

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020923\
 Data File : VU053020.D
 Acq On : 09 Feb 2023 15:55
 Operator : JC/MD
 Sample : VU0209WBS02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0209WBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023

Quant Time: Feb 10 01:21:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 05:16:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.109	96	33850	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	12372	1.099	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	10514	0.908	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	16505	1.441	ug/l	97
3) Chloromethane	1.518	50	17649	1.624	ug/l	100
4) Vinyl Chloride	1.605	62	19606	1.868	ug/l	96
5) Bromomethane	1.859	94	10340	1.896	ug/l	90
6) Chloroethane	1.933	64	11551	1.830	ug/l	98
7) Trichlorofluoromethane	2.135	101	30502	1.995	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	16655	1.992	ug/l	91
9) 1,1-Dichloroethene	2.576	96	15658	1.982	ug/l	94
10) Iodomethane	2.717	142	17578	2.010	ug/l	95
11) Allyl Chloride	2.916	41	20451	2.167	ug/l	98
12) Acrylonitrile	3.331	53	7737	4.620	ug/l	98
13) Acetone	2.662	43	15558	6.550	ug/l	93
14) Carbon Disulfide	2.788	76	45586	1.723	ug/l	99
15) Methylene Chloride	3.042	84	18563	1.946	ug/l	98
16) trans-1,2-Dichloroethene	3.344	96	15774	1.795	ug/l	92
17) 1,1-Dichloroethane	3.862	63	32934	2.219	ug/l	97
18) 2-Butanone	4.736	43	24330	8.817	ug/l	92
19) Cyclohexane	5.379	56	21603	1.655	ug/l	95
20) Methylcyclohexane	6.756	83	27850	1.913	ug/l	93
21) 2,2-Dichloropropane	4.659	77	29252	2.122	ug/l	97
22) cis-1,2-Dichloroethene	4.659	96	18798	2.047	ug/l	93
23) Diethyl Ether	2.373	59	13285	2.379	ug/l	97
24) tert-Butyl Alcohol	3.344	59	2991m	4.449	ug/l	
25) Methyl tert-Butyl Ether	3.363	73	43021	2.374	ug/l	100
26) Bromochloromethane	4.968	128	6562	1.530	ug/l	83
27) Chloroform	5.084	83	29420	1.850	ug/l	98
28) 1,1,1-Trichloroethane	5.309	97	24513	1.669	ug/l	96
29) 1,1-Dichloropropene	5.518	75	21180	1.710	ug/l	99
30) Carbon Tetrachloride	5.518	117	20831	1.563	ug/l	96
31) Isopropyl Ether	3.994	45	48168	2.258	ug/l	94
32) Ethyl-t-butyl ether	4.505	59	50350	2.528	ug/l	95
33) Tert-Amyl methyl ether	5.945	73	39139	2.222	ug/l	96
34) Propionitrile	4.807	54	7908m	12.516	ug/l	
35) Benzene	5.768	78	59424	1.654	ug/l	98
36) 1,2-Dichloroethane	5.791	62	18074	1.675	ug/l	99
37) Trichloroethene	6.540	130	14947	1.526	ug/l	88
38) 1,2-Dichloropropane	6.788	63	16339	1.792	ug/l	98
39) Methacrylonitrile	4.977	41	4479	1.775	ug/l	90
40) Methyl acrylate	4.852	55	9192	2.055	ug/l	# 91
41) Tetrahydrofuran	5.080	42	4767	3.798	ug/l	95
42) 1-Chlorobutane	5.450	56	28567	1.804	ug/l	95
43) Dibromomethane	6.916	93	7853	1.702	ug/l	# 85
44) Bromodichloromethane	7.103	83	21433	1.712	ug/l	97

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Instrument :
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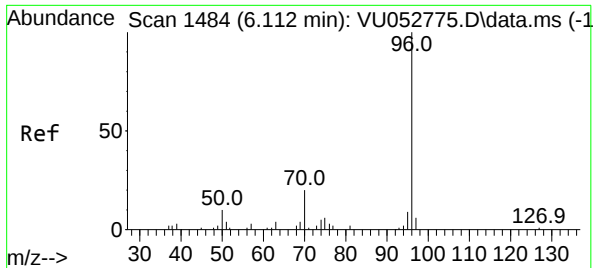
Manual Integrations
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Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023

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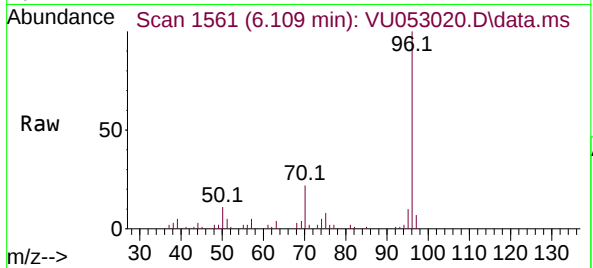
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	46525	9.594	ug/l	96
46) t-1,4-Dichloro-2-butene	10.826	75	11553m	4.544	ug/l	
47) Methyl methacrylate	6.968	69	16646	4.058	ug/l	95
48) Ethyl methacrylate	8.334	69	16595	2.232	ug/l	99
49) Toluene	7.964	92	36855	1.689	ug/l	91
50) t-1,3-Dichloropropene	8.209	75	21426	1.962	ug/l	93
51) cis-1,3-Dichloropropene	7.604	75	25436	1.980	ug/l	97
52) 1,1,2-Trichloroethane	8.399	97	11803	1.799	ug/l	95
53) 1,3-Dichloropropane	8.572	76	20206	1.781	ug/l	99
54) 2-Hexanone	8.694	43	33543	7.907	ug/l	94
55) Dibromochloromethane	8.807	129	13676	1.593	ug/l	98
56) 1,2-Dibromoethane	8.923	107	10870	1.740	ug/l	98
58) Tetrachloroethene	8.550	164	11737	1.328	ug/l	92
59) Chlorobenzene	9.444	112	41526	1.749	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.530	131	14206	1.546	ug/l	93
61) Pentachloroethane	11.424	117	12009	1.595	ug/l	90
62) Hexachloroethane	12.472	117	12571	1.653	ug/l	83
63) Ethyl Benzene	9.566	91	73936	1.922	ug/l	100
64) m/p-Xylenes	9.691	106	54338	3.543	ug/l	93
65) o-Xylene	10.096	106	28325	1.914	ug/l	96
66) Styrene	10.112	104	42375	1.843	ug/l	92
67) Bromoform	10.289	173	7381	1.457	ug/l #	98
69) Isopropylbenzene	10.479	105	73647	1.956	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	16494	2.016	ug/l	99
71) 1,2,3-Trichloropropane	10.823	75	8901m	1.257	ug/l	
72) Bromobenzene	10.781	156	14557	1.522	ug/l	80
73) n-propylbenzene	10.903	120	18387	1.824	ug/l	86
74) 2-Chlorotoluene	10.984	126	16227	1.706	ug/l	83
75) 1,3,5-Trimethylbenzene	11.083	105	59911	1.904	ug/l	93
76) 4-Chlorotoluene	11.093	126	16260	1.666	ug/l	86
77) tert-Butylbenzene	11.414	119	59286	1.811	ug/l	92
78) 1,2,4-Trimethylbenzene	11.463	105	62256	1.956	ug/l	92
79) sec-Butylbenzene	11.640	105	78680	1.912	ug/l	95
80) Nitrobenzene	13.209	77	5586	11.032	ug/l	90
81) p-Isopropyltoluene	11.787	119	61013	1.802	ug/l #	95
82) 1,3-Dichlorobenzene	11.742	146	30175	1.545	ug/l	96
83) 1,4-Dichlorobenzene	11.832	146	28869	1.473	ug/l #	93
84) n-Butylbenzene	12.202	91	59977	2.017	ug/l	94
85) 1,2-Dichlorobenzene	12.209	146	29131	1.581	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.993	75	2791	1.842	ug/l #	79
87) 1,2,4-Trichlorobenzene	13.836	180	17378	1.572	ug/l	95
88) Hexachlorobutadiene	14.016	225	9081	1.172	ug/l	97
89) Naphthalene	14.083	128	37922	1.770	ug/l	100
90) 1,2,3-Trichlorobenzene	14.324	180	16280	1.552	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.109 min Scan# 1561
Delta R.T. -0.003 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

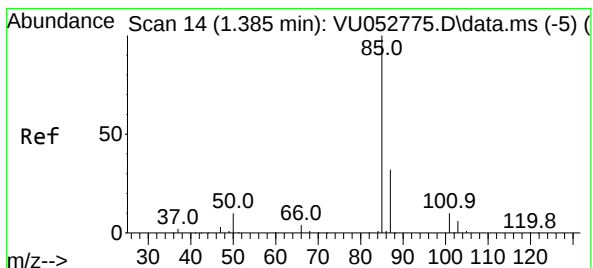
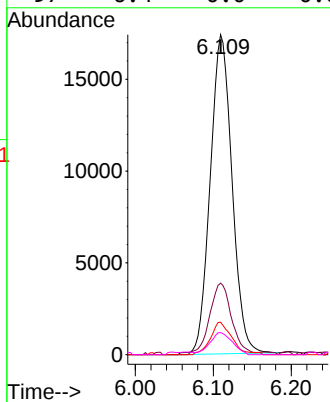
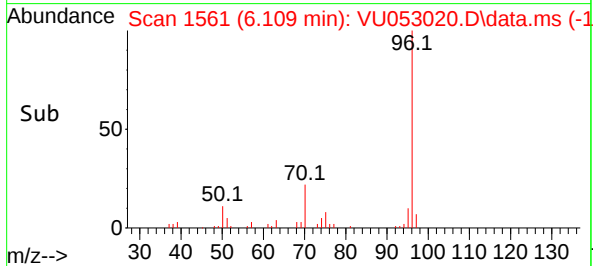
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02



Tgt Ion: 96 Resp: 33850
Ion Ratio Lower Upper
96 100
70 21.6 16.2 24.4
95 10.0 7.4 11.0
97 6.4 0.0 0.0#

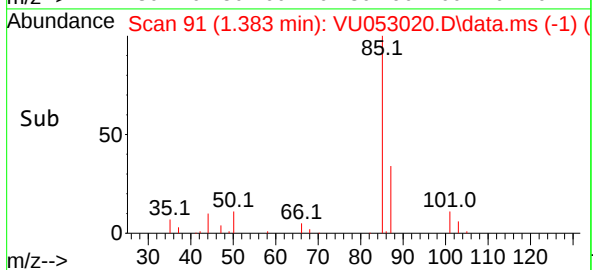
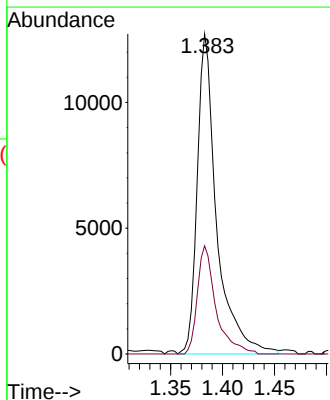
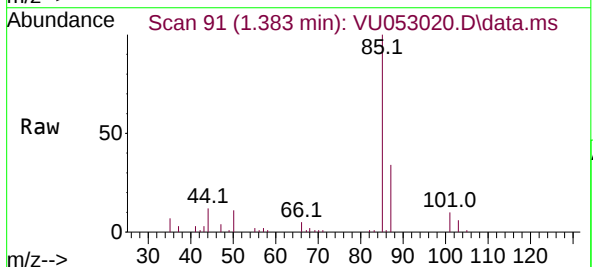
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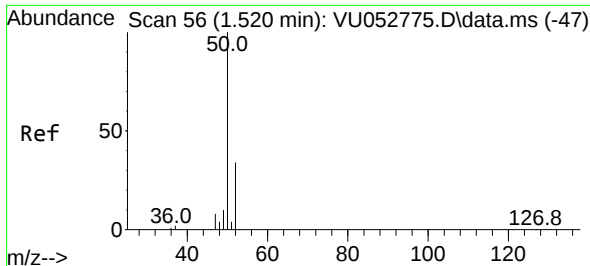
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#2
Dichlorodifluoromethane
Concen: 1.441 ug/l
RT: 1.383 min Scan# 91
Delta R.T. -0.002 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion: 85 Resp: 16505
Ion Ratio Lower Upper
85 100
87 33.8 16.1 48.2





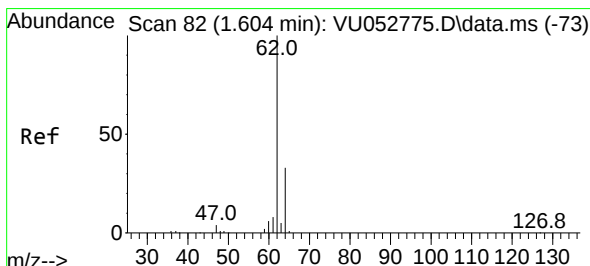
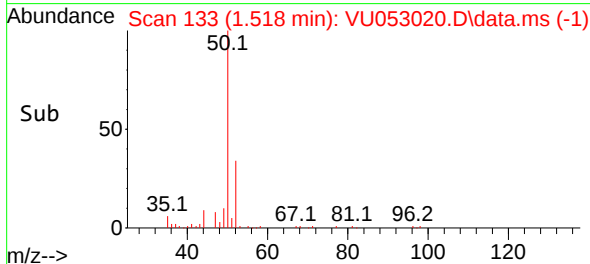
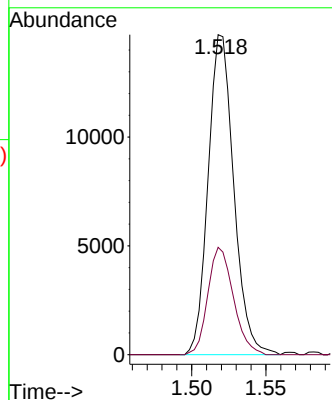
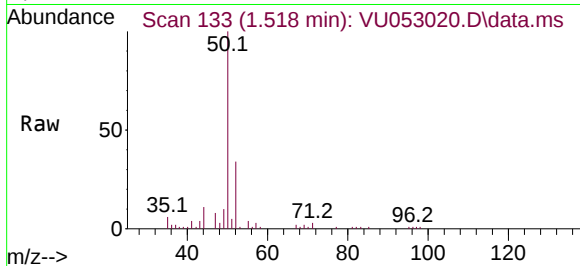
#3
Chloromethane
Concen: 1.624 ug/l
RT: 1.518 min Scan# 11
Delta R.T. -0.002 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02

Tgt Ion: 50 Resp: 17649
Ion Ratio Lower Upper
50 100
52 33.6 26.8 40.2

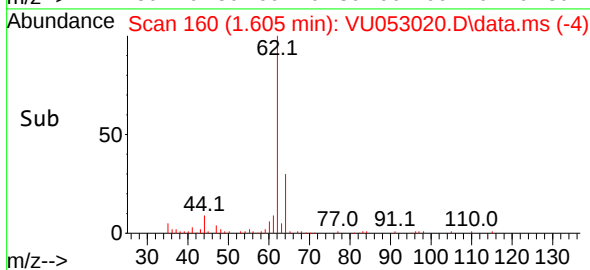
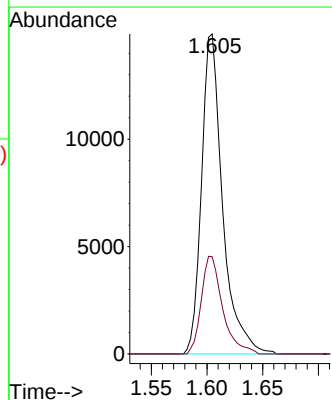
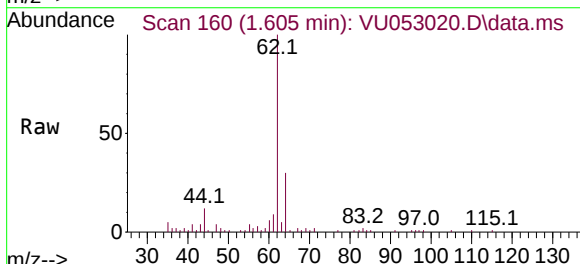
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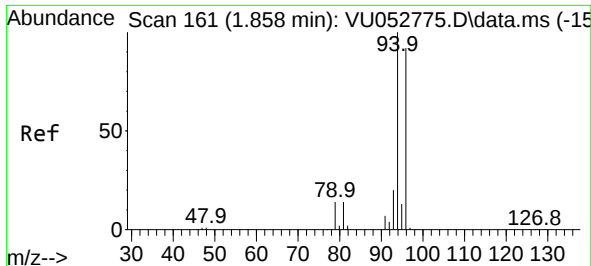
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#4
Vinyl Chloride
Concen: 1.868 ug/l
RT: 1.605 min Scan# 160
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion: 62 Resp: 19606
Ion Ratio Lower Upper
62 100
64 30.4 26.0 39.0





#5

Bromomethane

Concen: 1.896 ug/l

RT: 1.859 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

Tgt Ion: 94 Resp: 10340

Ion Ratio Lower Upper

94 100

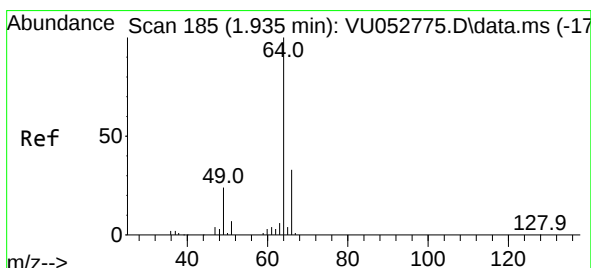
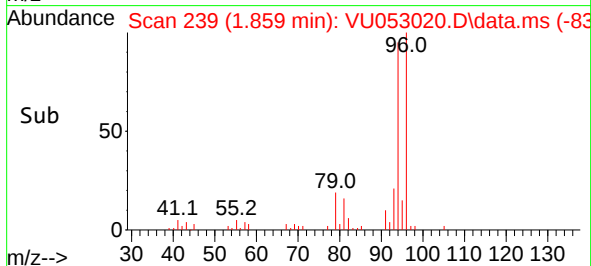
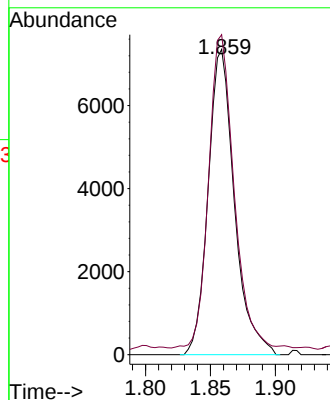
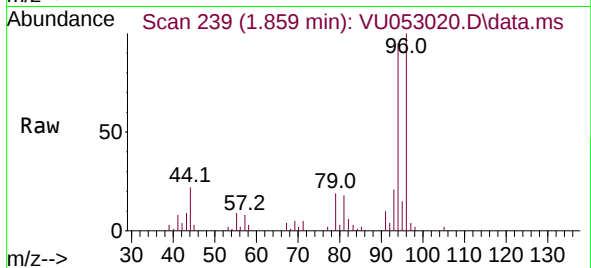
96 102.0 73.8 110.6

Manual Integrations

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Supervised By :Mahesh Dadoda 02/10/2023



#6

Chloroethane

Concen: 1.830 ug/l

RT: 1.933 min Scan# 262

Delta R.T. -0.002 min

Lab File: VU053020.D

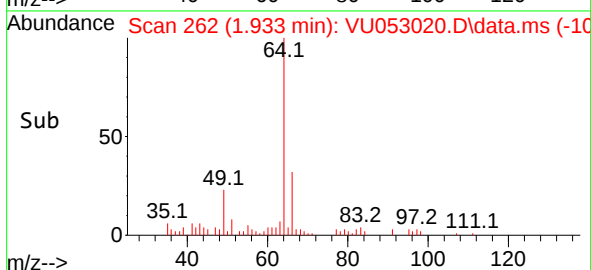
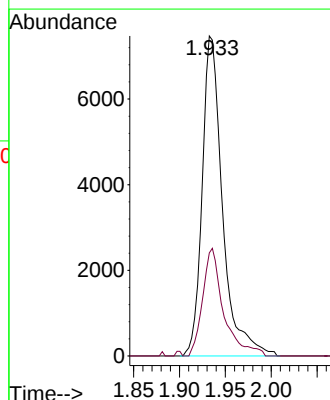
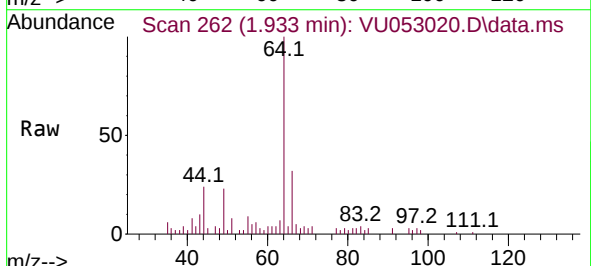
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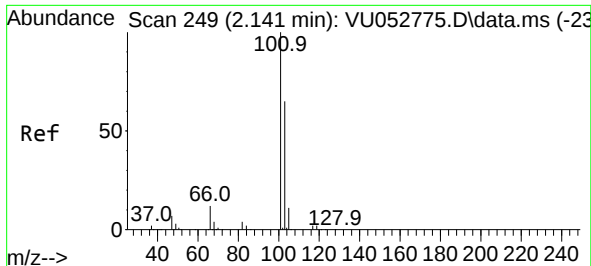
Tgt Ion: 64 Resp: 11551

Ion Ratio Lower Upper

64 100

66 32.2 26.6 40.0





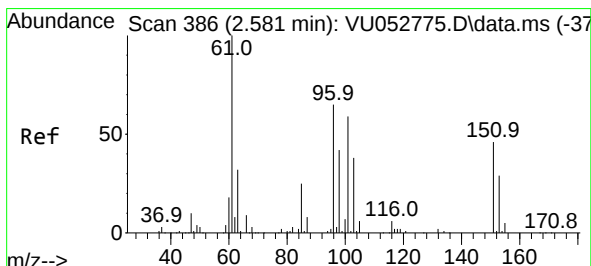
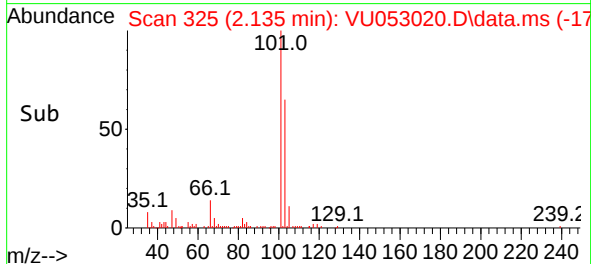
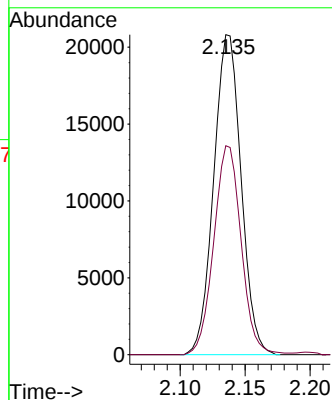
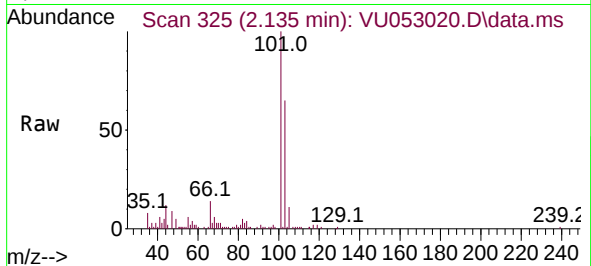
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Trichlorofluoromethane
Concen: 1.995 ug/l
RT: 2.135 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02

Tgt Ion:101 Resp: 3050
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4

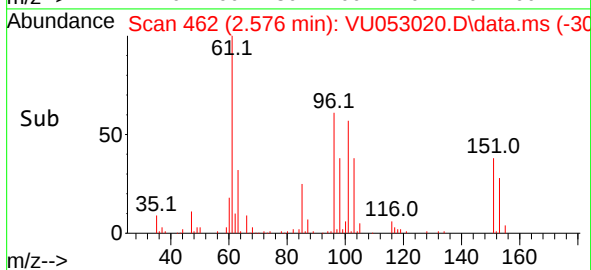
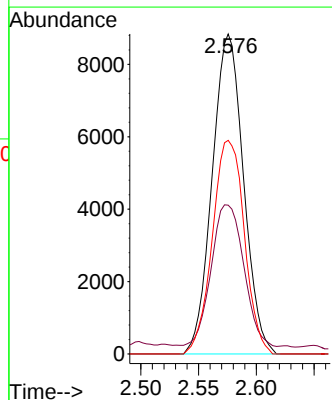
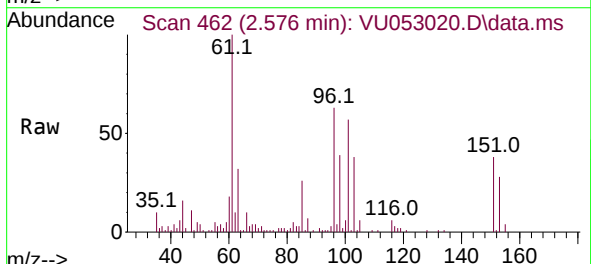
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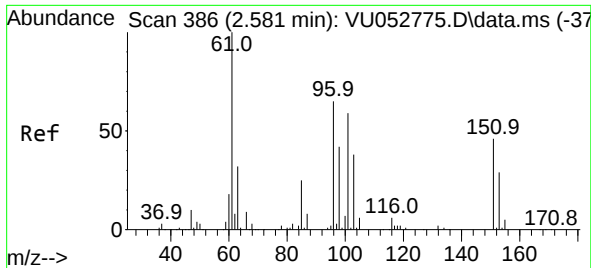
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.992 ug/l
RT: 2.576 min Scan# 462
Delta R.T. -0.006 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion:101 Resp: 16655
Ion Ratio Lower Upper
101 100
85 45.5 34.1 51.1
151 68.1 63.0 94.4





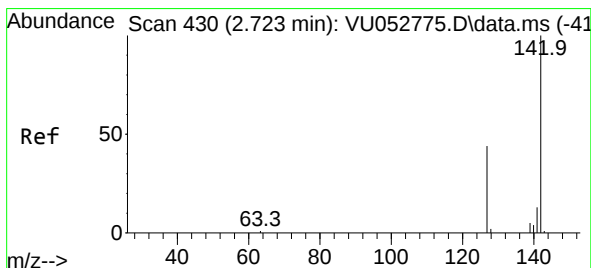
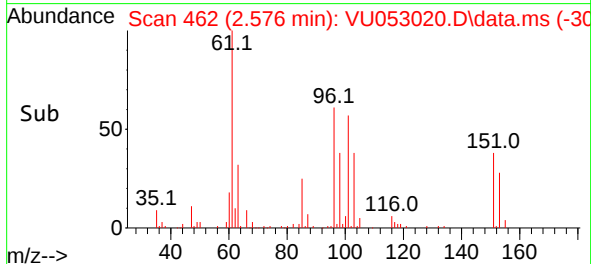
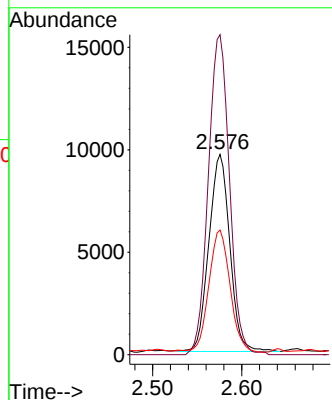
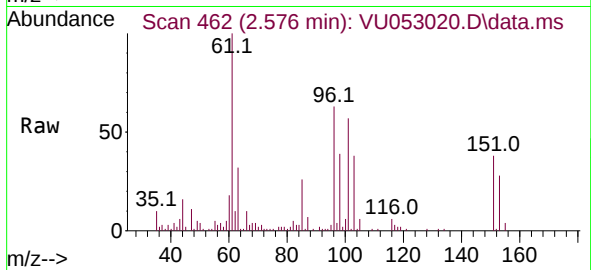
#9
1,1-Dichloroethene
Concen: 1.982 ug/l
RT: 2.576 min Scan# 41
Delta R.T. -0.006 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02

Tgt Ion: 96 Resp: 15658
Ion Ratio Lower Upper
96 100
61 162.4 0.0 460.5
98 61.0 0.0 128.0

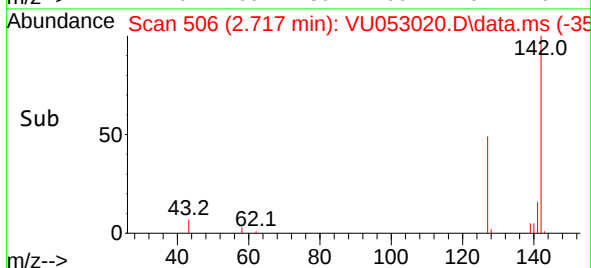
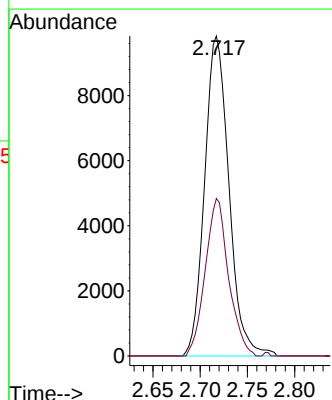
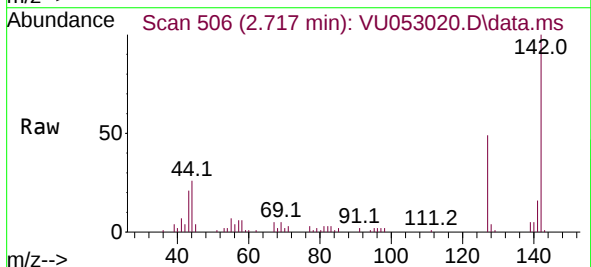
Manual Integrations
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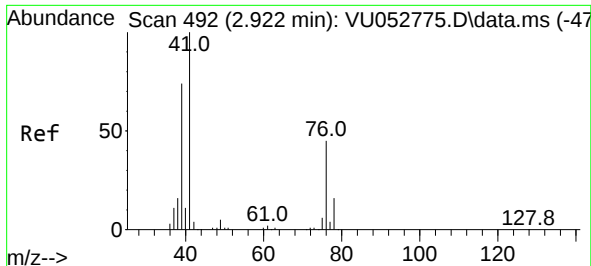
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#10
Iodomethane
Concen: 2.010 ug/l
RT: 2.717 min Scan# 506
Delta R.T. -0.006 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

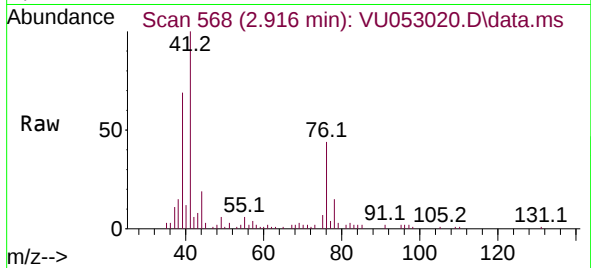
Tgt Ion:142 Resp: 17578
Ion Ratio Lower Upper
142 100
127 47.3 35.4 53.0





#11
 Allyl Chloride
 Concen: 2.167 ug/l
 RT: 2.916 min Scan# 509
 Delta R.T. -0.006 min
 Lab File: VU053020.D
 Acq: 09 Feb 2023 15:55

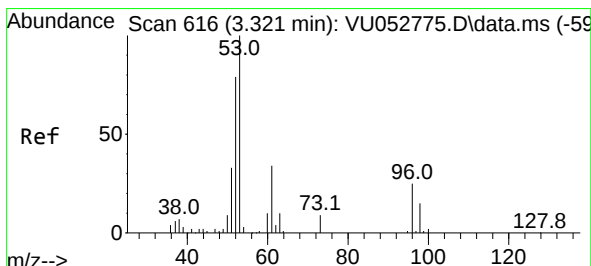
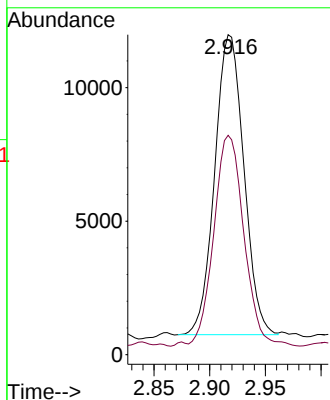
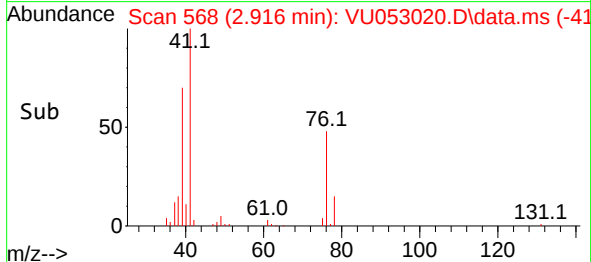
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0209WBS02



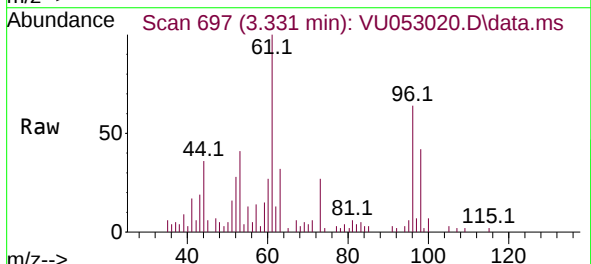
Tgt Ion: 41 Resp: 2045
 Ion Ratio Lower Upper
 41 100
 39 72.4 59.3 88.9

Manual Integrations
 APPROVED

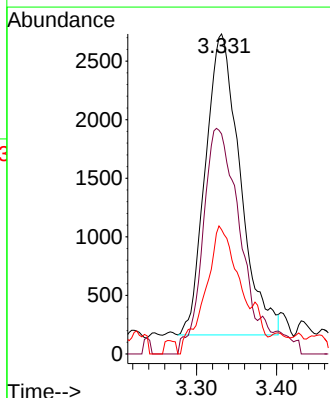
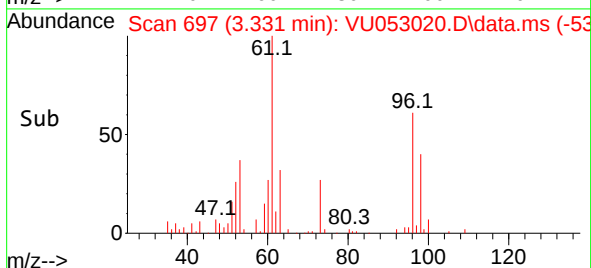
Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023

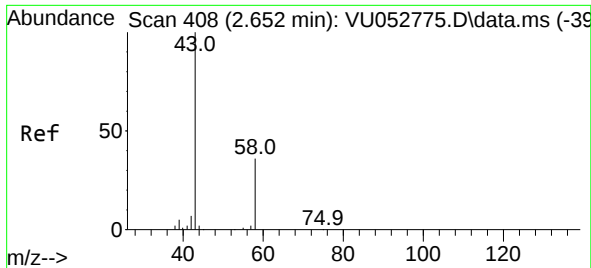


#12
 Acrylonitrile
 Concen: 4.620 ug/l
 RT: 3.331 min Scan# 697
 Delta R.T. 0.010 min
 Lab File: VU053020.D
 Acq: 09 Feb 2023 15:55



Tgt Ion: 53 Resp: 7737
 Ion Ratio Lower Upper
 53 100
 52 76.9 63.0 94.4
 51 39.9 31.3 46.9





#13

Acetone

Concen: 6.550 ug/l

RT: 2.662 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

Tgt Ion: 43 Resp: 1555

Ion Ratio Lower Upper

43 100

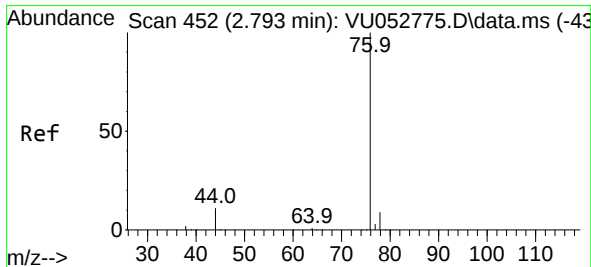
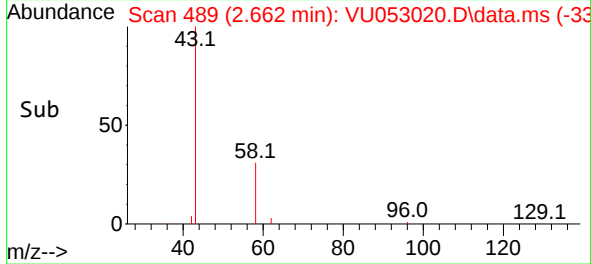
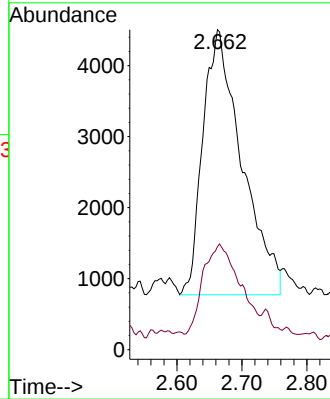
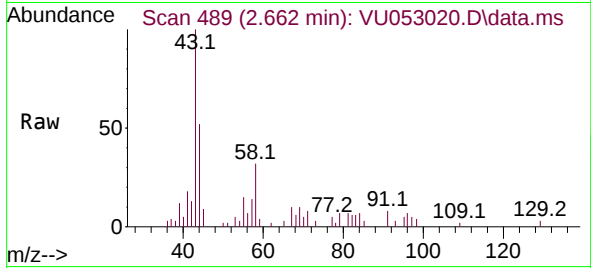
58 32.2 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#14

Carbon Disulfide

Concen: 1.723 ug/l

RT: 2.788 min Scan# 528

Delta R.T. -0.006 min

Lab File: VU053020.D

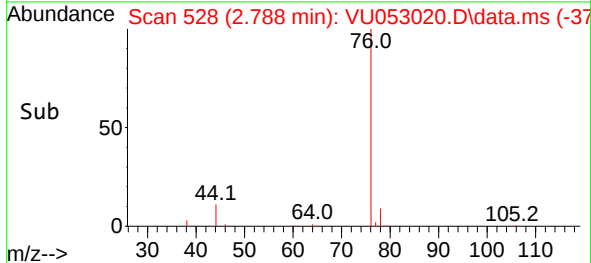
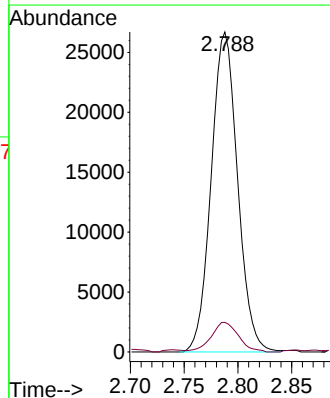
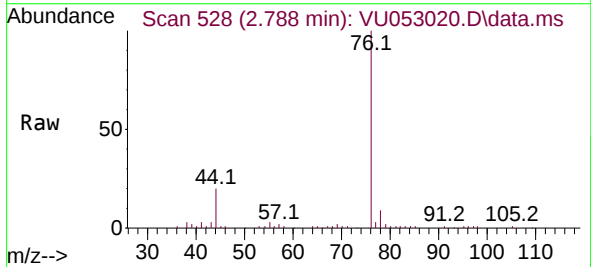
Acq: 09 Feb 2023 15:55

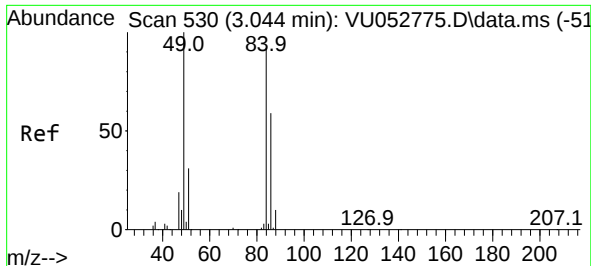
Tgt Ion: 76 Resp: 45586

Ion Ratio Lower Upper

76 100

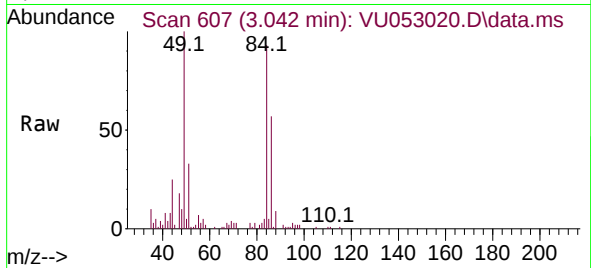
78 9.3 7.1 10.7





#15
Methylene Chloride
Concen: 1.946 ug/l
RT: 3.042 min Scan# 607
Delta R.T. -0.002 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

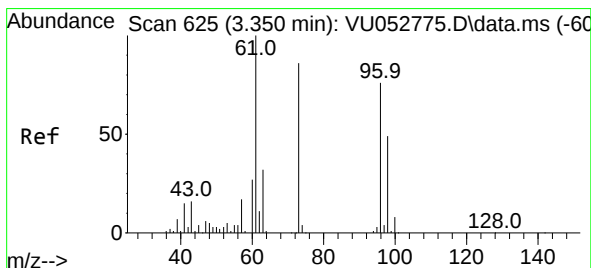
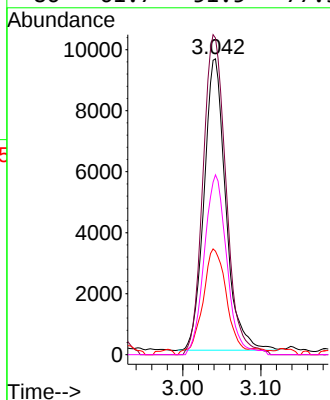
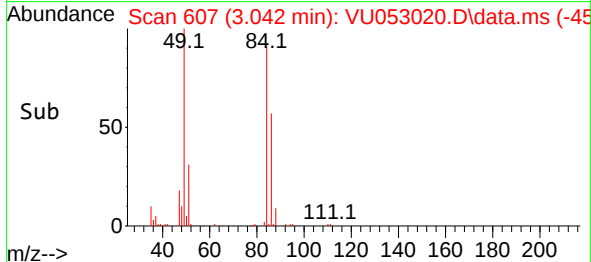
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02



Tgt Ion: 84 Resp: 1856
Ion Ratio Lower Upper
84 100
49 108.7 86.7 130.1
51 35.5 0.0 66.8
86 61.7 51.5 77.3

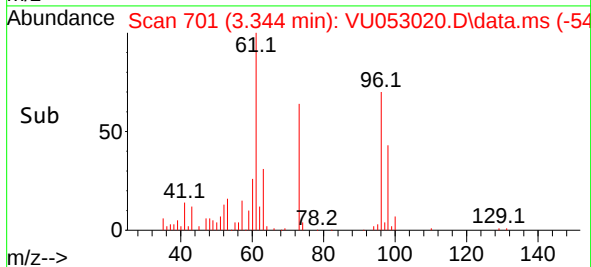
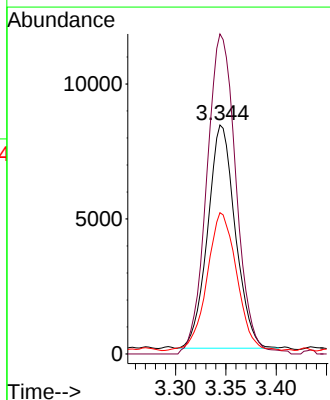
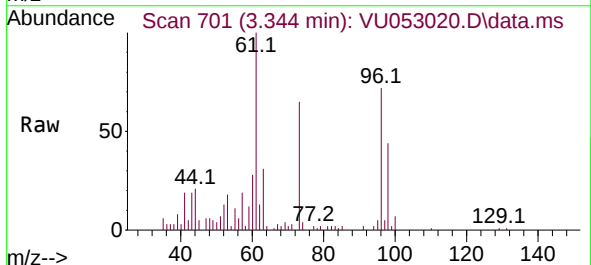
Manual Integrations
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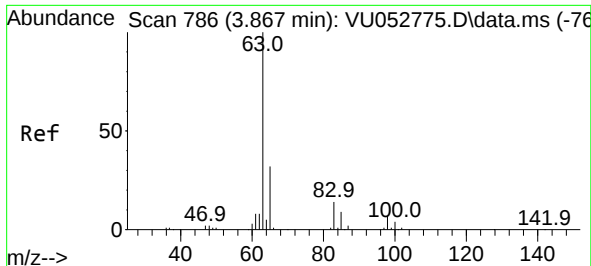
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#16
trans-1,2-Dichloroethene
Concen: 1.795 ug/l
RT: 3.344 min Scan# 701
Delta R.T. -0.006 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion: 96 Resp: 15774
Ion Ratio Lower Upper
96 100
61 143.4 105.7 158.5
98 61.4 51.4 77.2





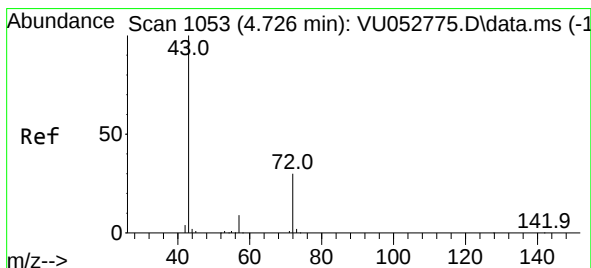
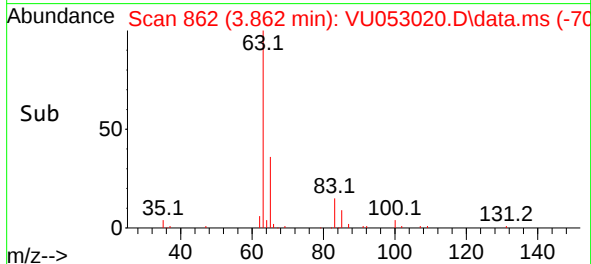
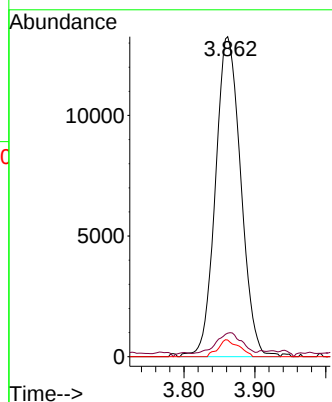
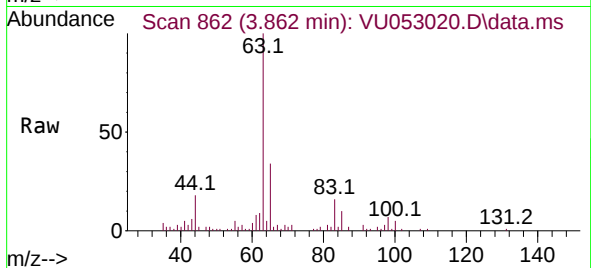
#17
1,1-Dichloroethane
Concen: 2.219 ug/l
RT: 3.862 min Scan# 80
Delta R.T. -0.006 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02

Tgt Ion: 63 Resp: 32934
Ion Ratio Lower Upper
63 100
98 6.2 3.8 11.2
100 5.2 2.2 6.6

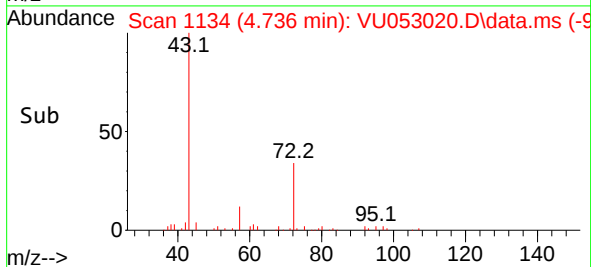
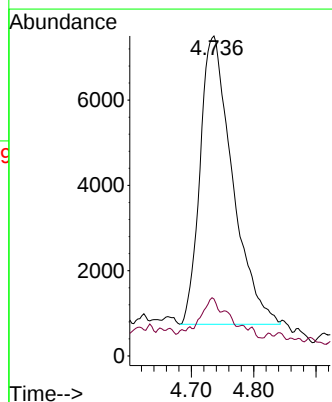
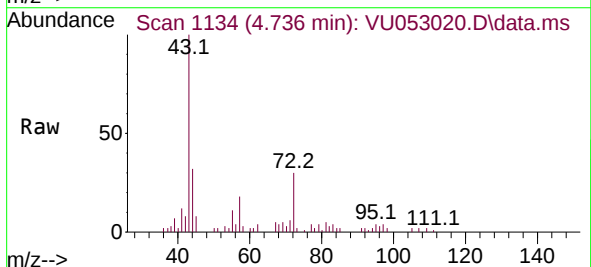
Manual Integrations
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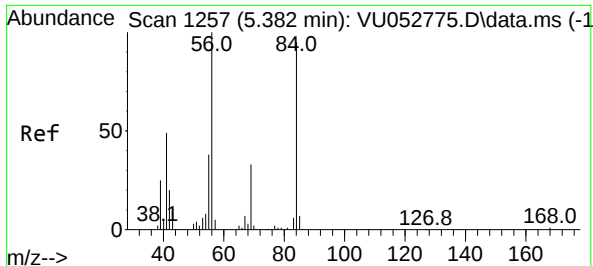
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#18
2-Butanone
Concen: 8.817 ug/l
RT: 4.736 min Scan# 1134
Delta R.T. 0.010 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion: 43 Resp: 24330
Ion Ratio Lower Upper
43 100
57 11.7 0.0 17.4





#19

Cyclohexane

Concen: 1.655 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.002 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

Tgt Ion: 56 Resp: 2160

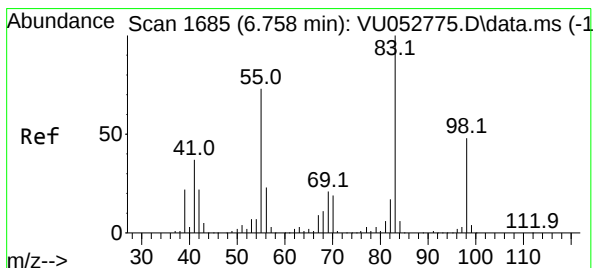
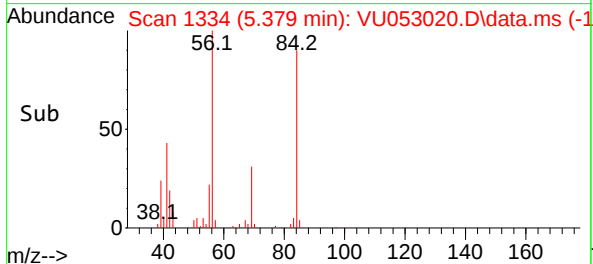
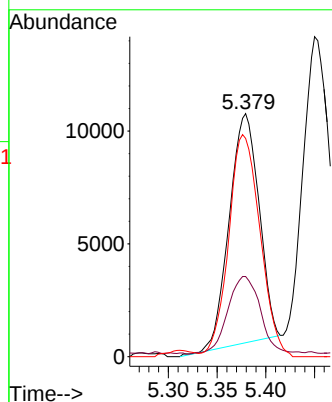
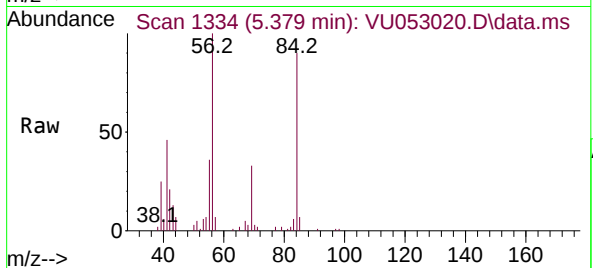
Ion	Ratio	Lower	Upper
56	100		
69	36.4	26.8	40.2
84	100.6	77.0	115.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#20

Methylcyclohexane

Concen: 1.913 ug/l

RT: 6.756 min Scan# 1762

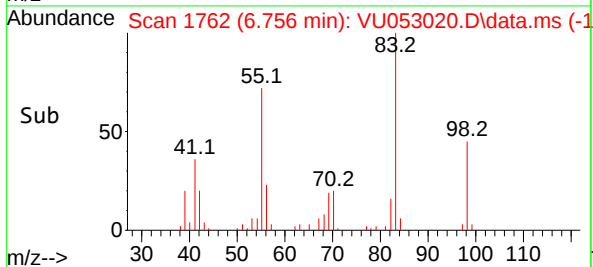
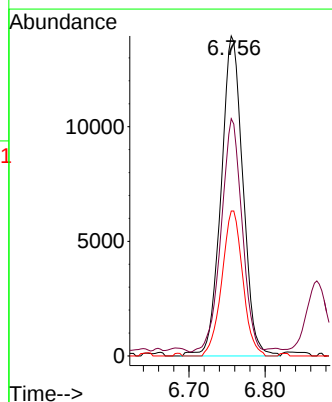
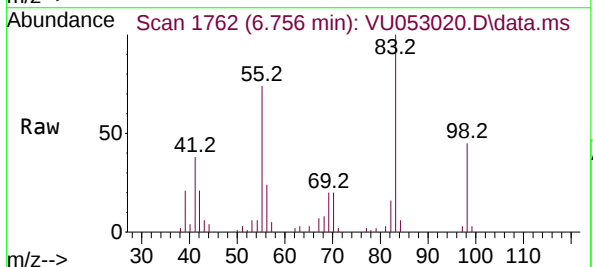
Delta R.T. -0.002 min

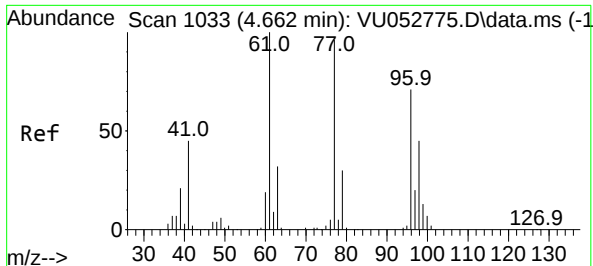
Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Tgt Ion: 83 Resp: 27850

Ion	Ratio	Lower	Upper
83	100		
55	68.8	58.7	88.1
98	43.3	39.4	59.2





#21

2,2-Dichloropropane

Concen: 2.122 ug/l

RT: 4.659 min Scan# 1110

Delta R.T. -0.002 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

Tgt Ion: 77 Resp: 2925

Ion Ratio Lower Upper

77 100

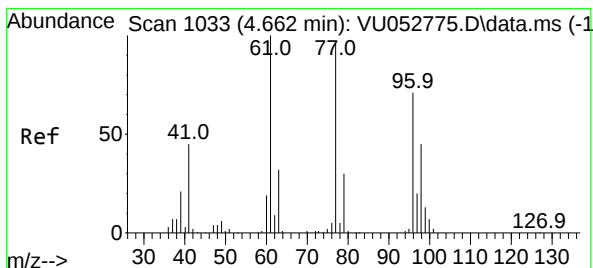
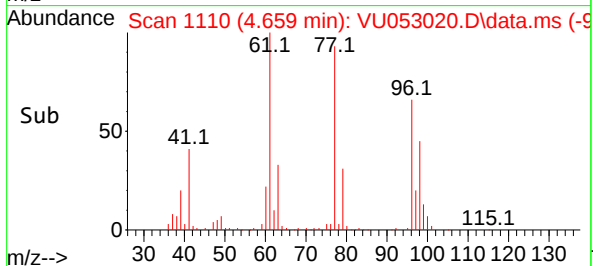
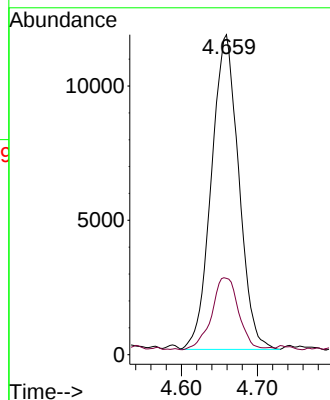
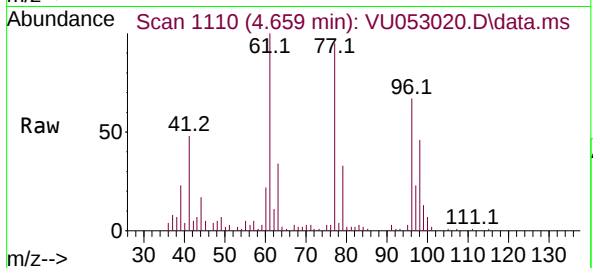
97 22.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#22

cis-1,2-Dichloroethene

Concen: 2.047 ug/l

RT: 4.659 min Scan# 1110

Delta R.T. -0.002 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

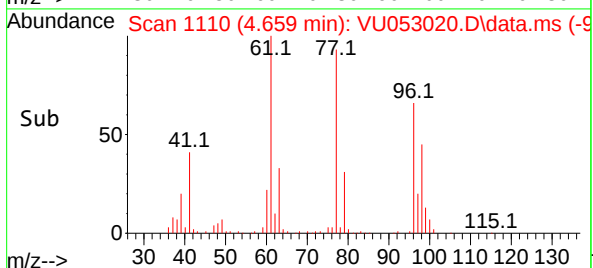
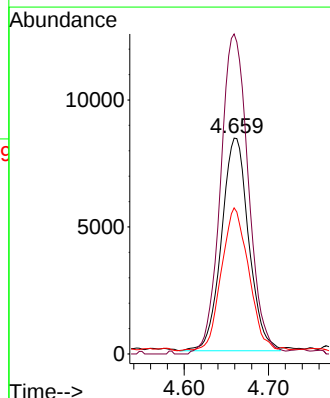
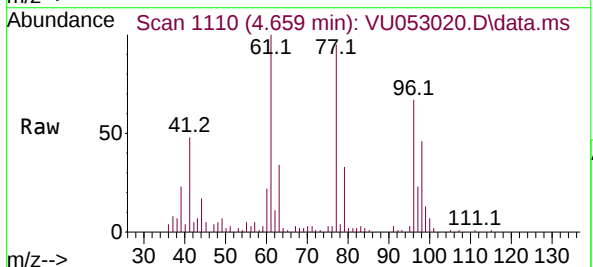
Tgt Ion: 96 Resp: 18798

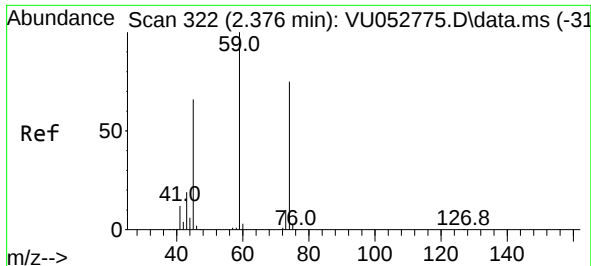
Ion Ratio Lower Upper

96 100

61 154.2 0.0 353.3

98 65.8 32.6 97.7





#23

Diethyl Ether

Concen: 2.379 ug/l

RT: 2.373 min Scan# 399

Delta R.T. -0.002 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

Tgt Ion: 59 Resp: 1328

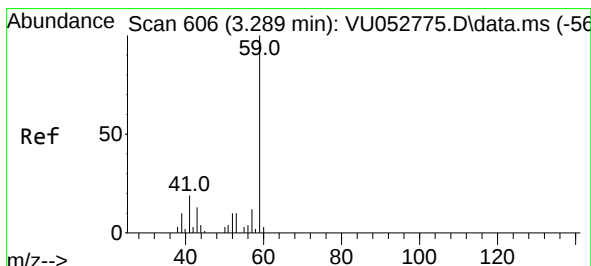
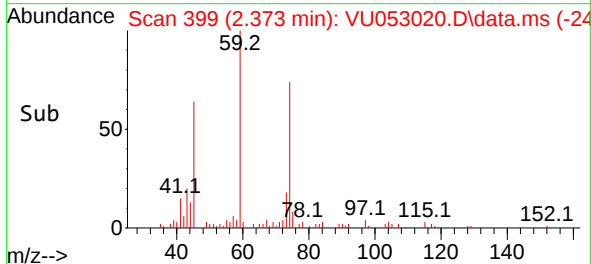
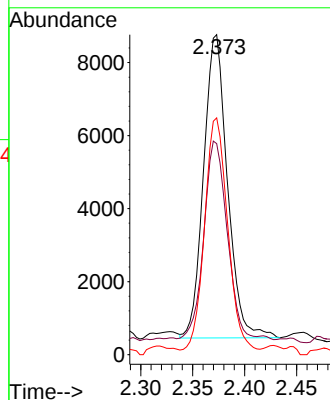
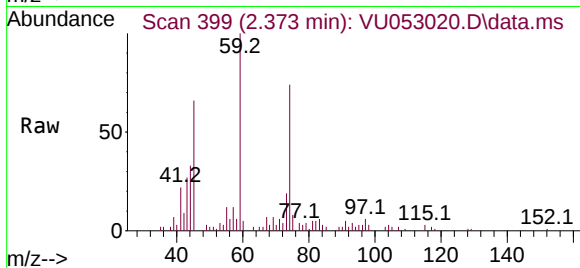
Ion	Ratio	Lower	Upper
59	100		
45	62.9	52.1	78.1
74	74.7	61.6	92.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#24

tert-Butyl Alcohol

Concen: 4.449 ug/l m

RT: 3.344 min Scan# 701

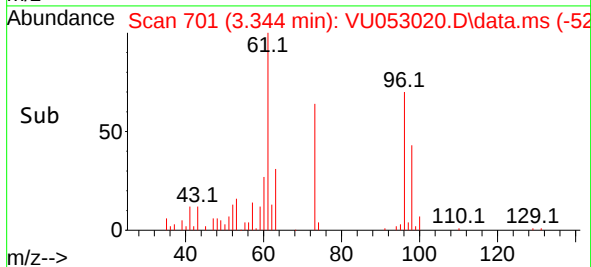
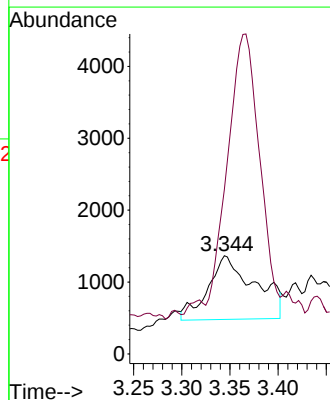
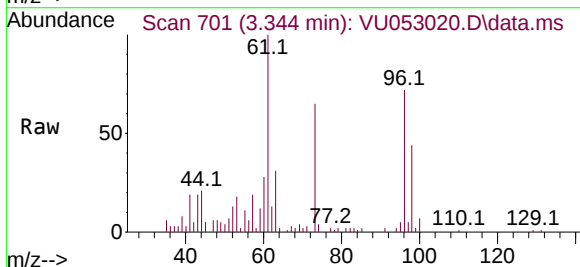
Delta R.T. 0.055 min

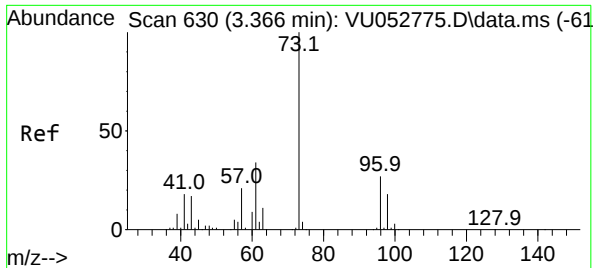
Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Tgt Ion: 59 Resp: 2991

Ion	Ratio	Lower	Upper
59	100		
57	0.0	45.8	68.8#





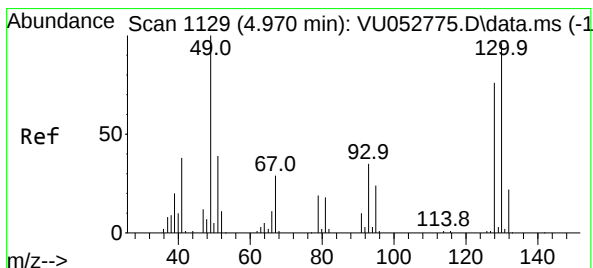
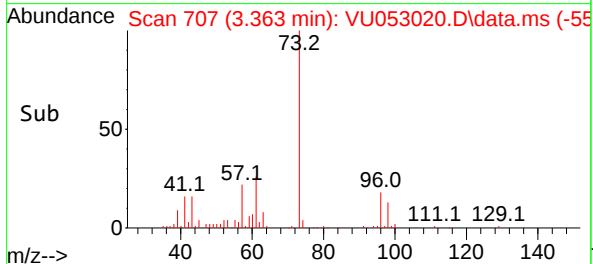
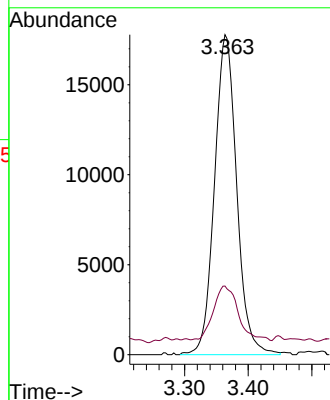
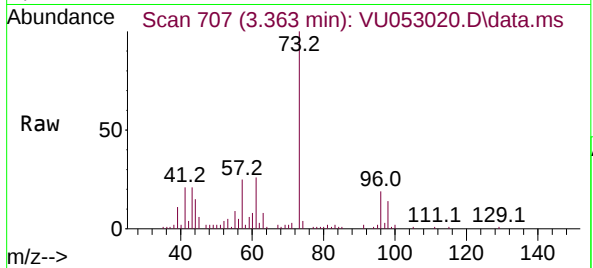
#25
Methyl tert-Butyl Ether
Concen: 2.374 ug/l
RT: 3.363 min Scan# 70
Delta R.T. -0.002 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02

Tgt Ion: 73 Resp: 4302
Ion Ratio Lower Upper
73 100
43 19.1 15.3 22.9

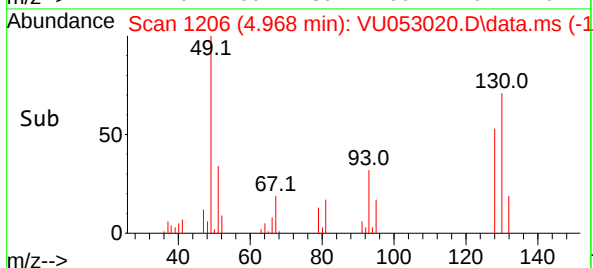
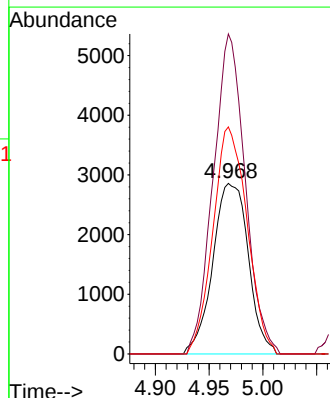
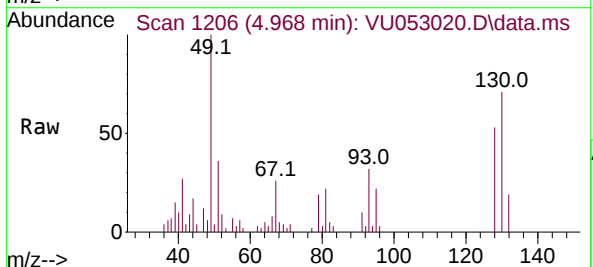
Manual Integrations
APPROVED

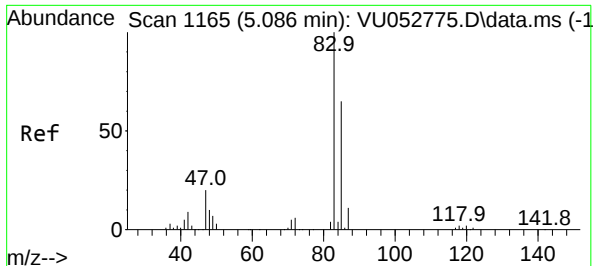
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#26
Bromochloromethane
Concen: 1.530 ug/l
RT: 4.968 min Scan# 1206
Delta R.T. -0.002 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion:128 Resp: 6562
Ion Ratio Lower Upper
128 100
49 168.7 0.0 265.0
130 128.0 100.7 151.1





#27

Chloroform

Concen: 1.850 ug/l

RT: 5.084 min Scan# 1165

Delta R.T. -0.002 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

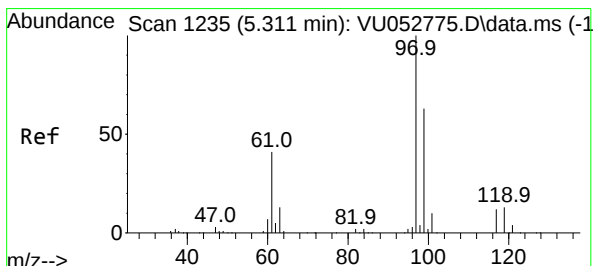
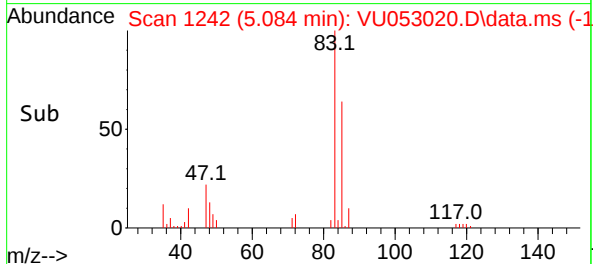
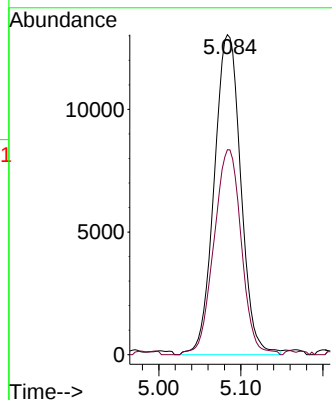
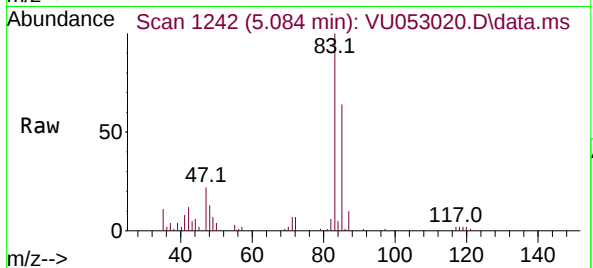
Tgt Ion: 83 Resp: 29420
 Ion Ratio Lower Upper
 83 100
 85 64.0 0.0 130.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#28

1,1,1-Trichloroethane

Concen: 1.669 ug/l

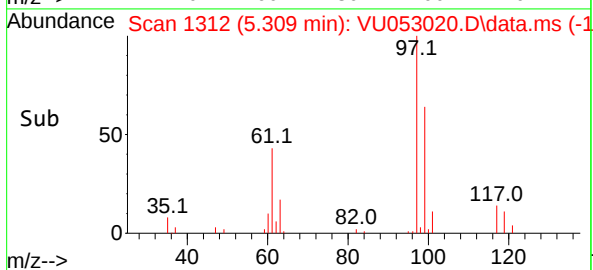
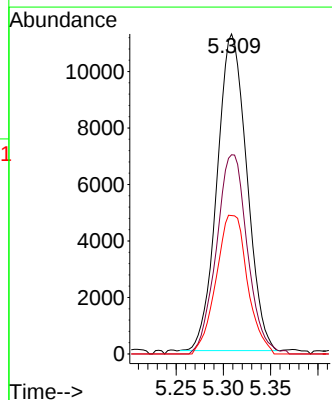
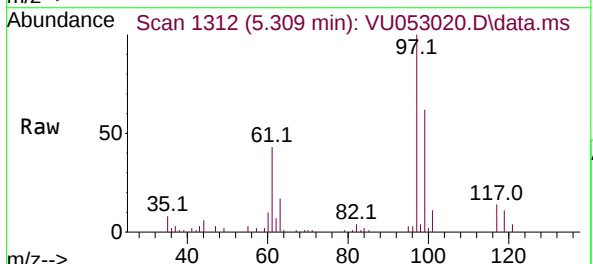
RT: 5.309 min Scan# 1312

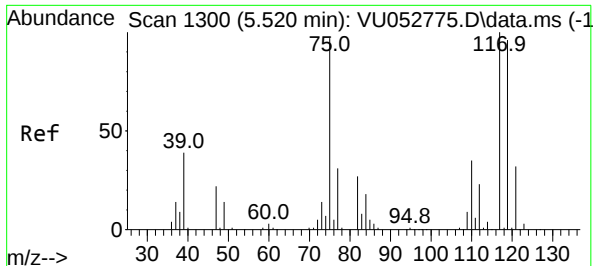
Delta R.T. -0.002 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Tgt Ion: 97 Resp: 24513
 Ion Ratio Lower Upper
 97 100
 99 65.7 31.9 95.5
 61 46.0 20.8 62.2





#29

1,1-Dichloropropene

Concen: 1.710 ug/l

RT: 5.518 min Scan# 1377

Delta R.T. -0.002 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

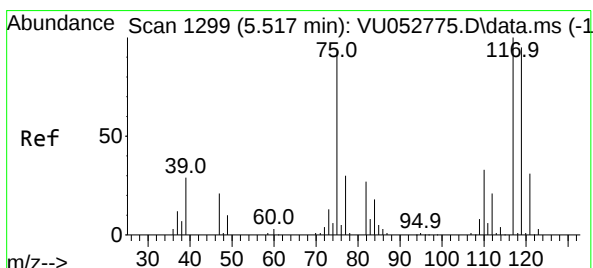
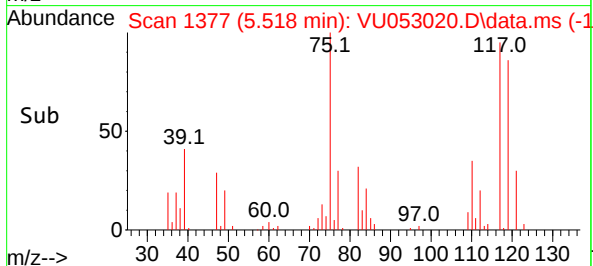
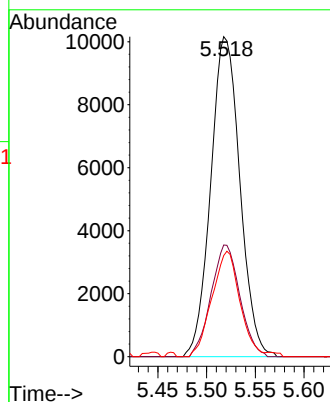
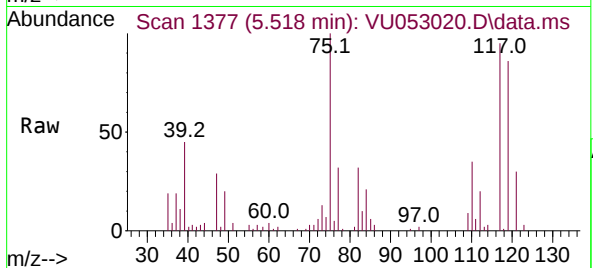
Tgt Ion: 75	Resp: 21180
Ion Ratio	Lower Upper
75	100
110	34.3 17.4 52.2
77	32.1 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#30

Carbon Tetrachloride

Concen: 1.563 ug/l

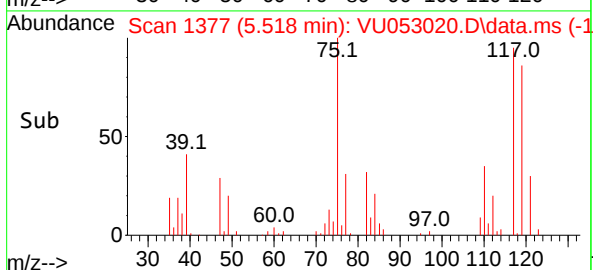
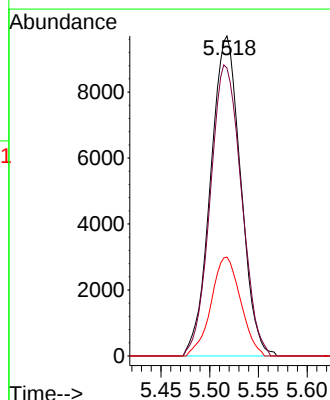
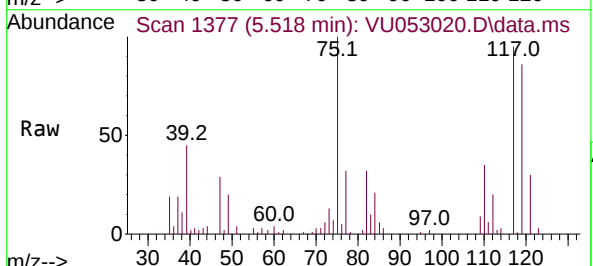
RT: 5.518 min Scan# 1377

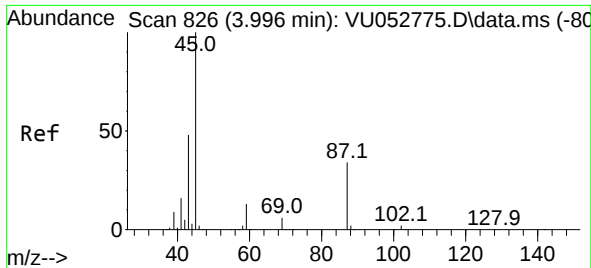
Delta R.T. 0.001 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Tgt Ion:117	Resp: 20831
Ion Ratio	Lower Upper
117	100
119	90.0 76.4 114.6
121	30.9 25.0 37.6





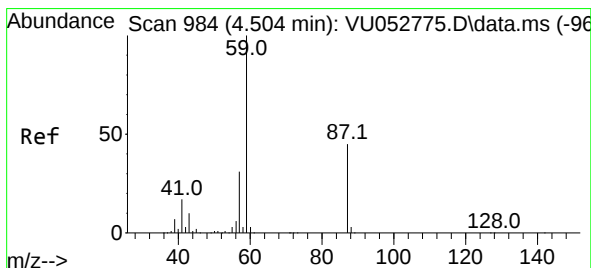
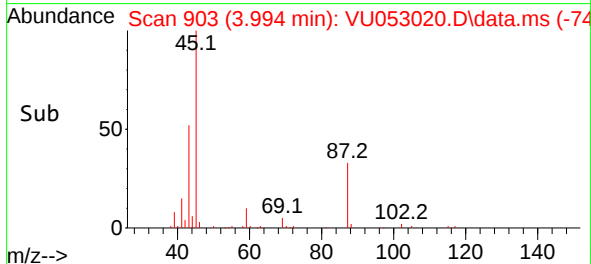
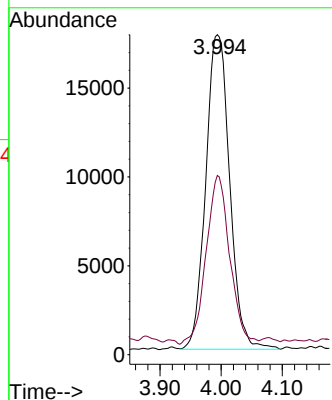
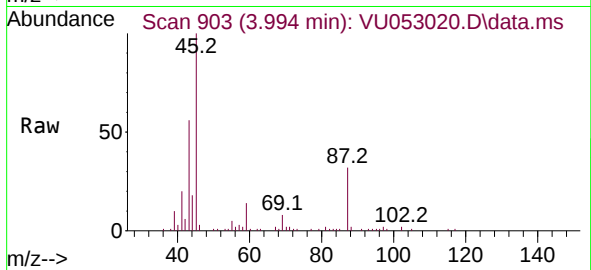
#31
Isopropyl Ether
Concen: 2.258 ug/l
RT: 3.994 min Scan# 903
Delta R.T. -0.002 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02

Tgt Ion: 45 Resp: 48168
Ion Ratio Lower Upper
45 100
43 52.9 24.5 73.5

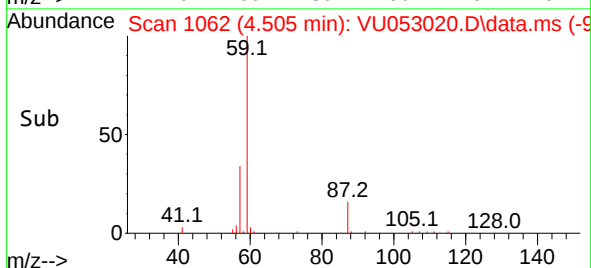
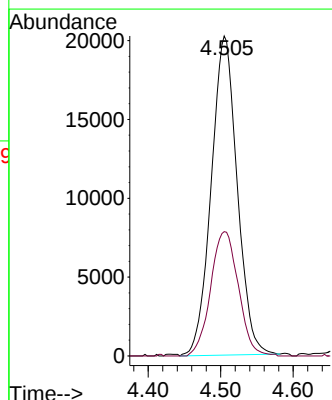
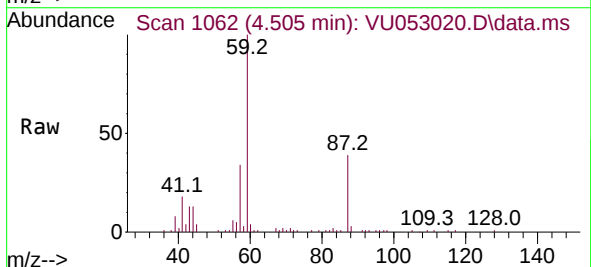
Manual Integrations
APPROVED

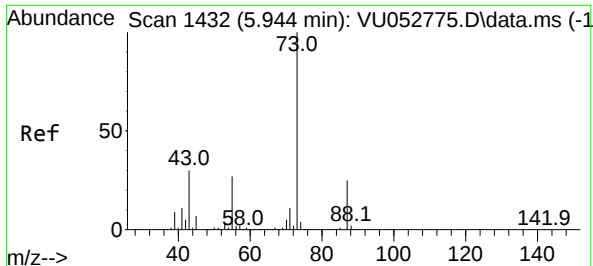
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#32
Ethyl-t-butyl ether
Concen: 2.528 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion: 59 Resp: 50350
Ion Ratio Lower Upper
59 100
87 41.7 36.2 54.2





#33

Tert-Amyl methyl ether

Concen: 2.222 ug/l

RT: 5.945 min Scan# 1156

Delta R.T. 0.001 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

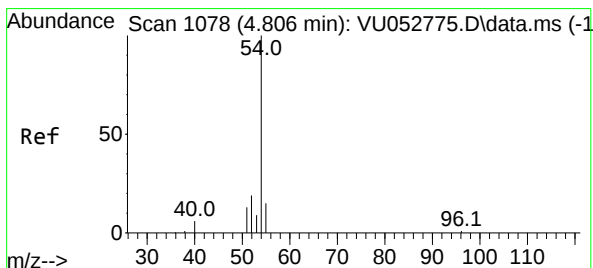
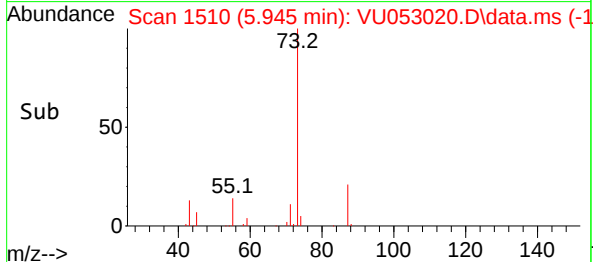
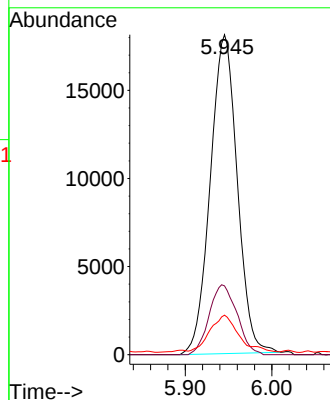
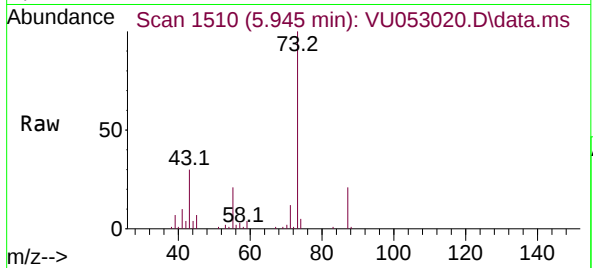
Tgt Ion: 73	Resp: 3913
Ion Ratio	Lower Upper
73	100
87	22.6 20.1 30.1
71	11.7 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#34

Propionitrile

Concen: 12.516 ug/l m

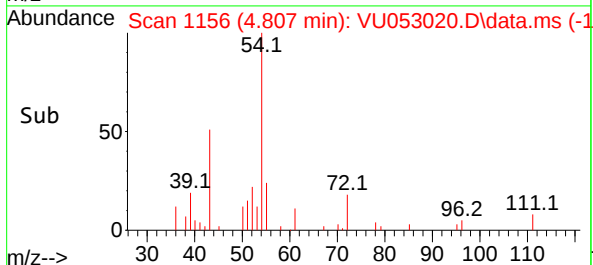
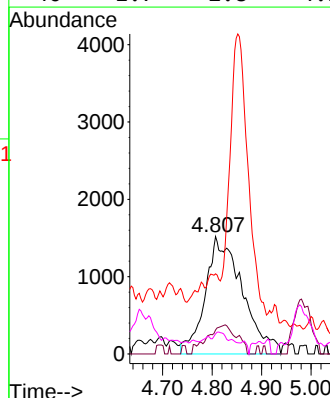
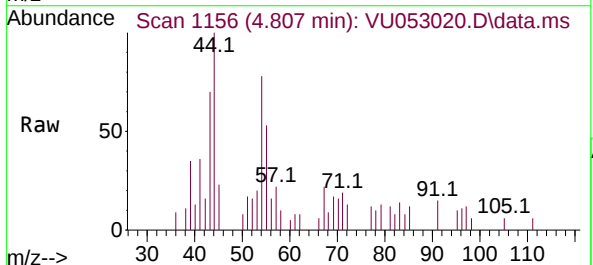
RT: 4.807 min Scan# 1156

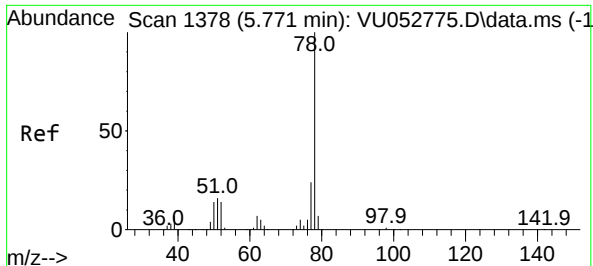
Delta R.T. 0.001 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Tgt Ion: 54	Resp: 7908
Ion Ratio	Lower Upper
54	100
52	10.9 16.9 25.3#
55	4.0 118.6 178.0#
40	1.7 2.8 4.2#





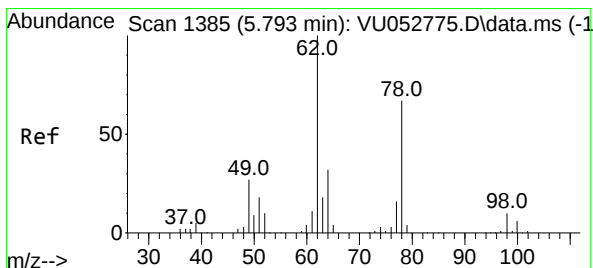
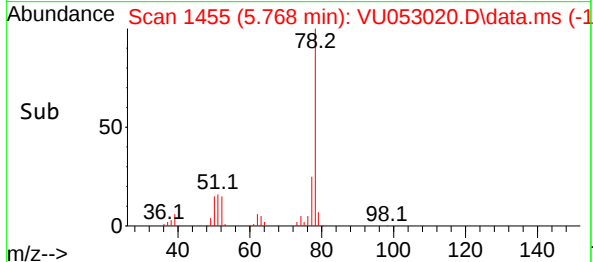
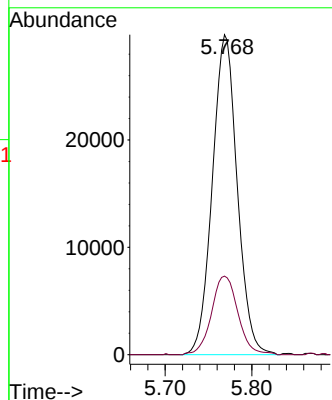
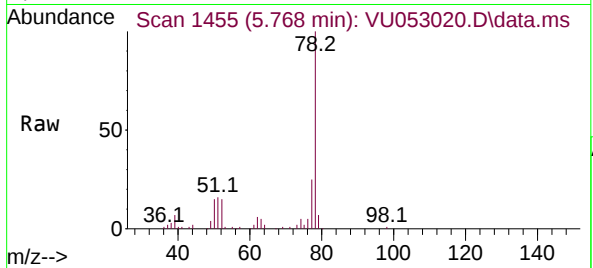
#35
Benzene
Concen: 1.654 ug/l
RT: 5.768 min Scan# 1455
Delta R.T. -0.002 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02

Tgt Ion: 78 Resp: 59424
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4

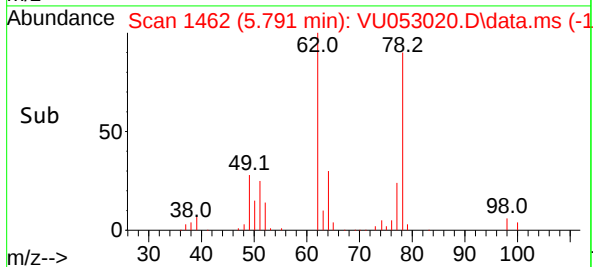
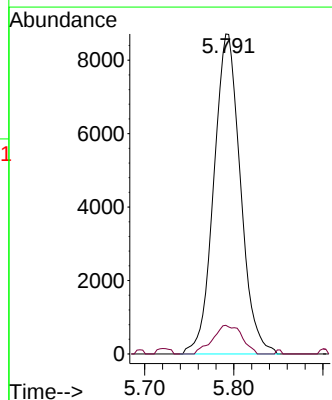
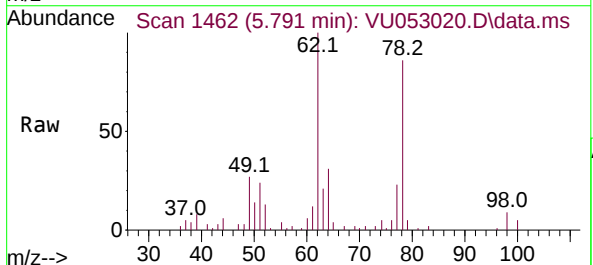
Manual Integrations
APPROVED

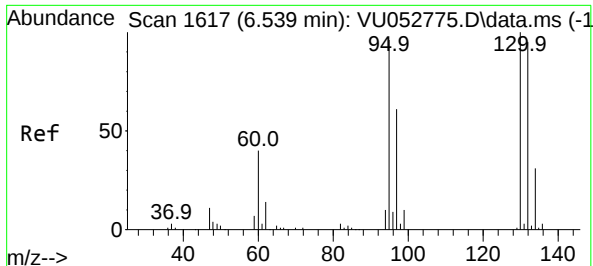
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#36
1,2-Dichloroethane
Concen: 1.675 ug/l
RT: 5.791 min Scan# 1462
Delta R.T. -0.002 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion: 62 Resp: 18074
Ion Ratio Lower Upper
62 100
98 9.8 7.5 11.3





#37

Trichloroethene

Concen: 1.526 ug/l

RT: 6.540 min Scan# 1772

Delta R.T. 0.001 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

Tgt Ion:130 Resp: 1494

Ion Ratio Lower Upper

130 100

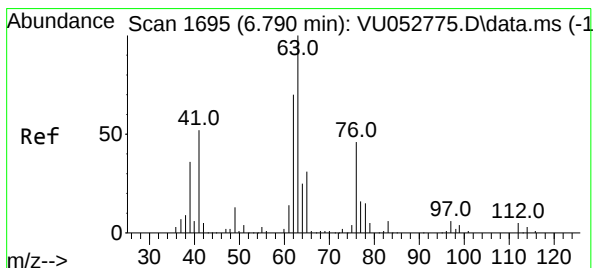
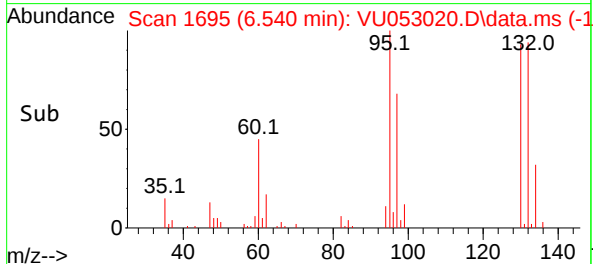
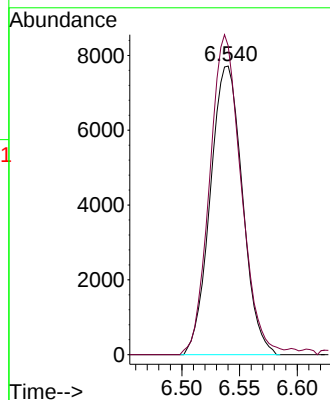
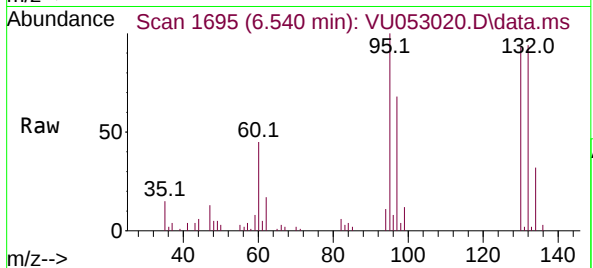
95 107.0 76.6 114.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#38

1,2-Dichloropropane

Concen: 1.792 ug/l

RT: 6.788 min Scan# 1772

Delta R.T. -0.002 min

Lab File: VU053020.D

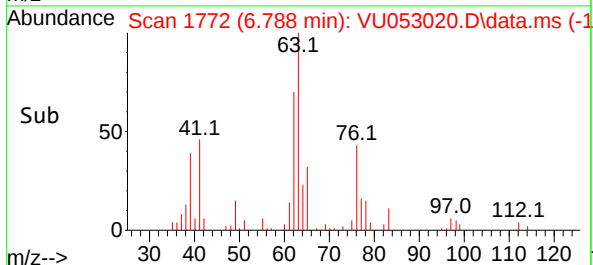
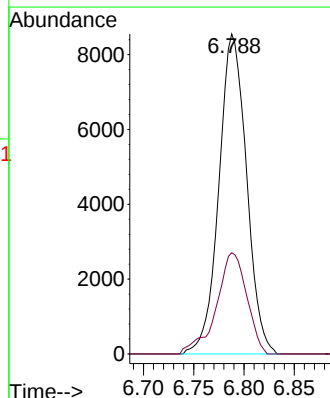
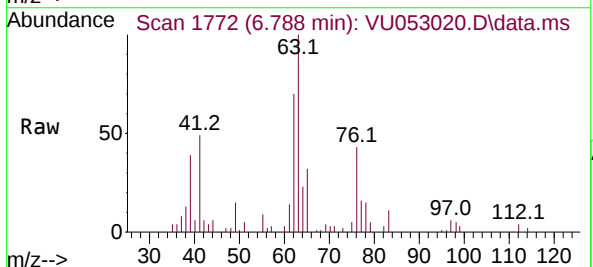
Acq: 09 Feb 2023 15:55

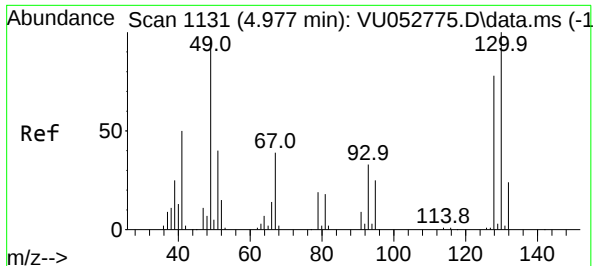
Tgt Ion: 63 Resp: 16339

Ion Ratio Lower Upper

63 100

65 31.6 24.6 36.8





#39

Methacrylonitrile

Concen: 1.775 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.001 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

Tgt Ion: 41 Resp: 4479

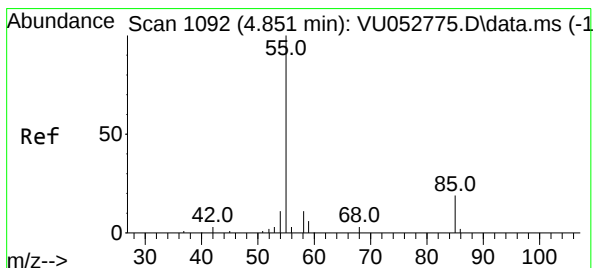
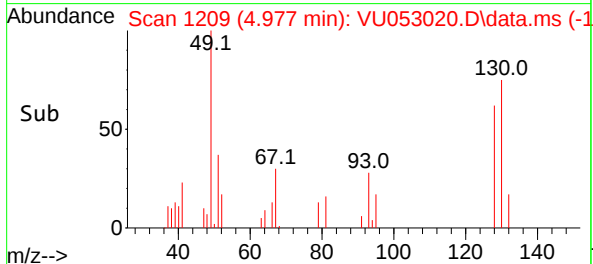
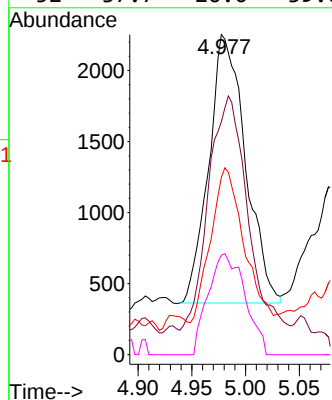
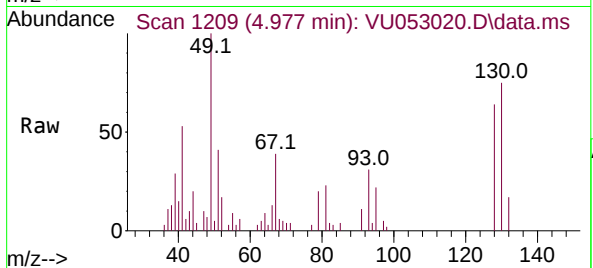
Ion	Ratio	Lower	Upper
41	100		
67	94.2	64.9	97.3
39	53.5	41.7	62.5
52	37.7	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#40

Methyl acrylate

Concen: 2.055 ug/l

RT: 4.852 min Scan# 1170

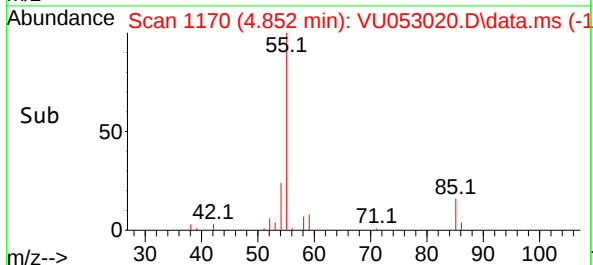
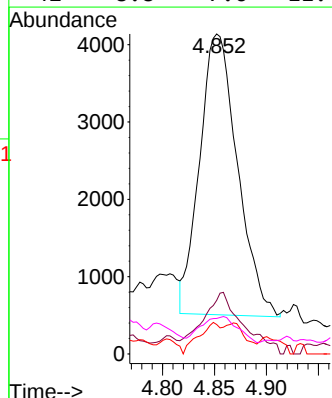
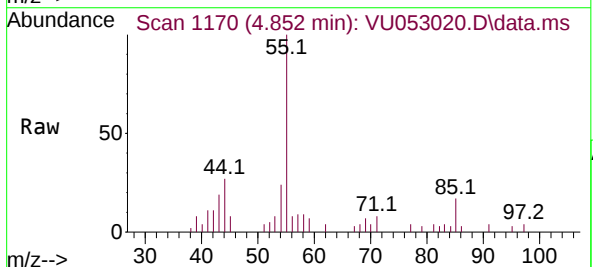
Delta R.T. 0.001 min

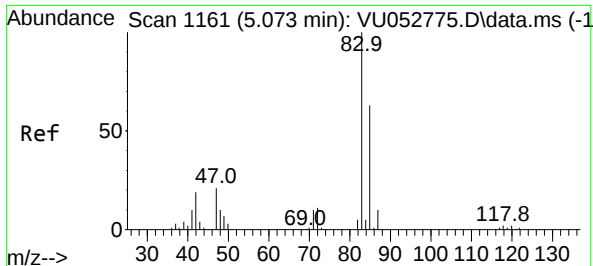
Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Tgt Ion: 55 Resp: 9192

Ion	Ratio	Lower	Upper
55	100		
85	23.8	14.4	21.6#
58	6.2	7.3	10.9#
42	8.8	7.6	11.4





#41

Tetrahydrofuran

Concen: 3.798 ug/l

RT: 5.080 min Scan# 1161

Delta R.T. 0.007 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

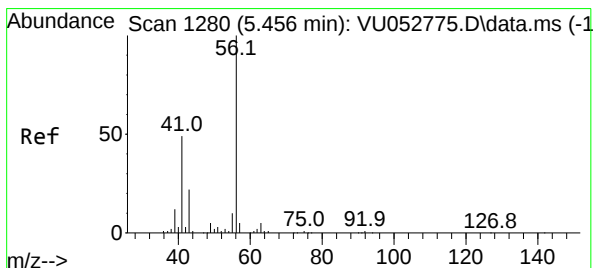
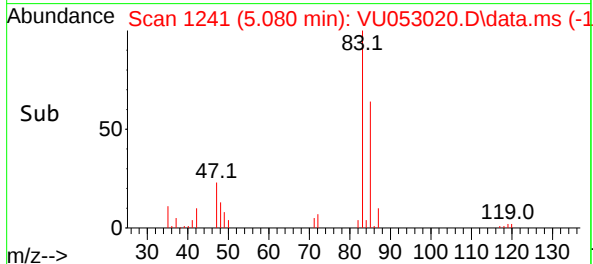
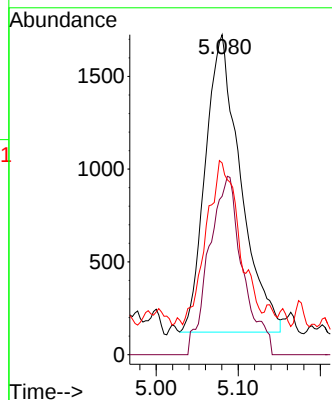
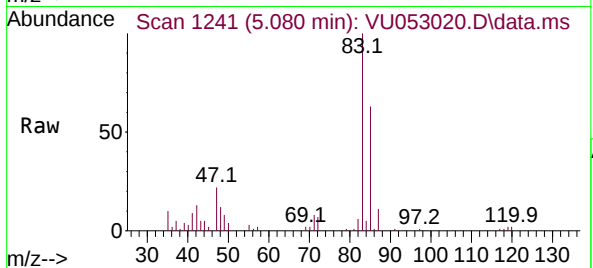
Tgt Ion:	42	Resp:	476
Ion Ratio	Lower	Upper	
42	100		
72	57.1	49.1	73.7
71	51.9	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#42

1-Chlorobutane

Concen: 1.804 ug/l

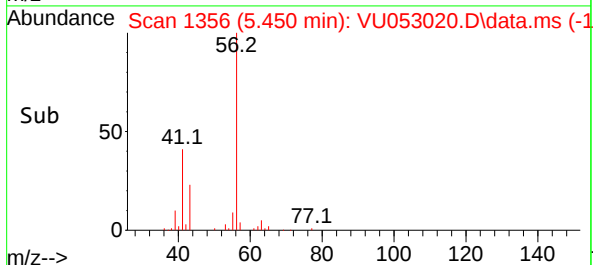
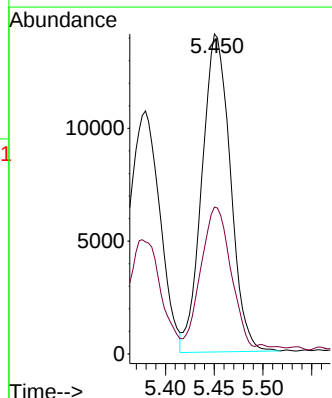
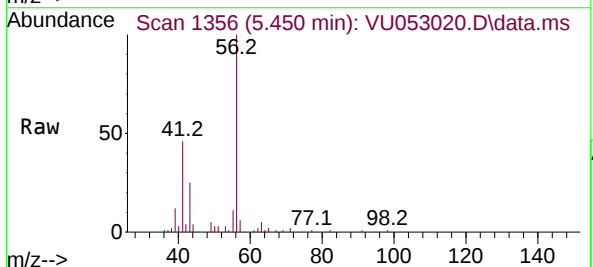
RT: 5.450 min Scan# 1356

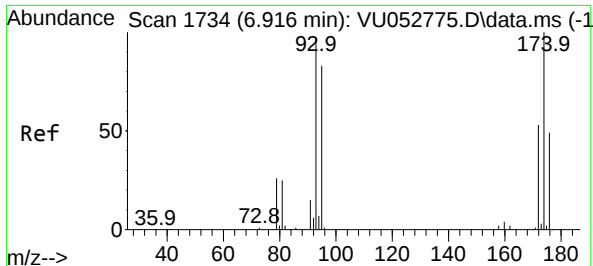
Delta R.T. -0.006 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

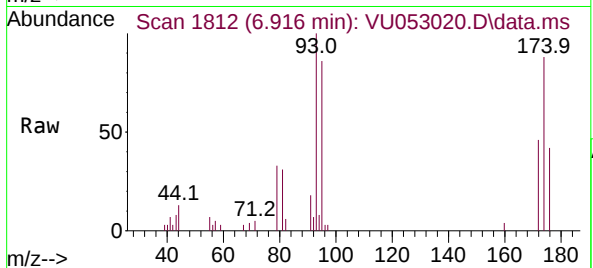
Tgt Ion:	56	Resp:	28567
Ion Ratio	Lower	Upper	
56	100		
41	45.3	24.5	73.5





#43
Dibromomethane
Concen: 1.702 ug/l
RT: 6.916 min Scan# 1734
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

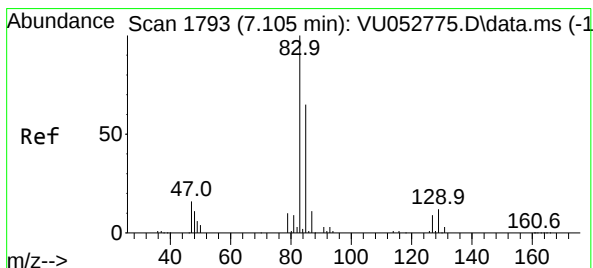
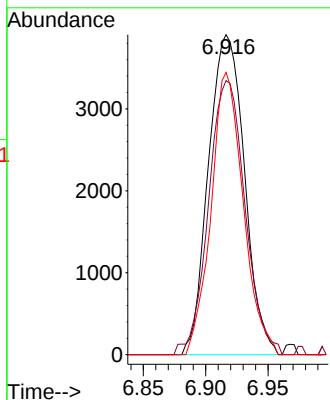
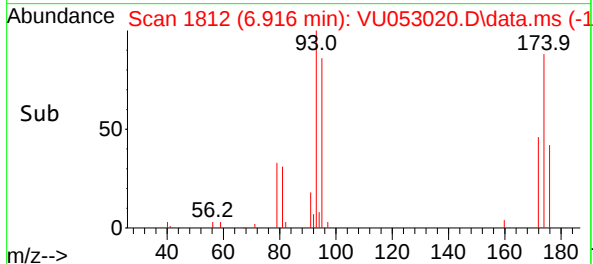
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02



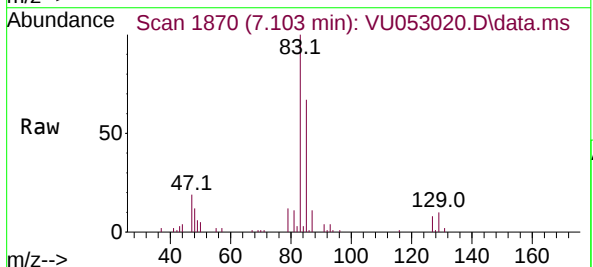
Tgt Ion: 93 Resp: 785
Ion Ratio Lower Upper
93 100
95 86.9 67.0 100.6
174 78.8 82.2 123.4

Manual Integrations
APPROVED

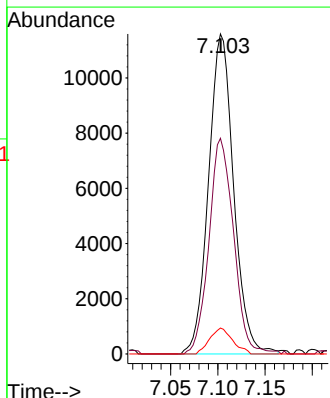
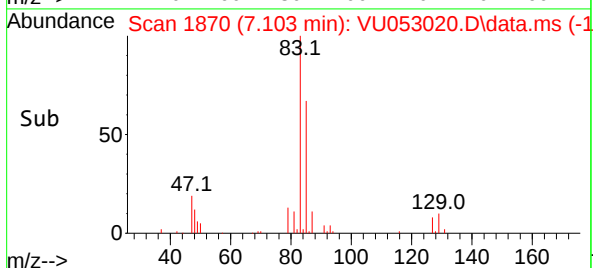
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

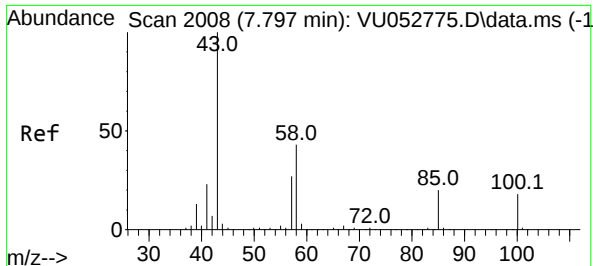


#44
Bromodichloromethane
Concen: 1.712 ug/l
RT: 7.103 min Scan# 1870
Delta R.T. -0.002 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55



Tgt Ion: 83 Resp: 21433
Ion Ratio Lower Upper
83 100
85 67.4 52.1 78.1
127 8.1 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 9.594 ug/l

RT: 7.797 min Scan# 2008

Delta R.T. 0.001 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

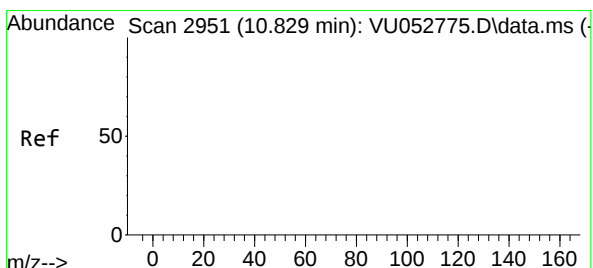
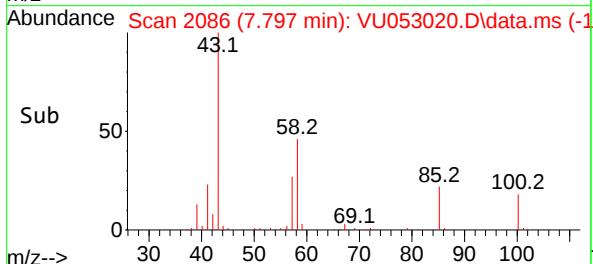
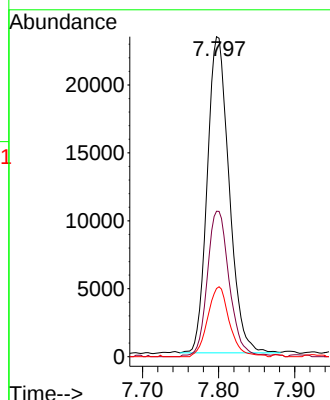
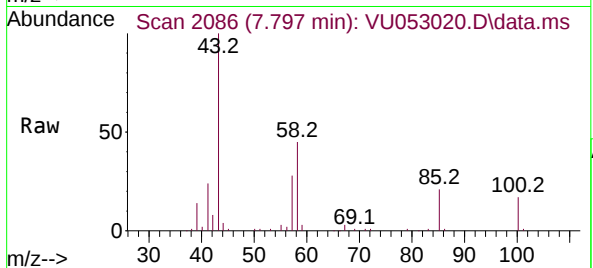
Tgt Ion:	43	Resp:	4652
Ion	Ratio	Lower	Upper
43	100		
58	46.4	21.7	65.1
85	22.0	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#46

t-1,4-Dichloro-2-butene

Concen: 4.544 ug/l m

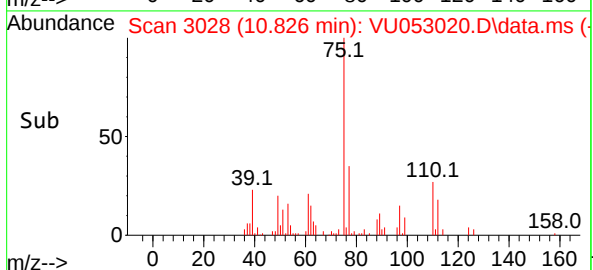
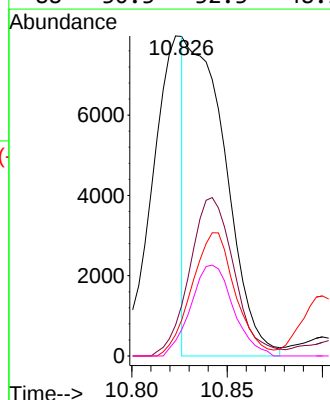
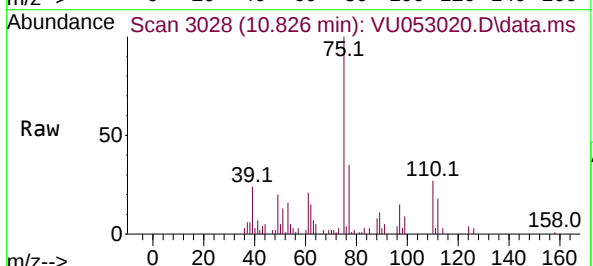
RT: 10.826 min Scan# 3028

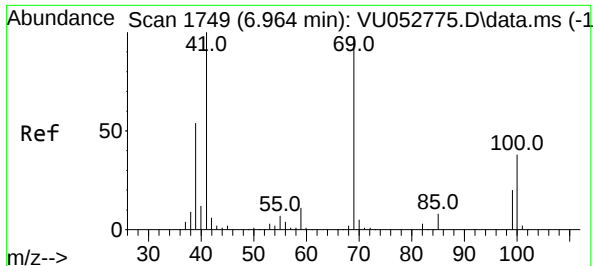
Delta R.T. -0.002 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Tgt Ion:	75	Resp:	11553
Ion	Ratio	Lower	Upper
75	100		
53	55.9	57.0	85.4#
89	42.2	41.1	61.7
88	30.3	32.3	48.5#





#47

Methyl methacrylate

Concen: 4.058 ug/l

RT: 6.968 min Scan# 11

Delta R.T. 0.004 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

Tgt Ion: 69 Resp: 1664

Ion Ratio Lower Upper

69 100

41 96.6 0.0 201.8

39 57.0 44.0 66.0

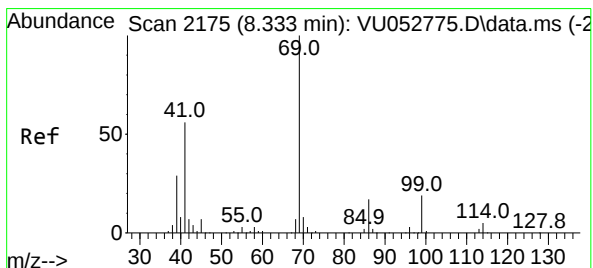
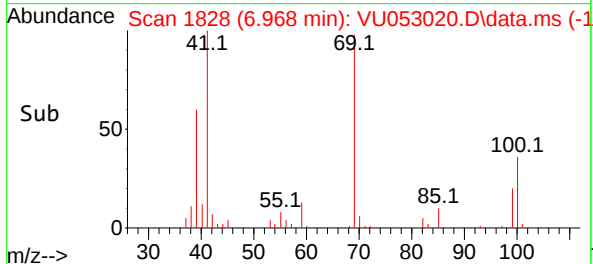
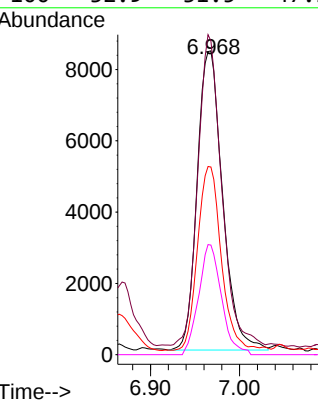
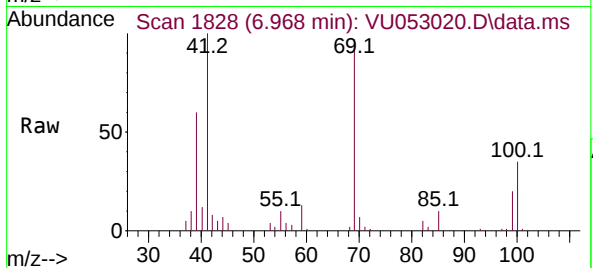
100 32.9 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#48

Ethyl methacrylate

Concen: 2.232 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.001 min

Lab File: VU053020.D

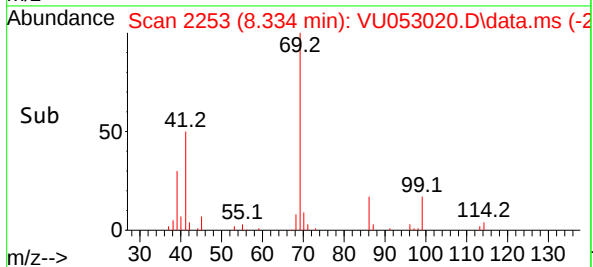
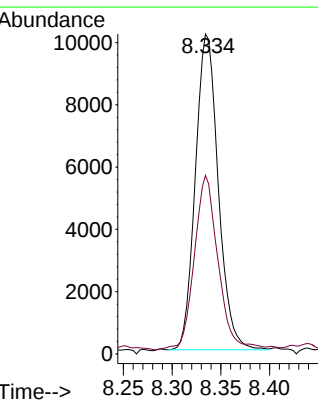
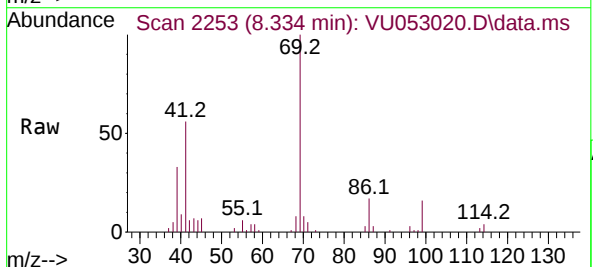
Acq: 09 Feb 2023 15:55

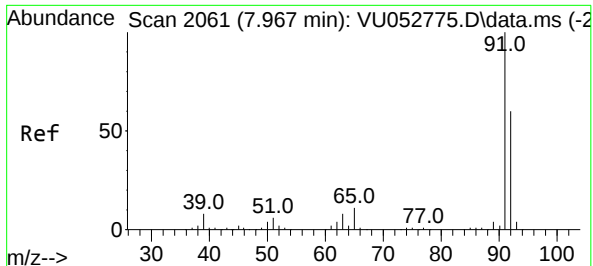
Tgt Ion: 69 Resp: 16595

Ion Ratio Lower Upper

69 100

41 57.2 28.1 84.4





#49

Toluene

Concen: 1.689 ug/l

RT: 7.964 min Scan# 2114

Delta R.T. -0.002 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

Tgt Ion: 92 Resp: 3685

Ion Ratio Lower Upper

92 100

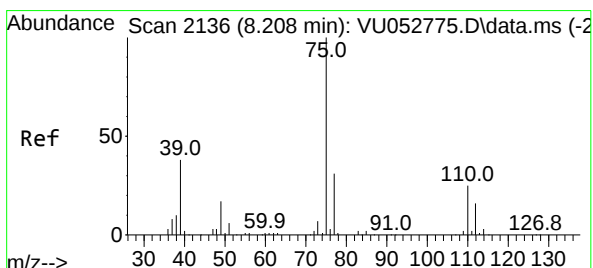
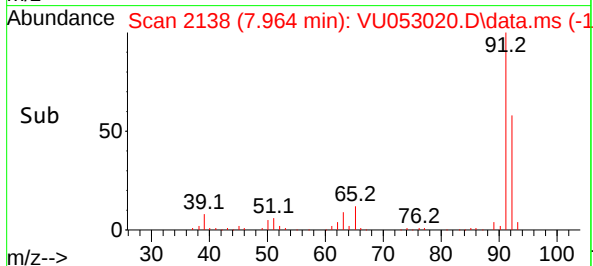
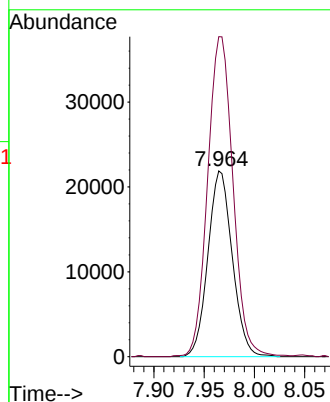
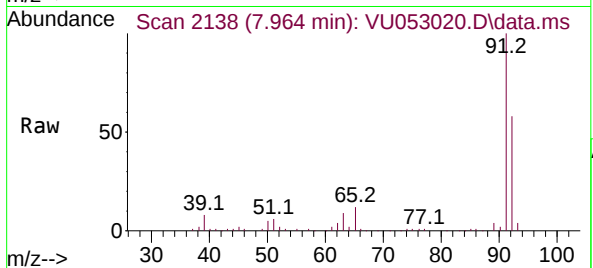
91 179.5 133.8 200.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#50

t-1,3-Dichloropropene

Concen: 1.962 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. 0.001 min

Lab File: VU053020.D

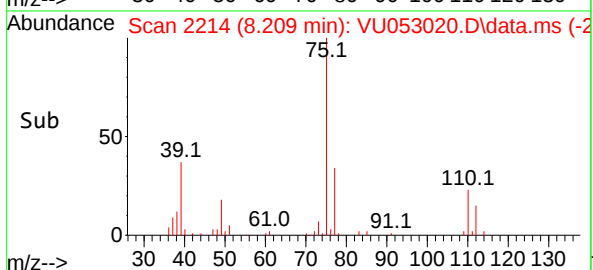
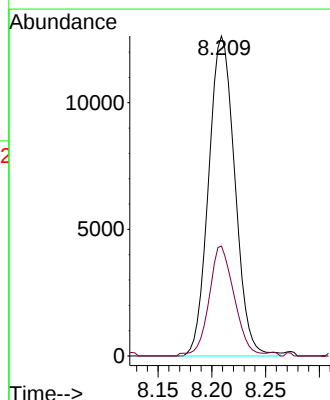
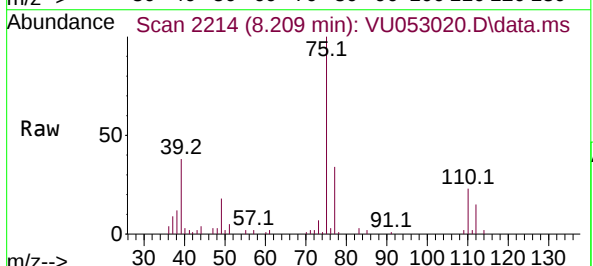
Acq: 09 Feb 2023 15:55

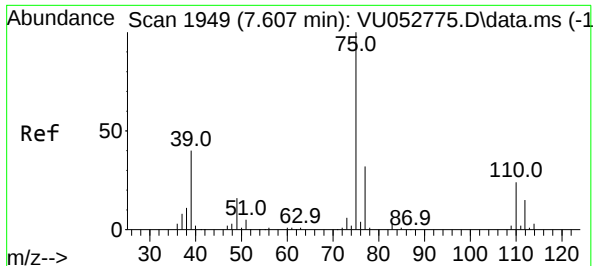
Tgt Ion: 75 Resp: 21426

Ion Ratio Lower Upper

75 100

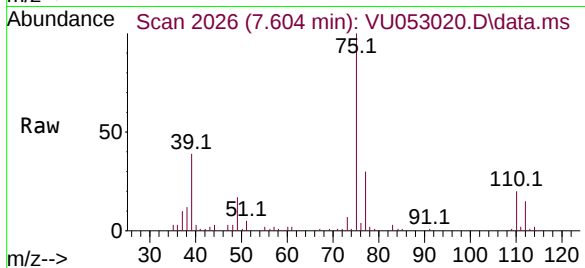
77 34.4 24.4 36.6





#51
 cis-1,3-Dichloropropene
 Concen: 1.980 ug/l
 RT: 7.604 min Scan# 20
 Delta R.T. -0.002 min
 Lab File: VU053020.D
 Acq: 09 Feb 2023 15:55

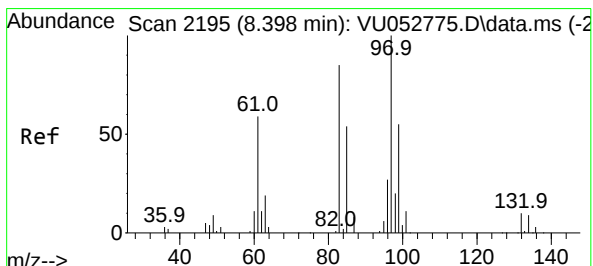
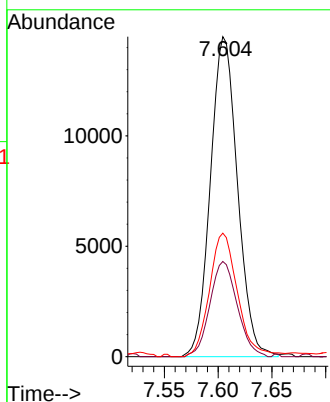
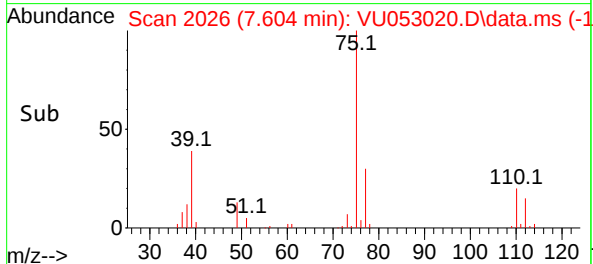
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0209WBS02



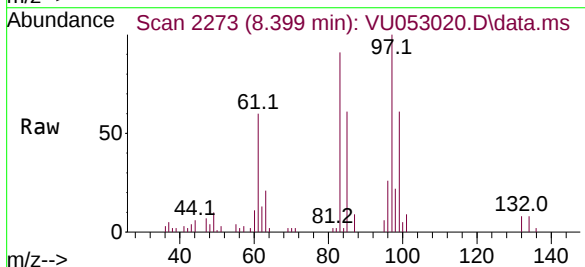
Tgt Ion: 75 Resp: 25436
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.5 38.3
 39 38.6 32.3 48.5

Manual Integrations
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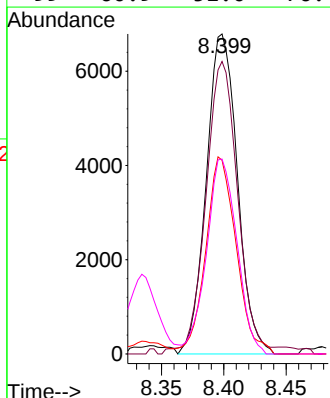
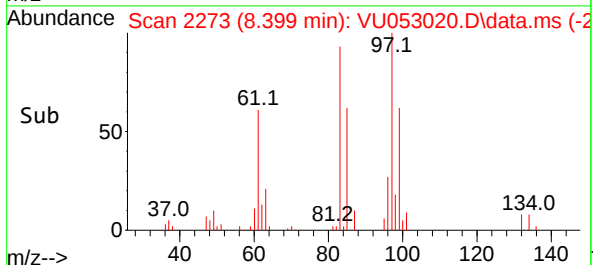
Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023

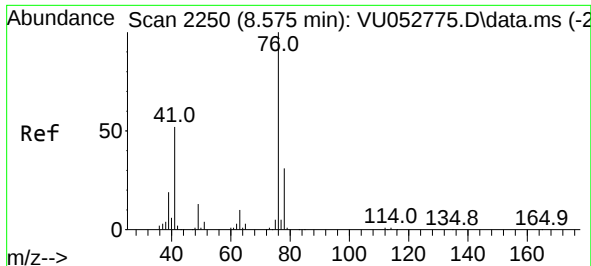


#52
 1,1,2-Trichloroethane
 Concen: 1.799 ug/l
 RT: 8.399 min Scan# 2273
 Delta R.T. 0.001 min
 Lab File: VU053020.D
 Acq: 09 Feb 2023 15:55



Tgt Ion: 97 Resp: 11803
 Ion Ratio Lower Upper
 97 100
 83 89.5 68.2 102.2
 85 60.5 44.5 66.7
 99 60.9 51.0 76.4





#53

1,3-Dichloropropane

Concen: 1.781 ug/l

RT: 8.572 min Scan# 21

Delta R.T. -0.002 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

Tgt Ion: 76 Resp: 2020

Ion Ratio Lower Upper

76 100

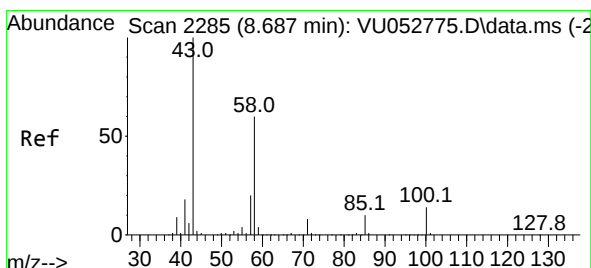
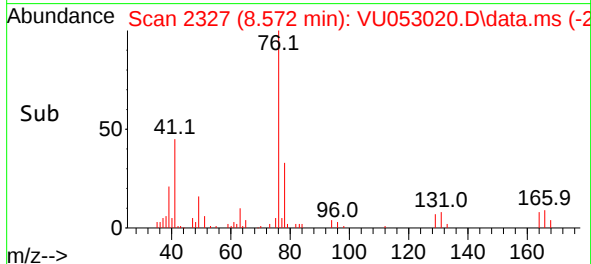
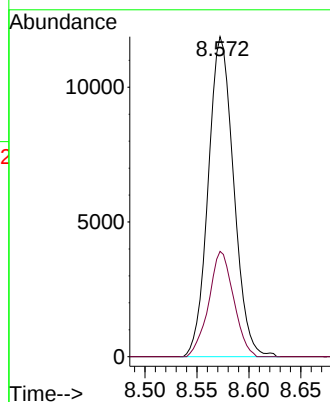
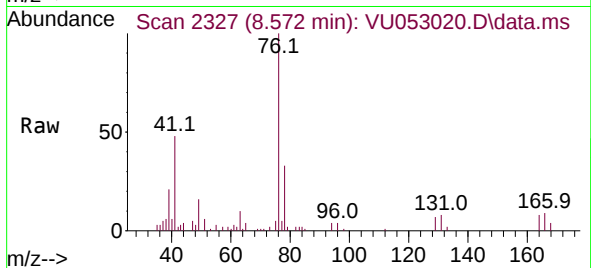
78 32.2 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#54

2-Hexanone

Concen: 7.907 ug/l

RT: 8.694 min Scan# 2365

Delta R.T. 0.007 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

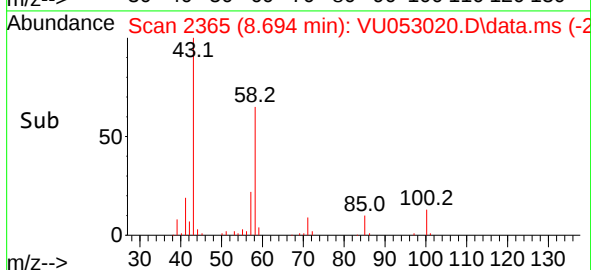
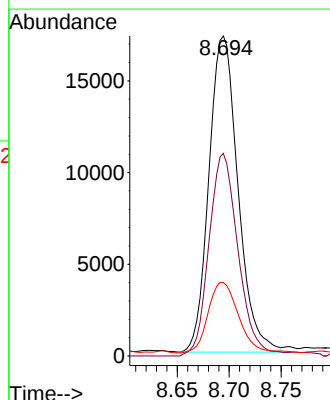
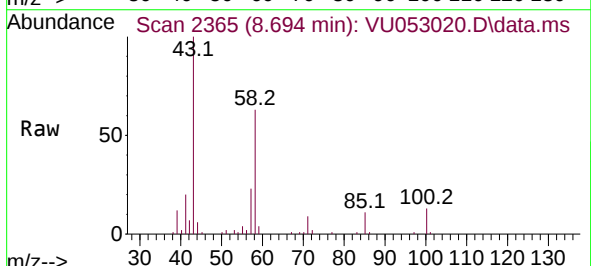
Tgt Ion: 43 Resp: 33543

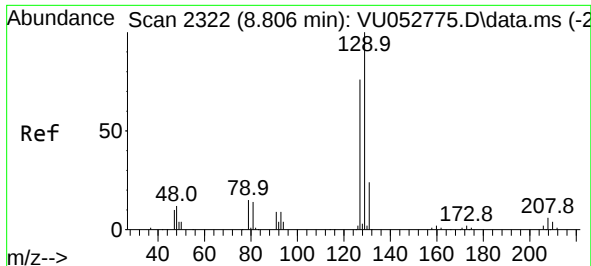
Ion Ratio Lower Upper

43 100

58 64.1 40.0 80.0

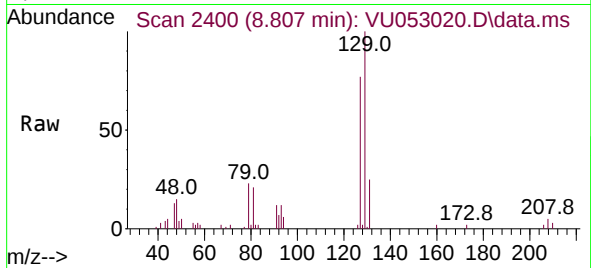
57 23.5 0.6 40.6





#55
Dibromochloromethane
Concen: 1.593 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

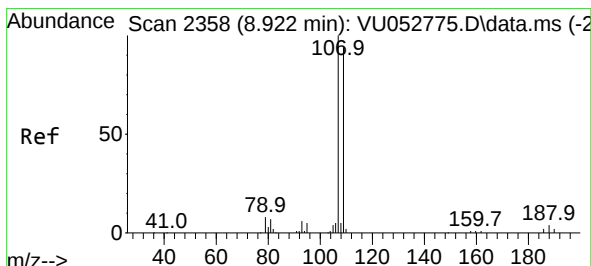
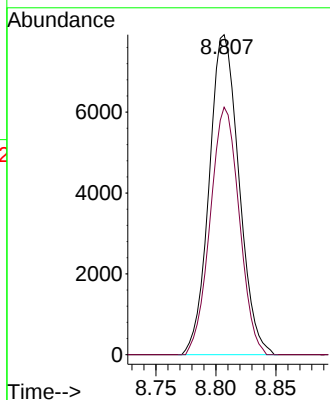
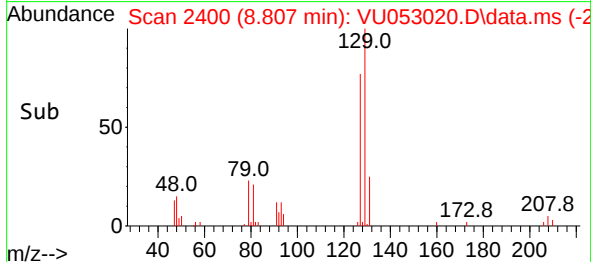
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02



Tgt Ion:129 Resp: 13670
Ion Ratio Lower Upper
129 100
127 75.3 61.5 92.3

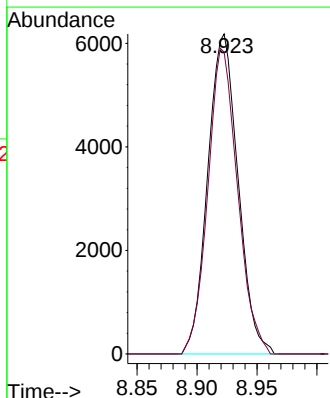
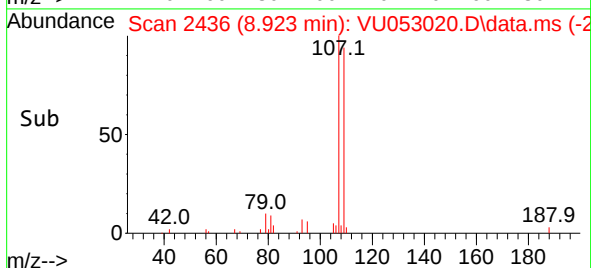
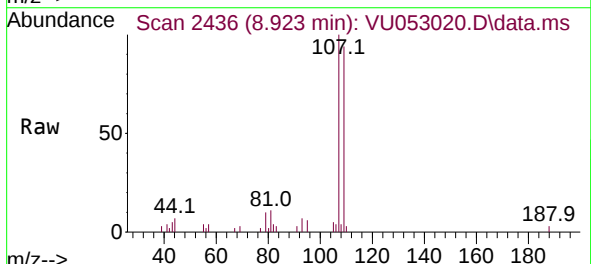
Manual Integrations
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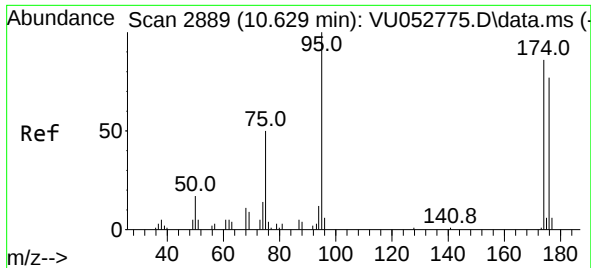
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#56
1,2-Dibromoethane
Concen: 1.740 ug/l
RT: 8.923 min Scan# 2436
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

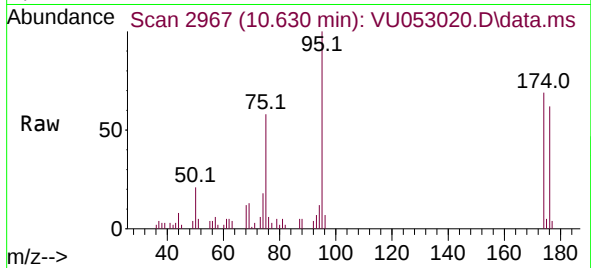
Tgt Ion:107 Resp: 10870
Ion Ratio Lower Upper
107 100
109 93.4 0.0 190.4





#57
4-Bromofluorobenzene
Concen: 1.099 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

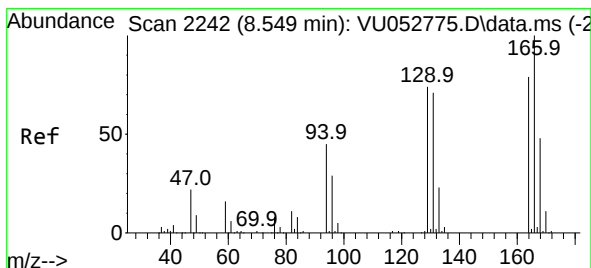
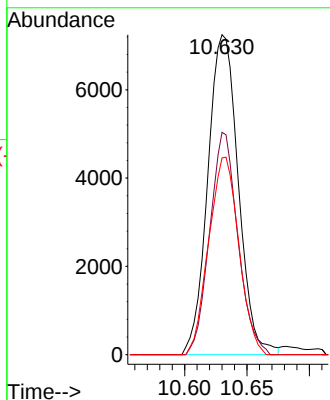
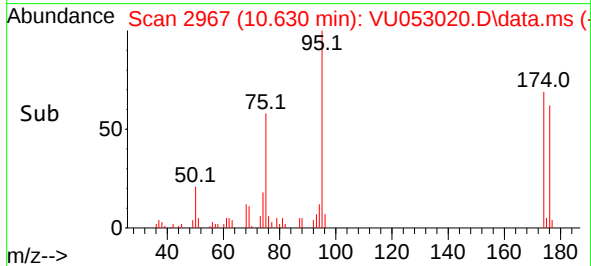
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02



Tgt Ion: 95 Resp: 12372
Ion Ratio Lower Upper
95 100
174 63.9 66.9 100.3
176 60.7 61.9 92.9

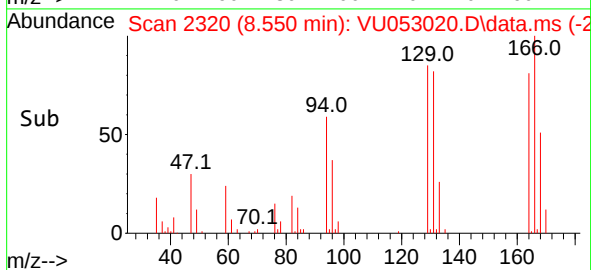
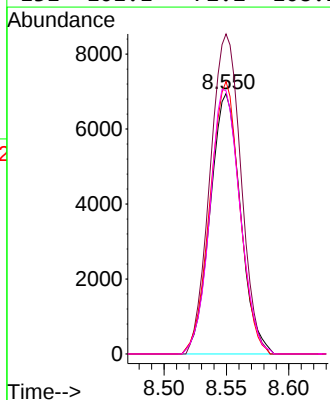
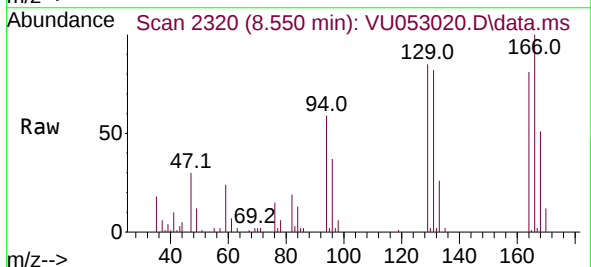
Manual Integrations
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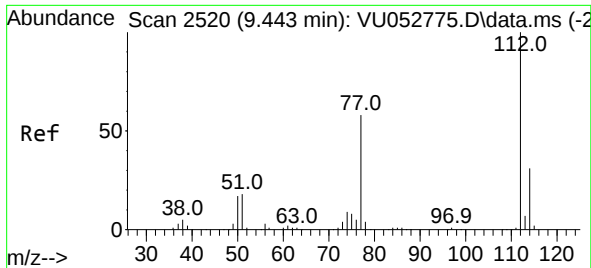
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#58
Tetrachloroethene
Concen: 1.328 ug/l
RT: 8.550 min Scan# 2320
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

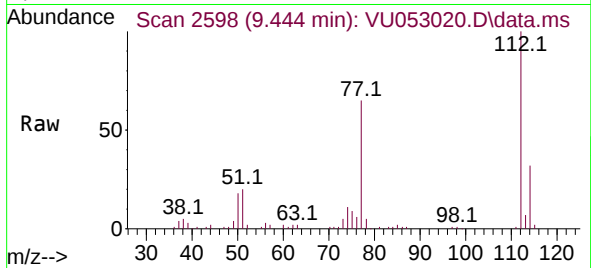
Tgt Ion:164 Resp: 11737
Ion Ratio Lower Upper
164 100
166 122.9 101.5 152.3
129 104.7 75.2 112.8
131 101.1 72.2 108.2





#59
Chlorobenzene
Concen: 1.749 ug/l
RT: 9.444 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

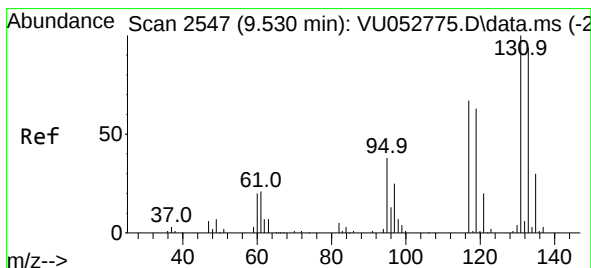
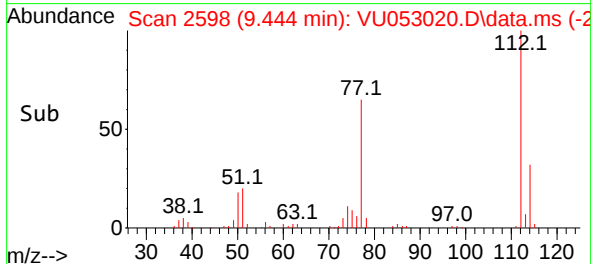
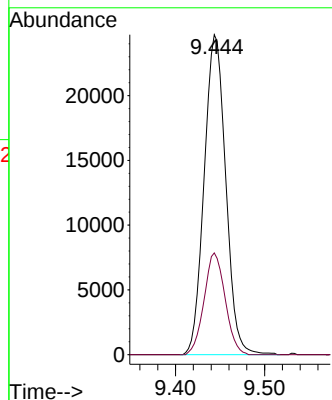
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02



Tgt Ion:112 Resp: 41520
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8

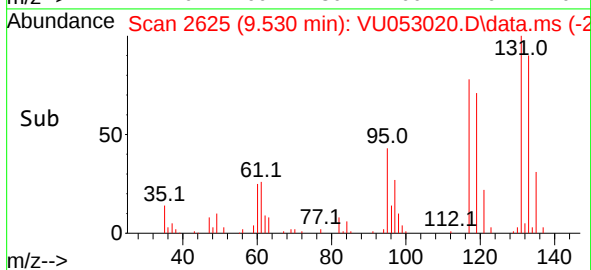
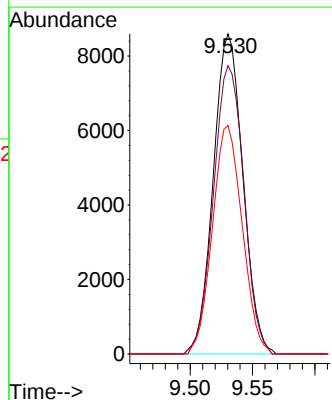
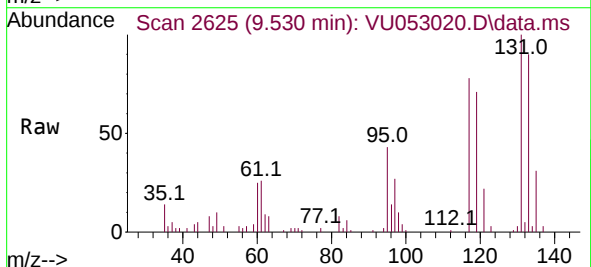
Manual Integrations
APPROVED

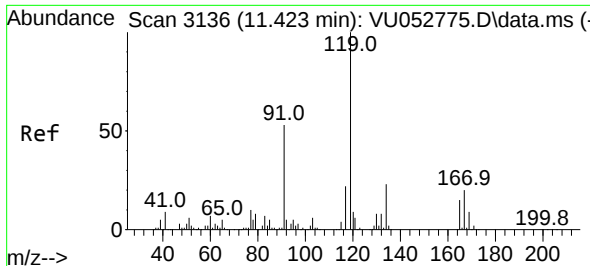
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 1.546 ug/l
RT: 9.530 min Scan# 2625
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion:131 Resp: 14206
Ion Ratio Lower Upper
131 100
133 92.6 77.2 115.8
119 72.1 50.8 76.2





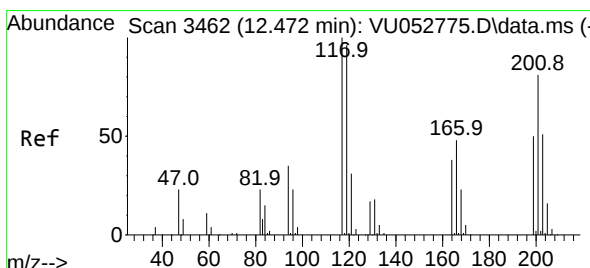
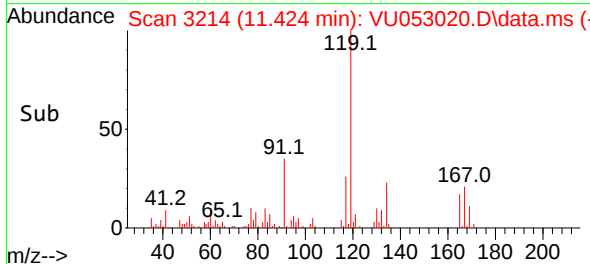
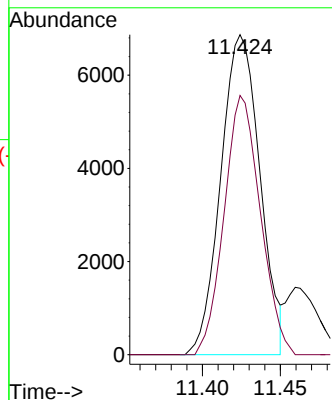
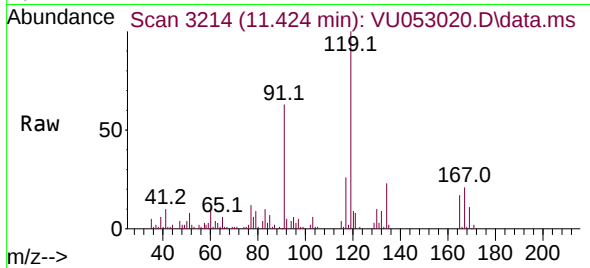
#61
Pentachloroethane
Concen: 1.595 ug/l
RT: 11.424 min Scan# 3136
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02

Tgt Ion:117 Resp: 12009
Ion Ratio Lower Upper
117 100
167 74.9 66.8 100.2

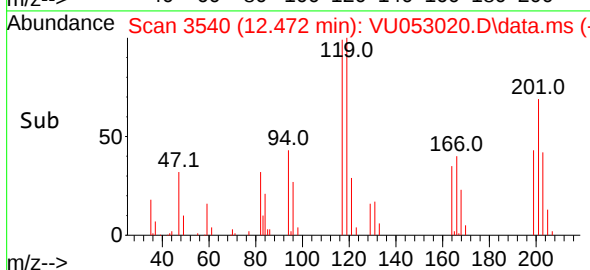
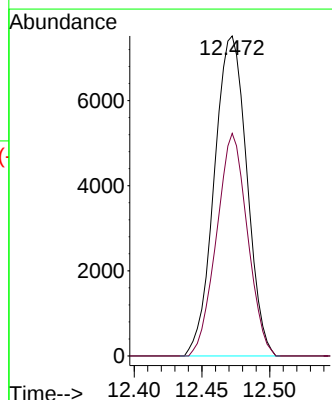
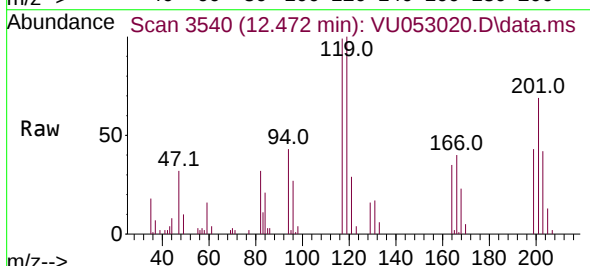
Manual Integrations
APPROVED

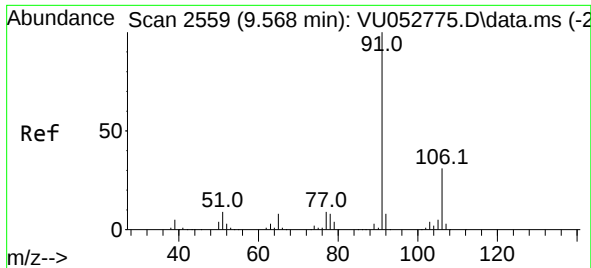
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#62
Hexachloroethane
Concen: 1.653 ug/l
RT: 12.472 min Scan# 3540
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion:117 Resp: 12571
Ion Ratio Lower Upper
117 100
201 65.9 64.6 97.0





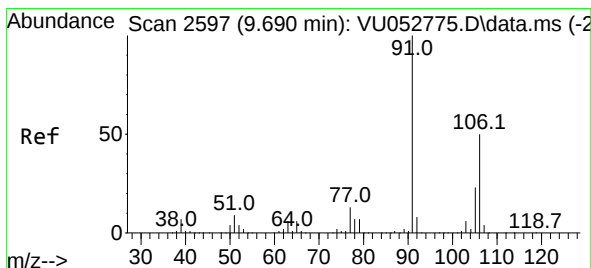
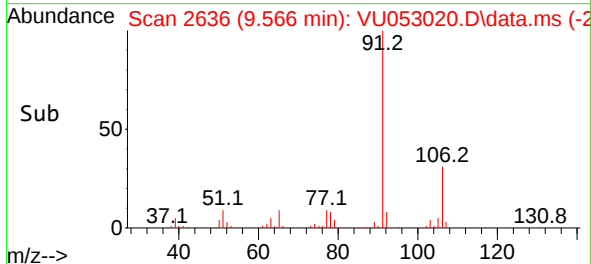
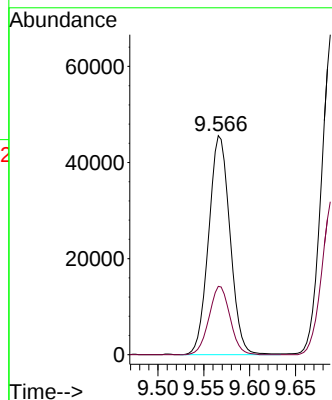
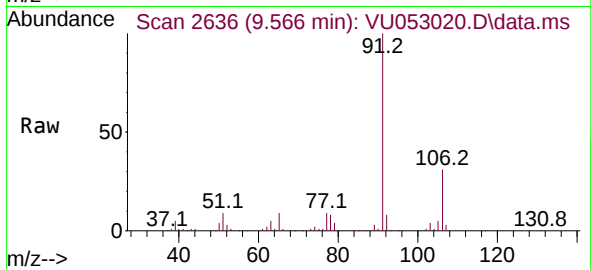
#63
Ethyl Benzene
Concen: 1.922 ug/l
RT: 9.566 min Scan# 2636
Delta R.T. -0.002 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02

Tgt Ion: 91 Resp: 73936
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7

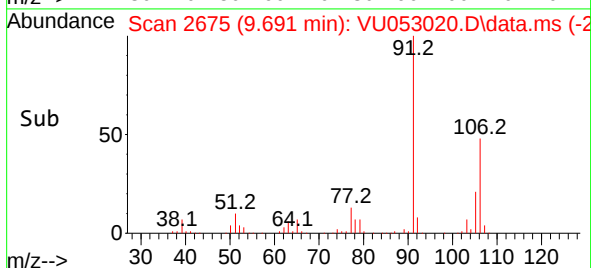
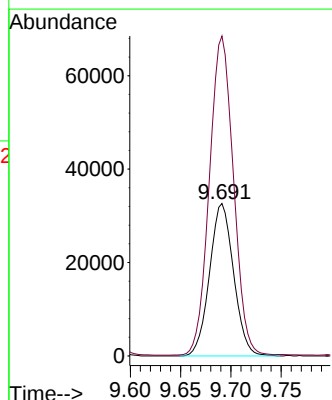
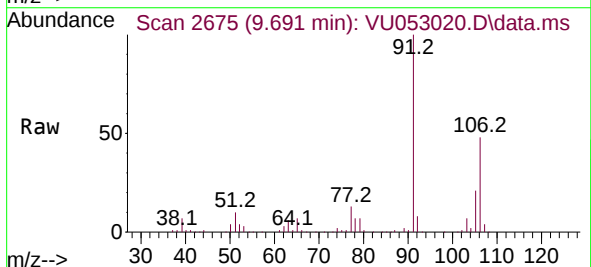
Manual Integrations
APPROVED

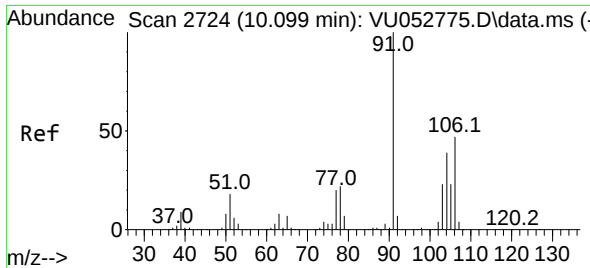
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#64
m/p-Xylenes
Concen: 3.543 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion:106 Resp: 54338
Ion Ratio Lower Upper
106 100
91 209.6 158.7 238.1





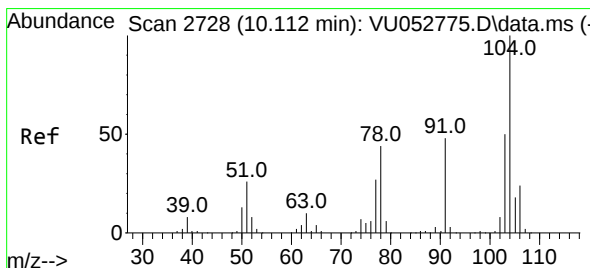
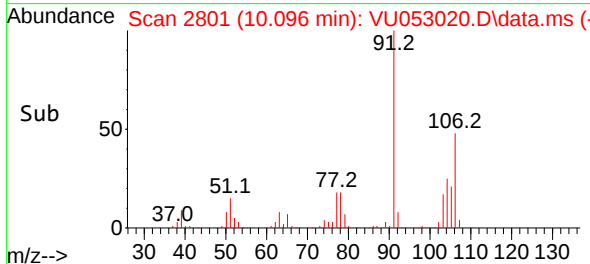
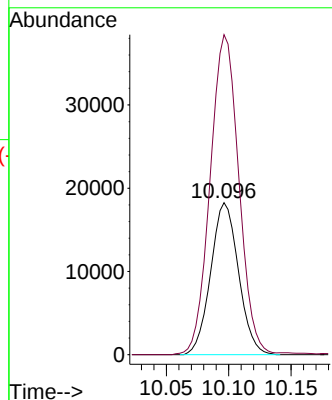
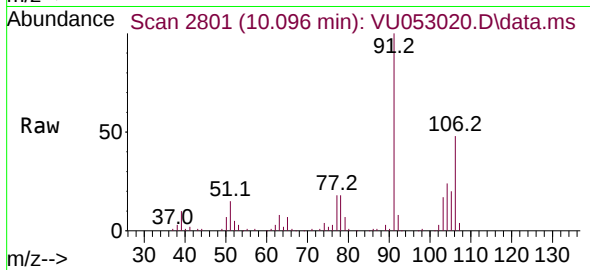
#65
o-Xylene
Concen: 1.914 ug/l
RT: 10.096 min Scan# 2801
Delta R.T. -0.003 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02

Tgt Ion:106 Resp: 2832
Ion Ratio Lower Upper
106 100
91 217.4 105.6 316.8

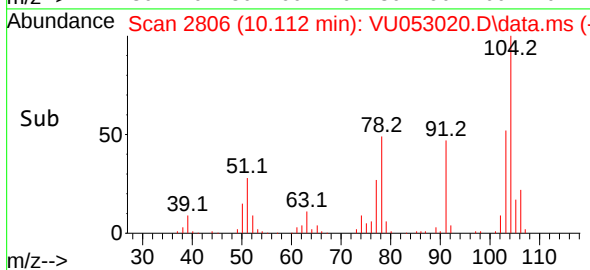
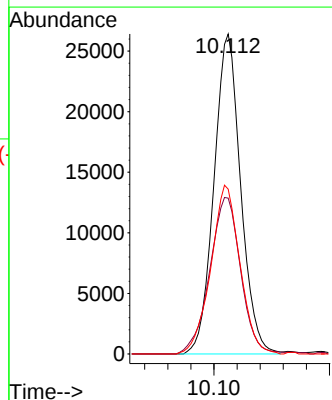
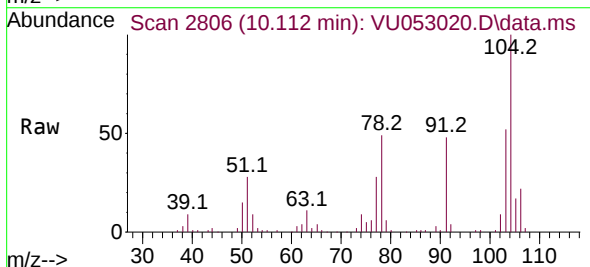
Manual Integrations
APPROVED

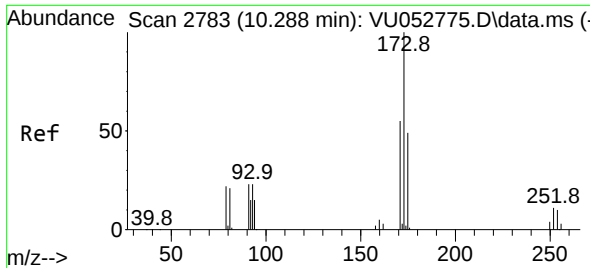
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#66
Styrene
Concen: 1.843 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.000 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion:104 Resp: 42375
Ion Ratio Lower Upper
104 100
78 56.9 39.6 59.4
103 57.5 42.9 64.3





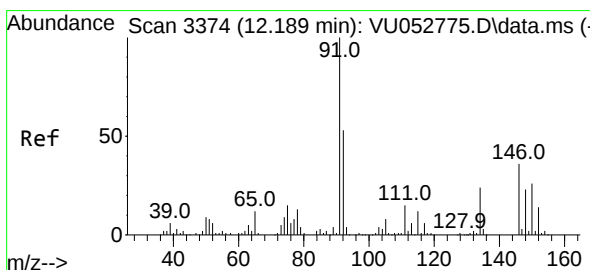
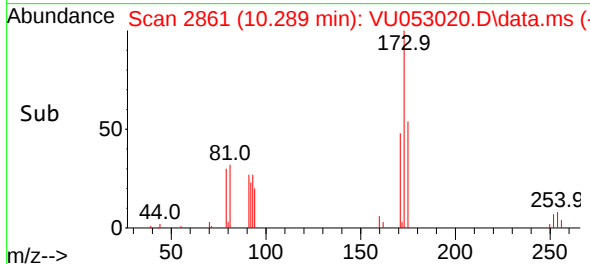
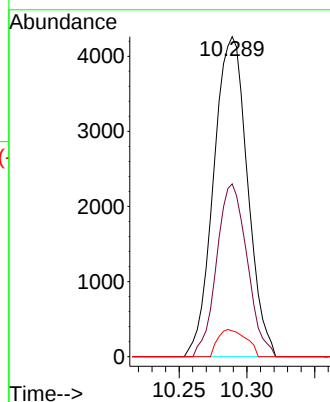
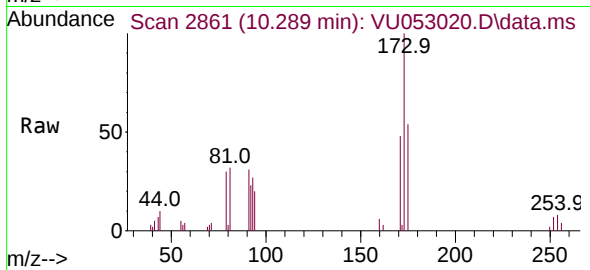
#67
Bromoform
Concen: 1.457 ug/l
RT: 10.289 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02

Tgt Ion:173 Resp: 738
Ion Ratio Lower Upper
173 100
175 48.8 39.5 59.3
254 7.1 8.0 12.0

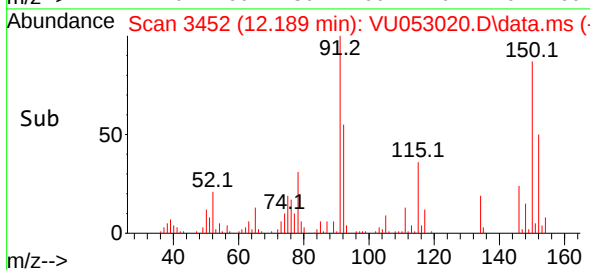
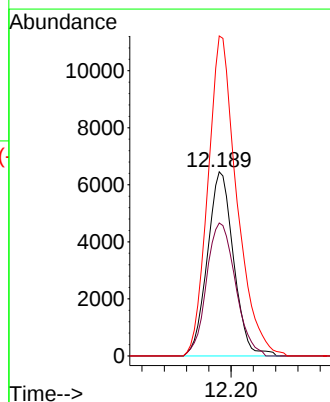
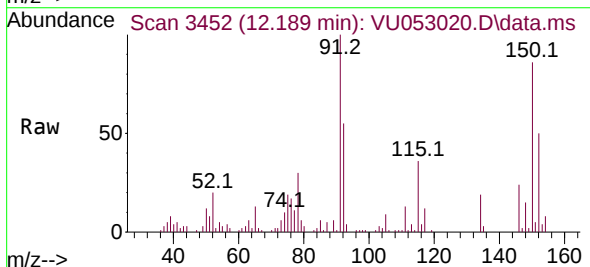
Manual Integrations
APPROVED

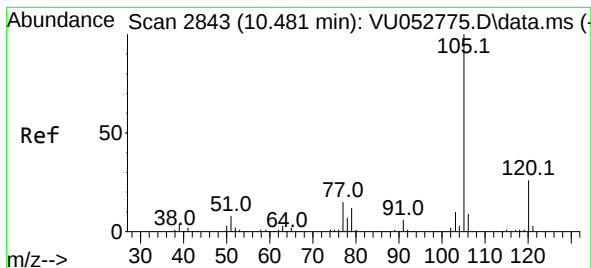
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#68
1,2-Dichlorobenzene-d4
Concen: 0.908 ug/l
RT: 12.189 min Scan# 3452
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion:152 Resp: 10514
Ion Ratio Lower Upper
152 100
115 79.9 0.0 262.6
150 192.0 0.0 638.0





#69

Isopropylbenzene

Concen: 1.956 ug/l

RT: 10.479 min Scan# 2920

Delta R.T. -0.002 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

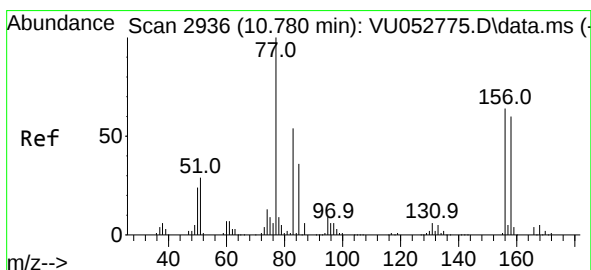
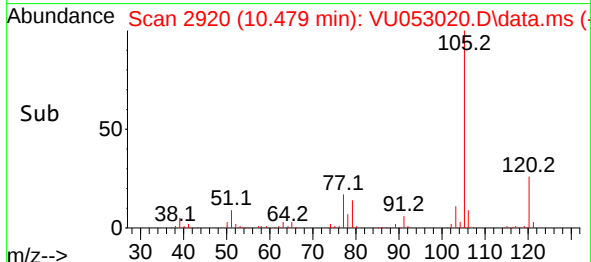
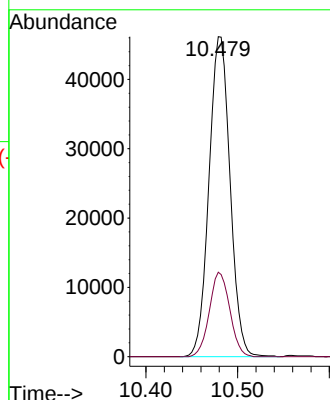
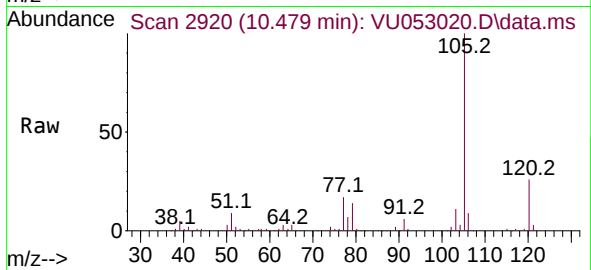
Tgt Ion:105 Resp: 7364
 Ion Ratio Lower Upper
 105 100
 120 25.5 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 2.016 ug/l

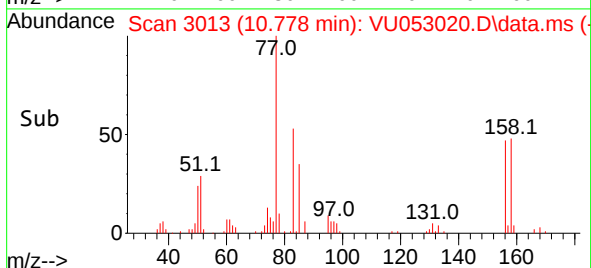
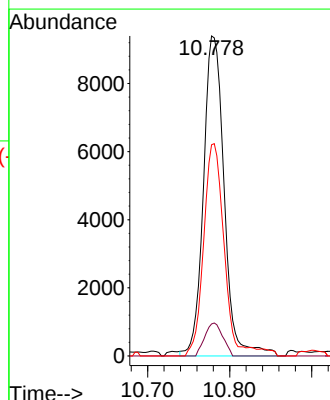
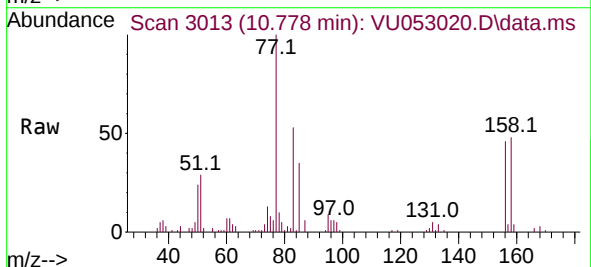
RT: 10.778 min Scan# 3013

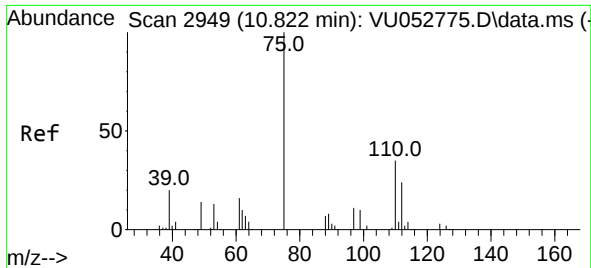
Delta R.T. -0.002 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

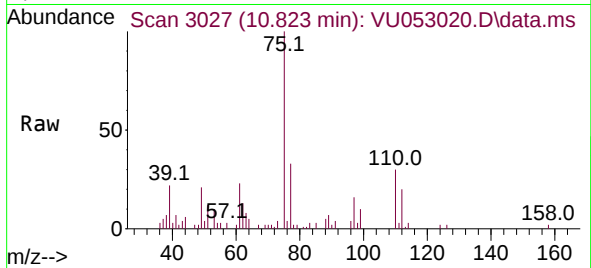
Tgt Ion: 83 Resp: 16494
 Ion Ratio Lower Upper
 83 100
 131 8.9 8.6 13.0
 85 65.0 52.6 78.8





#71
1,2,3-Trichloropropane
Concen: 1.257 ug/l m
RT: 10.823 min Scan# 3014
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

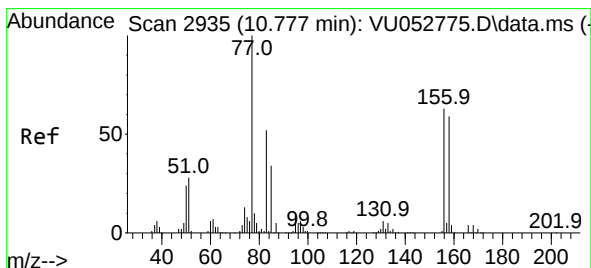
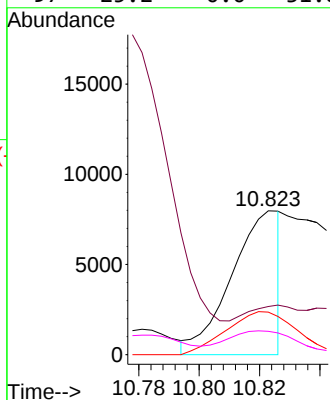
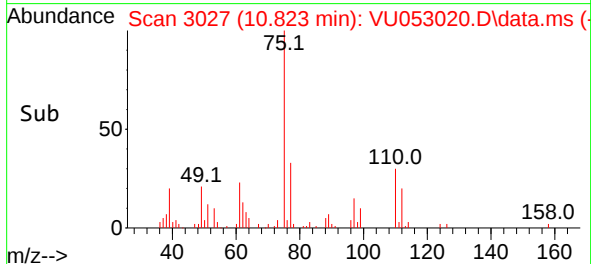
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02



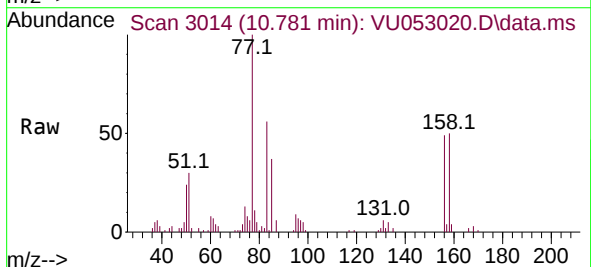
Tgt Ion: 75 Resp: 890
Ion Ratio Lower Upper
75 100
77 11.0 0.0 86.0
110 44.0 0.0 63.8
97 25.2 0.0 31.8

Manual Integrations
APPROVED

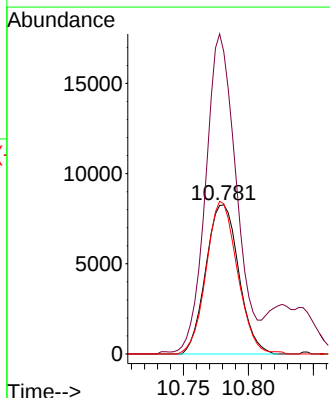
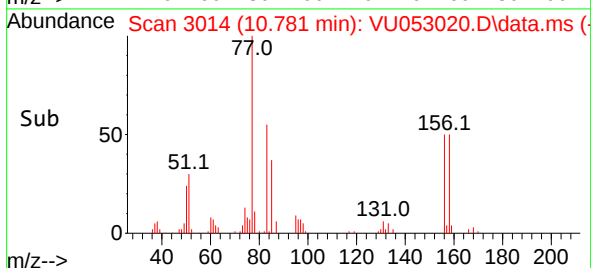
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

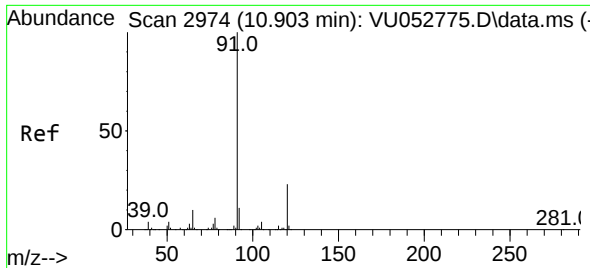


#72
Bromobenzene
Concen: 1.522 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.004 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55



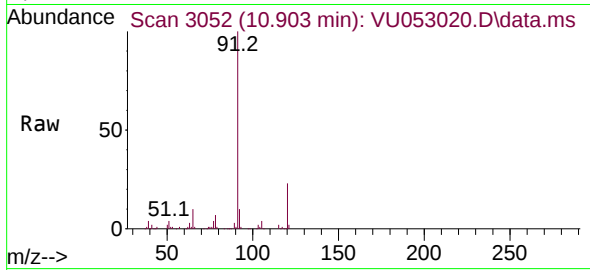
Tgt Ion:156 Resp: 14557
Ion Ratio Lower Upper
156 100
77 201.5 0.0 321.2
158 97.4 0.0 192.0





#73
n-propylbenzene
Concen: 1.824 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

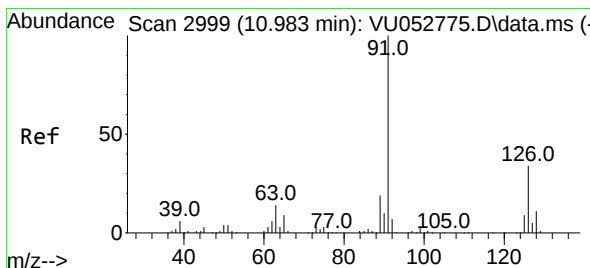
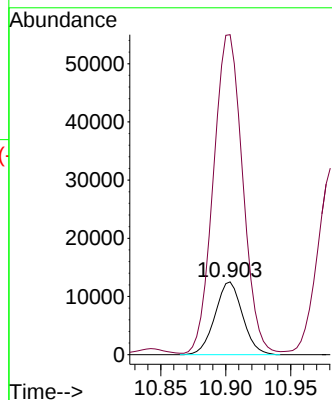
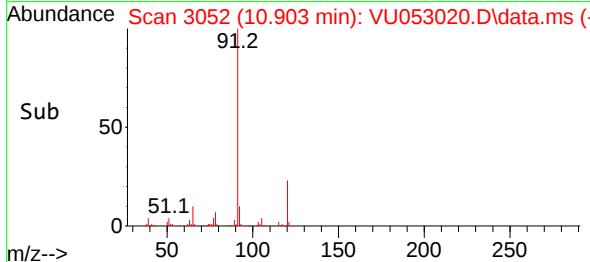
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02



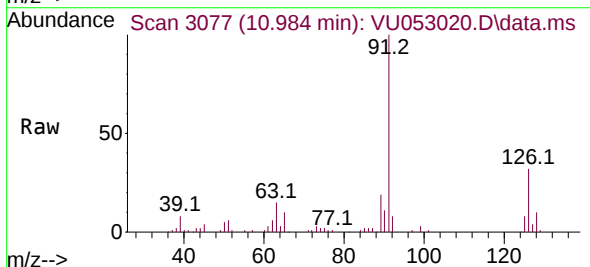
Tgt Ion:120 Resp: 1838
Ion Ratio Lower Upper
120 100
91 469.7 348.0 522.0

Manual Integrations
APPROVED

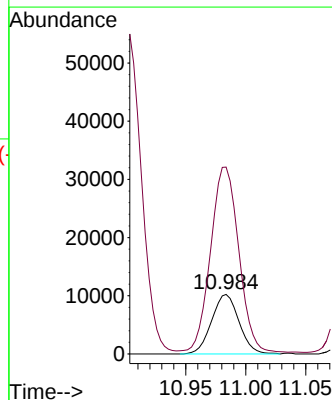
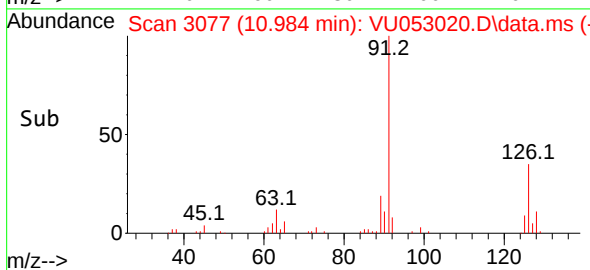
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

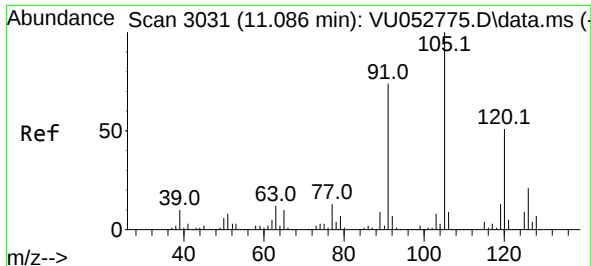


#74
2-Chlorotoluene
Concen: 1.706 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55



Tgt Ion:126 Resp: 16227
Ion Ratio Lower Upper
126 100
91 326.3 0.0 588.6





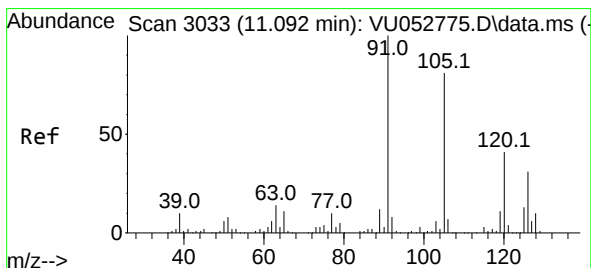
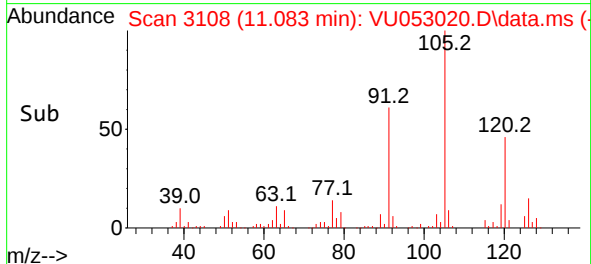
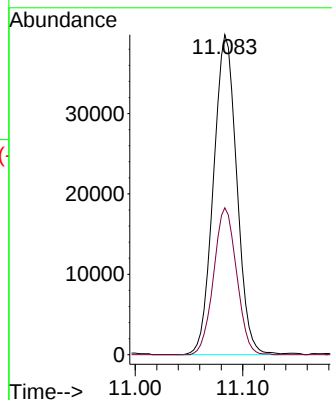
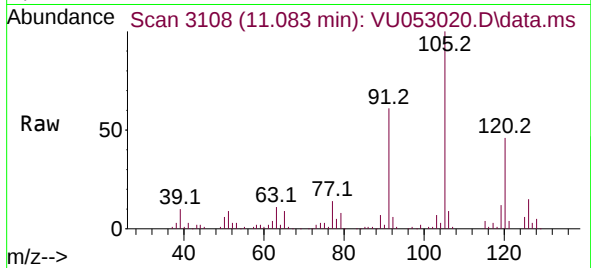
#75
1,3,5-Trimethylbenzene
Concen: 1.904 ug/l
RT: 11.083 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02

Tgt Ion:105 Resp: 5991
Ion Ratio Lower Upper
105 100
120 45.3 39.9 59.9

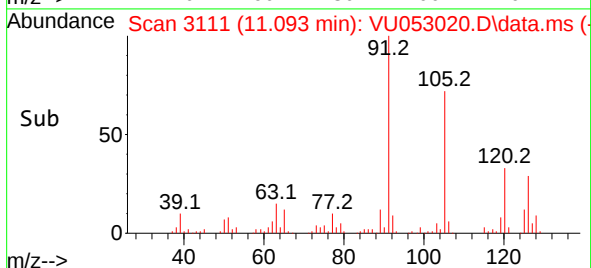
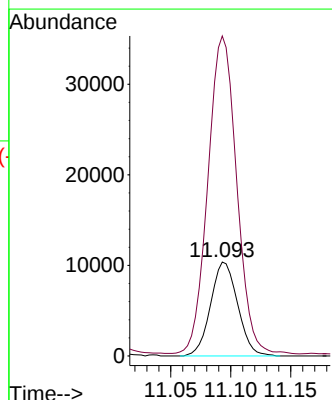
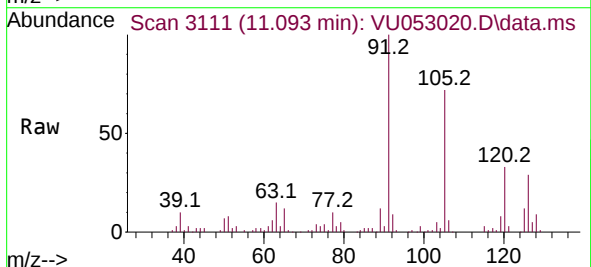
Manual Integrations
APPROVED

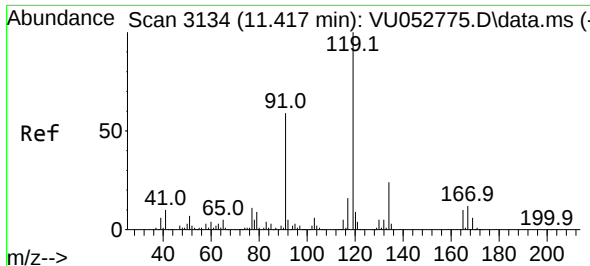
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#76
4-Chlorotoluene
Concen: 1.666 ug/l
RT: 11.093 min Scan# 3111
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

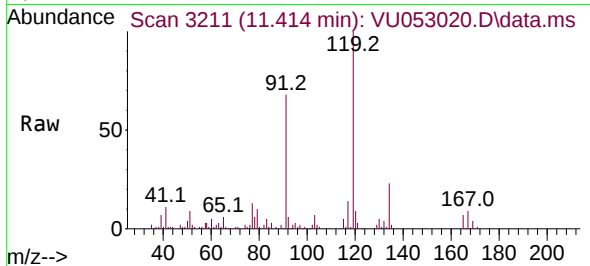
Tgt Ion:126 Resp: 16260
Ion Ratio Lower Upper
126 100
91 361.0 0.0 661.8





#77
tert-Butylbenzene
Concen: 1.811 ug/l
RT: 11.414 min Scan# 3134
Delta R.T. -0.003 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

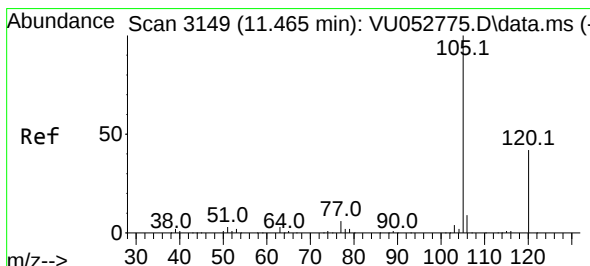
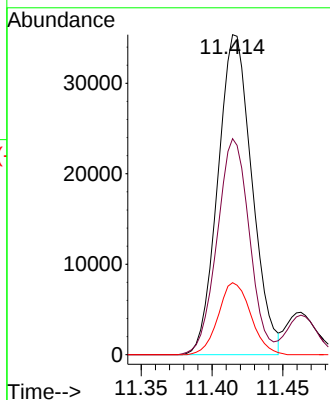
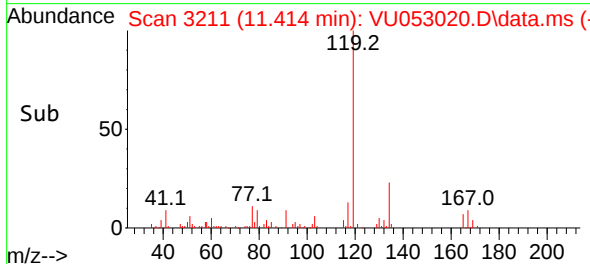
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02



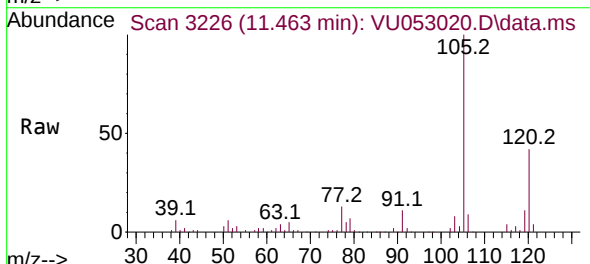
Tgt Ion:119 Resp: 59280
Ion Ratio Lower Upper
119 100
91 64.0 28.4 85.3
134 21.4 18.6 27.8

Manual Integrations
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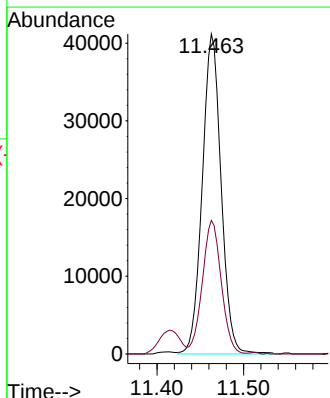
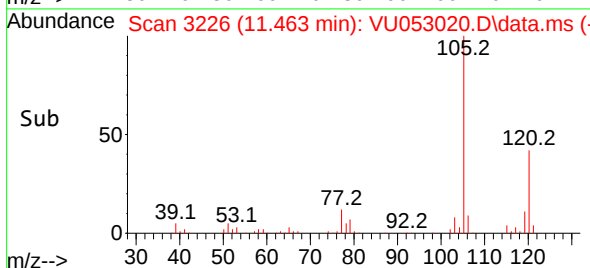
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

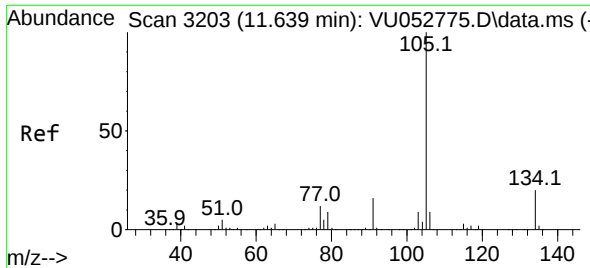


#78
1,2,4-Trimethylbenzene
Concen: 1.956 ug/l
RT: 11.463 min Scan# 3226
Delta R.T. -0.002 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55



Tgt Ion:105 Resp: 62256
Ion Ratio Lower Upper
105 100
120 41.4 23.4 70.3





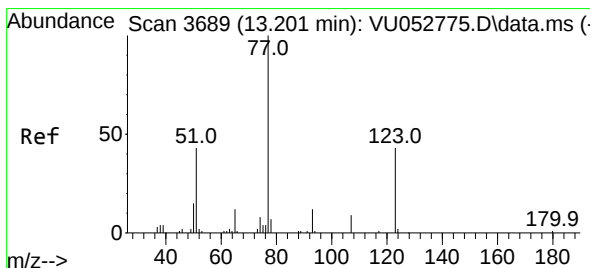
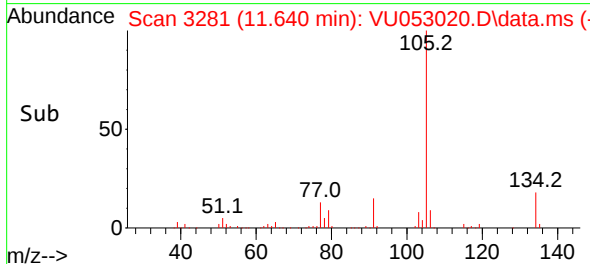
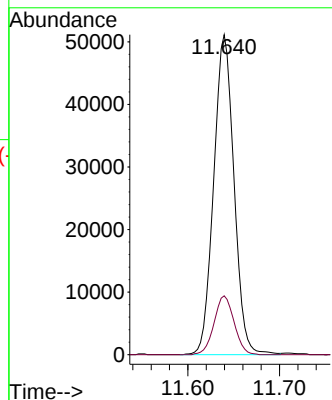
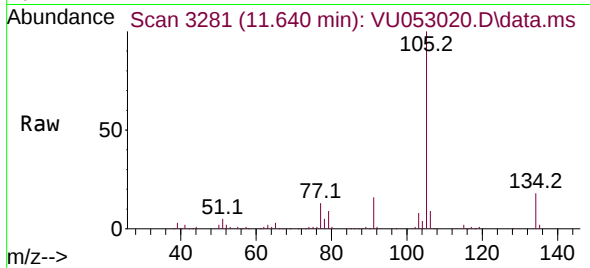
#79
 sec-Butylbenzene
 Concen: 1.912 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VU053020.D
 Acq: 09 Feb 2023 15:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0209WBS02

Tgt Ion:105 Resp: 78680
 Ion Ratio Lower Upper
 105 100
 134 18.1 16.5 24.7

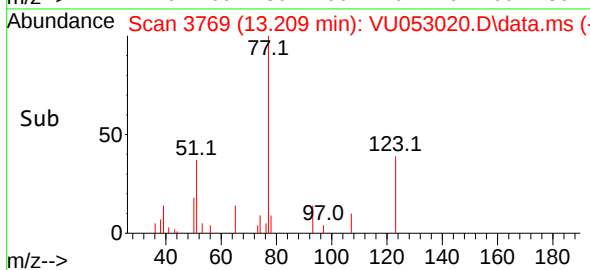
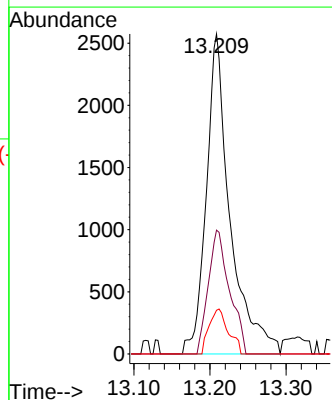
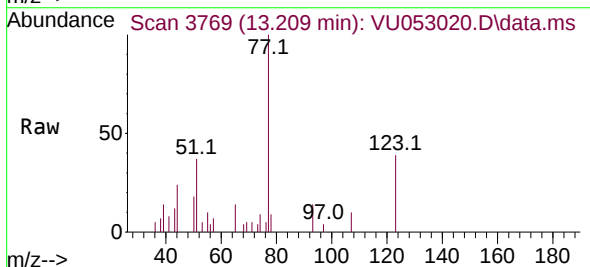
Manual Integrations
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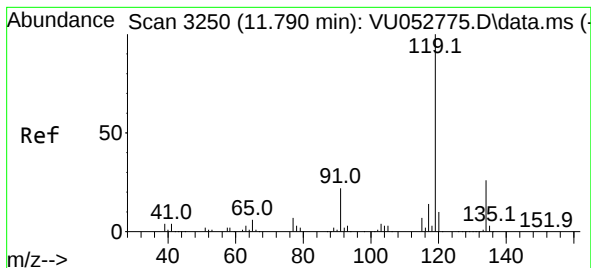
Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023



#80
 Nitrobenzene
 Concen: 11.032 ug/l
 RT: 13.209 min Scan# 3769
 Delta R.T. 0.008 min
 Lab File: VU053020.D
 Acq: 09 Feb 2023 15:55

Tgt Ion: 77 Resp: 5586
 Ion Ratio Lower Upper
 77 100
 123 34.5 18.8 66.8
 65 11.4 10.1 12.9





#81

p-Isopropyltoluene

Concen: 1.802 ug/l

RT: 11.787 min Scan# 3313

Delta R.T. -0.003 min

Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS02

Tgt Ion:119 Resp: 6101

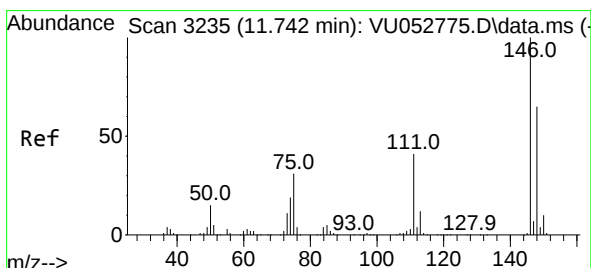
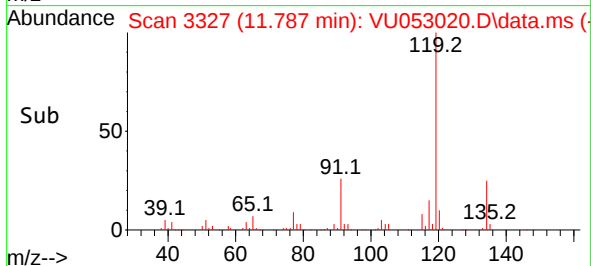
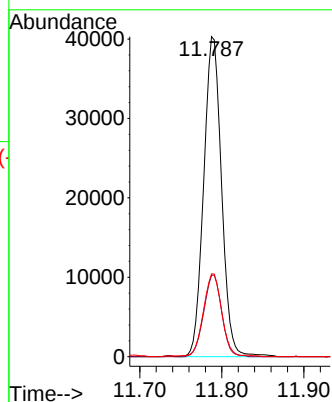
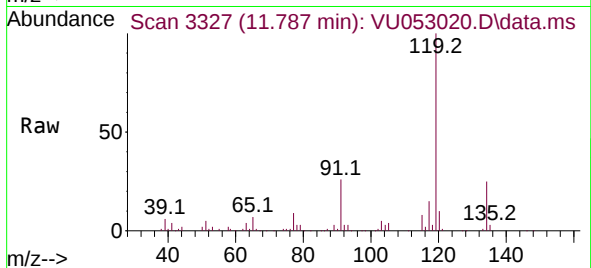
Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.7	31.1
91	26.7	17.6	26.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#82

1,3-Dichlorobenzene

Concen: 1.545 ug/l

RT: 11.742 min Scan# 3313

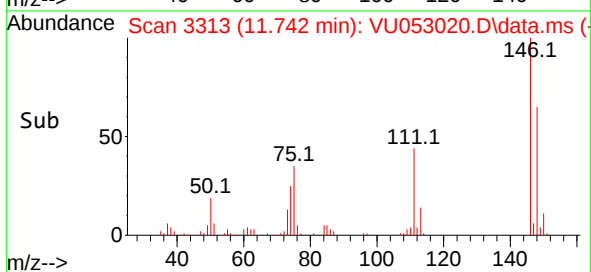
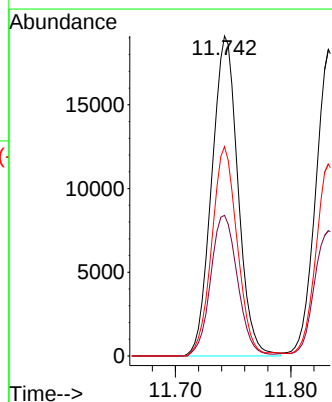
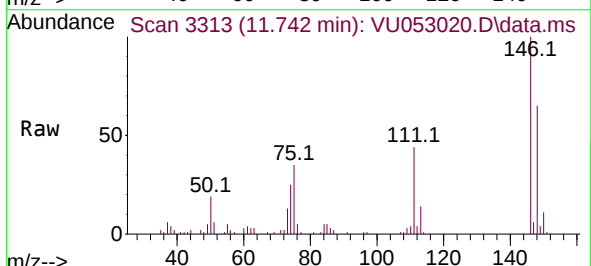
Delta R.T. 0.001 min

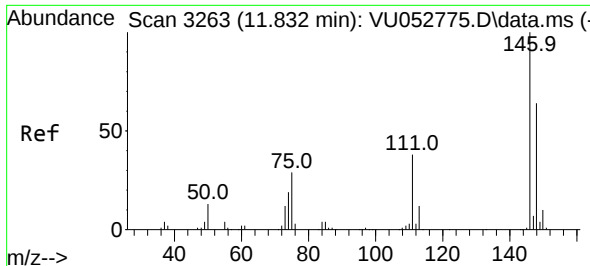
Lab File: VU053020.D

Acq: 09 Feb 2023 15:55

Tgt Ion:146 Resp: 30175

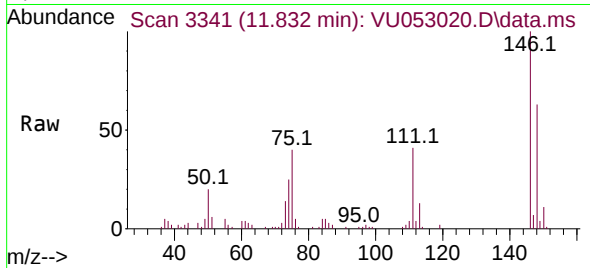
Ion	Ratio	Lower	Upper
146	100		
111	45.0	32.6	48.8
148	63.3	51.9	77.9





#83
1,4-Dichlorobenzene
Concen: 1.473 ug/l
RT: 11.832 min Scan# 31
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

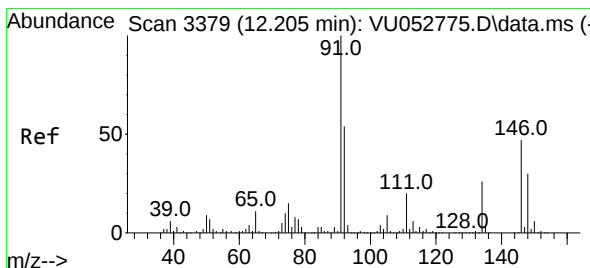
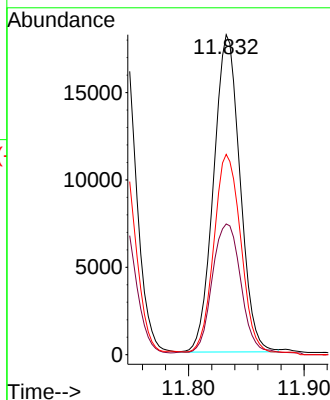
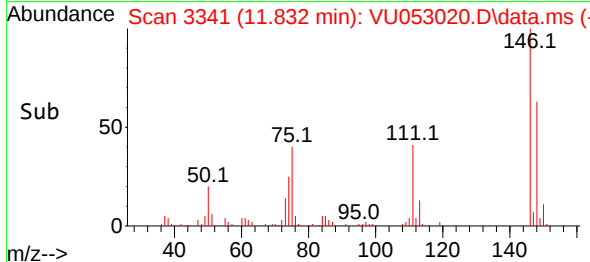
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02



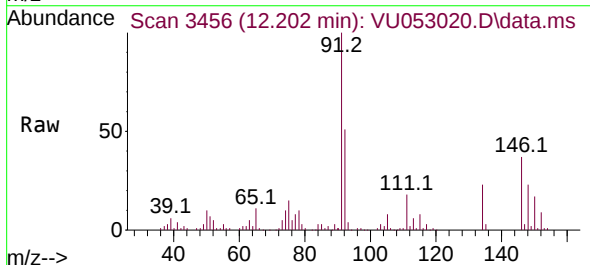
Tgt Ion:146 Resp: 28869
Ion Ratio Lower Upper
146 100
111 46.2 29.5 44.3
148 65.9 51.4 77.0

Manual Integrations
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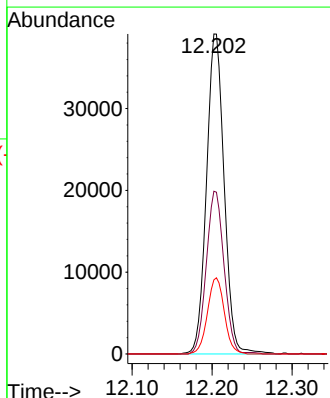
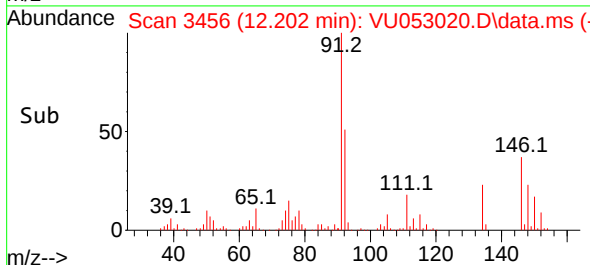
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

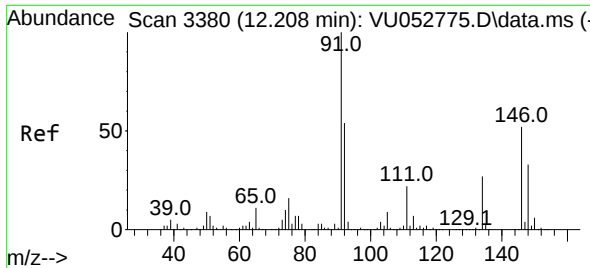


#84
n-Butylbenzene
Concen: 2.017 ug/l
RT: 12.202 min Scan# 3456
Delta R.T. -0.003 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55



Tgt Ion: 91 Resp: 59977
Ion Ratio Lower Upper
91 100
92 50.8 43.4 65.0
134 22.8 21.2 31.8





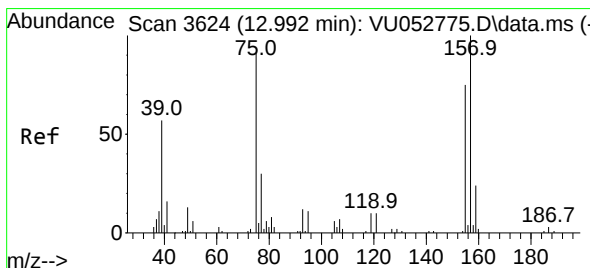
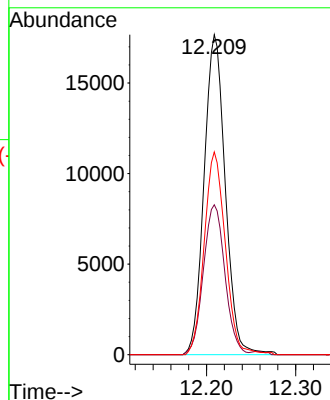
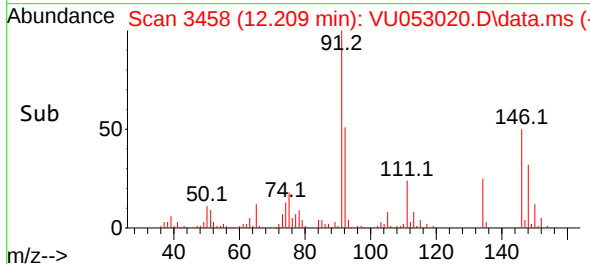
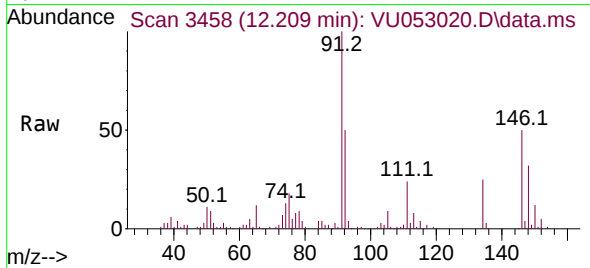
#85
1,2-Dichlorobenzene
Concen: 1.581 ug/l
RT: 12.209 min Scan# 3458
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02

Tgt Ion:146 Resp: 2913
Ion Ratio Lower Upper
146 100
111 47.7 20.8 62.5
148 63.3 31.4 94.2

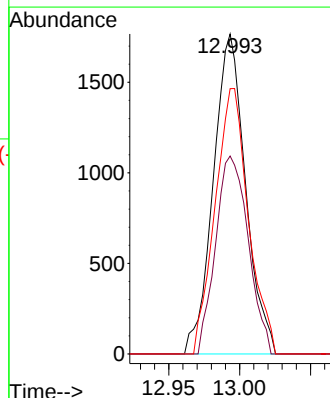
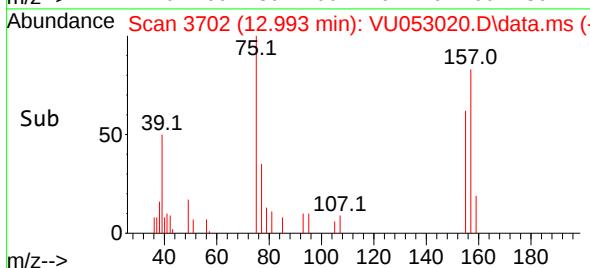
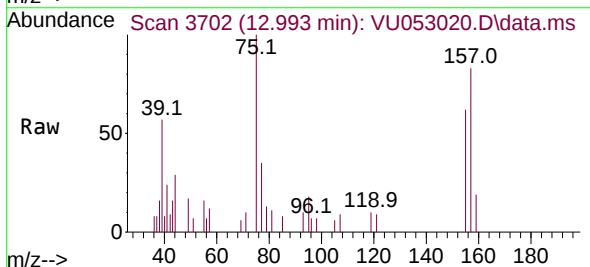
Manual Integrations
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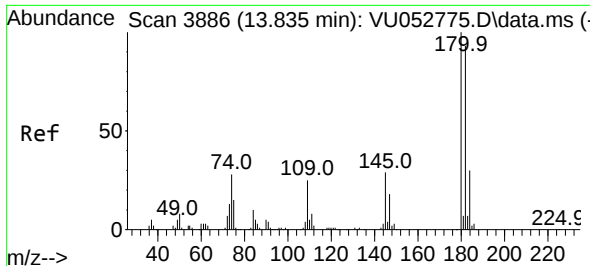
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.842 ug/l
RT: 12.993 min Scan# 3702
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

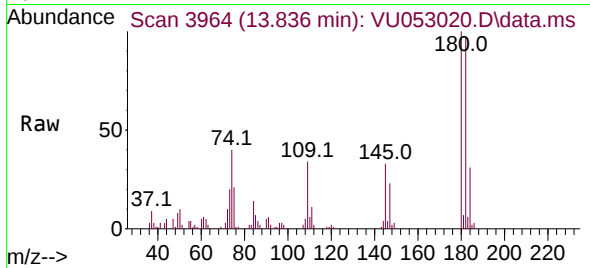
Tgt Ion: 75 Resp: 2791
Ion Ratio Lower Upper
75 100
155 62.7 66.0 99.0#
157 85.8 85.9 128.9#





#87
1,2,4-Trichlorobenzene
Concen: 1.572 ug/l
RT: 13.836 min Scan# 3964
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

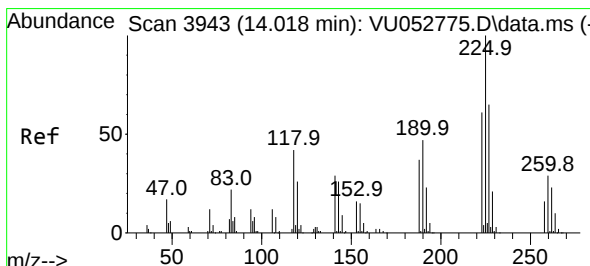
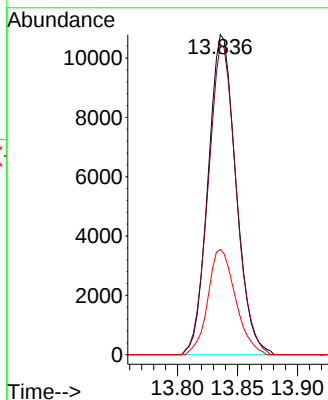
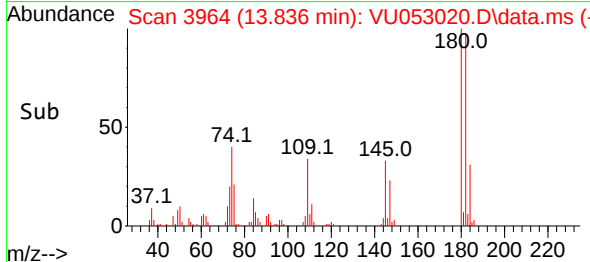
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02



Tgt Ion:180 Resp: 17378
Ion Ratio Lower Upper
180 100
182 97.5 74.6 112.0
145 32.7 23.4 35.0

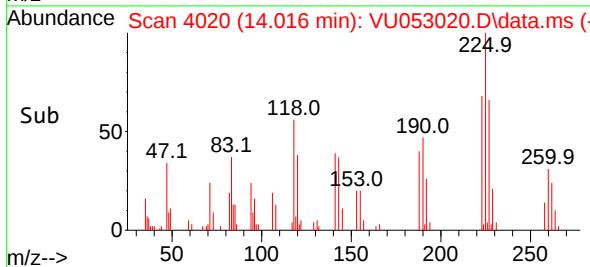
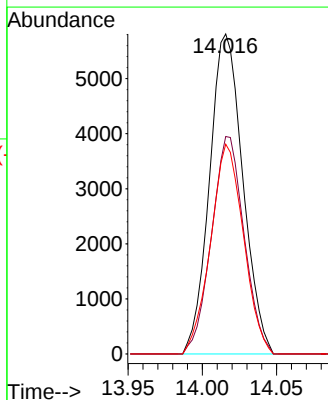
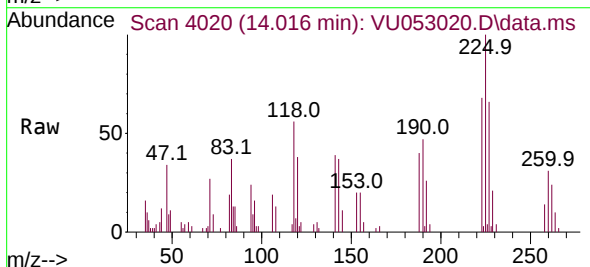
Manual Integrations
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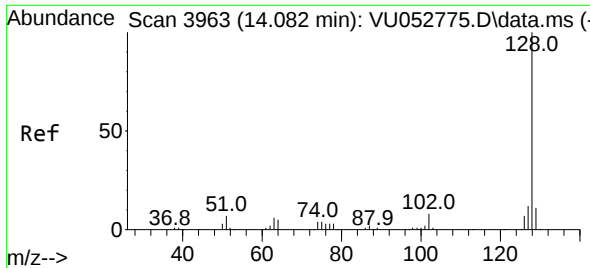
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#88
Hexachlorobutadiene
Concen: 1.172 ug/l
RT: 14.016 min Scan# 4020
Delta R.T. -0.002 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

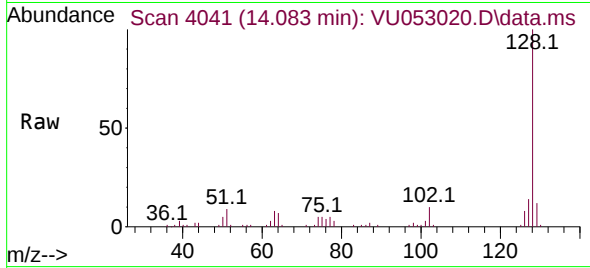
Tgt Ion:225 Resp: 9081
Ion Ratio Lower Upper
225 100
223 66.5 49.8 74.6
227 64.5 51.5 77.3





#89
Naphthalene
Concen: 1.770 ug/l
RT: 14.083 min Scan# 4011
Delta R.T. 0.001 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

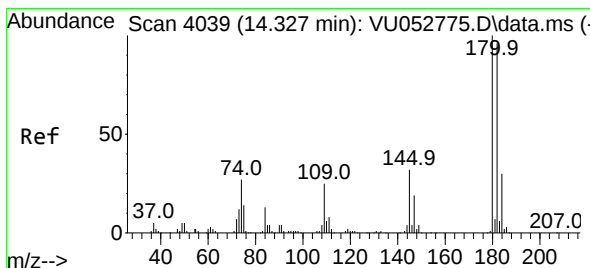
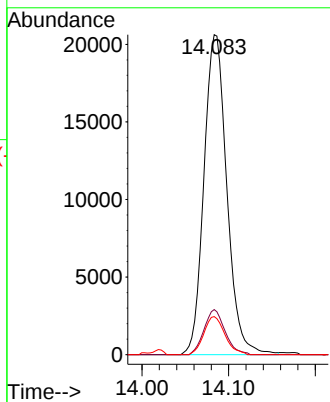
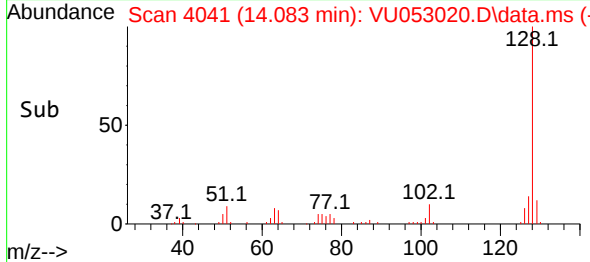
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS02



Tgt Ion:128 Resp: 3792
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#90
1,2,3-Trichlorobenzene
Concen: 1.552 ug/l
RT: 14.324 min Scan# 4116
Delta R.T. -0.002 min
Lab File: VU053020.D
Acq: 09 Feb 2023 15:55

Tgt Ion:180 Resp: 16280
Ion Ratio Lower Upper
180 100
182 95.4 77.8 116.6
145 34.4 25.2 37.8

