

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091123\
 Data File : VU055239.D
 Acq On : 11 Sep 2023 16:52
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 09:01:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Sep 12 08:56:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	57433	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	21643	0.971	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	22952	1.056	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	196583	9.890	ug/l	100
3) Chloromethane	1.515	50	196137	9.433	ug/l	98
4) Vinyl Chloride	1.599	62	203560	9.349	ug/l	100
5) Bromomethane	1.846	94	157602	9.174	ug/l	98
6) Chloroethane	1.927	64	139295	10.103	ug/l	99
7) Trichlorofluoromethane	2.132	101	305875	10.114	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	149650	9.769	ug/l	98
9) 1,1-Dichloroethene	2.576	96	137465	9.809	ug/l	97
10) Iodomethane	2.718	142	208419	11.590	ug/l	96
11) Allyl Chloride	2.917	41	175709	10.029	ug/l	# 82
12) Acrylonitrile	3.312	53	58739	22.053	ug/l	94
13) Acetone	2.624	43	185987	40.282	ug/l	95
14) Carbon Disulfide	2.788	76	441051	9.712	ug/l	100
15) Methylene Chloride	3.039	84	166119	9.903	ug/l	96
16) trans-1,2-Dichloroethene	3.348	96	157076	9.403	ug/l	98
17) 1,1-Dichloroethane	3.865	63	302520	9.509	ug/l	100
18) 2-Butanone	4.698	43	245436	46.612	ug/l	98
19) Cyclohexane	5.386	56	241071	10.261	ug/l	87
20) Methylcyclohexane	6.759	83	306493	10.495	ug/l	95
21) 2,2-Dichloropropane	4.660	77	240588	9.390	ug/l	100
22) cis-1,2-Dichloroethene	4.660	96	177712	8.316	ug/l	99
23) Diethyl Ether	2.374	59	124827	10.930	ug/l	96
24) tert-Butyl Alcohol	3.348	59	10047	11.323	ug/l	# 1
25) Methyl tert-Butyl Ether	3.357	73	339806	10.519	ug/l	100
26) Bromochloromethane	4.972	128	73269	9.418	ug/l	99
27) Chloroform	5.084	83	316513	9.407	ug/l	99
28) 1,1,1-Trichloroethane	5.312	97	278512	9.620	ug/l	99
29) 1,1-Dichloropropene	5.525	75	243743	10.145	ug/l	98
30) Carbon Tetrachloride	5.521	117	242034	9.619	ug/l	98
31) Isopropyl Ether	3.988	45	410176	9.816	ug/l	100
32) Ethyl-t-butyl ether	4.499	59	407054	10.078	ug/l	98
33) Tert-Amyl methyl ether	5.936	73	396704	11.152	ug/l	98
34) Propionitrile	4.772	54	54444	57.134	ug/l	# 18
35) Benzene	5.772	78	731931	10.312	ug/l	100
36) 1,2-Dichloroethane	5.791	62	211726	10.689	ug/l	99
37) Trichloroethene	6.541	130	196932	9.496	ug/l	97
38) 1,2-Dichloropropane	6.788	63	191319	10.273	ug/l	98
39) Methacrylonitrile	4.968	41	41575	10.941	ug/l	93
40) Methyl acrylate	4.843	55	73818	11.996	ug/l	99
41) Tetrahydrofuran	5.055	42	43216	20.501	ug/l	94
42) 1-Chlorobutane	5.454	56	326967	10.552	ug/l	100
43) Dibromomethane	6.917	93	92463	10.500	ug/l	98
44) Bromodichloromethane	7.103	83	237098	10.395	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091123\
 Data File : VU055239.D
 Acq On : 11 Sep 2023 16:52
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 09:01:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Sep 12 08:56:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	474412	56.795	ug/l	98
46) t-1,4-Dichloro-2-butene	10.833	75	67716m	21.696	ug/l	
47) Methyl methacrylate	6.959	69	158761	23.462	ug/l	98
48) Ethyl methacrylate	8.332	69	152861	11.632	ug/l	98
49) Toluene	7.968	92	462601	10.746	ug/l	96
50) t-1,3-Dichloropropene	8.209	75	210266	10.958	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	260682	10.824	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	129886	10.451	ug/l	98
53) 1,3-Dichloropropane	8.573	76	229579	10.897	ug/l	100
54) 2-Hexanone	8.682	43	401108	50.120	ug/l	99
55) Dibromochloromethane	8.807	129	147388	10.524	ug/l	97
56) 1,2-Dibromoethane	8.920	107	121287	10.728	ug/l	98
58) Tetrachloroethene	8.550	164	220319	9.831	ug/l	96
59) Chlorobenzene	9.444	112	500778	10.383	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	167493	10.489	ug/l	97
61) Pentachloroethane	11.421	117	72489	9.740	ug/l	92
62) Hexachloroethane	12.473	117	133133	10.907	ug/l	93
63) Ethyl Benzene	9.569	91	889917	10.917	ug/l	98
64) m/p-Xylenes	9.692	106	702011	22.224	ug/l	98
65) o-Xylene	10.100	106	334521	10.922	ug/l	100
66) Styrene	10.113	104	554940	11.599	ug/l	98
67) Bromoform	10.290	173	79268	11.188	ug/l	97
69) Isopropylbenzene	10.483	105	880533	10.991	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.782	83	137374	10.882	ug/l	99
71) 1,2,3-Trichloropropane	10.823	75	96442m	8.545	ug/l	
72) Bromobenzene	10.782	156	195955	10.645	ug/l	98
73) n-propylbenzene	10.904	120	244735	11.253	ug/l	96
74) 2-Chlorotoluene	10.984	126	208845	10.755	ug/l	99
75) 1,3,5-Trimethylbenzene	11.087	105	782615	11.360	ug/l	100
76) 4-Chlorotoluene	11.097	126	218947	10.981	ug/l	100
77) tert-Butylbenzene	11.418	119	670743	11.010	ug/l	96
78) 1,2,4-Trimethylbenzene	11.466	105	803152	11.504	ug/l	99
79) sec-Butylbenzene	11.640	105	1001727	11.295	ug/l	98
80) Nitrobenzene	13.206	77	16218	53.713	ug/l #	96
81) p-Isopropyltoluene	11.791	119	823212	11.493	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	414903	10.503	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	421281	10.887	ug/l	100
84) n-Butylbenzene	12.206	91	730635	11.226	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	387427	10.695	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	23543	11.276	ug/l	99
87) 1,2,4-Trichlorobenzene	13.839	180	227580	10.891	ug/l	99
88) Hexachlorobutadiene	14.019	225	130226	9.747	ug/l	99
89) Naphthalene	14.084	128	359897	12.064	ug/l	99
90) 1,2,3-Trichlorobenzene	14.328	180	201756	11.137	ug/l	98

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

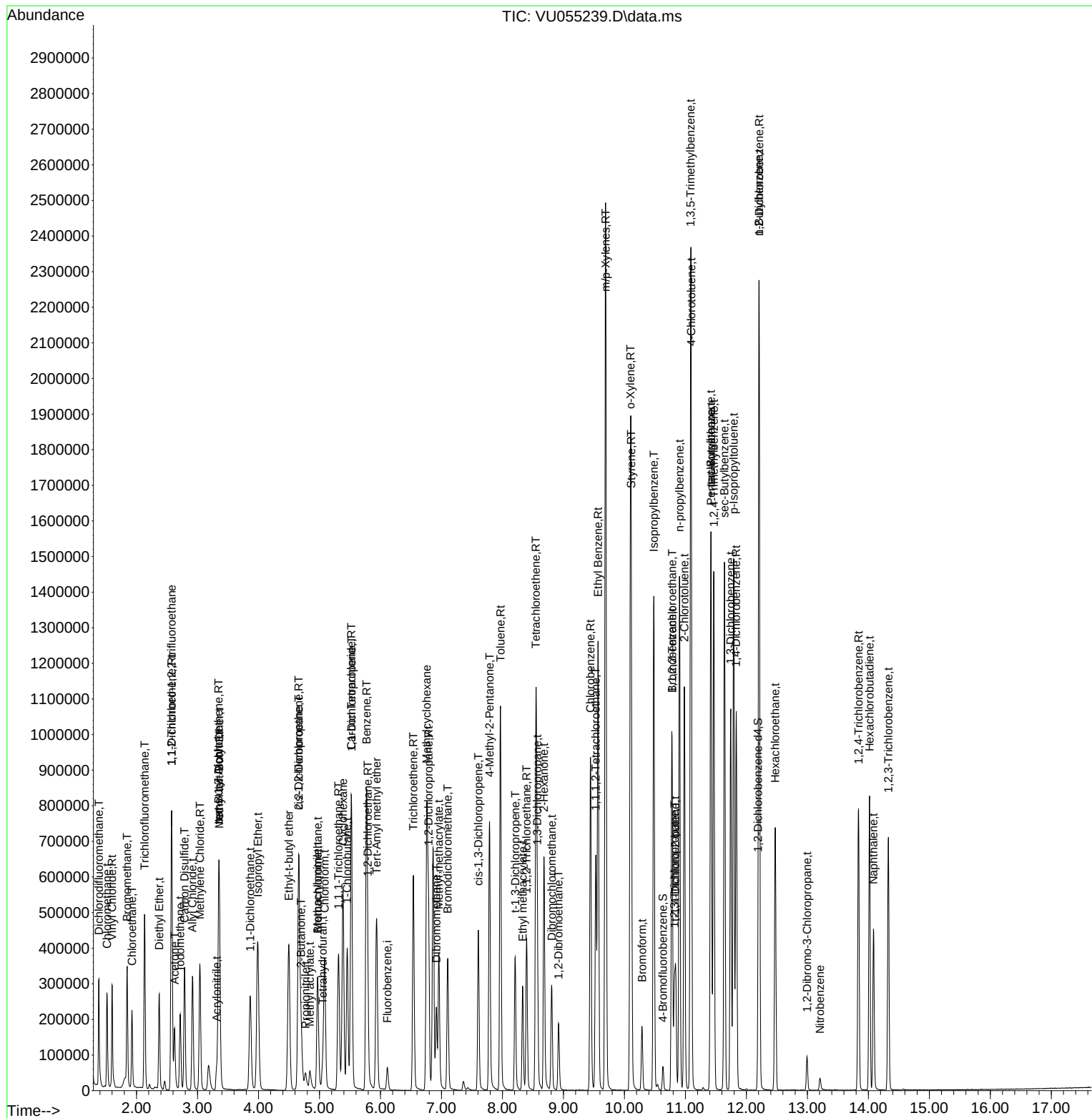
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091123\
Data File : VU055239.D
Acq On : 11 Sep 2023 16:52
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

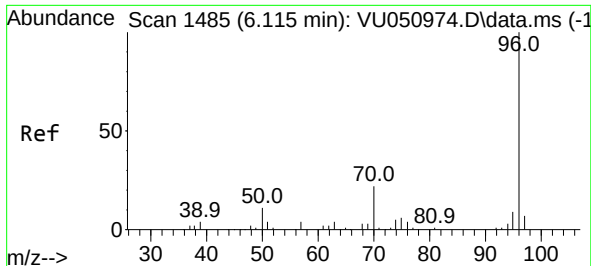
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 09:01:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091123DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Sep 12 08:56:31 2023
Response via : Initial Calibration





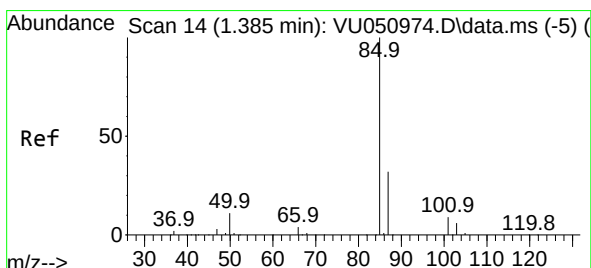
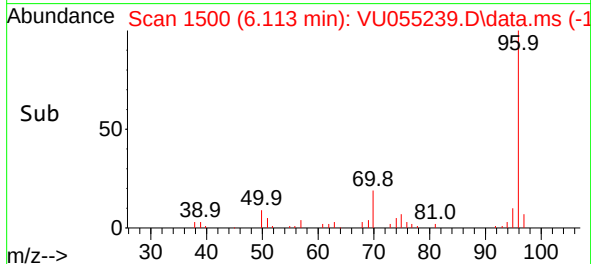
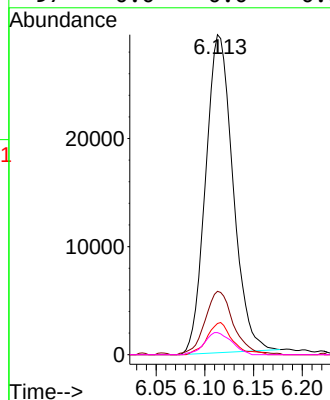
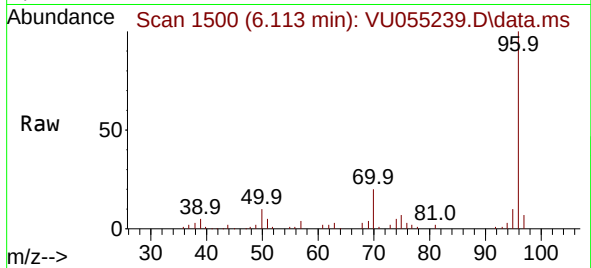
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96	Resp: 5743
Ion Ratio	Lower Upper
96 100	
70 20.7	16.5 24.7
95 9.3	7.4 11.0
97 0.0	0.0 0.0

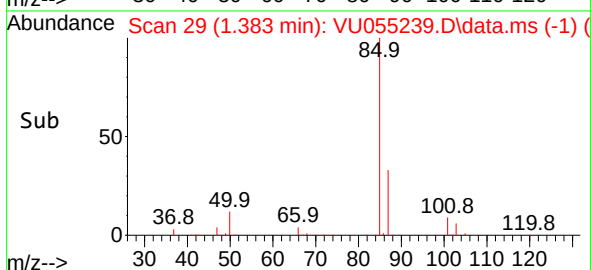
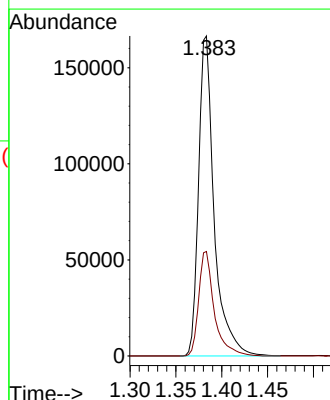
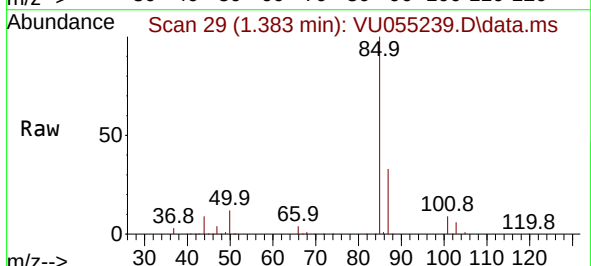
Manual Integrations
APPROVED

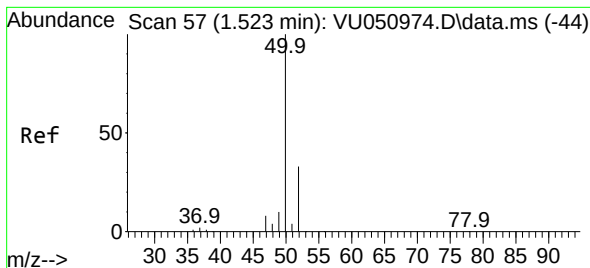
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#2
Dichlorodifluoromethane
Concen: 9.890 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Tgt Ion: 85	Resp: 196583
Ion Ratio	Lower Upper
85 100	
87 32.7	16.2 48.6





#3

Chloromethane

Concen: 9.433 ug/l

RT: 1.515 min Scan# 70

Delta R.T. -0.008 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 50 Resp: 19613

Ion Ratio Lower Upper

50 100

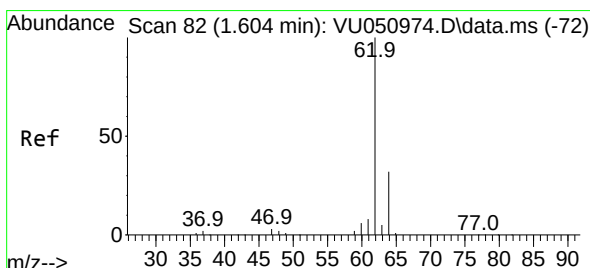
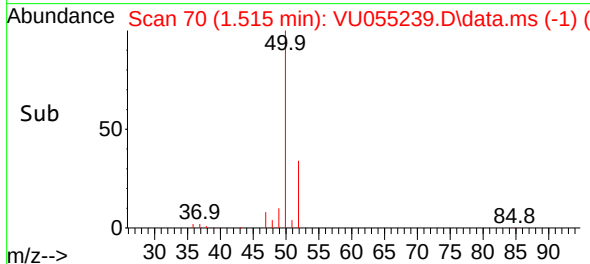
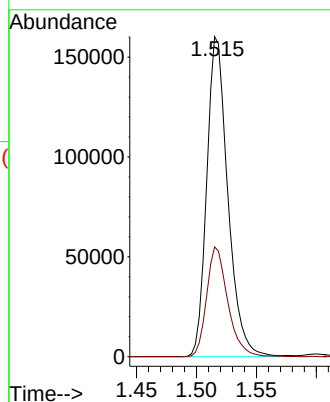
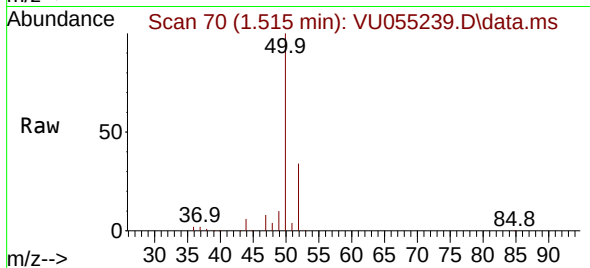
52 34.3 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#4

Vinyl Chloride

Concen: 9.349 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.005 min

Lab File: VU055239.D

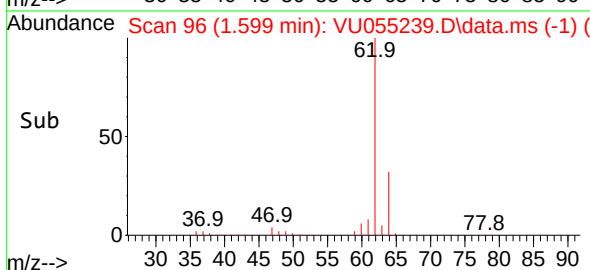
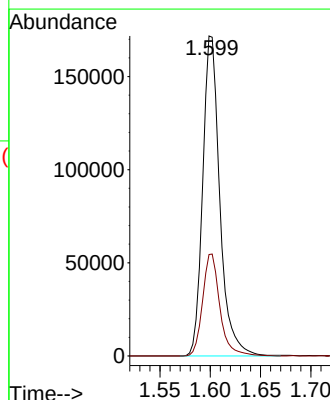
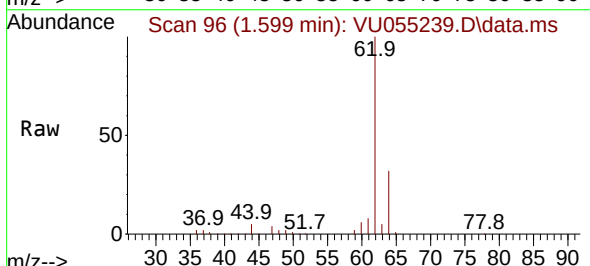
Acq: 11 Sep 2023 16:52

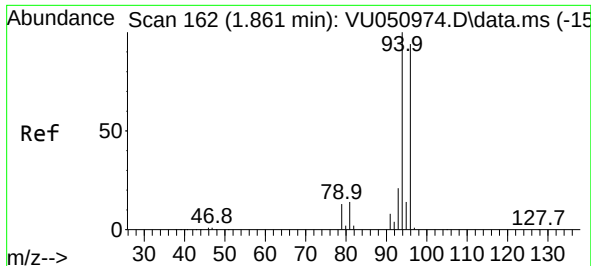
Tgt Ion: 62 Resp: 203560

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





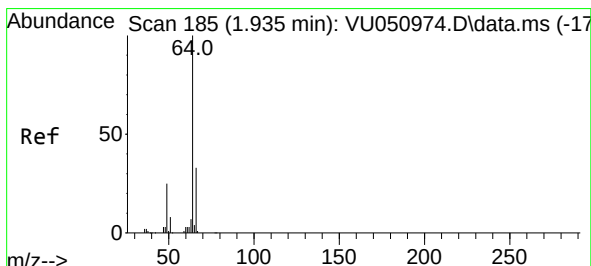
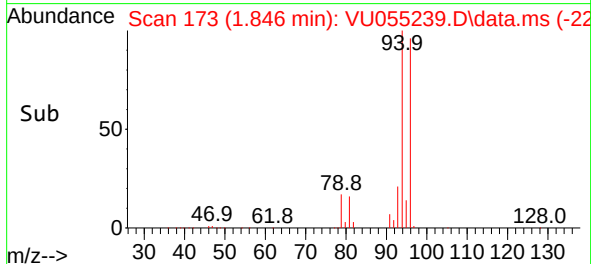
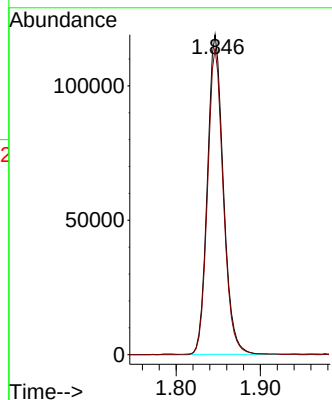
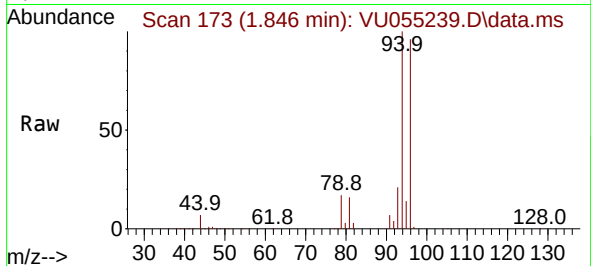
#5
Bromomethane
Concen: 9.174 ug/l
RT: 1.846 min Scan# 11
Delta R.T. -0.015 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 94 Resp: 157602
Ion Ratio Lower Upper
94 100
96 95.8 75.4 113.2

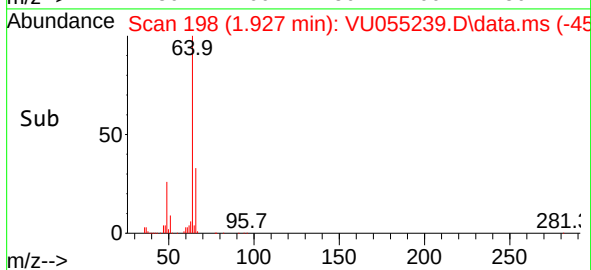
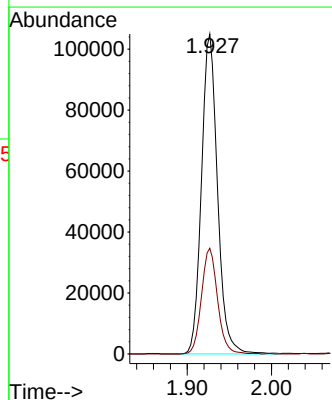
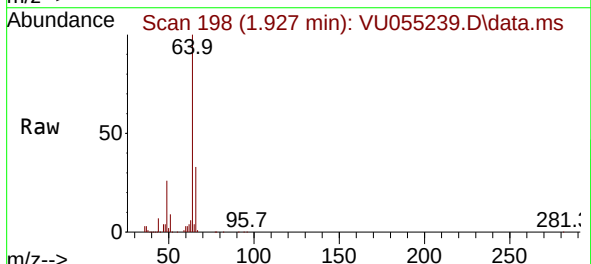
Manual Integrations
APPROVED

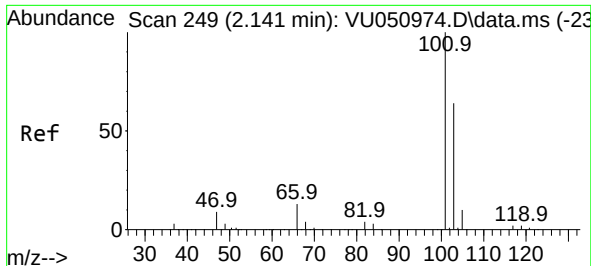
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#6
Chloroethane
Concen: 10.103 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.008 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

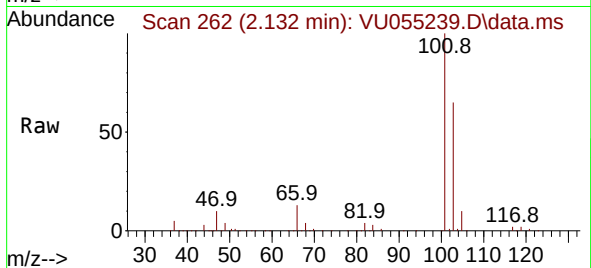
Tgt Ion: 64 Resp: 139295
Ion Ratio Lower Upper
64 100
66 33.0 26.0 39.0





#7
Trichlorofluoromethane
Concen: 10.114 ug/l
RT: 2.132 min Scan# 20
Delta R.T. -0.009 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

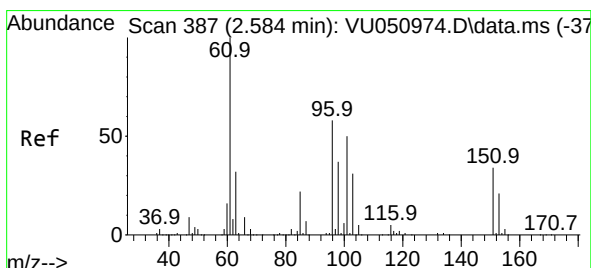
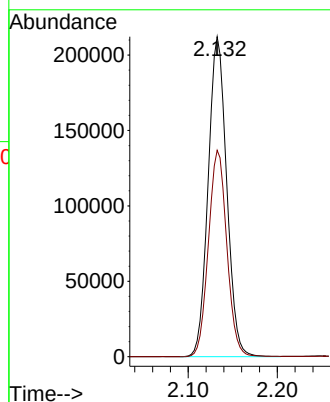
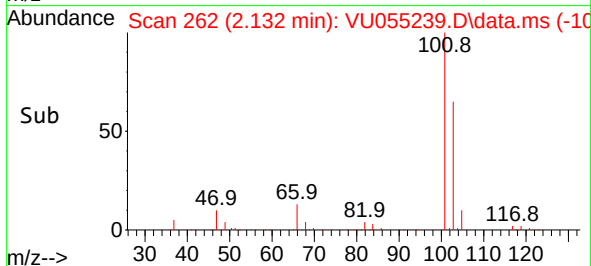
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 30587
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

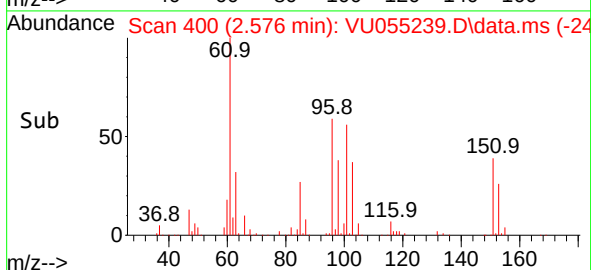
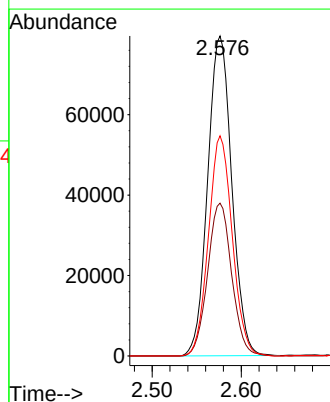
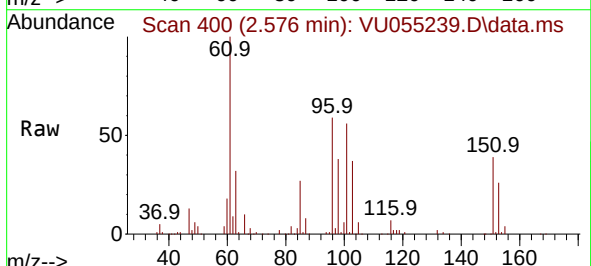
Manual Integrations
APPROVED

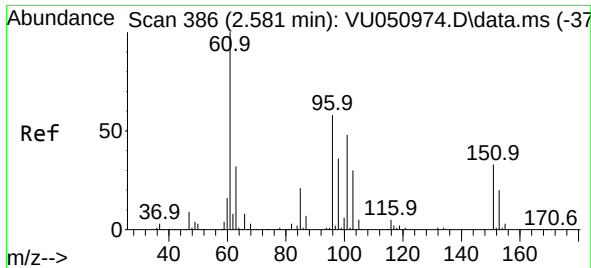
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.769 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.008 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

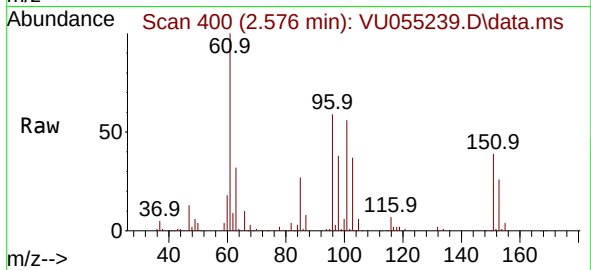
Tgt Ion:101 Resp: 149650
Ion Ratio Lower Upper
101 100
85 47.6 35.4 53.0
151 68.0 54.0 81.0





#9
1,1-Dichloroethene
Concen: 9.809 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.005 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

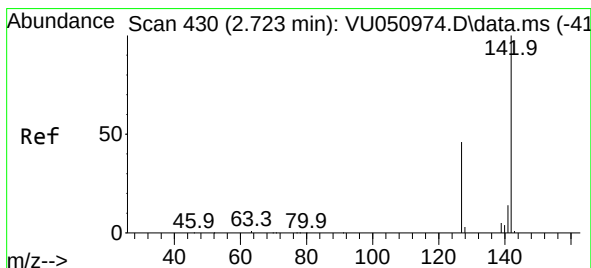
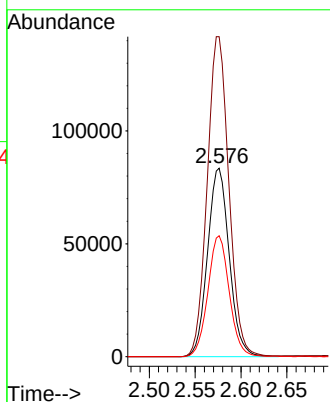
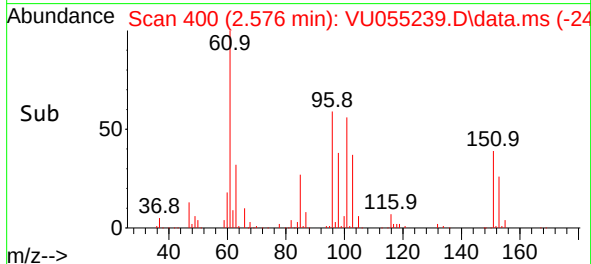
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



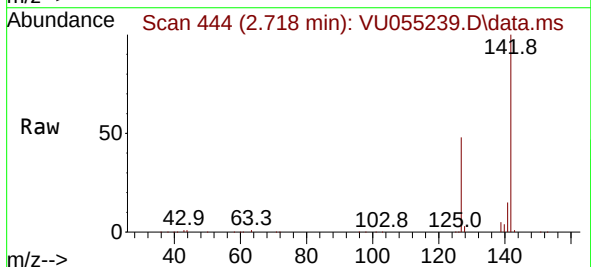
Tgt Ion: 96 Resp: 13746
Ion Ratio Lower Upper
96 100
61 169.8 0.0 521.4
98 64.2 0.0 125.8

Manual Integrations
APPROVED

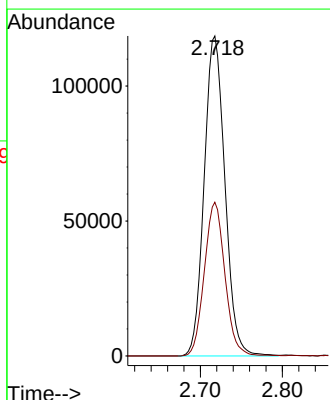
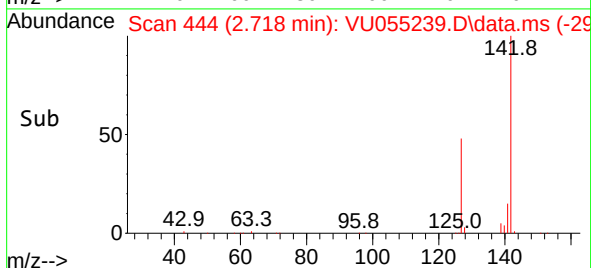
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

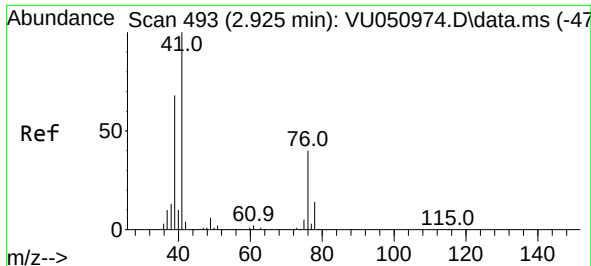


#10
Iodomethane
Concen: 11.590 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.005 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52



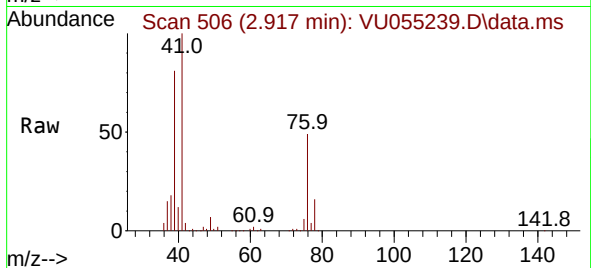
Tgt Ion:142 Resp: 208419
Ion Ratio Lower Upper
142 100
127 47.7 35.9 53.9





#11
 Allyl Chloride
 Concen: 10.029 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. -0.008 min
 Lab File: VU055239.D
 Acq: 11 Sep 2023 16:52

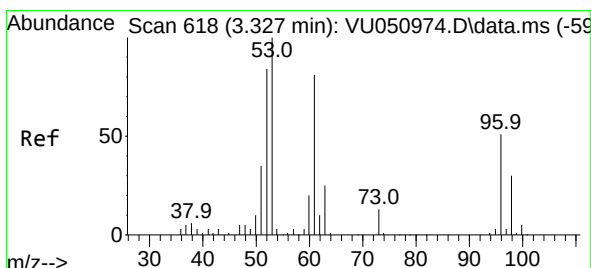
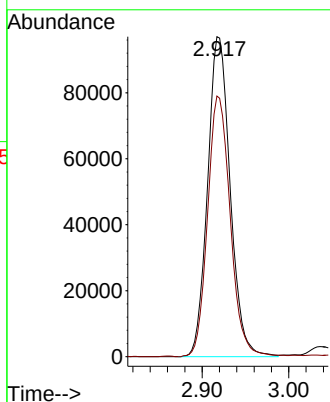
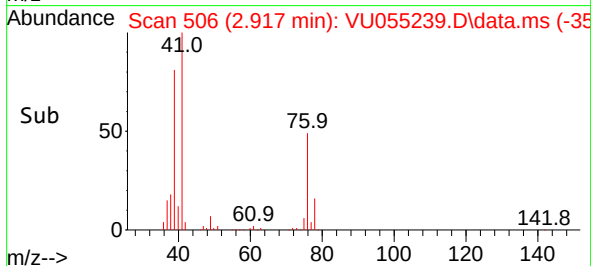
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



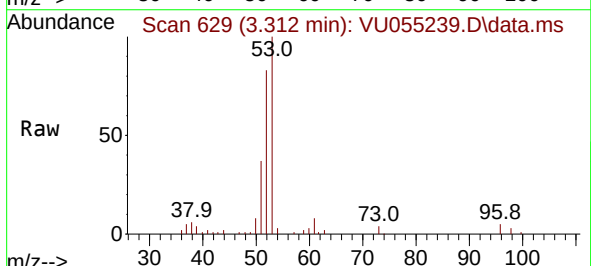
Tgt Ion: 41 Resp: 175709
 Ion Ratio Lower Upper
 41 100
 39 81.9 54.2 81.2

Manual Integrations
 APPROVED

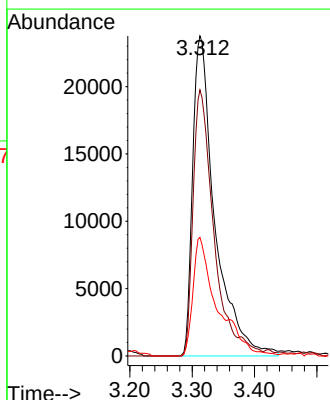
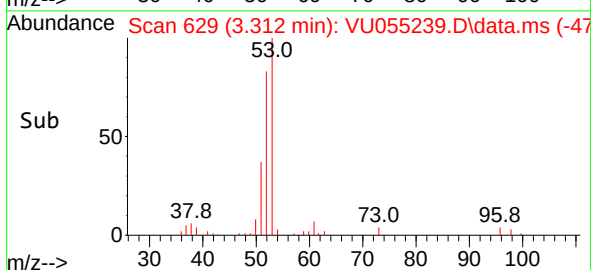
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

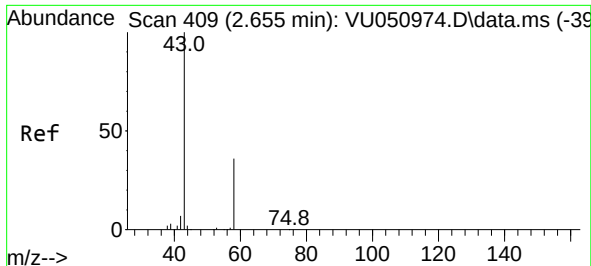


#12
 Acrylonitrile
 Concen: 22.053 ug/l
 RT: 3.312 min Scan# 629
 Delta R.T. -0.015 min
 Lab File: VU055239.D
 Acq: 11 Sep 2023 16:52



Tgt Ion: 53 Resp: 58739
 Ion Ratio Lower Upper
 53 100
 52 74.5 62.9 94.3
 51 40.5 27.8 41.6





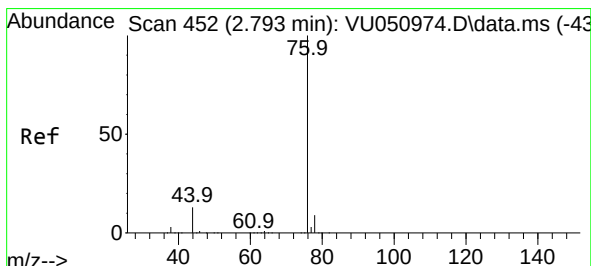
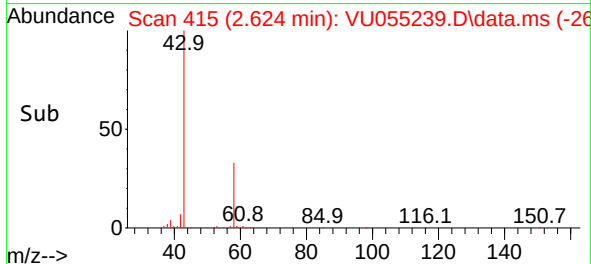
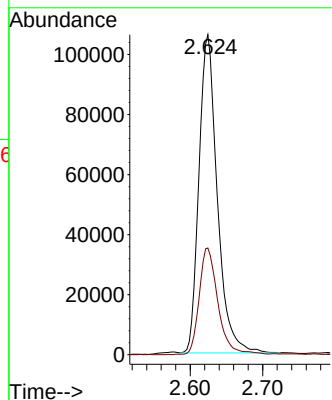
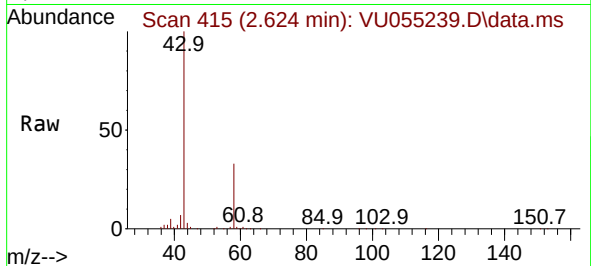
#13
Acetone
Concen: 40.282 ug/l
RT: 2.624 min Scan# 415
Delta R.T. -0.031 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 18598
Ion Ratio Lower Upper
43 100
58 33.4 29.0 43.4

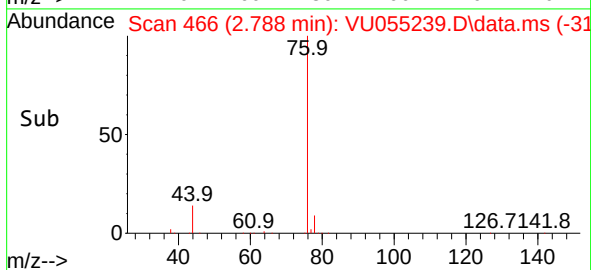
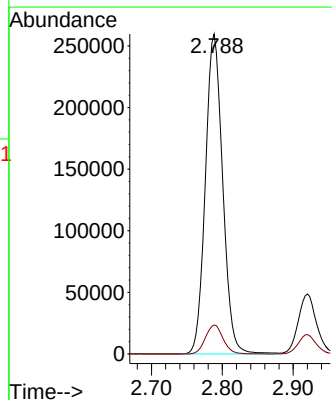
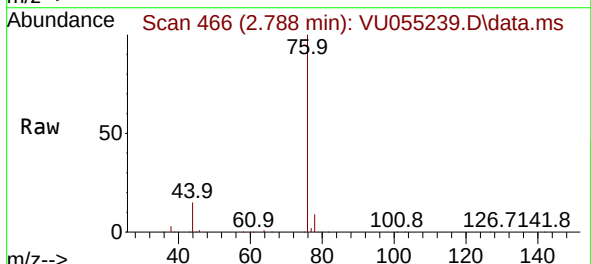
Manual Integrations
APPROVED

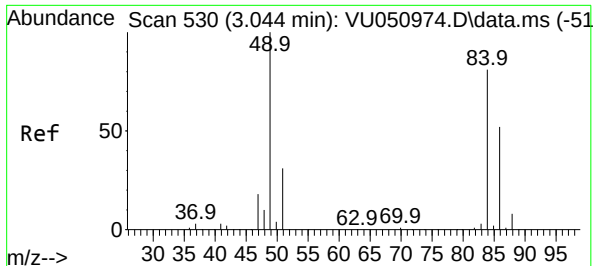
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#14
Carbon Disulfide
Concen: 9.712 ug/l
RT: 2.788 min Scan# 466
Delta R.T. -0.005 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Tgt Ion: 76 Resp: 441051
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#15

Methylene Chloride

Concen: 9.903 ug/l

RT: 3.039 min Scan# 54

Delta R.T. -0.005 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 84 Resp: 166119

Ion Ratio Lower Upper

84 100

49 117.4 98.9 148.3

51 36.0 0.0 75.4

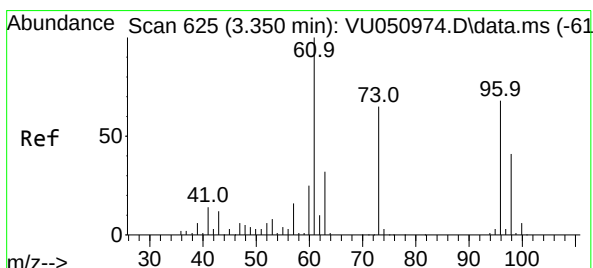
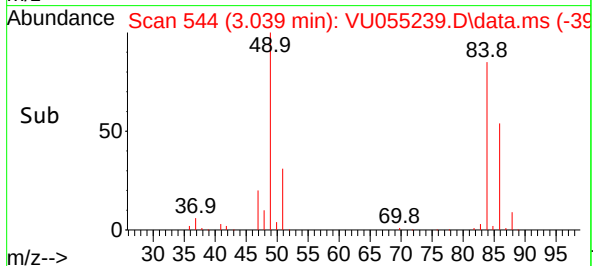
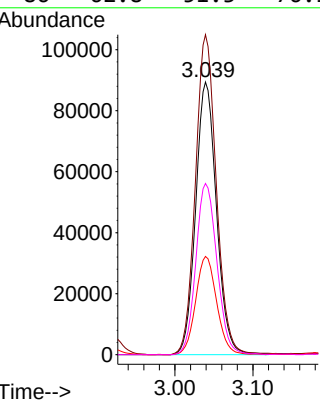
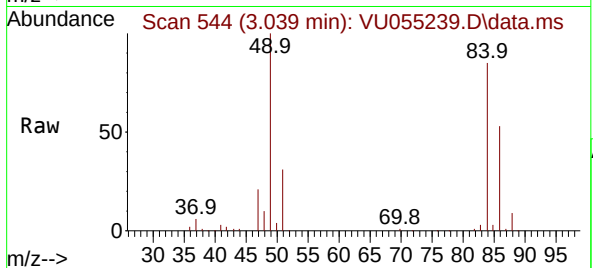
86 62.8 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#16

trans-1,2-Dichloroethene

Concen: 9.403 ug/l

RT: 3.348 min Scan# 640

Delta R.T. -0.002 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

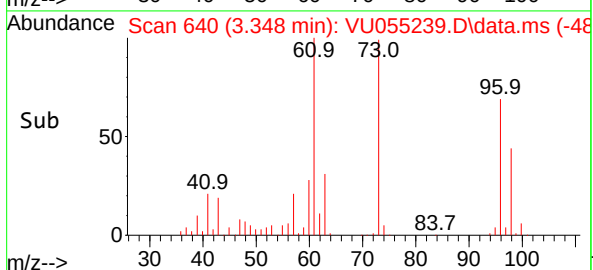
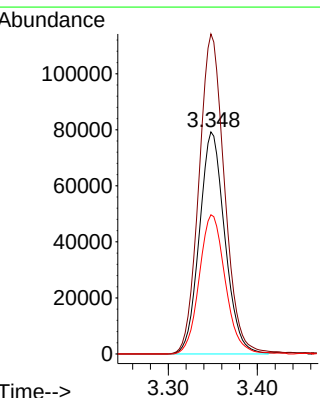
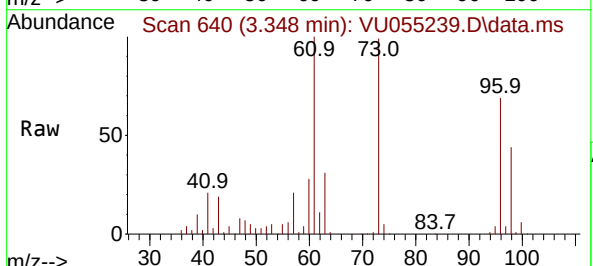
Tgt Ion: 96 Resp: 157076

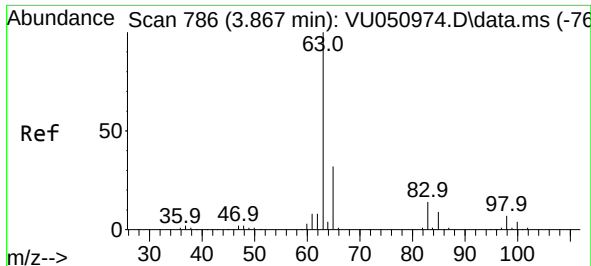
Ion Ratio Lower Upper

96 100

61 144.1 117.5 176.3

98 62.7 48.3 72.5





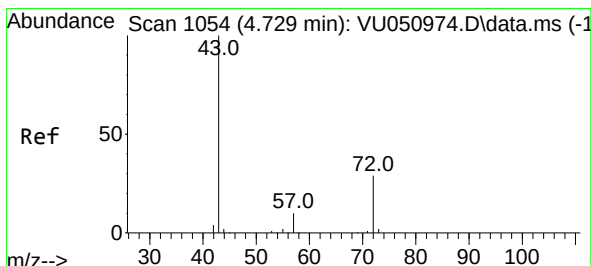
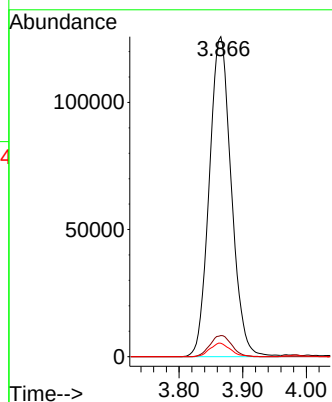
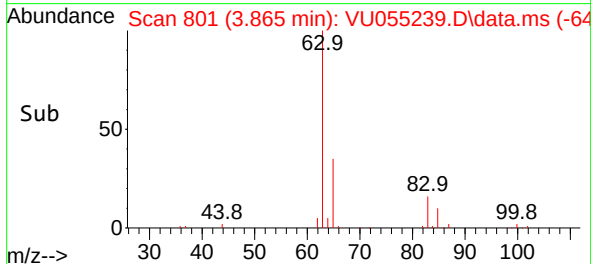
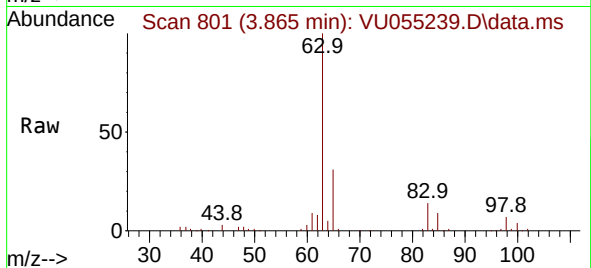
#17
1,1-Dichloroethane
Concen: 9.509 ug/l
RT: 3.865 min Scan# 801
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 302520
Ion Ratio Lower Upper
63 100
98 6.6 3.4 10.1
100 4.2 2.2 6.6

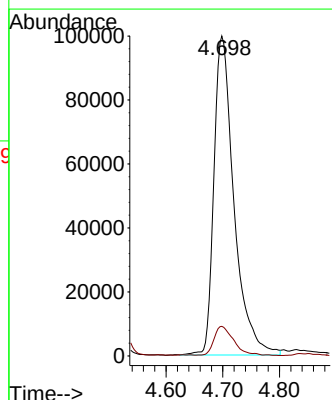
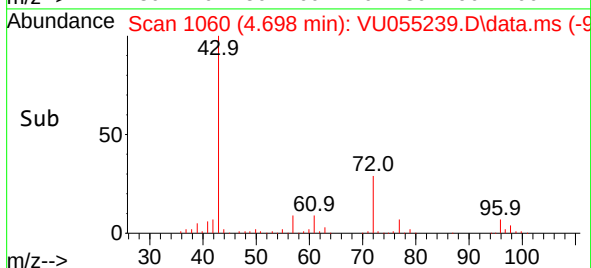
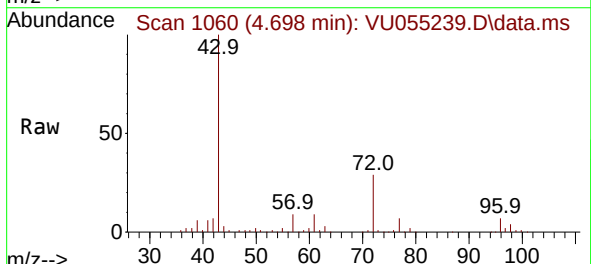
Manual Integrations
APPROVED

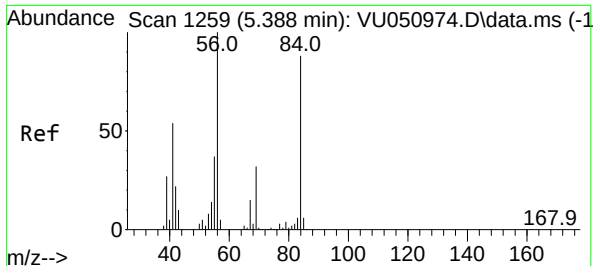
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#18
2-Butanone
Concen: 46.612 ug/l
RT: 4.698 min Scan# 1060
Delta R.T. -0.031 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Tgt Ion: 43 Resp: 245436
Ion Ratio Lower Upper
43 100
57 9.1 0.0 19.6





#19

Cyclohexane

Concen: 10.261 ug/l

RT: 5.386 min Scan# 11

Delta R.T. -0.002 min

Lab File: VU055239.D

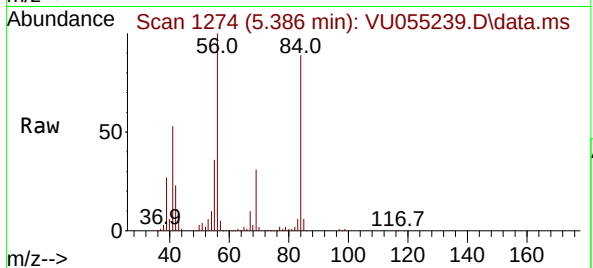
Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 56 Resp: 24107

Ion Ratio Lower Upper

56 100

69 36.2 24.6 37.0

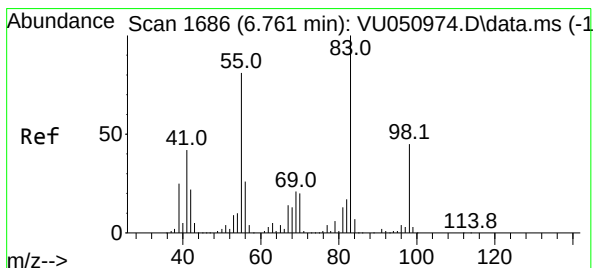
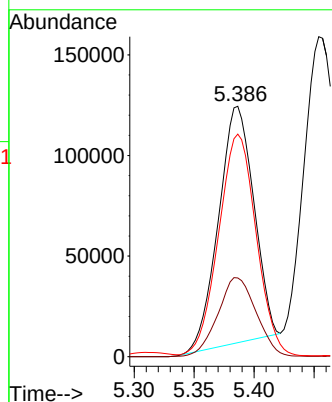
84 98.9 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#20

Methylcyclohexane

Concen: 10.495 ug/l

RT: 6.759 min Scan# 1701

Delta R.T. -0.002 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

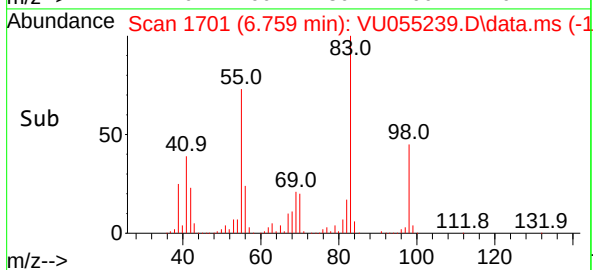
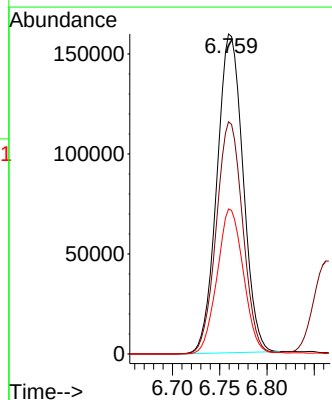
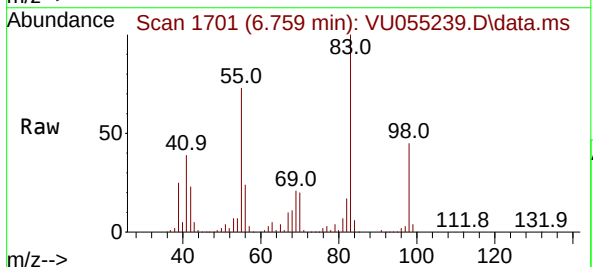
Tgt Ion: 83 Resp: 306493

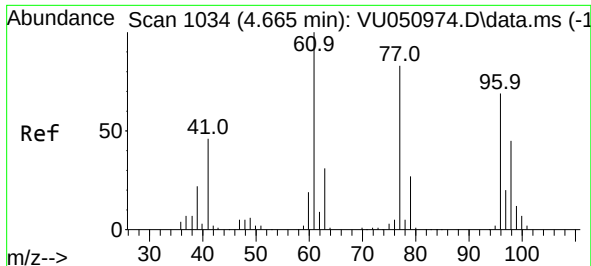
Ion Ratio Lower Upper

83 100

55 73.1 63.5 95.3

98 45.5 36.0 54.0





#21

2,2-Dichloropropane

Concen: 9.390 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. -0.005 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 77 Resp: 24058

Ion Ratio Lower Upper

77 100

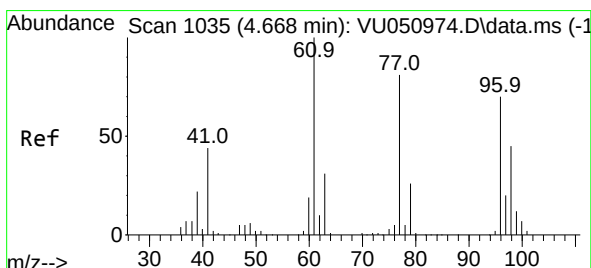
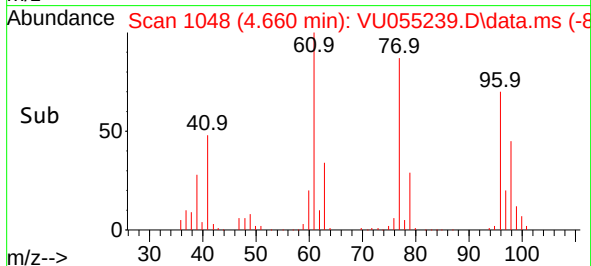
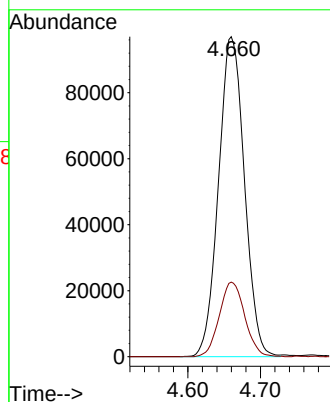
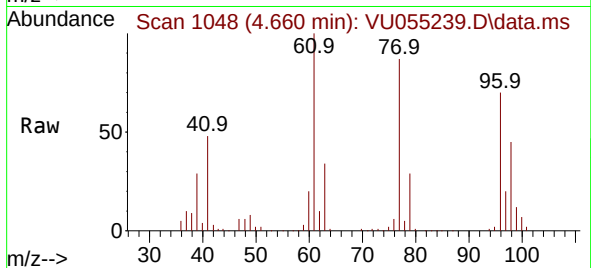
97 22.9 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#22

cis-1,2-Dichloroethene

Concen: 8.316 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. -0.008 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

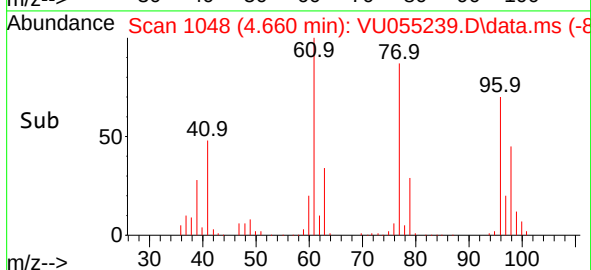
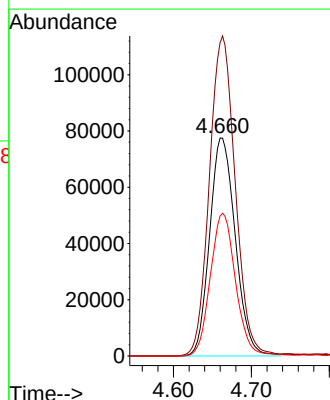
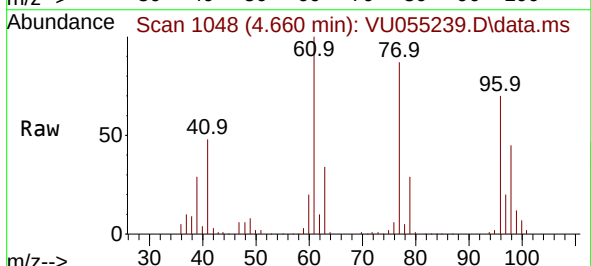
Tgt Ion: 96 Resp: 177712

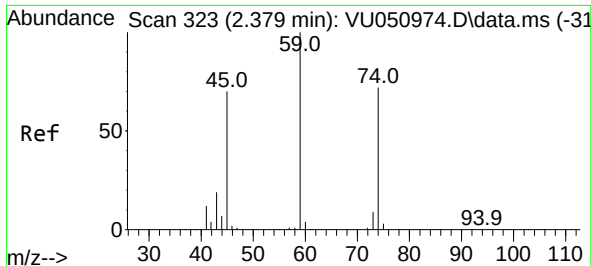
Ion Ratio Lower Upper

96 100

61 147.4 0.0 365.8

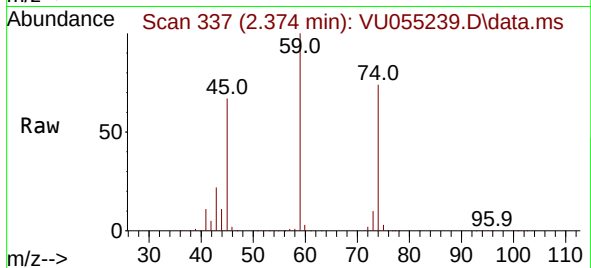
98 64.3 32.0 96.0





#23
Diethyl Ether
Concen: 10.930 ug/l
RT: 2.374 min Scan# 31
Delta R.T. -0.005 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

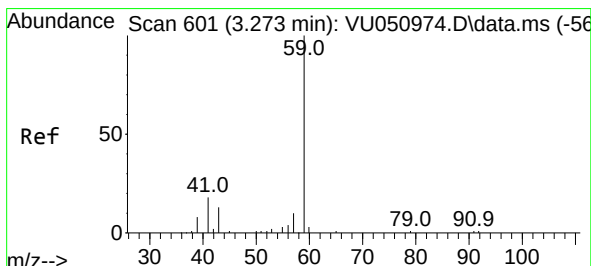
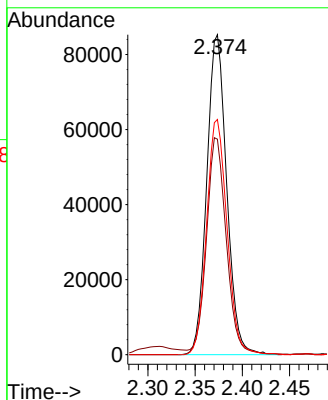
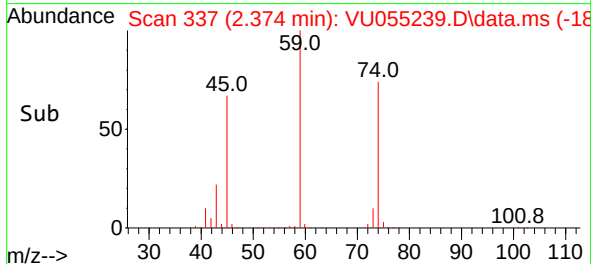
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 12482
Ion Ratio Lower Upper
59 100
45 67.8 56.1 84.1
74 75.7 57.4 86.2

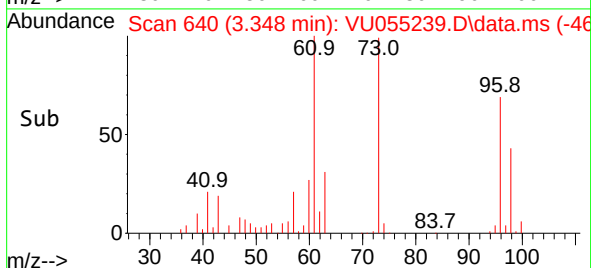
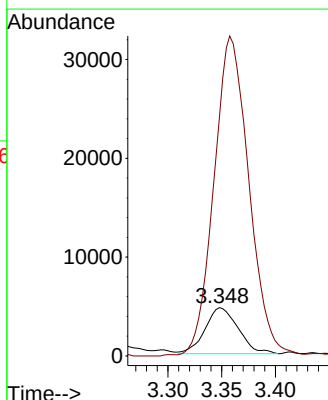
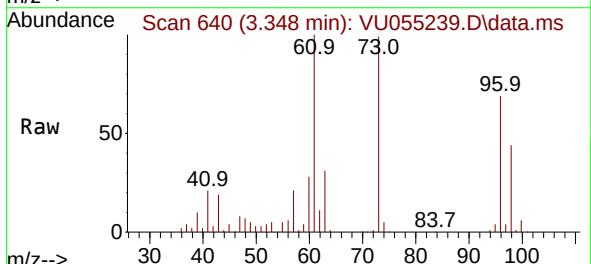
Manual Integrations
APPROVED

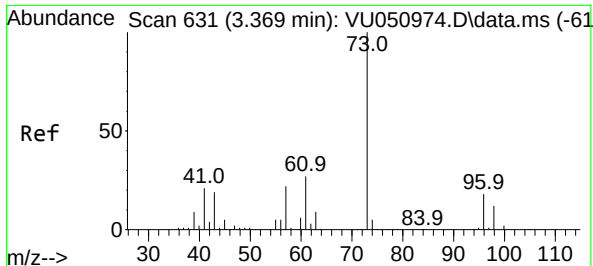
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#24
tert-Butyl Alcohol
Concen: 11.323 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.075 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

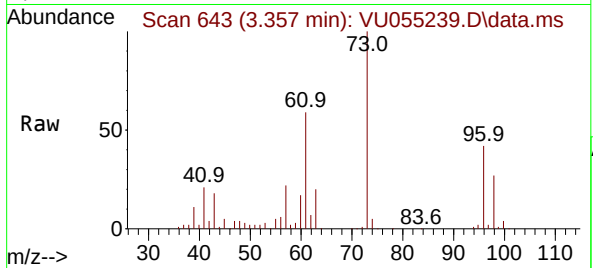
Tgt Ion: 59 Resp: 10047
Ion Ratio Lower Upper
59 100
57 732.2 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 10.519 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.012 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

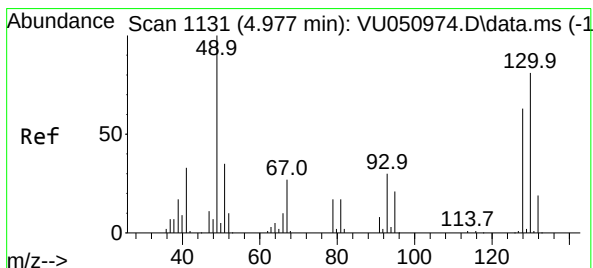
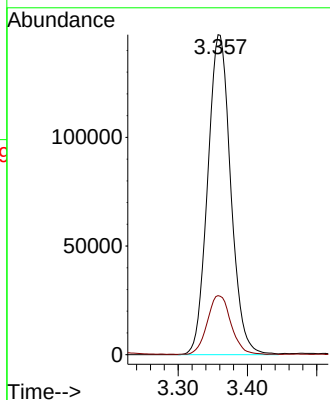
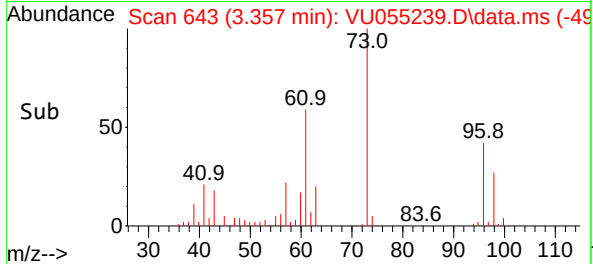
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



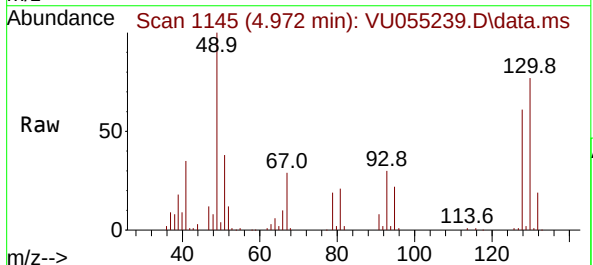
Tgt Ion: 73 Resp: 339800
Ion Ratio Lower Upper
73 100
43 18.8 15.0 22.6

Manual Integrations
APPROVED

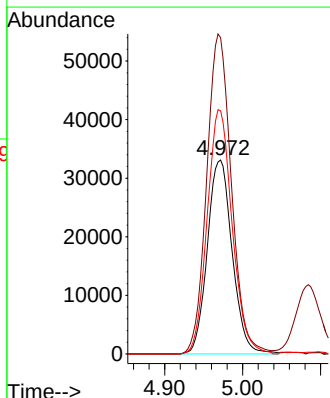
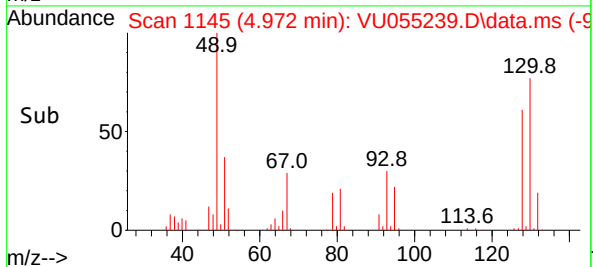
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

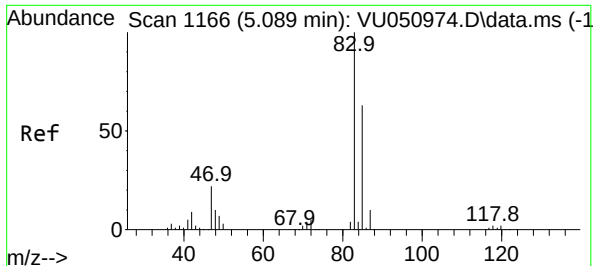


#26
Bromochloromethane
Concen: 9.418 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52



Tgt Ion:128 Resp: 73269
Ion Ratio Lower Upper
128 100
49 164.4 0.0 324.6
130 127.0 103.0 154.4





#27

Chloroform

Concen: 9.407 ug/l

RT: 5.084 min Scan# 1166

Delta R.T. -0.005 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 31651

Ion Ratio Lower Upper

83 100

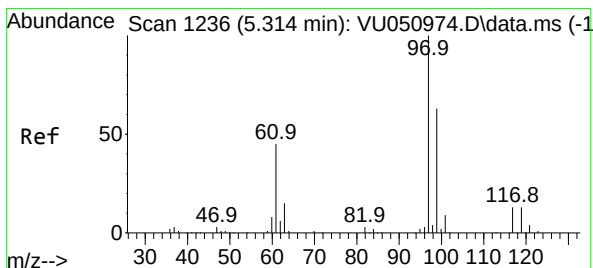
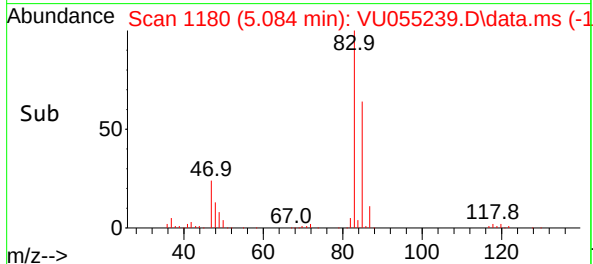
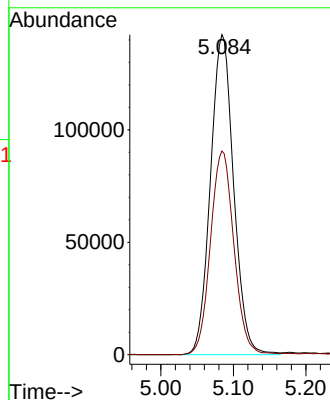
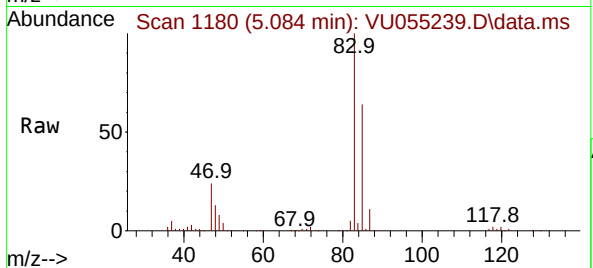
85 63.7 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#28

1,1,1-Trichloroethane

Concen: 9.620 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. -0.002 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

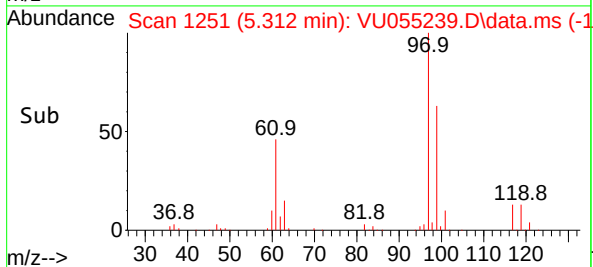
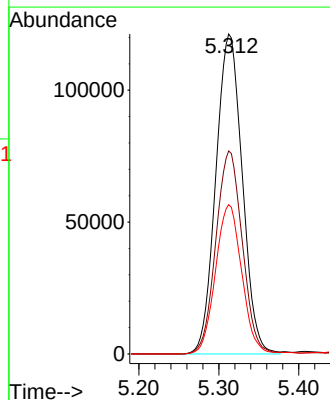
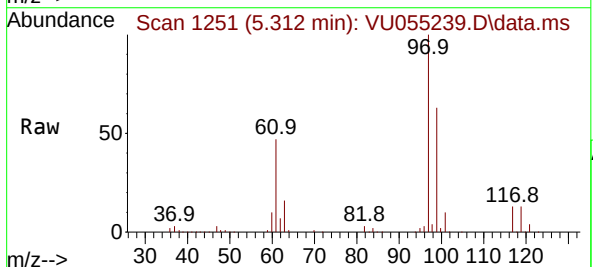
Tgt Ion: 97 Resp: 278512

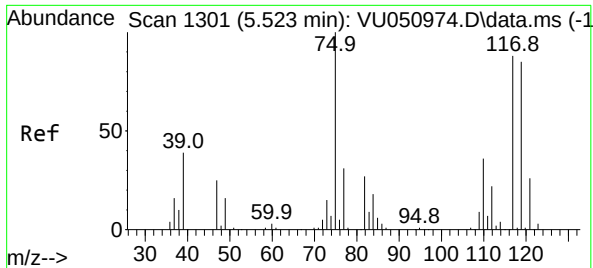
Ion Ratio Lower Upper

97 100

99 63.4 32.0 96.2

61 46.6 22.9 68.5





#29

1,1-Dichloropropene

Concen: 10.145 ug/l

RT: 5.525 min Scan# 11

Delta R.T. 0.002 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 24374

Ion Ratio Lower Upper

75 100

110 34.1 18.0 54.0

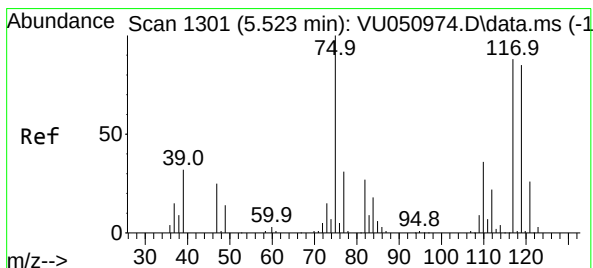
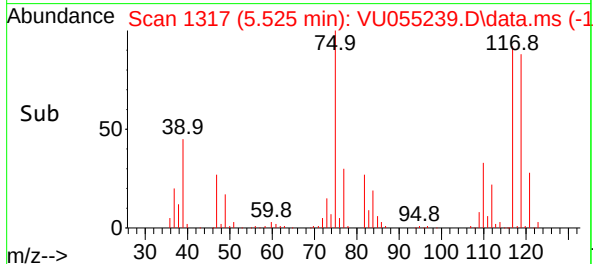
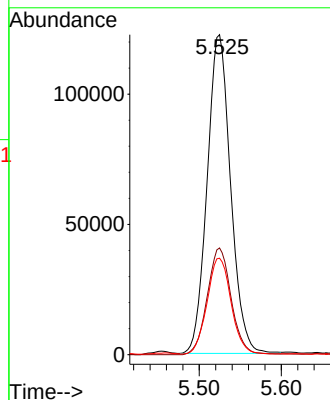
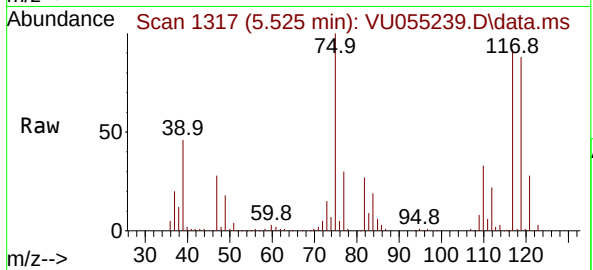
77 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#30

Carbon Tetrachloride

Concen: 9.619 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. -0.002 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

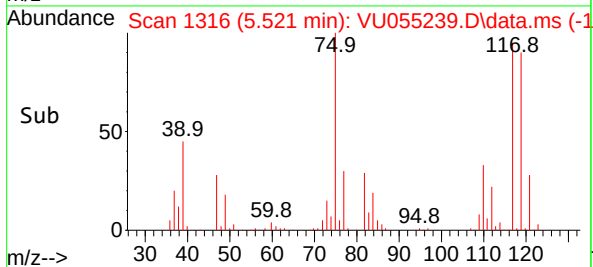
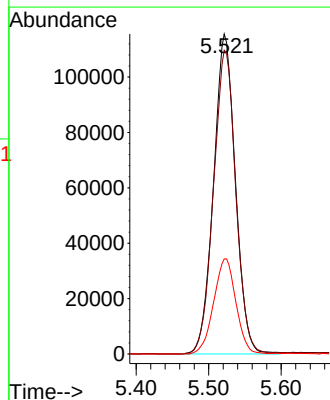
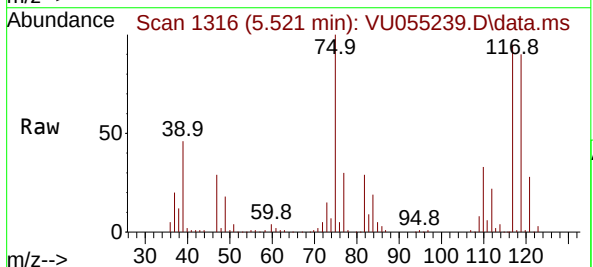
Tgt Ion:117 Resp: 242034

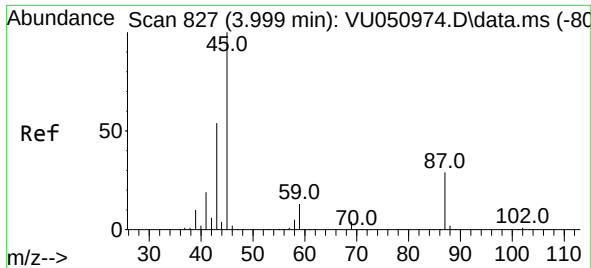
Ion Ratio Lower Upper

117 100

119 94.9 77.4 116.0

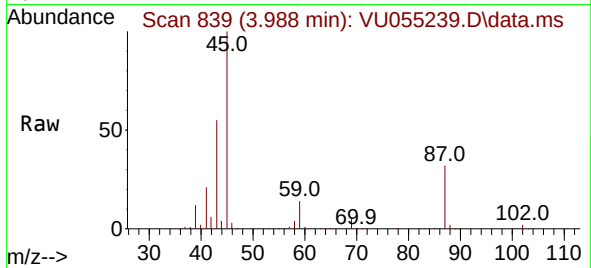
121 29.7 24.0 36.0





#31
Isopropyl Ether
Concen: 9.816 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.011 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

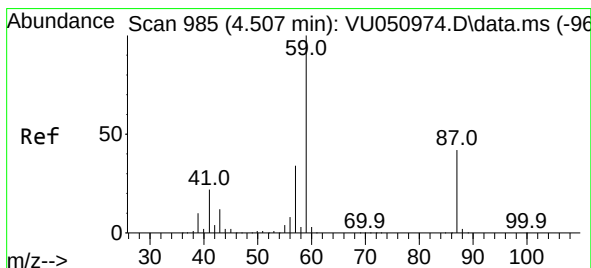
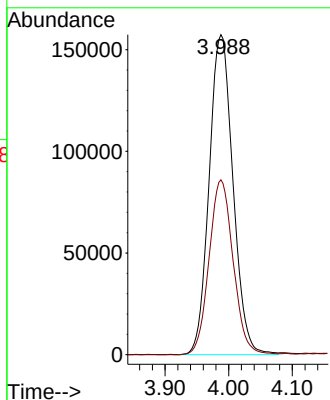
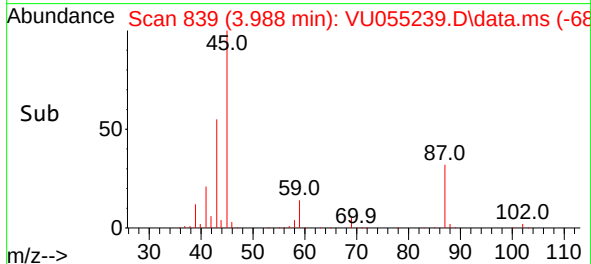
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



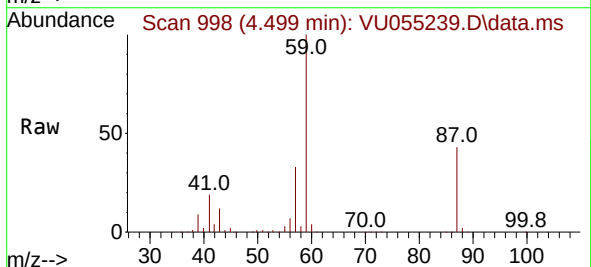
Tgt Ion: 45 Resp: 410170
Ion Ratio Lower Upper
45 100
43 55.2 27.5 82.5

Manual Integrations
APPROVED

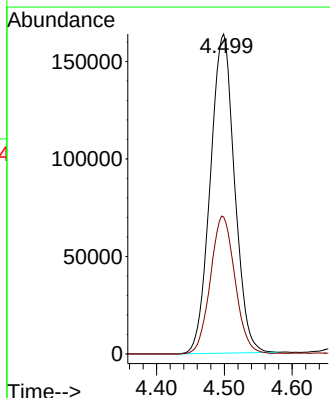
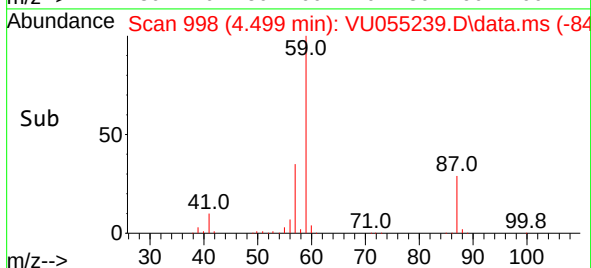
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

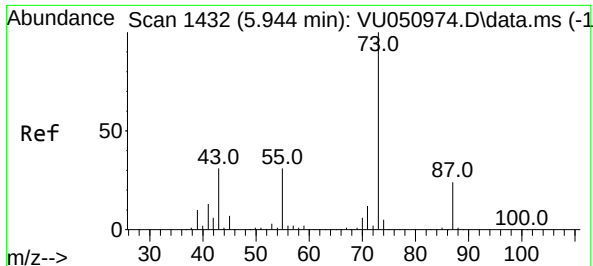


#32
Ethyl-t-butyl ether
Concen: 10.078 ug/l
RT: 4.499 min Scan# 998
Delta R.T. -0.008 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52



Tgt Ion: 59 Resp: 407054
Ion Ratio Lower Upper
59 100
87 43.5 33.5 50.3





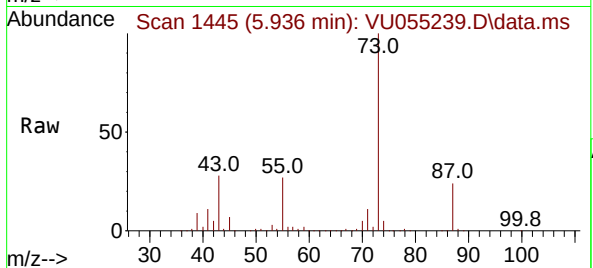
#33
Tert-Amyl methyl ether
Concen: 11.152 ug/l
RT: 5.936 min Scan# 1432
Delta R.T. -0.008 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



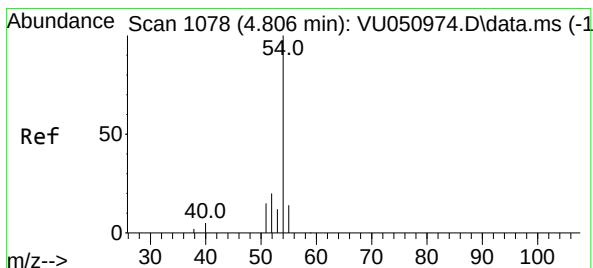
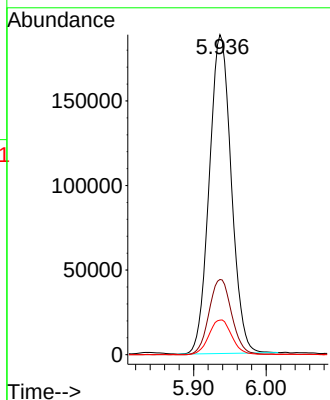
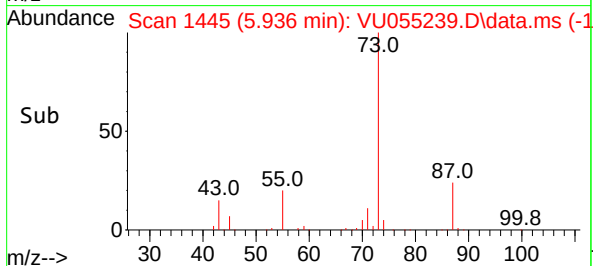
Tgt Ion: 73 Resp: 396704
Ion Ratio Lower Upper
73 100
87 24.2 18.6 28.0
71 11.2 9.9 14.9

Manual Integrations

APPROVED

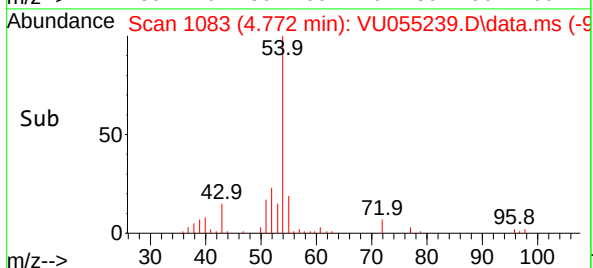
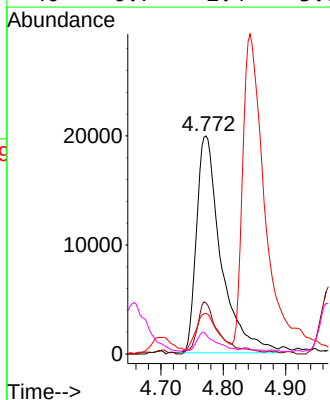
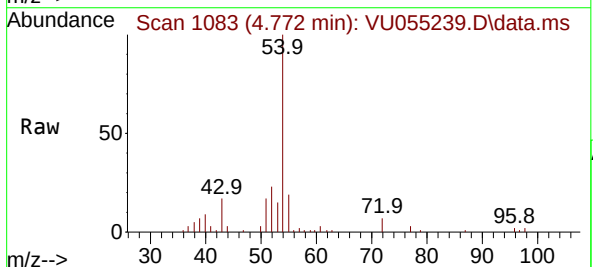
Reviewed By :John Carlone 09/12/2023

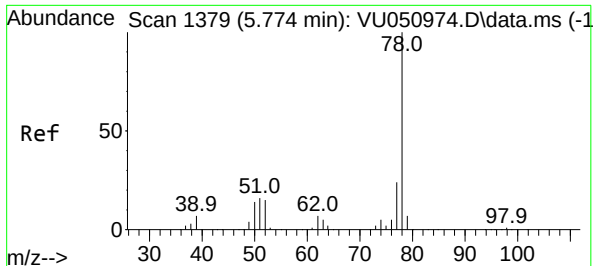
Supervised By :Mahesh Dadoda 09/12/2023



#34
Propionitrile
Concen: 57.134 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. -0.034 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Tgt Ion: 54 Resp: 54444
Ion Ratio Lower Upper
54 100
52 21.1 17.4 26.0
55 16.4 104.1 156.1#
40 6.7 2.4 3.6#





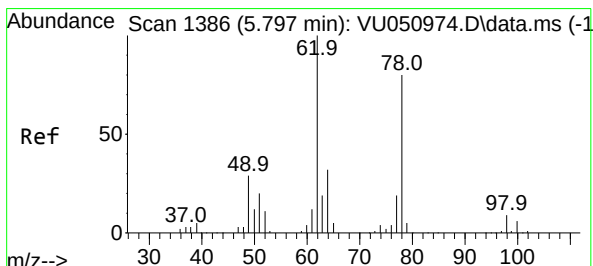
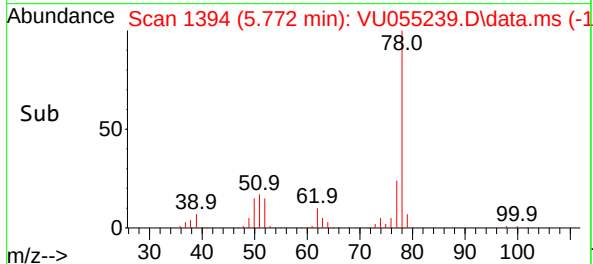
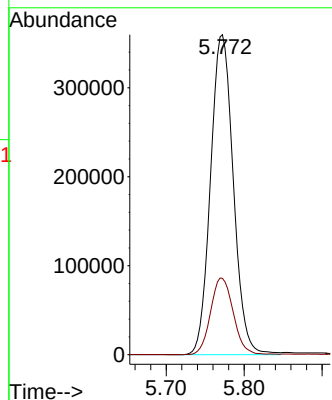
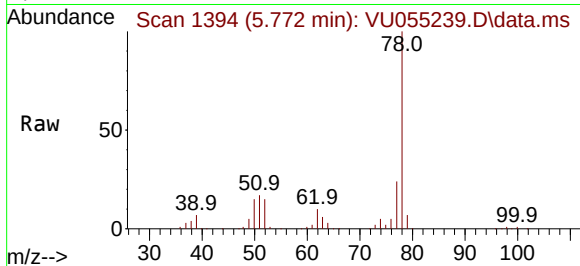
#35
Benzene
Concen: 10.312 ug/l
RT: 5.772 min Scan# 11
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 73193
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

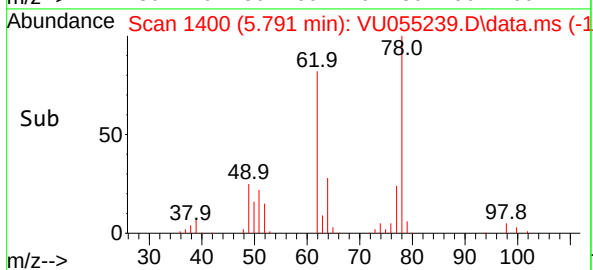
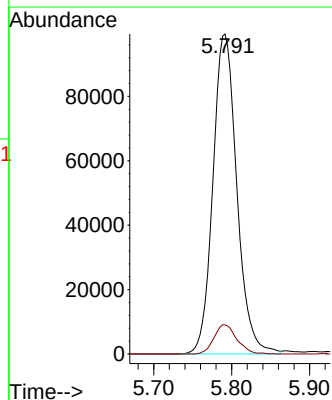
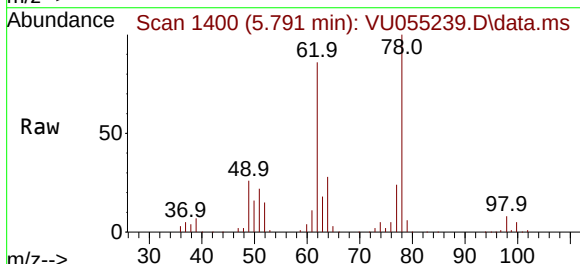
Manual Integrations
APPROVED

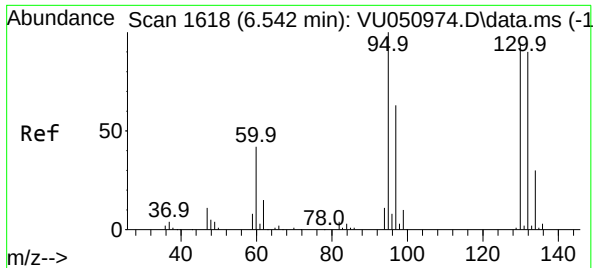
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#36
1,2-Dichloroethane
Concen: 10.689 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. -0.006 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

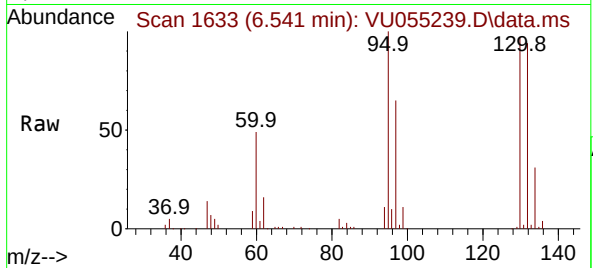
Tgt Ion: 62 Resp: 211726
Ion Ratio Lower Upper
62 100
98 8.7 7.3 10.9





#37
Trichloroethene
Concen: 9.496 ug/l
RT: 6.541 min Scan# 1710
Delta R.T. -0.001 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

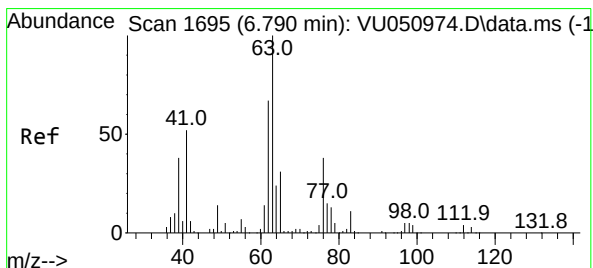
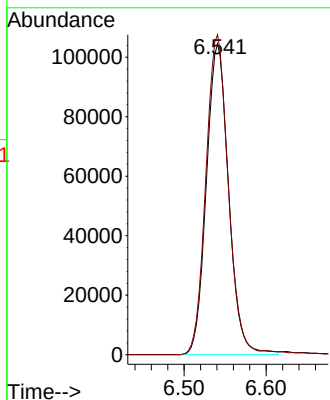
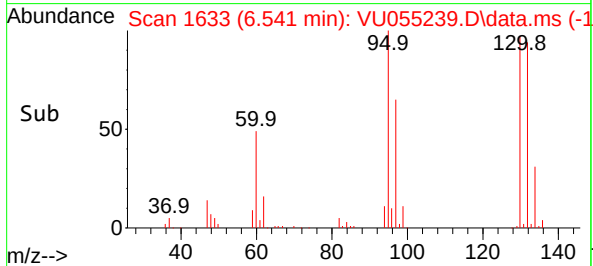
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



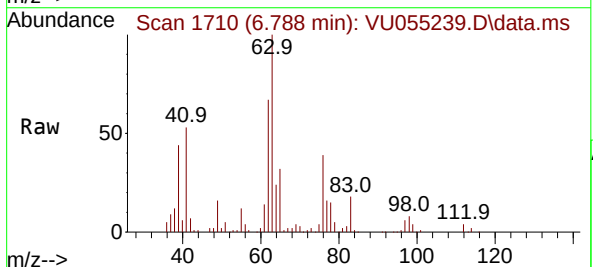
Tgt Ion:130 Resp: 19693
Ion Ratio Lower Upper
130 100
95 102.9 85.0 127.6

Manual Integrations
APPROVED

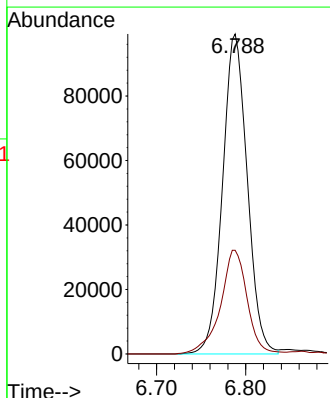
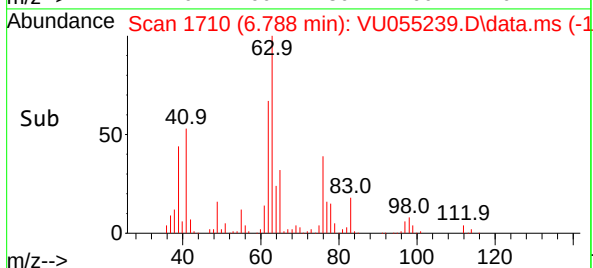
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

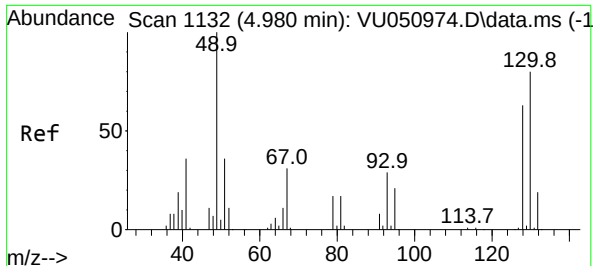


#38
1,2-Dichloropropane
Concen: 10.273 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52



Tgt Ion: 63 Resp: 191319
Ion Ratio Lower Upper
63 100
65 32.3 24.9 37.3





#39

Methacrylonitrile

Concen: 10.941 ug/l

RT: 4.968 min Scan# 1132

Delta R.T. -0.012 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 41579

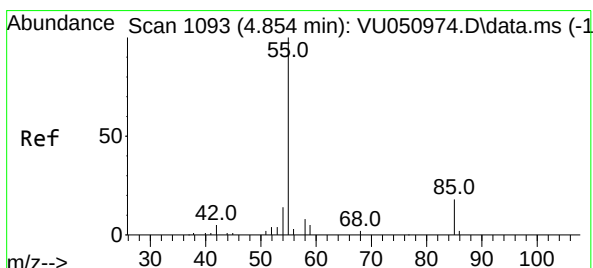
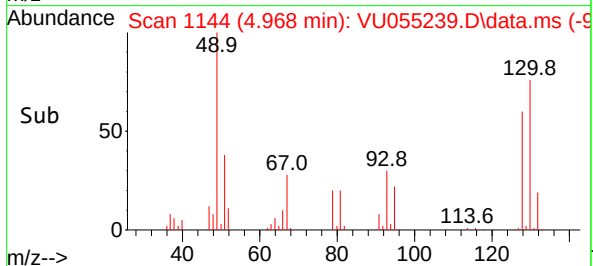
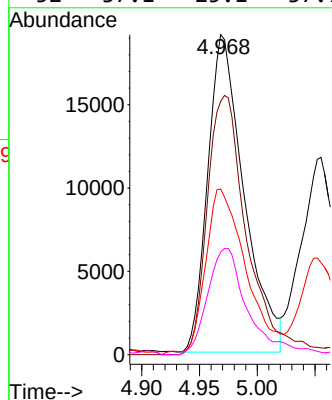
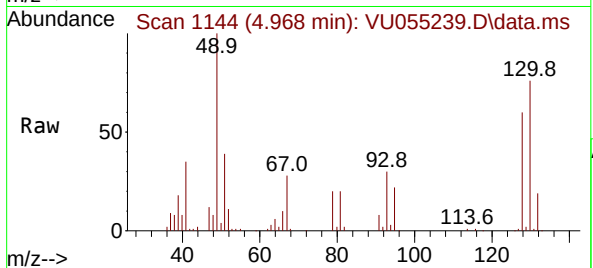
Ion	Ratio	Lower	Upper
41	100		
67	89.6	66.8	100.2
39	55.8	41.2	61.8
52	37.1	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#40

Methyl acrylate

Concen: 11.996 ug/l

RT: 4.843 min Scan# 1105

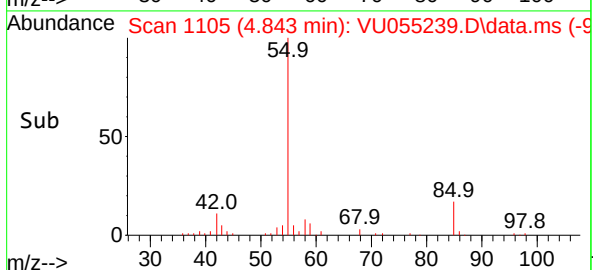
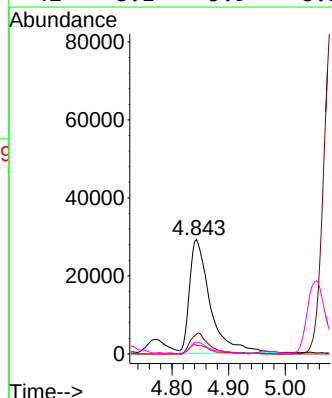
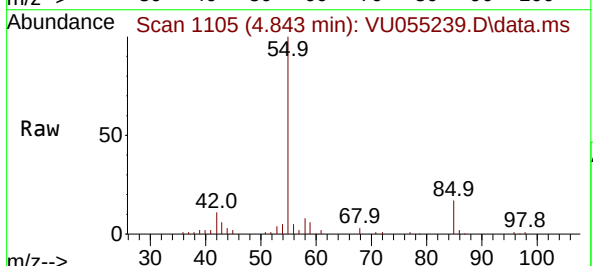
Delta R.T. -0.011 min

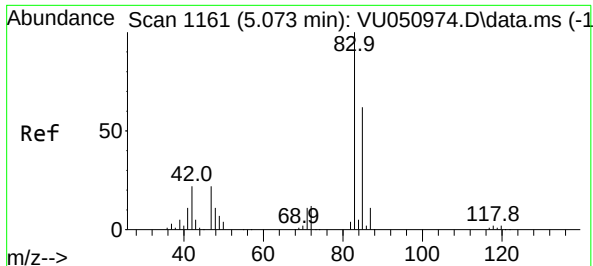
Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Tgt Ion: 55 Resp: 73818

Ion	Ratio	Lower	Upper
55	100		
85	16.7	13.3	19.9
58	8.4	6.5	9.7
42	8.1	5.9	8.9





#41

Tetrahydrofuran

Concen: 20.501 ug/l

RT: 5.055 min Scan# 1161

Delta R.T. -0.018 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 43210

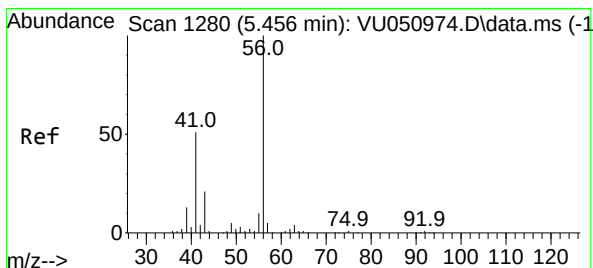
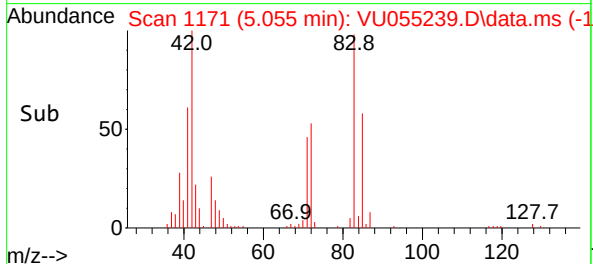
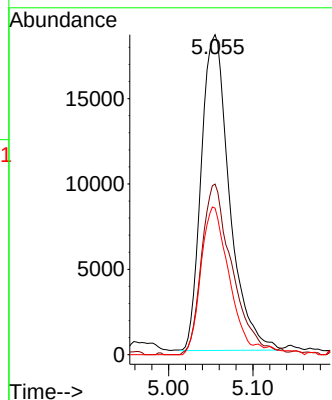
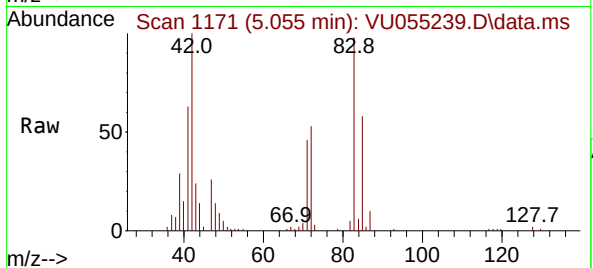
Ion	Ratio	Lower	Upper
42	100		
72	58.4	40.9	61.3
71	46.0	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#42

1-Chlorobutane

Concen: 10.552 ug/l

RT: 5.454 min Scan# 1295

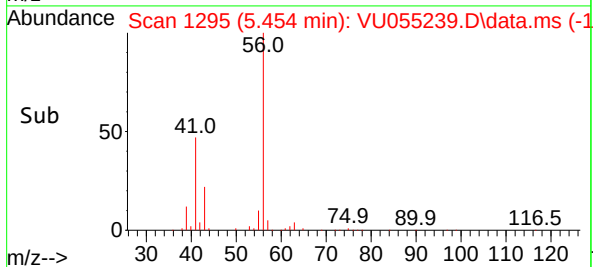
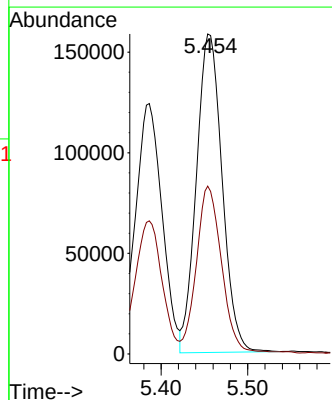
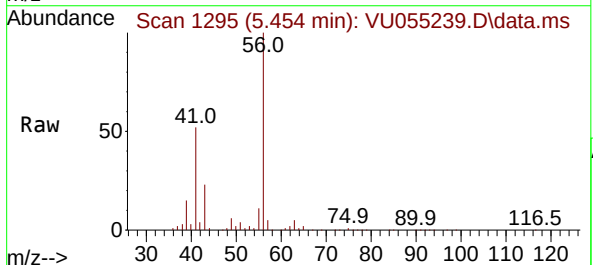
Delta R.T. -0.002 min

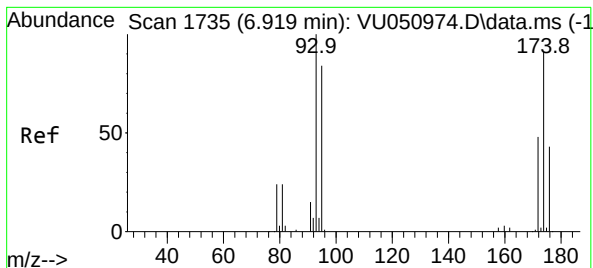
Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Tgt Ion: 56 Resp: 326967

Ion	Ratio	Lower	Upper
56	100		
41	50.5	25.2	75.6





#43

Dibromomethane

Concen: 10.500 ug/l

RT: 6.917 min Scan# 11

Delta R.T. -0.002 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 93 Resp: 9246

Ion Ratio Lower Upper

93 100

95 83.8 67.0 100.6

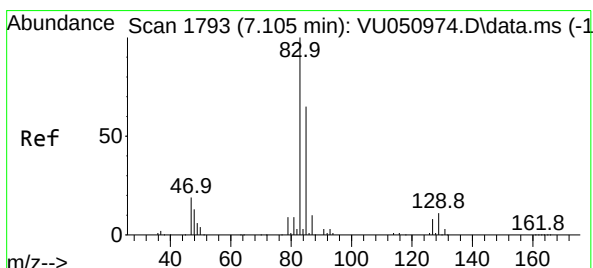
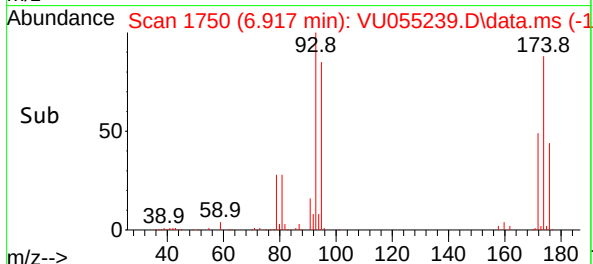
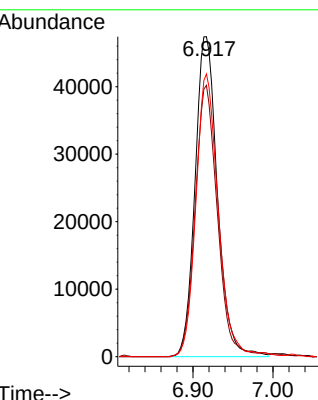
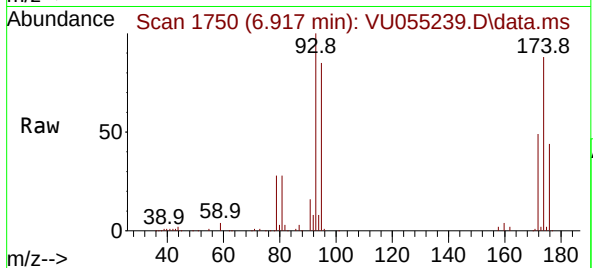
174 88.3 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#44

Bromodichloromethane

Concen: 10.395 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. -0.002 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

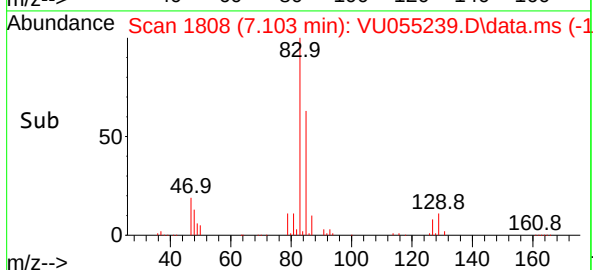
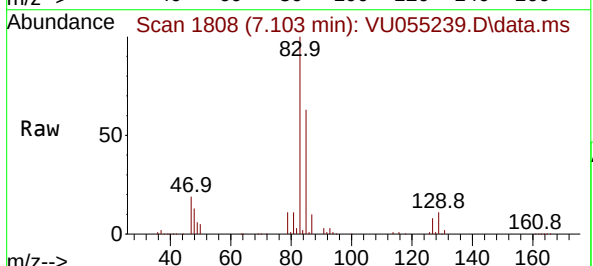
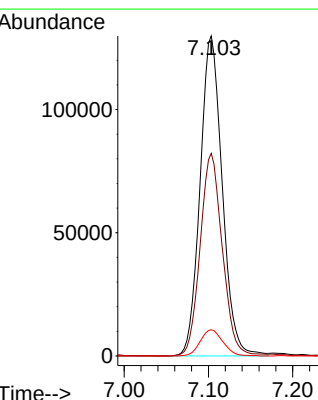
Tgt Ion: 83 Resp: 237098

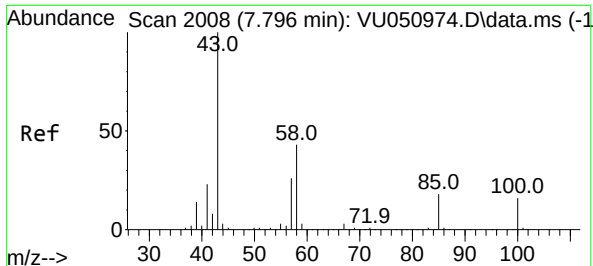
Ion Ratio Lower Upper

83 100

85 63.3 51.9 77.9

127 8.2 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 56.795 ug/l

RT: 7.788 min Scan# 2008

Delta R.T. -0.008 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 47441

Ion Ratio Lower Upper

43 100

58 41.5 20.9 62.8

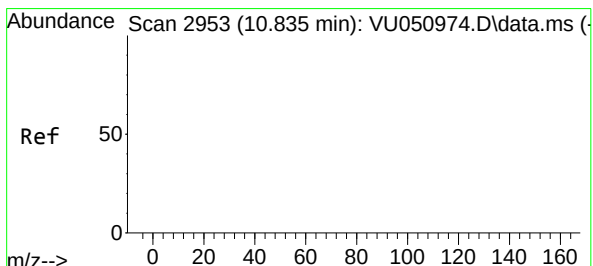
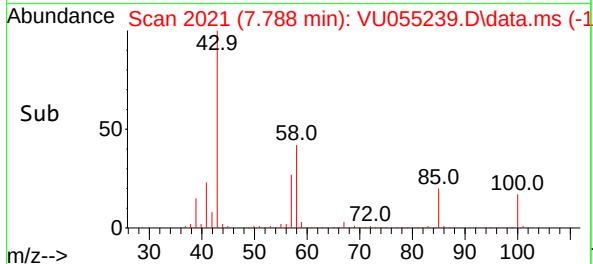
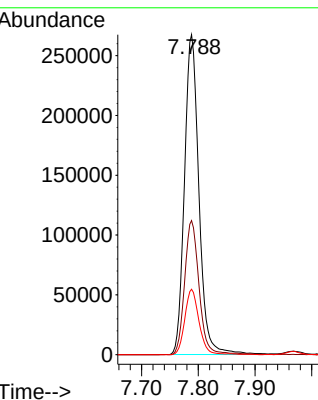
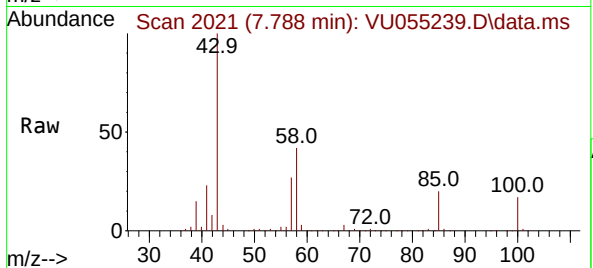
85 19.9 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#46

t-1,4-Dichloro-2-butene

Concen: 21.696 ug/l m

RT: 10.833 min Scan# 2968

Delta R.T. -0.002 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Tgt Ion: 75 Resp: 67716

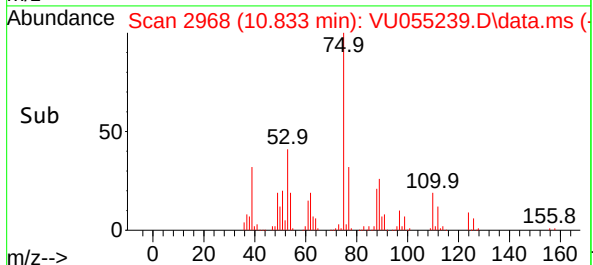
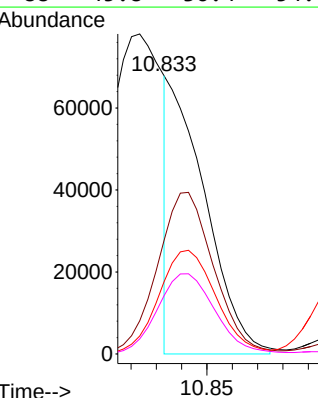
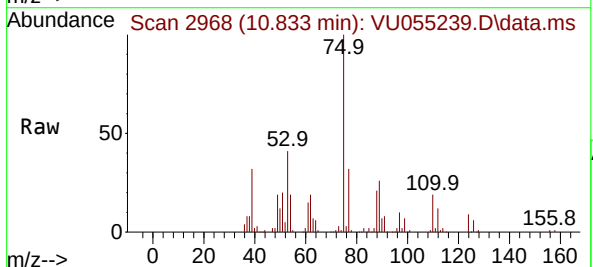
Ion Ratio Lower Upper

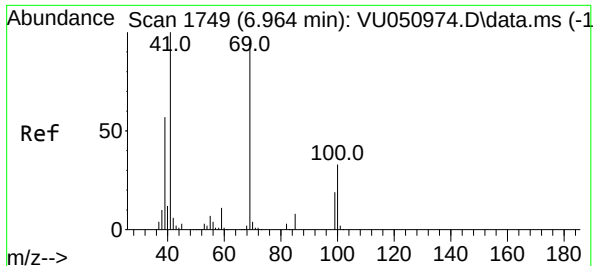
75 100

53 90.6 73.3 109.9

89 59.2 48.2 72.4

88 45.8 36.4 54.6





#47

Methyl methacrylate

Concen: 23.462 ug/l

RT: 6.959 min Scan# 1

Delta R.T. -0.005 min

Lab File: VU055239.D

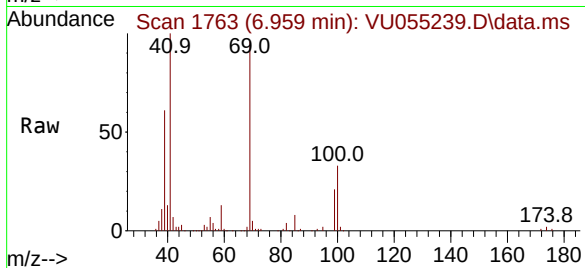
Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 69 Resp: 15876

Ion Ratio Lower Upper

69 100

41 104.4 0.0 209.2

39 61.4 46.7 70.1

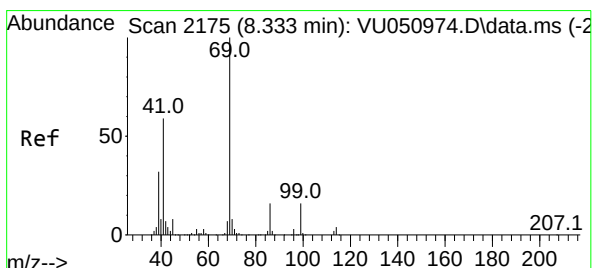
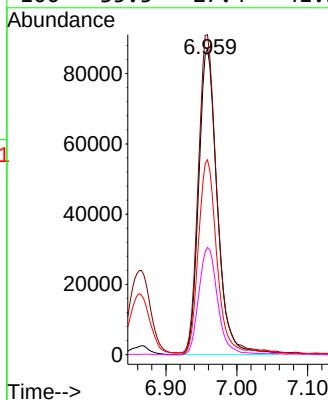
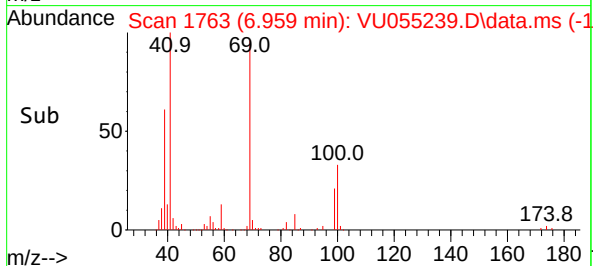
100 35.5 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#48

Ethyl methacrylate

Concen: 11.632 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.001 min

Lab File: VU055239.D

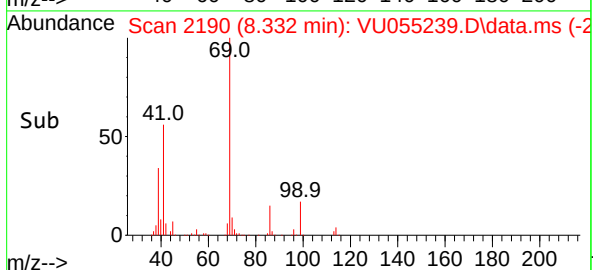
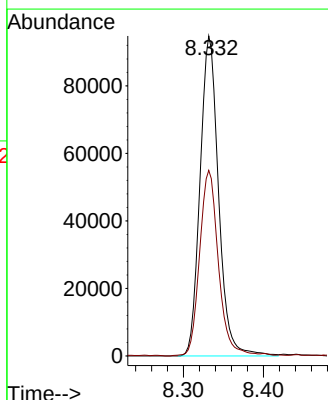
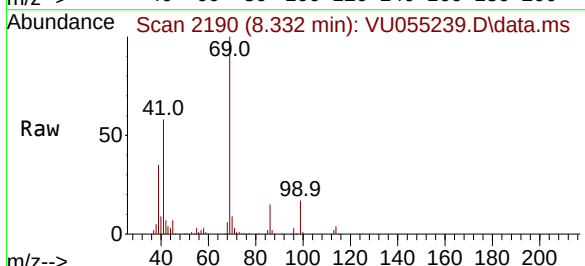
Acq: 11 Sep 2023 16:52

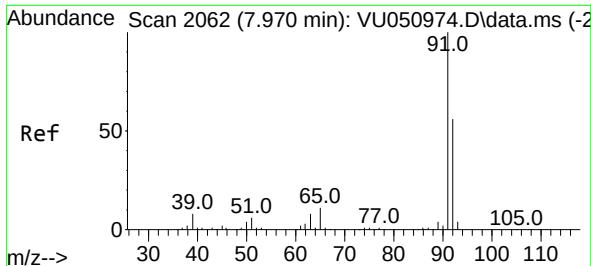
Tgt Ion: 69 Resp: 152861

Ion Ratio Lower Upper

69 100

41 58.8 30.3 90.8





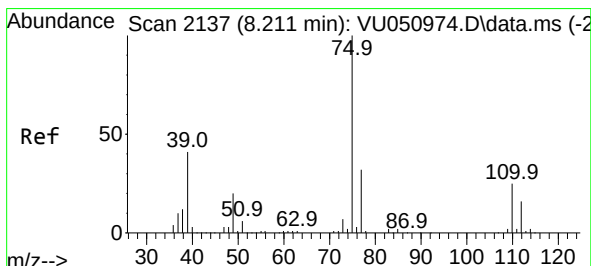
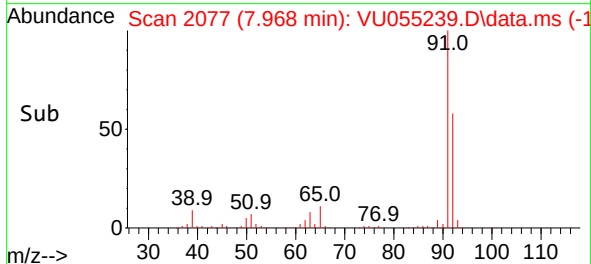
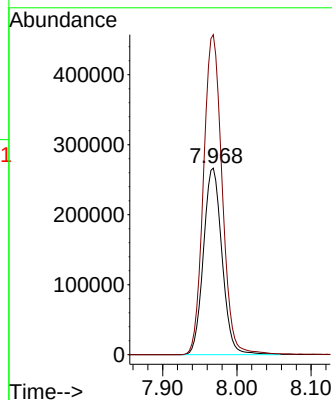
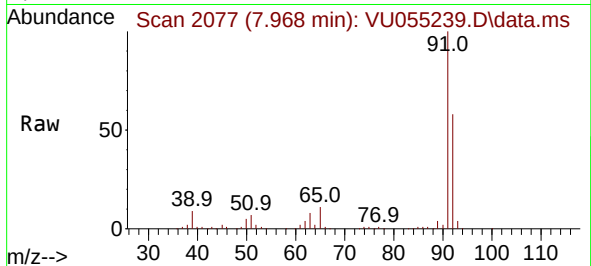
#49
Toluene
Concen: 10.746 ug/l
RT: 7.968 min Scan# 2062
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 92 Resp: 46260
Ion Ratio Lower Upper
92 100
91 172.7 143.0 214.6

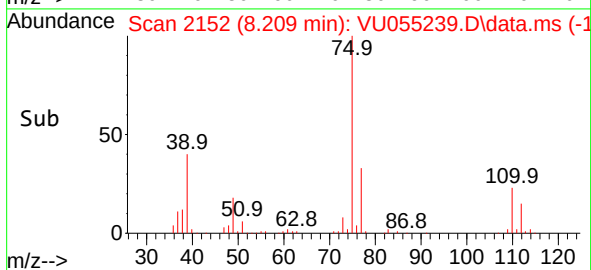
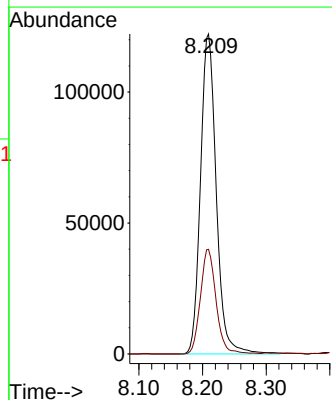
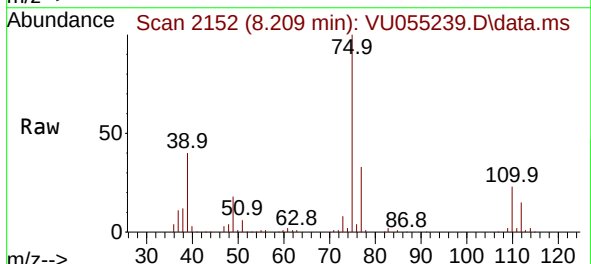
Manual Integrations
APPROVED

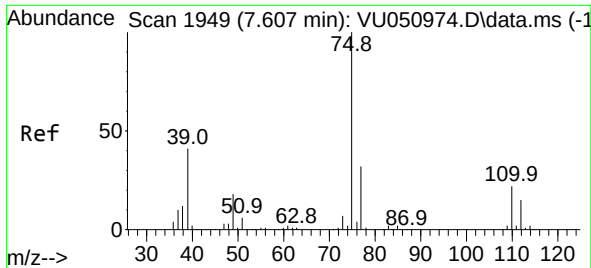
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#50
t-1,3-Dichloropropene
Concen: 10.958 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Tgt Ion: 75 Resp: 210266
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 10.824 ug/l
 RT: 7.605 min Scan# 1949
 Delta R.T. -0.002 min
 Lab File: VU055239.D
 Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

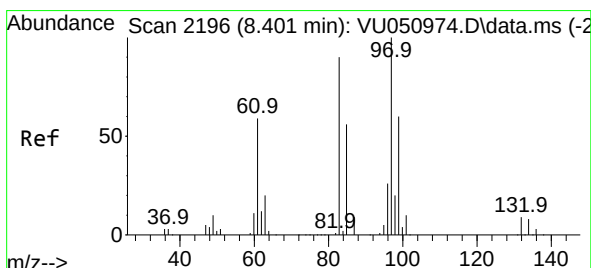
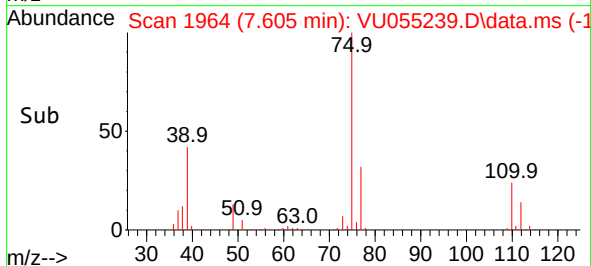
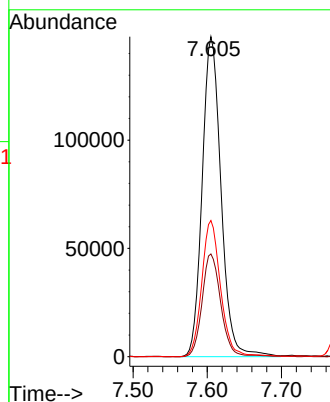
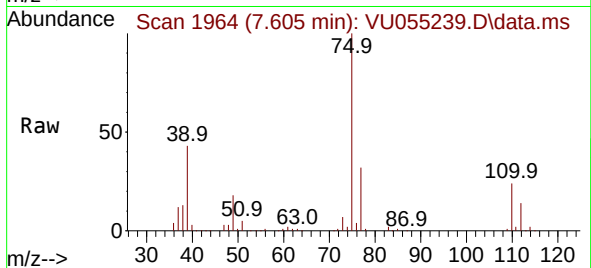
Tgt Ion: 75 Resp: 260682
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5
 39 42.6 32.8 49.2

Manual Integrations

APPROVED

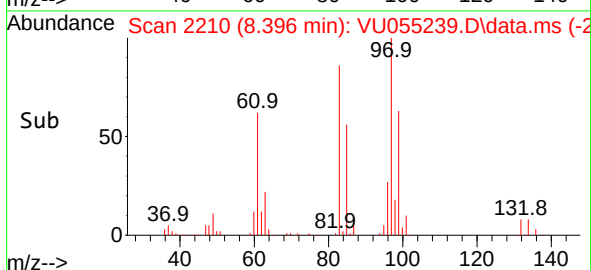
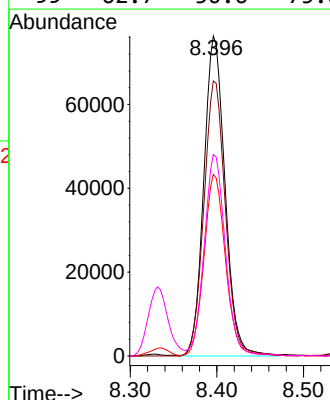
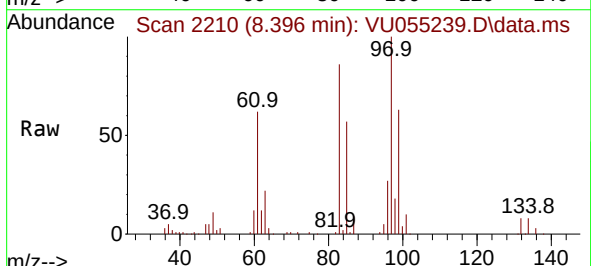
Reviewed By :John Carlone 09/12/2023

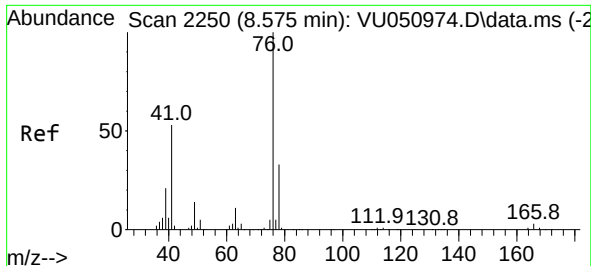
Supervised By :Mahesh Dadoda 09/12/2023



#52
 1,1,2-Trichloroethane
 Concen: 10.451 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.005 min
 Lab File: VU055239.D
 Acq: 11 Sep 2023 16:52

Tgt Ion: 97 Resp: 129886
 Ion Ratio Lower Upper
 97 100
 83 86.0 71.8 107.8
 85 56.5 45.2 67.8
 99 62.7 50.6 75.8





#53

1,3-Dichloropropane

Concen: 10.897 ug/l

RT: 8.573 min Scan# 2250

Delta R.T. -0.002 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 229579

Ion Ratio Lower Upper

76 100

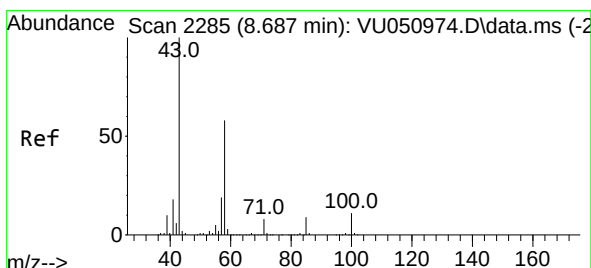
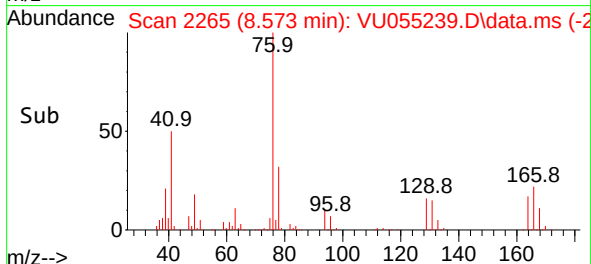
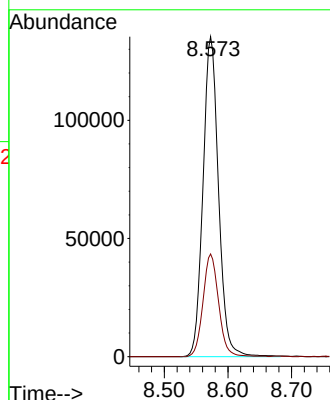
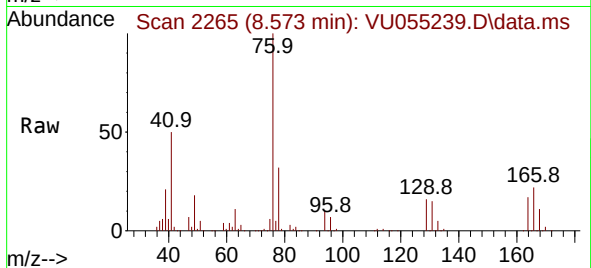
78 32.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#54

2-Hexanone

Concen: 50.120 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. -0.005 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

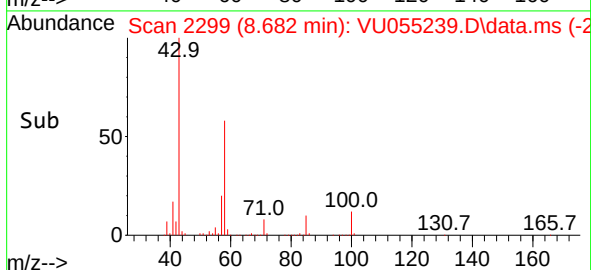
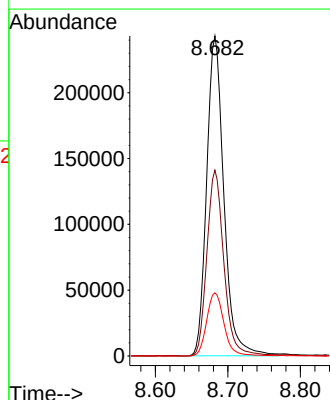
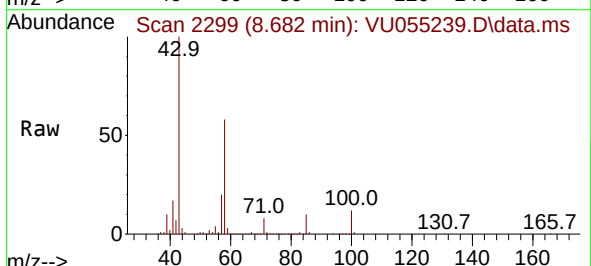
Tgt Ion: 43 Resp: 401108

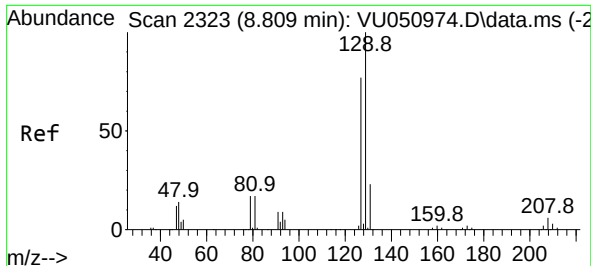
Ion Ratio Lower Upper

43 100

58 57.4 38.2 78.2

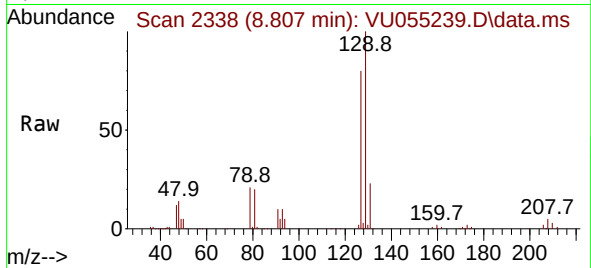
57 19.9 0.0 39.1





#55
Dibromochloromethane
Concen: 10.524 ug/l
RT: 8.807 min Scan# 2138
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

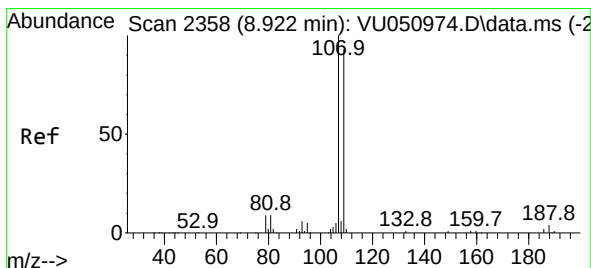
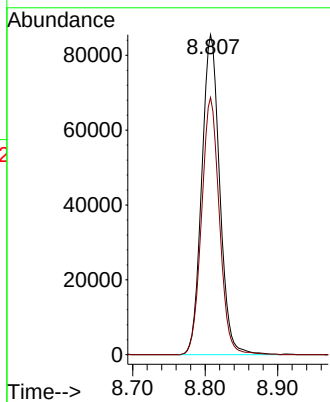
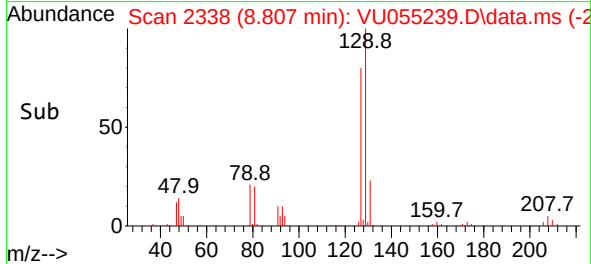
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:129 Resp: 147388
Ion Ratio Lower Upper
129 100
127 79.6 61.4 92.0

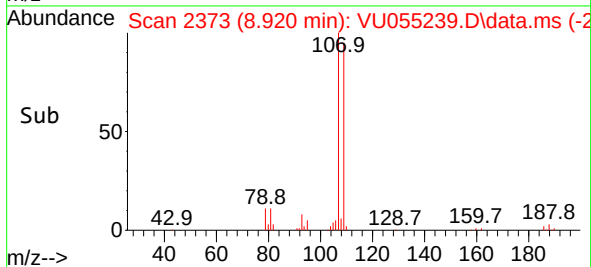
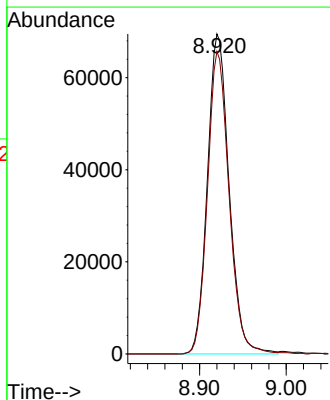
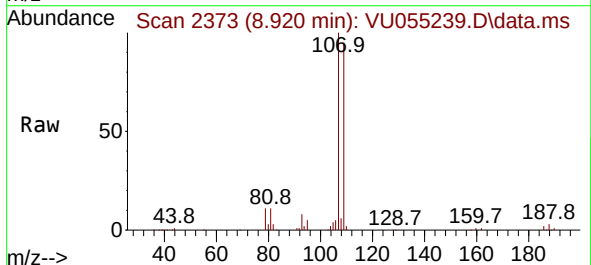
Manual Integrations
APPROVED

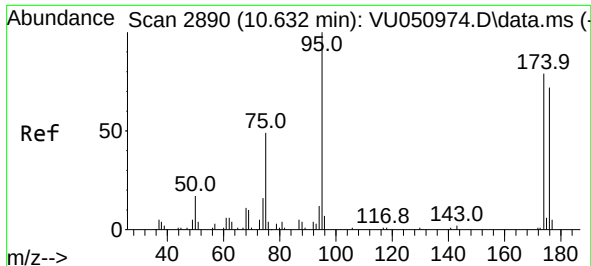
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#56
1,2-Dibromoethane
Concen: 10.728 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Tgt Ion:107 Resp: 121287
Ion Ratio Lower Upper
107 100
109 93.9 0.0 184.4





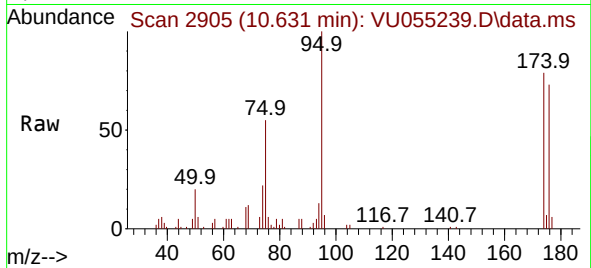
#57
4-Bromofluorobenzene
Concen: 0.971 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



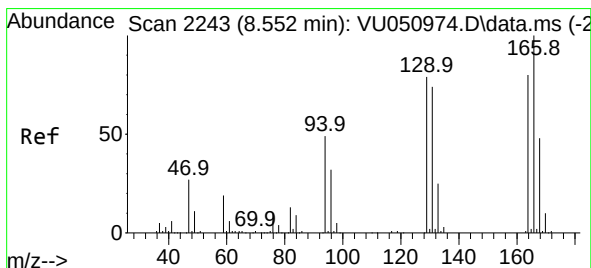
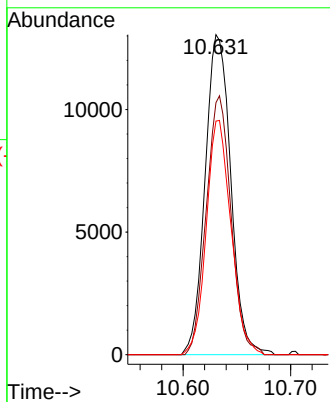
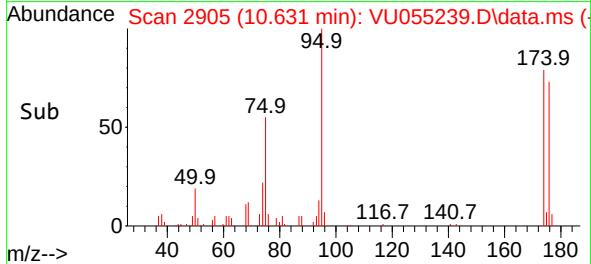
Tgt Ion: 95 Resp: 2164
Ion Ratio Lower Upper
95 100
174 78.0 63.3 94.9
176 70.7 59.3 88.9

Manual Integrations

APPROVED

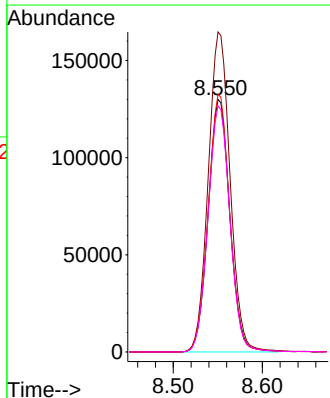
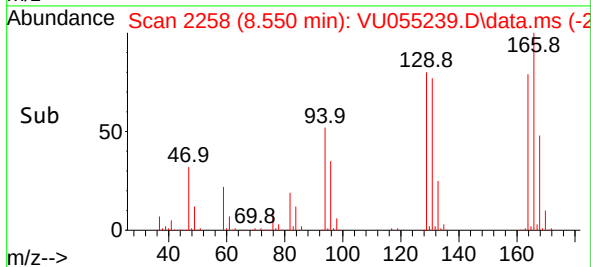
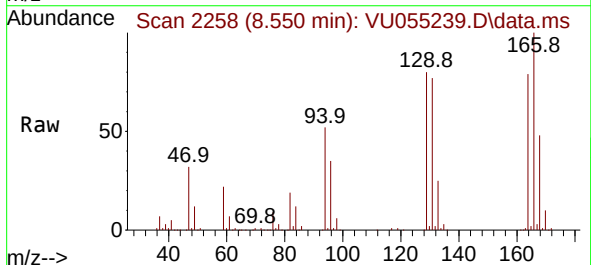
Reviewed By :John Carlone 09/12/2023

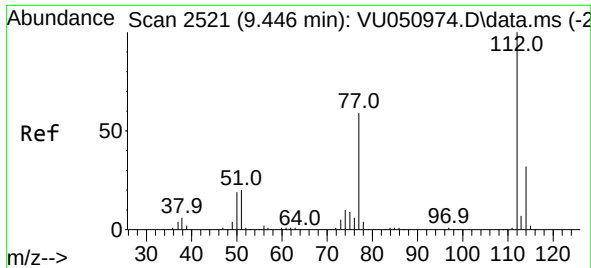
Supervised By :Mahesh Dadoda 09/12/2023



#58
Tetrachloroethene
Concen: 9.831 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

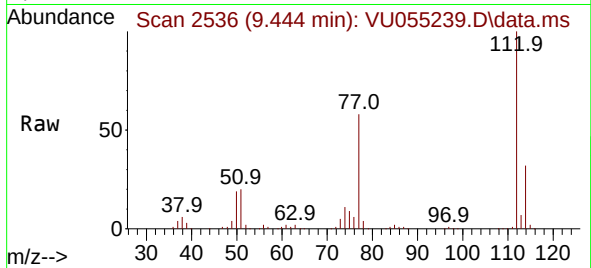
Tgt Ion:164 Resp: 220319
Ion Ratio Lower Upper
164 100
166 126.7 99.6 149.4
129 102.0 78.6 117.8
131 97.5 73.4 110.0





#59
Chlorobenzene
Concen: 10.383 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

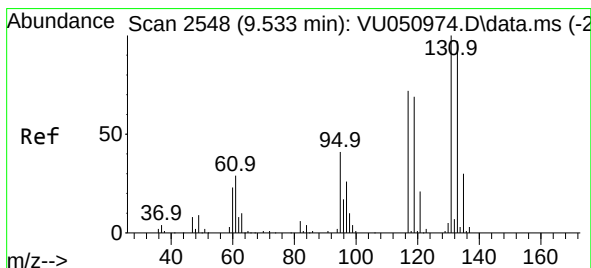
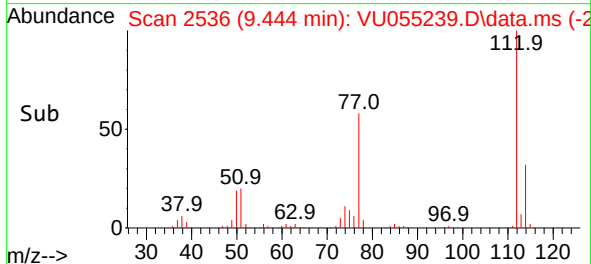
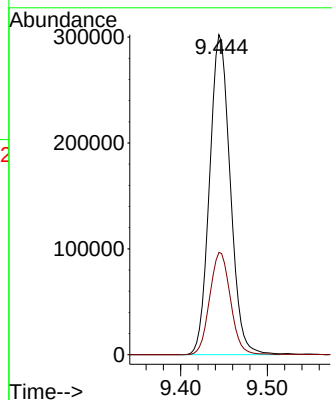
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 500778
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4

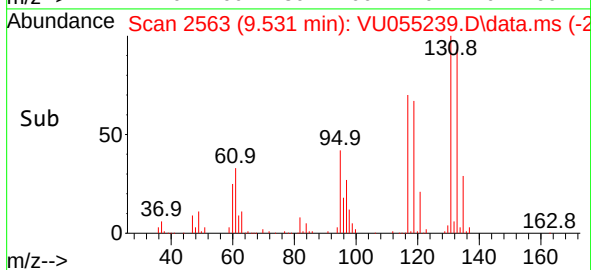
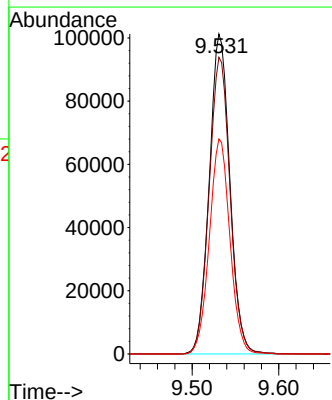
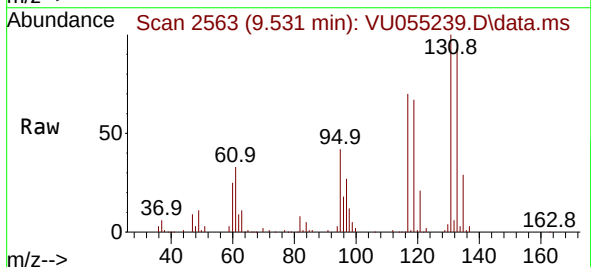
Manual Integrations
APPROVED

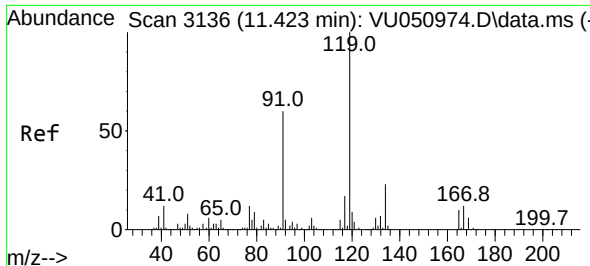
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 10.489 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Tgt Ion:131 Resp: 167493
Ion Ratio Lower Upper
131 100
133 94.3 77.8 116.6
119 67.0 55.2 82.8





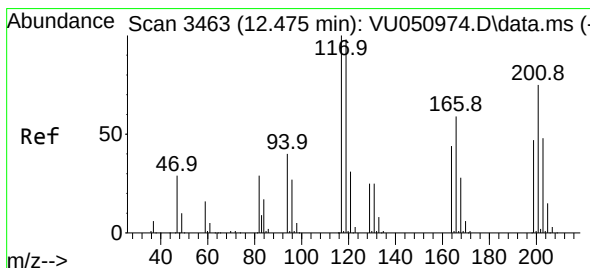
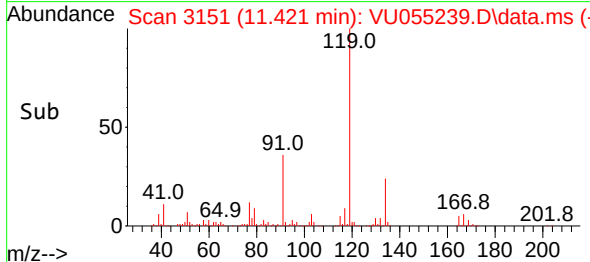
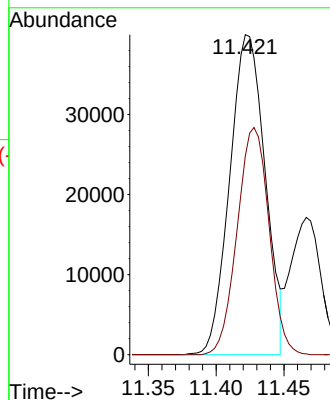
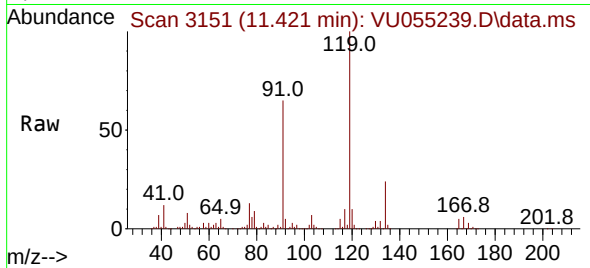
#61
Pentachloroethane
Concen: 9.740 ug/l
RT: 11.421 min Scan# 3136
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 72489
Ion Ratio Lower Upper
117 100
167 64.1 56.7 85.1

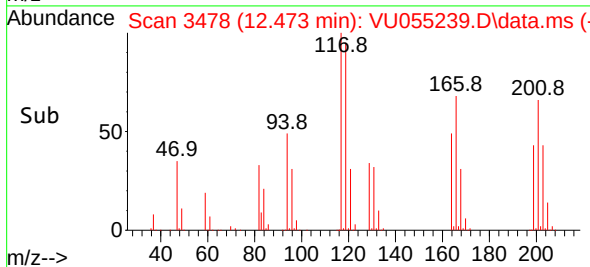
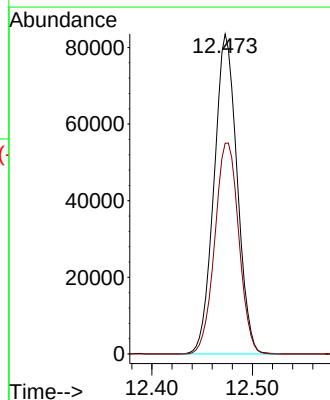
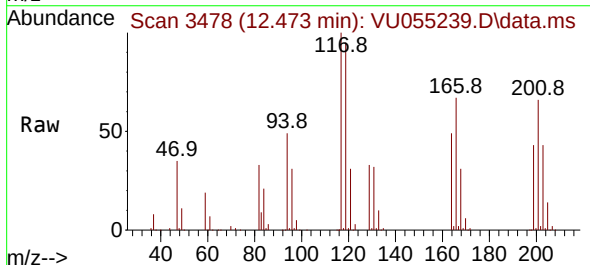
Manual Integrations
APPROVED

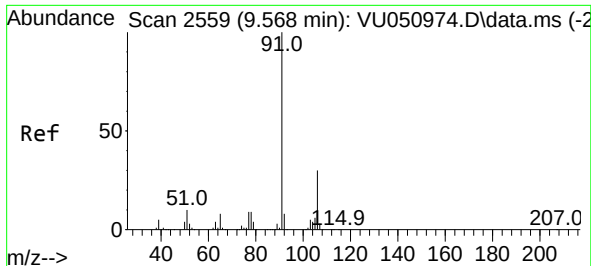
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#62
Hexachloroethane
Concen: 10.907 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Tgt Ion:117 Resp: 133133
Ion Ratio Lower Upper
117 100
201 68.6 59.6 89.4





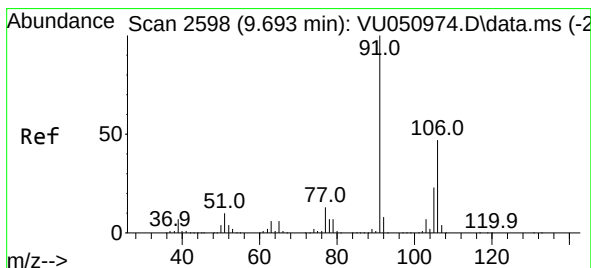
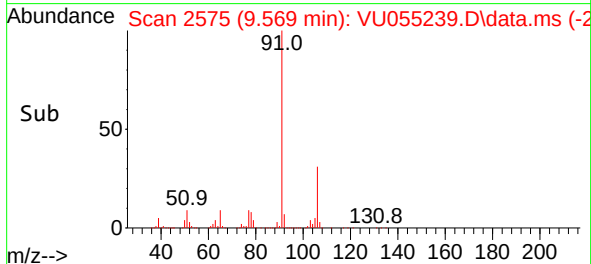
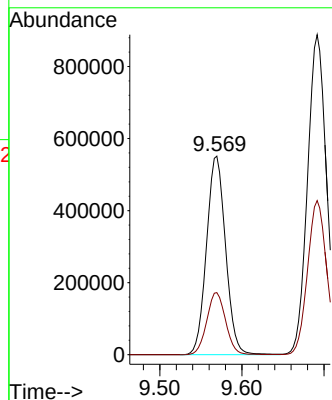
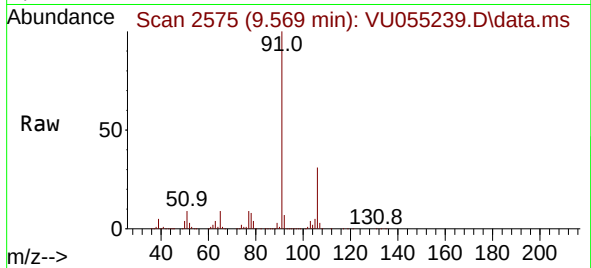
#63
Ethyl Benzene
Concen: 10.917 ug/l
RT: 9.569 min Scan# 2559
Delta R.T. 0.001 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 88991
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.2

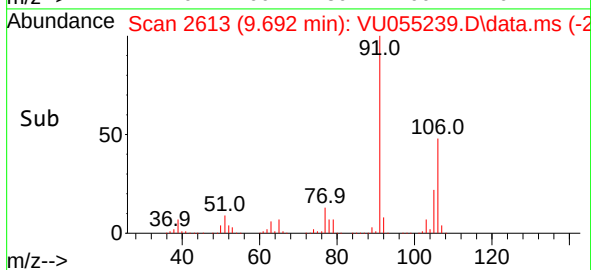
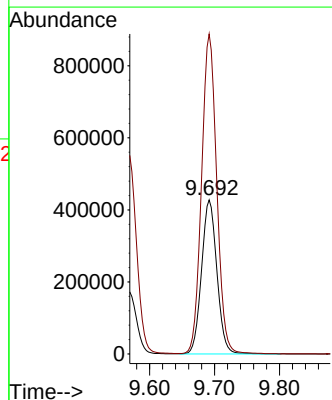
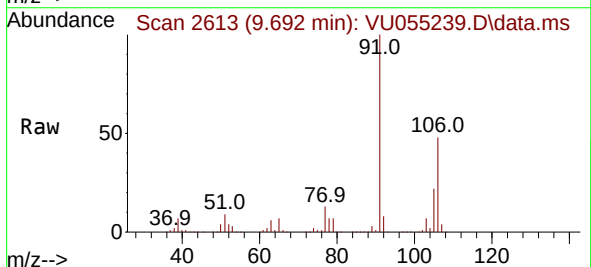
Manual Integrations
APPROVED

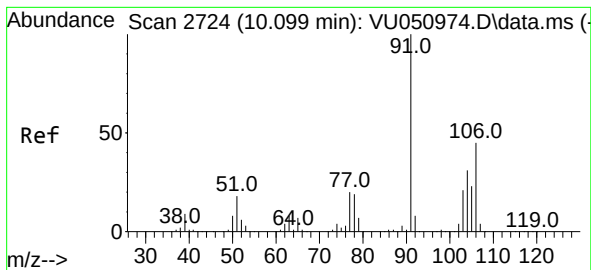
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
m/p-Xylenes
Concen: 22.224 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.001 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Tgt Ion:106 Resp: 702011
Ion Ratio Lower Upper
106 100
91 205.9 167.3 250.9





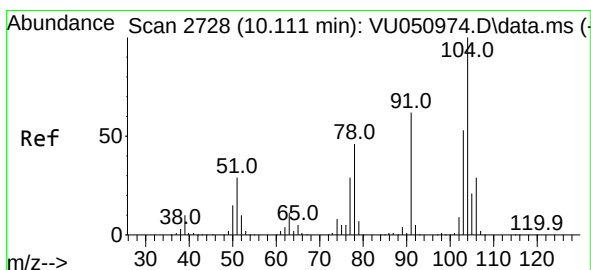
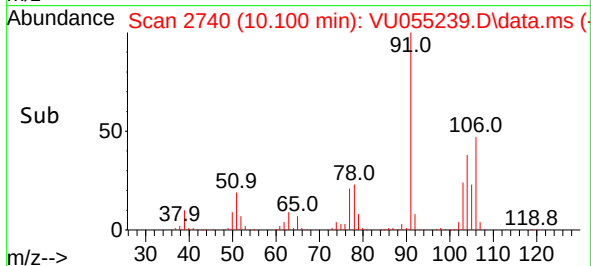
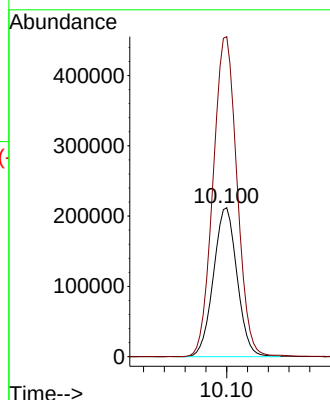
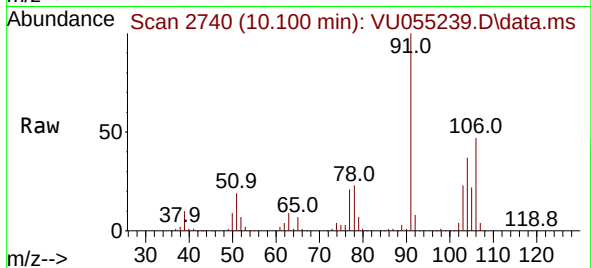
#65
o-Xylene
Concen: 10.922 ug/l
RT: 10.100 min Scan# 2710
Delta R.T. 0.001 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 33452
Ion Ratio Lower Upper
106 100
91 218.9 109.3 327.9

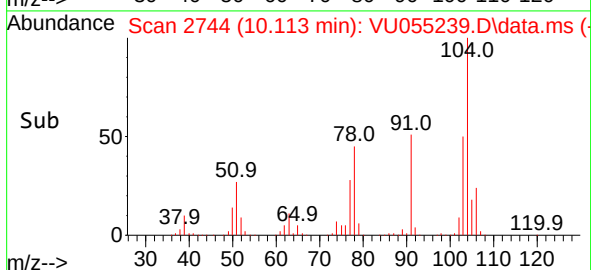
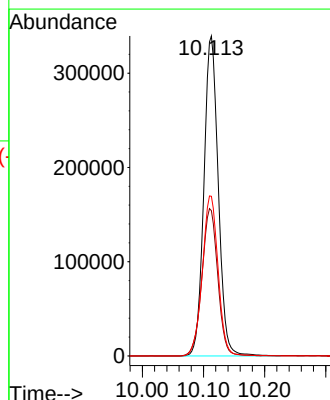
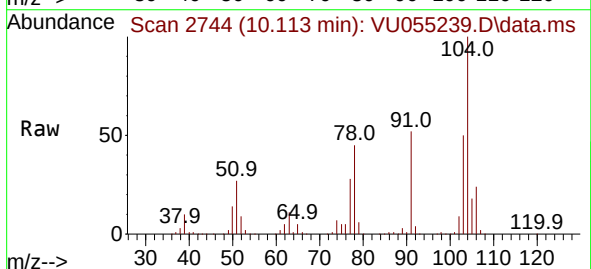
Manual Integrations
APPROVED

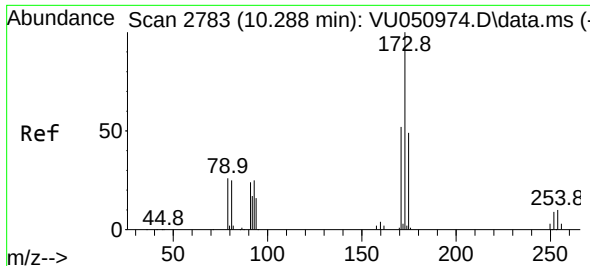
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
Styrene
Concen: 11.599 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

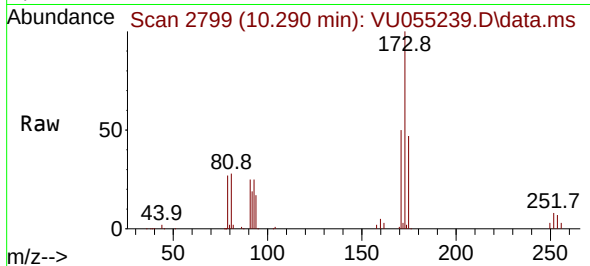
Tgt Ion:104 Resp: 554940
Ion Ratio Lower Upper
104 100
78 50.7 39.7 59.5
103 54.7 44.8 67.2





#67
Bromoform
Concen: 11.188 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

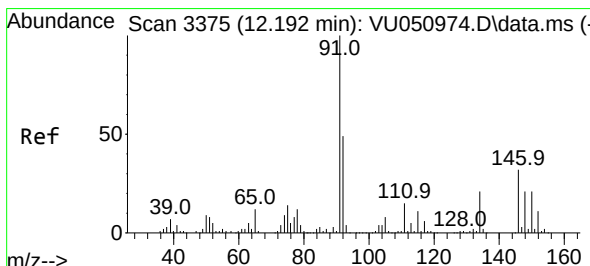
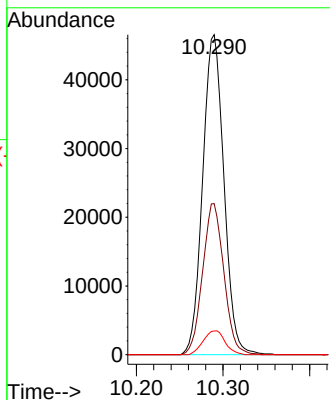
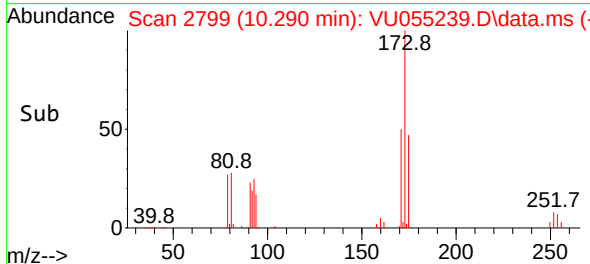
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



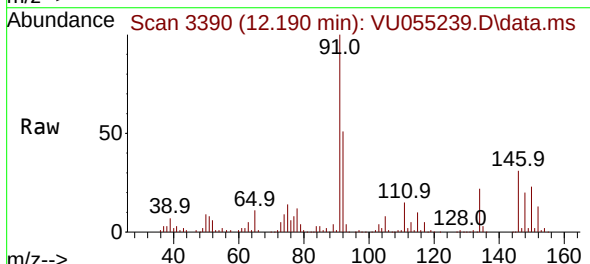
Tgt Ion:173 Resp: 7926
Ion Ratio Lower Upper
173 100
175 47.3 39.0 58.6
254 7.7 7.4 11.0

Manual Integrations
APPROVED

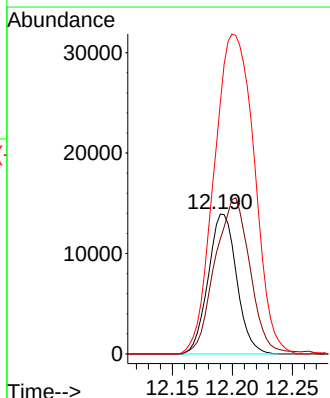
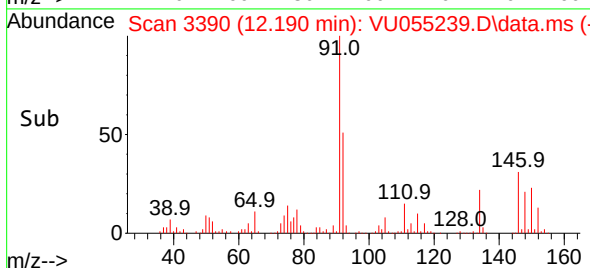
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

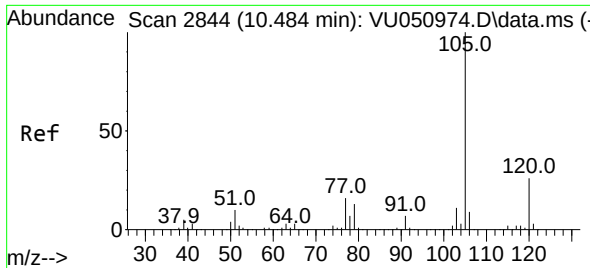


#68
1,2-Dichlorobenzene-d4
Concen: 1.056 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52



Tgt Ion:152 Resp: 22952
Ion Ratio Lower Upper
152 100
115 137.3 0.0 308.8
150 323.3 0.0 635.0





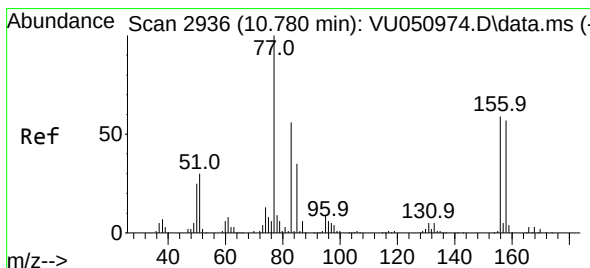
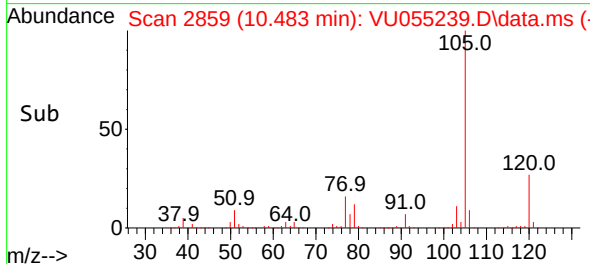
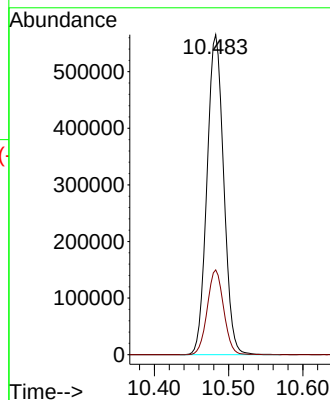
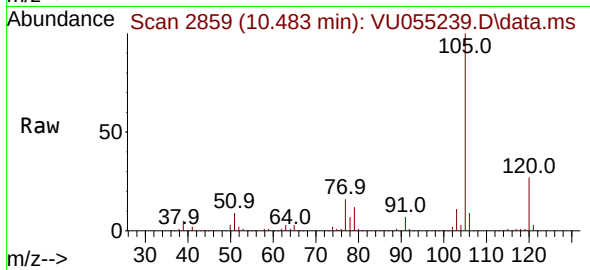
#69
Isopropylbenzene
Concen: 10.991 ug/l
RT: 10.483 min Scan# 2844
Delta R.T. -0.001 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 88053
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4

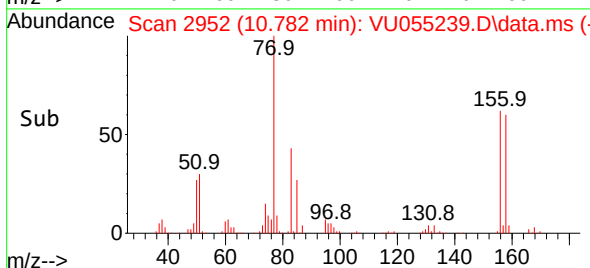
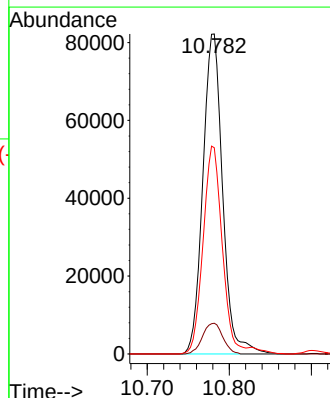
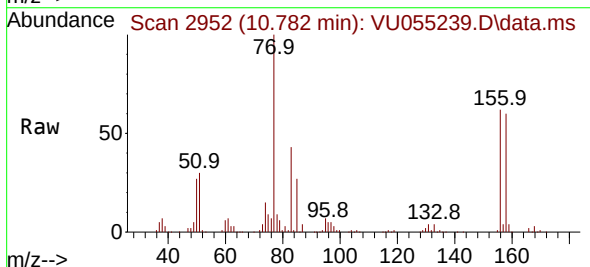
Manual Integrations
APPROVED

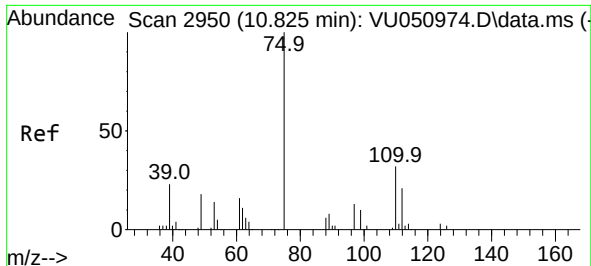
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 10.882 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

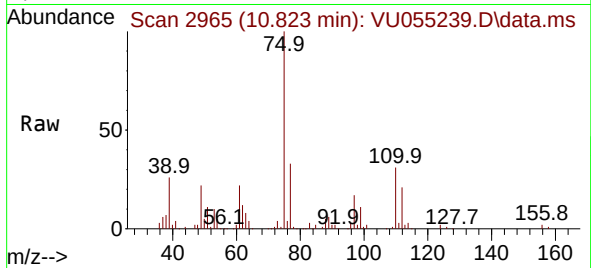
Tgt Ion: 83 Resp: 137374
Ion Ratio Lower Upper
83 100
131 9.8 7.2 10.8
85 62.6 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 8.545 ug/l m
RT: 10.823 min Scan# 2950
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

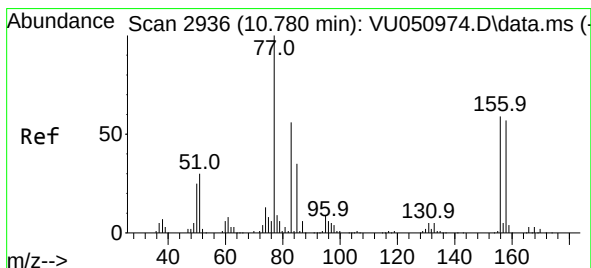
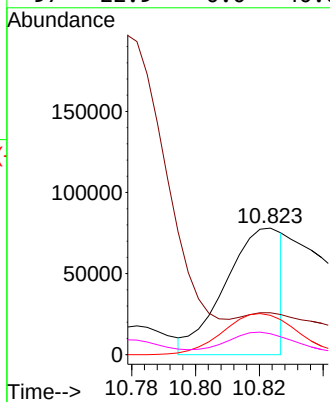
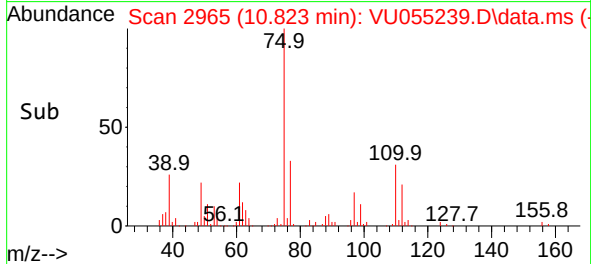
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



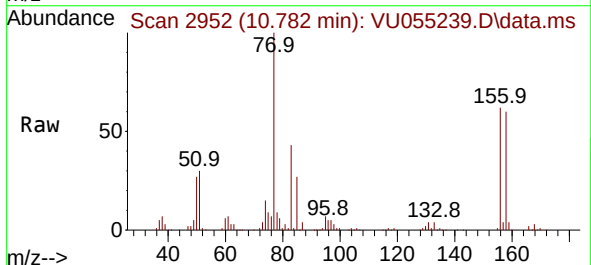
Tgt Ion: 75 Resp: 96442
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 43.3 0.0 74.6
97 22.9 0.0 40.0

Manual Integrations
APPROVED

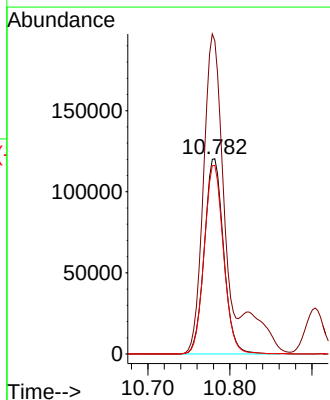
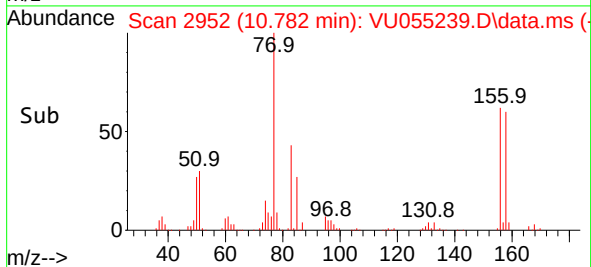
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

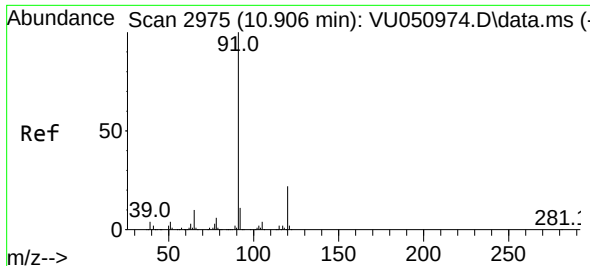


#72
Bromobenzene
Concen: 10.645 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52



Tgt Ion:156 Resp: 195955
Ion Ratio Lower Upper
156 100
77 167.0 0.0 343.0
158 96.9 0.0 194.8





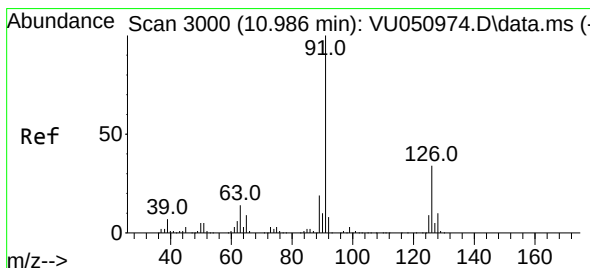
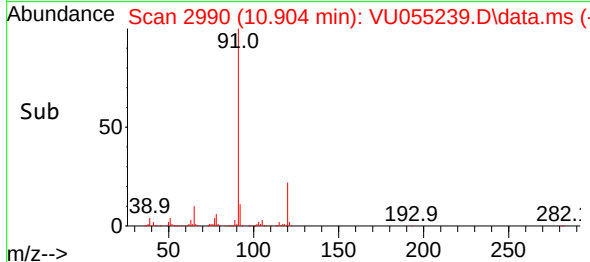
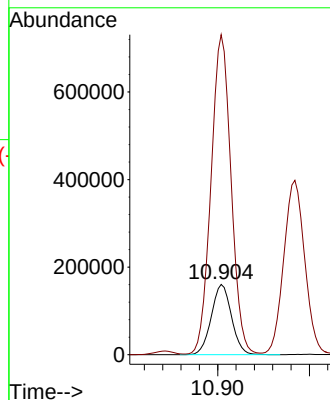
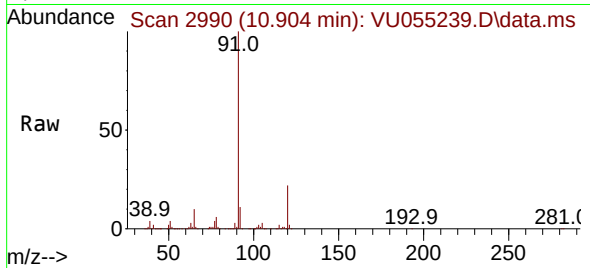
#73
n-propylbenzene
Concen: 11.253 ug/l
RT: 10.904 min Scan# 2975
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:120 Resp: 244735
Ion Ratio Lower Upper
120 100
91 451.5 369.8 554.6

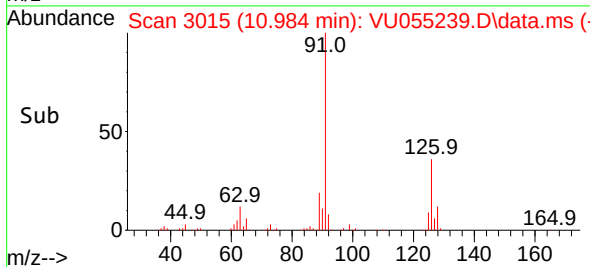
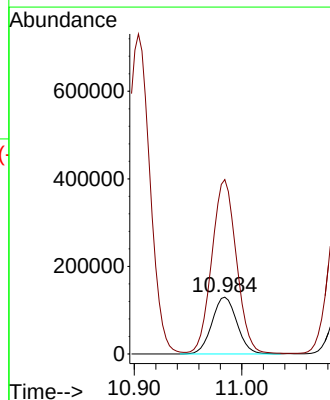
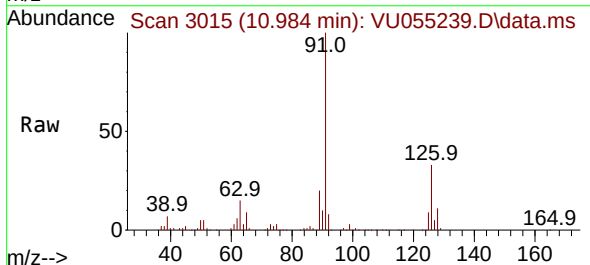
Manual Integrations
APPROVED

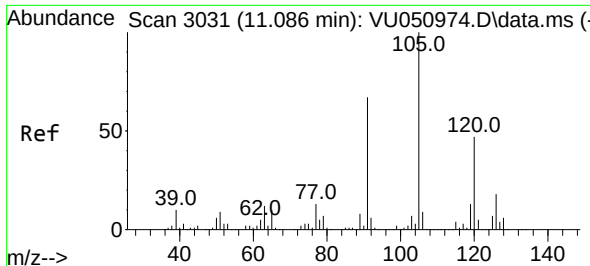
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#74
2-Chlorotoluene
Concen: 10.755 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

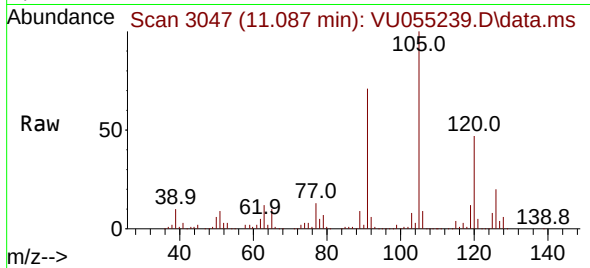
Tgt Ion:126 Resp: 208845
Ion Ratio Lower Upper
126 100
91 302.5 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 11.360 ug/l
RT: 11.087 min Scan# 3031
Delta R.T. 0.001 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

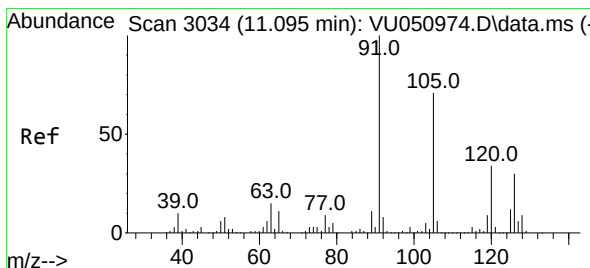
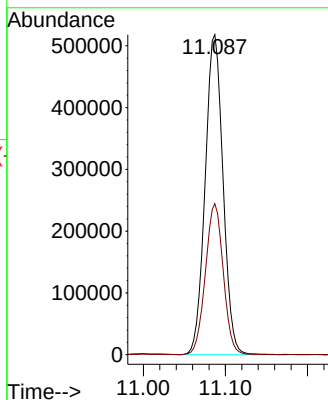
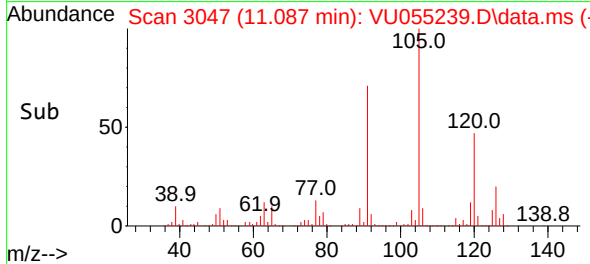
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



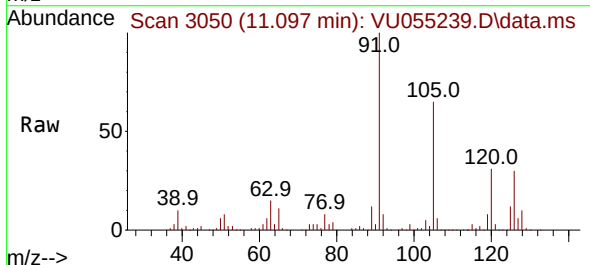
Tgt Ion:105 Resp: 782615
Ion Ratio Lower Upper
105 100
120 47.0 37.8 56.8

Manual Integrations
APPROVED

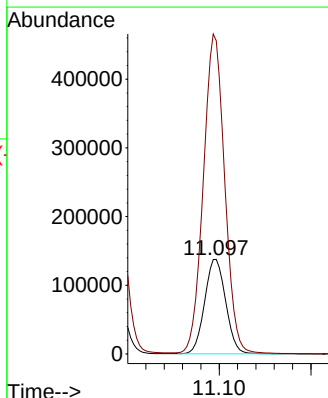
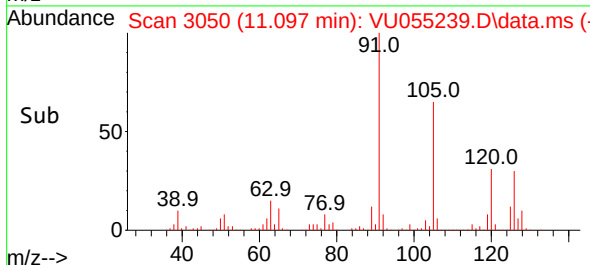
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

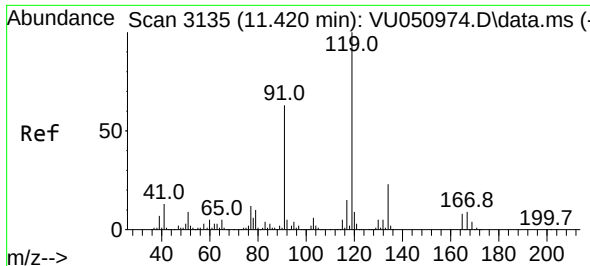


#76
4-Chlorotoluene
Concen: 10.981 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52



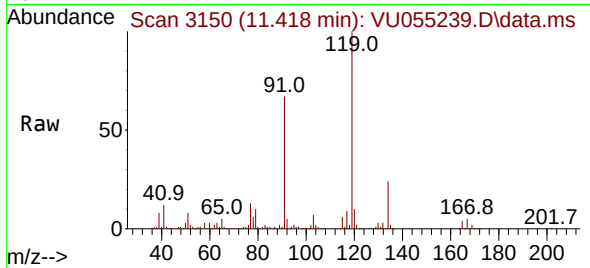
Tgt Ion:126 Resp: 218947
Ion Ratio Lower Upper
126 100
91 344.1 0.0 686.2





#77
 tert-Butylbenzene
 Concen: 11.010 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.002 min
 Lab File: VU055239.D
 Acq: 11 Sep 2023 16:52

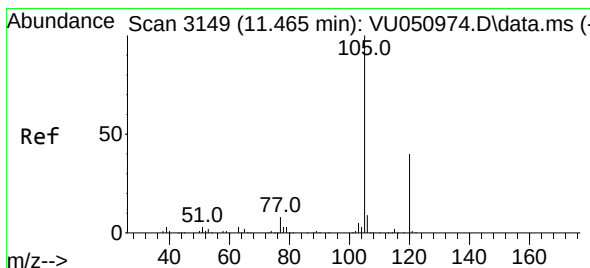
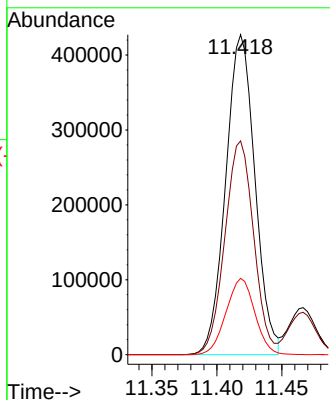
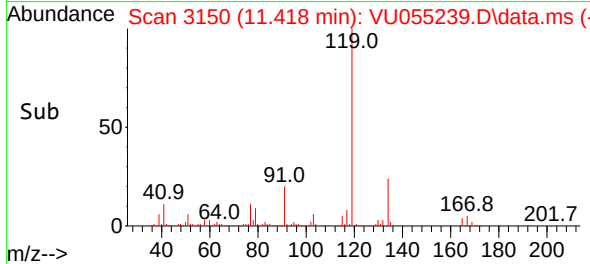
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:119 Resp: 67074
 Ion Ratio Lower Upper
 119 100
 91 65.6 30.8 92.4
 134 23.5 18.0 27.0

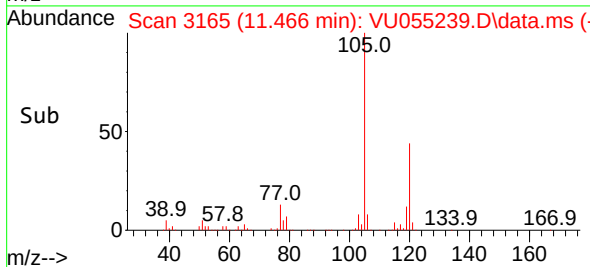
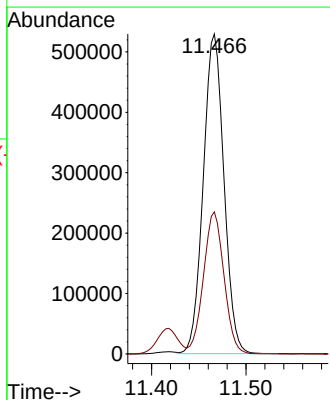
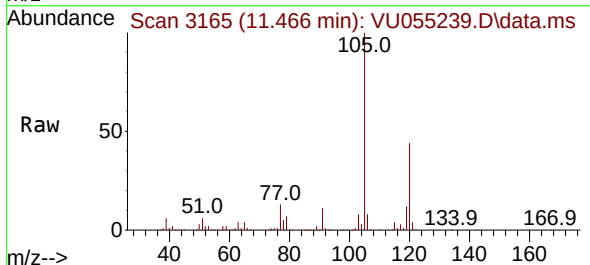
Manual Integrations
 APPROVED

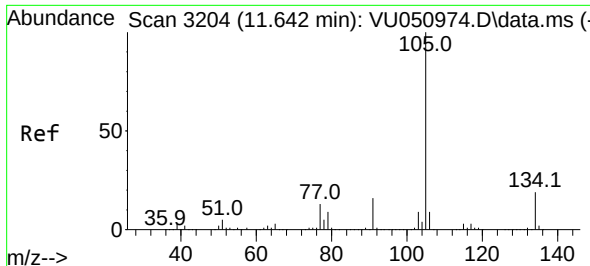
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#78
 1,2,4-Trimethylbenzene
 Concen: 11.504 ug/l
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.001 min
 Lab File: VU055239.D
 Acq: 11 Sep 2023 16:52

Tgt Ion:105 Resp: 803152
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 11.295 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: VU055239.D
 Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

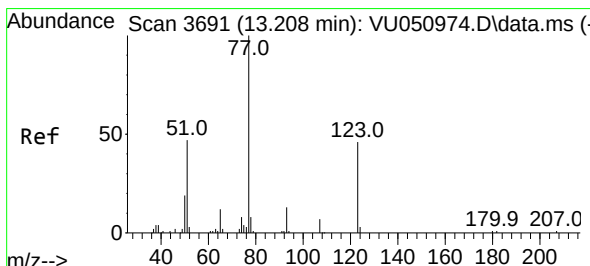
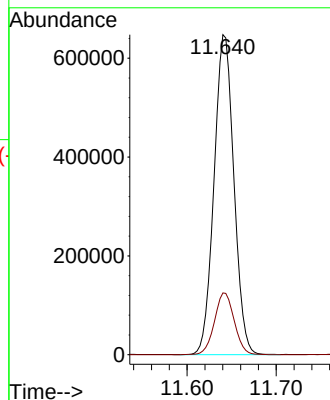
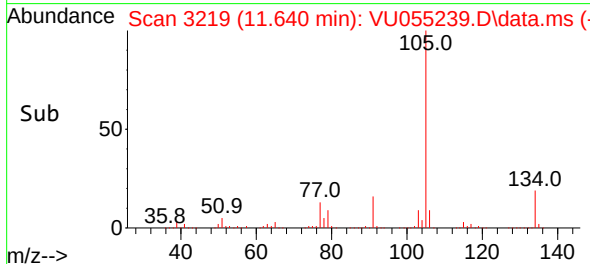
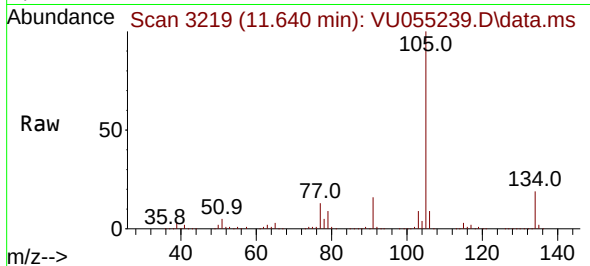
Tgt Ion:105 Resp: 100172
 Ion Ratio Lower Upper
 105 100
 134 19.3 14.9 22.3

Manual Integrations

APPROVED

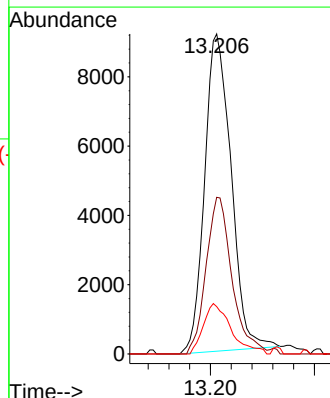
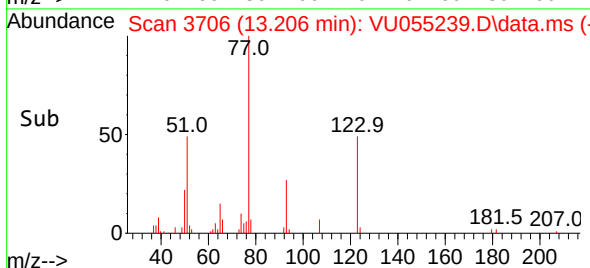
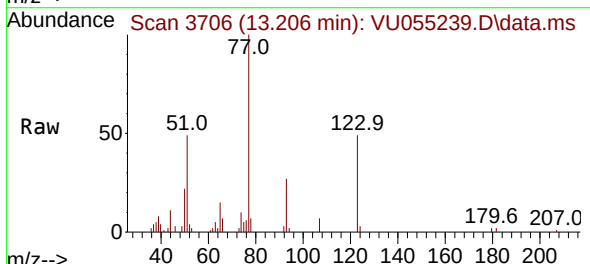
Reviewed By :John Carlone 09/12/2023

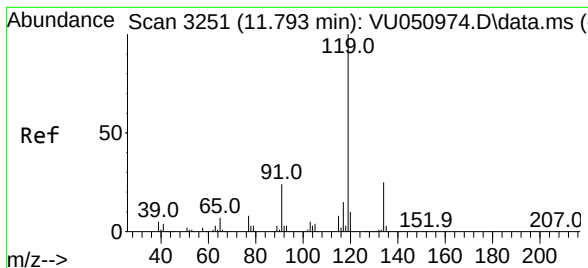
Supervised By :Mahesh Dadoda 09/12/2023



#80
 Nitrobenzene
 Concen: 53.713 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. -0.002 min
 Lab File: VU055239.D
 Acq: 11 Sep 2023 16:52

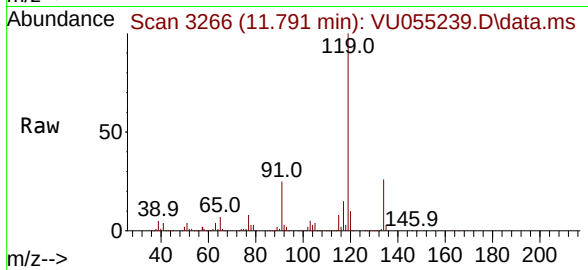
Tgt Ion: 77 Resp: 16218
 Ion Ratio Lower Upper
 77 100
 123 46.8 19.7 69.7
 65 16.7 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 11.493 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

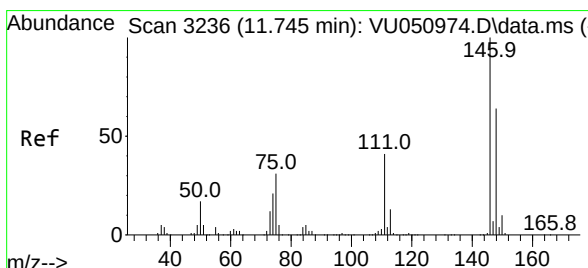
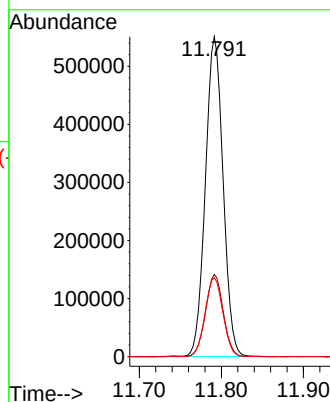
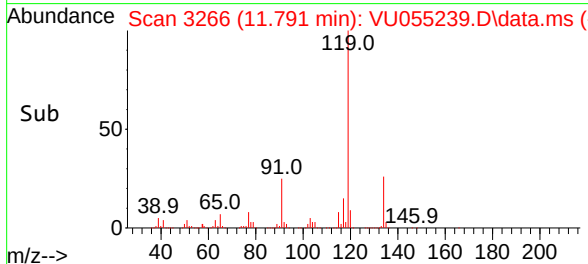
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 823212
Ion Ratio Lower Upper
119 100
134 25.7 20.2 30.4
91 24.9 19.3 28.9

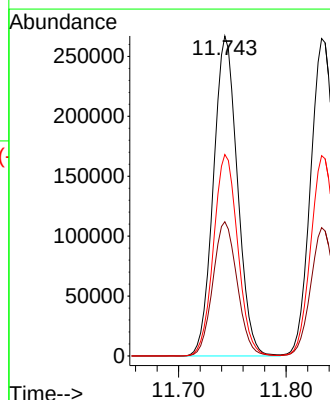
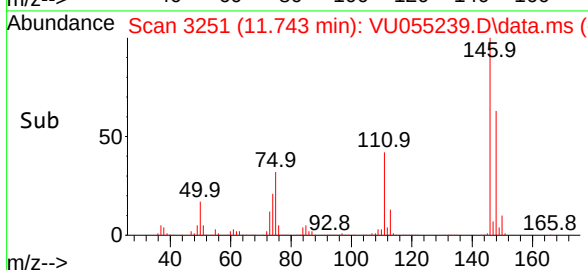
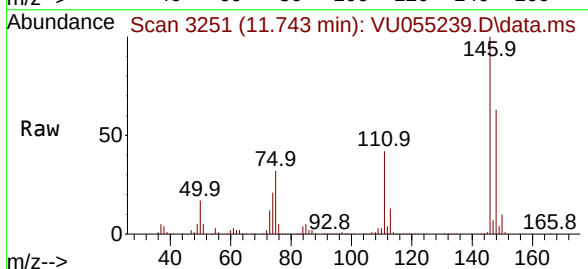
Manual Integrations
APPROVED

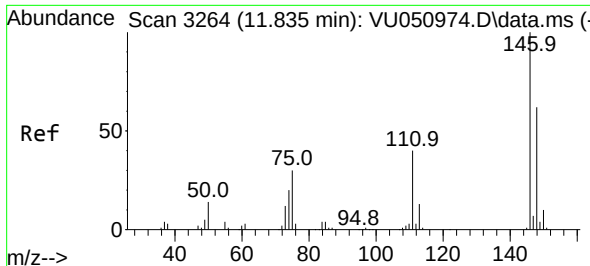
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#82
1,3-Dichlorobenzene
Concen: 10.503 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

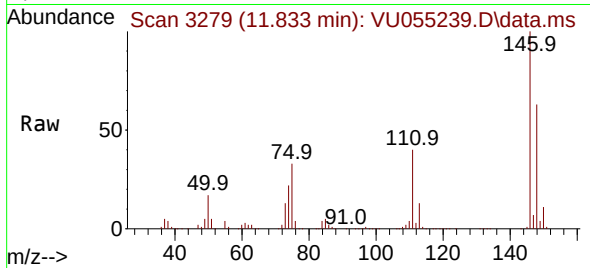
Tgt Ion:146 Resp: 414903
Ion Ratio Lower Upper
146 100
111 42.5 32.6 49.0
148 63.4 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.887 ug/l
RT: 11.833 min Scan# 31
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

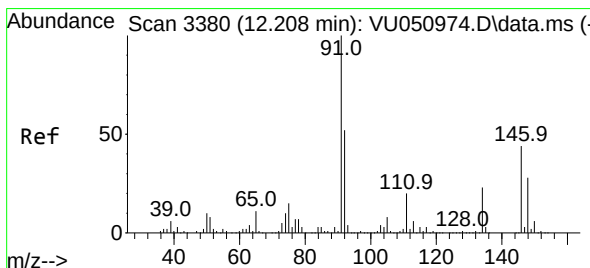
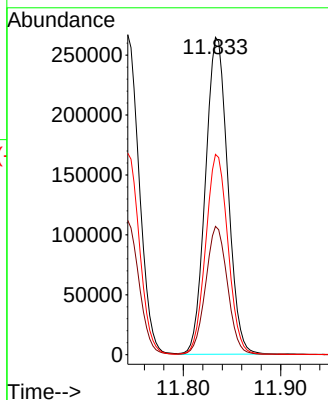
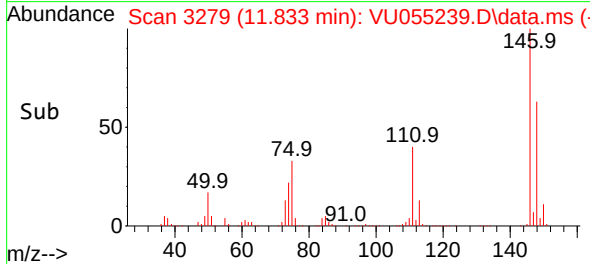
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



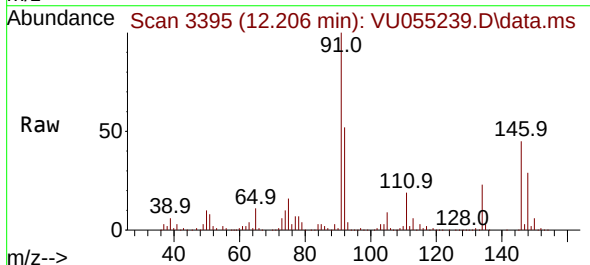
Tgt Ion:146 Resp: 42128
Ion Ratio Lower Upper
146 100
111 39.4 31.6 47.4
148 63.0 50.3 75.5

Manual Integrations
APPROVED

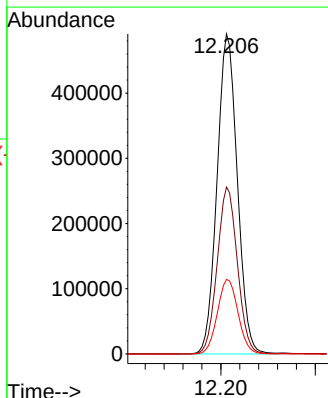
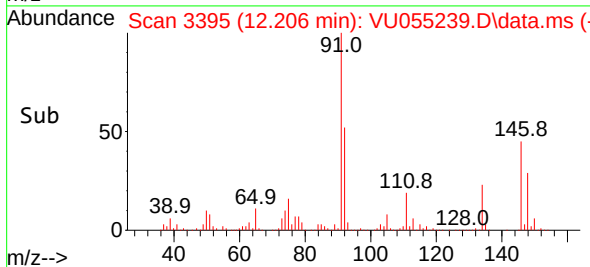
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

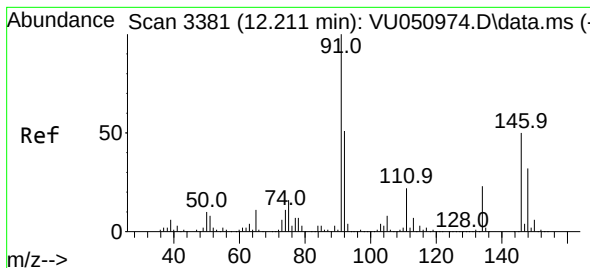


#84
n-Butylbenzene
Concen: 11.226 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.002 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52



Tgt Ion: 91 Resp: 730635
Ion Ratio Lower Upper
91 100
92 51.9 40.8 61.2
134 23.8 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 10.695 ug/l

RT: 12.209 min Scan# 31

Delta R.T. -0.002 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 38742

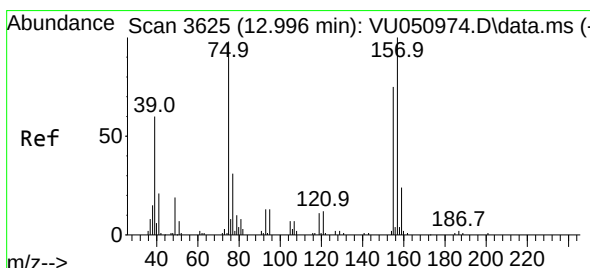
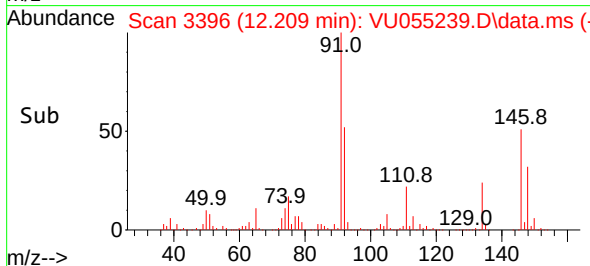
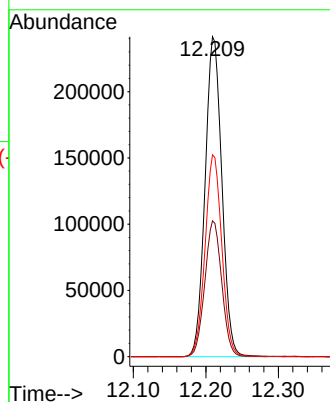
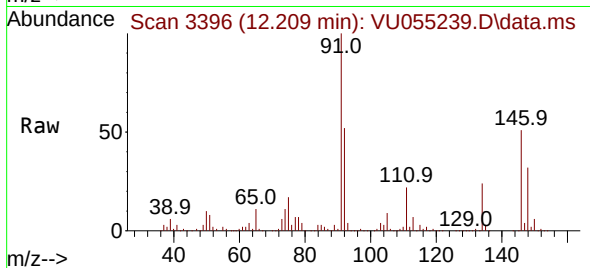
Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.6	64.6
148	63.0	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 11.276 ug/l

RT: 12.994 min Scan# 3640

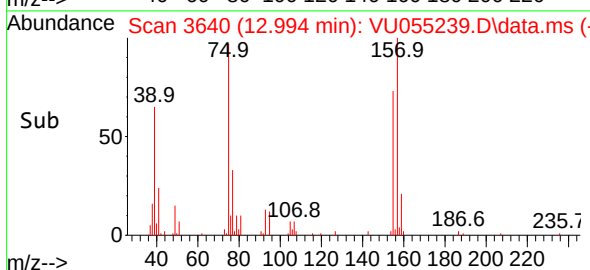
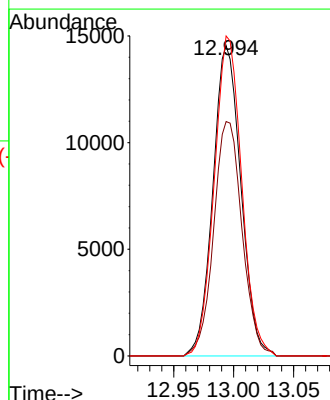
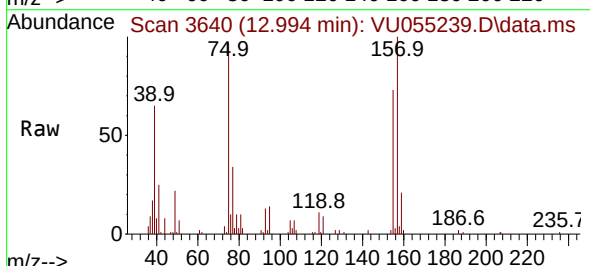
Delta R.T. -0.002 min

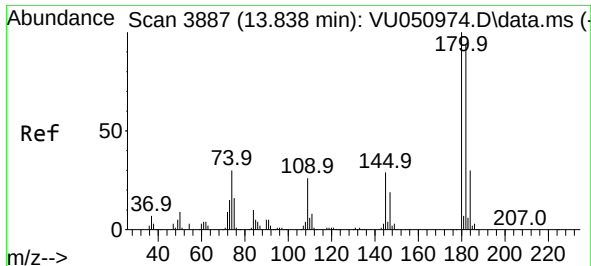
Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Tgt Ion: 75 Resp: 23543

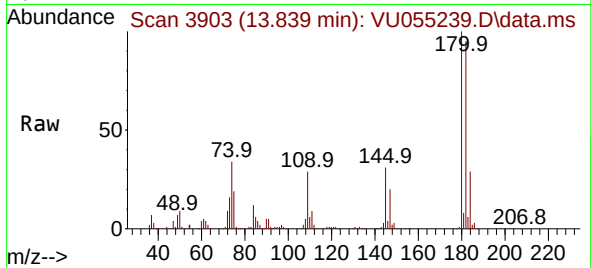
Ion	Ratio	Lower	Upper
75	100		
155	76.7	61.8	92.8
157	101.3	80.2	120.4





#87
1,2,4-Trichlorobenzene
Concen: 10.891 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.001 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

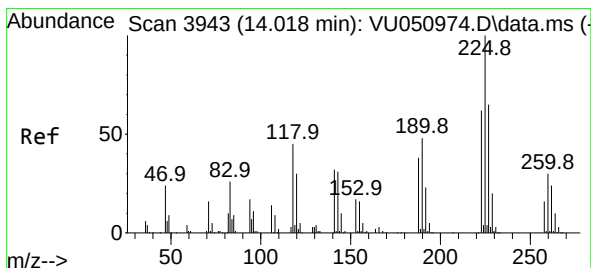
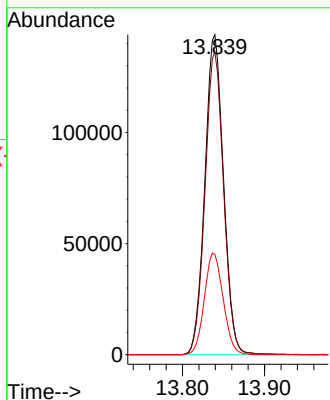
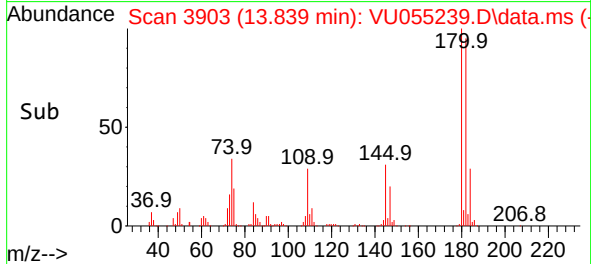
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 227580
Ion Ratio Lower Upper
180 100
182 94.4 75.8 113.6
145 32.0 23.9 35.9

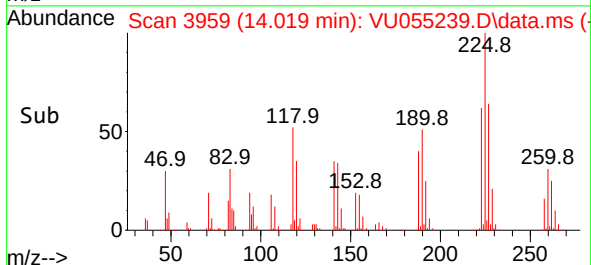
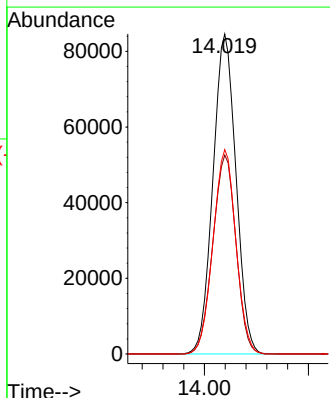
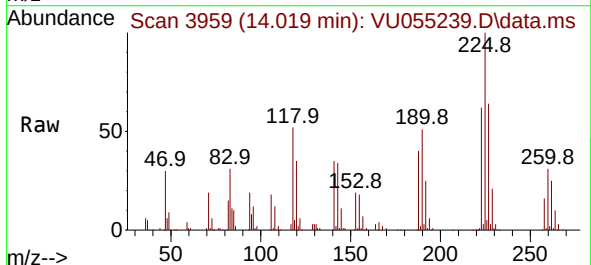
Manual Integrations
APPROVED

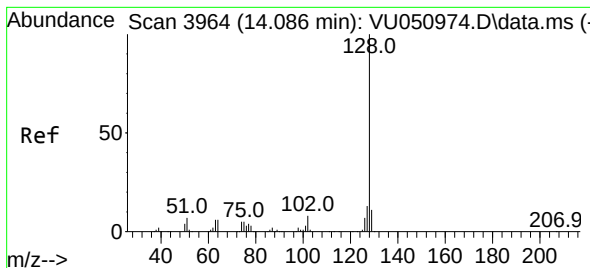
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#88
Hexachlorobutadiene
Concen: 9.747 ug/l
RT: 14.019 min Scan# 3959
Delta R.T. 0.001 min
Lab File: VU055239.D
Acq: 11 Sep 2023 16:52

Tgt Ion:225 Resp: 130226
Ion Ratio Lower Upper
225 100
223 62.4 50.2 75.4
227 63.5 51.5 77.3





#89

Naphthalene

Concen: 12.064 ug/l

RT: 14.084 min Scan# 3964

Delta R.T. -0.002 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

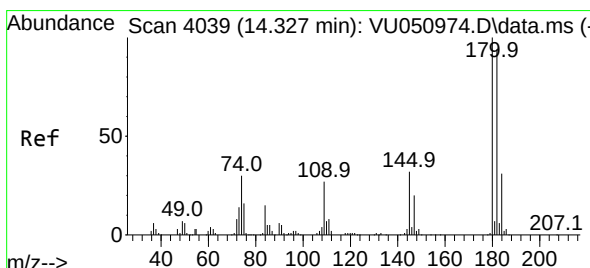
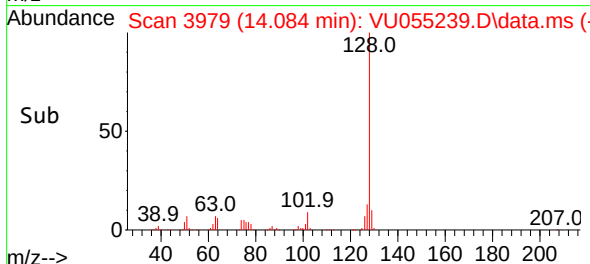
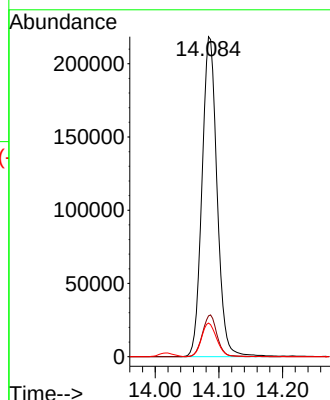
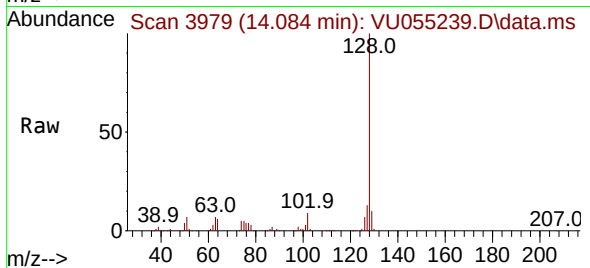
Tgt Ion:128	Resp: 35989
Ion Ratio	Lower Upper
128 100	
127 12.7	10.9 16.3
129 10.6	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#90

1,2,3-Trichlorobenzene

Concen: 11.137 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.001 min

Lab File: VU055239.D

Acq: 11 Sep 2023 16:52

Tgt Ion:180	Resp: 201756
Ion Ratio	Lower Upper
180 100	
182 96.0	75.7 113.5
145 34.3	26.1 39.1

