

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013124\
 Data File : VU057763.D
 Acq On : 31 Jan 2024 13:22
 Operator : MD/SY
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 15:32:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jan 31 15:31:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	44536	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	17591	1.043	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	16334	1.076	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	225990	15.239	ug/l	100
3) Chloromethane	1.518	50	210073	14.763	ug/l	99
4) Vinyl Chloride	1.602	62	223590	15.411	ug/l	100
5) Bromomethane	1.856	94	134996	15.678	ug/l	99
6) Chloroethane	1.933	64	136697	14.913	ug/l	99
7) Trichlorofluoromethane	2.132	101	356882	16.062	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	175617	15.374	ug/l	96
9) 1,1-Dichloroethene	2.573	96	169859	15.346	ug/l	98
10) Iodomethane	2.718	142	223477	17.024	ug/l	94
11) Allyl Chloride	2.917	41	238862	15.910	ug/l	86
12) Acrylonitrile	3.322	53	66462	34.381	ug/l	96
13) Acetone	2.653	43	267808	78.337	ug/l	94
14) Carbon Disulfide	2.785	76	548114	15.471	ug/l	99
15) Methylene Chloride	3.039	84	188633	14.269	ug/l	98
16) trans-1,2-Dichloroethene	3.345	96	188655	15.611	ug/l	98
17) 1,1-Dichloroethane	3.859	63	359867	15.774	ug/l	99
18) 2-Butanone	4.714	43	308329	83.679	ug/l	98
19) Cyclohexane	5.383	56	271816	15.204	ug/l	85
20) Methylcyclohexane	6.756	83	345017	15.969	ug/l	96
21) 2,2-Dichloropropane	4.657	77	322484	15.919	ug/l	97
22) cis-1,2-Dichloroethene	4.657	96	205401	15.519	ug/l	96
23) Diethyl Ether	2.370	59	124162	15.541	ug/l	98
24) tert-Butyl Alcohol	3.348	59	141136m	162.947	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	410499	15.806	ug/l	93
26) Bromochloromethane	4.965	128	82407	15.499	ug/l	99
27) Chloroform	5.081	83	366892	15.469	ug/l	95
28) 1,1,1-Trichloroethane	5.309	97	339426	15.849	ug/l	99
29) 1,1-Dichloropropene	5.518	75	278423	16.069	ug/l	97
30) Carbon Tetrachloride	5.518	117	294071	15.937	ug/l	99
31) Isopropyl Ether	3.981	45	534988	16.025	ug/l	94
32) Ethyl-t-butyl ether	4.493	59	502115	16.199	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	435889	16.704	ug/l	97
34) Propionitrile	4.808	54	69940	76.311	ug/l	93
35) Benzene	5.766	78	776148	15.558	ug/l	100
36) 1,2-Dichloroethane	5.785	62	227244	15.632	ug/l	97
37) Trichloroethene	6.537	130	206095	15.556	ug/l	97
38) 1,2-Dichloropropane	6.782	63	201454	15.574	ug/l	100
39) Methacrylonitrile	4.968	41	50912	16.799	ug/l	97
40) Methyl acrylate	4.843	55	96703	15.255	ug/l	97
41) Tetrahydrofuran	5.062	42	51976	31.982	ug/l	# 80
42) 1-Chlorobutane	5.451	56	365645	16.006	ug/l	98
43) Dibromomethane	6.914	93	94564	15.896	ug/l	97
44) Bromodichloromethane	7.100	83	262913	15.785	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	531647	83.858	ug/l	98
46) t-1,4-Dichloro-2-butene	10.840	75	50841m	17.069	ug/l	
47) Methyl methacrylate	6.955	69	174822	33.269	ug/l	93
48) Ethyl methacrylate	8.332	69	180301	17.118	ug/l	97
49) Toluene	7.965	92	484815	15.909	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	241746	16.812	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	294961	16.194	ug/l	95
52) 1,1,2-Trichloroethane	8.393	97	128664	15.696	ug/l	99
53) 1,3-Dichloropropane	8.570	76	231967	15.745	ug/l	98
54) 2-Hexanone	8.688	43	479457	82.152	ug/l	98
55) Dibromochloromethane	8.804	129	164373	16.201	ug/l	100
56) 1,2-Dibromoethane	8.917	107	122940	16.297	ug/l	98
58) Tetrachloroethene	8.547	164	178609	15.279	ug/l	96
59) Chlorobenzene	9.441	112	542219	16.093	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	186595	16.313	ug/l	97
61) Pentachloroethane	11.422	117	150978	18.157	ug/l	88
62) Hexachloroethane	12.470	117	168720	15.092	ug/l	96
63) Ethyl Benzene	9.566	91	970960	16.204	ug/l	100
64) m/p-Xylenes	9.688	106	723659	33.252	ug/l	96
65) o-Xylene	10.094	106	360805	16.749	ug/l	96
66) Styrene	10.110	104	571363	17.770	ug/l	96
67) Bromoform	10.287	173	92048	17.626	ug/l	100
69) Isopropylbenzene	10.479	105	965204	17.091	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	170815	16.627	ug/l	98
71) 1,2,3-Trichloropropane	10.823	75	151599m	18.124	ug/l	
72) Bromobenzene	10.778	156	210085	16.904	ug/l	98
73) n-propylbenzene	10.901	120	251634	17.732	ug/l	97
74) 2-Chlorotoluene	10.981	126	224962	17.089	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	815013	16.801	ug/l	99
76) 4-Chlorotoluene	11.094	126	228332	17.258	ug/l	94
77) tert-Butylbenzene	11.415	119	784913	17.243	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	834556	16.962	ug/l	100
79) sec-Butylbenzene	11.637	105	996118	17.120	ug/l	98
80) Nitrobenzene	13.203	77	20306	74.775	ug/l #	94
81) p-Isopropyltoluene	11.788	119	846394	17.253	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	420773	16.747	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	411203	16.765	ug/l	97
84) n-Butylbenzene	12.203	91	833690	17.770	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	382771	16.790	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	25749	14.994	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	241037	17.695	ug/l	98
88) Hexachlorobutadiene	14.016	225	145530	16.651	ug/l	99
89) Naphthalene	14.081	128	370669	18.093	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	194016	17.121	ug/l	99

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

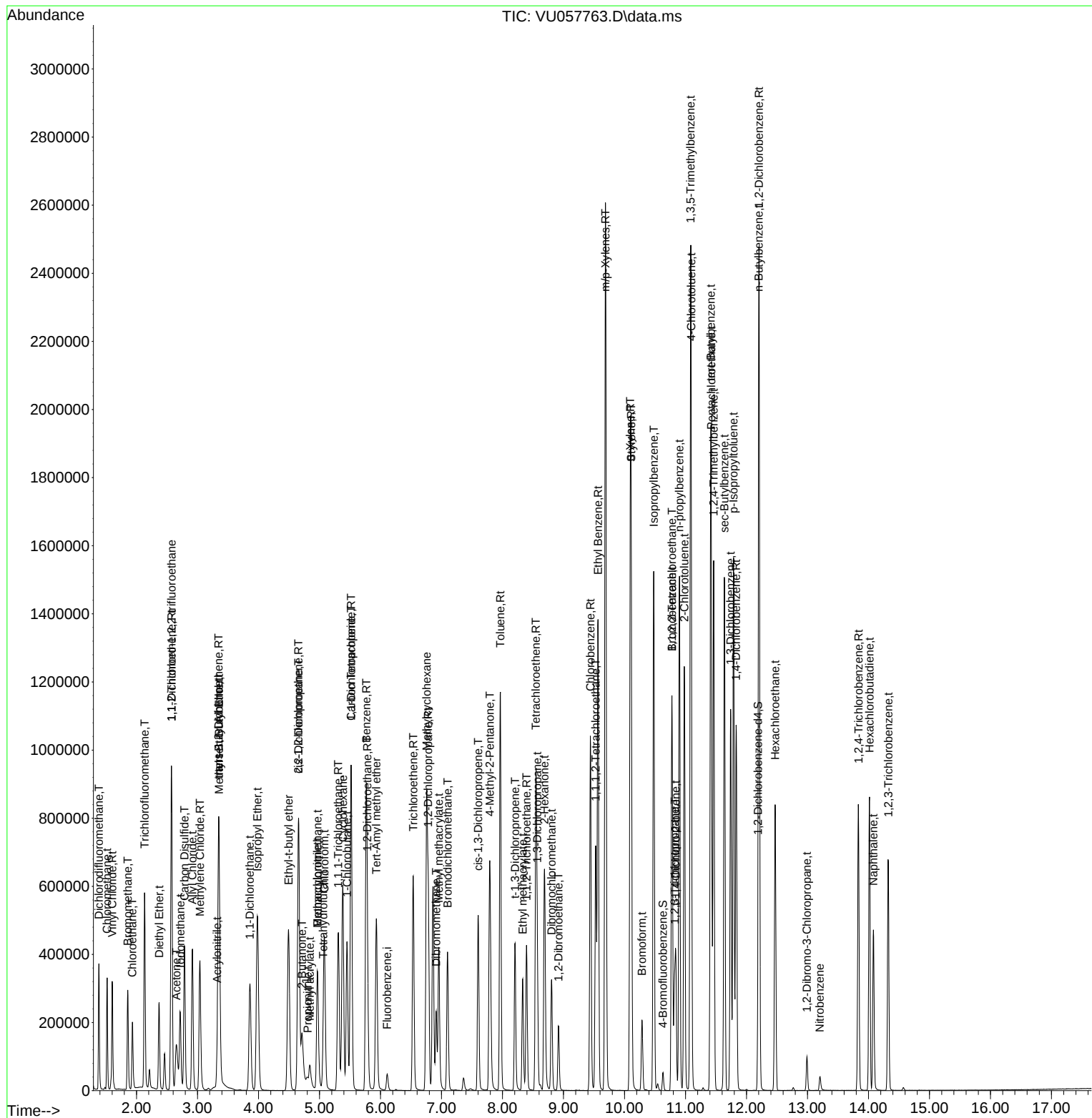
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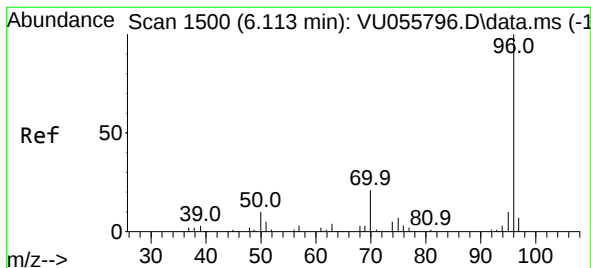
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.110 min Scan# 14

Delta R.T. -0.003 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

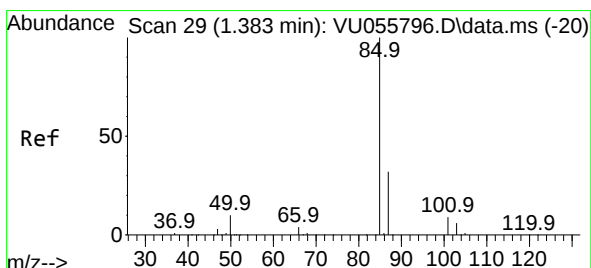
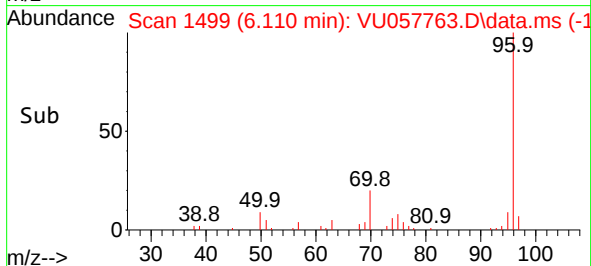
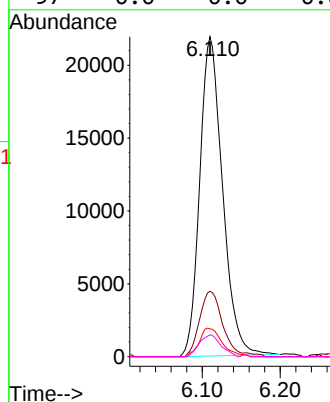
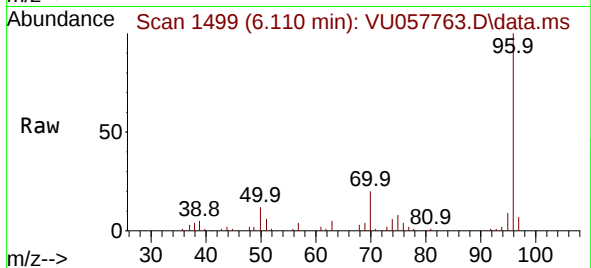
Tgt Ion: 96 Resp: 44530

Ion	Ratio	Lower	Upper
96	100		
70	21.0	16.5	24.7
95	0.0	7.4	11.0
97	0.0	0.0	0.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 15.239 ug/l

RT: 1.383 min Scan# 29

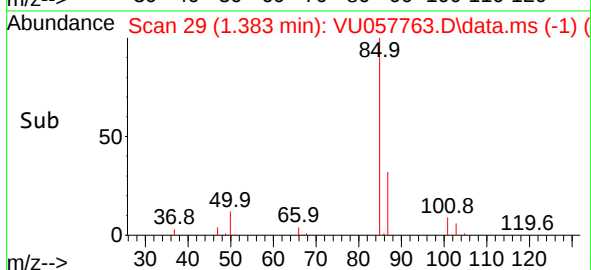
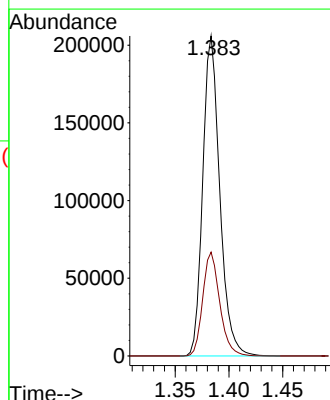
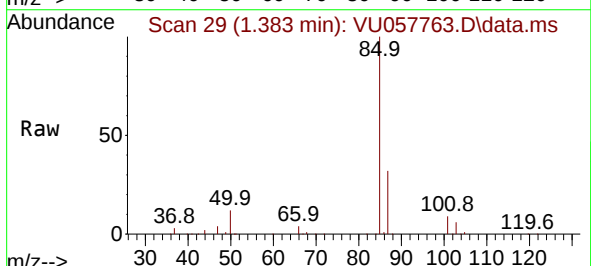
Delta R.T. 0.000 min

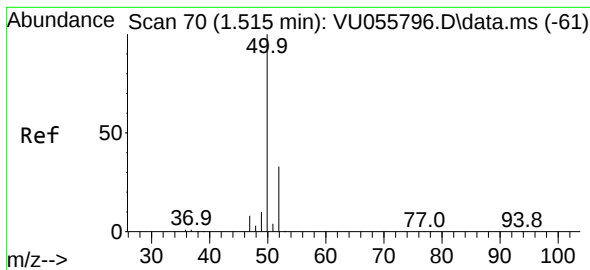
Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Tgt Ion: 85 Resp: 225990

Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.2	48.6





#3

Chloromethane

Concen: 14.763 ug/l

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 50 Resp: 21007

Ion Ratio Lower Upper

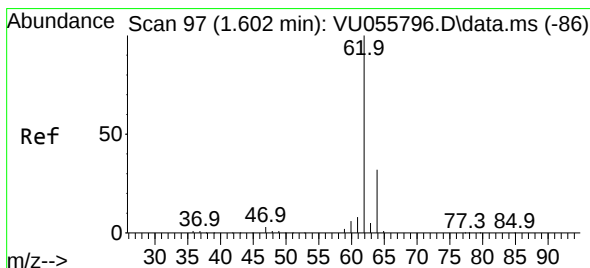
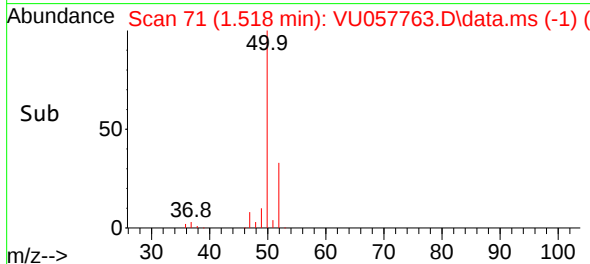
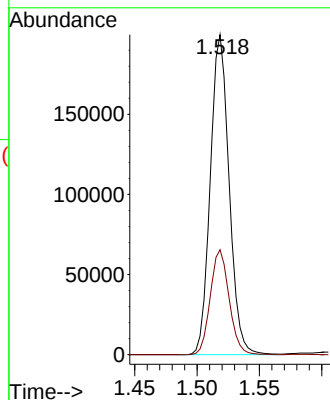
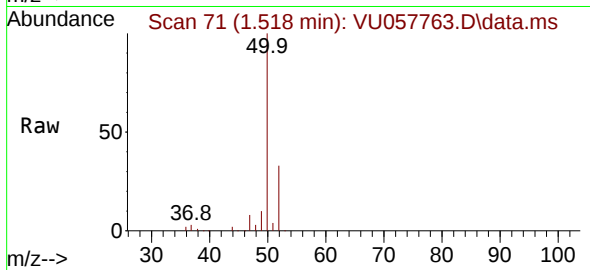
50 100

52 32.8 26.6 40.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 02/01/2024



#4

Vinyl Chloride

Concen: 15.411 ug/l

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU057763.D

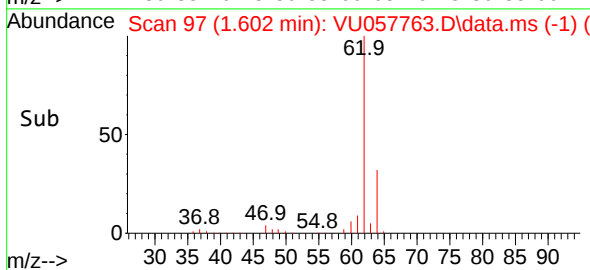
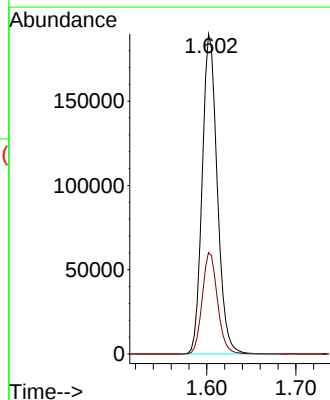
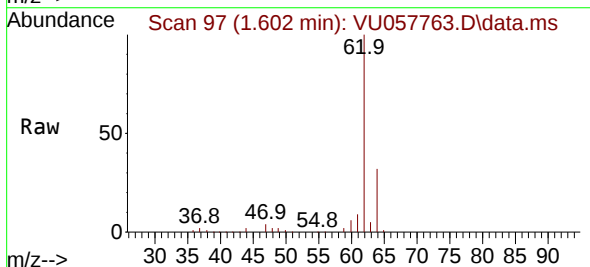
Acq: 31 Jan 2024 13:22

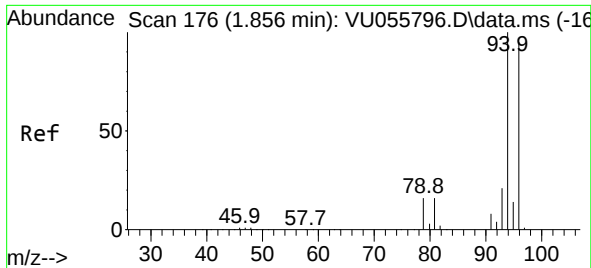
Tgt Ion: 62 Resp: 223590

Ion Ratio Lower Upper

62 100

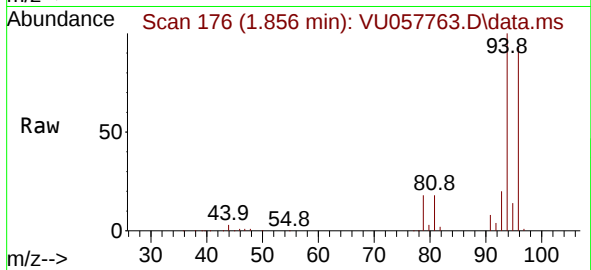
64 31.7 25.4 38.2





#5
Bromomethane
Concen: 15.678 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

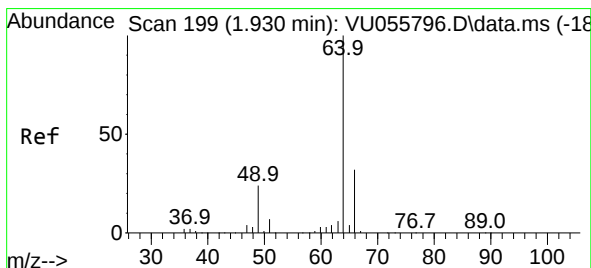
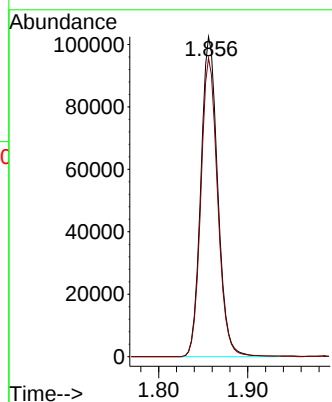
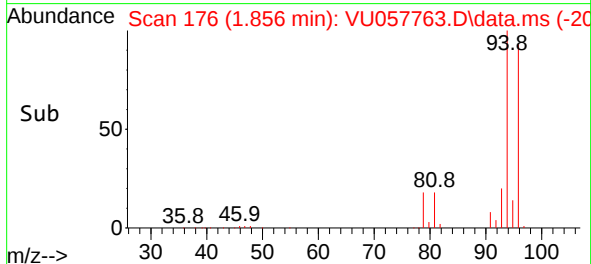
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Tgt Ion: 94 Resp: 134990
Ion Ratio Lower Upper
94 100
96 93.3 75.4 113.2

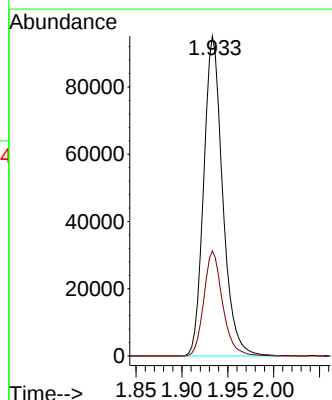
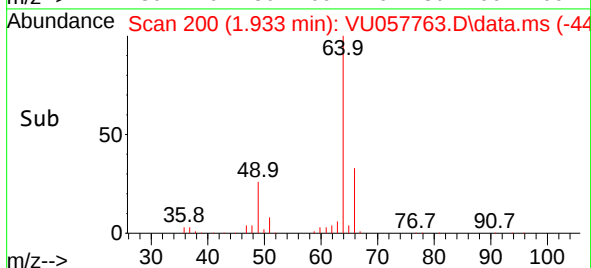
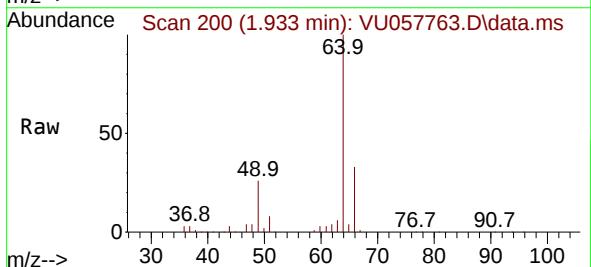
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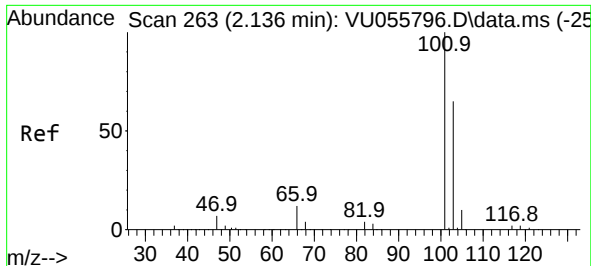
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#6
Chloroethane
Concen: 14.913 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU057763.D
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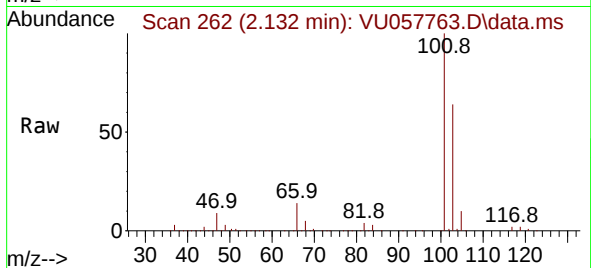
Tgt Ion: 64 Resp: 136697
Ion Ratio Lower Upper
64 100
66 32.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 16.062 ug/l
RT: 2.132 min Scan# 20
Delta R.T. -0.004 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

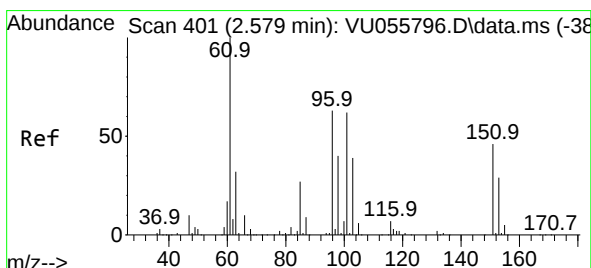
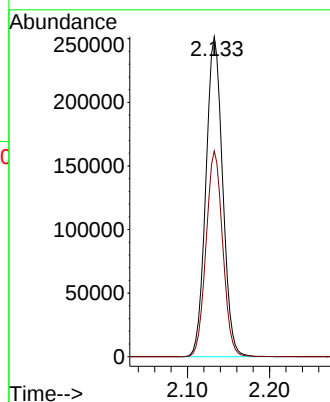
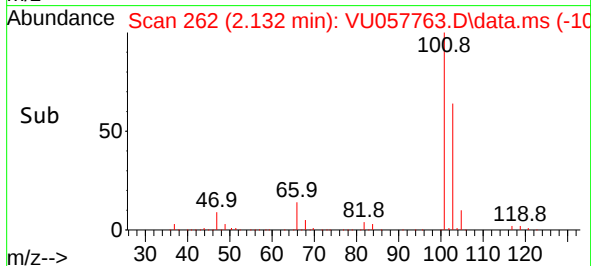
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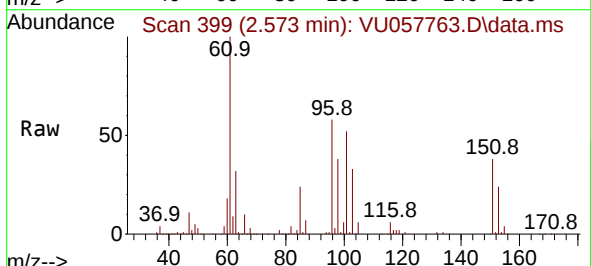
Tgt Ion:101 Resp: 35688
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0

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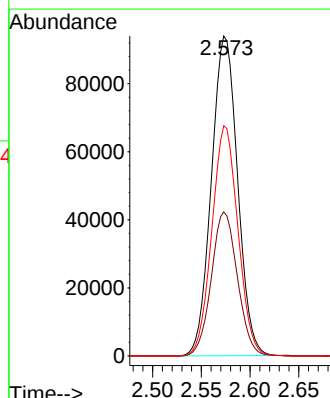
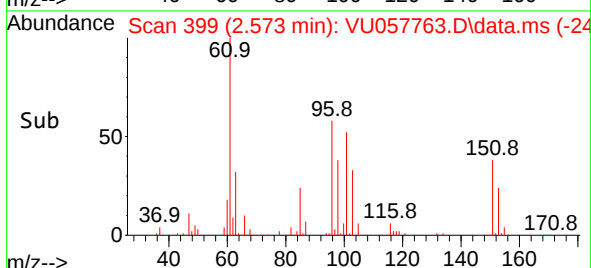
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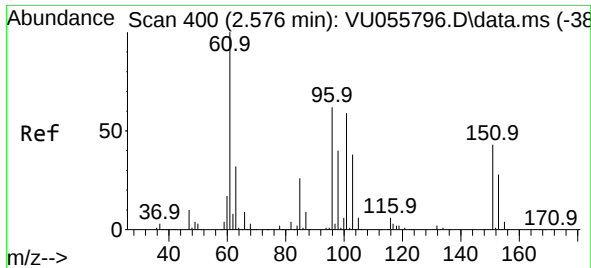


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 15.374 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.006 min
Lab File: VU057763.D
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Tgt Ion:101 Resp: 175617
Ion Ratio Lower Upper
101 100
85 44.8 35.4 53.0
151 71.7 54.0 81.0





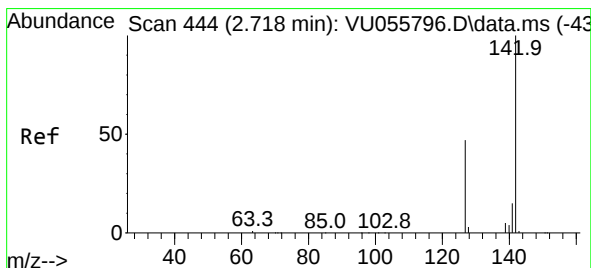
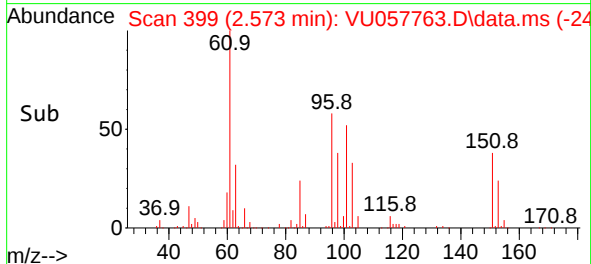
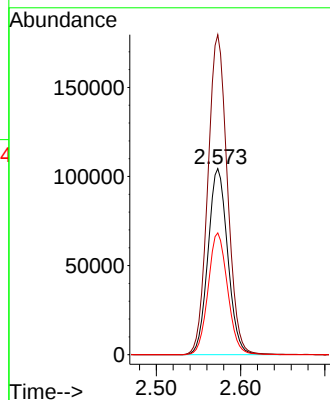
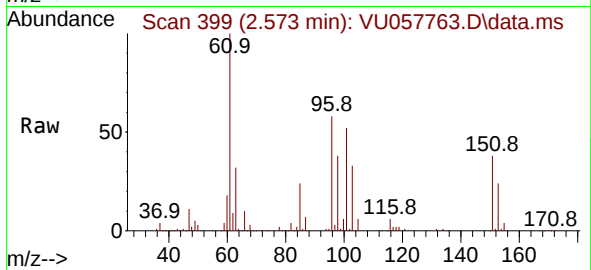
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1,1-Dichloroethene
Concen: 15.346 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 96 Resp: 16985
Ion Ratio Lower Upper
96 100
61 172.0 0.0 521.4
98 65.4 0.0 125.8

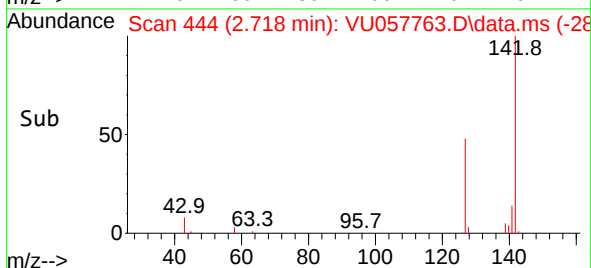
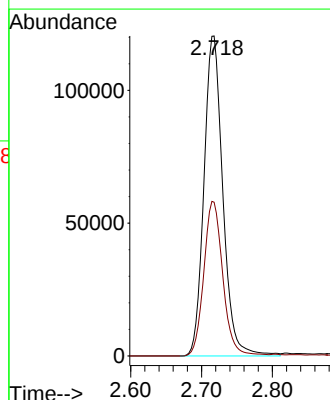
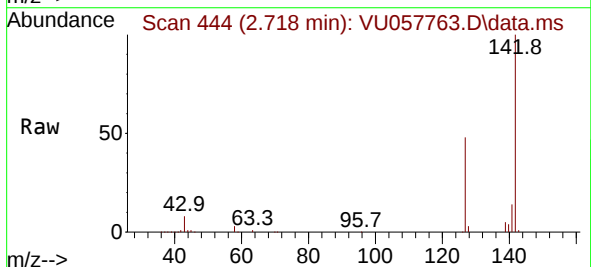
Manual Integrations
APPROVED

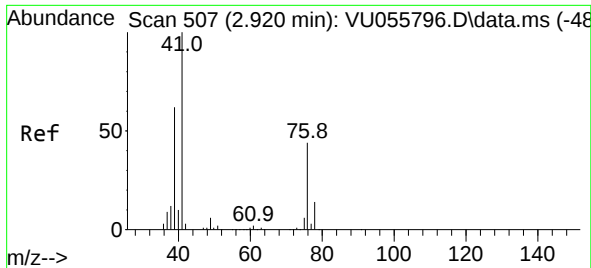
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#10
Iodomethane
Concen: 17.024 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Tgt Ion:142 Resp: 223477
Ion Ratio Lower Upper
142 100
127 48.6 35.9 53.9





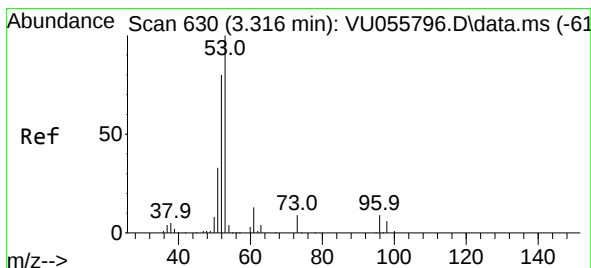
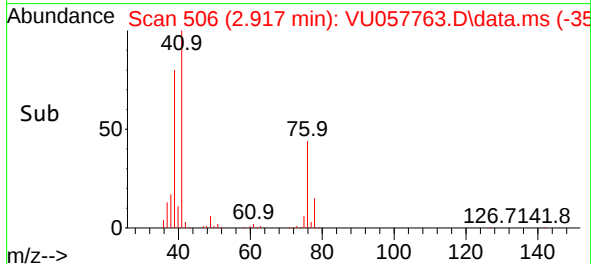
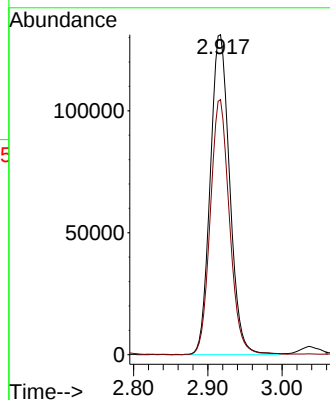
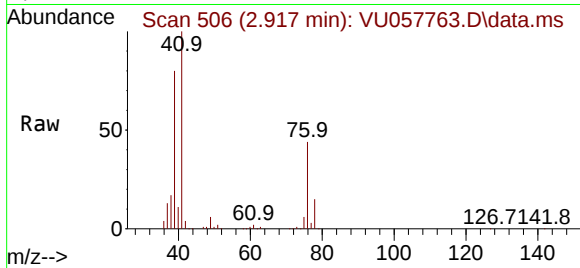
#11
 Allyl Chloride
 Concen: 15.910 ug/l
 RT: 2.917 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VU057763.D
 Acq: 31 Jan 2024 13:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion: 41 Resp: 238862
 Ion Ratio Lower Upper
 41 100
 39 78.7 54.2 81.2

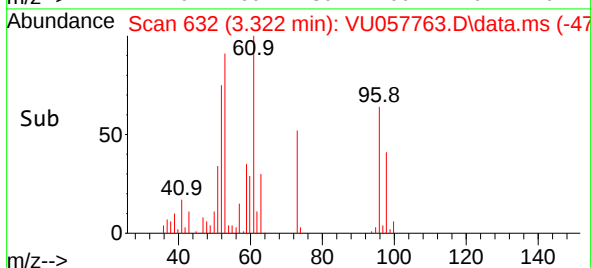
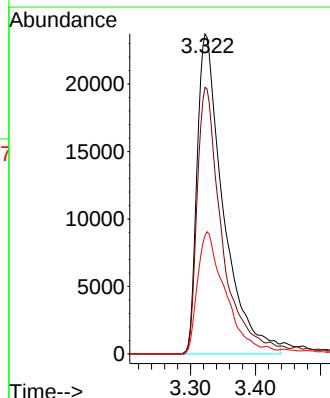
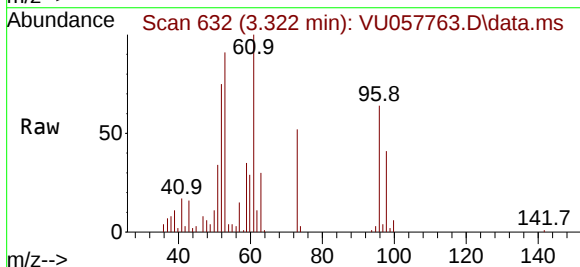
Manual Integrations
 APPROVED

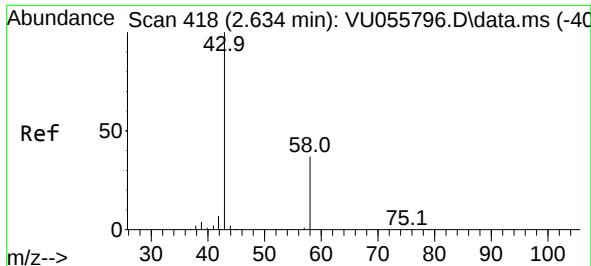
Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024



#12
 Acrylonitrile
 Concen: 34.381 ug/l
 RT: 3.322 min Scan# 632
 Delta R.T. 0.006 min
 Lab File: VU057763.D
 Acq: 31 Jan 2024 13:22

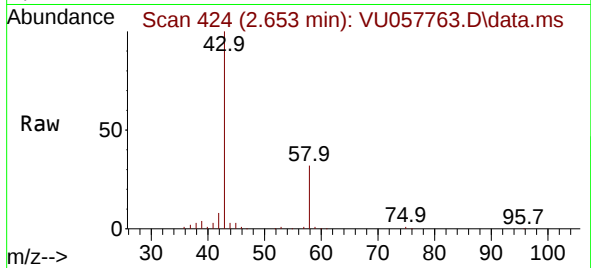
Tgt Ion: 53 Resp: 66462
 Ion Ratio Lower Upper
 53 100
 52 77.4 62.9 94.3
 51 40.2 27.8 41.6





#13
Acetone
Concen: 78.337 ug/l
RT: 2.653 min Scan# 418
Delta R.T. 0.019 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

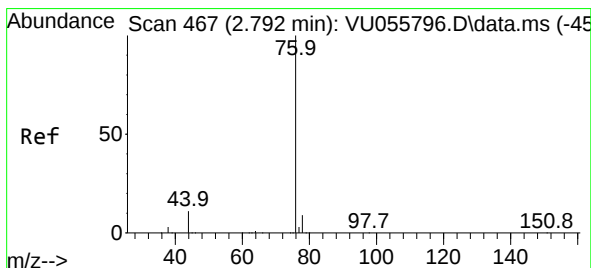
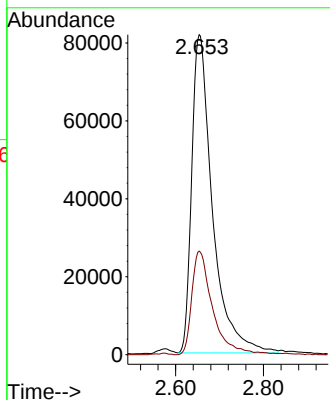
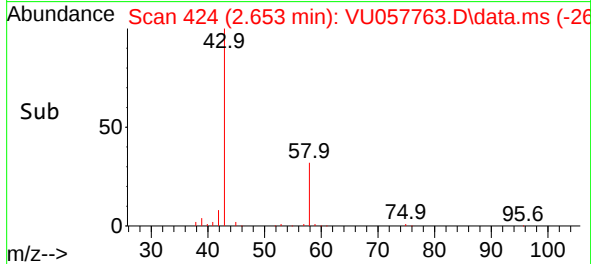
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 43 Resp: 267808
Ion Ratio Lower Upper
43 100
58 32.5 29.0 43.4

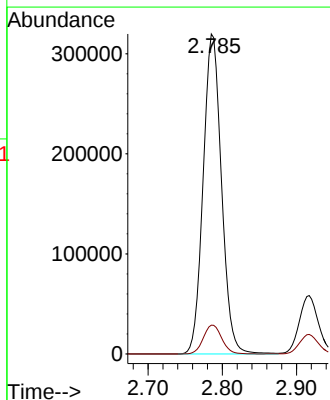
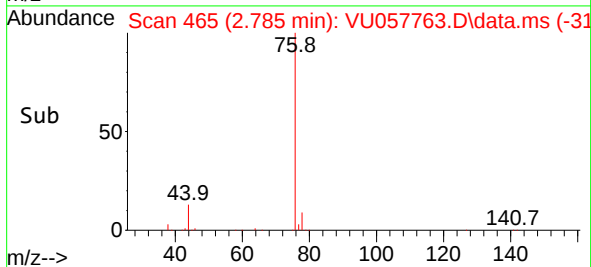
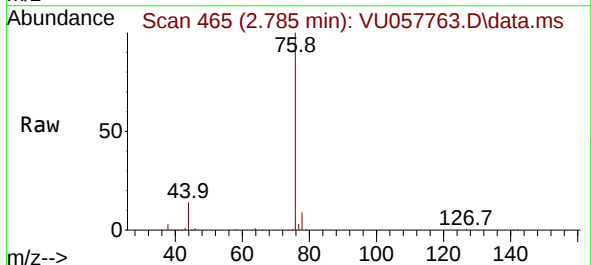
Manual Integrations
APPROVED

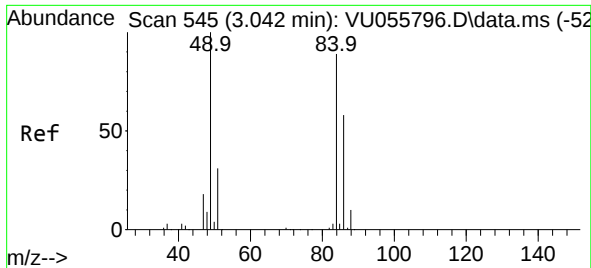
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#14
Carbon Disulfide
Concen: 15.471 ug/l
RT: 2.785 min Scan# 465
Delta R.T. -0.007 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

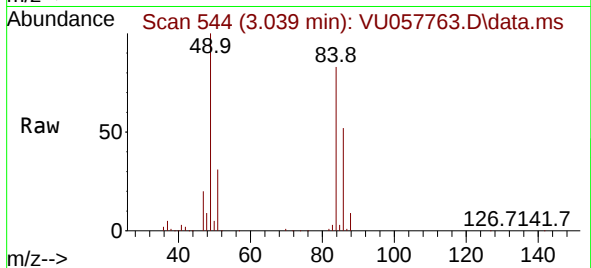
Tgt Ion: 76 Resp: 548114
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#15
Methylene Chloride
Concen: 14.269 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

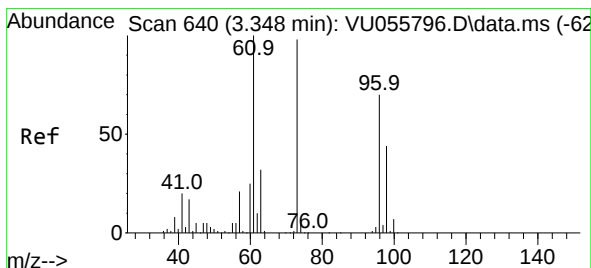
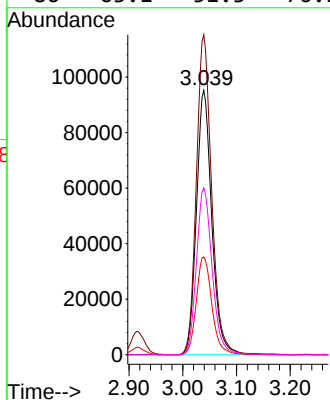
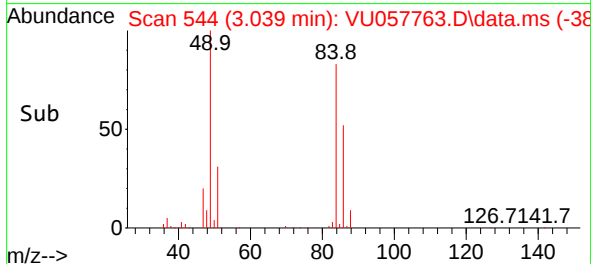
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 84 Resp: 188633
Ion Ratio Lower Upper
84 100
49 121.0 98.9 148.3
51 37.0 0.0 75.4
86 63.1 51.3 76.9

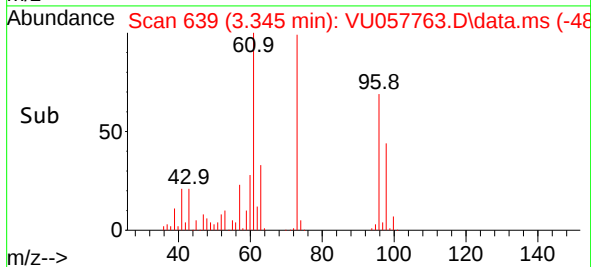
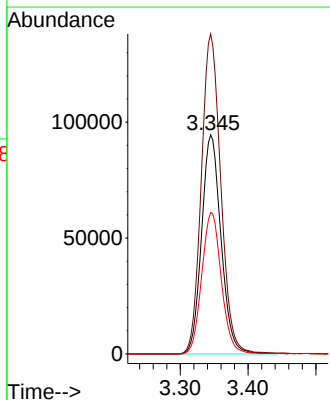
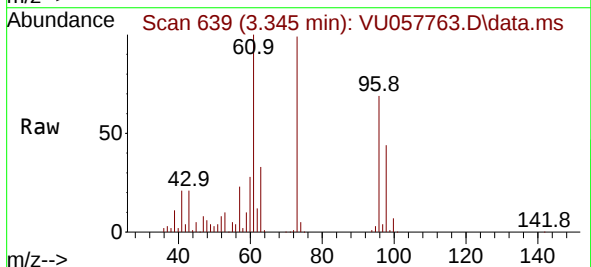
Manual Integrations
APPROVED

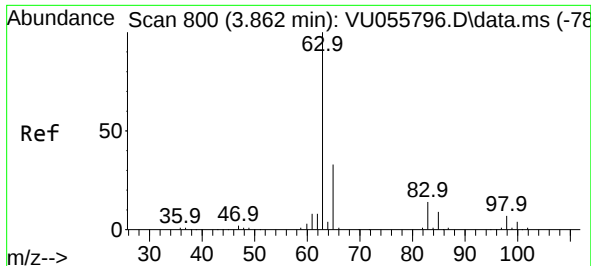
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#16
trans-1,2-Dichloroethene
Concen: 15.611 ug/l
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

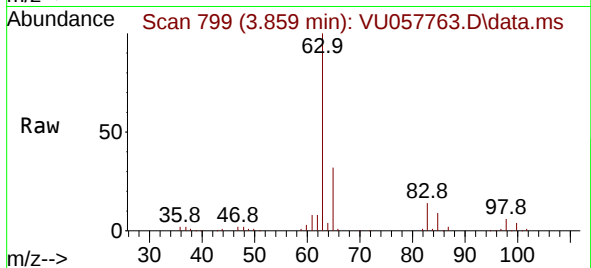
Tgt Ion: 96 Resp: 188655
Ion Ratio Lower Upper
96 100
61 145.9 117.5 176.3
98 64.5 48.3 72.5





#17
1,1-Dichloroethane
Concen: 15.774 ug/l
RT: 3.859 min Scan# 79
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

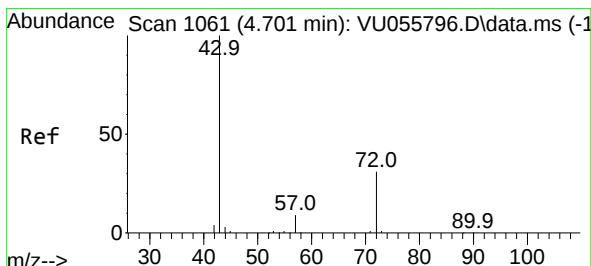
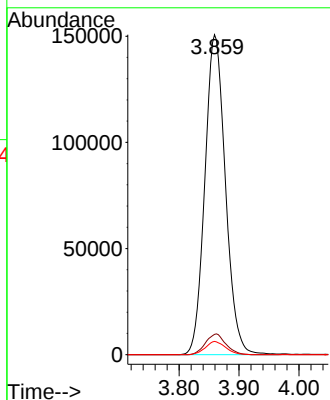
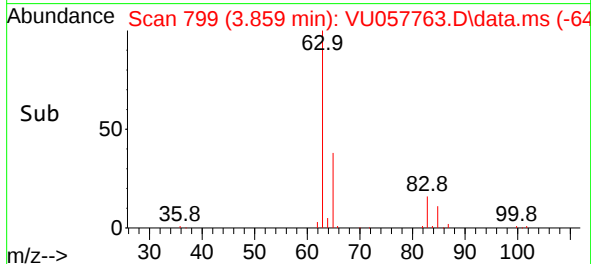
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 63 Resp: 35986
Ion Ratio Lower Upper
63 100
98 6.3 3.4 10.1
100 4.1 2.2 6.6

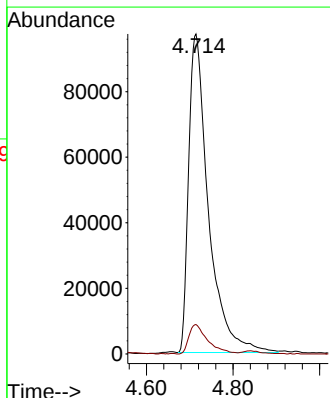
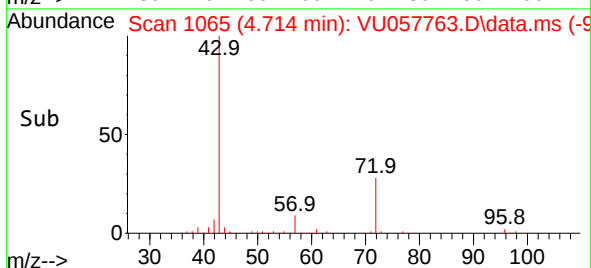
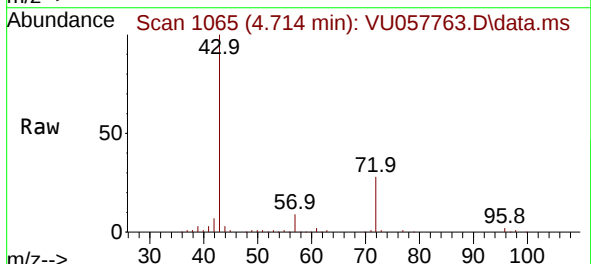
Manual Integrations
APPROVED

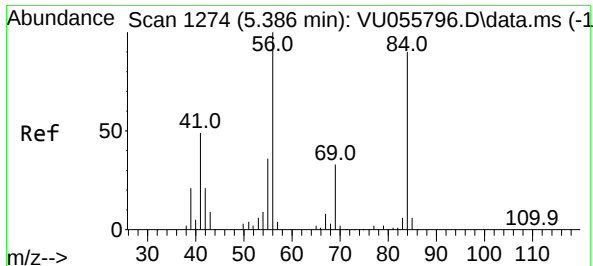
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#18
2-Butanone
Concen: 83.679 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.013 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Tgt Ion: 43 Resp: 308329
Ion Ratio Lower Upper
43 100
57 9.2 0.0 19.6





#19

Cyclohexane

Concen: 15.204 ug/l

RT: 5.383 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 56 Resp: 271810

Ion Ratio Lower Upper

56 100

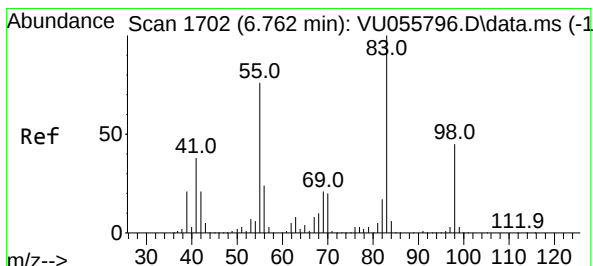
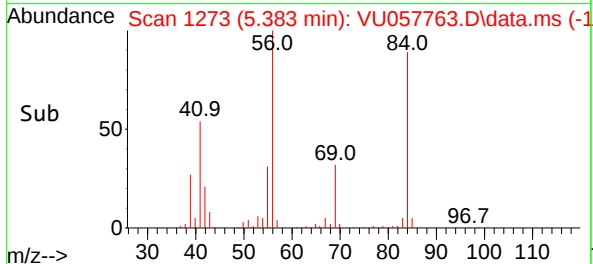
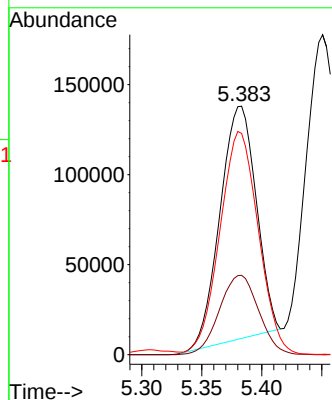
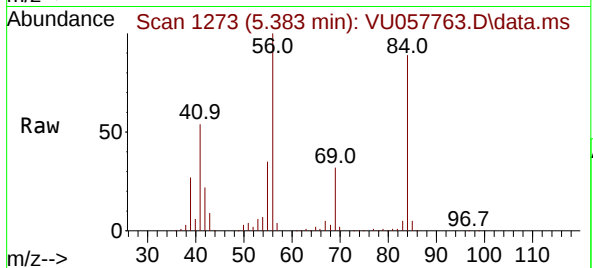
69 36.9 24.6 37.0

84 100.3 68.4 102.6

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 15.969 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

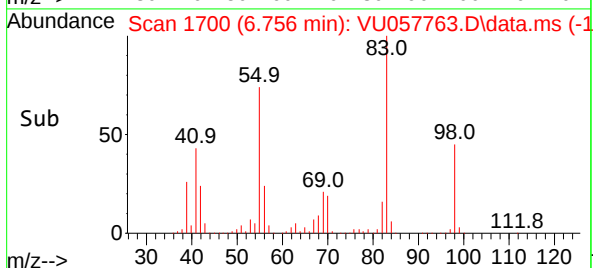
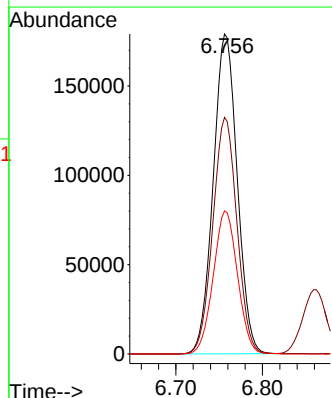
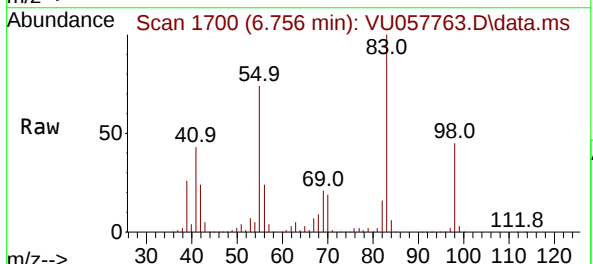
Tgt Ion: 83 Resp: 345017

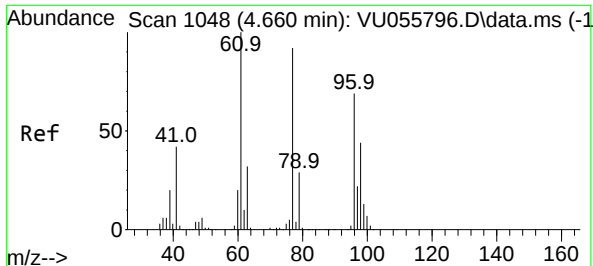
Ion Ratio Lower Upper

83 100

55 74.1 63.5 95.3

98 45.3 36.0 54.0





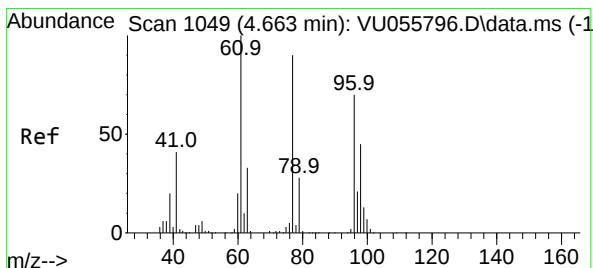
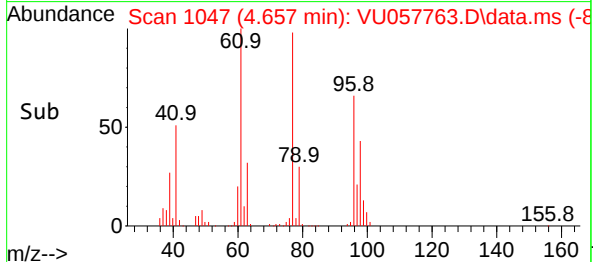
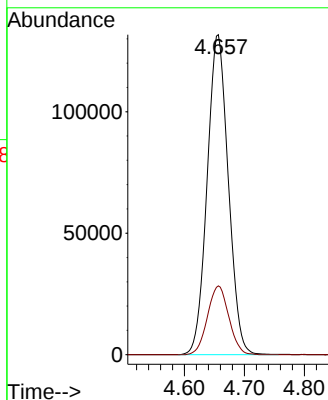
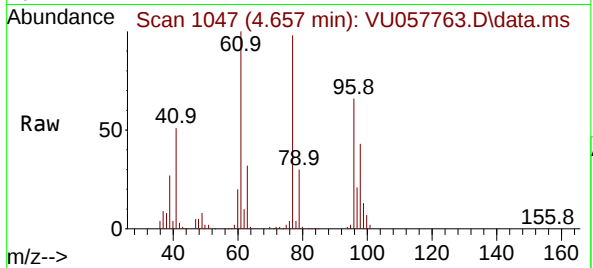
#21
2,2-Dichloropropane
Concen: 15.919 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 77 Resp: 322484
Ion Ratio Lower Upper
77 100
97 21.7 18.4 27.6

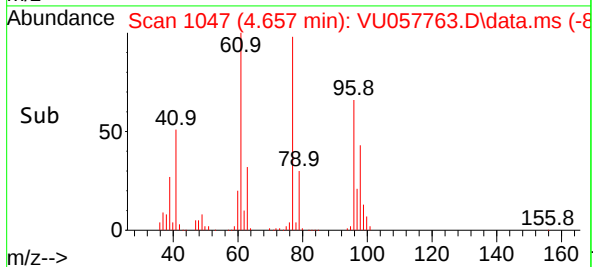
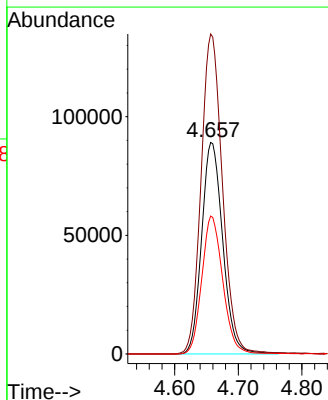
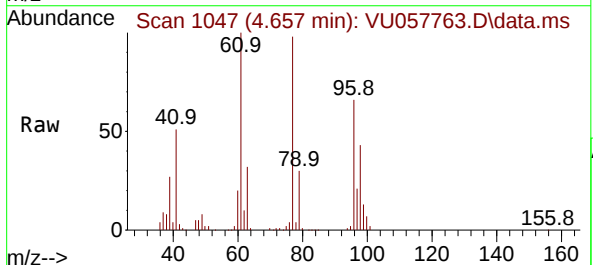
Manual Integrations
APPROVED

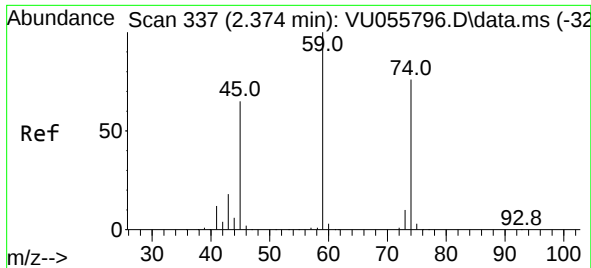
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#22
cis-1,2-Dichloroethene
Concen: 15.519 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. -0.006 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

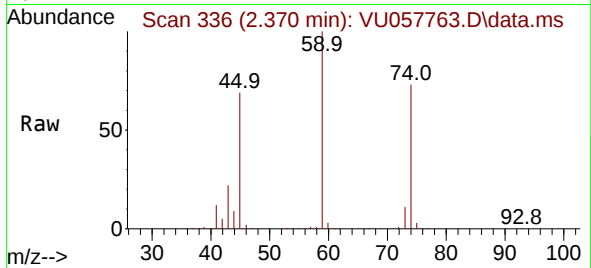
Tgt Ion: 96 Resp: 205401
Ion Ratio Lower Upper
96 100
61 153.4 0.0 365.8
98 64.5 32.0 96.0





#23
Diethyl Ether
Concen: 15.541 ug/l
RT: 2.370 min Scan# 31
Delta R.T. -0.004 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

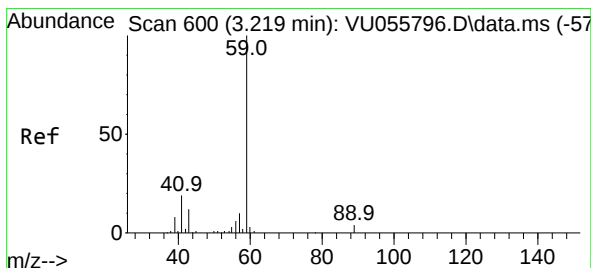
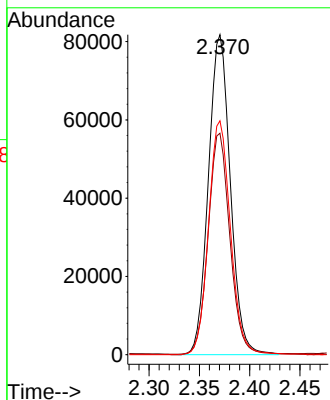
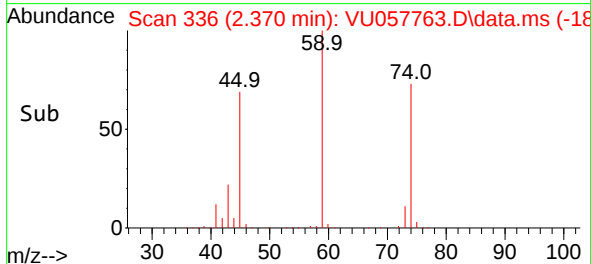
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 59 Resp: 124162
Ion Ratio Lower Upper
59 100
45 68.1 56.1 84.1
74 73.4 57.4 86.2

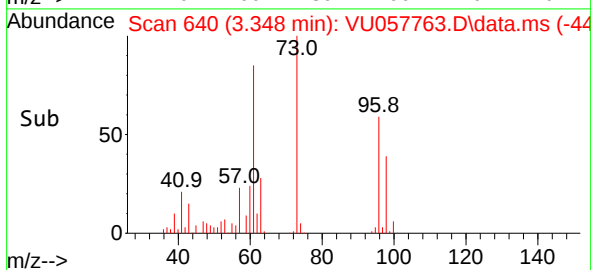
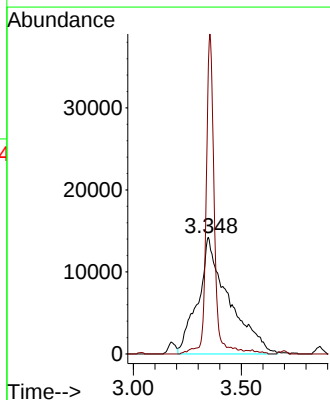
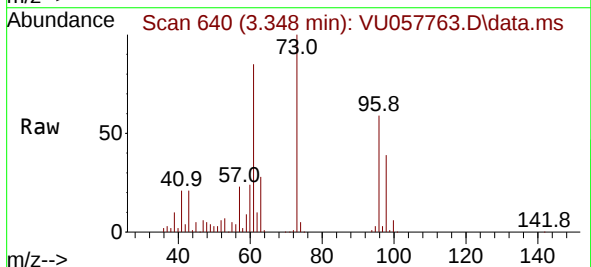
Manual Integrations
APPROVED

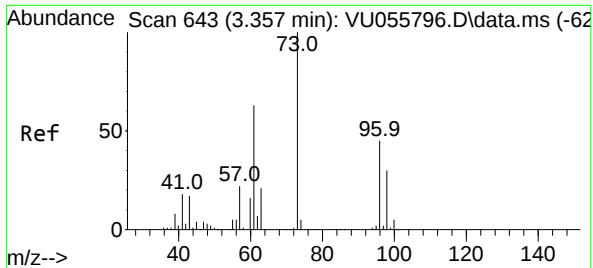
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#24
tert-Butyl Alcohol
Concen: 162.947 ug/l m
RT: 3.348 min Scan# 640
Delta R.T. 0.129 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

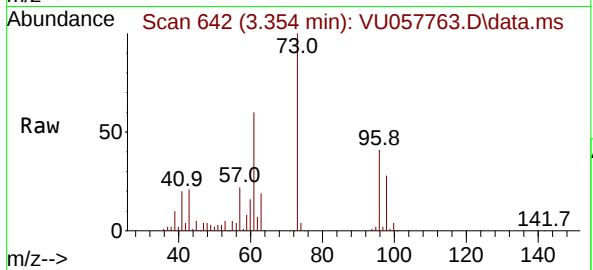
Tgt Ion: 59 Resp: 141136
Ion Ratio Lower Upper
59 100
57 63.7 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 15.806 ug/l
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

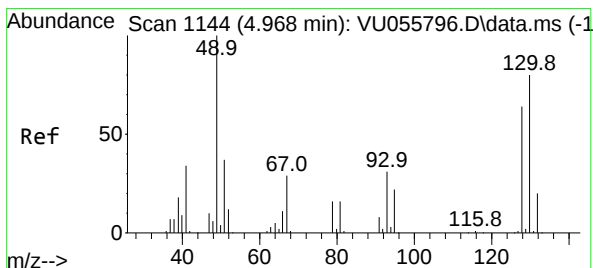
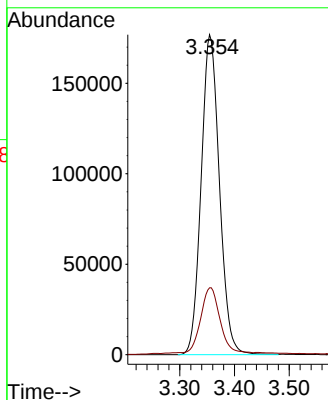
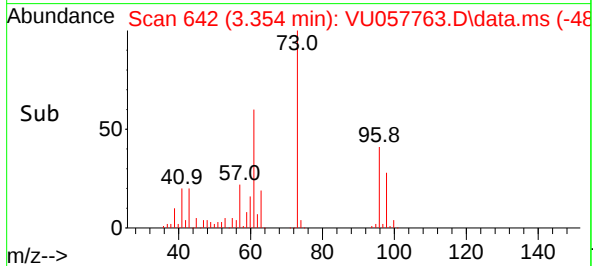
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 73 Resp: 410499
Ion Ratio Lower Upper
73 100
43 21.8 15.0 22.6

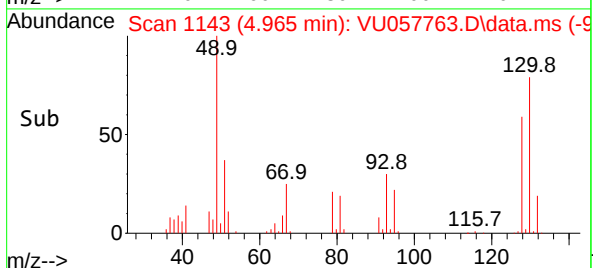
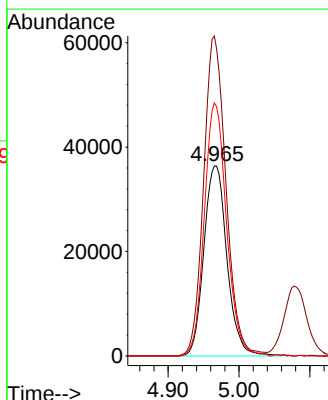
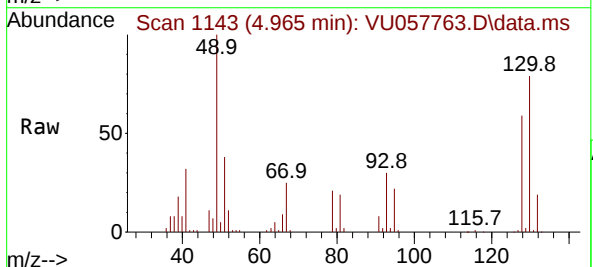
Manual Integrations
APPROVED

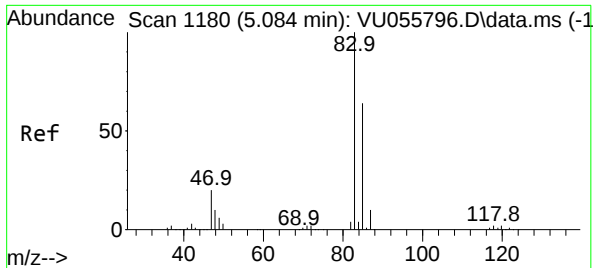
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#26
Bromochloromethane
Concen: 15.499 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Tgt Ion:128 Resp: 82407
Ion Ratio Lower Upper
128 100
49 163.4 0.0 324.6
130 128.5 103.0 154.4





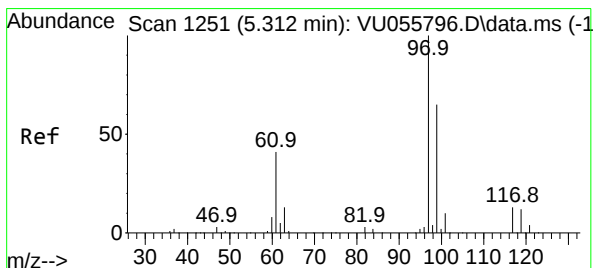
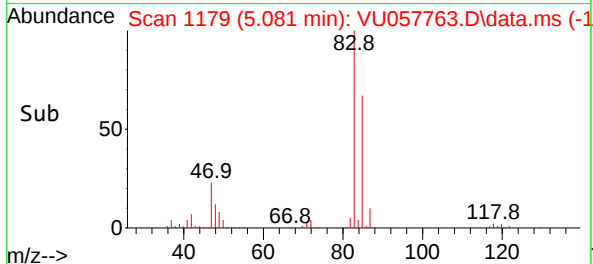
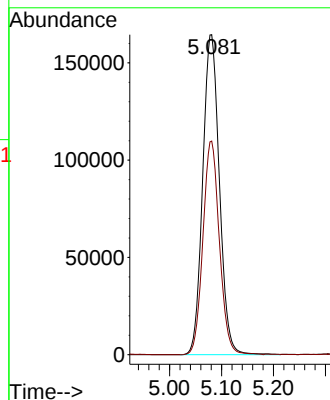
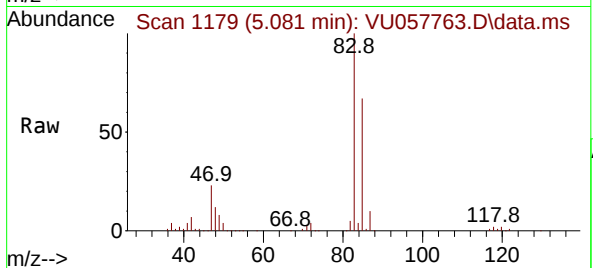
#27
Chloroform
Concen: 15.469 ug/l
RT: 5.081 min Scan# 1180
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 83 Resp: 366892
Ion Ratio Lower Upper
83 100
85 66.8 0.0 126.4

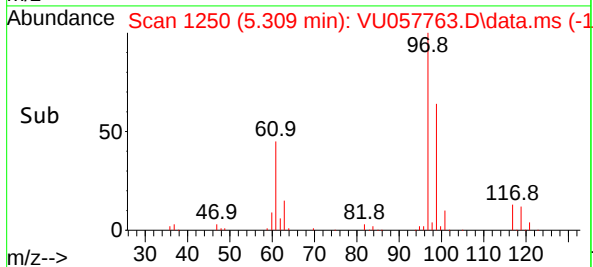
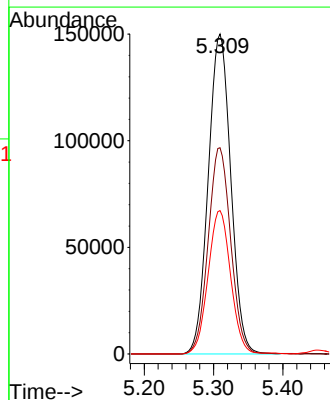
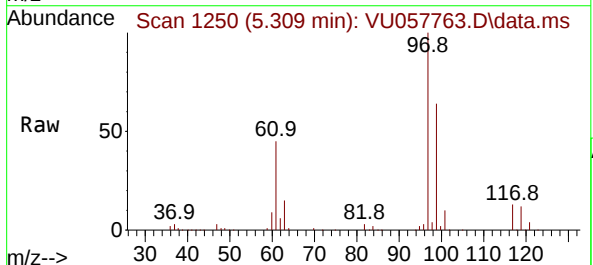
Manual Integrations
APPROVED

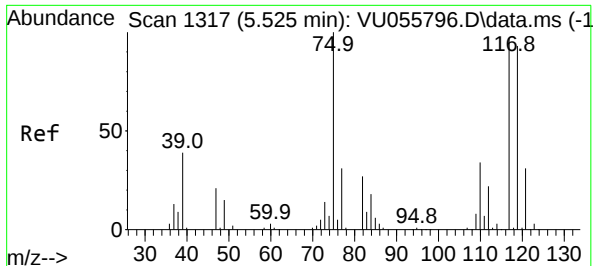
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#28
1,1,1-Trichloroethane
Concen: 15.849 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Tgt Ion: 97 Resp: 339426
Ion Ratio Lower Upper
97 100
99 64.5 32.0 96.2
61 44.7 22.9 68.5





#29
1,1-Dichloropropene
Concen: 16.069 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.007 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

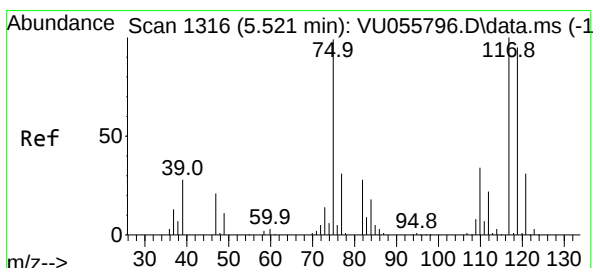
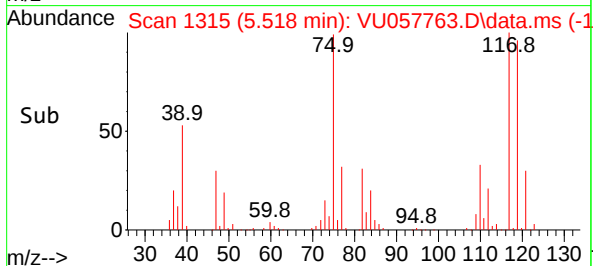
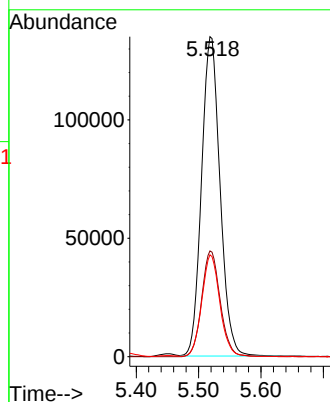
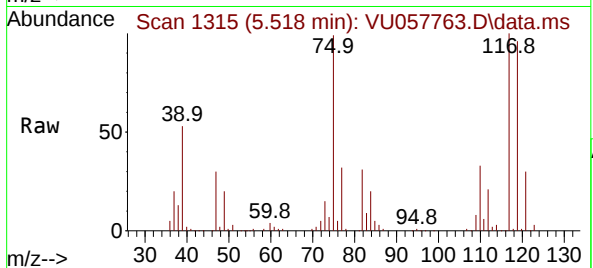
VSTDICC015

Tgt Ion: 75 Resp: 27842
Ion Ratio Lower Upper
75 100
110 33.1 18.0 54.0
77 31.0 24.7 37.1

Manual Integrations

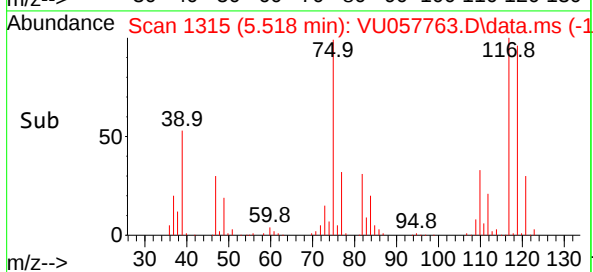
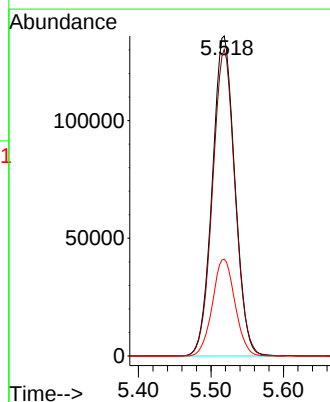
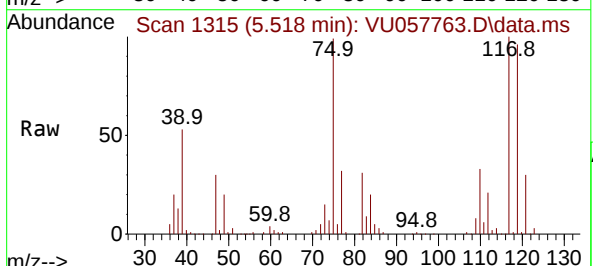
APPROVED

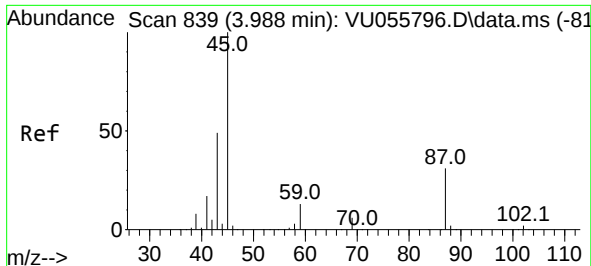
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#30
Carbon Tetrachloride
Concen: 15.937 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

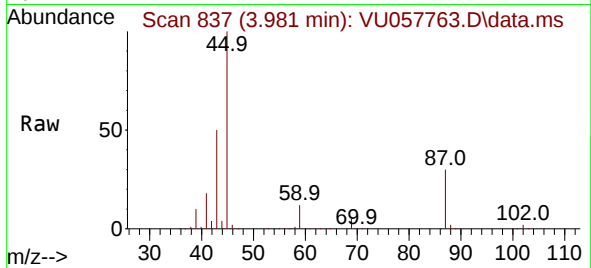
Tgt Ion:117 Resp: 294071
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0
121 30.3 24.0 36.0





#31
Isopropyl Ether
Concen: 16.025 ug/l
RT: 3.981 min Scan# 837
Delta R.T. -0.007 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

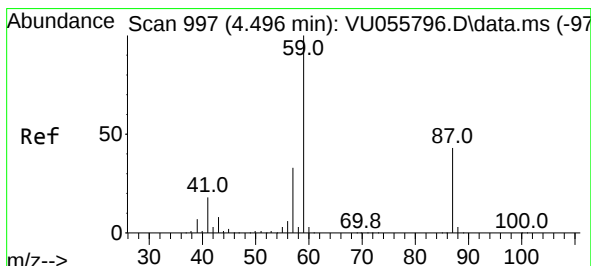
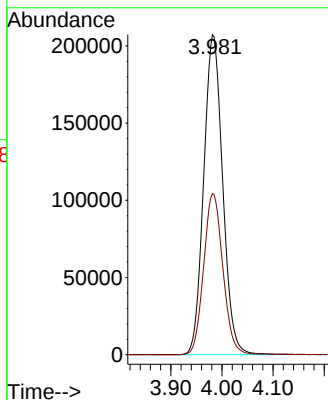
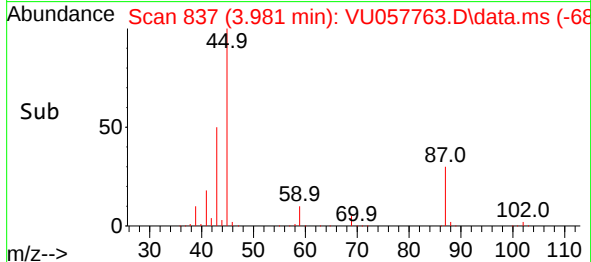
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



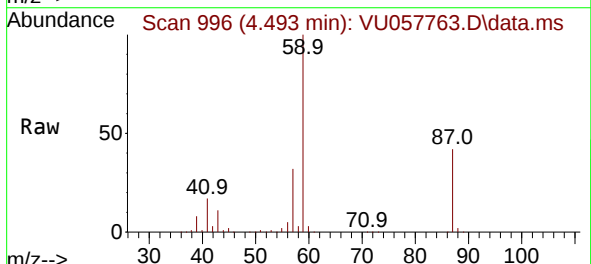
Tgt Ion: 45 Resp: 53498
Ion Ratio Lower Upper
45 100
43 50.8 27.5 82.5

Manual Integrations
APPROVED

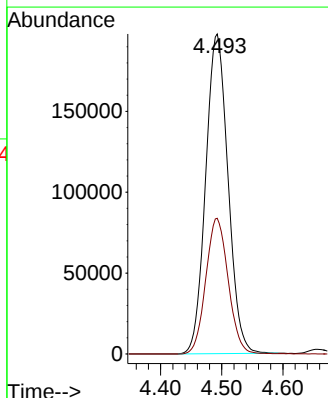
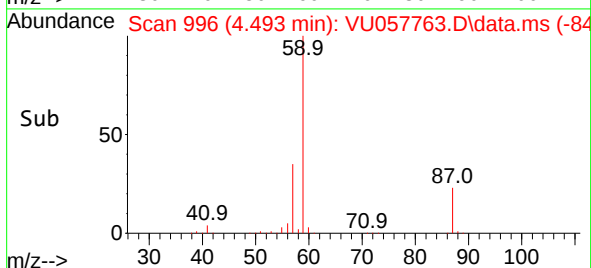
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

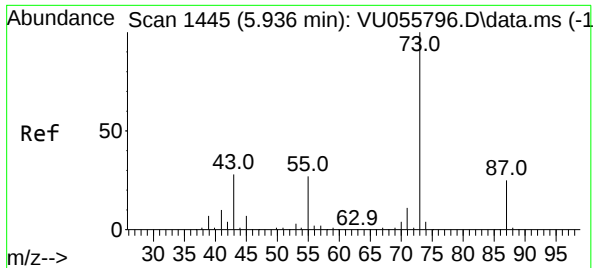


#32
Ethyl-t-butyl ether
Concen: 16.199 ug/l
RT: 4.493 min Scan# 996
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22



Tgt Ion: 59 Resp: 502115
Ion Ratio Lower Upper
59 100
87 42.4 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 16.704 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

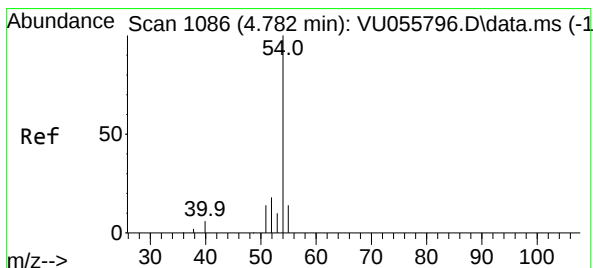
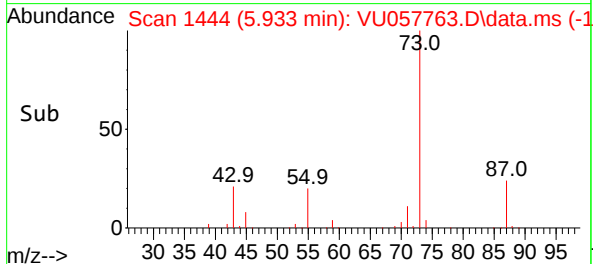
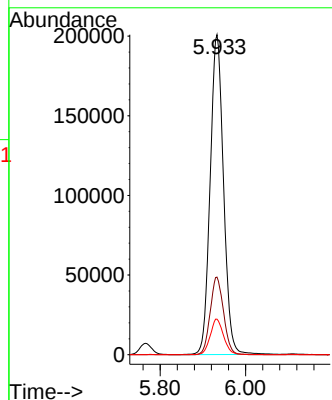
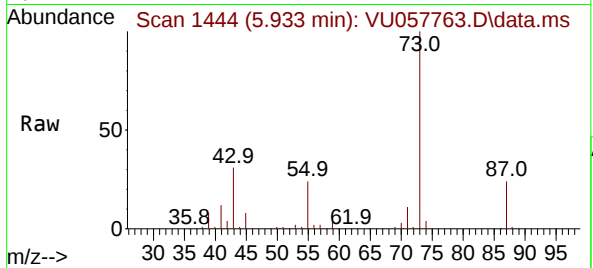
VSTDICC015

Tgt Ion: 73 Resp: 435889
Ion Ratio Lower Upper
73 100
87 24.2 18.6 28.0
71 10.9 9.9 14.9

Manual Integrations

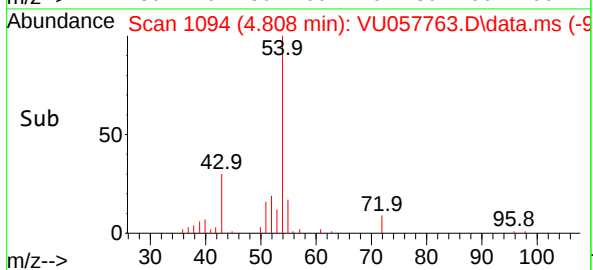
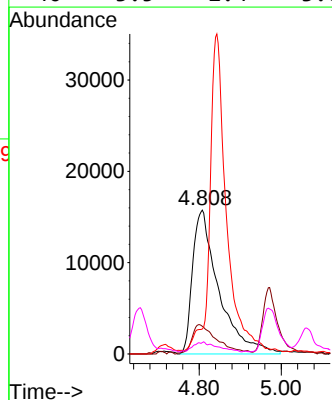
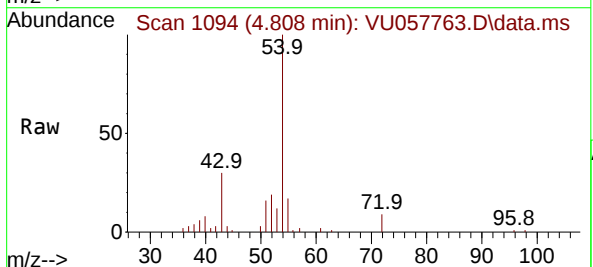
APPROVED

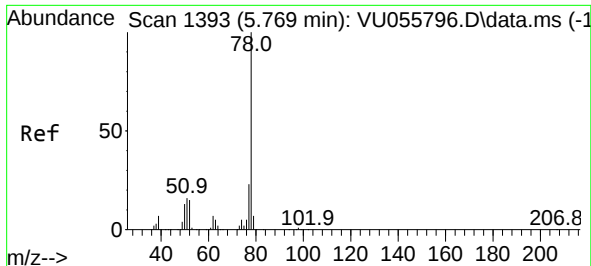
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#34
Propionitrile
Concen: 76.311 ug/l
RT: 4.808 min Scan# 1094
Delta R.T. 0.026 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

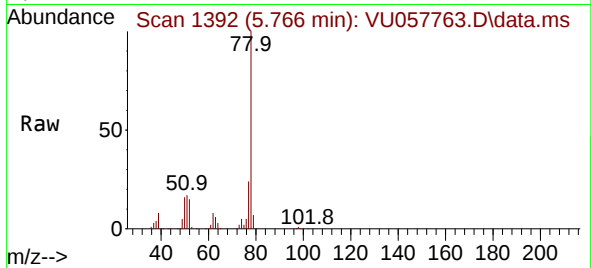
Tgt Ion: 54 Resp: 69940
Ion Ratio Lower Upper
54 100
52 19.3 17.4 26.0
55 138.3 104.1 156.1
40 3.5 2.4 3.6





#35
Benzene
Concen: 15.558 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

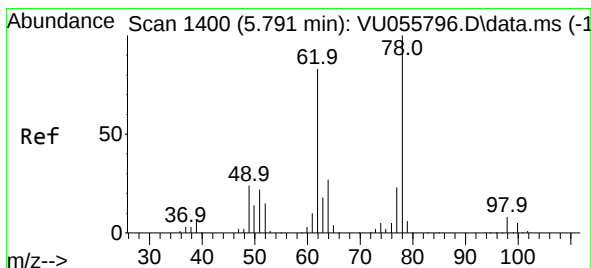
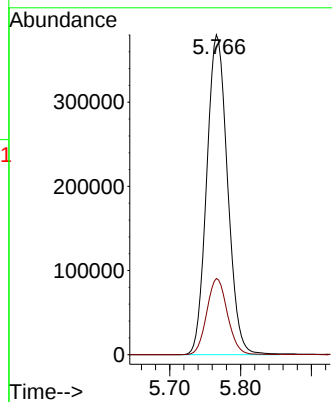
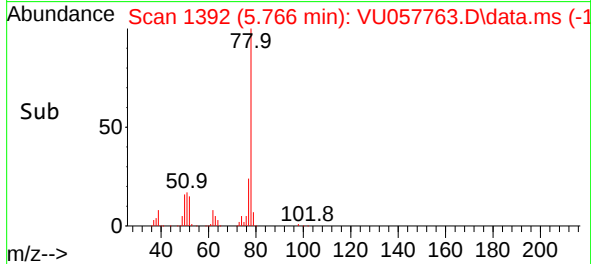
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 78 Resp: 77614
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

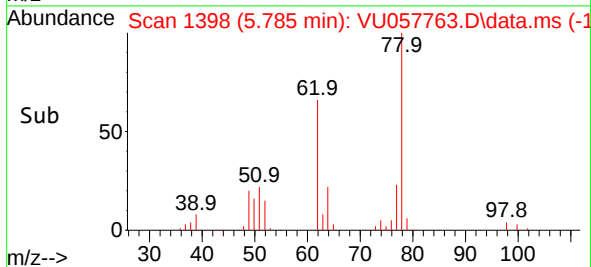
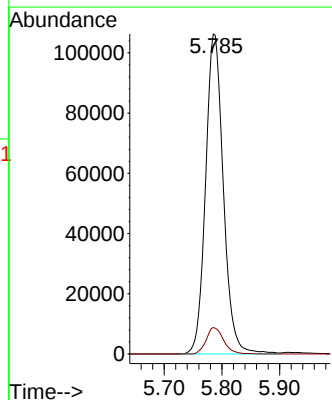
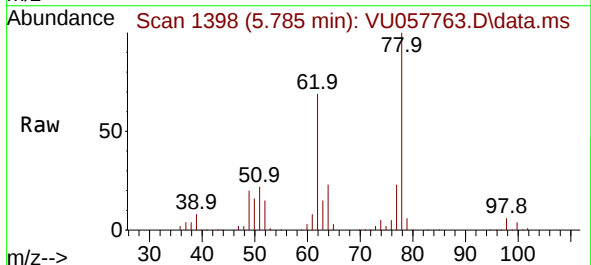
Manual Integrations
APPROVED

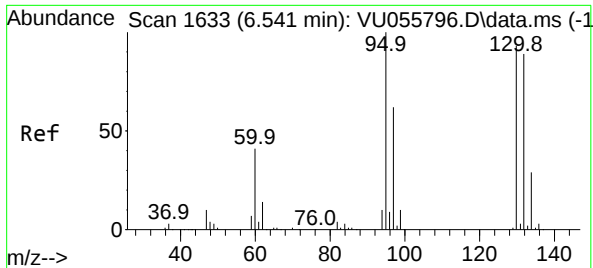
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#36
1,2-Dichloroethane
Concen: 15.632 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Tgt Ion: 62 Resp: 227244
Ion Ratio Lower Upper
62 100
98 8.1 7.3 10.9





#37
Trichloroethene
Concen: 15.556 ug/l
RT: 6.537 min Scan# 1632
Delta R.T. -0.004 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

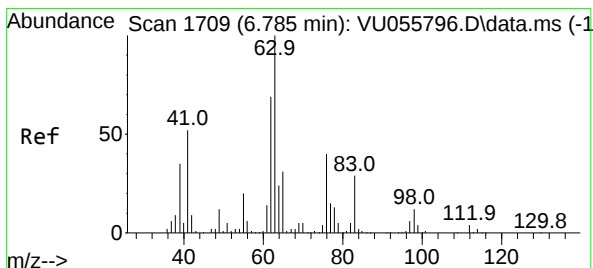
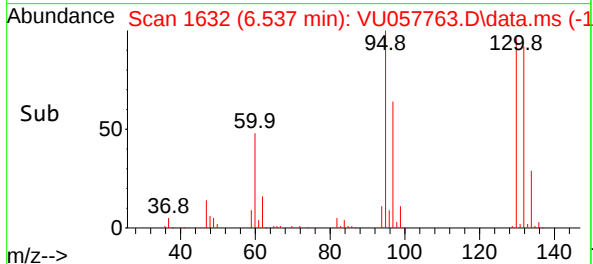
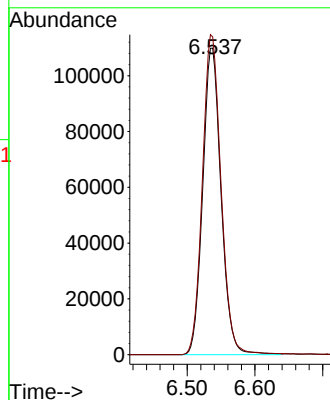
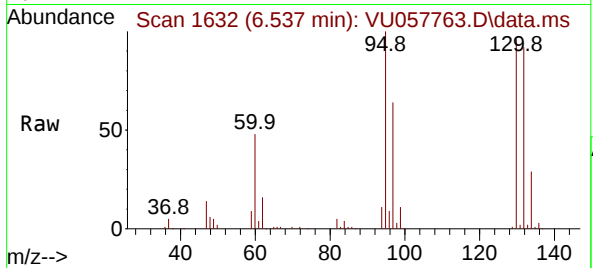
VSTDIC015

Tgt Ion:130 Resp: 20609
Ion Ratio Lower Upper
130 100
95 103.7 85.0 127.6

Manual Integrations

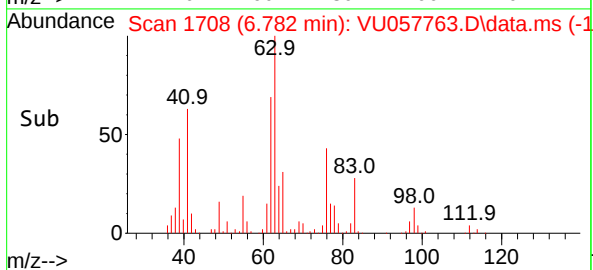
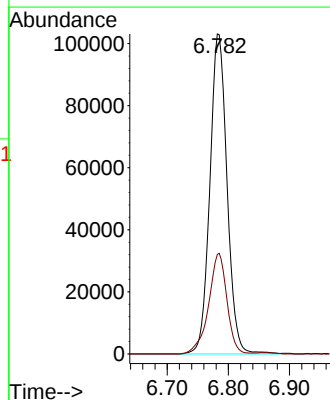
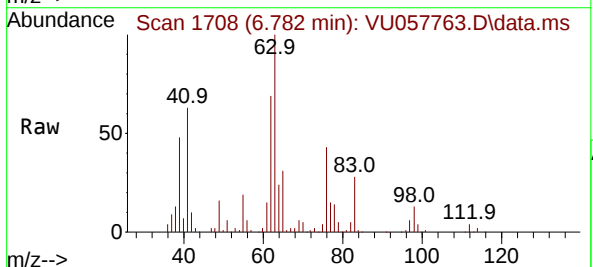
APPROVED

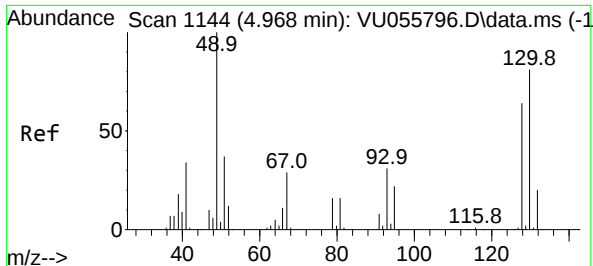
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#38
1,2-Dichloropropane
Concen: 15.574 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Tgt Ion: 63 Resp: 201454
Ion Ratio Lower Upper
63 100
65 31.1 24.9 37.3





#39

Methacrylonitrile

Concen: 16.799 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 41 Resp: 5091

Ion Ratio Lower Upper

41 100

67 84.5 66.8 100.2

39 55.2 41.2 61.8

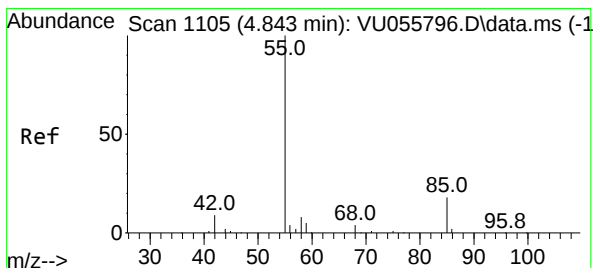
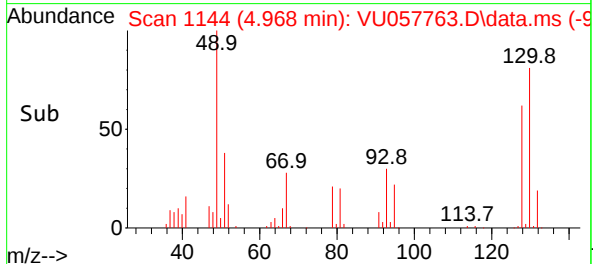
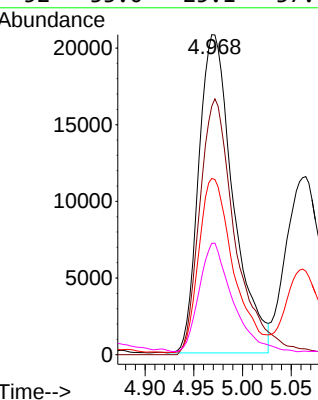
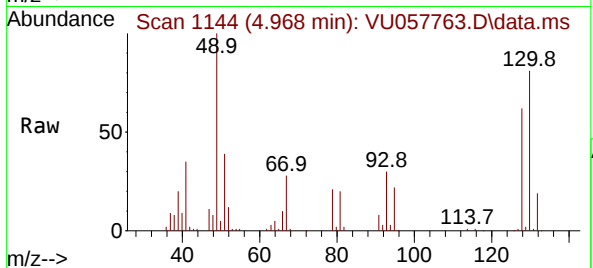
52 33.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#40

Methyl acrylate

Concen: 15.255 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Tgt Ion: 55 Resp: 96703

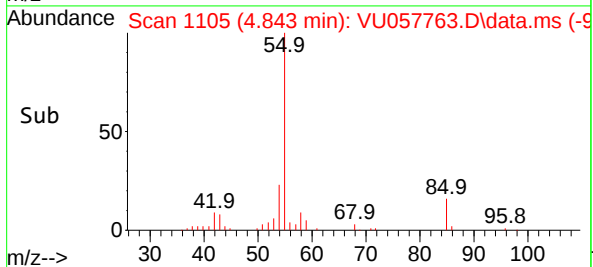
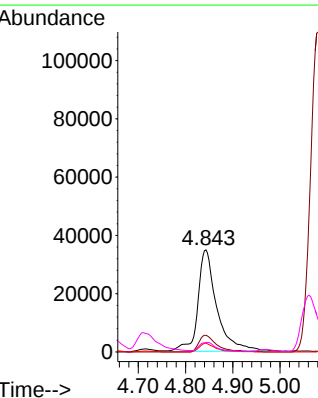
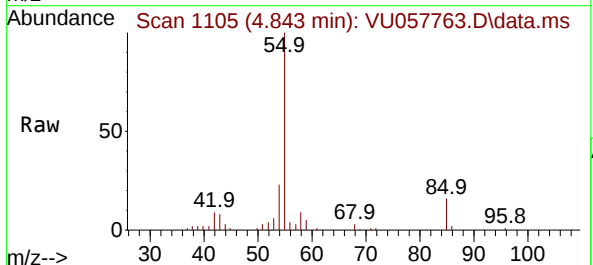
Ion Ratio Lower Upper

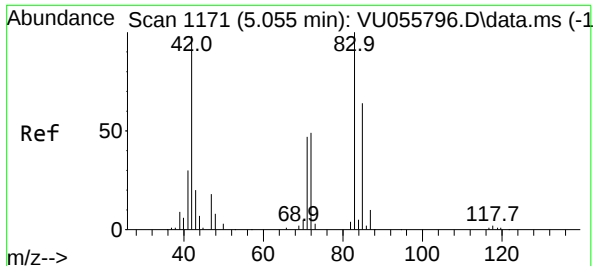
55 100

85 14.9 13.3 19.9

58 7.5 6.5 9.7

42 8.0 5.9 8.9





#41

Tetrahydrofuran

Concen: 31.982 ug/l

RT: 5.062 min Scan# 1171

Delta R.T. 0.007 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

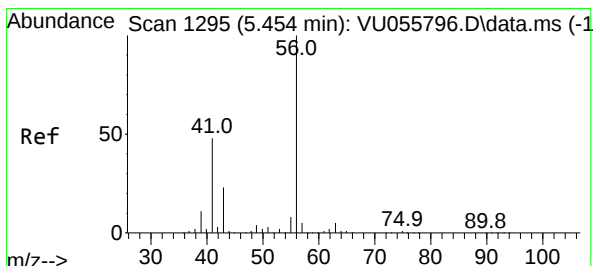
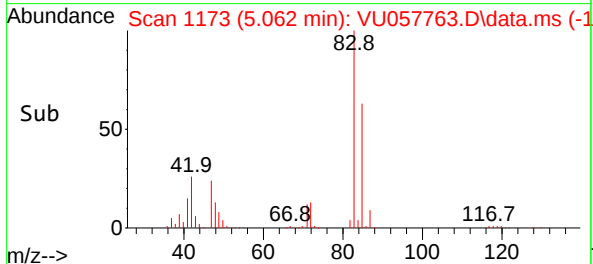
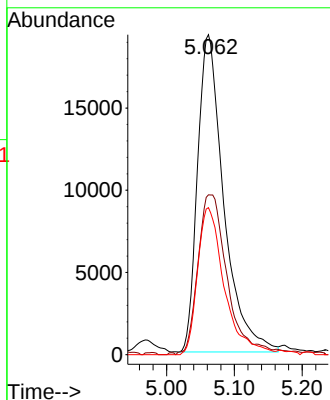
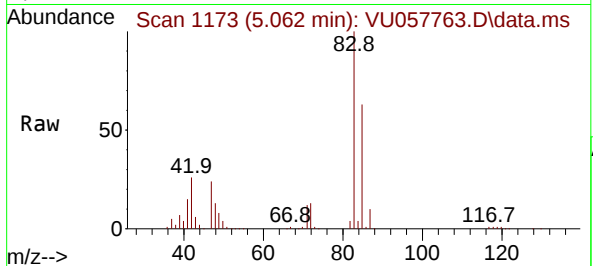
VSTDICC015

Tgt Ion:	42	Resp:	51970
Ion Ratio	Lower	Upper	
42	100		
72	25.5	40.9	61.3
71	47.2	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: 16.006 ug/l

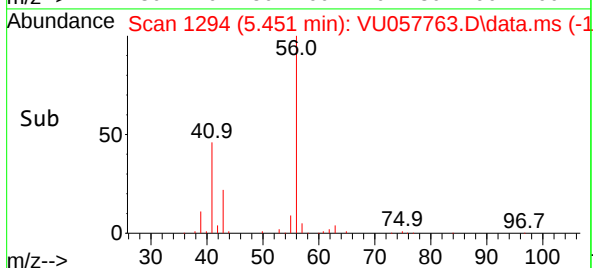
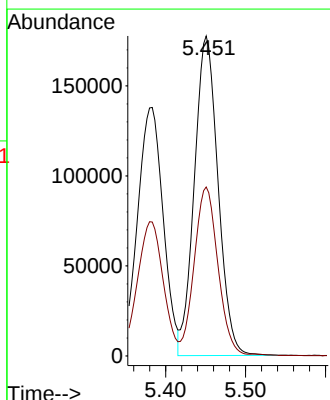
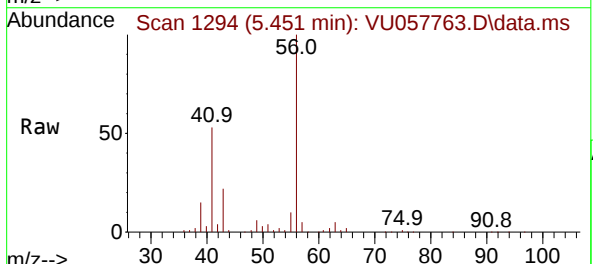
RT: 5.451 min Scan# 1294

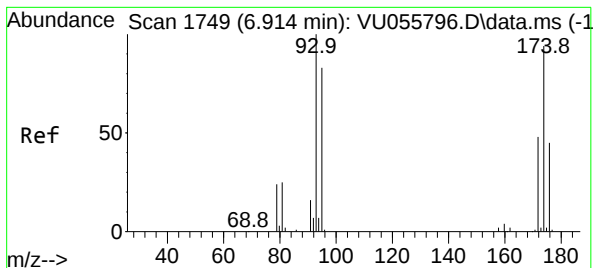
Delta R.T. -0.003 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Tgt Ion:	56	Resp:	365645
Ion Ratio	Lower	Upper	
56	100		
41	52.1	25.2	75.6





#43

Dibromomethane

Concen: 15.896 ug/l

RT: 6.914 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

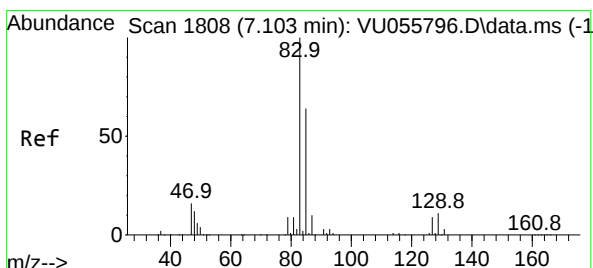
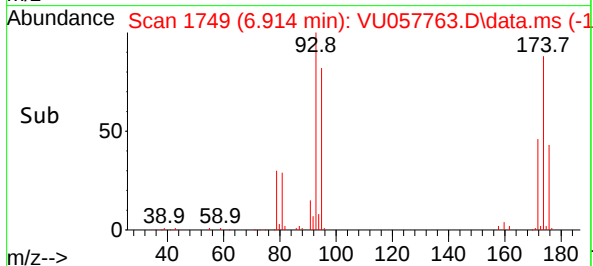
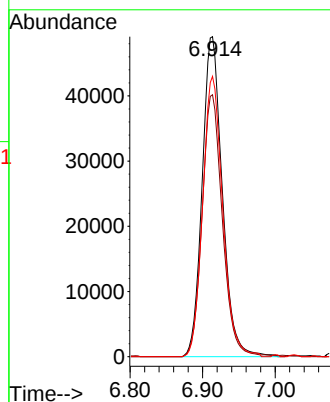
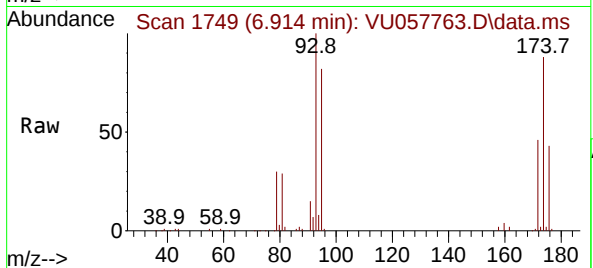
Tgt Ion: 93 Resp: 94564

Ion	Ratio	Lower	Upper
93	100		
95	82.3	67.0	100.6
174	87.4	73.8	110.6

Manual Integrations

APPROVED

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



#44

Bromodichloromethane

Concen: 15.785 ug/l

RT: 7.100 min Scan# 1807

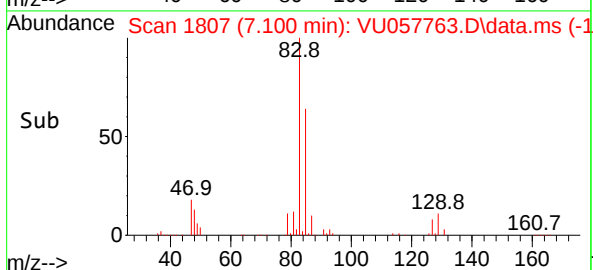
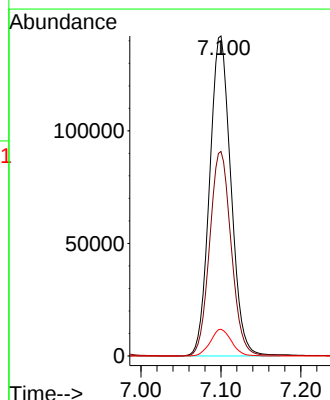
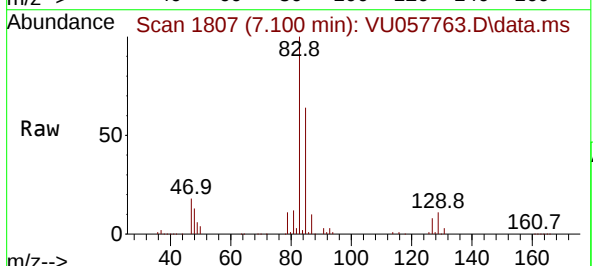
Delta R.T. -0.003 min

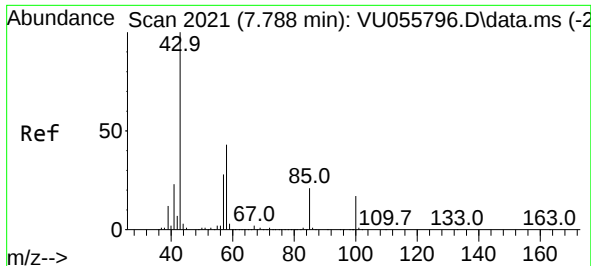
Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Tgt Ion: 83 Resp: 262913

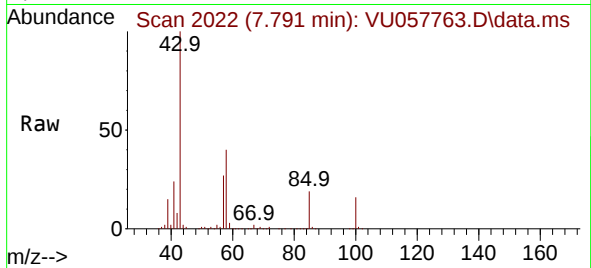
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.9	77.9
127	8.4	6.7	10.1





#45
4-Methyl-2-Pentanone
Concen: 83.858 ug/l
RT: 7.791 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

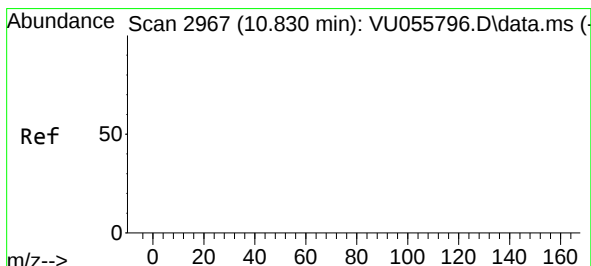
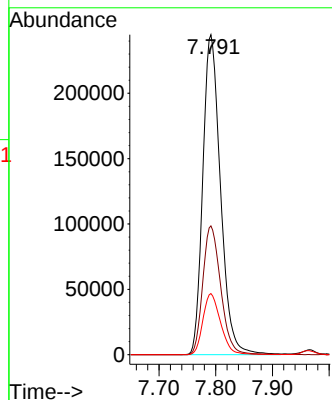
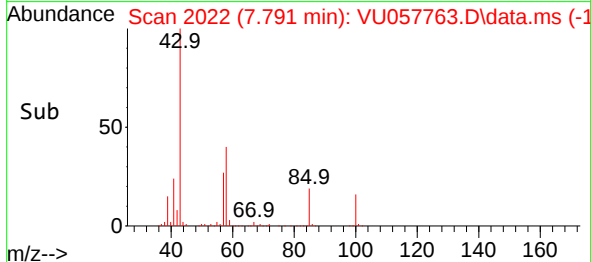
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 43 Resp: 53164
Ion Ratio Lower Upper
43 100
58 40.7 20.9 62.8
85 19.0 14.6 21.8

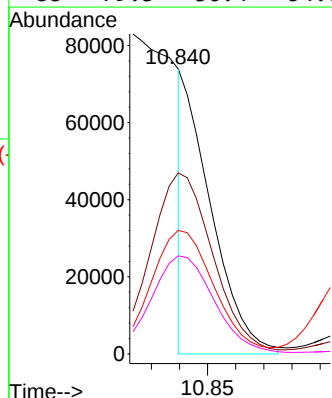
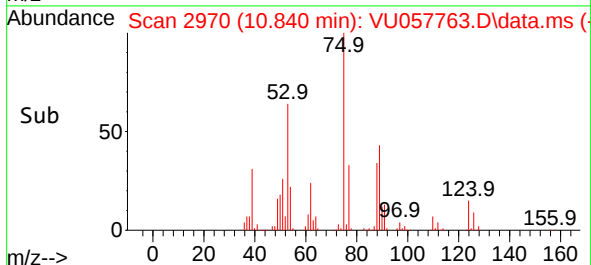
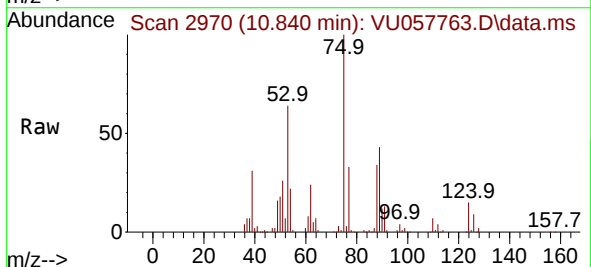
Manual Integrations
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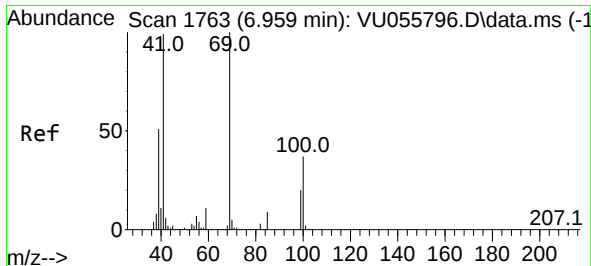
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#46
t-1,4-Dichloro-2-butene
Concen: 17.069 ug/l m
RT: 10.840 min Scan# 2970
Delta R.T. 0.010 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Tgt Ion: 75 Resp: 50841
Ion Ratio Lower Upper
75 100
53 145.0 73.3 109.9#
89 99.8 48.2 72.4#
88 79.3 36.4 54.6#





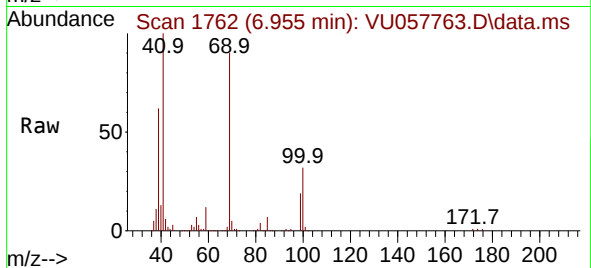
#47
Methyl methacrylate
Concen: 33.269 ug/l
RT: 6.955 min Scan# 1762
Delta R.T. -0.004 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

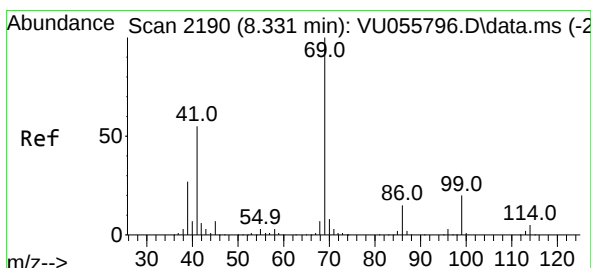
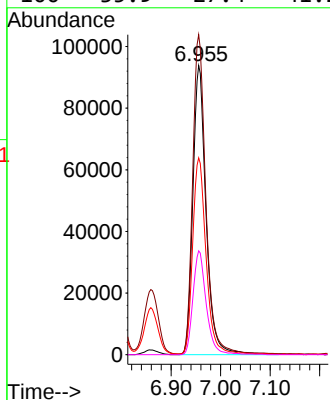
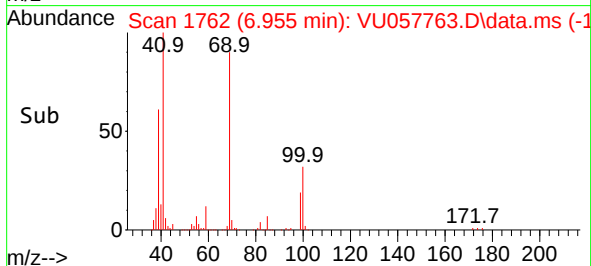


Tgt Ion: 69 Resp: 17482
Ion Ratio Lower Upper
69 100
41 110.5 0.0 209.2
39 68.3 46.7 70.1
100 35.9 27.4 41.2

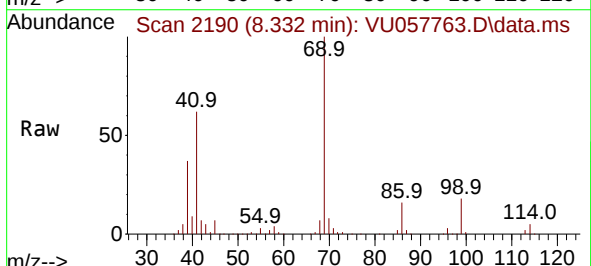
Manual Integrations

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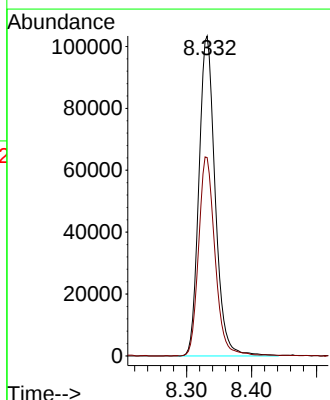
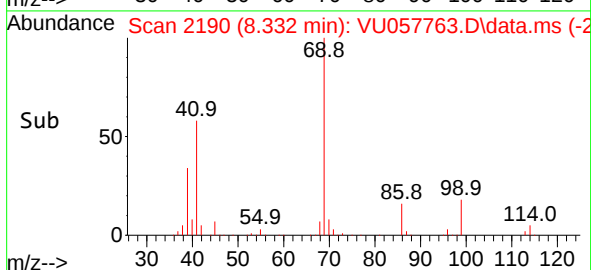
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

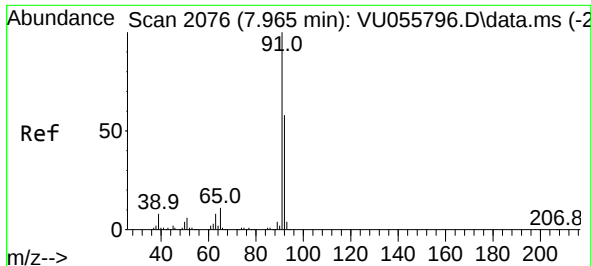


#48
Ethyl methacrylate
Concen: 17.118 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.001 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22



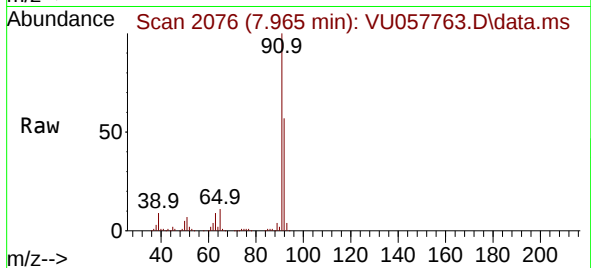
Tgt Ion: 69 Resp: 180301
Ion Ratio Lower Upper
69 100
41 62.8 30.3 90.8





#49
Toluene
Concen: 15.909 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

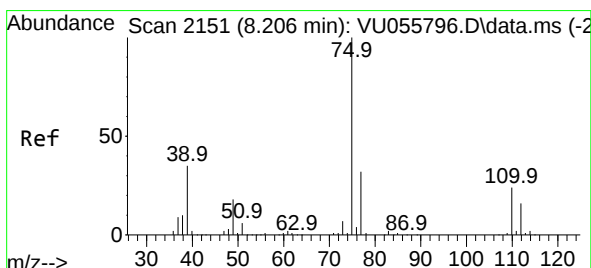
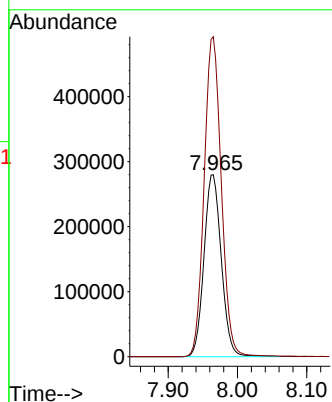
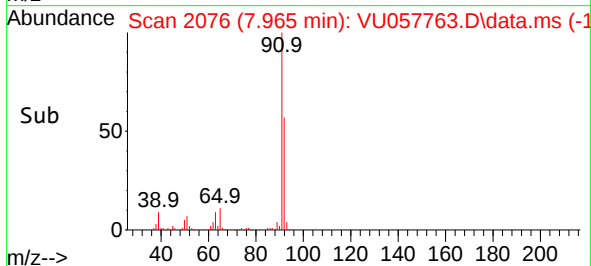
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 92 Resp: 484815
Ion Ratio Lower Upper
92 100
91 174.8 143.0 214.6

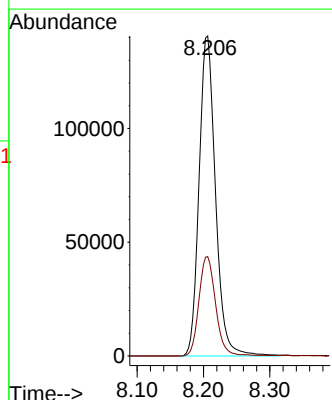
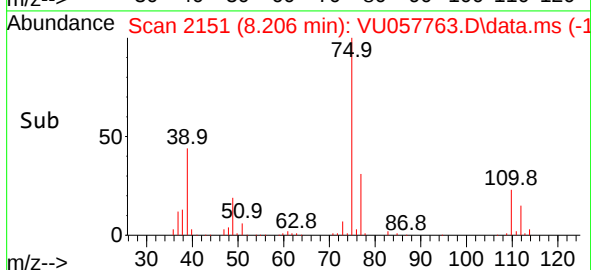
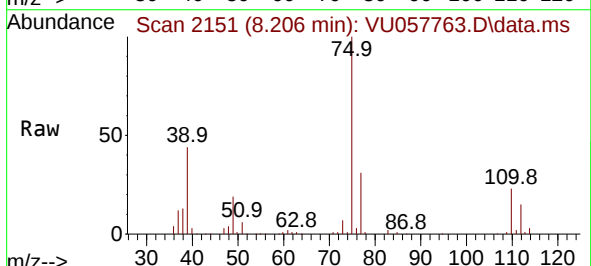
Manual Integrations
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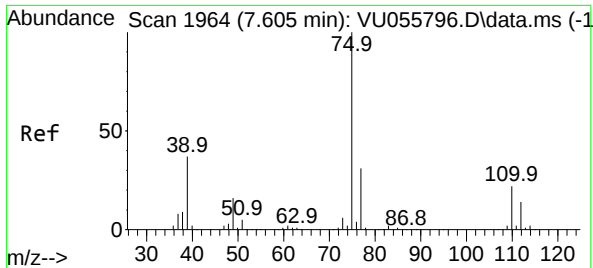
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#50
t-1,3-Dichloropropene
Concen: 16.812 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

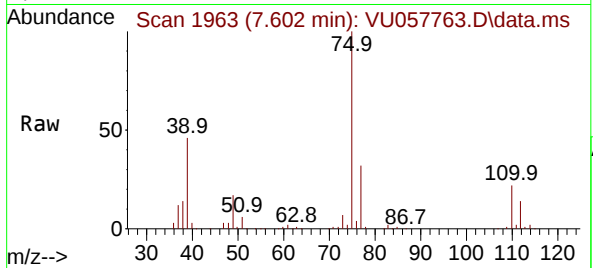
Tgt Ion: 75 Resp: 241746
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 16.194 ug/l
 RT: 7.602 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VU057763.D
 Acq: 31 Jan 2024 13:22

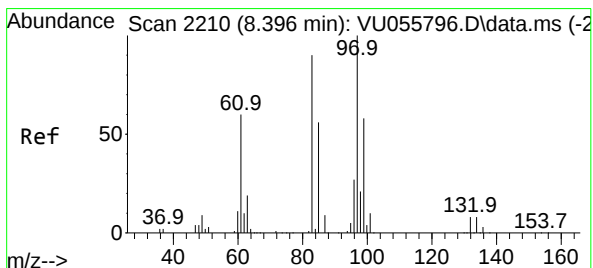
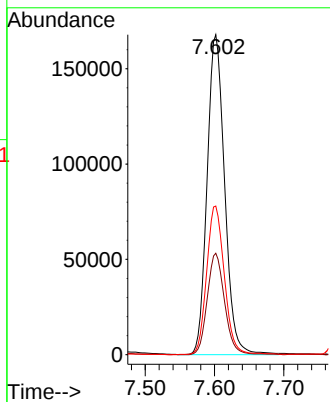
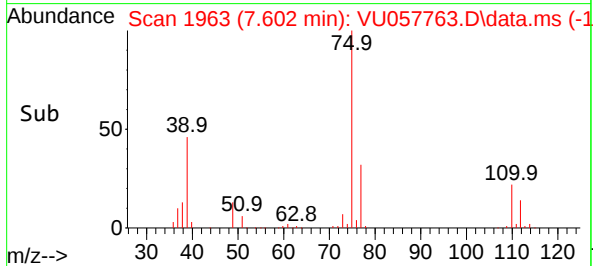
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



Tgt Ion: 75 Resp: 29496
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5
 39 46.4 32.8 49.2

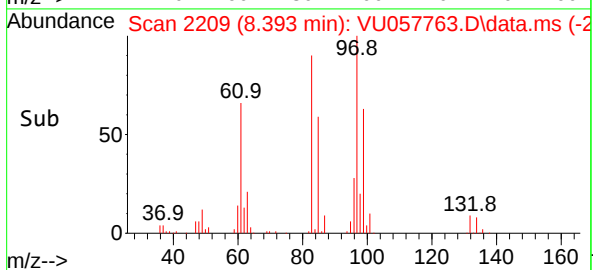
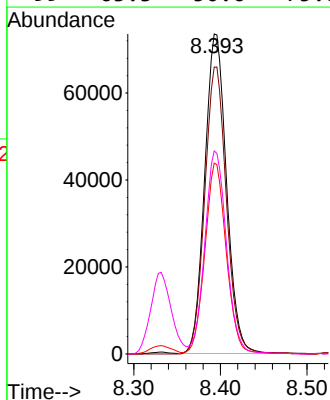
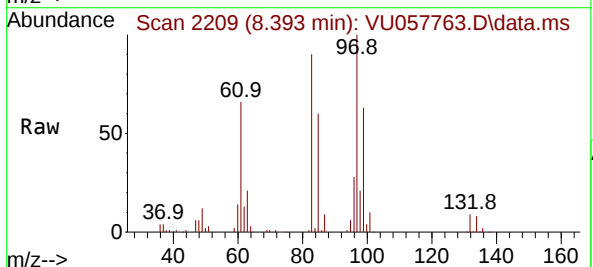
Manual Integrations
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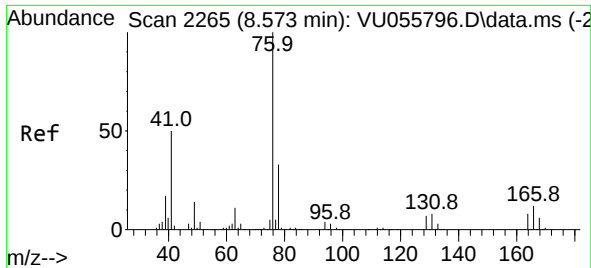
Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024



#52
 1,1,2-Trichloroethane
 Concen: 15.696 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.003 min
 Lab File: VU057763.D
 Acq: 31 Jan 2024 13:22

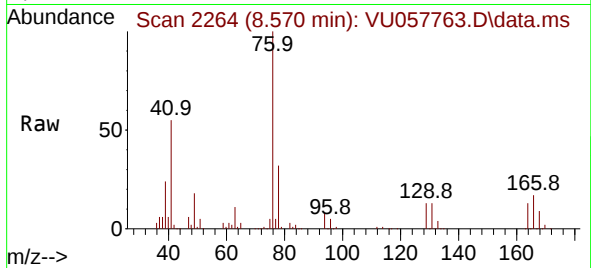
Tgt Ion: 97 Resp: 128664
 Ion Ratio Lower Upper
 97 100
 83 89.8 71.8 107.8
 85 59.5 45.2 67.8
 99 63.3 50.6 75.8





#53
1,3-Dichloropropane
Concen: 15.745 ug/l
RT: 8.570 min Scan# 23196
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

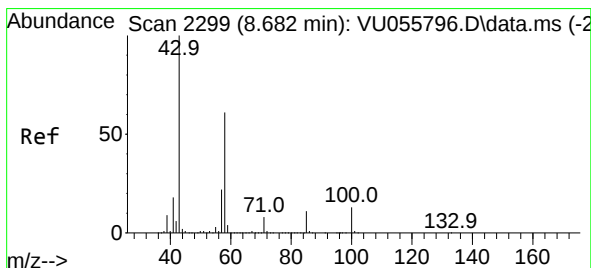
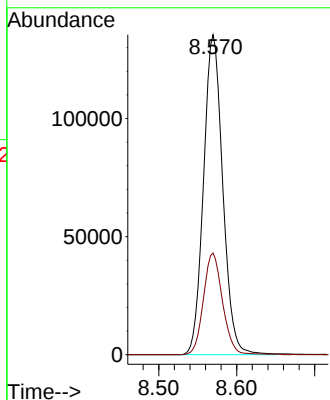
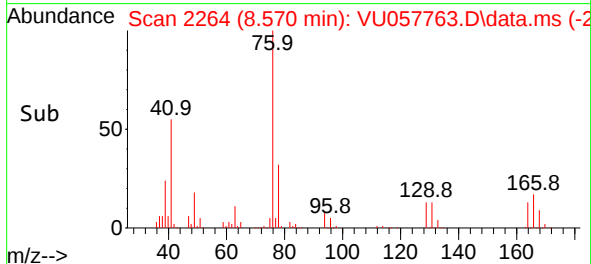
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



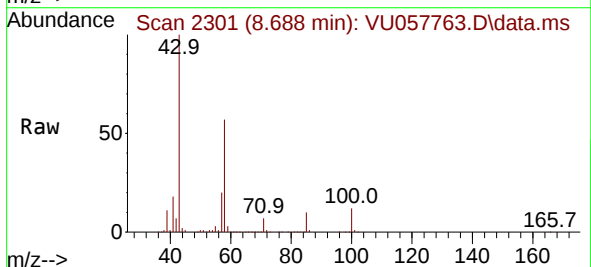
Tgt Ion: 76 Resp: 23196
Ion Ratio Lower Upper
76 100
78 31.5 25.9 38.9

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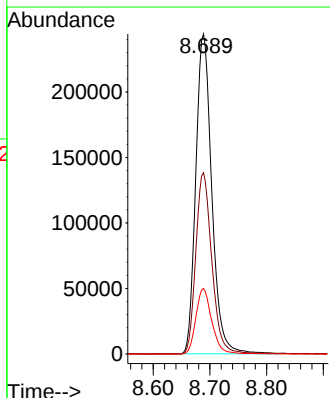
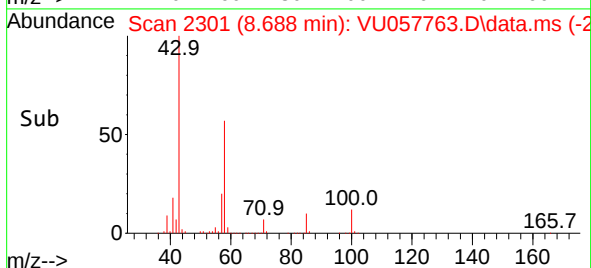
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

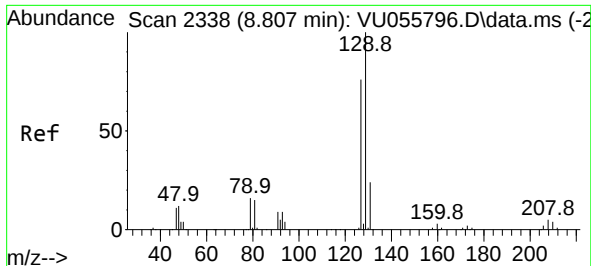


#54
2-Hexanone
Concen: 82.152 ug/l
RT: 8.688 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22



Tgt Ion: 43 Resp: 479457
Ion Ratio Lower Upper
43 100
58 56.6 38.2 78.2
57 20.2 0.0 39.1





#55

Dibromochloromethane

Concen: 16.201 ug/l

RT: 8.804 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:129 Resp: 16437

Ion Ratio Lower Upper

129 100

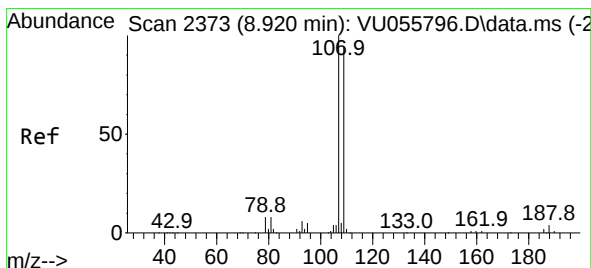
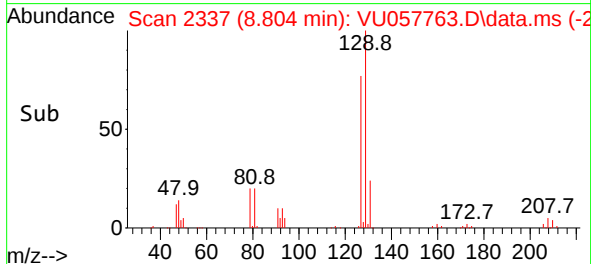
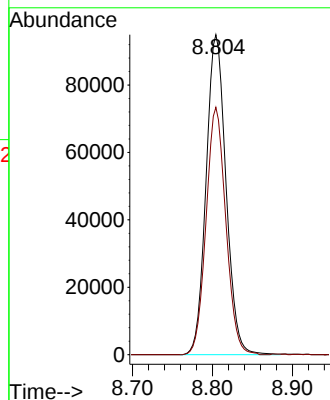
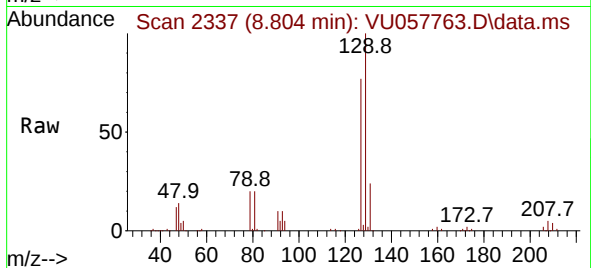
127 76.8 61.4 92.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#56

1,2-Dibromoethane

Concen: 16.297 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. -0.003 min

Lab File: VU057763.D

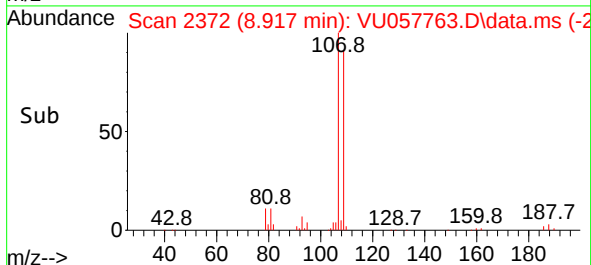
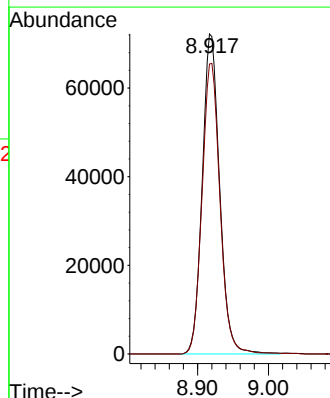
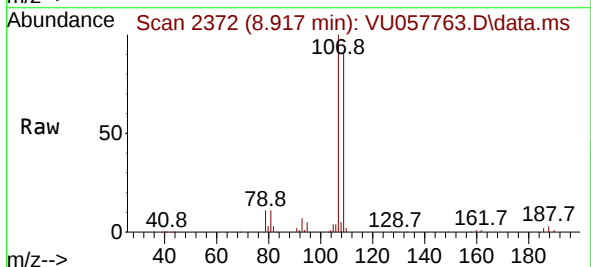
Acq: 31 Jan 2024 13:22

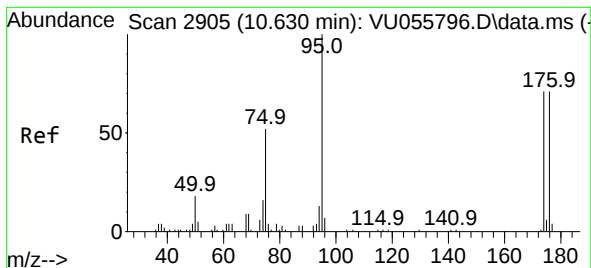
Tgt Ion:107 Resp: 122940

Ion Ratio Lower Upper

107 100

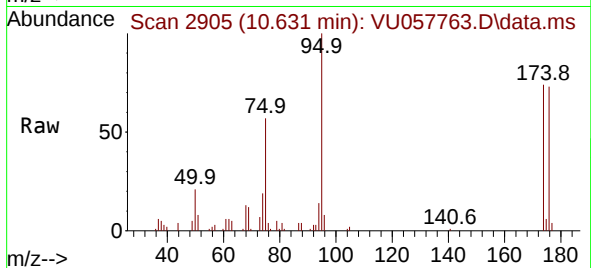
109 93.7 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 1.043 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

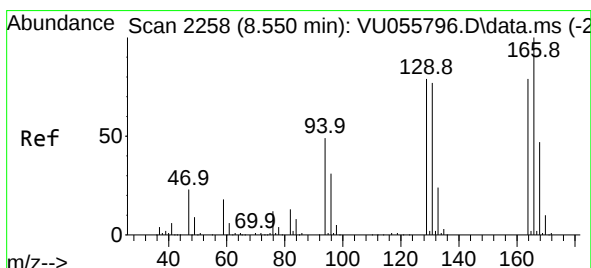
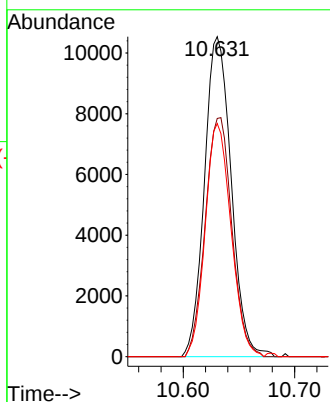
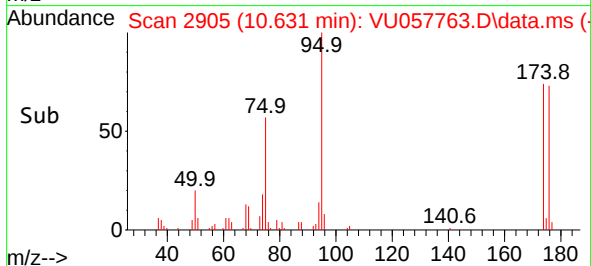
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 95 Resp: 1759
Ion Ratio Lower Upper
95 100
174 74.5 63.3 94.9
176 70.2 59.3 88.9

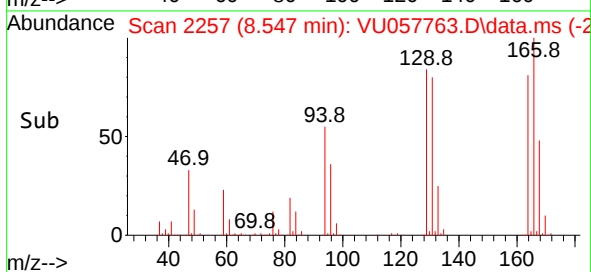
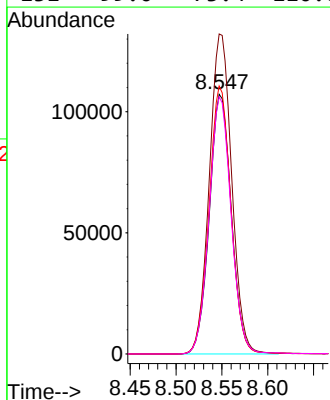
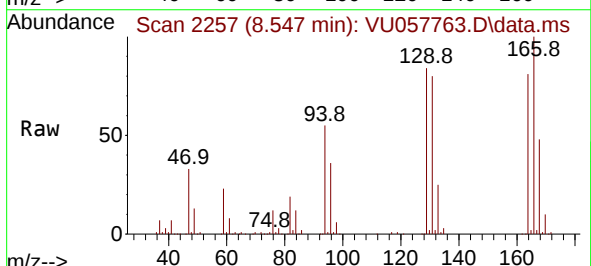
Manual Integrations
APPROVED

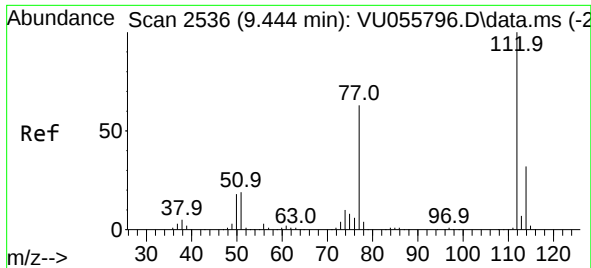
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#58
Tetrachloroethene
Concen: 15.279 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

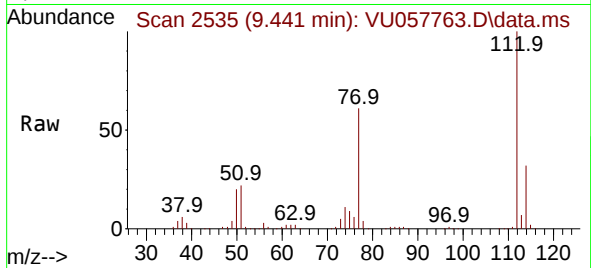
Tgt Ion:164 Resp: 178609
Ion Ratio Lower Upper
164 100
166 123.3 99.6 149.4
129 103.2 78.6 117.8
131 99.0 73.4 110.0





#59
Chlorobenzene
Concen: 16.093 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

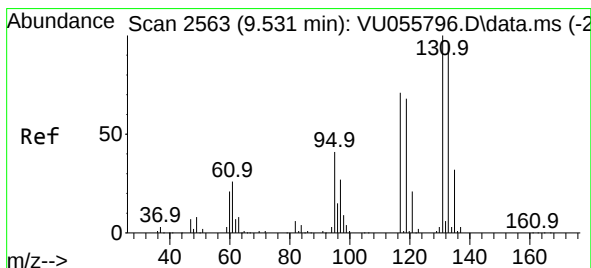
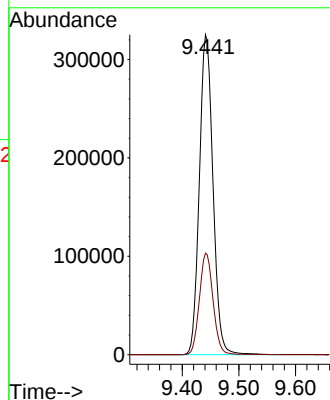
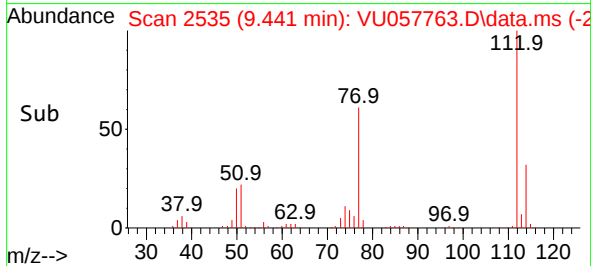
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:112 Resp: 542219
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4

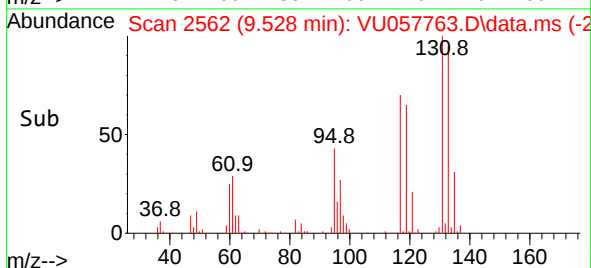
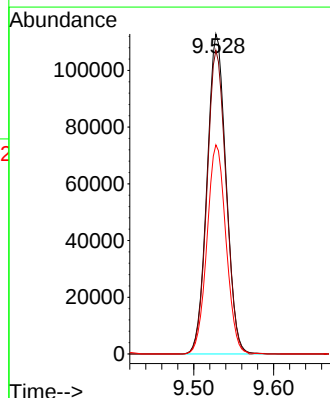
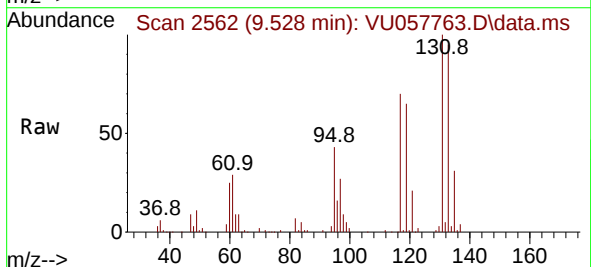
Manual Integrations
APPROVED

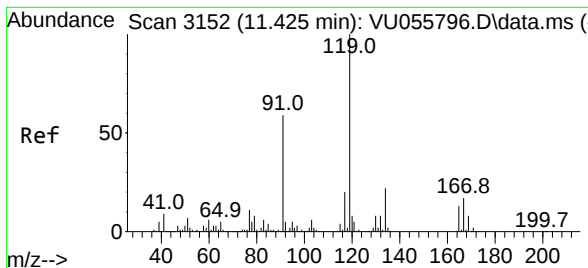
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 16.313 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Tgt Ion:131 Resp: 186595
Ion Ratio Lower Upper
131 100
133 95.3 77.8 116.6
119 65.4 55.2 82.8





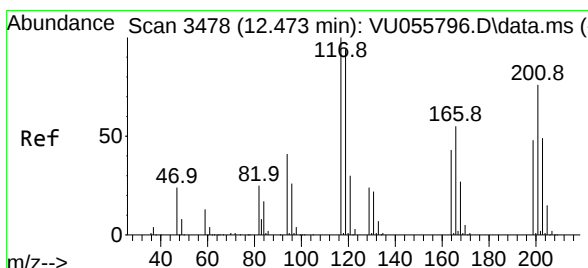
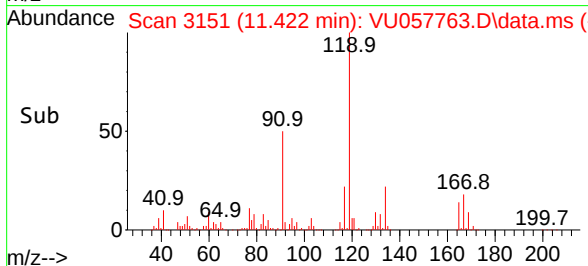
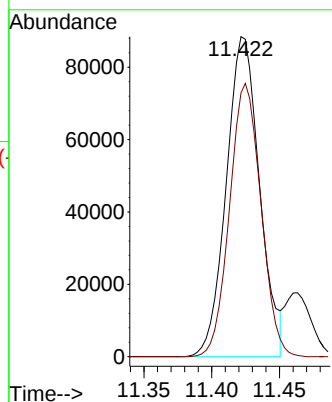
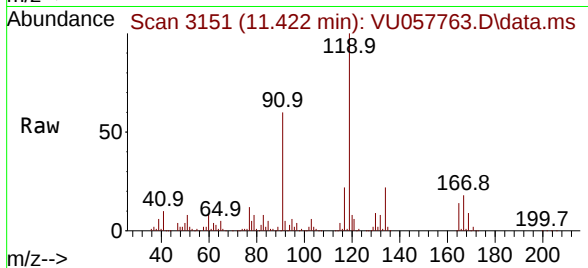
#61
Pentachloroethane
Concen: 18.157 ug/l
RT: 11.422 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:117 Resp: 150978
Ion Ratio Lower Upper
117 100
167 80.6 56.7 85.1

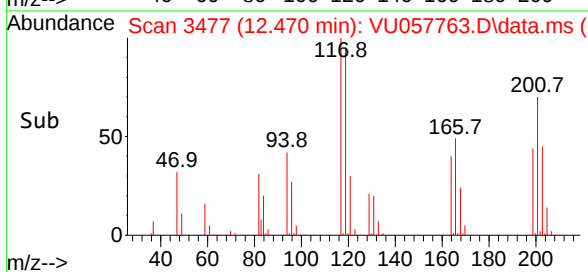
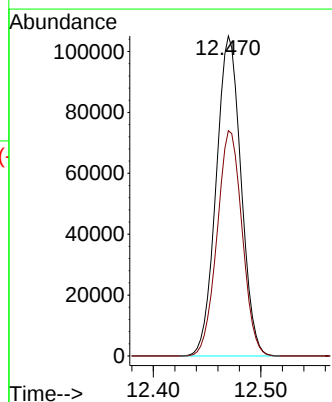
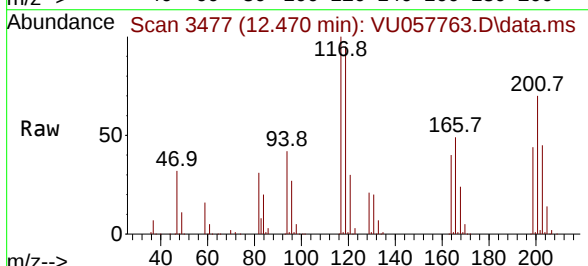
Manual Integrations
APPROVED

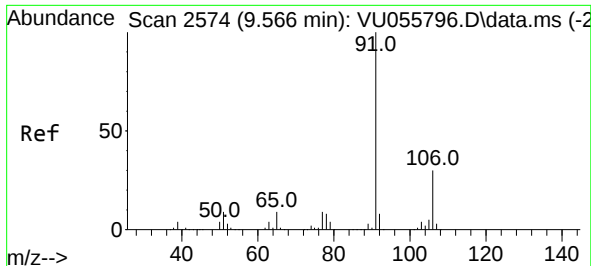
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#62
Hexachloroethane
Concen: 15.092 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

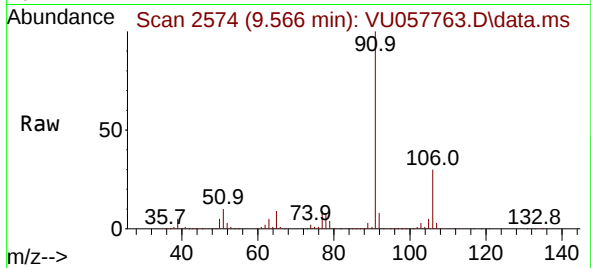
Tgt Ion:117 Resp: 168720
Ion Ratio Lower Upper
117 100
201 71.0 59.6 89.4





#63
Ethyl Benzene
Concen: 16.204 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

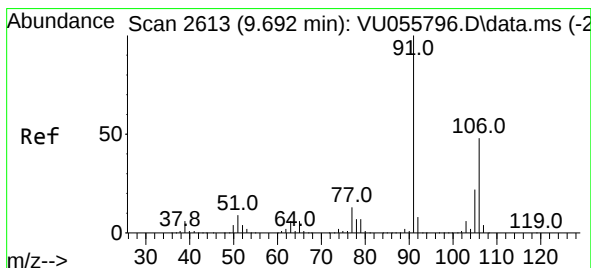
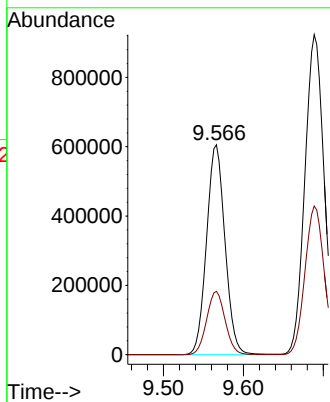
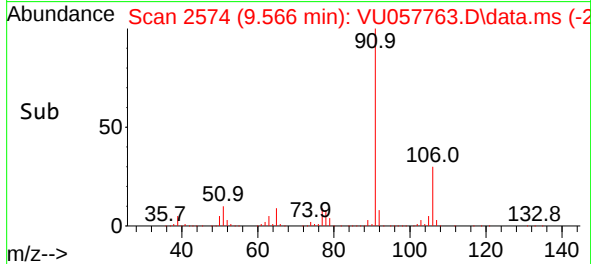
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



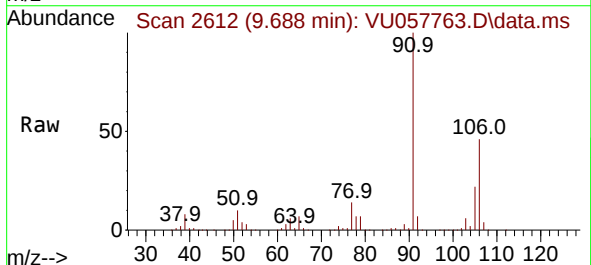
Tgt Ion: 91 Resp: 970960
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2

Manual Integrations
APPROVED

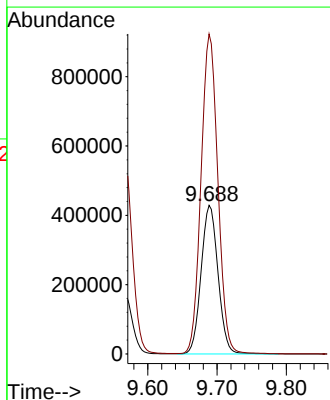
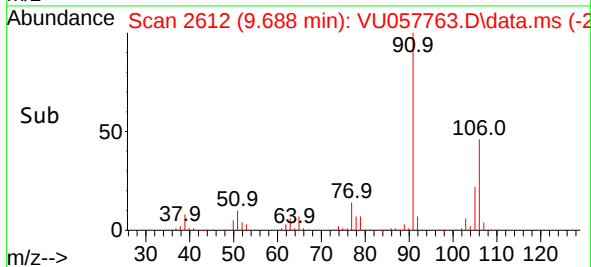
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

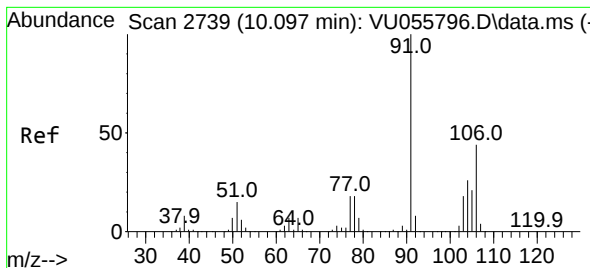


#64
m/p-Xylenes
Concen: 33.252 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. -0.004 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22



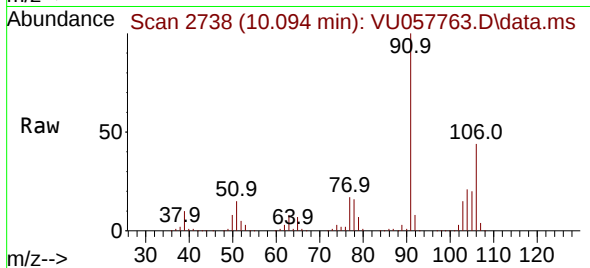
Tgt Ion:106 Resp: 723659
Ion Ratio Lower Upper
106 100
91 214.8 167.3 250.9





#65
o-Xylene
Concen: 16.749 ug/l
RT: 10.094 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

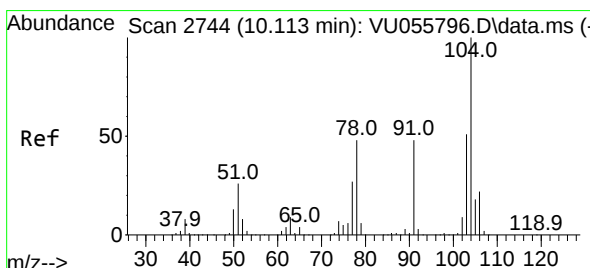
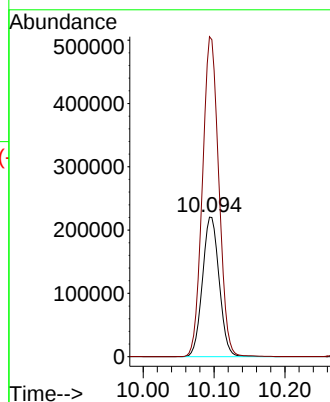
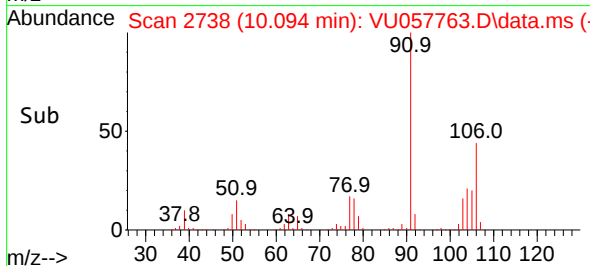
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



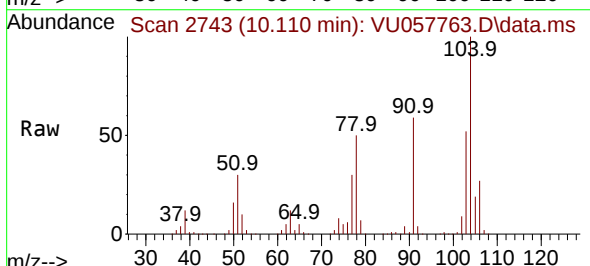
Tgt Ion:106 Resp: 36080
Ion Ratio Lower Upper
106 100
91 225.5 109.3 327.9

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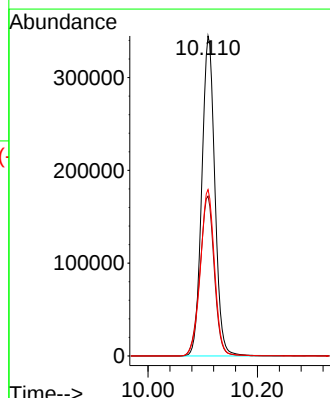
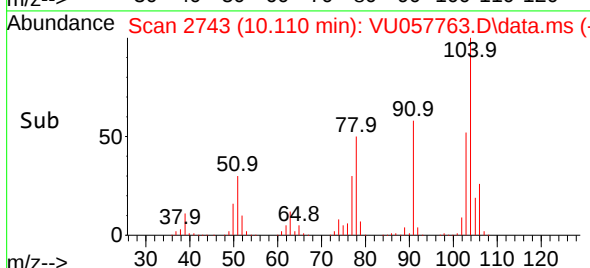
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

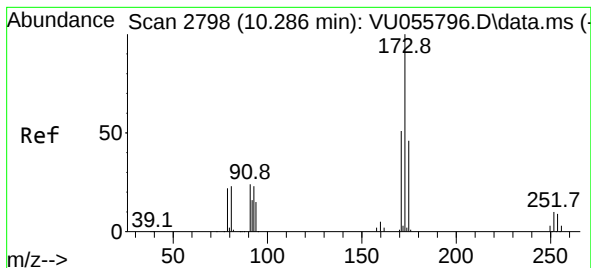


#66
Styrene
Concen: 17.770 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22



Tgt Ion:104 Resp: 571363
Ion Ratio Lower Upper
104 100
78 54.8 39.7 59.5
103 56.4 44.8 67.2





#67

Bromoform

Concen: 17.626 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

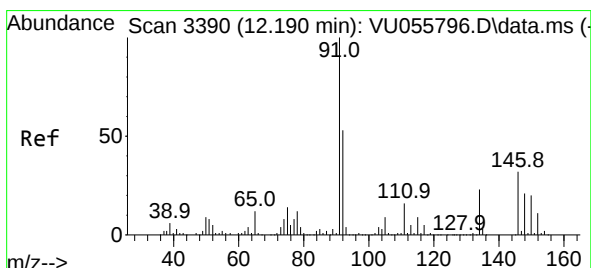
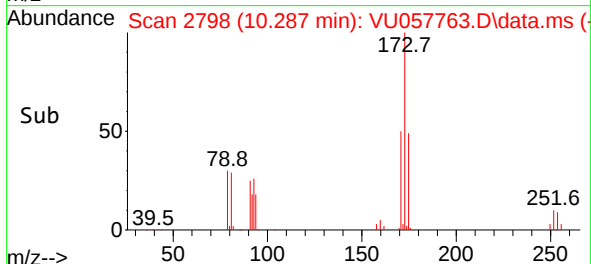
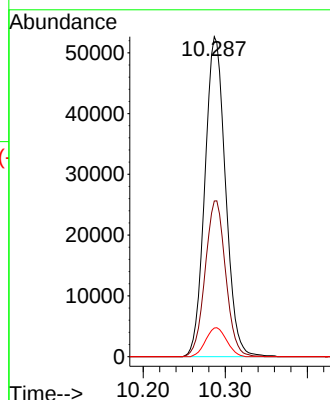
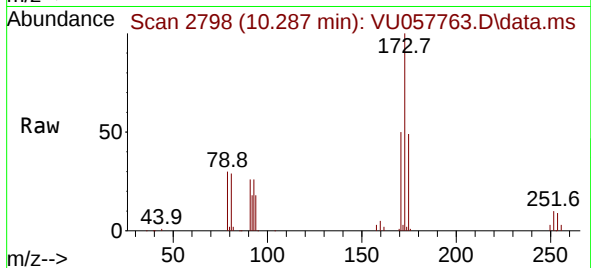
VSTDICC015

Tgt Ion:173	Resp:	9204
Ion Ratio	Lower	Upper
173	100	
175	48.4	39.0 58.6
254	9.2	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: 1.076 ug/l

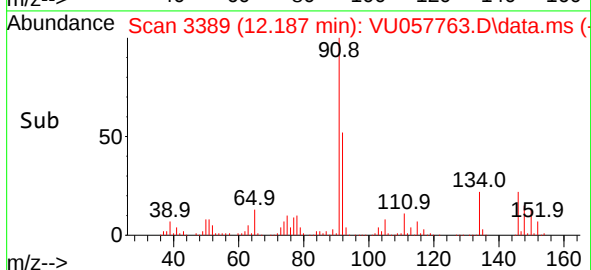
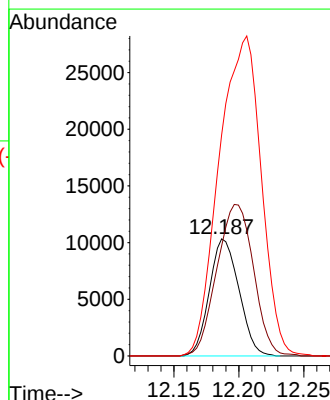
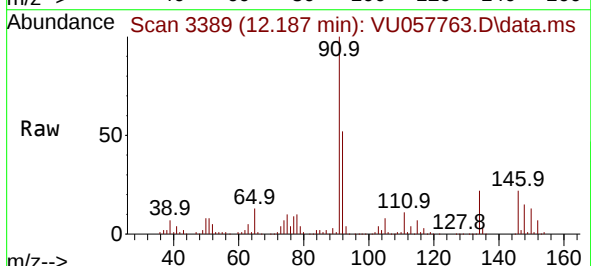
RT: 12.187 min Scan# 3389

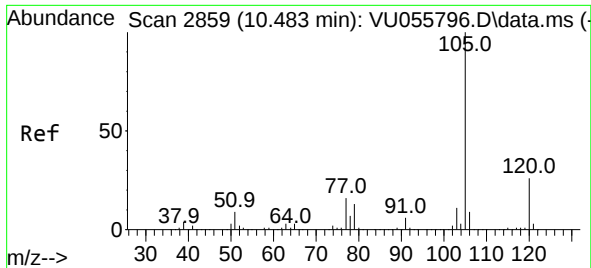
Delta R.T. -0.003 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Tgt Ion:152	Resp:	16334
Ion Ratio	Lower	Upper
152	100	
115	160.7	0.0 308.8
150	388.4	0.0 635.0





#69
Isopropylbenzene
Concen: 17.091 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. -0.004 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

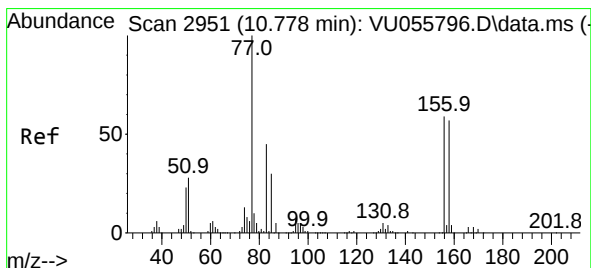
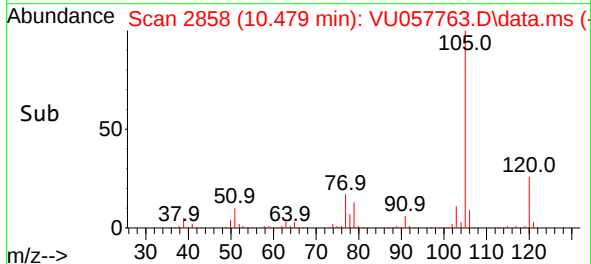
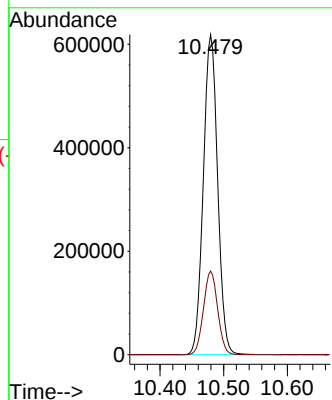
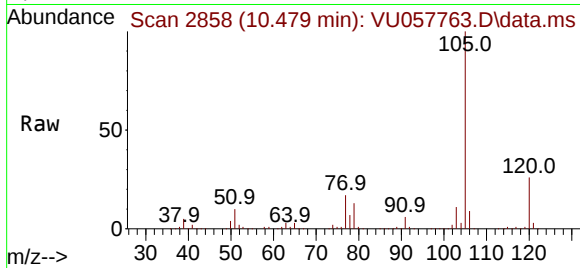
VSTDIC015

Tgt Ion:105 Resp: 965204
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4

Manual Integrations

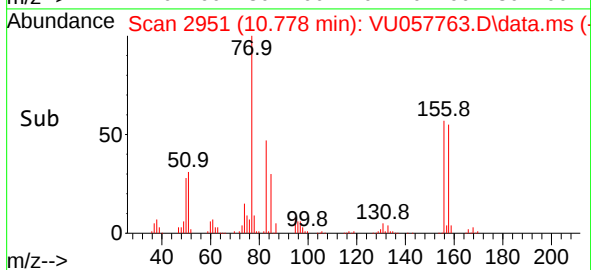
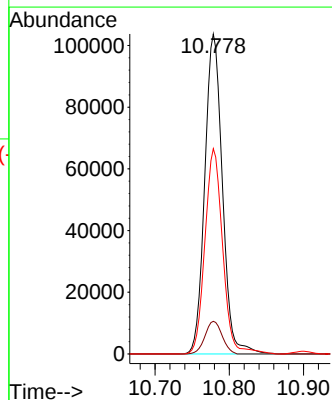
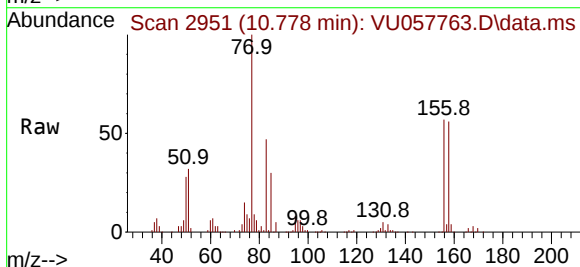
APPROVED

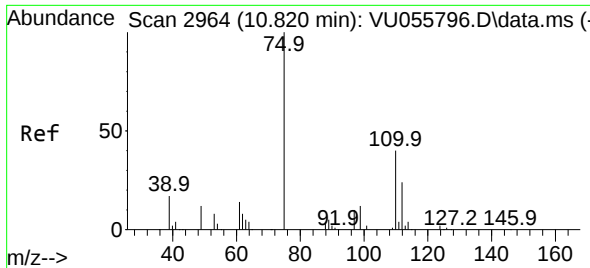
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 16.627 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

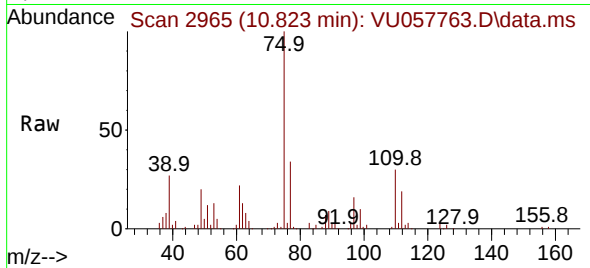
Tgt Ion: 83 Resp: 170815
Ion Ratio Lower Upper
83 100
131 9.9 7.2 10.8
85 64.5 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 18.124 ug/l m
RT: 10.823 min Scan# 2965
Delta R.T. 0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

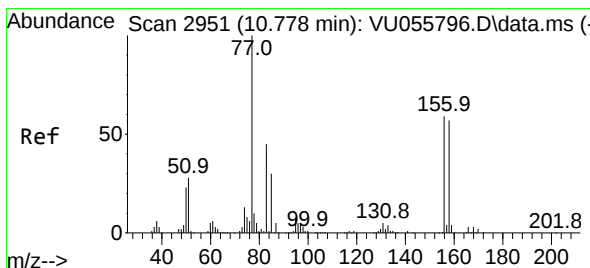
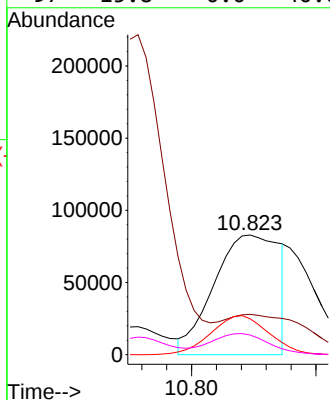
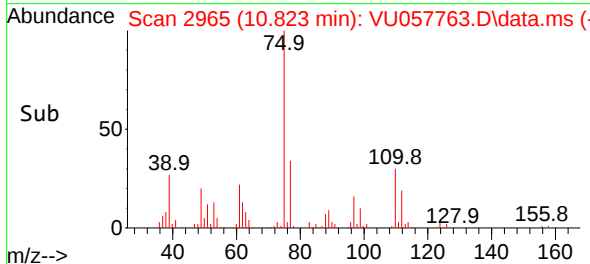
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



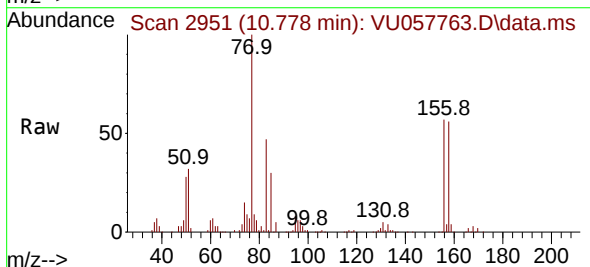
Tgt Ion: 75 Resp: 151599
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 29.0 0.0 74.6
97 15.8 0.0 40.0

Manual Integrations
APPROVED

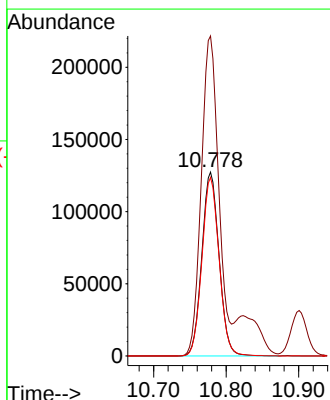
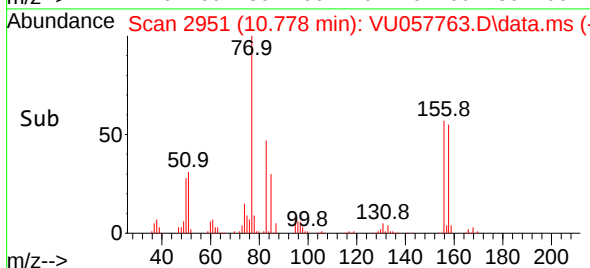
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

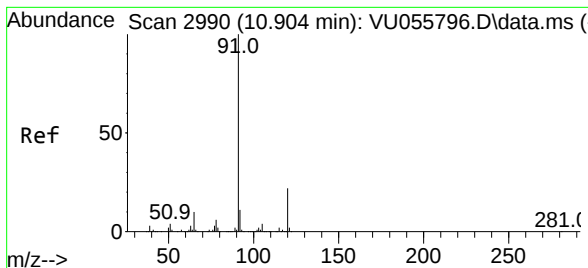


#72
Bromobenzene
Concen: 16.904 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22



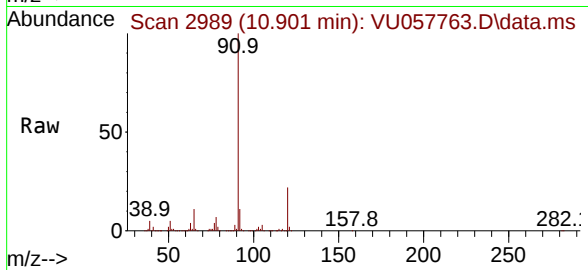
Tgt Ion:156 Resp: 210085
Ion Ratio Lower Upper
156 100
77 175.6 0.0 343.0
158 96.8 0.0 194.8





#73
n-propylbenzene
Concen: 17.732 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

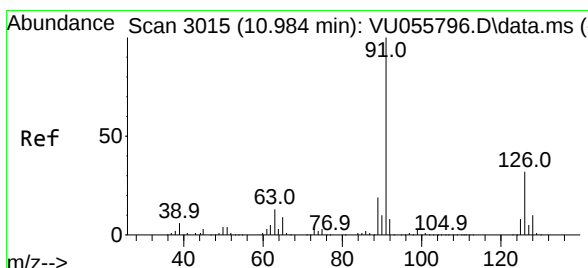
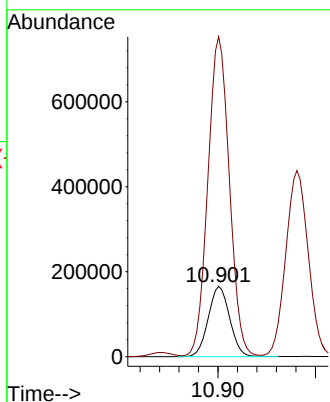
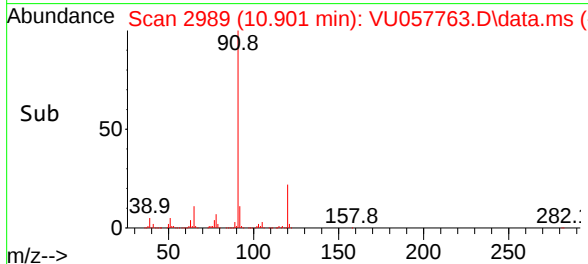
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



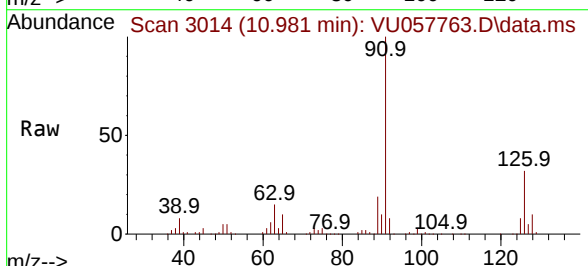
Tgt Ion:120 Resp: 251634
Ion Ratio Lower Upper
120 100
91 455.2 369.8 554.6

Manual Integrations
APPROVED

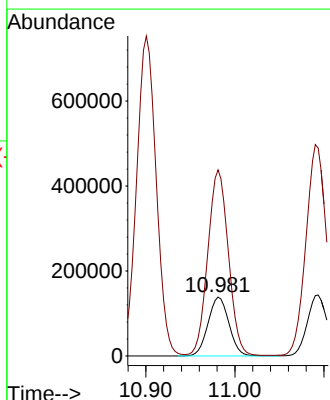
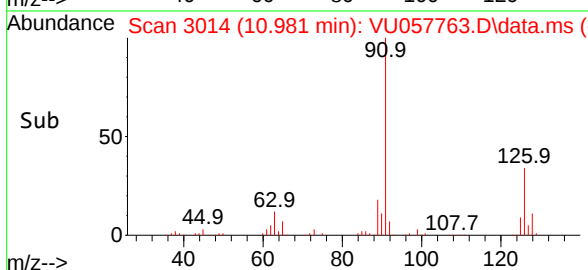
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

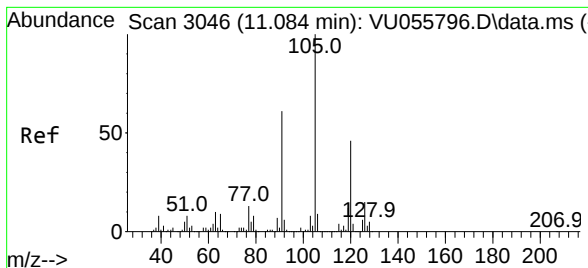


#74
2-Chlorotoluene
Concen: 17.089 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22



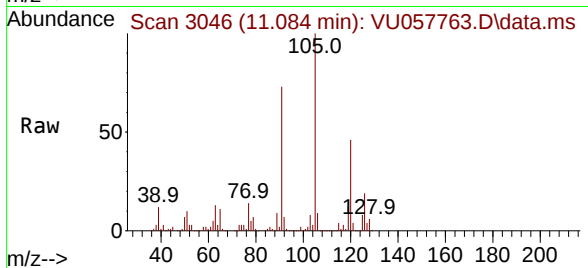
Tgt Ion:126 Resp: 224962
Ion Ratio Lower Upper
126 100
91 309.6 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 16.801 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

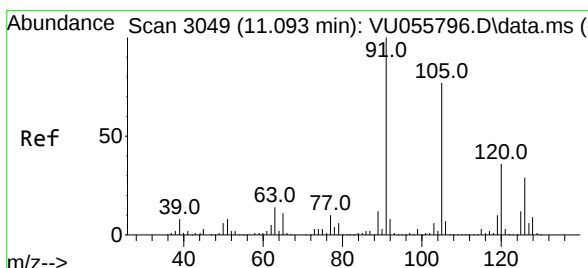
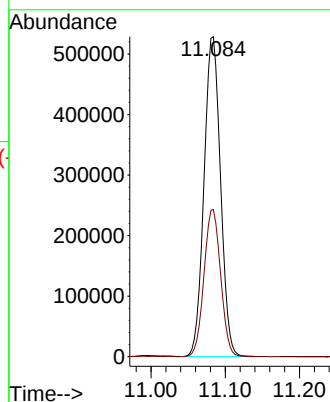
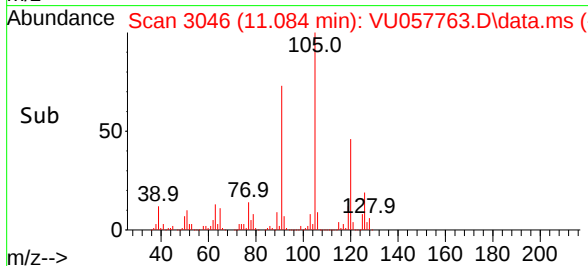
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



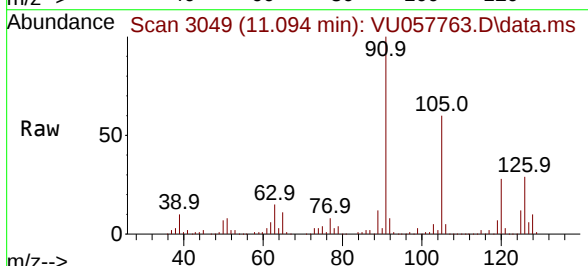
Tgt Ion:105 Resp: 81501
Ion Ratio Lower Upper
105 100
120 46.4 37.8 56.8

Manual Integrations
APPROVED

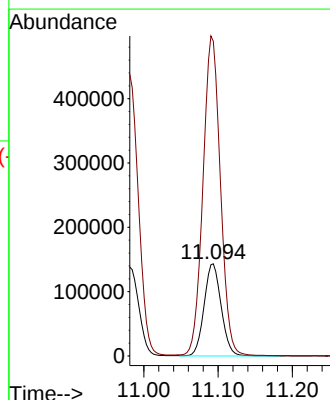
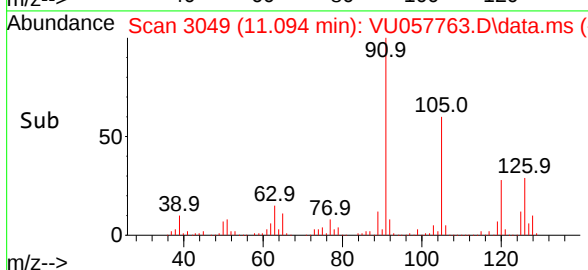
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

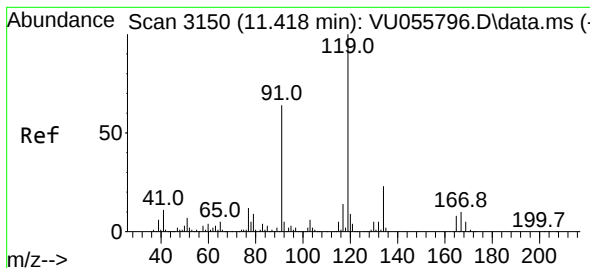


#76
4-Chlorotoluene
Concen: 17.258 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.001 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22



Tgt Ion:126 Resp: 228332
Ion Ratio Lower Upper
126 100
91 354.9 0.0 686.2





#77

tert-Butylbenzene

Concen: 17.243 ug/l

RT: 11.415 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:119 Resp: 78491

Ion Ratio Lower Upper

119 100

91 63.0 30.8 92.4

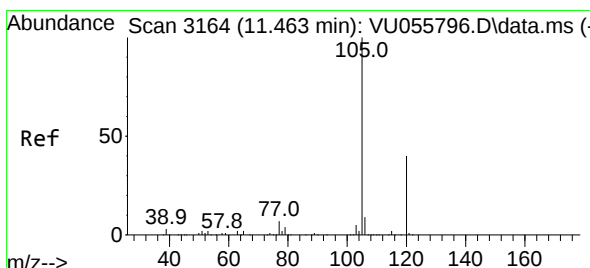
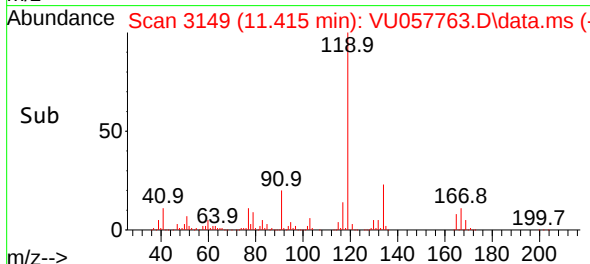
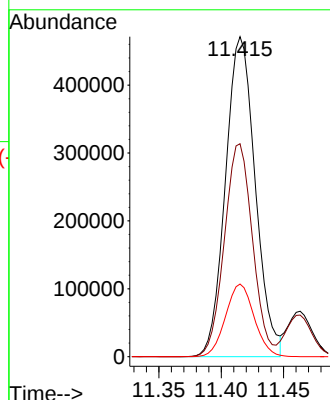
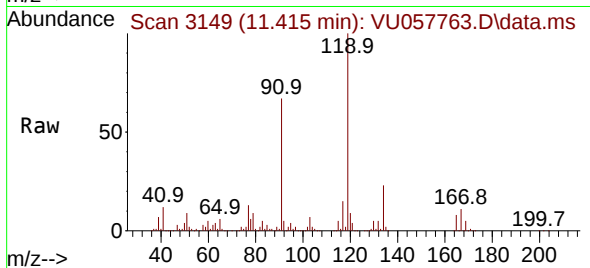
134 21.8 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#78

1,2,4-Trimethylbenzene

Concen: 16.962 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU057763.D

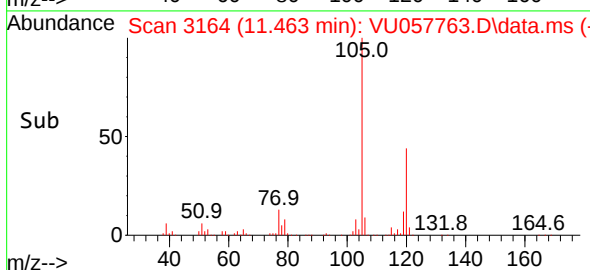
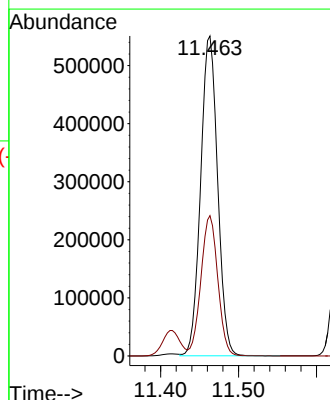
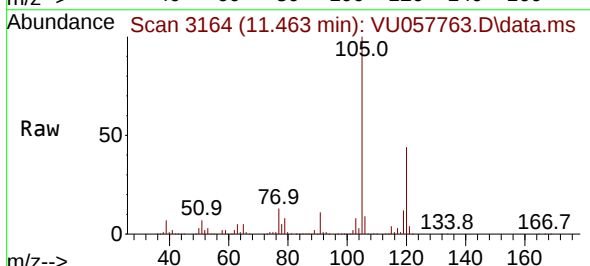
Acq: 31 Jan 2024 13:22

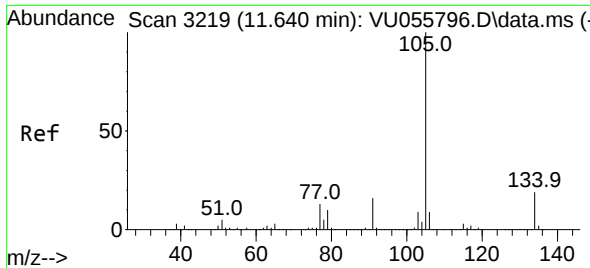
Tgt Ion:105 Resp: 834556

Ion Ratio Lower Upper

105 100

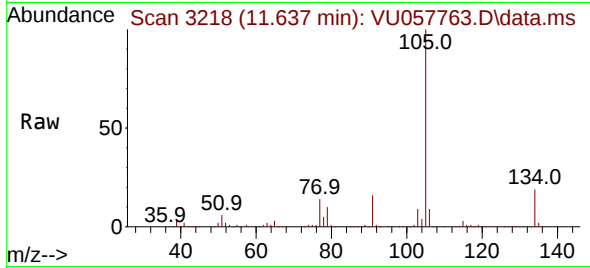
120 43.6 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 17.120 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057763.D
 Acq: 31 Jan 2024 13:22

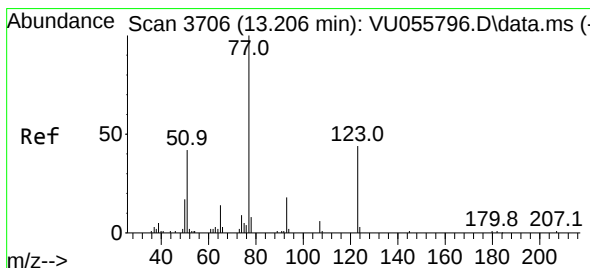
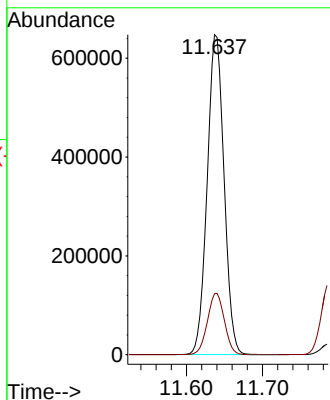
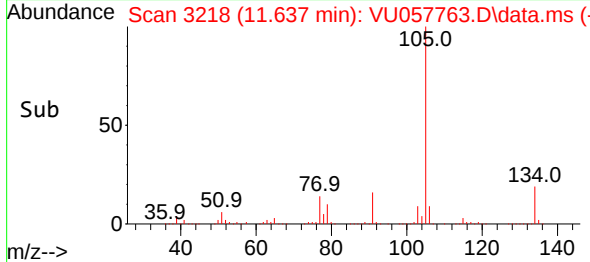
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



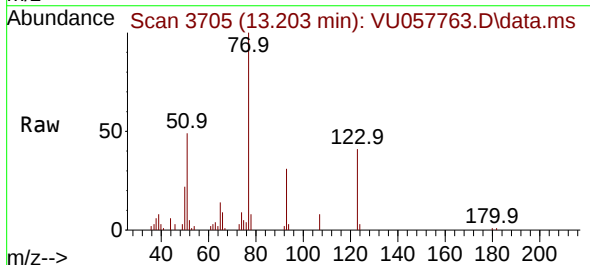
Tgt Ion:105 Resp: 996118
 Ion Ratio Lower Upper
 105 100
 134 19.3 14.9 22.3

Manual Integrations
 APPROVED

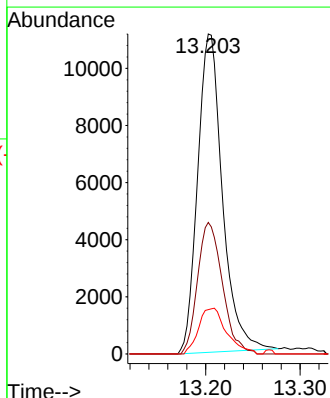
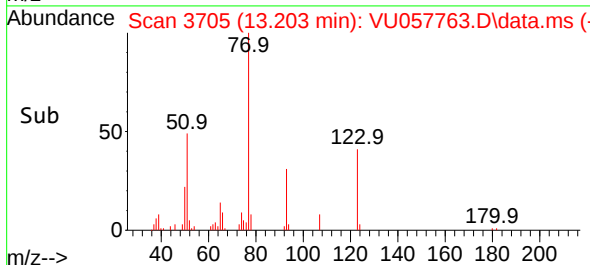
Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

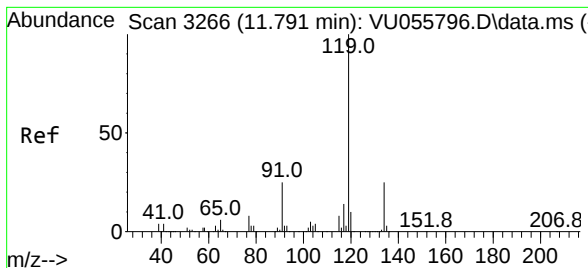


#80
 Nitrobenzene
 Concen: 74.775 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.003 min
 Lab File: VU057763.D
 Acq: 31 Jan 2024 13:22



Tgt Ion: 77 Resp: 20306
 Ion Ratio Lower Upper
 77 100
 123 41.3 19.7 69.7
 65 16.2 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 17.253 ug/l

RT: 11.788 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

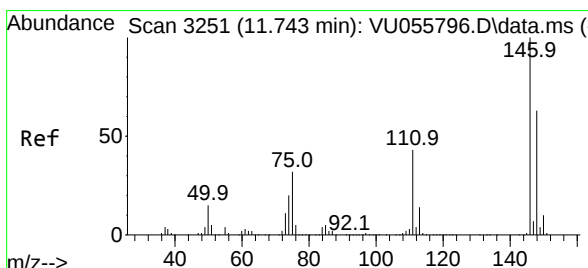
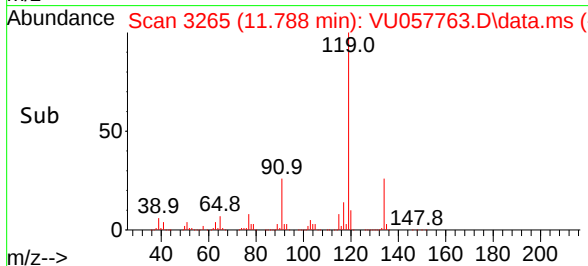
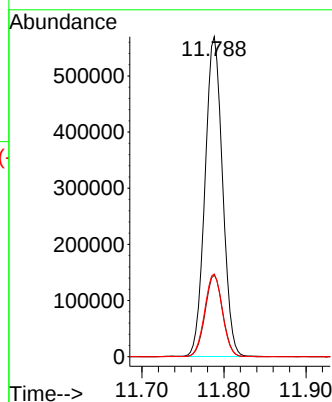
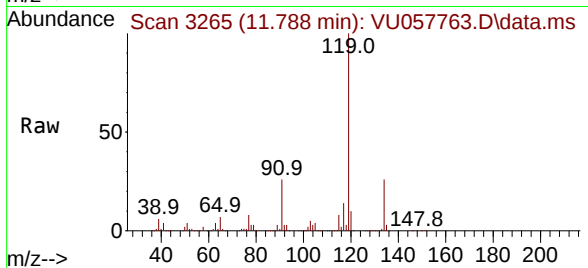
Tgt Ion:119 Resp: 846394

Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.2	30.4
91	26.0	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: 16.747 ug/l

RT: 11.740 min Scan# 3250

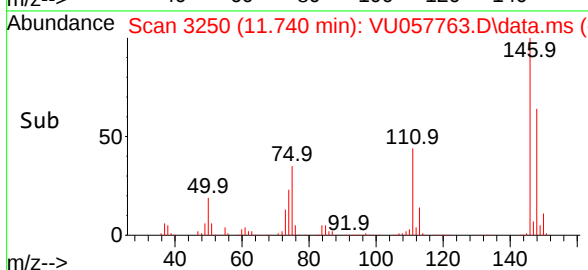
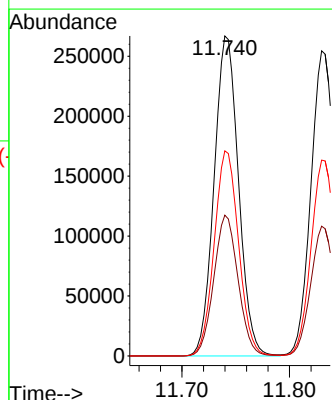
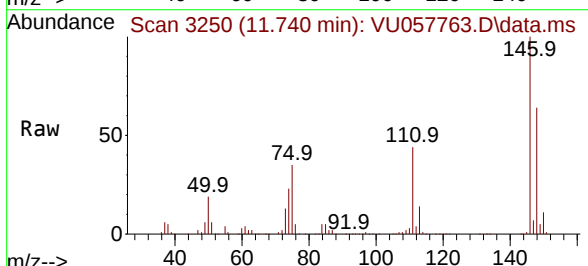
Delta R.T. -0.003 min

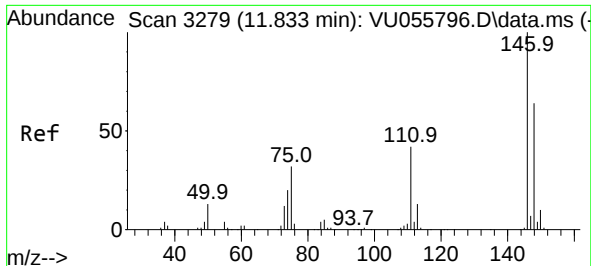
Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Tgt Ion:146 Resp: 420773

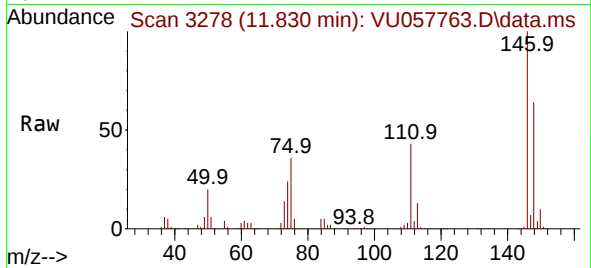
Ion	Ratio	Lower	Upper
146	100		
111	43.8	32.6	49.0
148	64.1	51.0	76.4





#83
1,4-Dichlorobenzene
Concen: 16.765 ug/l
RT: 11.830 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

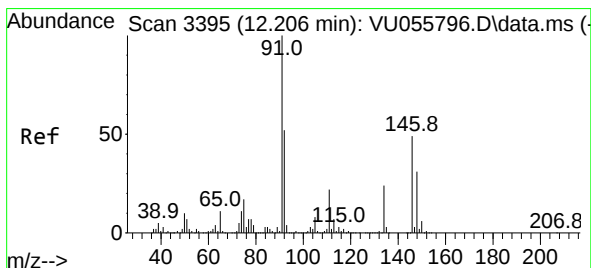
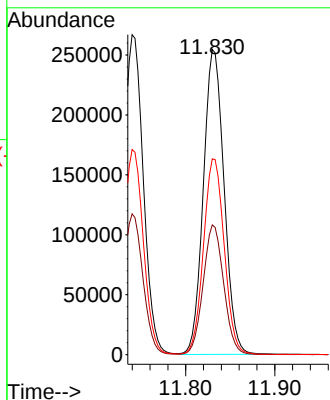
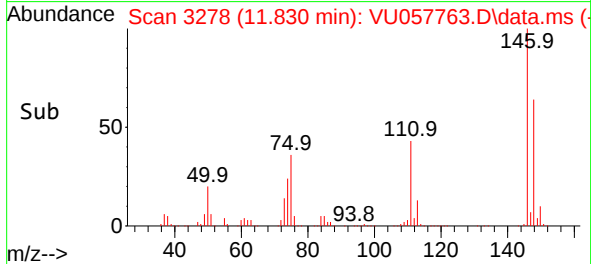
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



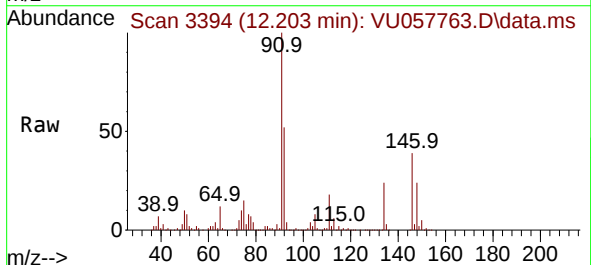
Tgt Ion:146 Resp: 41120
Ion Ratio Lower Upper
146 100
111 42.0 31.6 47.4
148 64.4 50.3 75.5

Manual Integrations
APPROVED

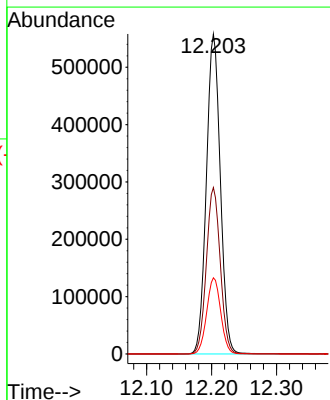
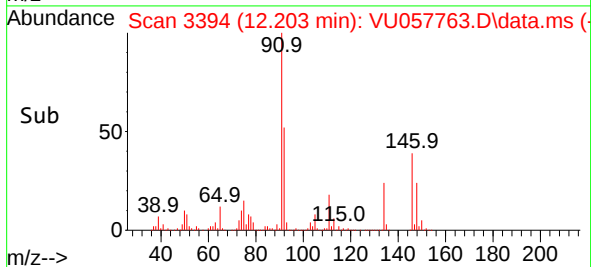
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

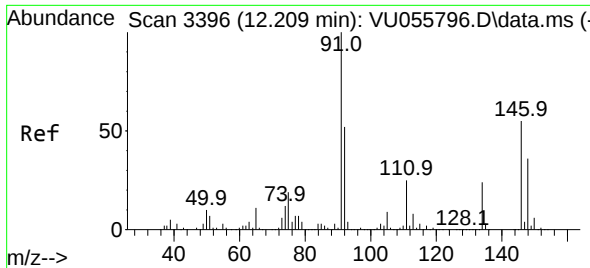


#84
n-Butylbenzene
Concen: 17.770 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22



Tgt Ion: 91 Resp: 833690
Ion Ratio Lower Upper
91 100
92 51.8 40.8 61.2
134 23.9 18.4 27.6





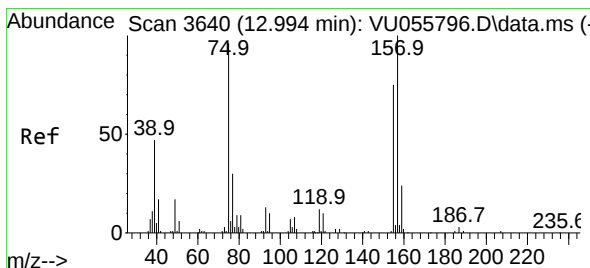
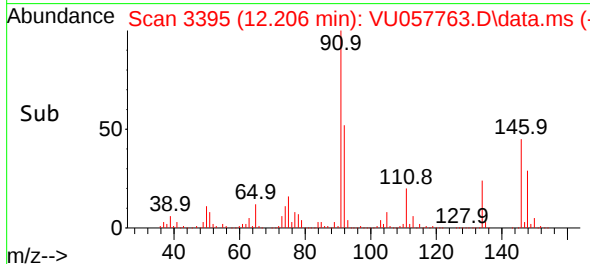
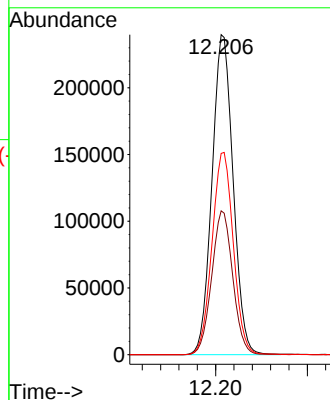
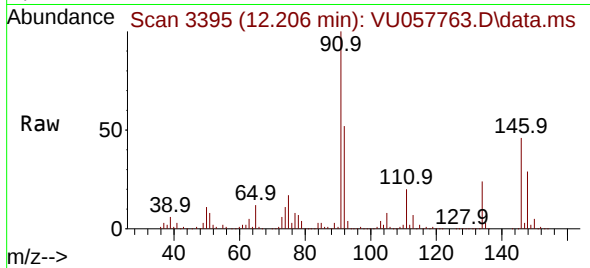
#85
1,2-Dichlorobenzene
Concen: 16.790 ug/l
RT: 12.206 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:146 Resp: 38277
Ion Ratio Lower Upper
146 100
111 44.8 21.6 64.6
148 64.0 32.1 96.5

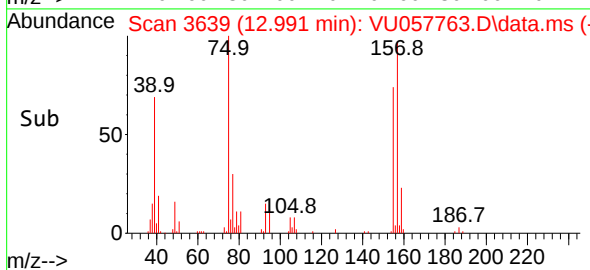
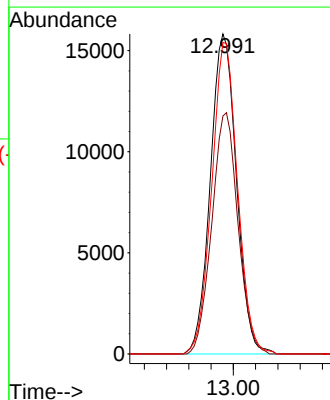
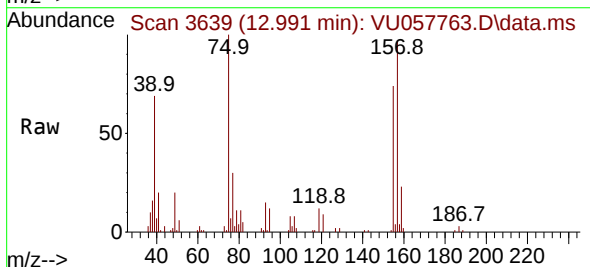
Manual Integrations
APPROVED

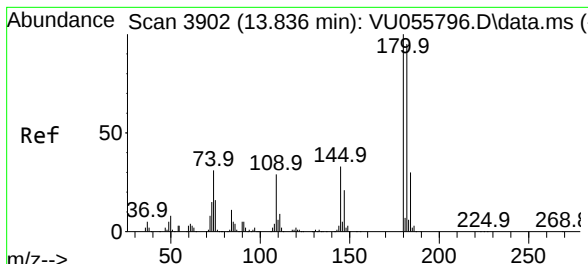
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#86
1,2-Dibromo-3-Chloropropane
Concen: 14.994 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

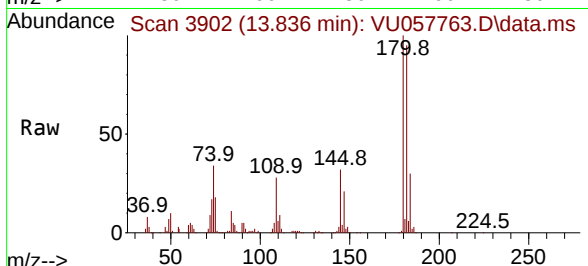
Tgt Ion: 75 Resp: 25749
Ion Ratio Lower Upper
75 100
155 75.7 61.8 92.8
157 96.5 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 17.695 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22

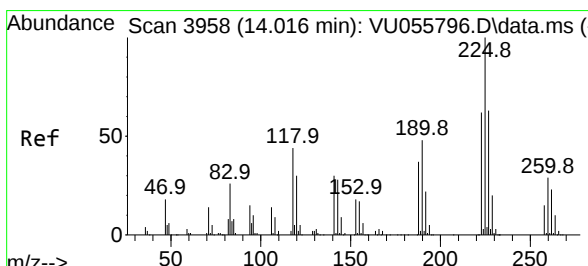
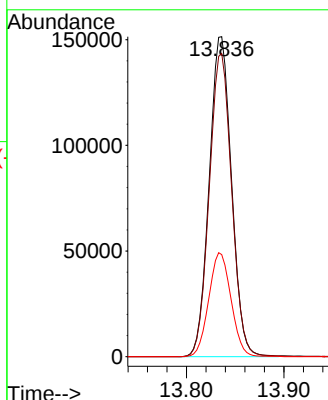
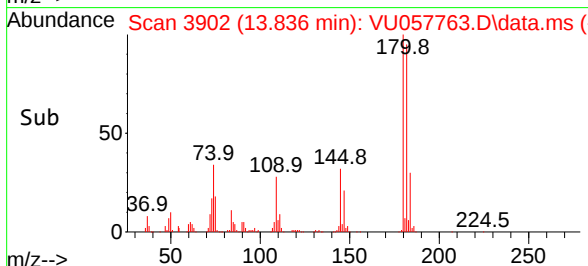
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



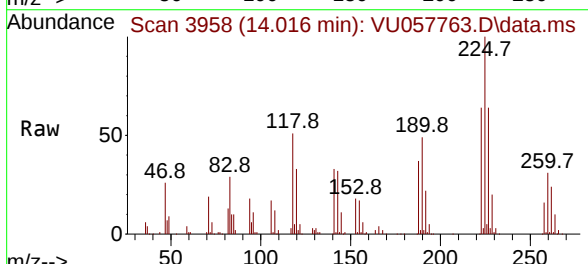
Tgt Ion:180 Resp: 24103
Ion Ratio Lower Upper
180 100
182 95.2 75.8 113.6
145 32.5 23.9 35.9

Manual Integrations
APPROVED

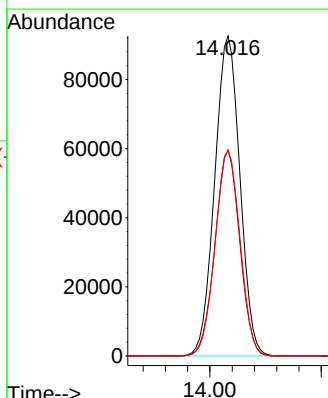
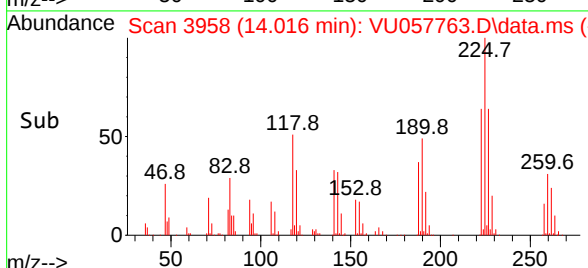
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

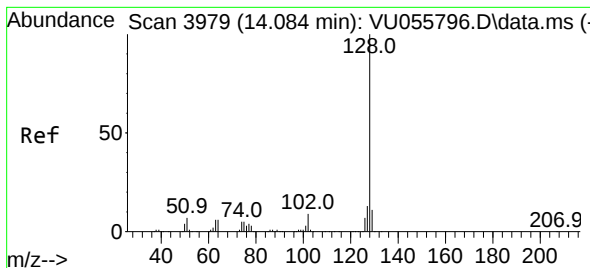


#88
Hexachlorobutadiene
Concen: 16.651 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU057763.D
Acq: 31 Jan 2024 13:22



Tgt Ion:225 Resp: 145530
Ion Ratio Lower Upper
225 100
223 63.2 50.2 75.4
227 63.5 51.5 77.3





#89

Naphthalene

Concen: 18.093 ug/l

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

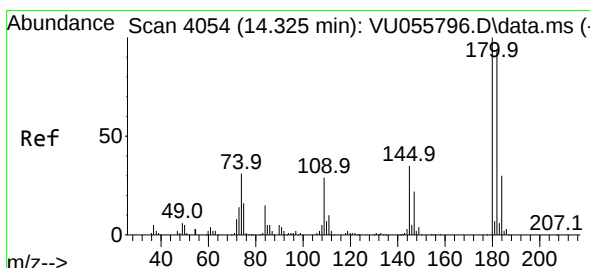
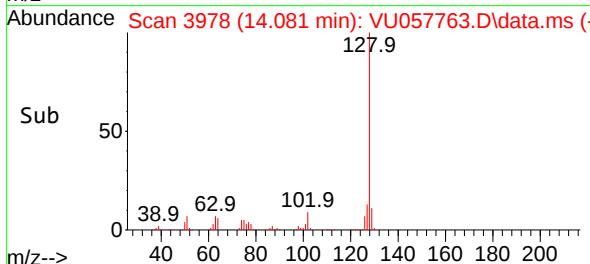
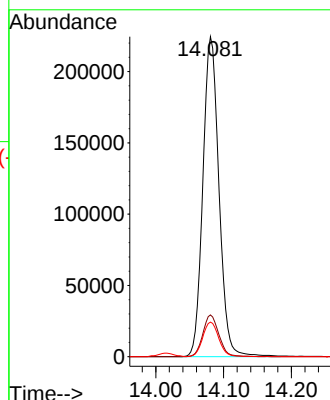
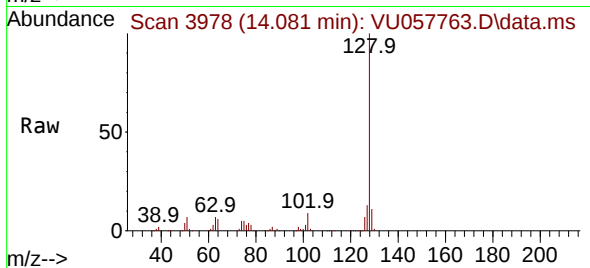
VSTDIC015

Tgt Ion:128	Resp: 37066
Ion Ratio	Lower Upper
128 100	
127 13.0	10.9 16.3
129 10.8	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: 17.121 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU057763.D

Acq: 31 Jan 2024 13:22

Tgt Ion:180	Resp: 194016
Ion Ratio	Lower Upper
180 100	
182 95.5	75.7 113.5
145 33.5	26.1 39.1

