

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020923\
 Data File : VU053015.D
 Acq On : 09 Feb 2023 13:26
 Operator : JC/MD
 Sample : VU0209WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0209WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 09 13:46:51 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	6.112	96	33216	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	12904	1.168	ug/l	0.00
Spiked Amount 1.000			Recovery	=	117.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	10824	0.952	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	19290	1.716	ug/l	96
3) Chloromethane	1.518	50	19982	1.873	ug/l	99
4) Vinyl Chloride	1.605	62	21968	2.133	ug/l	98
5) Bromomethane	1.859	94	12833	2.397	ug/l	94
6) Chloroethane	1.936	64	13064	2.109	ug/l	97
7) Trichlorofluoromethane	2.138	101	33493	2.232	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	19142	2.333	ug/l	92
9) 1,1-Dichloroethene	2.579	96	17353	2.239	ug/l	94
10) Iodomethane	2.720	142	20935	2.440	ug/l	96
11) Allyl Chloride	2.920	41	23447	2.532	ug/l	99
12) Acrylonitrile	3.325	53	8102	4.930	ug/l	# 91
13) Acetone	2.659	43	35679	15.308	ug/l	92
14) Carbon Disulfide	2.791	76	50835	1.958	ug/l	98
15) Methylene Chloride	3.042	84	20344	2.173	ug/l	96
16) trans-1,2-Dichloroethene	3.347	96	19147	2.220	ug/l	96
17) 1,1-Dichloroethane	3.865	63	37473	2.574	ug/l	95
18) 2-Butanone	4.733	43	38932	14.378	ug/l	89
19) Cyclohexane	5.379	56	28950	2.261	ug/l	96
20) Methylcyclohexane	6.759	83	30195	2.113	ug/l	98
21) 2,2-Dichloropropane	4.659	77	33980	2.513	ug/l	98
22) cis-1,2-Dichloroethene	4.665	96	20902	2.319	ug/l	92
23) Diethyl Ether	2.376	59	13468	2.458	ug/l	96
24) tert-Butyl Alcohol	3.347	59	11318m	17.155	ug/l	
25) Methyl tert-Butyl Ether	3.363	73	49255	2.770	ug/l	96
26) Bromochloromethane	4.971	128	8924	2.121	ug/l	84
27) Chloroform	5.087	83	37041	2.373	ug/l	100
28) 1,1,1-Trichloroethane	5.312	97	34229	2.375	ug/l	98
29) 1,1-Dichloropropene	5.521	75	24826	2.043	ug/l	99
30) Carbon Tetrachloride	5.518	117	23618	1.806	ug/l	97
31) Isopropyl Ether	3.994	45	54025	2.581	ug/l	99
32) Ethyl-t-butyl ether	4.508	59	55303	2.830	ug/l	96
33) Tert-Amyl methyl ether	5.945	73	43075	2.492	ug/l	98
34) Propionitrile	4.820	54	6846	11.042	ug/l	# 2
35) Benzene	5.768	78	67875	1.925	ug/l	98
36) 1,2-Dichloroethane	5.794	62	19751	1.865	ug/l	95
37) Trichloroethene	6.540	130	17383	1.808	ug/l	90
38) 1,2-Dichloropropane	6.791	63	18942	2.117	ug/l	96
39) Methacrylonitrile	4.984	41	5889	2.378	ug/l	# 88
40) Methyl acrylate	4.852	55	11134	2.537	ug/l	98
41) Tetrahydrofuran	5.074	42	6924	5.621	ug/l	# 71
42) 1-Chlorobutane	5.453	56	32309	2.080	ug/l	99
43) Dibromomethane	6.919	93	8990	1.985	ug/l	85
44) Bromodichloromethane	7.103	83	24838	2.022	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	52295	10.990	ug/l	95
46) t-1,4-Dichloro-2-butene	10.832	75	10331m	4.141	ug/l	
47) Methyl methacrylate	6.964	69	17865	4.438	ug/l	97
48) Ethyl methacrylate	8.334	69	18152	2.488	ug/l	97
49) Toluene	7.968	92	42875	2.003	ug/l	94
50) t-1,3-Dichloropropene	8.209	75	24086	2.248	ug/l	96
51) cis-1,3-Dichloropropene	7.607	75	28363	2.250	ug/l	96
52) 1,1,2-Trichloroethane	8.398	97	13410	2.083	ug/l	96
53) 1,3-Dichloropropane	8.575	76	22591	2.030	ug/l	98
54) 2-Hexanone	8.688	43	50892	12.225	ug/l	96
55) Dibromochloromethane	8.807	129	15376	1.826	ug/l	97
56) 1,2-Dibromoethane	8.923	107	12147	1.981	ug/l	97
58) Tetrachloroethene	8.550	164	13790	1.590	ug/l	91
59) Chlorobenzene	9.443	112	45681	1.961	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.533	131	16025	1.777	ug/l	94
61) Pentachloroethane	11.424	117	13605	1.841	ug/l	88
62) Hexachloroethane	12.469	117	14800	1.983	ug/l #	77
63) Ethyl Benzene	9.566	91	85731	2.271	ug/l	99
64) m/p-Xylenes	9.691	106	62246	4.137	ug/l	92
65) o-Xylene	10.096	106	31820	2.191	ug/l	95
66) Styrene	10.112	104	49072	2.100	ug/l	94
67) Bromoform	10.289	173	8111	1.632	ug/l #	97
69) Isopropylbenzene	10.482	105	82247	2.226	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.781	83	17575	2.190	ug/l #	96
71) 1,2,3-Trichloropropane	10.832	75	16370m	2.356	ug/l	
72) Bromobenzene	10.781	156	16261	1.733	ug/l	83
73) n-propylbenzene	10.903	120	21676	2.103	ug/l	90
74) 2-Chlorotoluene	10.984	126	18313	1.962	ug/l	87
75) 1,3,5-Trimethylbenzene	11.083	105	69077	2.164	ug/l	94
76) 4-Chlorotoluene	11.093	126	19503	2.036	ug/l	92
77) tert-Butylbenzene	11.418	119	66661	2.075	ug/l	92
78) 1,2,4-Trimethylbenzene	11.463	105	70590	2.190	ug/l	94
79) sec-Butylbenzene	11.640	105	90796	2.173	ug/l	95
80) Nitrobenzene	13.209	77	5619	11.309	ug/l #	91
81) p-Isopropyltoluene	11.787	119	72231	2.074	ug/l #	94
82) 1,3-Dichlorobenzene	11.742	146	34483	1.800	ug/l	95
83) 1,4-Dichlorobenzene	11.832	146	34219	1.779	ug/l #	93
84) n-Butylbenzene	12.202	91	71416	2.329	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	31571	1.746	ug/l	93
86) 1,2-Dibromo-3-Chloropr...	12.990	75	3136	2.109	ug/l #	80
87) 1,2,4-Trichlorobenzene	13.836	180	20672	1.906	ug/l	95
88) Hexachlorobutadiene	14.016	225	10953	1.441	ug/l	99
89) Naphthalene	14.083	128	45708	2.174	ug/l	99
90) 1,2,3-Trichlorobenzene	14.324	180	19249	1.870	ug/l	97

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

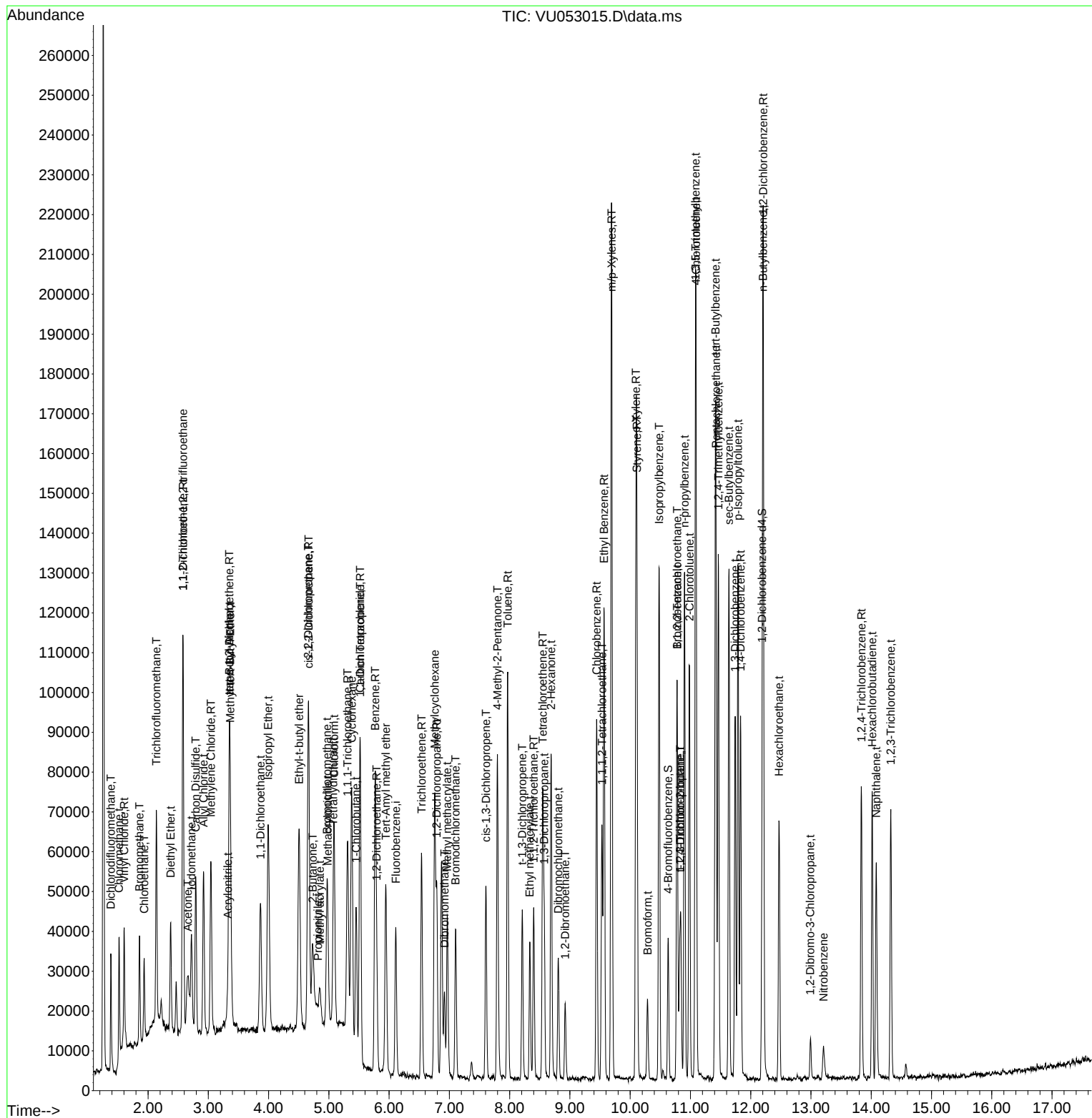
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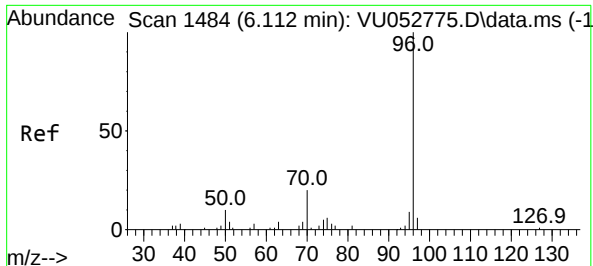
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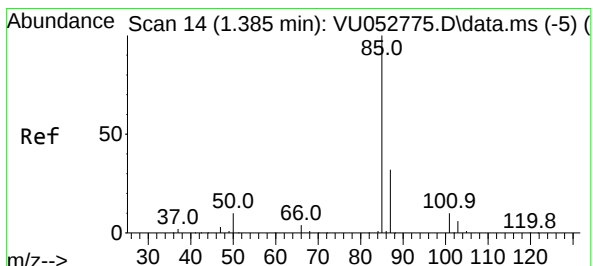
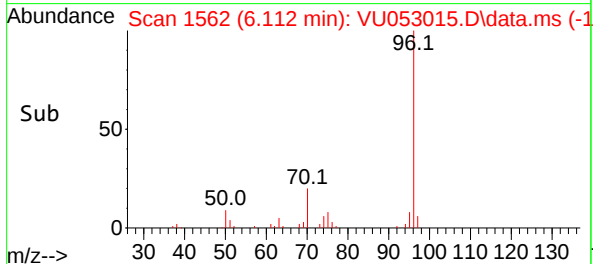
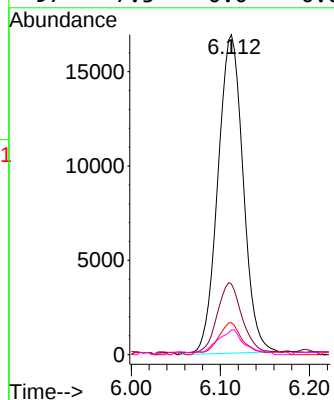
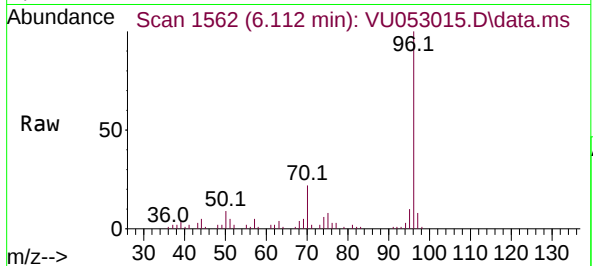
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01

Tgt Ion: 96 Resp: 33210
Ion Ratio Lower Upper
96 100
70 21.1 16.2 24.4
95 9.0 7.4 11.0
97 7.3 0.0 0.0#

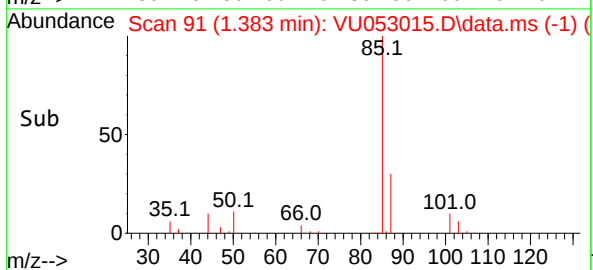
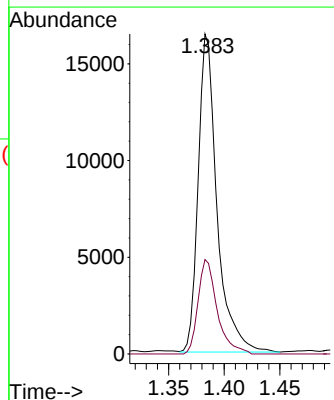
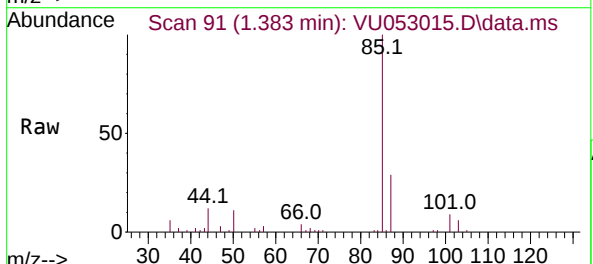
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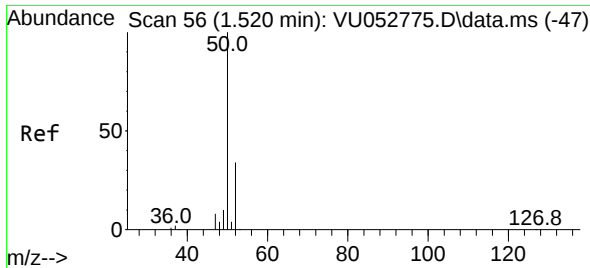
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#2
Dichlorodifluoromethane
Concen: 1.716 ug/l
RT: 1.383 min Scan# 91
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Tgt Ion: 85 Resp: 19290
Ion Ratio Lower Upper
85 100
87 29.7 16.1 48.2





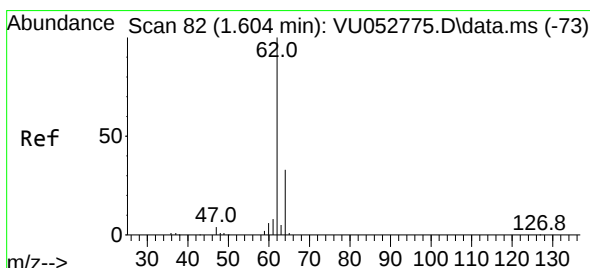
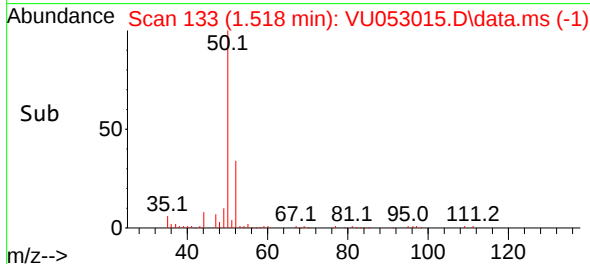
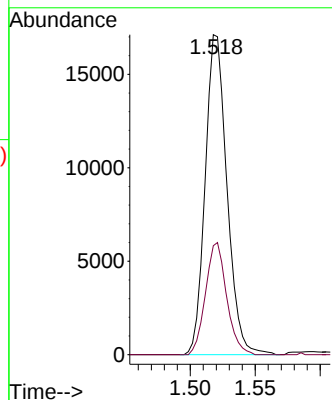
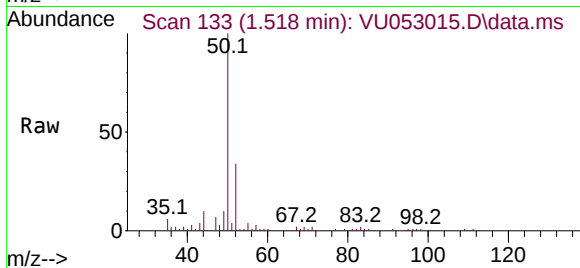
#3
Chloromethane
Concen: 1.873 ug/l
RT: 1.518 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Instrument :
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Tgt Ion: 50 Resp: 1998
Ion Ratio Lower Upper
50 100
52 34.0 26.8 40.2

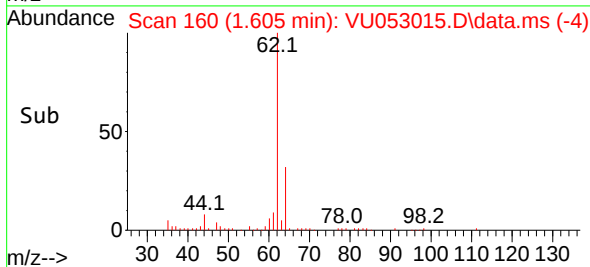
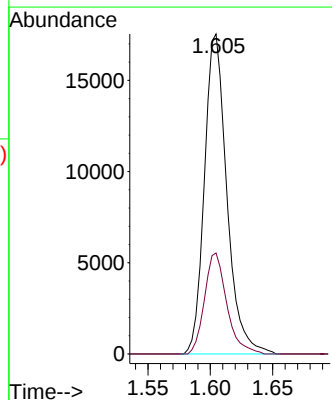
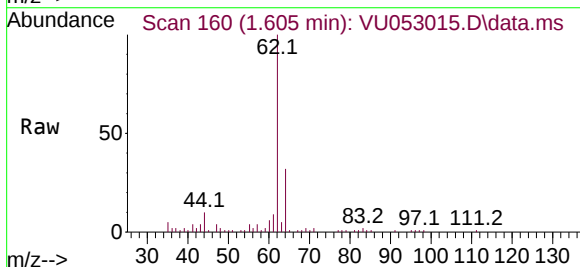
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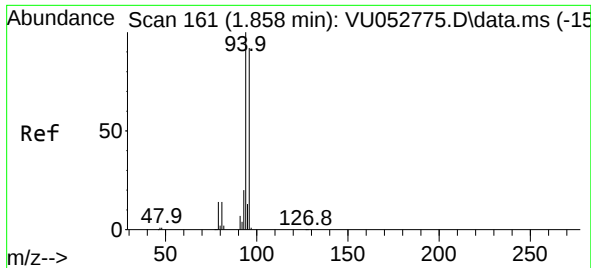
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#4
Vinyl Chloride
Concen: 2.133 ug/l
RT: 1.605 min Scan# 160
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Tgt Ion: 62 Resp: 21968
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





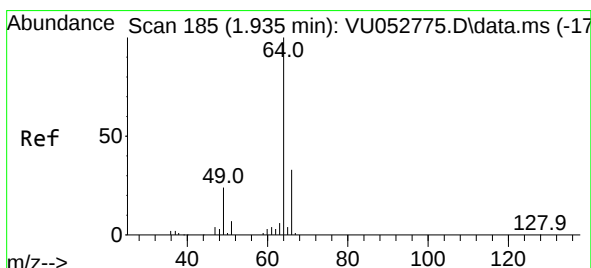
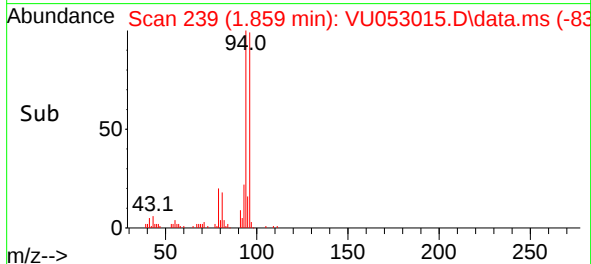
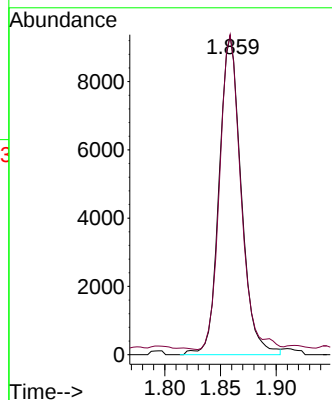
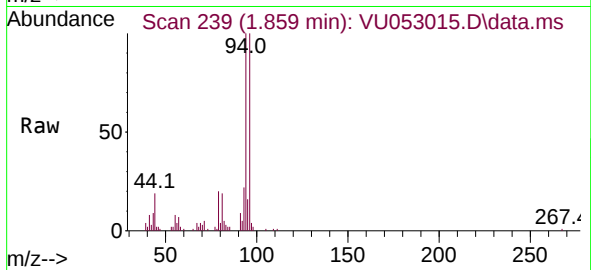
#5
Bromomethane
Concen: 2.397 ug/l
RT: 1.859 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 1283
Ion Ratio Lower Upper
94 100
96 98.4 73.8 110.6

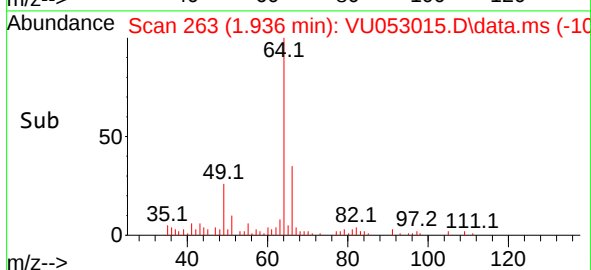
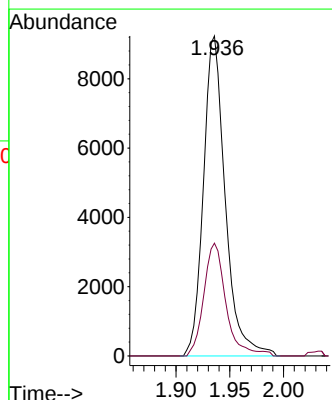
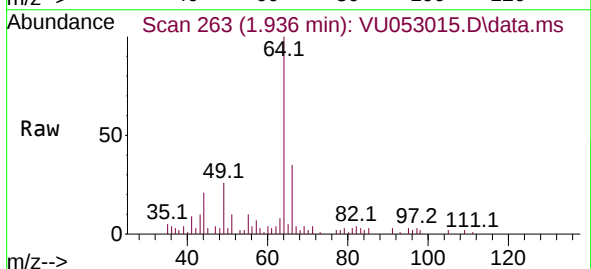
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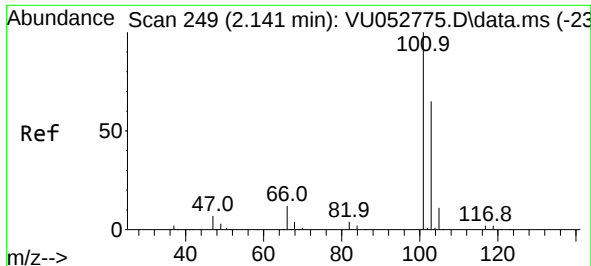
Reviewed By :Krupa Patel 02/10/2023
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#6
Chloroethane
Concen: 2.109 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Tgt Ion: 64 Resp: 13064
Ion Ratio Lower Upper
64 100
66 35.3 26.6 40.0





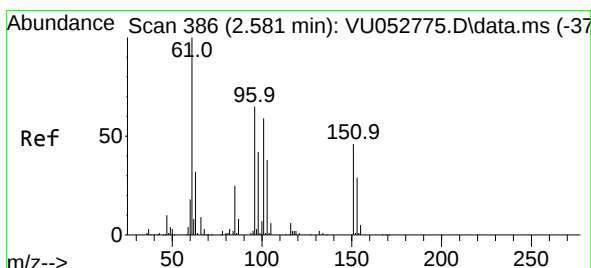
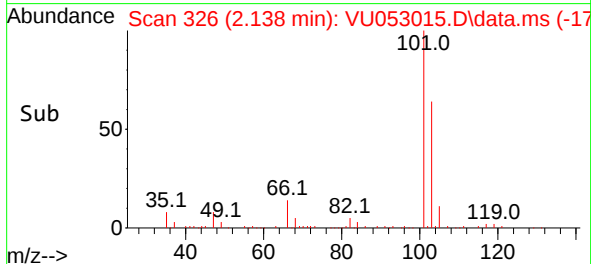
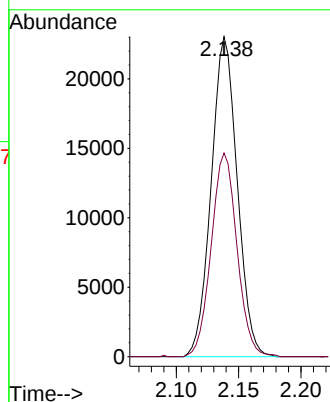
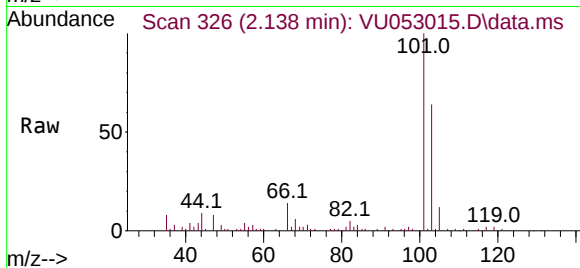
#7
 Trichlorofluoromethane
 Concen: 2.232 ug/l
 RT: 2.138 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU053015.D
 Acq: 09 Feb 2023 13:26

Instrument :
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Tgt Ion:101 Resp: 3349
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.6 77.4

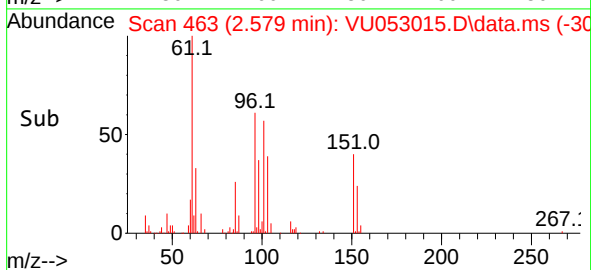
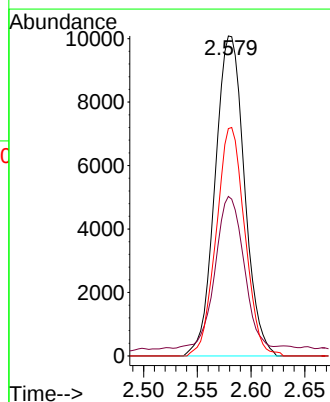
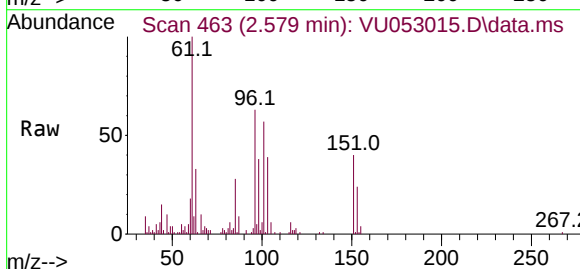
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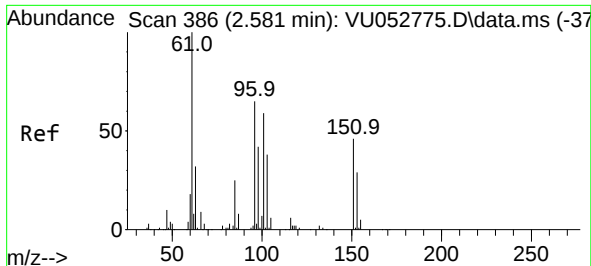
Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.333 ug/l
 RT: 2.579 min Scan# 463
 Delta R.T. -0.003 min
 Lab File: VU053015.D
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Tgt Ion:101 Resp: 19142
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.1 51.1
 151 69.6 63.0 94.4





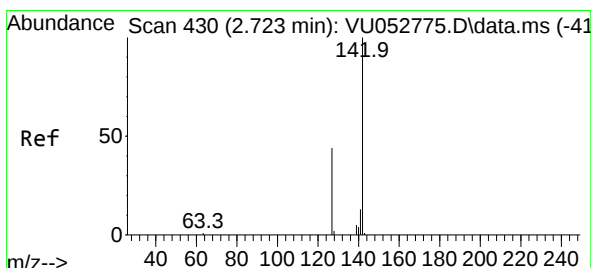
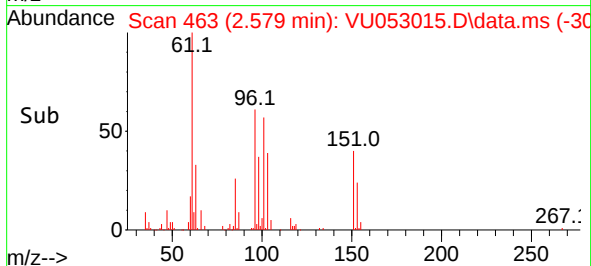
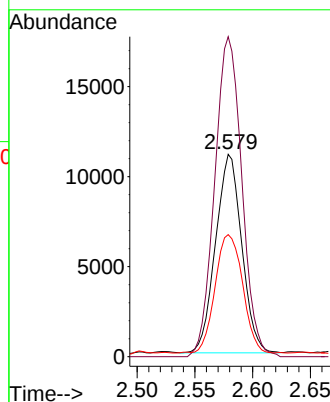
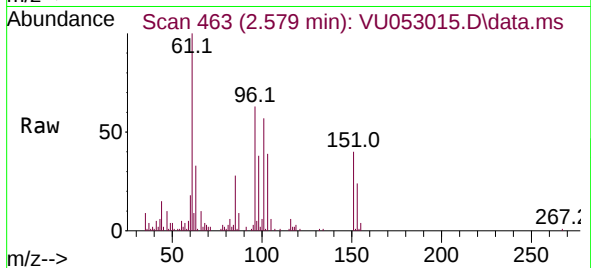
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1,1-Dichloroethene
Concen: 2.239 ug/l
RT: 2.579 min Scan# 40
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01

Tgt Ion: 96 Resp: 1735
Ion Ratio Lower Upper
96 100
61 161.1 0.0 460.5
98 59.5 0.0 128.0

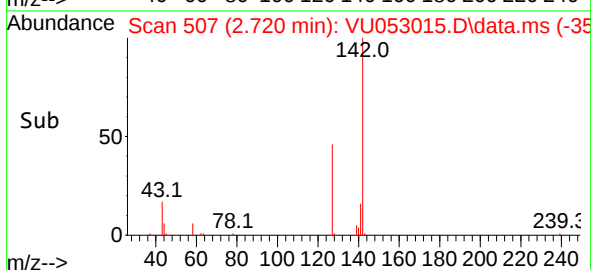
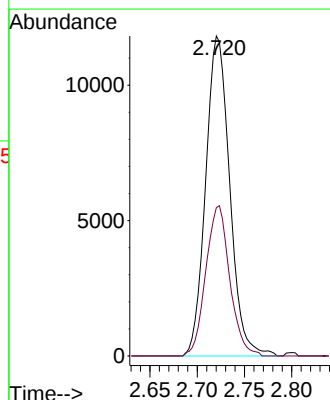
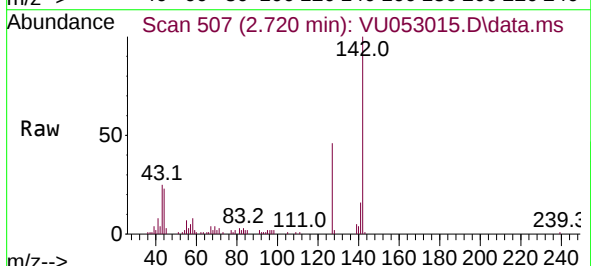
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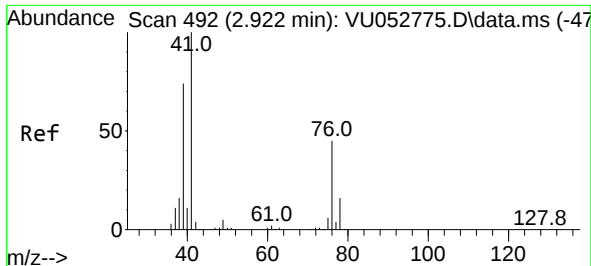
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#10
Iodomethane
Concen: 2.440 ug/l
RT: 2.720 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Tgt Ion:142 Resp: 20935
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.0





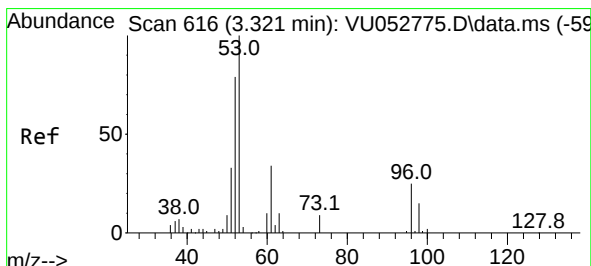
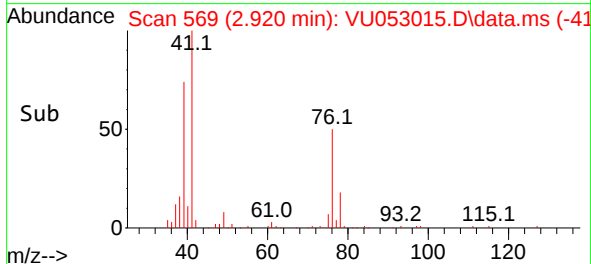
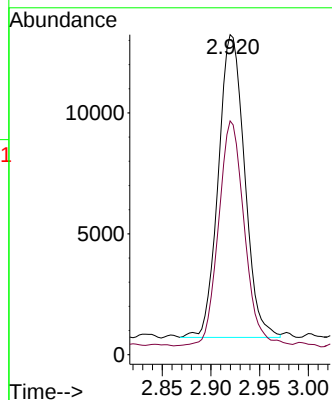
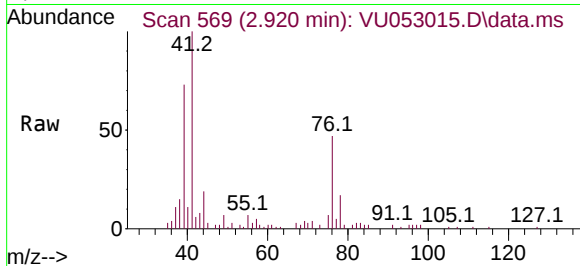
#11
 Allyl Chloride
 Concen: 2.532 ug/l
 RT: 2.920 min Scan# 509
 Delta R.T. -0.003 min
 Lab File: VU053015.D
 Acq: 09 Feb 2023 13:26

Instrument :
 MSVOA_U
 Client Sample Id :
 VU0209WBS01

Tgt Ion: 41 Resp: 2344
 Ion Ratio Lower Upper
 41 100
 39 73.1 59.3 88.9

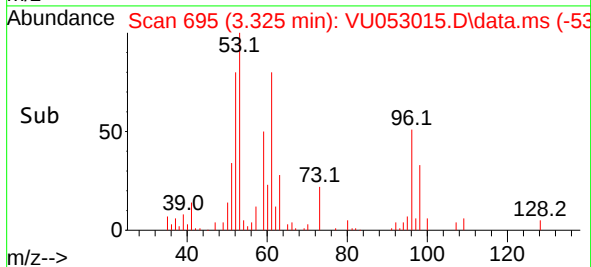
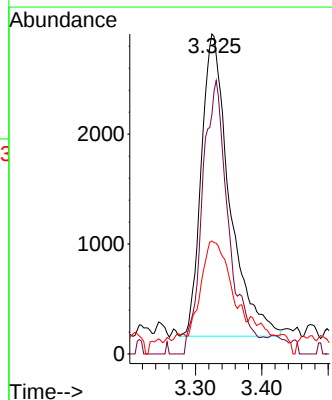
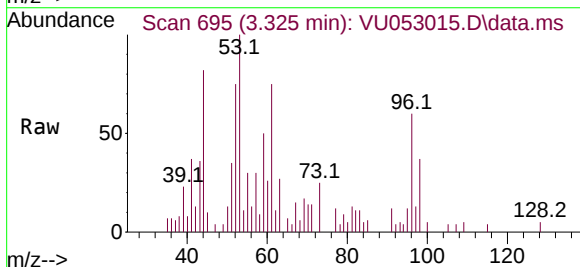
Manual Integrations
 APPROVED

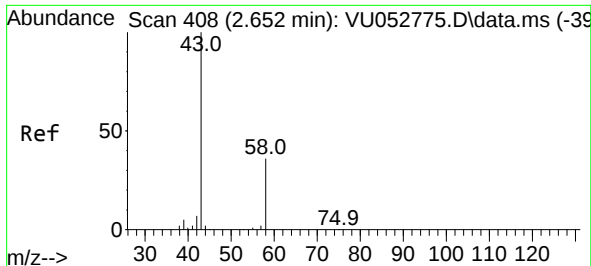
Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023



#12
 Acrylonitrile
 Concen: 4.930 ug/l
 RT: 3.325 min Scan# 695
 Delta R.T. 0.004 min
 Lab File: VU053015.D
 Acq: 09 Feb 2023 13:26

Tgt Ion: 53 Resp: 8102
 Ion Ratio Lower Upper
 53 100
 52 84.8 63.0 94.4
 51 30.3 31.3 46.9





#13

Acetone

Concen: 15.308 ug/l

RT: 2.659 min Scan# 41

Delta R.T. 0.007 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

Tgt Ion: 43 Resp: 35679

Ion Ratio Lower Upper

43 100

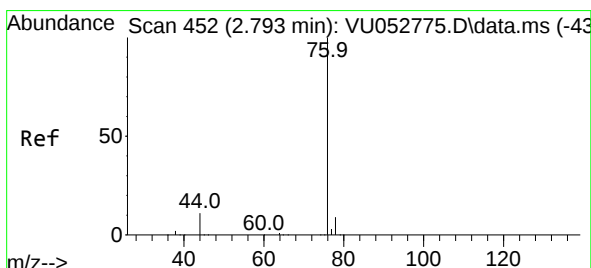
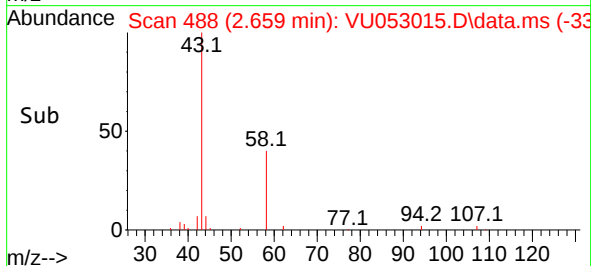
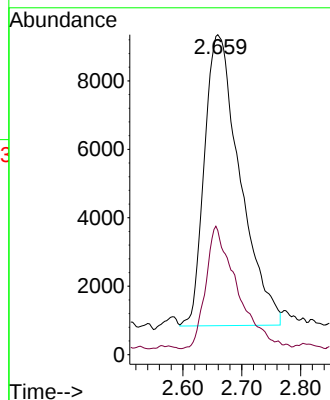
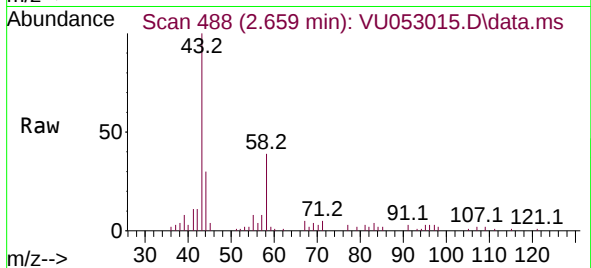
58 40.6 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#14

Carbon Disulfide

Concen: 1.958 ug/l

RT: 2.791 min Scan# 529

Delta R.T. -0.003 min

Lab File: VU053015.D

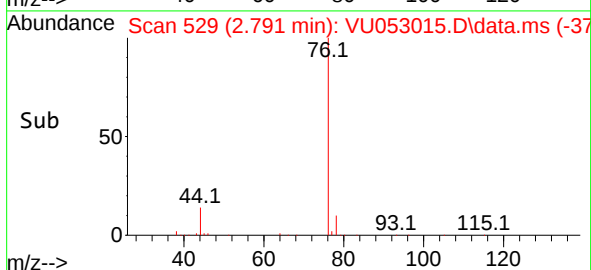
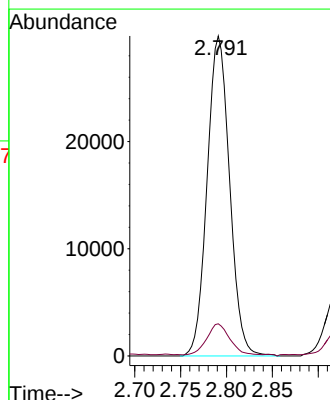
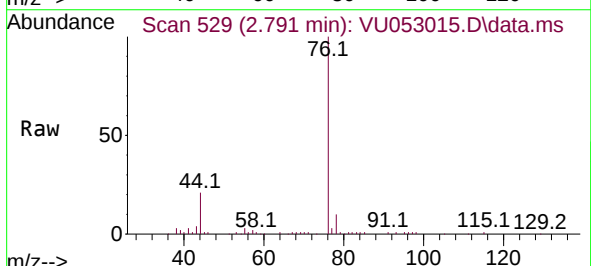
Acq: 09 Feb 2023 13:26

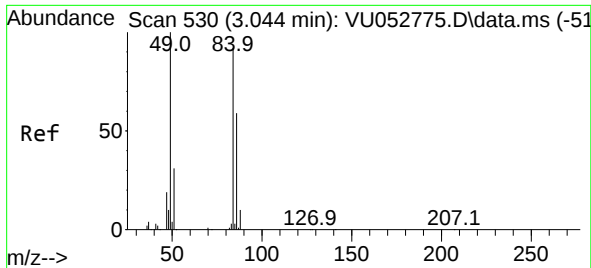
Tgt Ion: 76 Resp: 50835

Ion Ratio Lower Upper

76 100

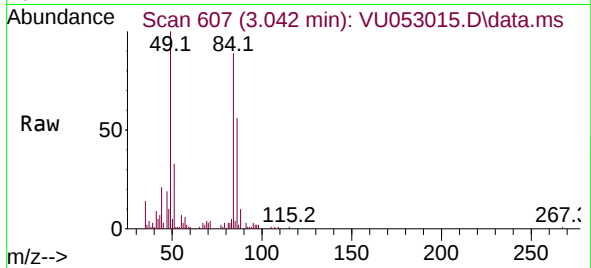
78 9.7 7.1 10.7





#15
Methylene Chloride
Concen: 2.173 ug/l
RT: 3.042 min Scan# 607
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

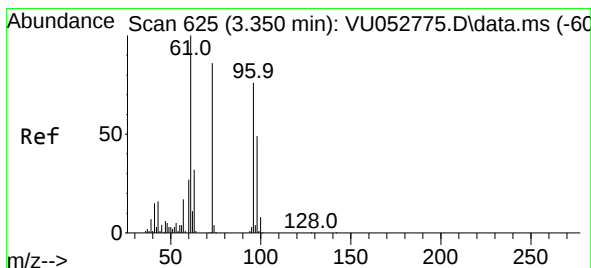
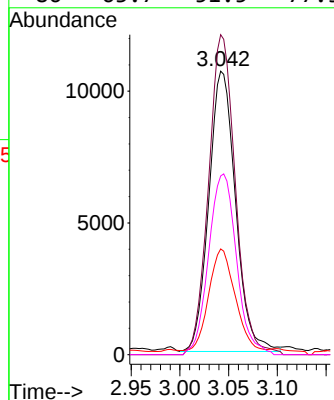
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.2	86.7	130.1
51	36.3	0.0	66.8
86	63.7	51.5	77.3

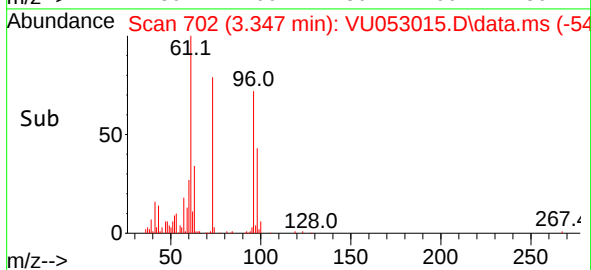
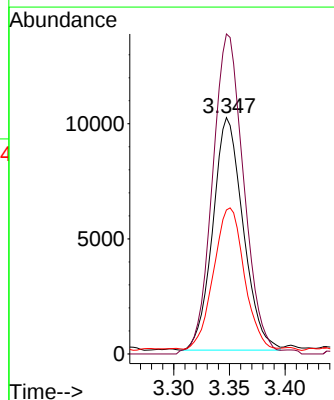
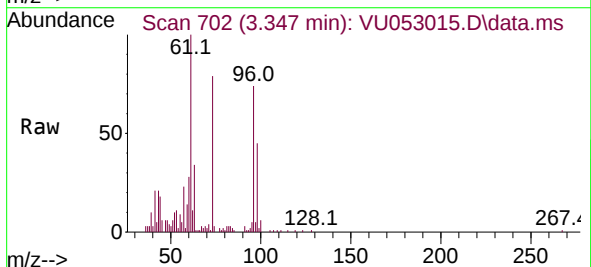
Manual Integrations
APPROVED

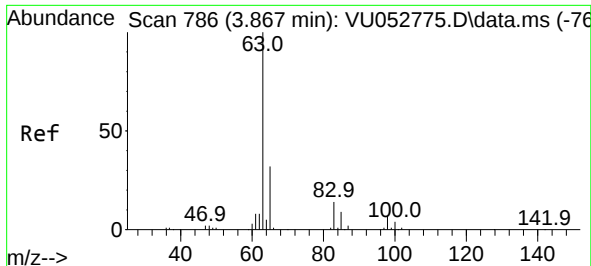
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#16
trans-1,2-Dichloroethene
Concen: 2.220 ug/l
RT: 3.347 min Scan# 702
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.4	105.7	158.5
98	59.7	51.4	77.2





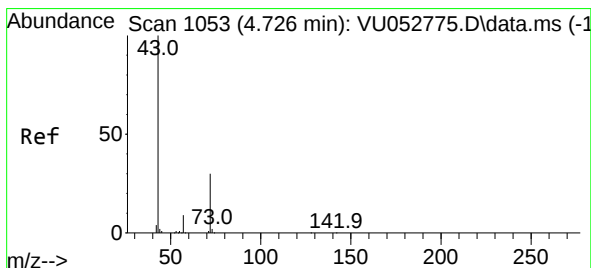
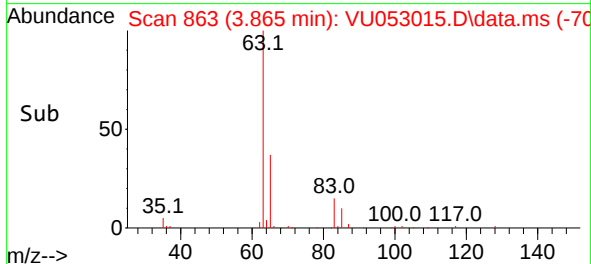
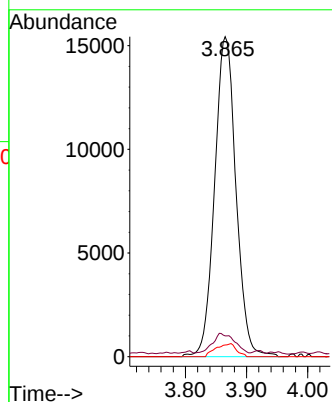
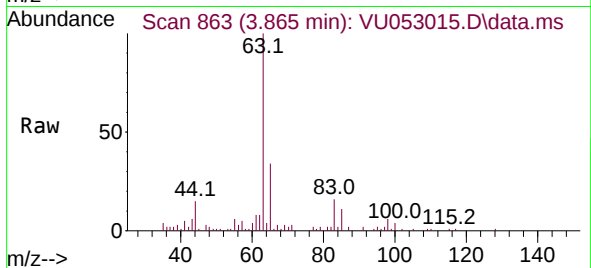
#17
1,1-Dichloroethane
Concen: 2.574 ug/l
RT: 3.865 min Scan# 80
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01

Tgt Ion: 63 Resp: 3747
Ion Ratio Lower Upper
63 100
98 5.3 3.8 11.2
100 3.7 2.2 6.6

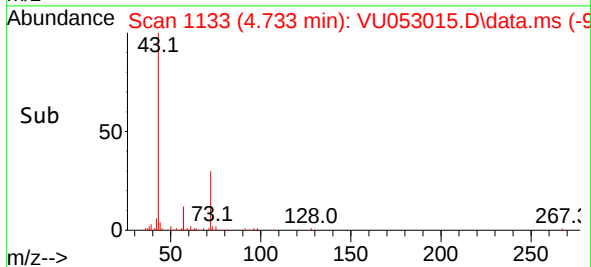
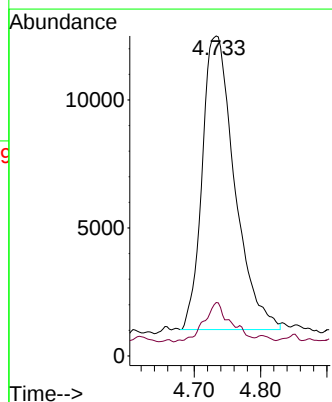
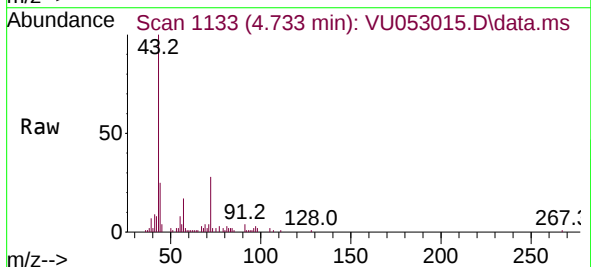
Manual Integrations
APPROVED

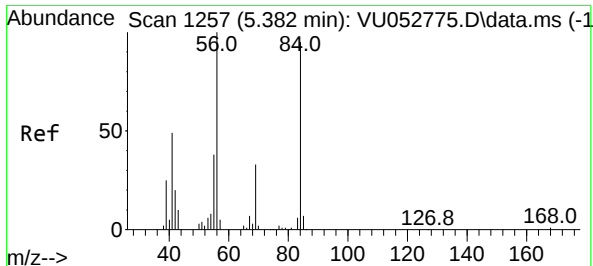
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#18
2-Butanone
Concen: 14.378 ug/l
RT: 4.733 min Scan# 1133
Delta R.T. 0.007 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

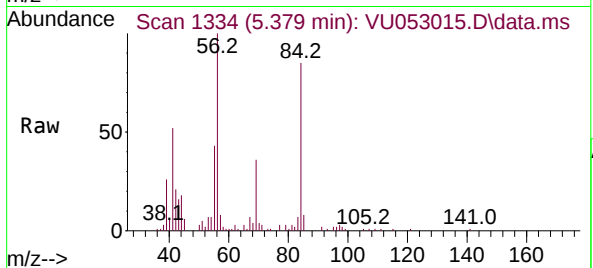
Tgt Ion: 43 Resp: 38932
Ion Ratio Lower Upper
43 100
57 12.8 0.0 17.4





#19
Cyclohexane
Concen: 2.261 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

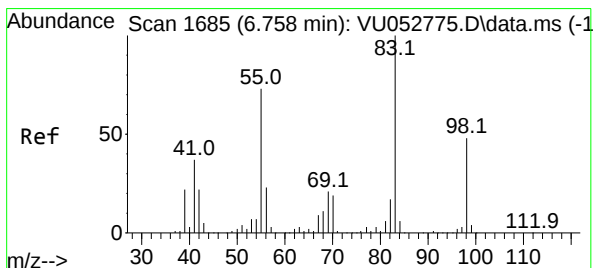
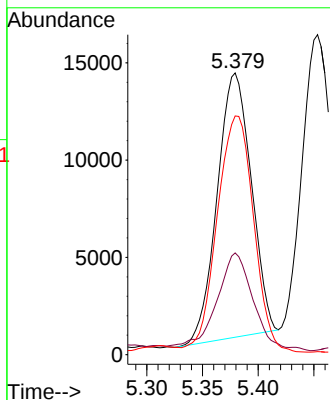
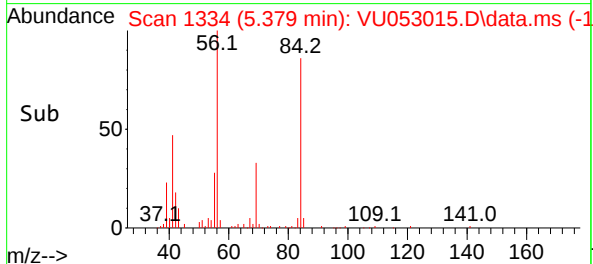
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



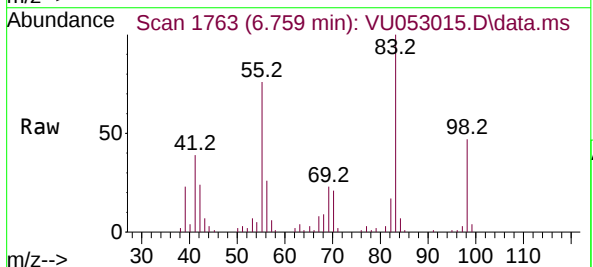
Tgt Ion: 56 Resp: 28950
Ion Ratio Lower Upper
56 100
69 35.6 26.8 40.2
84 92.8 77.0 115.6

Manual Integrations
APPROVED

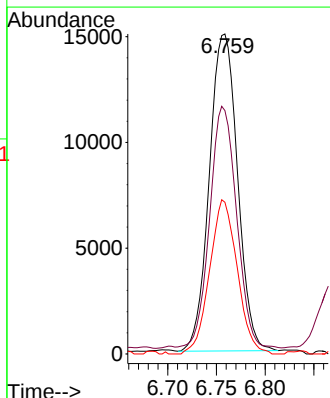
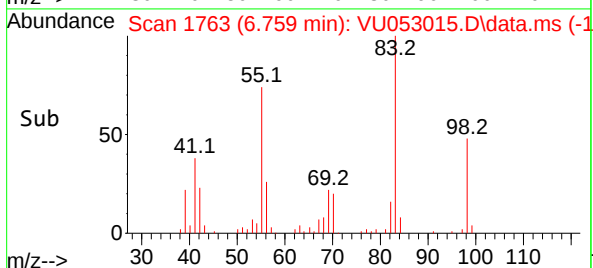
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

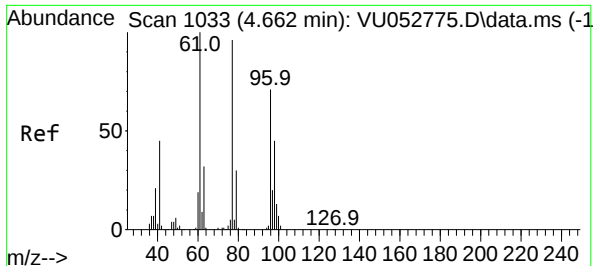


#20
Methylcyclohexane
Concen: 2.113 ug/l
RT: 6.759 min Scan# 1763
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26



Tgt Ion: 83 Resp: 30195
Ion Ratio Lower Upper
83 100
55 72.1 58.7 88.1
98 47.6 39.4 59.2





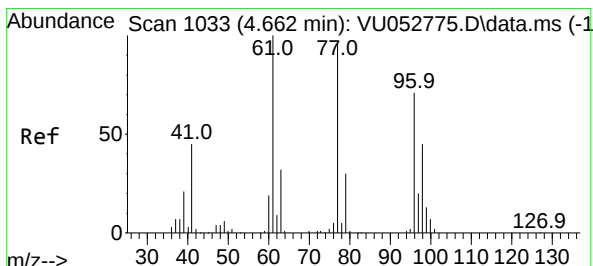
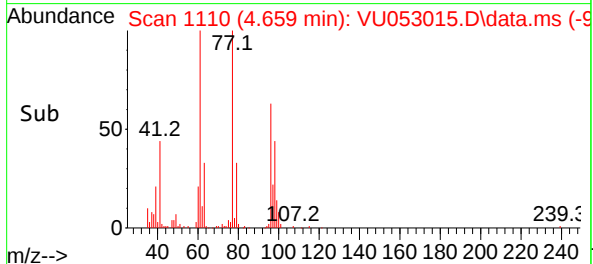
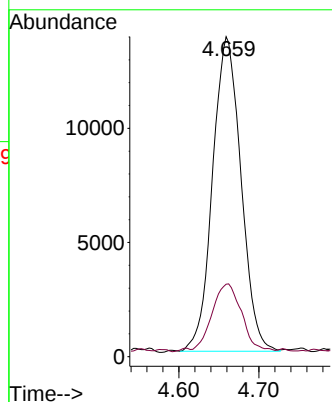
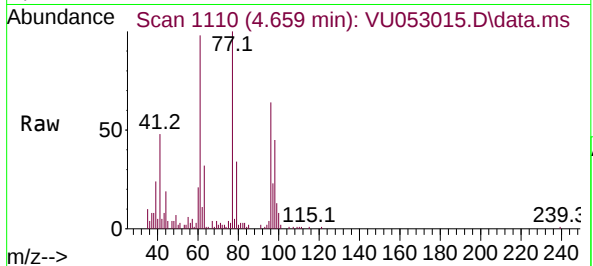
#21
2,2-Dichloropropane
Concen: 2.513 ug/l
RT: 4.659 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01

Tgt Ion: 77 Resp: 33980
Ion Ratio Lower Upper
77 100
97 21.7 16.8 25.2

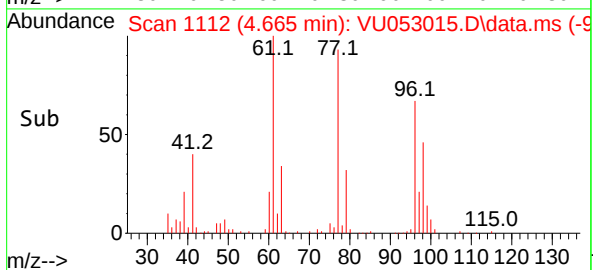
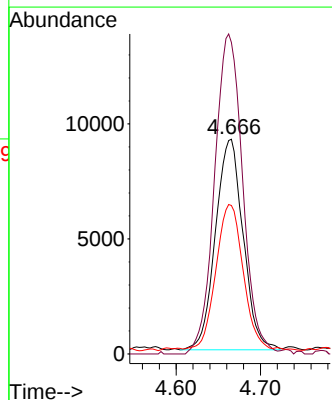
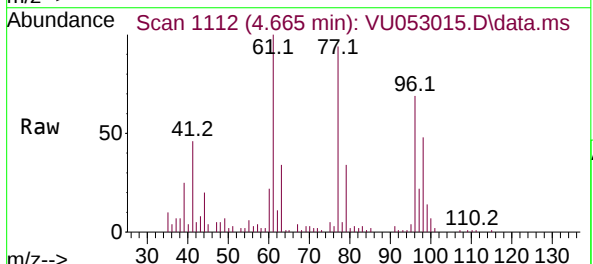
Manual Integrations
APPROVED

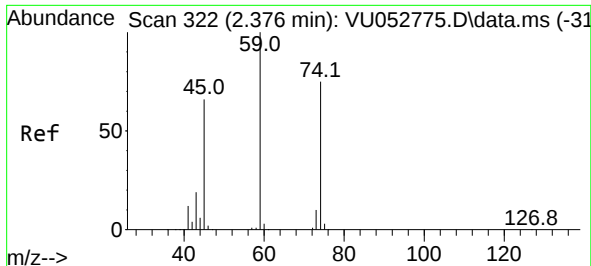
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#22
cis-1,2-Dichloroethene
Concen: 2.319 ug/l
RT: 4.665 min Scan# 1112
Delta R.T. 0.004 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Tgt Ion: 96 Resp: 20902
Ion Ratio Lower Upper
96 100
61 153.9 0.0 353.3
98 66.7 32.6 97.7





#23

Diethyl Ether

Concen: 2.458 ug/l

RT: 2.376 min Scan# 40

Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

Tgt Ion: 59 Resp: 1346

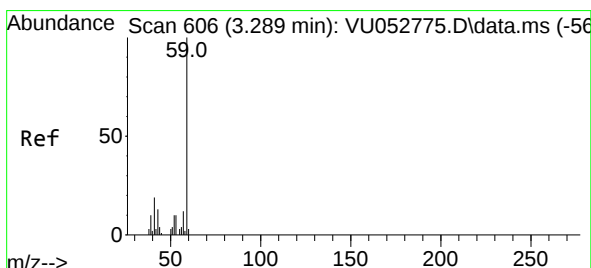
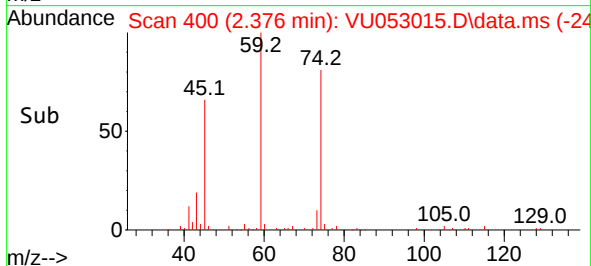
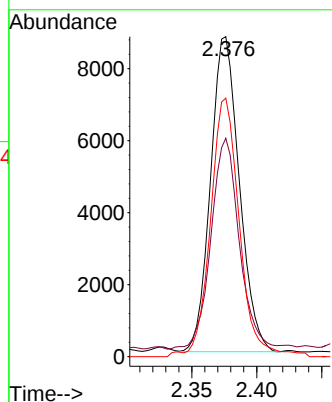
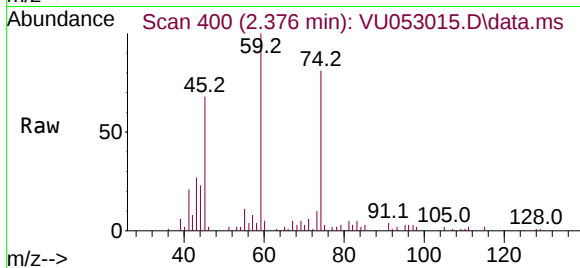
Ion	Ratio	Lower	Upper
59	100		
45	65.7	52.1	78.1
74	82.7	61.6	92.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#24

tert-Butyl Alcohol

Concen: 17.155 ug/l m

RT: 3.347 min Scan# 702

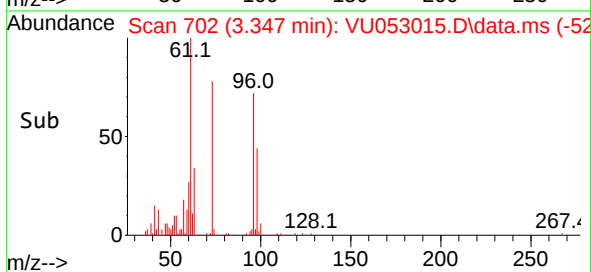
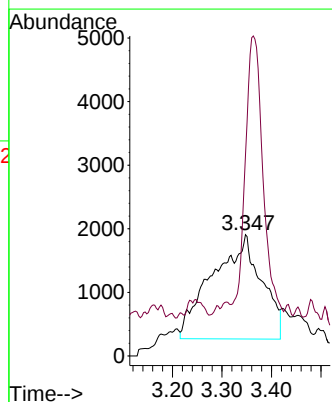
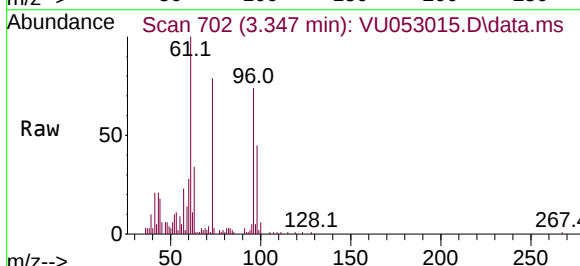
Delta R.T. 0.059 min

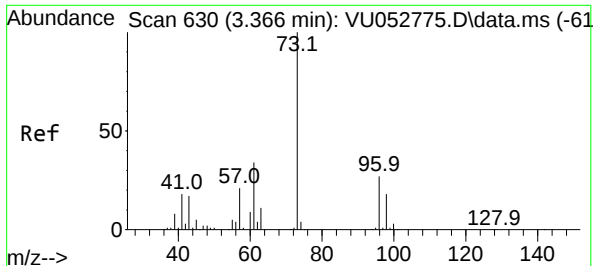
Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Tgt Ion: 59 Resp: 11318

Ion	Ratio	Lower	Upper
59	100		
57	92.5	45.8	68.8





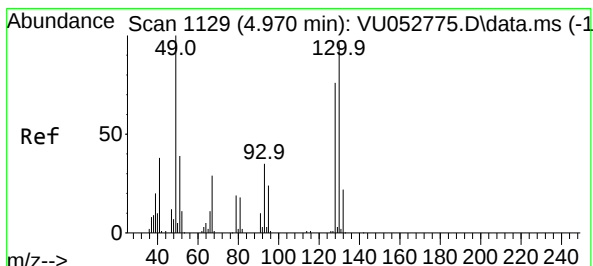
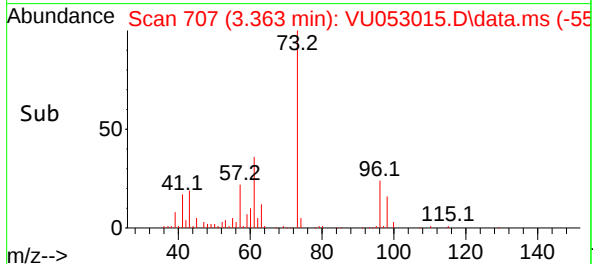
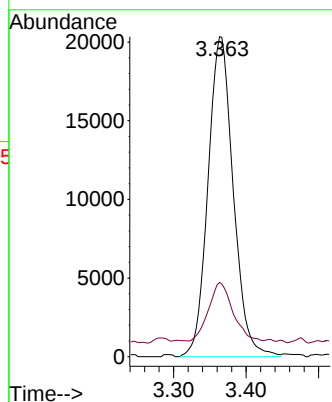
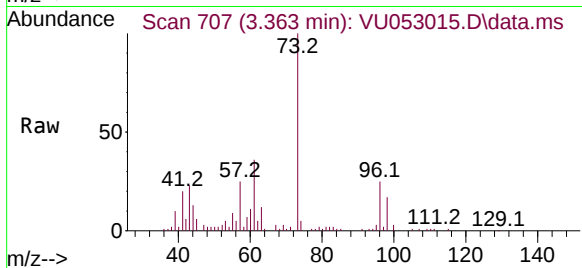
#25
Methyl tert-Butyl Ether
Concen: 2.770 ug/l
RT: 3.363 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01

Tgt Ion: 73 Resp: 4925
Ion Ratio Lower Upper
73 100
43 17.4 15.3 22.9

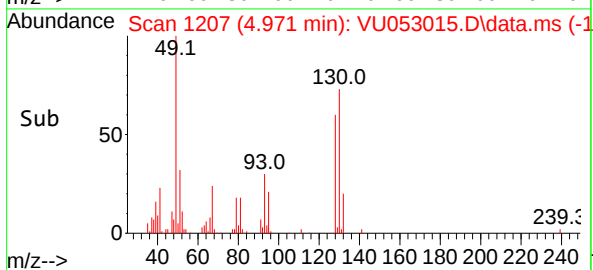
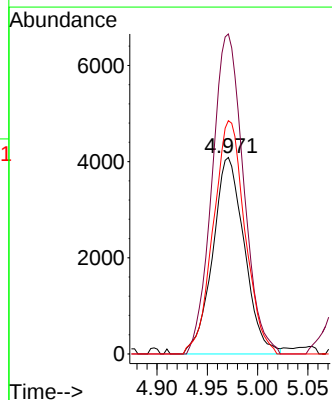
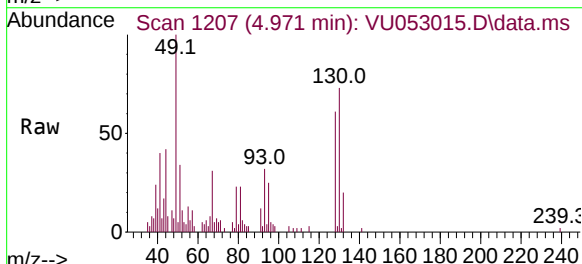
Manual Integrations
APPROVED

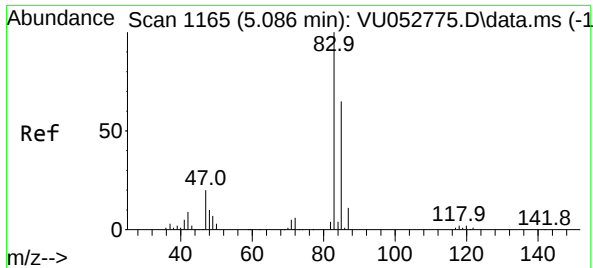
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#26
Bromochloromethane
Concen: 2.121 ug/l
RT: 4.971 min Scan# 1207
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Tgt Ion:128 Resp: 8924
Ion Ratio Lower Upper
128 100
49 162.2 0.0 265.0
130 119.1 100.7 151.1





#27

Chloroform

Concen: 2.373 ug/l

RT: 5.087 min Scan# 1165

Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

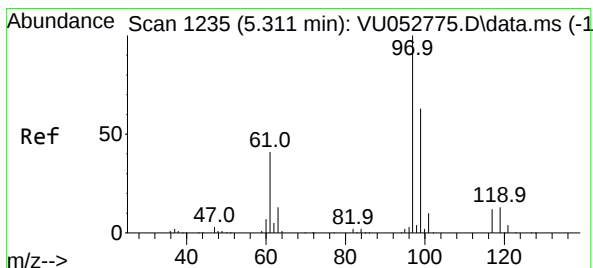
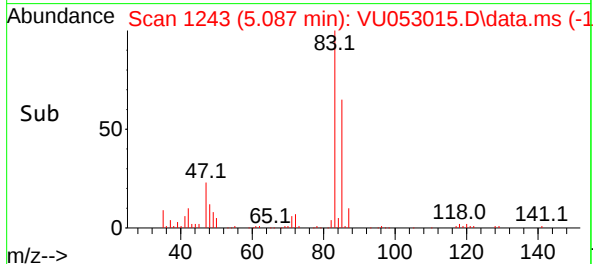
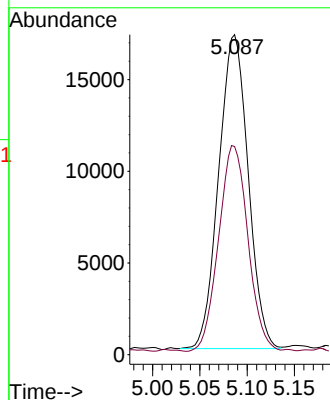
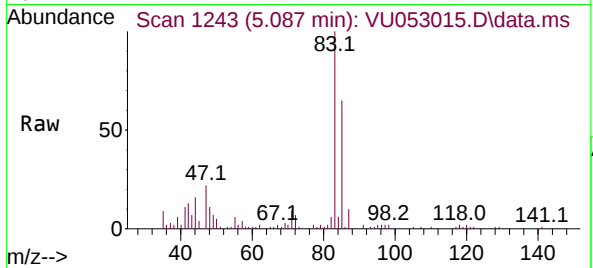
Tgt Ion: 83 Resp: 3704
 Ion Ratio Lower Upper
 83 100
 85 65.0 0.0 130.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#28

1,1,1-Trichloroethane

Concen: 2.375 ug/l

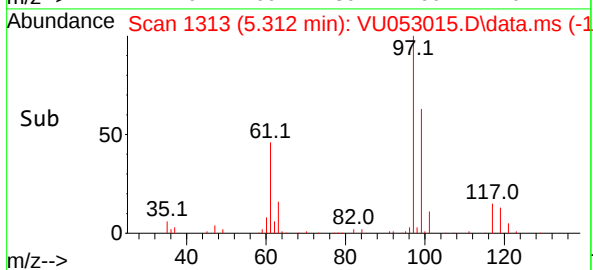
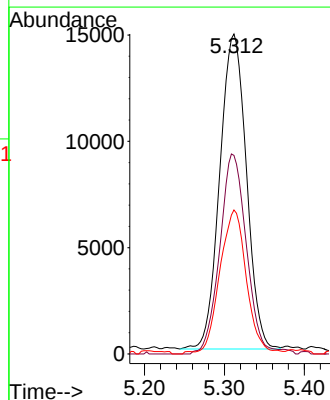
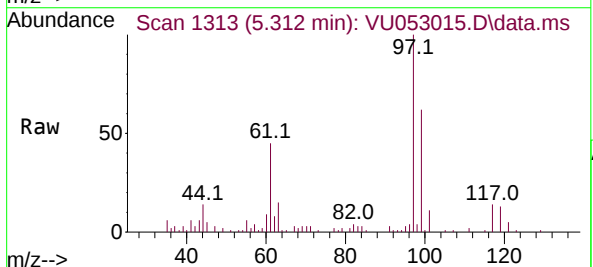
RT: 5.312 min Scan# 1313

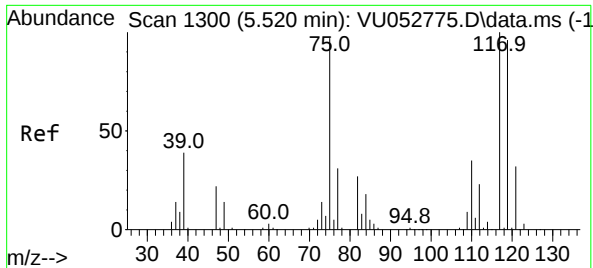
Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Tgt Ion: 97 Resp: 34229
 Ion Ratio Lower Upper
 97 100
 99 63.5 31.9 95.5
 61 43.8 20.8 62.2





#29

1,1-Dichloropropene

Concen: 2.043 ug/l

RT: 5.521 min Scan# 11

Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

Tgt Ion: 75 Resp: 24820

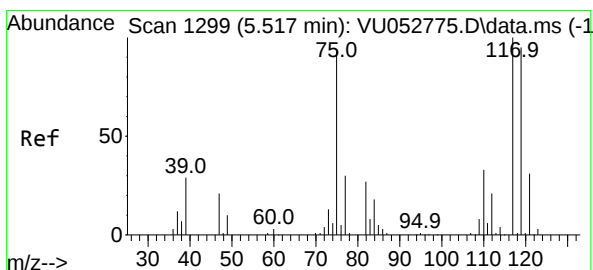
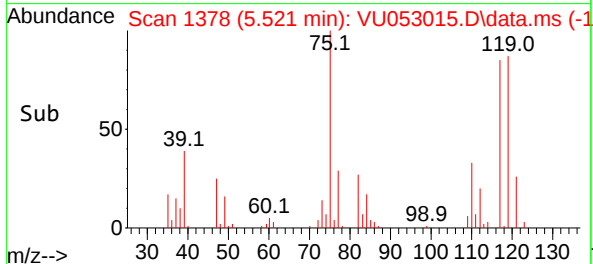
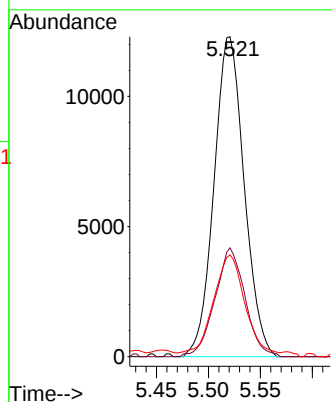
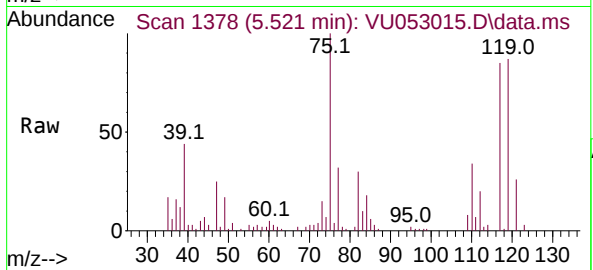
Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.4	52.2
77	30.6	24.8	37.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#30

Carbon Tetrachloride

Concen: 1.806 ug/l

RT: 5.518 min Scan# 1377

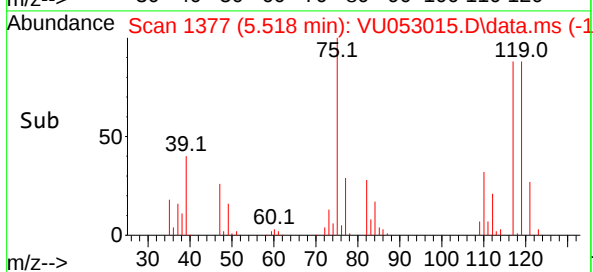
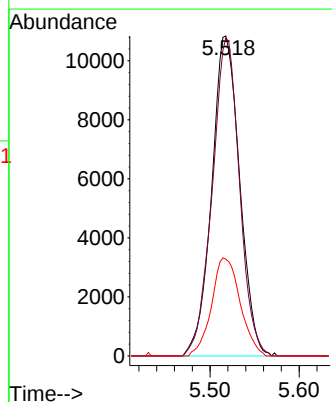
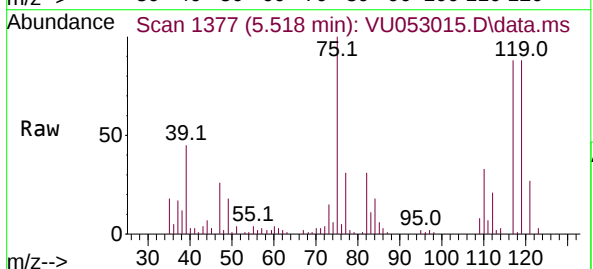
Delta R.T. 0.001 min

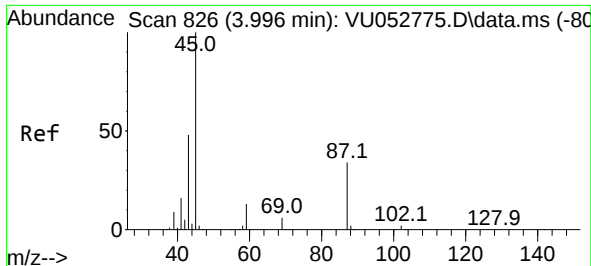
Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Tgt Ion:117 Resp: 23618

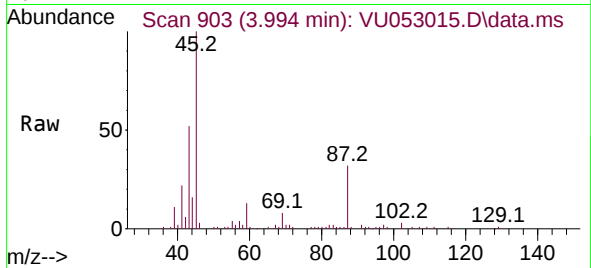
Ion	Ratio	Lower	Upper
117	100		
119	99.4	76.4	114.6
121	30.3	25.0	37.6





#31
Isopropyl Ether
Concen: 2.581 ug/l
RT: 3.994 min Scan# 903
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

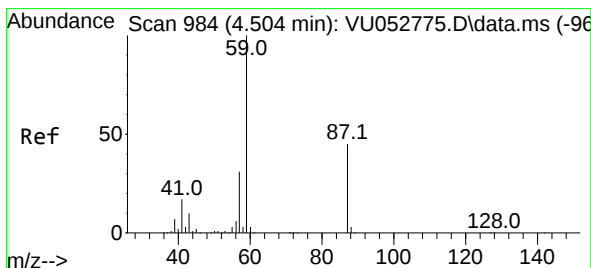
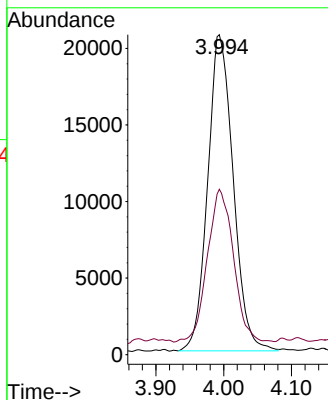
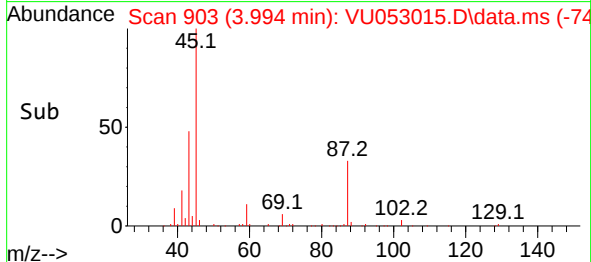
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



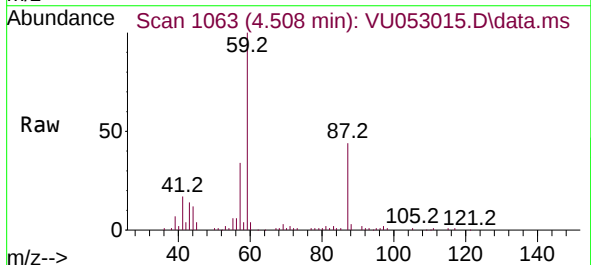
Tgt Ion: 45 Resp: 5402
Ion Ratio Lower Upper
45 100
43 49.4 24.5 73.5

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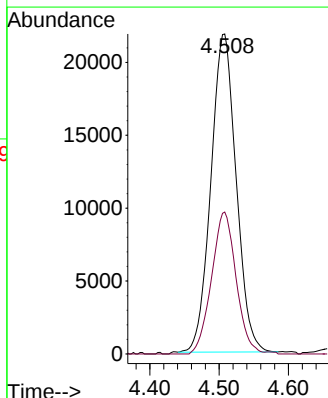
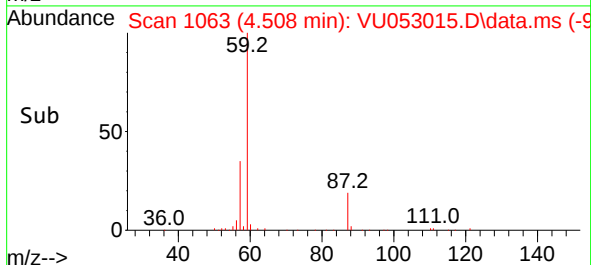
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

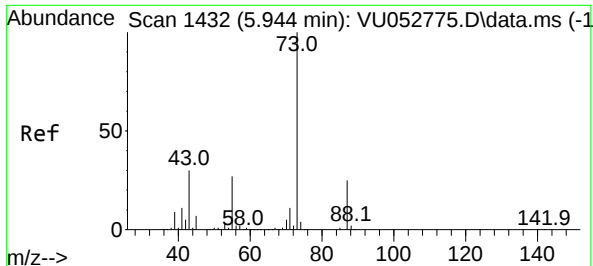


#32
Ethyl-t-butyl ether
Concen: 2.830 ug/l
RT: 4.508 min Scan# 1063
Delta R.T. 0.004 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26



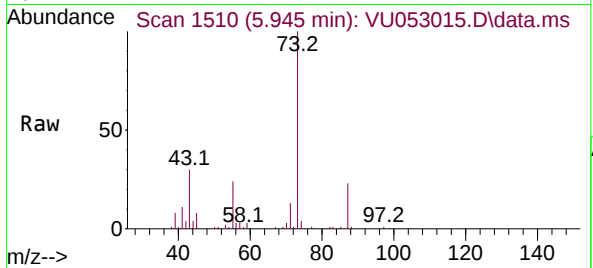
Tgt Ion: 59 Resp: 55303
Ion Ratio Lower Upper
59 100
87 42.5 36.2 54.2





#33
Tert-Amyl methyl ether
Concen: 2.492 ug/l
RT: 5.945 min Scan# 1160
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

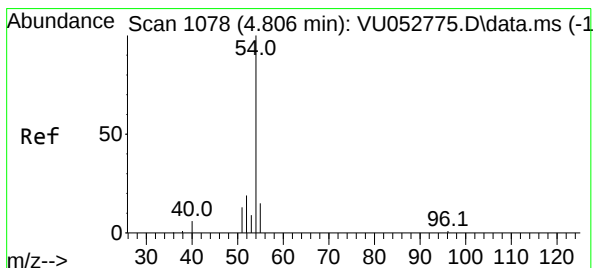
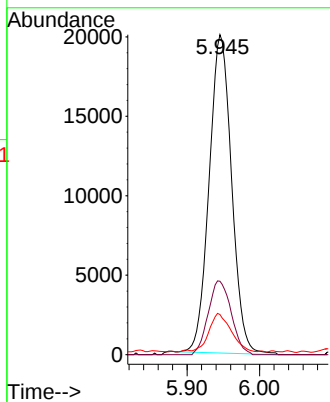
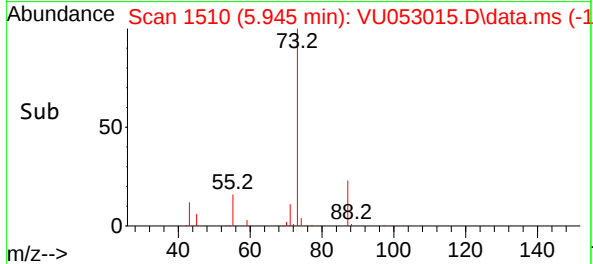
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



Tgt Ion: 73 Resp: 43075
Ion Ratio Lower Upper
73 100
87 23.7 20.1 30.1
71 11.4 9.2 13.8

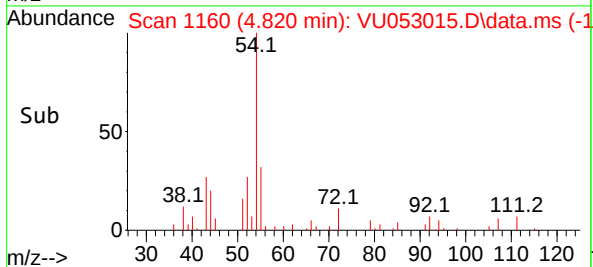
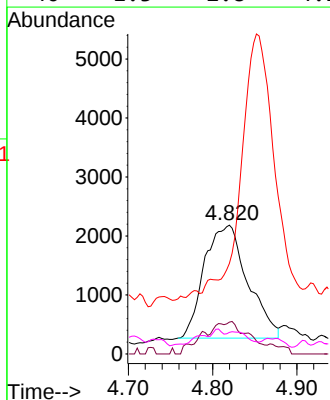
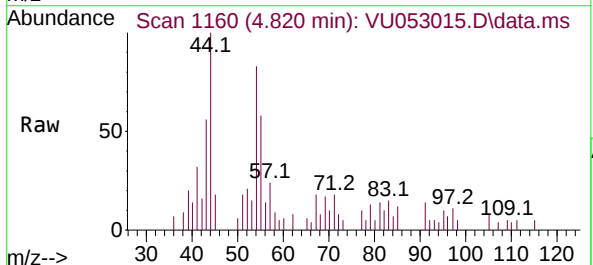
Manual Integrations
APPROVED

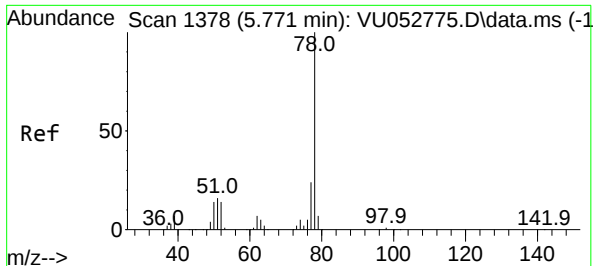
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#34
Propionitrile
Concen: 11.042 ug/l
RT: 4.820 min Scan# 1160
Delta R.T. 0.014 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Tgt Ion: 54 Resp: 6846
Ion Ratio Lower Upper
54 100
52 16.8 16.9 25.3#
55 5.6 118.6 178.0#
40 1.3 2.8 4.2#





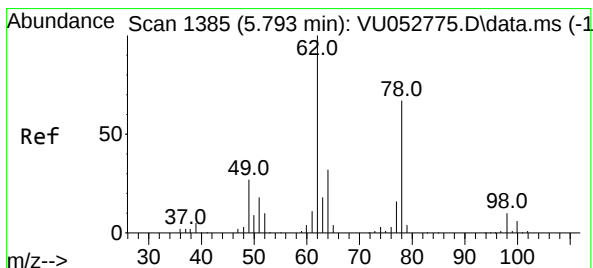
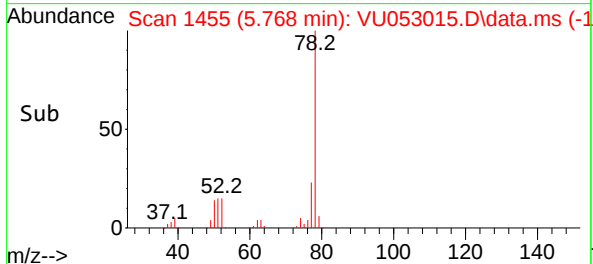
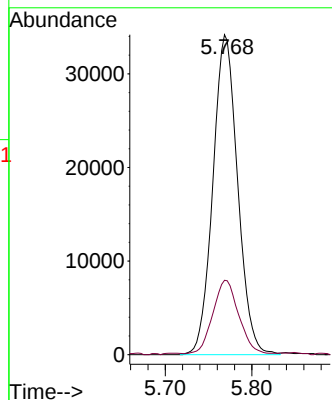
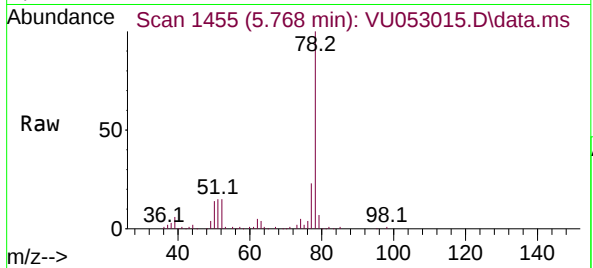
#35
Benzene
Concen: 1.925 ug/l
RT: 5.768 min Scan# 1462
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01

Tgt Ion: 78 Resp: 6787
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4

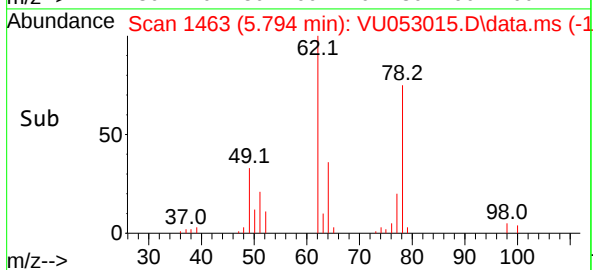
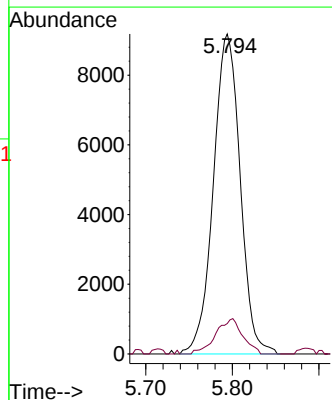
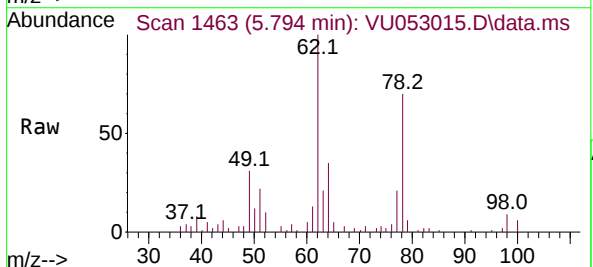
Manual Integrations
APPROVED

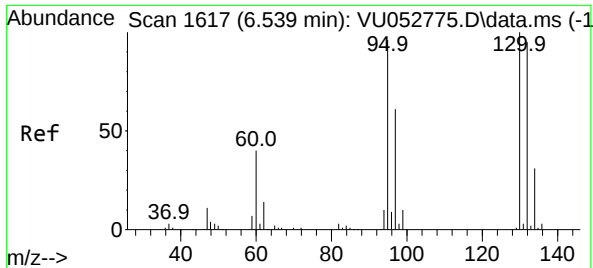
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#36
1,2-Dichloroethane
Concen: 1.865 ug/l
RT: 5.794 min Scan# 1463
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

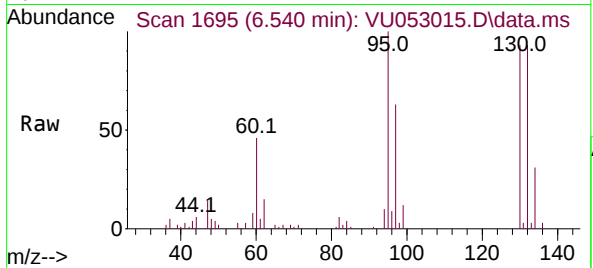
Tgt Ion: 62 Resp: 19751
Ion Ratio Lower Upper
62 100
98 11.2 7.5 11.3





#37
Trichloroethene
Concen: 1.808 ug/l
RT: 6.540 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

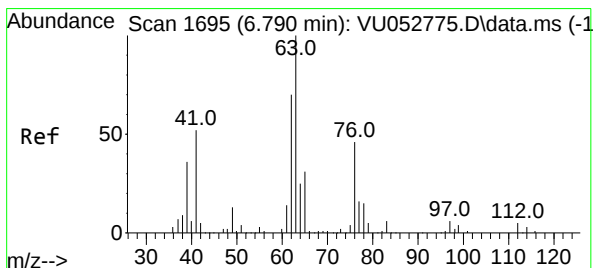
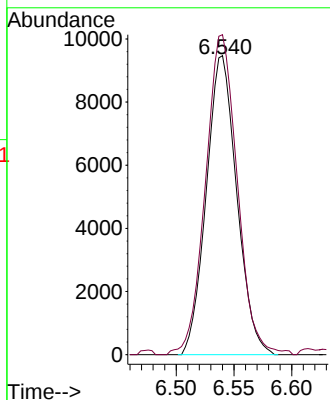
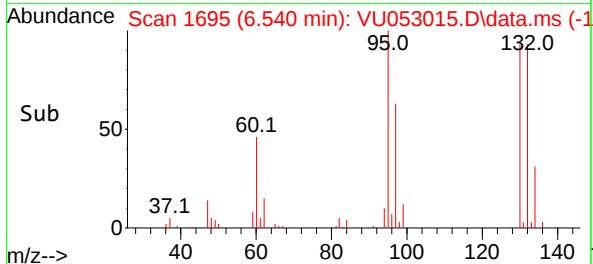
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



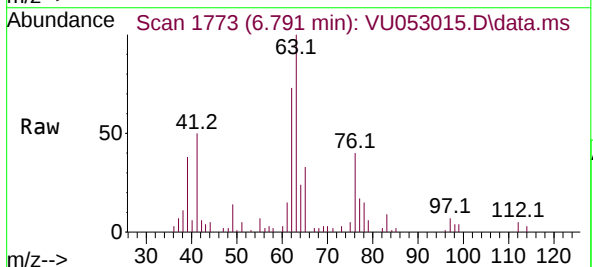
Tgt Ion:130 Resp: 1738
Ion Ratio Lower Upper
130 100
95 105.6 76.6 114.8

Manual Integrations
APPROVED

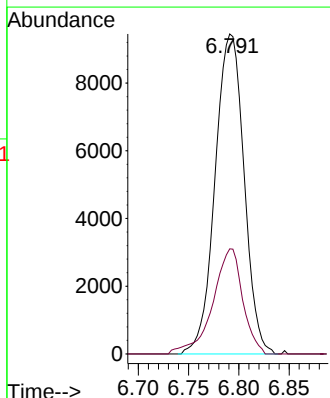
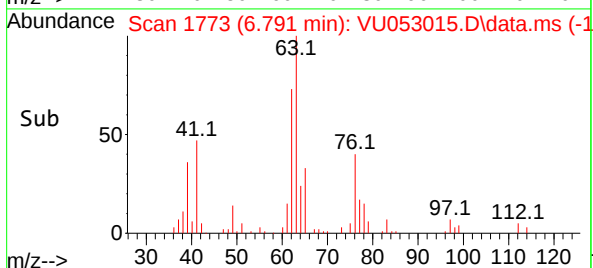
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

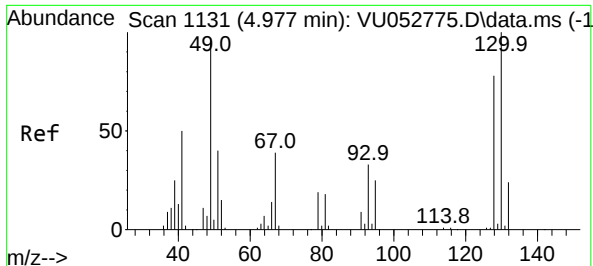


#38
1,2-Dichloropropane
Concen: 2.117 ug/l
RT: 6.791 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26



Tgt Ion: 63 Resp: 18942
Ion Ratio Lower Upper
63 100
65 32.8 24.6 36.8





#39

Methacrylonitrile

Concen: 2.378 ug/l

RT: 4.984 min Scan# 1131

Delta R.T. 0.007 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

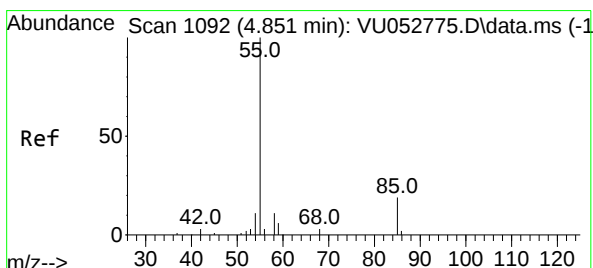
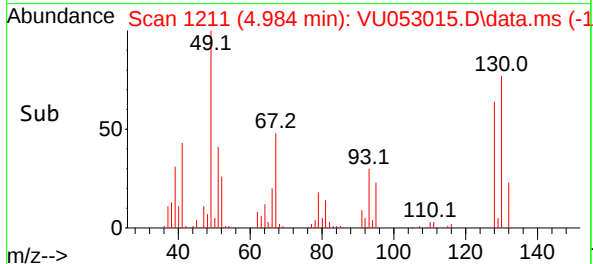
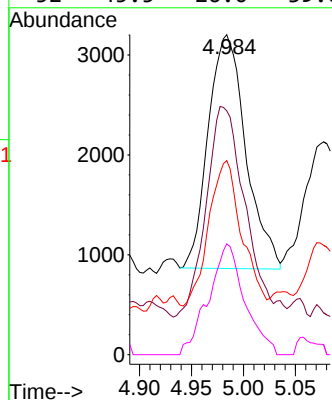
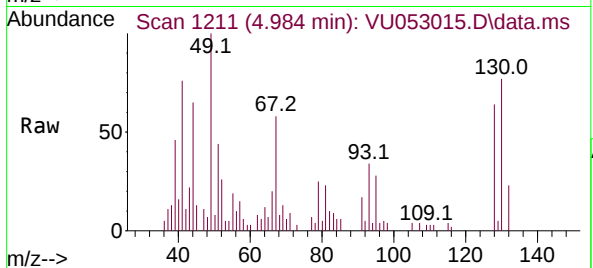
Tgt Ion:	41	Resp:	588
Ion	Ratio	Lower	Upper
41	100		
67	92.3	64.9	97.3
39	54.0	41.7	62.5
52	45.5	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#40

Methyl acrylate

Concen: 2.537 ug/l

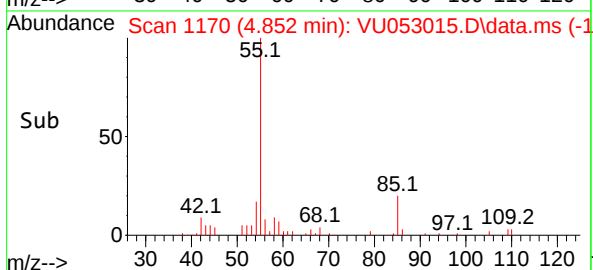
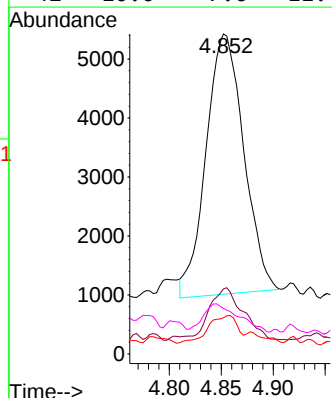
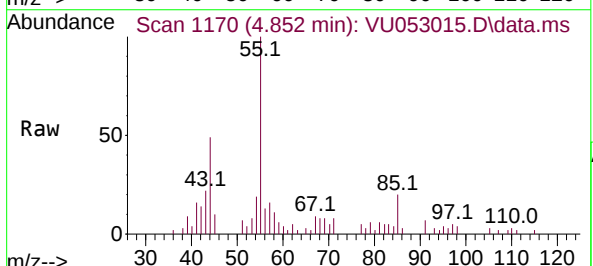
RT: 4.852 min Scan# 1170

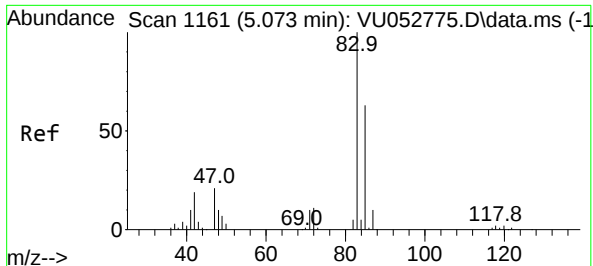
Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Tgt Ion:	55	Resp:	11134
Ion	Ratio	Lower	Upper
55	100		
85	17.5	14.4	21.6
58	8.2	7.3	10.9
42	10.0	7.6	11.4





#41

Tetrahydrofuran

Concen: 5.621 ug/l

RT: 5.074 min Scan# 1161

Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

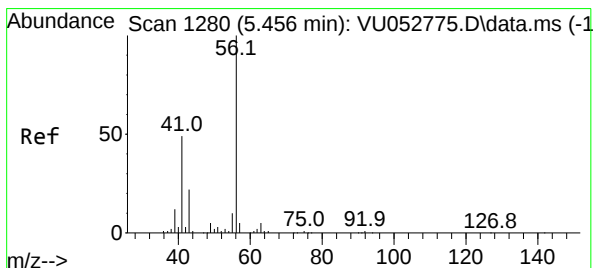
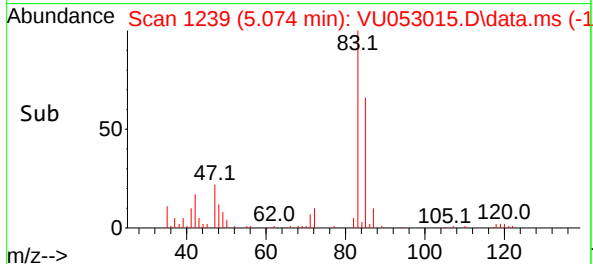
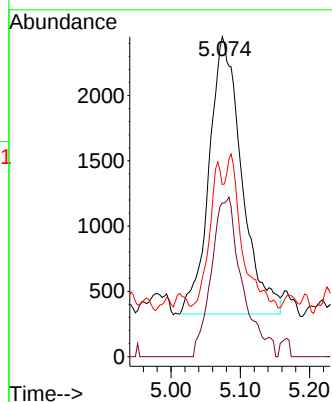
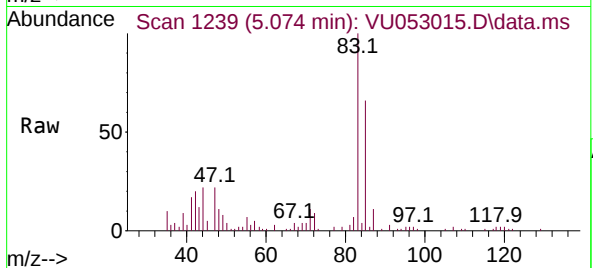
Tgt Ion: 42 Resp: 6924
 Ion Ratio Lower Upper
 42 100
 72 52.6 49.1 73.7
 71 19.6 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#42

1-Chlorobutane

Concen: 2.080 ug/l

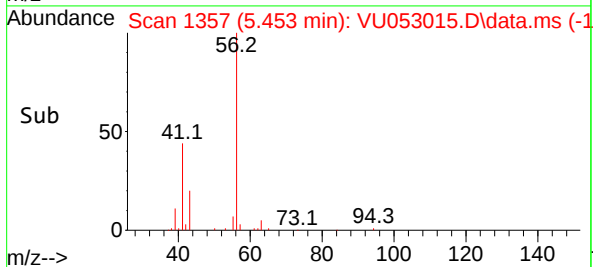
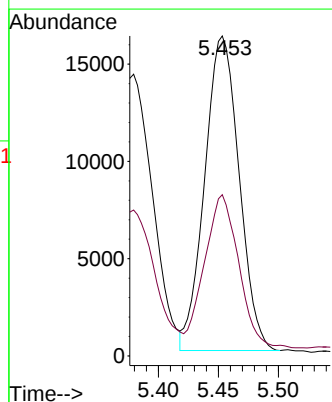
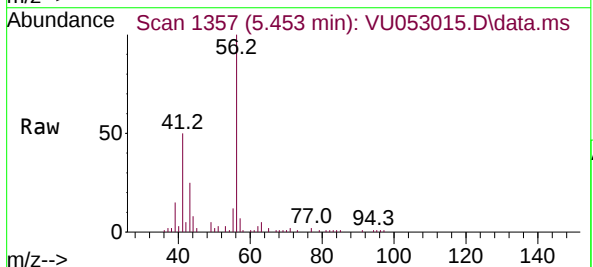
RT: 5.453 min Scan# 1357

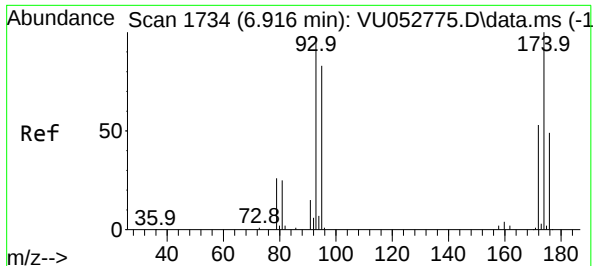
Delta R.T. -0.003 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Tgt Ion: 56 Resp: 32309
 Ion Ratio Lower Upper
 56 100
 41 48.1 24.5 73.5





#43

Dibromomethane

Concen: 1.985 ug/l

RT: 6.919 min Scan# 1813

Delta R.T. 0.004 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

Tgt Ion: 93 Resp: 8990

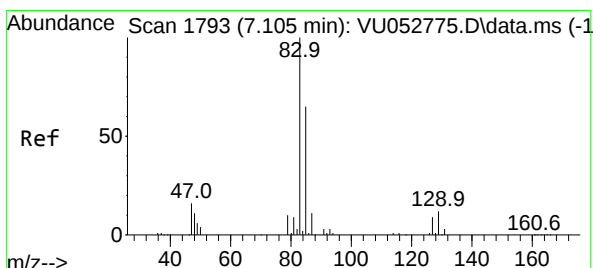
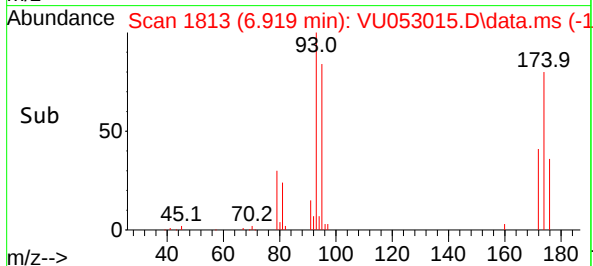
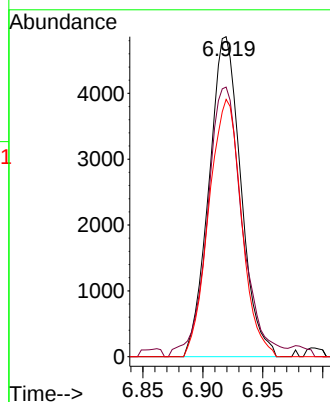
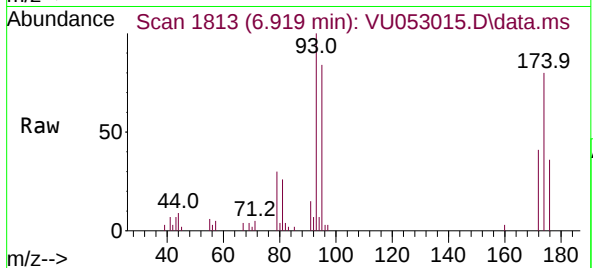
Ion	Ratio	Lower	Upper
93	100		
95	91.7	67.0	100.6
174	82.3	82.2	123.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#44

Bromodichloromethane

Concen: 2.022 ug/l

RT: 7.103 min Scan# 1870

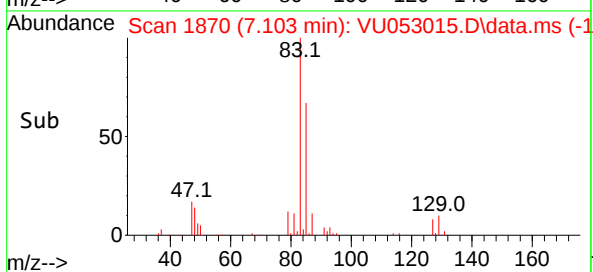
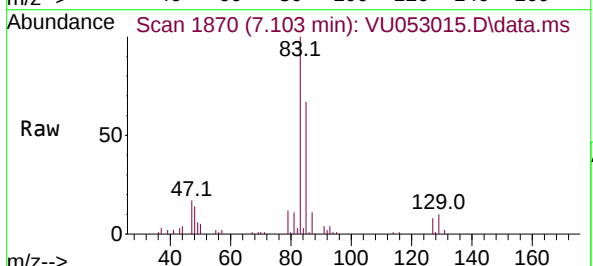
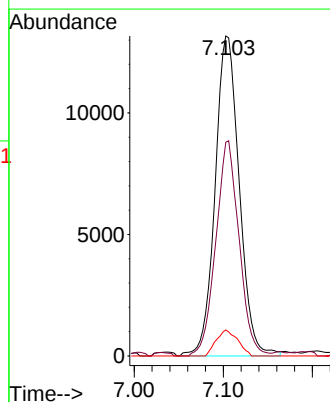
Delta R.T. -0.003 min

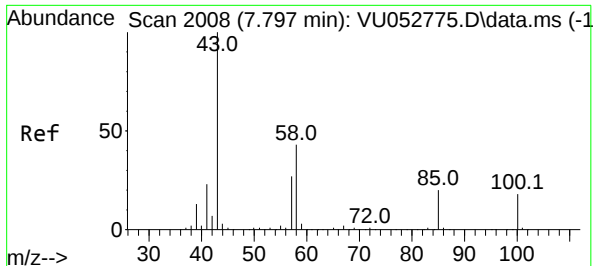
Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Tgt Ion: 83 Resp: 24838

Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.1	78.1
127	8.2	7.2	10.8





#45

4-Methyl-2-Pentanone

Concen: 10.990 ug/l

RT: 7.797 min Scan# 2008

Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

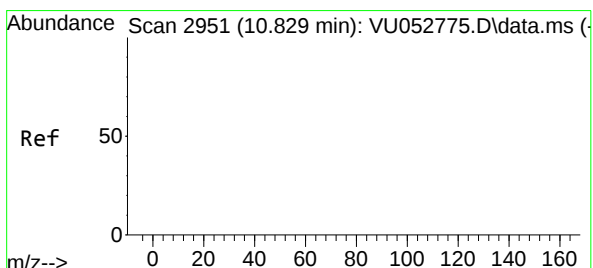
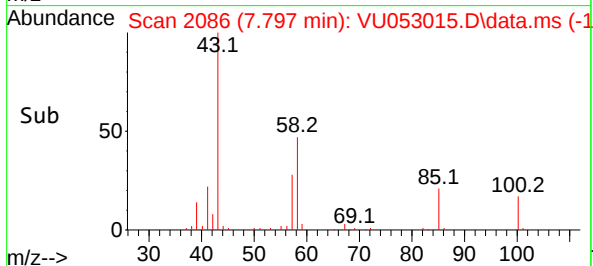
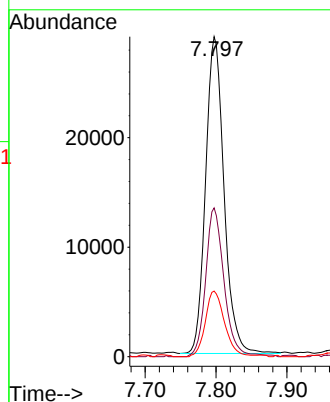
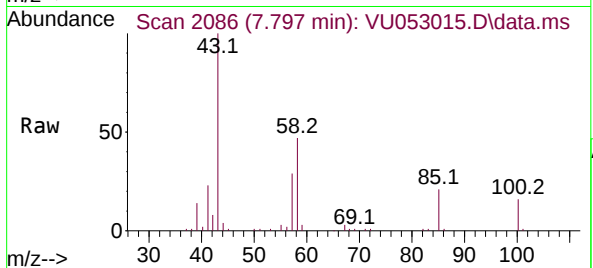
Tgt Ion:	43	Resp:	5229
Ion	Ratio	Lower	Upper
43	100		
58	47.0	21.7	65.1
85	21.6	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#46

t-1,4-Dichloro-2-butene

Concen: 4.141 ug/l m

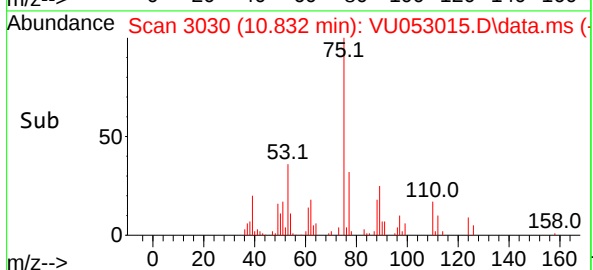
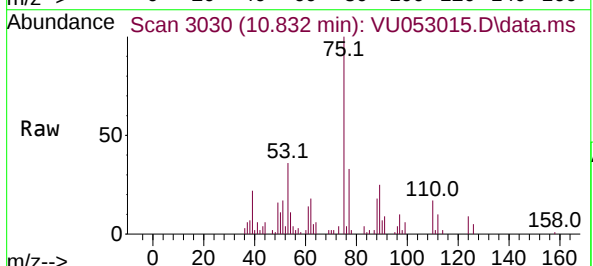
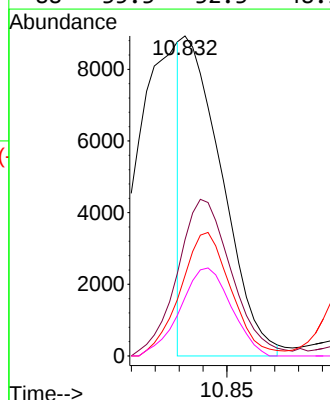
RT: 10.832 min Scan# 3030

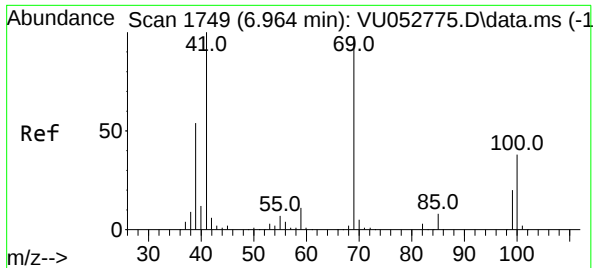
Delta R.T. 0.004 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Tgt Ion:	75	Resp:	10331
Ion	Ratio	Lower	Upper
75	100		
53	67.0	57.0	85.4
89	49.4	41.1	61.7
88	35.3	32.3	48.5





#47

Methyl methacrylate

Concen: 4.438 ug/l

RT: 6.964 min Scan# 11

Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

Tgt Ion: 69 Resp: 1786

Ion Ratio Lower Upper

69 100

41 100.9 0.0 201.8

39 58.5 44.0 66.0

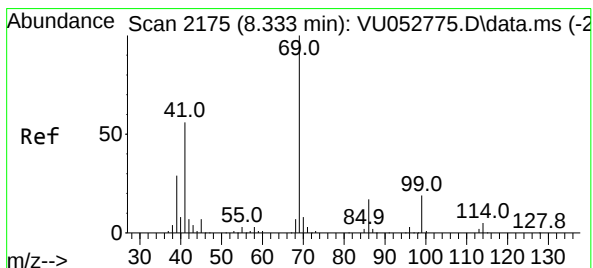
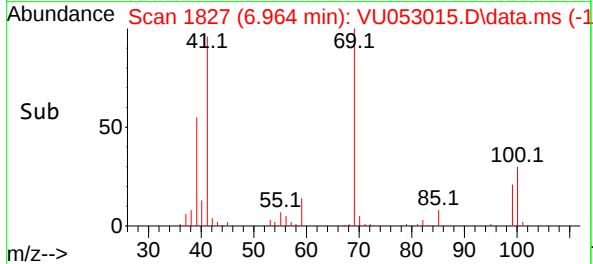
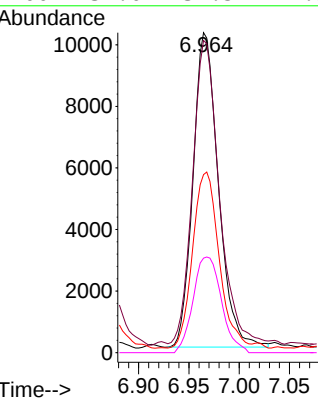
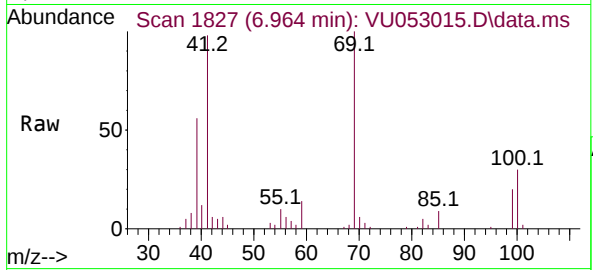
100 34.0 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#48

Ethyl methacrylate

Concen: 2.488 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.001 min

Lab File: VU053015.D

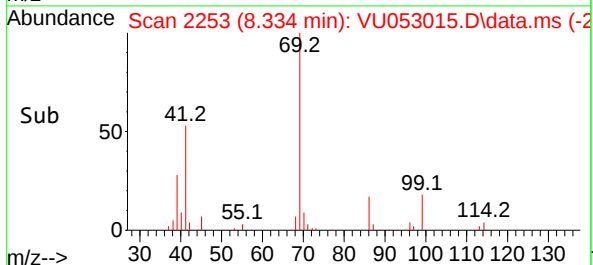
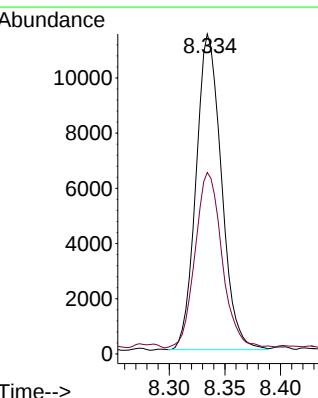
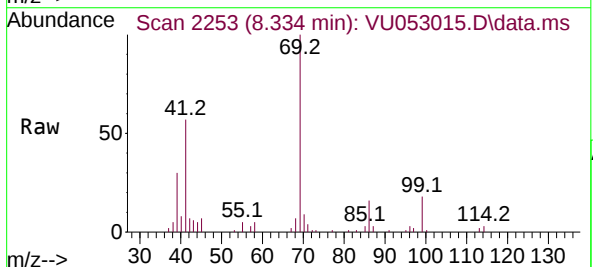
Acq: 09 Feb 2023 13:26

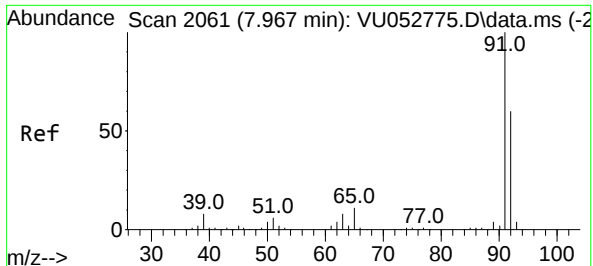
Tgt Ion: 69 Resp: 18152

Ion Ratio Lower Upper

69 100

41 58.7 28.1 84.4





#49

Toluene

Concen: 2.003 ug/l

RT: 7.968 min Scan# 2139

Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

Tgt Ion: 92 Resp: 42875

Ion Ratio Lower Upper

92 100

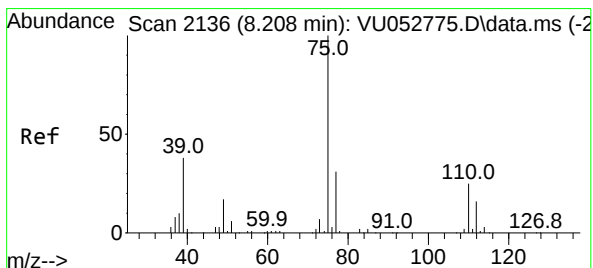
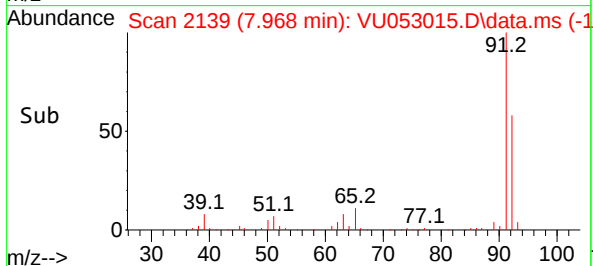
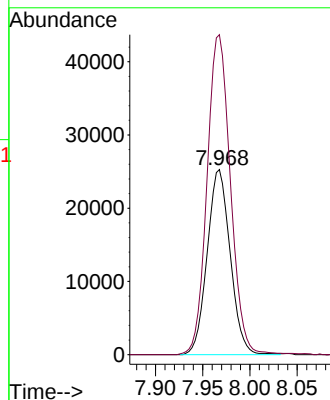
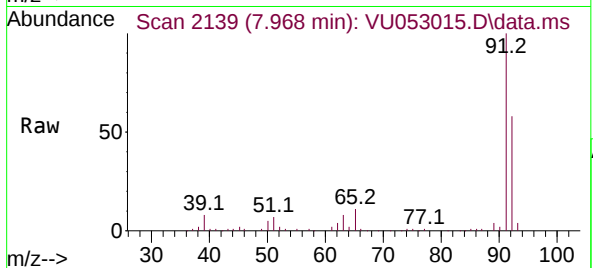
91 176.0 133.8 200.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#50

t-1,3-Dichloropropene

Concen: 2.248 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. 0.001 min

Lab File: VU053015.D

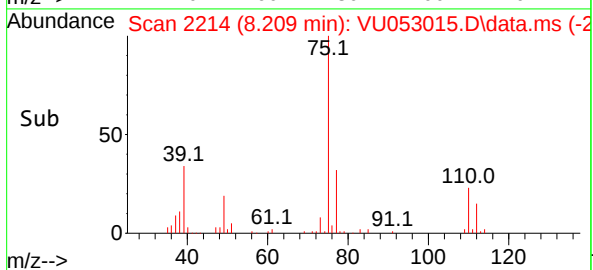
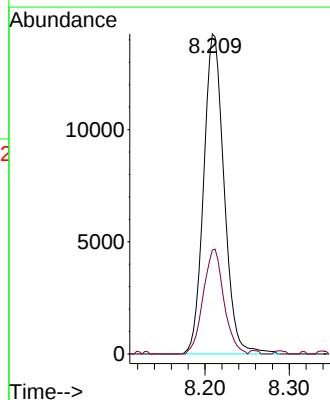
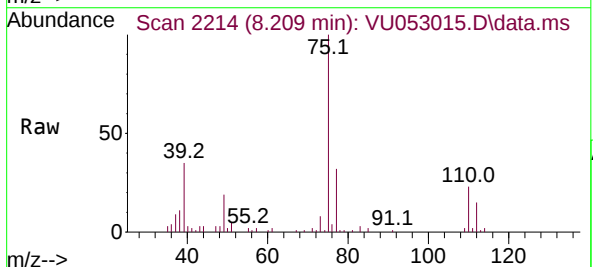
Acq: 09 Feb 2023 13:26

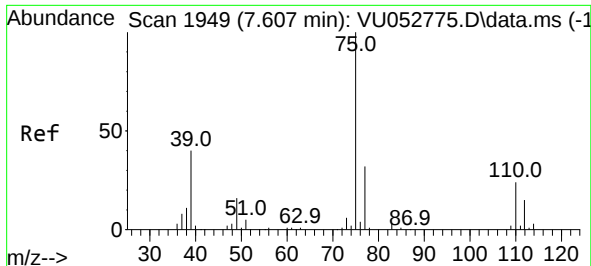
Tgt Ion: 75 Resp: 24086

Ion Ratio Lower Upper

75 100

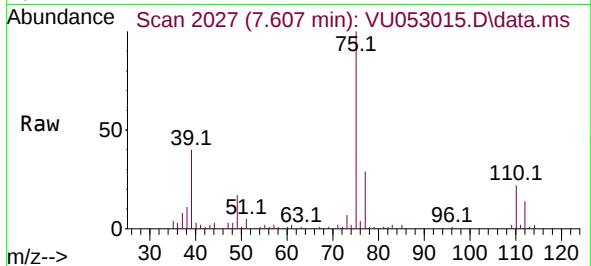
77 32.4 24.4 36.6





#51
 cis-1,3-Dichloropropene
 Concen: 2.250 ug/l
 RT: 7.607 min Scan# 20
 Delta R.T. 0.001 min
 Lab File: VU053015.D
 Acq: 09 Feb 2023 13:26

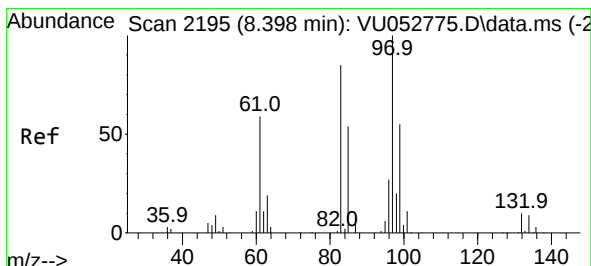
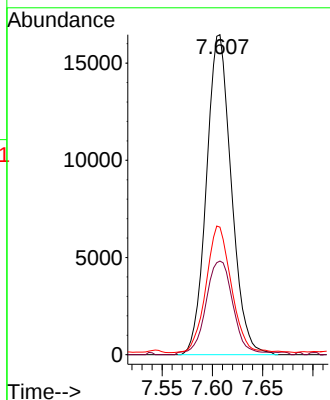
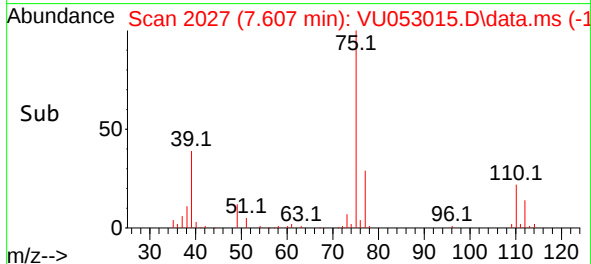
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0209WBS01



Tgt Ion: 75 Resp: 2836
 Ion Ratio Lower Upper
 75 100
 77 28.5 25.5 38.3
 39 39.0 32.3 48.5

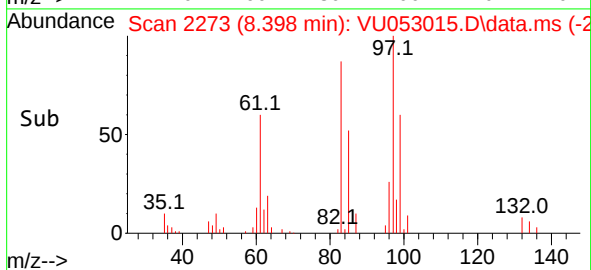
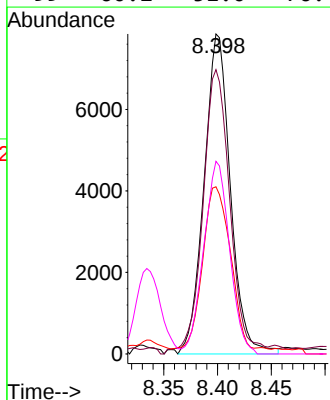
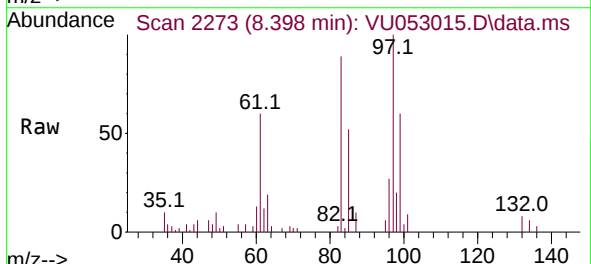
Manual Integrations
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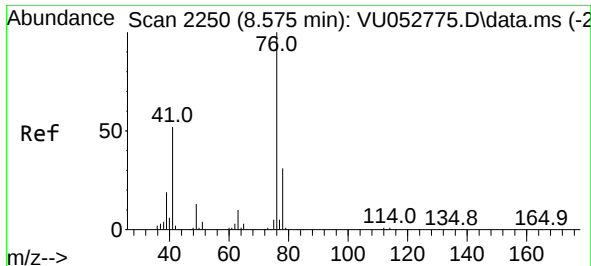
Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023



#52
 1,1,2-Trichloroethane
 Concen: 2.083 ug/l
 RT: 8.398 min Scan# 2273
 Delta R.T. 0.001 min
 Lab File: VU053015.D
 Acq: 09 Feb 2023 13:26

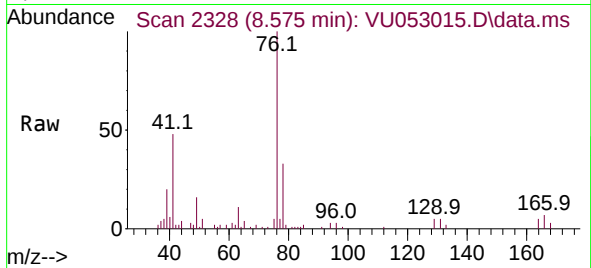
Tgt Ion: 97 Resp: 13410
 Ion Ratio Lower Upper
 97 100
 83 87.0 68.2 102.2
 85 50.6 44.5 66.7
 99 60.2 51.0 76.4





#53
1,3-Dichloropropane
Concen: 2.030 ug/l
RT: 8.575 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

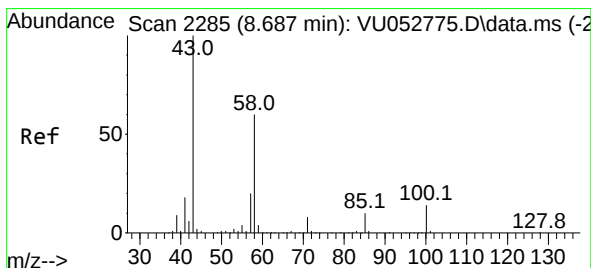
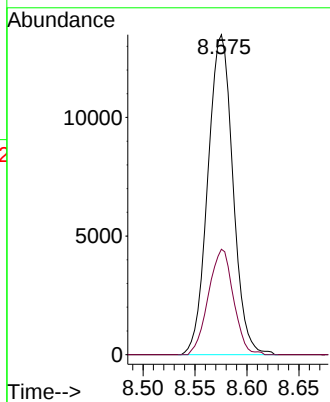
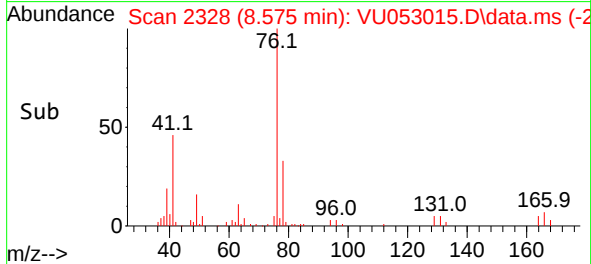
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



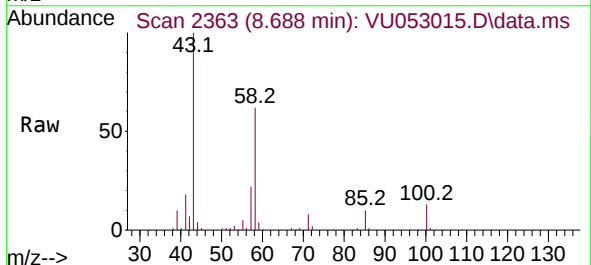
Tgt Ion: 76 Resp: 2259
Ion Ratio Lower Upper
76 100
78 32.9 25.2 37.8

Manual Integrations
APPROVED

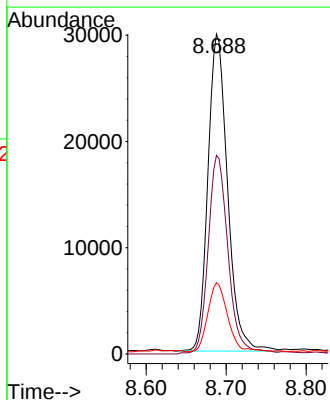
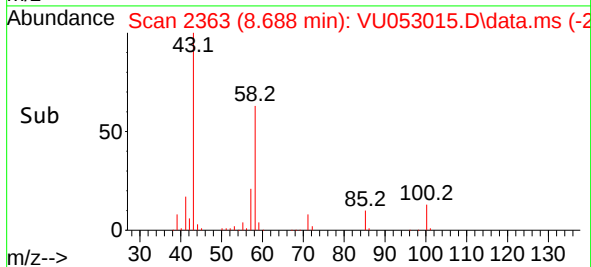
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

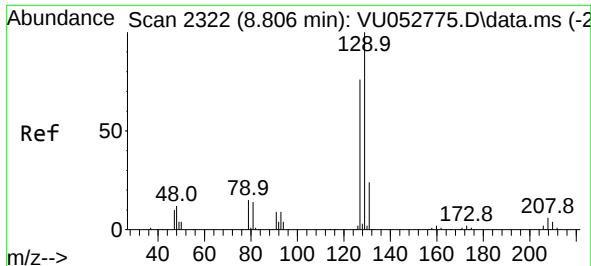


#54
2-Hexanone
Concen: 12.225 ug/l
RT: 8.688 min Scan# 2363
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26



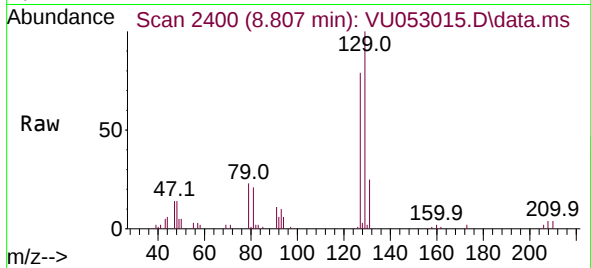
Tgt Ion: 43 Resp: 50892
Ion Ratio Lower Upper
43 100
58 63.5 40.0 80.0
57 22.0 0.6 40.6





#55
Dibromochloromethane
Concen: 1.826 ug/l
RT: 8.807 min Scan# 2436
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

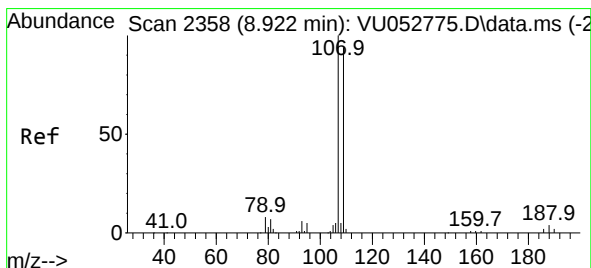
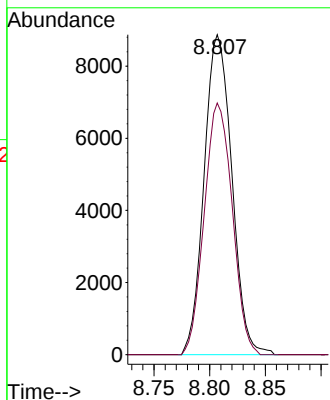
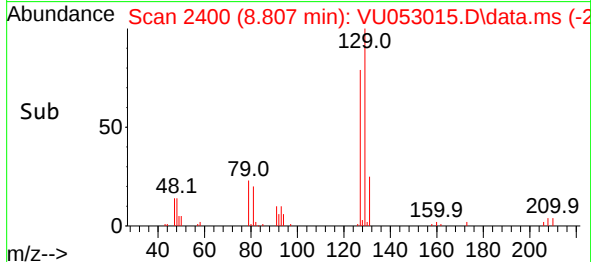
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



Tgt Ion:129 Resp: 15370
Ion Ratio Lower Upper
129 100
127 79.4 61.5 92.3

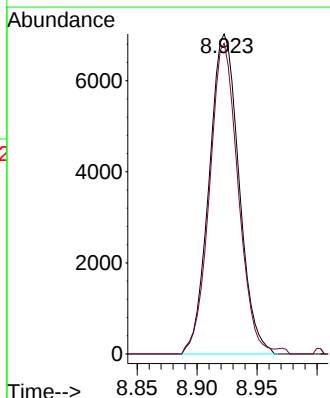
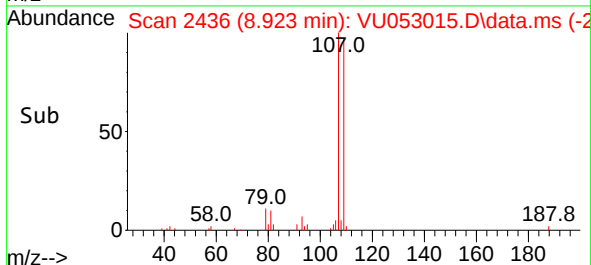
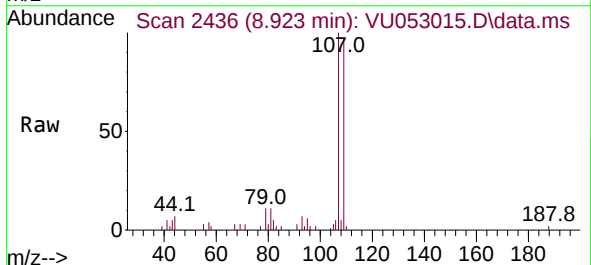
Manual Integrations
APPROVED

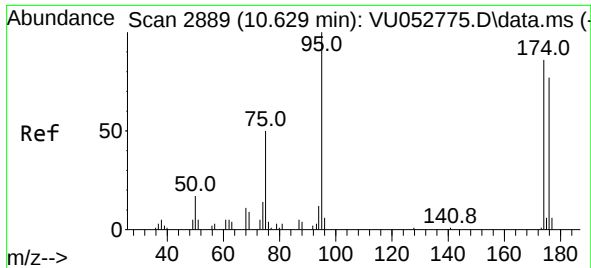
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#56
1,2-Dibromoethane
Concen: 1.981 ug/l
RT: 8.923 min Scan# 2436
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

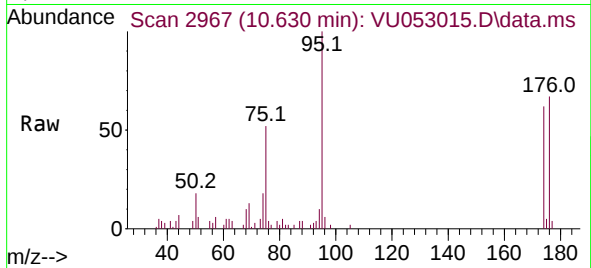
Tgt Ion:107 Resp: 12147
Ion Ratio Lower Upper
107 100
109 92.7 0.0 190.4





#57
4-Bromofluorobenzene
Concen: 1.168 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

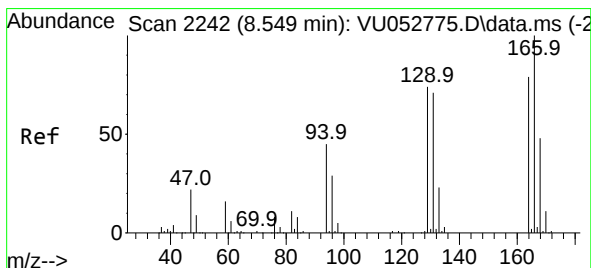
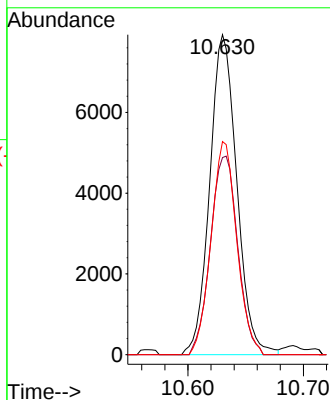
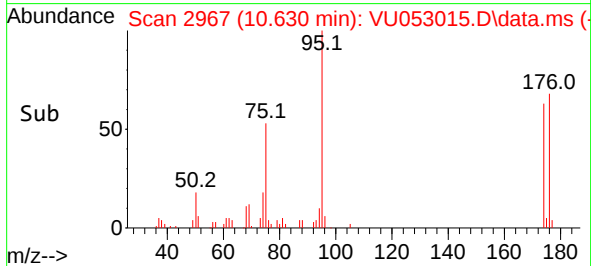
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



Tgt Ion: 95 Resp: 12904
Ion Ratio Lower Upper
95 100
174 62.6 66.9 100.3
176 63.2 61.9 92.9

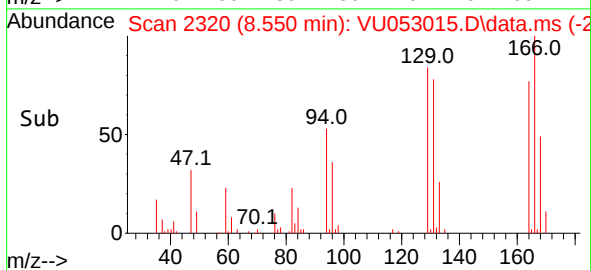
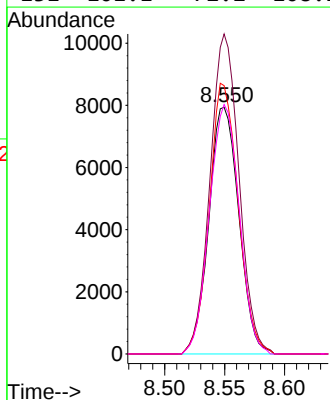
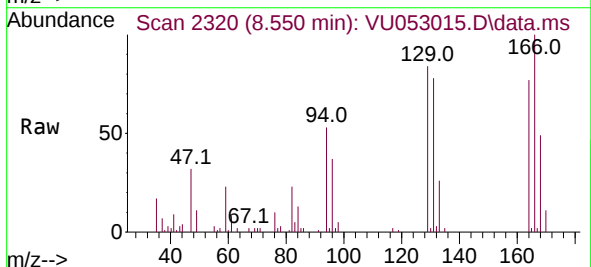
Manual Integrations
APPROVED

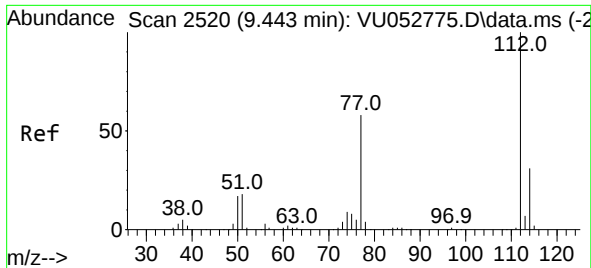
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#58
Tetrachloroethene
Concen: 1.590 ug/l
RT: 8.550 min Scan# 2320
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

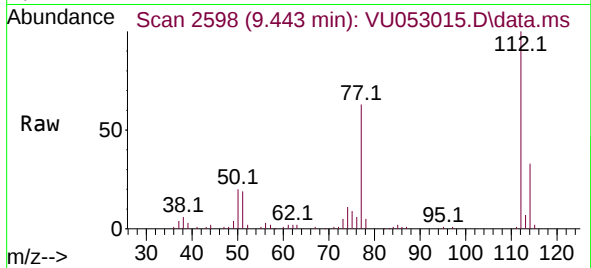
Tgt Ion:164 Resp: 13790
Ion Ratio Lower Upper
164 100
166 129.7 101.5 152.3
129 108.7 75.2 112.8
131 101.1 72.2 108.2





#59
Chlorobenzene
Concen: 1.961 ug/l
RT: 9.443 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

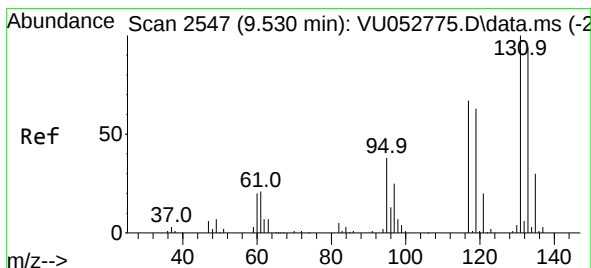
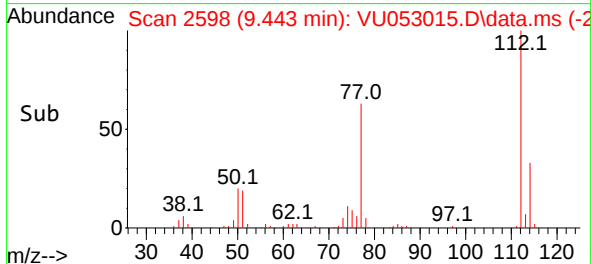
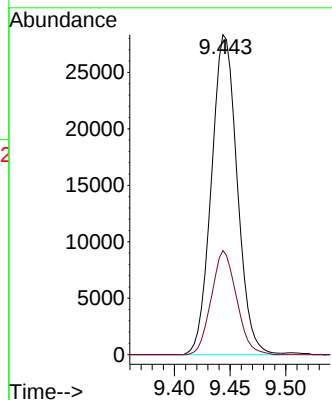
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



Tgt Ion:112 Resp: 4568
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8

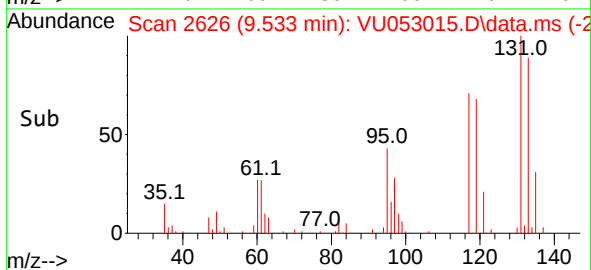
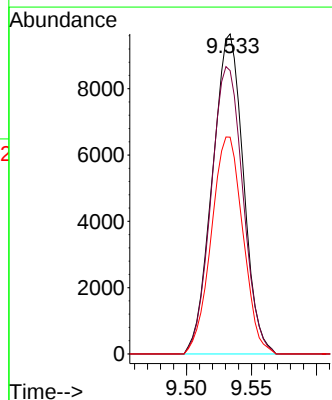
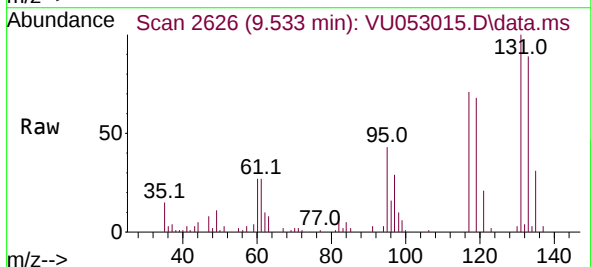
Manual Integrations
APPROVED

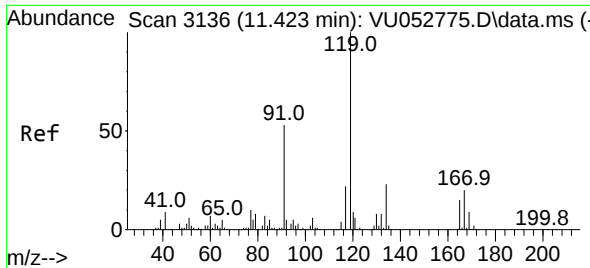
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 1.777 ug/l
RT: 9.533 min Scan# 2626
Delta R.T. 0.004 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Tgt Ion:131 Resp: 16025
Ion Ratio Lower Upper
131 100
133 92.1 77.2 115.8
119 69.0 50.8 76.2





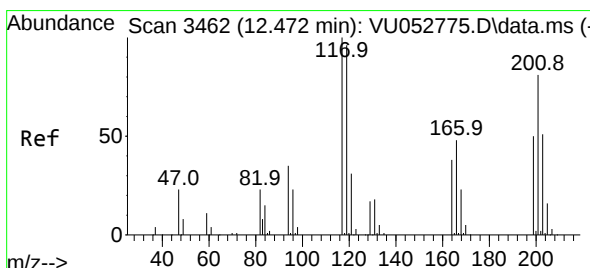
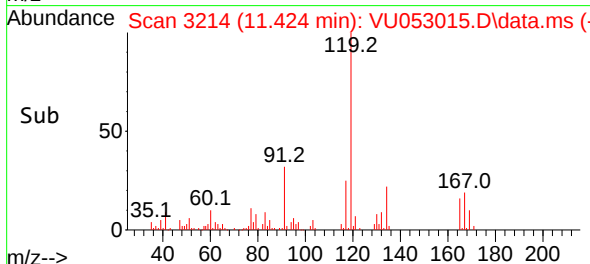
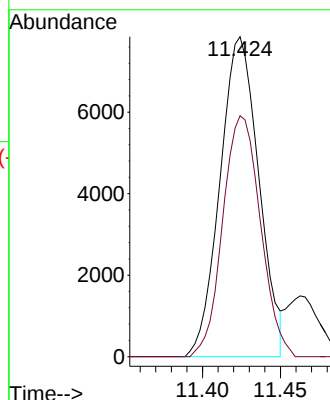
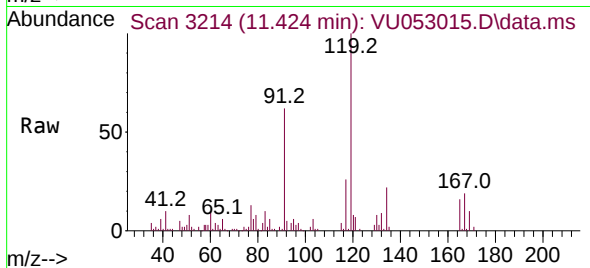
#61
 Pentachloroethane
 Concen: 1.841 ug/l
 RT: 11.424 min Scan# 3136
 Delta R.T. 0.001 min
 Lab File: VU053015.D
 Acq: 09 Feb 2023 13:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0209WBS01

Tgt Ion:117 Resp: 1360
 Ion Ratio Lower Upper
 117 100
 167 73.0 66.8 100.2

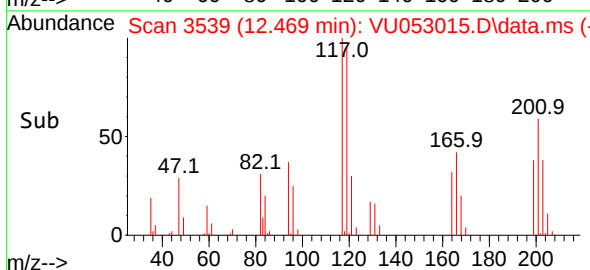
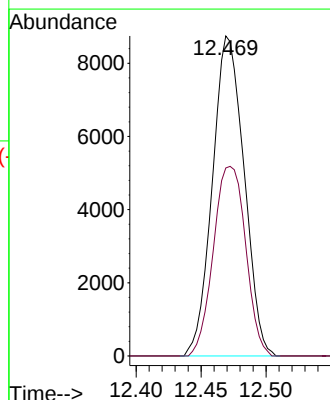
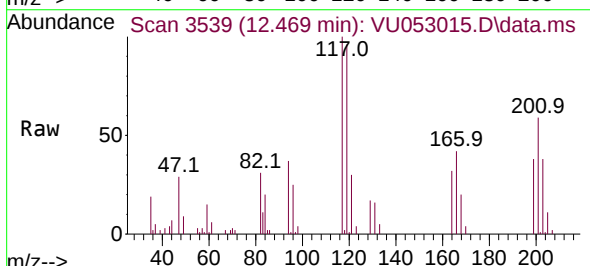
Manual Integrations
 APPROVED

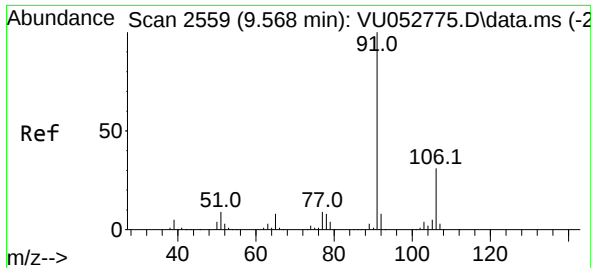
Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023



#62
 Hexachloroethane
 Concen: 1.983 ug/l
 RT: 12.469 min Scan# 3539
 Delta R.T. -0.003 min
 Lab File: VU053015.D
 Acq: 09 Feb 2023 13:26

Tgt Ion:117 Resp: 14800
 Ion Ratio Lower Upper
 117 100
 201 60.4 64.6 97.0#





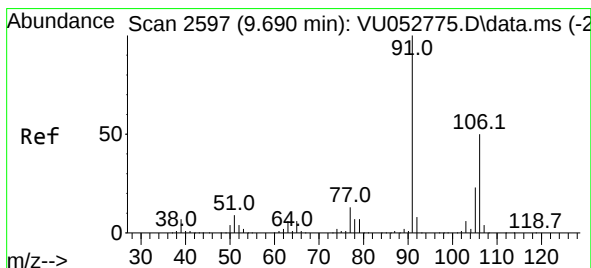
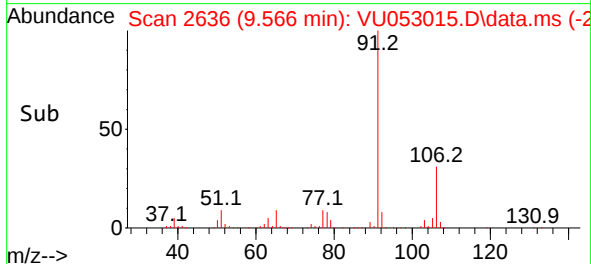
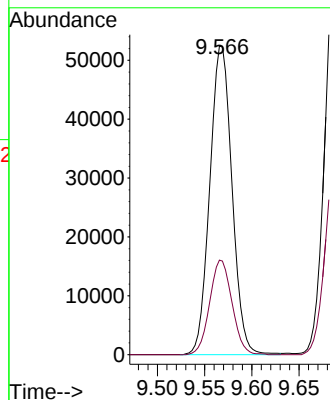
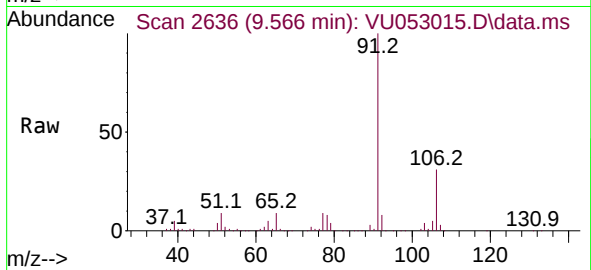
#63
Ethyl Benzene
Concen: 2.271 ug/l
RT: 9.566 min Scan# 2636
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01

Tgt Ion: 91 Resp: 8573
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7

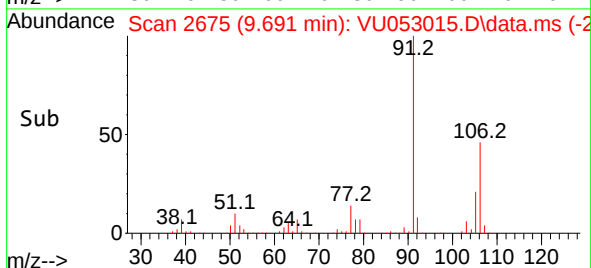
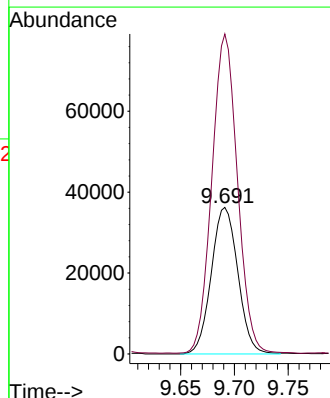
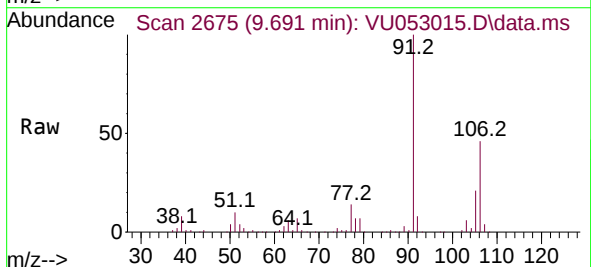
Manual Integrations
APPROVED

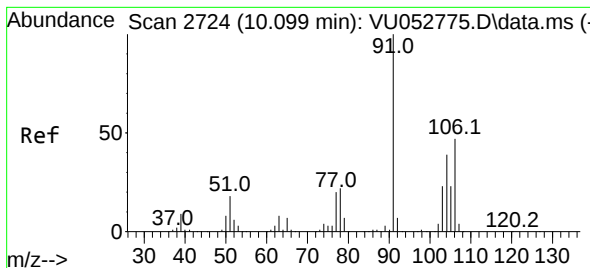
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#64
m/p-Xylenes
Concen: 4.137 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Tgt Ion:106 Resp: 62246
Ion Ratio Lower Upper
106 100
91 209.9 158.7 238.1





#65

o-Xylene

Concen: 2.191 ug/l

RT: 10.096 min Scan# 2801

Delta R.T. -0.003 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

Tgt Ion:106 Resp: 31820

Ion Ratio Lower Upper

106 100

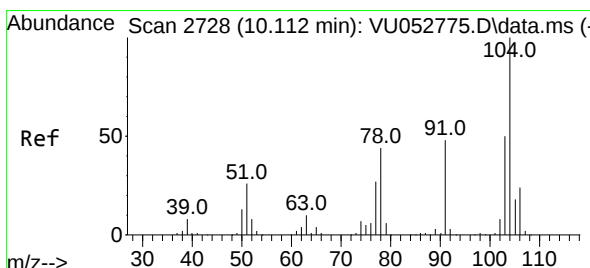
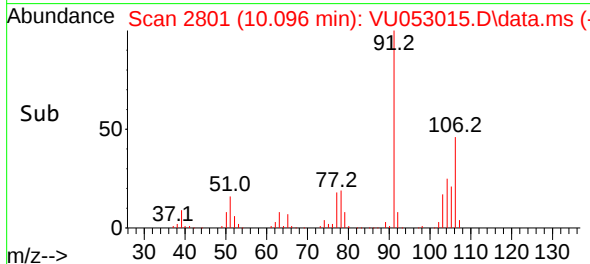
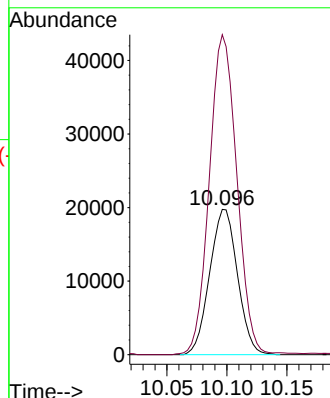
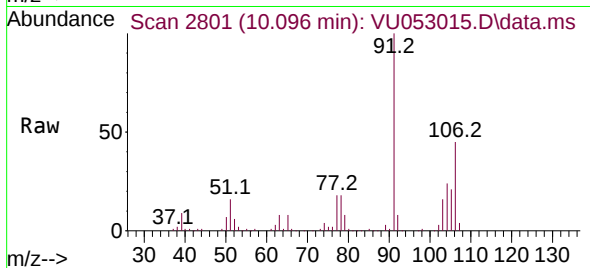
91 218.7 105.6 316.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#66

Styrene

Concen: 2.100 ug/l

RT: 10.112 min Scan# 2806

Delta R.T. 0.000 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

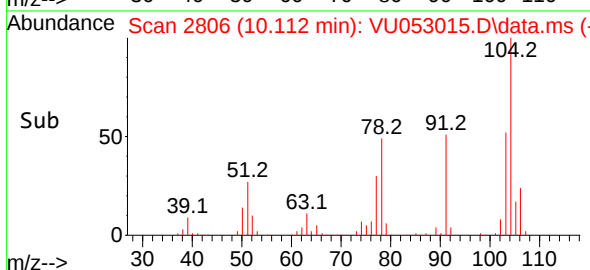
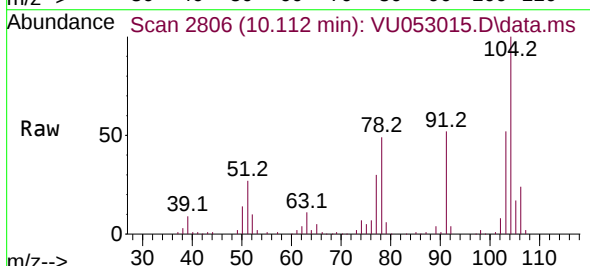
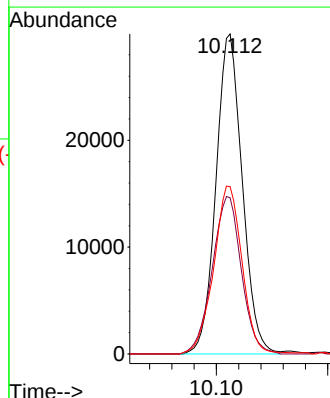
Tgt Ion:104 Resp: 49072

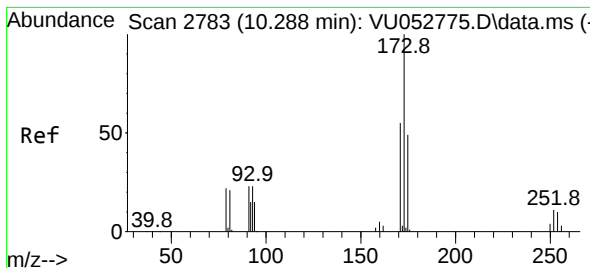
Ion Ratio Lower Upper

104 100

78 54.6 39.6 59.4

103 56.8 42.9 64.3





#67

Bromoform

Concen: 1.632 ug/l

RT: 10.289 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

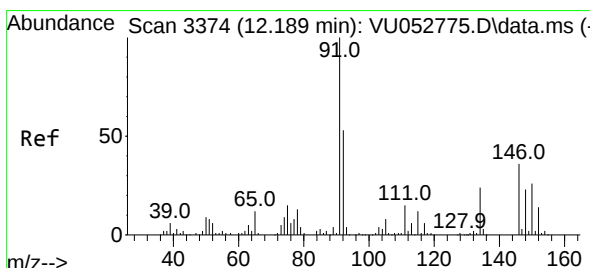
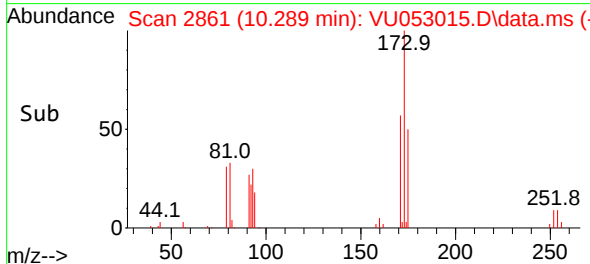
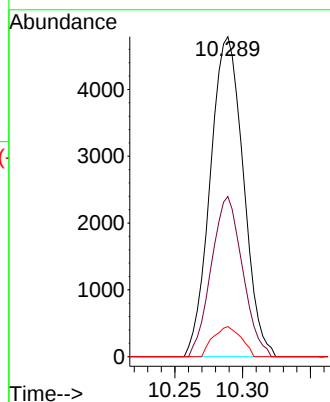
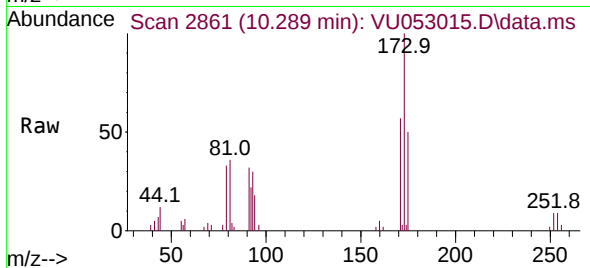
Tgt Ion:173	Resp:	811
Ion Ratio	Lower	Upper
173	100	
175	47.3	39.5 59.3
254	7.9	8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.952 ug/l

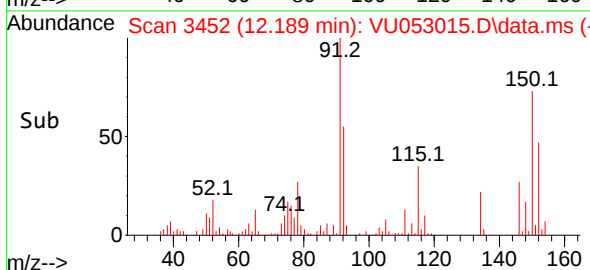
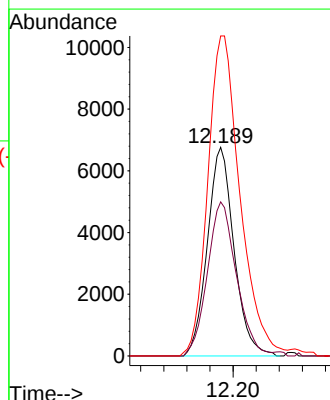
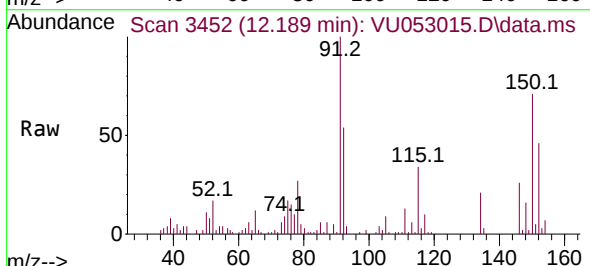
RT: 12.189 min Scan# 3452

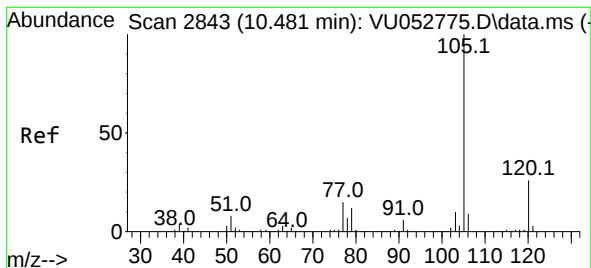
Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Tgt Ion:152	Resp:	10824
Ion Ratio	Lower	Upper
152	100	
115	80.6	0.0 262.6
150	185.6	0.0 638.0





#69

Isopropylbenzene

Concen: 2.226 ug/l

RT: 10.482 min Scan# 2843

Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

Tgt Ion:105 Resp: 8224

Ion Ratio Lower Upper

105 100

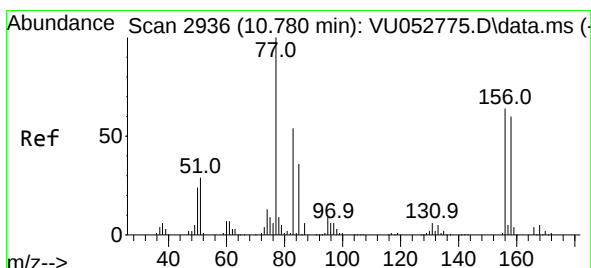
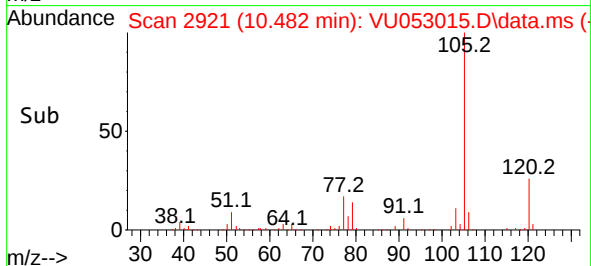
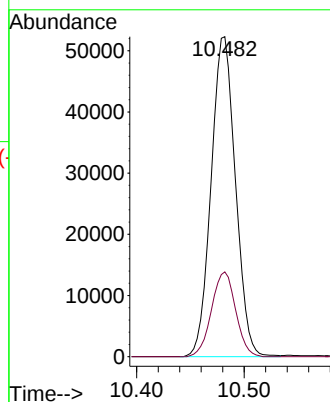
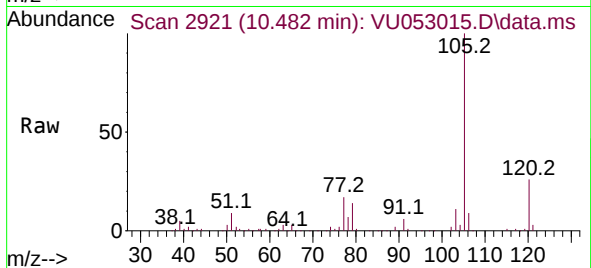
120 26.3 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 2.190 ug/l

RT: 10.781 min Scan# 3014

Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

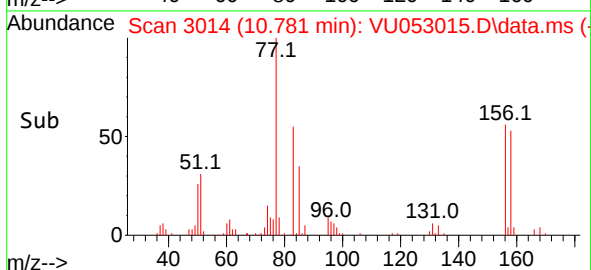
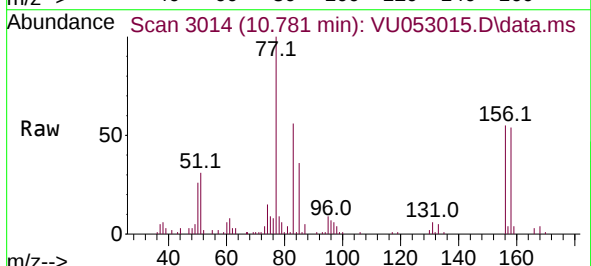
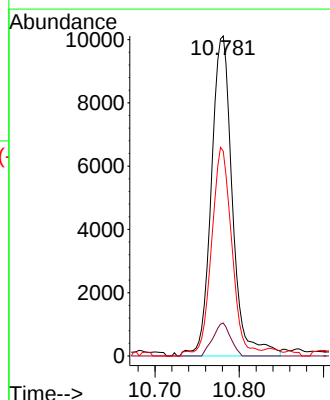
Tgt Ion: 83 Resp: 17575

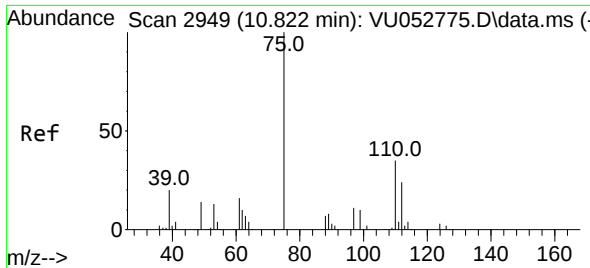
Ion Ratio Lower Upper

83 100

131 8.6 8.6 13.0#

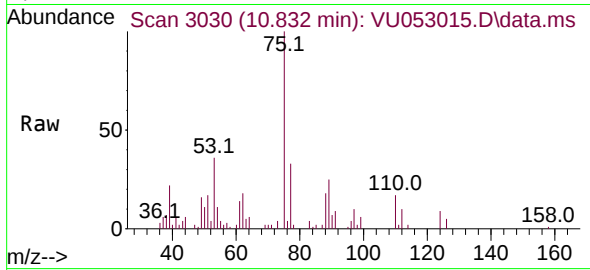
85 62.9 52.6 78.8





#71
1,2,3-Trichloropropane
Concen: 2.356 ug/l m
RT: 10.832 min Scan# 3010
Delta R.T. 0.010 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

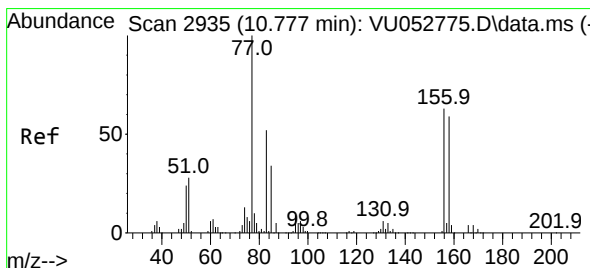
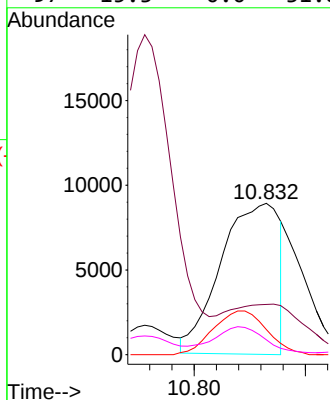
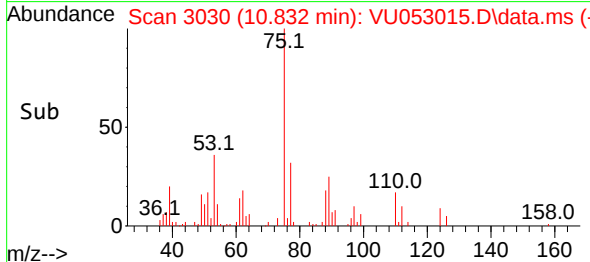
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



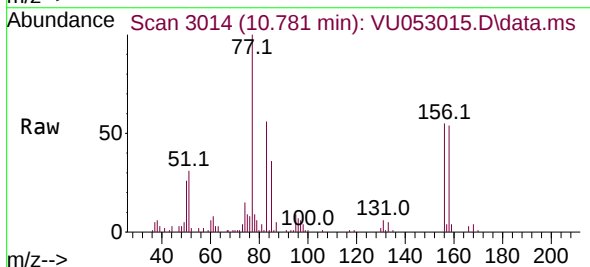
Tgt Ion:	75	Resp:	16370
Ion Ratio	100	Lower	Upper
75	100	0.0	86.0
110	26.4	0.0	63.8
97	15.3	0.0	31.8

Manual Integrations
APPROVED

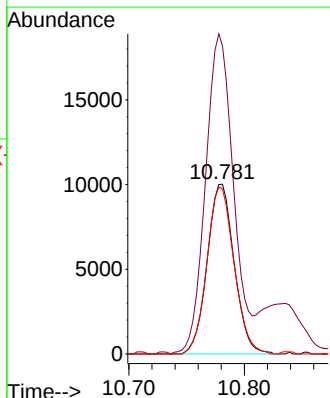
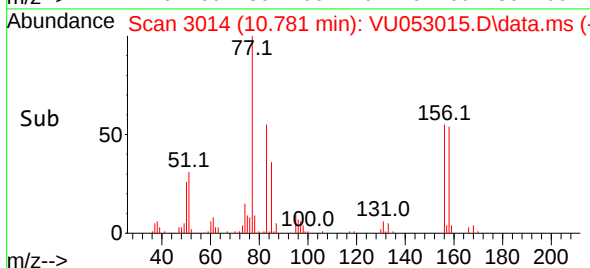
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

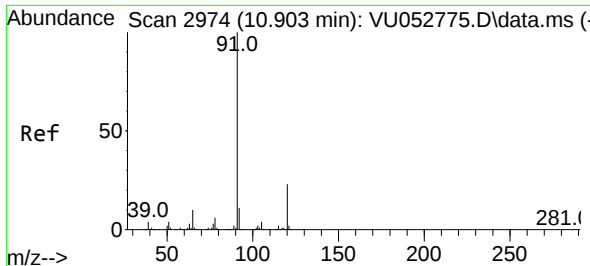


#72
Bromobenzene
Concen: 1.733 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.004 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26



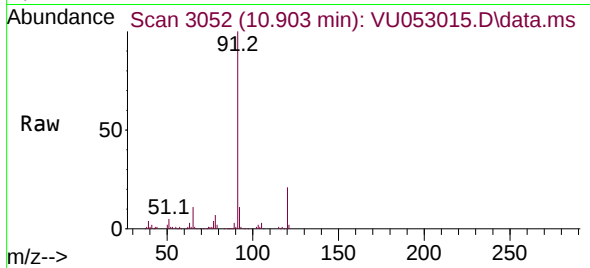
Tgt Ion:	156	Resp:	16261
Ion Ratio	100	Lower	Upper
156	100	0.0	321.2
77	194.4	0.0	192.0
158	99.0	0.0	192.0





#73
n-propylbenzene
Concen: 2.103 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

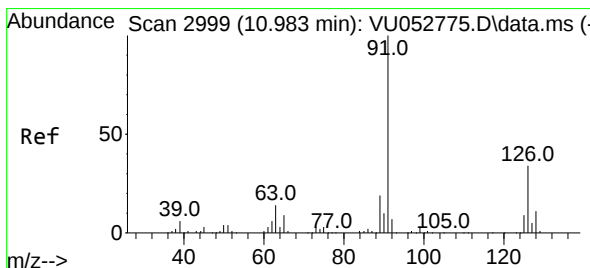
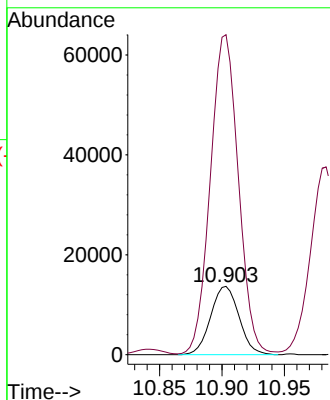
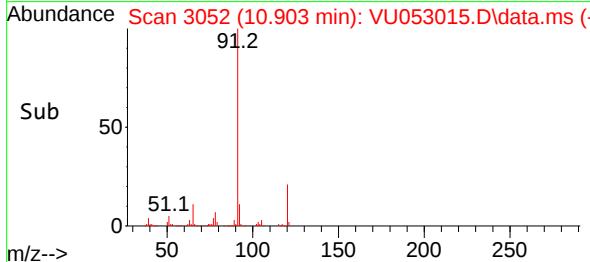
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



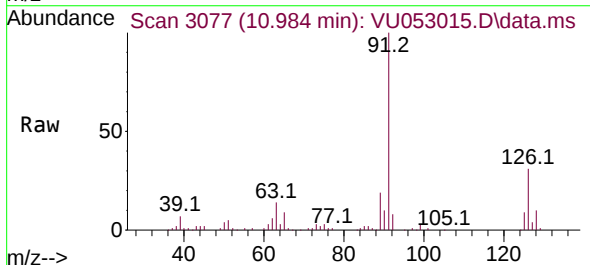
Tgt Ion:120 Resp: 21670
Ion Ratio Lower Upper
120 100
91 460.8 348.0 522.0

Manual Integrations
APPROVED

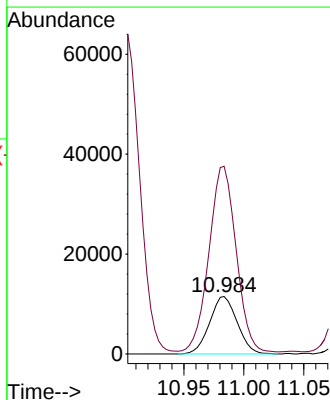
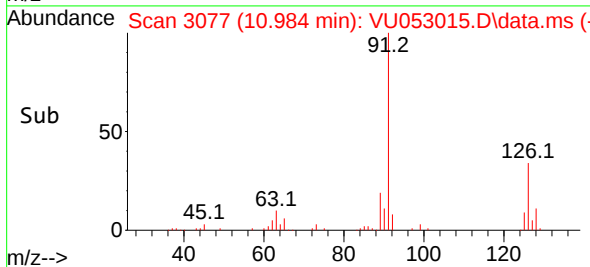
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

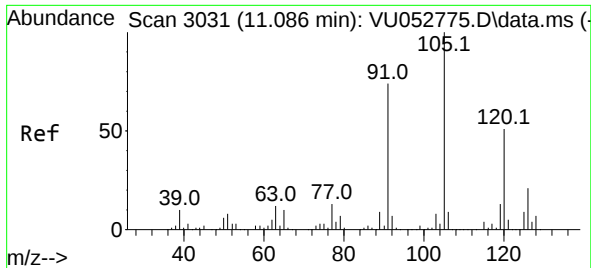


#74
2-Chlorotoluene
Concen: 1.962 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26



Tgt Ion:126 Resp: 18313
Ion Ratio Lower Upper
126 100
91 319.9 0.0 588.6





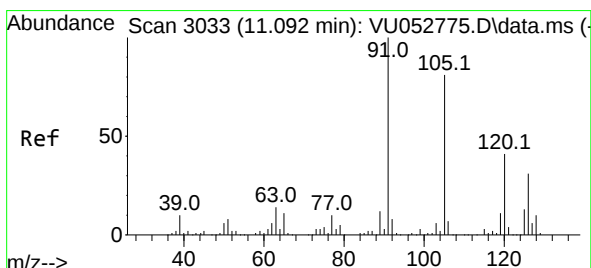
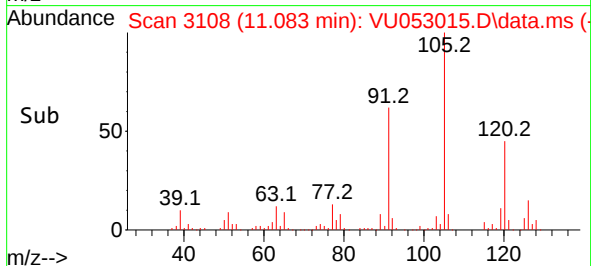
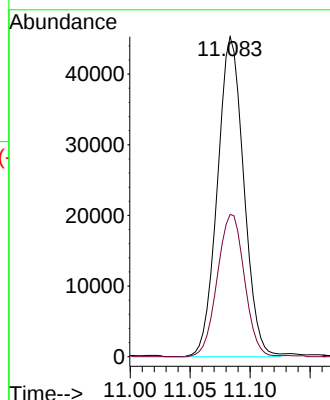
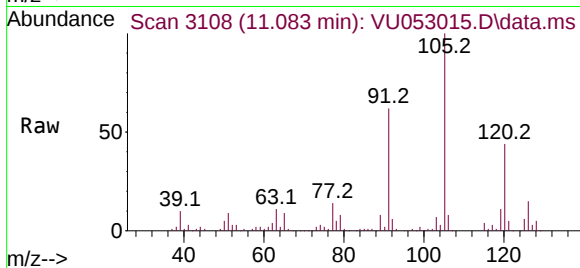
#75
1,3,5-Trimethylbenzene
Concen: 2.164 ug/l
RT: 11.083 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01

Tgt Ion:105 Resp: 6907
Ion Ratio Lower Upper
105 100
120 45.8 39.9 59.9

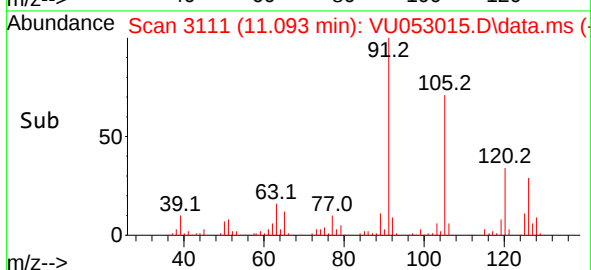
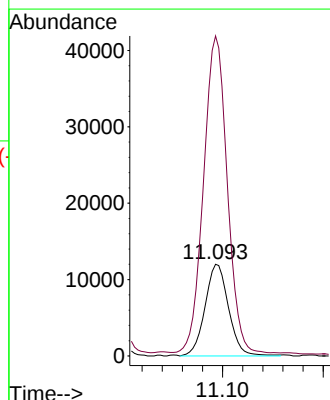
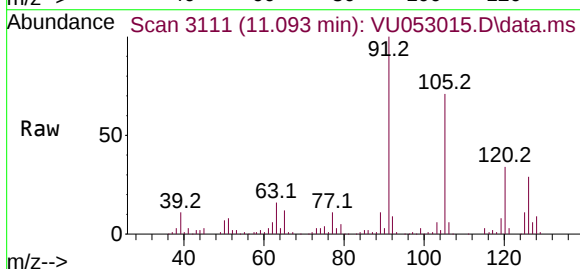
Manual Integrations
APPROVED

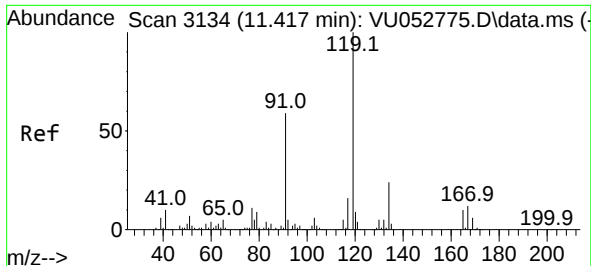
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#76
4-Chlorotoluene
Concen: 2.036 ug/l
RT: 11.093 min Scan# 3111
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

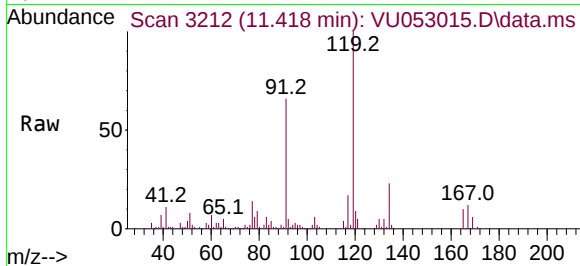
Tgt Ion:126 Resp: 19503
Ion Ratio Lower Upper
126 100
91 346.8 0.0 661.8





#77
tert-Butylbenzene
Concen: 2.075 ug/l
RT: 11.418 min Scan# 3134
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

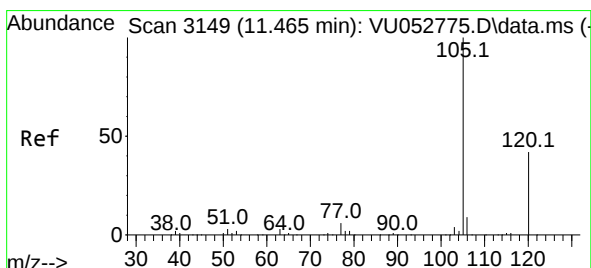
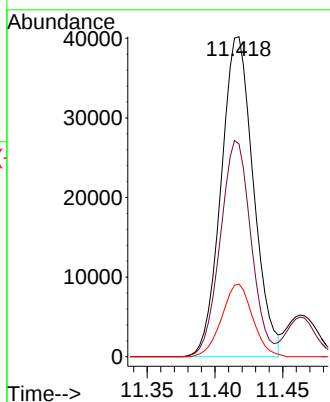
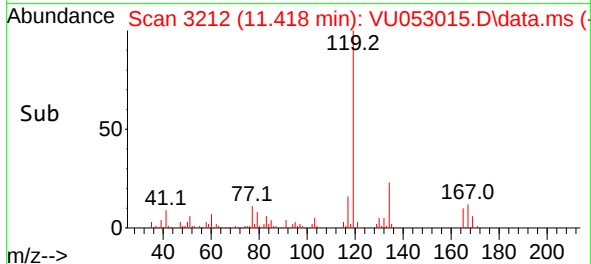
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



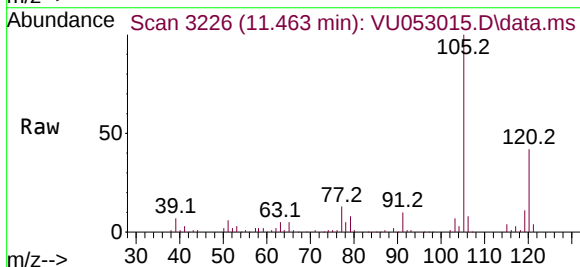
Tgt Ion:119 Resp: 6666
Ion Ratio Lower Upper
119 100
91 64.3 28.4 85.3
134 21.7 18.6 27.8

Manual Integrations
APPROVED

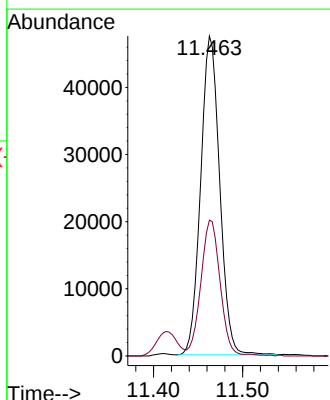
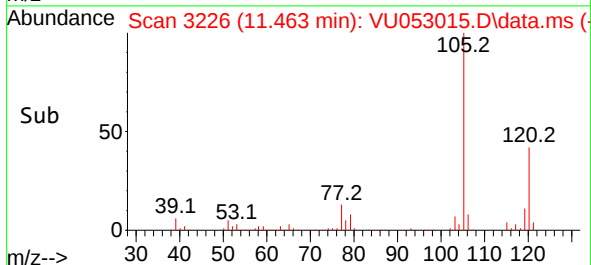
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

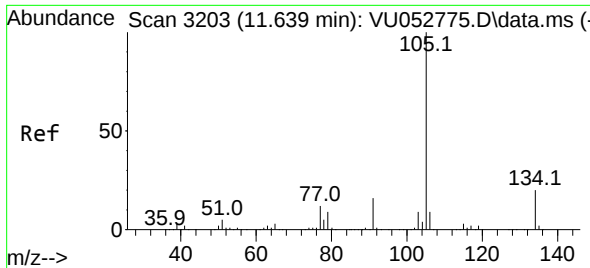


#78
1,2,4-Trimethylbenzene
Concen: 2.190 ug/l
RT: 11.463 min Scan# 3226
Delta R.T. -0.002 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26



Tgt Ion:105 Resp: 70590
Ion Ratio Lower Upper
105 100
120 43.2 23.4 70.3





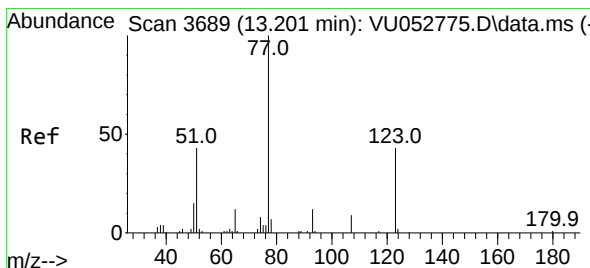
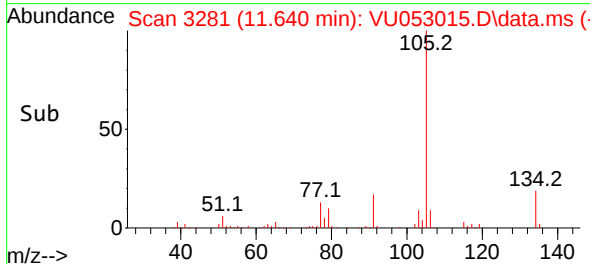
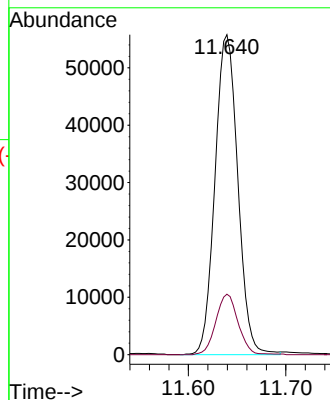
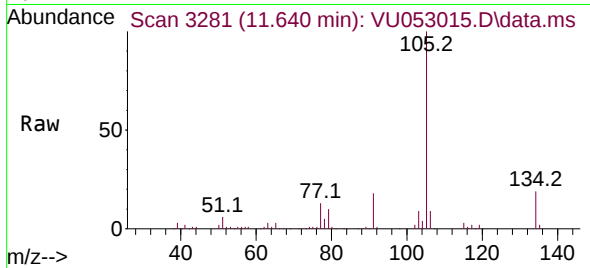
#79
 sec-Butylbenzene
 Concen: 2.173 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VU053015.D
 Acq: 09 Feb 2023 13:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0209WBS01

Tgt Ion:105 Resp: 90790
 Ion Ratio Lower Upper
 105 100
 134 18.5 16.5 24.7

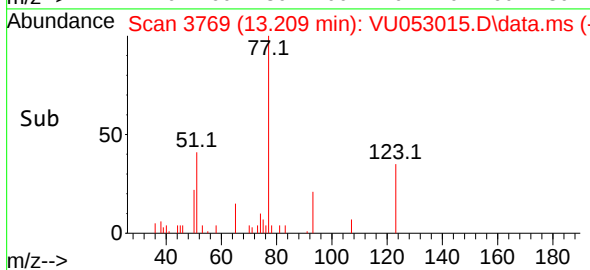
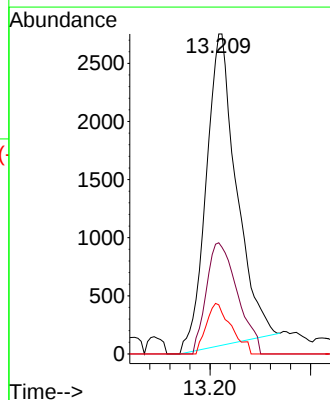
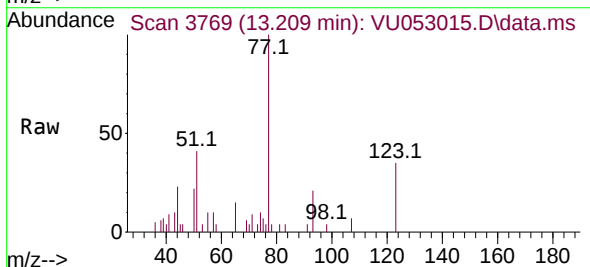
Manual Integrations
 APPROVED

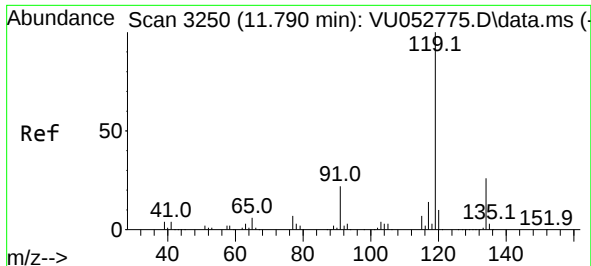
Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023



#80
 Nitrobenzene
 Concen: 11.309 ug/l
 RT: 13.209 min Scan# 3769
 Delta R.T. 0.008 min
 Lab File: VU053015.D
 Acq: 09 Feb 2023 13:26

Tgt Ion: 77 Resp: 5619
 Ion Ratio Lower Upper
 77 100
 123 36.6 18.8 66.8
 65 13.2 10.1 12.9#





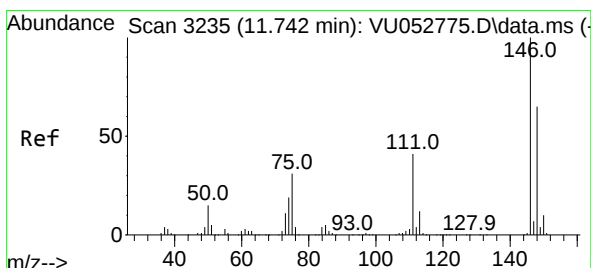
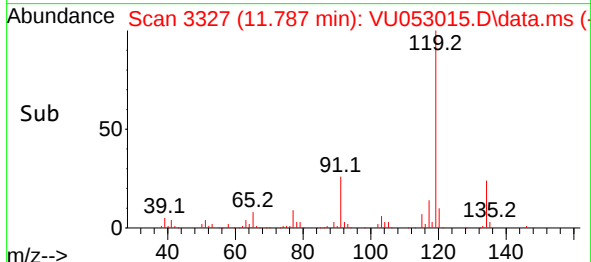
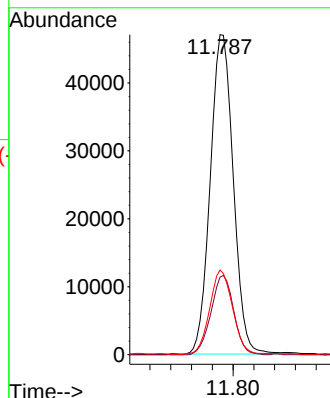
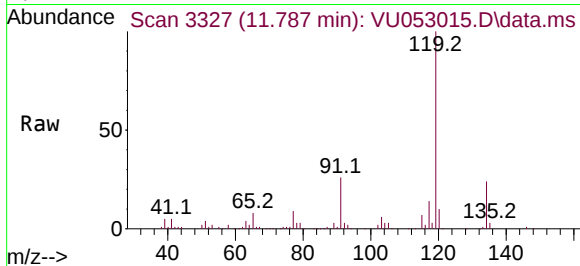
#81
p-Isopropyltoluene
Concen: 2.074 ug/l
RT: 11.787 min Scan# 3313
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01

Tgt Ion:119 Resp: 7223
Ion Ratio Lower Upper
119 100
134 24.4 20.7 31.1
91 26.7 17.6 26.4

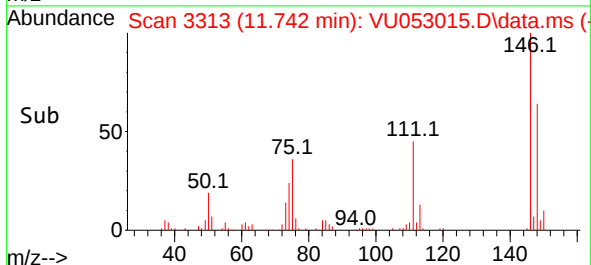
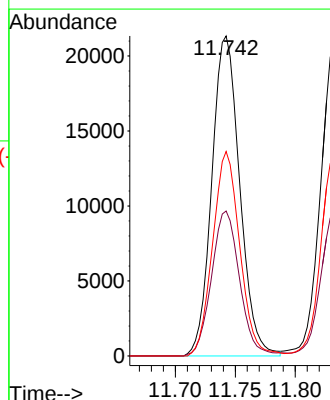
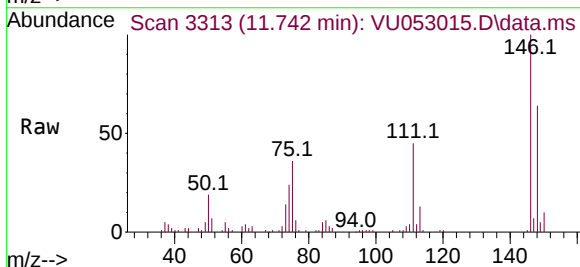
Manual Integrations
APPROVED

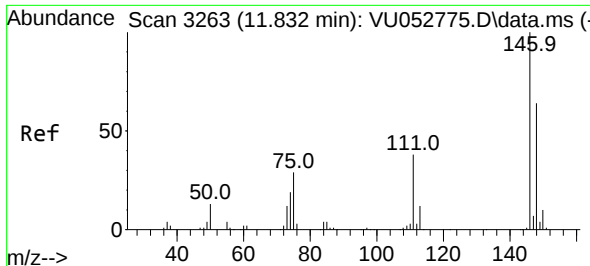
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023



#82
1,3-Dichlorobenzene
Concen: 1.800 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

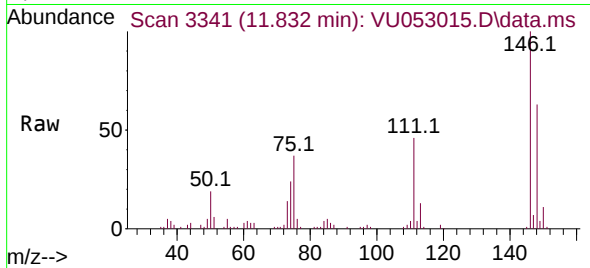
Tgt Ion:146 Resp: 34483
Ion Ratio Lower Upper
146 100
111 45.8 32.6 48.8
148 62.2 51.9 77.9





#83
1,4-Dichlorobenzene
Concen: 1.779 ug/l
RT: 11.832 min Scan# 3263
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

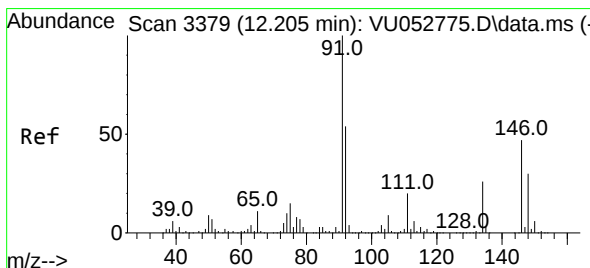
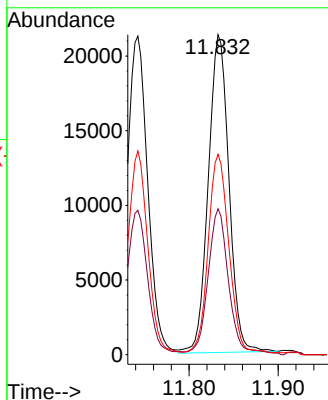
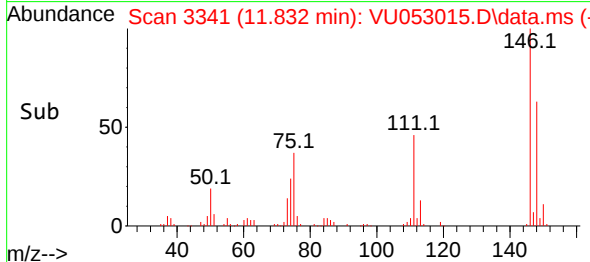
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



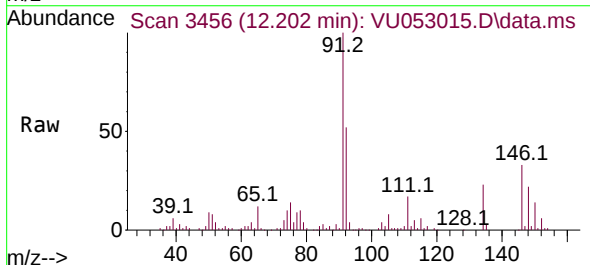
Tgt Ion:146 Resp: 34219
Ion Ratio Lower Upper
146 100
111 45.9 29.5 44.3
148 62.8 51.4 77.0

Manual Integrations
APPROVED

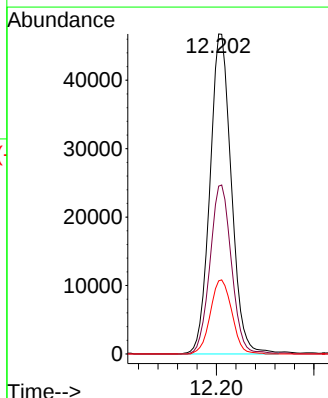
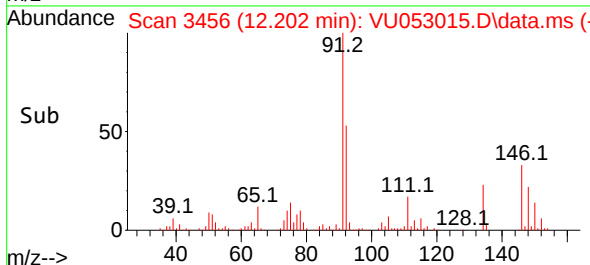
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

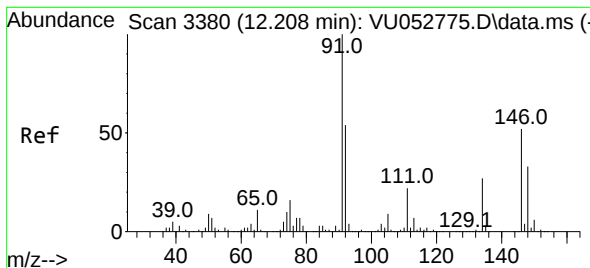


#84
n-Butylbenzene
Concen: 2.329 ug/l
RT: 12.202 min Scan# 3456
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26



Tgt Ion: 91 Resp: 71416
Ion Ratio Lower Upper
91 100
92 53.0 43.4 65.0
134 23.2 21.2 31.8





#85

1,2-Dichlorobenzene

Concen: 1.746 ug/l

RT: 12.209 min Scan# 3458

Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

Tgt Ion:146 Resp: 3157

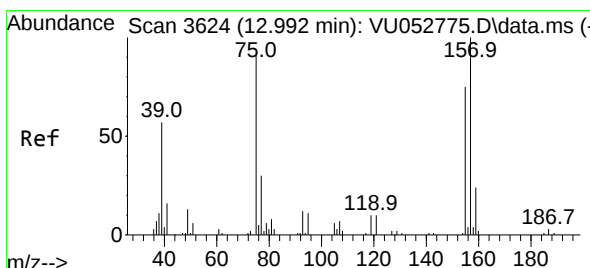
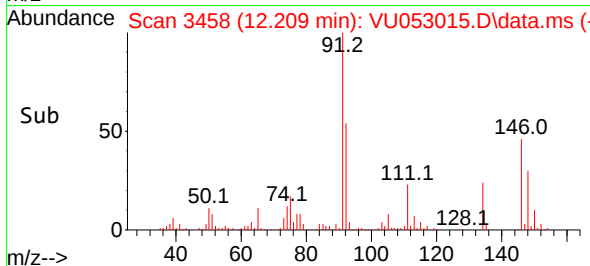
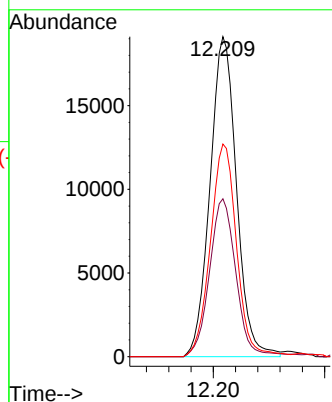
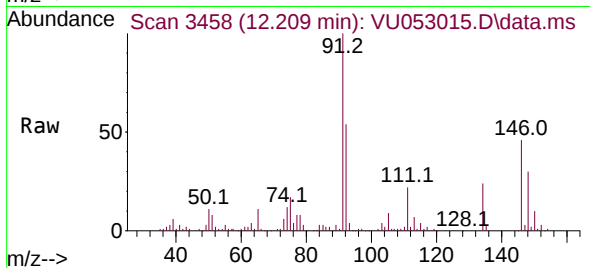
Ion	Ratio	Lower	Upper
146	100		
111	49.4	20.8	62.5
148	65.7	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.109 ug/l

RT: 12.990 min Scan# 3701

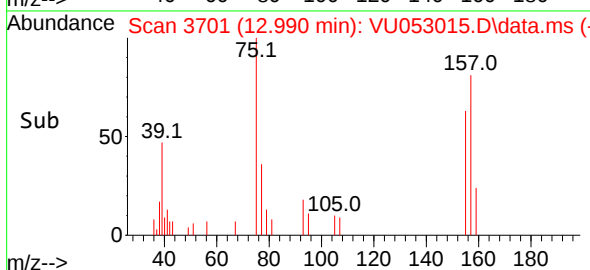
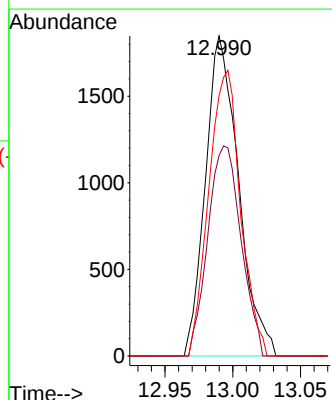
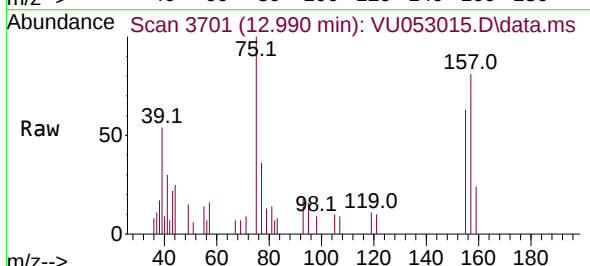
Delta R.T. -0.003 min

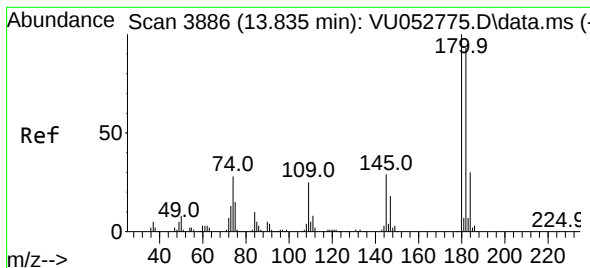
Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Tgt Ion: 75 Resp: 3136

Ion	Ratio	Lower	Upper
75	100		
155	65.8	66.0	99.0#
157	85.6	85.9	128.9#





#87

1,2,4-Trichlorobenzene

Concen: 1.906 ug/l

RT: 13.836 min Scan# 3964

Delta R.T. 0.001 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

VU0209WBS01

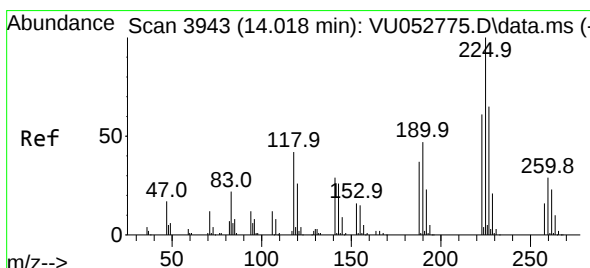
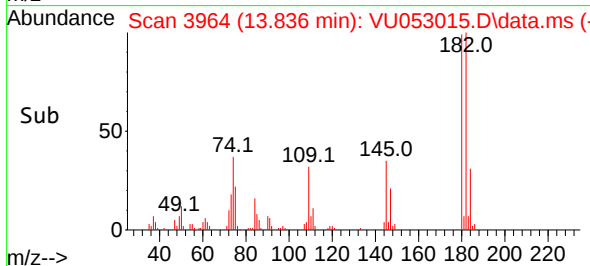
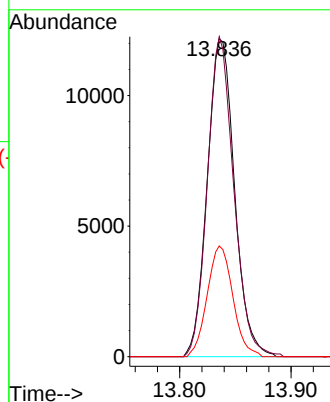
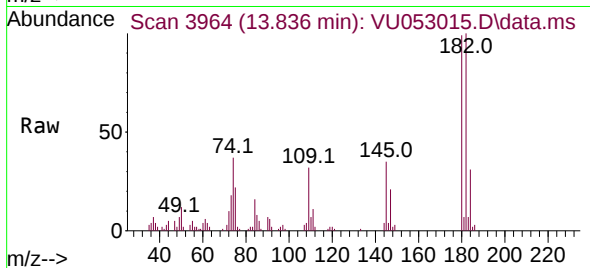
Tgt Ion:180	Resp:	2067
Ion Ratio	Lower	Upper
180	100	
182	97.5	74.6 112.0
145	32.9	23.4 35.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/10/2023

Supervised By :Mahesh Dadoda 02/10/2023



#88

Hexachlorobutadiene

Concen: 1.441 ug/l

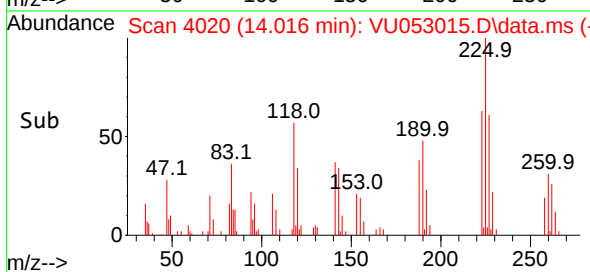
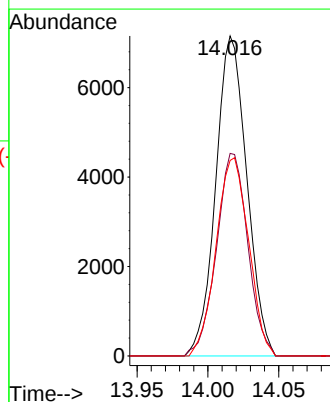
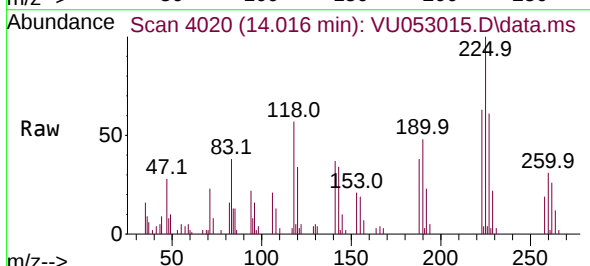
RT: 14.016 min Scan# 4020

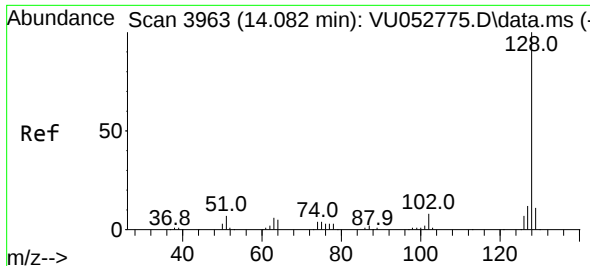
Delta R.T. -0.003 min

Lab File: VU053015.D

Acq: 09 Feb 2023 13:26

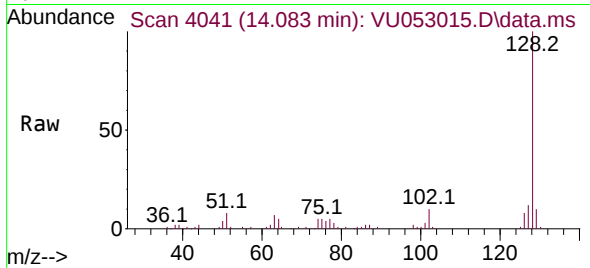
Tgt Ion:225	Resp:	10953
Ion Ratio	Lower	Upper
225	100	
223	63.7	49.8 74.6
227	64.6	51.5 77.3





#89
Naphthalene
Concen: 2.174 ug/l
RT: 14.083 min Scan# 4011
Delta R.T. 0.001 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26

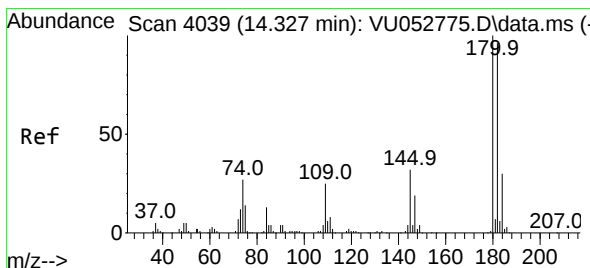
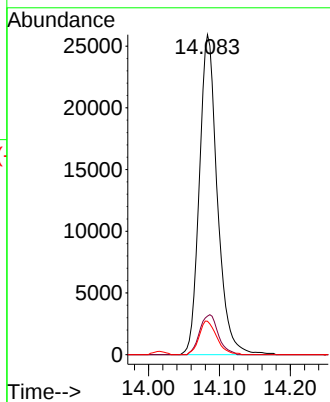
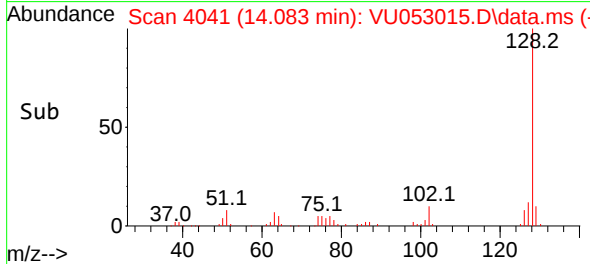
Instrument :
MSVOA_U
ClientSampleId :
VU0209WBS01



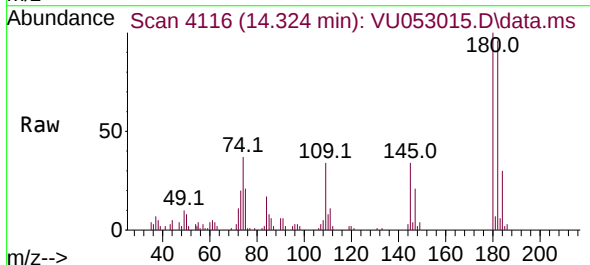
Tgt Ion:128 Resp: 45708
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.3 8.6 12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 1.870 ug/l
RT: 14.324 min Scan# 4116
Delta R.T. -0.003 min
Lab File: VU053015.D
Acq: 09 Feb 2023 13:26



Tgt Ion:180 Resp: 19249
Ion Ratio Lower Upper
180 100
182 95.4 77.8 116.6
145 34.9 25.2 37.8

