

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
 Data File : VU053464.D
 Acq On : 29 Mar 2023 14:26
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

Quant Time: Mar 30 09:49:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 30 09:48:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.111	96	43353	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	14200	0.907	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	15080	0.960	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	14077	0.898	ug/l	100
3) Chloromethane	1.517	50	15550	0.974	ug/l	100
4) Vinyl Chloride	1.604	62	15093	0.895	ug/l	92
5) Bromomethane	1.858	94	13897	0.812	ug/l	96
6) Chloroethane	1.932	64	8785	0.815	ug/l	94
7) Trichlorofluoromethane	2.137	101	21516	0.852	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	10252	0.819	ug/l	91
9) 1,1-Dichloroethene	2.578	96	9541	0.833	ug/l	84
10) Iodomethane	2.723	142	7058	1.087	ug/l	88
11) Allyl Chloride	2.922	41	10809	0.836	ug/l	86
12) Acrylonitrile	3.324	53	4096m	1.902	ug/l	
13) Acetone	2.645	43	20978	4.807	ug/l	95
14) Carbon Disulfide	2.790	76	29266	0.833	ug/l	99
15) Methylene Chloride	3.044	84	34018	0.898	ug/l	87
16) trans-1,2-Dichloroethene	3.350	96	10272	0.868	ug/l	95
17) 1,1-Dichloroethane	3.861	63	19267	0.892	ug/l	99
18) 2-Butanone	4.719	43	20901	4.706	ug/l	97
19) Cyclohexane	5.385	56	16310	0.917	ug/l	91
20) Methylcyclohexane	6.758	83	20271	0.912	ug/l	91
21) 2,2-Dichloropropane	4.661	77	16485	0.892	ug/l	95
22) cis-1,2-Dichloroethene	4.668	96	11917	0.927	ug/l	97
23) Diethyl Ether	2.375	59	8433	0.928	ug/l	95
24) tert-Butyl Alcohol	3.227	59	7555m	9.902	ug/l	
25) Methyl tert-Butyl Ether	3.362	73	22535	0.888	ug/l	96
26) Bromochloromethane	4.967	128	4338	0.837	ug/l	89
27) Chloroform	5.086	83	19844	0.885	ug/l	98
28) 1,1,1-Trichloroethane	5.308	97	17983	0.930	ug/l	93
29) 1,1-Dichloropropene	5.526	75	14608	0.873	ug/l	98
30) Carbon Tetrachloride	5.517	117	13543	0.880	ug/l	98
31) Isopropyl Ether	3.986	45	25508	0.858	ug/l	99
32) Ethyl-t-butyl ether	4.494	59	26449	0.867	ug/l	98
33) Tert-Amyl methyl ether	5.935	73	24174	0.891	ug/l	98
34) Propionitrile	4.812	54	3679m	5.367	ug/l	
35) Benzene	5.771	78	43042	0.880	ug/l	98
36) 1,2-Dichloroethane	5.790	62	12902	0.918	ug/l	# 93
37) Trichloroethene	6.542	130	11005	0.894	ug/l	86
38) 1,2-Dichloropropane	6.790	63	11778	0.939	ug/l	90
39) Methacrylonitrile	4.976	41	2929	0.959	ug/l	# 83
40) Methyl acrylate	4.857	55	5075m	0.952	ug/l	
41) Tetrahydrofuran	5.066	42	2625	1.647	ug/l	# 37
42) 1-Chlorobutane	5.456	56	19340	0.869	ug/l	99
43) Dibromomethane	6.912	93	5311	0.889	ug/l	95
44) Bromodichloromethane	7.105	83	13209	0.884	ug/l	97

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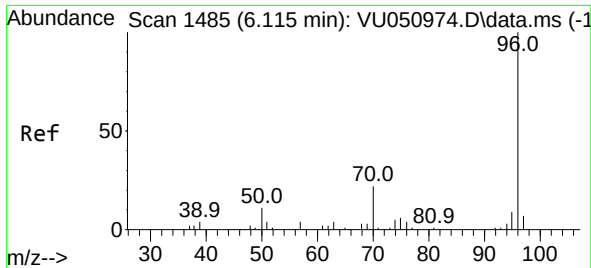
Manual Integrations
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 Supervised By :Mahesh Dadoda 04/07/2023

Quant Time: Mar 30 09:49:42 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.790	43	28604	4.617	ug/l	98
46) t-1,4-Dichloro-2-butene	10.835	75	5261m	1.564	ug/l	
47) Methyl methacrylate	6.960	69	9678	1.762	ug/l	90
48) Ethyl methacrylate	8.330	69	9578	0.899	ug/l	94
49) Toluene	7.963	92	25799	0.860	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	11293	0.816	ug/l	95
51) cis-1,3-Dichloropropene	7.603	75	14551	0.849	ug/l	94
52) 1,1,2-Trichloroethane	8.398	97	7636	0.882	ug/l	94
53) 1,3-Dichloropropane	8.574	76	12650	0.847	ug/l	96
54) 2-Hexanone	8.684	43	29754	4.577	ug/l	95
55) Dibromochloromethane	8.803	129	7081	0.803	ug/l	96
56) 1,2-Dibromoethane	8.922	107	7607	0.953	ug/l	92
58) Tetrachloroethene	8.549	164	10220	0.888	ug/l	93
59) Chlorobenzene	9.443	112	29711	0.900	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.533	131	8342	0.831	ug/l	97
61) Pentachloroethane	11.420	117	6071	0.861	ug/l	87
62) Hexachloroethane	12.475	117	6069	1.008	ug/l #	82
63) Ethyl Benzene	9.568	91	47641	0.823	ug/l	90
64) m/p-Xylenes	9.693	106	35849	1.619	ug/l	97
65) o-Xylene	10.095	106	18565	0.857	ug/l	95
66) Styrene	10.115	104	27482	0.825	ug/l	99
67) Bromoform	10.288	173	3006	0.960	ug/l #	98
69) Isopropylbenzene	10.481	105	46729	0.824	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.777	83	9450	0.906	ug/l	96
71) 1,2,3-Trichloropropane	10.822	75	5685m	0.685	ug/l	
72) Bromobenzene	10.780	156	10461	0.880	ug/l	92
73) n-propylbenzene	10.906	120	12029	0.803	ug/l	86
74) 2-Chlorotoluene	10.986	126	10911	0.842	ug/l	100
75) 1,3,5-Trimethylbenzene	11.086	105	39141	0.822	ug/l	97
76) 4-Chlorotoluene	11.095	126	11484	0.854	ug/l	95
77) tert-Butylbenzene	11.417	119	38350	0.869	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	39048	0.805	ug/l	95
79) sec-Butylbenzene	11.642	105	51938	0.817	ug/l	97
80) Nitrobenzene	13.211	77	1044	3.986	ug/l #	81
81) p-Isopropyltoluene	11.790	119	40383	0.808	ug/l	98
82) 1,3-Dichlorobenzene	11.745	146	20845	0.823	ug/l	95
83) 1,4-Dichlorobenzene	11.835	146	21018	0.820	ug/l	95
84) n-Butylbenzene	12.208	91	38077	0.771	ug/l	98
85) 1,2-Dichlorobenzene	12.211	146	20172	0.840	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.992	75	1167	0.737	ug/l #	81
87) 1,2,4-Trichlorobenzene	13.838	180	10925	0.780	ug/l	98
88) Hexachlorobutadiene	14.018	225	5605	0.837	ug/l	96
89) Naphthalene	14.085	128	21199	0.753	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	9542	0.791	ug/l	97

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



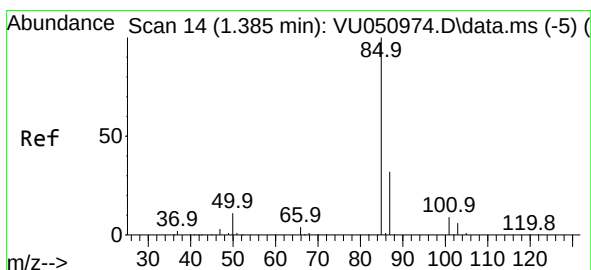
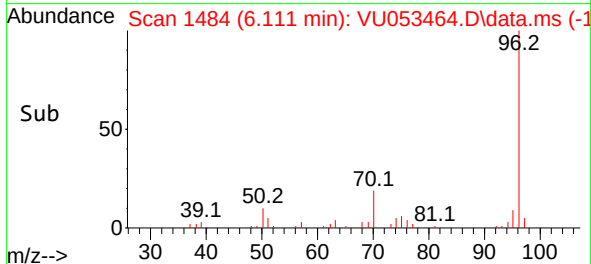
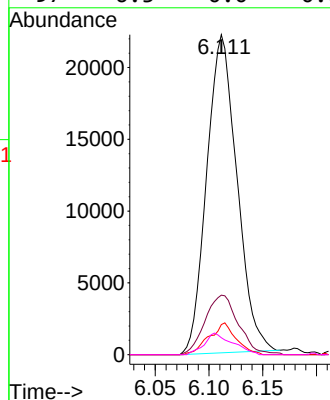
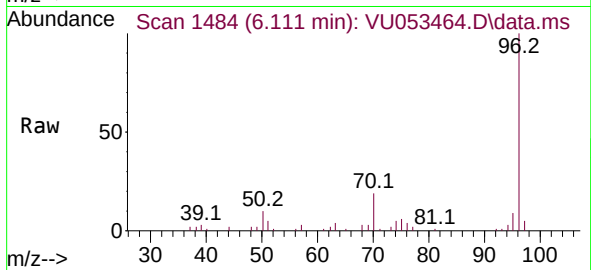
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.111 min Scan# 14
Delta R.T. -0.004 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 96	Resp: 4335
Ion Ratio	Lower Upper
96 100	
70 20.6	16.5 24.7
95 9.0	7.4 11.0
97 6.3	0.0 0.0

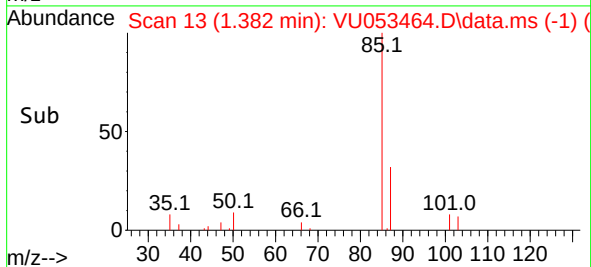
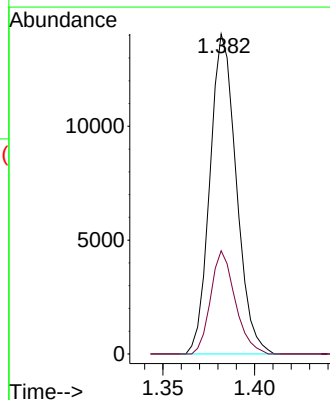
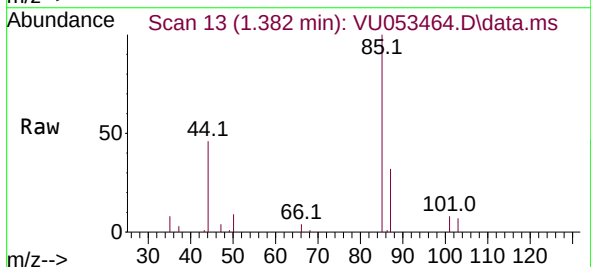
Manual Integrations
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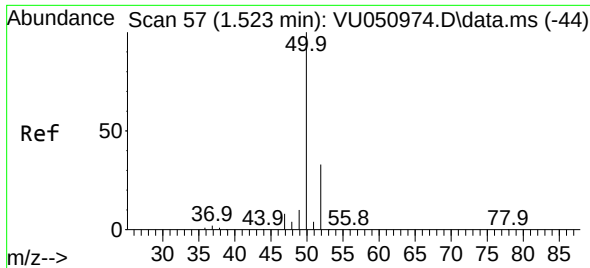
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#2
Dichlorodifluoromethane
Concen: 0.898 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion: 85	Resp: 14077
Ion Ratio	Lower Upper
85 100	
87 32.2	16.2 48.6





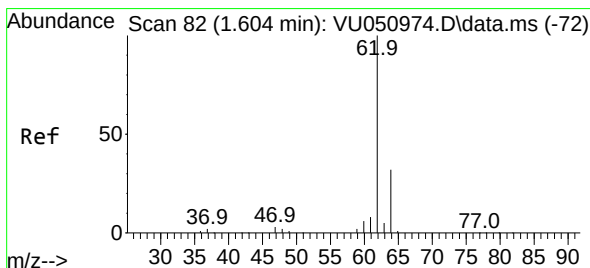
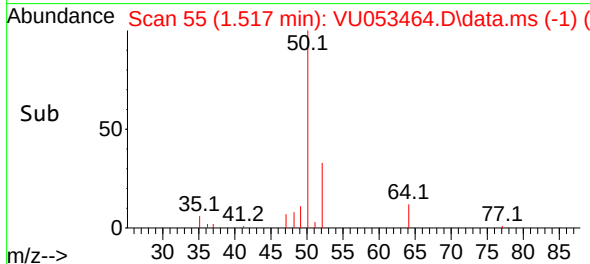
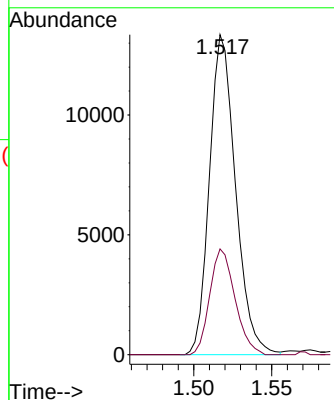
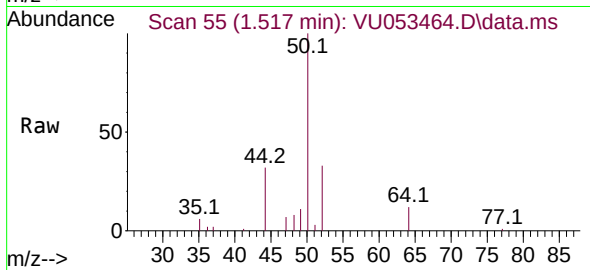
#3
Chloromethane
Concen: 0.974 ug/l
RT: 1.517 min Scan# 50
Delta R.T. -0.007 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 15550
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0

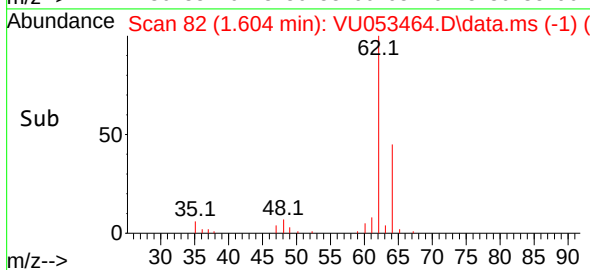
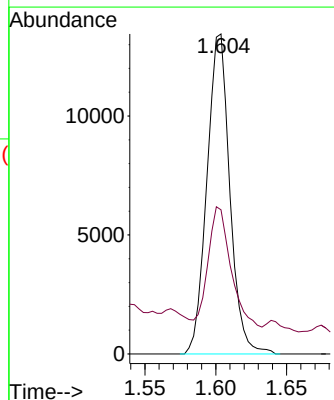
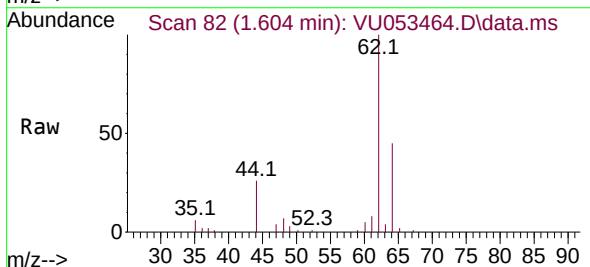
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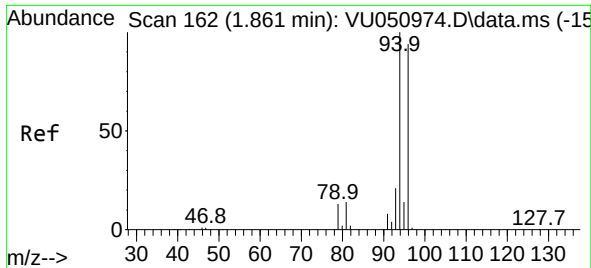
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#4
Vinyl Chloride
Concen: 0.895 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion: 62 Resp: 15093
Ion Ratio Lower Upper
62 100
64 36.2 25.4 38.2





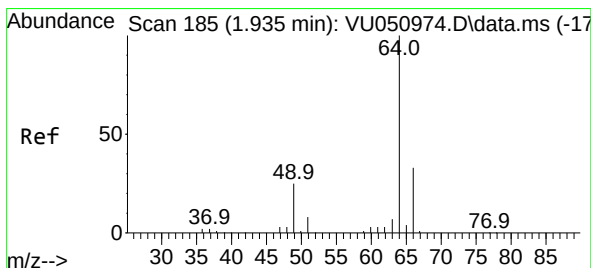
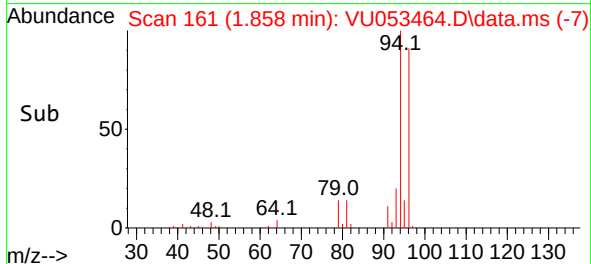
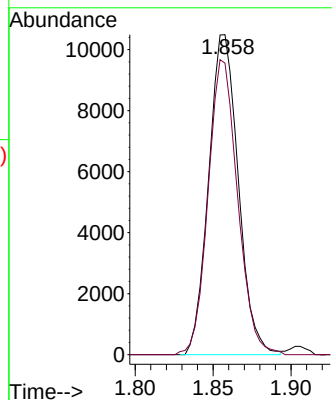
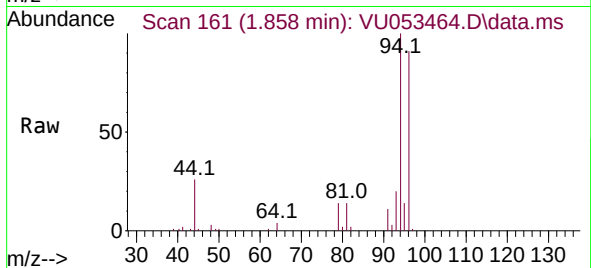
#5
Bromomethane
Concen: 0.812 ug/l
RT: 1.858 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

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ClientSampleId :
VSTDIC001

Tgt Ion: 94 Resp: 1389
Ion Ratio Lower Upper
94 100
96 90.2 75.4 113.2

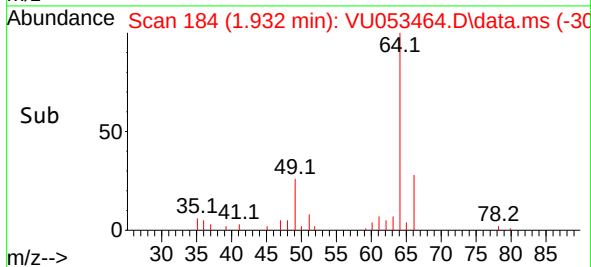
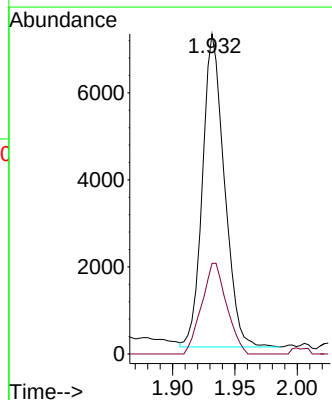
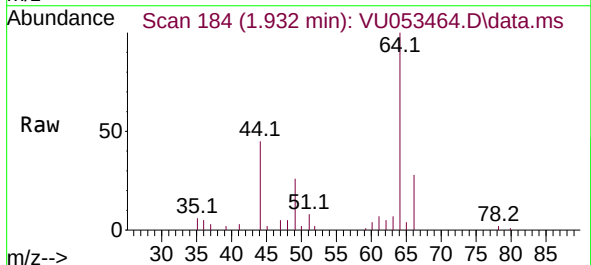
Manual Integrations
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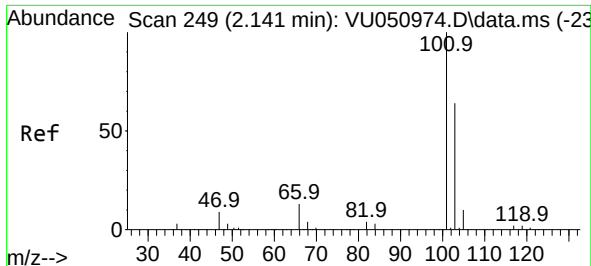
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#6
Chloroethane
Concen: 0.815 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

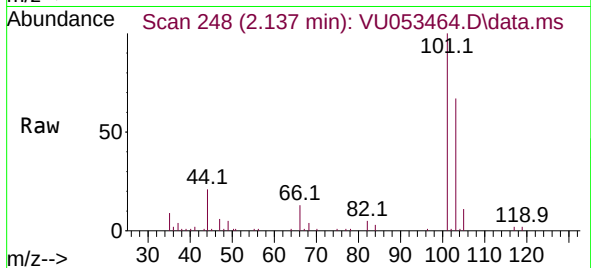
Tgt Ion: 64 Resp: 8785
Ion Ratio Lower Upper
64 100
66 28.9 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 0.852 ug/l
 RT: 2.137 min Scan# 249
 Delta R.T. -0.003 min
 Lab File: VU053464.D
 Acq: 29 Mar 2023 14:26

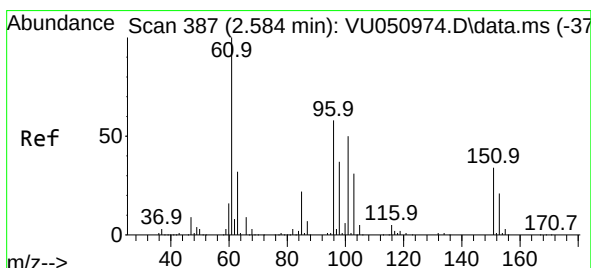
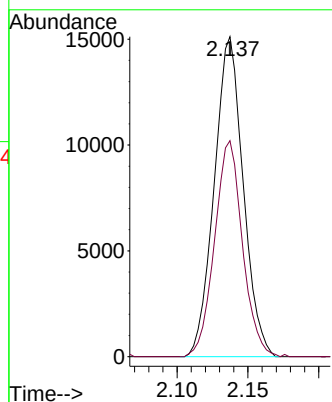
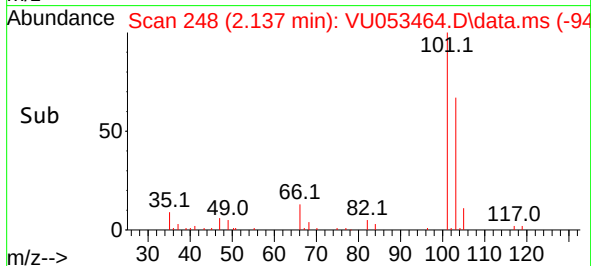
Instrument :
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 ClientSampleId :
 VSTDIC001



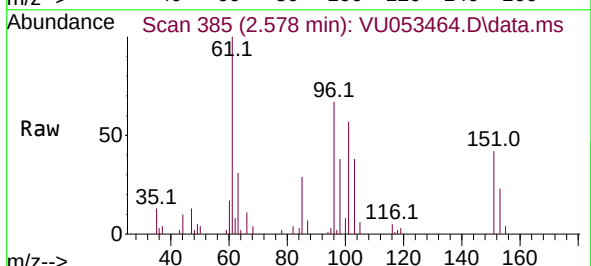
Tgt Ion:101 Resp: 21510
 Ion Ratio Lower Upper
 101 100
 103 67.5 51.4 77.0

Manual Integrations
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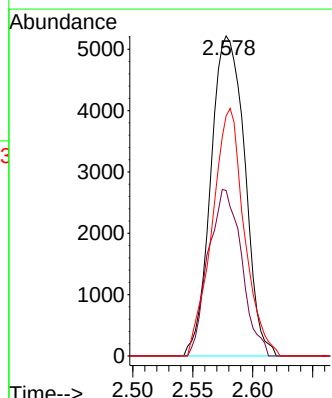
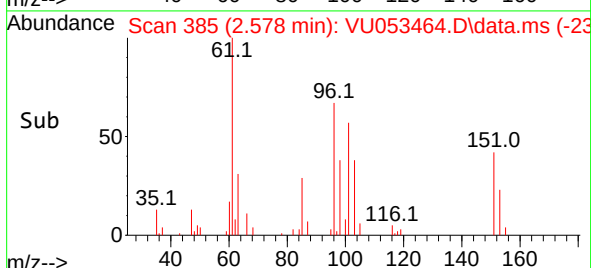
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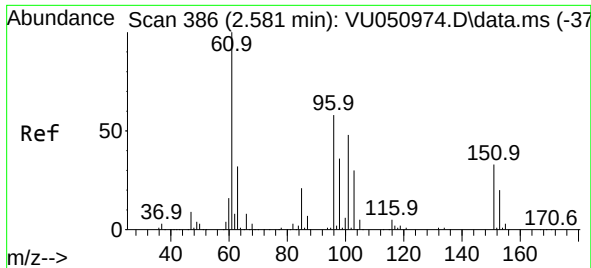


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.819 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.007 min
 Lab File: VU053464.D
 Acq: 29 Mar 2023 14:26



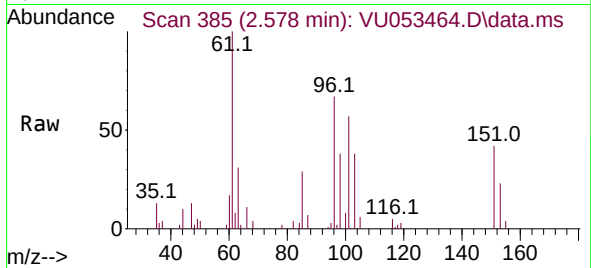
Tgt Ion:101 Resp: 10252
 Ion Ratio Lower Upper
 101 100
 85 51.0 35.4 53.0
 151 73.3 54.0 81.0





#9
1,1-Dichloroethene
Concen: 0.833 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

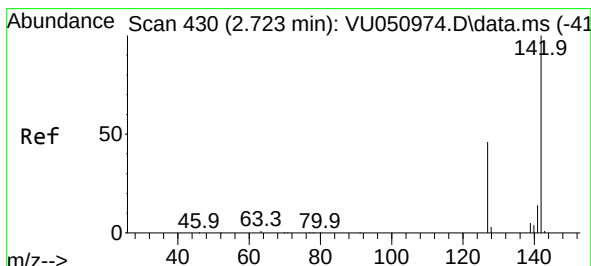
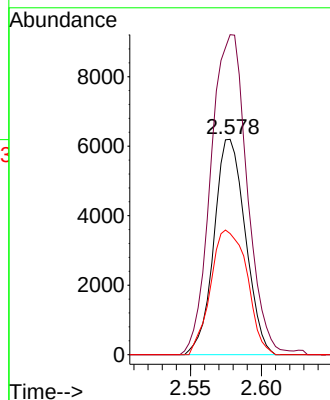
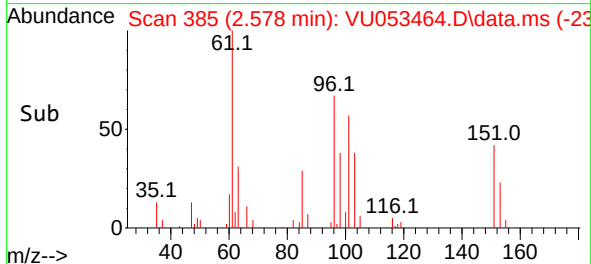
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



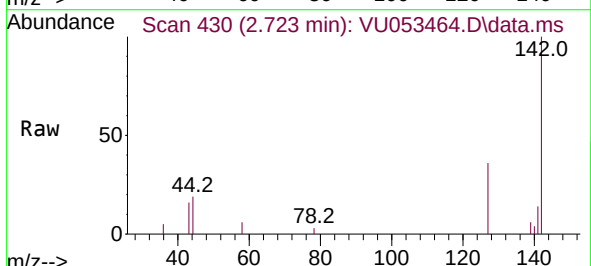
Tgt Ion: 96 Resp: 954
Ion Ratio Lower Upper
96 100
61 148.6 0.0 521.4
98 56.2 0.0 125.8

Manual Integrations
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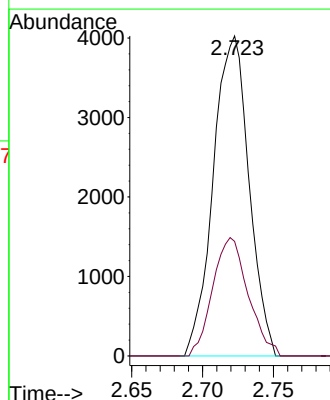
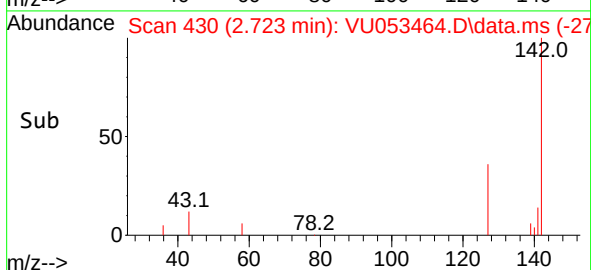
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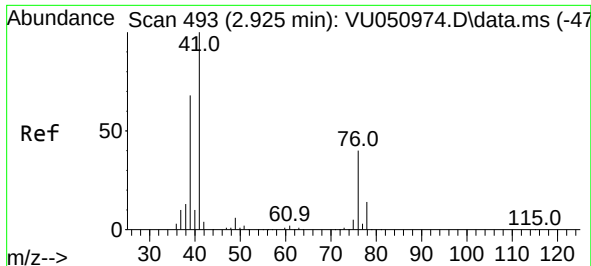


#10
Iodomethane
Concen: 1.087 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26



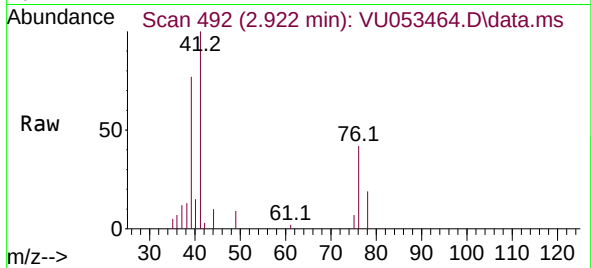
Tgt Ion:142 Resp: 7058
Ion Ratio Lower Upper
142 100
127 36.7 35.9 53.9





#11
 Allyl Chloride
 Concen: 0.836 ug/l
 RT: 2.922 min Scan# 493
 Delta R.T. -0.003 min
 Lab File: VU053464.D
 Acq: 29 Mar 2023 14:26

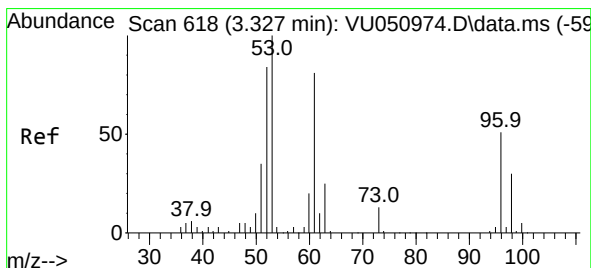
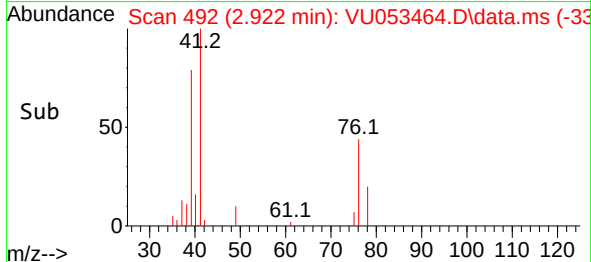
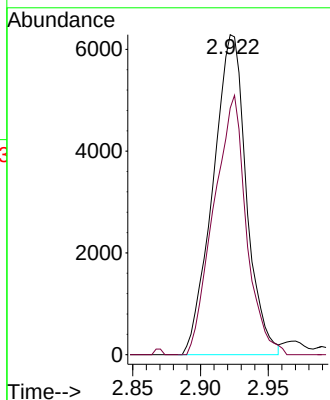
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



Tgt Ion: 41 Resp: 10809
 Ion Ratio Lower Upper
 41 100
 39 78.6 54.2 81.2

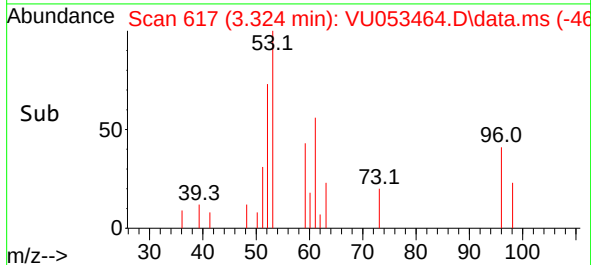
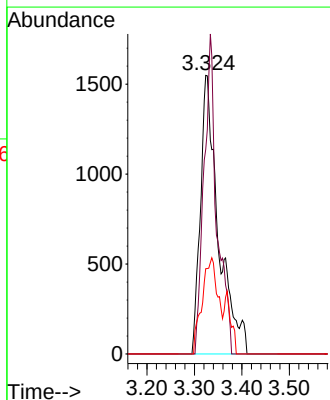
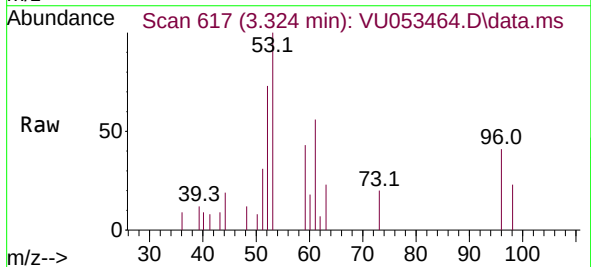
Manual Integrations
 APPROVED

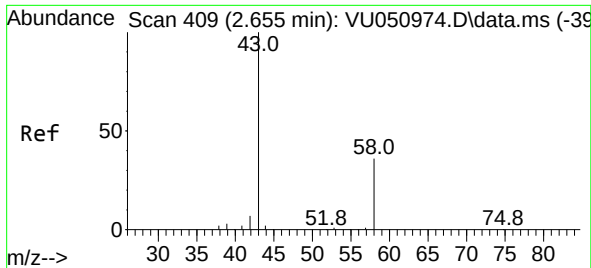
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#12
 Acrylonitrile
 Concen: 1.902 ug/l m
 RT: 3.324 min Scan# 617
 Delta R.T. -0.003 min
 Lab File: VU053464.D
 Acq: 29 Mar 2023 14:26

Tgt Ion: 53 Resp: 4096
 Ion Ratio Lower Upper
 53 100
 52 82.3 62.9 94.3
 51 30.5 27.8 41.6





#13

Acetone

Concen: 4.807 ug/l

RT: 2.645 min Scan# 409

Delta R.T. -0.010 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

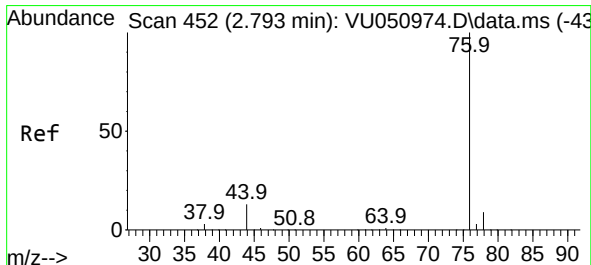
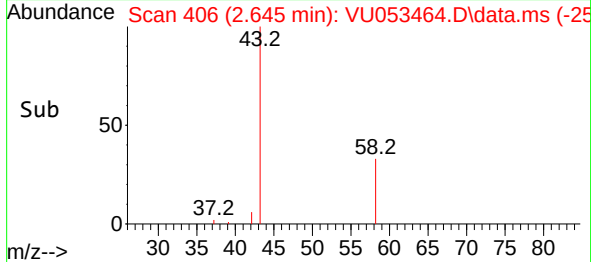
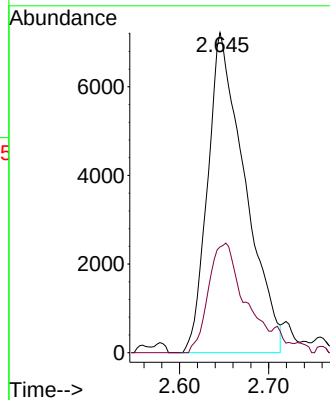
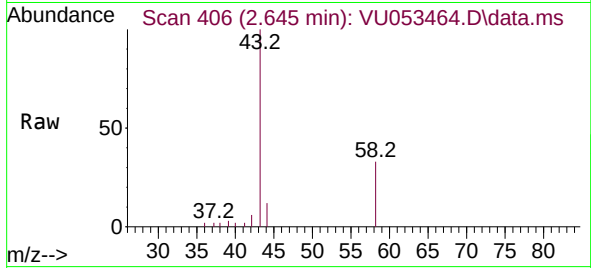
Tgt Ion: 43 Resp: 20978
 Ion Ratio Lower Upper
 43 100
 58 33.0 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#14

Carbon Disulfide

Concen: 0.833 ug/l

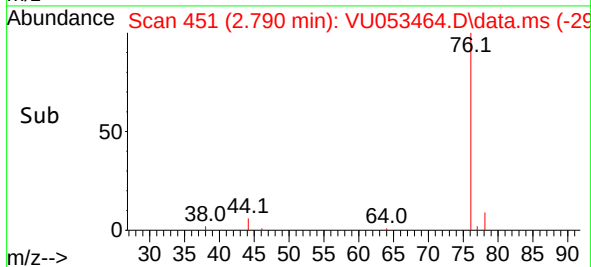
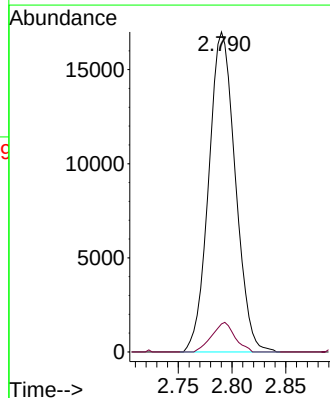
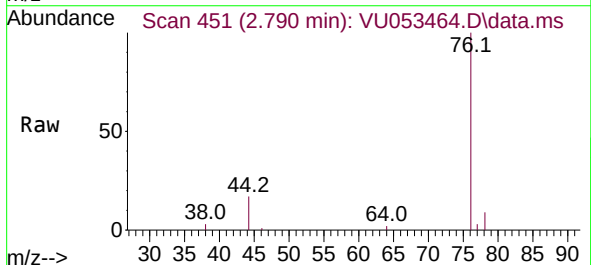
RT: 2.790 min Scan# 451

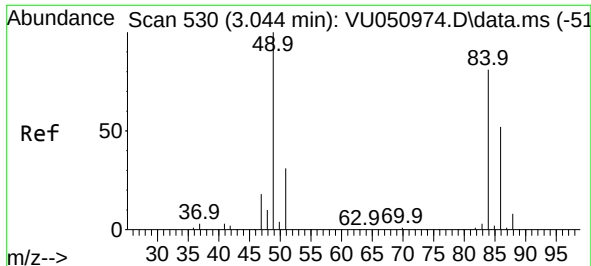
Delta R.T. -0.003 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Tgt Ion: 76 Resp: 29266
 Ion Ratio Lower Upper
 76 100
 78 8.8 7.4 11.0





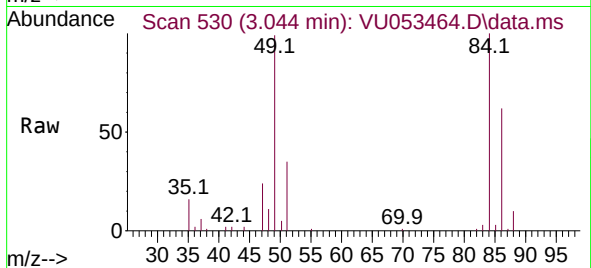
#15
Methylene Chloride
Concen: 0.898 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001



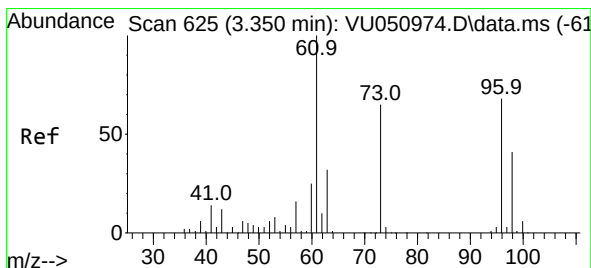
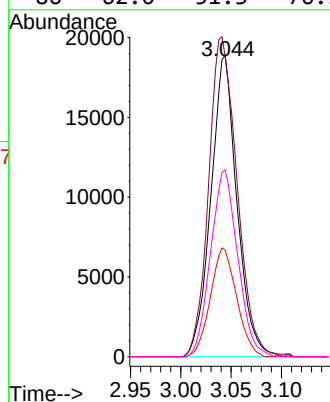
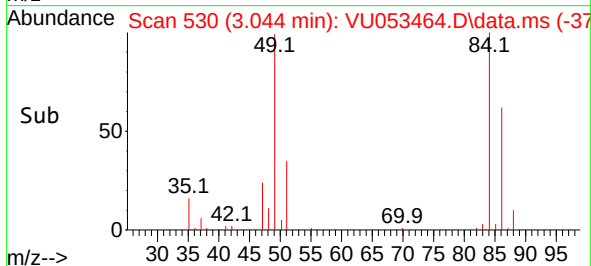
Tgt Ion: 84 Resp: 34018
Ion Ratio Lower Upper
84 100
49 99.5 98.9 148.3
51 35.3 0.0 75.4
86 62.0 51.3 76.9

Manual Integrations

APPROVED

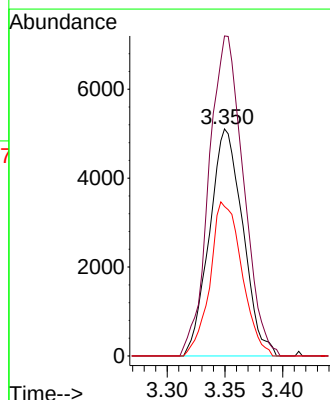
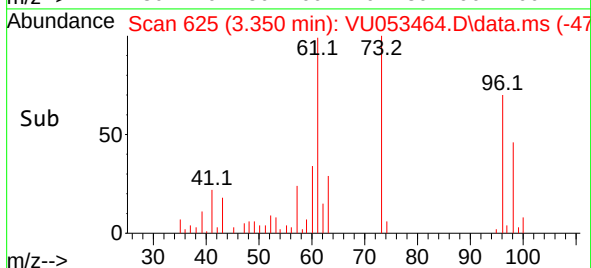
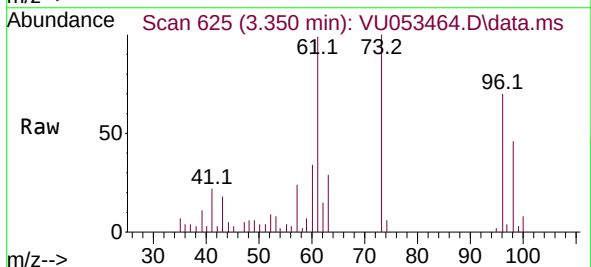
Reviewed By :Krupa Patel 04/07/2023

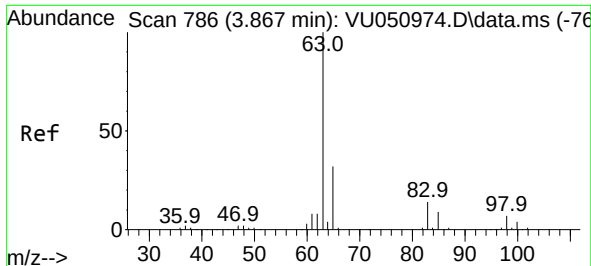
Supervised By :Mahesh Dadoda 04/07/2023



#16
trans-1,2-Dichloroethene
Concen: 0.868 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion: 96 Resp: 10272
Ion Ratio Lower Upper
96 100
61 140.9 117.5 176.3
98 65.8 48.3 72.5





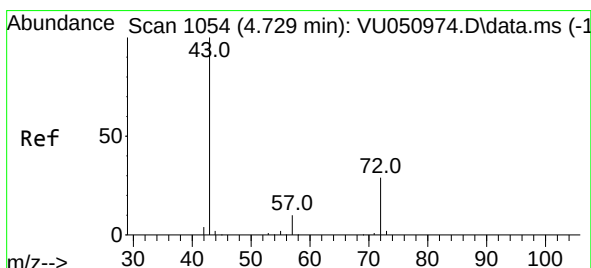
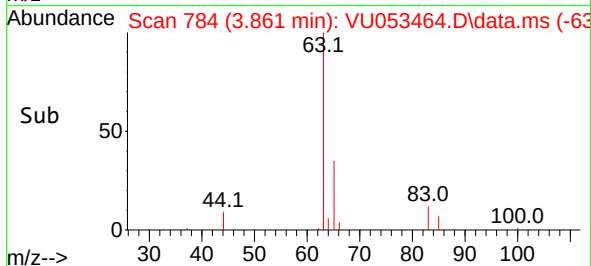
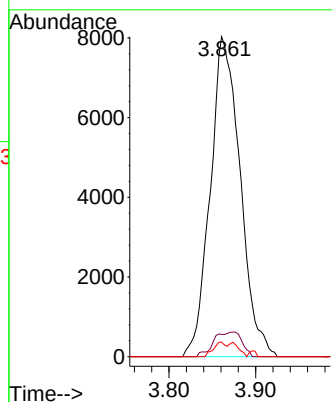
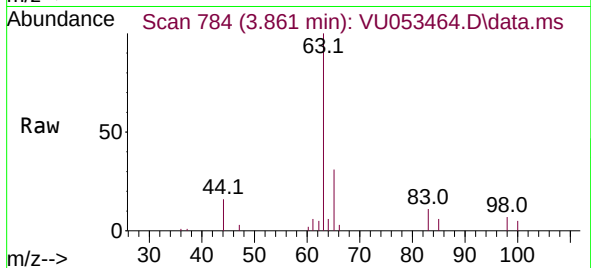
#17
1,1-Dichloroethane
Concen: 0.892 ug/l
RT: 3.861 min Scan# 784
Delta R.T. -0.007 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 1926
Ion Ratio Lower Upper
63 100
98 7.0 3.4 10.1
100 4.6 2.2 6.6

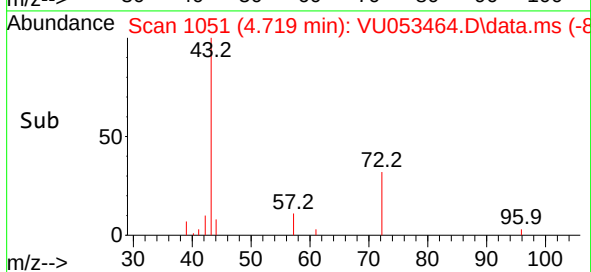
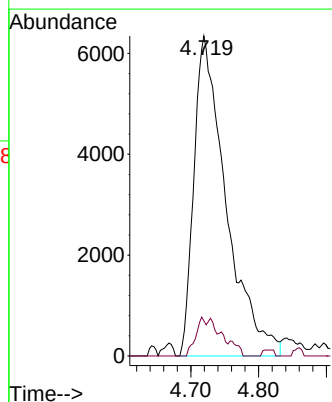
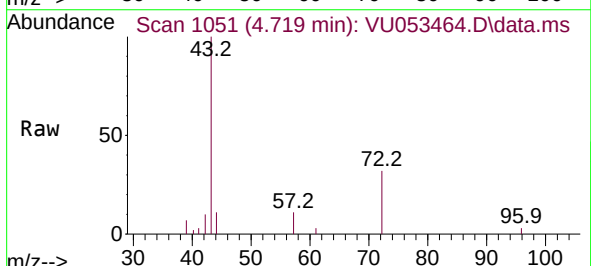
Manual Integrations
APPROVED

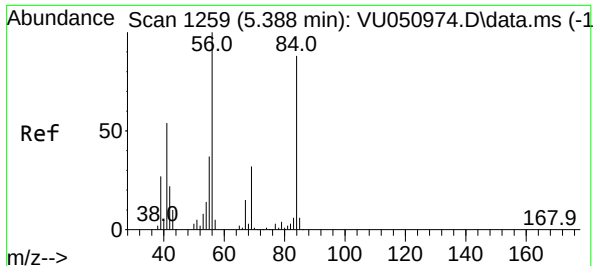
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#18
2-Butanone
Concen: 4.706 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. -0.010 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion: 43 Resp: 20901
Ion Ratio Lower Upper
43 100
57 11.0 0.0 19.6





#19

Cyclohexane

Concen: 0.917 ug/l

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

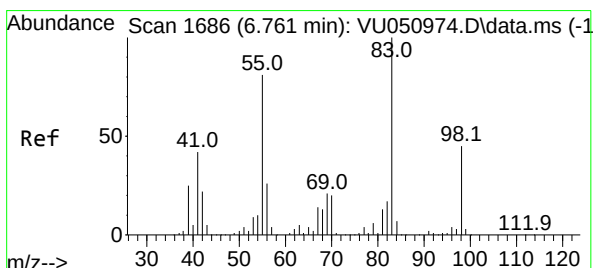
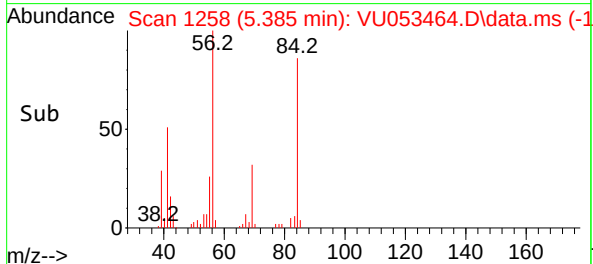
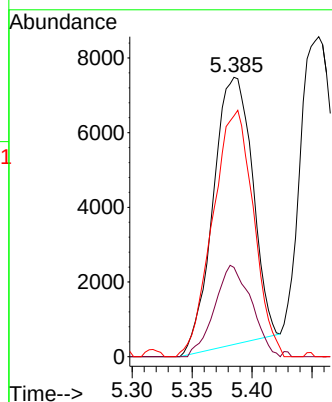
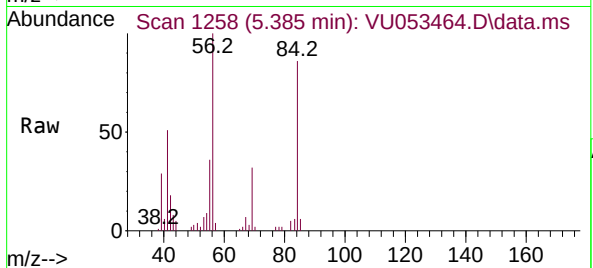
Tgt Ion: 56	Resp: 16310
Ion Ratio	Lower Upper
56	100
69	32.0 24.6 37.0
84	95.6 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#20

Methylcyclohexane

Concen: 0.912 ug/l

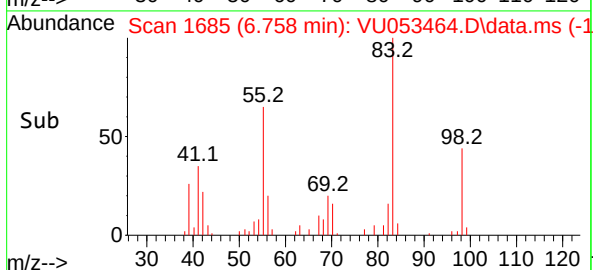
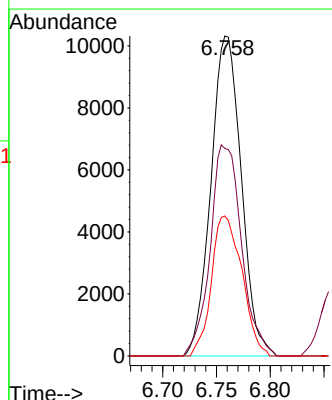
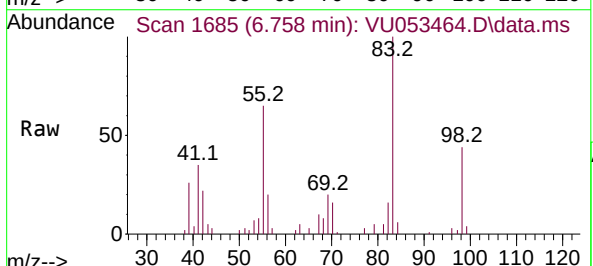
RT: 6.758 min Scan# 1685

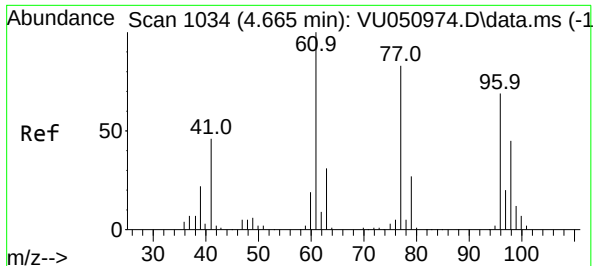
Delta R.T. -0.003 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Tgt Ion: 83	Resp: 20271
Ion Ratio	Lower Upper
83	100
55	68.0 63.5 95.3
98	43.9 36.0 54.0





#21

2,2-Dichloropropane

Concen: 0.892 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 77 Resp: 1648

Ion Ratio Lower Upper

77 100

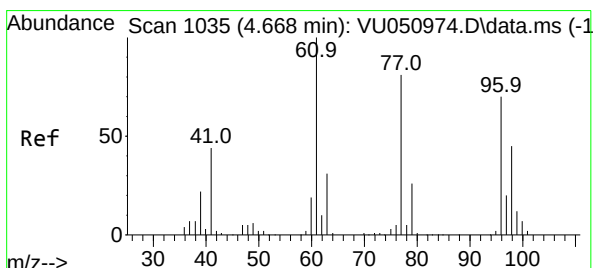
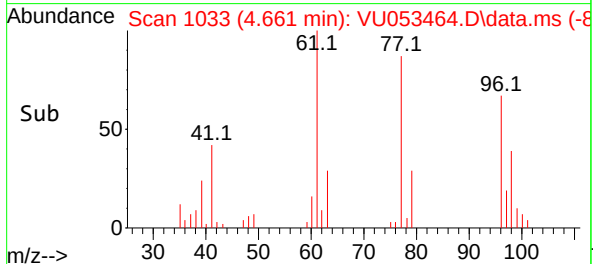
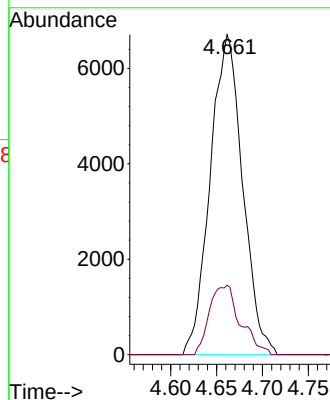
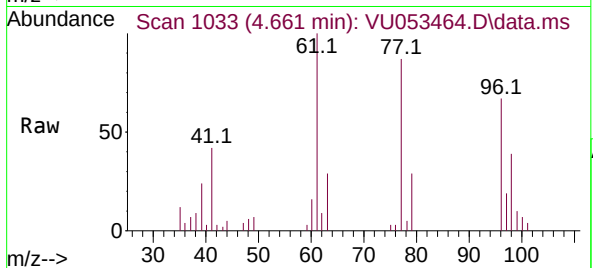
97 20.8 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#22

cis-1,2-Dichloroethene

Concen: 0.927 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

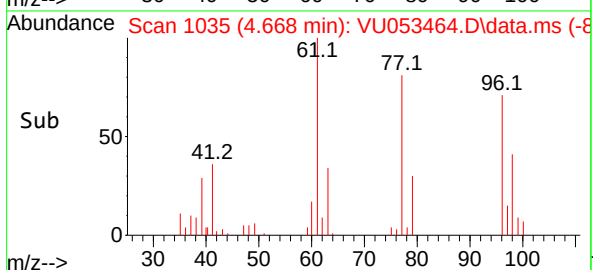
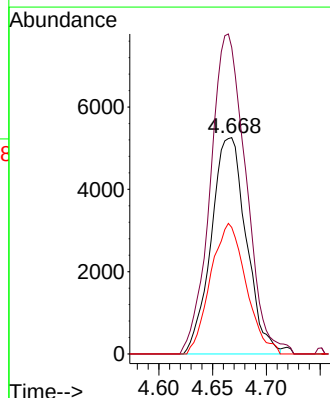
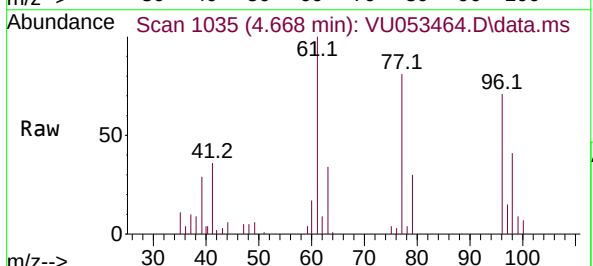
Tgt Ion: 96 Resp: 11917

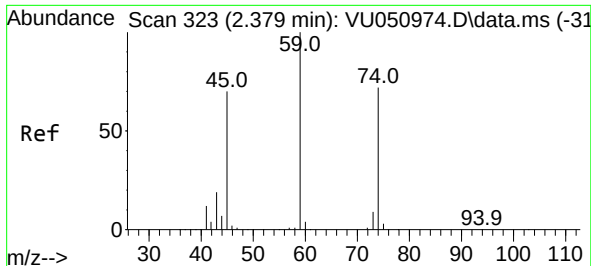
Ion Ratio Lower Upper

96 100

61 150.3 0.0 365.8

98 61.1 32.0 96.0





#23

Diethyl Ether

Concen: 0.928 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 59 Resp: 843

Ion Ratio Lower Upper

59 100

45 66.5 56.1 84.1

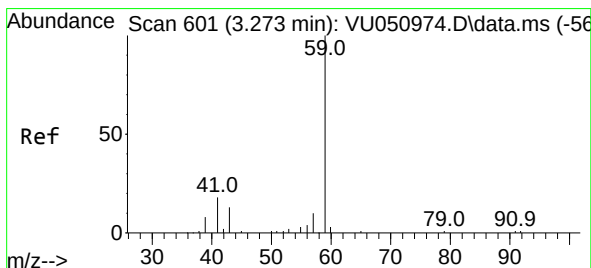
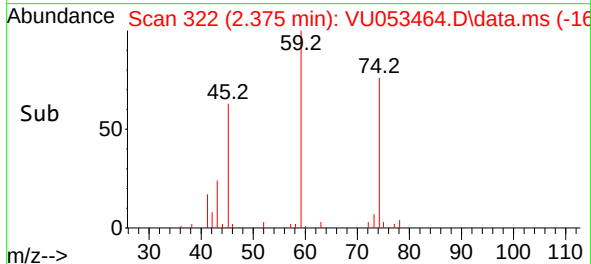
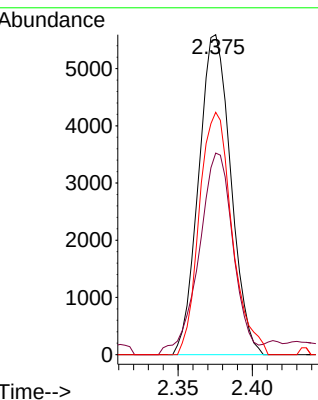
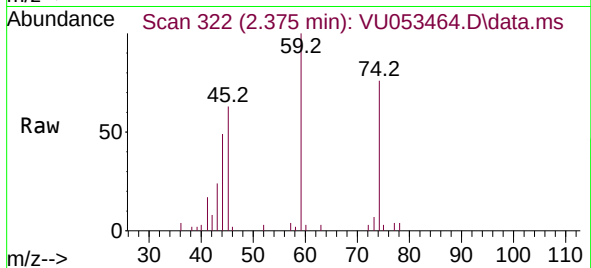
74 76.9 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#24

tert-Butyl Alcohol

Concen: 9.902 ug/l m

RT: 3.227 min Scan# 587

Delta R.T. -0.046 min

Lab File: VU053464.D

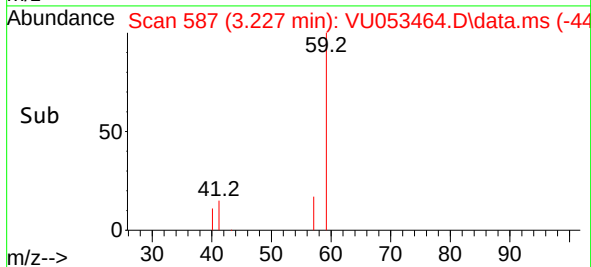
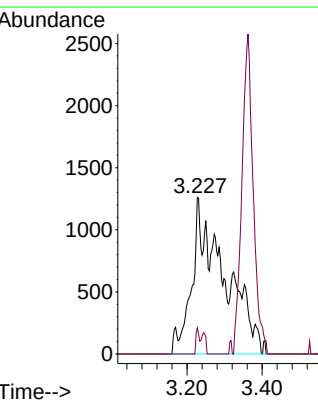
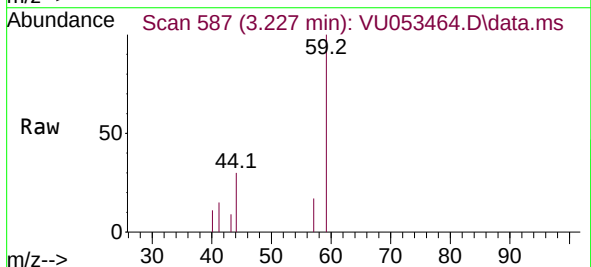
Acq: 29 Mar 2023 14:26

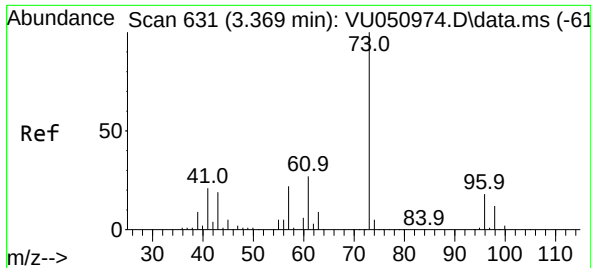
Tgt Ion: 59 Resp: 7555

Ion Ratio Lower Upper

59 100

57 0.0 105.6 158.4#





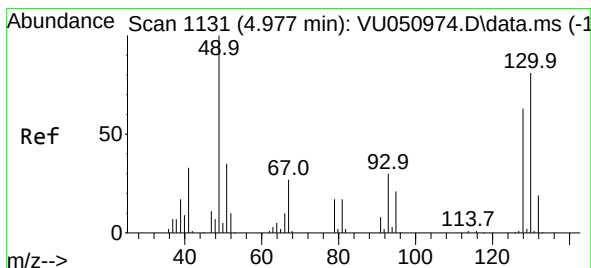
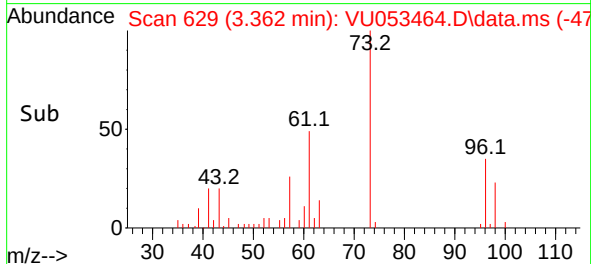
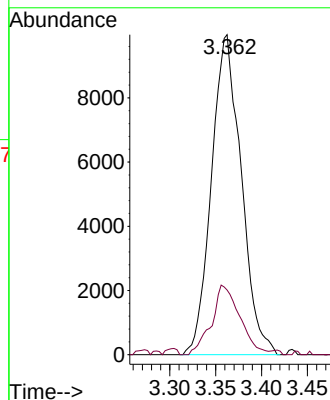
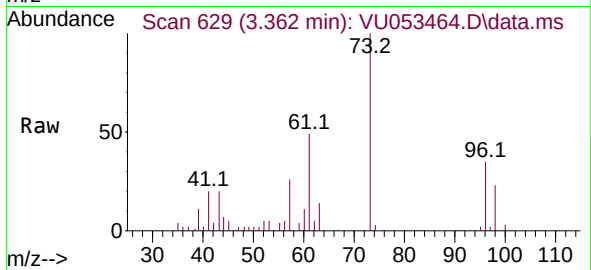
#25
Methyl tert-Butyl Ether
Concen: 0.888 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 2253
Ion Ratio Lower Upper
73 100
43 20.6 15.0 22.6

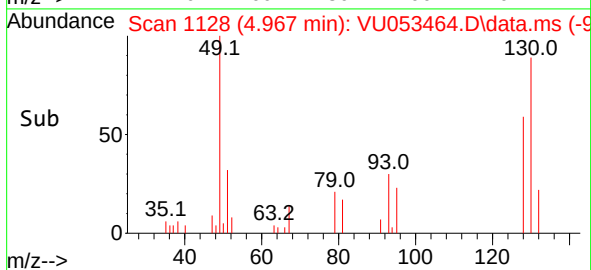
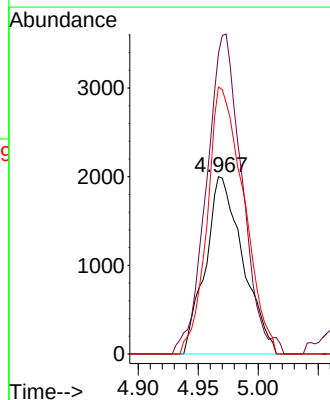
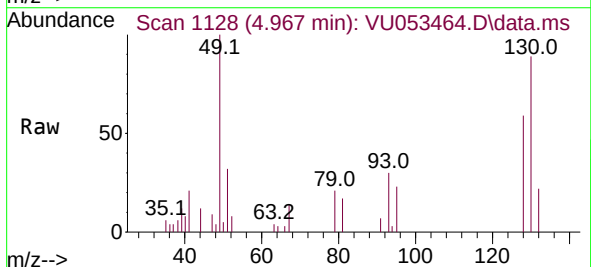
Manual Integrations
APPROVED

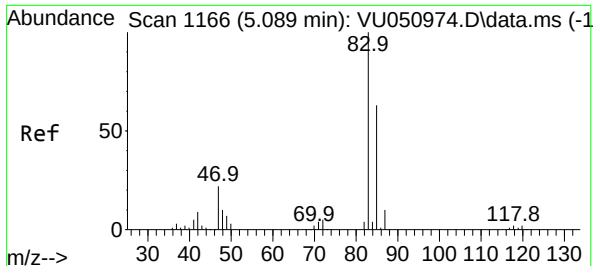
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#26
Bromochloromethane
Concen: 0.837 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.010 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion:128 Resp: 4338
Ion Ratio Lower Upper
128 100
49 171.0 0.0 324.6
130 147.1 103.0 154.4





#27

Chloroform

Concen: 0.885 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 1984

Ion Ratio Lower Upper

83 100

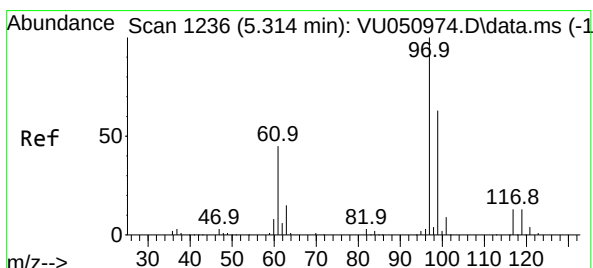
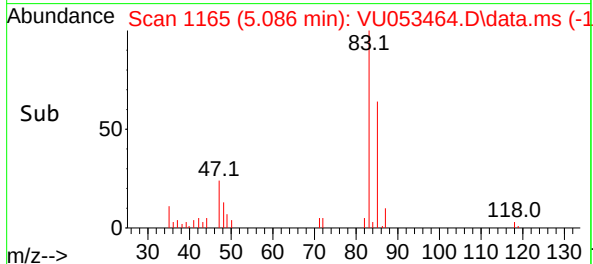
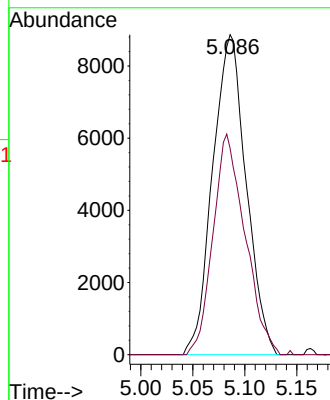
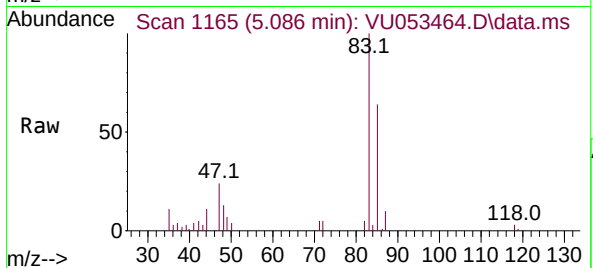
85 64.4 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#28

1,1,1-Trichloroethane

Concen: 0.930 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. -0.007 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

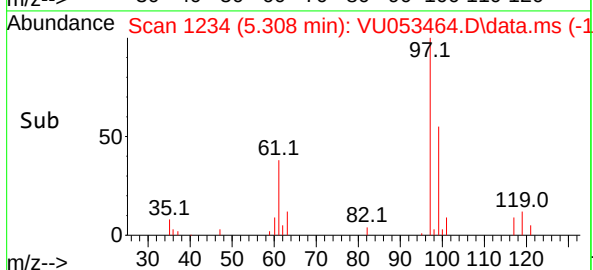
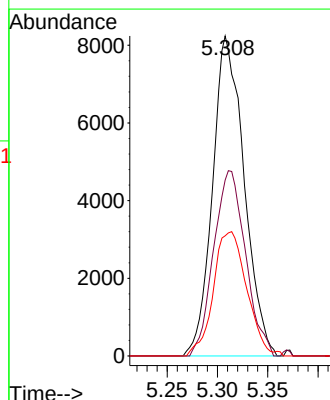
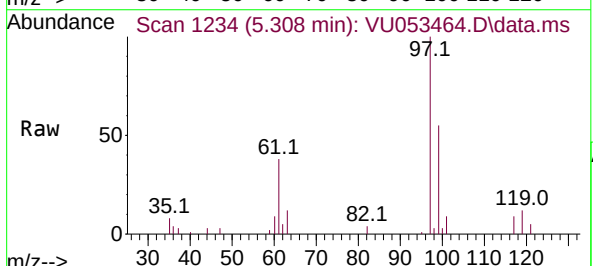
Tgt Ion: 97 Resp: 17983

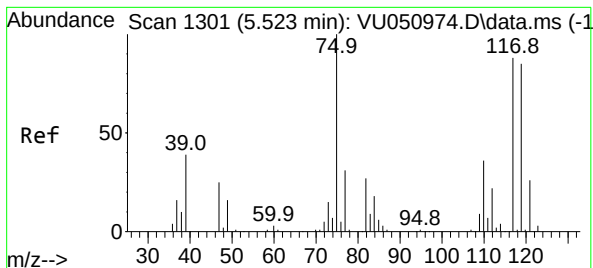
Ion Ratio Lower Upper

97 100

99 58.4 32.0 96.2

61 41.2 22.9 68.5





#29

1,1-Dichloropropene

Concen: 0.873 ug/l

RT: 5.526 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 14608

Ion Ratio Lower Upper

75 100

110 37.9 18.0 54.0

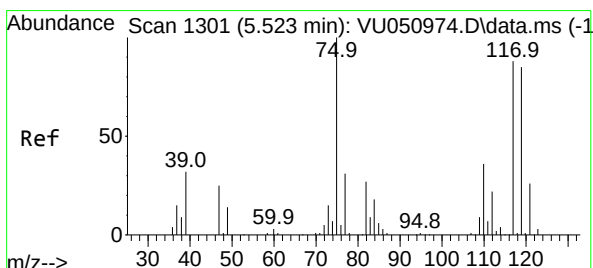
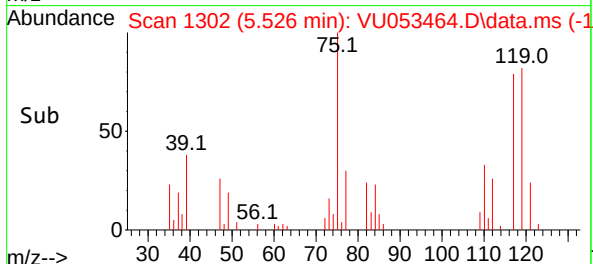
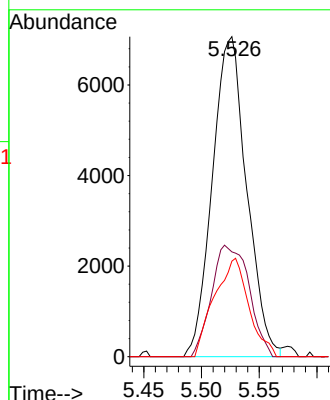
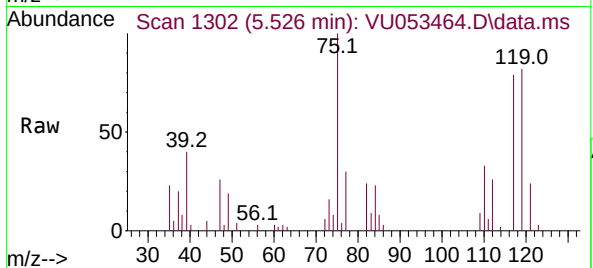
77 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#30

Carbon Tetrachloride

Concen: 0.880 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.007 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

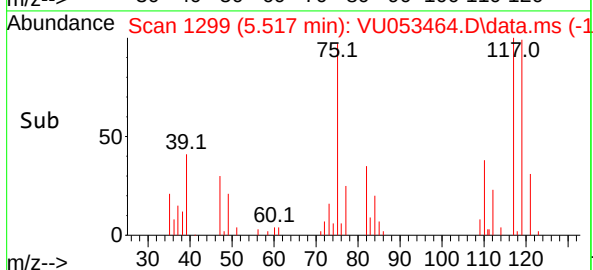
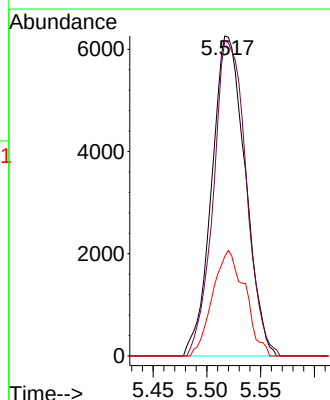
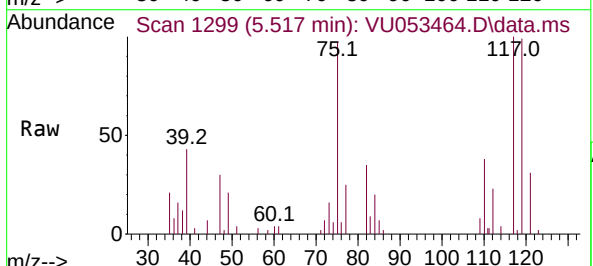
Tgt Ion:117 Resp: 13543

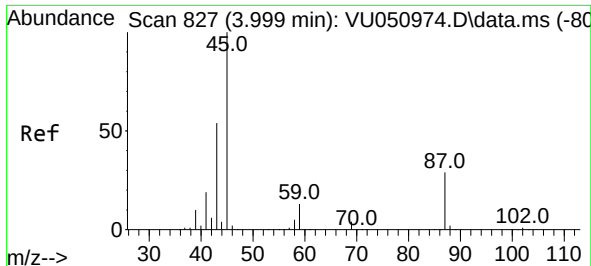
Ion Ratio Lower Upper

117 100

119 98.5 77.4 116.0

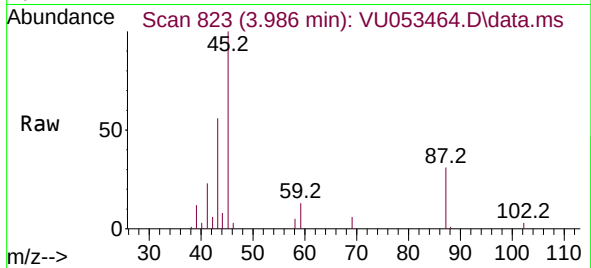
121 31.2 24.0 36.0





#31
Isopropyl Ether
Concen: 0.858 ug/l
RT: 3.986 min Scan# 81
Delta R.T. -0.013 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

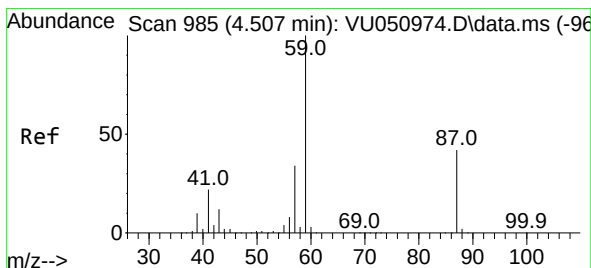
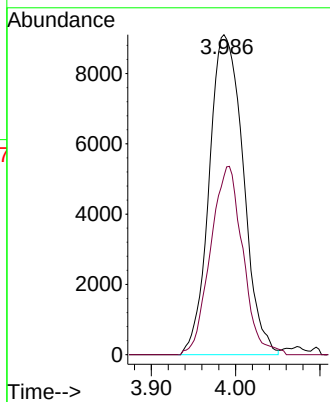
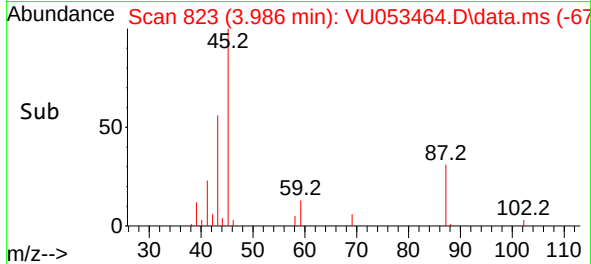
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 45 Resp: 25508
Ion Ratio Lower Upper
45 100
43 56.0 27.5 82.5

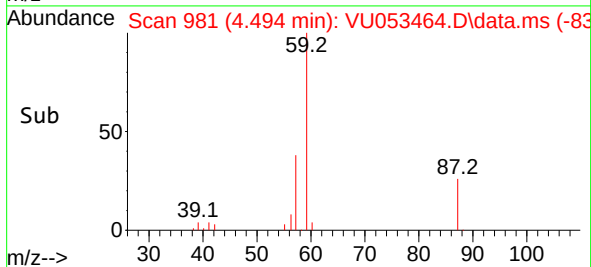
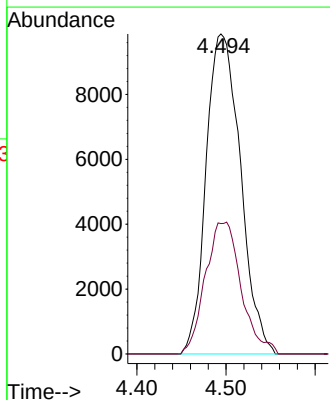
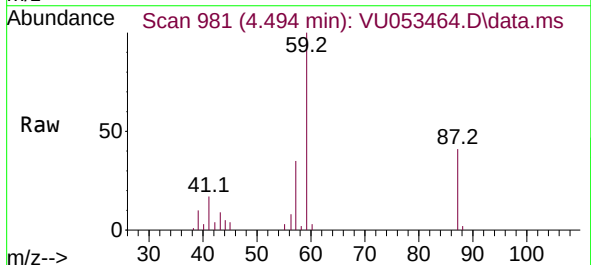
Manual Integrations
APPROVED

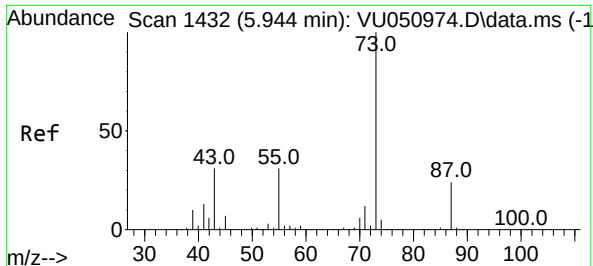
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#32
Ethyl-t-butyl ether
Concen: 0.867 ug/l
RT: 4.494 min Scan# 981
Delta R.T. -0.013 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

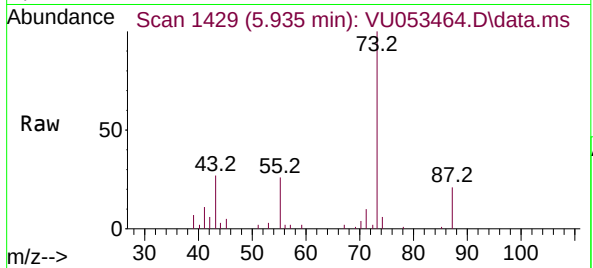
Tgt Ion: 59 Resp: 26449
Ion Ratio Lower Upper
59 100
87 42.9 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.891 ug/l
RT: 5.935 min Scan# 1432
Delta R.T. -0.010 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

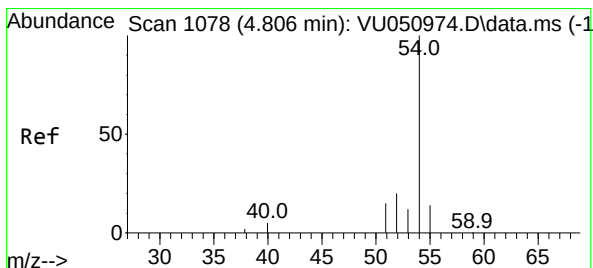
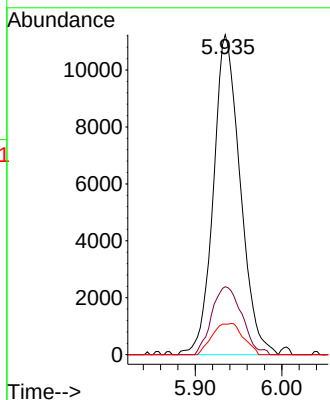
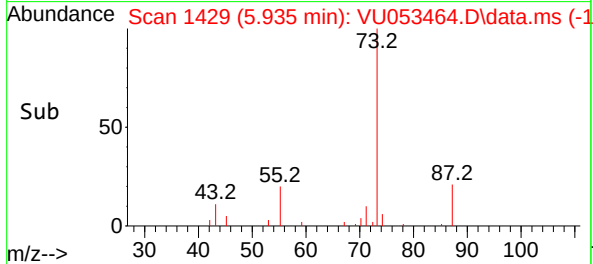
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 73 Resp: 24174
Ion Ratio Lower Upper
73 100
87 23.9 18.6 28.0
71 11.3 9.9 14.9

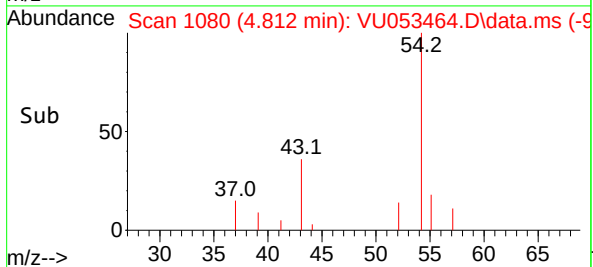
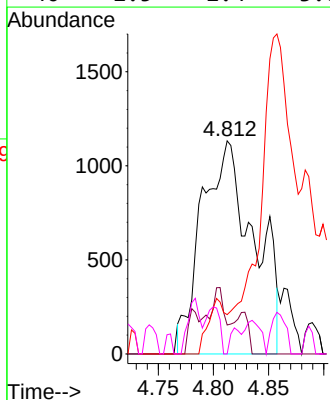
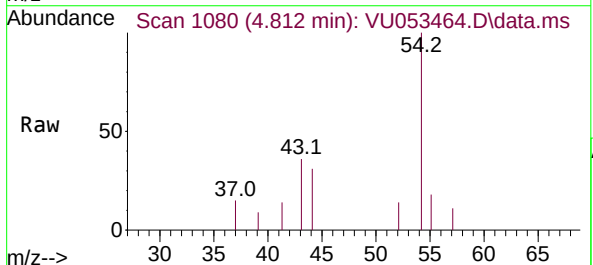
Manual Integrations
APPROVED

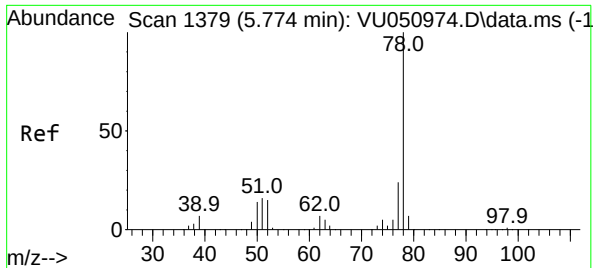
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#34
Propionitrile
Concen: 5.367 ug/l m
RT: 4.812 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion: 54 Resp: 3679
Ion Ratio Lower Upper
54 100
52 0.0 17.4 26.0#
55 0.0 104.1 156.1#
40 2.5 2.4 3.6





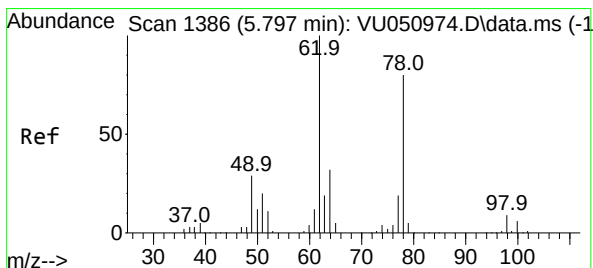
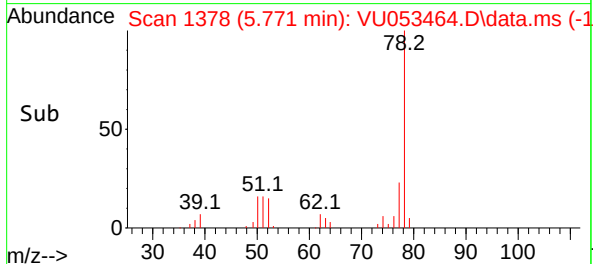
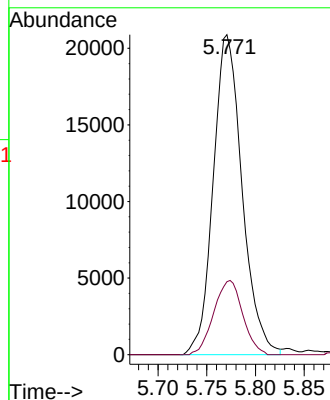
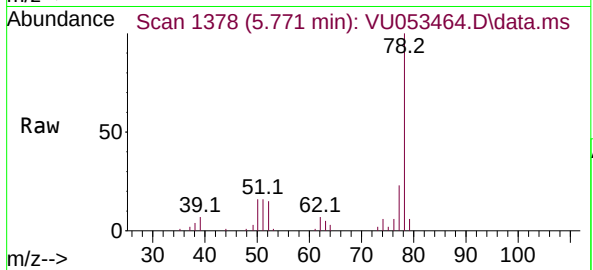
#35
Benzene
Concen: 0.880 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 4304
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3

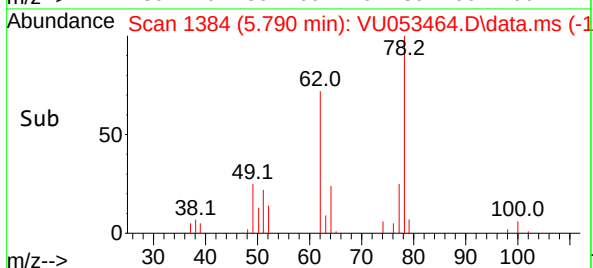
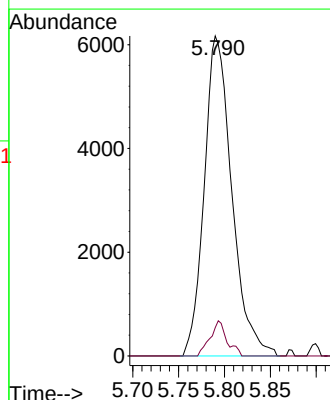
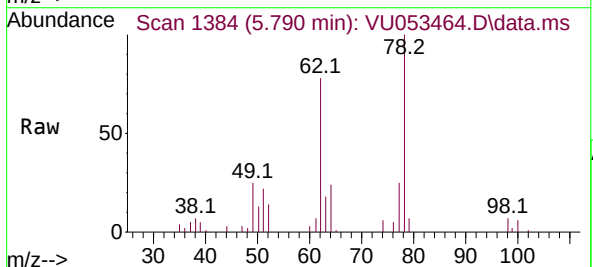
Manual Integrations
APPROVED

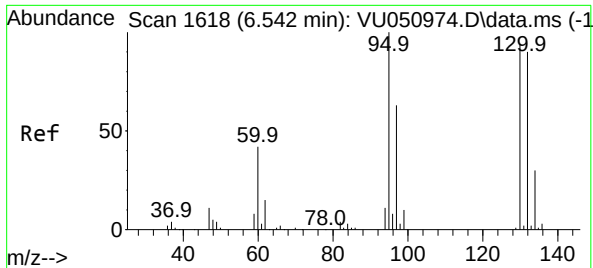
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#36
1,2-Dichloroethane
Concen: 0.918 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.007 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion: 62 Resp: 12902
Ion Ratio Lower Upper
62 100
98 6.7 7.3 10.9#





#37
Trichloroethene
Concen: 0.894 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

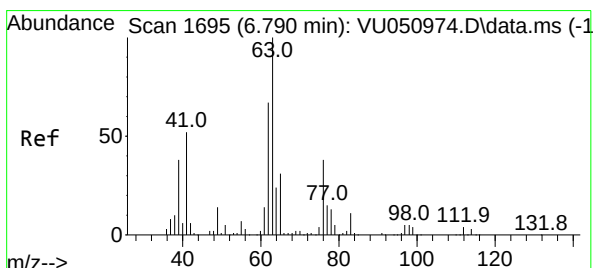
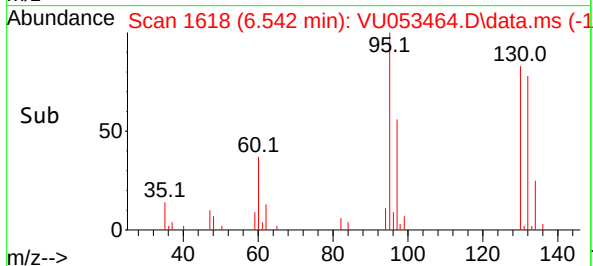
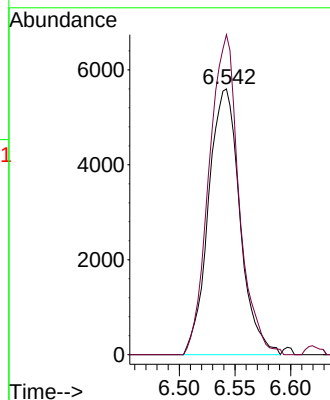
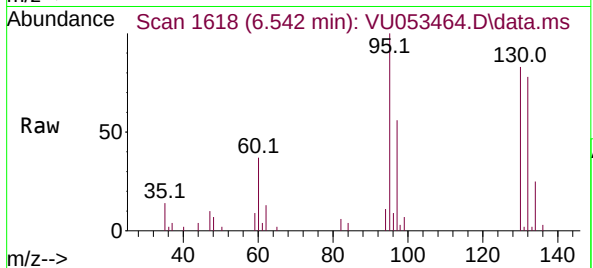
Tgt Ion:130 Resp: 1100
Ion Ratio Lower Upper
130 100
95 120.4 85.0 127.6

Manual Integrations

APPROVED

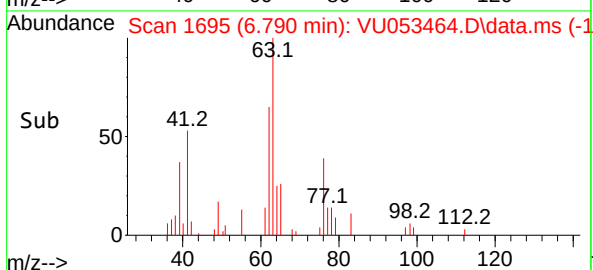
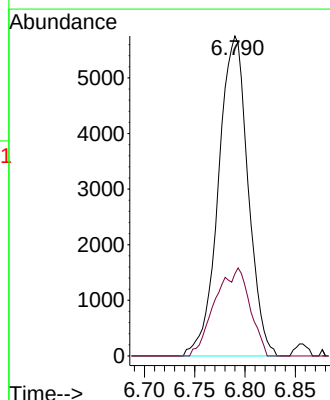
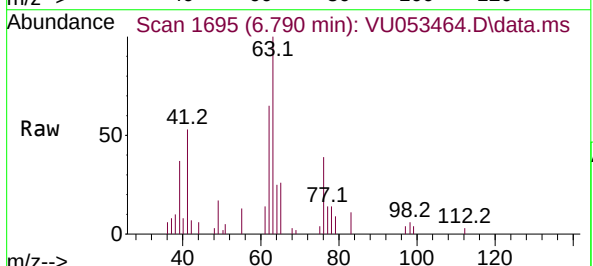
Reviewed By :Krupa Patel 04/07/2023

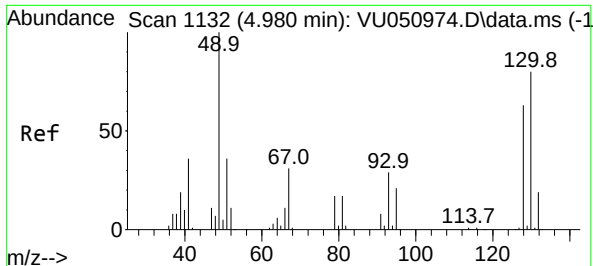
Supervised By :Mahesh Dadoda 04/07/2023



#38
1,2-Dichloropropane
Concen: 0.939 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion: 63 Resp: 11778
Ion Ratio Lower Upper
63 100
65 25.7 24.9 37.3





#39

Methacrylonitrile

Concen: 0.959 ug/l

RT: 4.976 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

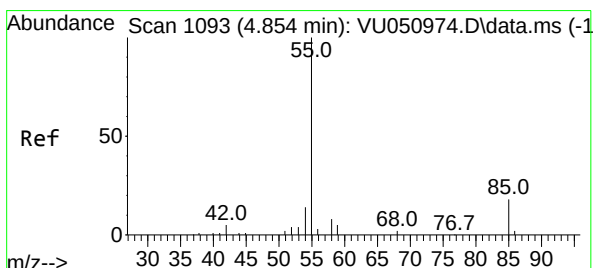
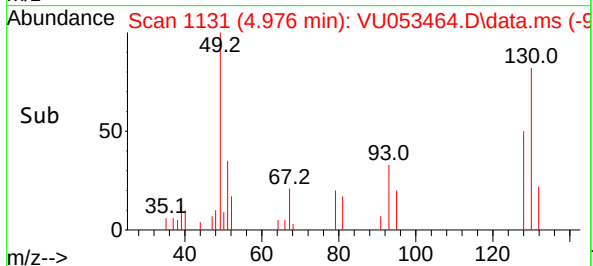
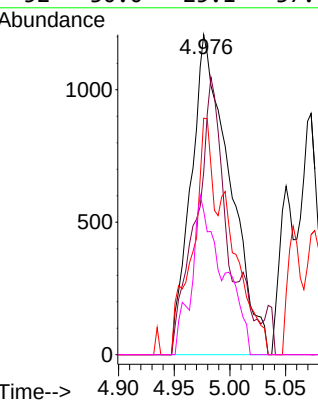
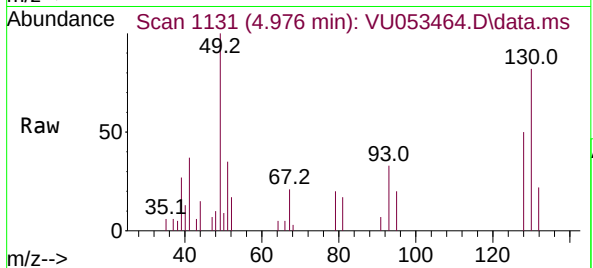
Tgt Ion: 41	Resp: 2929
Ion Ratio	Lower Upper
41 100	
67 62.1	66.8 100.2
39 42.1	41.2 61.8
52 30.0	25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

Methyl acrylate

Concen: 0.952 ug/l m

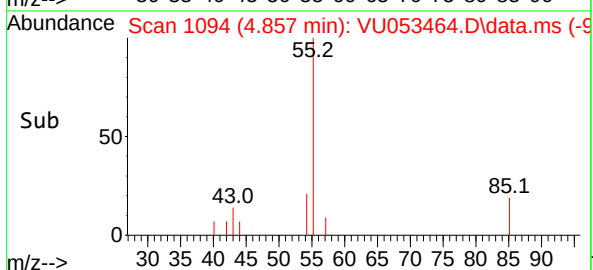
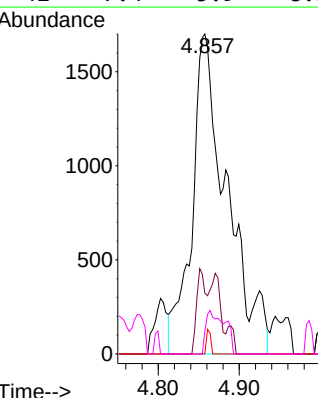
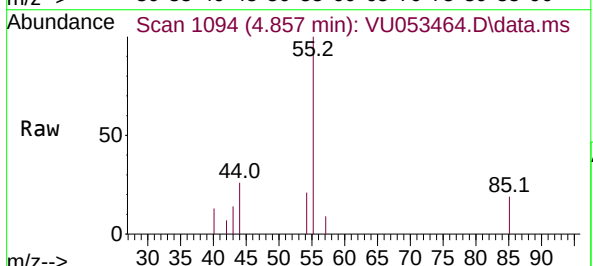
RT: 4.857 min Scan# 1094

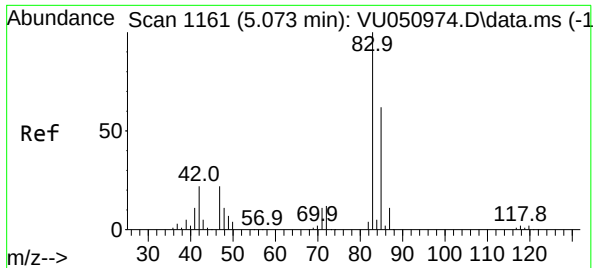
Delta R.T. 0.003 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Tgt	Ion: 55	Resp:	5075
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9#
58	0.9	6.5	9.7#
42	7.4	5.9	8.9





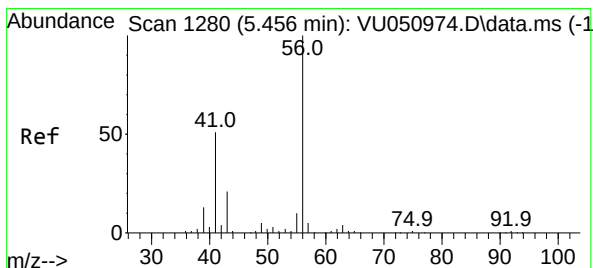
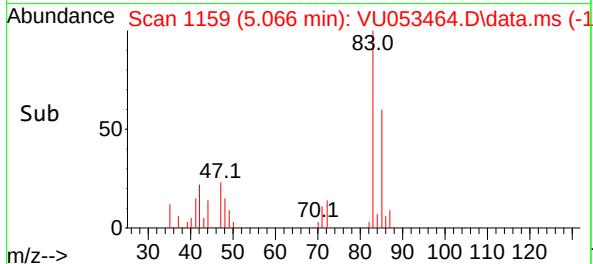
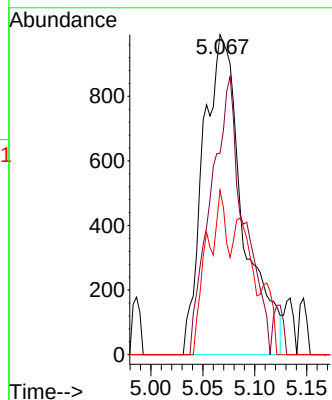
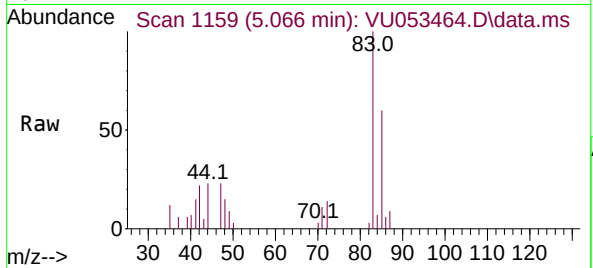
#41
Tetrahydrofuran
Concen: 1.647 ug/l
RT: 5.066 min Scan# 1159
Delta R.T. -0.007 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 42 Resp: 262
Ion Ratio Lower Upper
42 100
72 0.0 40.9 61.3
71 11.8 36.9 55.3

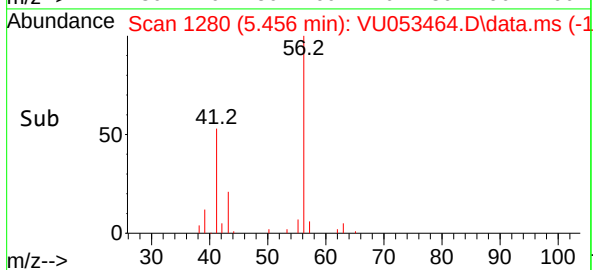
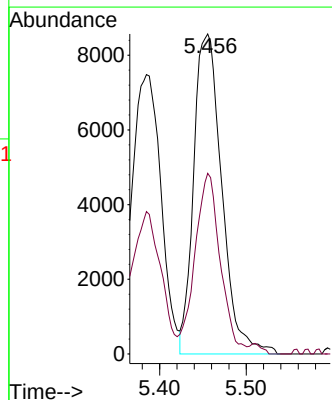
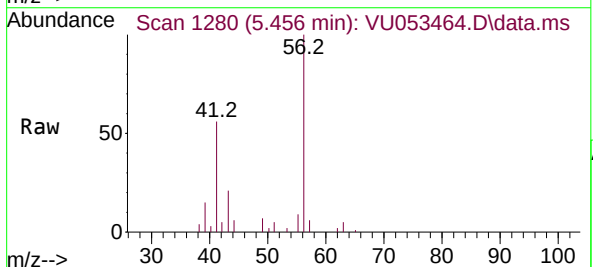
Manual Integrations
APPROVED

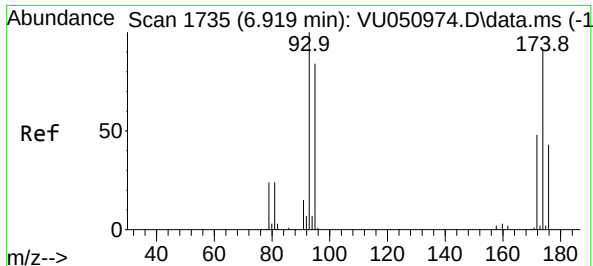
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#42
1-Chlorobutane
Concen: 0.869 ug/l
RT: 5.456 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion: 56 Resp: 19340
Ion Ratio Lower Upper
56 100
41 51.2 25.2 75.6





#43

Dibromomethane

Concen: 0.889 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. -0.007 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

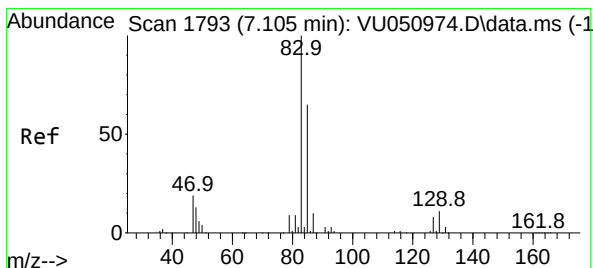
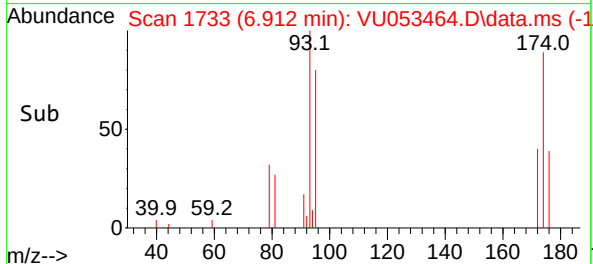
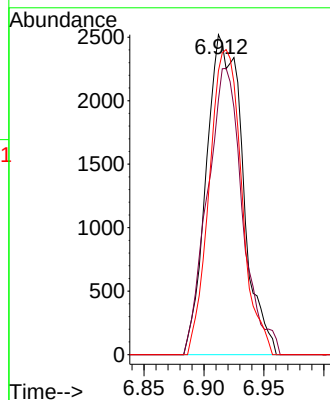
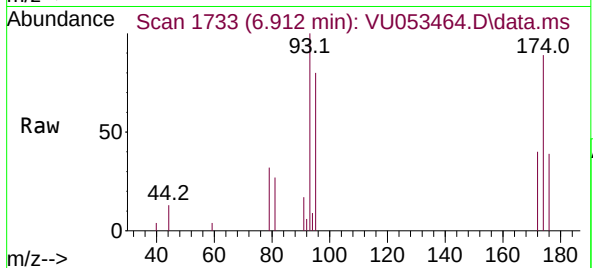
Tgt Ion:	93	Resp:	531
Ion	Ratio	Lower	Upper
93	100		
95	86.5	67.0	100.6
174	85.0	73.8	110.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#44

Bromodichloromethane

Concen: 0.884 ug/l

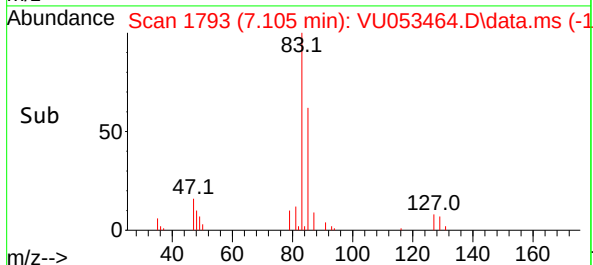
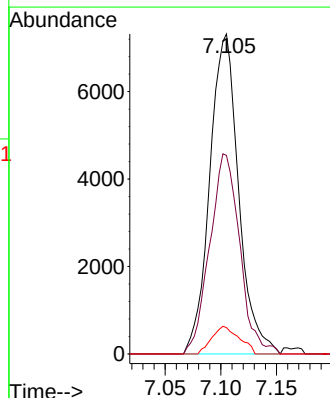
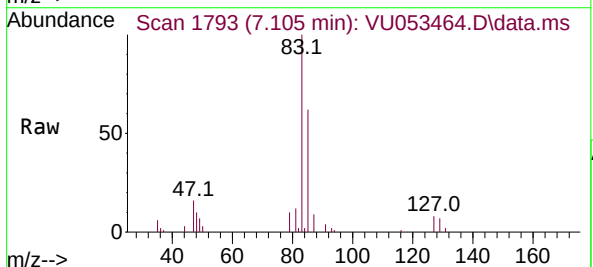
RT: 7.105 min Scan# 1793

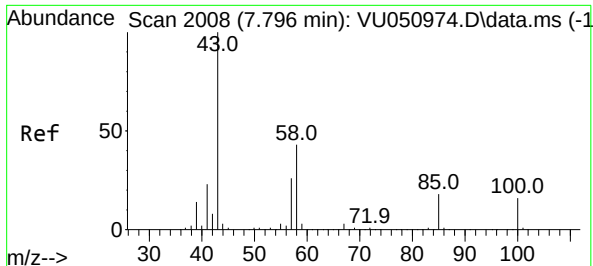
Delta R.T. -0.000 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Tgt Ion:	83	Resp:	13209
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.9	77.9
127	8.2	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 4.617 ug/l

RT: 7.790 min Scan# 2008

Delta R.T. -0.007 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

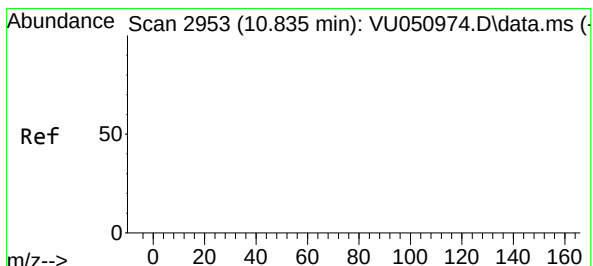
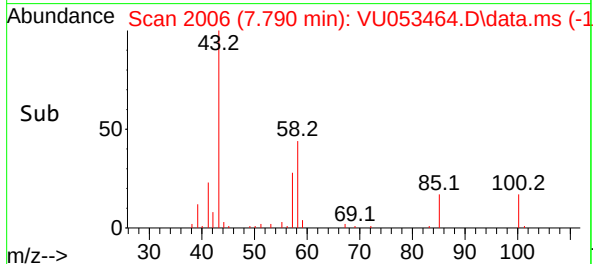
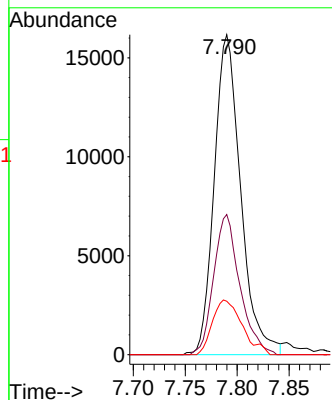
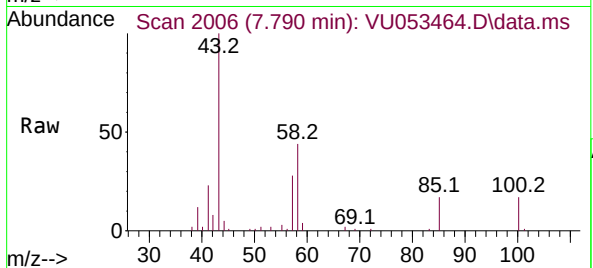
Tgt Ion:	43	Resp:	28604
Ion	Ratio	Lower	Upper
43	100		
58	43.3	20.9	62.8
85	19.2	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#46

t-1,4-Dichloro-2-butene

Concen: 1.564 ug/l m

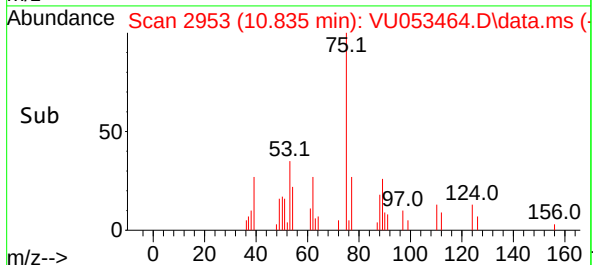
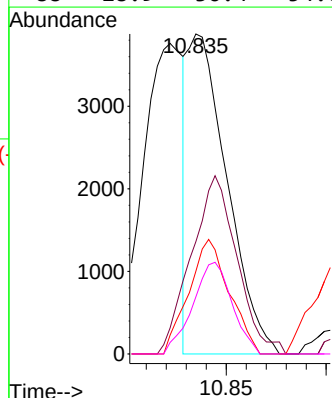
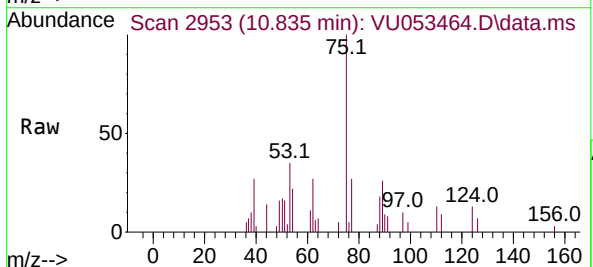
RT: 10.835 min Scan# 2953

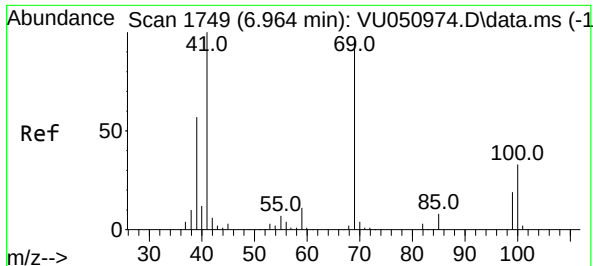
Delta R.T. -0.000 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Tgt Ion:	75	Resp:	5261
Ion	Ratio	Lower	Upper
75	100		
53	65.1	73.3	109.9#
89	37.2	48.2	72.4#
88	28.9	36.4	54.6#





#47

Methyl methacrylate

Concen: 1.762 ug/l

RT: 6.960 min Scan# 1748

Delta R.T. -0.004 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

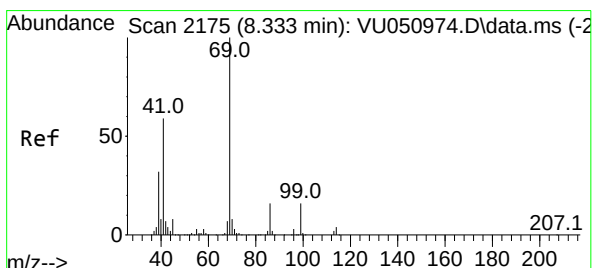
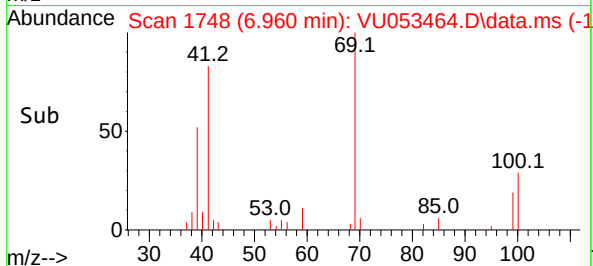
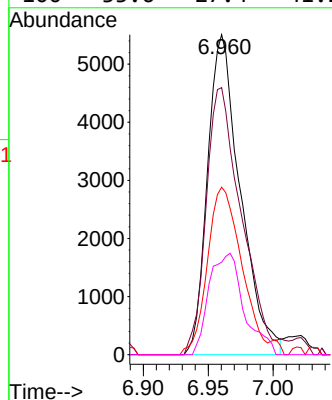
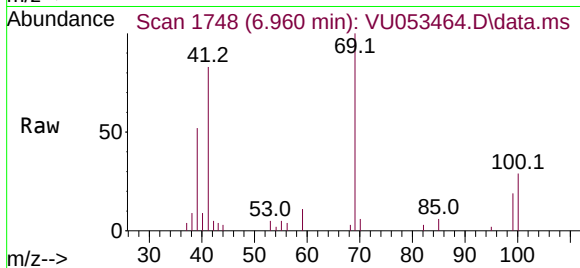
Tgt Ion:	69	Resp:	9678
Ion	Ratio	Lower	Upper
69	100		
41	89.1	0.0	209.2
39	54.3	46.7	70.1
100	33.6	27.4	41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#48

Ethyl methacrylate

Concen: 0.899 ug/l

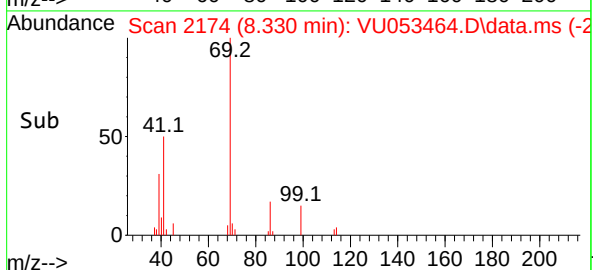
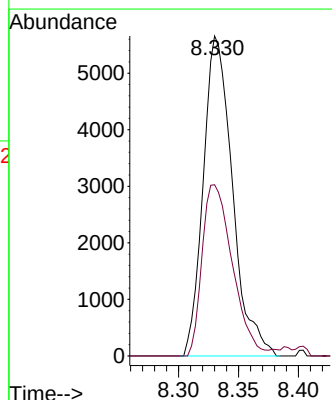
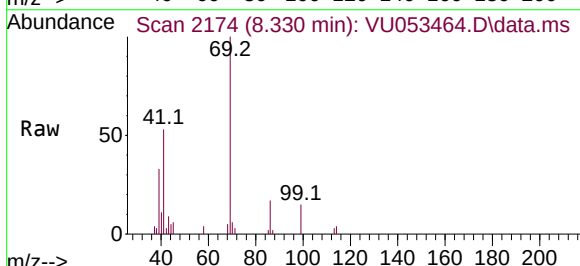
RT: 8.330 min Scan# 2174

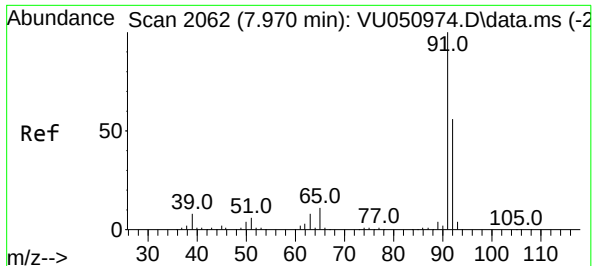
Delta R.T. -0.003 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Tgt Ion:	69	Resp:	9578
Ion	Ratio	Lower	Upper
69	100		
41	55.6	30.3	90.8





#49

Toluene

Concen: 0.860 ug/l

RT: 7.963 min Scan# 2062

Delta R.T. -0.007 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 2579

Ion Ratio Lower Upper

92 100

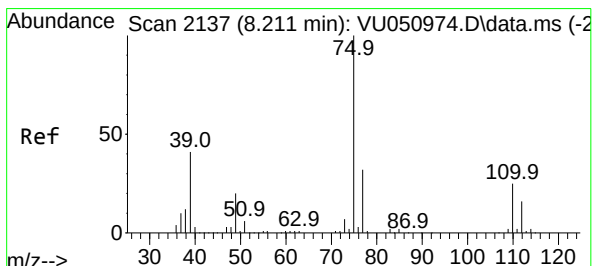
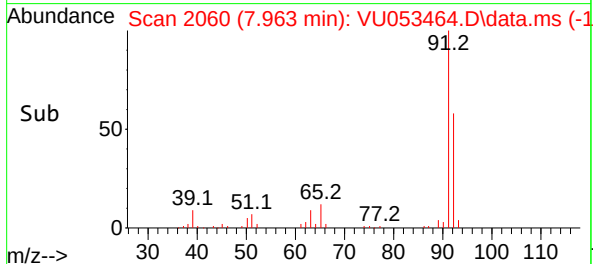
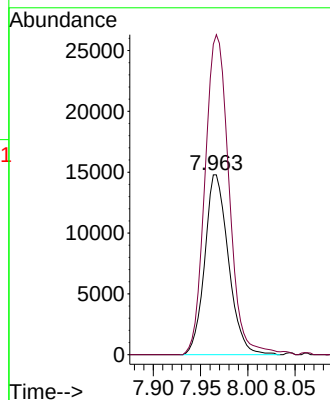
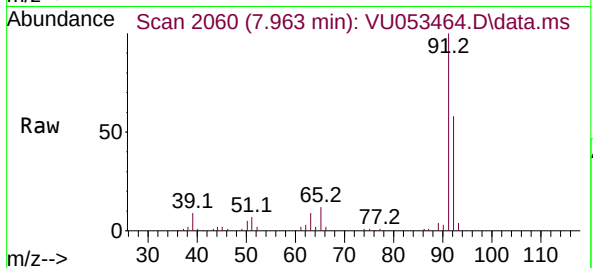
91 180.6 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#50

t-1,3-Dichloropropene

Concen: 0.816 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU053464.D

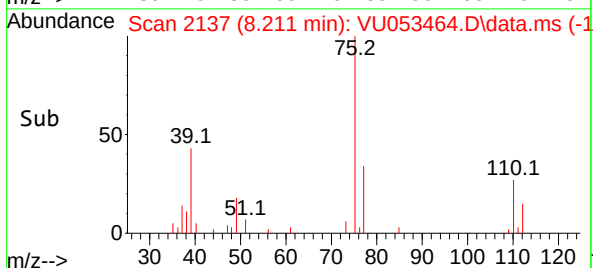
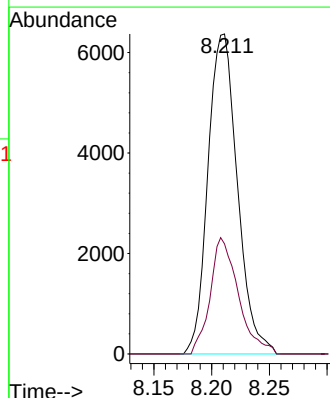
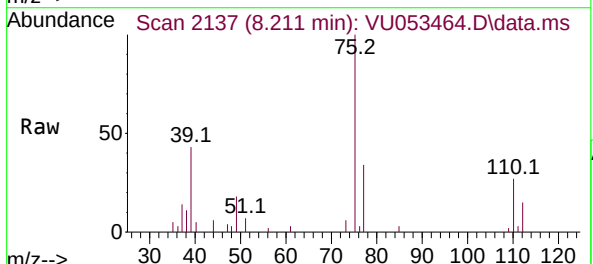
Acq: 29 Mar 2023 14:26

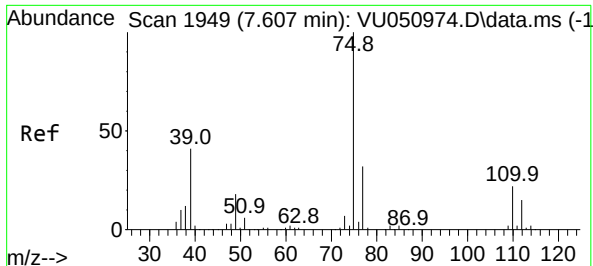
Tgt Ion: 75 Resp: 11293

Ion Ratio Lower Upper

75 100

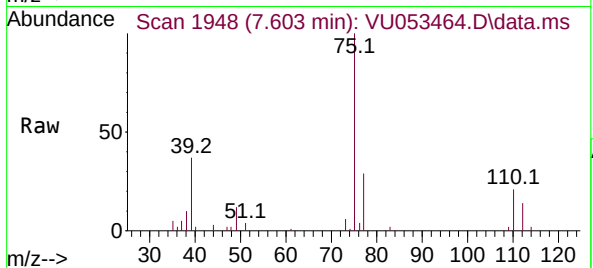
77 34.4 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.849 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. -0.003 min
 Lab File: VU053464.D
 Acq: 29 Mar 2023 14:26

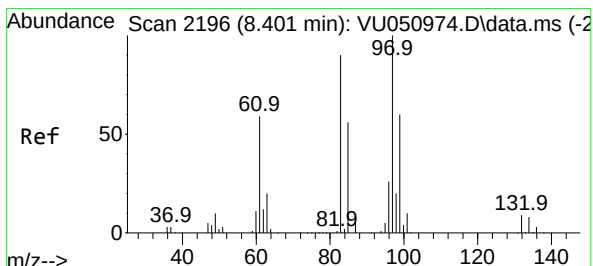
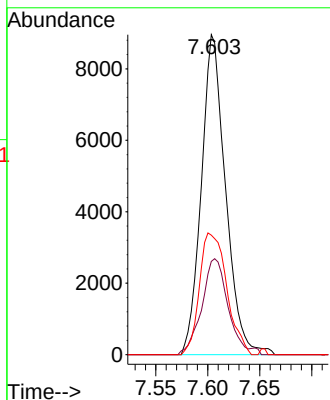
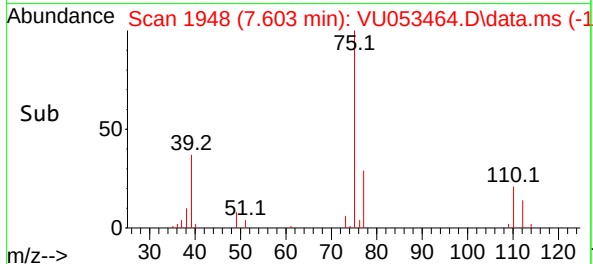
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 1455
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.7 38.5
 39 37.3 32.8 49.2

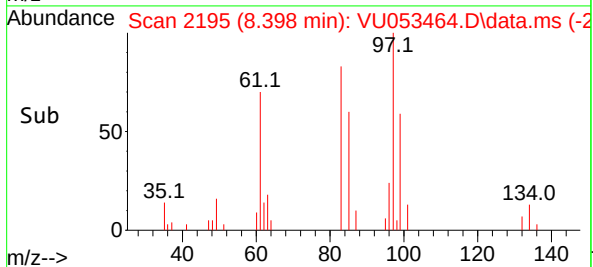
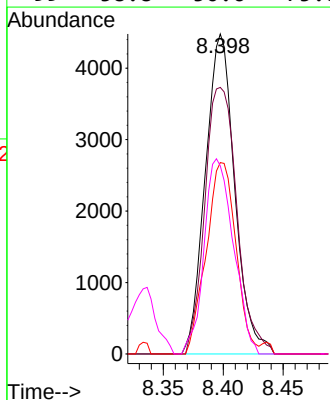
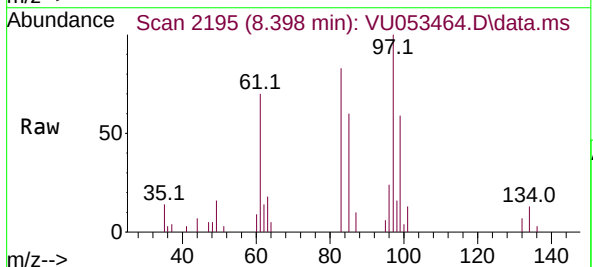
Manual Integrations
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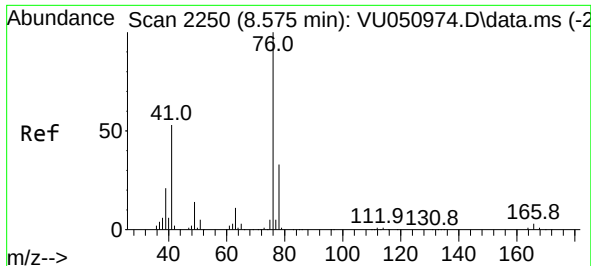
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#52
 1,1,2-Trichloroethane
 Concen: 0.882 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.003 min
 Lab File: VU053464.D
 Acq: 29 Mar 2023 14:26

Tgt Ion: 97 Resp: 7636
 Ion Ratio Lower Upper
 97 100
 83 83.3 71.8 107.8
 85 59.8 45.2 67.8
 99 58.8 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.847 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 12650

Ion Ratio Lower Upper

76 100

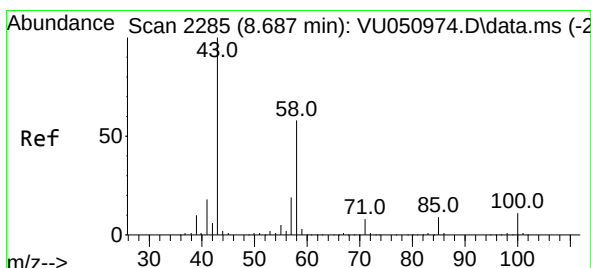
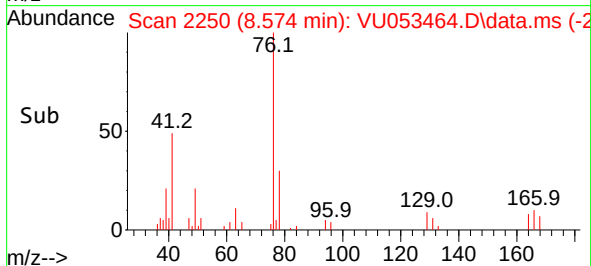
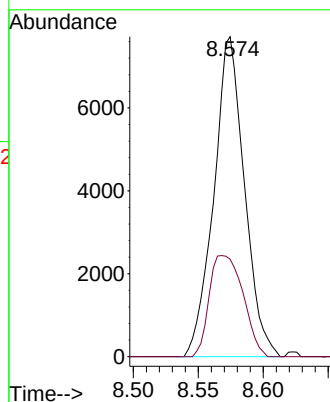
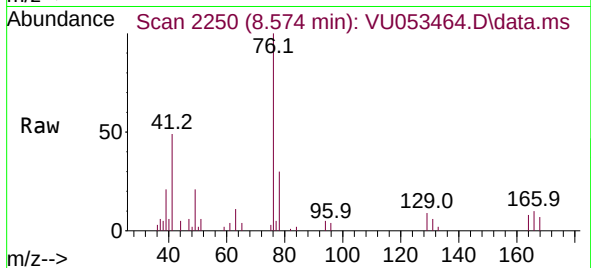
78 34.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#54

2-Hexanone

Concen: 4.577 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.003 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

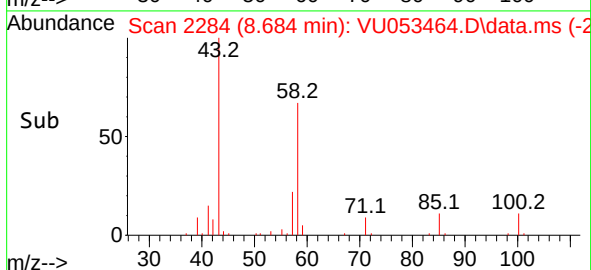
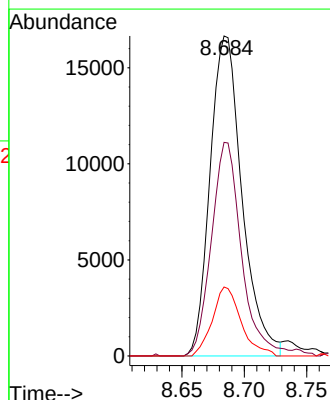
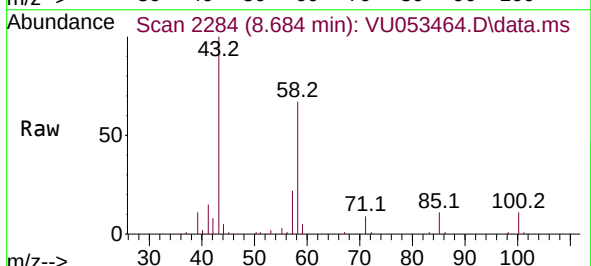
Tgt Ion: 43 Resp: 29754

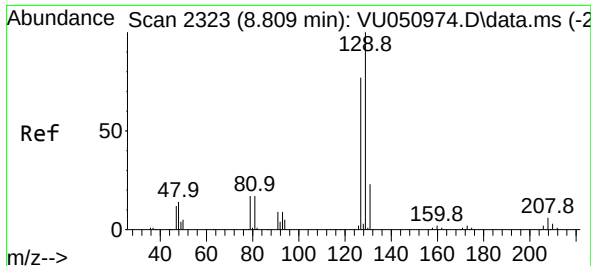
Ion Ratio Lower Upper

43 100

58 62.8 38.2 78.2

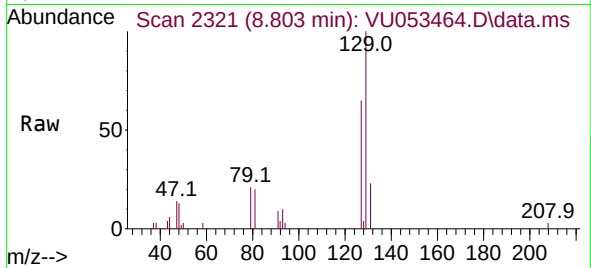
57 19.4 0.0 39.1





#55
Dibromochloromethane
Concen: 0.803 ug/l
RT: 8.803 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

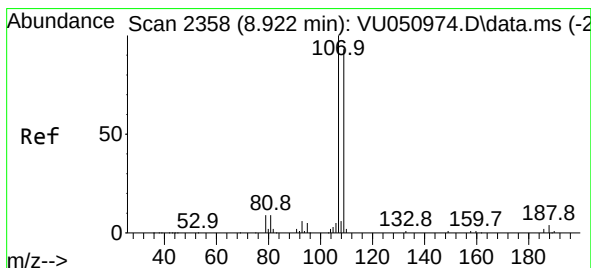
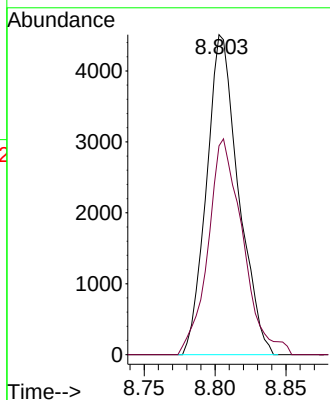
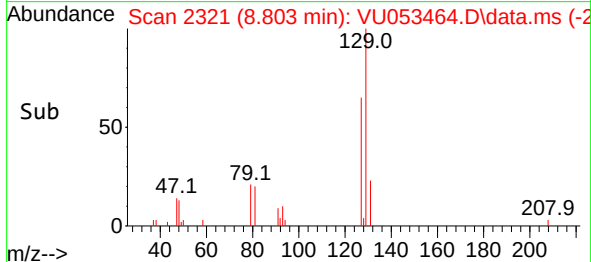
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:129 Resp: 708
Ion Ratio Lower Upper
129 100
127 73.3 61.4 92.0

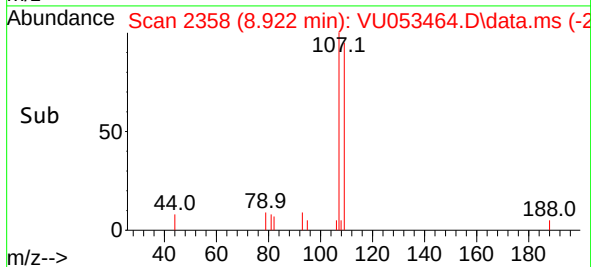
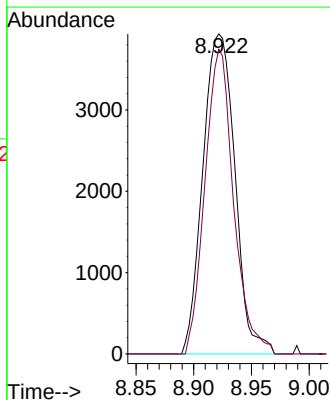
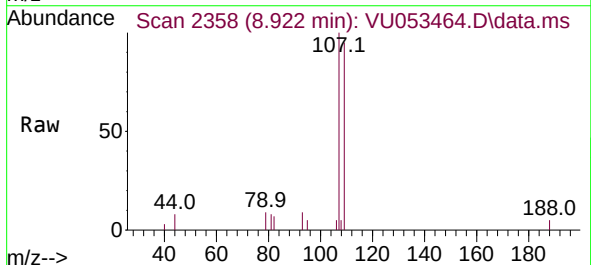
Manual Integrations
APPROVED

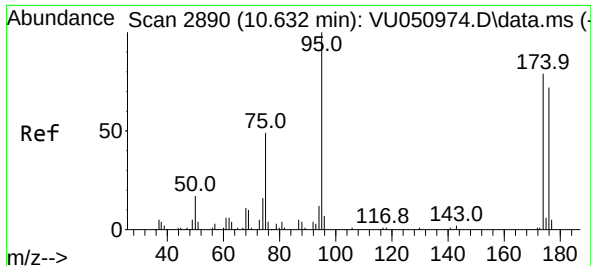
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#56
1,2-Dibromoethane
Concen: 0.953 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

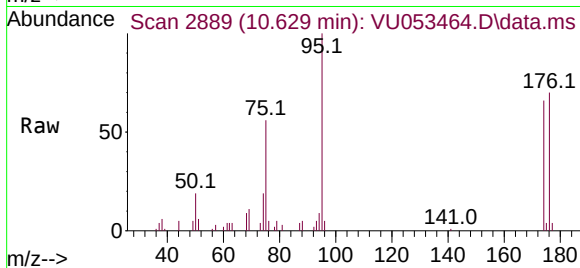
Tgt Ion:107 Resp: 7607
Ion Ratio Lower Upper
107 100
109 85.0 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.907 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

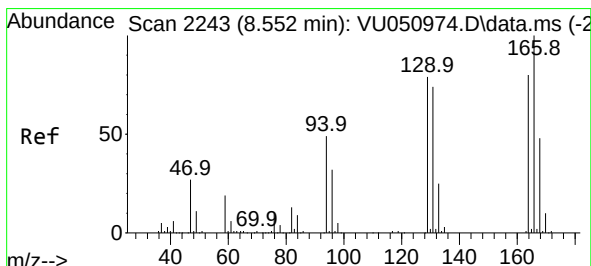
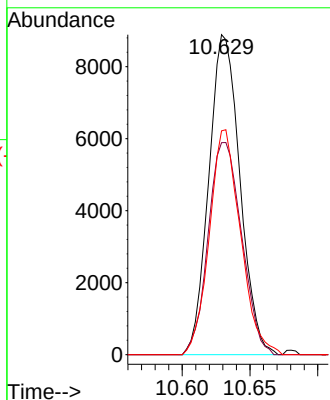
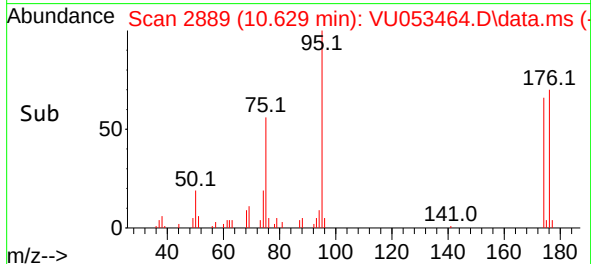
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



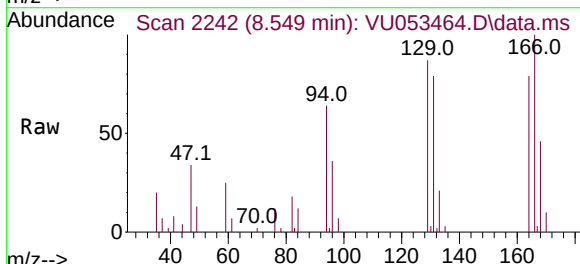
Tgt Ion: 95 Resp: 14200
Ion Ratio Lower Upper
95 100
174 71.2 63.3 94.9
176 70.3 59.3 88.9

Manual Integrations
APPROVED

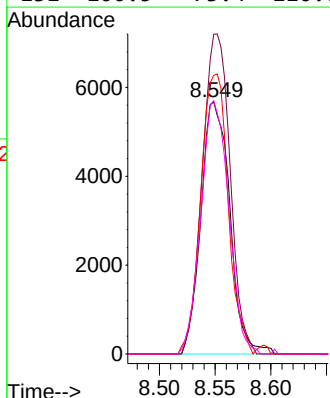
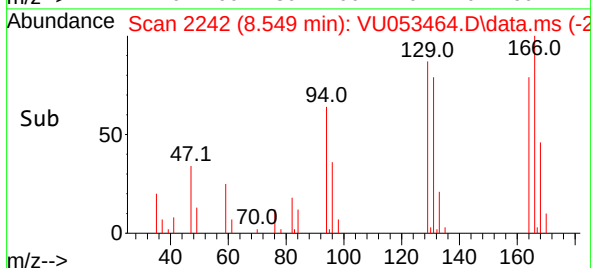
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

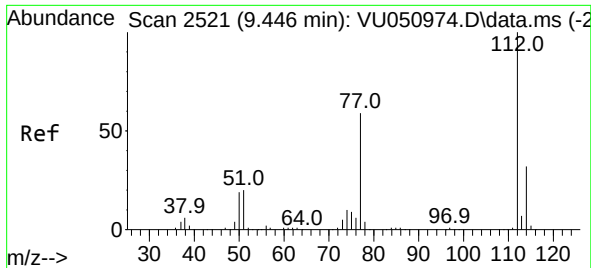


#58
Tetrachloroethene
Concen: 0.888 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26



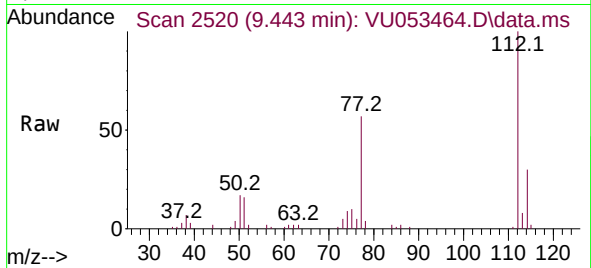
Tgt Ion:164 Resp: 10220
Ion Ratio Lower Upper
164 100
166 126.9 99.6 149.4
129 110.6 78.6 117.8
131 100.5 73.4 110.0





#59
Chlorobenzene
Concen: 0.900 ug/l
RT: 9.443 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

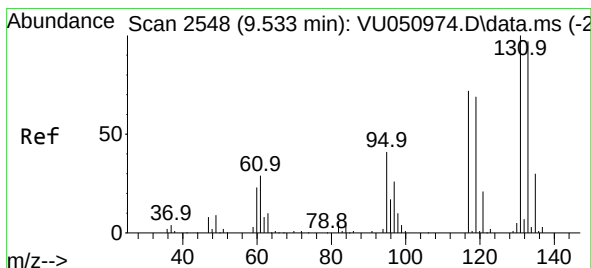
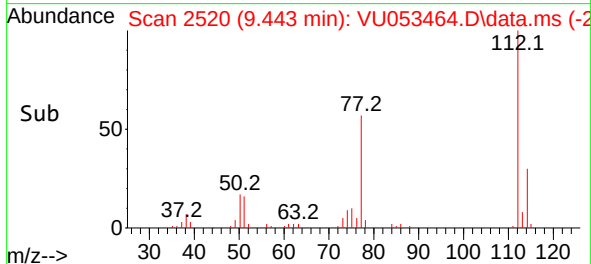
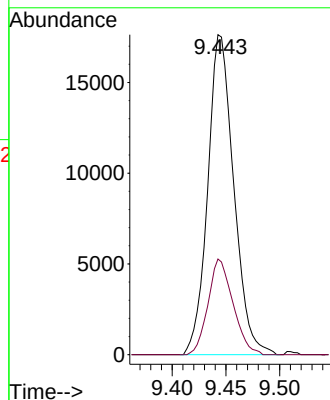
Instrument : MSVOA_U
ClientSampleId : VSTDIC001



Tgt Ion:112 Resp: 2971
Ion Ratio Lower Upper
112 100
114 29.9 25.6 38.4

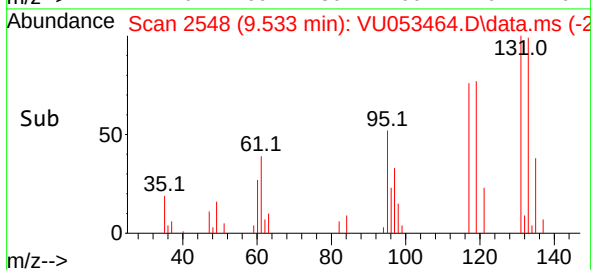
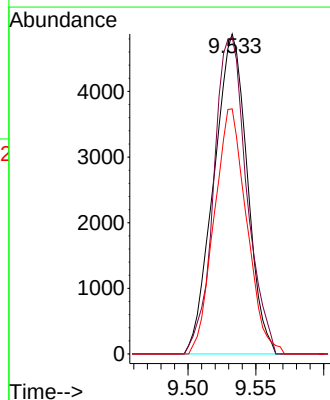
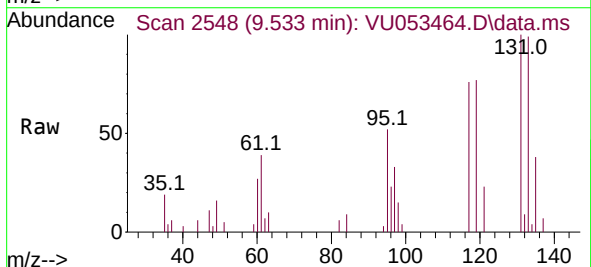
Manual Integrations
APPROVED

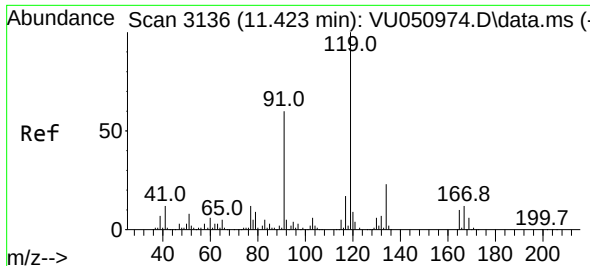
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.831 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion:131 Resp: 8342
Ion Ratio Lower Upper
131 100
133 97.8 77.8 116.6
119 74.4 55.2 82.8





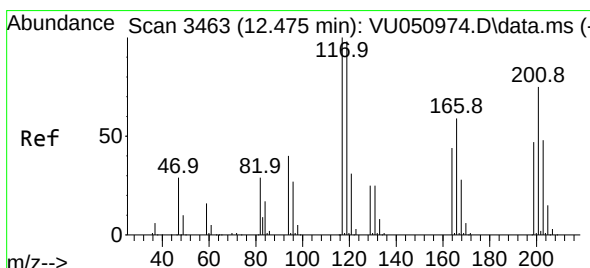
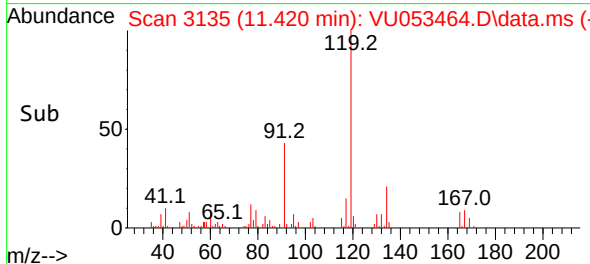
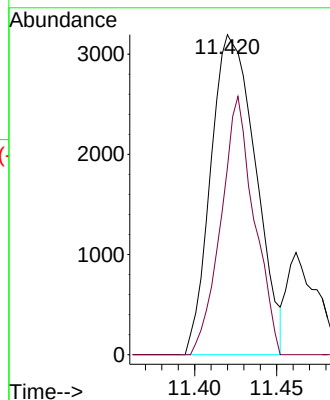
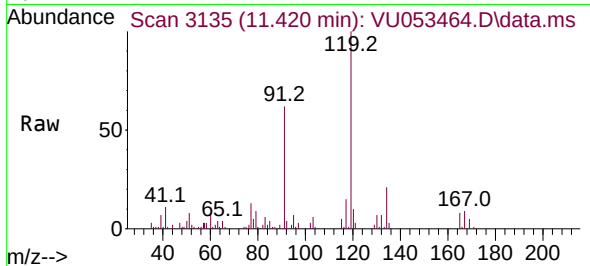
#61
Pentachloroethane
Concen: 0.861 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 607
Ion Ratio Lower Upper
117 100
167 59.8 56.7 85.1

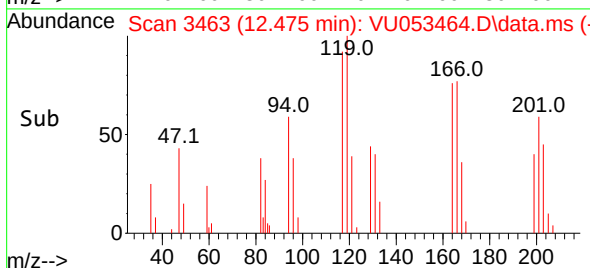
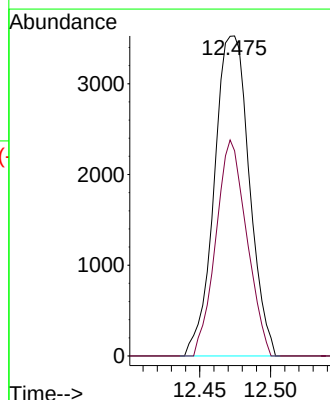
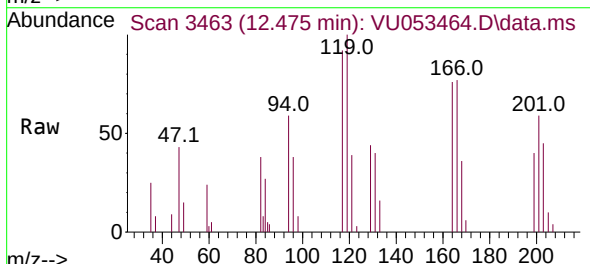
Manual Integrations
APPROVED

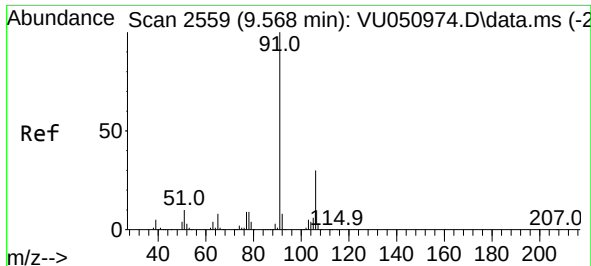
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#62
Hexachloroethane
Concen: 1.008 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion:117 Resp: 6069
Ion Ratio Lower Upper
117 100
201 59.4 59.6 89.4#





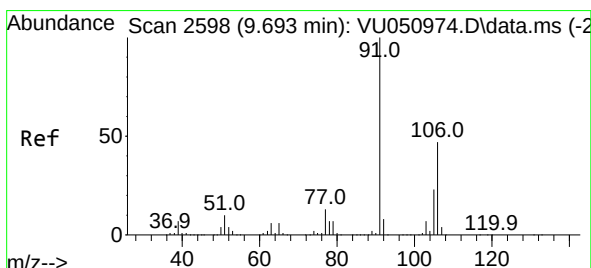
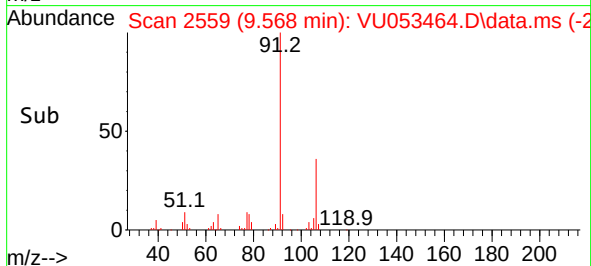
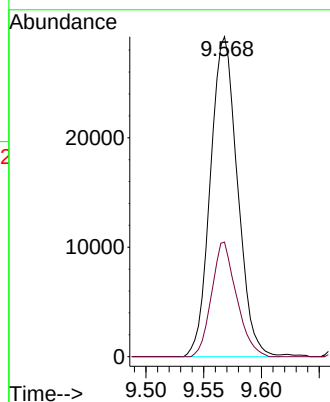
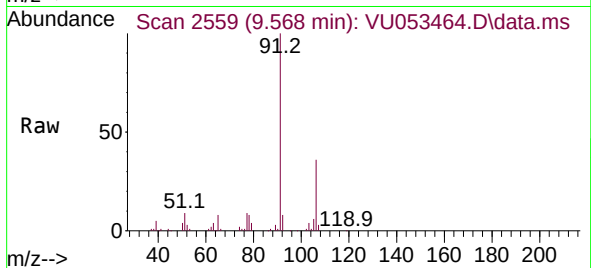
#63
Ethyl Benzene
Concen: 0.823 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 4764
Ion Ratio Lower Upper
91 100
106 35.8 24.2 36.2

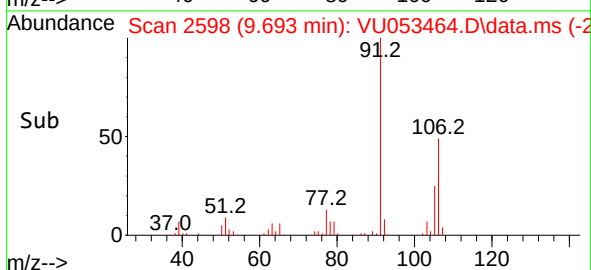
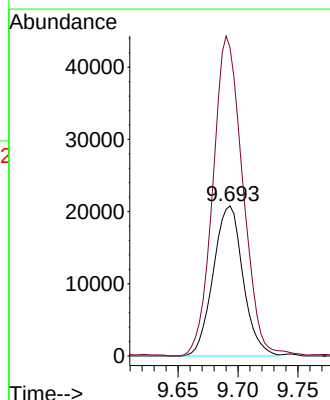
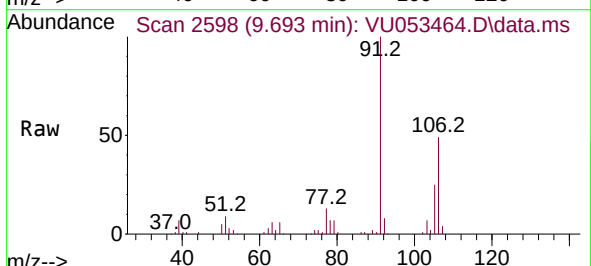
Manual Integrations
APPROVED

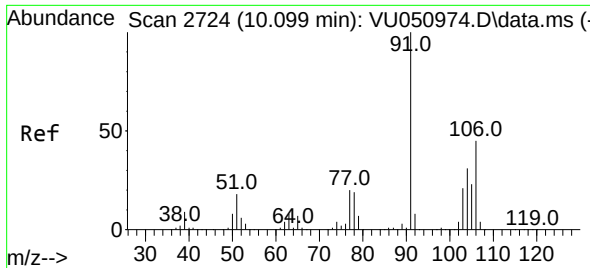
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#64
m/p-Xylenes
Concen: 1.619 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion:106 Resp: 35849
Ion Ratio Lower Upper
106 100
91 214.5 167.3 250.9





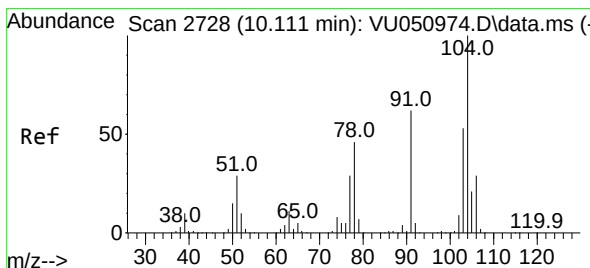
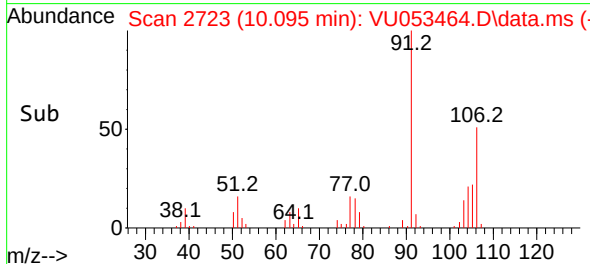
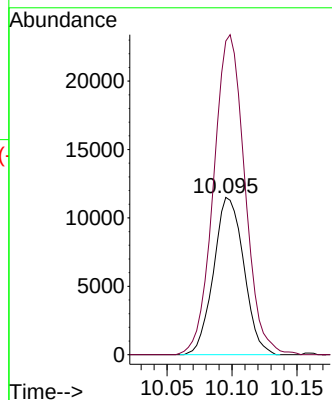
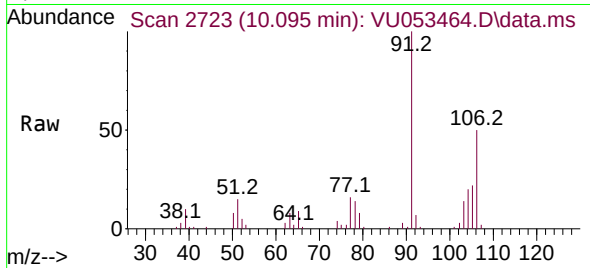
#65
o-Xylene
Concen: 0.857 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.004 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 1856
Ion Ratio Lower Upper
106 100
91 210.9 109.3 327.9

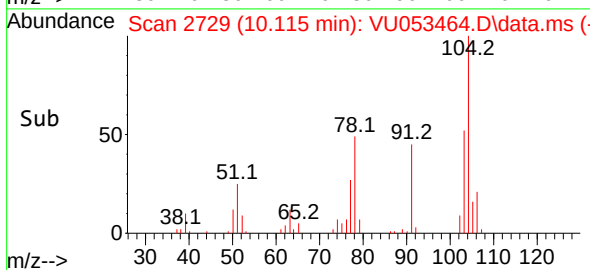
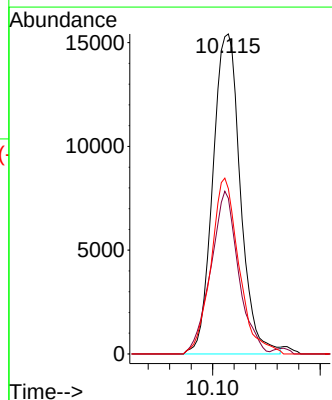
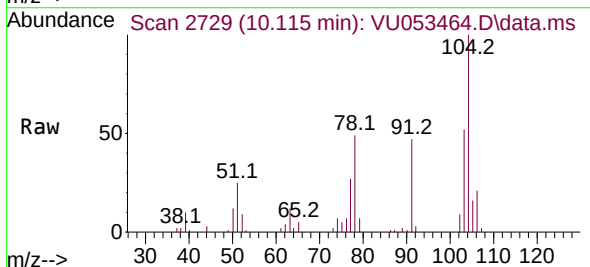
Manual Integrations
APPROVED

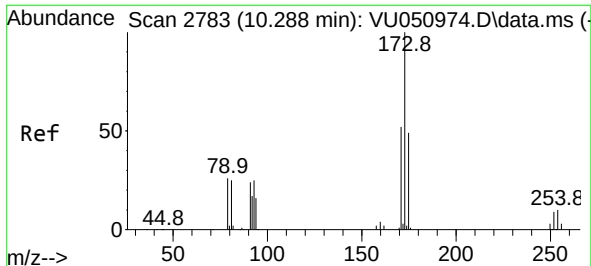
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#66
Styrene
Concen: 0.825 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

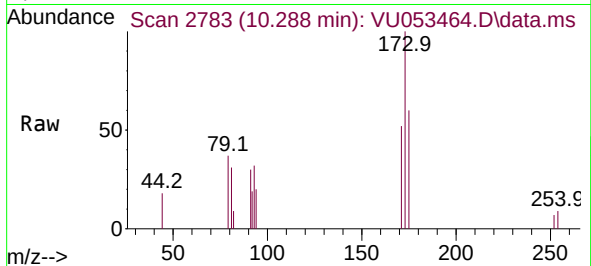
Tgt Ion:104 Resp: 27482
Ion Ratio Lower Upper
104 100
78 51.2 39.7 59.5
103 55.8 44.8 67.2





#67
Bromoform
Concen: 0.960 ug/l
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

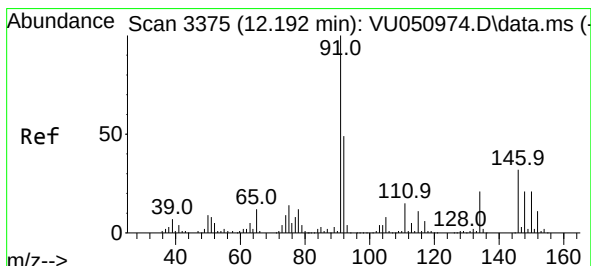
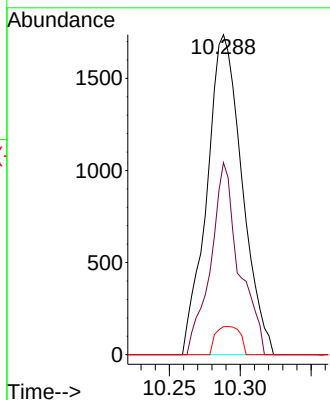
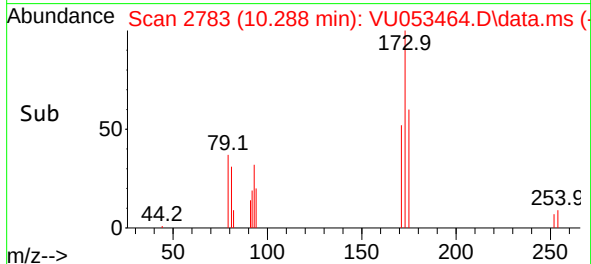
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



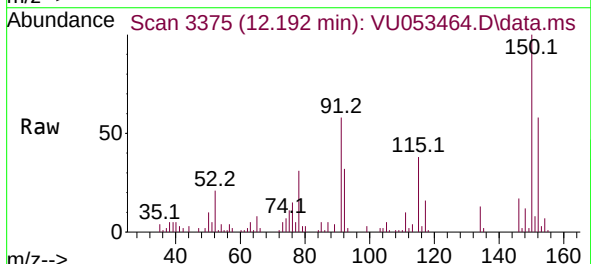
Tgt Ion:173 Resp: 3000
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.6
254 6.1 7.4 11.0

Manual Integrations
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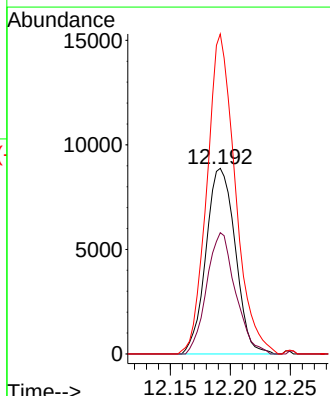
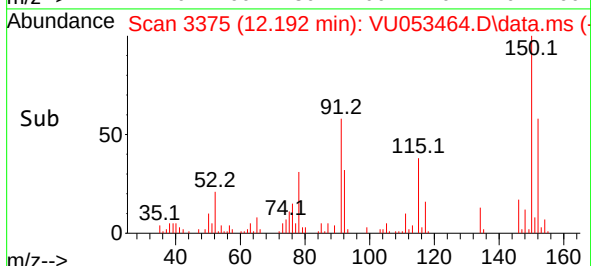
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

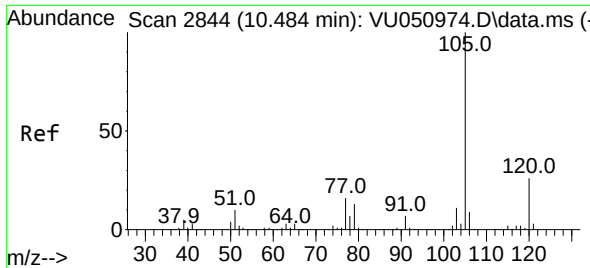


#68
1,2-Dichlorobenzene-d4
Concen: 0.960 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26



Tgt Ion:152 Resp: 15080
Ion Ratio Lower Upper
152 100
115 64.0 0.0 308.8
150 166.9 0.0 635.0





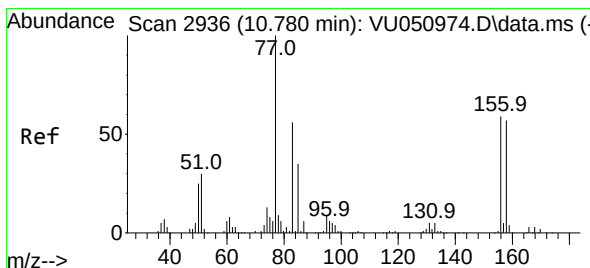
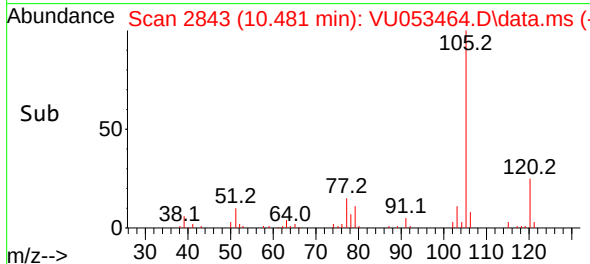
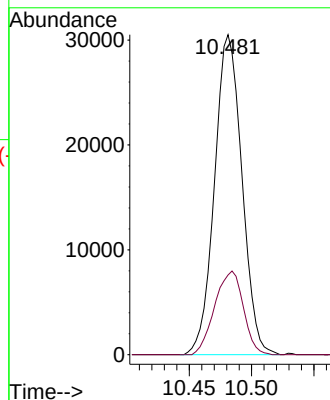
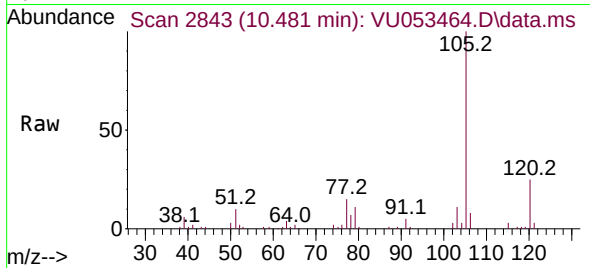
#69
Isopropylbenzene
Concen: 0.824 ug/l
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 46729
Ion Ratio Lower Upper
105 100
120 27.2 12.8 38.4

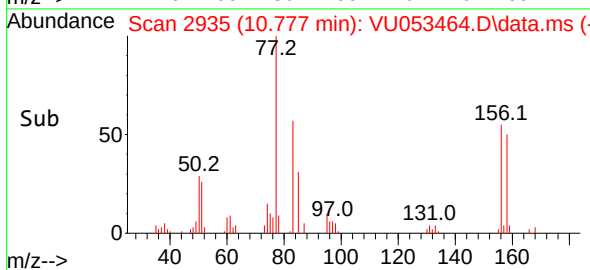
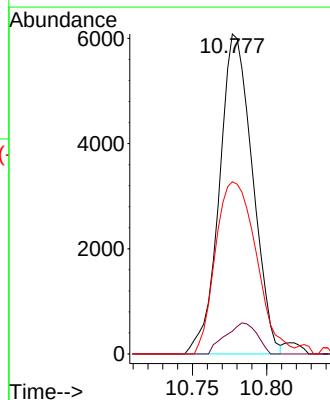
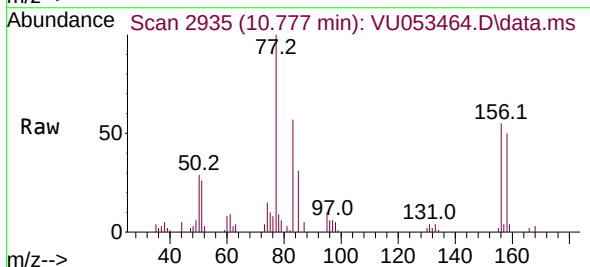
Manual Integrations
APPROVED

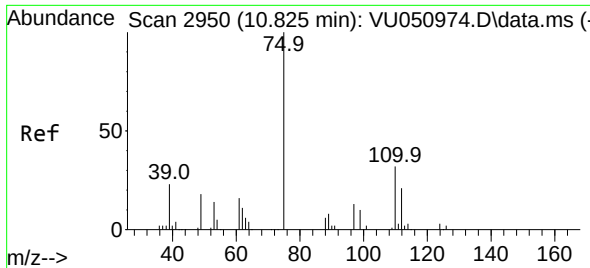
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.906 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

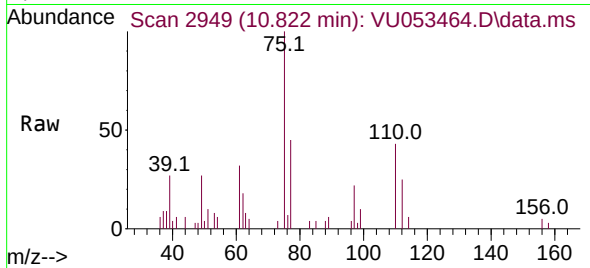
Tgt Ion: 83 Resp: 9450
Ion Ratio Lower Upper
83 100
131 9.2 7.2 10.8
85 66.1 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.685 ug/l m
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

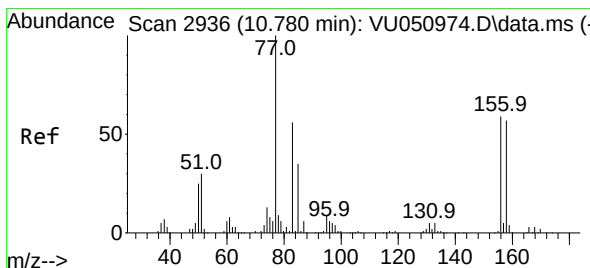
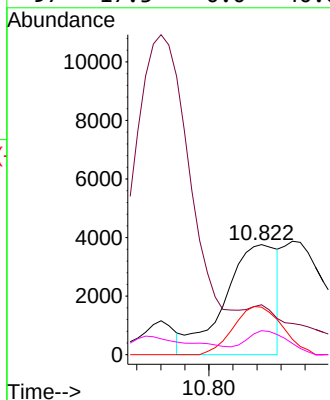
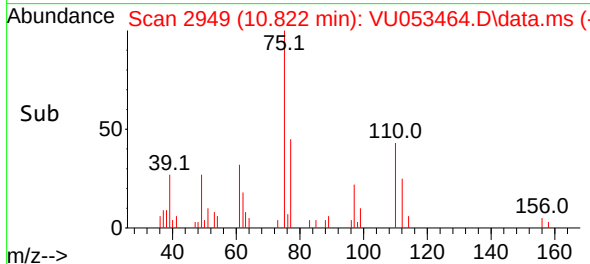
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 568
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 40.9 0.0 74.6
97 17.3 0.0 40.0

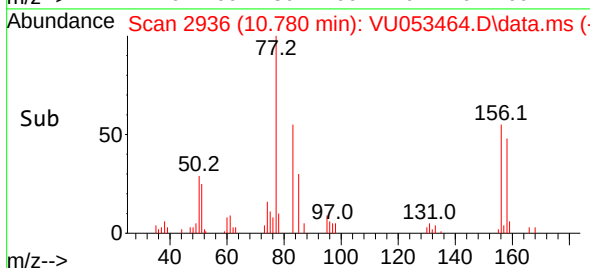
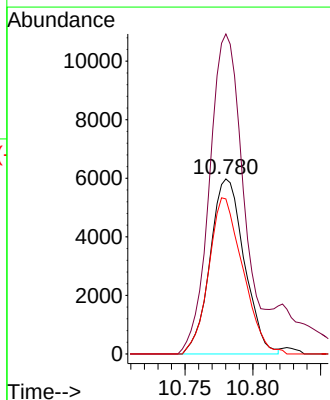
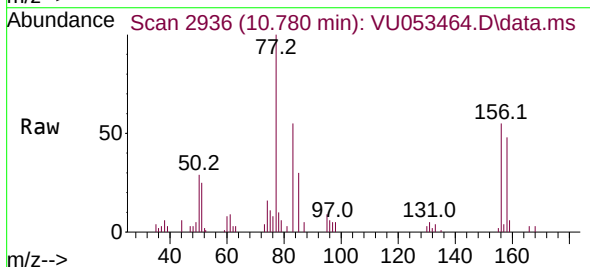
Manual Integrations
APPROVED

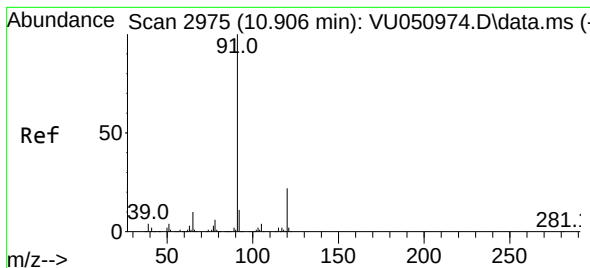
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#72
Bromobenzene
Concen: 0.880 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion:156 Resp: 10461
Ion Ratio Lower Upper
156 100
77 182.6 0.0 343.0
158 89.0 0.0 194.8





#73

n-propylbenzene

Concen: 0.803 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. -0.001 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:120 Resp: 12029

Ion Ratio Lower Upper

120 100

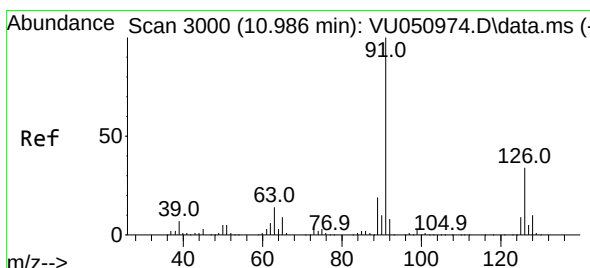
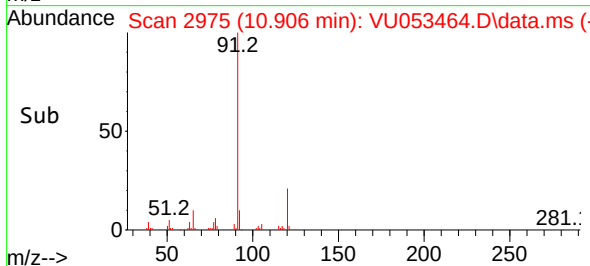
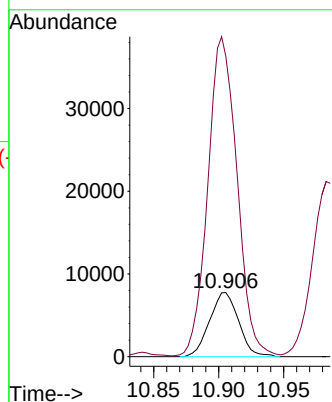
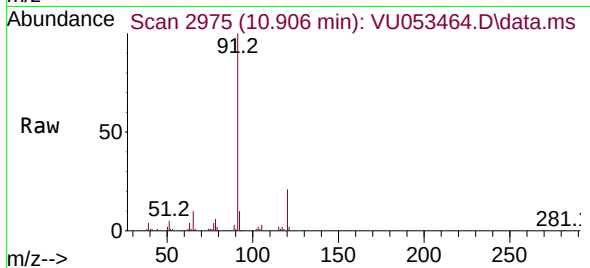
91 499.1 369.8 554.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#74

2-Chlorotoluene

Concen: 0.842 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. -0.000 min

Lab File: VU053464.D

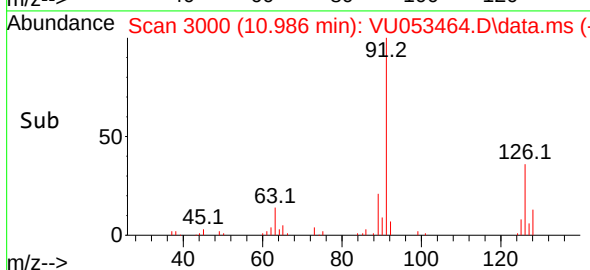
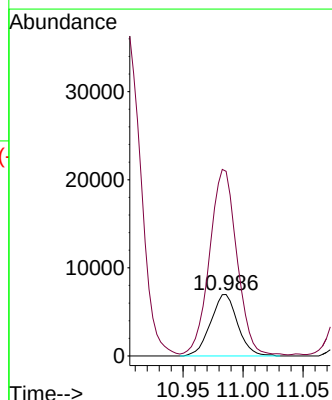
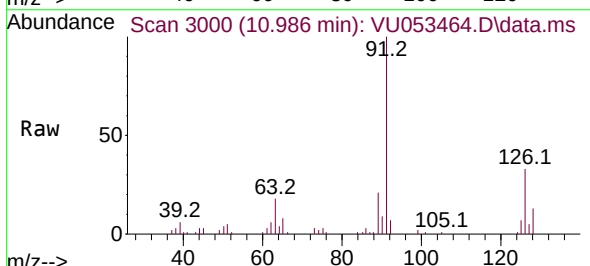
Acq: 29 Mar 2023 14:26

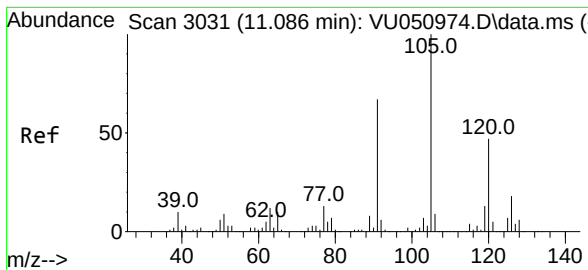
Tgt Ion:126 Resp: 10911

Ion Ratio Lower Upper

126 100

91 304.9 0.0 610.0





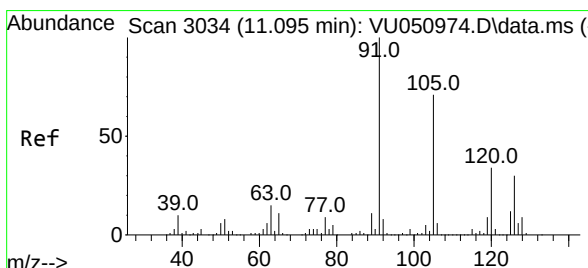
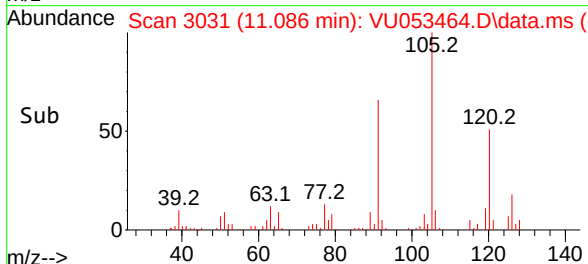
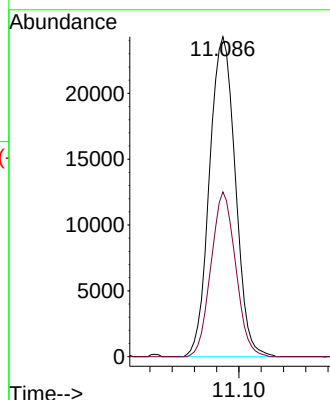
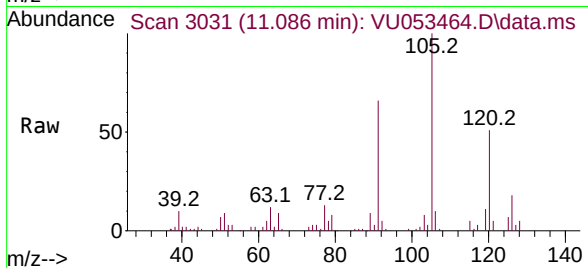
#75
1,3,5-Trimethylbenzene
Concen: 0.822 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 3914
Ion Ratio Lower Upper
105 100
120 49.1 37.8 56.8

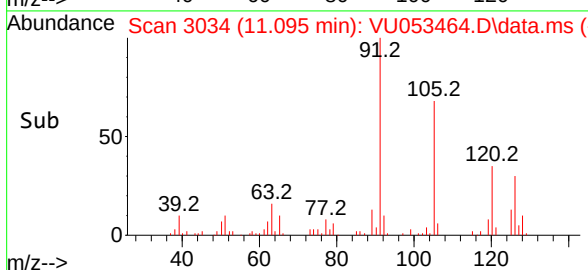
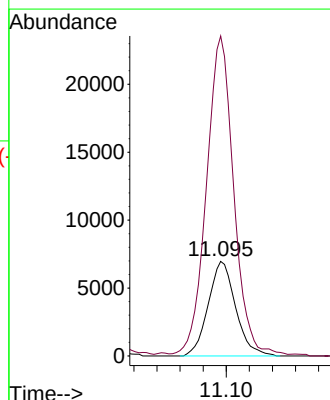
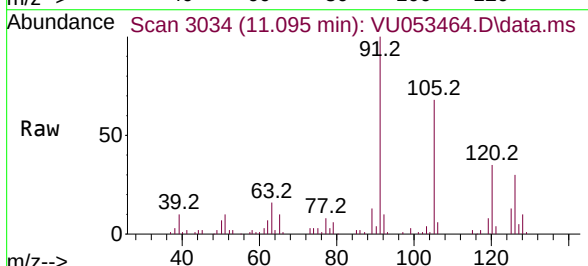
Manual Integrations
APPROVED

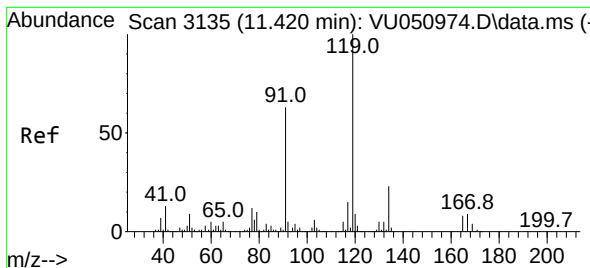
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#76
4-Chlorotoluene
Concen: 0.854 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Tgt Ion:126 Resp: 11484
Ion Ratio Lower Upper
126 100
91 331.3 0.0 686.2





#77

tert-Butylbenzene

Concen: 0.869 ug/l

RT: 11.417 min Scan# 3135

Delta R.T. -0.003 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

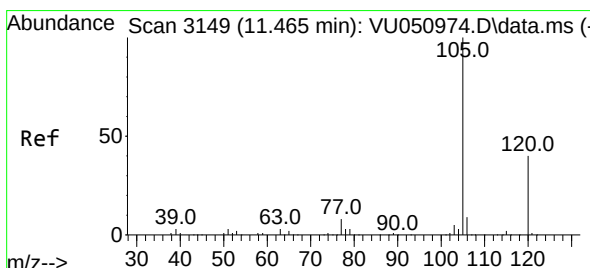
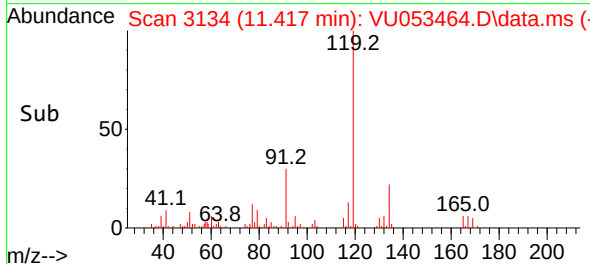
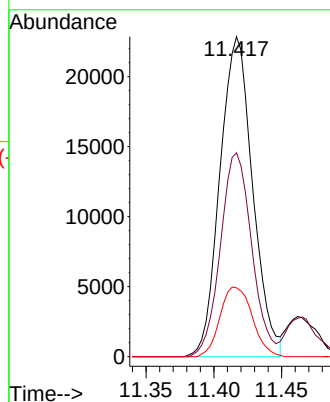
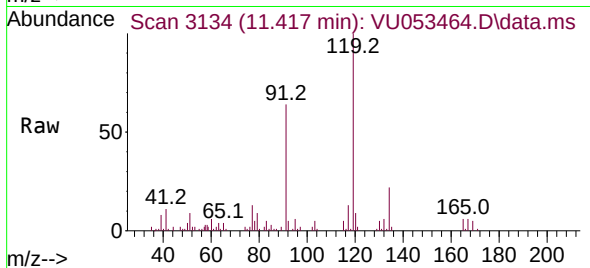
Tgt Ion:	119	Resp:	38350
Ion Ratio	Lower	Upper	
119	100		
91	61.0	30.8	92.4
134	21.4	18.0	27.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#78

1,2,4-Trimethylbenzene

Concen: 0.805 ug/l

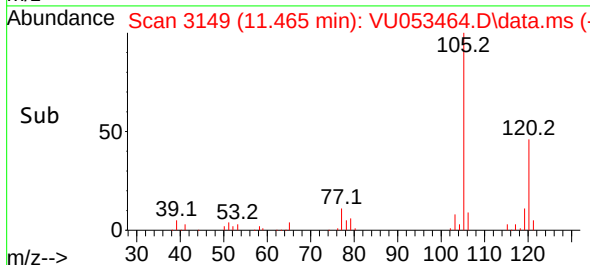
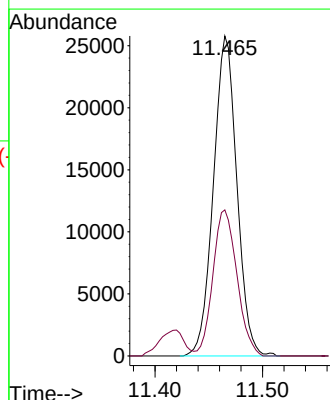
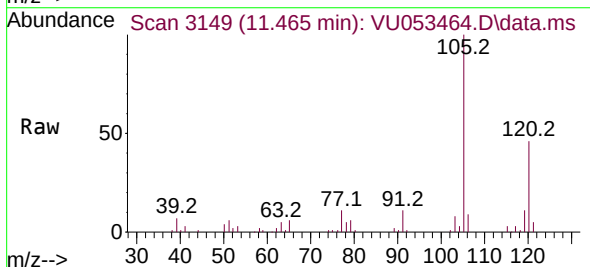
RT: 11.465 min Scan# 3149

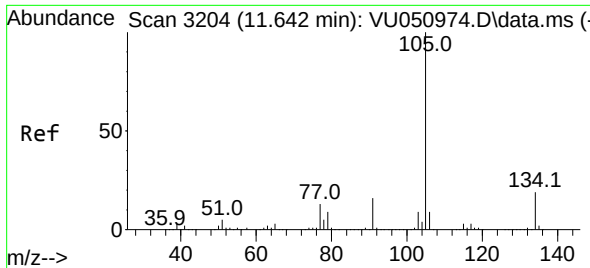
Delta R.T. -0.000 min

Lab File: VU053464.D

Acq: 29 Mar 2023 14:26

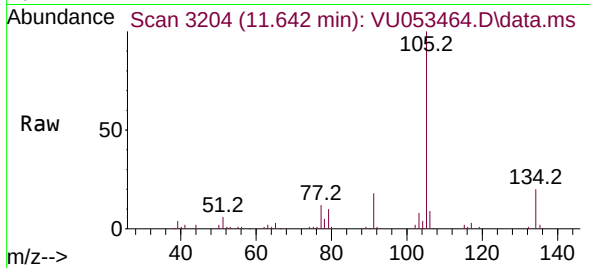
Tgt Ion:	105	Resp:	39048
Ion Ratio	Lower	Upper	
105	100		
120	46.8	21.9	65.8





#79
sec-Butylbenzene
Concen: 0.817 ug/l
RT: 11.642 min Scan# 3193
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

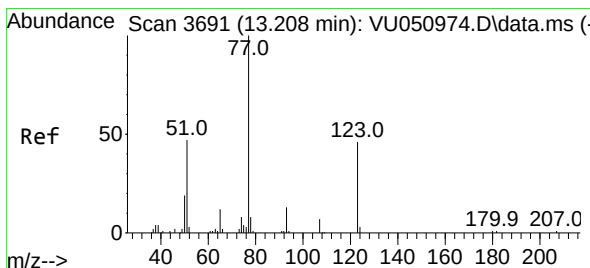
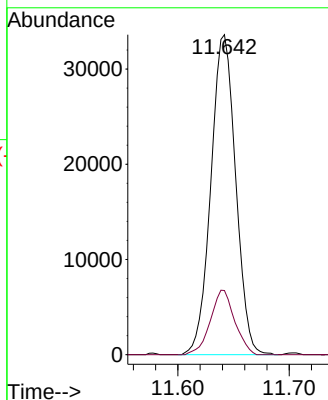
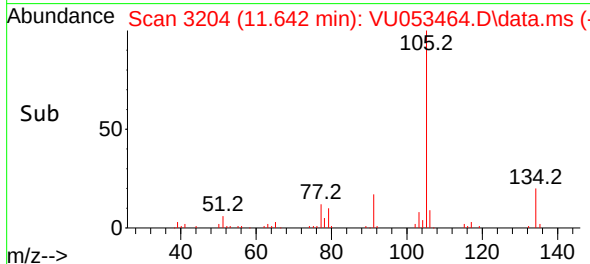
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



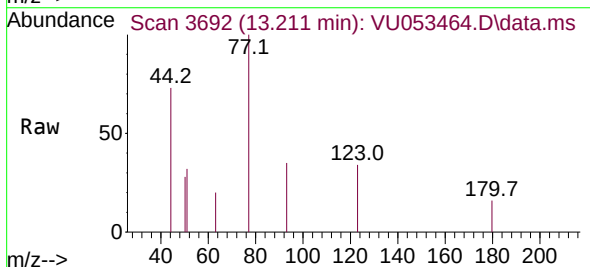
Tgt Ion:105 Resp: 51938
Ion Ratio Lower Upper
105 100
134 19.8 14.9 22.3

Manual Integrations
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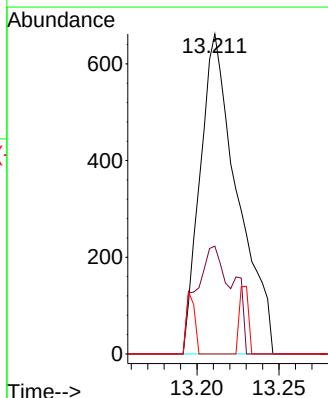
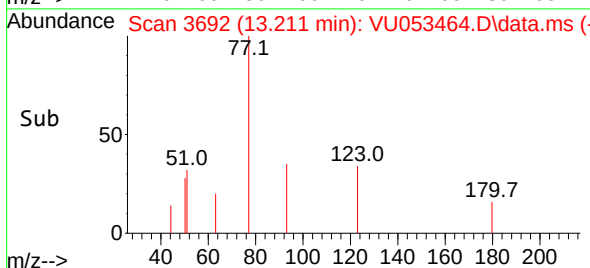
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

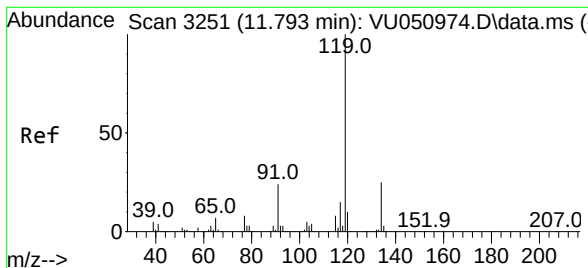


#80
Nitrobenzene
Concen: 3.986 ug/l
RT: 13.211 min Scan# 3692
Delta R.T. 0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26



Tgt Ion: 77 Resp: 1044
Ion Ratio Lower Upper
77 100
123 33.1 19.7 69.7
65 4.3 11.5 14.7#





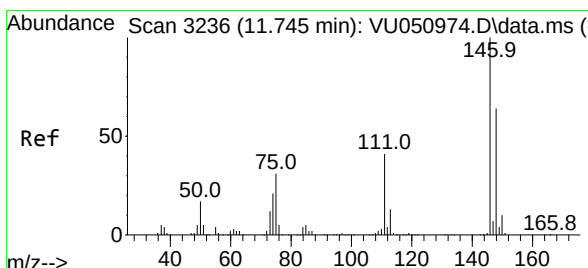
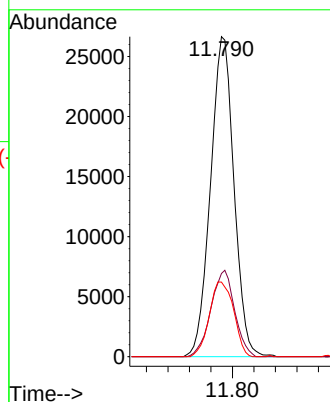
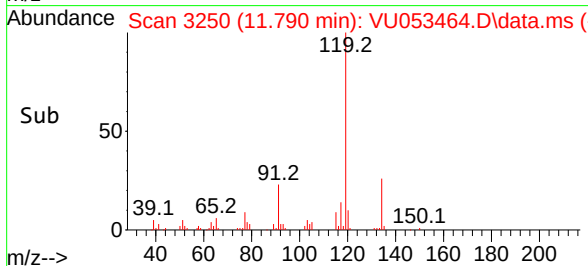
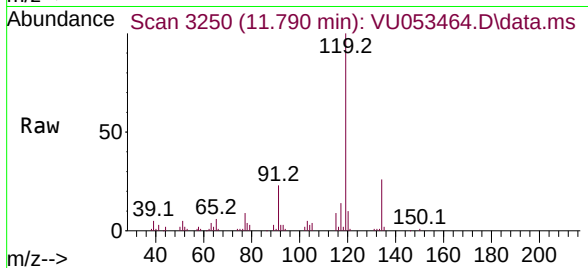
#81
p-Isopropyltoluene
Concen: 0.808 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 4038
Ion Ratio Lower Upper
119 100
134 27.3 20.2 30.4
91 24.2 19.3 28.9

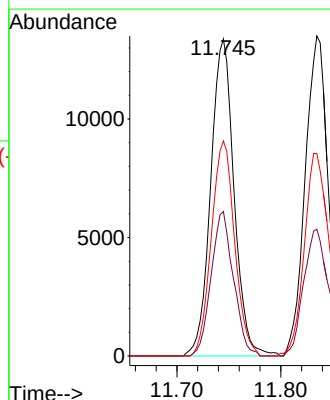
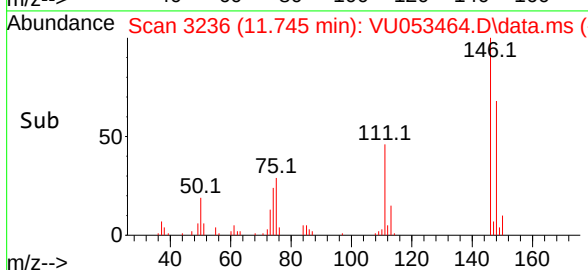
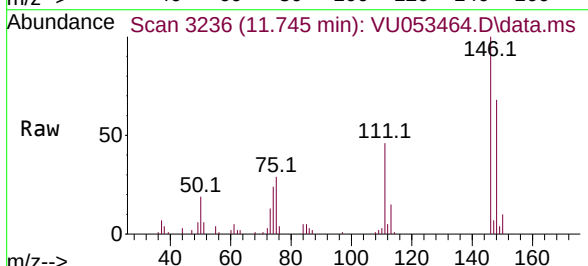
Manual Integrations
APPROVED

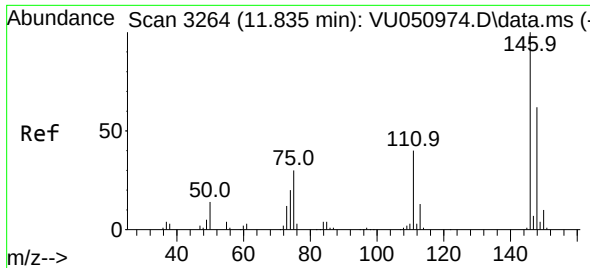
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#82
1,3-Dichlorobenzene
Concen: 0.823 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

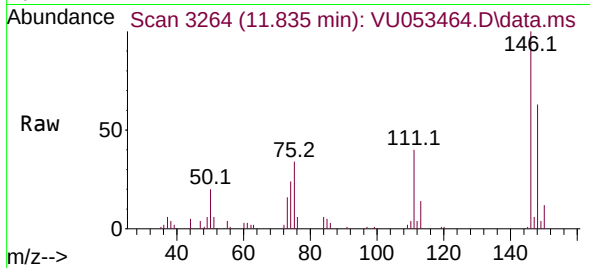
Tgt Ion:146 Resp: 20845
Ion Ratio Lower Upper
146 100
111 43.6 32.6 49.0
148 67.6 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.820 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

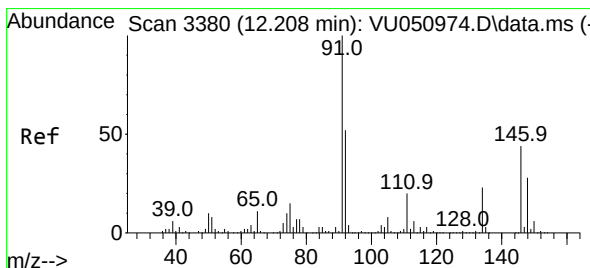
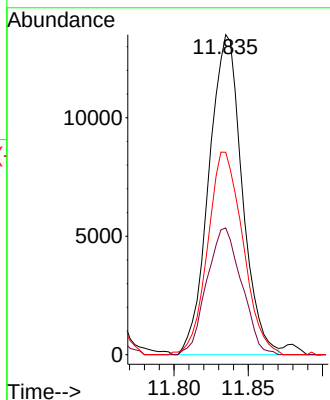
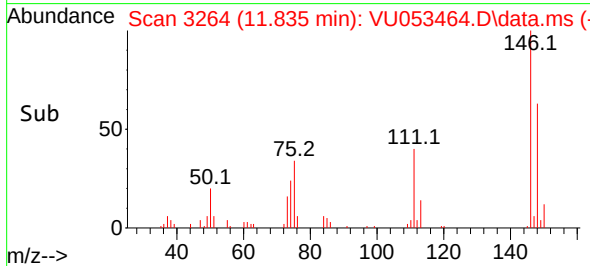
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



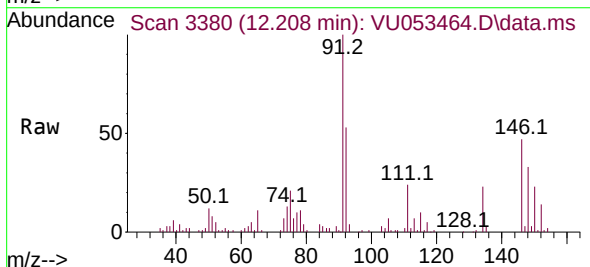
Tgt Ion:146 Resp: 21018
Ion Ratio Lower Upper
146 100
111 41.5 31.6 47.4
148 67.1 50.3 75.5

Manual Integrations
APPROVED

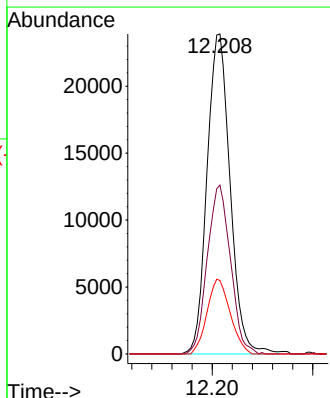
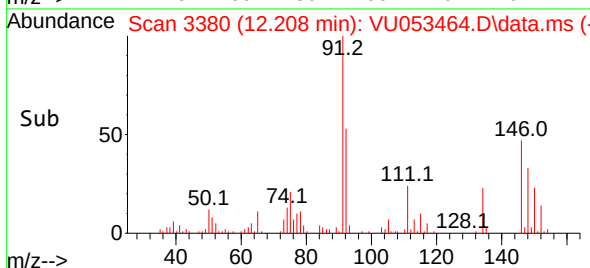
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

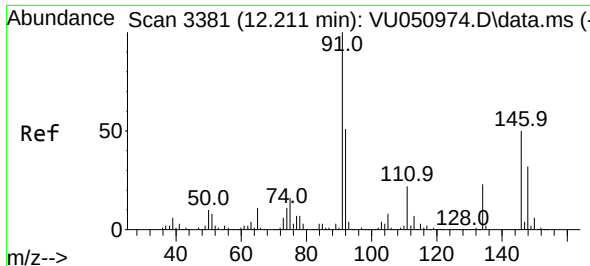


#84
n-Butylbenzene
Concen: 0.771 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26



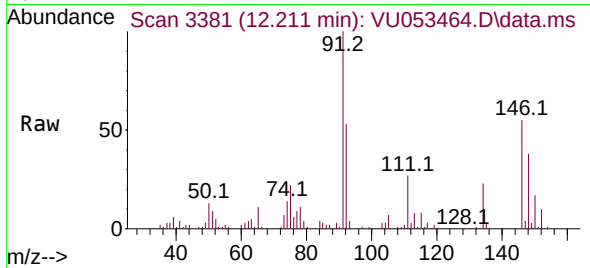
Tgt Ion: 91 Resp: 38077
Ion Ratio Lower Upper
91 100
92 53.0 40.8 61.2
134 23.4 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 0.840 ug/l
RT: 12.211 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

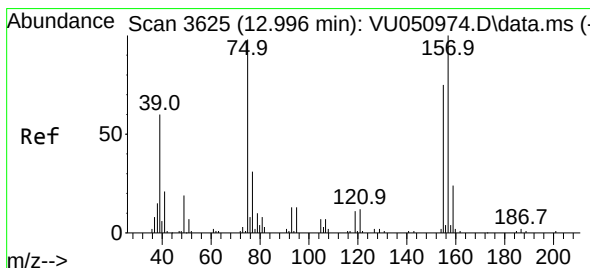
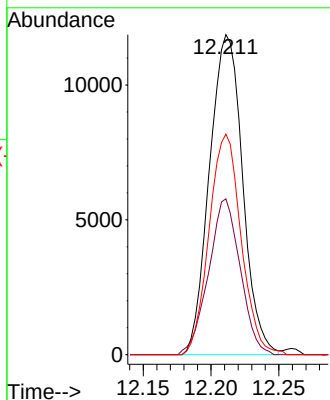
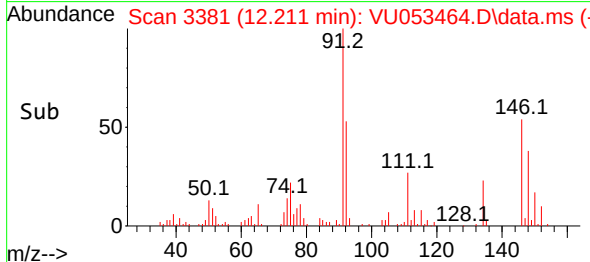
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



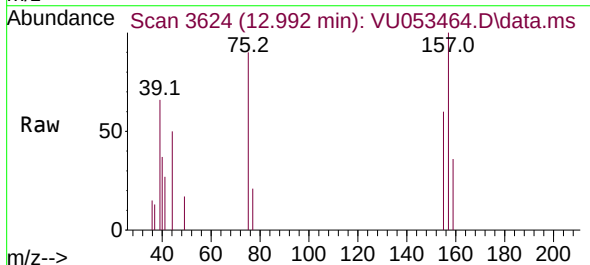
Tgt Ion:146 Resp: 20172
Ion Ratio Lower Upper
146 100
111 46.5 21.6 64.6
148 66.6 32.1 96.5

Manual Integrations
APPROVED

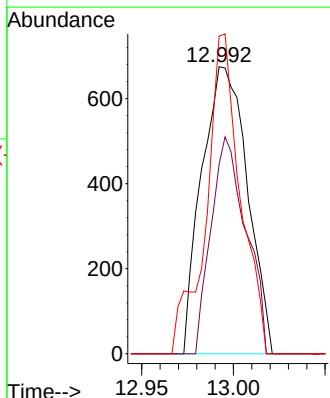
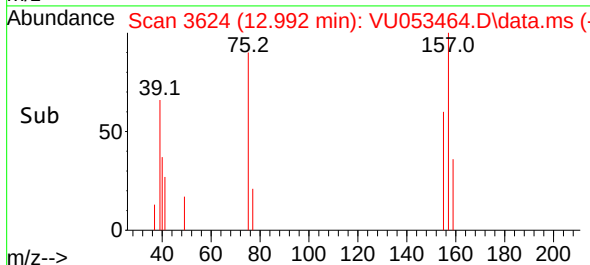
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

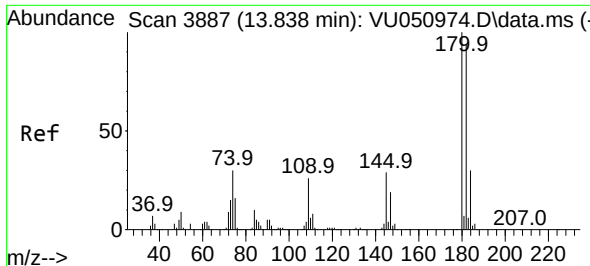


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.737 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26



Tgt Ion: 75 Resp: 1167
Ion Ratio Lower Upper
75 100
155 58.0 61.8 92.8#
157 83.8 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 0.780 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

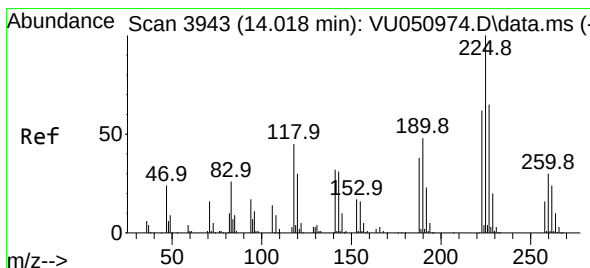
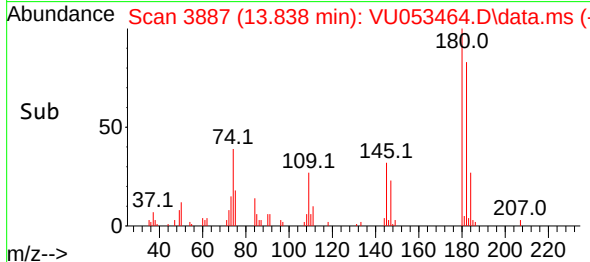
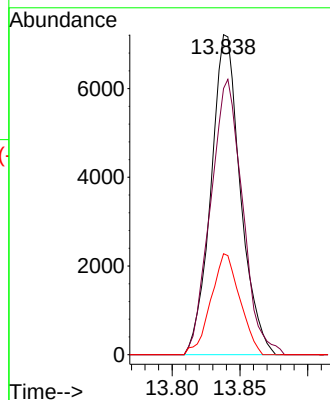
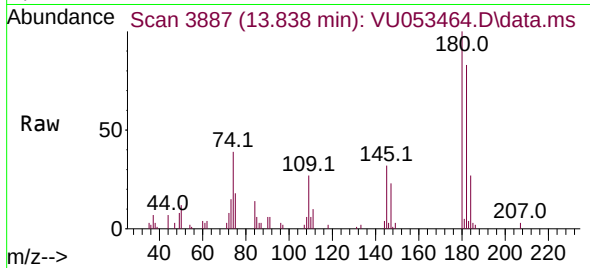
Tgt Ion:180 Resp: 10925
Ion Ratio Lower Upper
180 100
182 93.1 75.8 113.6
145 30.9 23.9 35.9

Manual Integrations

APPROVED

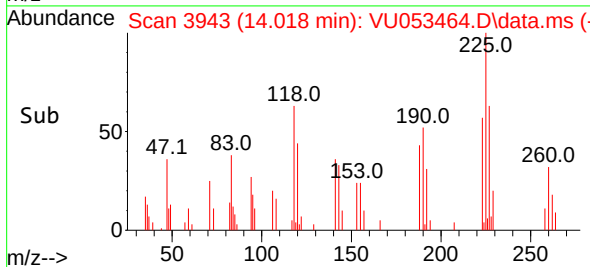
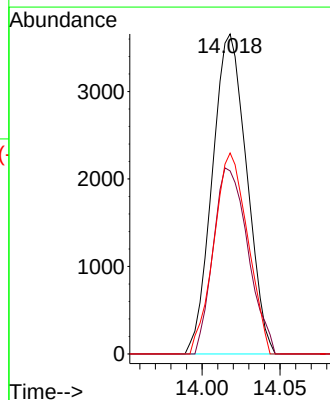
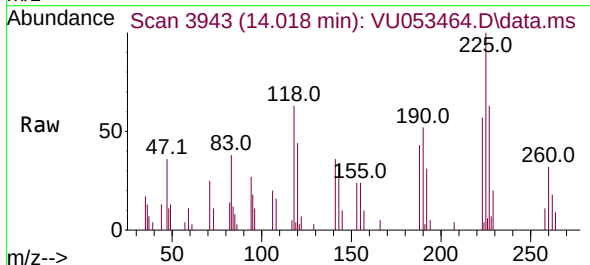
Reviewed By :Krupa Patel 04/07/2023

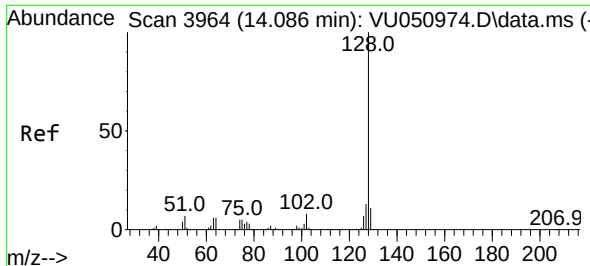
Supervised By :Mahesh Dadoda 04/07/2023



#88
Hexachlorobutadiene
Concen: 0.837 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

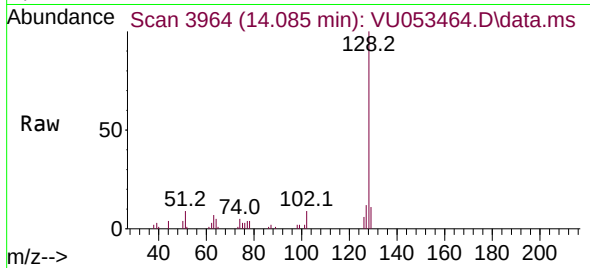
Tgt Ion:225 Resp: 5605
Ion Ratio Lower Upper
225 100
223 58.9 50.2 75.4
227 62.0 51.5 77.3





#89
Naphthalene
Concen: 0.753 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26

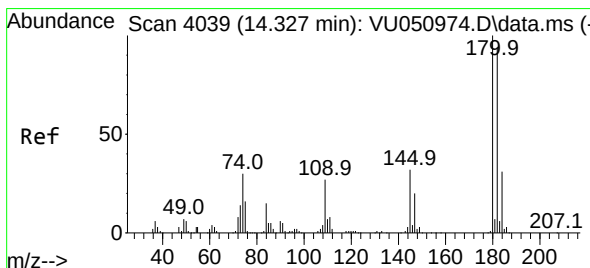
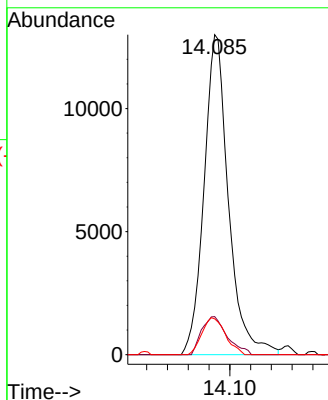
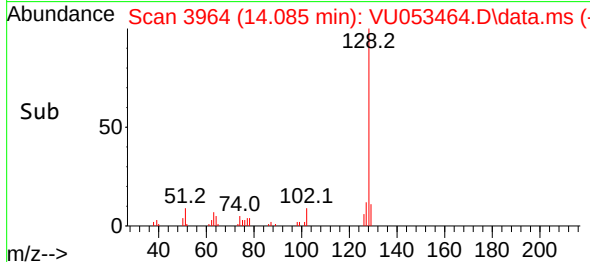
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



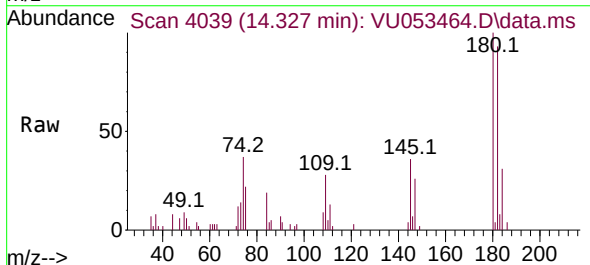
Tgt Ion:128 Resp: 21199
Ion Ratio Lower Upper
128 100
127 12.4 10.9 16.3
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#90
1,2,3-Trichlorobenzene
Concen: 0.791 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU053464.D
Acq: 29 Mar 2023 14:26



Tgt Ion:180 Resp: 9542
Ion Ratio Lower Upper
180 100
182 96.8 75.7 113.5
145 35.4 26.1 39.1

