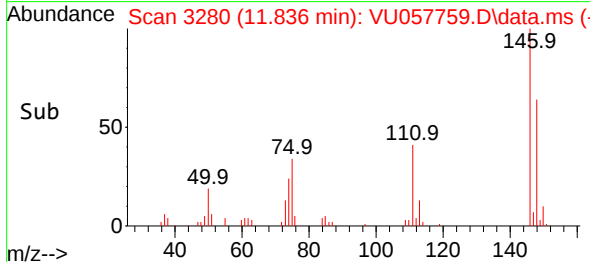
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



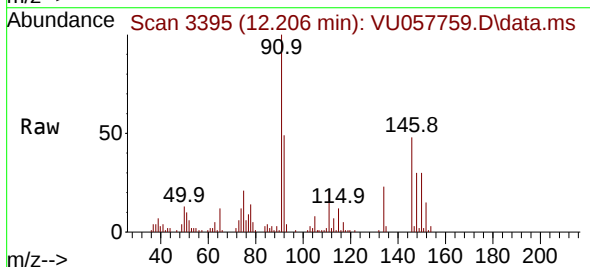
Tgt Ion:146 Resp: 1929
Ion Ratio Lower Upper
146 100
111 40.4 31.6 47.4
148 60.8 50.3 75.5

Manual Integrations
APPROVED

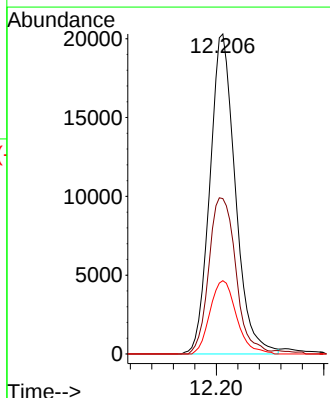
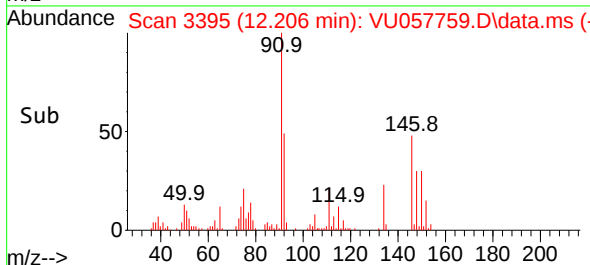
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

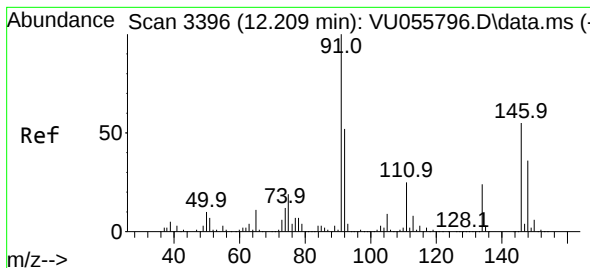


#84
n-Butylbenzene
Concen: 1.221 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12



Tgt Ion: 91 Resp: 33347
Ion Ratio Lower Upper
91 100
92 51.8 40.8 61.2
134 23.8 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 0.706 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

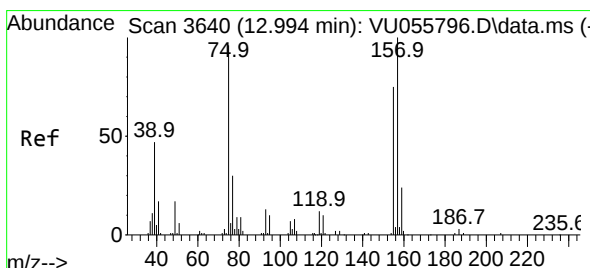
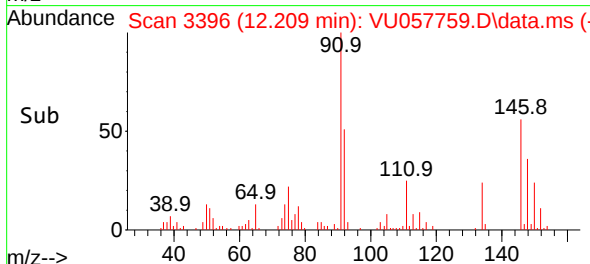
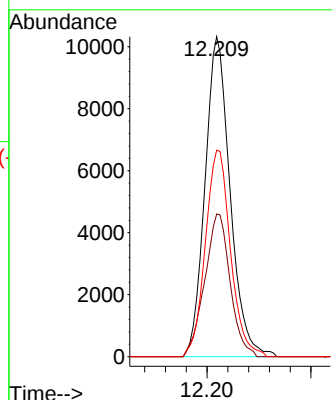
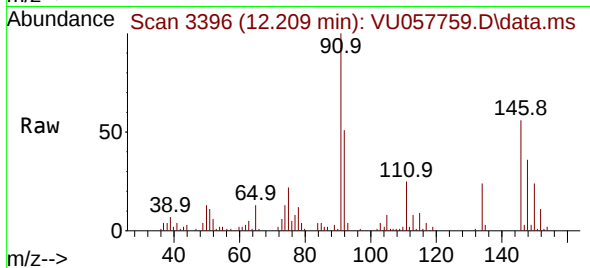
VSTDICC001

Tgt Ion:	146	Resp:	1727
Ion Ratio	Lower	Upper	
146	100		
111	45.1	21.6	64.6
148	64.8	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.709 ug/l

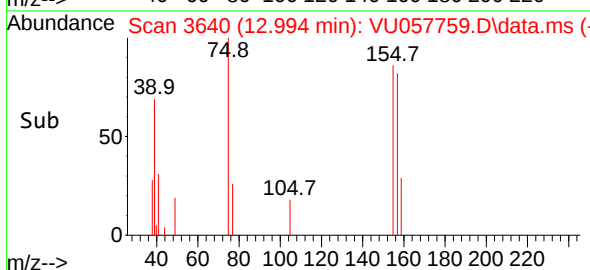
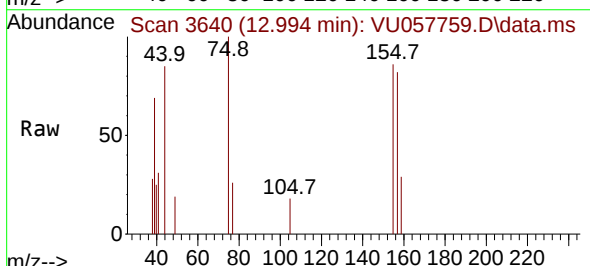
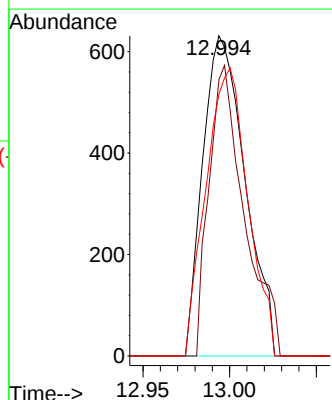
RT: 12.994 min Scan# 3640

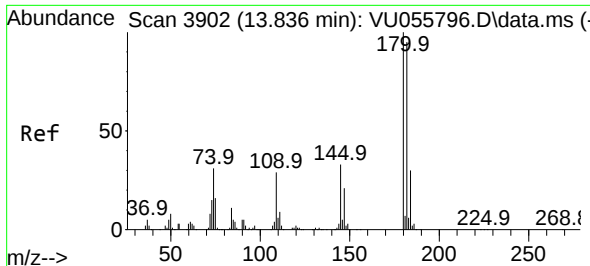
Delta R.T. -0.000 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

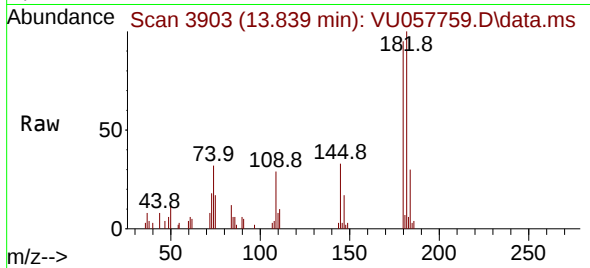
Tgt Ion:	75	Resp:	1071
Ion Ratio	Lower	Upper	
75	100		
155	76.0	61.8	92.8
157	89.3	80.2	120.4





#87
1,2,4-Trichlorobenzene
Concen: 1.041 ug/l
RT: 13.839 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

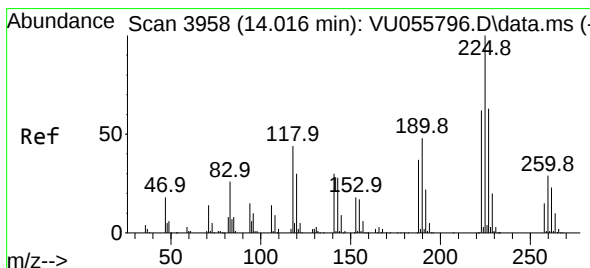
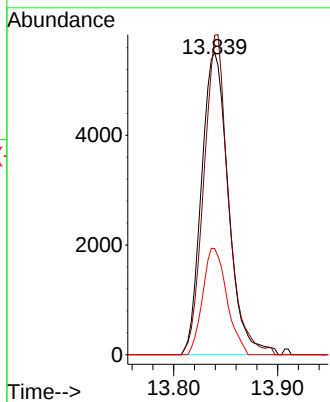
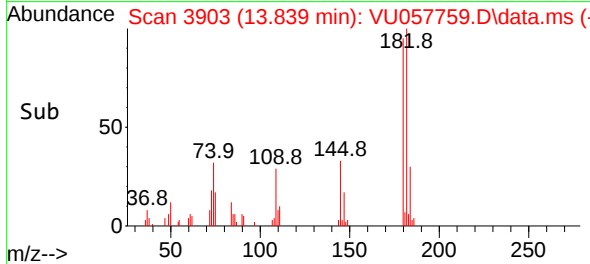
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:180 Resp: 9930
Ion Ratio Lower Upper
180 100
182 96.8 75.8 113.6
145 31.5 23.9 35.9

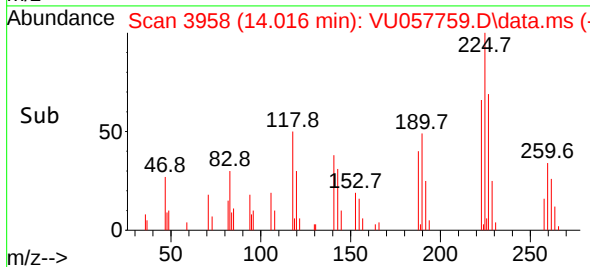
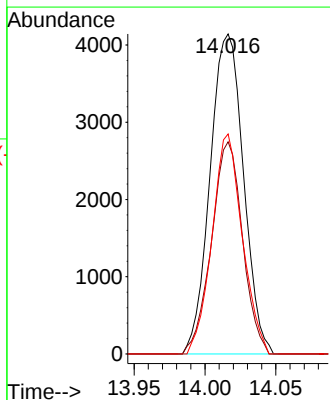
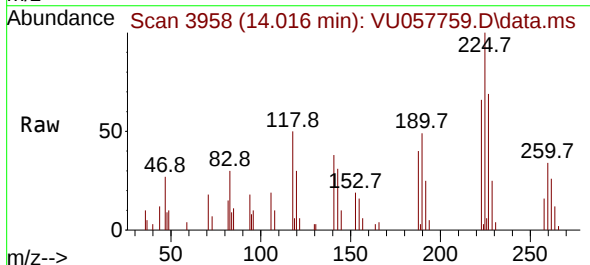
Manual Integrations
APPROVED

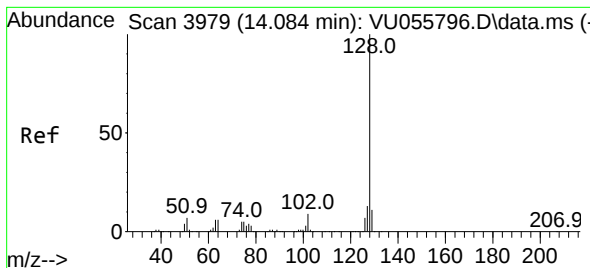
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#88
Hexachlorobutadiene
Concen: 0.736 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU057759.D
Acq: 31 Jan 2024 11:12

Tgt Ion:225 Resp: 6800
Ion Ratio Lower Upper
225 100
223 61.5 50.2 75.4
227 62.2 51.5 77.3





#89

Naphthalene

Concen: 1.194 ug/l

RT: 14.090 min Scan# 3979

Delta R.T. 0.006 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Instrument :

MSVOA_U

ClientSampleId :

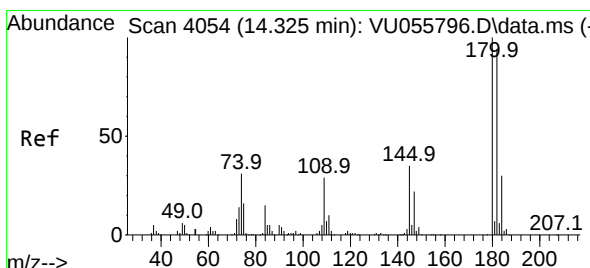
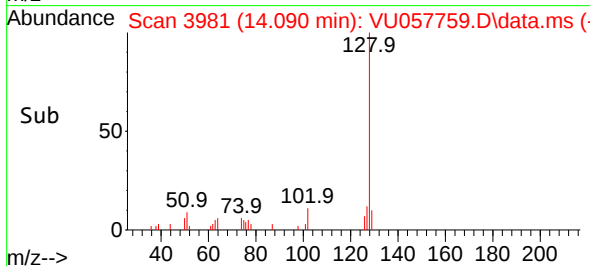
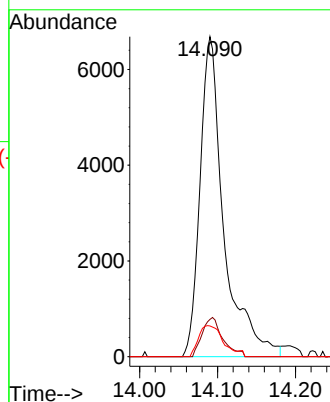
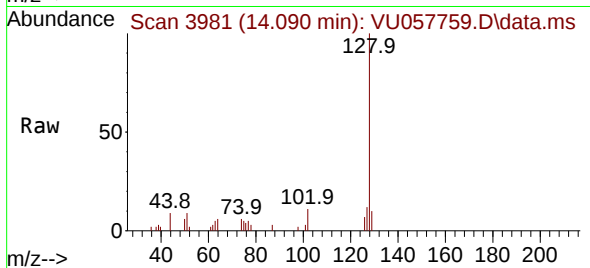
VSTDICC001

Tgt Ion:128	Resp:	14218
Ion Ratio	Lower	Upper
128	100	
127	10.5	10.9 16.3
129	10.1	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#90

1,2,3-Trichlorobenzene

Concen: 1.036 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU057759.D

Acq: 31 Jan 2024 11:12

Tgt Ion:180	Resp:	8156
Ion Ratio	Lower	Upper
180	100	
182	95.7	75.7 113.5
145	34.2	26.1 39.1

