

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101823\
 Data File : VU055795.D
 Acq On : 18 Oct 2023 10:50
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/19/2023
 Supervised By : Mahesh Dadoda 10/24/2023

Quant Time: Oct 19 02:14:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 19 02:09:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	96125	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	36546	0.964	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	35323	1.005	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	172233	4.614	ug/l	99
3) Chloromethane	1.518	50	145373	4.557	ug/l	96
4) Vinyl Chloride	1.602	62	152350	4.660	ug/l	98
5) Bromomethane	1.856	94	82482	4.583	ug/l	100
6) Chloroethane	1.930	64	73427	4.637	ug/l	100
7) Trichlorofluoromethane	2.136	101	199663	4.631	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	131522	4.576	ug/l	94
9) 1,1-Dichloroethene	2.579	96	122212	4.559	ug/l	93
10) Iodomethane	2.718	142	191516	4.765	ug/l	98
11) Allyl Chloride	2.920	41	160386	4.602	ug/l	97
12) Acrylonitrile	3.319	53	47519	9.432	ug/l	97
13) Acetone	2.634	43	247765	23.052	ug/l	100
14) Carbon Disulfide	2.788	76	407546	4.657	ug/l	100
15) Methylene Chloride	3.039	84	145219	4.592	ug/l	95
16) trans-1,2-Dichloroethene	3.348	96	133426	4.695	ug/l	97
17) 1,1-Dichloroethane	3.862	63	245819	4.652	ug/l	99
18) 2-Butanone	4.705	43	280716	24.242	ug/l	97
19) Cyclohexane	5.383	56	214410m	5.363	ug/l	
20) Methylcyclohexane	6.759	83	219790	4.693	ug/l	99
21) 2,2-Dichloropropane	4.657	77	204102	4.586	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	143369	4.734	ug/l	100
23) Diethyl Ether	2.374	59	74092	4.623	ug/l	98
24) tert-Butyl Alcohol	3.190	59	79888m	50.172	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	274071	4.750	ug/l	97
26) Bromochloromethane	4.968	128	59914	4.667	ug/l	98
27) Chloroform	5.084	83	252749	4.661	ug/l	99
28) 1,1,1-Trichloroethane	5.312	97	226122	4.652	ug/l	98
29) 1,1-Dichloropropene	5.521	75	184056	4.781	ug/l	99
30) Carbon Tetrachloride	5.521	117	195234	4.601	ug/l	96
31) Isopropyl Ether	3.985	45	334556	4.712	ug/l	95
32) Ethyl-t-butyl ether	4.493	59	320929	4.683	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	278480	4.741	ug/l	97
34) Propionitrile	4.788	54	46970	26.362	ug/l #	14
35) Benzene	5.769	78	558190	4.787	ug/l	99
36) 1,2-Dichloroethane	5.788	62	151763	4.792	ug/l	100
37) Trichloroethene	6.541	130	138787	4.575	ug/l	99
38) 1,2-Dichloropropane	6.788	63	144089	4.731	ug/l	98
39) Methacrylonitrile	4.975	41	33828	5.080	ug/l	96
40) Methyl acrylate	4.846	55	58768	5.342	ug/l	98
41) Tetrahydrofuran	5.058	42	34403	8.996	ug/l	98
42) 1-Chlorobutane	5.454	56	247131	4.815	ug/l	98
43) Dibromomethane	6.914	93	67506	4.664	ug/l	99
44) Bromodichloromethane	7.100	83	177027	4.628	ug/l	98

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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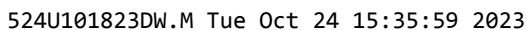
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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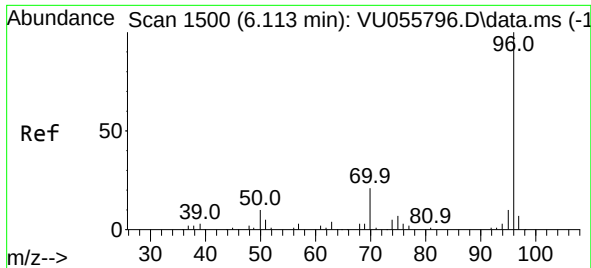
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	357621	23.890	ug/l	98
46) t-1,4-Dichloro-2-butene	10.827	75	62435m	12.115	ug/l	
47) Methyl methacrylate	6.955	69	118759	9.946	ug/l	95
48) Ethyl methacrylate	8.332	69	112313	4.955	ug/l	95
49) Toluene	7.965	92	338189	4.900	ug/l	94
50) t-1,3-Dichloropropene	8.206	75	161841	4.781	ug/l	97
51) cis-1,3-Dichloropropene	7.605	75	194847	4.703	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	97637	4.723	ug/l	98
53) 1,3-Dichloropropane	8.573	76	167571	4.743	ug/l	100
54) 2-Hexanone	8.682	43	405637	24.188	ug/l	98
55) Dibromochloromethane	8.804	129	115547	4.630	ug/l	98
56) 1,2-Dibromoethane	8.920	107	89583	4.743	ug/l	100
58) Tetrachloroethene	8.550	164	147016	4.660	ug/l	96
59) Chlorobenzene	9.444	112	358476	4.703	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	126163	4.644	ug/l	99
61) Pentachloroethane	11.422	117	86628	4.712	ug/l	95
62) Hexachloroethane	12.470	117	91182	4.684	ug/l	99
63) Ethyl Benzene	9.566	91	618378	4.781	ug/l	99
64) m/p-Xylenes	9.688	106	494128	9.937	ug/l	100
65) o-Xylene	10.097	106	236809	4.853	ug/l	98
66) Styrene	10.110	104	380938	4.992	ug/l	97
67) Bromoform	10.287	173	64238	4.793	ug/l	99
69) Isopropylbenzene	10.479	105	613474	4.884	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	116082	4.802	ug/l	100
71) 1,2,3-Trichloropropane	10.820	75	94066m	4.842	ug/l	
72) Bromobenzene	10.778	156	144061	4.806	ug/l	98
73) n-propylbenzene	10.901	120	166532	5.146	ug/l	97
74) 2-Chlorotoluene	10.981	126	145628	4.836	ug/l	91
75) 1,3,5-Trimethylbenzene	11.084	105	544513	5.071	ug/l	98
76) 4-Chlorotoluene	11.094	126	151996	4.953	ug/l	92
77) tert-Butylbenzene	11.415	119	487079	4.948	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	545879	5.134	ug/l	99
79) sec-Butylbenzene	11.640	105	634464	5.106	ug/l	100
80) Nitrobenzene	13.209	77	16071	24.036	ug/l #	86
81) p-Isopropyltoluene	11.788	119	500524	5.002	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	298089	4.872	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	295987	4.999	ug/l	98
84) n-Butylbenzene	12.206	91	412181	4.831	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	275779	4.932	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	16738	4.850	ug/l	100
87) 1,2,4-Trichlorobenzene	13.836	180	150715	4.967	ug/l	98
88) Hexachlorobutadiene	14.016	225	97204	4.607	ug/l	99
89) Naphthalene	14.084	128	214331	4.637	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	130255	5.003	ug/l	98

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

Manual Integrations

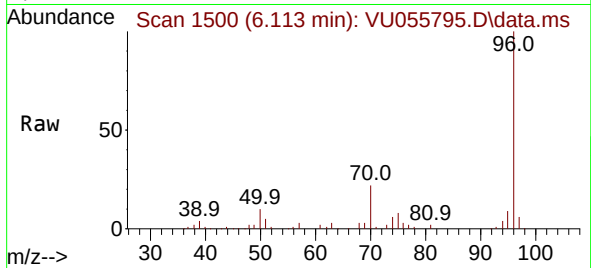
Quant Time: Oct 19 02:14:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 19 02:09:44 2023
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

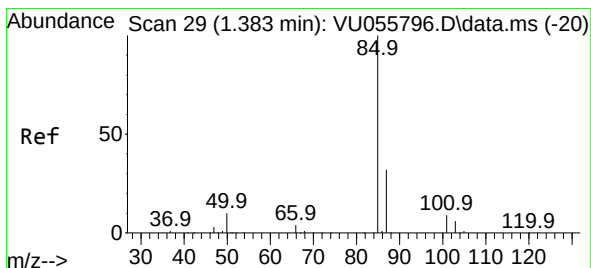
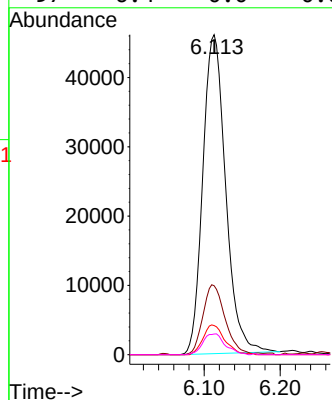
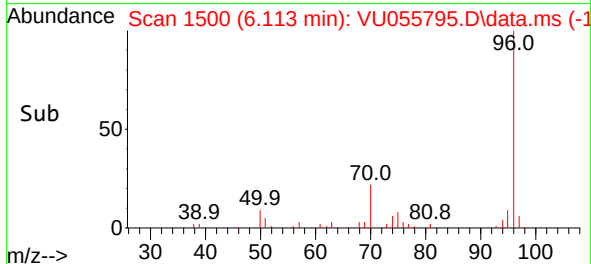
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 96125
Ion Ratio Lower Upper
96 100
70 20.7 16.5 24.7
95 8.9 7.4 11.0
97 6.4 0.0 0.0#

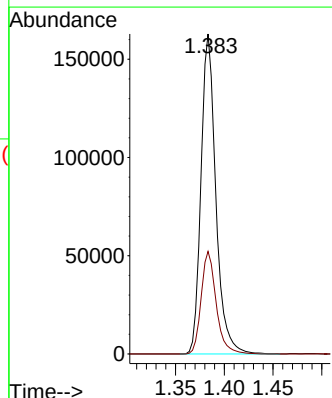
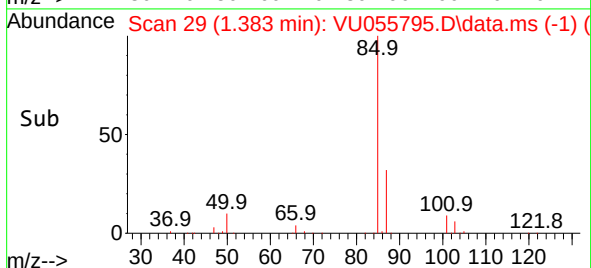
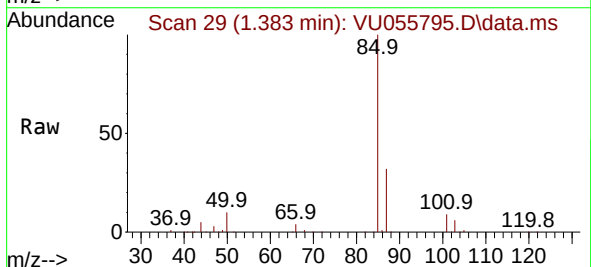
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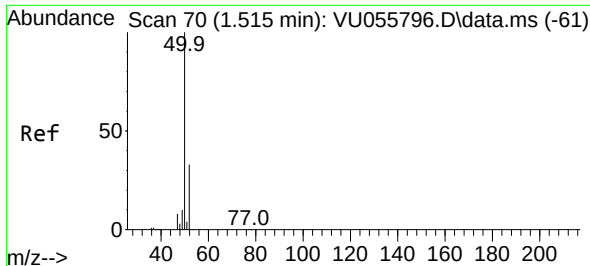
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#2
Dichlorodifluoromethane
Concen: 4.614 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

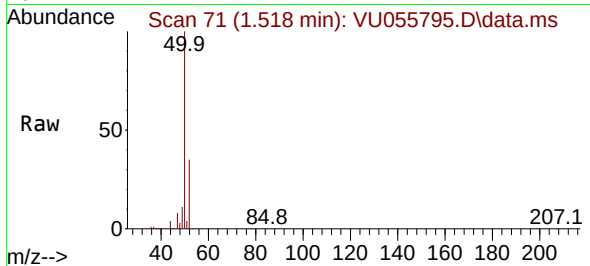
Tgt Ion: 85 Resp: 172233
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6





#3
Chloromethane
Concen: 4.557 ug/l
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

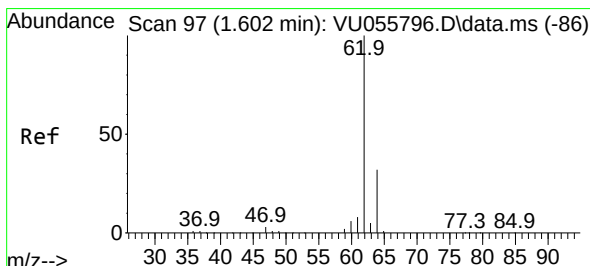
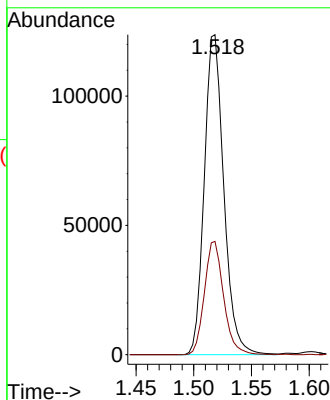
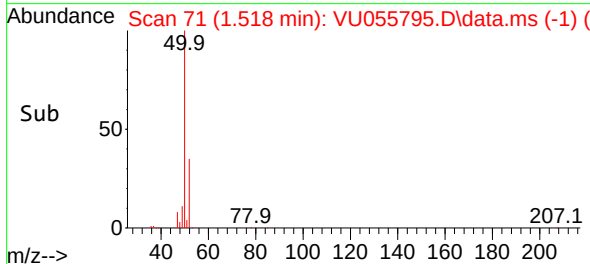
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 14537
Ion Ratio Lower Upper
50 100
52 35.4 26.6 40.0

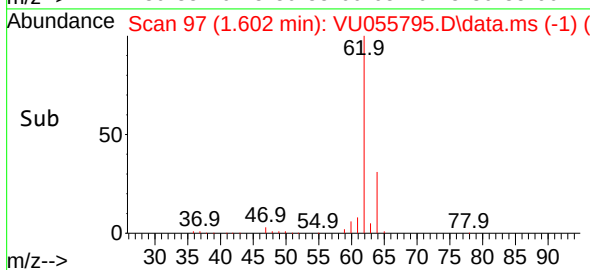
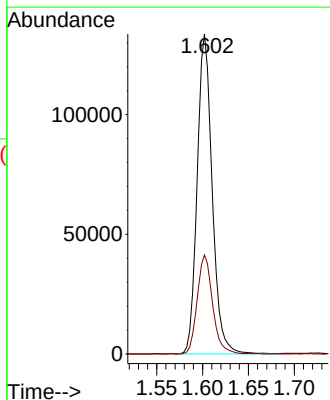
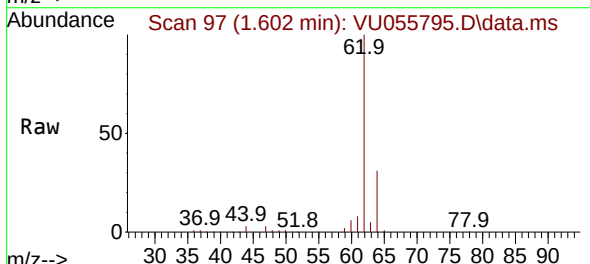
Manual Integrations
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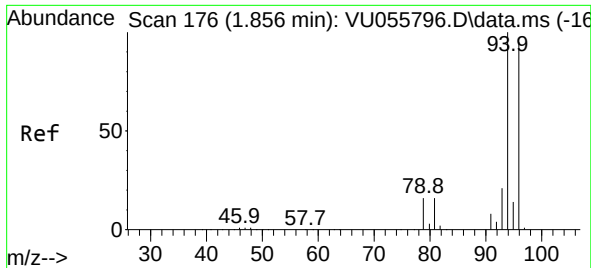
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#4
Vinyl Chloride
Concen: 4.660 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion: 62 Resp: 152350
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.2





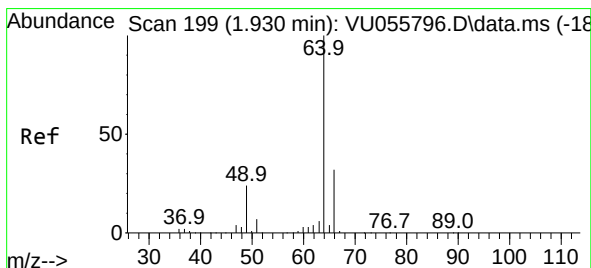
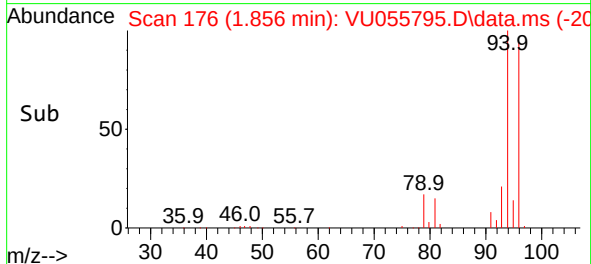
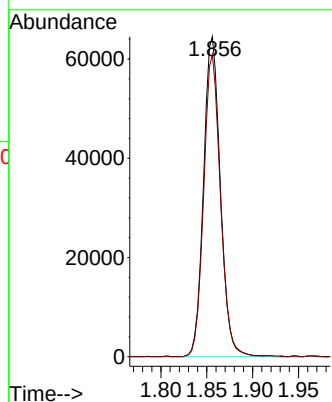
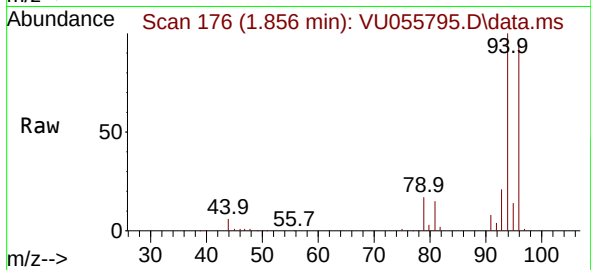
#5
Bromomethane
Concen: 4.583 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 8248
Ion Ratio Lower Upper
94 100
96 94.5 75.4 113.2

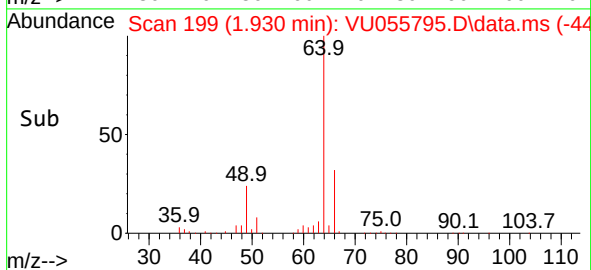
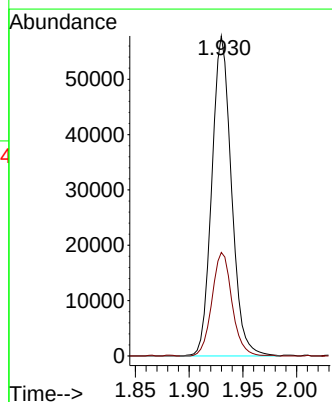
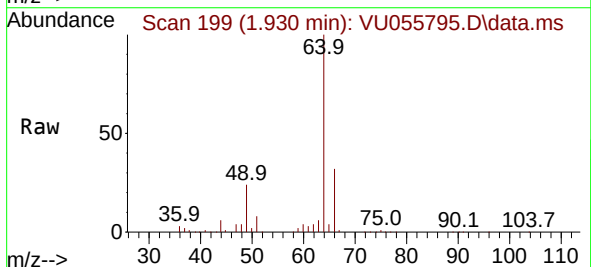
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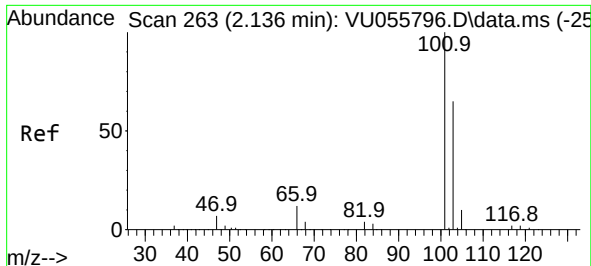
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#6
Chloroethane
Concen: 4.637 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion: 64 Resp: 73427
Ion Ratio Lower Upper
64 100
66 32.4 26.0 39.0





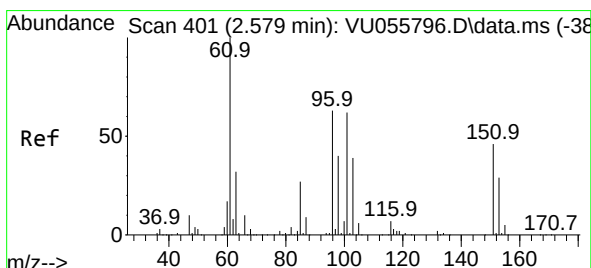
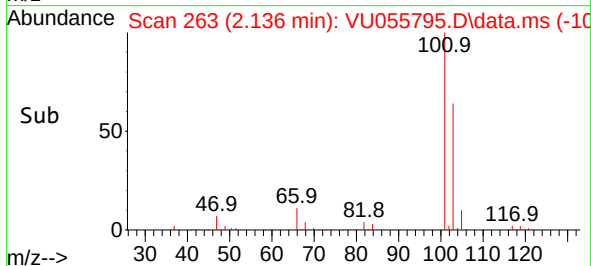
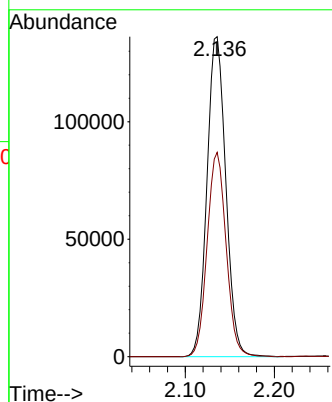
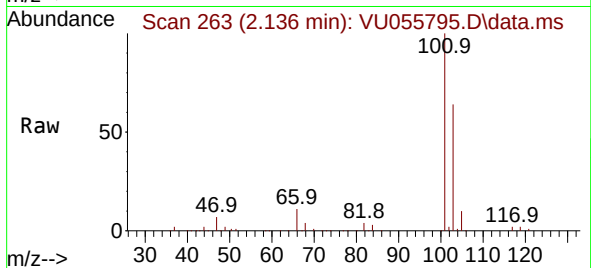
#7
Trichlorofluoromethane
Concen: 4.631 ug/l
RT: 2.136 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 19966
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0

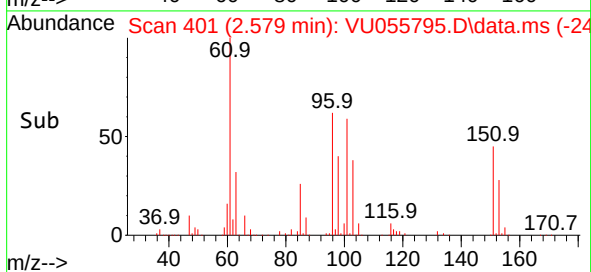
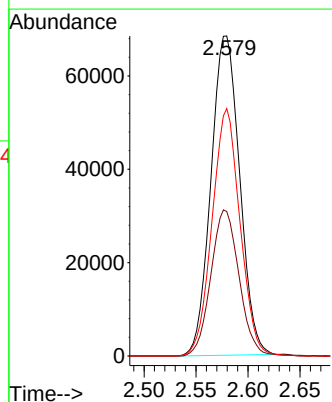
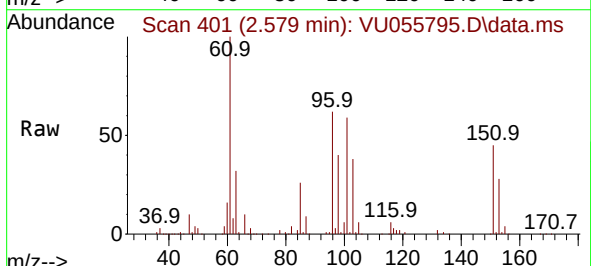
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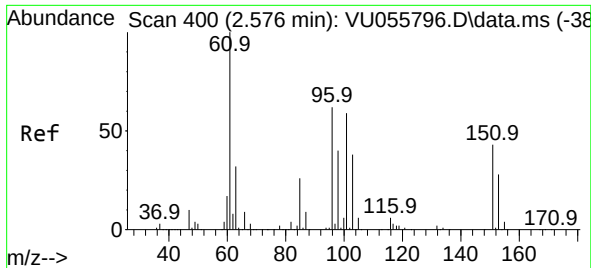
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.576 ug/l
RT: 2.579 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion:101 Resp: 131522
Ion Ratio Lower Upper
101 100
85 44.9 35.4 53.0
151 75.3 54.0 81.0





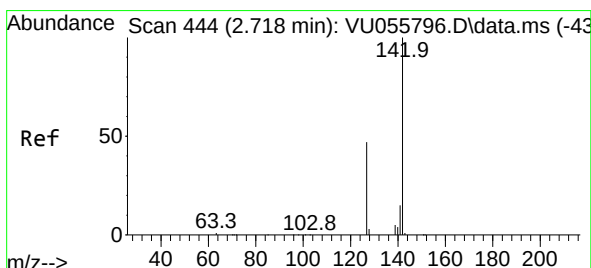
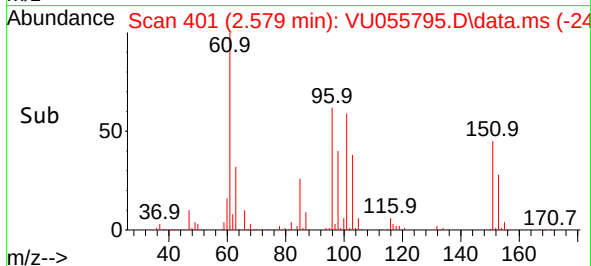
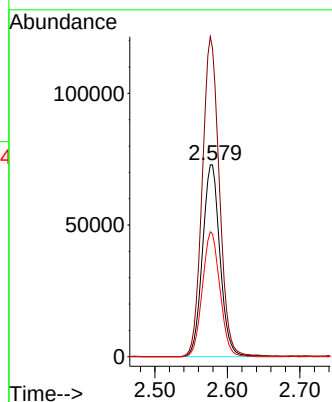
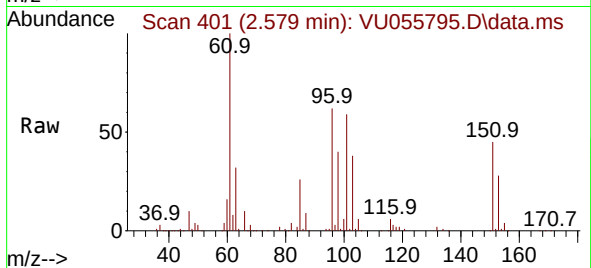
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1,1-Dichloroethene
Concen: 4.559 ug/l
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 12221
Ion Ratio Lower Upper
96 100
61 160.7 0.0 521.4
98 64.0 0.0 125.8

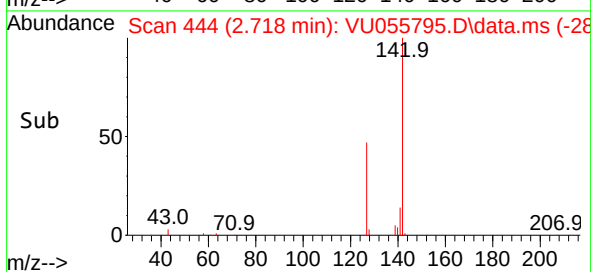
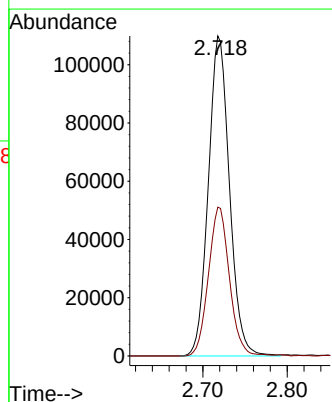
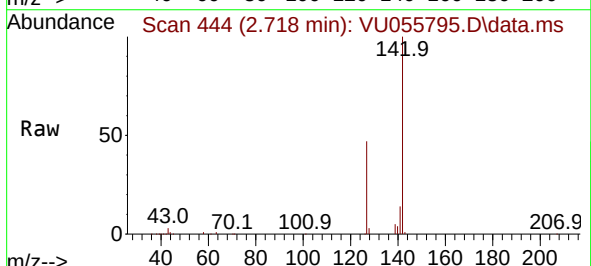
Manual Integrations
APPROVED

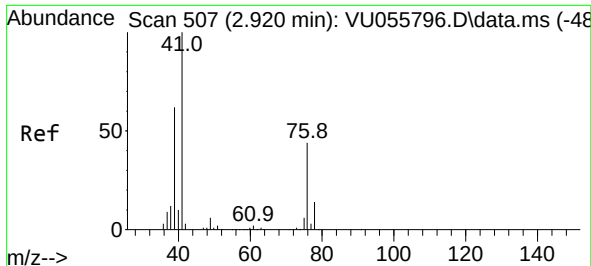
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#10
Iodomethane
Concen: 4.765 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion:142 Resp: 191516
Ion Ratio Lower Upper
142 100
127 46.2 35.9 53.9





#11

Allyl Chloride

Concen: 4.602 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 41 Resp: 160380

Ion Ratio Lower Upper

41 100

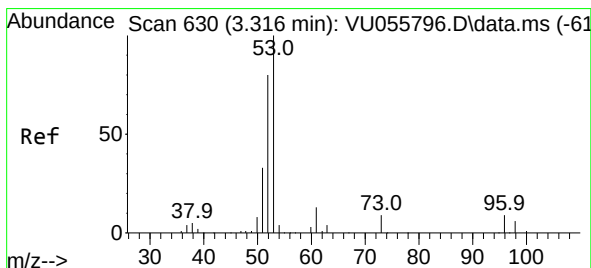
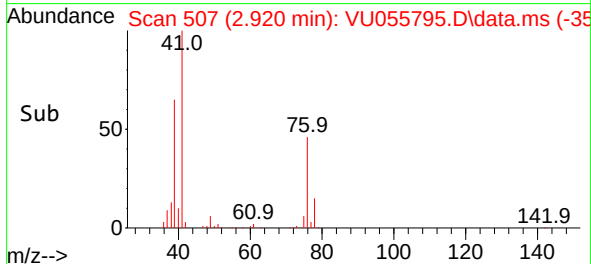
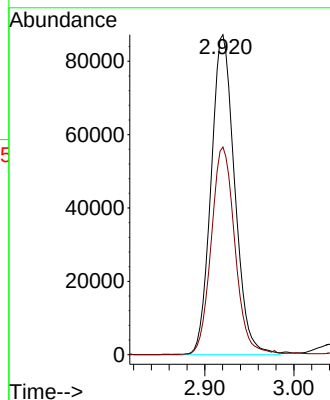
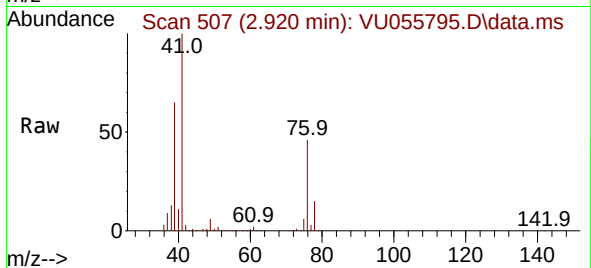
39 64.9 54.2 81.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#12

Acrylonitrile

Concen: 9.432 ug/l

RT: 3.319 min Scan# 631

Delta R.T. 0.003 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

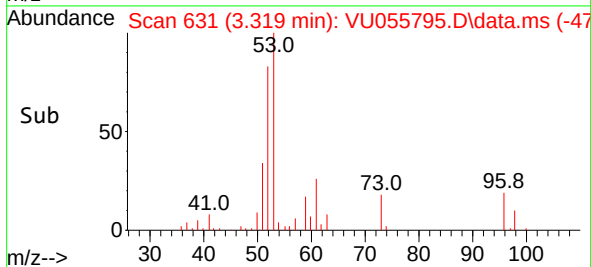
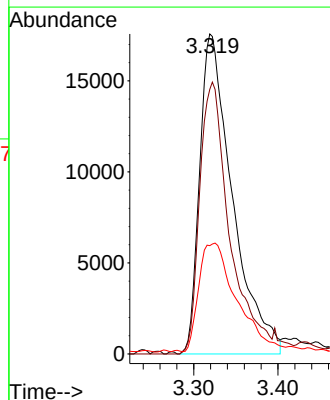
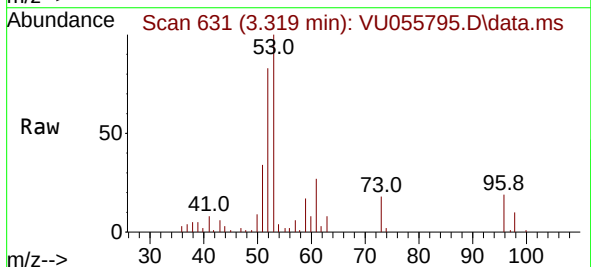
Tgt Ion: 53 Resp: 47519

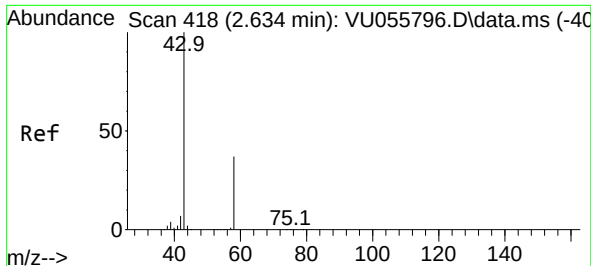
Ion Ratio Lower Upper

53 100

52 77.7 62.9 94.3

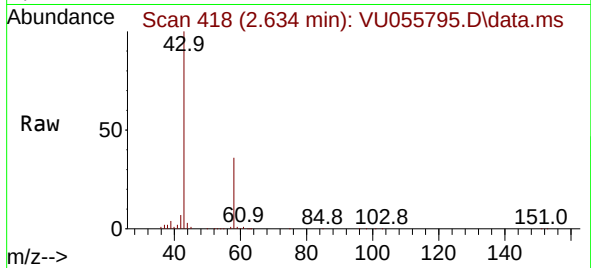
51 39.1 27.8 41.6





#13
Acetone
Concen: 23.052 ug/l
RT: 2.634 min Scan# 418
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

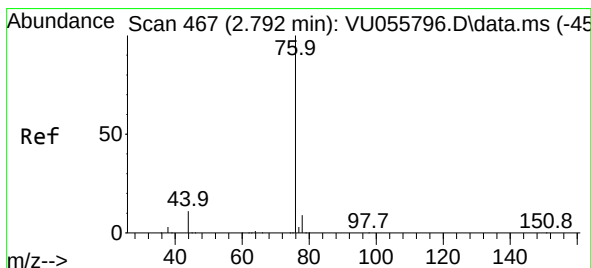
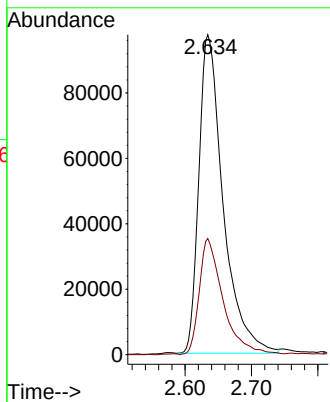
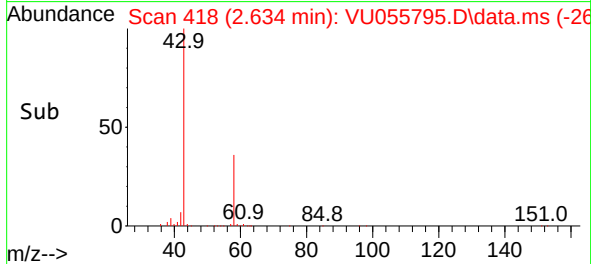
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 24776
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.4

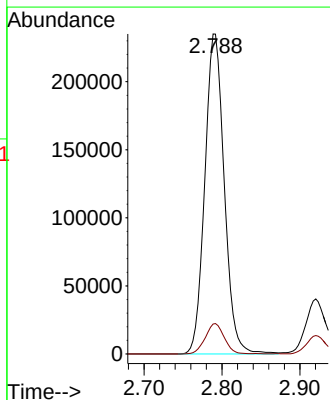
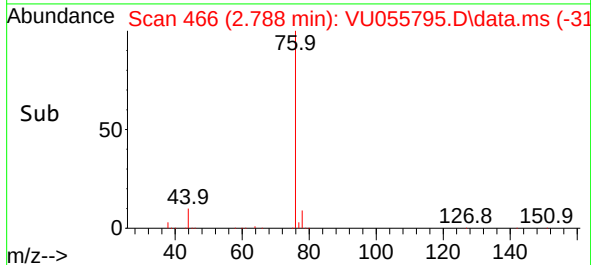
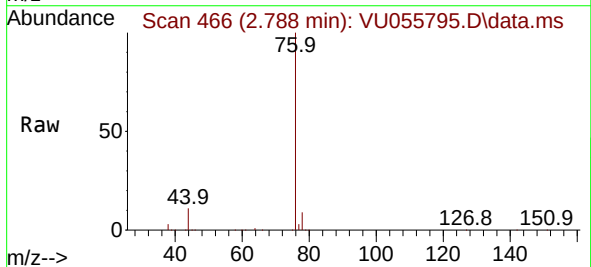
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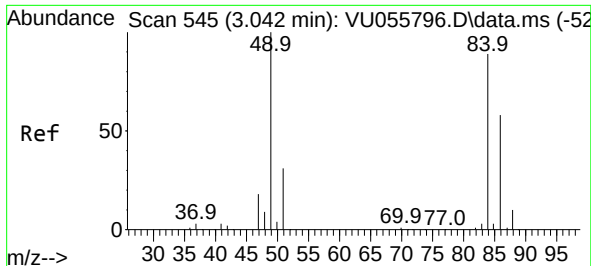
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#14
Carbon Disulfide
Concen: 4.657 ug/l
RT: 2.788 min Scan# 466
Delta R.T. -0.004 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion: 76 Resp: 407546
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0





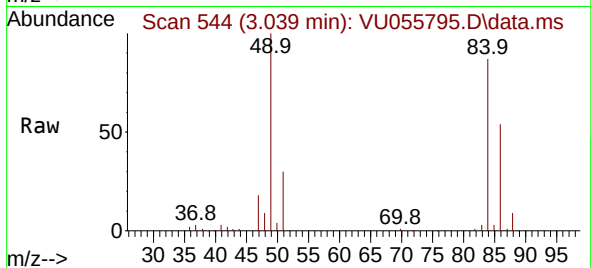
#15
Methylene Chloride
Concen: 4.592 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005



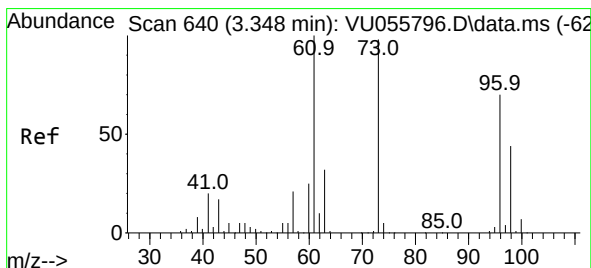
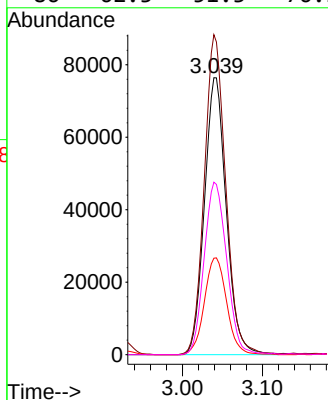
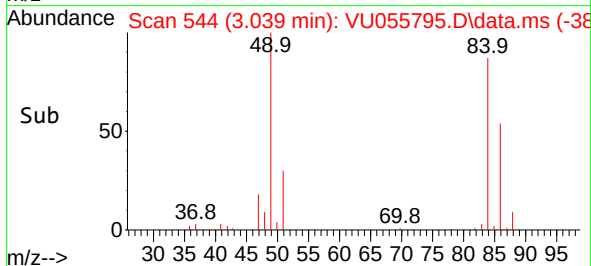
Tgt Ion: 84 Resp: 145219
Ion Ratio Lower Upper
84 100
49 115.5 98.9 148.3
51 34.9 0.0 75.4
86 62.3 51.3 76.9

Manual Integrations

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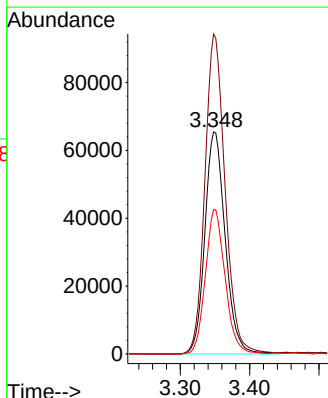
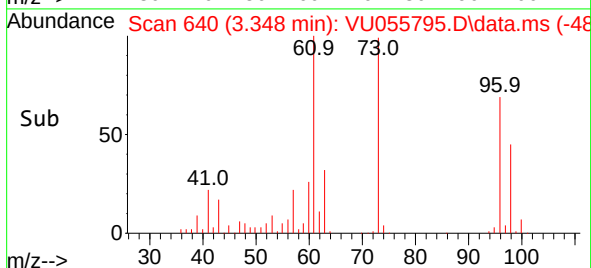
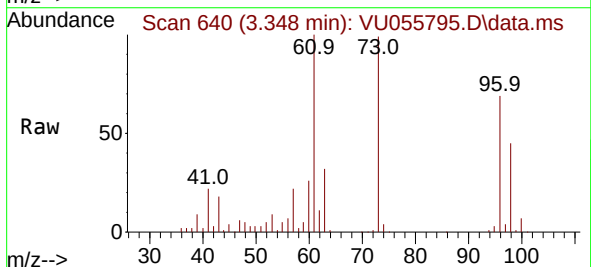
Reviewed By :John Carlone 10/19/2023

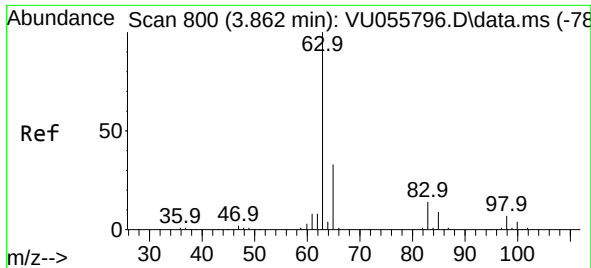
Supervised By :Mahesh Dadoda 10/24/2023



#16
trans-1,2-Dichloroethene
Concen: 4.695 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion: 96 Resp: 133426
Ion Ratio Lower Upper
96 100
61 144.1 117.5 176.3
98 65.0 48.3 72.5





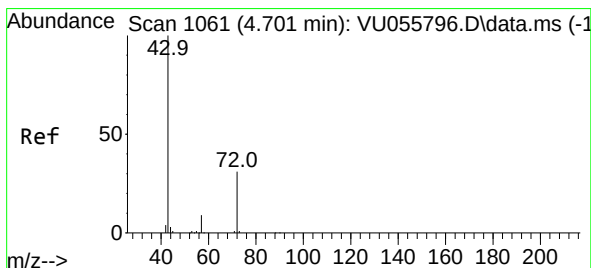
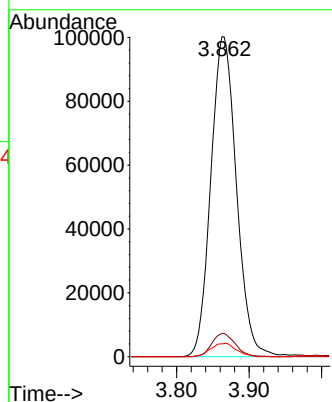
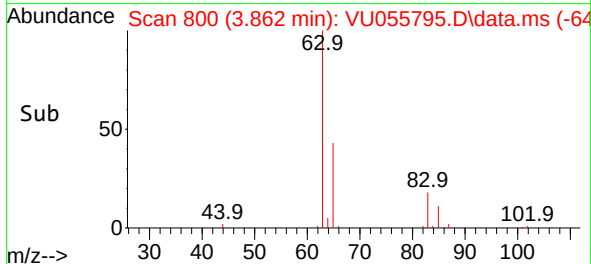
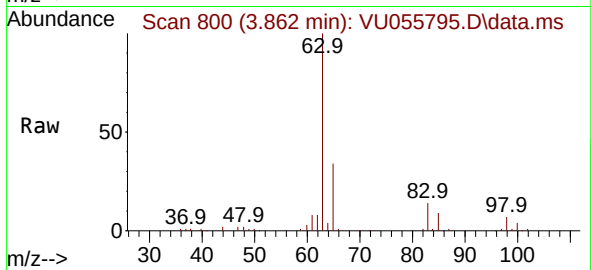
#17
1,1-Dichloroethane
Concen: 4.652 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 245819
Ion Ratio Lower Upper
63 100
98 7.3 3.4 10.1
100 4.0 2.2 6.6

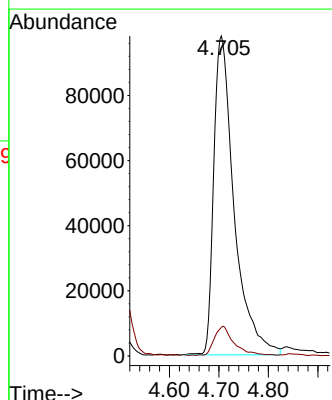
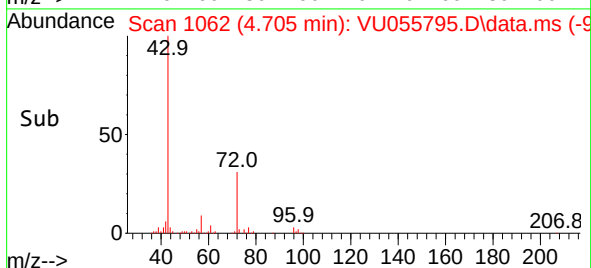
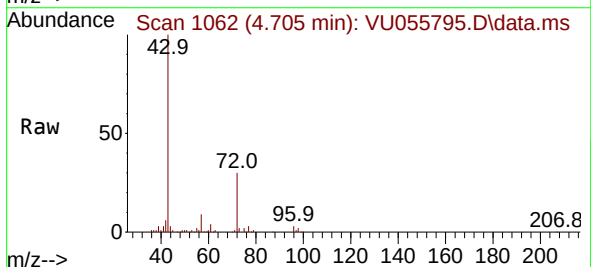
Manual Integrations
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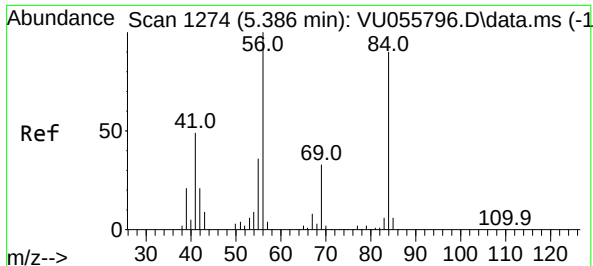
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#18
2-Butanone
Concen: 24.242 ug/l
RT: 4.705 min Scan# 1062
Delta R.T. 0.004 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion: 43 Resp: 280716
Ion Ratio Lower Upper
43 100
57 8.7 0.0 19.6





#19

Cyclohexane

Concen: 5.363 ug/l m

RT: 5.383 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 214410

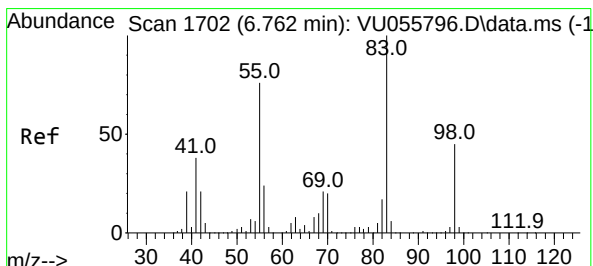
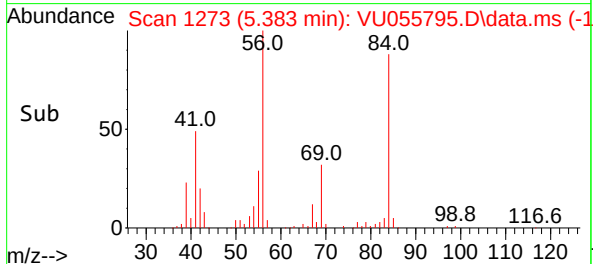
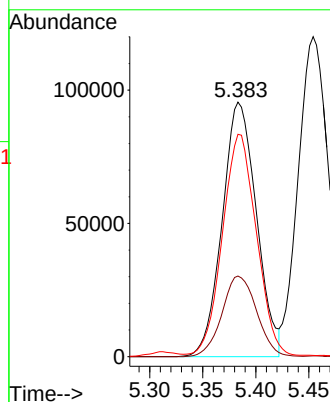
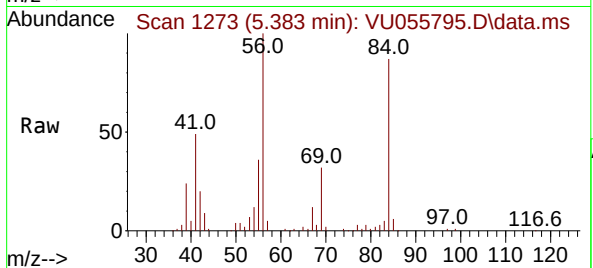
Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.6	37.0
84	85.1	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#20

Methylcyclohexane

Concen: 4.693 ug/l

RT: 6.759 min Scan# 1701

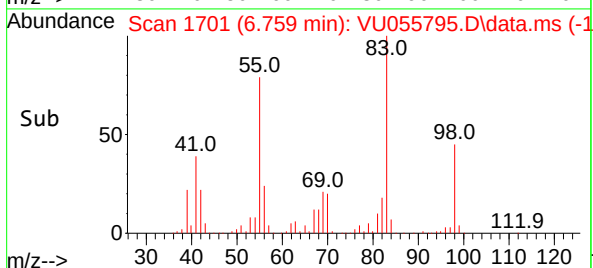
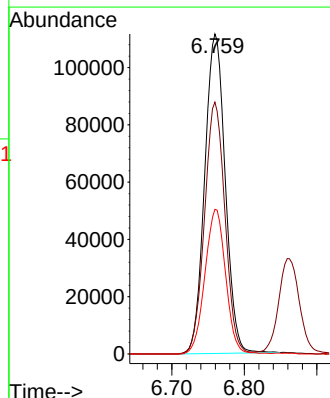
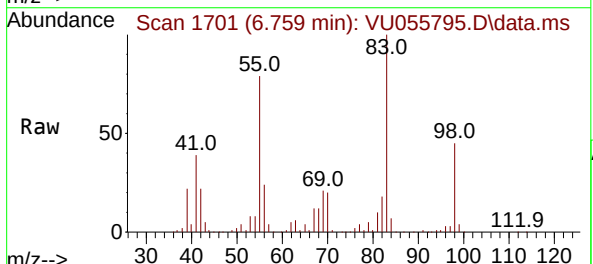
Delta R.T. -0.003 min

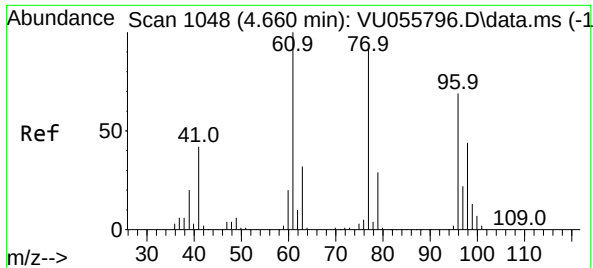
Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Tgt Ion: 83 Resp: 219790

Ion	Ratio	Lower	Upper
83	100		
55	77.6	63.5	95.3
98	45.1	36.0	54.0





#21

2,2-Dichloropropane

Concen: 4.586 ug/l

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 77 Resp: 20410

Ion Ratio Lower Upper

77 100

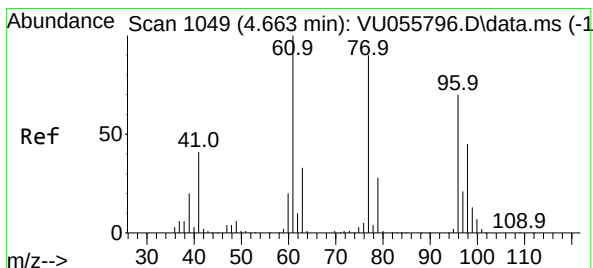
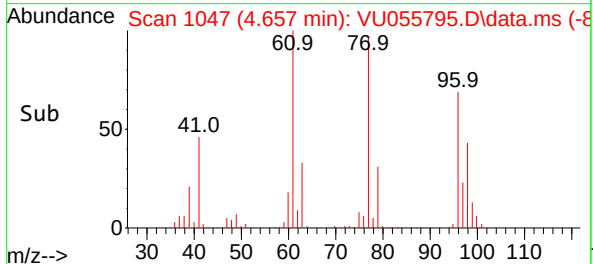
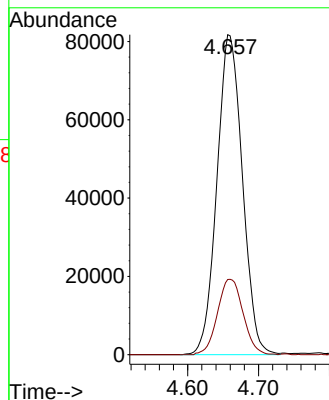
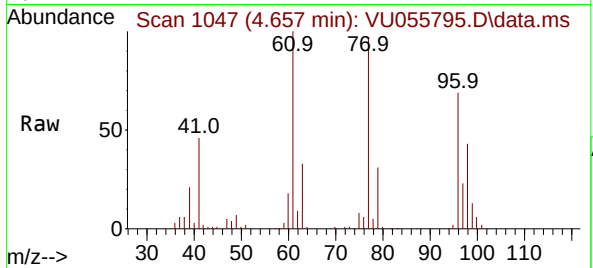
97 23.7 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#22

cis-1,2-Dichloroethene

Concen: 4.734 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

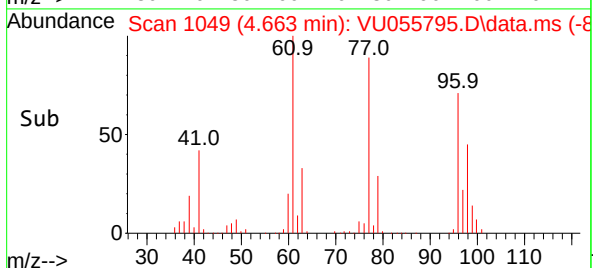
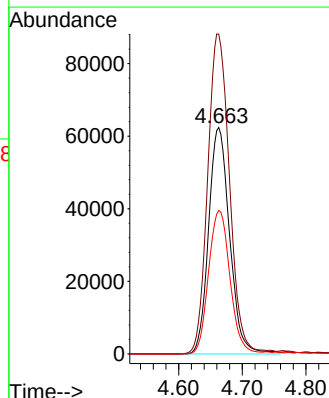
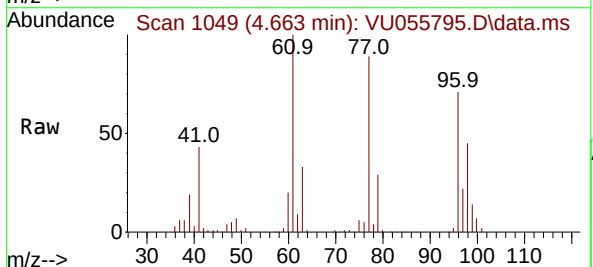
Tgt Ion: 96 Resp: 143369

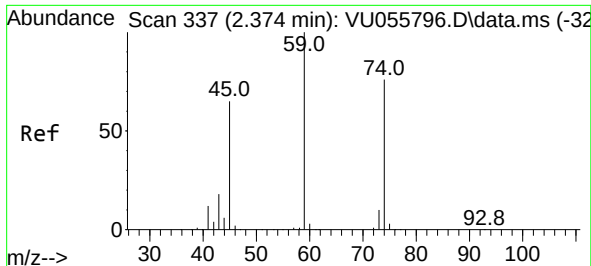
Ion Ratio Lower Upper

96 100

61 146.7 0.0 365.8

98 64.3 32.0 96.0





#23

Diethyl Ether

Concen: 4.623 ug/l

RT: 2.374 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 74092

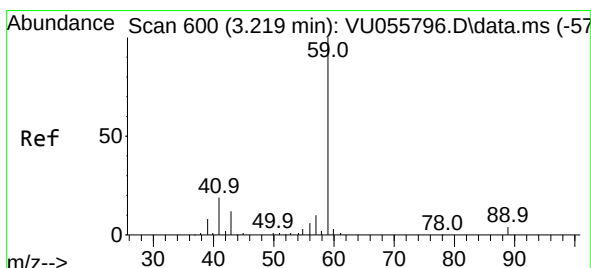
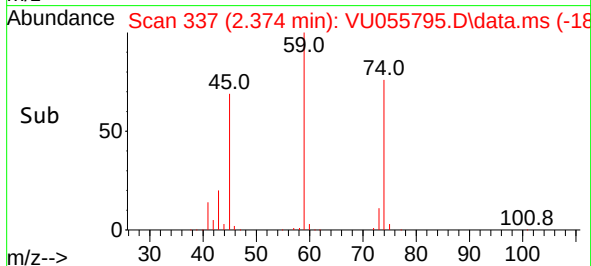
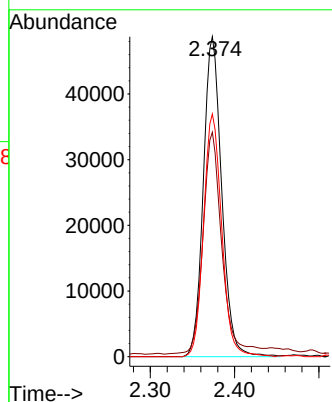
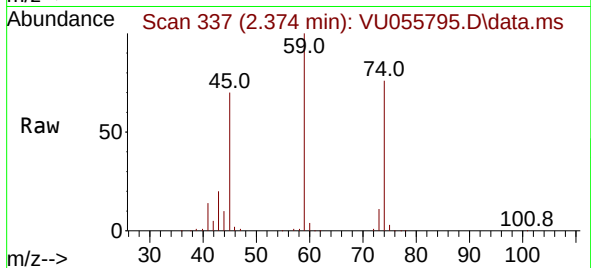
Ion	Ratio	Lower	Upper
59	100		
45	70.9	56.1	84.1
74	75.1	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#24

tert-Butyl Alcohol

Concen: 50.172 ug/l m

RT: 3.190 min Scan# 591

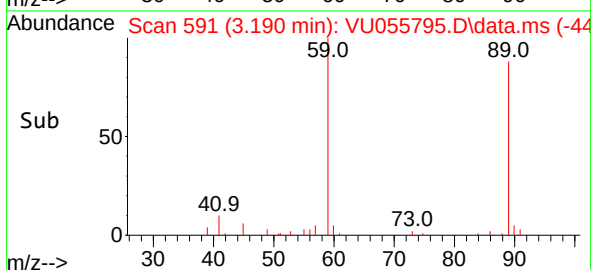
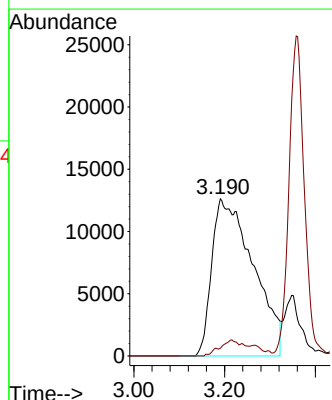
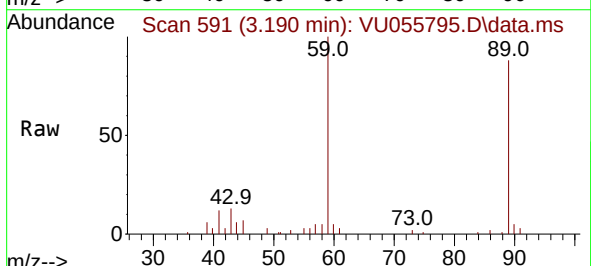
Delta R.T. -0.029 min

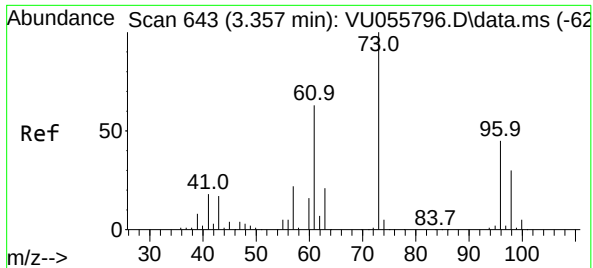
Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Tgt Ion: 59 Resp: 79888

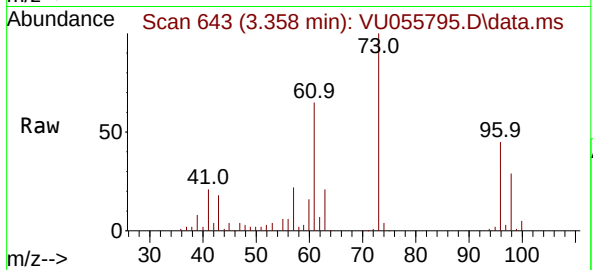
Ion	Ratio	Lower	Upper
59	100		
57	0.0	105.6	158.4#





#25
Methyl tert-Butyl Ether
Concen: 4.750 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.001 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

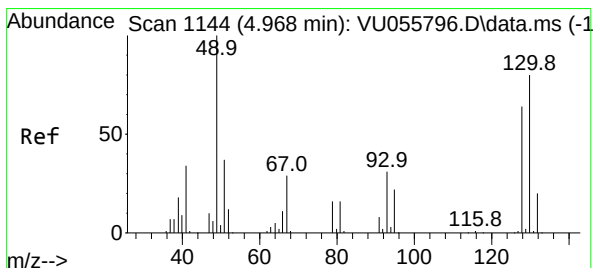
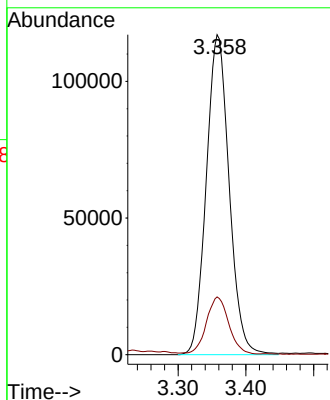
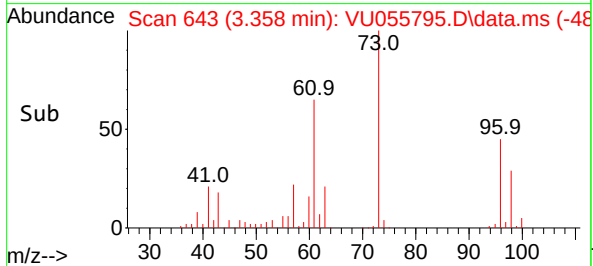
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



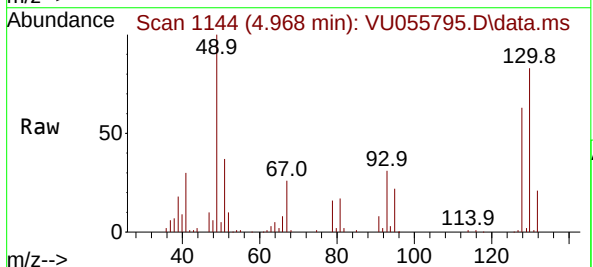
Tgt Ion: 73 Resp: 27407
Ion Ratio Lower Upper
73 100
43 17.2 15.0 22.6

Manual Integrations
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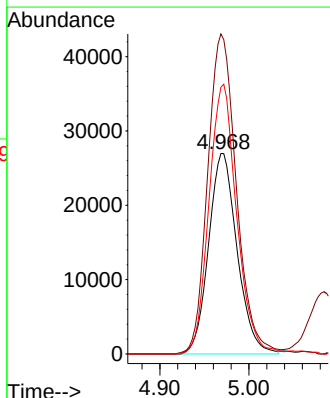
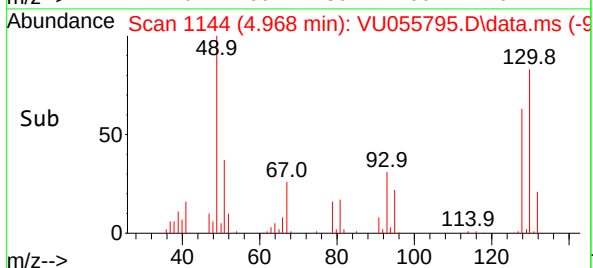
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

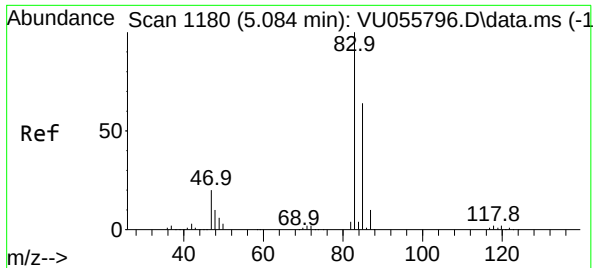


#26
Bromochloromethane
Concen: 4.667 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50



Tgt Ion:128 Resp: 59914
Ion Ratio Lower Upper
128 100
49 160.5 0.0 324.6
130 131.3 103.0 154.4





#27

Chloroform

Concen: 4.661 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 252749

Ion Ratio Lower Upper

83 100

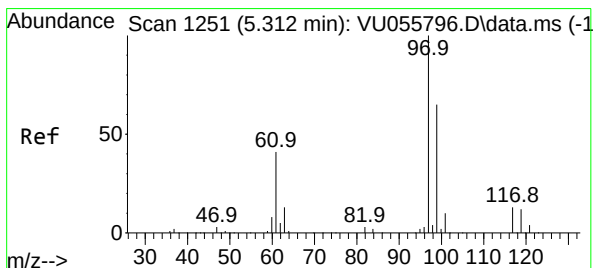
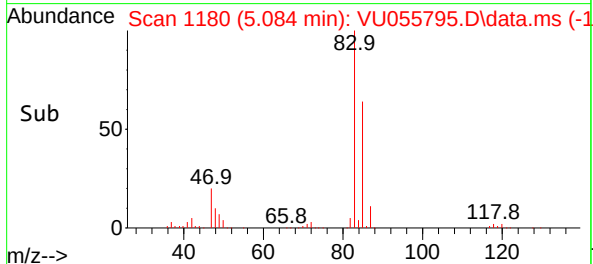
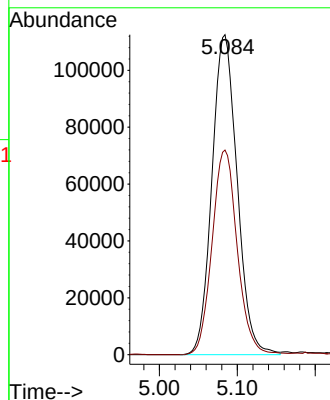
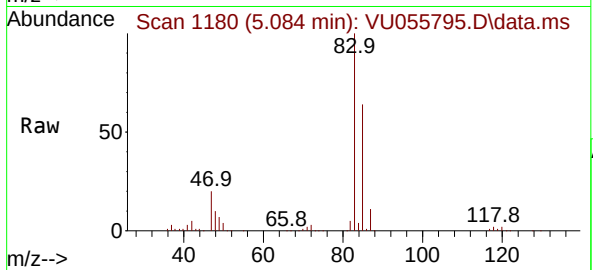
85 63.9 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#28

1,1,1-Trichloroethane

Concen: 4.652 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

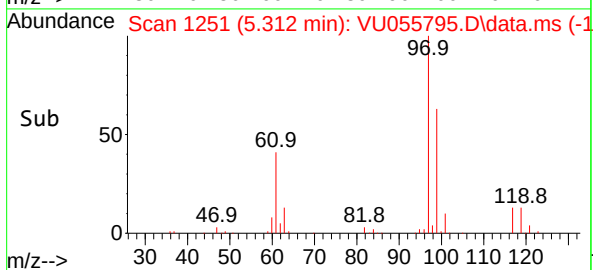
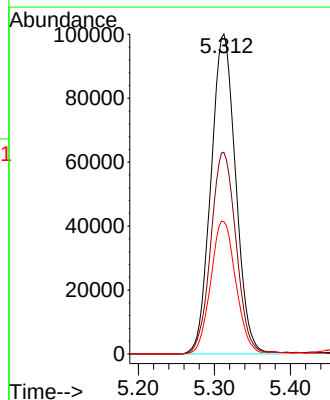
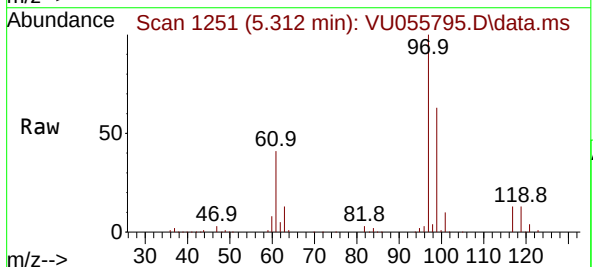
Tgt Ion: 97 Resp: 226122

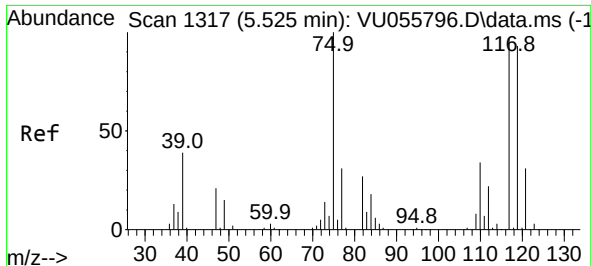
Ion Ratio Lower Upper

97 100

99 64.4 32.0 96.2

61 42.1 22.9 68.5





#29

1,1-Dichloropropene

Concen: 4.781 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. -0.004 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 184050

Ion Ratio Lower Upper

75 100

110 35.5 18.0 54.0

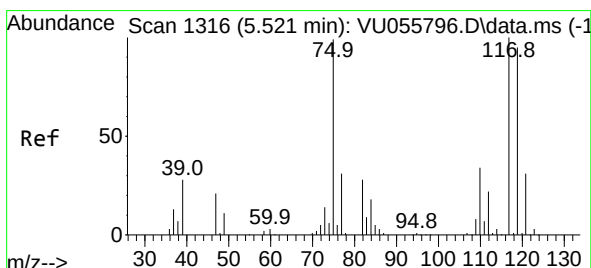
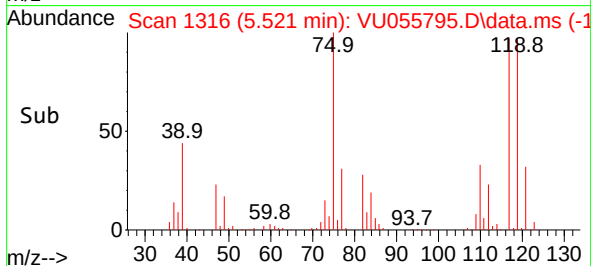
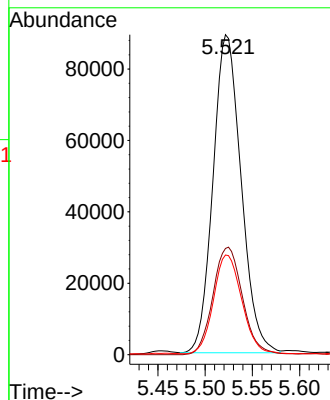
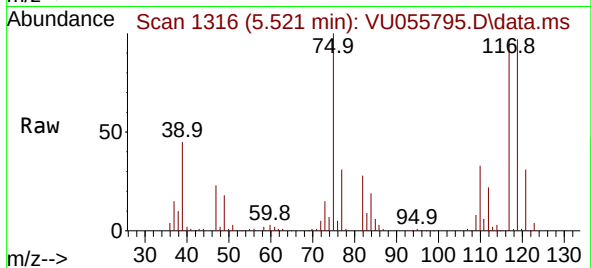
77 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#30

Carbon Tetrachloride

Concen: 4.601 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

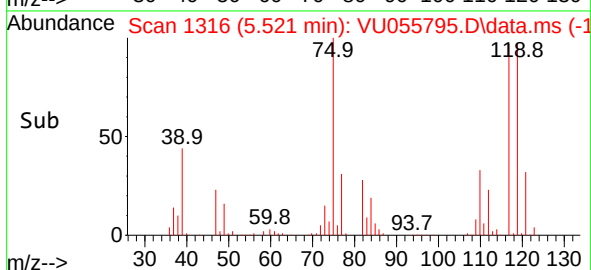
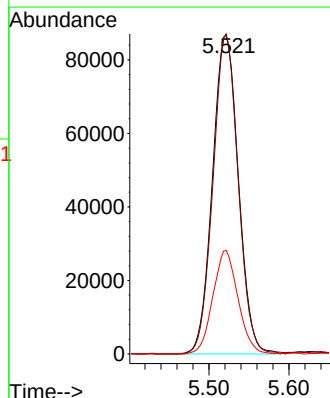
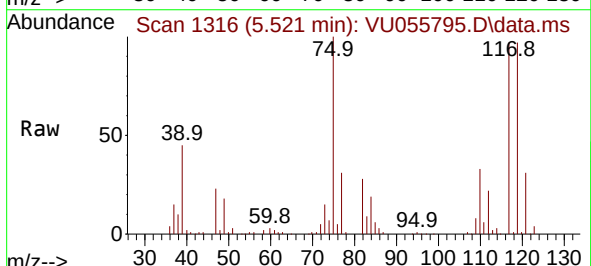
Tgt Ion:117 Resp: 195234

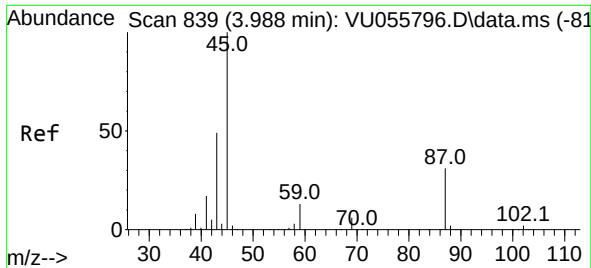
Ion Ratio Lower Upper

117 100

119 100.3 77.4 116.0

121 32.5 24.0 36.0





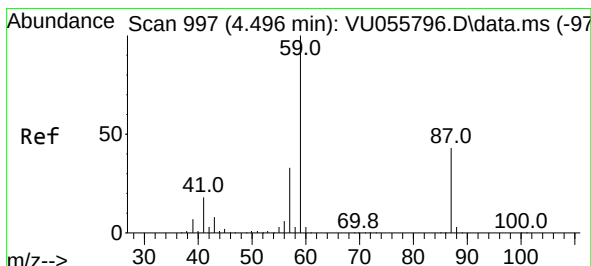
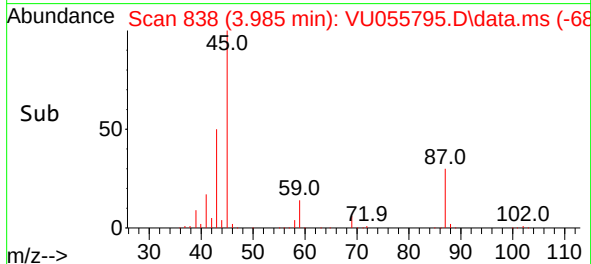
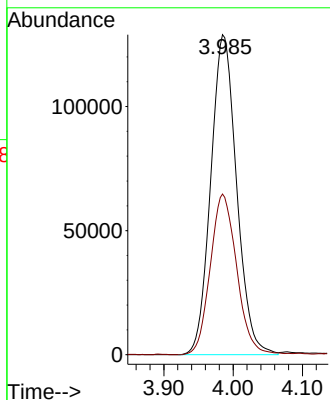
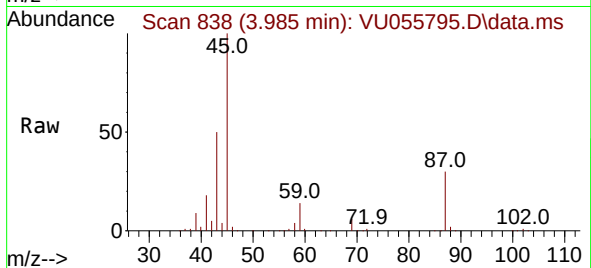
#31
Isopropyl Ether
Concen: 4.712 ug/l
RT: 3.985 min Scan# 839
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 45 Resp: 334550
Ion Ratio Lower Upper
45 100
43 51.3 27.5 82.5

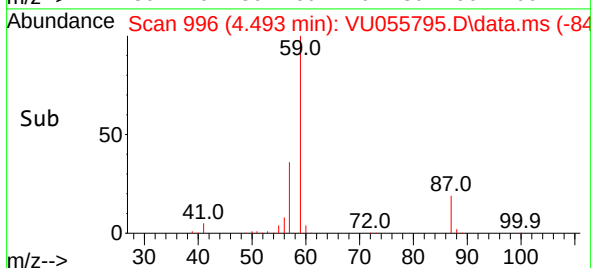
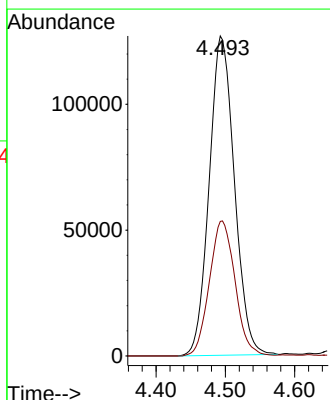
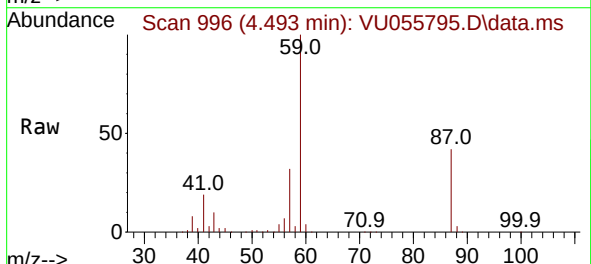
Manual Integrations
APPROVED

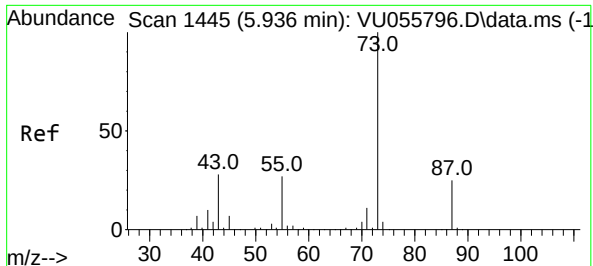
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#32
Ethyl-t-butyl ether
Concen: 4.683 ug/l
RT: 4.493 min Scan# 996
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion: 59 Resp: 320929
Ion Ratio Lower Upper
59 100
87 42.7 33.5 50.3





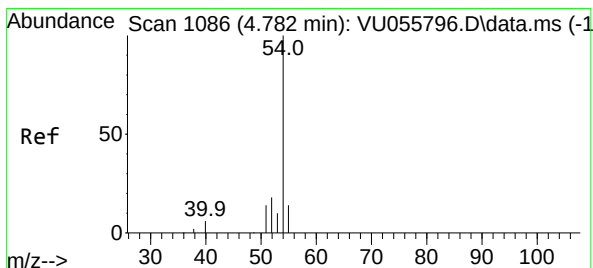
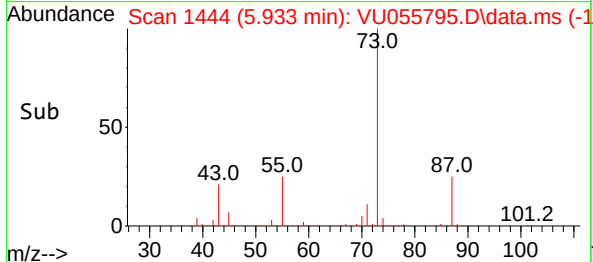
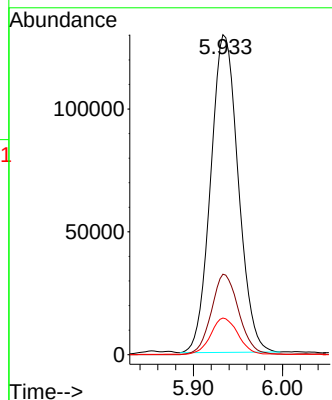
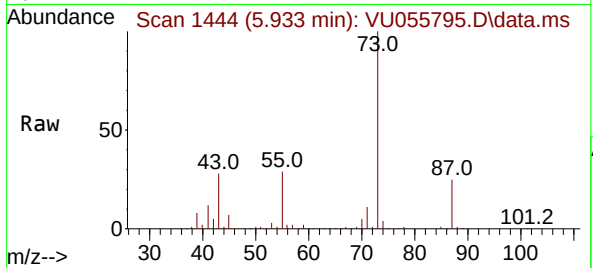
#33
Tert-Amyl methyl ether
Concen: 4.741 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 278480
Ion Ratio Lower Upper
73 100
87 25.0 18.6 28.0
71 11.0 9.9 14.9

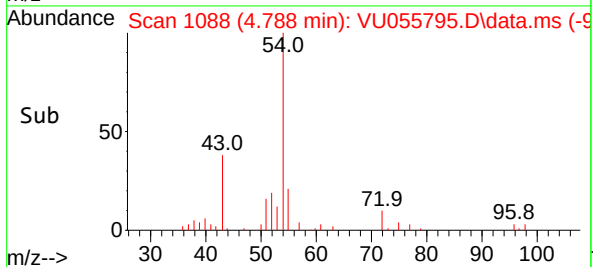
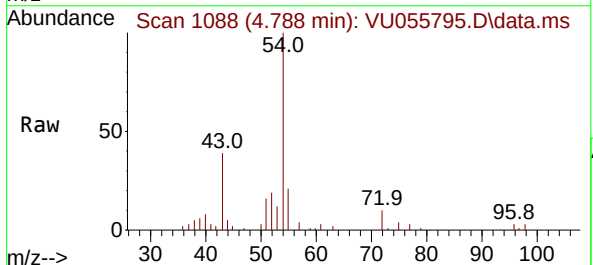
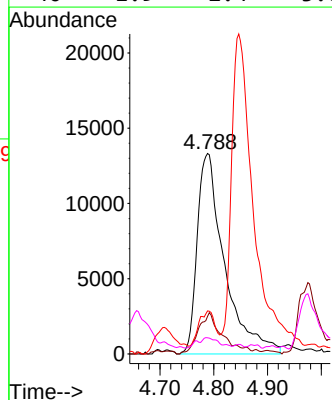
Manual Integrations
APPROVED

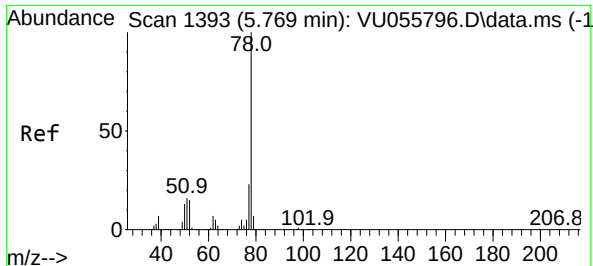
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#34
Propionitrile
Concen: 26.362 ug/l
RT: 4.788 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

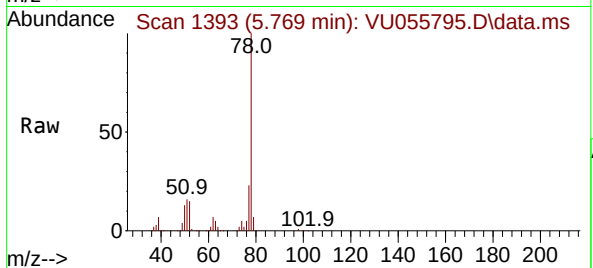
Tgt Ion: 54 Resp: 46970
Ion Ratio Lower Upper
54 100
52 16.2 17.4 26.0#
55 12.6 104.1 156.1#
40 1.9 2.4 3.6#





#35
Benzene
Concen: 4.787 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

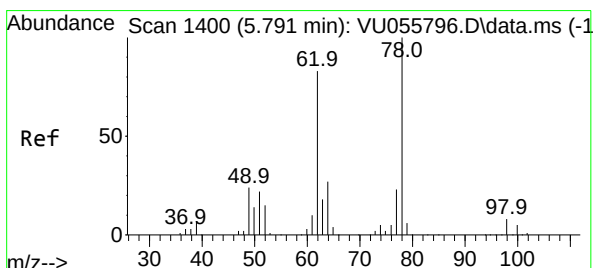
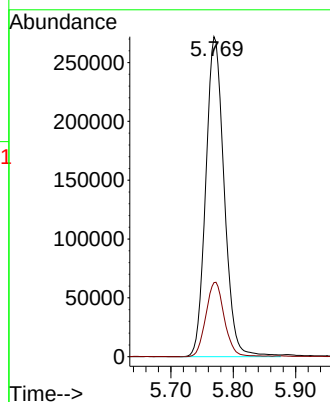
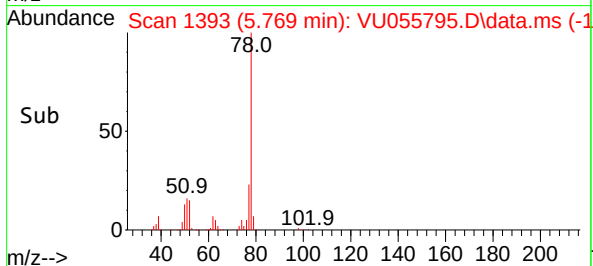
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



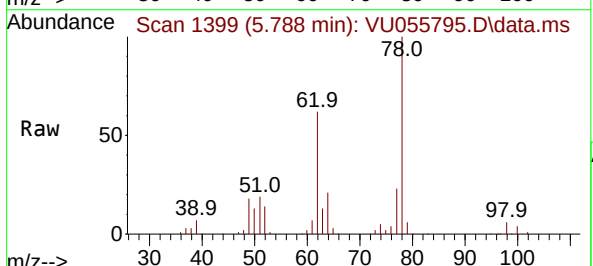
Tgt Ion: 78 Resp: 558190
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

Manual Integrations
APPROVED

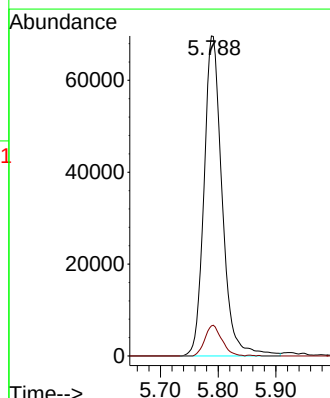
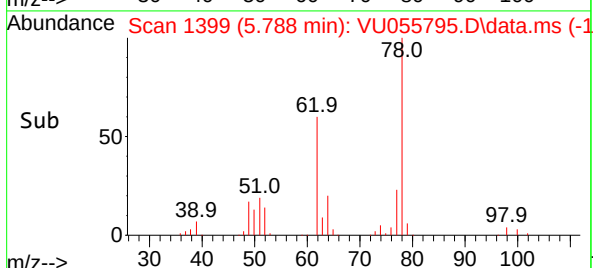
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

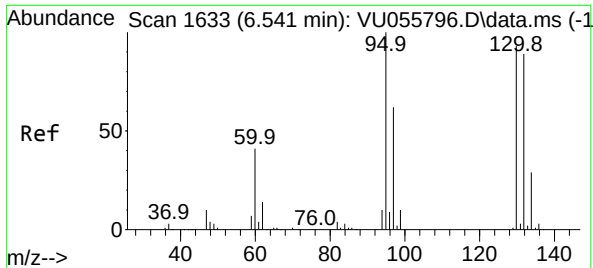


#36
1,2-Dichloroethane
Concen: 4.792 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50



Tgt Ion: 62 Resp: 151763
Ion Ratio Lower Upper
62 100
98 9.0 7.3 10.9





#37

Trichloroethene

Concen: 4.575 ug/l

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 13878

Ion Ratio Lower Upper

130 100

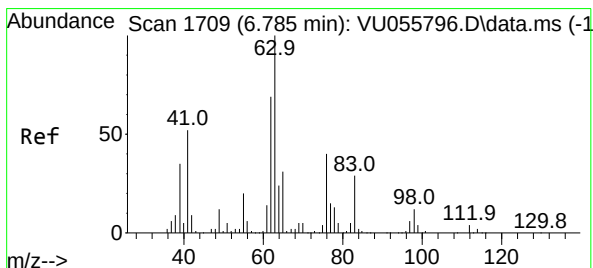
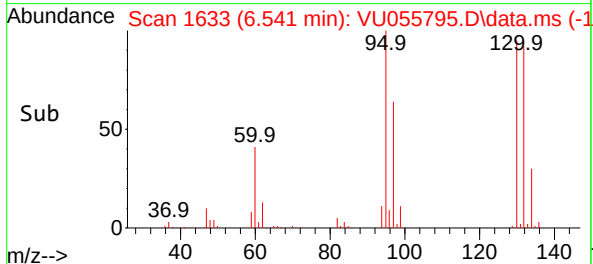
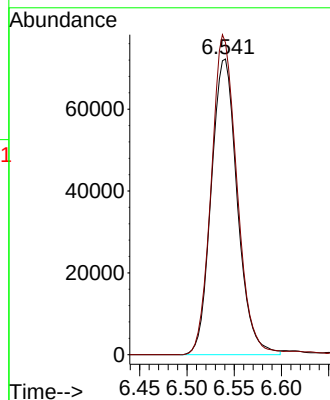
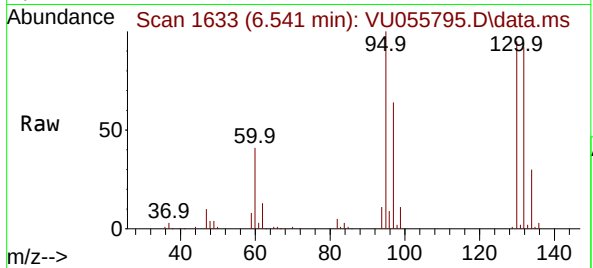
95 105.5 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#38

1,2-Dichloropropane

Concen: 4.731 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU055795.D

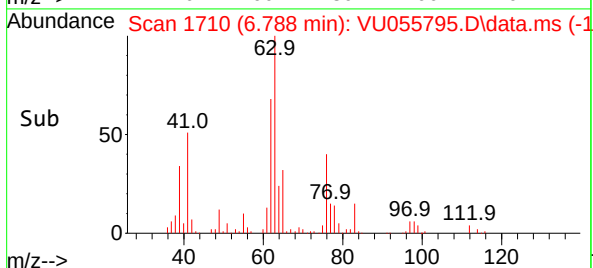
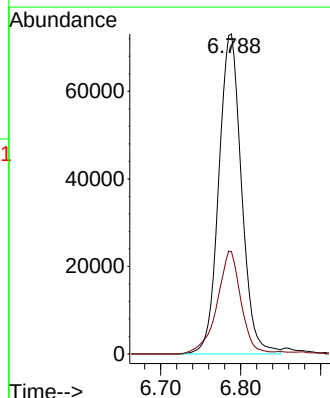
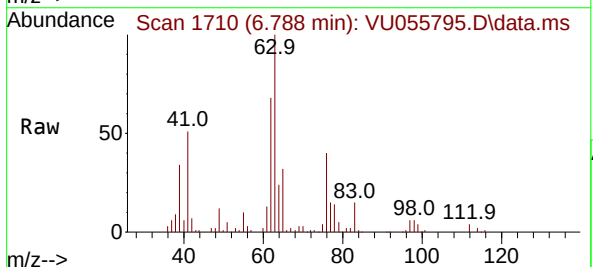
Acq: 18 Oct 2023 10:50

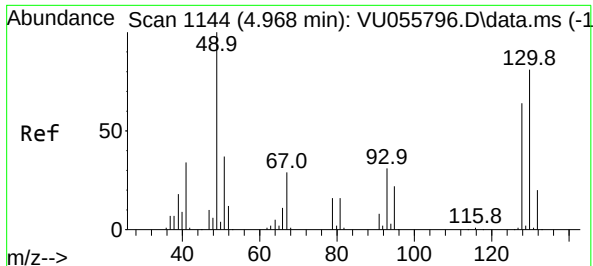
Tgt Ion: 63 Resp: 144089

Ion Ratio Lower Upper

63 100

65 32.0 24.9 37.3





#39

Methacrylonitrile

Concen: 5.080 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. 0.007 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 41 Resp: 33828

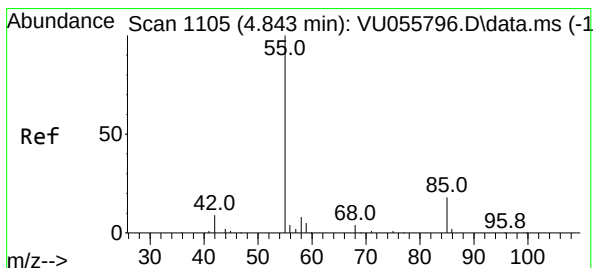
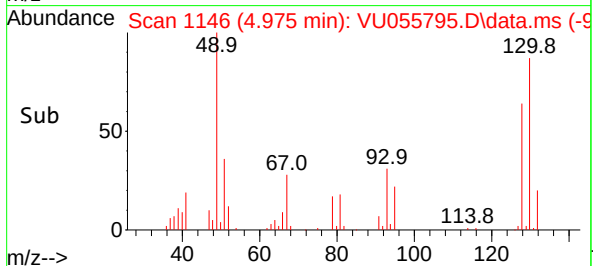
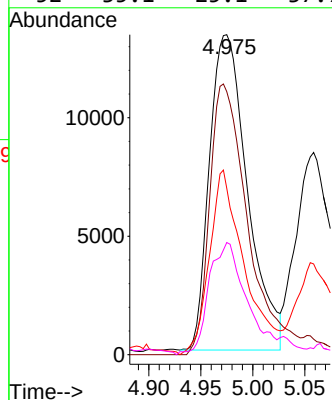
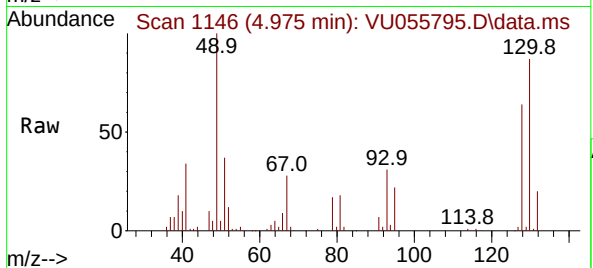
Ion	Ratio	Lower	Upper
41	100		
67	86.8	66.8	100.2
39	53.3	41.2	61.8
52	35.1	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#40

Methyl acrylate

Concen: 5.342 ug/l

RT: 4.846 min Scan# 1106

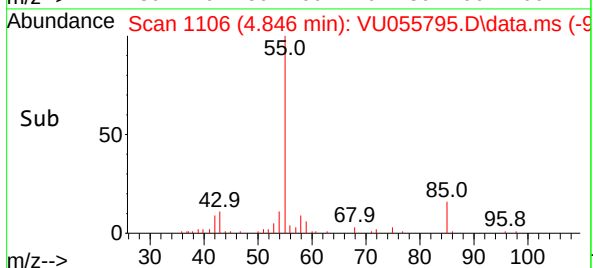
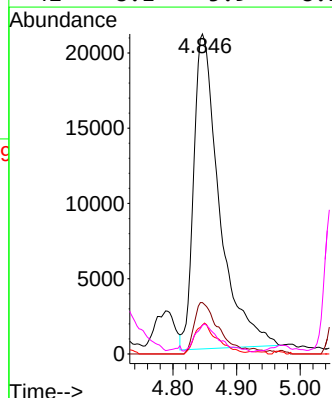
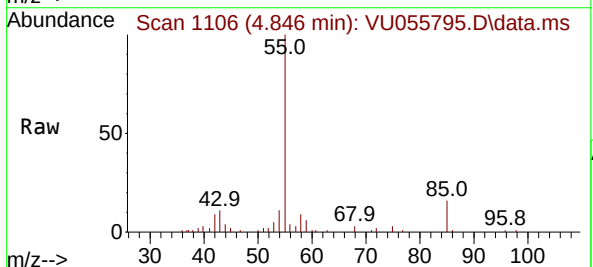
Delta R.T. 0.003 min

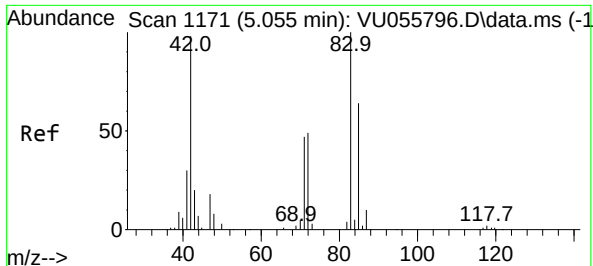
Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Tgt Ion: 55 Resp: 58768

Ion	Ratio	Lower	Upper
55	100		
85	15.7	13.3	19.9
58	8.6	6.5	9.7
42	8.1	5.9	8.9





#41

Tetrahydrofuran

Concen: 8.996 ug/l

RT: 5.058 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 3440

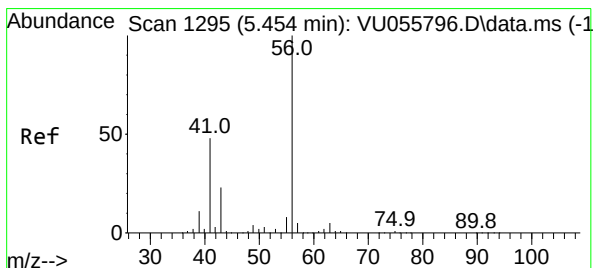
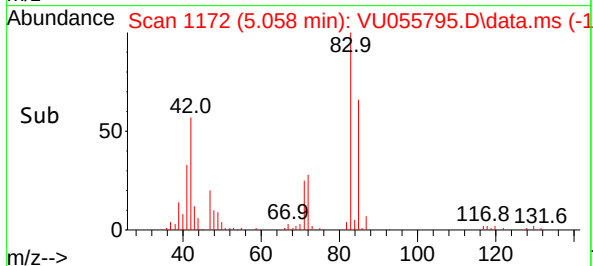
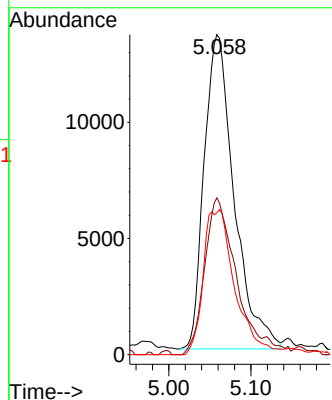
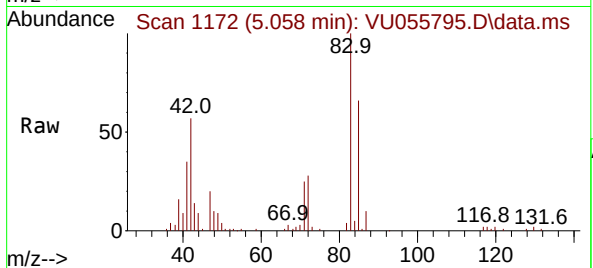
Ion	Ratio	Lower	Upper
42	100		
72	50.8	40.9	61.3
71	48.3	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#42

1-Chlorobutane

Concen: 4.815 ug/l

RT: 5.454 min Scan# 1295

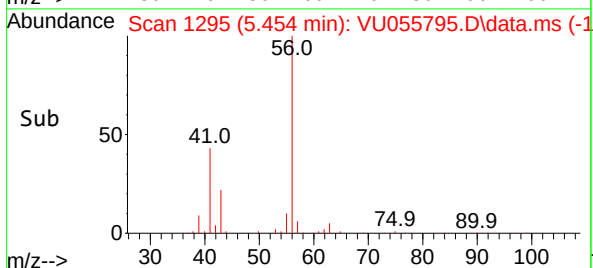
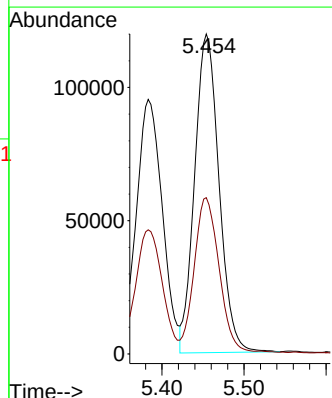
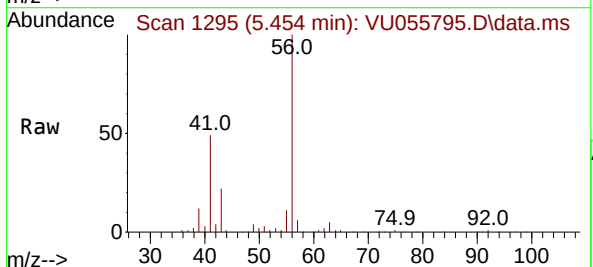
Delta R.T. -0.000 min

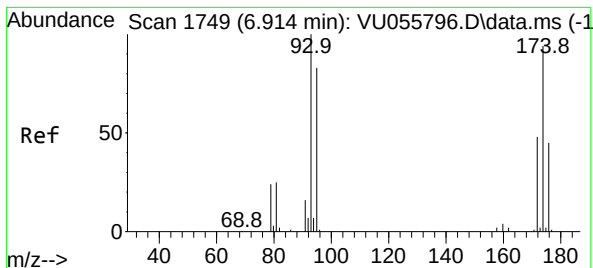
Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Tgt Ion: 56 Resp: 247131

Ion	Ratio	Lower	Upper
56	100		
41	49.2	25.2	75.6





#43

Dibromomethane

Concen: 4.664 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 93 Resp: 67500

Ion Ratio Lower Upper

93 100

95 84.9 67.0 100.6

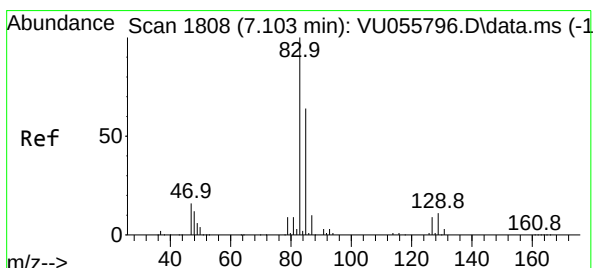
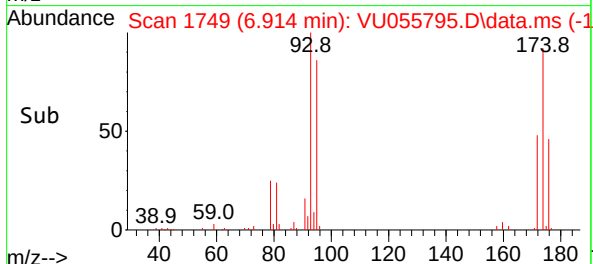
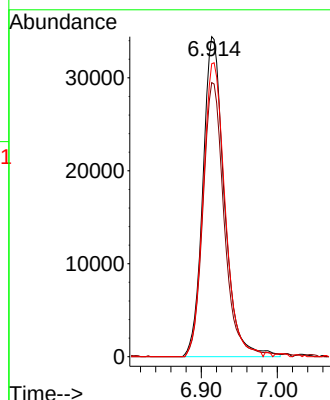
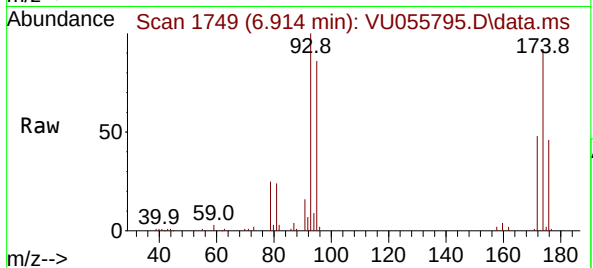
174 93.4 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#44

Bromodichloromethane

Concen: 4.628 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

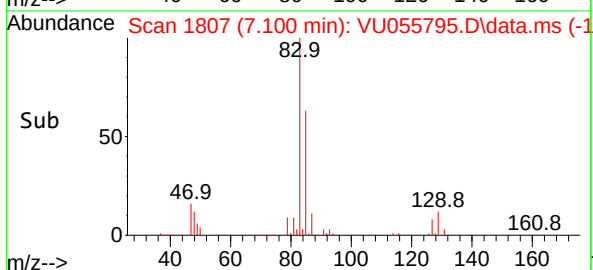
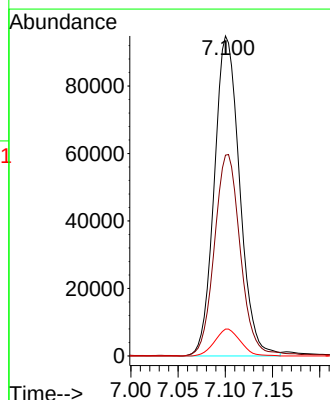
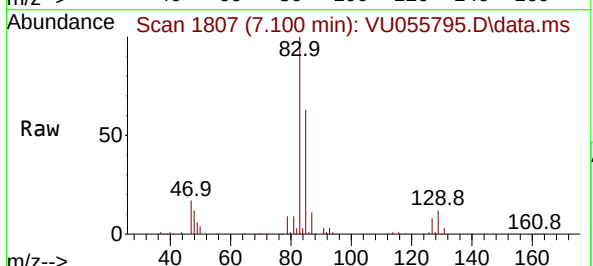
Tgt Ion: 83 Resp: 177027

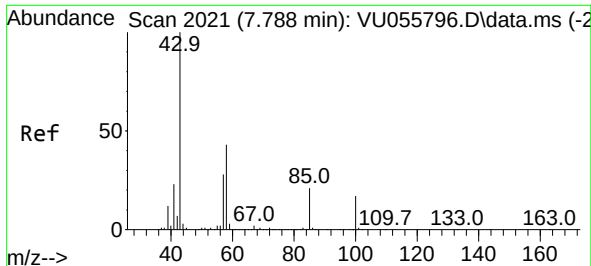
Ion Ratio Lower Upper

83 100

85 62.7 51.9 77.9

127 8.4 6.7 10.1





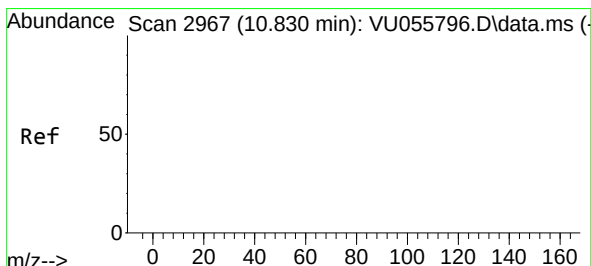
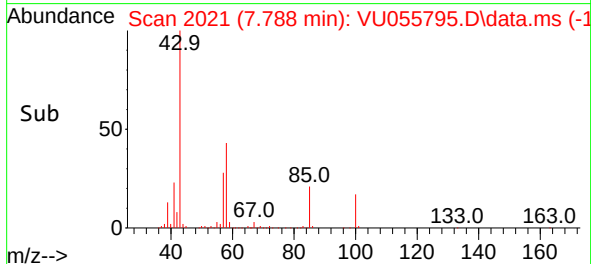
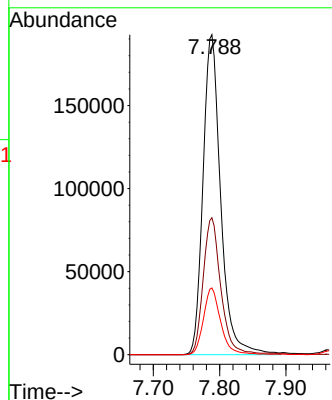
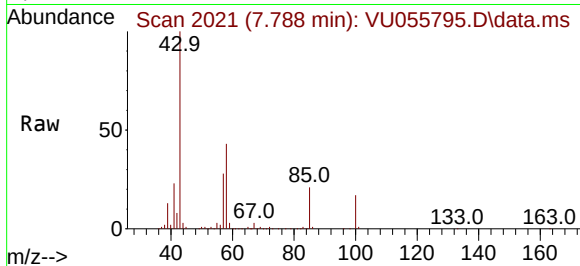
#45
4-Methyl-2-Pentanone
Concen: 23.890 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 35762
Ion Ratio Lower Upper
43 100
58 42.5 20.9 62.8
85 20.3 14.6 21.8

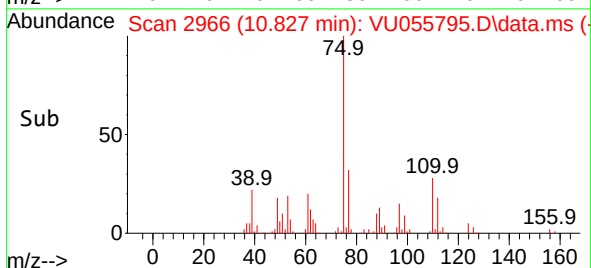
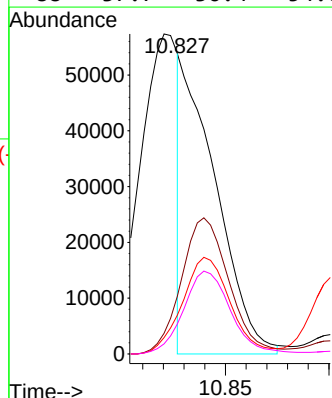
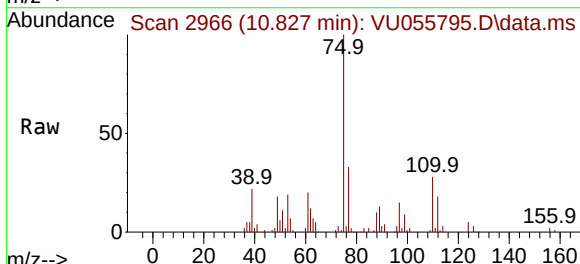
Manual Integrations
APPROVED

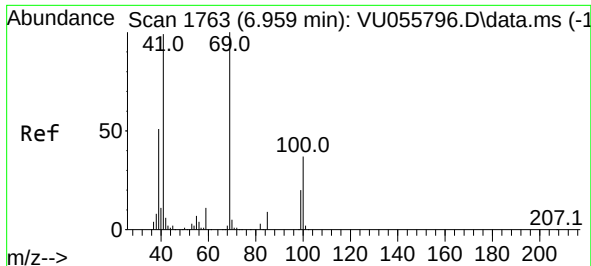
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#46
t-1,4-Dichloro-2-butene
Concen: 12.115 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion: 75 Resp: 62435
Ion Ratio Lower Upper
75 100
53 62.6 73.3 109.9#
89 44.6 48.2 72.4#
88 37.7 36.4 54.6





#47

Methyl methacrylate

Concen: 9.946 ug/l

RT: 6.955 min Scan# 1763

Delta R.T. -0.003 min

Lab File: VU055795.D

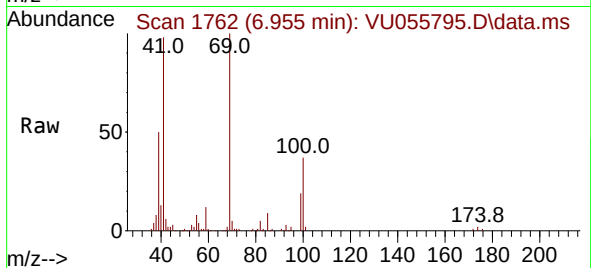
Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005



Tgt Ion: 69 Resp: 11875

Ion Ratio Lower Upper

69 100

41 100.8 0.0 209.2

39 52.1 46.7 70.1

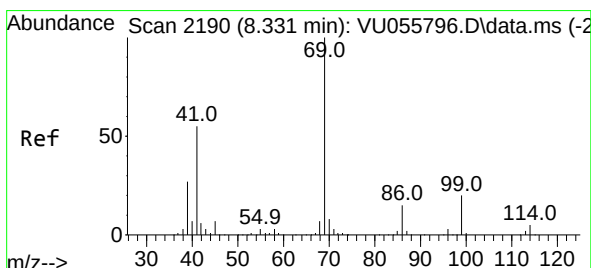
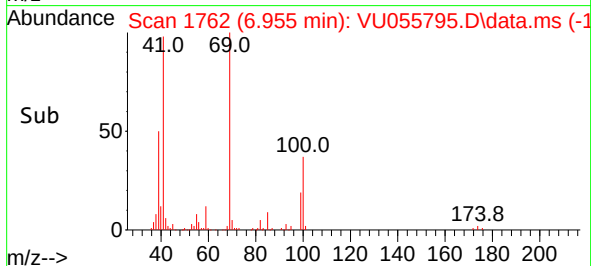
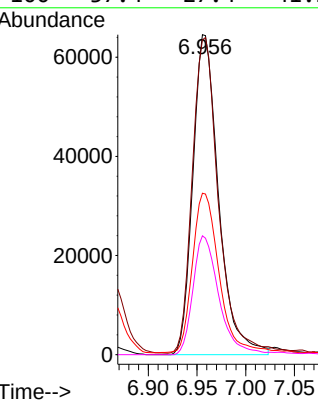
100 37.4 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#48

Ethyl methacrylate

Concen: 4.955 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.001 min

Lab File: VU055795.D

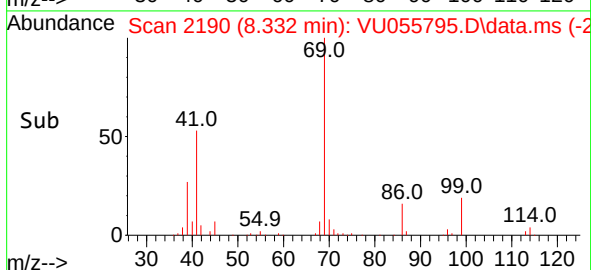
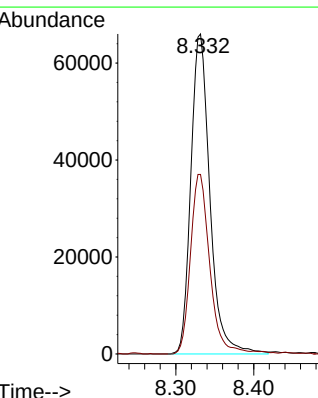
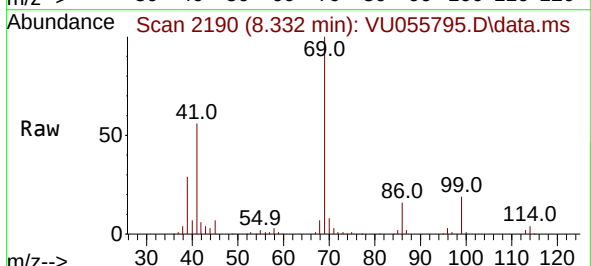
Acq: 18 Oct 2023 10:50

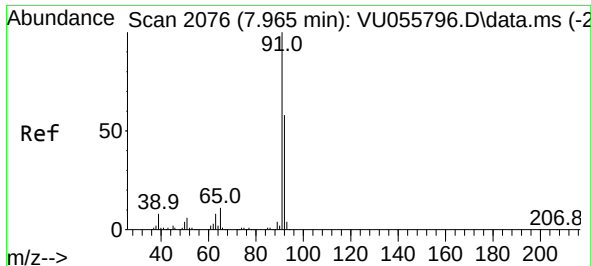
Tgt Ion: 69 Resp: 112313

Ion Ratio Lower Upper

69 100

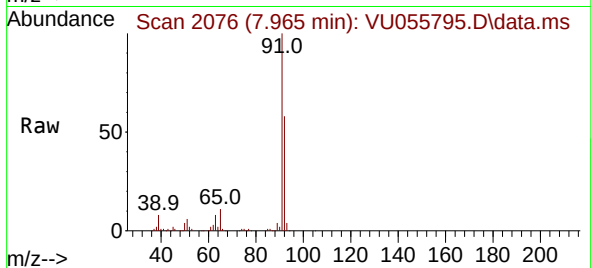
41 56.5 30.3 90.8





#49
Toluene
Concen: 4.900 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

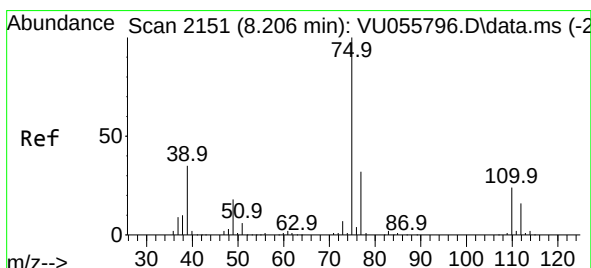
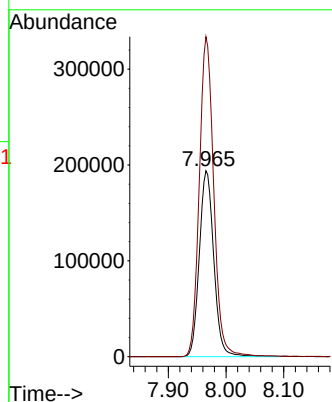
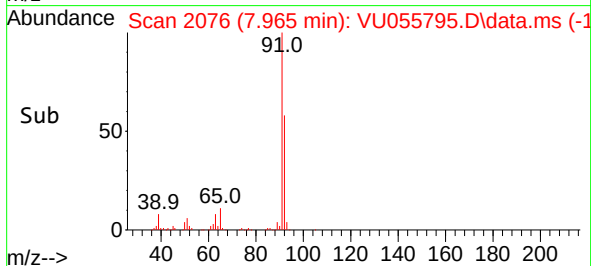
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



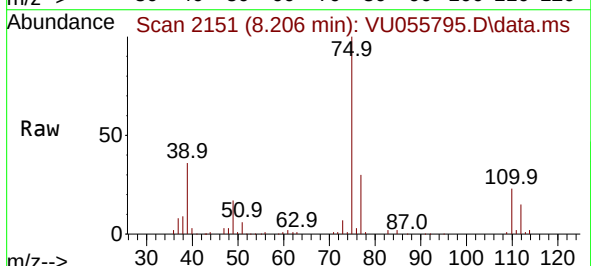
Tgt Ion: 92 Resp: 338189
Ion Ratio Lower Upper
92 100
91 170.9 143.0 214.6

Manual Integrations
APPROVED

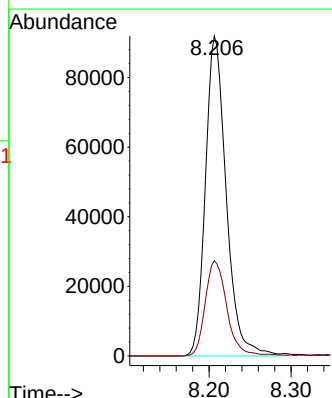
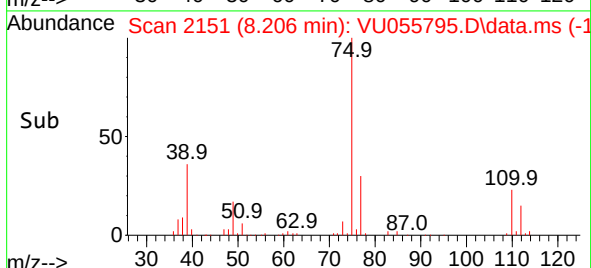
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

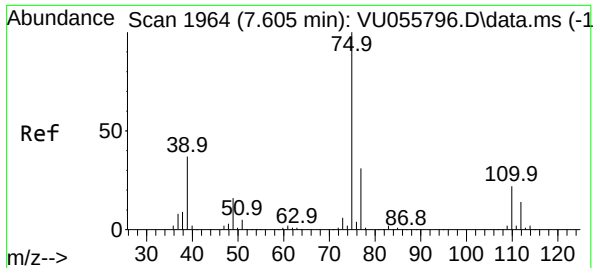


#50
t-1,3-Dichloropropene
Concen: 4.781 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50



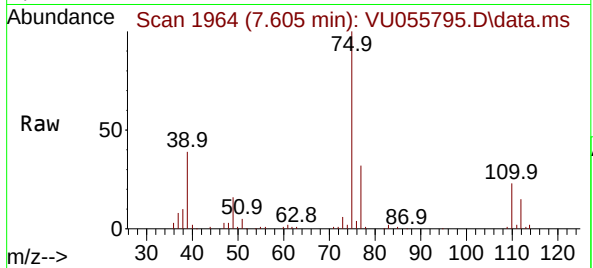
Tgt Ion: 75 Resp: 161841
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 4.703 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU055795.D
 Acq: 18 Oct 2023 10:50

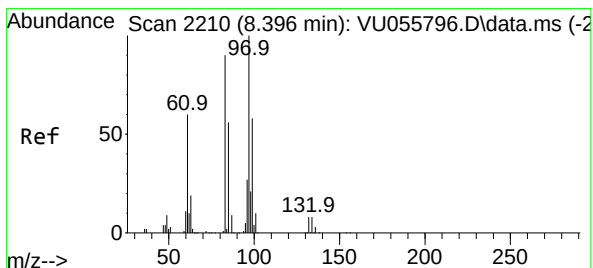
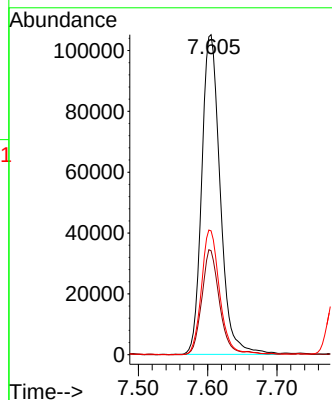
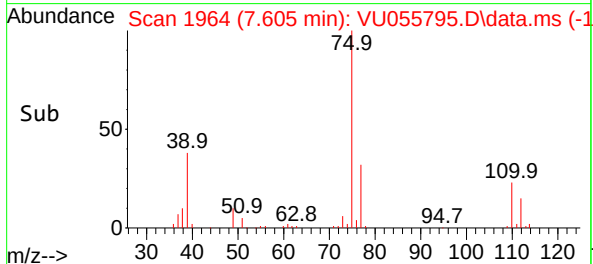
Instrument : MSVOA_U
 ClientSampleId : VSTDIC005



Tgt Ion: 75 Resp: 19484
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.7 38.5
 39 38.6 32.8 49.2

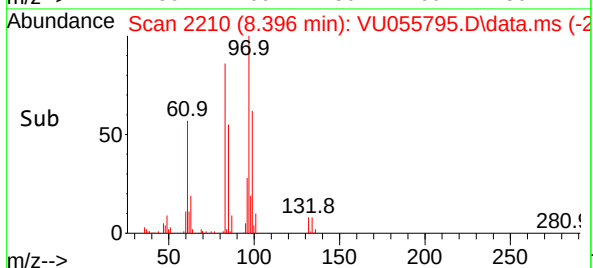
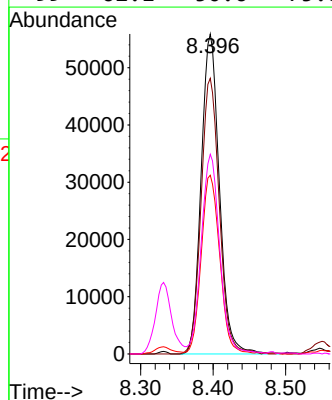
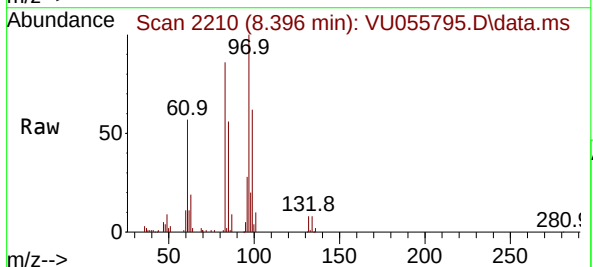
Manual Integrations
 APPROVED

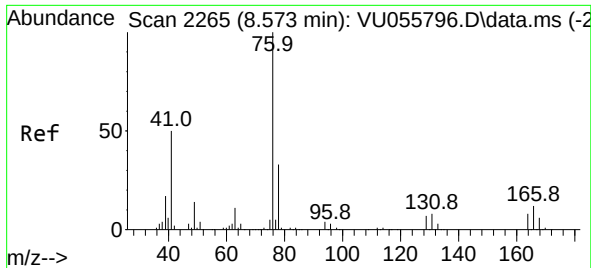
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023



#52
 1,1,2-Trichloroethane
 Concen: 4.723 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU055795.D
 Acq: 18 Oct 2023 10:50

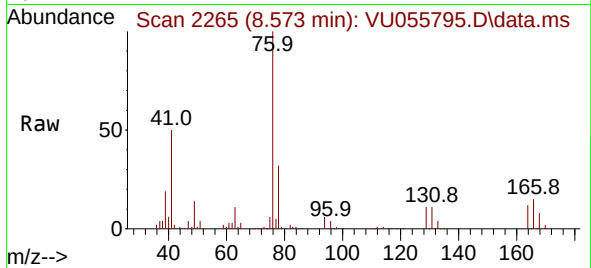
Tgt Ion: 97 Resp: 97637
 Ion Ratio Lower Upper
 97 100
 83 86.2 71.8 107.8
 85 55.9 45.2 67.8
 99 62.1 50.6 75.8





#53
1,3-Dichloropropane
Concen: 4.743 ug/l
RT: 8.573 min Scan# 2265
Delta R.T. -0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

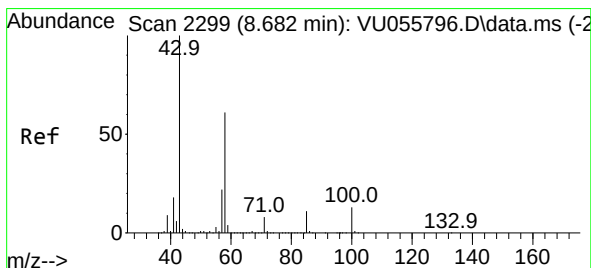
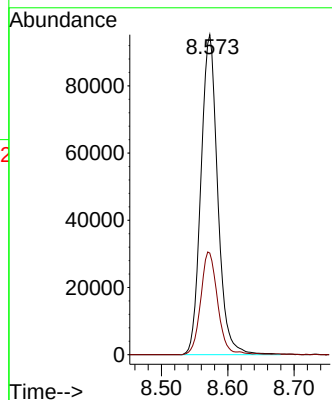
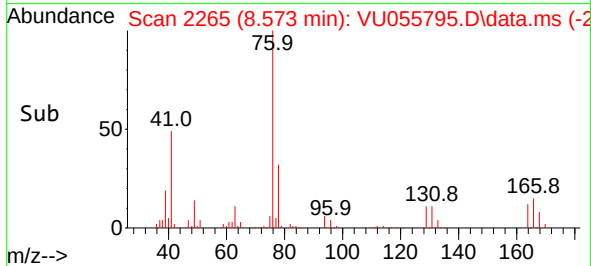
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



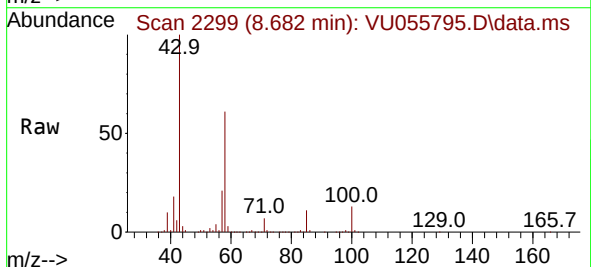
Tgt Ion: 76 Resp: 16757
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9

Manual Integrations
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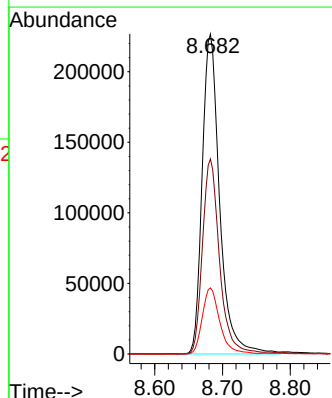
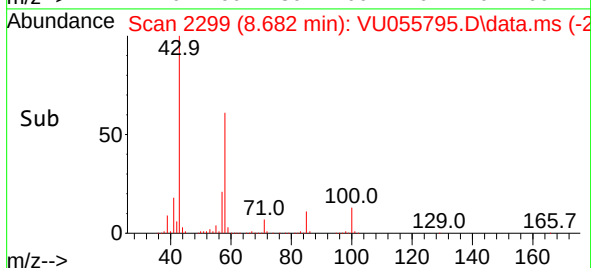
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

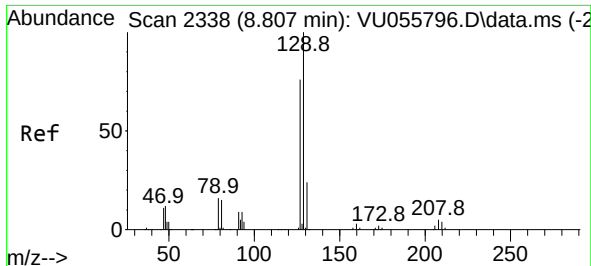


#54
2-Hexanone
Concen: 24.188 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50



Tgt Ion: 43 Resp: 405637
Ion Ratio Lower Upper
43 100
58 59.3 38.2 78.2
57 20.6 0.0 39.1





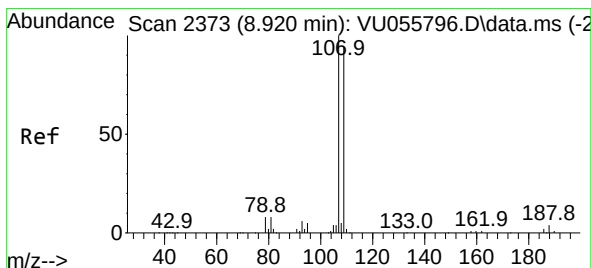
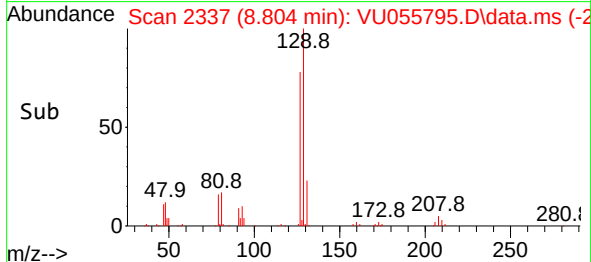
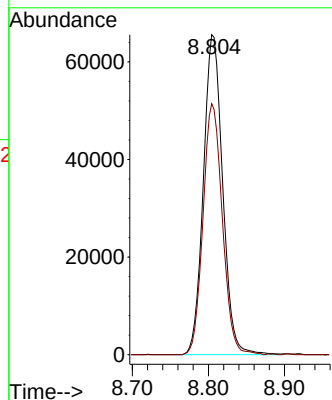
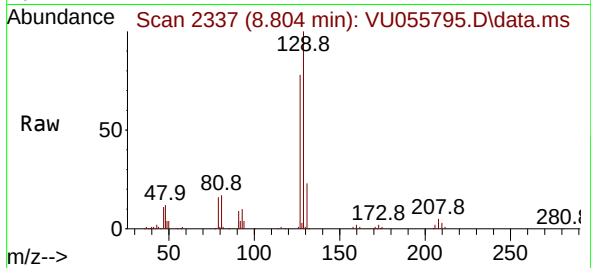
#55
Dibromochloromethane
Concen: 4.630 ug/l
RT: 8.804 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 11554
Ion Ratio Lower Upper
129 100
127 78.6 61.4 92.0

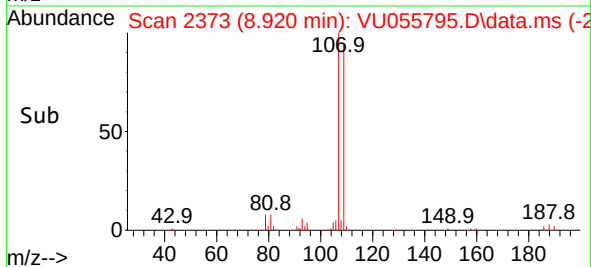
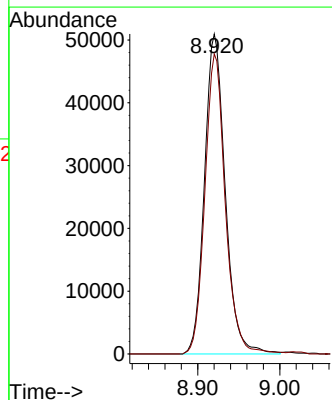
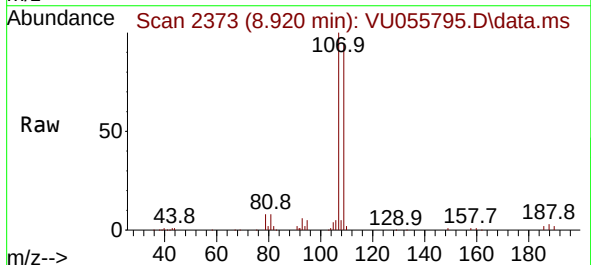
Manual Integrations
APPROVED

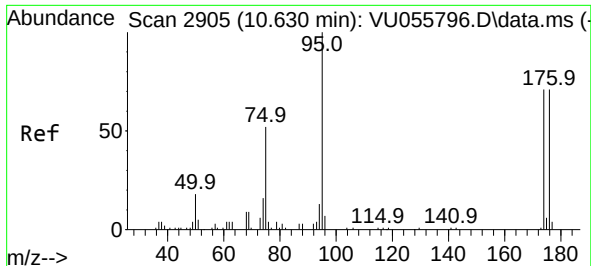
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#56
1,2-Dibromoethane
Concen: 4.743 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

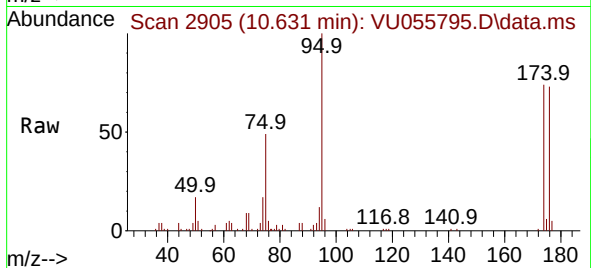
Tgt Ion:107 Resp: 89583
Ion Ratio Lower Upper
107 100
109 92.4 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.964 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

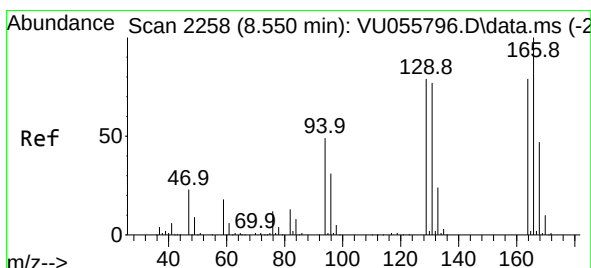
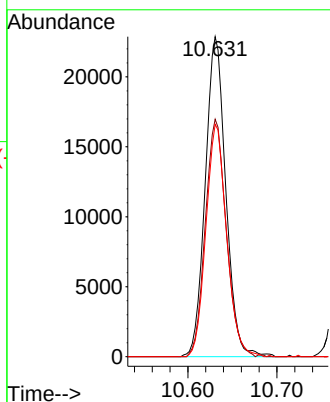
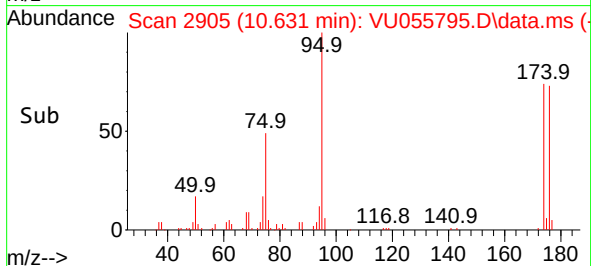
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



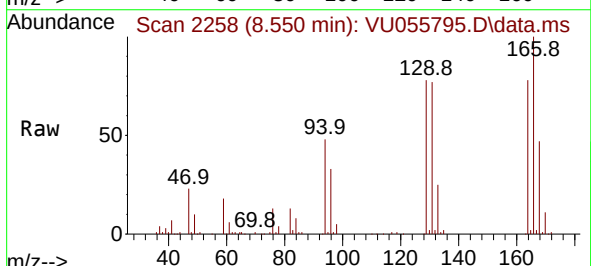
Tgt Ion: 95 Resp: 36540
Ion Ratio Lower Upper
95 100
174 75.6 63.3 94.9
176 73.3 59.3 88.9

Manual Integrations
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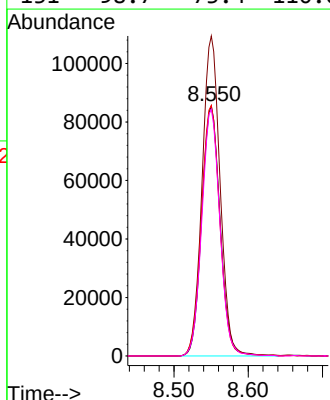
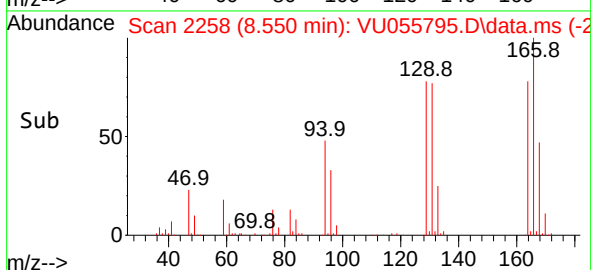
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

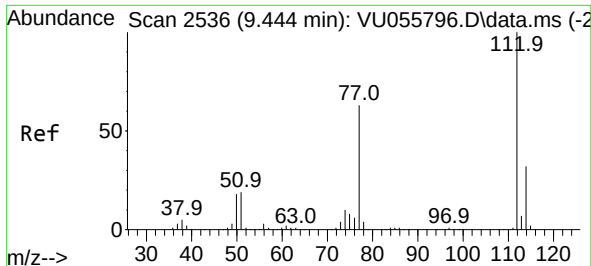


#58
Tetrachloroethene
Concen: 4.660 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50



Tgt Ion:164 Resp: 147016
Ion Ratio Lower Upper
164 100
166 128.0 99.6 149.4
129 100.2 78.6 117.8
131 98.7 73.4 110.0





#59

Chlorobenzene

Concen: 4.703 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:112 Resp: 358470

Ion Ratio Lower Upper

112 100

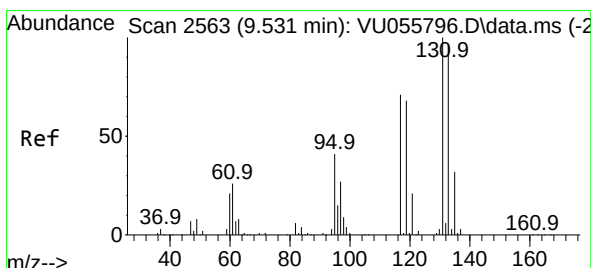
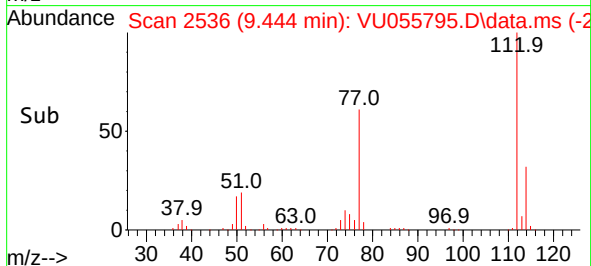
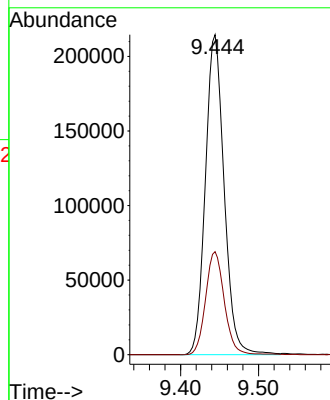
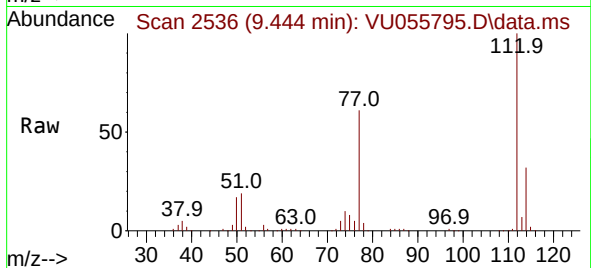
114 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#60

1,1,1,2-Tetrachloroethane

Concen: 4.644 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. -0.003 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

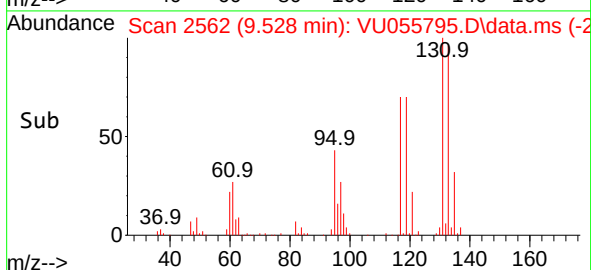
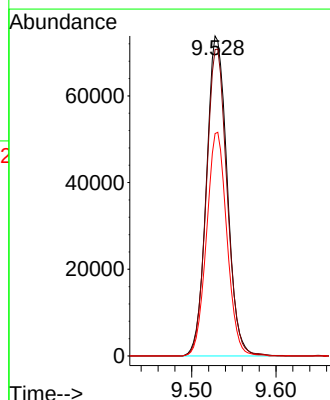
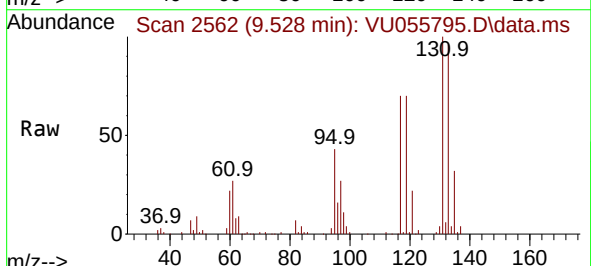
Tgt Ion:131 Resp: 126163

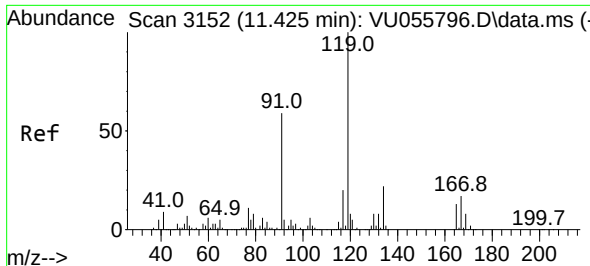
Ion Ratio Lower Upper

131 100

133 96.1 77.8 116.6

119 68.8 55.2 82.8





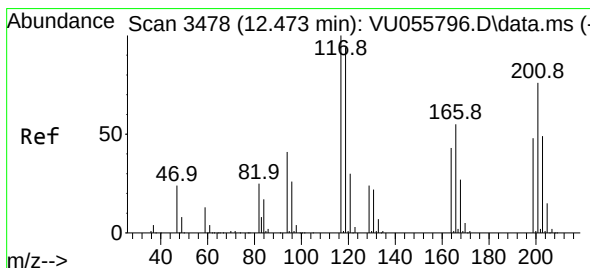
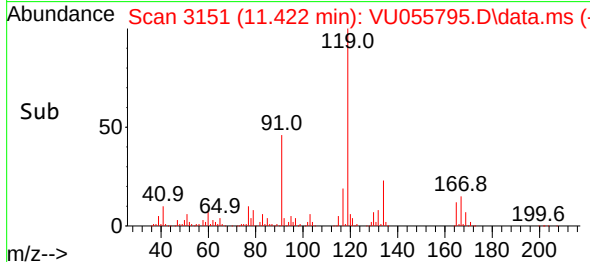
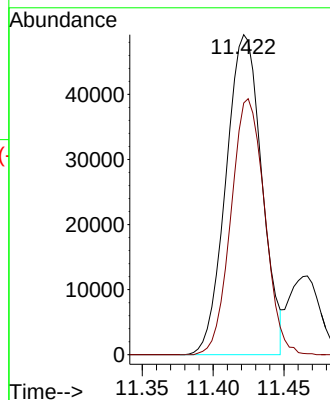
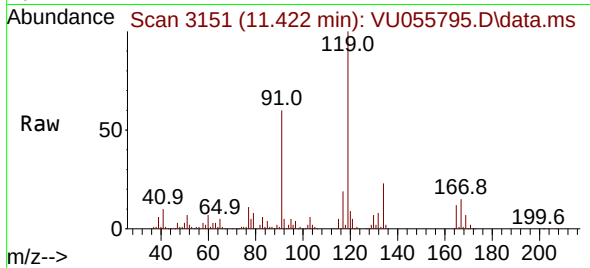
#61
Pentachloroethane
Concen: 4.712 ug/l
RT: 11.422 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 86628
Ion Ratio Lower Upper
117 100
167 75.0 56.7 85.1

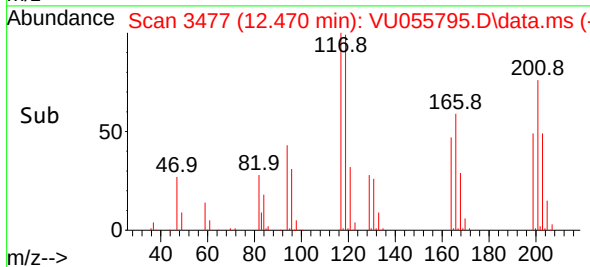
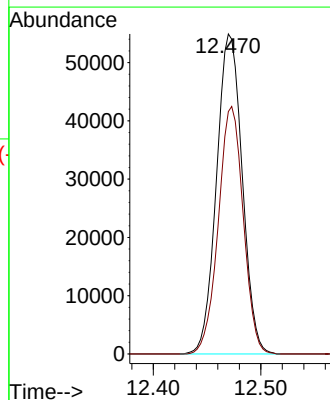
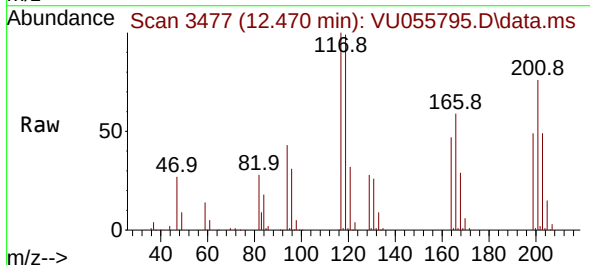
Manual Integrations
APPROVED

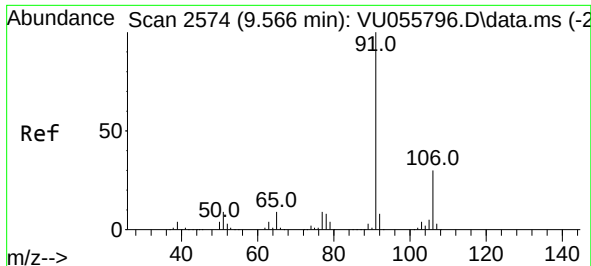
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#62
Hexachloroethane
Concen: 4.684 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion:117 Resp: 91182
Ion Ratio Lower Upper
117 100
201 75.0 59.6 89.4





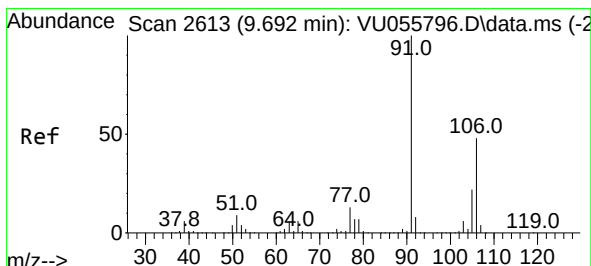
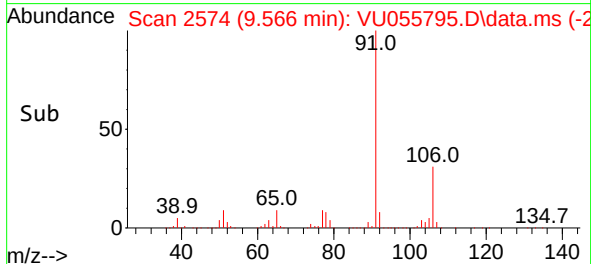
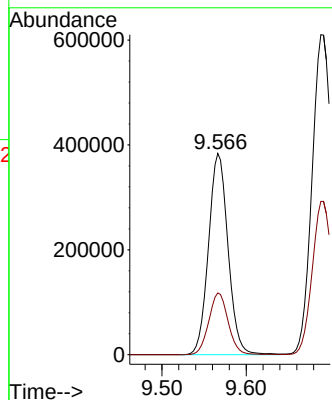
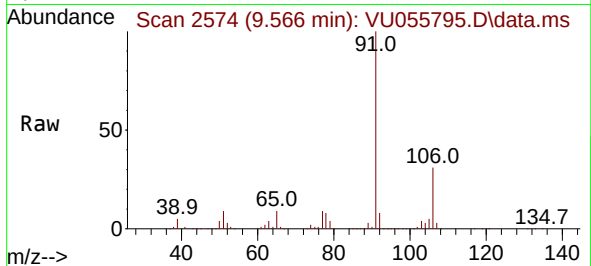
#63
Ethyl Benzene
Concen: 4.781 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 618378
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.2

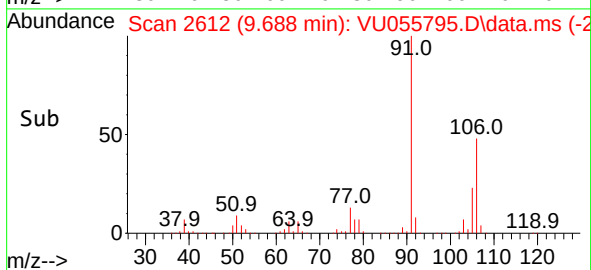
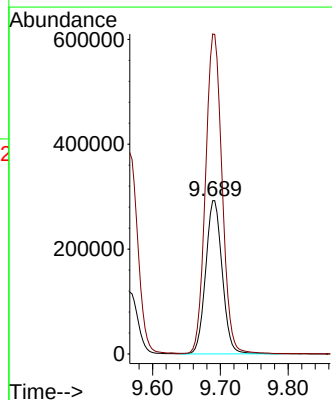
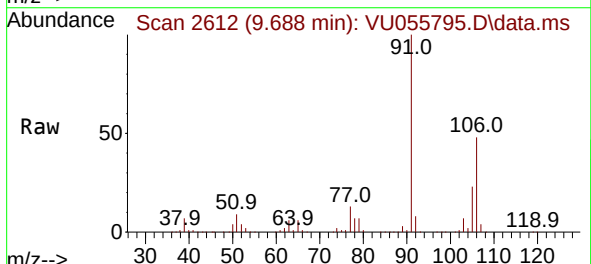
Manual Integrations
APPROVED

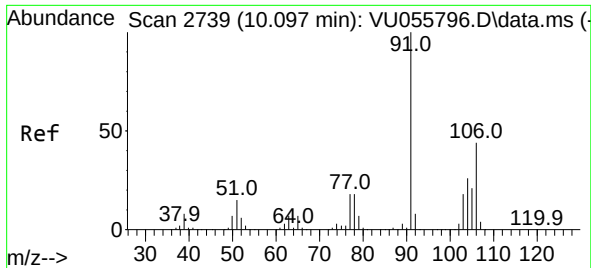
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#64
m/p-Xylenes
Concen: 9.937 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. -0.004 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion:106 Resp: 494128
Ion Ratio Lower Upper
106 100
91 209.7 167.3 250.9





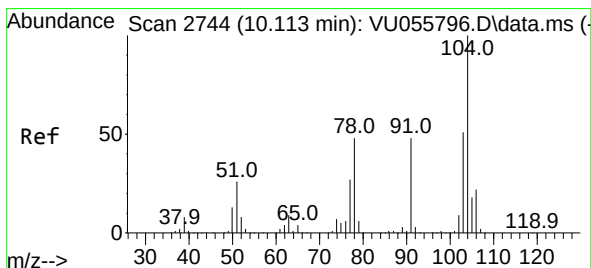
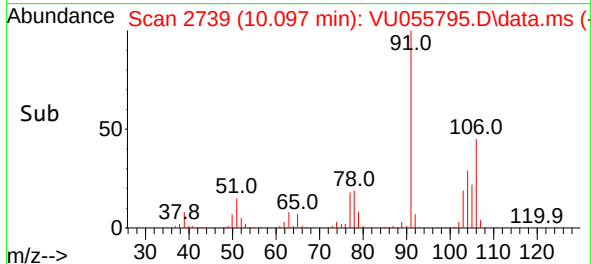
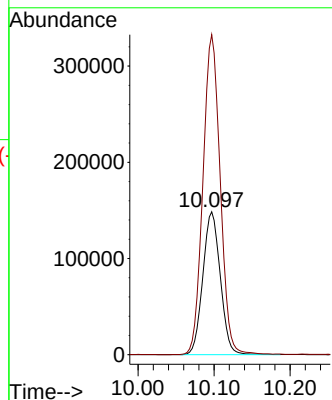
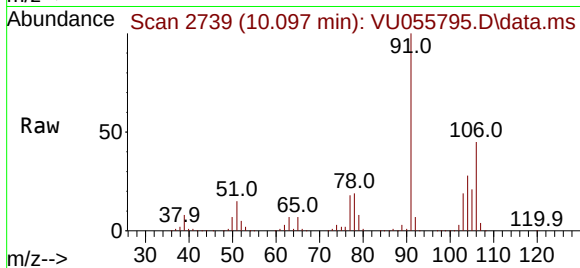
#65
o-Xylene
Concen: 4.853 ug/l
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 236809
Ion Ratio Lower Upper
106 100
91 222.1 109.3 327.9

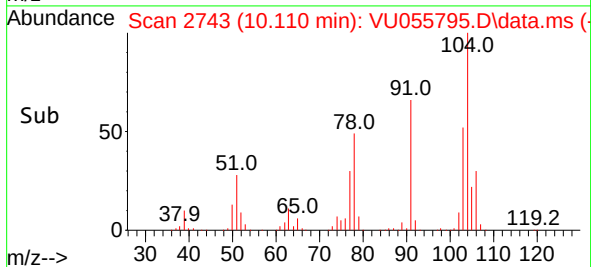
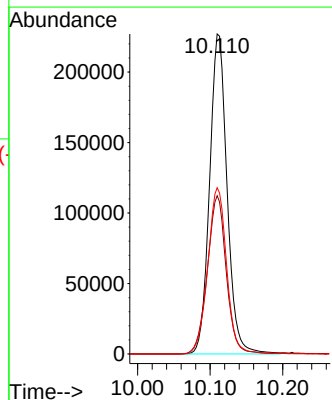
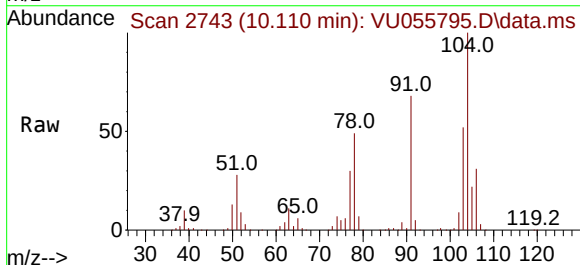
Manual Integrations
APPROVED

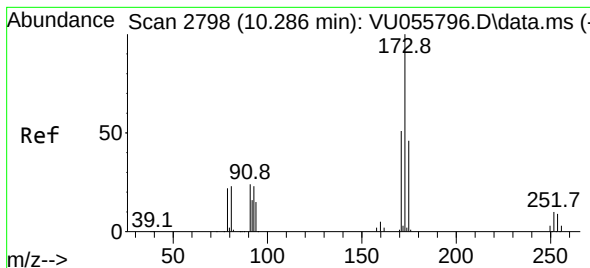
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#66
Styrene
Concen: 4.992 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion:104 Resp: 380938
Ion Ratio Lower Upper
104 100
78 53.4 39.7 59.5
103 55.9 44.8 67.2





#67

Bromoform

Concen: 4.793 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

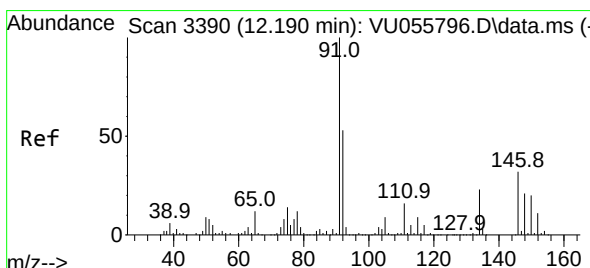
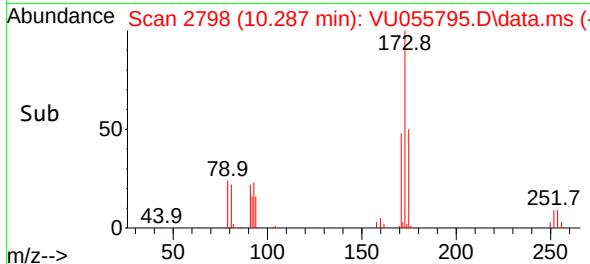
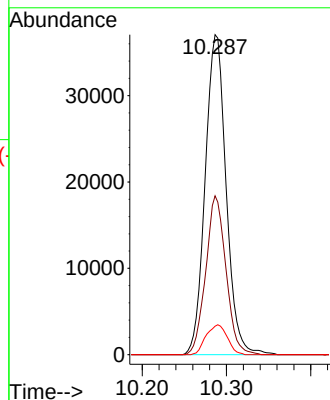
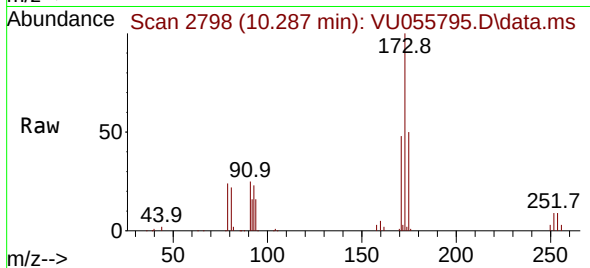
Tgt Ion:173 Resp: 64238
 Ion Ratio Lower Upper
 173 100
 175 47.8 39.0 58.6
 254 9.4 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#68

1,2-Dichlorobenzene-d4

Concen: 1.005 ug/l

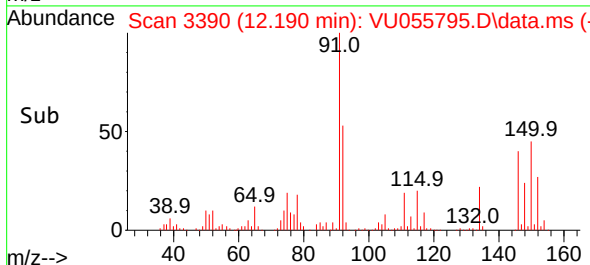
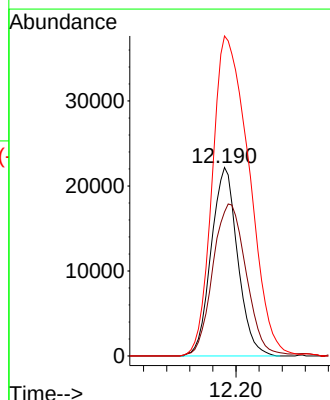
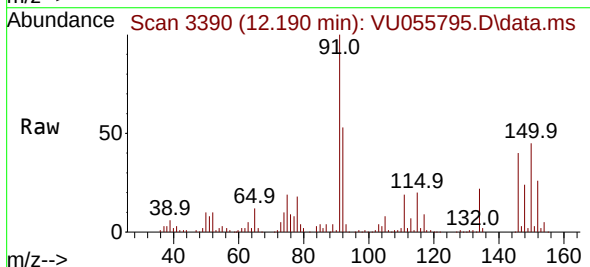
RT: 12.190 min Scan# 3390

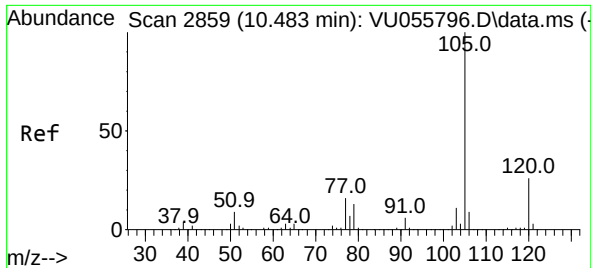
Delta R.T. 0.000 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Tgt Ion:152 Resp: 35323
 Ion Ratio Lower Upper
 152 100
 115 101.5 0.0 308.8
 150 235.4 0.0 635.0





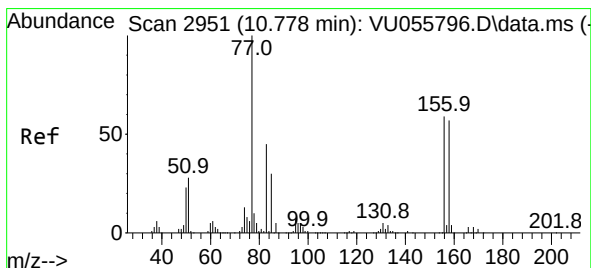
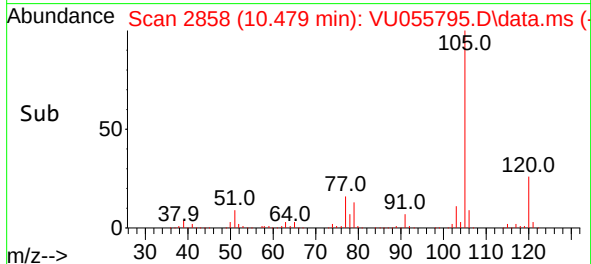
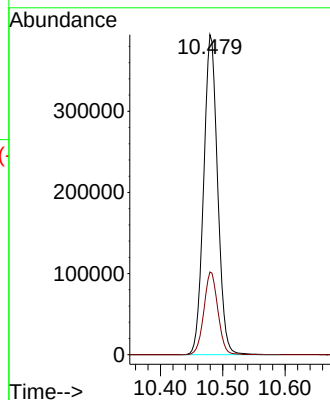
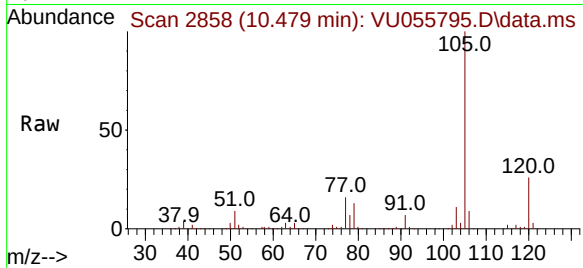
#69
Isopropylbenzene
Concen: 4.884 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. -0.004 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 613474
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4

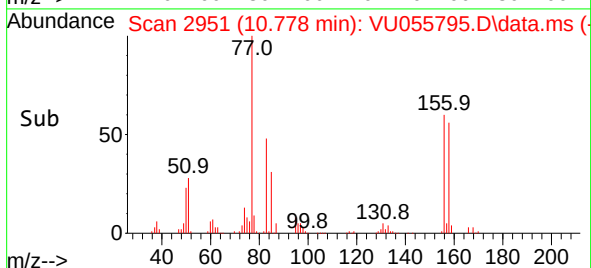
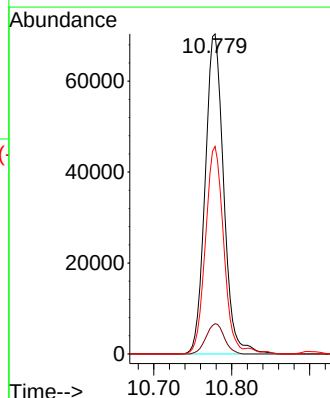
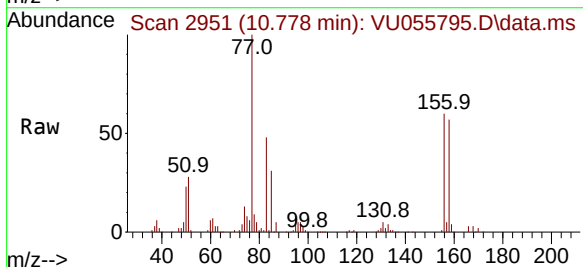
Manual Integrations
APPROVED

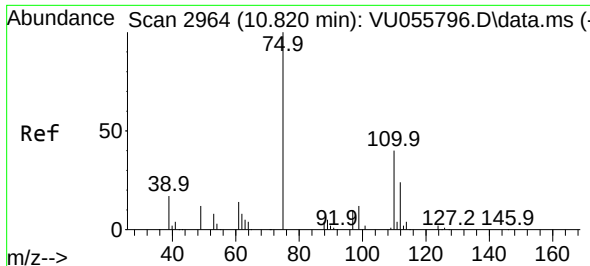
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 4.802 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

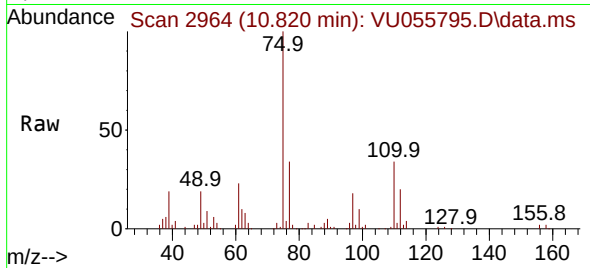
Tgt Ion: 83 Resp: 116082
Ion Ratio Lower Upper
83 100
131 9.3 7.2 10.8
85 63.4 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 4.842 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

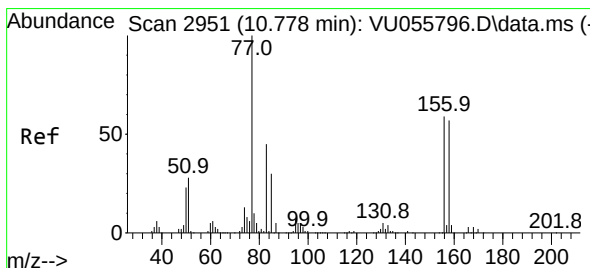
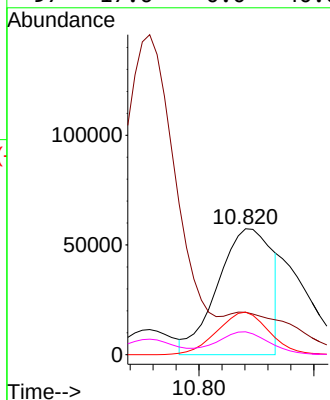
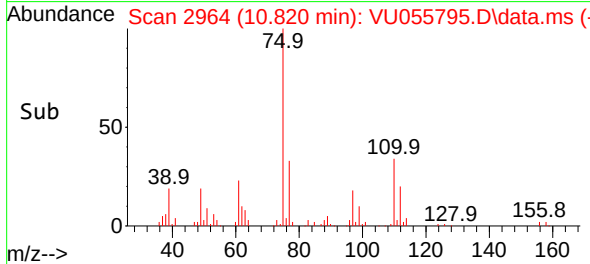
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



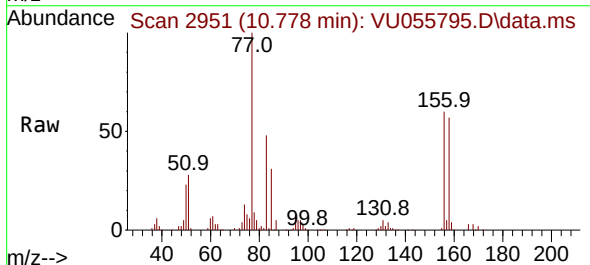
Tgt Ion:	75	Resp:	94061
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	32.8	0.0	74.6
97	17.6	0.0	40.0

Manual Integrations
APPROVED

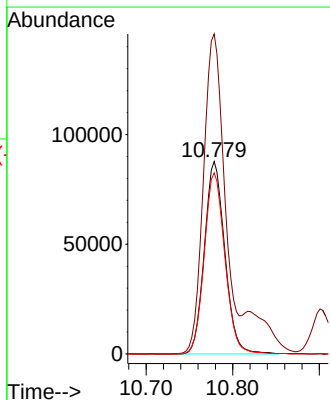
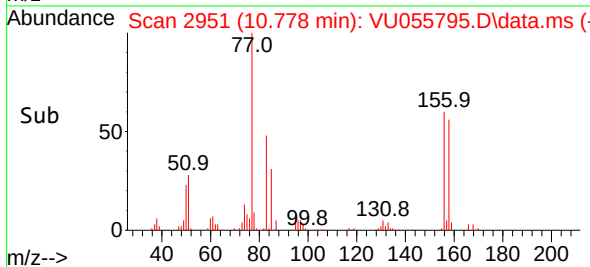
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

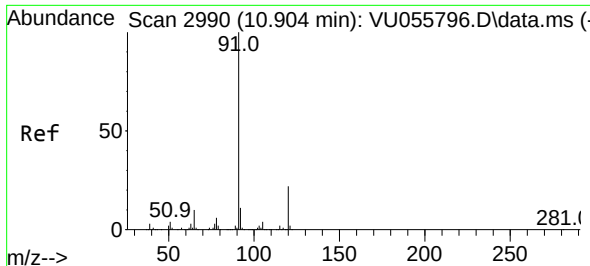


#72
Bromobenzene
Concen: 4.806 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50



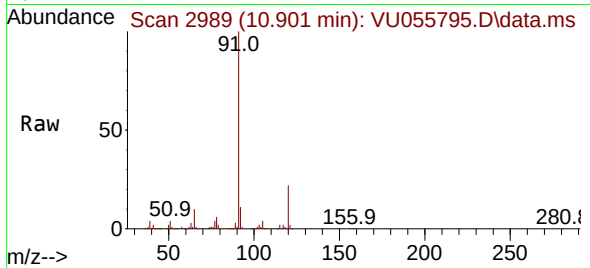
Tgt Ion:	156	Resp:	144061
Ion Ratio	Lower	Upper	
156	100		
77	169.4	0.0	343.0
158	95.0	0.0	194.8





#73
n-propylbenzene
Concen: 5.146 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

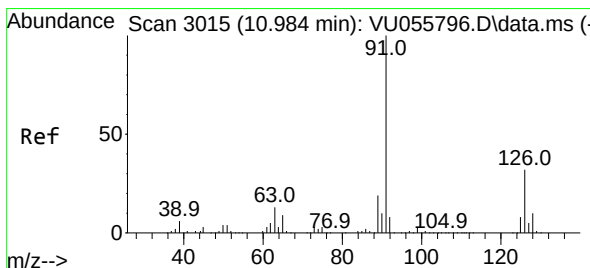
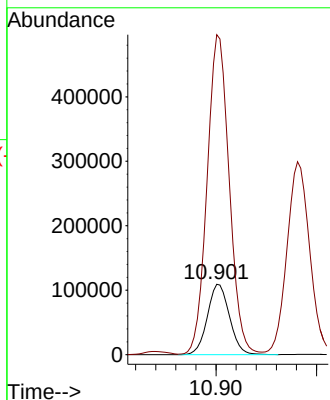
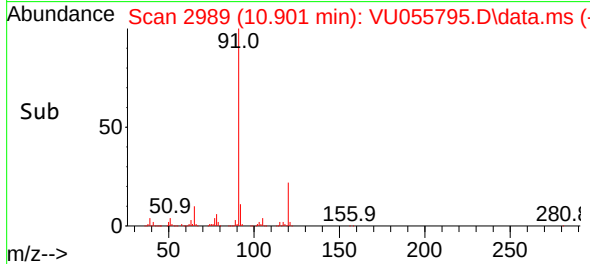
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



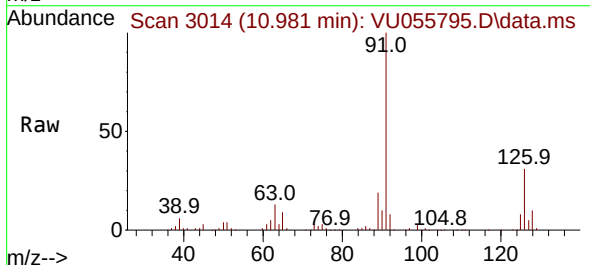
Tgt Ion:120 Resp: 166532
Ion Ratio Lower Upper
120 100
91 454.0 369.8 554.6

Manual Integrations
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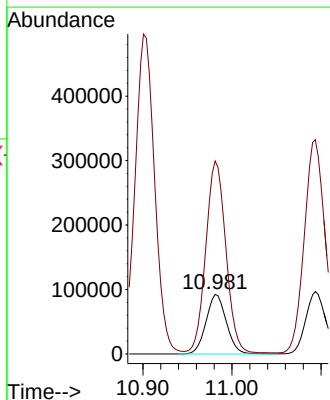
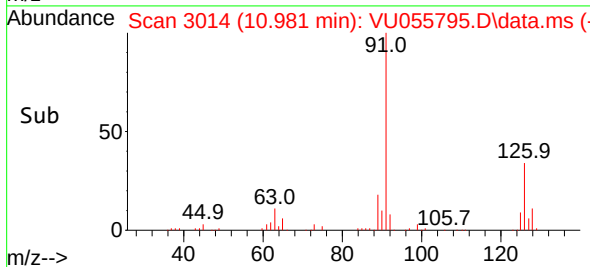
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

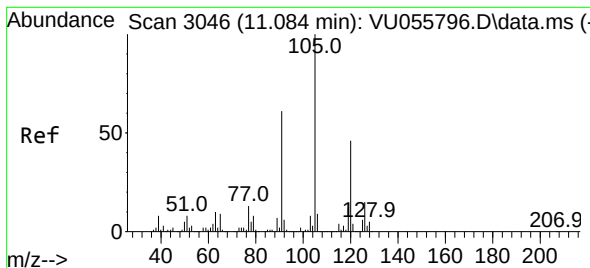


#74
2-Chlorotoluene
Concen: 4.836 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50



Tgt Ion:126 Resp: 145628
Ion Ratio Lower Upper
126 100
91 322.6 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 5.071 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 54451

Ion Ratio Lower Upper

105 100

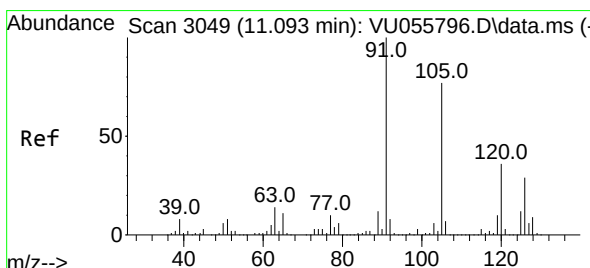
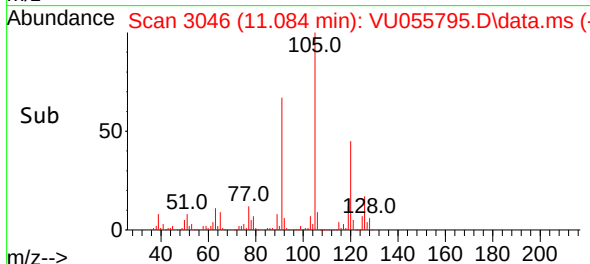
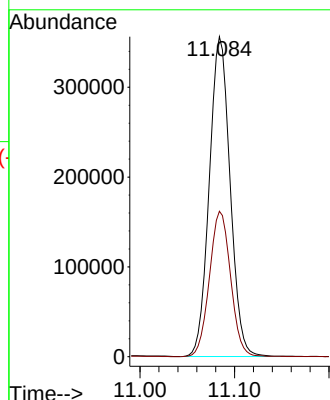
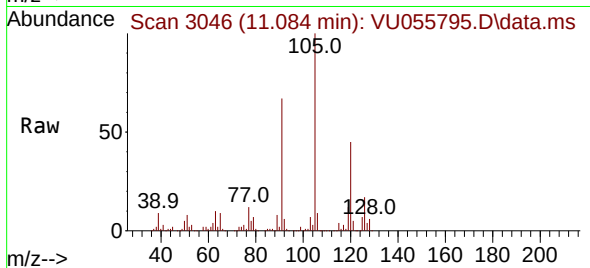
120 46.2 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#76

4-Chlorotoluene

Concen: 4.953 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.001 min

Lab File: VU055795.D

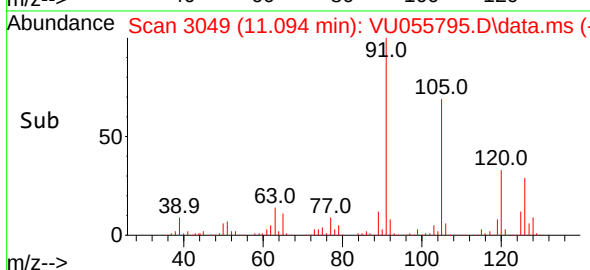
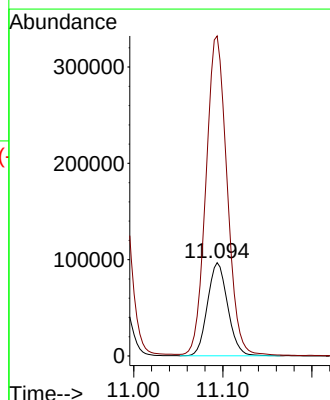
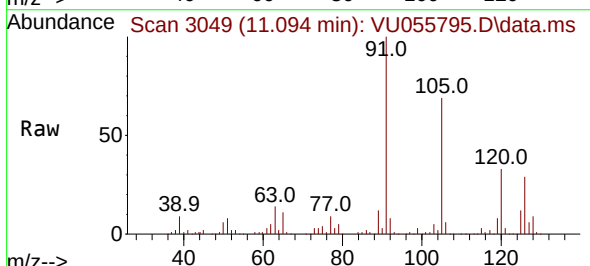
Acq: 18 Oct 2023 10:50

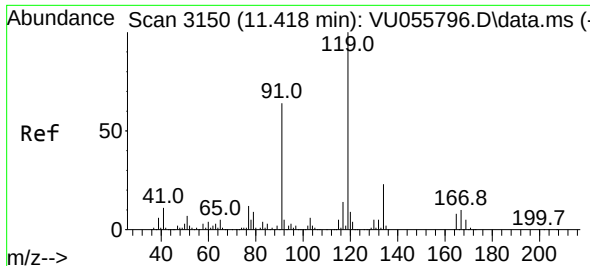
Tgt Ion:126 Resp: 151996

Ion Ratio Lower Upper

126 100

91 359.6 0.0 686.2





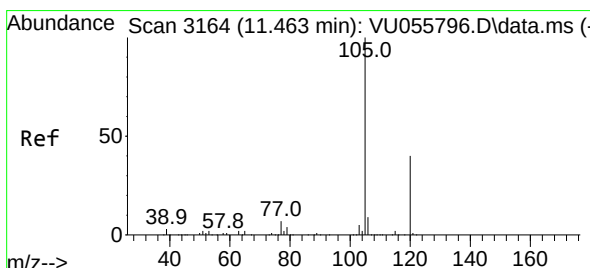
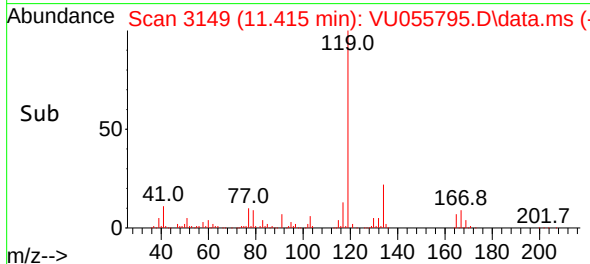
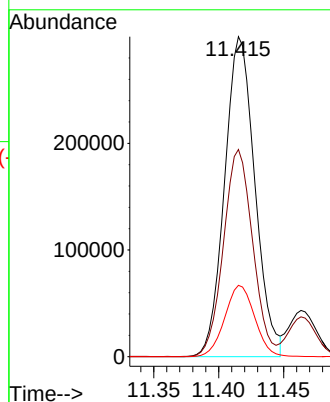
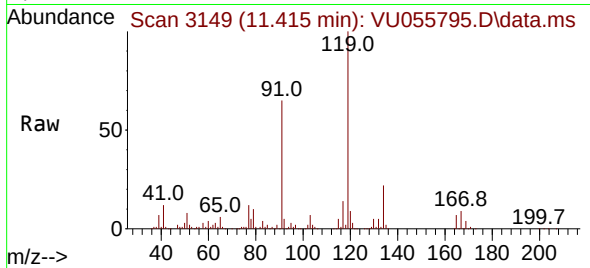
#77
tert-Butylbenzene
Concen: 4.948 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 487079
Ion Ratio Lower Upper
119 100
91 62.4 30.8 92.4
134 22.1 18.0 27.0

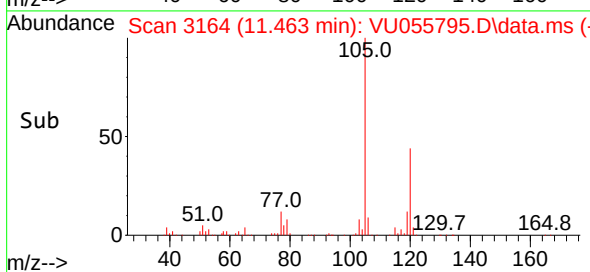
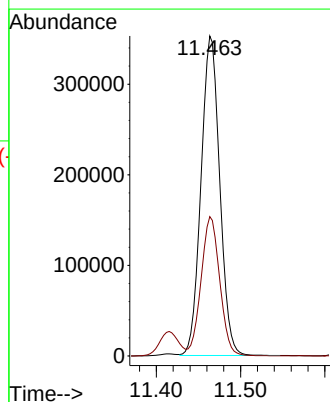
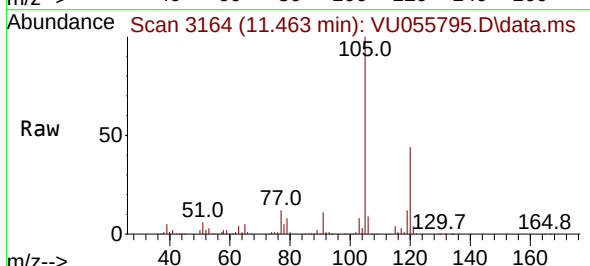
Manual Integrations
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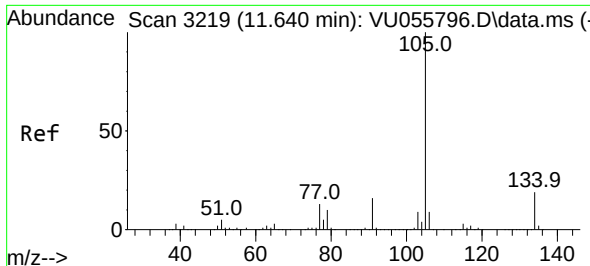
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#78
1,2,4-Trimethylbenzene
Concen: 5.134 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

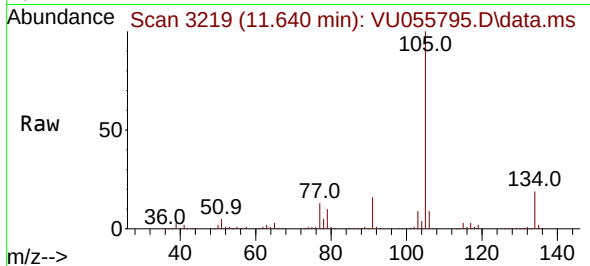
Tgt Ion:105 Resp: 545879
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 5.106 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU055795.D
 Acq: 18 Oct 2023 10:50

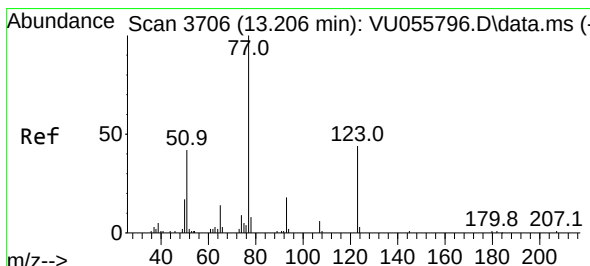
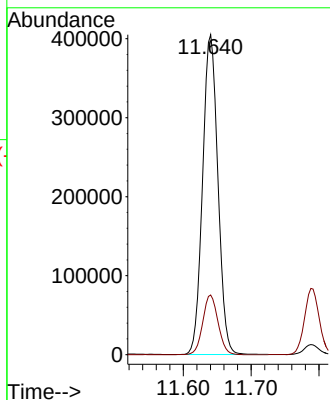
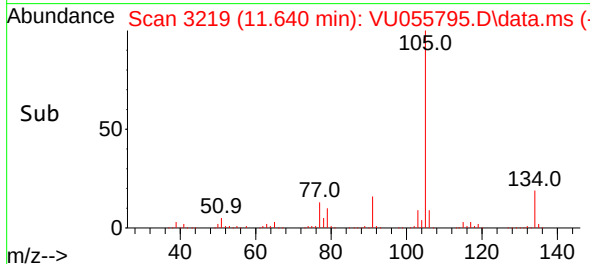
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



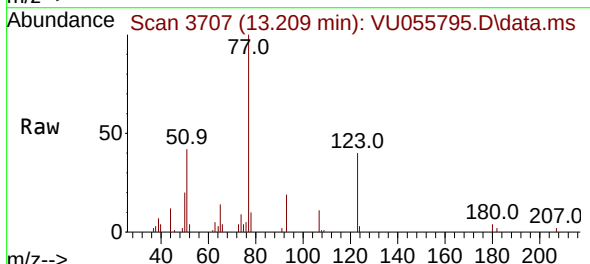
Tgt Ion:105 Resp: 63446
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.9 22.3

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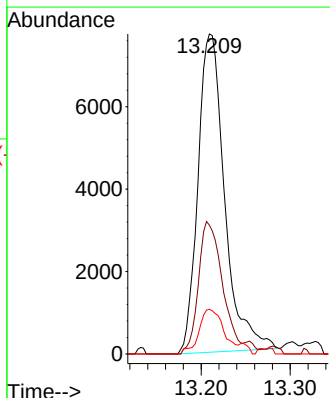
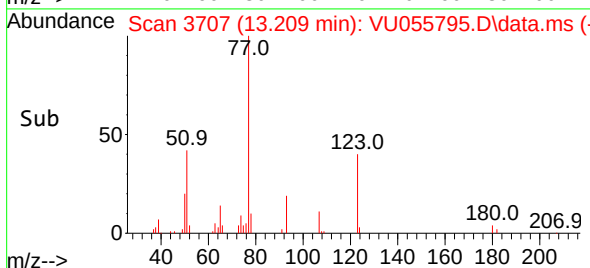
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/24/2023

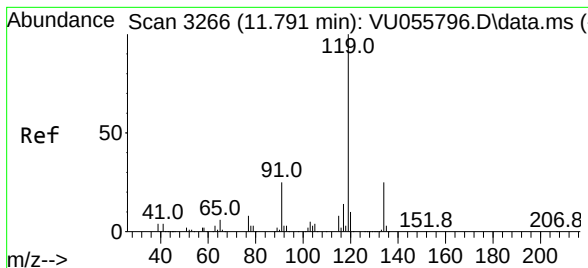


#80
 Nitrobenzene
 Concen: 24.036 ug/l
 RT: 13.209 min Scan# 3707
 Delta R.T. 0.003 min
 Lab File: VU055795.D
 Acq: 18 Oct 2023 10:50



Tgt Ion: 77 Resp: 16071
 Ion Ratio Lower Upper
 77 100
 123 34.0 19.7 69.7
 65 10.4 11.5 14.7#





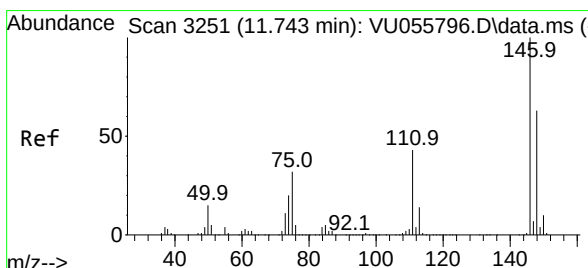
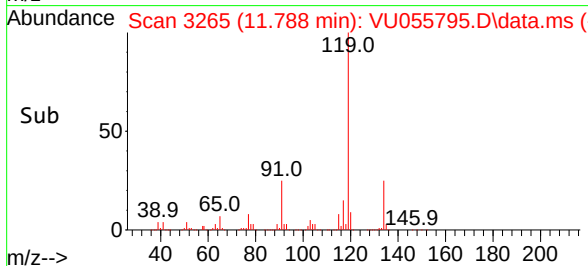
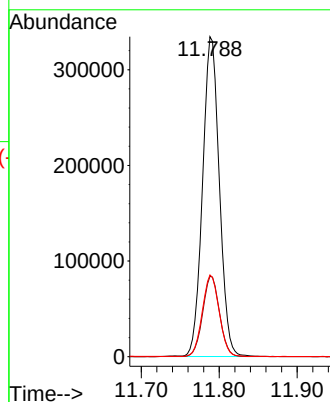
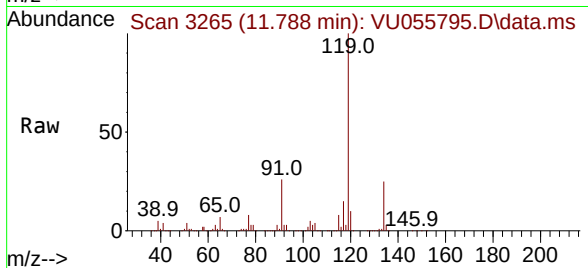
#81
p-Isopropyltoluene
Concen: 5.002 ug/l
RT: 11.788 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 500524
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 25.6 19.3 28.9

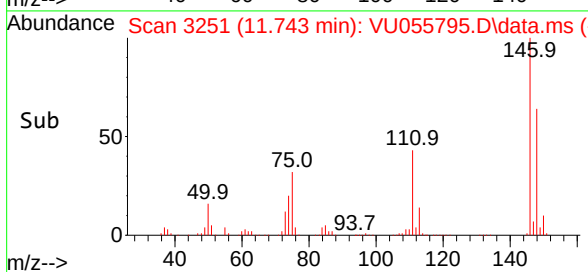
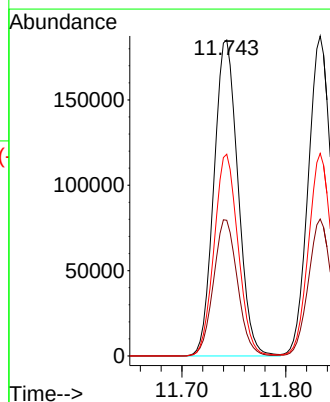
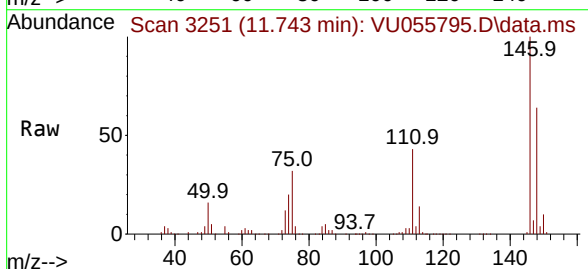
Manual Integrations
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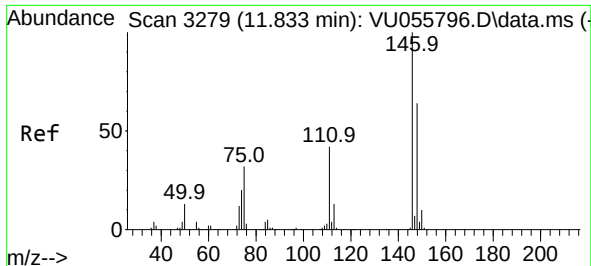
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#82
1,3-Dichlorobenzene
Concen: 4.872 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion:146 Resp: 298089
Ion Ratio Lower Upper
146 100
111 43.0 32.6 49.0
148 63.6 51.0 76.4





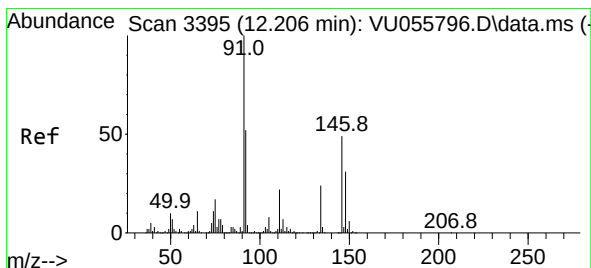
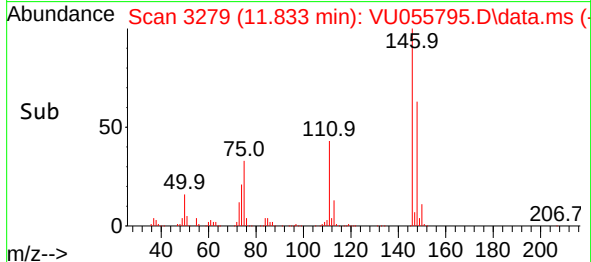
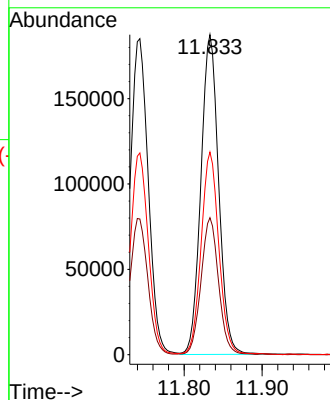
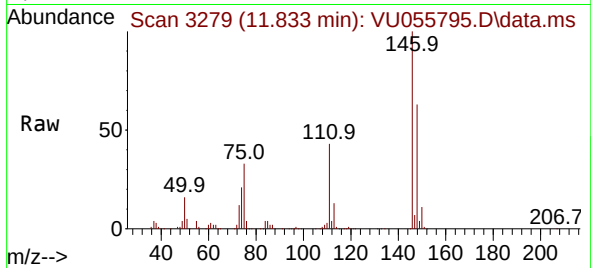
#83
1,4-Dichlorobenzene
Concen: 4.999 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 29598
Ion Ratio Lower Upper
146 100
111 42.1 31.6 47.4
148 63.7 50.3 75.5

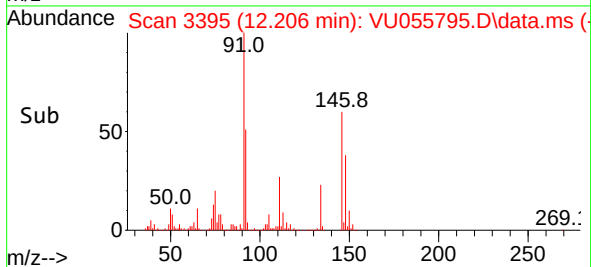
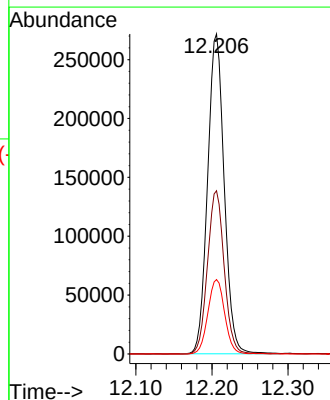
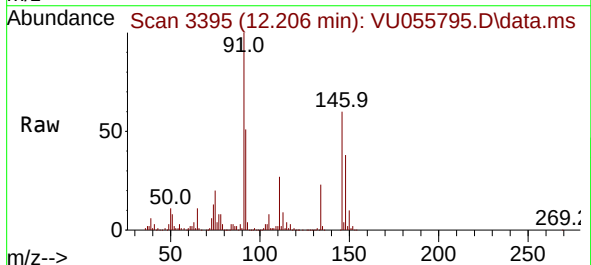
Manual Integrations
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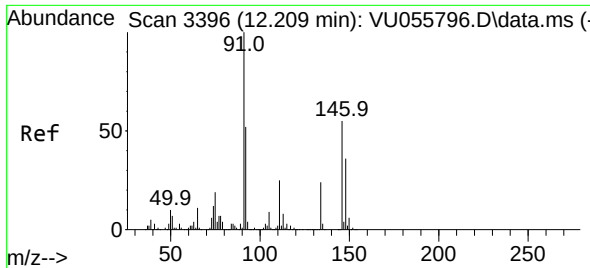
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#84
n-Butylbenzene
Concen: 4.831 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

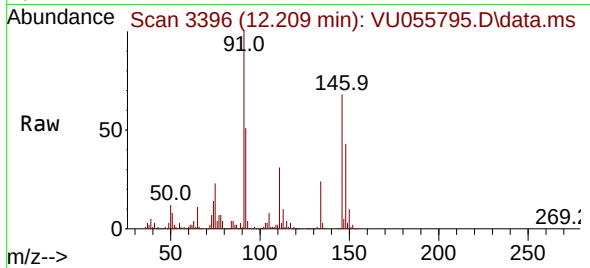
Tgt Ion: 91 Resp: 412181
Ion Ratio Lower Upper
91 100
92 51.4 40.8 61.2
134 23.5 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 4.932 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

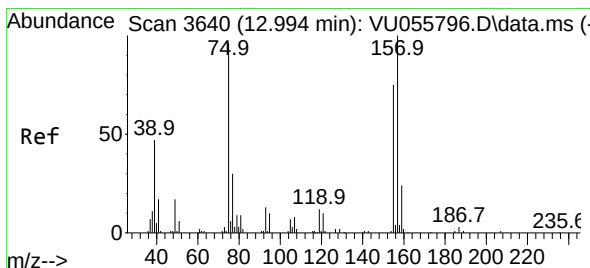
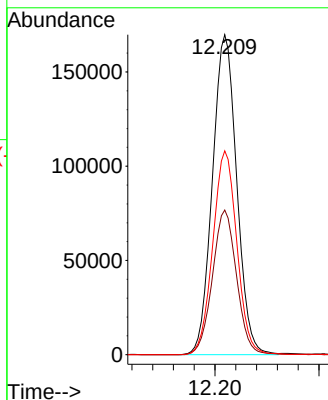
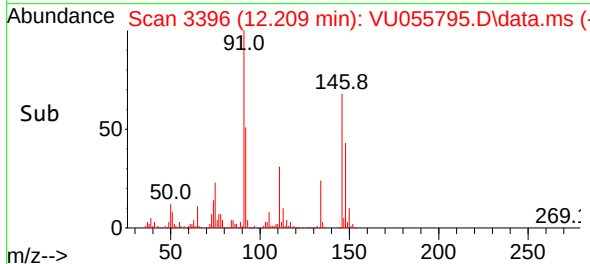
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



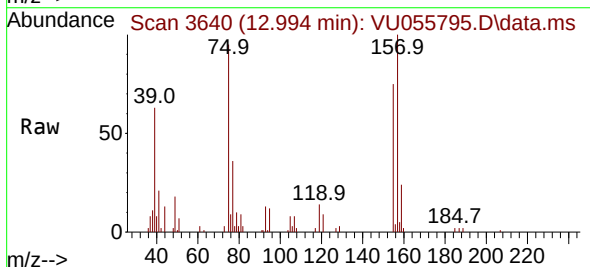
Tgt Ion:146 Resp: 275779
Ion Ratio Lower Upper
146 100
111 45.1 21.6 64.6
148 63.2 32.1 96.5

Manual Integrations
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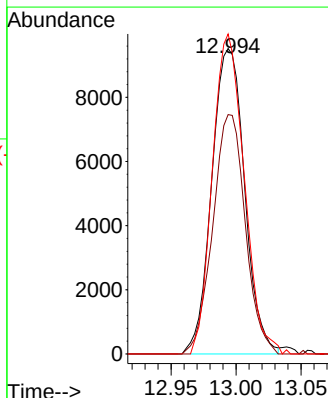
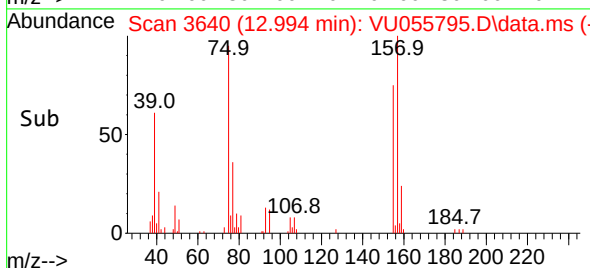
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023

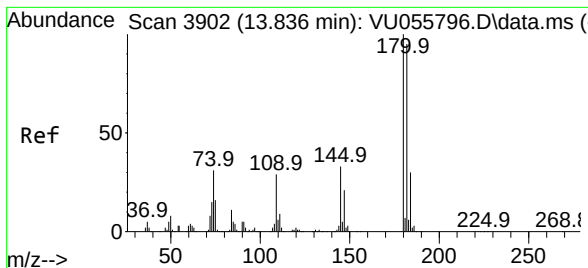


#86
1,2-Dibromo-3-Chloropropane
Concen: 4.850 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50



Tgt Ion: 75 Resp: 16738
Ion Ratio Lower Upper
75 100
155 77.5 61.8 92.8
157 100.9 80.2 120.4





#87

1,2,4-Trichlorobenzene

Concen: 4.967 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

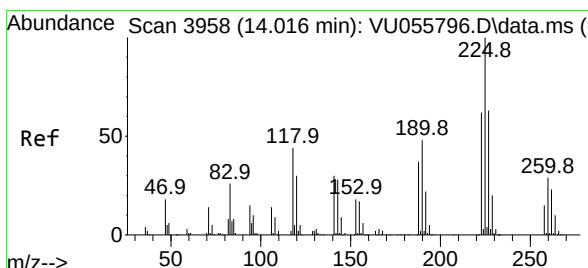
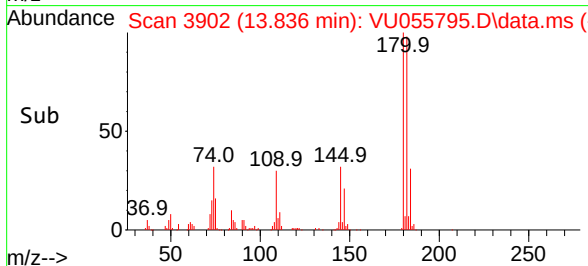
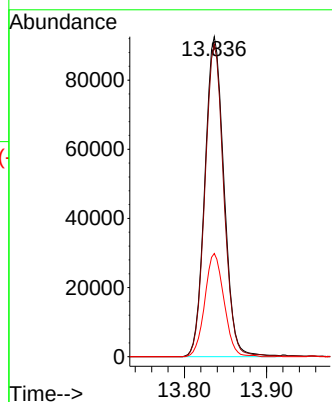
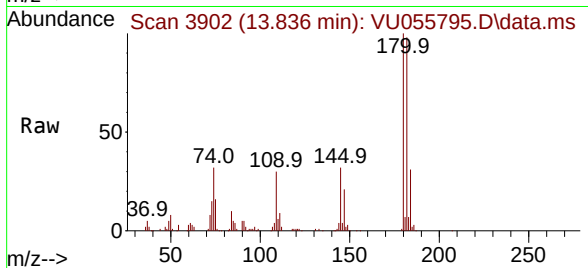
Tgt Ion:180	Resp: 15071
Ion Ratio	Lower Upper
180	100
182	95.5 75.8 113.6
145	32.2 23.9 35.9

Manual Integrations

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Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/24/2023



#88

Hexachlorobutadiene

Concen: 4.607 ug/l

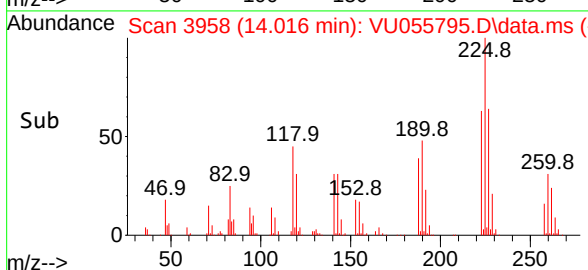
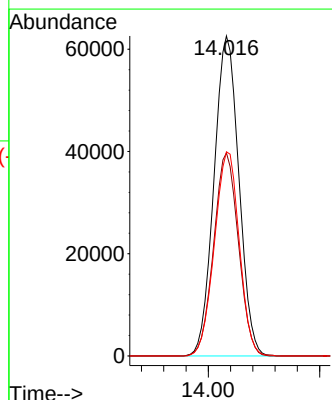
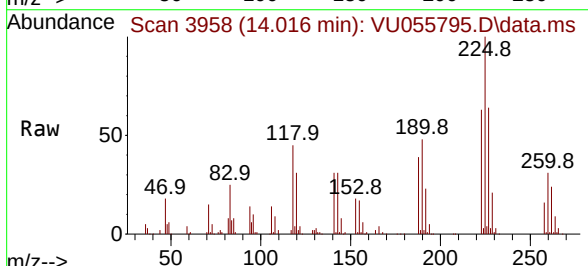
RT: 14.016 min Scan# 3958

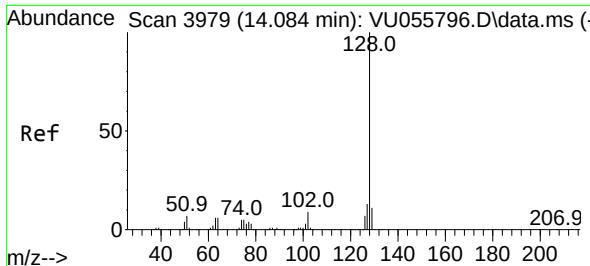
Delta R.T. 0.000 min

Lab File: VU055795.D

Acq: 18 Oct 2023 10:50

Tgt Ion:225	Resp: 97204
Ion Ratio	Lower Upper
225	100
223	63.0 50.2 75.4
227	63.7 51.5 77.3





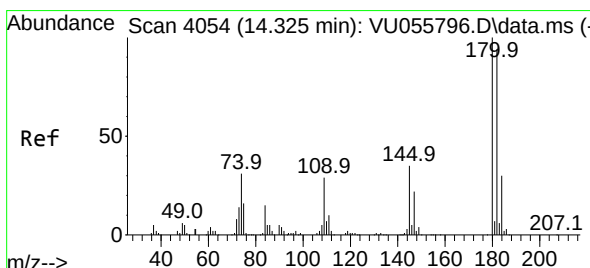
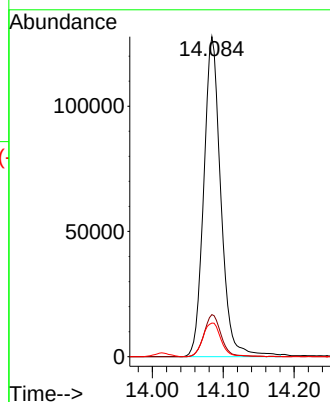
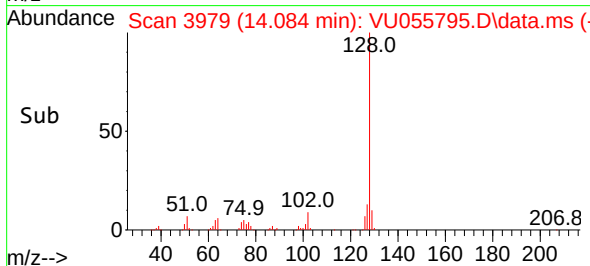
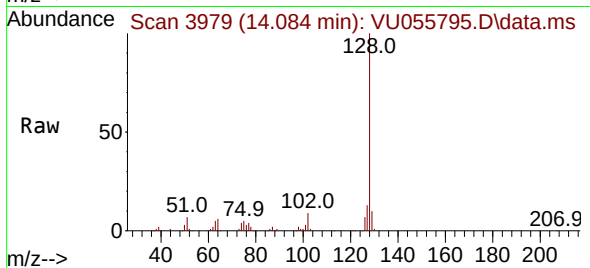
#89
Naphthalene
Concen: 4.637 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 21433
Ion Ratio Lower Upper
128 100
127 13.2 10.9 16.3
129 11.3 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/24/2023



#90
1,2,3-Trichlorobenzene
Concen: 5.003 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU055795.D
Acq: 18 Oct 2023 10:50

Tgt Ion:180 Resp: 130255
Ion Ratio Lower Upper
180 100
182 96.5 75.7 113.5
145 34.8 26.1 39.1

