

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053155.D
 Acq On : 27 Feb 2023 16:16
 Operator : JC/MD
 Sample : VU0227WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0227WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 03:52:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	26885	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11048	0.974	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	9589	1.066	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	12955	1.898	ug/l	97
3) Chloromethane	1.521	50	12125	1.724	ug/l	96
4) Vinyl Chloride	1.604	62	13617	1.819	ug/l	96
5) Bromomethane	1.858	94	8219	1.929	ug/l	94
6) Chloroethane	1.936	64	8993	1.977	ug/l	95
7) Trichlorofluoromethane	2.141	101	19581	1.817	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	12770	1.895	ug/l	96
9) 1,1-Dichloroethene	2.582	96	10961	1.873	ug/l	99
10) Iodomethane	2.723	142	10368	1.722	ug/l	99
11) Allyl Chloride	2.923	41	15260	1.670	ug/l	97
12) Acrylonitrile	3.318	53	5962	3.979	ug/l	95
13) Acetone	2.640	43	17691	8.258	ug/l	97
14) Carbon Disulfide	2.794	76	24832	1.849	ug/l	97
15) Methylene Chloride	3.045	84	17722	2.119	ug/l	97
16) trans-1,2-Dichloroethene	3.350	96	11652	1.811	ug/l	95
17) 1,1-Dichloroethane	3.868	63	25823	1.835	ug/l	99
18) 2-Butanone	4.717	43	22428	8.720	ug/l	95
19) Cyclohexane	5.382	56	20209m	1.798	ug/l	
20) Methylcyclohexane	6.755	83	20484	1.899	ug/l	98
21) 2,2-Dichloropropane	4.662	77	23457	1.902	ug/l	97
22) cis-1,2-Dichloroethene	4.662	96	14952	1.883	ug/l	95
23) Diethyl Ether	2.376	59	8513	1.778	ug/l	93
24) tert-Butyl Alcohol	3.228	59	11079m	19.695	ug/l	
25) Methyl tert-Butyl Ether	3.363	73	31906	1.875	ug/l	98
26) Bromochloromethane	4.971	128	5621	1.831	ug/l	92
27) Chloroform	5.083	83	26465	1.825	ug/l	96
28) 1,1,1-Trichloroethane	5.312	97	21771	1.787	ug/l	97
29) 1,1-Dichloropropene	5.521	75	16592	1.817	ug/l	99
30) Carbon Tetrachloride	5.521	117	14570	1.737	ug/l	97
31) Isopropyl Ether	3.993	45	40065	1.784	ug/l	99
32) Ethyl-t-butyl ether	4.505	59	38067	1.789	ug/l	100
33) Tert-Amyl methyl ether	5.942	73	29933	1.772	ug/l	99
34) Propionitrile	4.788	54	5841	9.763	ug/l #	90
35) Benzene	5.771	78	50122	1.860	ug/l	99
36) 1,2-Dichloroethane	5.791	62	14386	1.786	ug/l	99
37) Trichloroethene	6.540	130	12099	1.957	ug/l	98
38) 1,2-Dichloropropane	6.787	63	14677	1.884	ug/l	96
39) Methacrylonitrile	4.974	41	4455	1.746	ug/l #	88
40) Methyl acrylate	4.849	55	7224	1.831	ug/l #	93
41) Tetrahydrofuran	5.064	42	5313	4.246	ug/l #	90
42) 1-Chlorobutane	5.453	56	23209	1.826	ug/l	100
43) Dibromomethane	6.916	93	6205	1.797	ug/l	97
44) Bromodichloromethane	7.106	83	17441	1.846	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053155.D
 Acq On : 27 Feb 2023 16:16
 Operator : JC/MD
 Sample : VU0227WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0227WBSD01

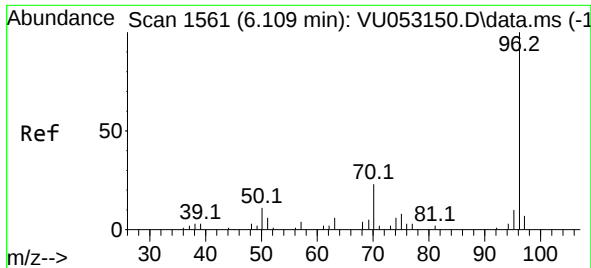
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 03:52:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.794	43	40306	9.560	ug/l	99
46) t-1,4-Dichloro-2-butene	10.826	75	8296m	3.905	ug/l	
47) Methyl methacrylate	6.964	69	13683	3.850	ug/l	96
48) Ethyl methacrylate	8.334	69	14249	1.954	ug/l	100
49) Toluene	7.967	92	31029	1.870	ug/l	93
50) t-1,3-Dichloropropene	8.209	75	17523	1.910	ug/l	98
51) cis-1,3-Dichloropropene	7.604	75	20159	1.813	ug/l	99
52) 1,1,2-Trichloroethane	8.398	97	10491	2.068	ug/l	90
53) 1,3-Dichloropropane	8.575	76	17144	1.885	ug/l	96
54) 2-Hexanone	8.688	43	32007	8.910	ug/l	99
55) Dibromochloromethane	8.807	129	10602	1.832	ug/l	100
56) 1,2-Dibromoethane	8.922	107	8902	1.976	ug/l	100
58) Tetrachloroethene	8.549	164	9475	1.922	ug/l	98
59) Chlorobenzene	9.443	112	35353	1.906	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.530	131	11679	1.906	ug/l	99
61) Pentachloroethane	11.424	117	10310	1.936	ug/l	98
62) Hexachloroethane	12.472	117	10566	1.800	ug/l	95
63) Ethyl Benzene	9.565	91	65837	1.923	ug/l	99
64) m/p-Xylenes	9.691	106	47986	3.864	ug/l	100
65) o-Xylene	10.096	106	24347	1.920	ug/l	97
66) Styrene	10.112	104	38683	1.924	ug/l	99
67) Bromoform	10.286	173	5016	1.782	ug/l	99
69) Isopropylbenzene	10.482	105	65256	1.921	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	13291	1.944	ug/l	100
71) 1,2,3-Trichloropropane	10.823	75	11566m	1.966	ug/l	
72) Bromobenzene	10.778	156	12594	1.911	ug/l	97
73) n-propylbenzene	10.903	120	17734	1.968	ug/l	98
74) 2-Chlorotoluene	10.983	126	15222	2.040	ug/l	91
75) 1,3,5-Trimethylbenzene	11.083	105	53918	1.908	ug/l	100
76) 4-Chlorotoluene	11.093	126	15418	1.966	ug/l	88
77) tert-Butylbenzene	11.418	119	52146	1.883	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	54914	1.906	ug/l	99
79) sec-Butylbenzene	11.639	105	73330	1.908	ug/l	100
80) Nitrobenzene	13.208	77	2961	8.288	ug/l #	80
81) p-Isopropyltoluene	11.790	119	57688	1.895	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	28208	1.949	ug/l	99
83) 1,4-Dichlorobenzene	11.832	146	28488	1.928	ug/l	97
84) n-Butylbenzene	12.205	91	62779	1.990	ug/l	98
85) 1,2-Dichlorobenzene	12.208	146	27430	1.988	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.993	75	2160	1.995	ug/l	91
87) 1,2,4-Trichlorobenzene	13.839	180	17063	2.015	ug/l	98
88) Hexachlorobutadiene	14.015	225	8127	1.965	ug/l	99
89) Naphthalene	14.086	128	36867	2.047	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	14624	1.963	ug/l	94

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



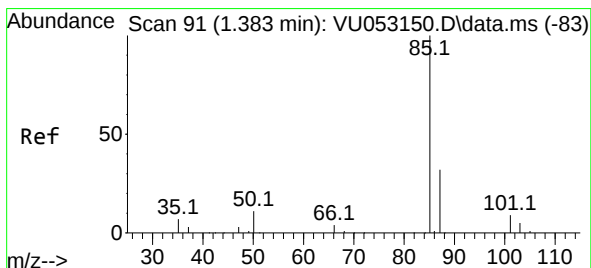
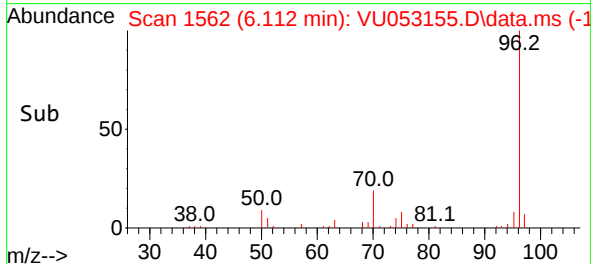
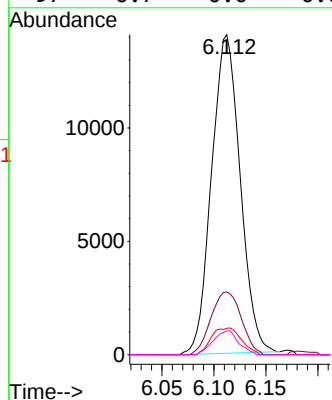
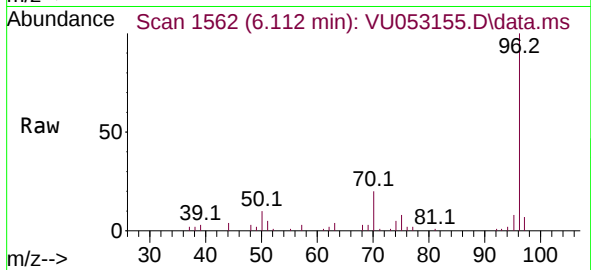
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1561
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

Tgt Ion: 96 Resp: 2688
Ion Ratio Lower Upper
96 100
70 20.9 15.5 23.3
95 8.8 7.0 10.6
97 6.7 0.0 0.0#

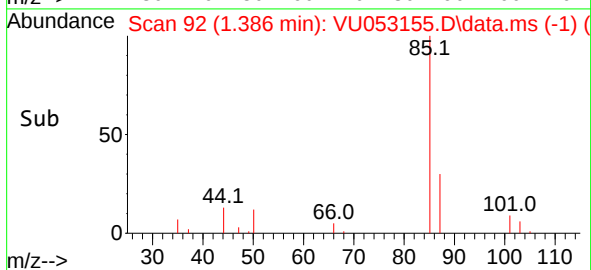
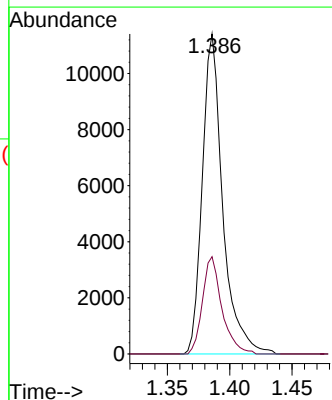
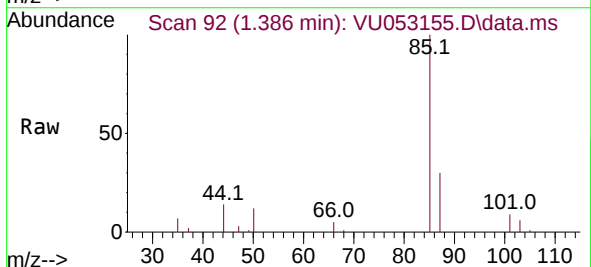
Manual Integrations
APPROVED

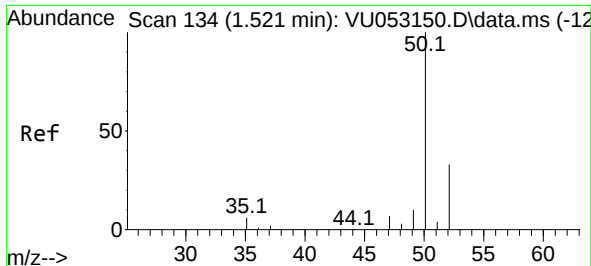
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#2
Dichlorodifluoromethane
Concen: 1.898 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 85 Resp: 12955
Ion Ratio Lower Upper
85 100
87 30.4 16.1 48.2





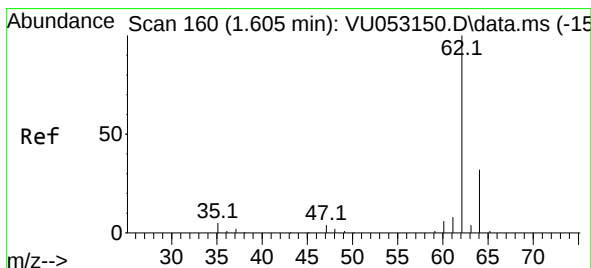
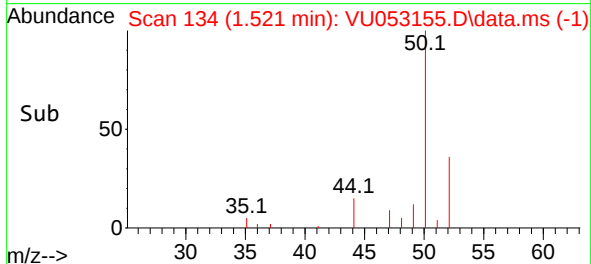
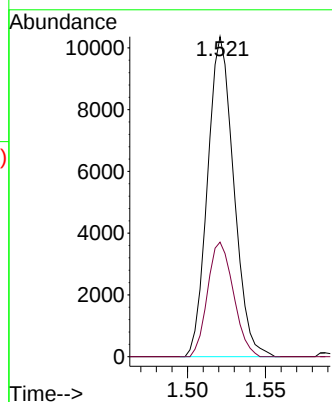
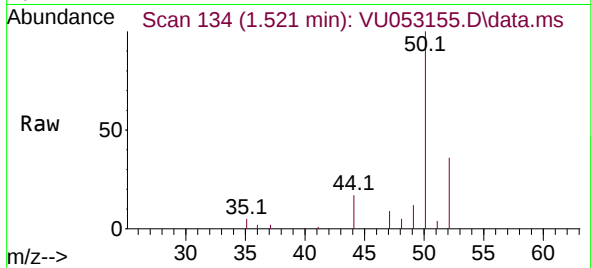
#3
Chloromethane
Concen: 1.724 ug/l
RT: 1.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

Tgt Ion: 50 Resp: 1212
Ion Ratio Lower Upper
50 100
52 35.8 26.7 40.1

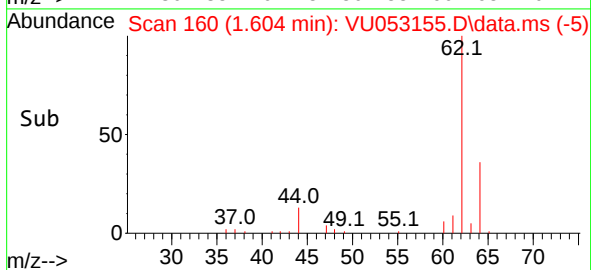
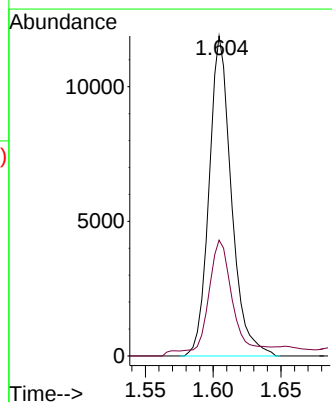
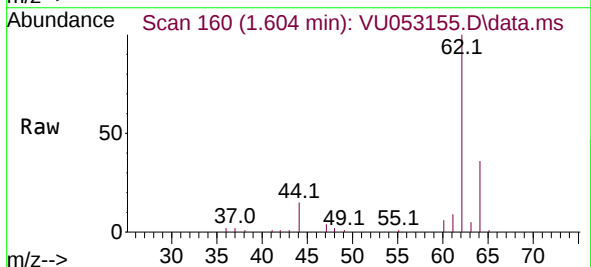
Manual Integrations
APPROVED

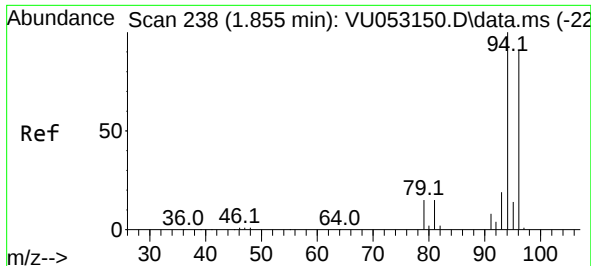
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#4
Vinyl Chloride
Concen: 1.819 ug/l
RT: 1.604 min Scan# 160
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 62 Resp: 13617
Ion Ratio Lower Upper
62 100
64 34.7 25.8 38.6





#5

Bromomethane

Concen: 1.929 ug/l

RT: 1.858 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

Tgt Ion: 94 Resp: 8219

Ion Ratio Lower Upper

94 100

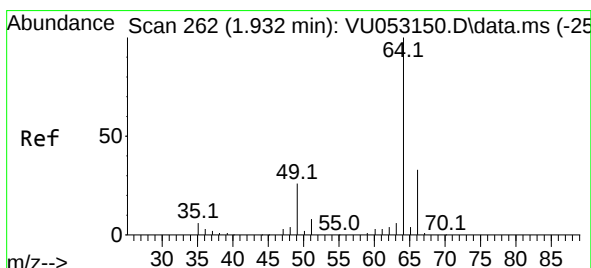
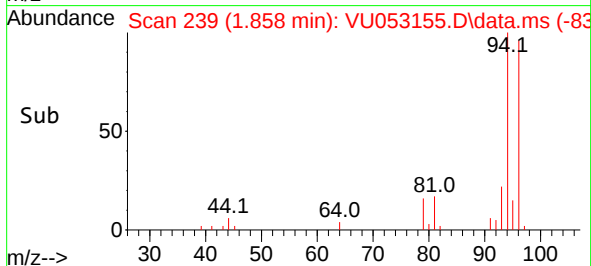
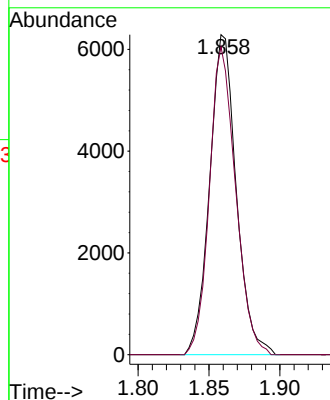
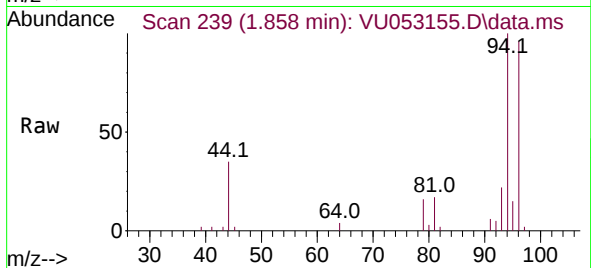
96 96.2 72.6 108.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#6

Chloroethane

Concen: 1.977 ug/l

RT: 1.936 min Scan# 263

Delta R.T. 0.003 min

Lab File: VU053155.D

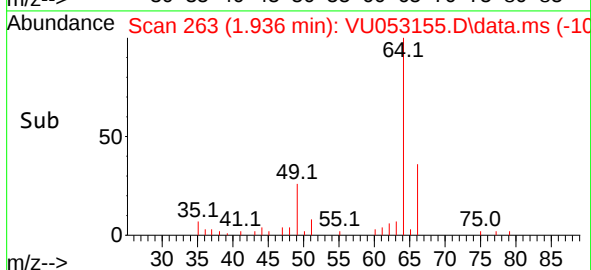
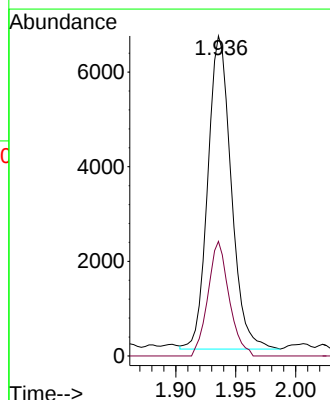
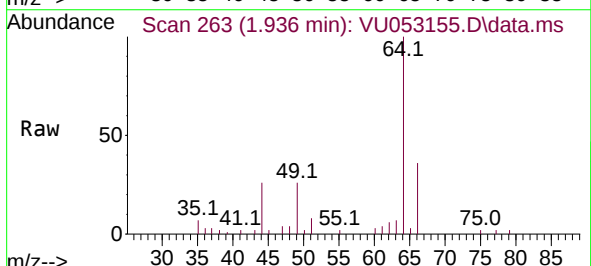
Acq: 27 Feb 2023 16:16

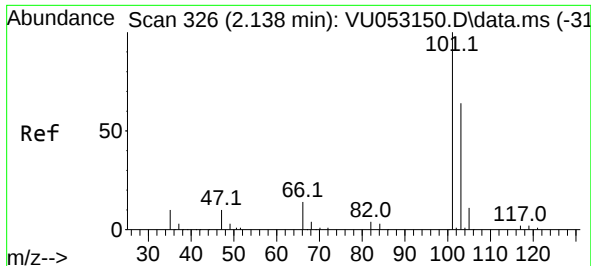
Tgt Ion: 64 Resp: 8993

Ion Ratio Lower Upper

64 100

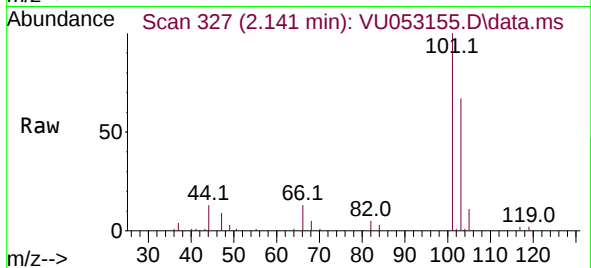
66 36.6 26.8 40.2





#7
Trichlorofluoromethane
Concen: 1.817 ug/l
RT: 2.141 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

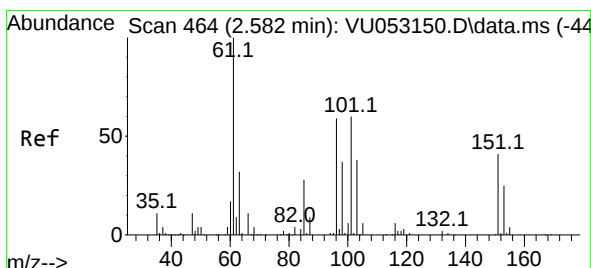
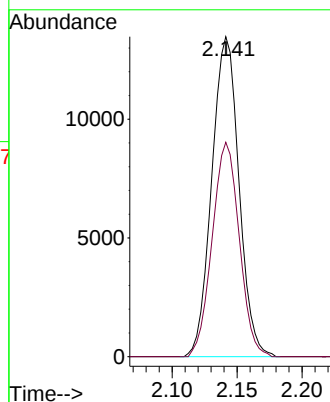
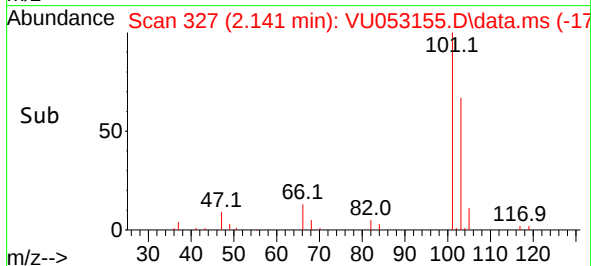
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



Tgt Ion:101 Resp: 1958
Ion Ratio Lower Upper
101 100
103 67.0 51.2 76.8

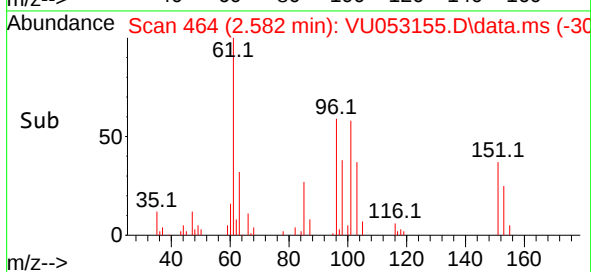
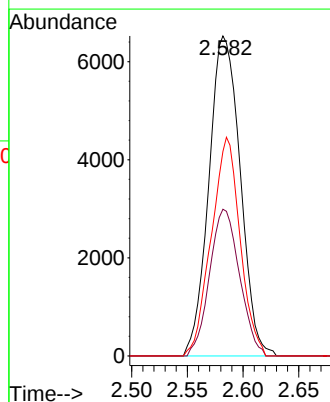
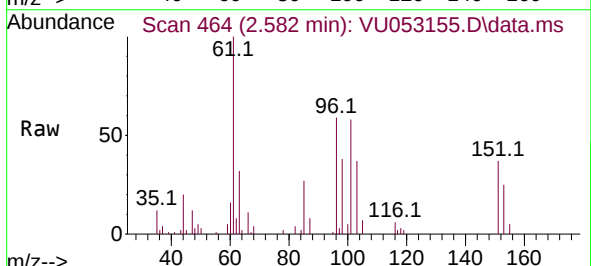
Manual Integrations
APPROVED

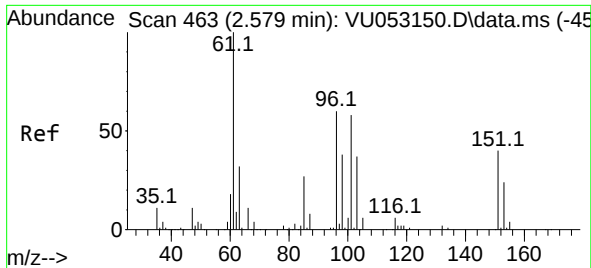
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.895 ug/l
RT: 2.582 min Scan# 464
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

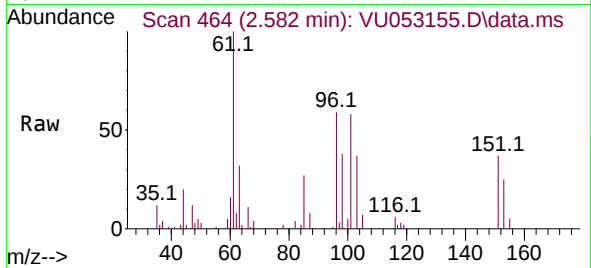
Tgt Ion:101 Resp: 12770
Ion Ratio Lower Upper
101 100
85 43.8 37.3 55.9
151 62.8 52.4 78.6





#9
1,1-Dichloroethene
Concen: 1.873 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

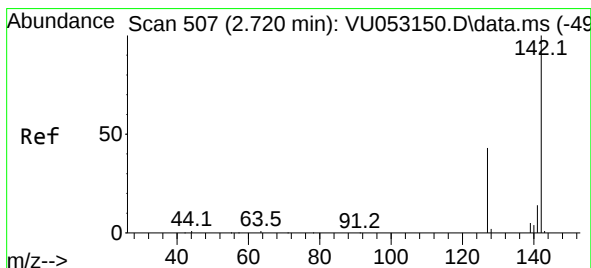
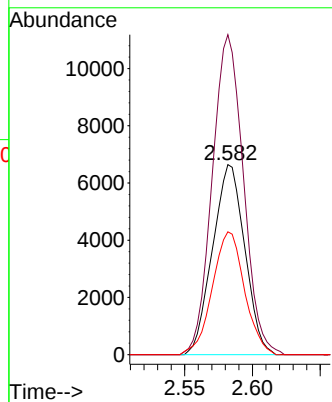
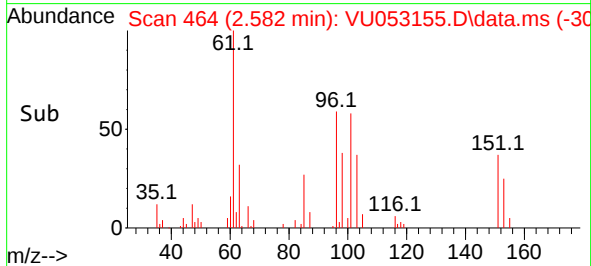
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



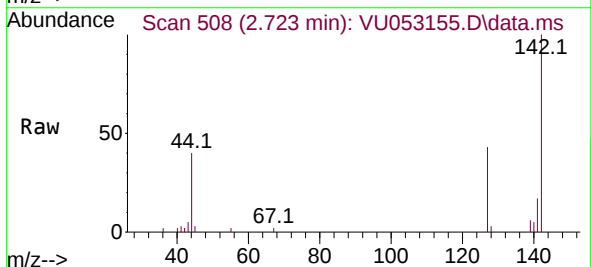
Tgt Ion: 96 Resp: 1096
Ion Ratio Lower Upper
96 100
61 168.3 0.0 502.5
98 64.6 0.0 126.2

Manual Integrations
APPROVED

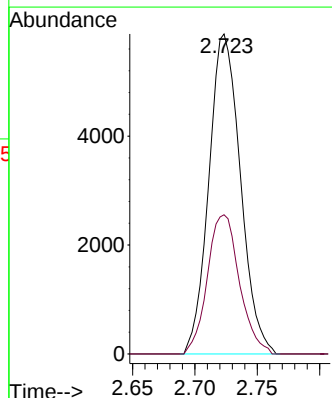
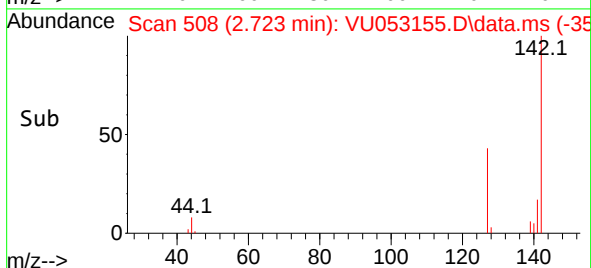
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

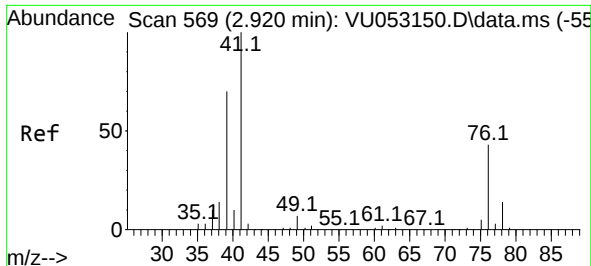


#10
Iodomethane
Concen: 1.722 ug/l
RT: 2.723 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16



Tgt Ion:142 Resp: 10368
Ion Ratio Lower Upper
142 100
127 44.1 35.8 53.8





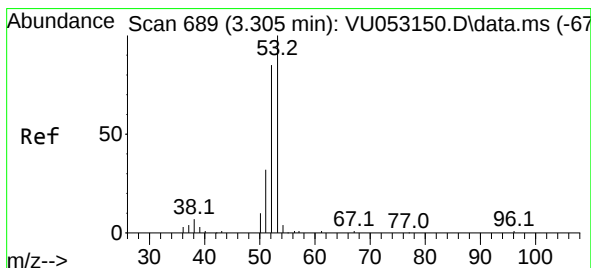
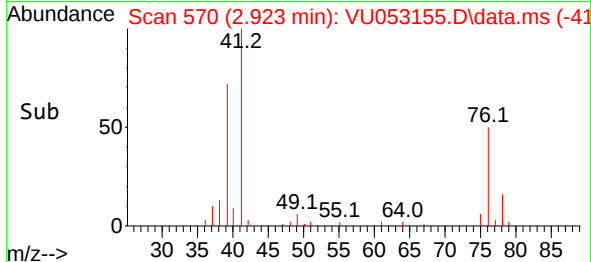
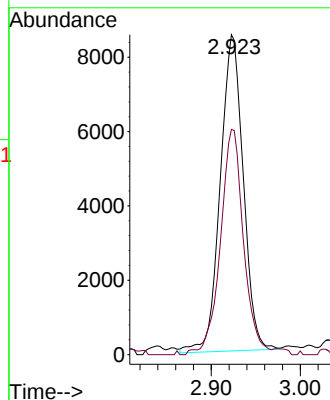
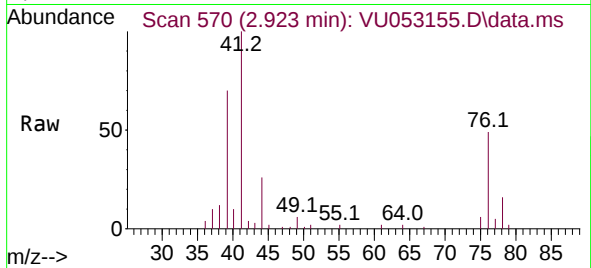
#11
 Allyl Chloride
 Concen: 1.670 ug/l
 RT: 2.923 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VU053155.D
 Acq: 27 Feb 2023 16:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0227WBSD01

Tgt Ion: 41 Resp: 15260
 Ion Ratio Lower Upper
 41 100
 39 71.6 55.3 82.9

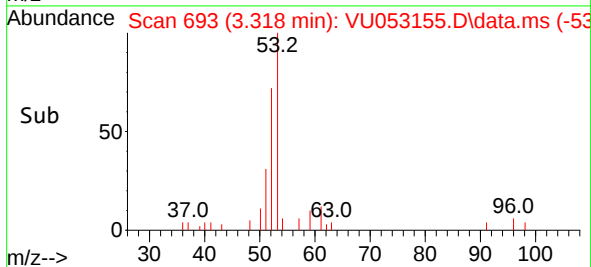
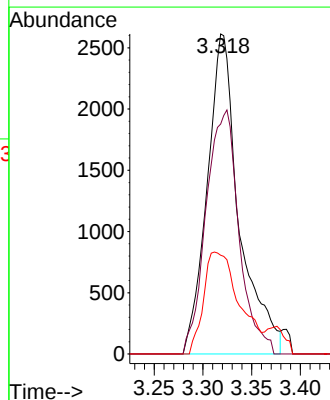
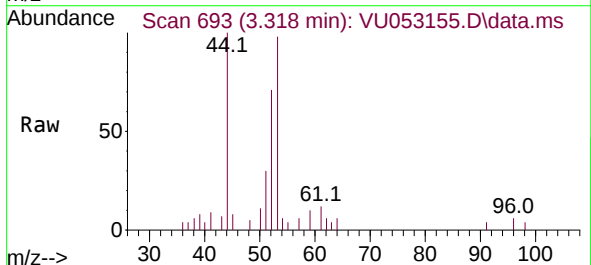
Manual Integrations
 APPROVED

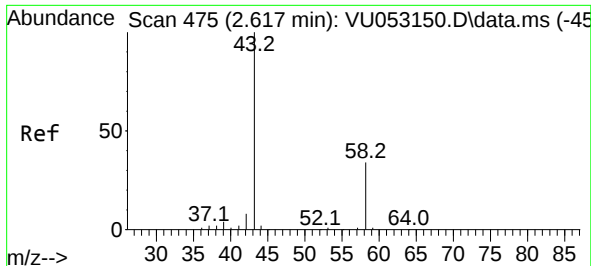
Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#12
 Acrylonitrile
 Concen: 3.979 ug/l
 RT: 3.318 min Scan# 693
 Delta R.T. 0.013 min
 Lab File: VU053155.D
 Acq: 27 Feb 2023 16:16

Tgt Ion: 53 Resp: 5962
 Ion Ratio Lower Upper
 53 100
 52 78.4 65.9 98.9
 51 35.5 31.8 47.8





#13

Acetone

Concen: 8.258 ug/l

RT: 2.640 min Scan# 41

Delta R.T. 0.022 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

Tgt Ion: 43 Resp: 1769

Ion Ratio Lower Upper

43 100

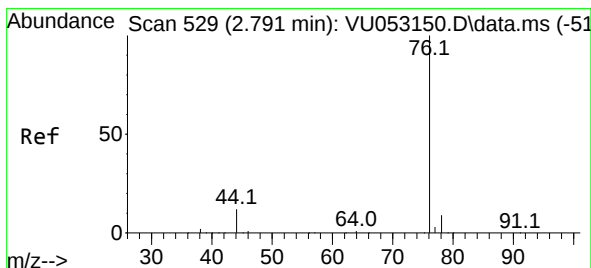
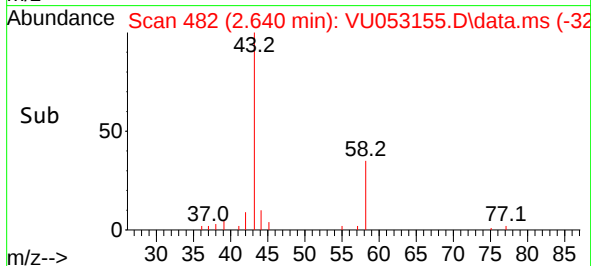
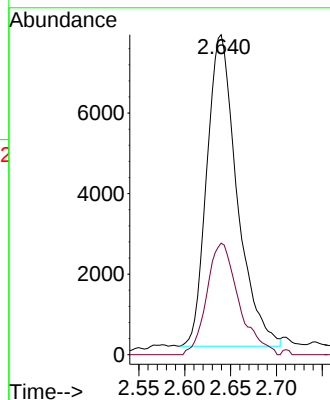
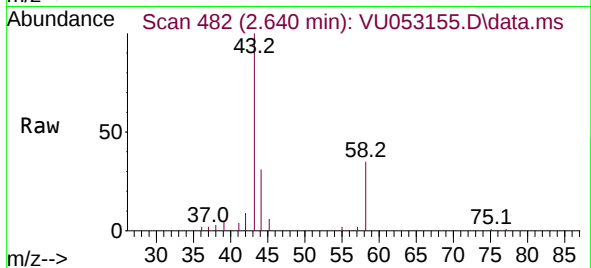
58 35.8 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#14

Carbon Disulfide

Concen: 1.849 ug/l

RT: 2.794 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053155.D

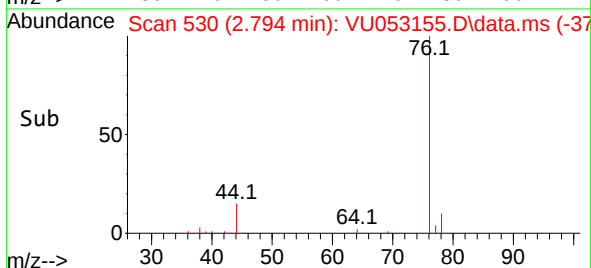
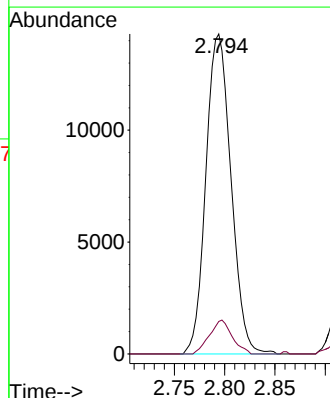
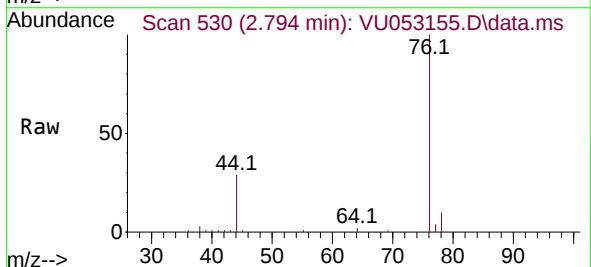
Acq: 27 Feb 2023 16:16

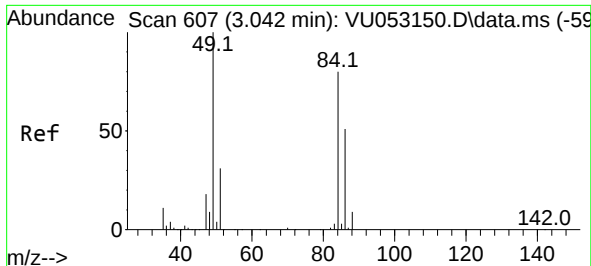
Tgt Ion: 76 Resp: 24832

Ion Ratio Lower Upper

76 100

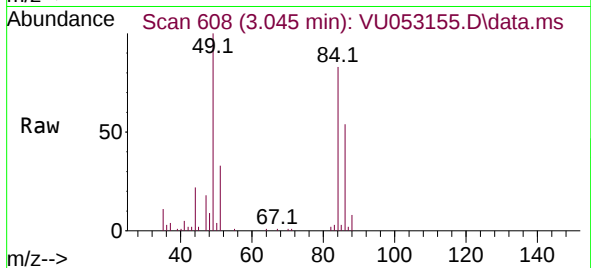
78 10.1 7.2 10.8





#15
Methylene Chloride
Concen: 2.119 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

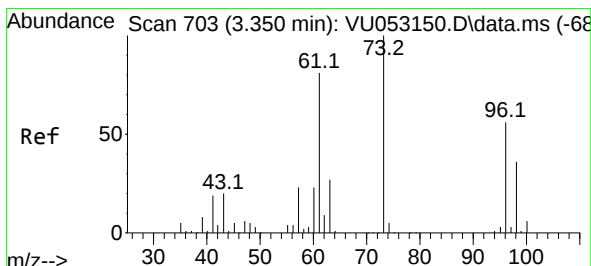
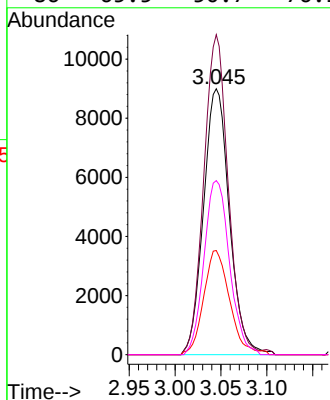
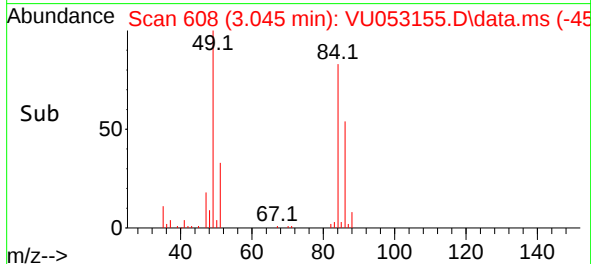
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



Tgt Ion: 84 Resp: 1772
Ion Ratio Lower Upper
84 100
49 120.3 99.5 149.3
51 39.2 0.0 76.8
86 65.5 50.7 76.1

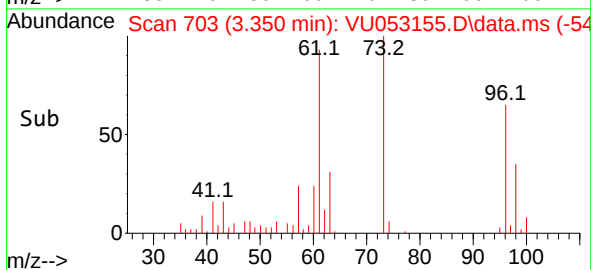
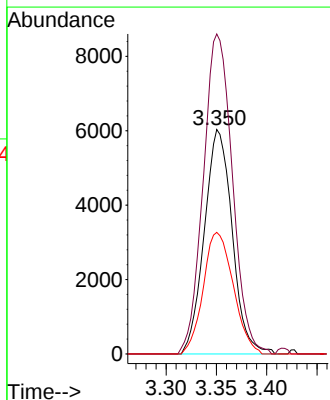
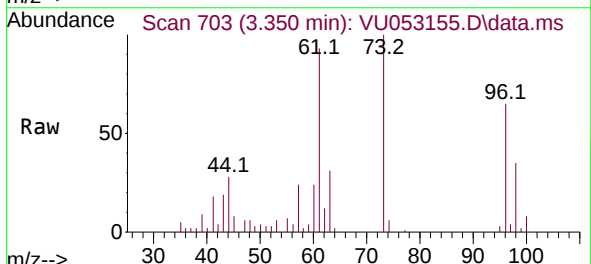
Manual Integrations
APPROVED

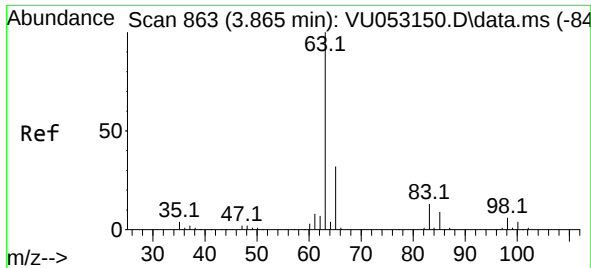
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#16
trans-1,2-Dichloroethene
Concen: 1.811 ug/l
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

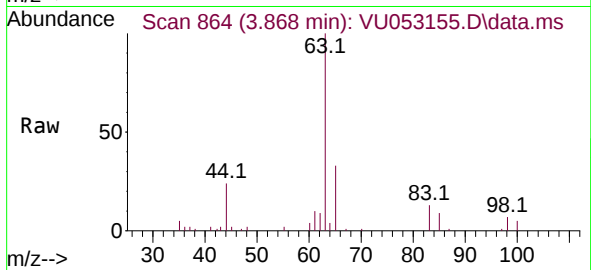
Tgt Ion: 96 Resp: 11652
Ion Ratio Lower Upper
96 100
61 142.6 116.1 174.1
98 54.2 51.4 77.2





#17
1,1-Dichloroethane
Concen: 1.835 ug/l
RT: 3.868 min Scan# 864
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

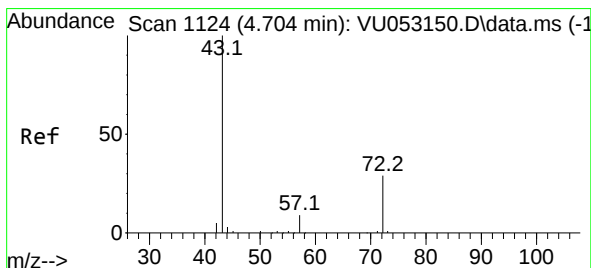
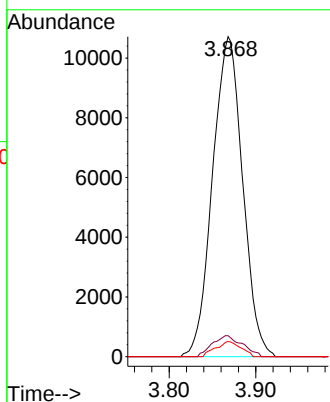
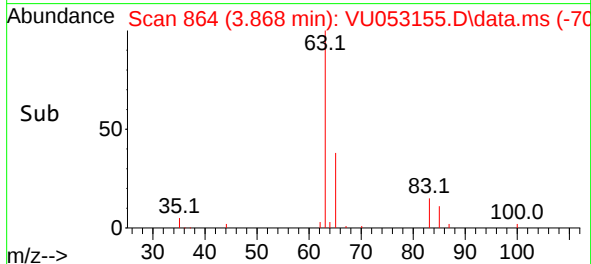
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



Tgt Ion: 63 Resp: 2582
Ion Ratio Lower Upper
63 100
98 6.6 3.1 9.4
100 4.8 2.1 6.2

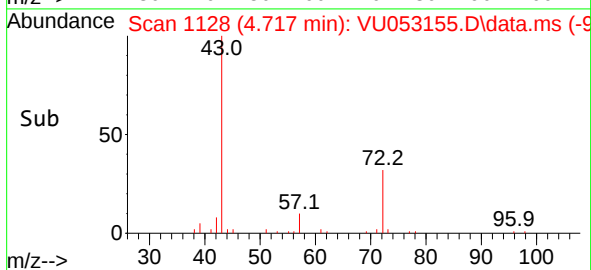
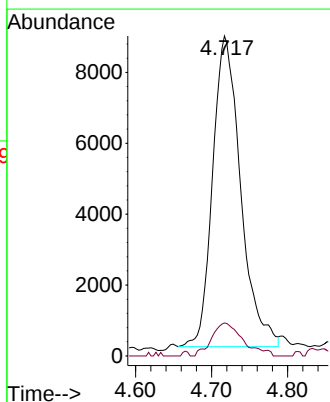
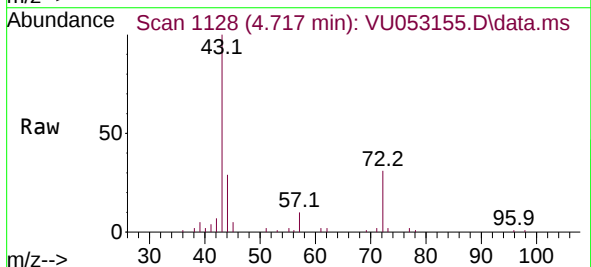
Manual Integrations
APPROVED

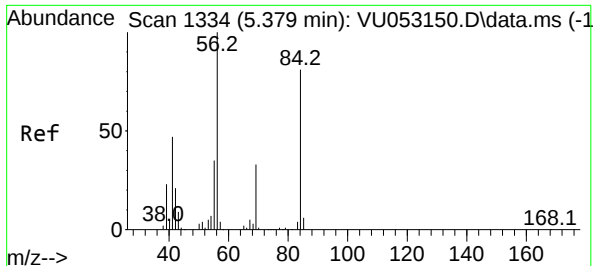
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#18
2-Butanone
Concen: 8.720 ug/l
RT: 4.717 min Scan# 1128
Delta R.T. 0.013 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 43 Resp: 22428
Ion Ratio Lower Upper
43 100
57 10.6 0.0 17.6





#19

Cyclohexane

Concen: 1.798 ug/l m

RT: 5.382 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053155.D

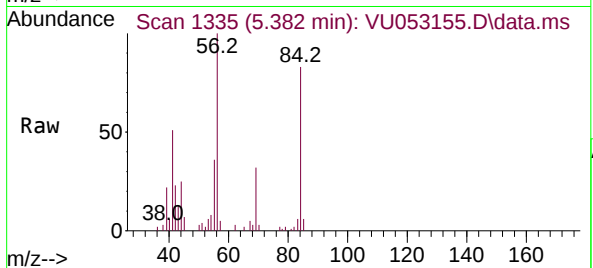
Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01



Tgt Ion: 56 Resp: 20209

Ion Ratio Lower Upper

56 100

69 31.7 26.1 39.1

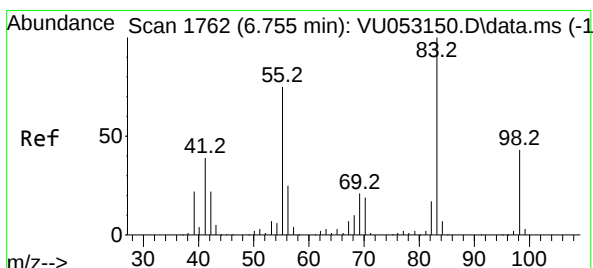
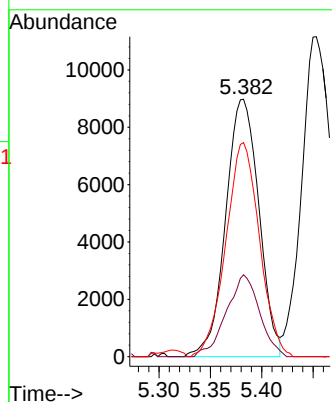
84 84.0 64.7 97.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#20

Methylcyclohexane

Concen: 1.899 ug/l

RT: 6.755 min Scan# 1762

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

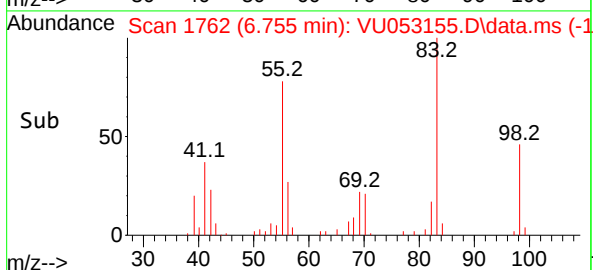
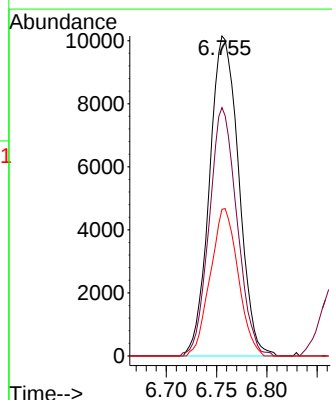
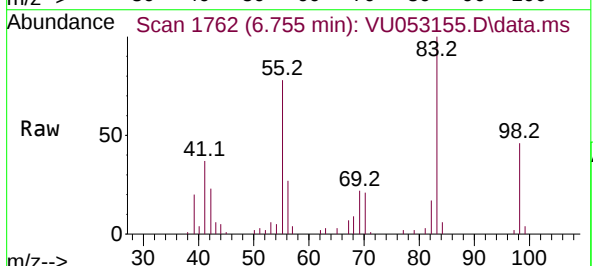
Tgt Ion: 83 Resp: 20484

Ion Ratio Lower Upper

83 100

55 74.0 60.2 90.2

98 43.8 33.9 50.9





#21

2,2-Dichloropropane

Concen: 1.902 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

Tgt Ion: 77 Resp: 2345

Ion Ratio Lower Upper

77 100

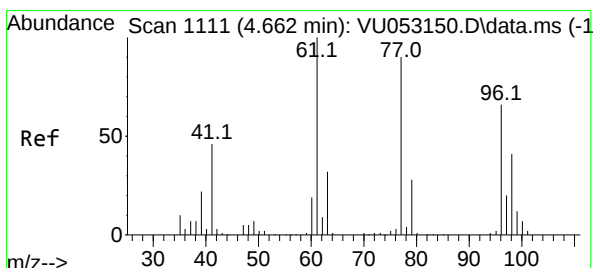
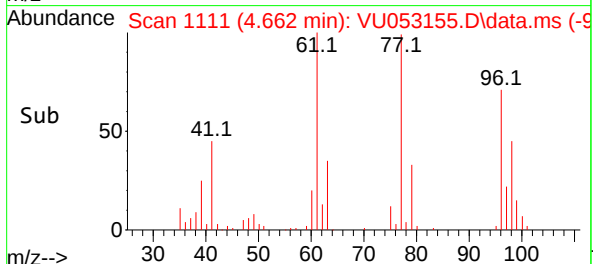
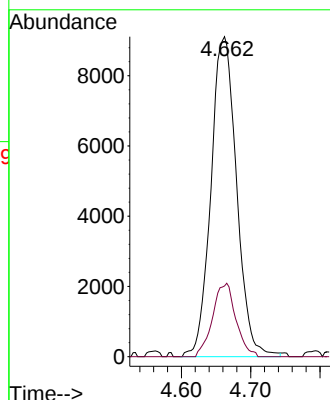
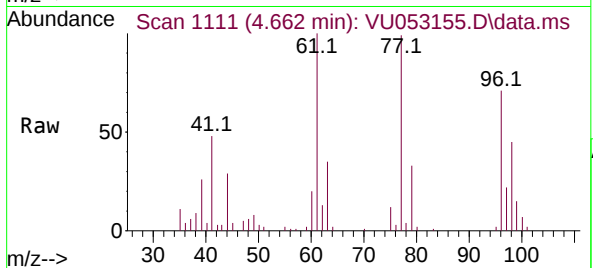
97 20.8 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#22

cis-1,2-Dichloroethene

Concen: 1.883 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

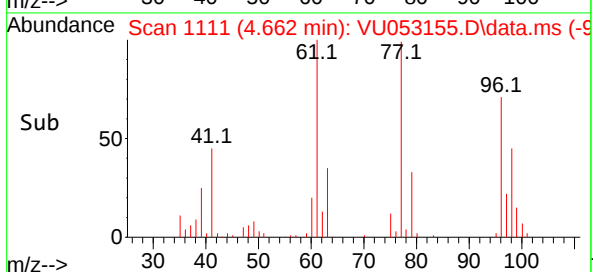
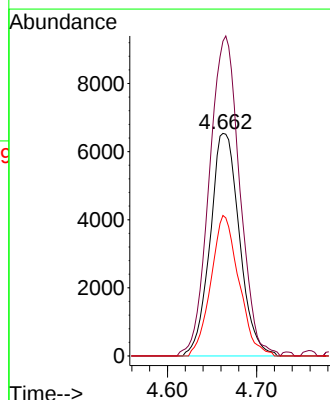
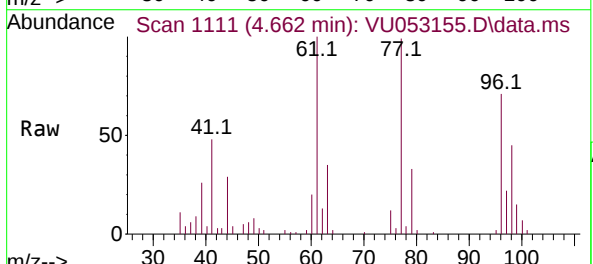
Tgt Ion: 96 Resp: 14952

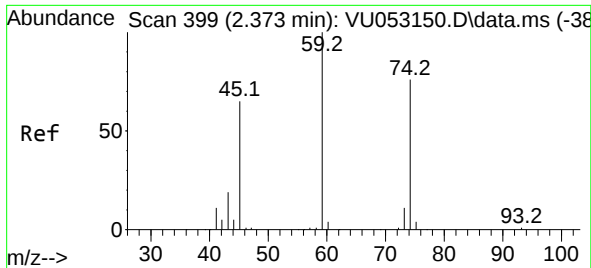
Ion Ratio Lower Upper

96 100

61 149.1 0.0 390.5

98 60.2 31.9 95.9





#23

Diethyl Ether

Concen: 1.778 ug/l

RT: 2.376 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

Tgt Ion: 59 Resp: 851

Ion Ratio Lower Upper

59 100

45 74.1 54.2 81.2

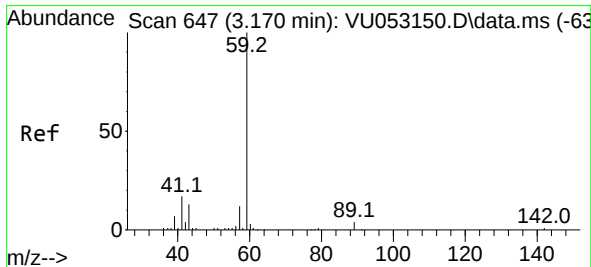
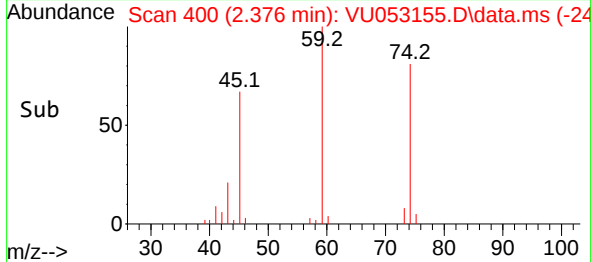
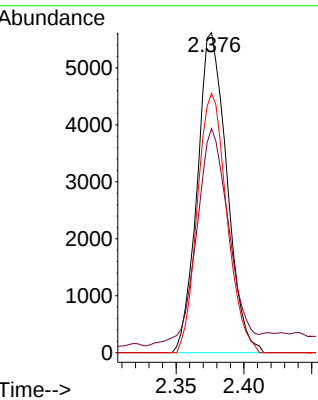
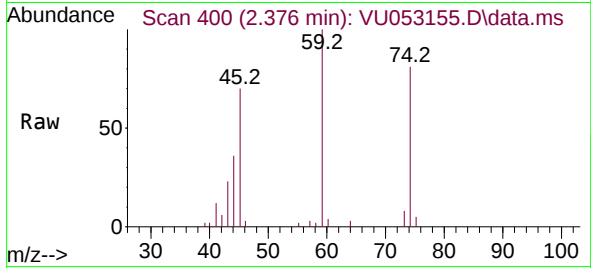
74 80.9 60.4 90.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#24

tert-Butyl Alcohol

Concen: 19.695 ug/l m

RT: 3.228 min Scan# 665

Delta R.T. 0.058 min

Lab File: VU053155.D

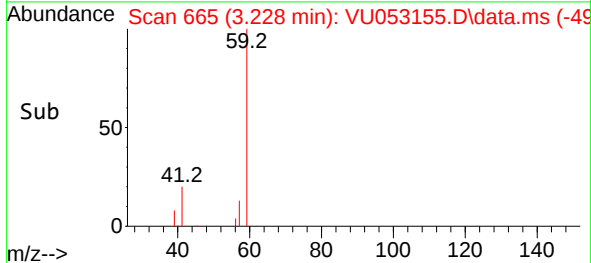
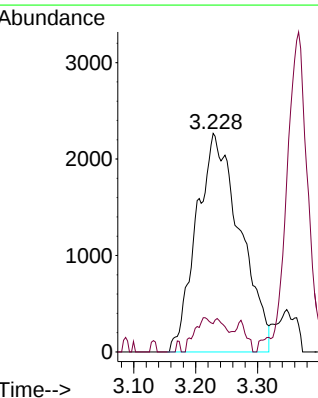
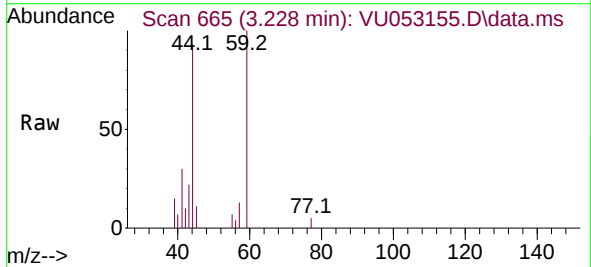
Acq: 27 Feb 2023 16:16

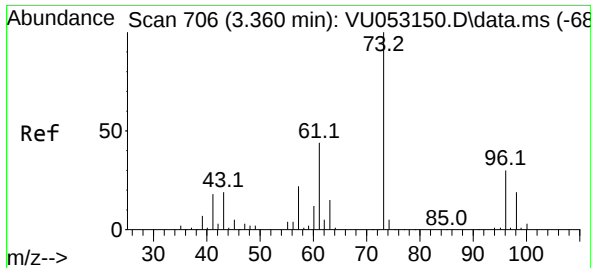
Tgt Ion: 59 Resp: 11079

Ion Ratio Lower Upper

59 100

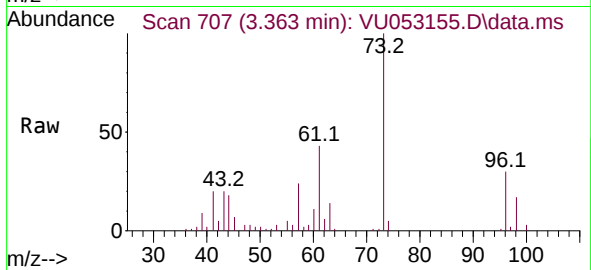
57 6.3 8.7 13.1#





#25
Methyl tert-Butyl Ether
Concen: 1.875 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

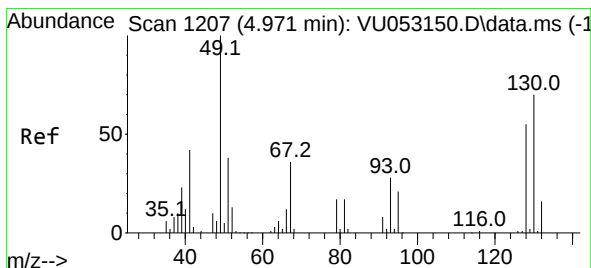
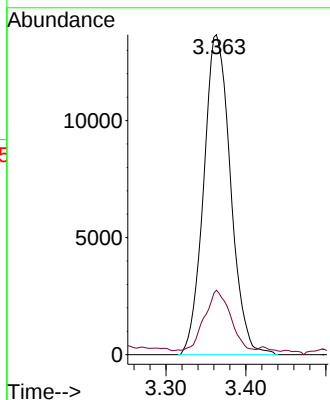
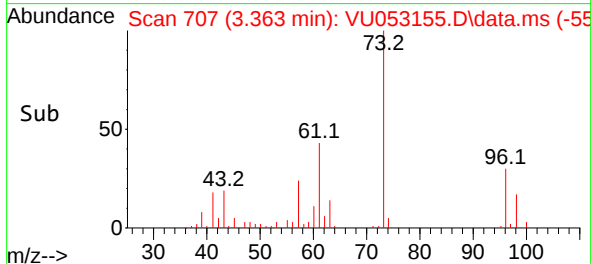
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



Tgt Ion: 73 Resp: 31900
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.6

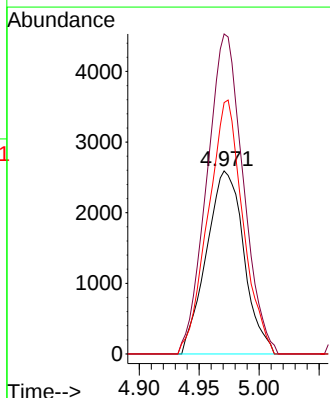
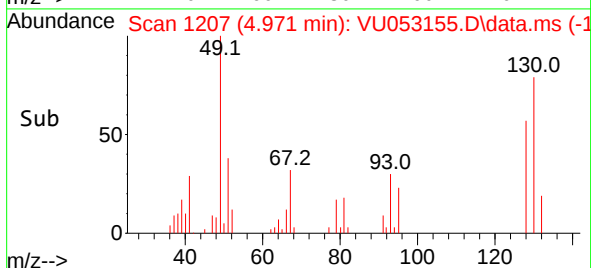
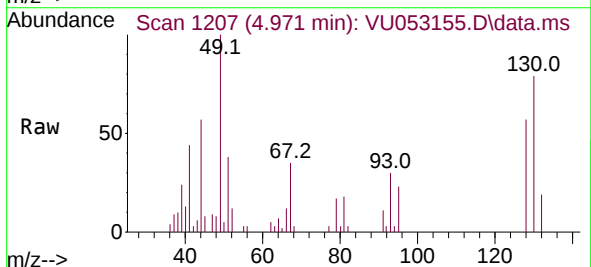
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#26
Bromochloromethane
Concen: 1.831 ug/l
RT: 4.971 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:128 Resp: 5621
Ion Ratio Lower Upper
128 100
49 169.6 0.0 376.8
130 129.5 104.8 157.2





#27

Chloroform

Concen: 1.825 ug/l

RT: 5.083 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

Tgt Ion: 83 Resp: 2646

Ion Ratio Lower Upper

83 100

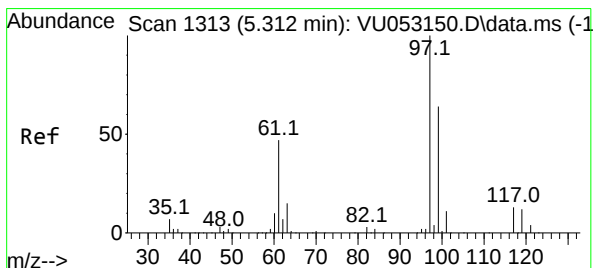
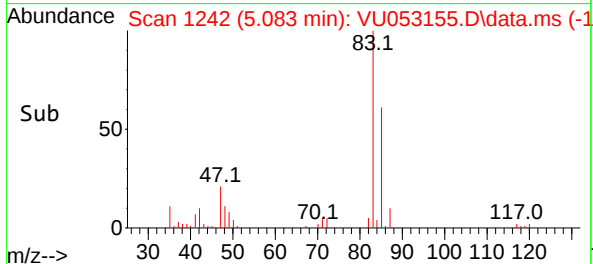
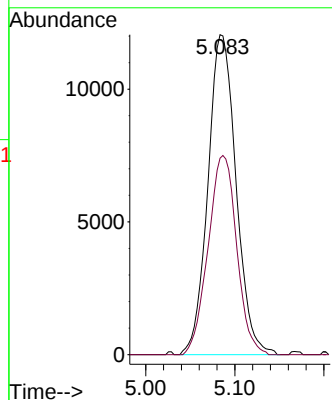
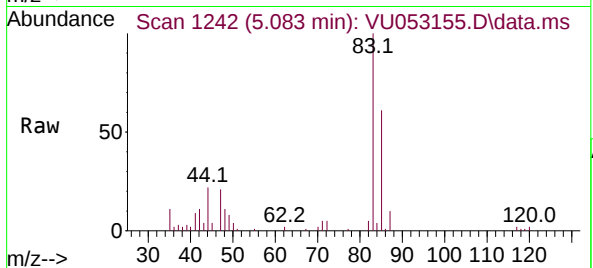
85 61.4 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#28

1,1,1-Trichloroethane

Concen: 1.787 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

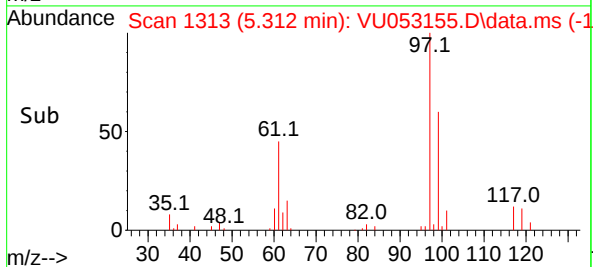
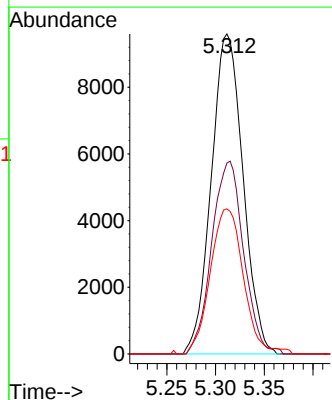
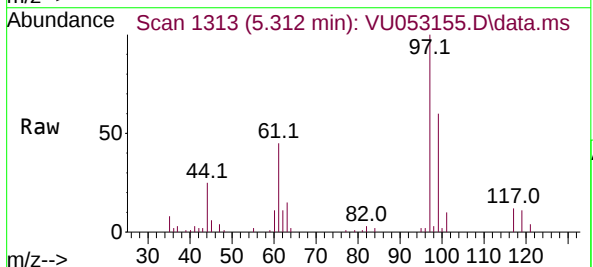
Tgt Ion: 97 Resp: 21771

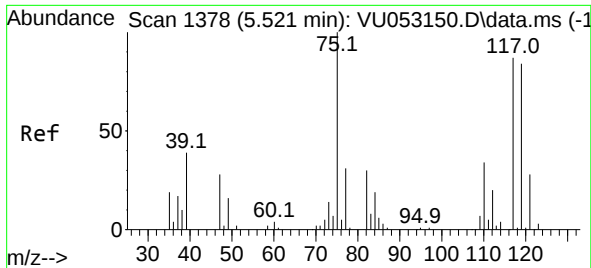
Ion Ratio Lower Upper

97 100

99 60.0 31.6 94.8

61 47.3 23.9 71.7





#29

1,1-Dichloropropene

Concen: 1.817 ug/l

RT: 5.521 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

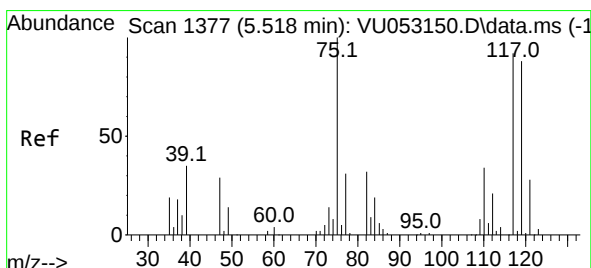
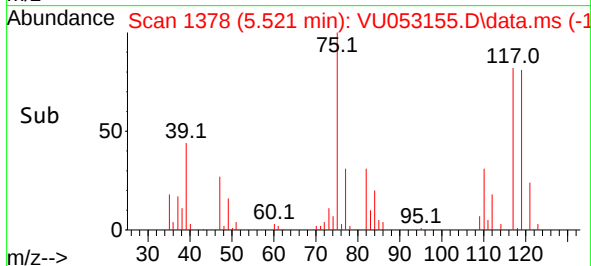
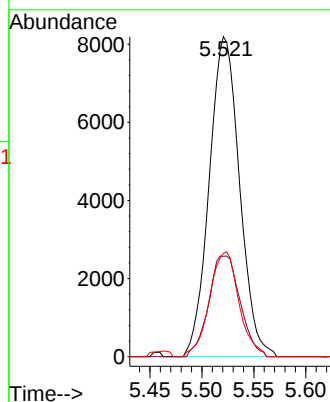
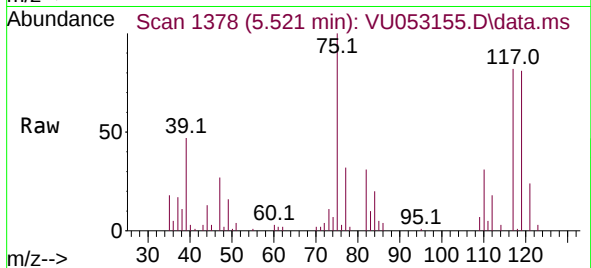
Tgt Ion: 75	Resp: 1659
Ion Ratio	Lower Upper
75 100	
110 32.5	16.3 48.8
77 31.9	24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#30

Carbon Tetrachloride

Concen: 1.737 ug/l

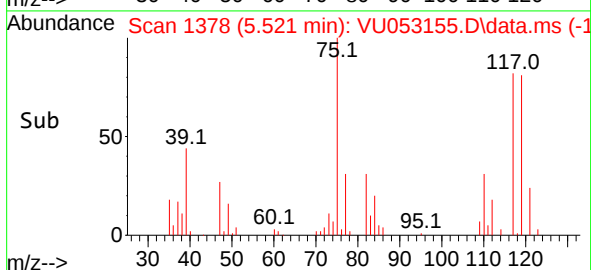
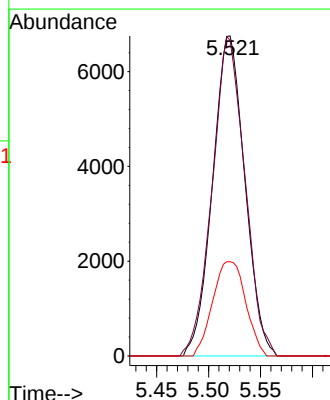
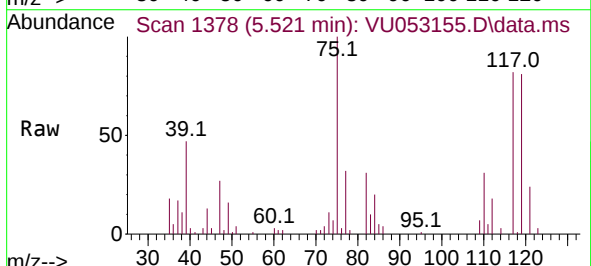
RT: 5.521 min Scan# 1378

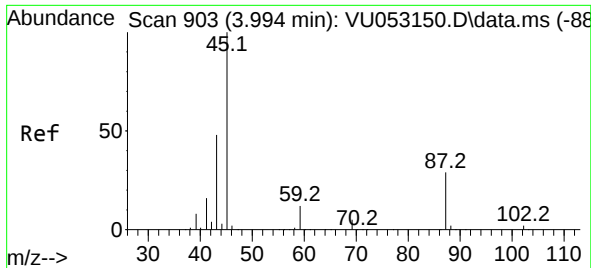
Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

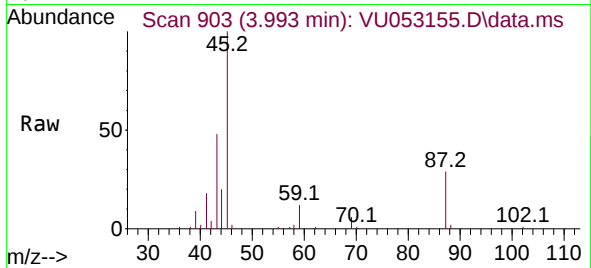
Tgt Ion:117	Resp: 14570
Ion Ratio	Lower Upper
117 100	
119 98.6	76.2 114.2
121 29.4	24.6 36.8





#31
Isopropyl Ether
Concen: 1.784 ug/l
RT: 3.993 min Scan# 903
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

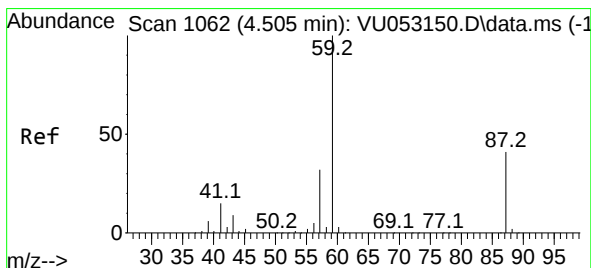
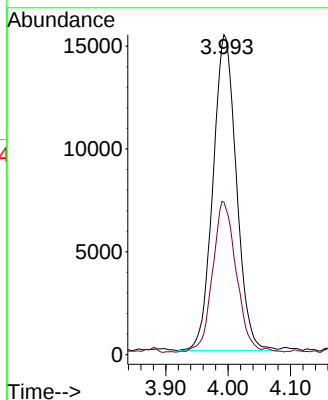
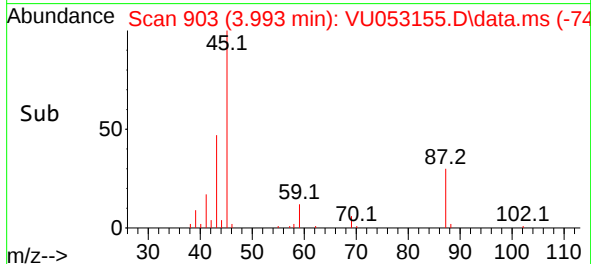
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



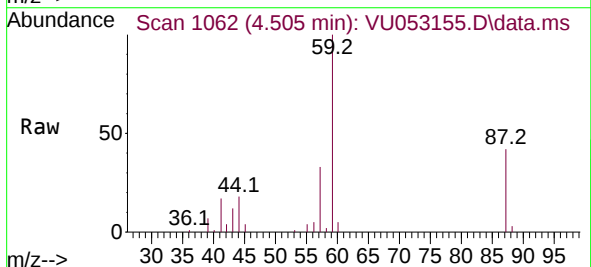
Tgt Ion: 45 Resp: 4006
Ion Ratio Lower Upper
45 100
43 47.9 24.4 73.2

Manual Integrations
APPROVED

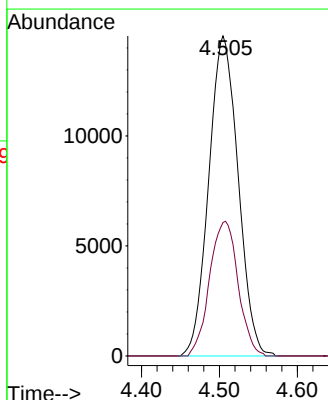
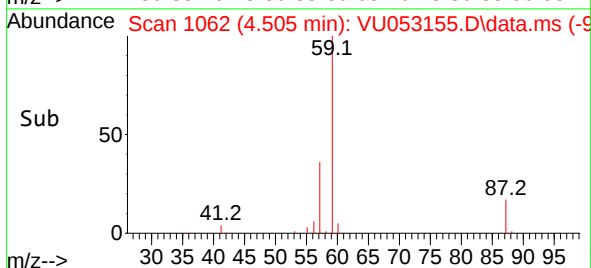
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

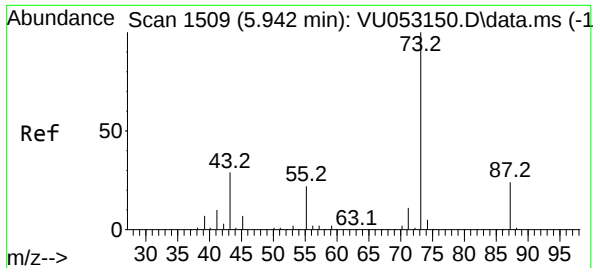


#32
Ethyl-t-butyl ether
Concen: 1.789 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16



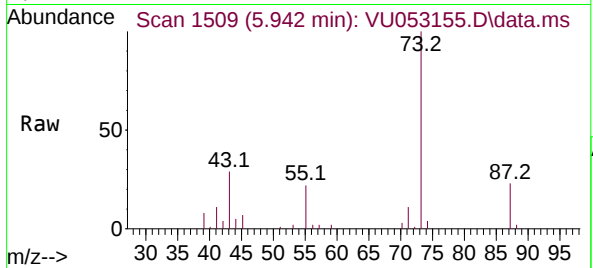
Tgt Ion: 59 Resp: 38067
Ion Ratio Lower Upper
59 100
87 40.8 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 1.772 ug/l
RT: 5.942 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

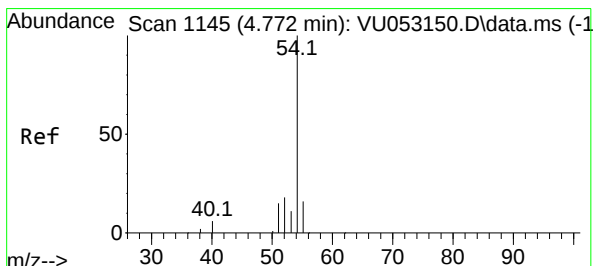
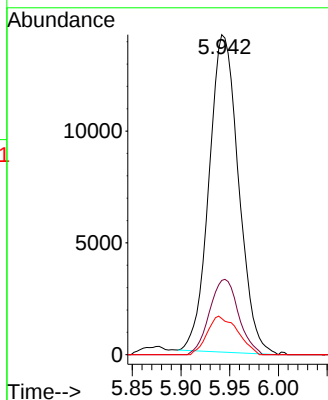
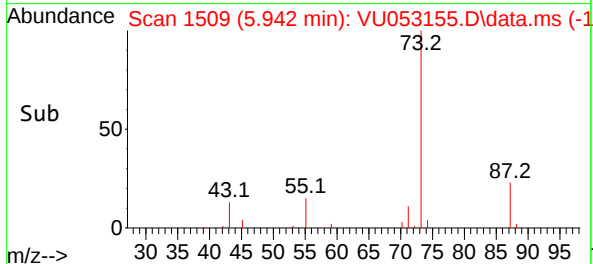
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



Tgt Ion: 73 Resp: 2993
Ion Ratio Lower Upper
73 100
87 23.3 19.0 28.4
71 12.5 9.2 13.8

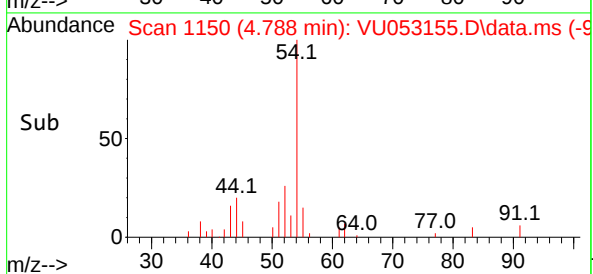
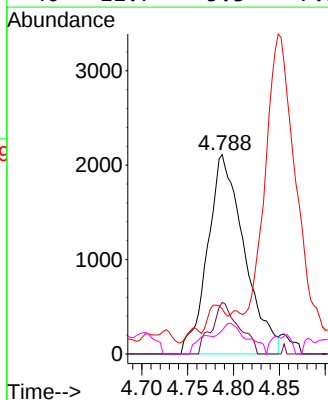
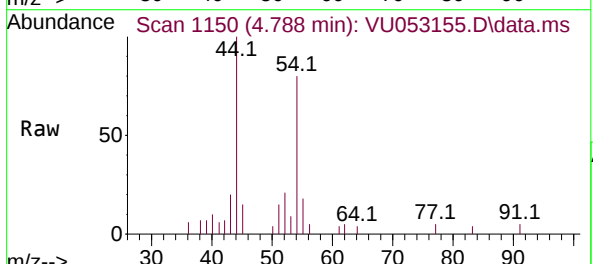
Manual Integrations
APPROVED

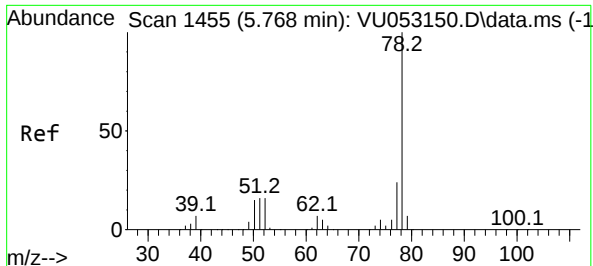
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#34
Propionitrile
Concen: 9.763 ug/l
RT: 4.788 min Scan# 1150
Delta R.T. 0.016 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 54 Resp: 5841
Ion Ratio Lower Upper
54 100
52 19.2 16.5 24.7
55 6.6 11.4 17.2#
40 11.7 5.3 7.9#





#35

Benzene

Concen: 1.860 ug/l

RT: 5.771 min Scan# 1455

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

Tgt Ion: 78 Resp: 5012

Ion Ratio Lower Upper

78 100

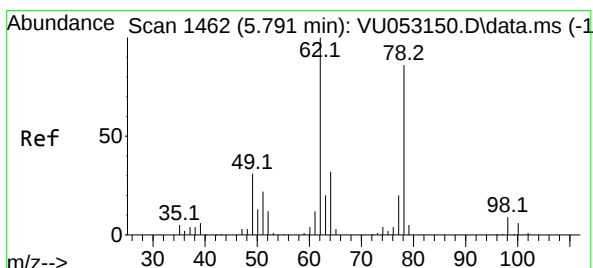
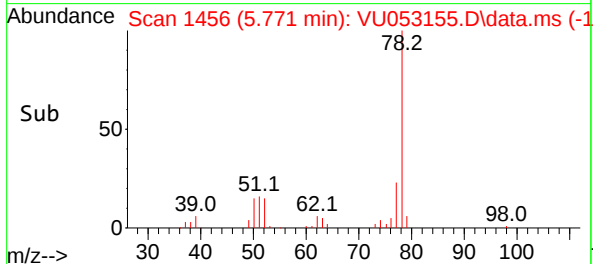
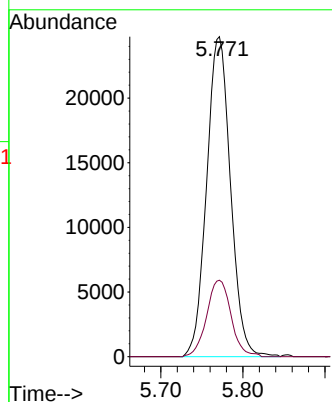
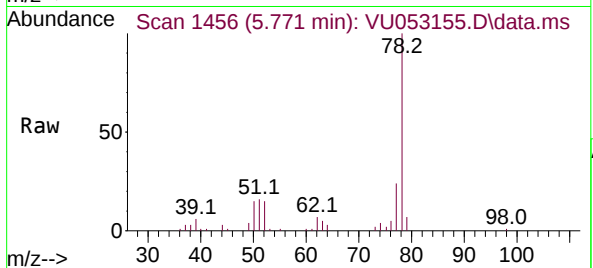
77 23.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#36

1,2-Dichloroethane

Concen: 1.786 ug/l

RT: 5.791 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VU053155.D

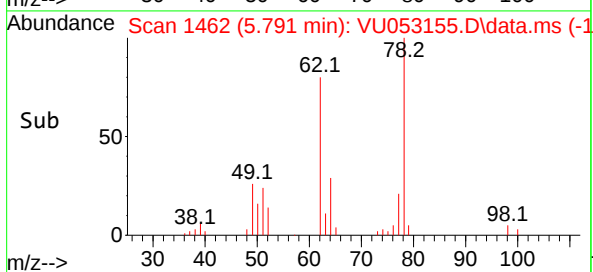
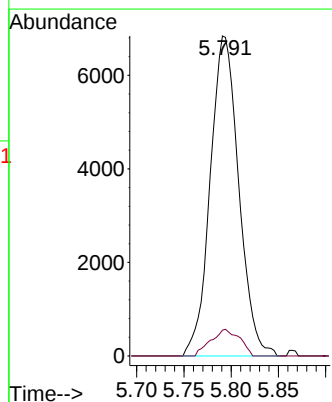
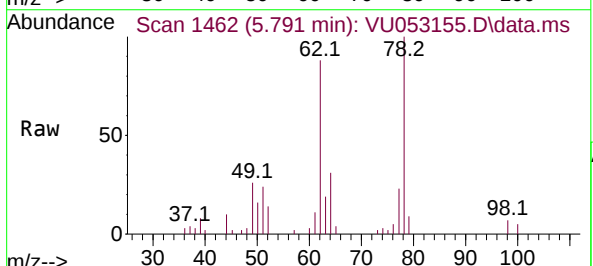
Acq: 27 Feb 2023 16:16

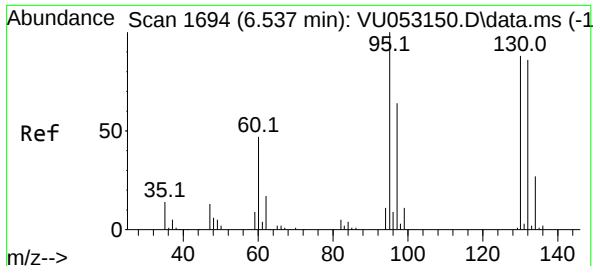
Tgt Ion: 62 Resp: 14386

Ion Ratio Lower Upper

62 100

98 8.4 7.0 10.4





#37

Trichloroethene

Concen: 1.957 ug/l

RT: 6.540 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

Tgt Ion:130 Resp: 12099

Ion Ratio Lower Upper

130 100

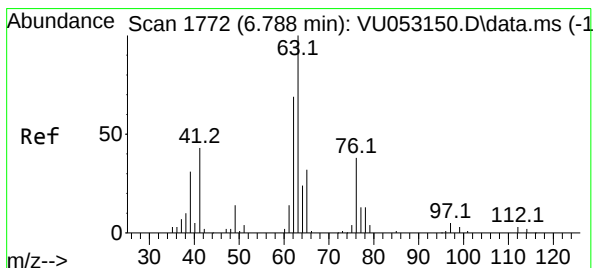
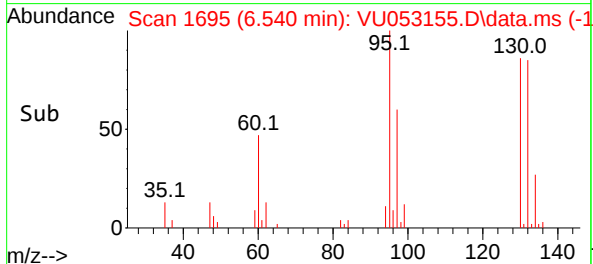
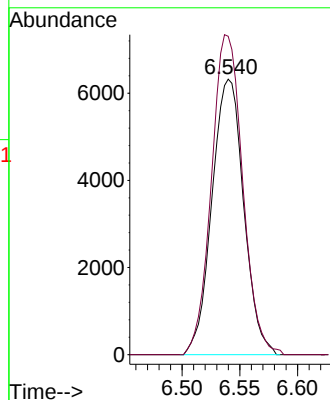
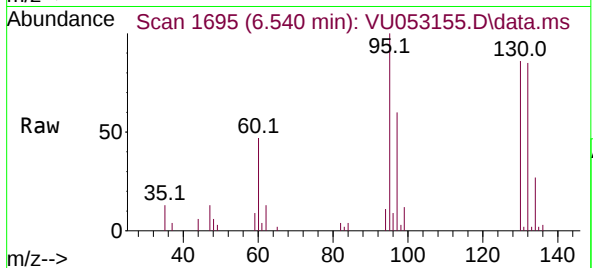
95 115.6 91.1 136.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#38

1,2-Dichloropropane

Concen: 1.884 ug/l

RT: 6.787 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VU053155.D

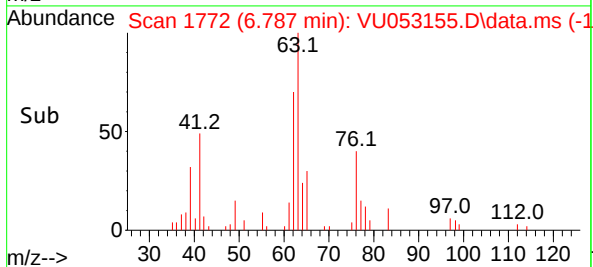
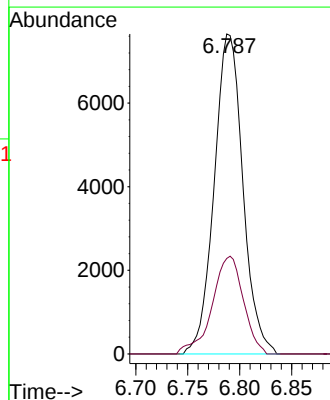
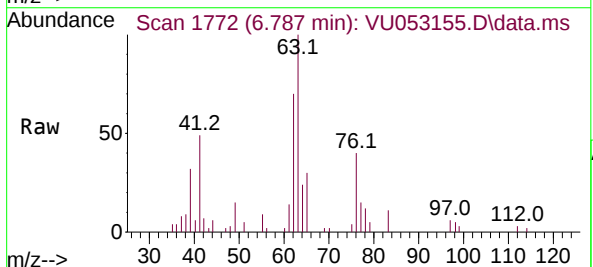
Acq: 27 Feb 2023 16:16

Tgt Ion: 63 Resp: 14677

Ion Ratio Lower Upper

63 100

65 29.8 25.5 38.3





#39

Methacrylonitrile

Concen: 1.746 ug/l

RT: 4.974 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

Tgt Ion: 41 Resp: 445

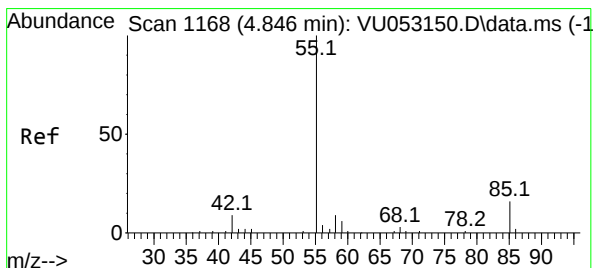
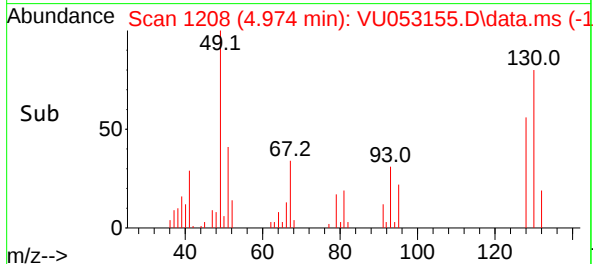
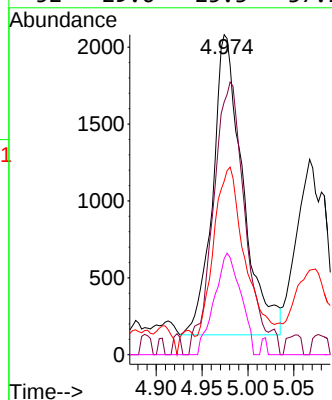
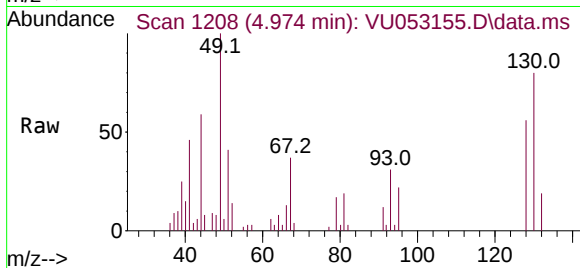
Ion	Ratio	Lower	Upper
41	100		
67	94.7	67.1	100.7
39	65.3	42.6	64.0
52	29.6	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#40

Methyl acrylate

Concen: 1.831 ug/l

RT: 4.849 min Scan# 1169

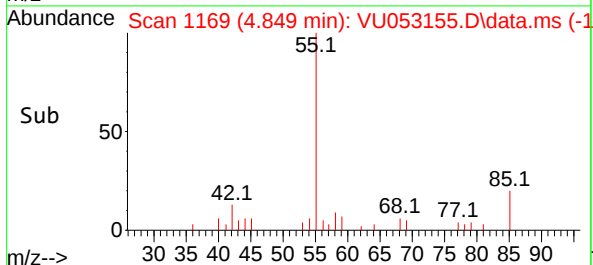
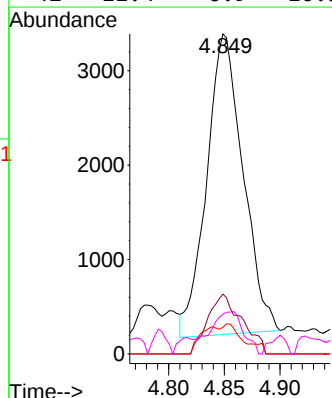
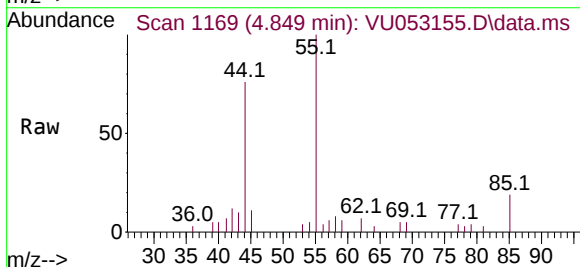
Delta R.T. 0.003 min

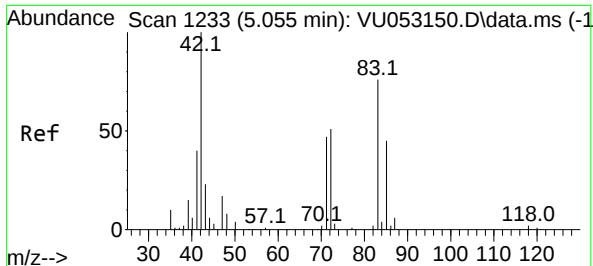
Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Tgt Ion: 55 Resp: 7224

Ion	Ratio	Lower	Upper
55	100		
85	18.8	13.5	20.3
58	4.9	7.3	10.9
42	11.4	6.9	10.3





#41

Tetrahydrofuran

Concen: 4.246 ug/l

RT: 5.064 min Scan# 1236

Delta R.T. 0.010 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

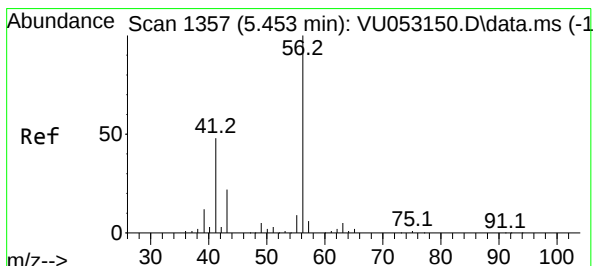
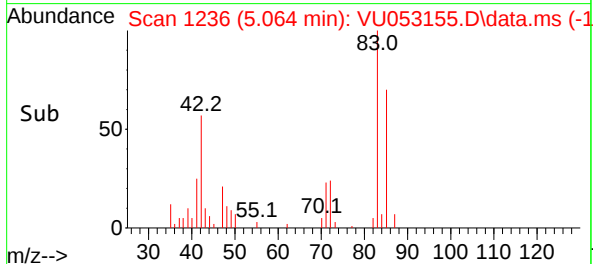
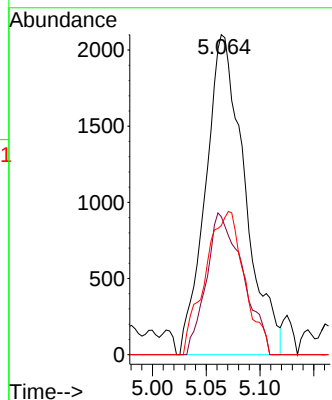
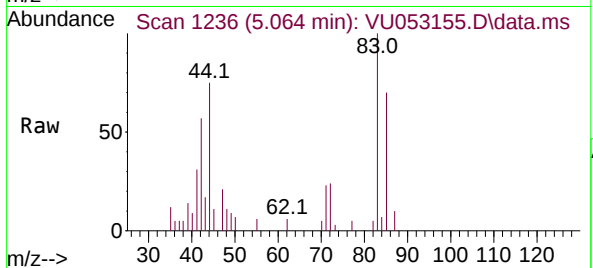
Tgt Ion:	42	Resp:	531
Ion Ratio	Lower	Upper	
42	100		
72	41.4	41.6	62.4
71	44.9	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#42

1-Chlorobutane

Concen: 1.826 ug/l

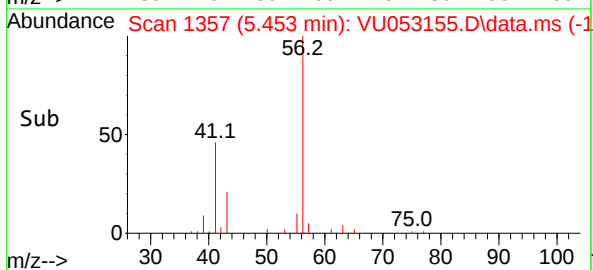
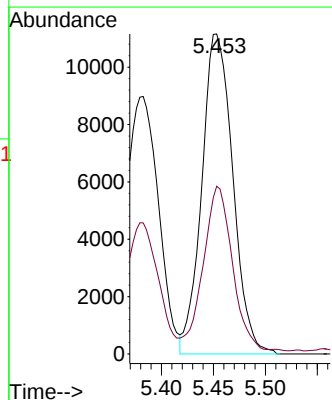
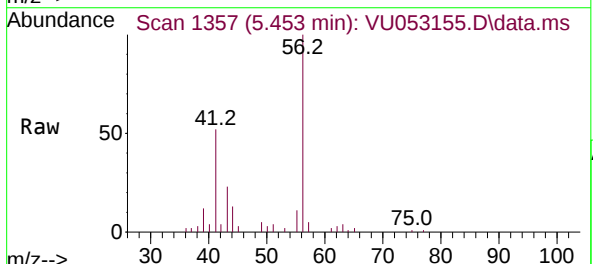
RT: 5.453 min Scan# 1357

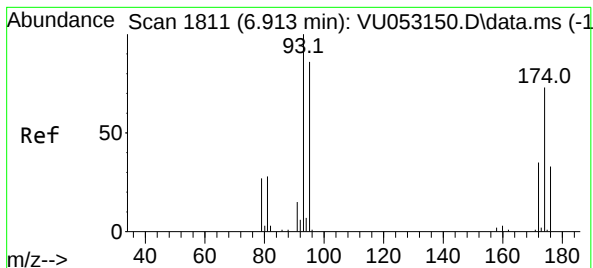
Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Tgt Ion:	56	Resp:	23209
Ion Ratio	Lower	Upper	
56	100		
41	47.2	23.7	71.1





#43

Dibromomethane

Concen: 1.797 ug/l

RT: 6.916 min Scan# 1811

Delta R.T. 0.003 min

Lab File: VU053155.D

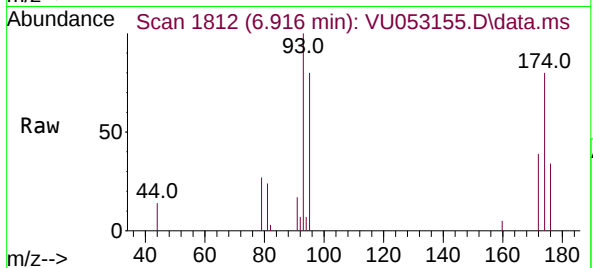
Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01



Tgt Ion: 93 Resp: 620

Ion Ratio Lower Upper

93 100

95 83.5 66.5 99.7

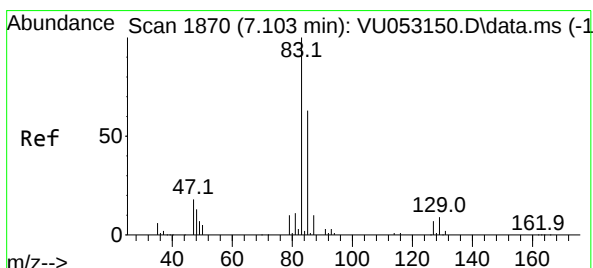
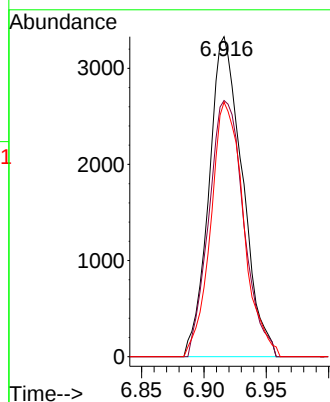
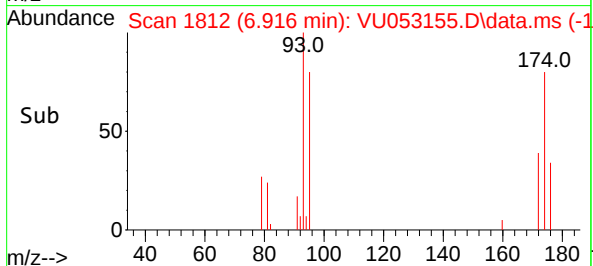
174 78.1 58.2 87.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#44

Bromodichloromethane

Concen: 1.846 ug/l

RT: 7.106 min Scan# 1871

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

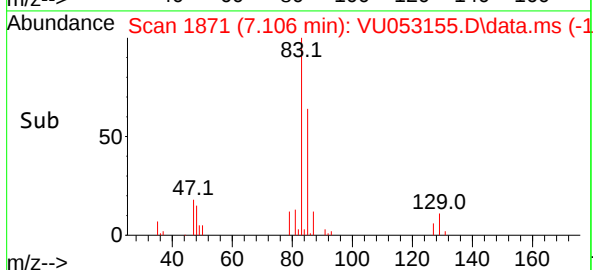
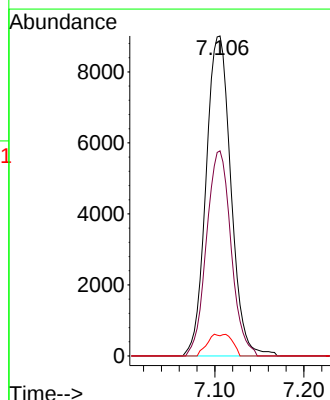
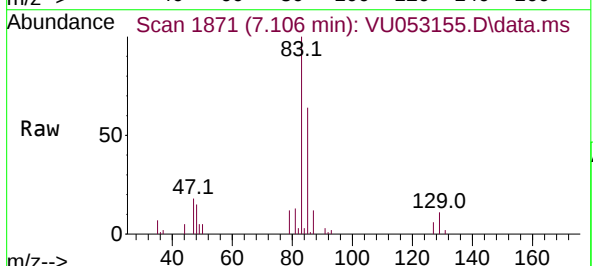
Tgt Ion: 83 Resp: 17441

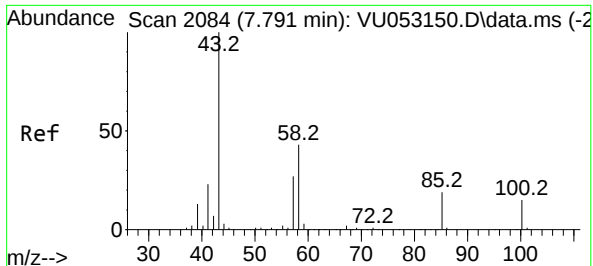
Ion Ratio Lower Upper

83 100

85 64.1 50.6 75.8

127 6.3 5.8 8.8





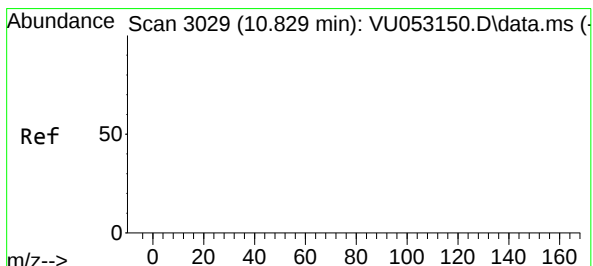
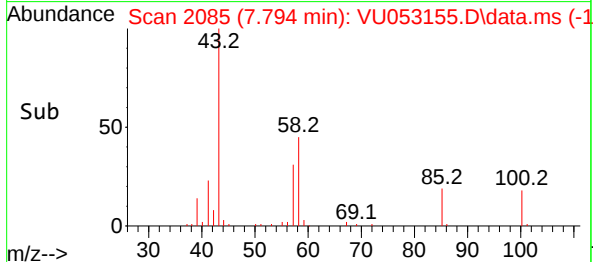
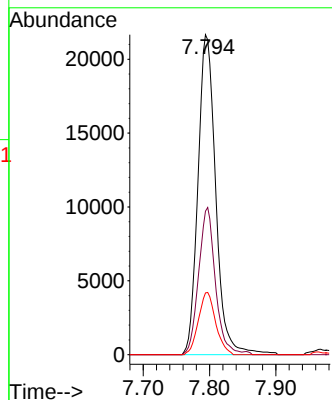
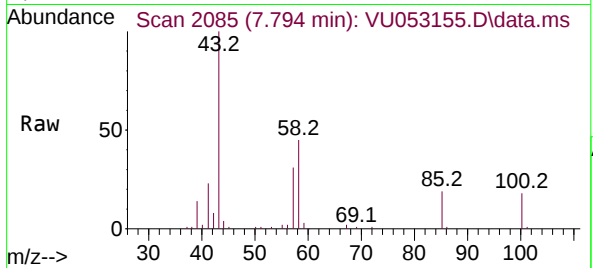
#45
4-Methyl-2-Pentanone
Concen: 9.560 ug/l
RT: 7.794 min Scan# 2084
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

Tgt Ion: 43 Resp: 40300
Ion Ratio Lower Upper
43 100
58 43.3 22.0 66.0
85 18.9 15.7 23.5

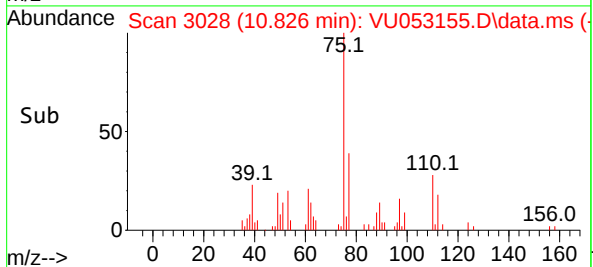
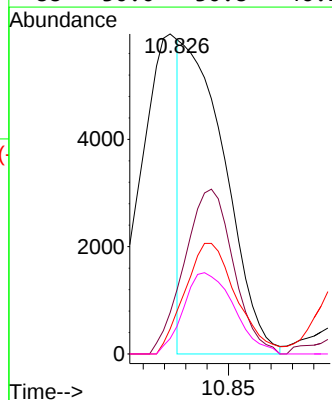
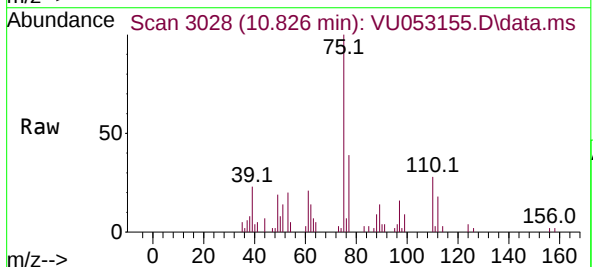
Manual Integrations
APPROVED

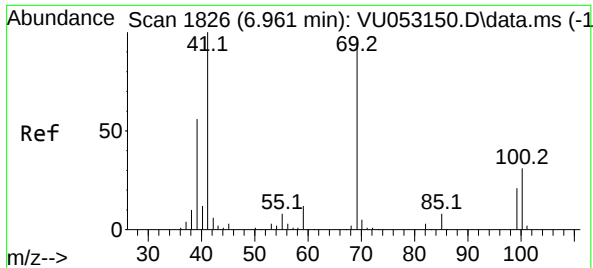
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#46
t-1,4-Dichloro-2-butene
Concen: 3.905 ug/l m
RT: 10.826 min Scan# 3028
Delta R.T. -0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 75 Resp: 8296
Ion Ratio Lower Upper
75 100
53 59.2 57.0 85.4
89 41.6 43.1 64.7#
88 30.0 30.8 46.2#





#47

Methyl methacrylate

Concen: 3.850 ug/l

RT: 6.964 min Scan# 1826

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

Tgt Ion: 69 Resp: 1368

Ion Ratio Lower Upper

69 100

41 96.4 0.0 201.0

39 55.9 47.1 70.7

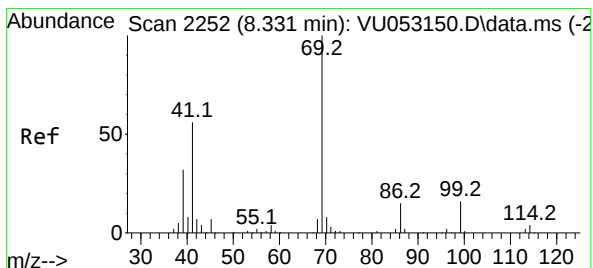
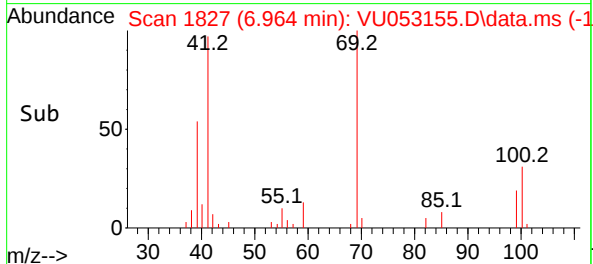
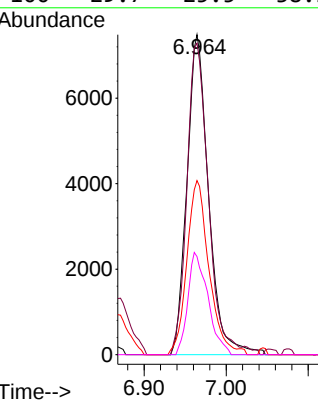
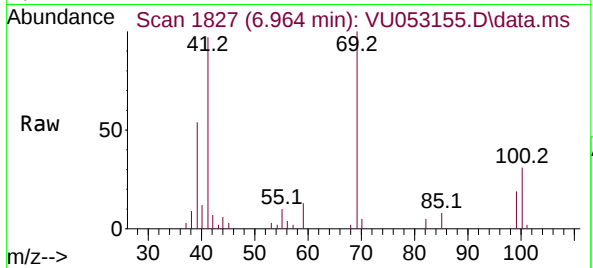
100 29.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#48

Ethyl methacrylate

Concen: 1.954 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.003 min

Lab File: VU053155.D

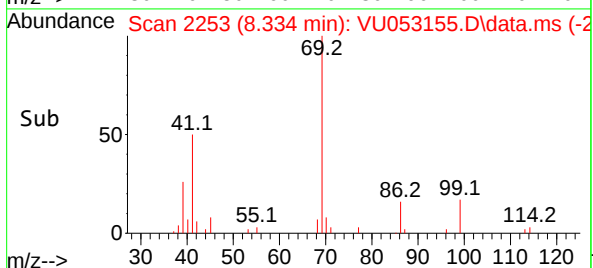
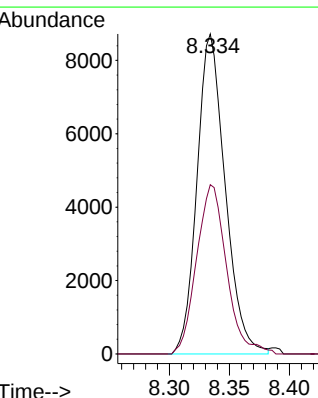
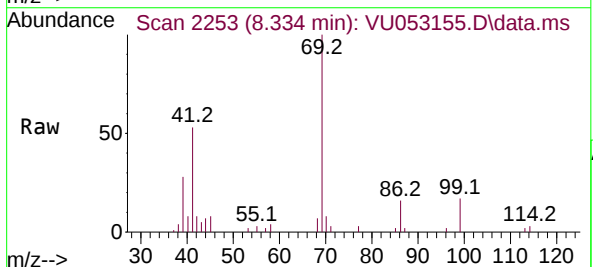
Acq: 27 Feb 2023 16:16

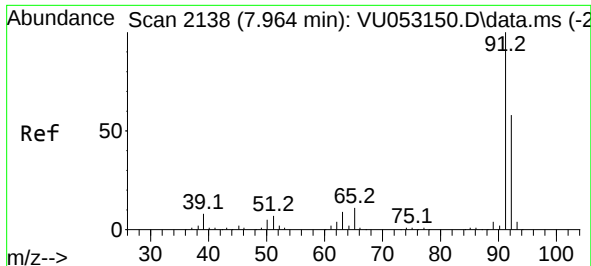
Tgt Ion: 69 Resp: 14249

Ion Ratio Lower Upper

69 100

41 56.2 28.2 84.6





#49

Toluene

Concen: 1.870 ug/l

RT: 7.967 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

Tgt Ion: 92 Resp: 31029

Ion Ratio Lower Upper

92 100

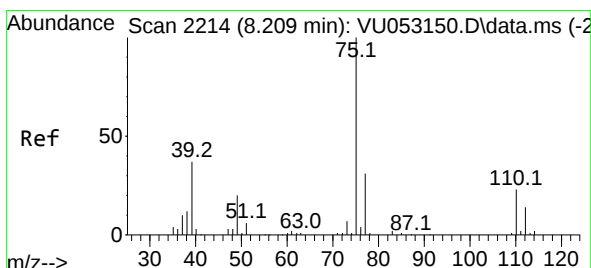
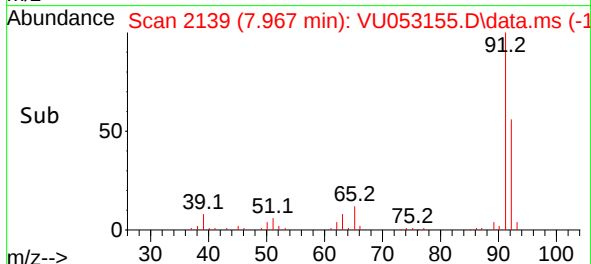
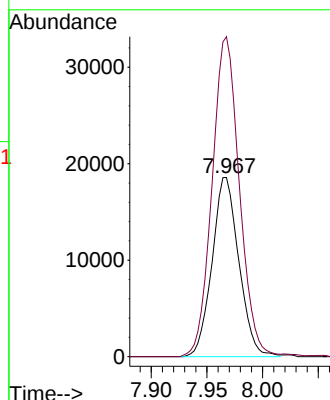
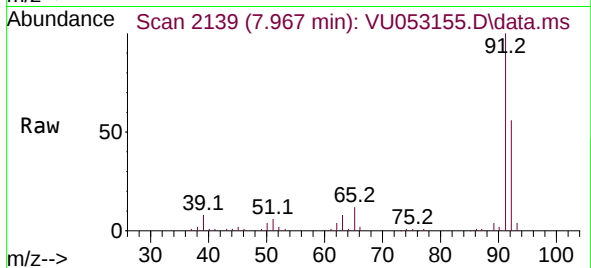
91 182.0 138.2 207.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#50

t-1,3-Dichloropropene

Concen: 1.910 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. -0.000 min

Lab File: VU053155.D

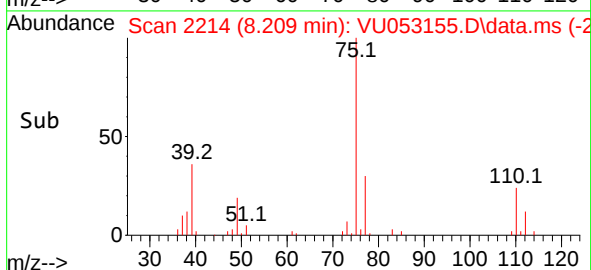
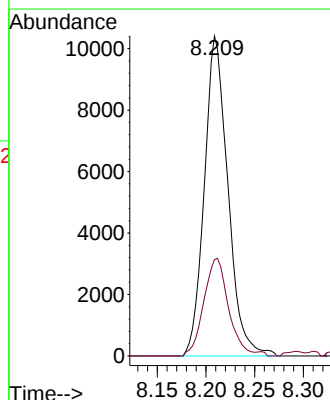
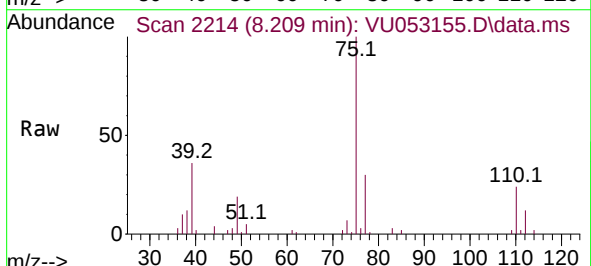
Acq: 27 Feb 2023 16:16

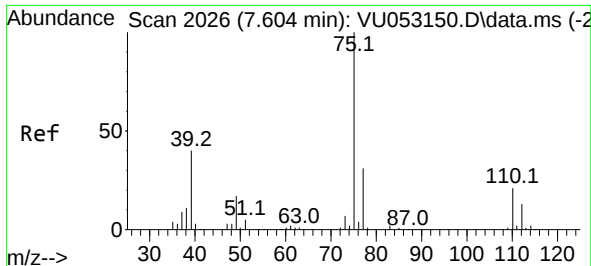
Tgt Ion: 75 Resp: 17523

Ion Ratio Lower Upper

75 100

77 30.1 25.1 37.7





#51

cis-1,3-Dichloropropene

Concen: 1.813 ug/l

RT: 7.604 min Scan# 2026

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

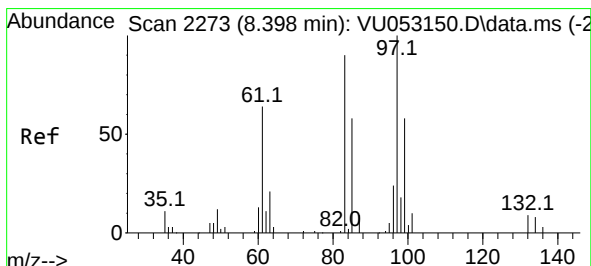
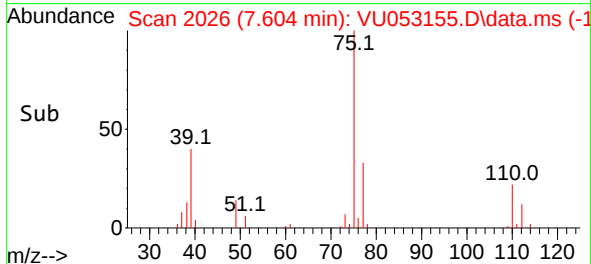
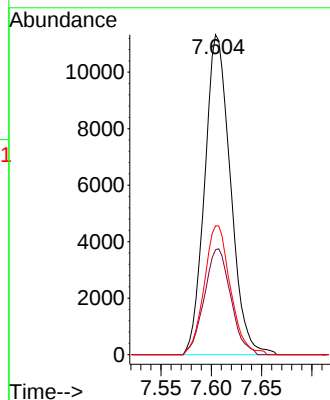
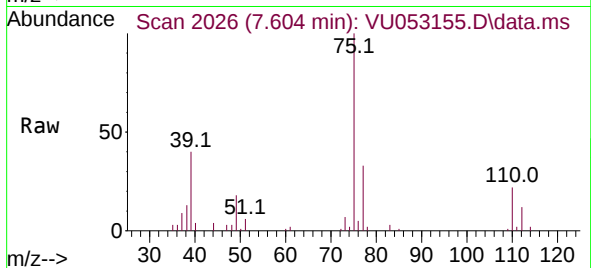
Tgt Ion:	75	Resp:	2015
Ion Ratio	Lower	Upper	
75	100		
77	32.8	24.9	37.3
39	40.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#52

1,1,2-Trichloroethane

Concen: 2.068 ug/l

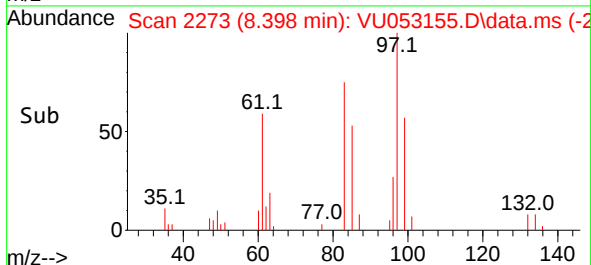
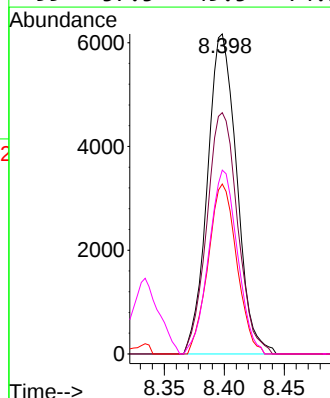
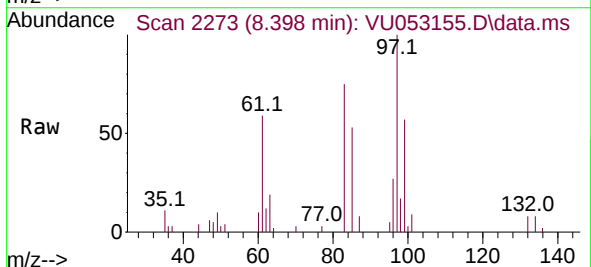
RT: 8.398 min Scan# 2273

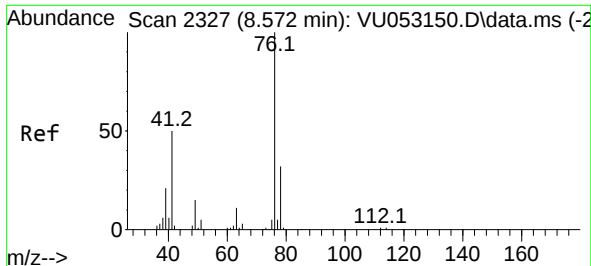
Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Tgt Ion:	97	Resp:	10491
Ion Ratio	Lower	Upper	
97	100		
83	75.4	71.9	107.9
85	53.1	46.5	69.7
99	57.5	49.5	74.3





#53

1,3-Dichloropropane

Concen: 1.885 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

Tgt Ion: 76 Resp: 1714

Ion Ratio Lower Upper

76 100

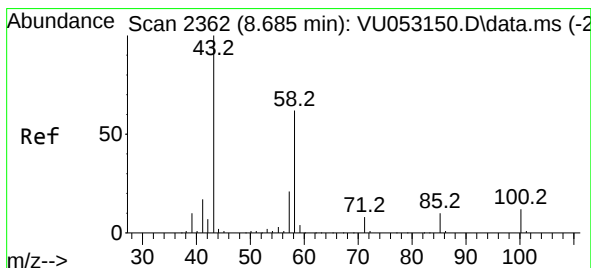
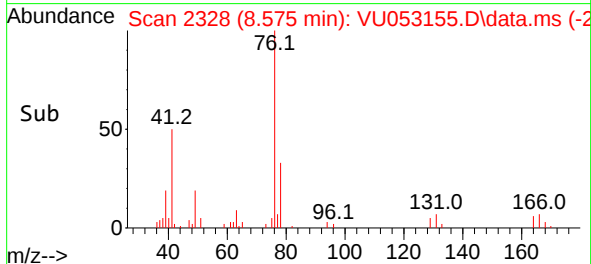
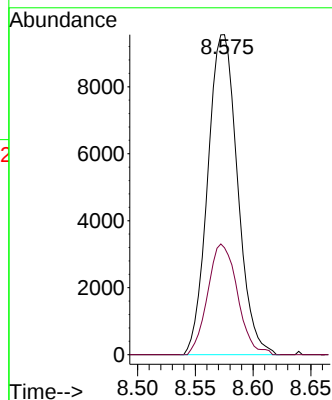
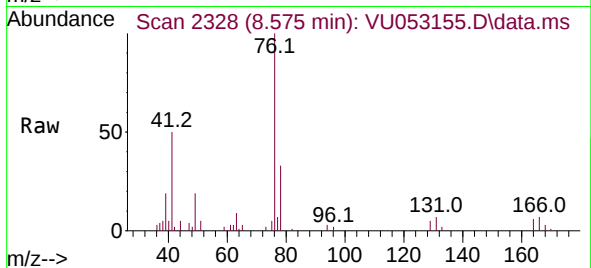
78 34.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#54

2-Hexanone

Concen: 8.910 ug/l

RT: 8.688 min Scan# 2363

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

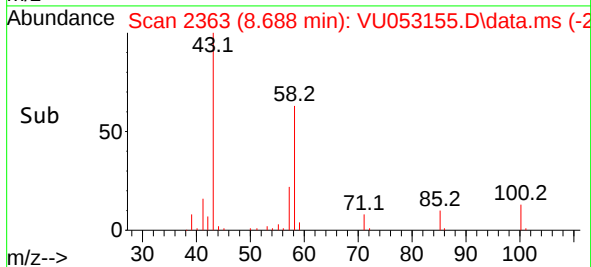
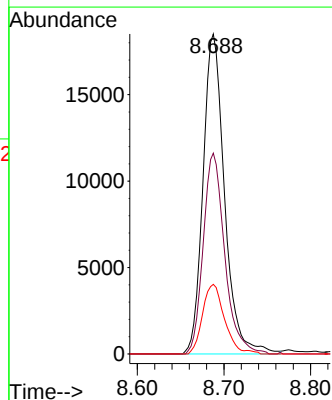
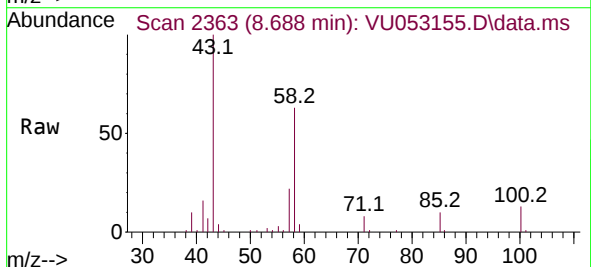
Tgt Ion: 43 Resp: 32007

Ion Ratio Lower Upper

43 100

58 62.6 42.0 82.0

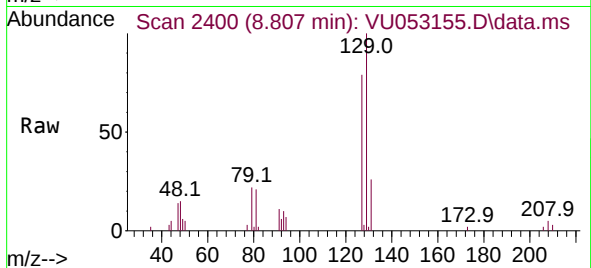
57 22.2 1.2 41.2





#55
Dibromochloromethane
Concen: 1.832 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

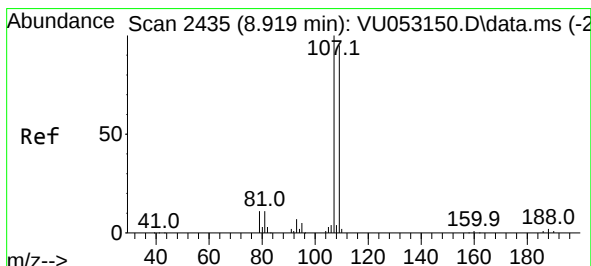
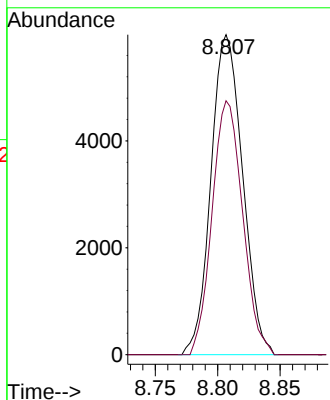
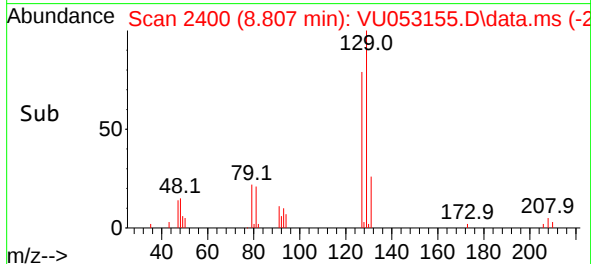
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



Tgt Ion:129 Resp: 1060
Ion Ratio Lower Upper
129 100
127 76.4 61.1 91.7

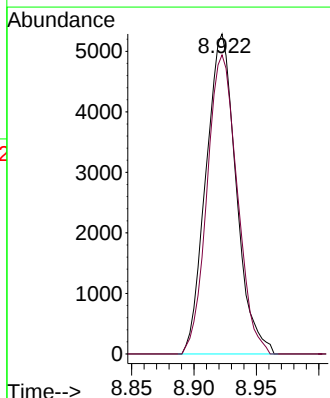
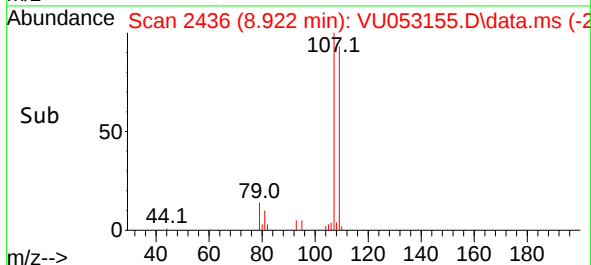
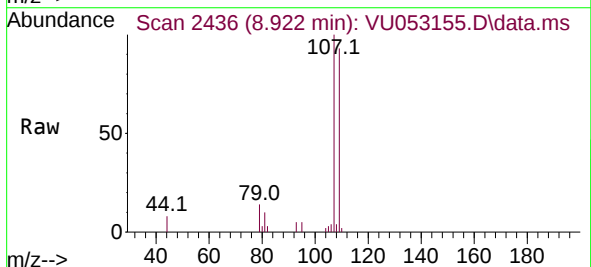
Manual Integrations
APPROVED

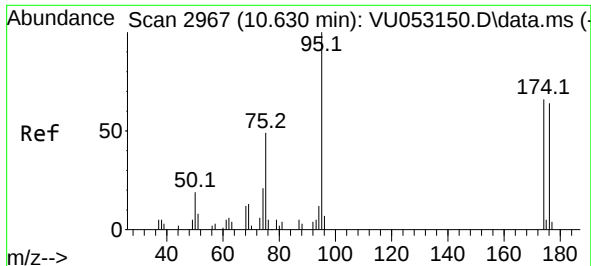
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#56
1,2-Dibromoethane
Concen: 1.976 ug/l
RT: 8.922 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

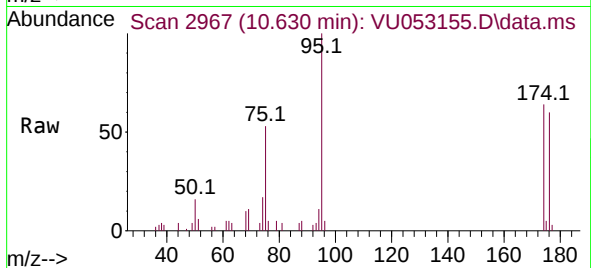
Tgt Ion:107 Resp: 8902
Ion Ratio Lower Upper
107 100
109 93.2 0.0 186.2





#57
4-Bromofluorobenzene
Concen: 0.974 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

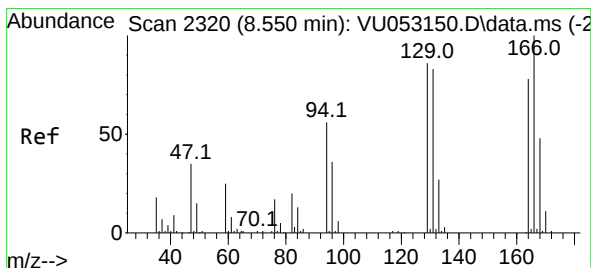
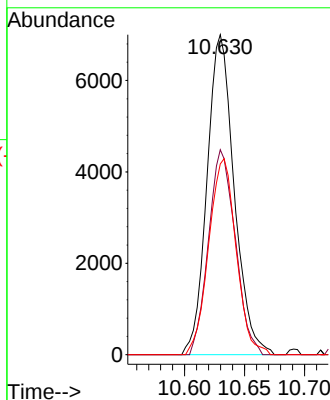
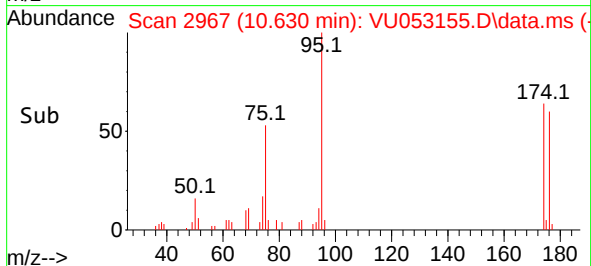
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



Tgt Ion: 95 Resp: 11048
Ion Ratio Lower Upper
95 100
174 63.0 50.7 76.1
176 61.6 47.8 71.6

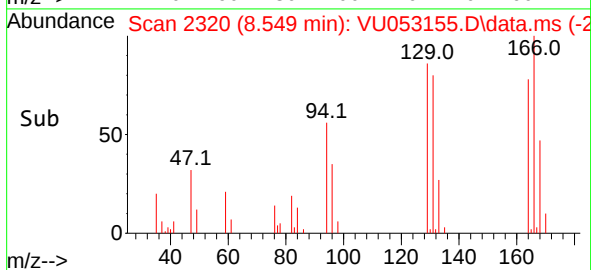
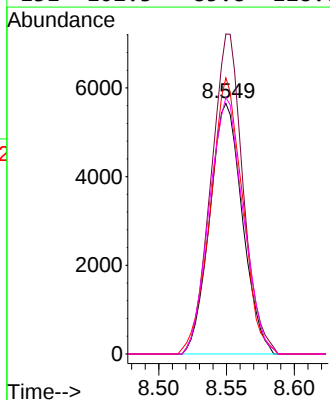
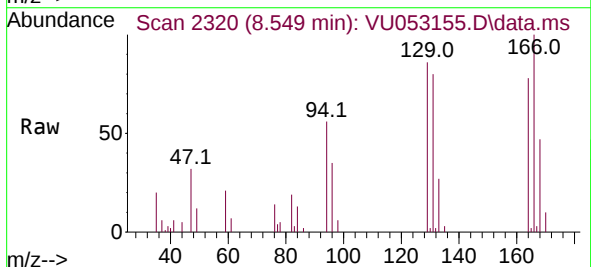
Manual Integrations
APPROVED

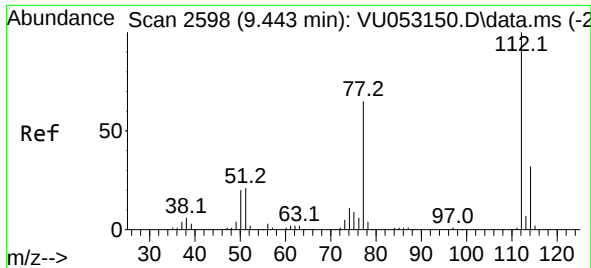
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#58
Tetrachloroethene
Concen: 1.922 ug/l
RT: 8.549 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:164 Resp: 9475
Ion Ratio Lower Upper
164 100
166 127.7 103.2 154.8
129 110.2 88.8 133.2
131 102.3 85.8 128.6





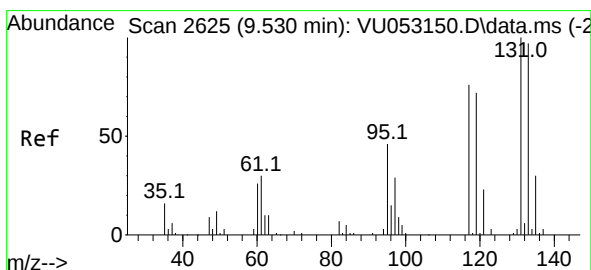
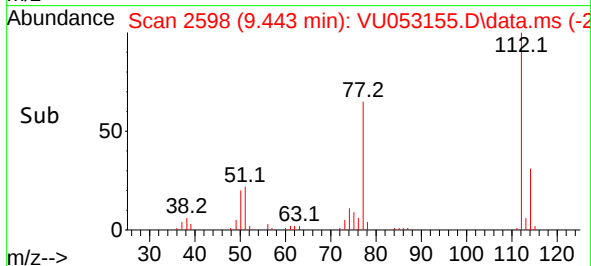
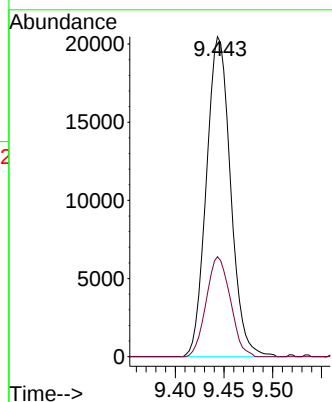
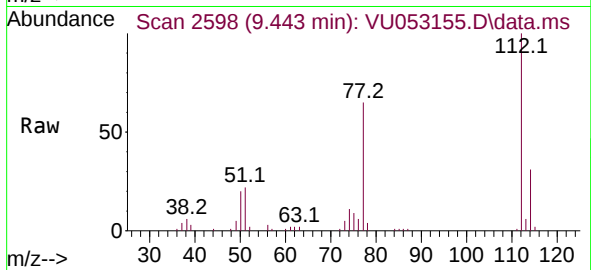
#59
Chlorobenzene
Concen: 1.906 ug/l
RT: 9.443 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

Tgt Ion:112 Resp: 3535
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

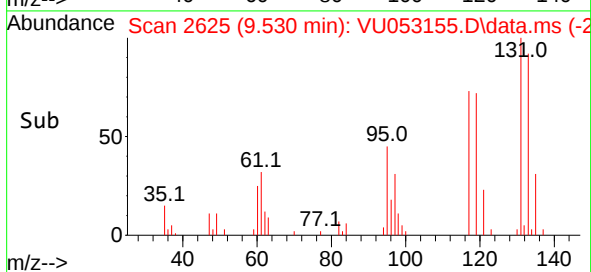
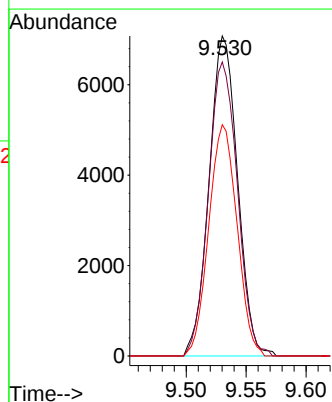
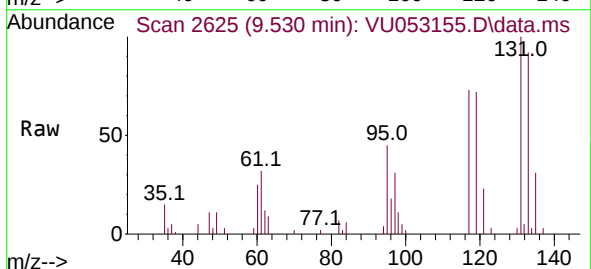
Manual Integrations
APPROVED

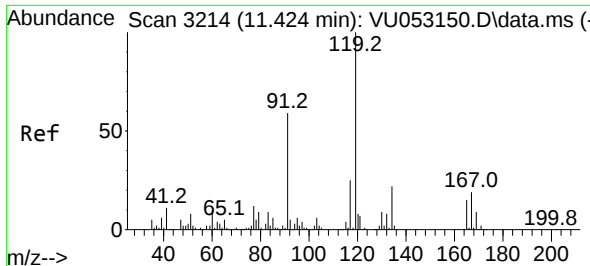
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 1.906 ug/l
RT: 9.530 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

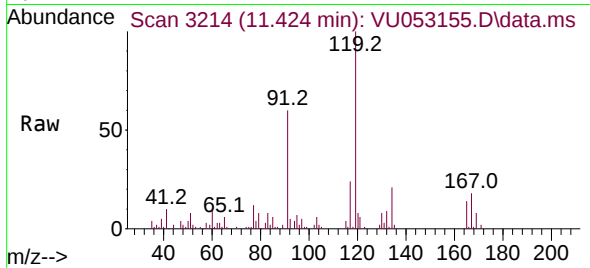
Tgt Ion:131 Resp: 11679
Ion Ratio Lower Upper
131 100
133 93.7 76.7 115.1
119 71.7 57.6 86.4





#61
Pentachloroethane
Concen: 1.936 ug/l
RT: 11.424 min Scan# 3214
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

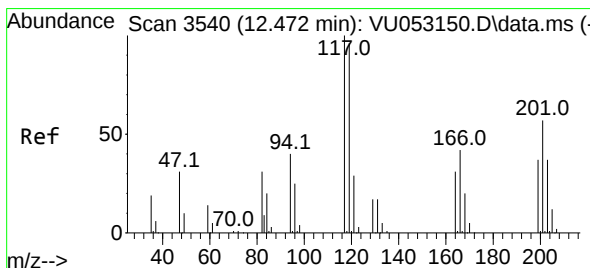
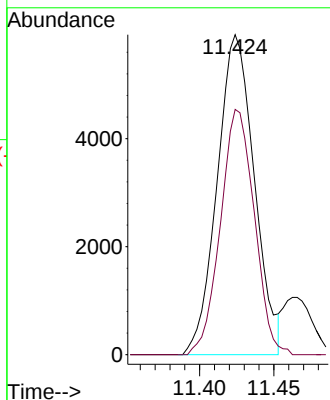
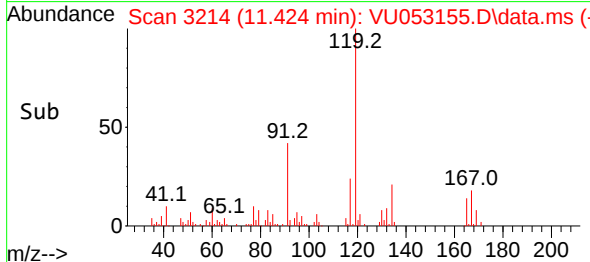
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



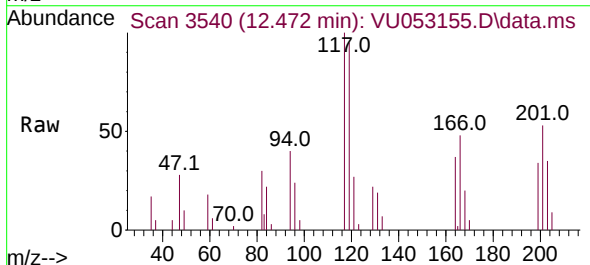
Tgt Ion:117 Resp: 10310
Ion Ratio Lower Upper
117 100
167 70.0 57.5 86.3

Manual Integrations
APPROVED

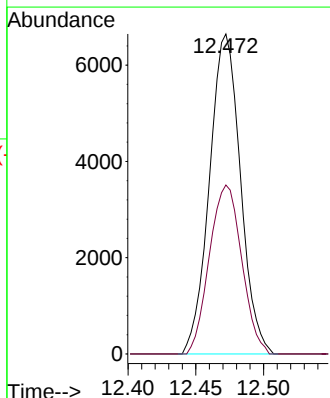
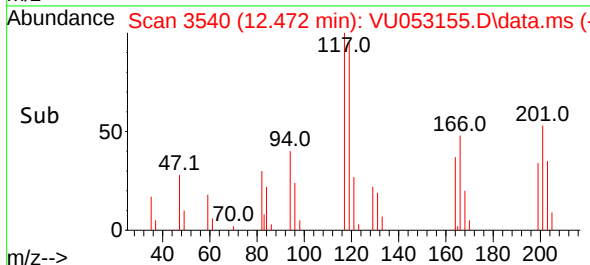
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

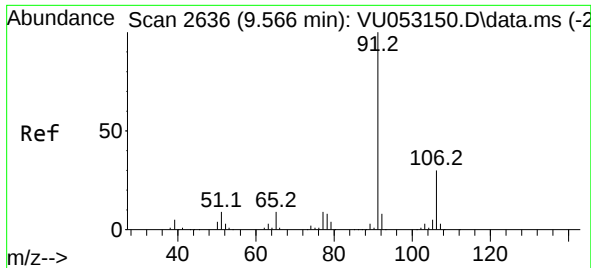


#62
Hexachloroethane
Concen: 1.800 ug/l
RT: 12.472 min Scan# 3540
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16



Tgt Ion:117 Resp: 10566
Ion Ratio Lower Upper
117 100
201 54.9 46.7 70.1





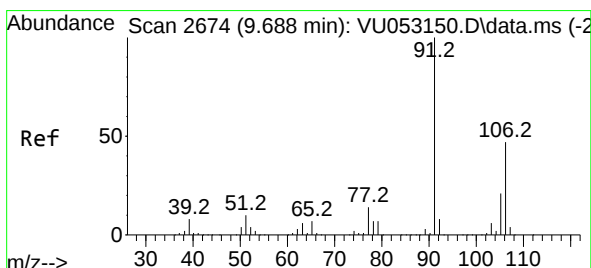
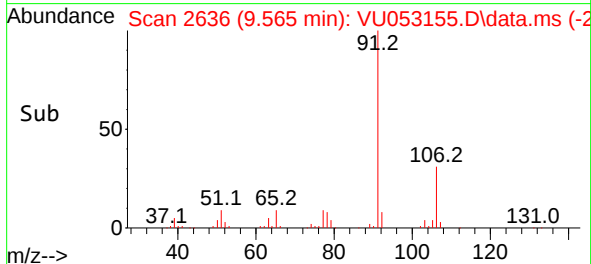
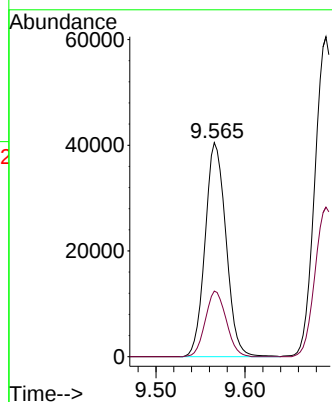
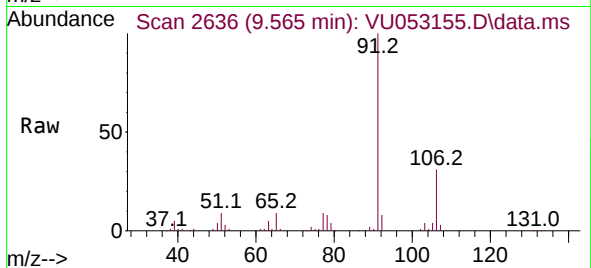
#63
Ethyl Benzene
Concen: 1.923 ug/l
RT: 9.565 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

Tgt Ion: 91 Resp: 6583
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0

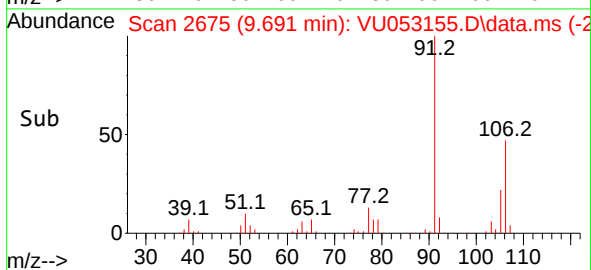
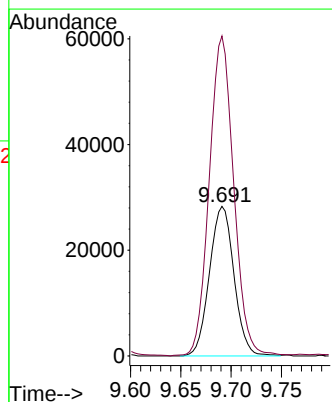
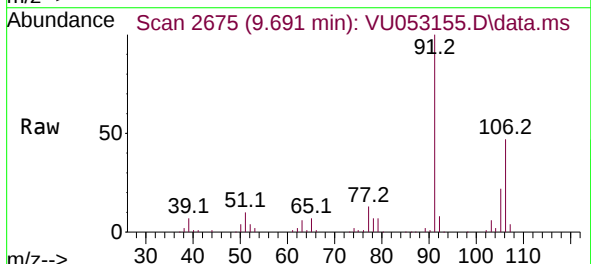
Manual Integrations
APPROVED

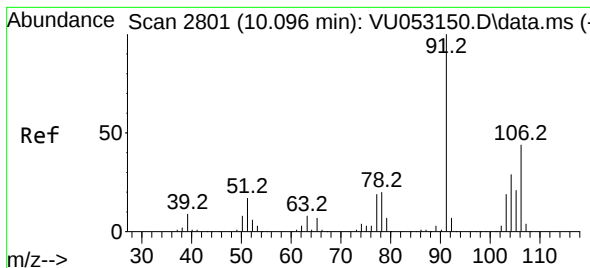
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#64
m/p-Xylenes
Concen: 3.864 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:106 Resp: 47986
Ion Ratio Lower Upper
106 100
91 213.6 170.7 256.1





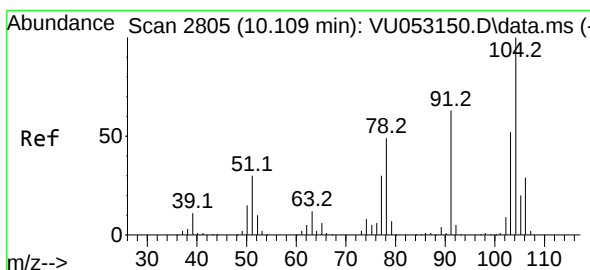
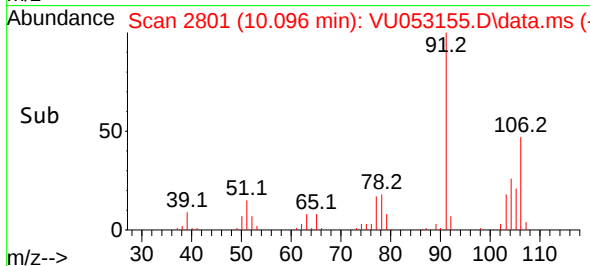
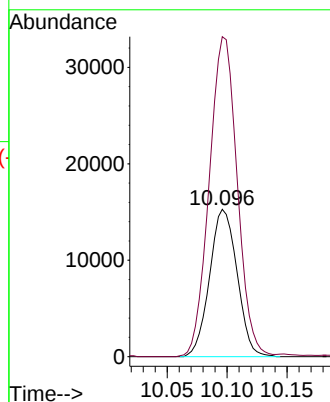
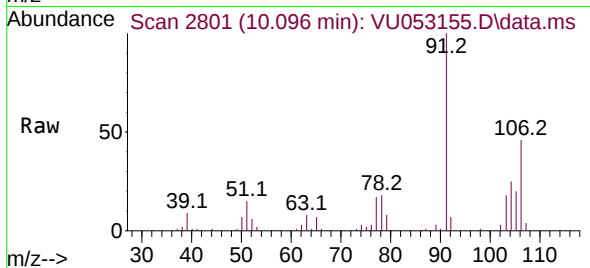
#65
o-Xylene
Concen: 1.920 ug/l
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

Tgt Ion:106 Resp: 2434
Ion Ratio Lower Upper
106 100
91 221.3 112.8 338.4

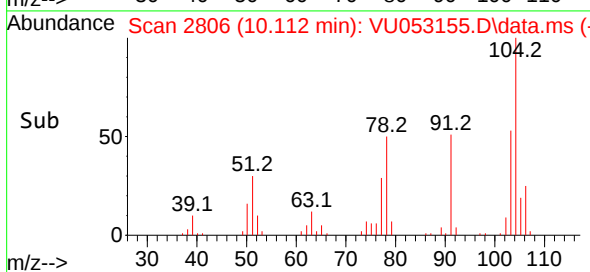
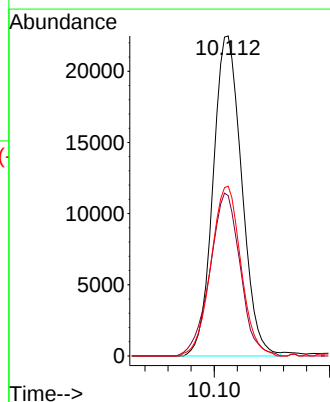
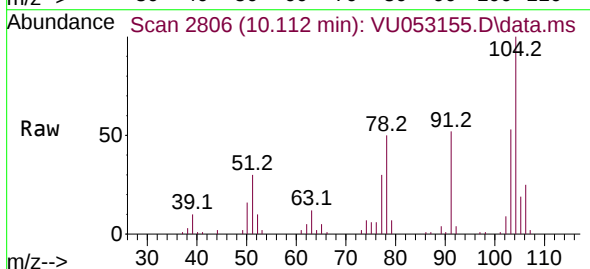
Manual Integrations
APPROVED

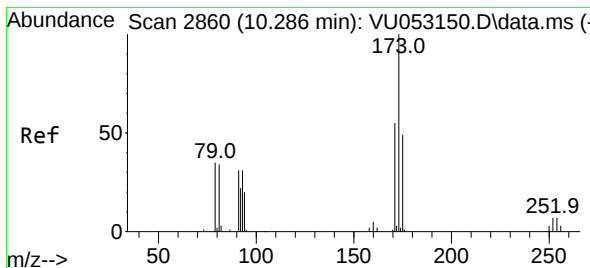
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#66
Styrene
Concen: 1.924 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:104 Resp: 38683
Ion Ratio Lower Upper
104 100
78 53.7 43.3 64.9
103 55.5 45.2 67.8





#67

Bromoform

Concen: 1.782 ug/l

RT: 10.286 min Scan# 2860

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

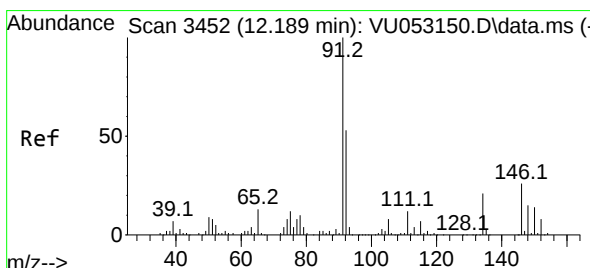
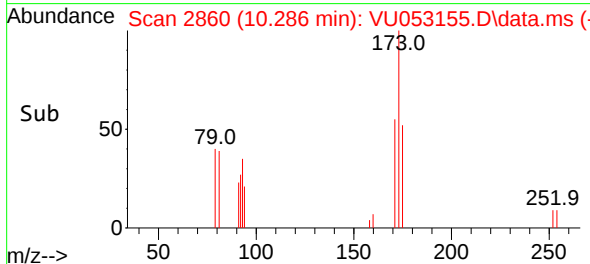
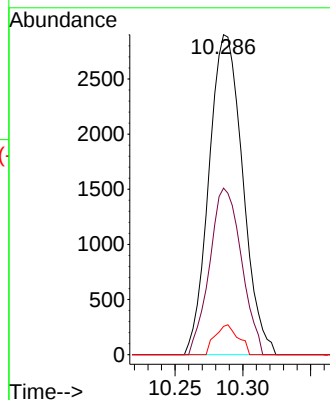
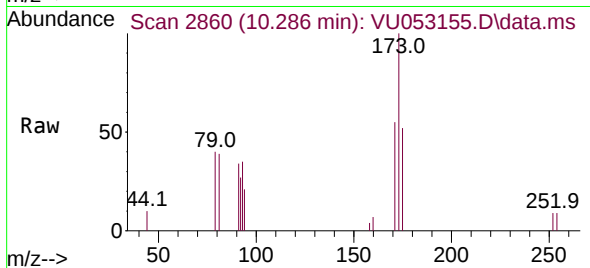
Tgt Ion:	173	Resp:	5010
Ion Ratio	Lower	Upper	
173	100		
175	49.1	38.7	58.1
254	6.4	5.8	8.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#68

1,2-Dichlorobenzene-d4

Concen: 1.066 ug/l

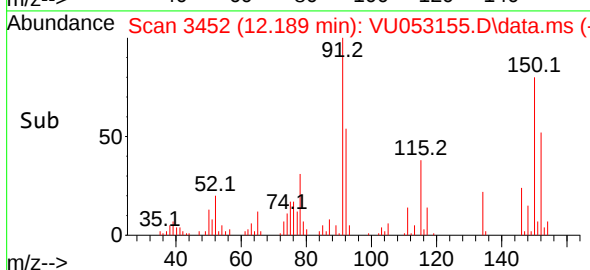
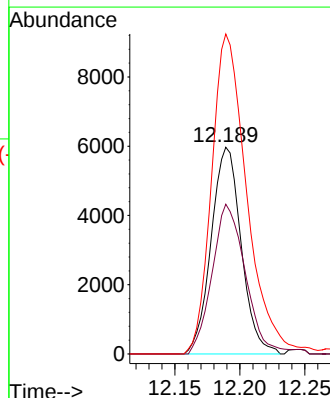
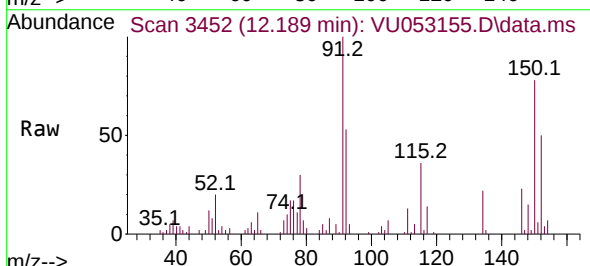
RT: 12.189 min Scan# 3452

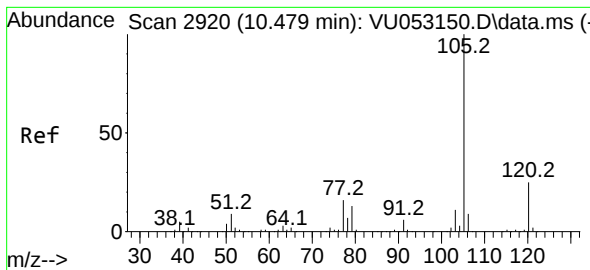
Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Tgt Ion:	152	Resp:	9589
Ion Ratio	Lower	Upper	
152	100		
115	80.9	0.0	267.8
150	181.7	0.0	623.0





#69

Isopropylbenzene

Concen: 1.921 ug/l

RT: 10.482 min Scan# 2920

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

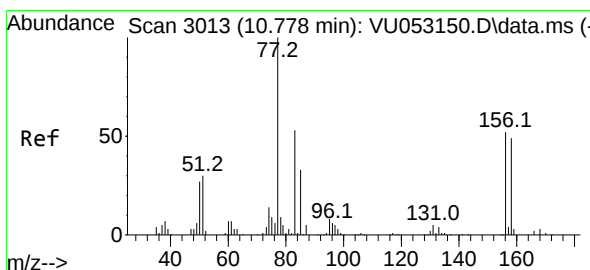
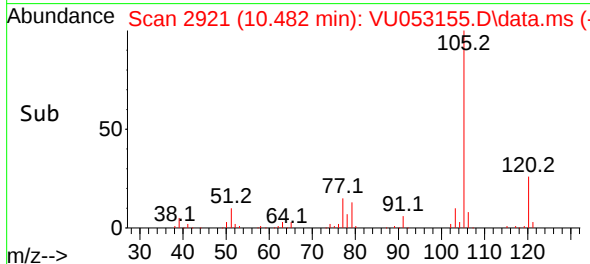
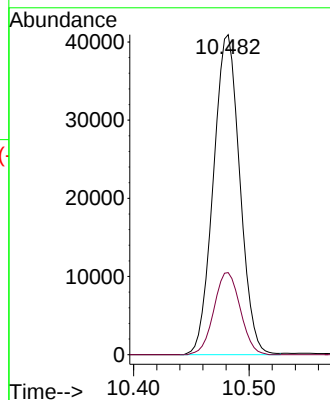
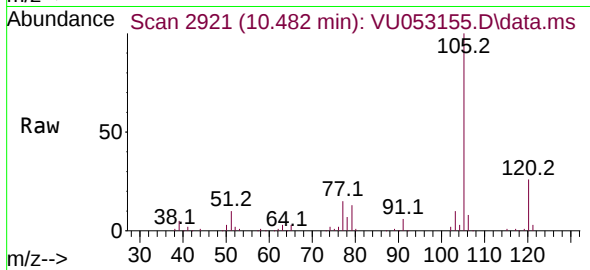
Tgt Ion:105 Resp: 65250
 Ion Ratio Lower Upper
 105 100
 120 25.5 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 1.944 ug/l

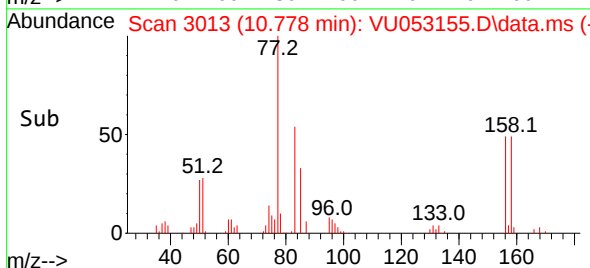
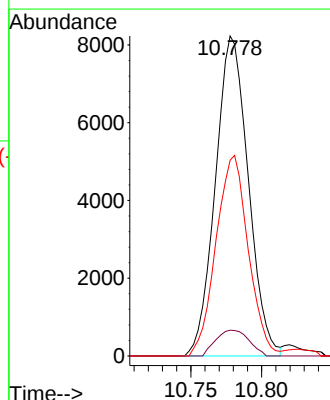
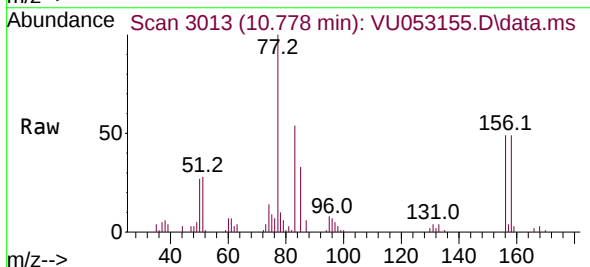
RT: 10.778 min Scan# 3013

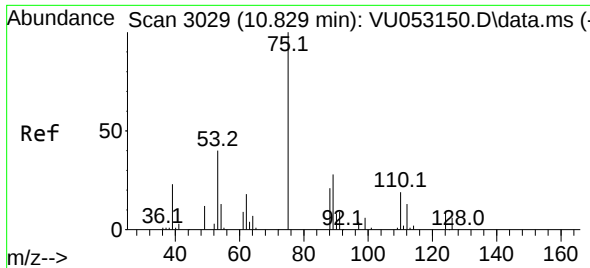
Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Tgt Ion: 83 Resp: 13291
 Ion Ratio Lower Upper
 83 100
 131 8.1 6.6 9.8
 85 61.5 49.3 73.9





#71
1,2,3-Trichloropropane
Concen: 1.966 ug/l m
RT: 10.823 min Scan# 3029
Delta R.T. -0.007 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

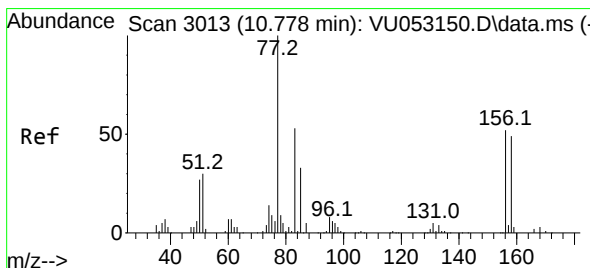
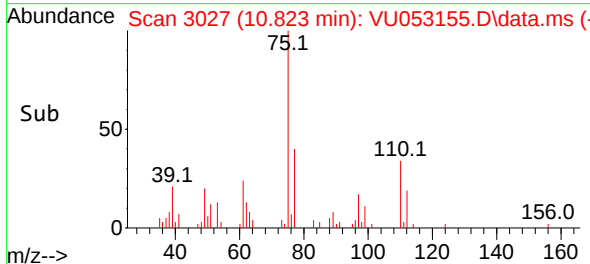
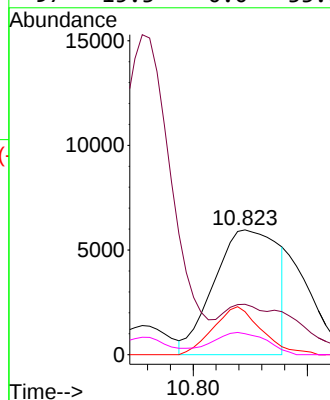
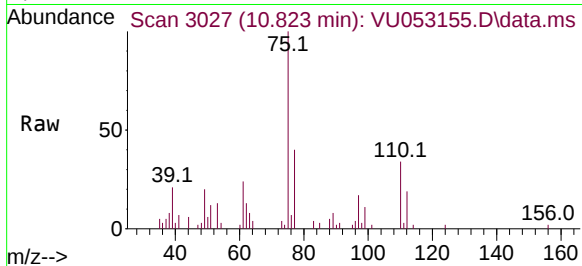
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

Tgt Ion: 75 Resp: 11560

Ion	Ratio	Lower	Upper
75	100		
77	46.0	0.0	98.2
110	29.2	0.0	57.0
97	15.3	0.0	33.6

Manual Integrations
APPROVED

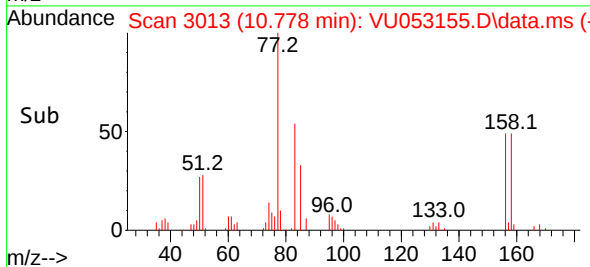
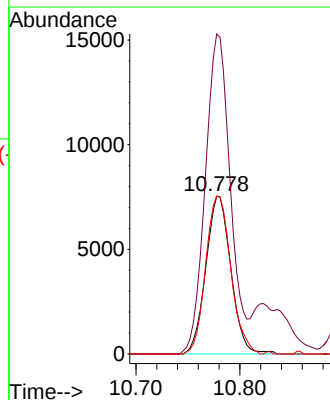
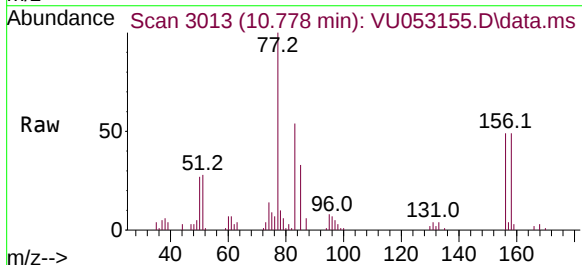
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

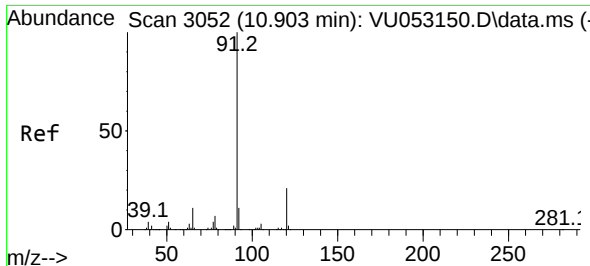


#72
Bromobenzene
Concen: 1.911 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:156 Resp: 12594

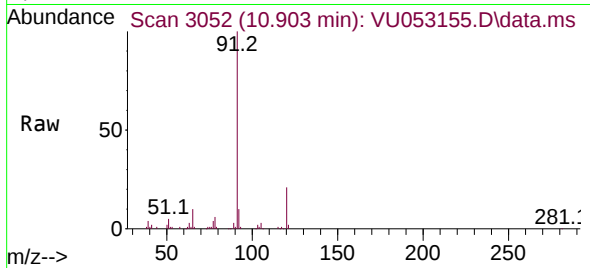
Ion	Ratio	Lower	Upper
156	100		
77	201.9	0.0	397.0
158	100.6	0.0	189.2





#73
n-propylbenzene
Concen: 1.968 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

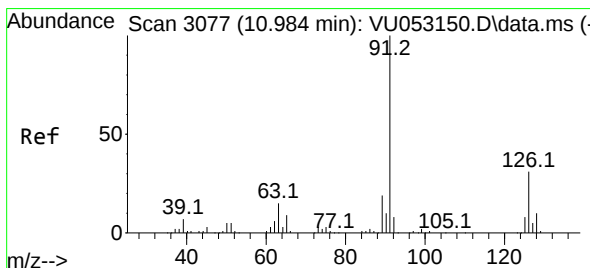
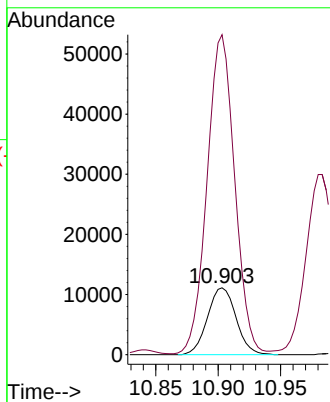
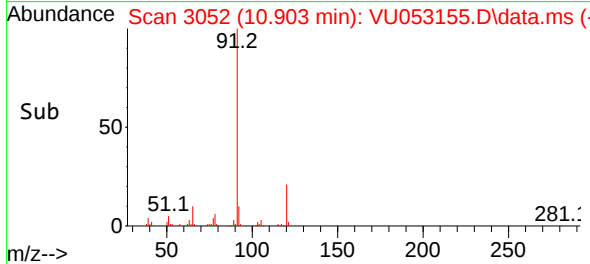
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



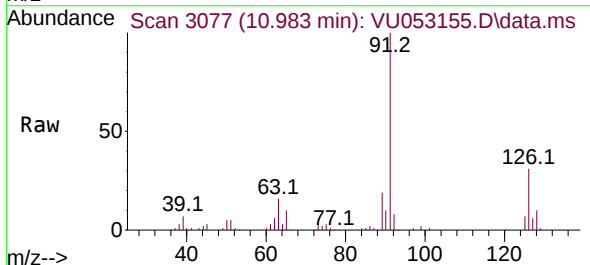
Tgt Ion:120 Resp: 17734
Ion Ratio Lower Upper
120 100
91 461.5 372.5 558.7

Manual Integrations
APPROVED

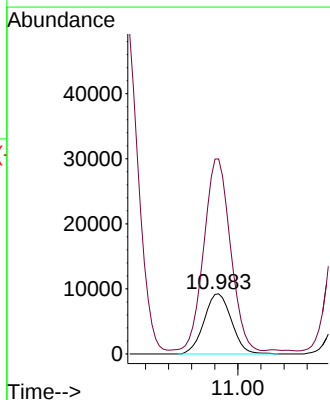
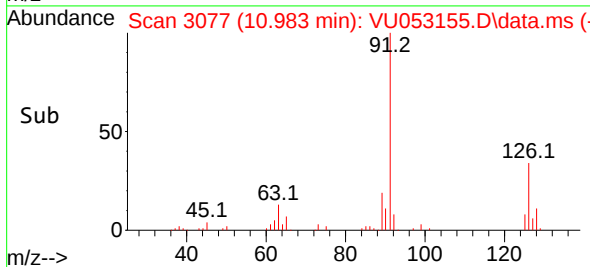
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

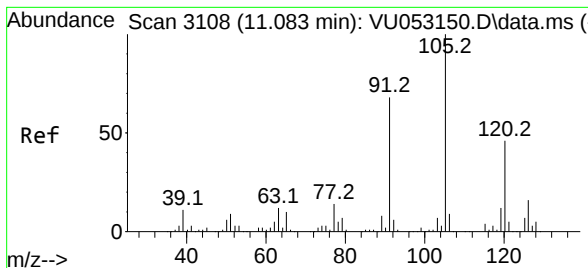


#74
2-Chlorotoluene
Concen: 2.040 ug/l
RT: 10.983 min Scan# 3077
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16



Tgt Ion:126 Resp: 15222
Ion Ratio Lower Upper
126 100
91 311.3 0.0 658.6





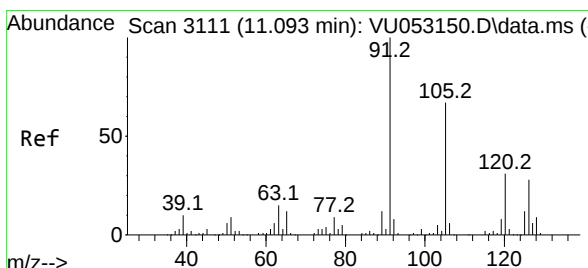
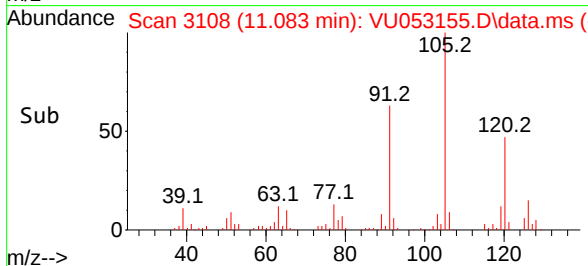
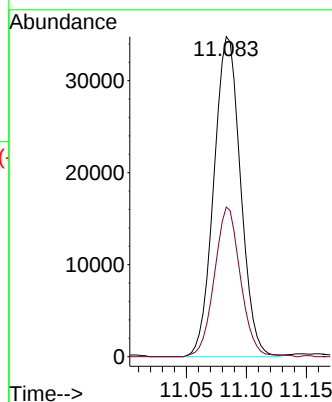
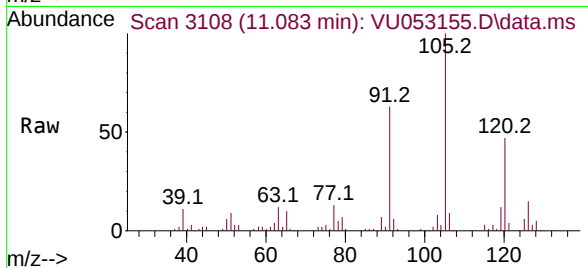
#75
1,3,5-Trimethylbenzene
Concen: 1.908 ug/l
RT: 11.083 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

Tgt Ion:105 Resp: 53918
Ion Ratio Lower Upper
105 100
120 45.6 36.5 54.7

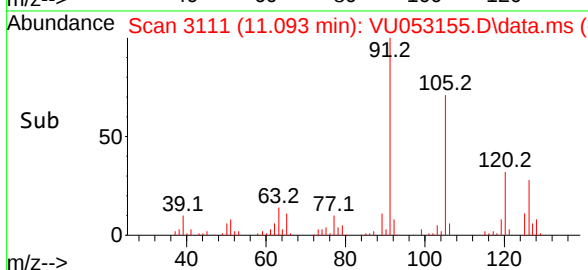
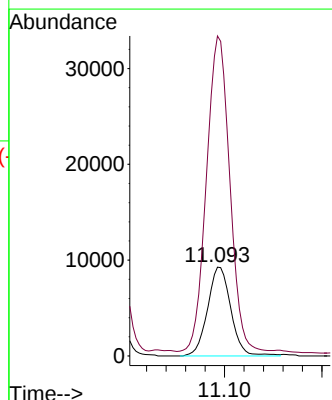
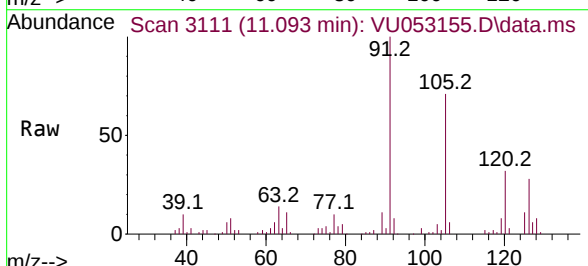
Manual Integrations
APPROVED

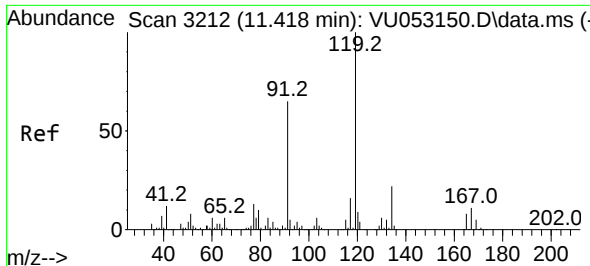
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#76
4-Chlorotoluene
Concen: 1.966 ug/l
RT: 11.093 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:126 Resp: 15418
Ion Ratio Lower Upper
126 100
91 353.5 0.0 760.6





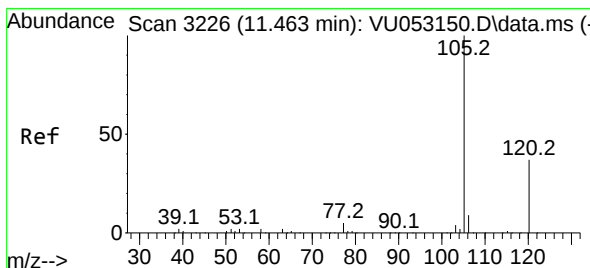
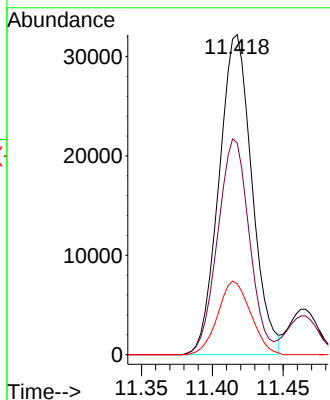
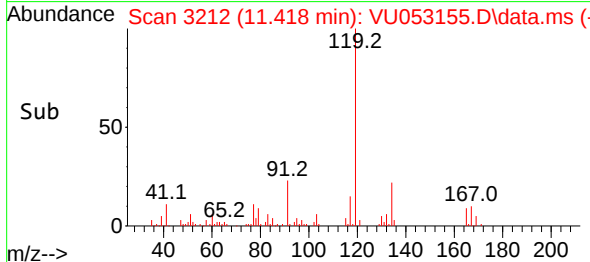
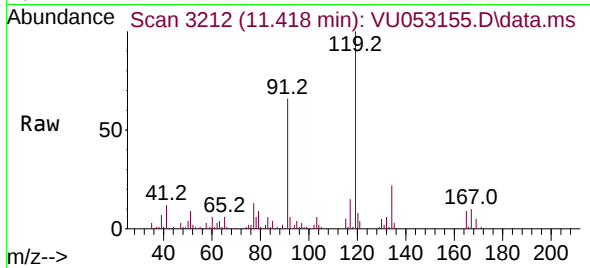
#77
tert-Butylbenzene
Concen: 1.883 ug/l
RT: 11.418 min Scan# 3212
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

Tgt Ion:119 Resp: 52140
Ion Ratio Lower Upper
119 100
91 65.1 31.9 95.7
134 22.9 17.4 26.0

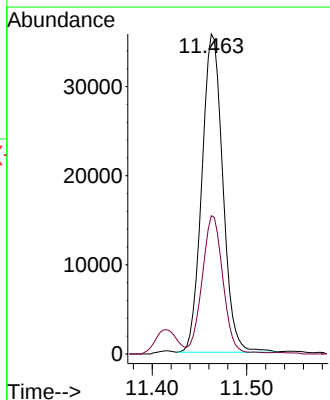
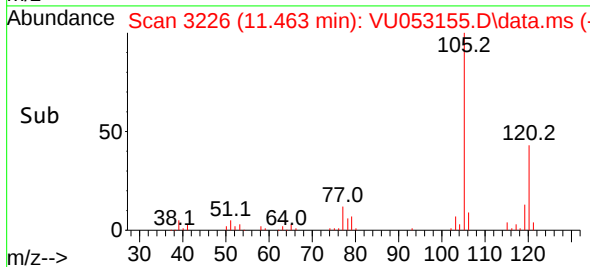
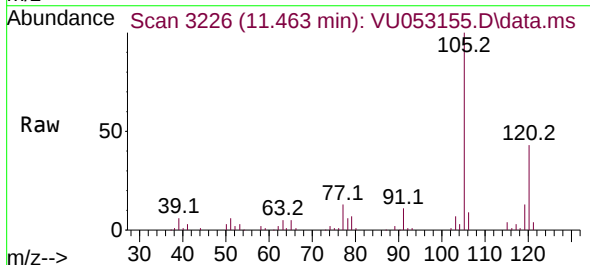
Manual Integrations
APPROVED

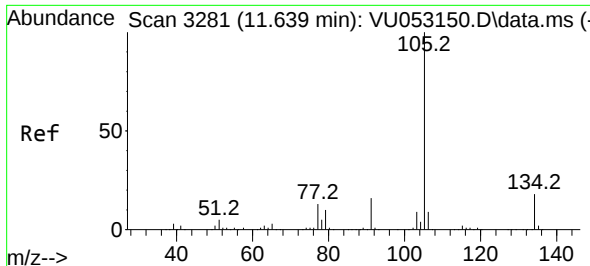
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#78
1,2,4-Trimethylbenzene
Concen: 1.906 ug/l
RT: 11.463 min Scan# 3226
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:105 Resp: 54914
Ion Ratio Lower Upper
105 100
120 42.4 21.1 63.1





#79

sec-Butylbenzene

Concen: 1.908 ug/l

RT: 11.639 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

Tgt Ion:105 Resp: 73330

Ion Ratio Lower Upper

105 100

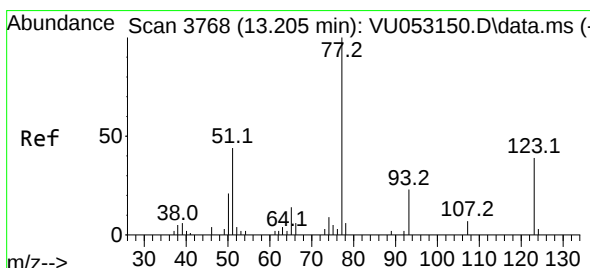
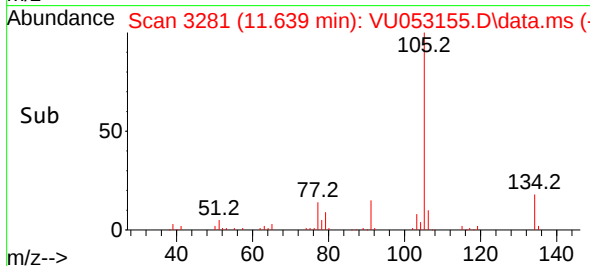
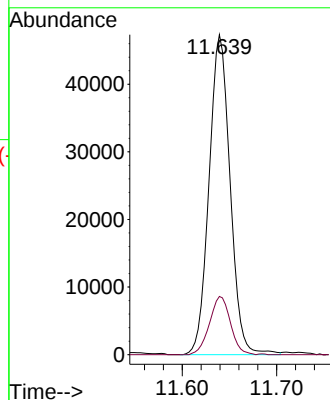
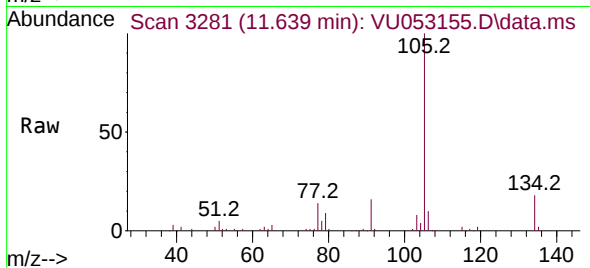
134 18.1 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#80

Nitrobenzene

Concen: 8.288 ug/l

RT: 13.208 min Scan# 3769

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

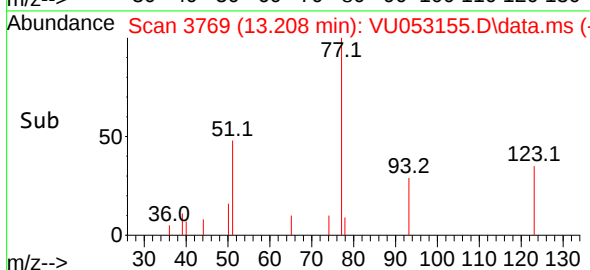
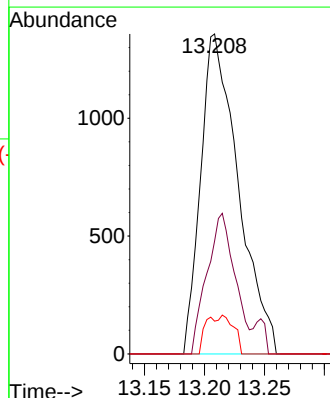
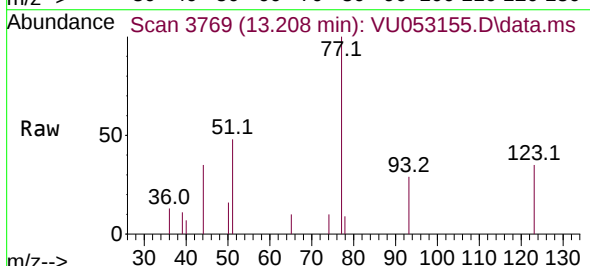
Tgt Ion: 77 Resp: 2961

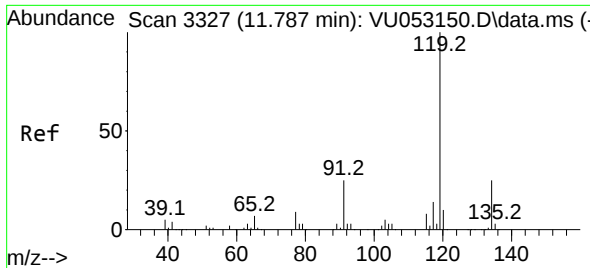
Ion Ratio Lower Upper

77 100

123 27.8 17.0 60.2

65 3.5 12.9 16.5#





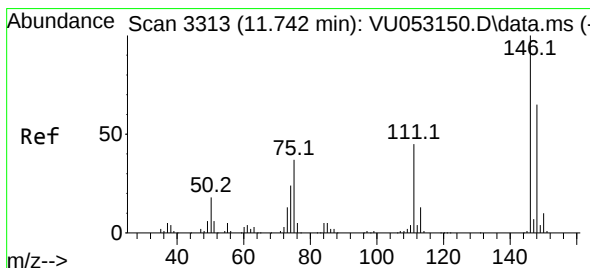
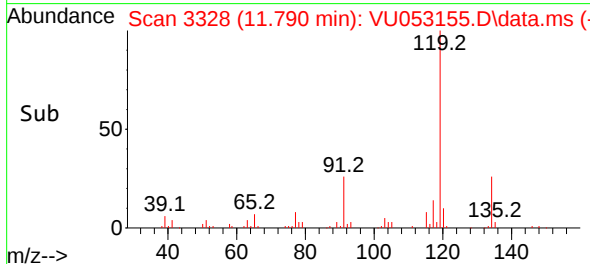
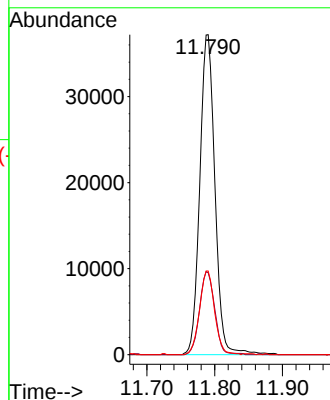
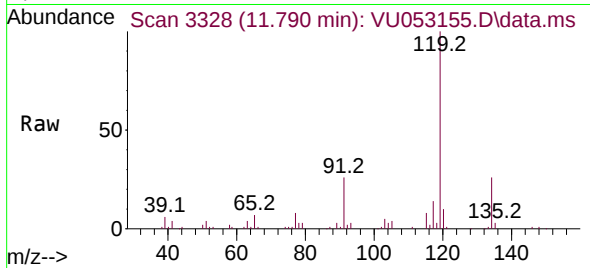
#81
p-Isopropyltoluene
Concen: 1.895 ug/l
RT: 11.790 min Scan# 3328
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

Tgt Ion:119 Resp: 5768
Ion Ratio Lower Upper
119 100
134 26.0 19.8 29.6
91 25.9 20.5 30.7

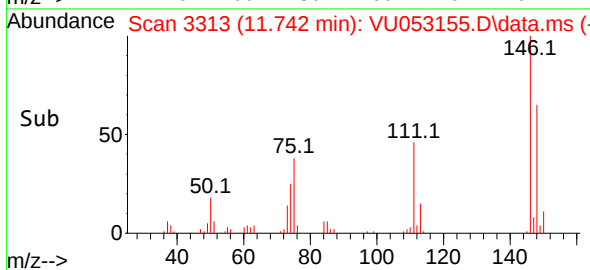
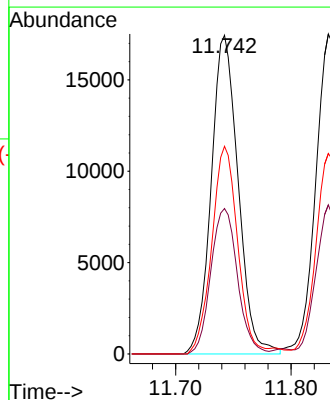
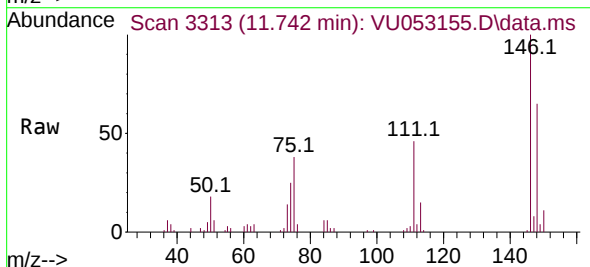
Manual Integrations
APPROVED

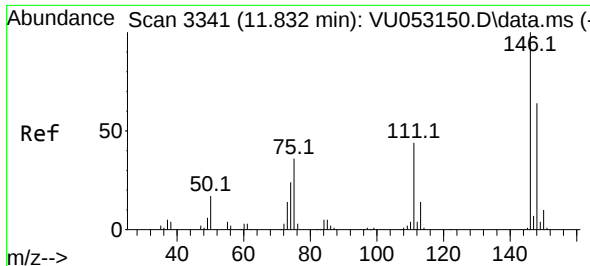
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#82
1,3-Dichlorobenzene
Concen: 1.949 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

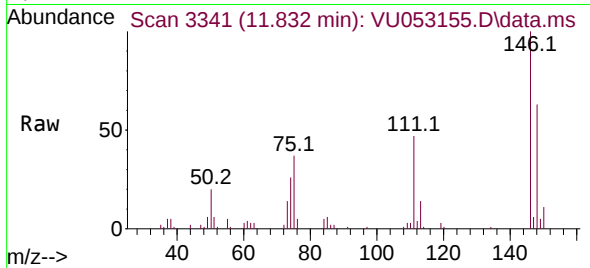
Tgt Ion:146 Resp: 28208
Ion Ratio Lower Upper
146 100
111 45.3 36.0 54.0
148 62.6 50.8 76.2





#83
1,4-Dichlorobenzene
Concen: 1.928 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

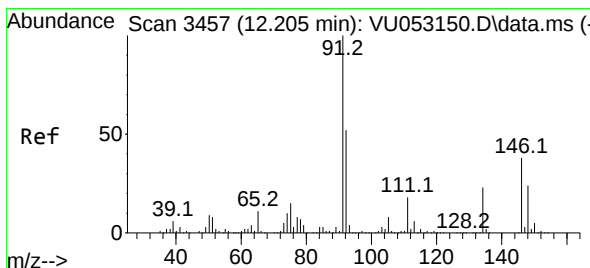
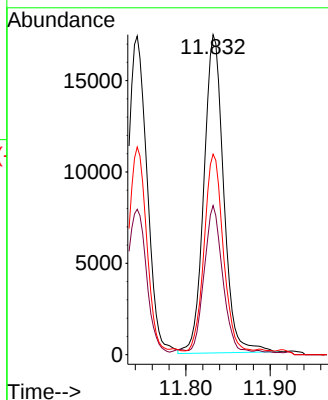
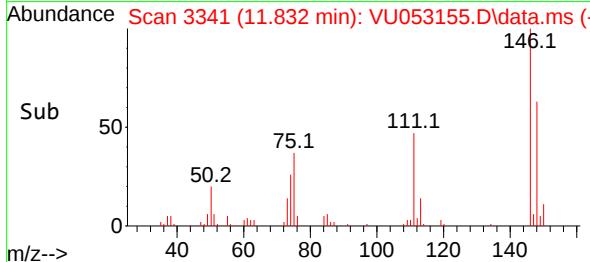
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



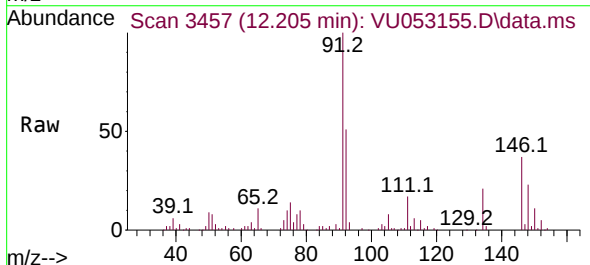
Tgt Ion:146 Resp: 2848
Ion Ratio Lower Upper
146 100
111 41.5 34.0 51.0
148 59.5 49.8 74.6

Manual Integrations
APPROVED

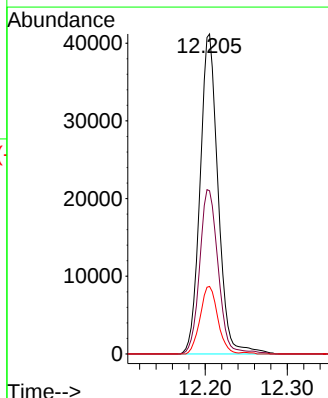
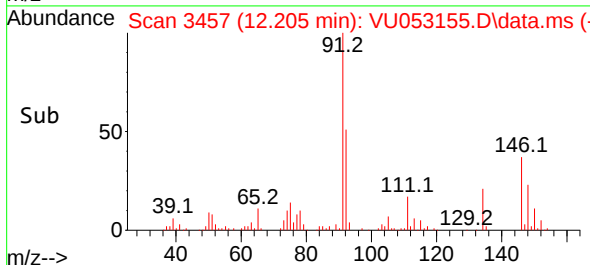
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

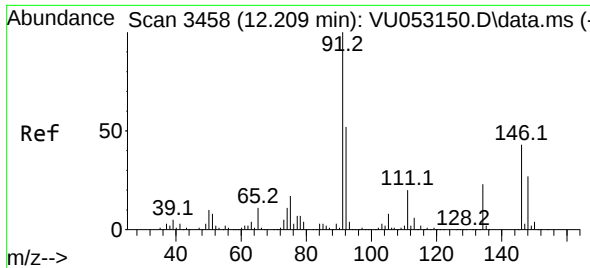


#84
n-Butylbenzene
Concen: 1.990 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16



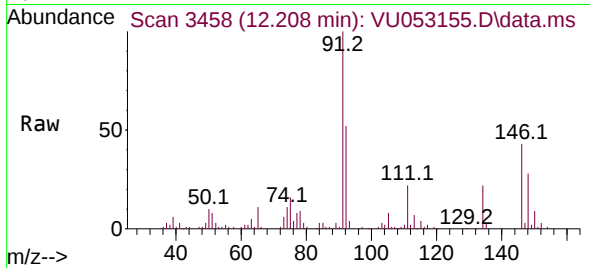
Tgt Ion: 91 Resp: 62779
Ion Ratio Lower Upper
91 100
92 52.8 41.8 62.6
134 20.7 17.9 26.9





#85
1,2-Dichlorobenzene
Concen: 1.988 ug/l
RT: 12.208 min Scan# 3458
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

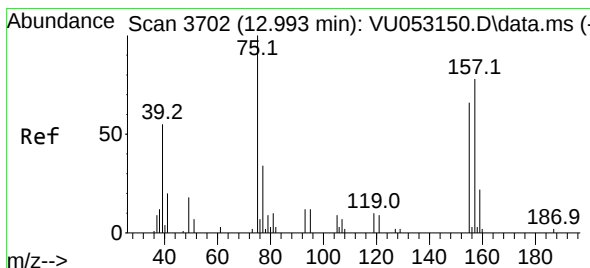
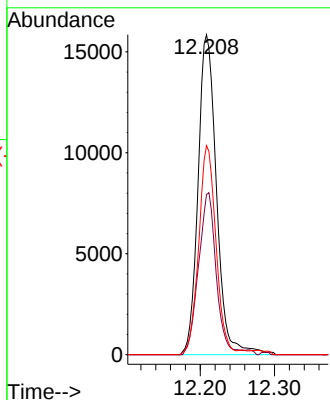
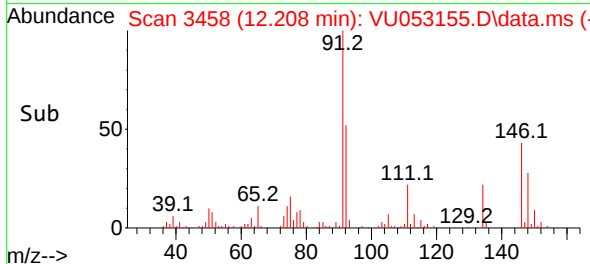
Instrument : MSVOA_U
ClientSampleId : VU0227WBSD01



Tgt Ion:146 Resp: 27430
Ion Ratio Lower Upper
146 100
111 48.4 23.2 69.6
148 60.9 31.4 94.3

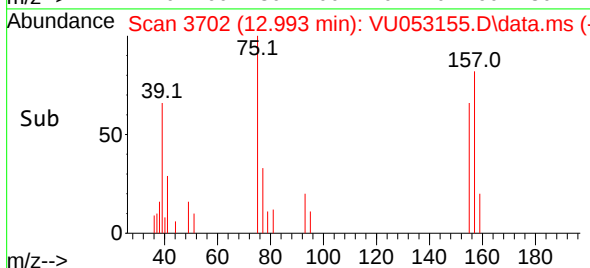
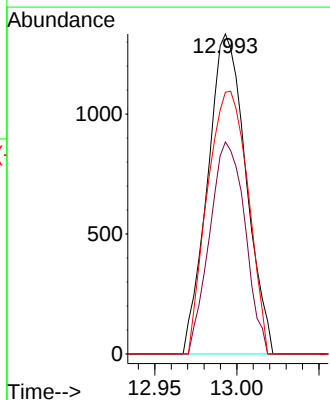
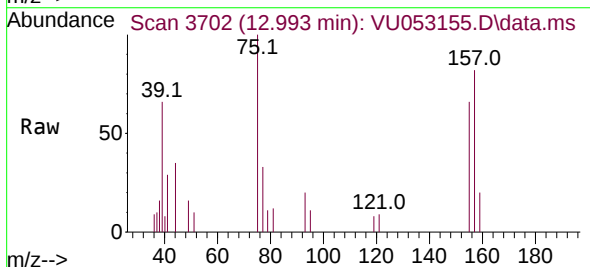
Manual Integrations
APPROVED

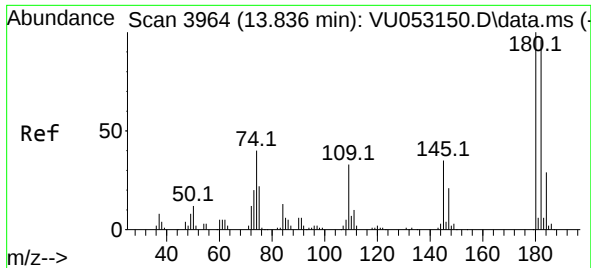
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.995 ug/l
RT: 12.993 min Scan# 3702
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

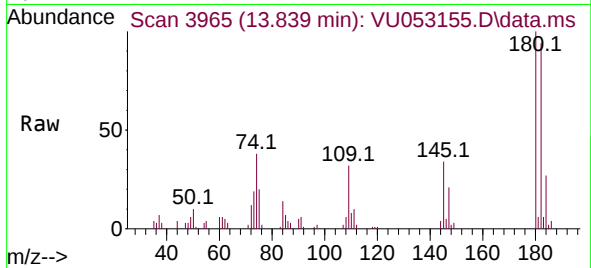
Tgt Ion: 75 Resp: 2160
Ion Ratio Lower Upper
75 100
155 61.3 53.4 80.0
157 86.9 61.7 92.5





#87
1,2,4-Trichlorobenzene
Concen: 2.015 ug/l
RT: 13.839 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

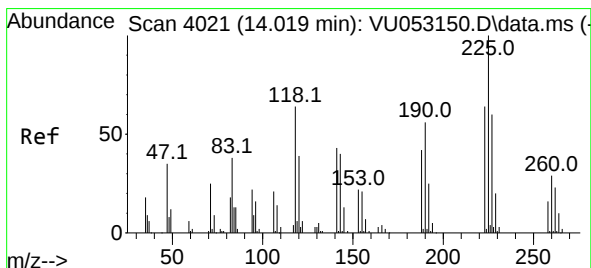
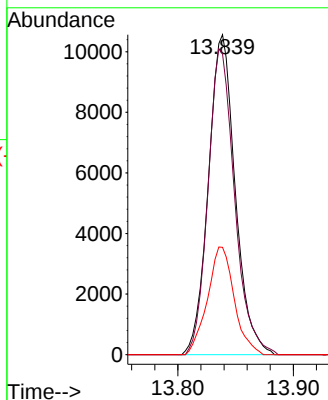
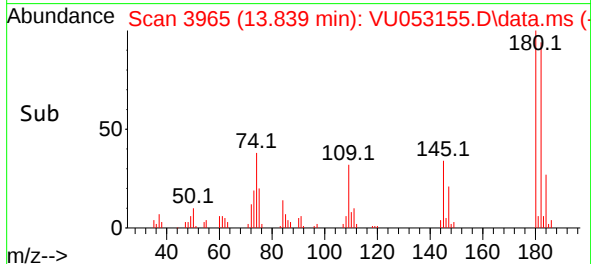
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



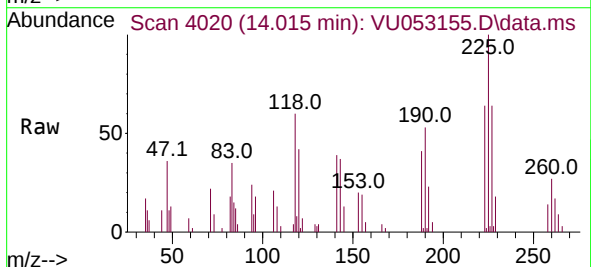
Tgt Ion:180 Resp: 1706
Ion Ratio Lower Upper
180 100
182 94.6 77.4 116.0
145 33.5 28.3 42.5

Manual Integrations
APPROVED

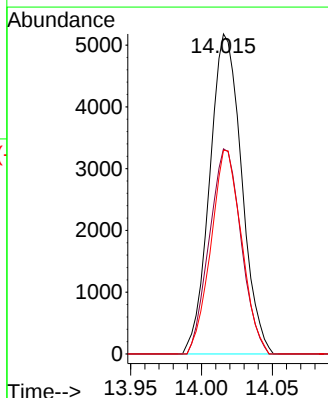
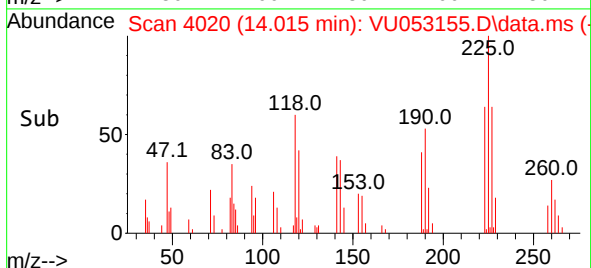
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

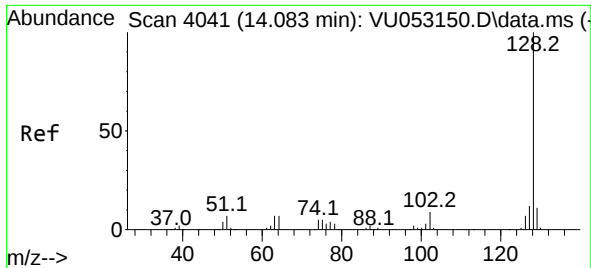


#88
Hexachlorobutadiene
Concen: 1.965 ug/l
RT: 14.015 min Scan# 4020
Delta R.T. -0.004 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16



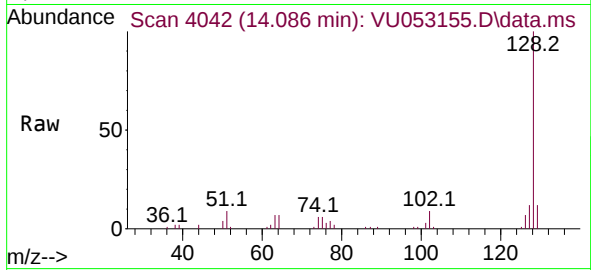
Tgt Ion:225 Resp: 8127
Ion Ratio Lower Upper
225 100
223 63.7 51.1 76.7
227 61.1 49.9 74.9





#89
Naphthalene
Concen: 2.047 ug/l
RT: 14.086 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

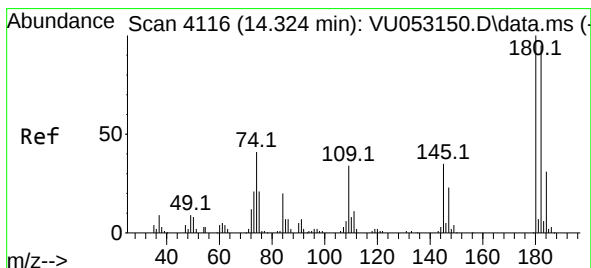
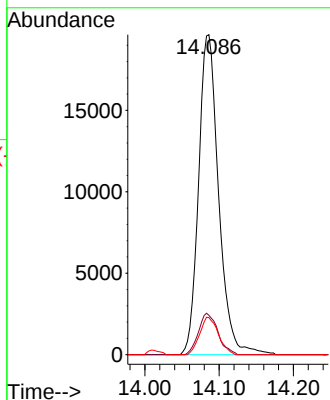
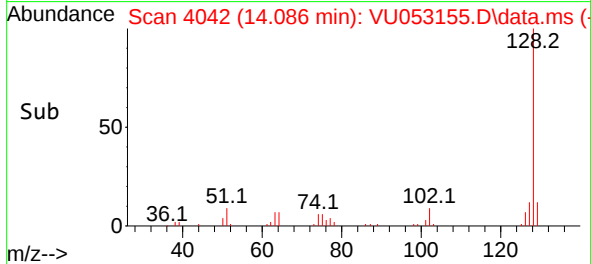
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01



Tgt Ion:128 Resp: 3686
Ion Ratio Lower Upper
128 100
127 12.6 9.9 14.9
129 10.9 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#90
1,2,3-Trichlorobenzene
Concen: 1.963 ug/l
RT: 14.327 min Scan# 4117
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:180 Resp: 14624
Ion Ratio Lower Upper
180 100
182 101.2 76.6 115.0
145 39.7 29.0 43.6

