

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020923\
 Data File : VU053027.D
 Acq On : 09 Feb 2023 19:54
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Feb 10 01:24:11 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	33500	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	12800	1.149	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	11260	0.982	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	87037	7.677	ug/l	100
3) Chloromethane	1.521	50	86246	8.017	ug/l	98
4) Vinyl Chloride	1.605	62	100257	9.650	ug/l	99
5) Bromomethane	1.859	94	55793	10.335	ug/l	100
6) Chloroethane	1.936	64	59630	9.543	ug/l	98
7) Trichlorofluoromethane	2.135	101	160790	10.625	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	85752	10.364	ug/l	91
9) 1,1-Dichloroethene	2.576	96	79505	10.170	ug/l	91
10) Iodomethane	2.717	142	103044	11.909	ug/l	99
11) Allyl Chloride	2.916	41	107960	11.558	ug/l	97
12) Acrylonitrile	3.328	53	40389	24.369	ug/l	97
13) Acetone	2.659	43	69423	29.534	ug/l	97
14) Carbon Disulfide	2.788	76	231786	8.851	ug/l	100
15) Methylene Chloride	3.042	84	90630	9.599	ug/l	93
16) trans-1,2-Dichloroethene	3.344	96	87003	10.004	ug/l	92
17) 1,1-Dichloroethane	3.862	63	172825	11.768	ug/l	98
18) 2-Butanone	4.733	43	119683	43.824	ug/l	97
19) Cyclohexane	5.379	56	135209	10.469	ug/l	97
20) Methylcyclohexane	6.755	83	139405	9.675	ug/l	97
21) 2,2-Dichloropropane	4.659	77	148176	10.863	ug/l	98
22) cis-1,2-Dichloroethene	4.659	96	99311	10.925	ug/l	93
23) Diethyl Ether	2.373	59	68175	12.338	ug/l	99
24) tert-Butyl Alcohol	3.350	59	74441m	111.874	ug/l	
25) Methyl tert-Butyl Ether	3.363	73	226398	12.625	ug/l	99
26) Bromochloromethane	4.971	128	40362	9.511	ug/l	84
27) Chloroform	5.083	83	175362	11.139	ug/l	99
28) 1,1,1-Trichloroethane	5.309	97	155688	10.710	ug/l	98
29) 1,1-Dichloropropene	5.518	75	113121	9.229	ug/l	98
30) Carbon Tetrachloride	5.518	117	113249	8.585	ug/l	99
31) Isopropyl Ether	3.994	45	261826	12.402	ug/l	99
32) Ethyl-t-butyl ether	4.505	59	265684	13.480	ug/l	96
33) Tert-Amyl methyl ether	5.945	73	210462	12.075	ug/l	97
34) Propionitrile	4.817	54	39110	62.549	ug/l	# 96
35) Benzene	5.768	78	319563	8.986	ug/l	100
36) 1,2-Dichloroethane	5.791	62	96429	9.028	ug/l	98
37) Trichloroethene	6.537	130	78582	8.105	ug/l	88
38) 1,2-Dichloropropane	6.788	63	88517	9.811	ug/l	96
39) Methacrylonitrile	4.981	41	30553	12.233	ug/l	97
40) Methyl acrylate	4.852	55	59778	13.503	ug/l	98
41) Tetrahydrofuran	5.077	42	30721	24.730	ug/l	95
42) 1-Chlorobutane	5.450	56	156273	9.973	ug/l	98
43) Dibromomethane	6.916	93	43109	9.440	ug/l	# 85
44) Bromodichloromethane	7.103	83	115459	9.319	ug/l	98

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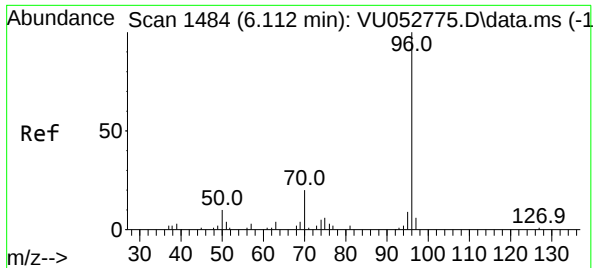
Manual Integrations
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 Supervised By :Mahesh Dadoda 02/10/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	254843	53.102	ug/l	97
46) t-1,4-Dichloro-2-butene	10.832	75	59928m	23.817	ug/l	
47) Methyl methacrylate	6.964	69	90633	22.325	ug/l	96
48) Ethyl methacrylate	8.334	69	93186	12.662	ug/l	96
49) Toluene	7.964	92	199522	9.240	ug/l	95
50) t-1,3-Dichloropropene	8.209	75	115067	10.649	ug/l	98
51) cis-1,3-Dichloropropene	7.604	75	135635	10.670	ug/l	98
52) 1,1,2-Trichloroethane	8.398	97	61087	9.406	ug/l	98
53) 1,3-Dichloropropane	8.572	76	107923	9.614	ug/l	98
54) 2-Hexanone	8.694	43	182435	43.453	ug/l	96
55) Dibromochloromethane	8.807	129	73677	8.674	ug/l	100
56) 1,2-Dibromoethane	8.923	107	57504	9.301	ug/l	98
58) Tetrachloroethene	8.550	164	60970	6.969	ug/l	91
59) Chlorobenzene	9.443	112	218615	9.303	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.530	131	75954	8.351	ug/l	96
61) Pentachloroethane	11.424	117	69189	9.286	ug/l	93
62) Hexachloroethane	12.472	117	74751	9.930	ug/l #	80
63) Ethyl Benzene	9.566	91	400089	10.510	ug/l	99
64) m/p-Xylenes	9.691	106	298297	19.655	ug/l	92
65) o-Xylene	10.096	106	148904	10.168	ug/l	92
66) Styrene	10.112	104	245490	8.750	ug/l	96
67) Bromoform	10.289	173	41422	8.264	ug/l	97
69) Isopropylbenzene	10.482	105	395720	10.619	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.781	83	88958	10.989	ug/l	95
71) 1,2,3-Trichloropropane	10.829	75	56669m	8.087	ug/l	
72) Bromobenzene	10.781	156	83140	8.784	ug/l	86
73) n-propylbenzene	10.903	120	106183	8.514	ug/l	91
74) 2-Chlorotoluene	10.984	126	90776	9.643	ug/l	90
75) 1,3,5-Trimethylbenzene	11.083	105	334644	8.797	ug/l	94
76) 4-Chlorotoluene	11.093	126	91491	9.471	ug/l	89
77) tert-Butylbenzene	11.418	119	329040	10.154	ug/l	94
78) 1,2,4-Trimethylbenzene	11.463	105	338883	8.714	ug/l	94
79) sec-Butylbenzene	11.640	105	441182	8.831	ug/l	96
80) Nitrobenzene	13.205	77	26831	53.545	ug/l #	94
81) p-Isopropyltoluene	11.791	119	350493	8.130	ug/l	97
82) 1,3-Dichlorobenzene	11.742	146	170700	8.834	ug/l	96
83) 1,4-Dichlorobenzene	11.832	146	168913	8.707	ug/l	96
84) n-Butylbenzene	12.205	91	344326	9.039	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	163232	8.951	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.993	75	15516	10.347	ug/l	87
87) 1,2,4-Trichlorobenzene	13.836	180	104634	9.566	ug/l	97
88) Hexachlorobutadiene	14.019	225	52903	6.901	ug/l	99
89) Naphthalene	14.083	128	219520	10.352	ug/l	99
90) 1,2,3-Trichlorobenzene	14.328	180	93210	8.978	ug/l	98

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



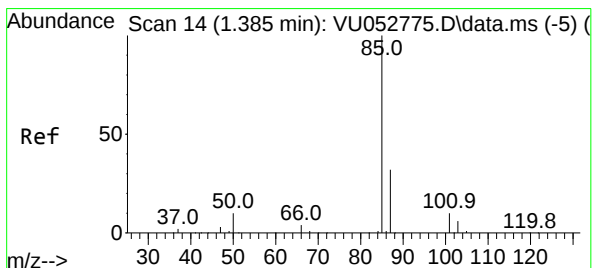
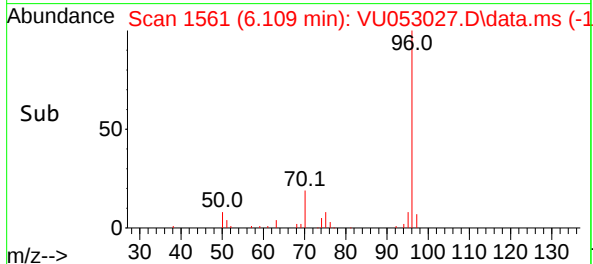
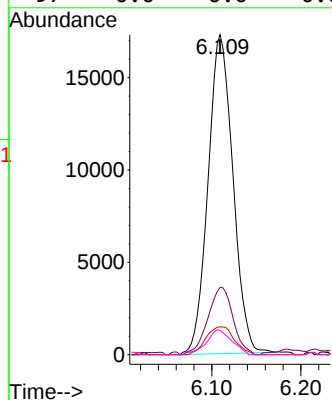
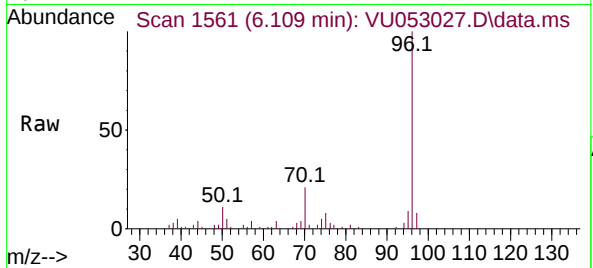
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.109 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

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ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96	Resp: 33500
Ion Ratio	Lower Upper
96 100	
70 21.3	16.2 24.4
95 10.0	7.4 11.0
97 0.0	0.0 0.0

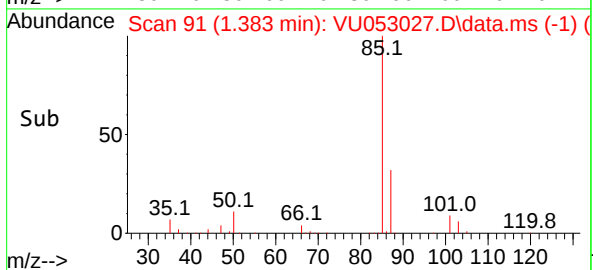
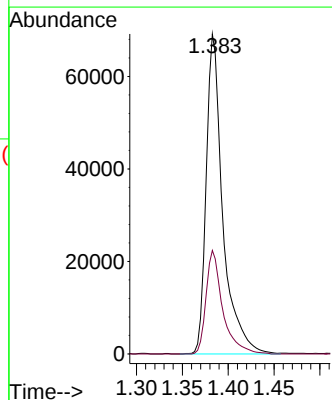
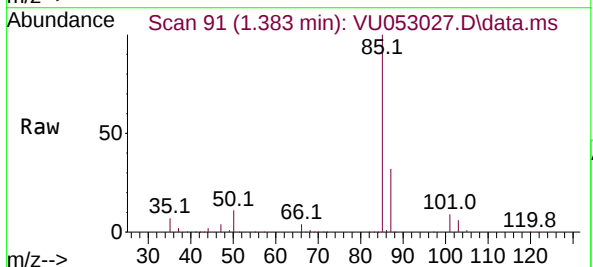
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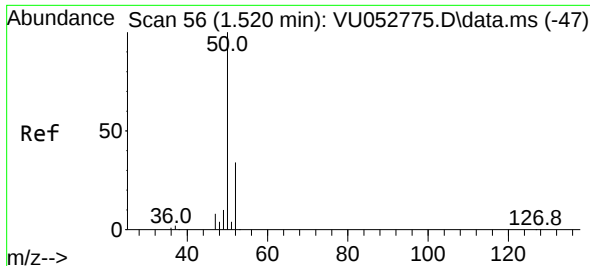
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#2
Dichlorodifluoromethane
Concen: 7.677 ug/l
RT: 1.383 min Scan# 91
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

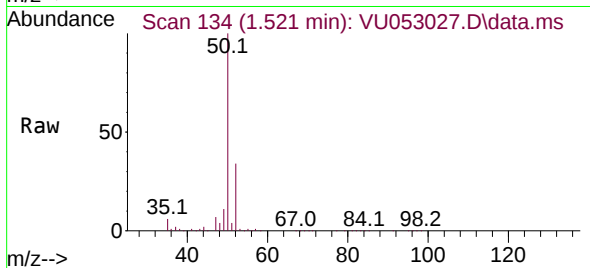
Tgt Ion: 85	Resp: 87037
Ion Ratio	Lower Upper
85 100	
87 32.3	16.1 48.2





#3
Chloromethane
Concen: 8.017 ug/l
RT: 1.521 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

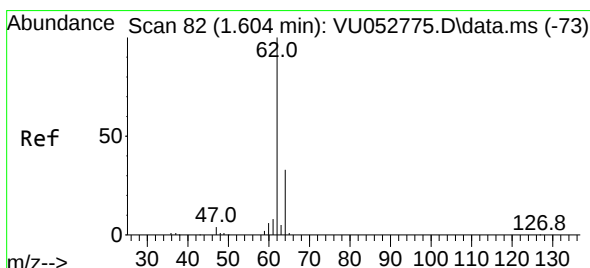
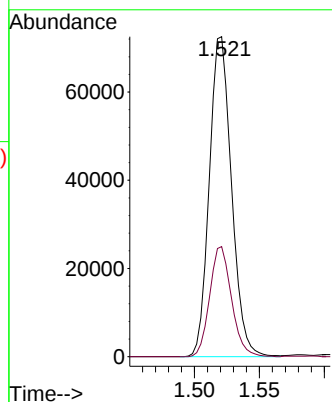
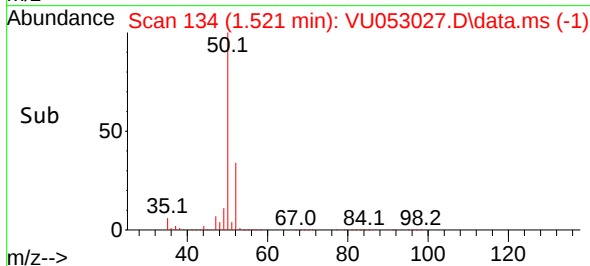
Instrument :
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Tgt Ion: 50 Resp: 86240
Ion Ratio Lower Upper
50 100
52 34.4 26.8 40.2

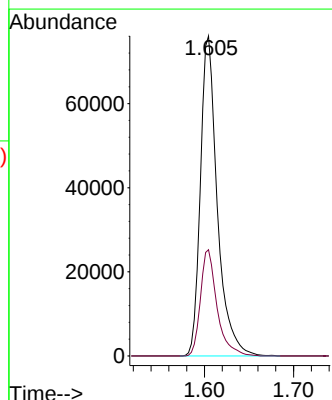
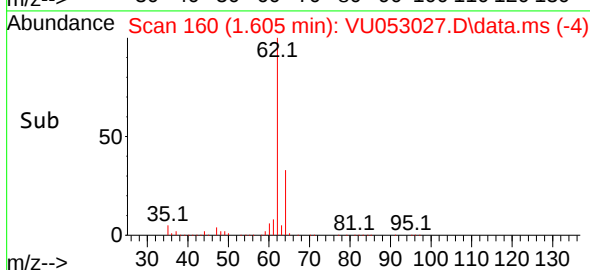
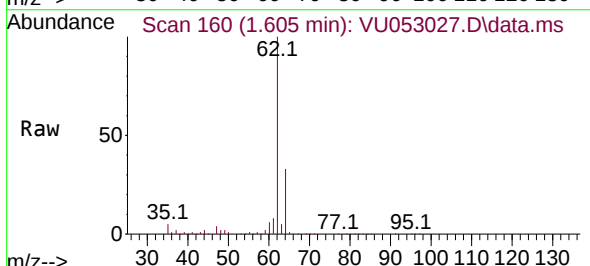
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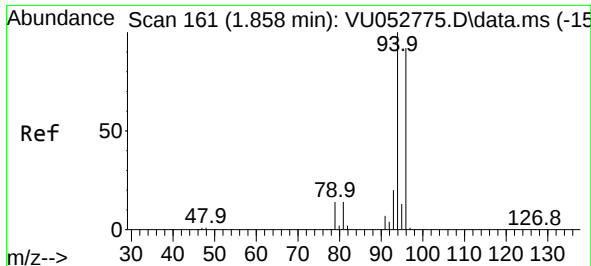
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#4
Vinyl Chloride
Concen: 9.650 ug/l
RT: 1.605 min Scan# 160
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Tgt Ion: 62 Resp: 100257
Ion Ratio Lower Upper
62 100
64 33.2 26.0 39.0





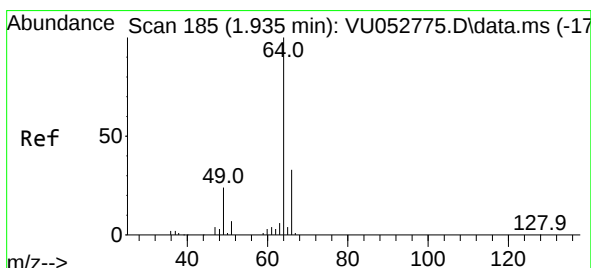
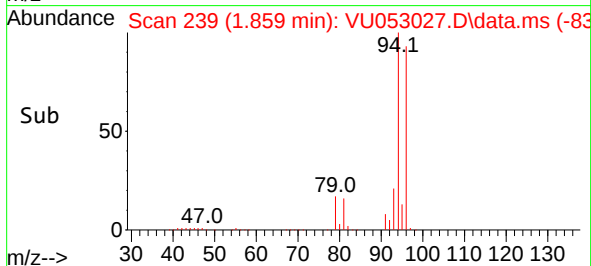
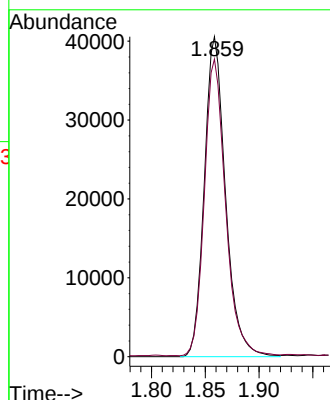
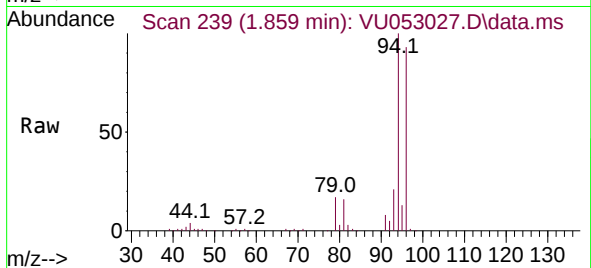
#5
Bromomethane
Concen: 10.335 ug/l
RT: 1.859 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

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ClientSampleId :
VSTDCCC010EC

Tgt Ion: 94 Resp: 5579
Ion Ratio Lower Upper
94 100
96 92.7 73.8 110.6

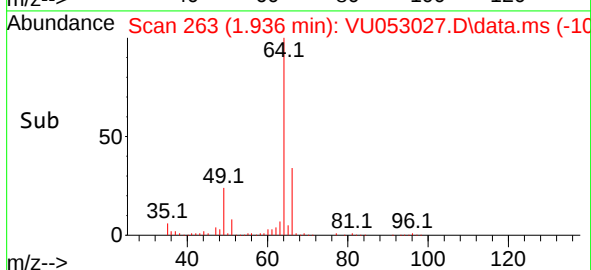
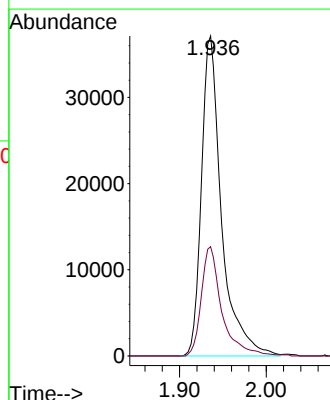
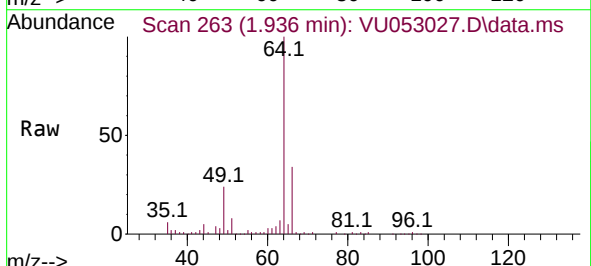
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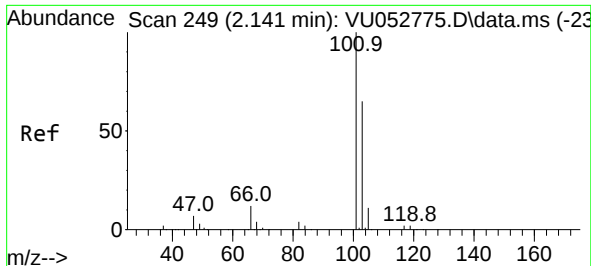
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#6
Chloroethane
Concen: 9.543 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

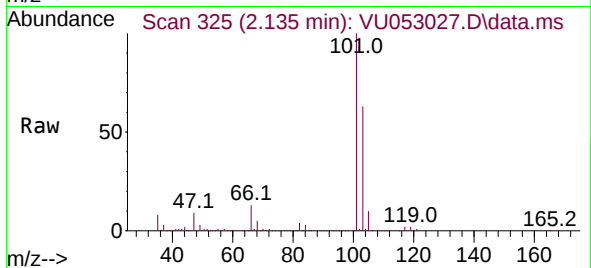
Tgt Ion: 64 Resp: 59630
Ion Ratio Lower Upper
64 100
66 34.2 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 10.625 ug/l
 RT: 2.135 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VU053027.D
 Acq: 09 Feb 2023 19:54

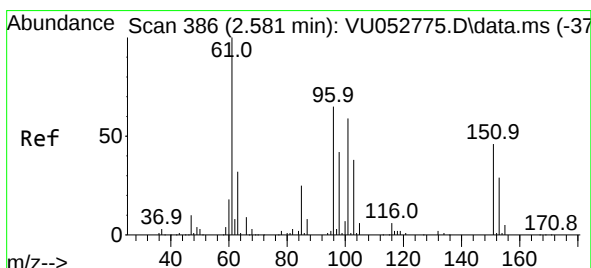
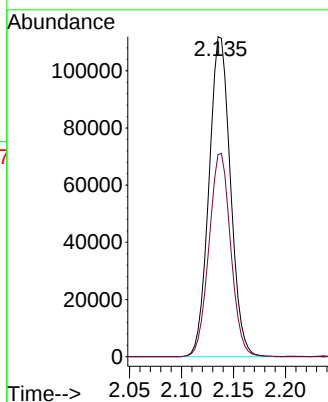
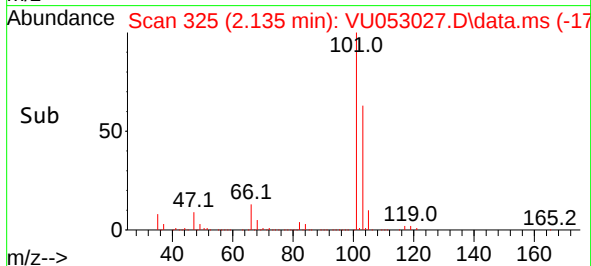
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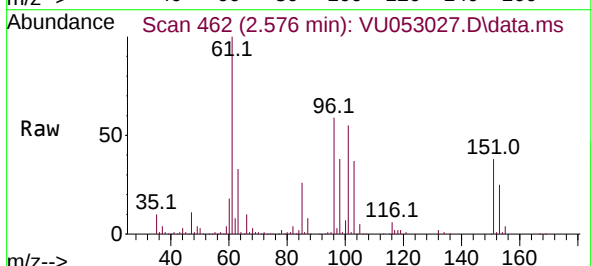
Tgt Ion:101 Resp: 160790
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.6 77.4

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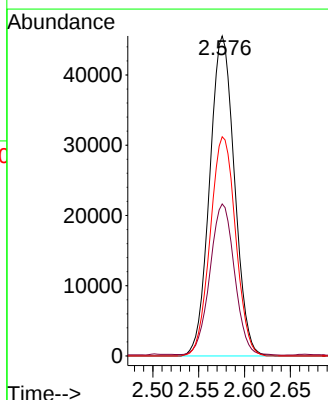
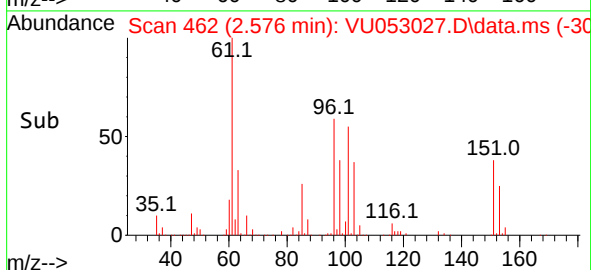
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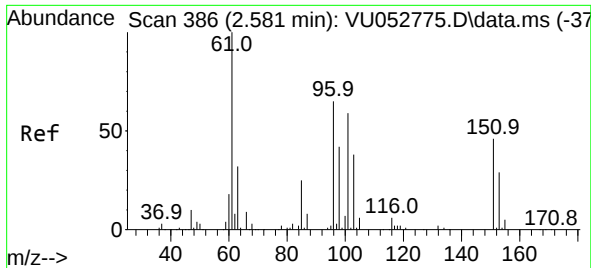


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.364 ug/l
 RT: 2.576 min Scan# 462
 Delta R.T. -0.006 min
 Lab File: VU053027.D
 Acq: 09 Feb 2023 19:54



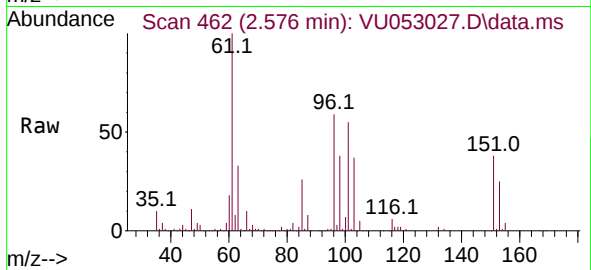
Tgt Ion:101 Resp: 85752
 Ion Ratio Lower Upper
 101 100
 85 46.6 34.1 51.1
 151 70.2 63.0 94.4





#9
1,1-Dichloroethene
Concen: 10.170 ug/l
RT: 2.576 min Scan# 40
Delta R.T. -0.006 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

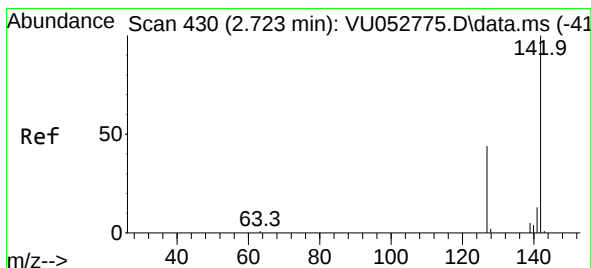
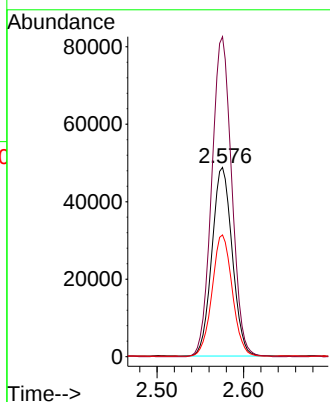
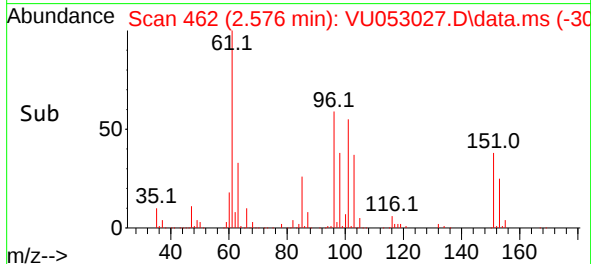
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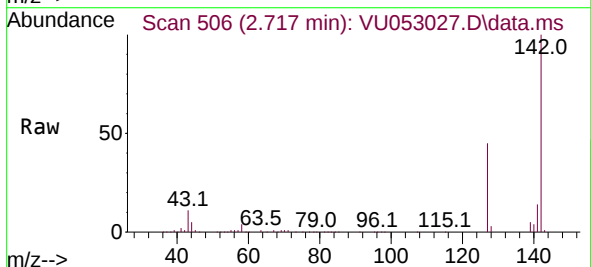
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Ion Ratio Lower Upper
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Manual Integrations
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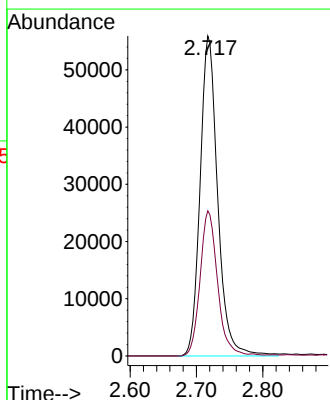
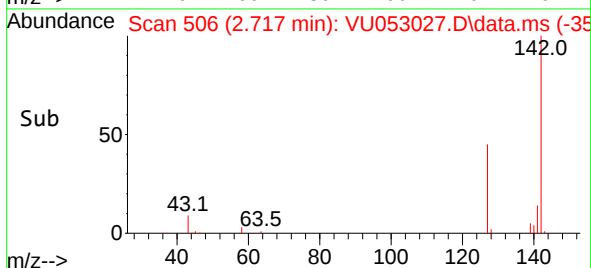
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

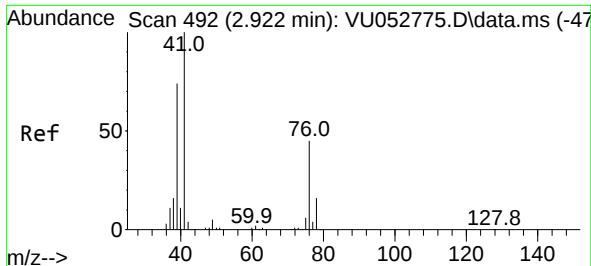


#10
Iodomethane
Concen: 11.909 ug/l
RT: 2.717 min Scan# 506
Delta R.T. -0.006 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54



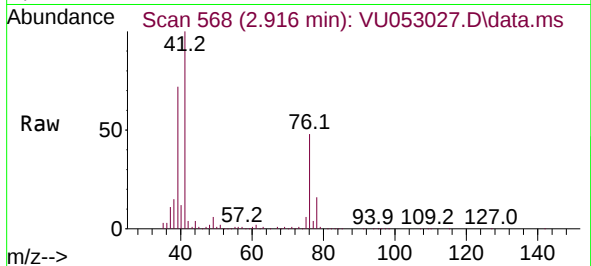
Tgt Ion:142 Resp: 103044
Ion Ratio Lower Upper
142 100
127 44.9 35.4 53.0





#11
 Allyl Chloride
 Concen: 11.558 ug/l
 RT: 2.916 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VU053027.D
 Acq: 09 Feb 2023 19:54

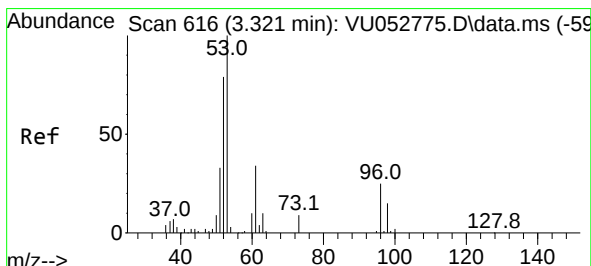
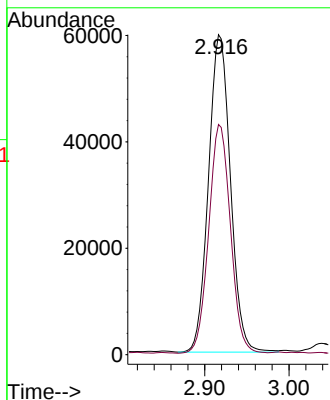
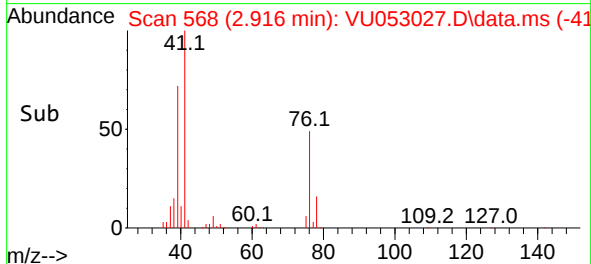
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 107960
 Ion Ratio Lower Upper
 41 100
 39 71.2 59.3 88.9

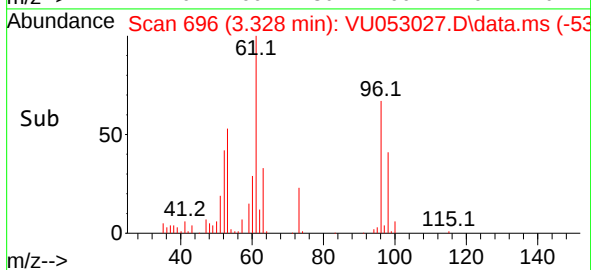
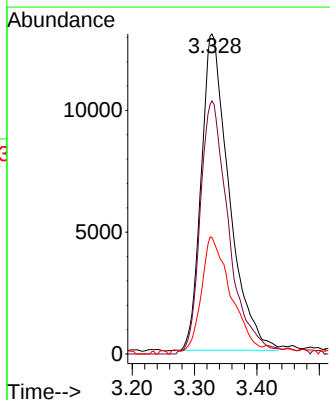
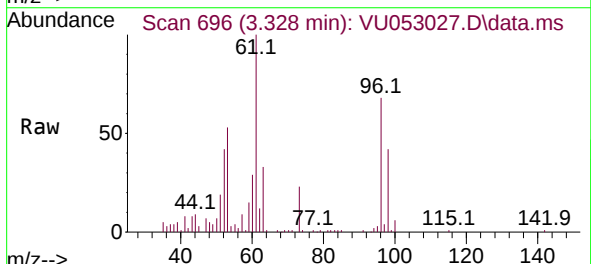
Manual Integrations
 APPROVED

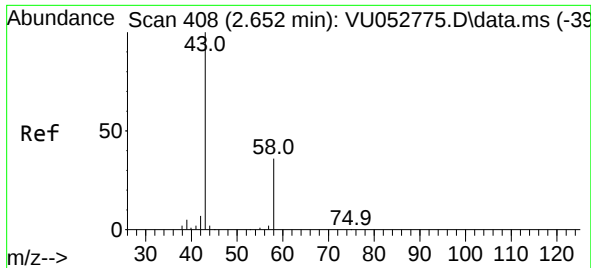
Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023



#12
 Acrylonitrile
 Concen: 24.369 ug/l
 RT: 3.328 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VU053027.D
 Acq: 09 Feb 2023 19:54

Tgt Ion: 53 Resp: 40389
 Ion Ratio Lower Upper
 53 100
 52 81.8 63.0 94.4
 51 37.2 31.3 46.9





#13

Acetone

Concen: 29.534 ug/l

RT: 2.659 min Scan# 41

Delta R.T. 0.007 min

Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 6942

Ion Ratio Lower Upper

43 100

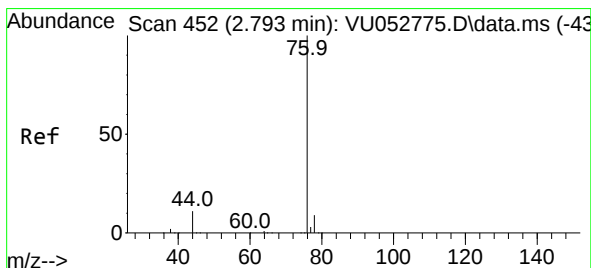
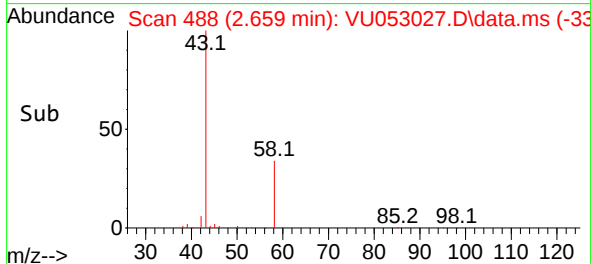
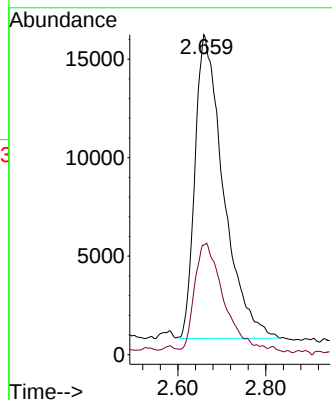
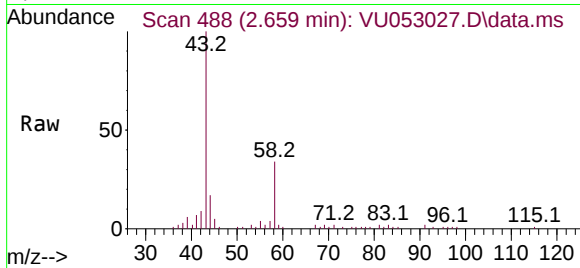
58 34.7 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#14

Carbon Disulfide

Concen: 8.851 ug/l

RT: 2.788 min Scan# 528

Delta R.T. -0.006 min

Lab File: VU053027.D

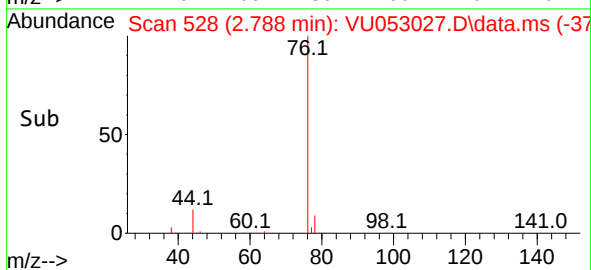
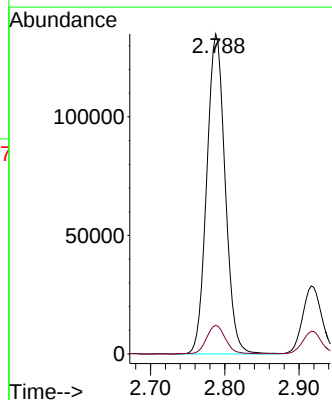
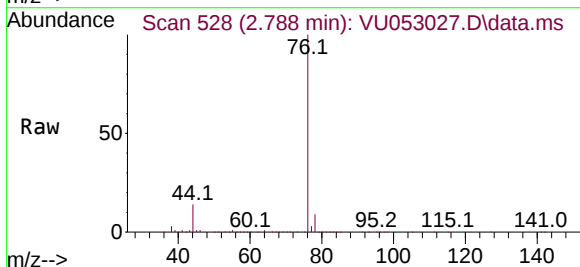
Acq: 09 Feb 2023 19:54

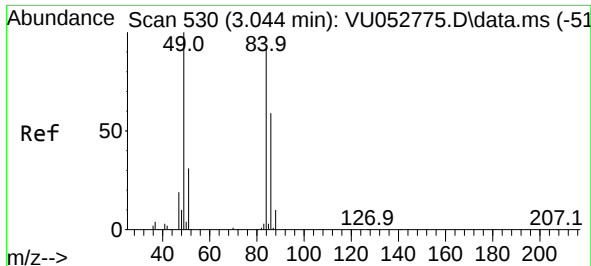
Tgt Ion: 76 Resp: 231786

Ion Ratio Lower Upper

76 100

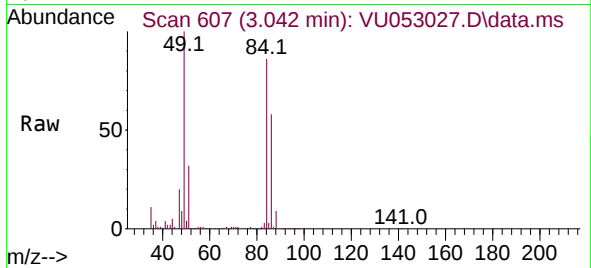
78 8.8 7.1 10.7





#15
Methylene Chloride
Concen: 9.599 ug/l
RT: 3.042 min Scan# 601
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

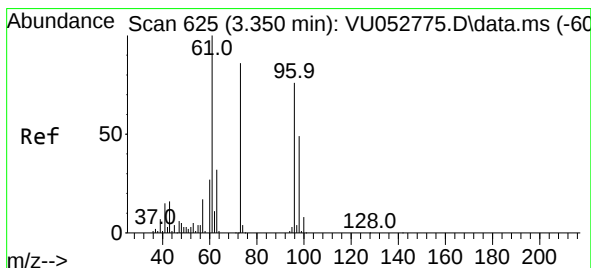
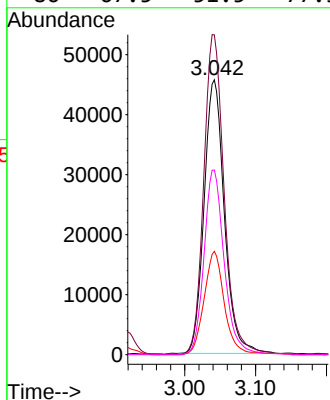
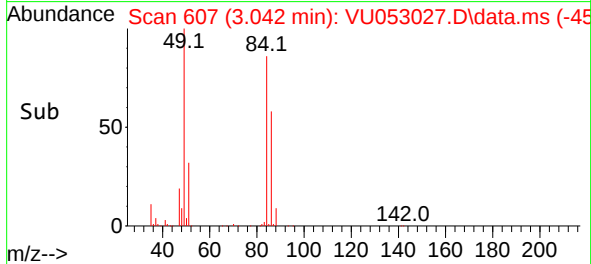
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 84	Resp: 90630
Ion Ratio	Lower Upper
84 100	
49 116.9	86.7 130.1
51 37.5	0.0 66.8
86 67.5	51.5 77.3

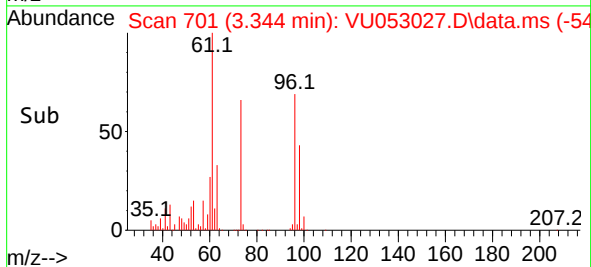
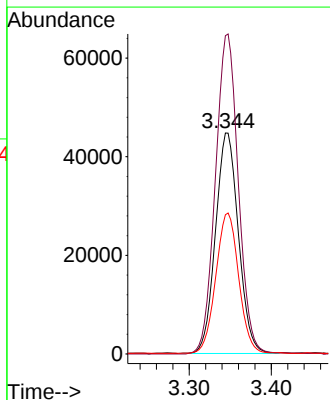
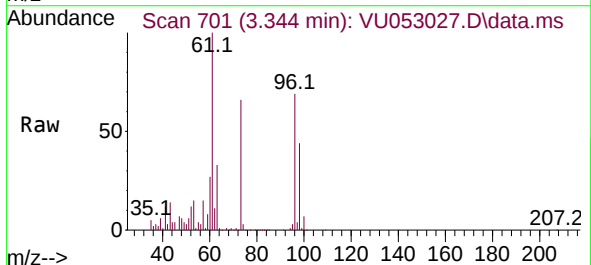
Manual Integrations
APPROVED

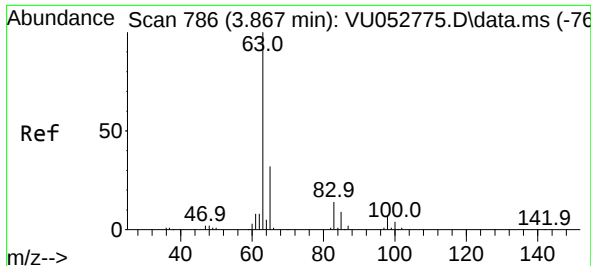
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#16
trans-1,2-Dichloroethene
Concen: 10.004 ug/l
RT: 3.344 min Scan# 701
Delta R.T. -0.006 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

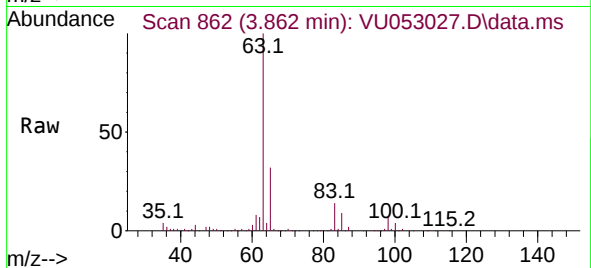
Tgt Ion: 96	Resp: 87003
Ion Ratio	Lower Upper
96 100	
61 144.3	105.7 158.5
98 62.8	51.4 77.2





#17
1,1-Dichloroethane
Concen: 11.768 ug/l
RT: 3.862 min Scan# 80
Delta R.T. -0.006 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

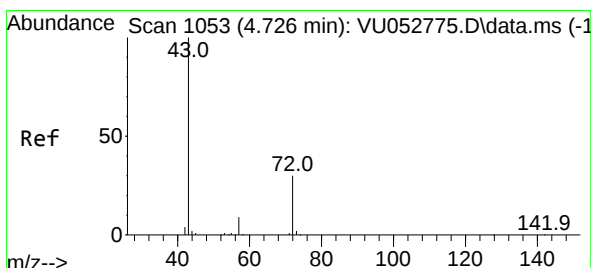
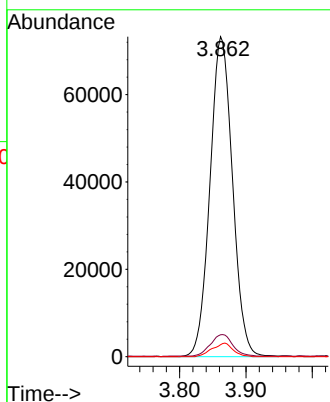
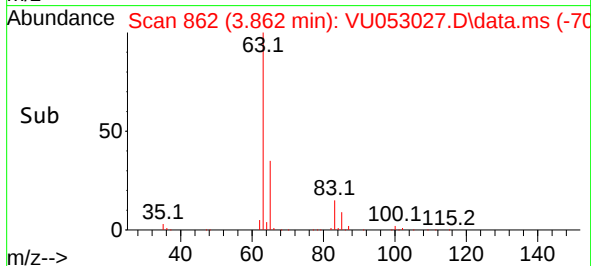
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 63 Resp: 172825
Ion Ratio Lower Upper
63 100
98 6.8 3.8 11.2
100 3.7 2.2 6.6

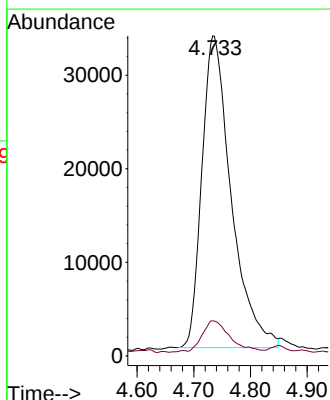
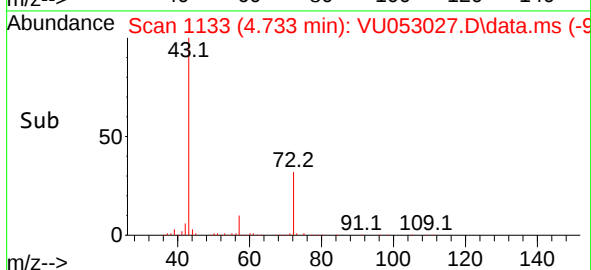
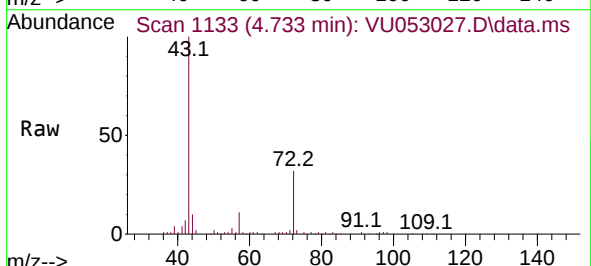
Manual Integrations
APPROVED

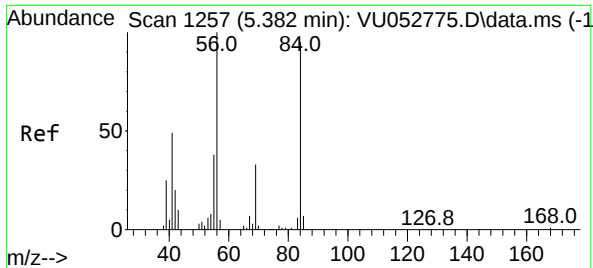
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#18
2-Butanone
Concen: 43.824 ug/l
RT: 4.733 min Scan# 1133
Delta R.T. 0.007 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

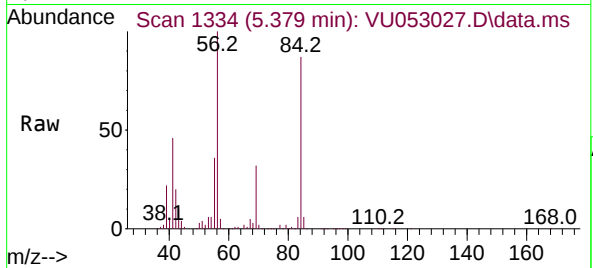
Tgt Ion: 43 Resp: 119683
Ion Ratio Lower Upper
43 100
57 9.9 0.0 17.4





#19
Cyclohexane
Concen: 10.469 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

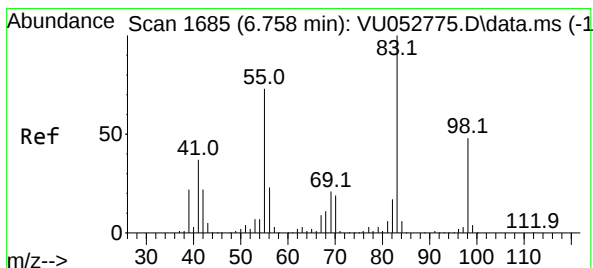
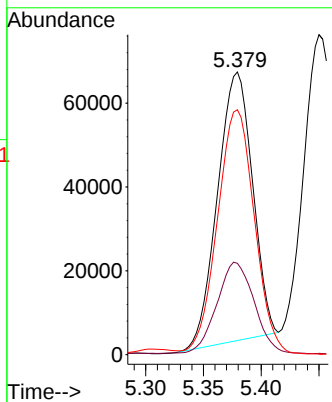
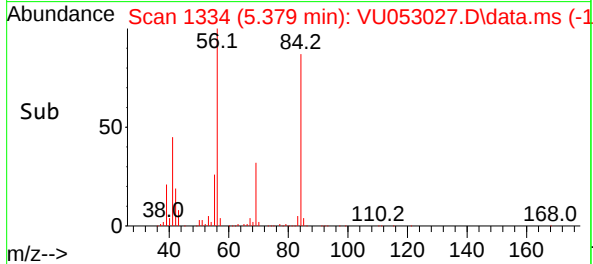
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



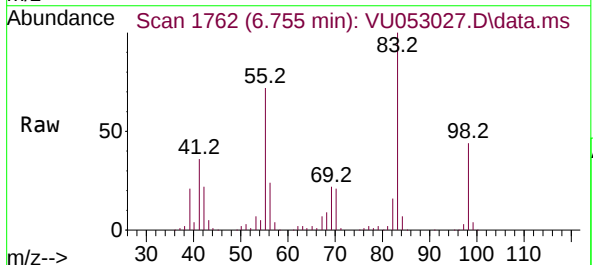
Tgt Ion: 56 Resp: 135209
Ion Ratio Lower Upper
56 100
69 36.1 26.8 40.2
84 94.3 77.0 115.6

Manual Integrations
APPROVED

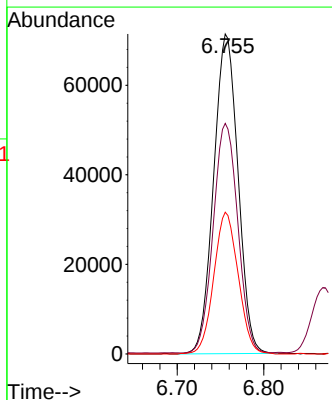
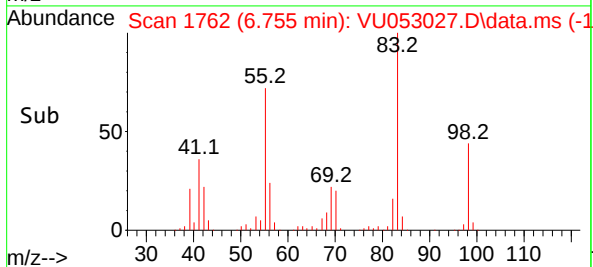
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

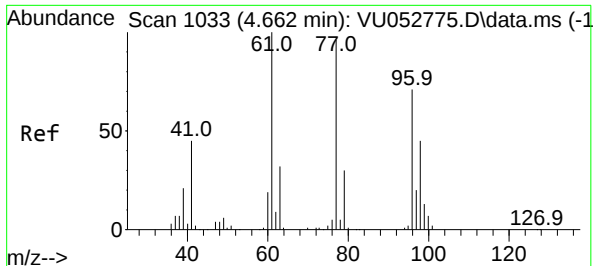


#20
Methylcyclohexane
Concen: 9.675 ug/l
RT: 6.755 min Scan# 1762
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54



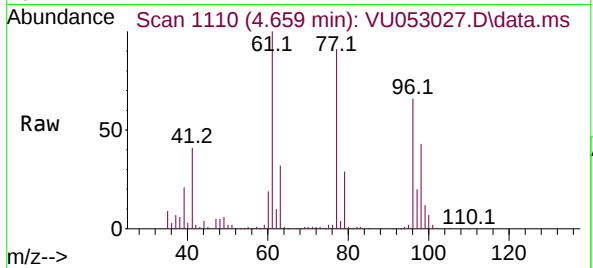
Tgt Ion: 83 Resp: 139405
Ion Ratio Lower Upper
83 100
55 72.5 58.7 88.1
98 44.4 39.4 59.2





#21
2,2-Dichloropropane
Concen: 10.863 ug/l
RT: 4.659 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

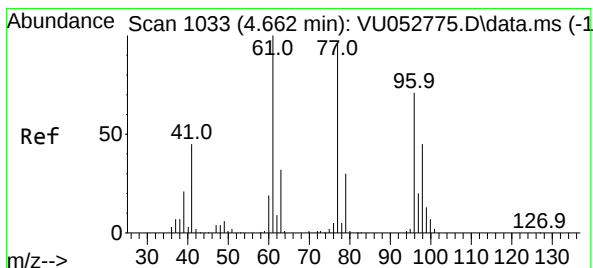
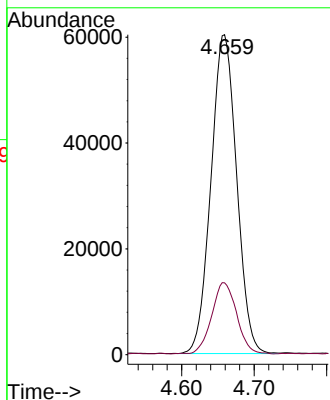
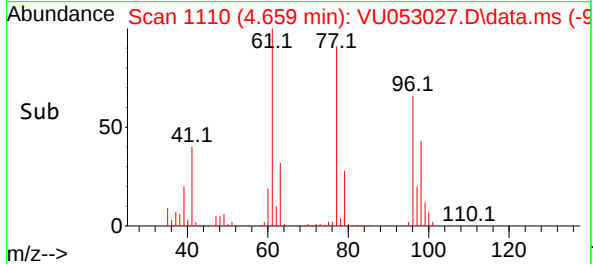
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 77 Resp: 148170
Ion Ratio Lower Upper
77 100
97 21.7 16.8 25.2

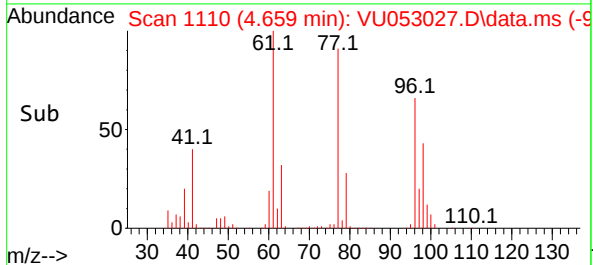
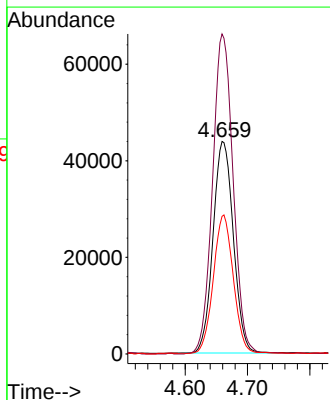
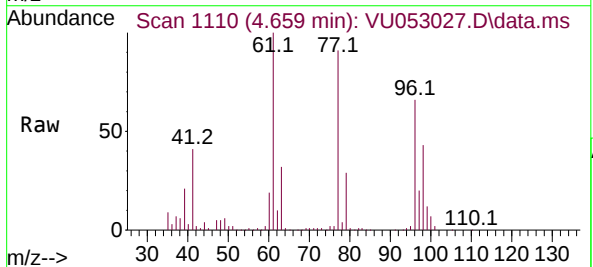
Manual Integrations
APPROVED

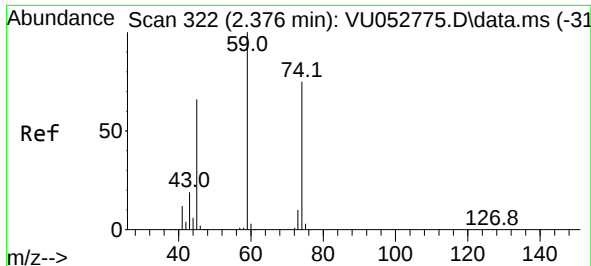
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#22
cis-1,2-Dichloroethene
Concen: 10.925 ug/l
RT: 4.659 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

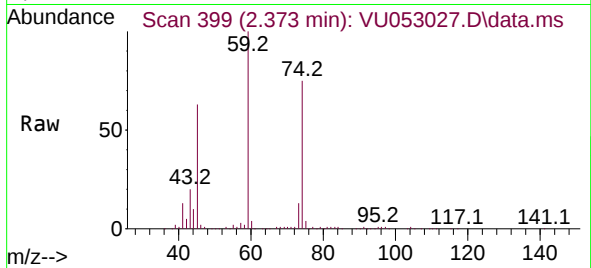
Tgt Ion: 96 Resp: 99311
Ion Ratio Lower Upper
96 100
61 152.8 0.0 353.3
98 63.9 32.6 97.7





#23
Diethyl Ether
Concen: 12.338 ug/l
RT: 2.373 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

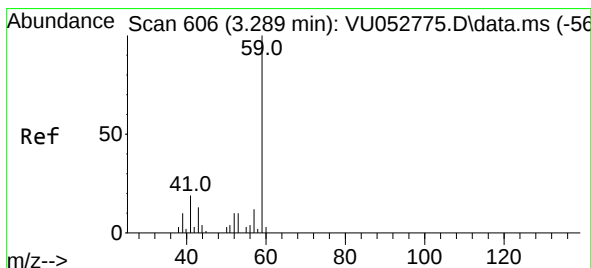
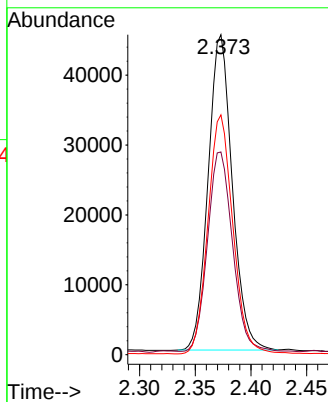
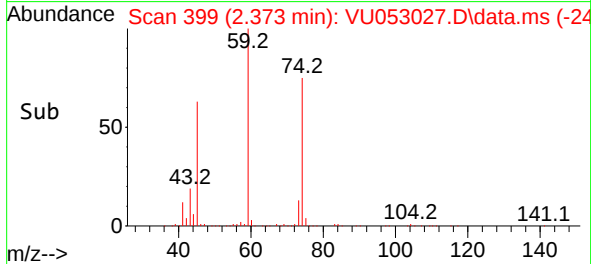
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 6817
Ion Ratio Lower Upper
59 100
45 65.7 52.1 78.1
74 78.4 61.6 92.4

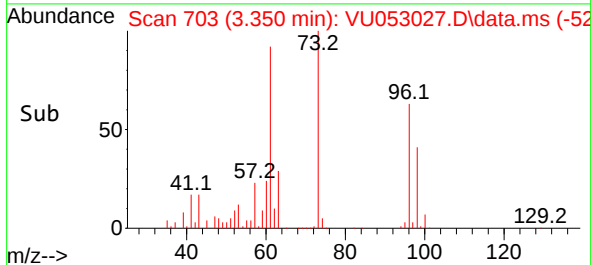
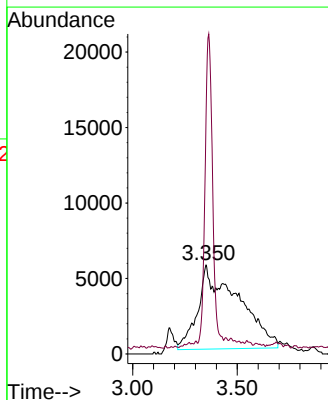
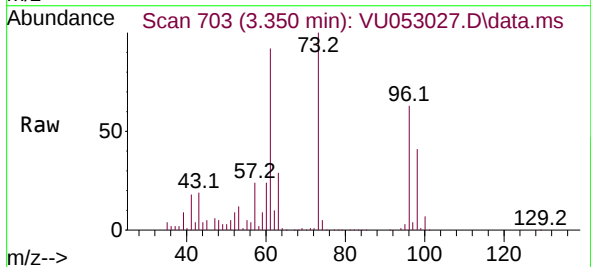
Manual Integrations
APPROVED

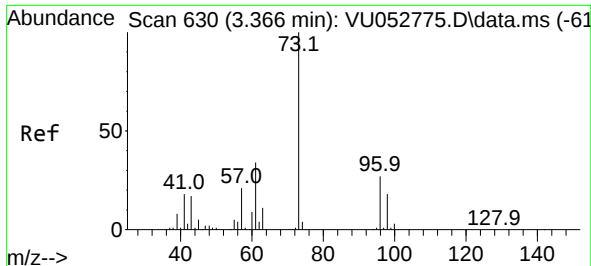
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#24
tert-Butyl Alcohol
Concen: 111.874 ug/l m
RT: 3.350 min Scan# 703
Delta R.T. 0.062 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Tgt Ion: 59 Resp: 74441
Ion Ratio Lower Upper
59 100
57 0.0 45.8 68.8#





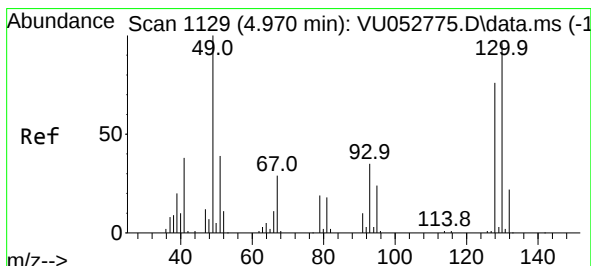
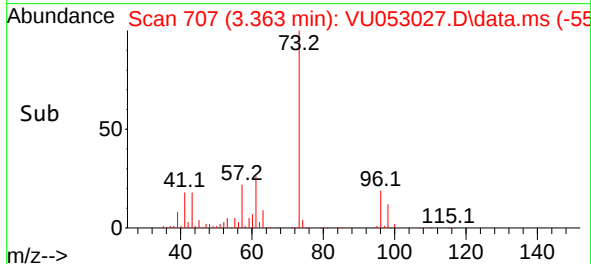
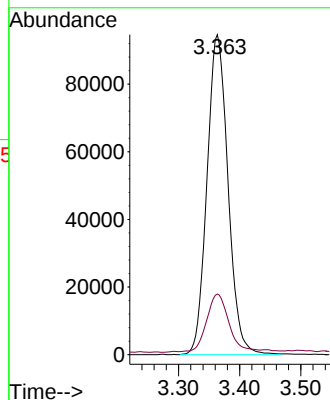
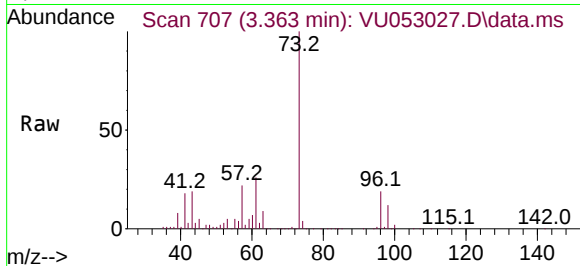
#25
Methyl tert-Butyl Ether
Concen: 12.625 ug/l
RT: 3.363 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 73 Resp: 226398
Ion Ratio Lower Upper
73 100
43 18.8 15.3 22.9

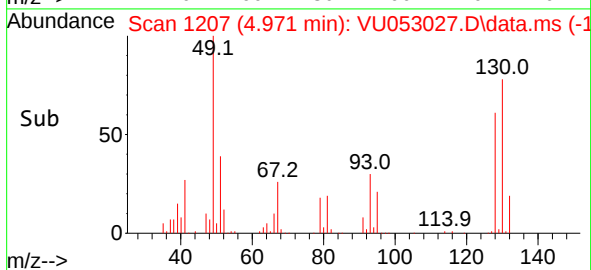
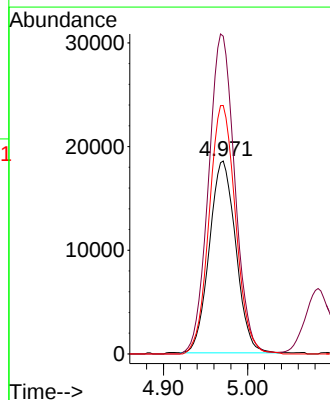
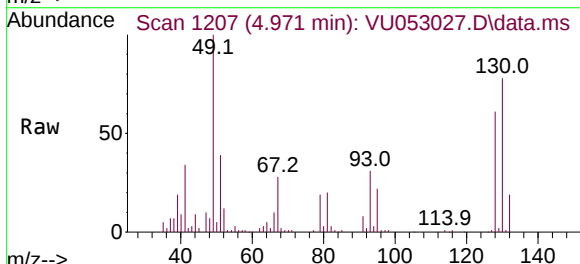
Manual Integrations
APPROVED

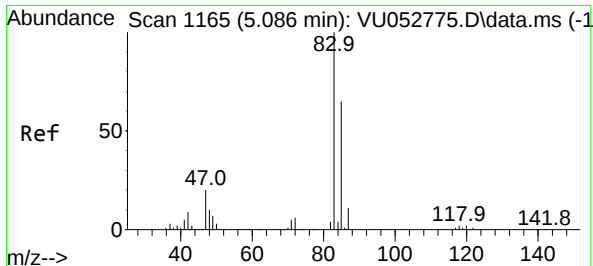
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#26
Bromochloromethane
Concen: 9.511 ug/l
RT: 4.971 min Scan# 1207
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Tgt Ion:128 Resp: 40362
Ion Ratio Lower Upper
128 100
49 166.0 0.0 265.0
130 129.4 100.7 151.1





#27

Chloroform

Concen: 11.139 ug/l

RT: 5.083 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 175362

Ion Ratio Lower Upper

83 100

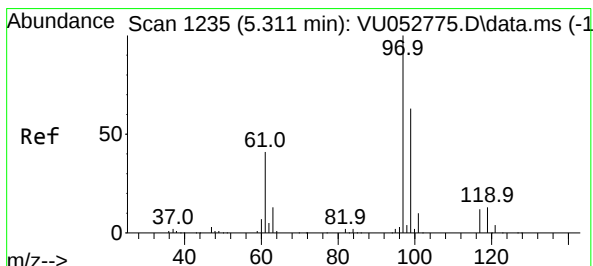
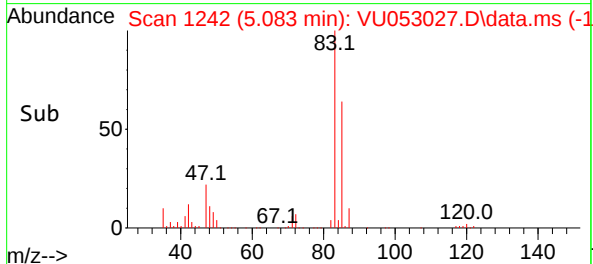
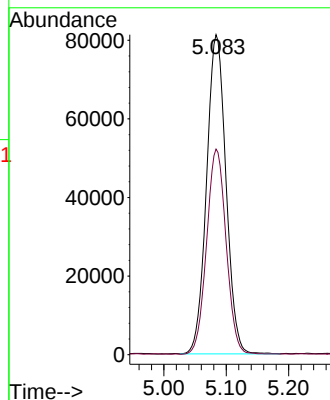
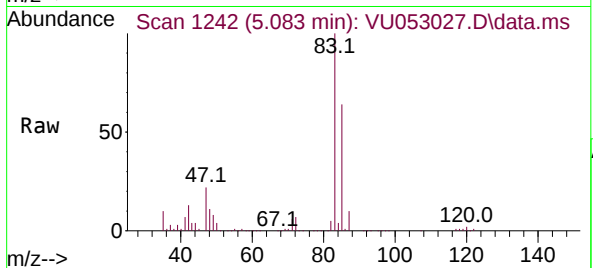
85 64.3 0.0 130.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#28

1,1,1-Trichloroethane

Concen: 10.710 ug/l

RT: 5.309 min Scan# 1312

Delta R.T. -0.003 min

Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

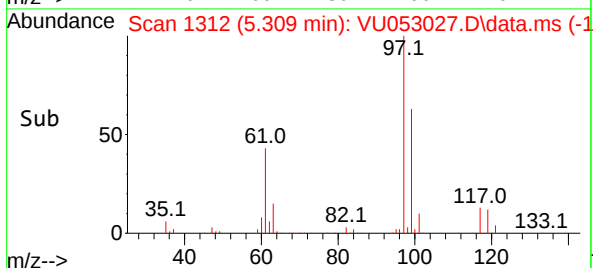
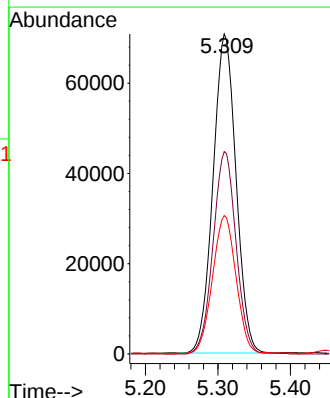
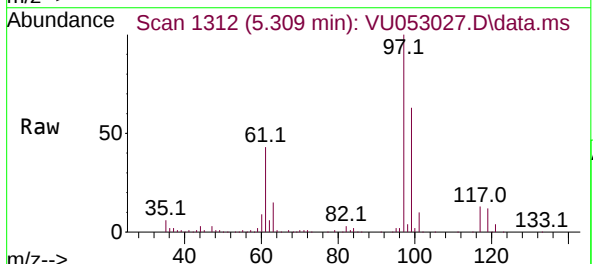
Tgt Ion: 97 Resp: 155688

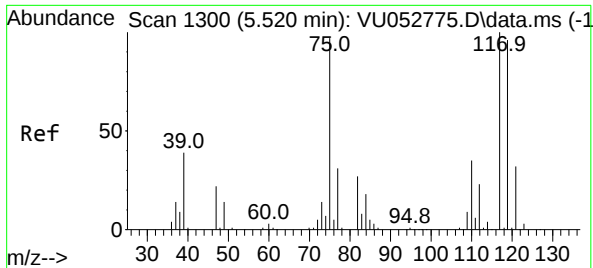
Ion Ratio Lower Upper

97 100

99 63.6 31.9 95.5

61 44.6 20.8 62.2





#29

1,1-Dichloropropene

Concen: 9.229 ug/l

RT: 5.518 min Scan# 11312

Delta R.T. -0.003 min

Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 11312

Ion Ratio Lower Upper

75 100

110 32.8 17.4 52.2

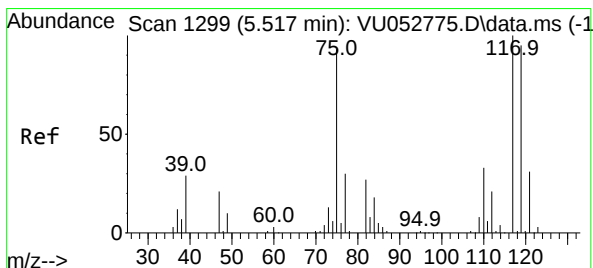
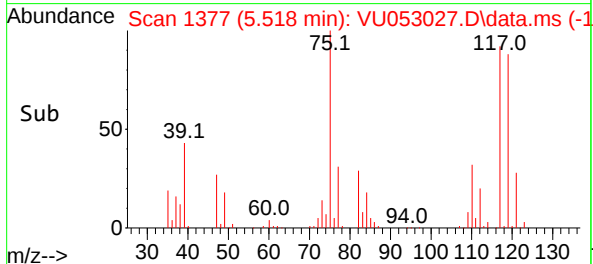
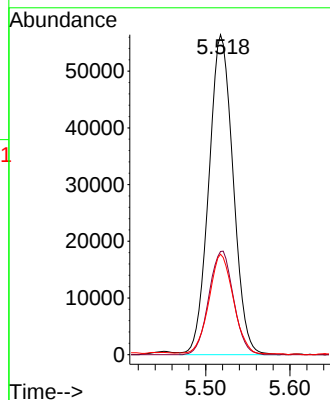
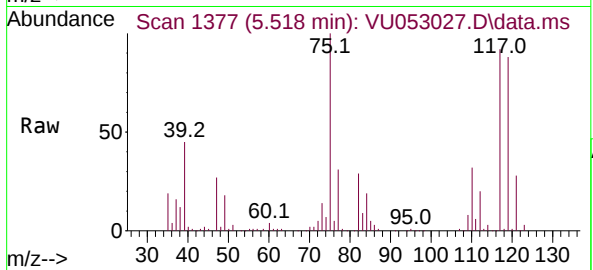
77 31.1 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#30

Carbon Tetrachloride

Concen: 8.585 ug/l

RT: 5.518 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

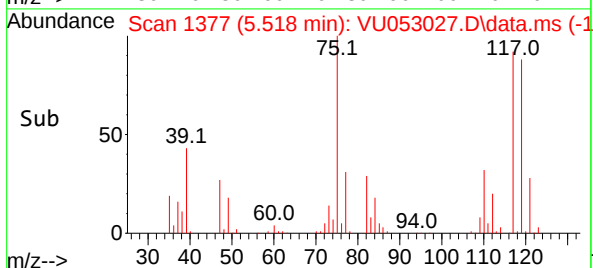
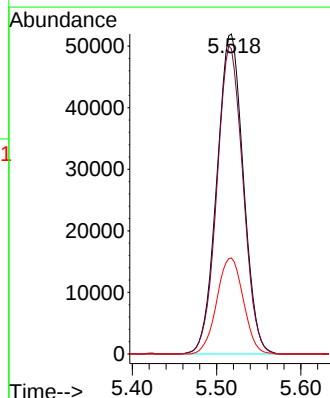
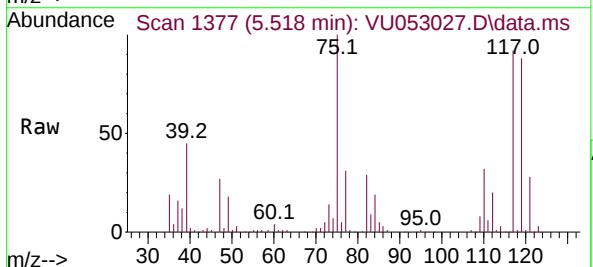
Tgt Ion:117 Resp: 113249

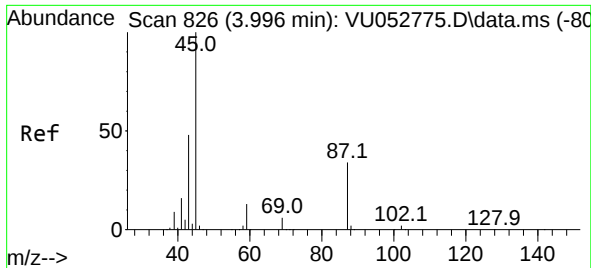
Ion Ratio Lower Upper

117 100

119 95.3 76.4 114.6

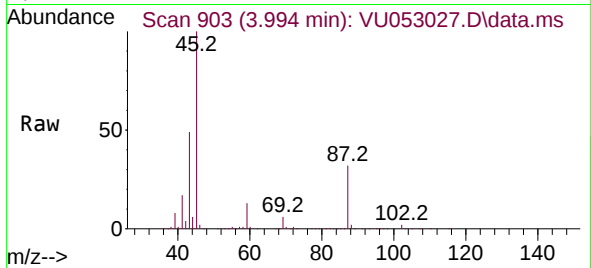
121 30.0 25.0 37.6





#31
Isopropyl Ether
Concen: 12.402 ug/l
RT: 3.994 min Scan# 90
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

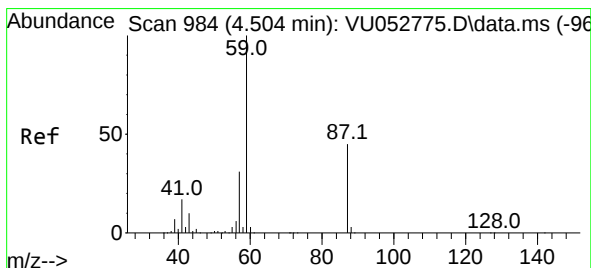
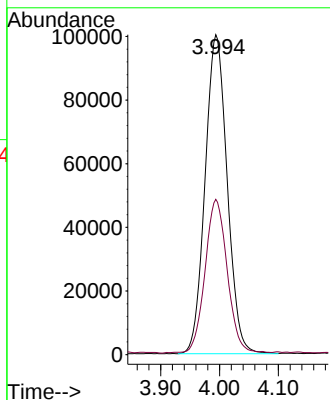
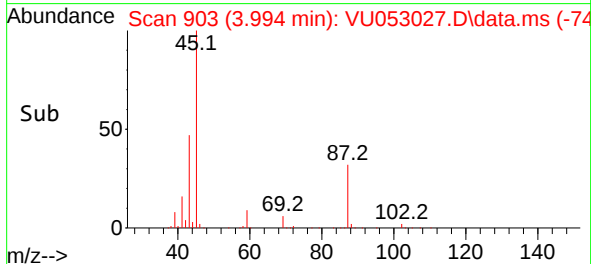
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



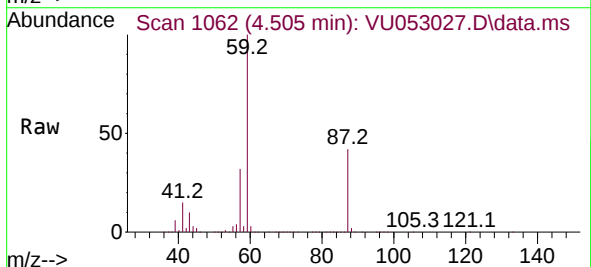
Tgt Ion: 45 Resp: 261820
Ion Ratio Lower Upper
45 100
43 48.3 24.5 73.5

Manual Integrations
APPROVED

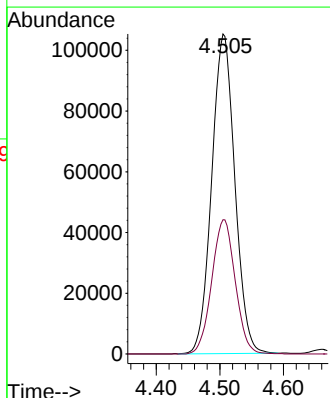
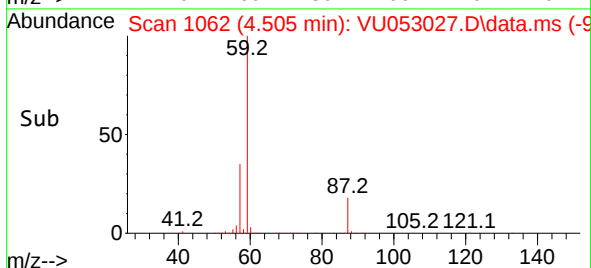
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

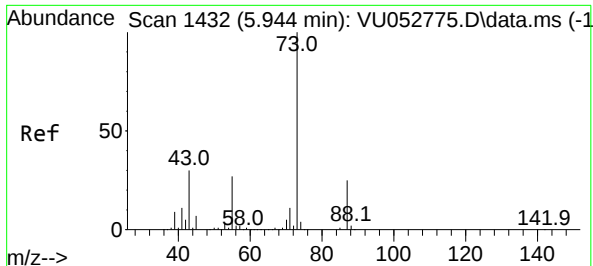


#32
Ethyl-t-butyl ether
Concen: 13.480 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54



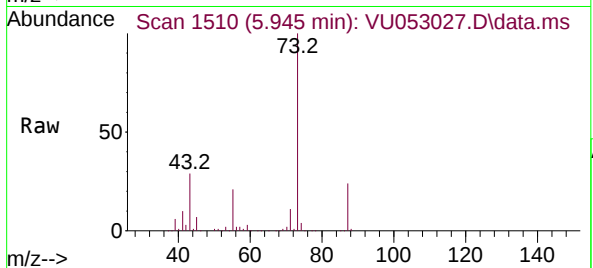
Tgt Ion: 59 Resp: 265684
Ion Ratio Lower Upper
59 100
87 42.7 36.2 54.2





#33
Tert-Amyl methyl ether
Concen: 12.075 ug/l
RT: 5.945 min Scan# 1159
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

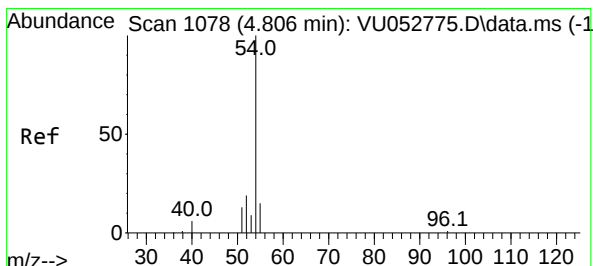
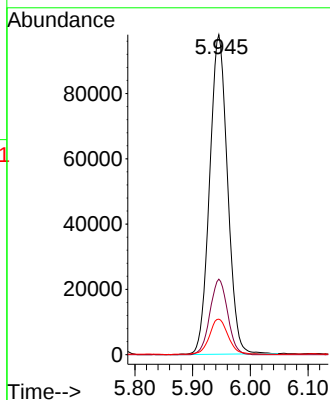
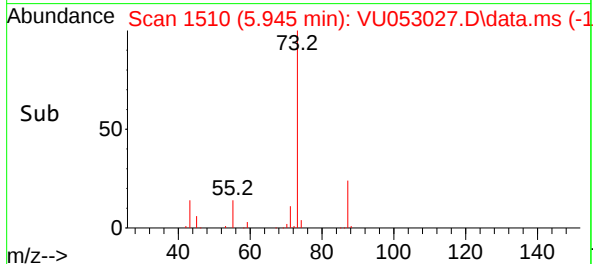
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 21046
Ion Ratio Lower Upper
73 100
87 23.3 20.1 30.1
71 11.1 9.2 13.8

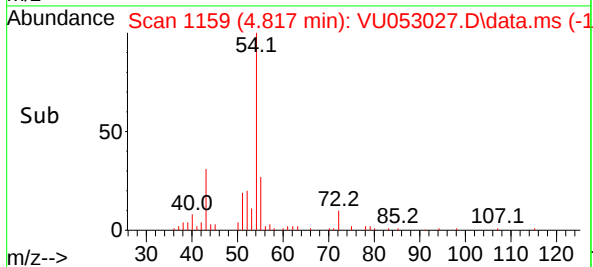
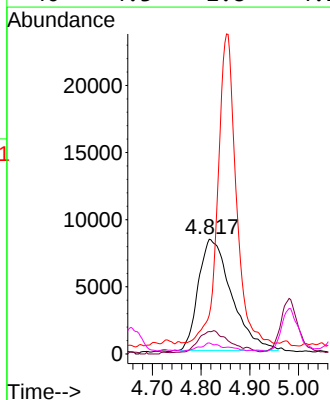
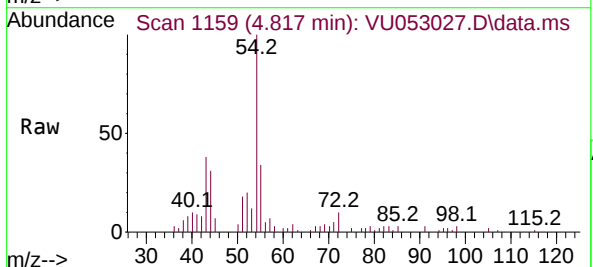
Manual Integrations
APPROVED

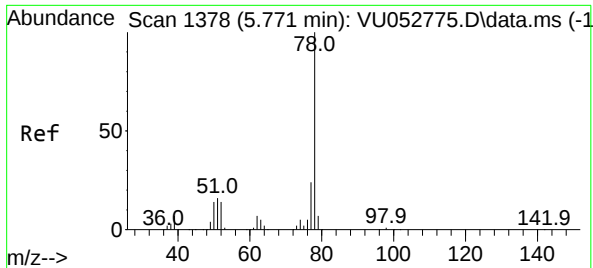
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#34
Propionitrile
Concen: 62.549 ug/l
RT: 4.817 min Scan# 1159
Delta R.T. 0.010 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Tgt Ion: 54 Resp: 39110
Ion Ratio Lower Upper
54 100
52 16.2 16.9 25.3#
55 152.8 118.6 178.0
40 4.3 2.8 4.2#





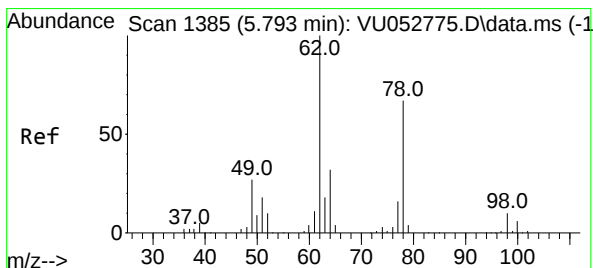
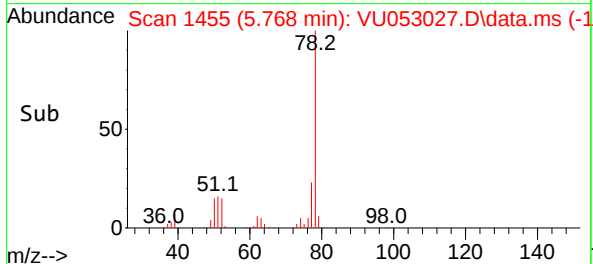
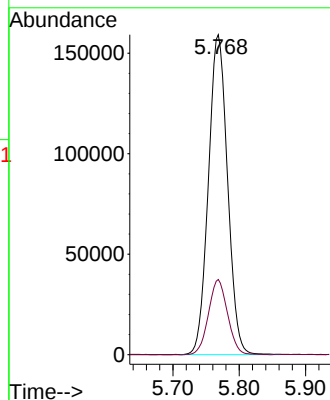
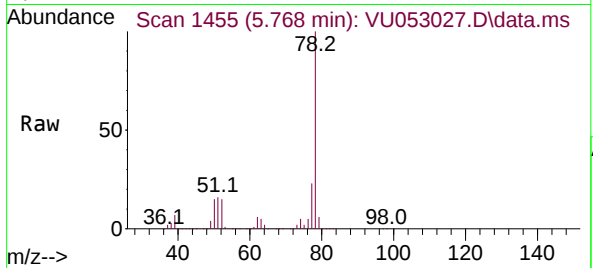
#35
Benzene
Concen: 8.986 ug/l
RT: 5.768 min Scan# 1455
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 31956
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

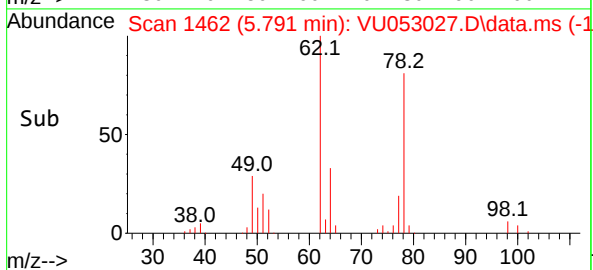
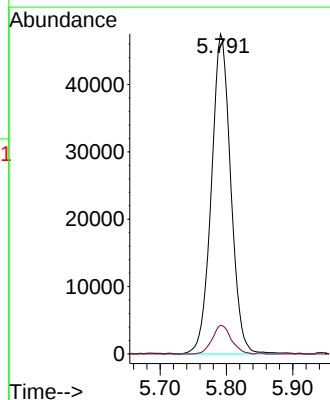
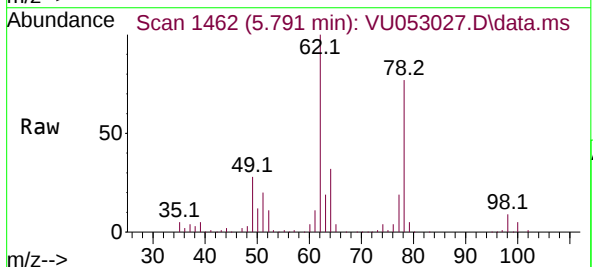
Manual Integrations
APPROVED

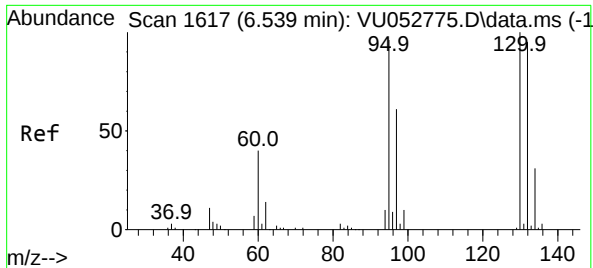
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#36
1,2-Dichloroethane
Concen: 9.028 ug/l
RT: 5.791 min Scan# 1462
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

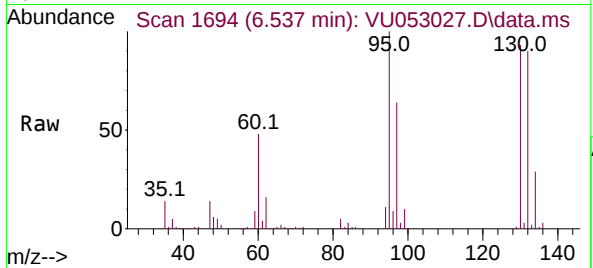
Tgt Ion: 62 Resp: 96429
Ion Ratio Lower Upper
62 100
98 8.8 7.5 11.3





#37
Trichloroethene
Concen: 8.105 ug/l
RT: 6.537 min Scan# 1772
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

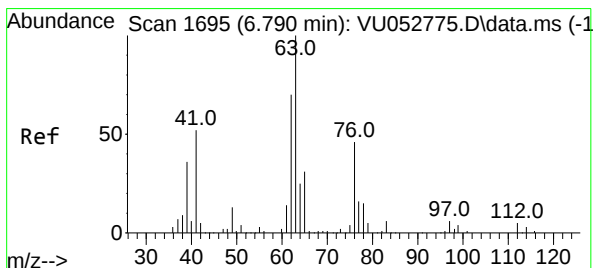
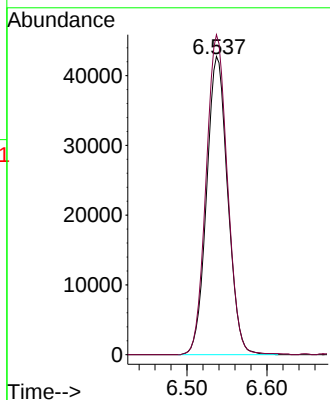
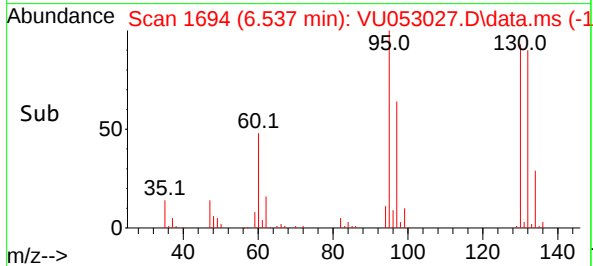
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



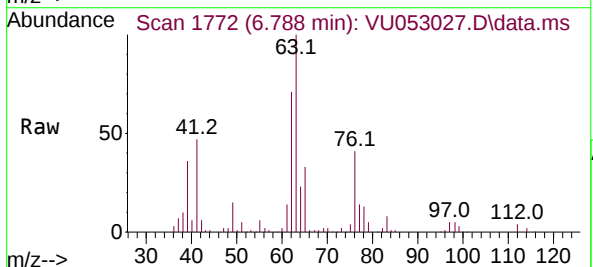
Tgt Ion:130 Resp: 7858
Ion Ratio Lower Upper
130 100
95 107.3 76.6 114.8

Manual Integrations
APPROVED

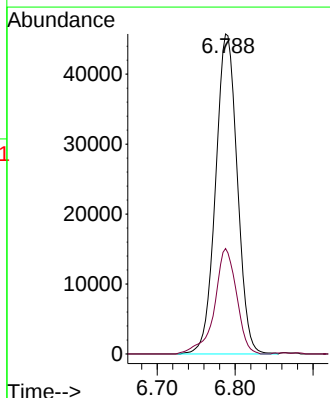
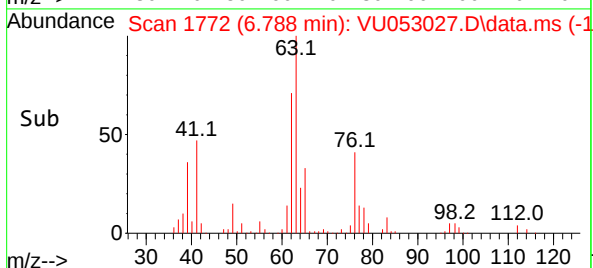
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

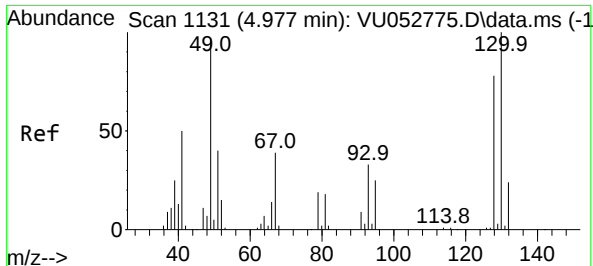


#38
1,2-Dichloropropane
Concen: 9.811 ug/l
RT: 6.788 min Scan# 1772
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54



Tgt Ion: 63 Resp: 88517
Ion Ratio Lower Upper
63 100
65 32.7 24.6 36.8





#39

Methacrylonitrile

Concen: 12.233 ug/l

RT: 4.981 min Scan# 1131

Delta R.T. 0.004 min

Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

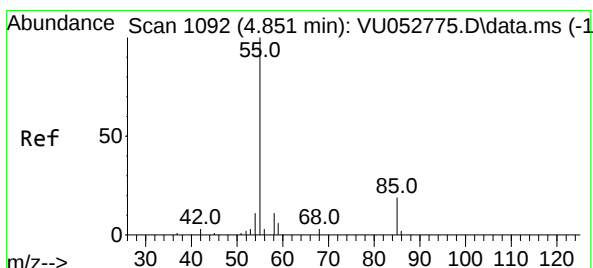
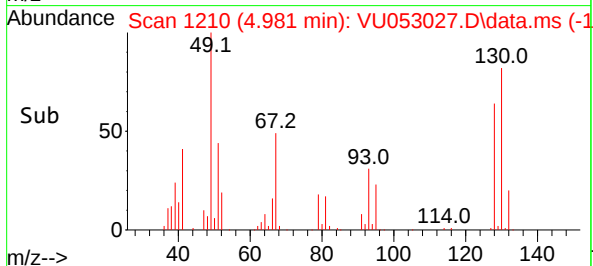
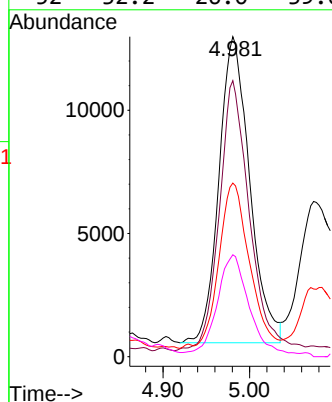
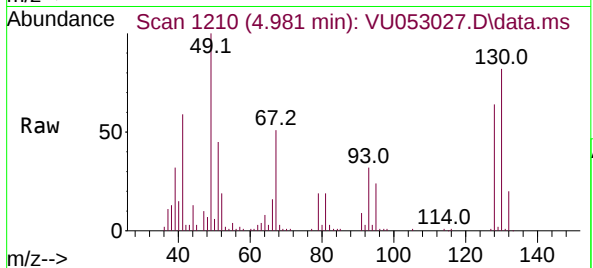
Tgt Ion: 41	Resp: 3055
Ion Ratio	Lower Upper
41 100	
67 86.9	64.9 97.3
39 52.1	41.7 62.5
52 32.2	26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#40

Methyl acrylate

Concen: 13.503 ug/l

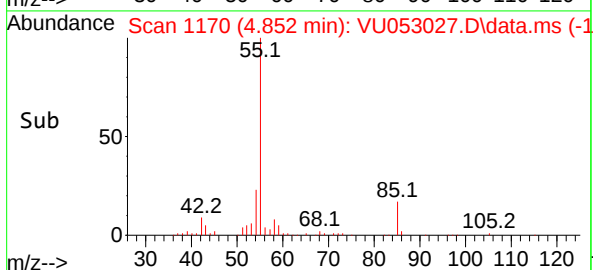
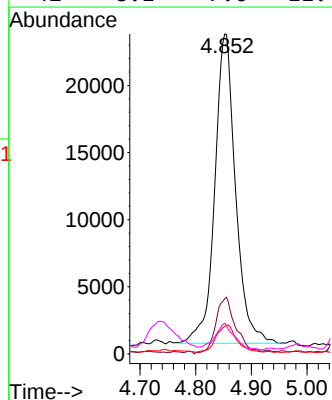
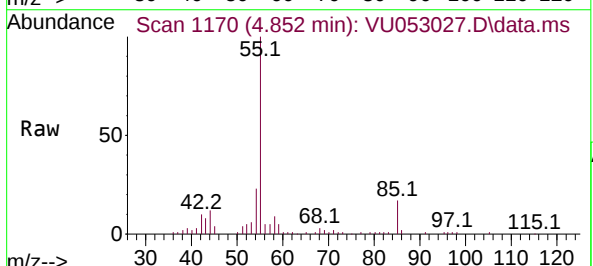
RT: 4.852 min Scan# 1170

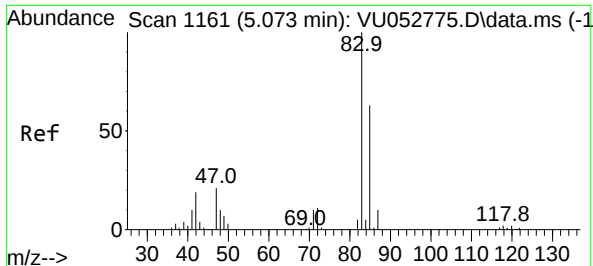
Delta R.T. 0.001 min

Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

Tgt Ion: 55	Resp: 59778
Ion Ratio	Lower Upper
55 100	
85 17.9	14.4 21.6
58 8.5	7.3 10.9
42 8.1	7.6 11.4





#41

Tetrahydrofuran

Concen: 24.730 ug/l

RT: 5.077 min Scan# 1356

Delta R.T. 0.004 min

Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 3072

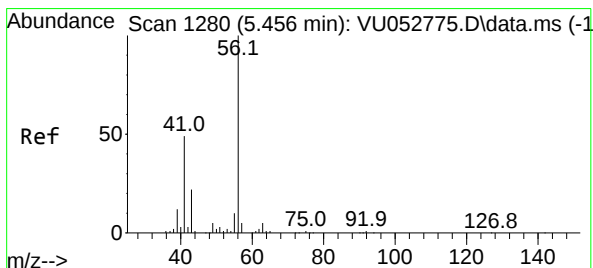
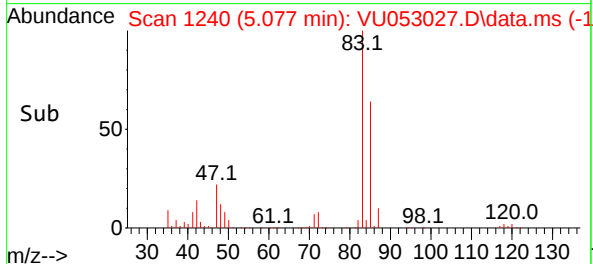
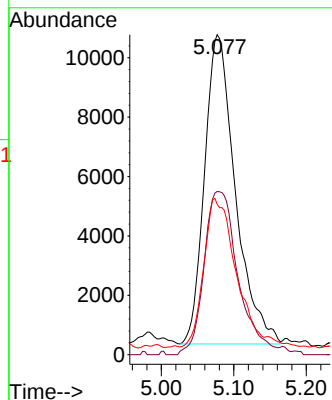
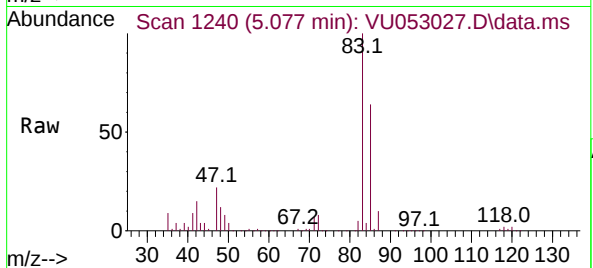
Ion	Ratio	Lower	Upper
42	100		
72	58.2	49.1	73.7
71	50.9	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#42

1-Chlorobutane

Concen: 9.973 ug/l

RT: 5.450 min Scan# 1356

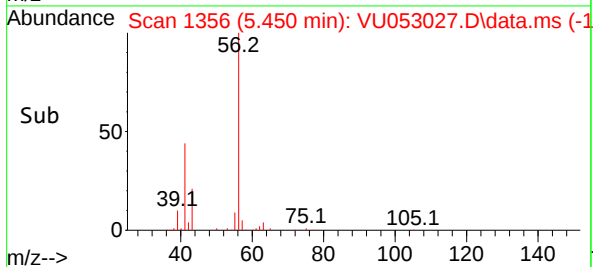
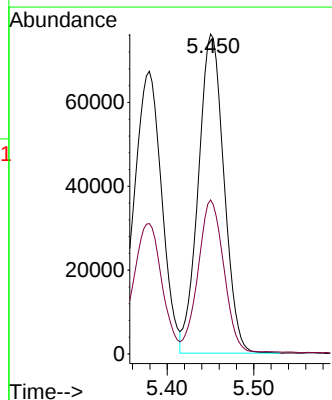
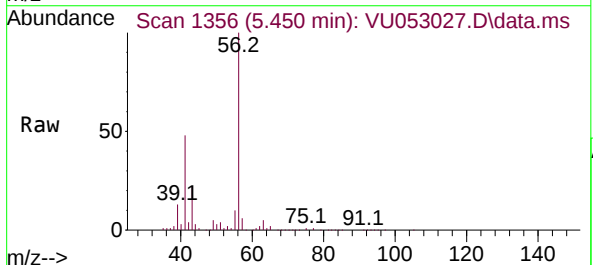
Delta R.T. -0.006 min

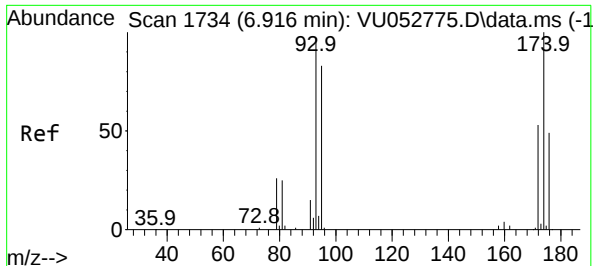
Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

Tgt Ion: 56 Resp: 156273

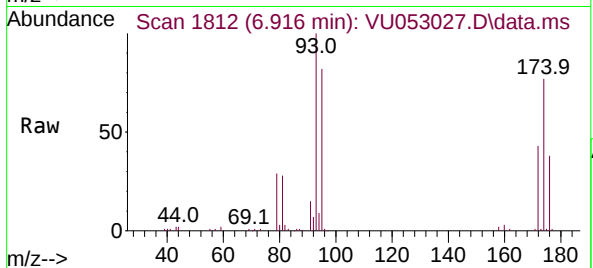
Ion	Ratio	Lower	Upper
56	100		
41	47.3	24.5	73.5





#43
Dibromomethane
Concen: 9.440 ug/l
RT: 6.916 min Scan# 1812
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

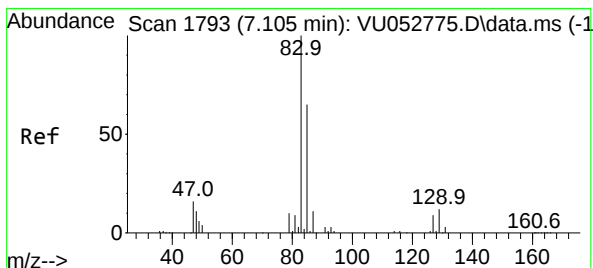
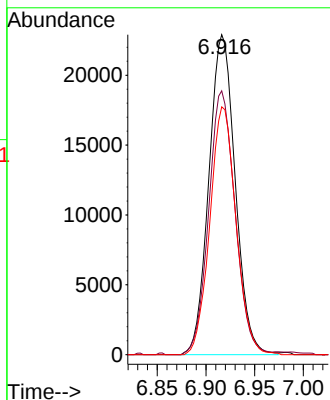
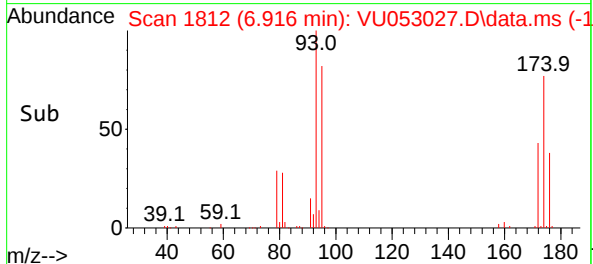
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



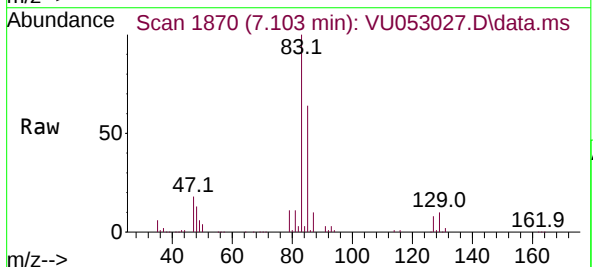
Tgt Ion: 93 Resp: 43109
Ion Ratio Lower Upper
93 100
95 82.6 67.0 100.6
174 76.9 82.2 123.4

Manual Integrations
APPROVED

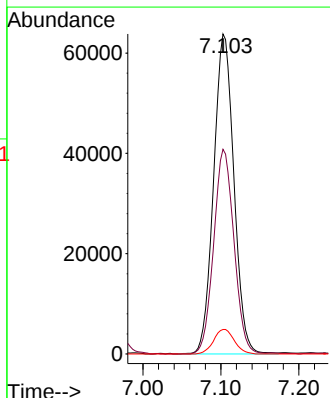
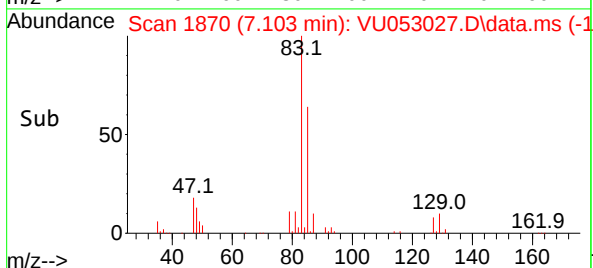
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

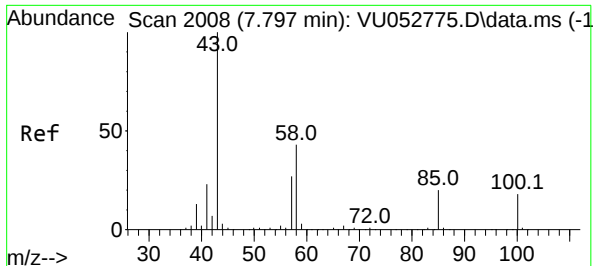


#44
Bromodichloromethane
Concen: 9.319 ug/l
RT: 7.103 min Scan# 1870
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54



Tgt Ion: 83 Resp: 115459
Ion Ratio Lower Upper
83 100
85 63.9 52.1 78.1
127 7.6 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 53.102 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.004 min

Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 25484

Ion Ratio Lower Upper

43 100

58 45.7 21.7 65.1

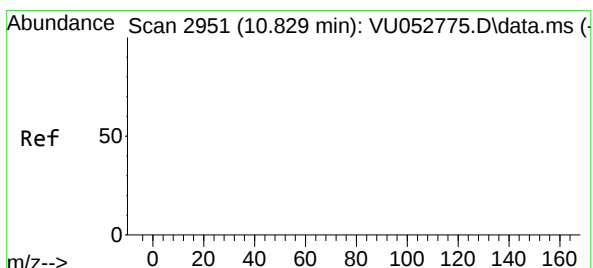
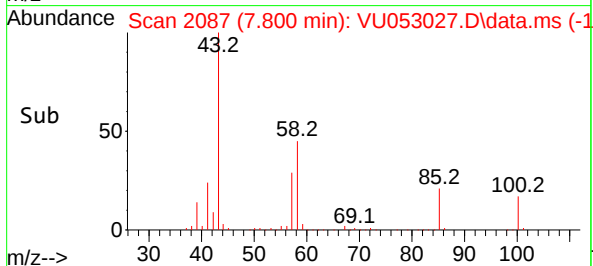
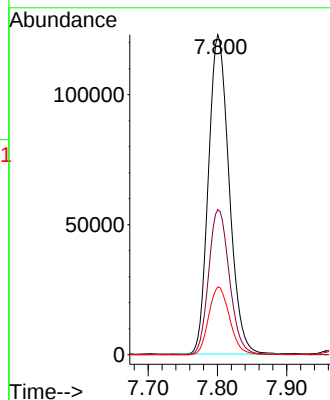
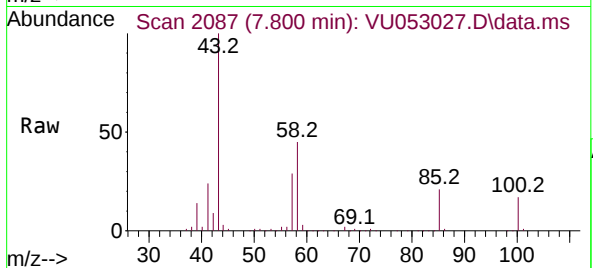
85 21.4 16.2 24.4

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: 23.817 ug/l m

RT: 10.832 min Scan# 3030

Delta R.T. 0.004 min

Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

Tgt Ion: 75 Resp: 59928

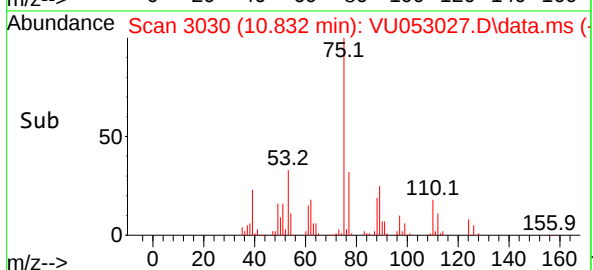
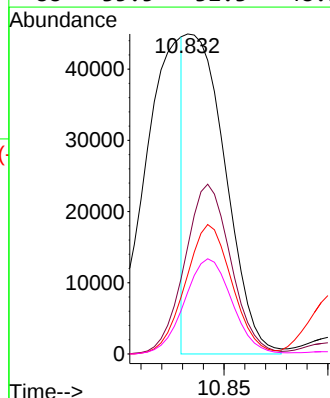
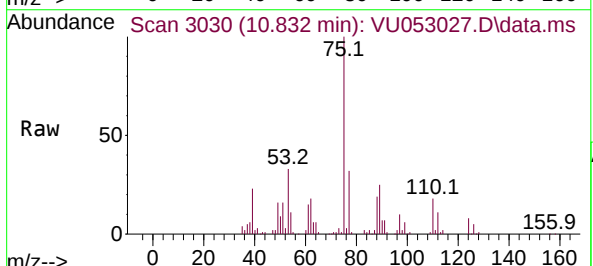
Ion Ratio Lower Upper

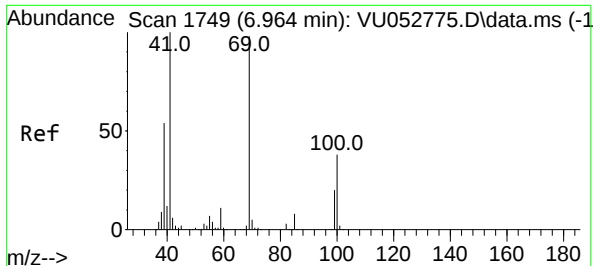
75 100

53 61.6 57.0 85.4

89 47.3 41.1 61.7

88 35.5 32.3 48.5





#47

Methyl methacrylate

Concen: 22.325 ug/l

RT: 6.964 min Scan# 11

Delta R.T. 0.001 min

Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 9063

Ion Ratio Lower Upper

69 100

41 98.2 0.0 201.8

39 56.8 44.0 66.0

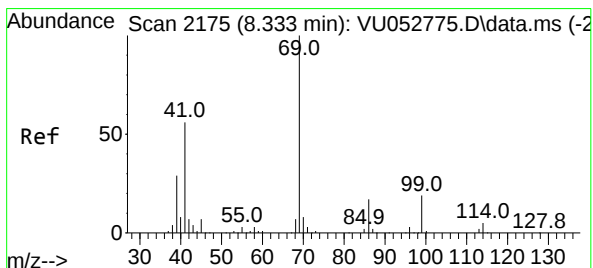
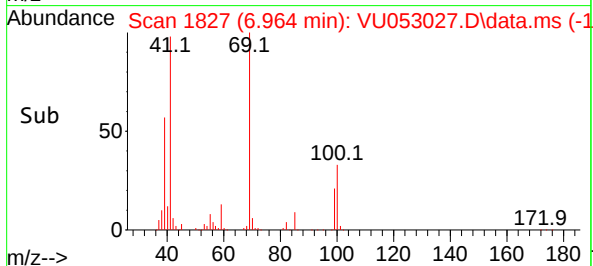
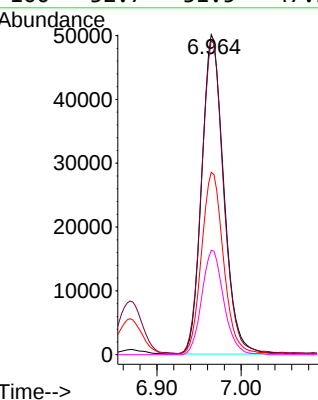
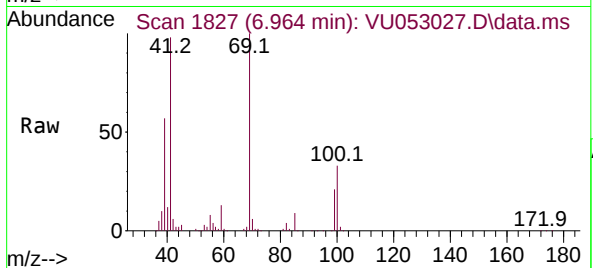
100 32.7 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#48

Ethyl methacrylate

Concen: 12.662 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.001 min

Lab File: VU053027.D

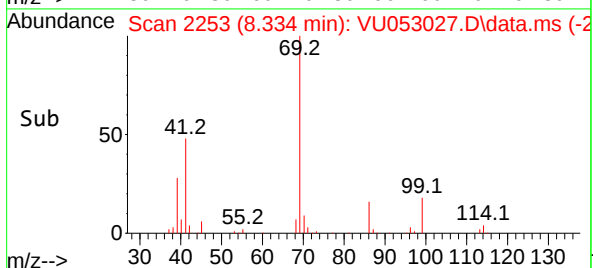
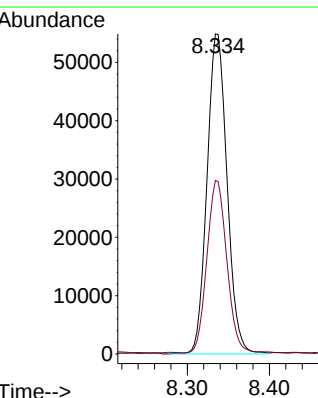
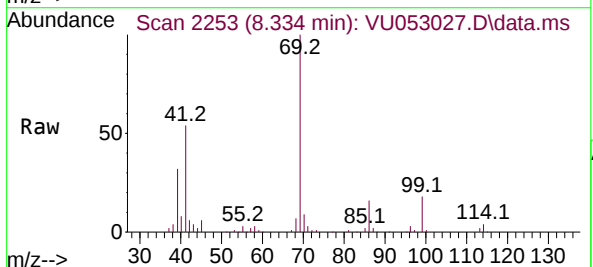
Acq: 09 Feb 2023 19:54

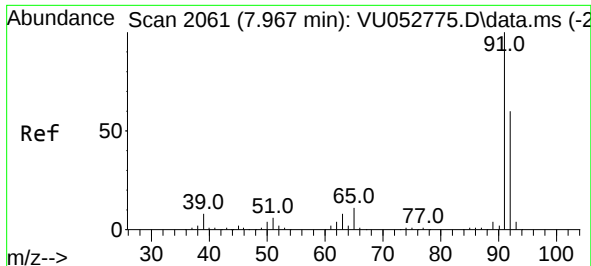
Tgt Ion: 69 Resp: 93186

Ion Ratio Lower Upper

69 100

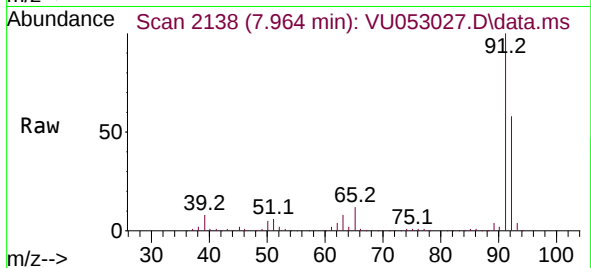
41 53.3 28.1 84.4





#49
Toluene
Concen: 9.240 ug/l
RT: 7.964 min Scan# 2118
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

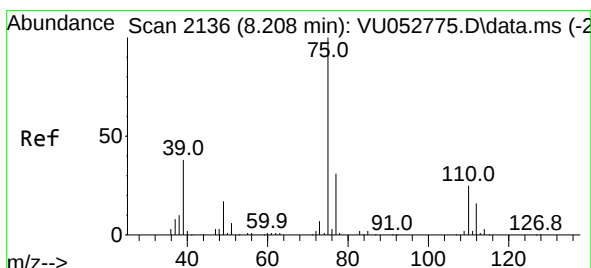
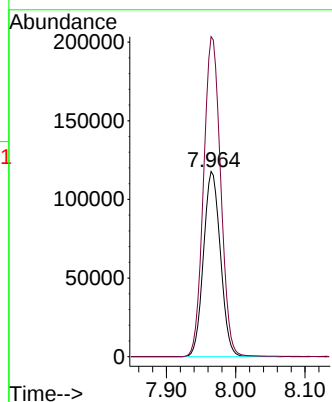
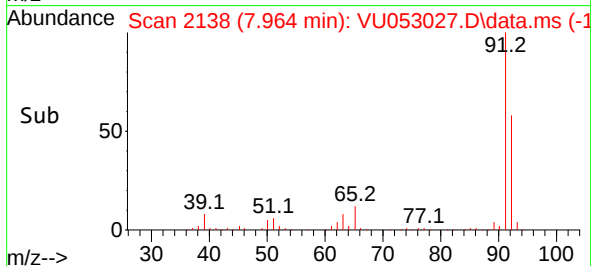
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 92 Resp: 19952
Ion Ratio Lower Upper
92 100
91 174.7 133.8 200.8

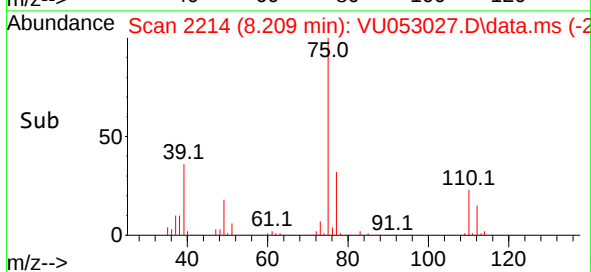
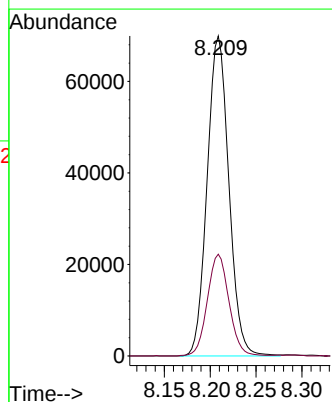
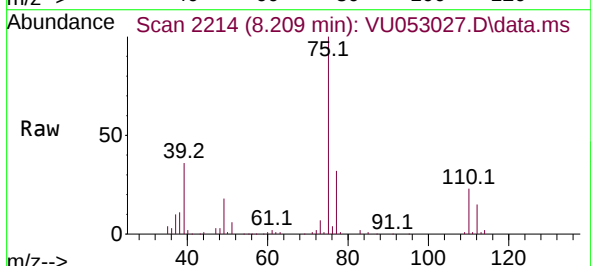
Manual Integrations
APPROVED

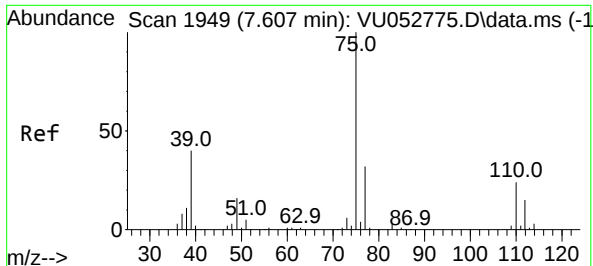
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#50
t-1,3-Dichloropropene
Concen: 10.649 ug/l
RT: 8.209 min Scan# 2214
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

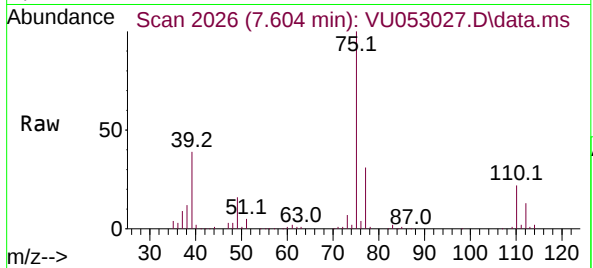
Tgt Ion: 75 Resp: 115067
Ion Ratio Lower Upper
75 100
77 31.7 24.4 36.6





#51
cis-1,3-Dichloropropene
Concen: 10.670 ug/l
RT: 7.604 min Scan# 20
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

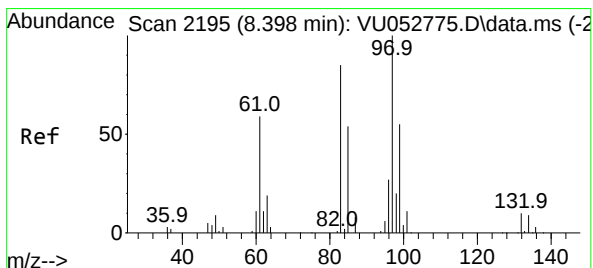
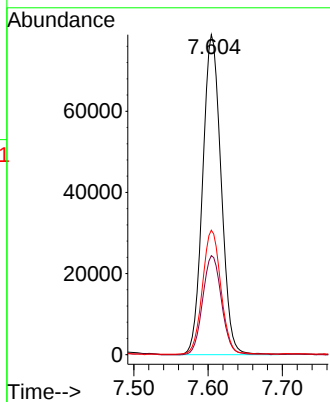
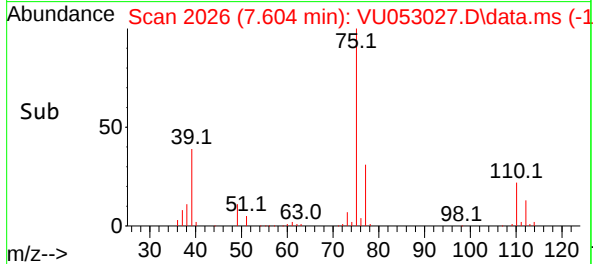
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 13563
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3
39 38.7 32.3 48.5

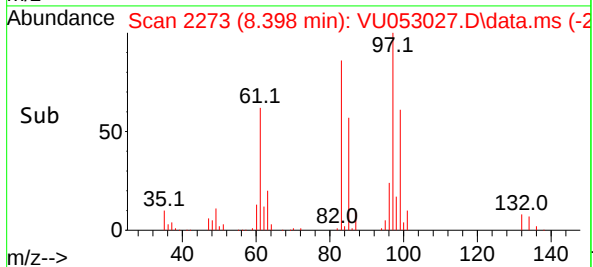
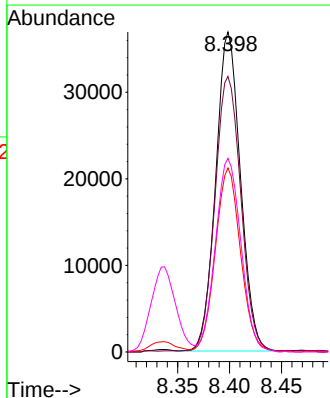
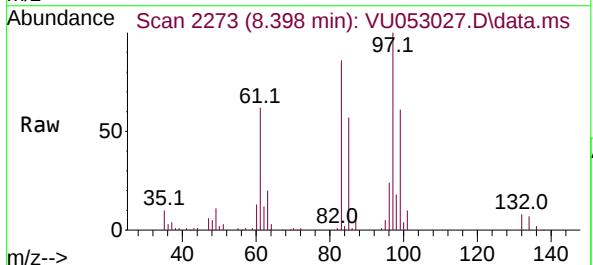
Manual Integrations
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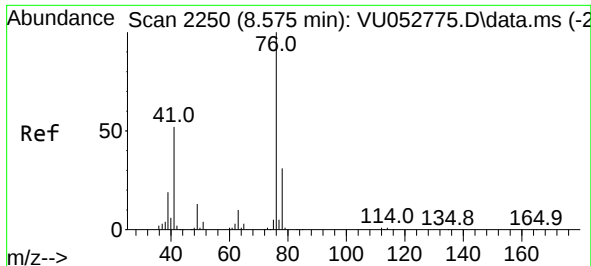
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#52
1,1,2-Trichloroethane
Concen: 9.406 ug/l
RT: 8.398 min Scan# 2273
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Tgt Ion: 97 Resp: 61087
Ion Ratio Lower Upper
97 100
83 86.0 68.2 102.2
85 57.4 44.5 66.7
99 60.7 51.0 76.4





#53

1,3-Dichloropropane

Concen: 9.614 ug/l

RT: 8.572 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 10792

Ion Ratio Lower Upper

76 100

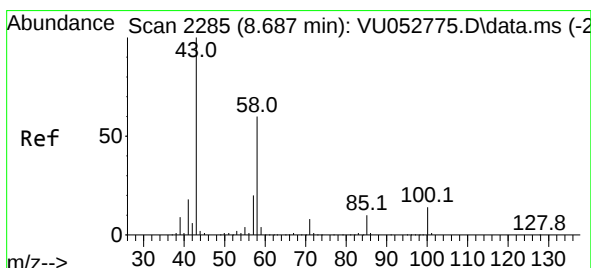
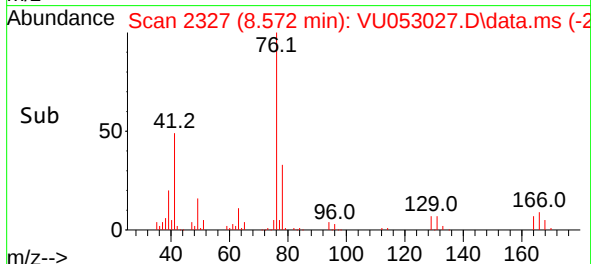
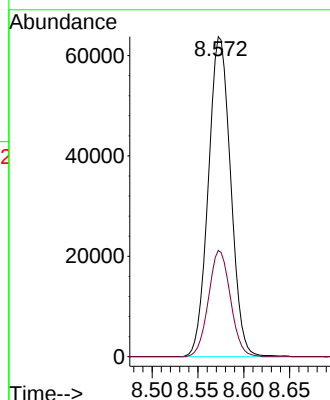
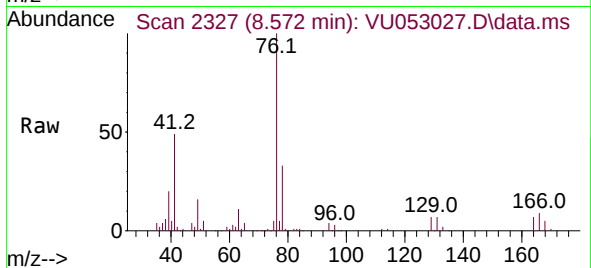
78 32.7 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#54

2-Hexanone

Concen: 43.453 ug/l

RT: 8.694 min Scan# 2365

Delta R.T. 0.007 min

Lab File: VU053027.D

Acq: 09 Feb 2023 19:54

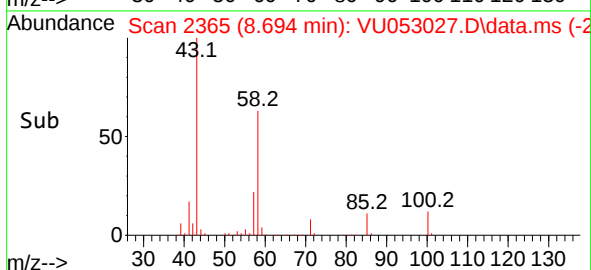
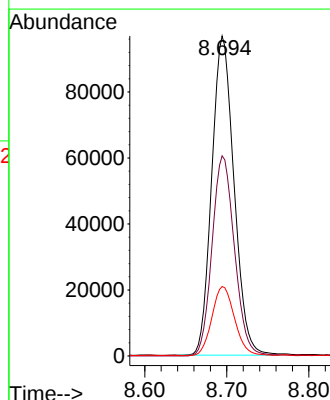
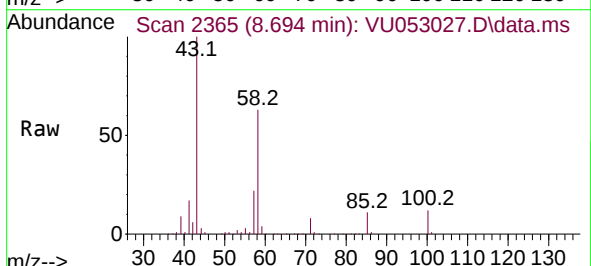
Tgt Ion: 43 Resp: 182435

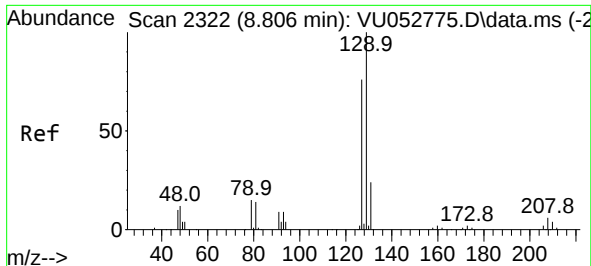
Ion Ratio Lower Upper

43 100

58 63.3 40.0 80.0

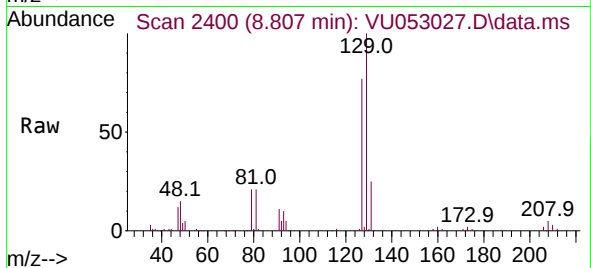
57 22.0 0.6 40.6





#55
Dibromochloromethane
Concen: 8.674 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

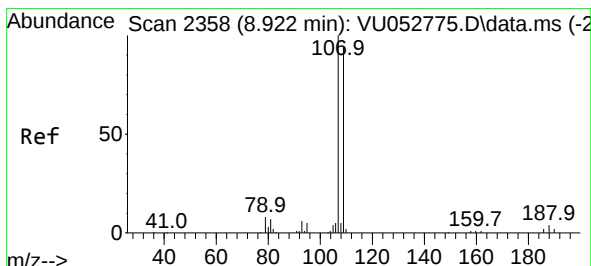
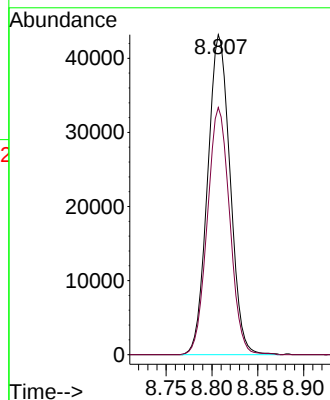
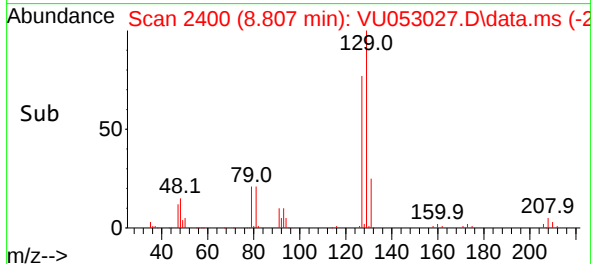
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



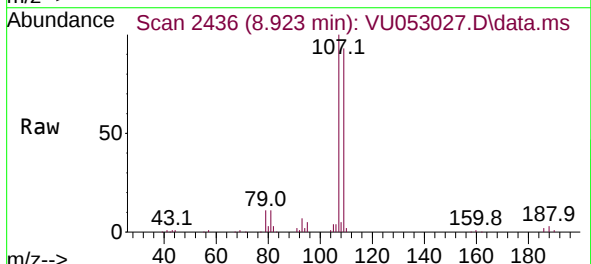
Tgt Ion:129 Resp: 7367
Ion Ratio Lower Upper
129 100
127 76.8 61.5 92.3

Manual Integrations
APPROVED

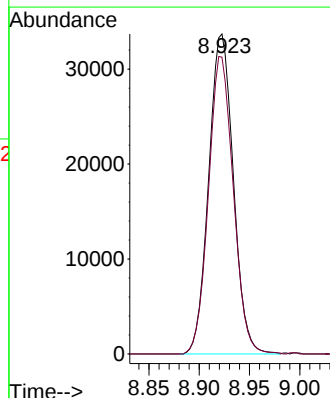
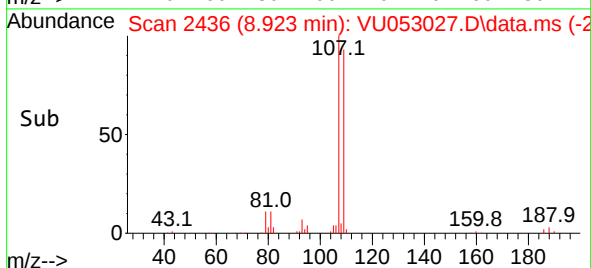
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

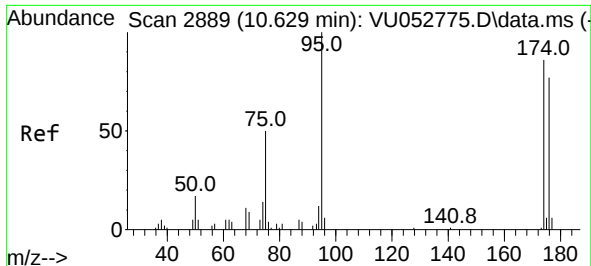


#56
1,2-Dibromoethane
Concen: 9.301 ug/l
RT: 8.923 min Scan# 2436
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54



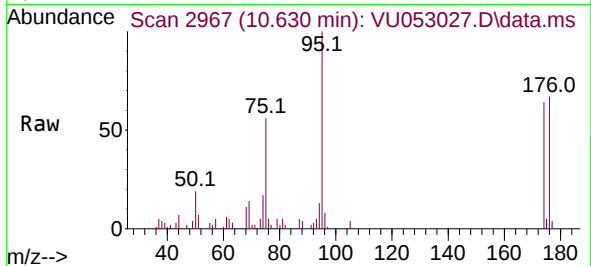
Tgt Ion:107 Resp: 57504
Ion Ratio Lower Upper
107 100
109 93.5 0.0 190.4





#57
4-Bromofluorobenzene
Concen: 1.149 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

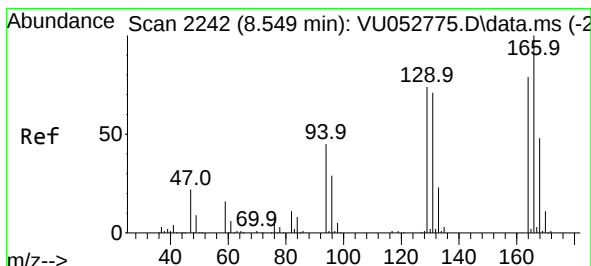
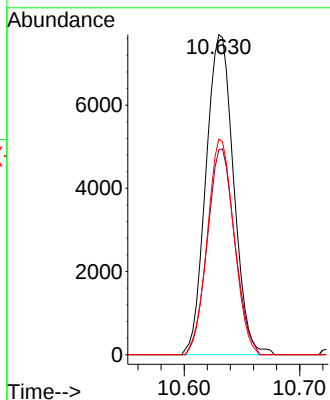
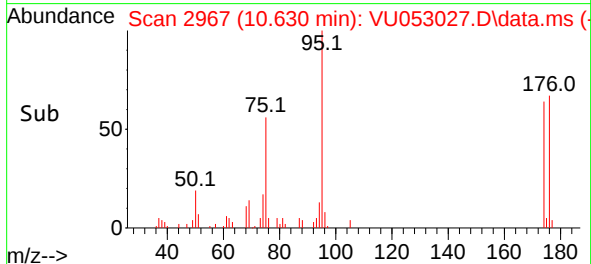
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



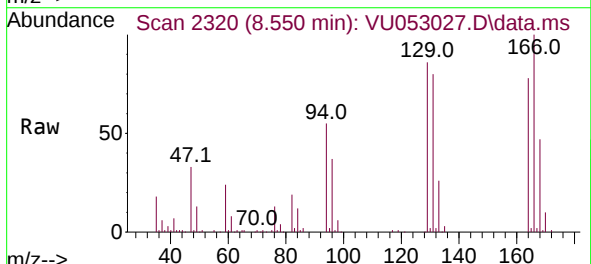
Tgt Ion: 95 Resp: 12800
Ion Ratio Lower Upper
95 100
174 63.7 66.9 100.3
176 64.8 61.9 92.9

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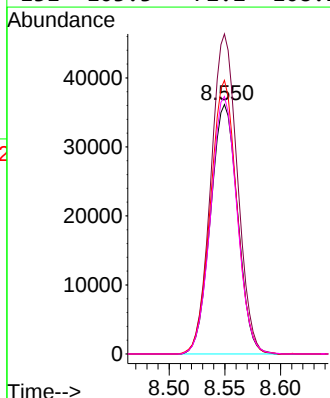
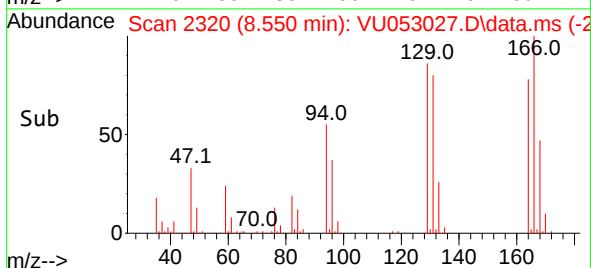
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

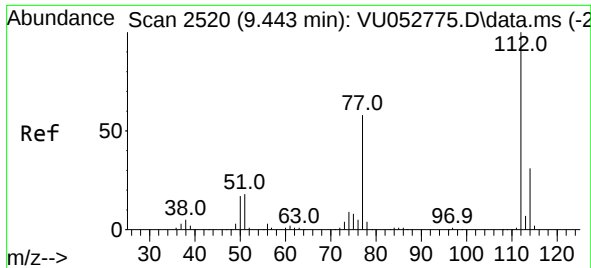


#58
Tetrachloroethene
Concen: 6.969 ug/l
RT: 8.550 min Scan# 2320
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54



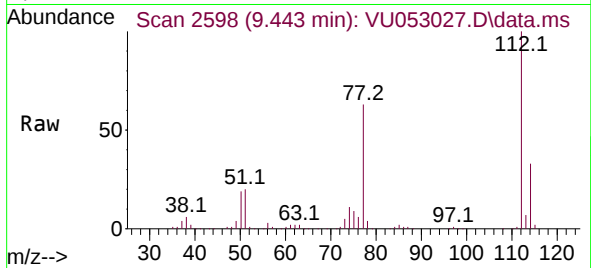
Tgt Ion:164 Resp: 60970
Ion Ratio Lower Upper
164 100
166 128.3 101.5 152.3
129 109.7 75.2 112.8
131 103.3 72.2 108.2





#59
Chlorobenzene
Concen: 9.303 ug/l
RT: 9.443 min Scan# 21861
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

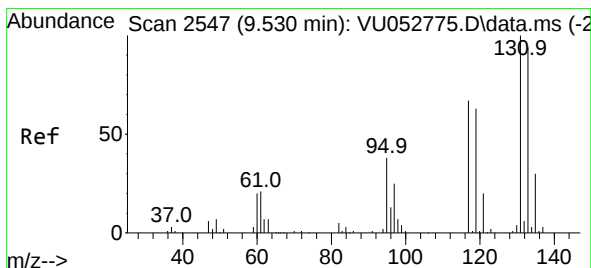
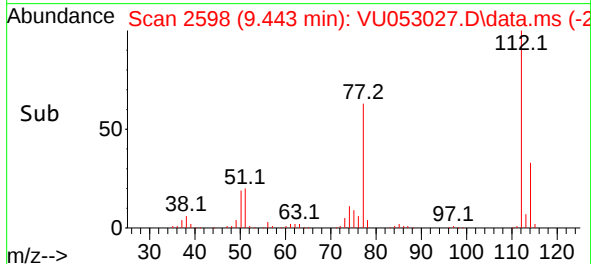
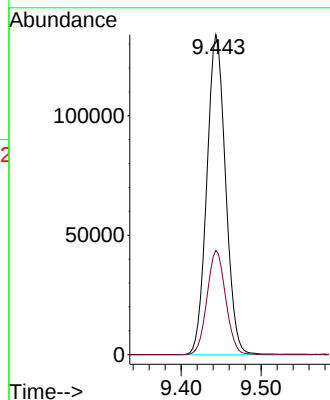
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 21861
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8

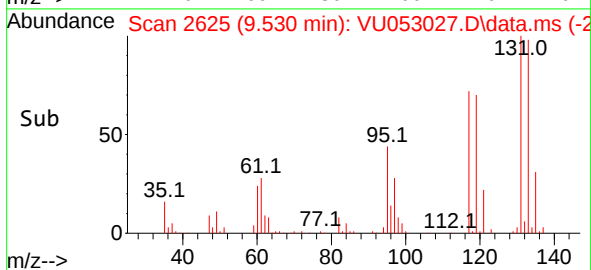
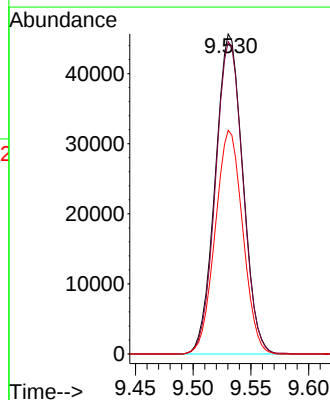
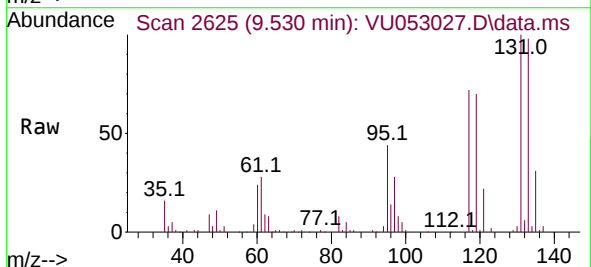
Manual Integrations
APPROVED

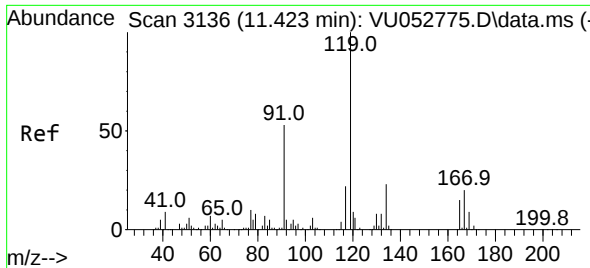
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 8.351 ug/l
RT: 9.530 min Scan# 2625
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Tgt Ion:131 Resp: 75954
Ion Ratio Lower Upper
131 100
133 97.0 77.2 115.8
119 69.8 50.8 76.2





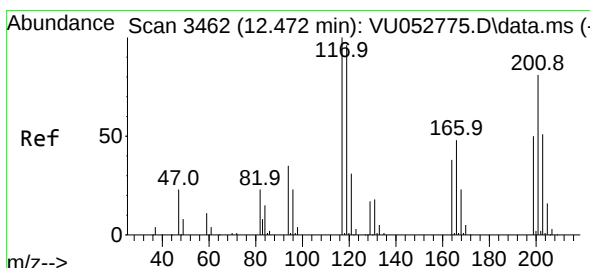
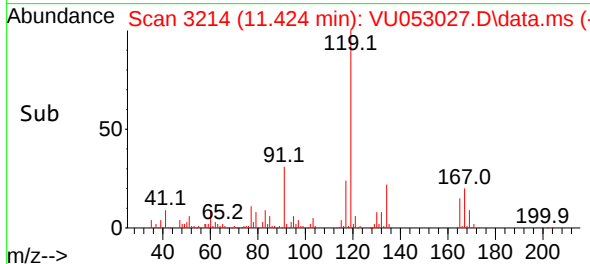
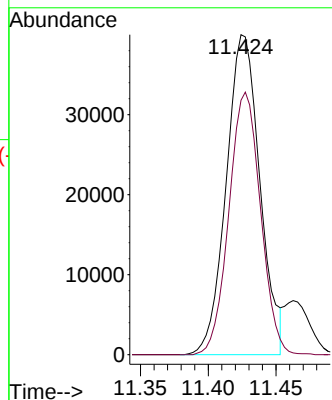
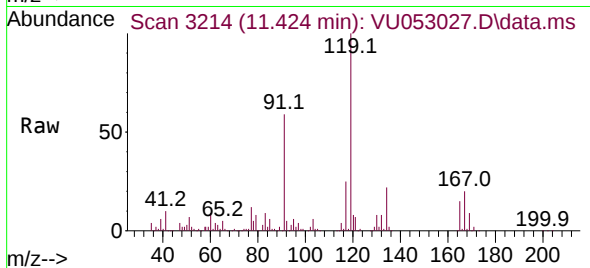
#61
Pentachloroethane
Concen: 9.286 ug/l
RT: 11.424 min Scan# 3136
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 69189
Ion Ratio Lower Upper
117 100
167 77.0 66.8 100.2

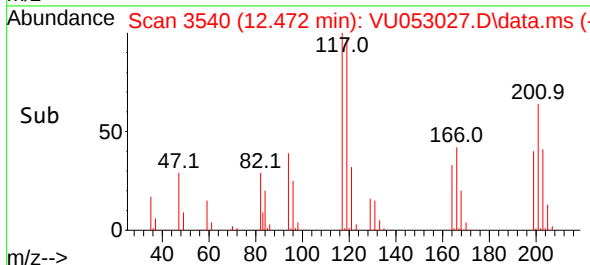
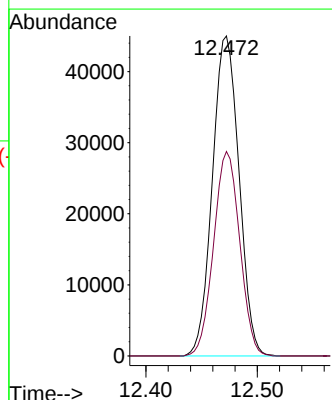
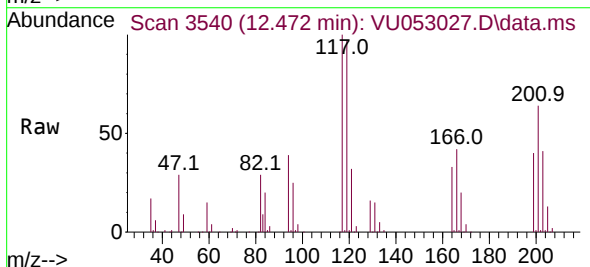
Manual Integrations
APPROVED

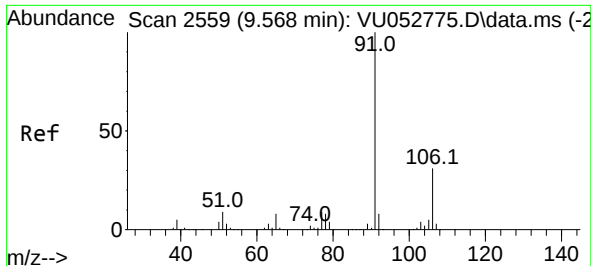
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#62
Hexachloroethane
Concen: 9.930 ug/l
RT: 12.472 min Scan# 3540
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

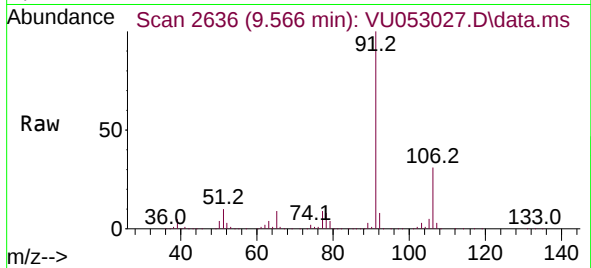
Tgt Ion:117 Resp: 74751
Ion Ratio Lower Upper
117 100
201 62.7 64.6 97.0#





#63
Ethyl Benzene
Concen: 10.510 ug/l
RT: 9.566 min Scan# 2636
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

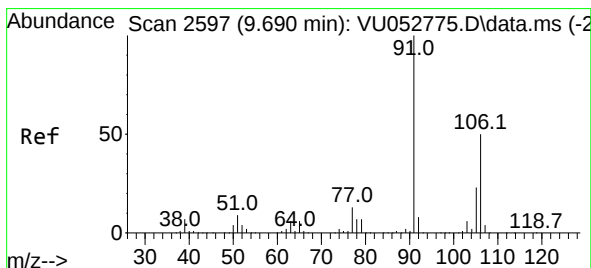
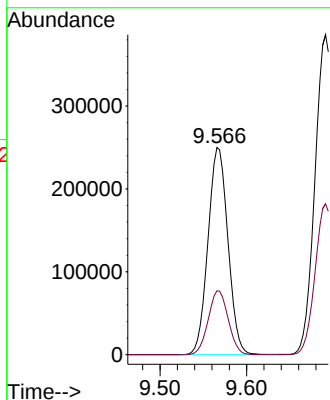
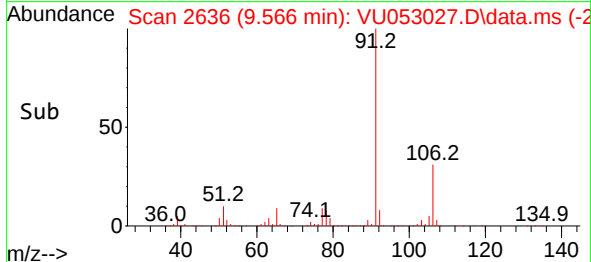
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



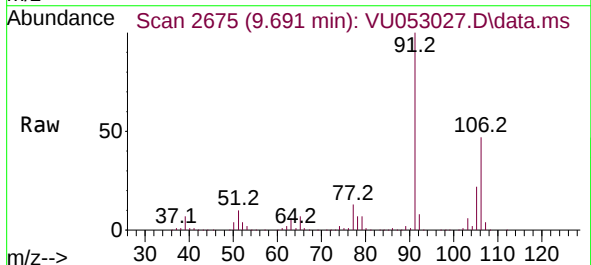
Tgt Ion: 91 Resp: 400089
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7

Manual Integrations
APPROVED

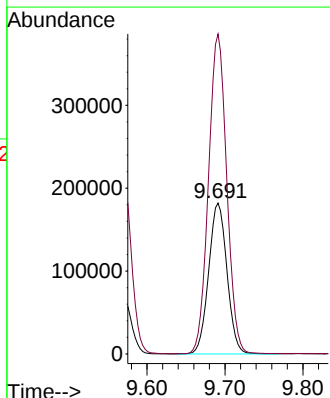
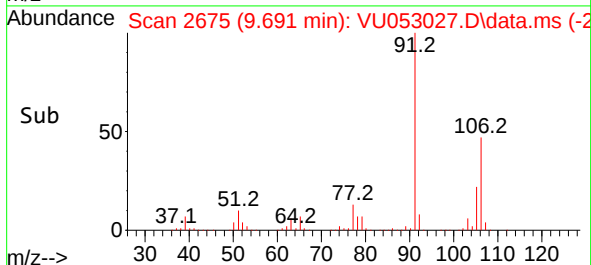
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

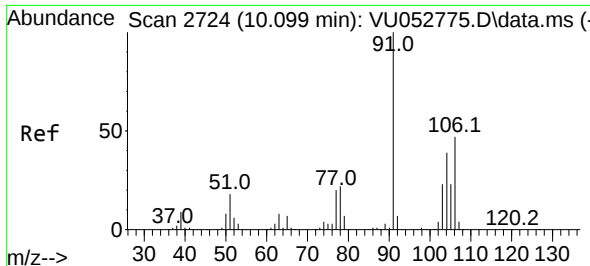


#64
m/p-Xylenes
Concen: 19.655 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54



Tgt Ion:106 Resp: 298297
Ion Ratio Lower Upper
106 100
91 210.5 158.7 238.1





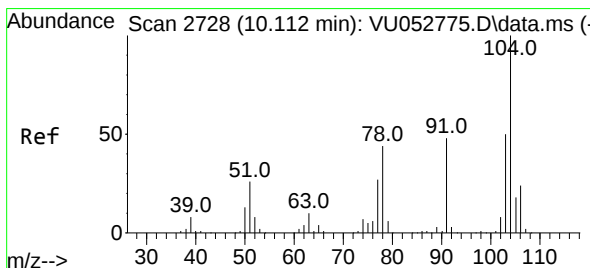
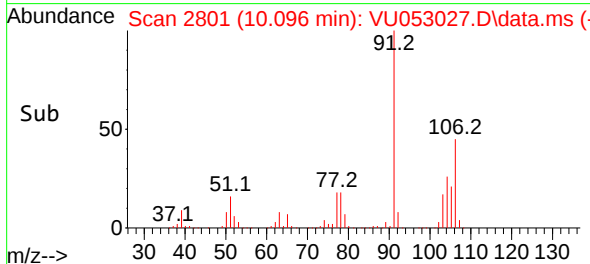
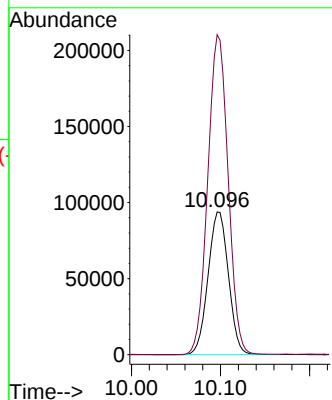
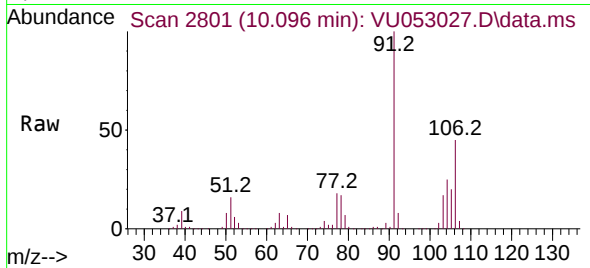
#65
o-Xylene
Concen: 10.168 ug/l
RT: 10.096 min Scan# 2801
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 148904
Ion Ratio Lower Upper
106 100
91 224.0 105.6 316.8

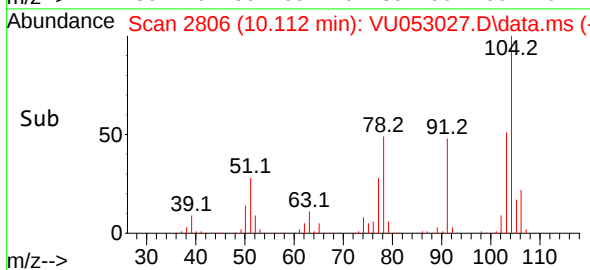
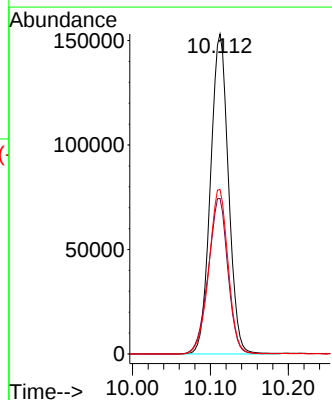
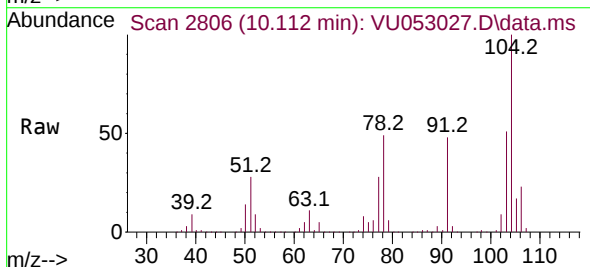
Manual Integrations
APPROVED

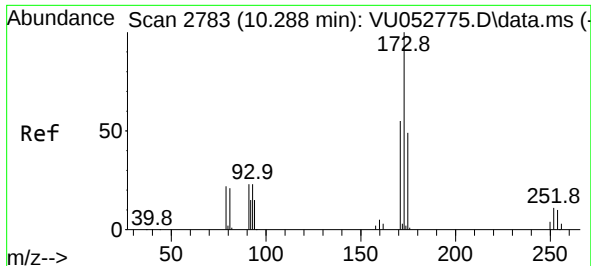
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#66
Styrene
Concen: 8.750 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.000 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Tgt Ion:104 Resp: 245490
Ion Ratio Lower Upper
104 100
78 53.1 39.6 59.4
103 55.0 42.9 64.3





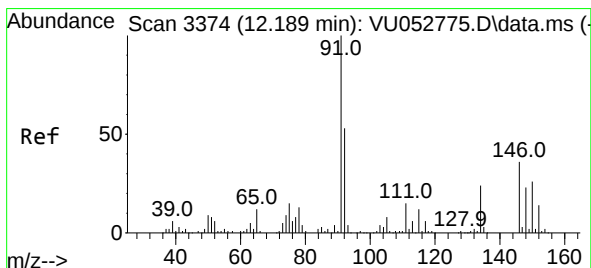
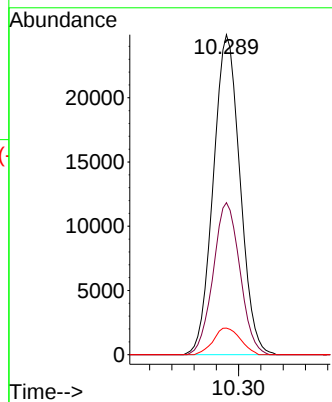
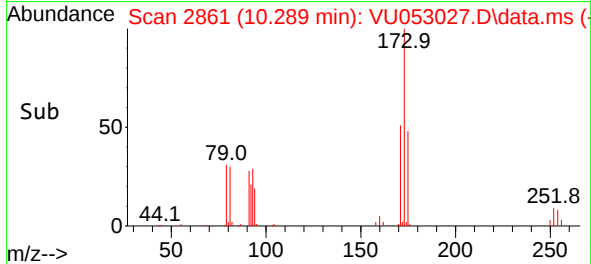
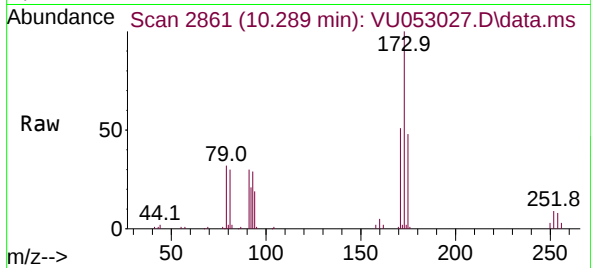
#67
Bromoform
Concen: 8.264 ug/l
RT: 10.289 min Scan# 2142
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 4142
Ion Ratio Lower Upper
173 100
175 47.6 39.5 59.3
254 8.5 8.0 12.0

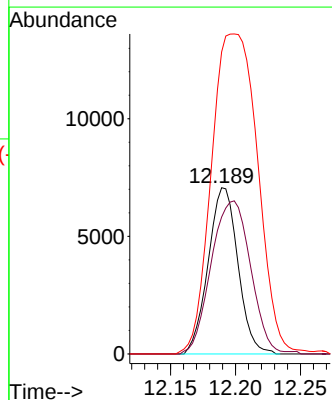
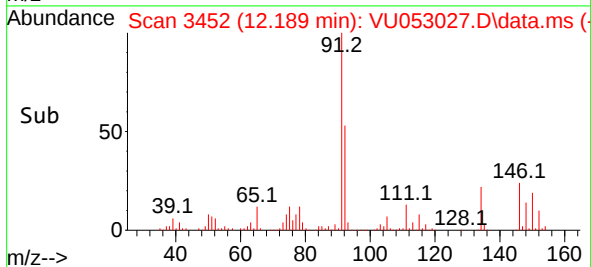
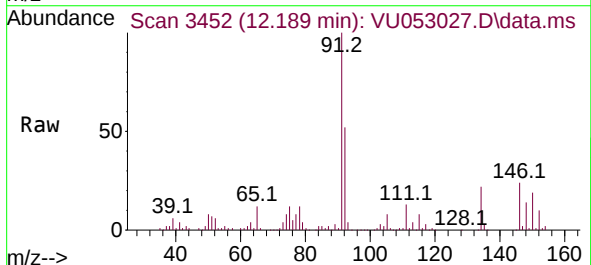
Manual Integrations
APPROVED

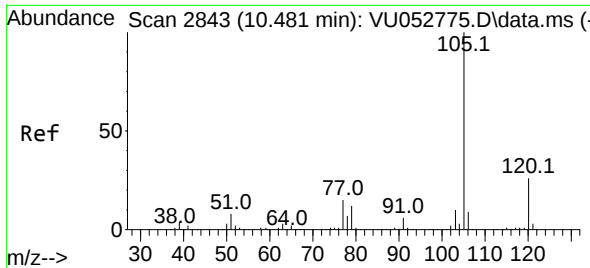
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#68
1,2-Dichlorobenzene-d4
Concen: 0.982 ug/l
RT: 12.189 min Scan# 3452
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Tgt Ion:152 Resp: 11260
Ion Ratio Lower Upper
152 100
115 122.2 0.0 262.6
150 298.9 0.0 638.0





#69
Isopropylbenzene
Concen: 10.619 ug/l
RT: 10.482 min Scan# 2921
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

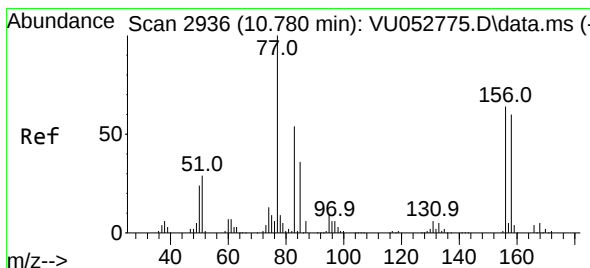
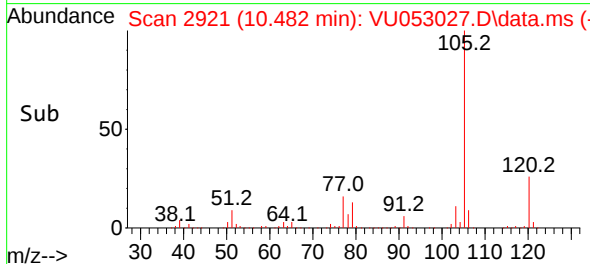
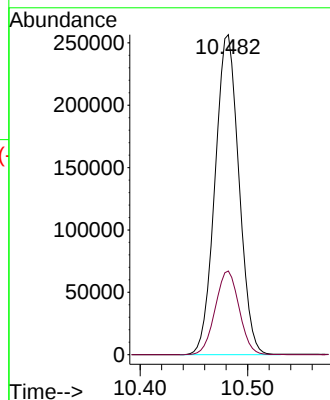
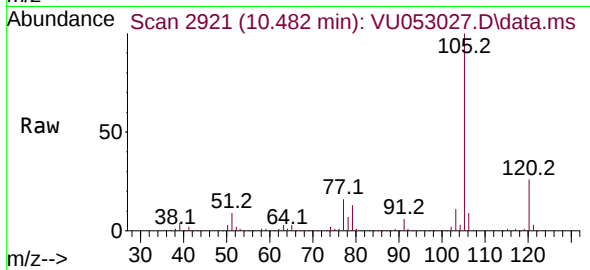
VSTDCCC010EC

Tgt Ion:105 Resp: 395720
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9

Manual Integrations

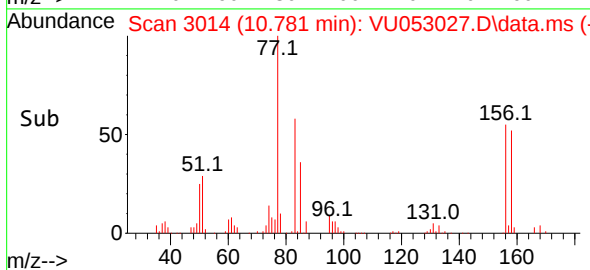
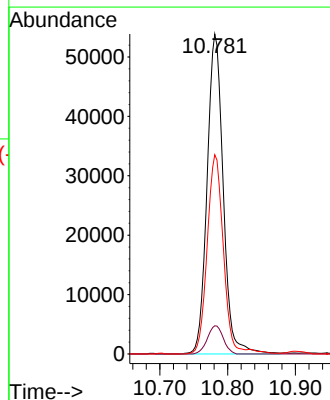
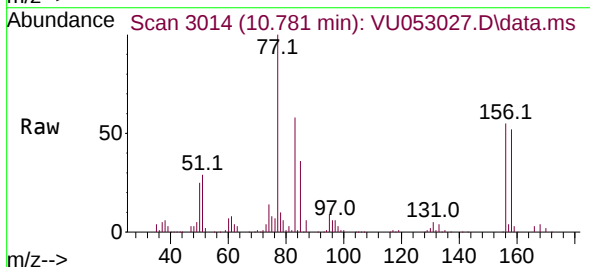
APPROVED

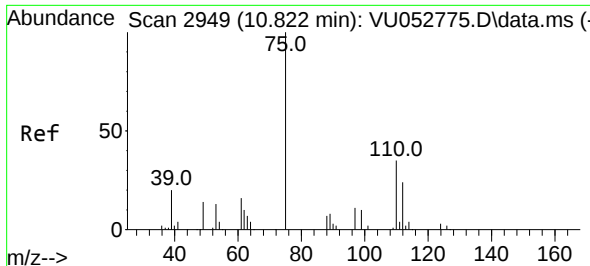
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 10.989 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

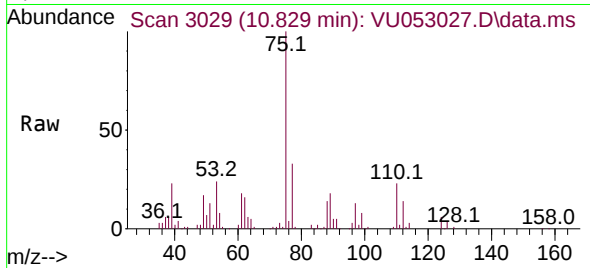
Tgt Ion: 83 Resp: 88958
Ion Ratio Lower Upper
83 100
131 8.7 8.6 13.0
85 61.6 52.6 78.8





#71
1,2,3-Trichloropropane
Concen: 8.087 ug/l m
RT: 10.829 min Scan# 3029
Delta R.T. 0.007 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

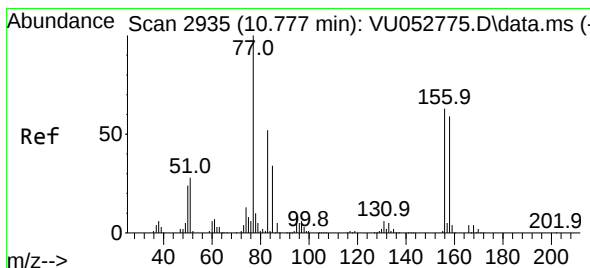
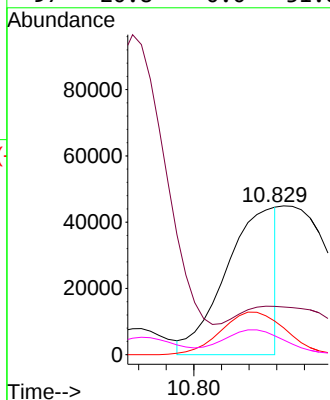
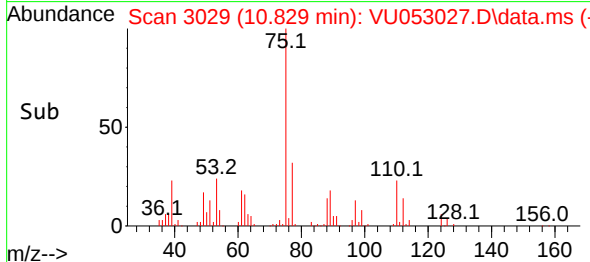
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



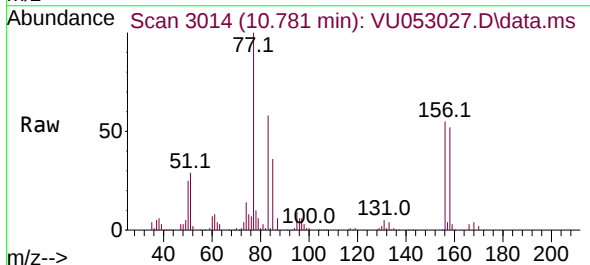
Tgt Ion: 75 Resp: 56669
Ion Ratio Lower Upper
75 100
77 61.8 0.0 86.0
110 37.3 0.0 63.8
97 20.8 0.0 31.8

Manual Integrations
APPROVED

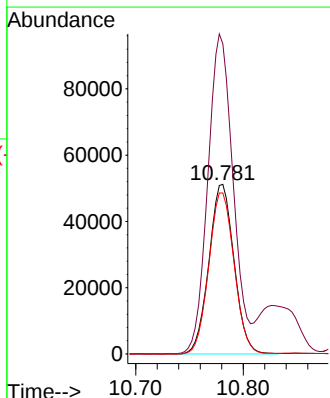
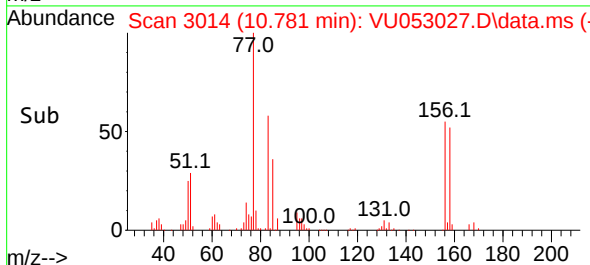
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

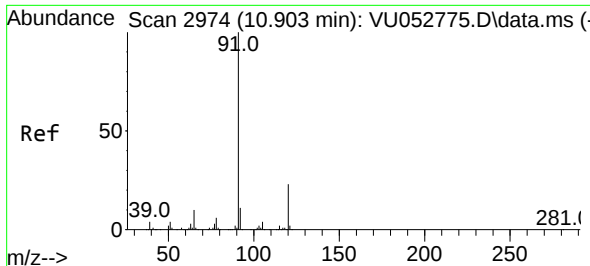


#72
Bromobenzene
Concen: 8.784 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.004 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54



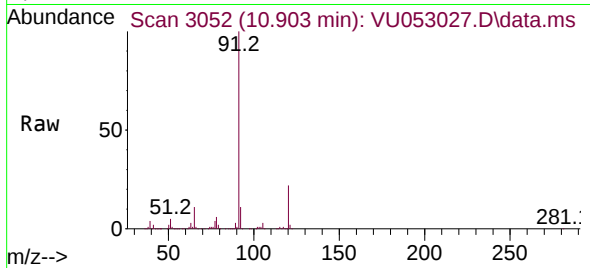
Tgt Ion:156 Resp: 83140
Ion Ratio Lower Upper
156 100
77 189.1 0.0 321.2
158 95.8 0.0 192.0





#73
n-propylbenzene
Concen: 8.514 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

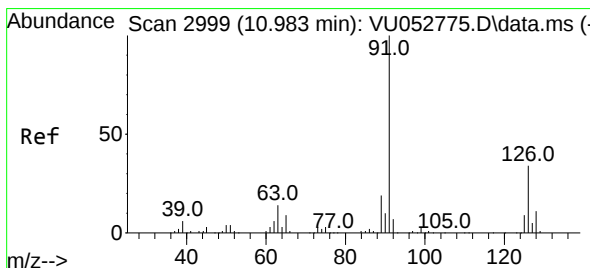
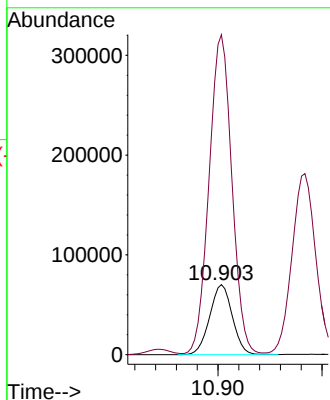
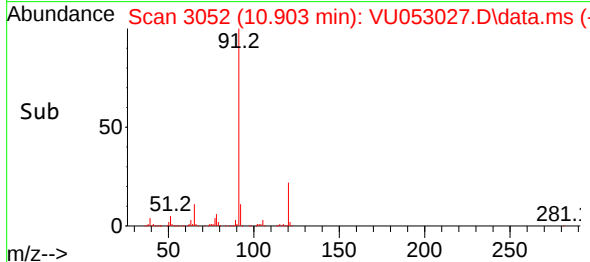
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



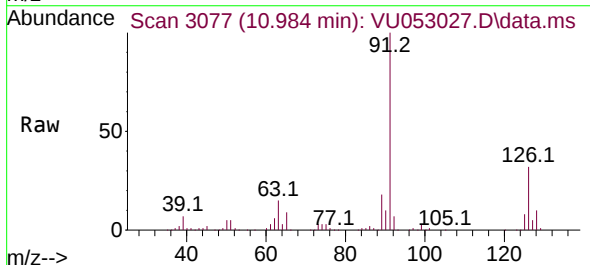
Tgt Ion:120 Resp: 106183
Ion Ratio Lower Upper
120 100
91 456.6 348.0 522.0

Manual Integrations
APPROVED

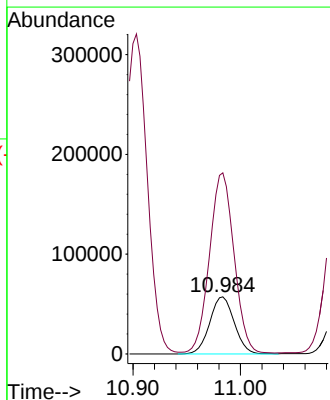
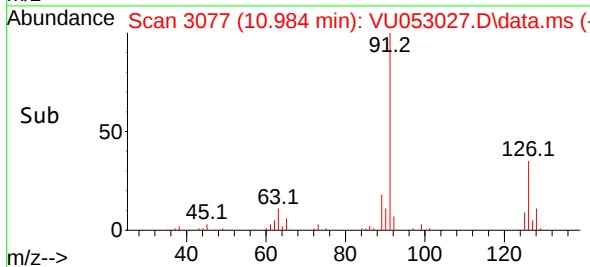
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

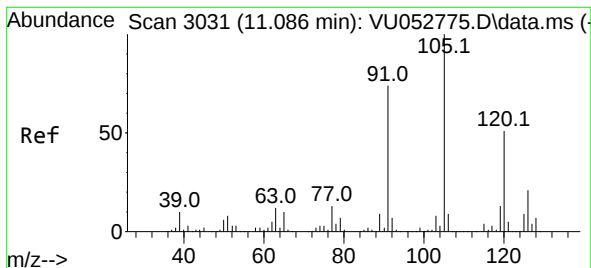


#74
2-Chlorotoluene
Concen: 9.643 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54



Tgt Ion:126 Resp: 90776
Ion Ratio Lower Upper
126 100
91 313.7 0.0 588.6





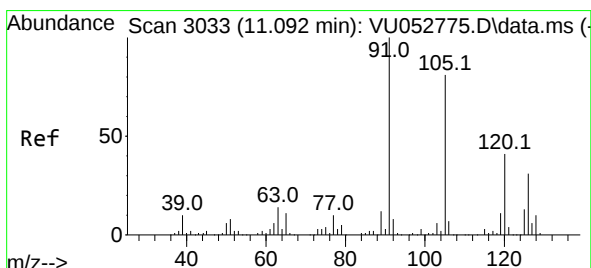
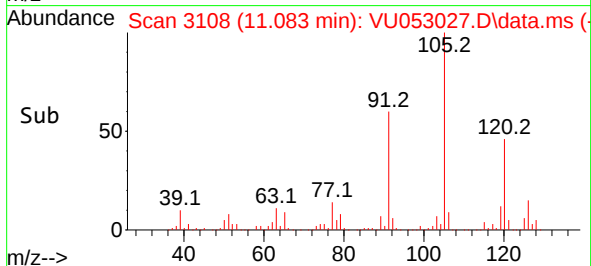
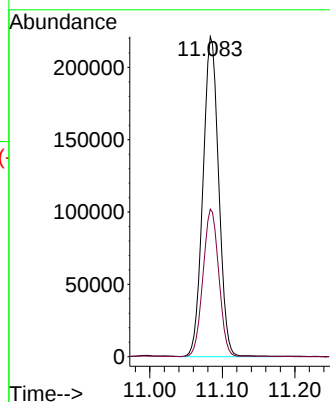
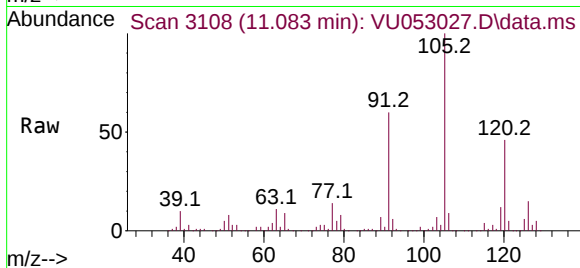
#75
1,3,5-Trimethylbenzene
Concen: 8.797 ug/l
RT: 11.083 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 33464
Ion Ratio Lower Upper
105 100
120 46.0 39.9 59.9

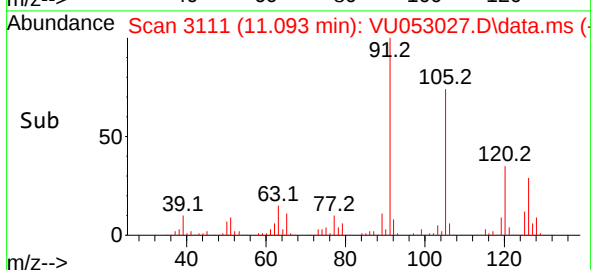
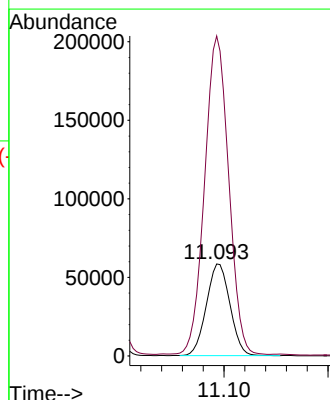
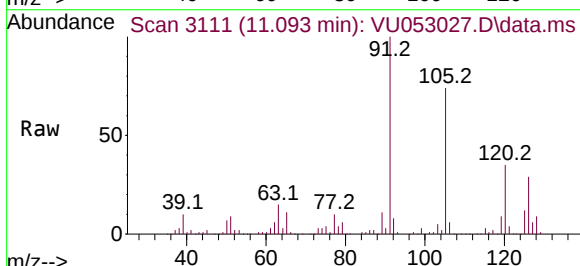
Manual Integrations
APPROVED

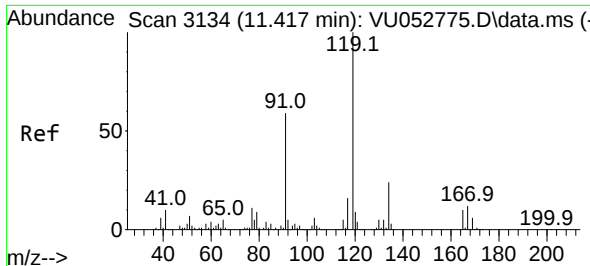
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#76
4-Chlorotoluene
Concen: 9.471 ug/l
RT: 11.093 min Scan# 3111
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

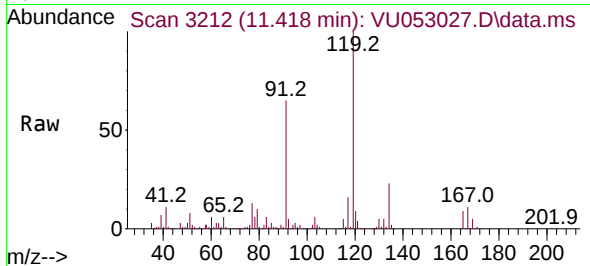
Tgt Ion:126 Resp: 91491
Ion Ratio Lower Upper
126 100
91 354.4 0.0 661.8





#77
tert-Butylbenzene
Concen: 10.154 ug/l
RT: 11.418 min Scan# 3134
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

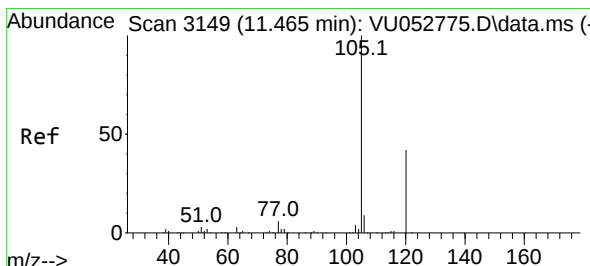
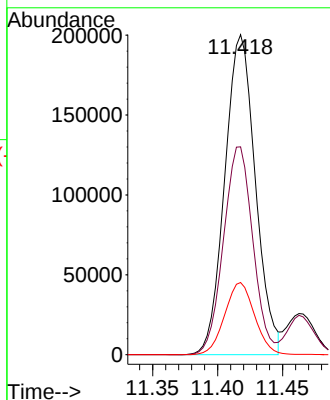
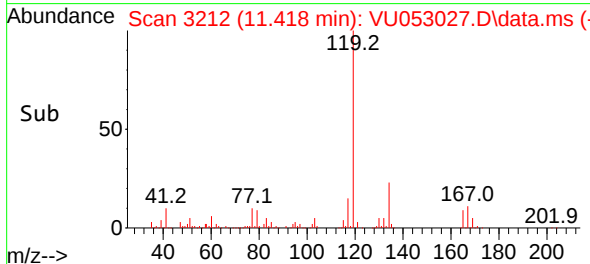
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 329040
Ion Ratio Lower Upper
119 100
91 62.2 28.4 85.3
134 22.0 18.6 27.8

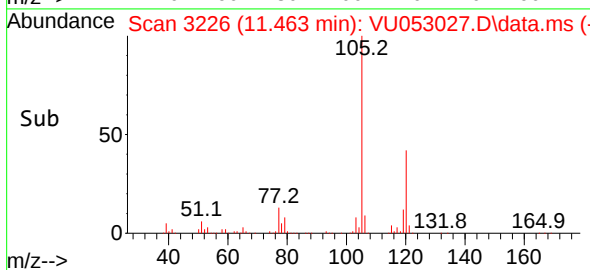
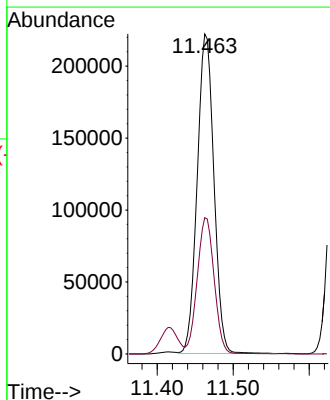
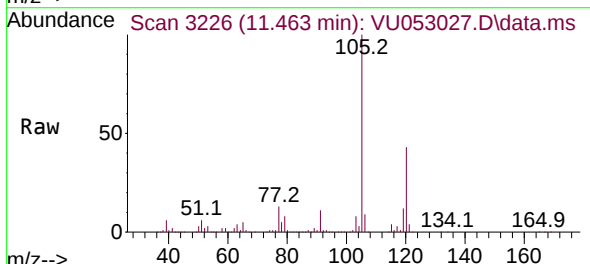
Manual Integrations
APPROVED

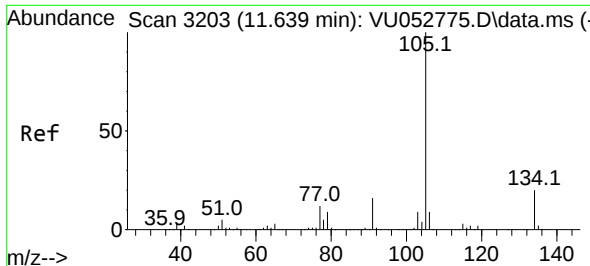
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#78
1,2,4-Trimethylbenzene
Concen: 8.714 ug/l
RT: 11.463 min Scan# 3226
Delta R.T. -0.002 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Tgt Ion:105 Resp: 338883
Ion Ratio Lower Upper
105 100
120 43.2 23.4 70.3





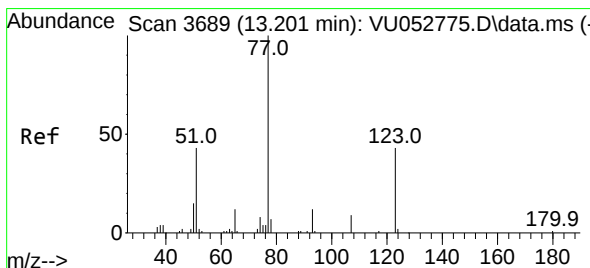
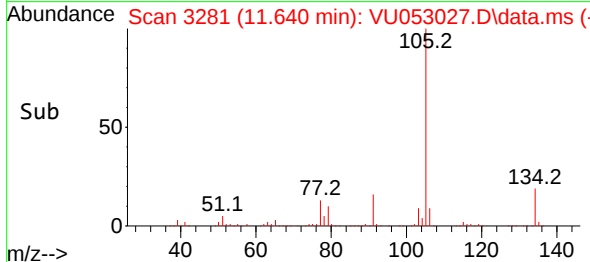
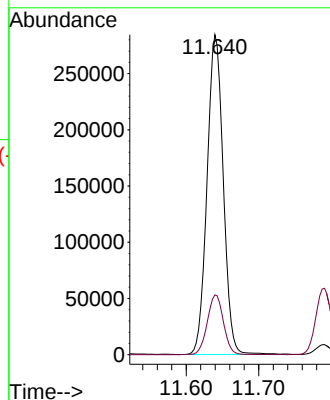
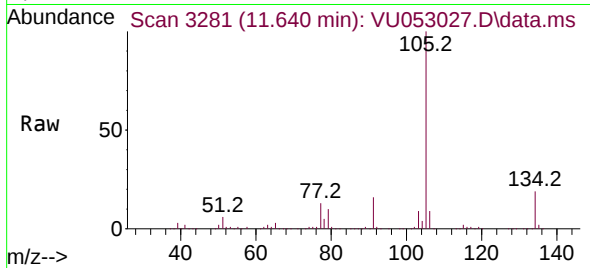
#79
 sec-Butylbenzene
 Concen: 8.831 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VU053027.D
 Acq: 09 Feb 2023 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:105 Resp: 44118
 Ion Ratio Lower Upper
 105 100
 134 18.7 16.5 24.7

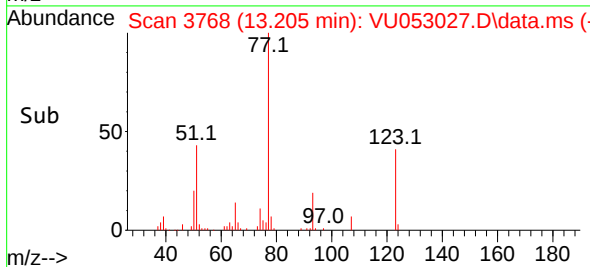
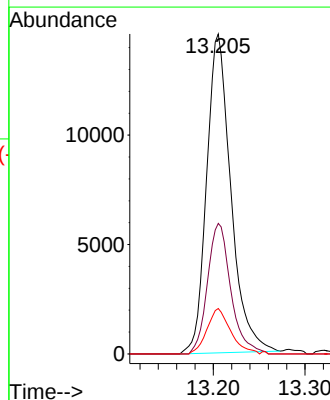
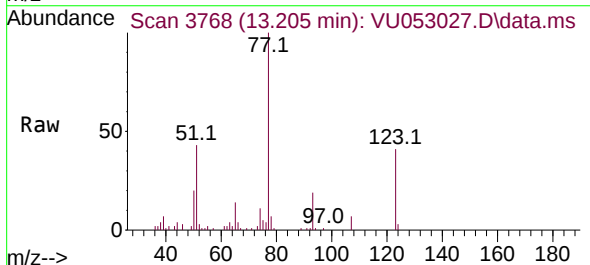
Manual Integrations
 APPROVED

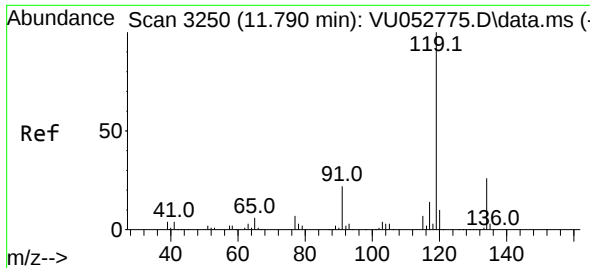
Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023



#80
 Nitrobenzene
 Concen: 53.545 ug/l
 RT: 13.205 min Scan# 3768
 Delta R.T. 0.004 min
 Lab File: VU053027.D
 Acq: 09 Feb 2023 19:54

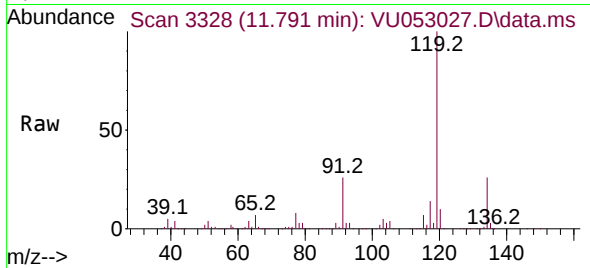
Tgt Ion: 77 Resp: 26831
 Ion Ratio Lower Upper
 77 100
 123 39.2 18.8 66.8
 65 13.9 10.1 12.9#





#81
p-Isopropyltoluene
Concen: 8.130 ug/l
RT: 11.791 min Scan# 3113
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

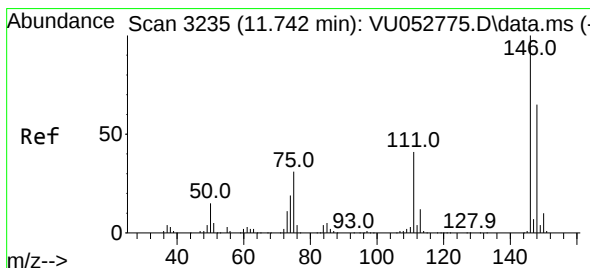
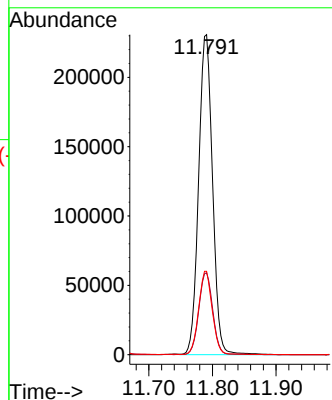
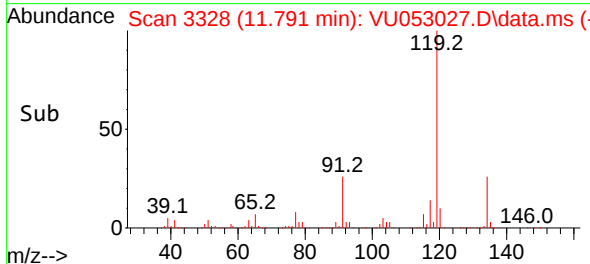
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



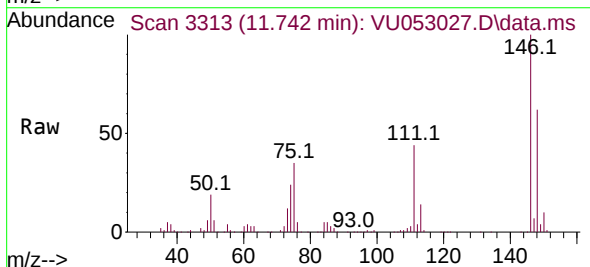
Tgt Ion:119 Resp: 350491
Ion Ratio Lower Upper
119 100
134 25.6 20.7 31.1
91 25.3 17.6 26.4

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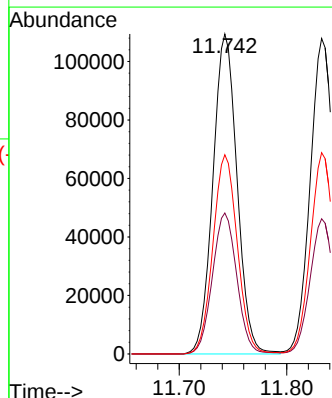
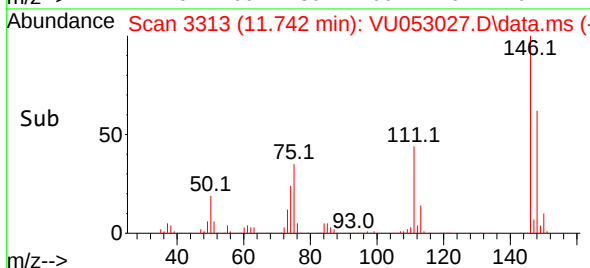
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

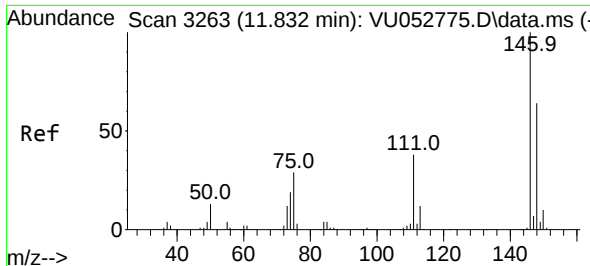


#82
1,3-Dichlorobenzene
Concen: 8.834 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54



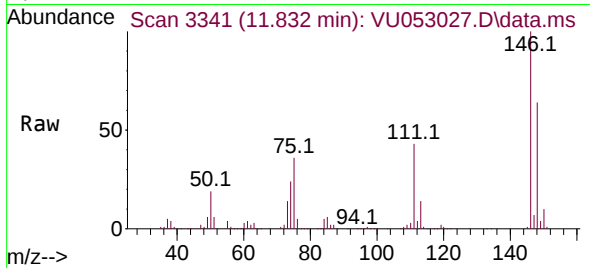
Tgt Ion:146 Resp: 170700
Ion Ratio Lower Upper
146 100
111 44.5 32.6 48.8
148 62.9 51.9 77.9





#83
1,4-Dichlorobenzene
Concen: 8.707 ug/l
RT: 11.832 min Scan# 31
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

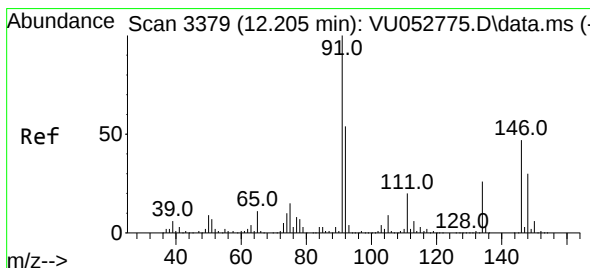
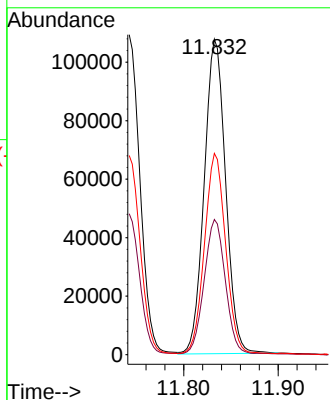
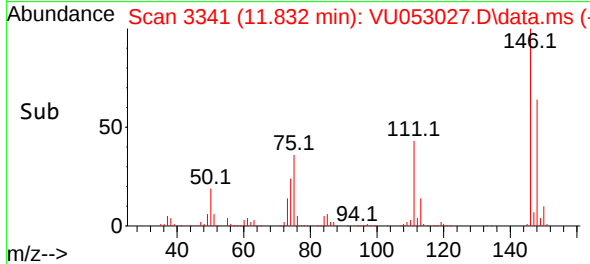
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



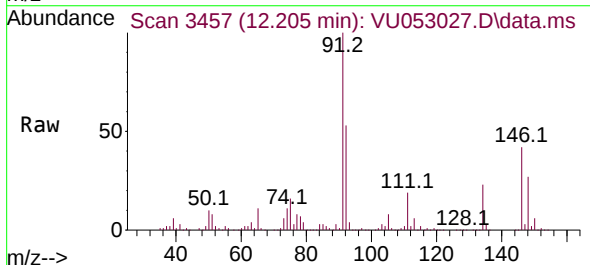
Tgt Ion:146 Resp: 16891
Ion Ratio Lower Upper
146 100
111 42.8 29.5 44.3
148 63.2 51.4 77.0

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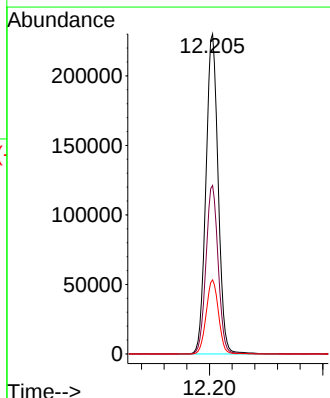
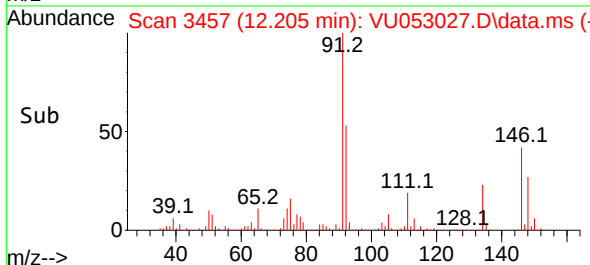
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

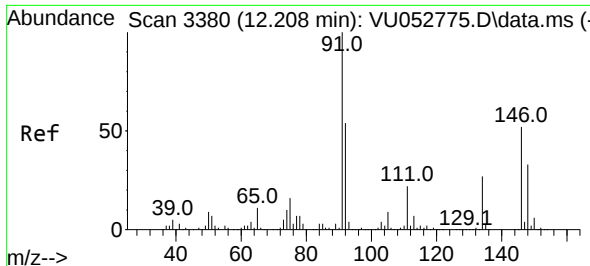


#84
n-Butylbenzene
Concen: 9.039 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. 0.000 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54



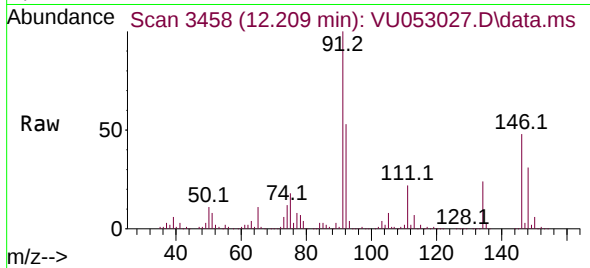
Tgt Ion: 91 Resp: 344326
Ion Ratio Lower Upper
91 100
92 52.7 43.4 65.0
134 23.3 21.2 31.8





#85
1,2-Dichlorobenzene
Concen: 8.951 ug/l
RT: 12.209 min Scan# 34
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

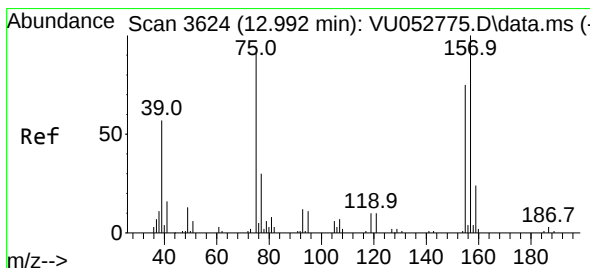
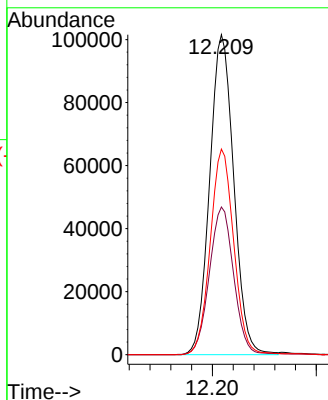
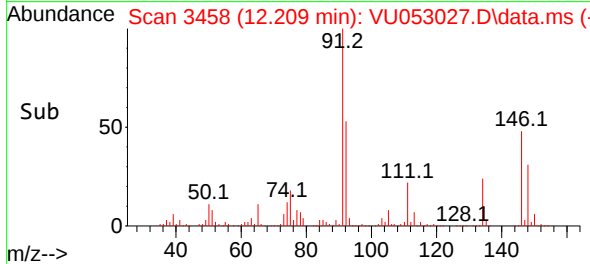
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 16323
Ion Ratio Lower Upper
146 100
111 46.9 20.8 62.5
148 63.1 31.4 94.2

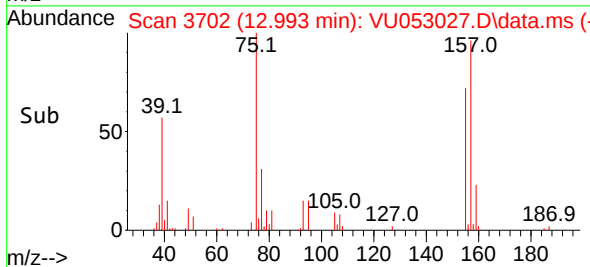
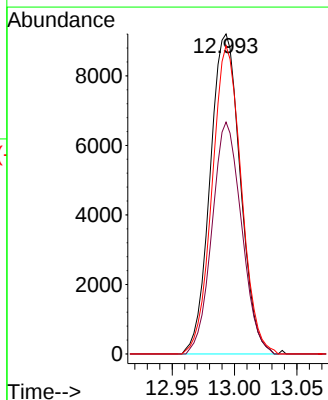
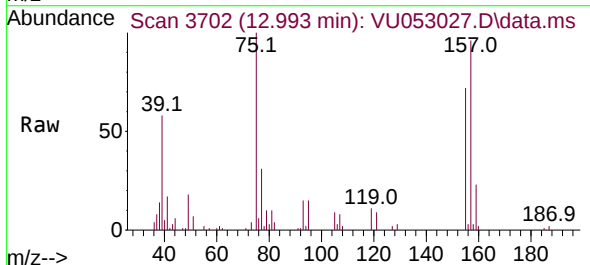
Manual Integrations
APPROVED

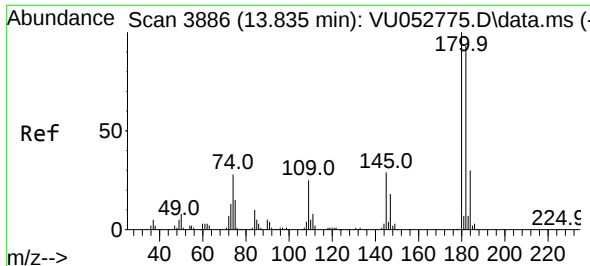
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.347 ug/l
RT: 12.993 min Scan# 3702
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

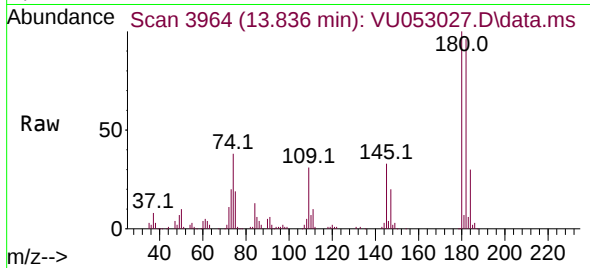
Tgt Ion: 75 Resp: 15516
Ion Ratio Lower Upper
75 100
155 70.8 66.0 99.0
157 93.1 85.9 128.9





#87
1,2,4-Trichlorobenzene
Concen: 9.566 ug/l
RT: 13.836 min Scan# 3964
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

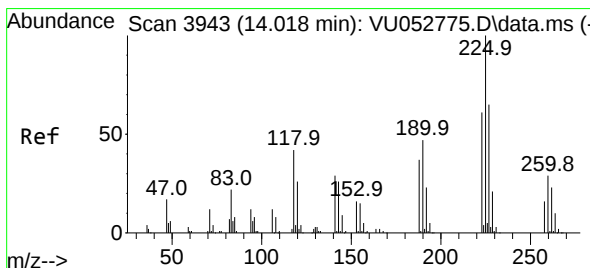
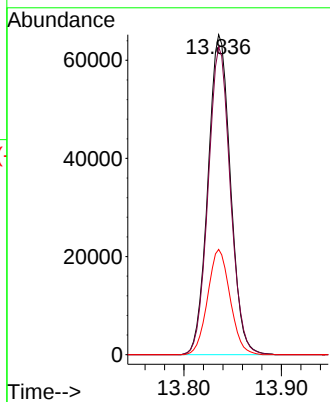
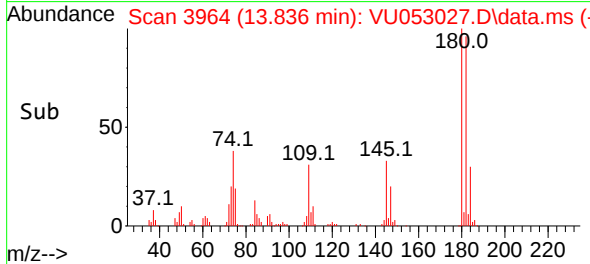
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 104634
Ion Ratio Lower Upper
180 100
182 95.0 74.6 112.0
145 32.8 23.4 35.0

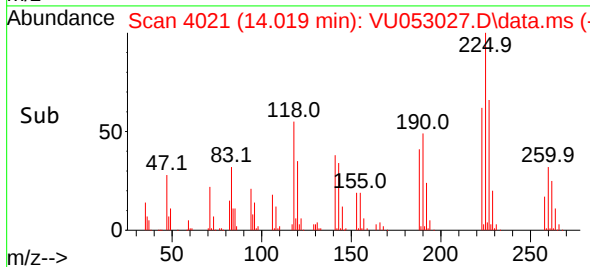
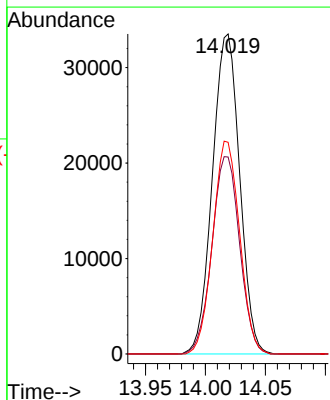
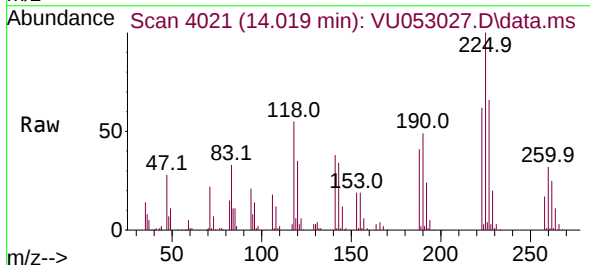
Manual Integrations
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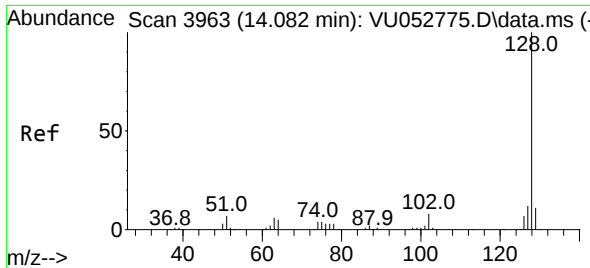
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#88
Hexachlorobutadiene
Concen: 6.901 ug/l
RT: 14.019 min Scan# 4021
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

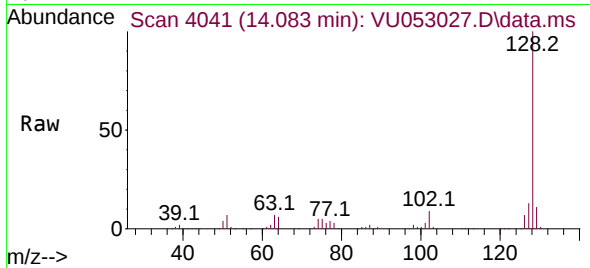
Tgt Ion:225 Resp: 52903
Ion Ratio Lower Upper
225 100
223 62.7 49.8 74.6
227 65.5 51.5 77.3





#89
Naphthalene
Concen: 10.352 ug/l
RT: 14.083 min Scan# 4011
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

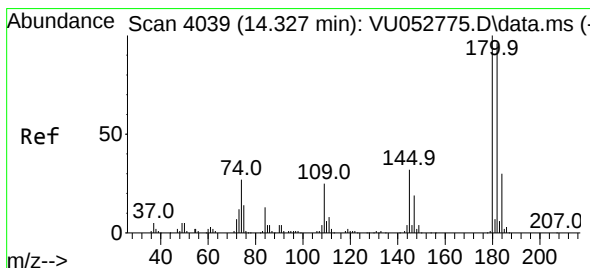
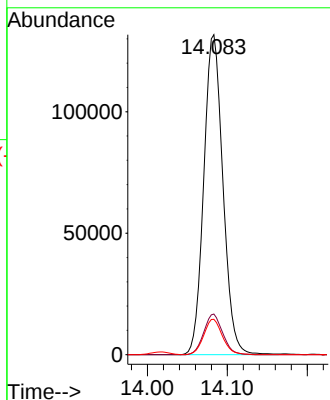
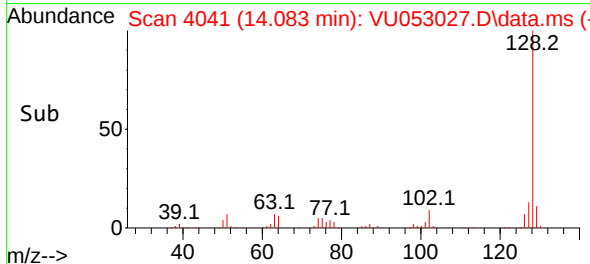
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 219520
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.8 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: 8.978 ug/l
RT: 14.328 min Scan# 4117
Delta R.T. 0.001 min
Lab File: VU053027.D
Acq: 09 Feb 2023 19:54

Tgt Ion:180 Resp: 93210
Ion Ratio Lower Upper
180 100
182 96.5 77.8 116.6
145 35.2 25.2 37.8

