

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
 Data File : VU053472.D
 Acq On : 29 Mar 2023 18:31
 Operator : JC/MD
 Sample : VU0329WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0329WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 30 14:09:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 30 13:33:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.108	96	43677	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	14871	0.943	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	15970	1.009	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	31062	1.967	ug/l	99
3) Chloromethane	1.520	50	31620	1.966	ug/l	93
4) Vinyl Chloride	1.604	62	33630	1.979	ug/l	98
5) Bromomethane	1.858	94	28245	2.007	ug/l	99
6) Chloroethane	1.932	64	19705	1.814	ug/l	93
7) Trichlorofluoromethane	2.137	101	48384	1.901	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	25026	1.984	ug/l	96
9) 1,1-Dichloroethene	2.578	96	22903	1.985	ug/l	95
10) Iodomethane	2.719	142	22406	2.109	ug/l	96
11) Allyl Chloride	2.922	41	25996	1.996	ug/l	91
12) Acrylonitrile	3.317	53	8631	3.851	ug/l	96
13) Acetone	2.639	43	24330	5.534	ug/l	100
14) Carbon Disulfide	2.790	76	65873	1.862	ug/l	96
15) Methylene Chloride	3.041	84	29012	0.506	ug/l	95
16) trans-1,2-Dichloroethene	3.353	96	25117	2.107	ug/l	93
17) 1,1-Dichloroethane	3.864	63	46495	2.137	ug/l	96
18) 2-Butanone	4.710	43	29823	6.665	ug/l	95
19) Cyclohexane	5.388	56	36341	2.028	ug/l	89
20) Methylcyclohexane	6.761	83	45364	2.027	ug/l	94
21) 2,2-Dichloropropane	4.661	77	38367	2.060	ug/l	94
22) cis-1,2-Dichloroethene	4.661	96	25208	1.946	ug/l	92
23) Diethyl Ether	2.375	59	18041	1.970	ug/l	94
24) tert-Butyl Alcohol	3.211	59	17362m	20.854	ug/l	
25) Methyl tert-Butyl Ether	3.362	73	52517	2.053	ug/l	97
26) Bromochloromethane	4.973	128	11250	2.155	ug/l	95
27) Chloroform	5.086	83	45710	2.024	ug/l	96
28) 1,1,1-Trichloroethane	5.311	97	39141	2.010	ug/l	98
29) 1,1-Dichloropropene	5.520	75	34202	2.030	ug/l	99
30) Carbon Tetrachloride	5.520	117	31579	2.037	ug/l	96
31) Isopropyl Ether	3.989	45	61733	2.062	ug/l	98
32) Ethyl-t-butyl ether	4.497	59	66517	2.163	ug/l	97
33) Tert-Amyl methyl ether	5.935	73	57353	2.098	ug/l	98
34) Propionitrile	4.787	54	8536m	10.623	ug/l	
35) Benzene	5.771	78	102845	2.086	ug/l	96
36) 1,2-Dichloroethane	5.790	62	28420	2.007	ug/l	# 93
37) Trichloroethene	6.539	130	25534	2.060	ug/l	96
38) 1,2-Dichloropropane	6.783	63	26411	2.091	ug/l	99
39) Methacrylonitrile	4.970	41	5958	1.935	ug/l	90
40) Methyl acrylate	4.845	55	10345	1.853	ug/l	# 92
41) Tetrahydrofuran	5.057	42	5893	3.666	ug/l	# 82
42) 1-Chlorobutane	5.452	56	45186	2.016	ug/l	96
43) Dibromomethane	6.915	93	12614	2.096	ug/l	91
44) Bromodichloromethane	7.099	83	29877	1.986	ug/l	99

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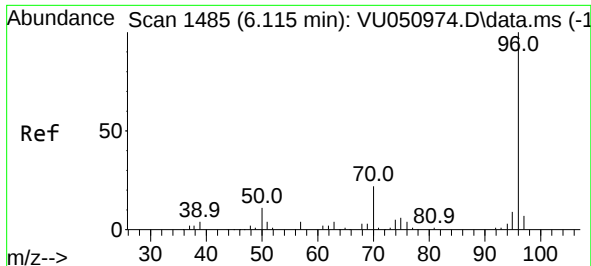
Manual Integrations
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 Supervised By :Mahesh Dadoda 04/07/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.787	43	61538	9.859	ug/l	96
46) t-1,4-Dichloro-2-butene	10.825	75	13075m	4.074	ug/l	
47) Methyl methacrylate	6.957	69	21596	3.903	ug/l	98
48) Ethyl methacrylate	8.330	69	20496	1.910	ug/l	99
49) Toluene	7.967	92	59251	1.961	ug/l	97
50) t-1,3-Dichloropropene	8.208	75	29068	2.086	ug/l	92
51) cis-1,3-Dichloropropene	7.603	75	35057	2.031	ug/l	97
52) 1,1,2-Trichloroethane	8.398	97	18215	2.088	ug/l	96
53) 1,3-Dichloropropane	8.571	76	32825	2.181	ug/l	97
54) 2-Hexanone	8.680	43	45644	6.970	ug/l	94
55) Dibromochloromethane	8.806	129	17772	2.001	ug/l	99
56) 1,2-Dibromoethane	8.918	107	16760	2.085	ug/l	96
58) Tetrachloroethene	8.549	164	22523	1.943	ug/l #	86
59) Chlorobenzene	9.443	112	66255	1.992	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.529	131	21063	2.083	ug/l	95
61) Pentachloroethane	11.426	117	14743	2.075	ug/l	93
62) Hexachloroethane	12.475	117	14937	1.949	ug/l	83
63) Ethyl Benzene	9.565	91	114903	1.970	ug/l	98
64) m/p-Xylenes	9.690	106	89080	3.994	ug/l	95
65) o-Xylene	10.095	106	43122	1.976	ug/l	96
66) Styrene	10.111	104	66567	1.984	ug/l	97
67) Bromoform	10.285	173	8272	2.043	ug/l #	97
69) Isopropylbenzene	10.481	105	114965	2.012	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.777	83	21880	2.083	ug/l	93
71) 1,2,3-Trichloropropane	10.819	75	14319m	1.805	ug/l	
72) Bromobenzene	10.777	156	24205	2.022	ug/l	92
73) n-propylbenzene	10.902	120	31246	2.069	ug/l	95
74) 2-Chlorotoluene	10.983	126	25940	1.987	ug/l	94
75) 1,3,5-Trimethylbenzene	11.086	105	95318	1.986	ug/l	100
76) 4-Chlorotoluene	11.095	126	26488	1.954	ug/l	94
77) tert-Butylbenzene	11.417	119	89989	2.023	ug/l	98
78) 1,2,4-Trimethylbenzene	11.465	105	100009	2.046	ug/l	97
79) sec-Butylbenzene	11.639	105	127401	1.988	ug/l	100
80) Nitrobenzene	13.211	77	2307	8.742	ug/l #	97
81) p-Isopropyltoluene	11.790	119	98997	1.967	ug/l	99
82) 1,3-Dichlorobenzene	11.741	146	50906	1.995	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	52236	2.023	ug/l	97
84) n-Butylbenzene	12.204	91	99288	1.997	ug/l	98
85) 1,2-Dichlorobenzene	12.208	146	48402	2.002	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.995	75	2875	1.802	ug/l	93
87) 1,2,4-Trichlorobenzene	13.838	180	28563	2.025	ug/l	96
88) Hexachlorobutadiene	14.018	225	13239	1.963	ug/l	97
89) Naphthalene	14.082	128	56886	2.005	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	25396	2.090	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. -0.007 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

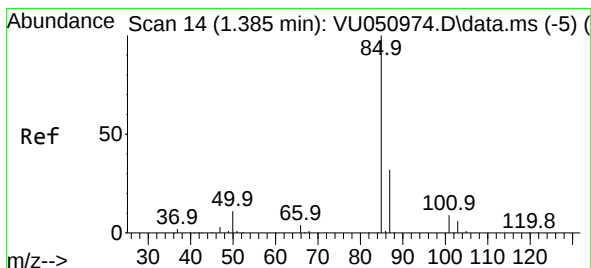
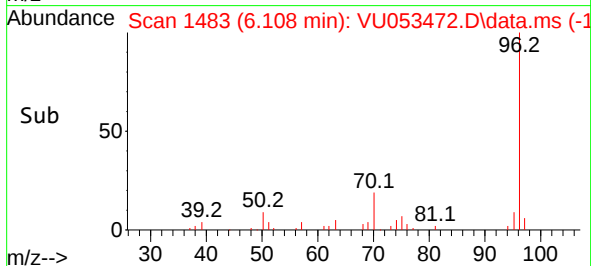
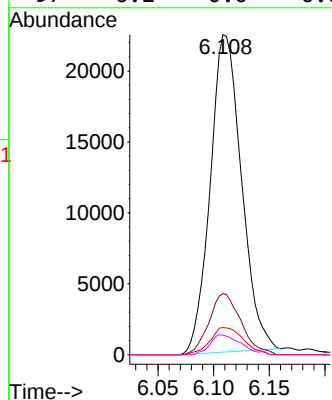
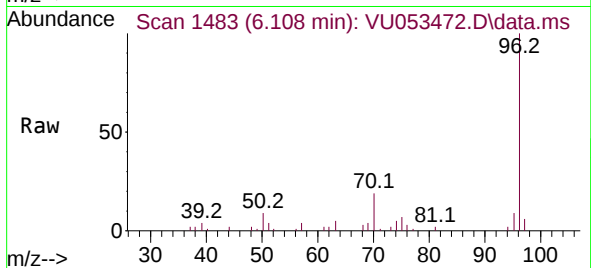
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 96 Resp: 4367

Ion	Ratio	Lower	Upper
96	100		
70	19.7	16.5	24.7
95	9.0	7.4	11.0
97	6.2	0.0	0.0

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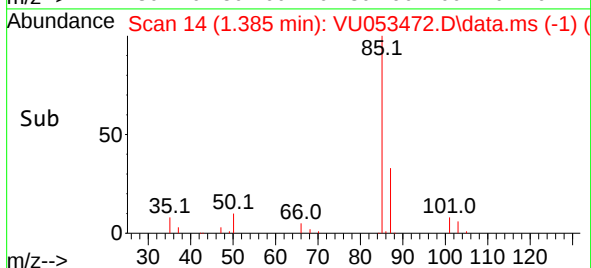
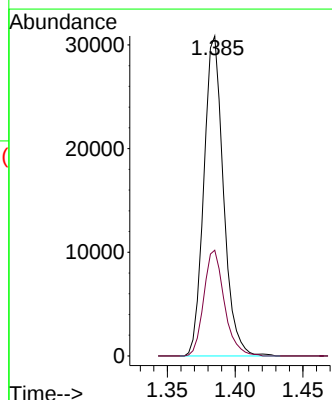
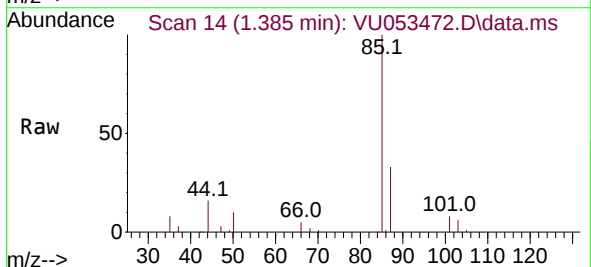
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

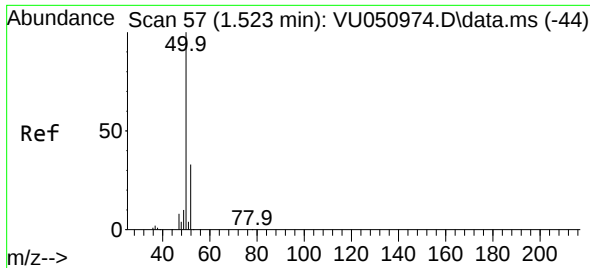


#2
Dichlorodifluoromethane
Concen: 1.967 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 85 Resp: 31062

Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.2	48.6





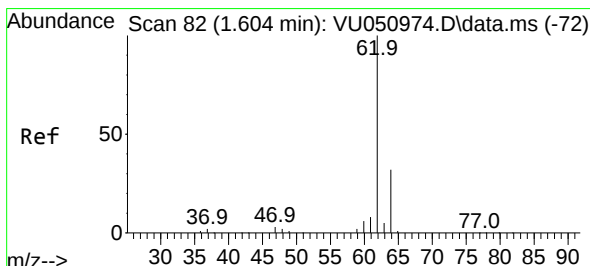
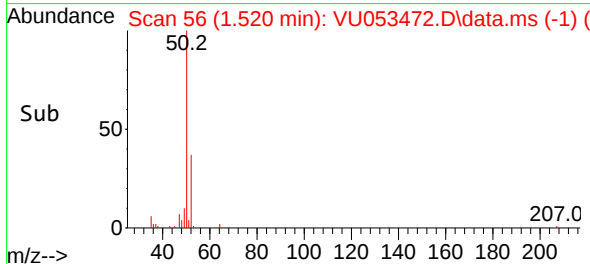
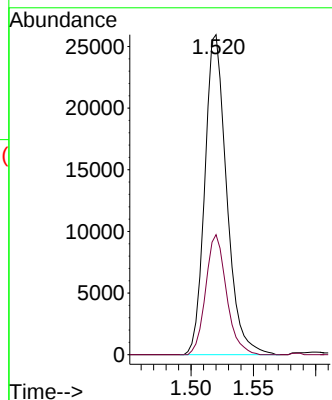
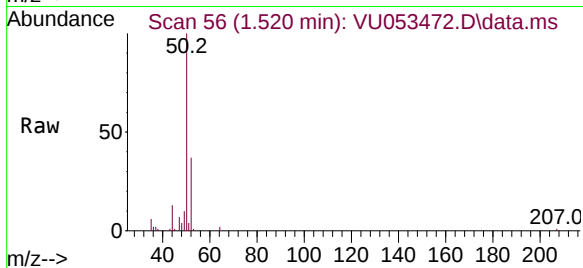
#3
Chloromethane
Concen: 1.966 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 50 Resp: 31620
Ion Ratio Lower Upper
50 100
52 37.5 26.6 40.0

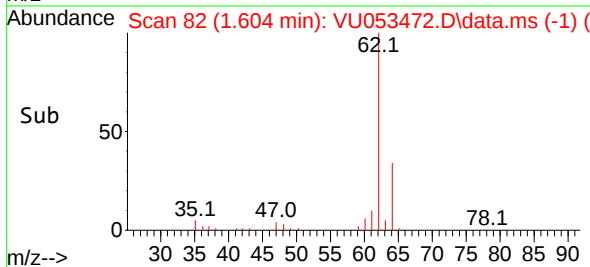
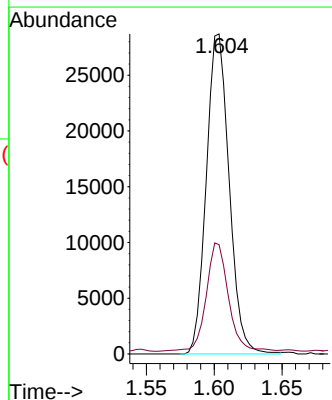
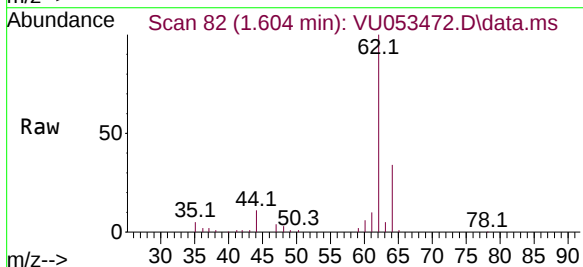
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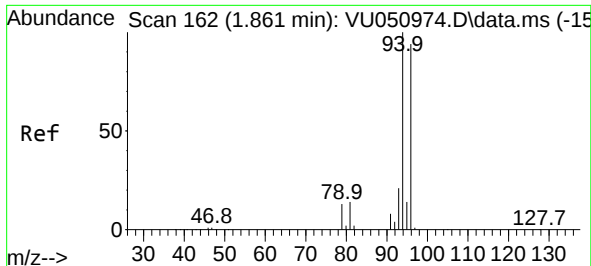
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#4
Vinyl Chloride
Concen: 1.979 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 62 Resp: 33630
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.2





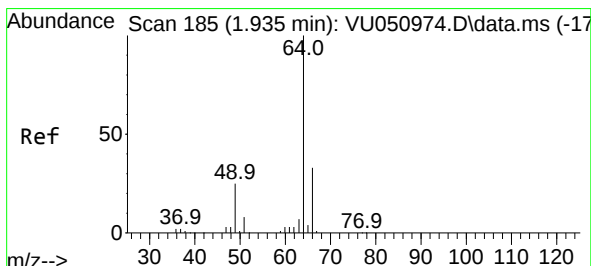
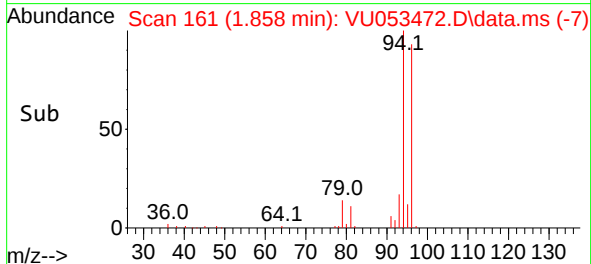
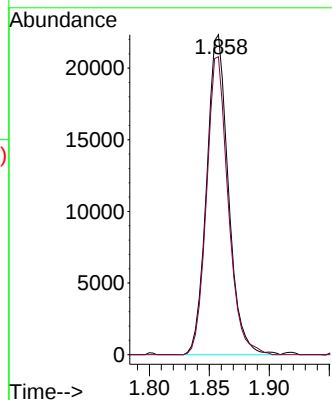
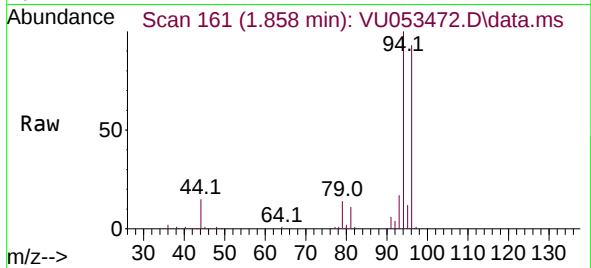
#5
Bromomethane
Concen: 2.007 ug/l
RT: 1.858 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 94 Resp: 2824
Ion Ratio Lower Upper
94 100
96 93.1 75.4 113.2

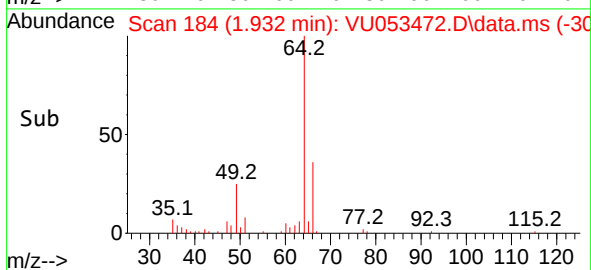
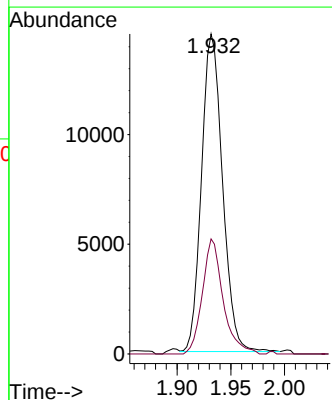
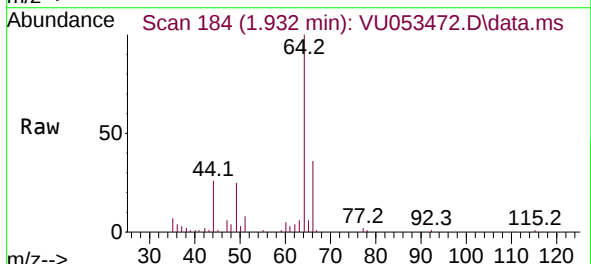
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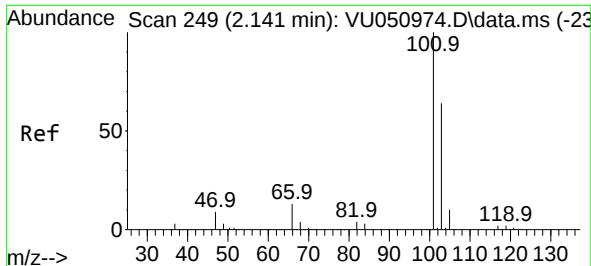
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#6
Chloroethane
Concen: 1.814 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 64 Resp: 19705
Ion Ratio Lower Upper
64 100
66 36.2 26.0 39.0





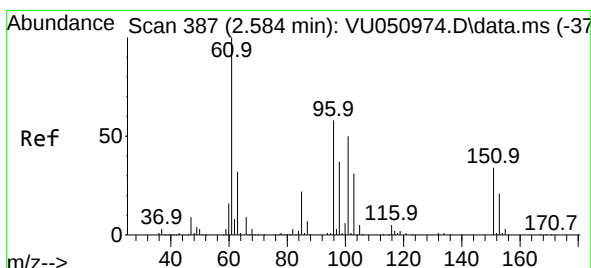
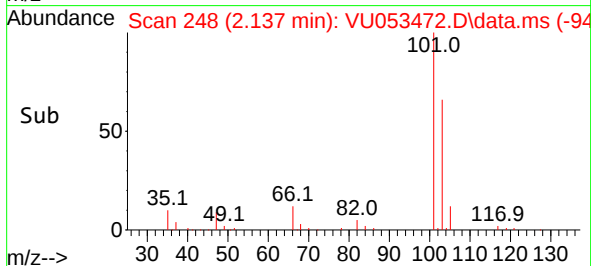
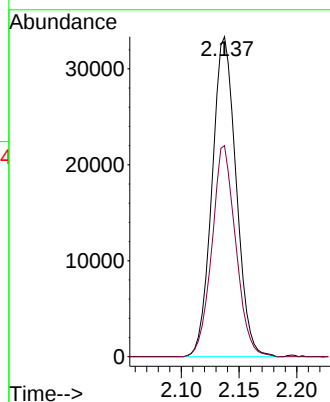
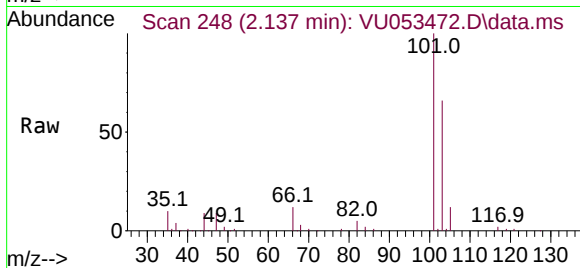
#7
 Trichlorofluoromethane
 Concen: 1.901 ug/l
 RT: 2.137 min Scan# 249
 Delta R.T. -0.003 min
 Lab File: VU053472.D
 Acq: 29 Mar 2023 18:31

Instrument :
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 ClientSampleId :
 VU0329WBSD01

Tgt Ion:101 Resp: 48384
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.0

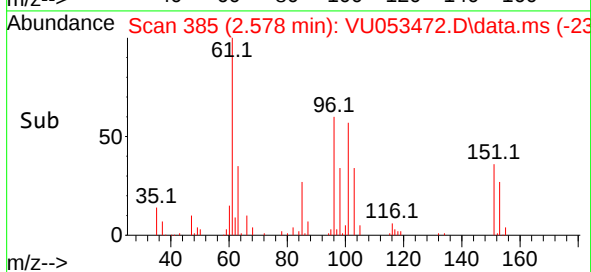
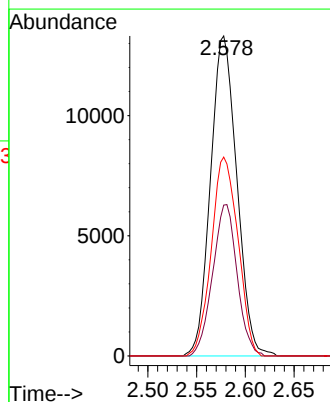
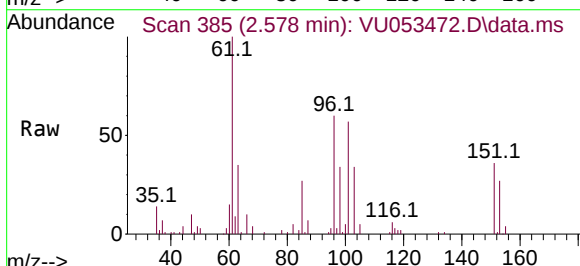
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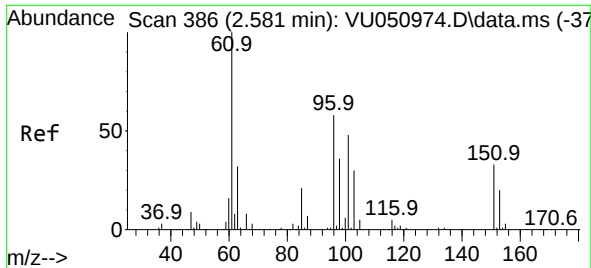
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.984 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.007 min
 Lab File: VU053472.D
 Acq: 29 Mar 2023 18:31

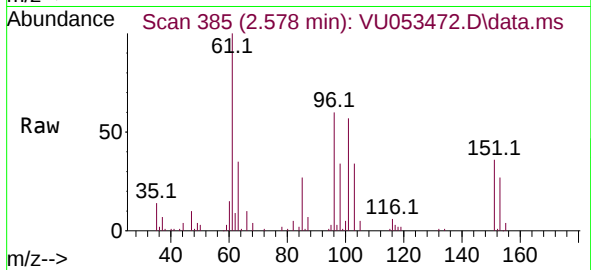
Tgt Ion:101 Resp: 25026
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.4 53.0
 151 62.9 54.0 81.0





#9
1,1-Dichloroethene
Concen: 1.985 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

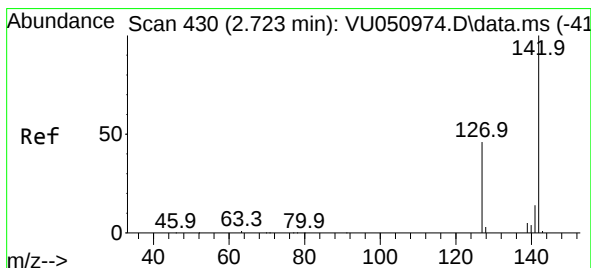
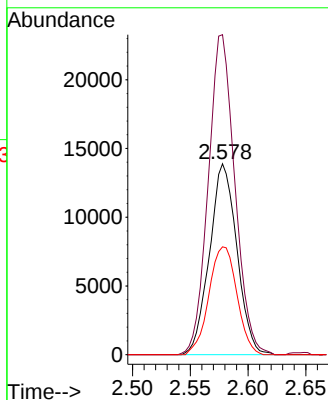
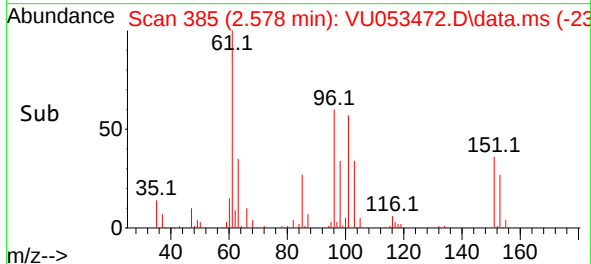
Instrument :
MSVOA_U
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VU0329WBSD01



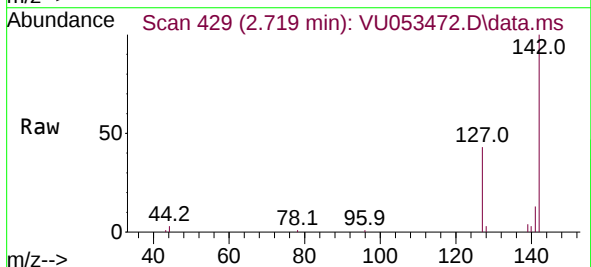
Tgt Ion: 96 Resp: 2290
Ion Ratio Lower Upper
96 100
61 167.7 0.0 521.4
98 56.5 0.0 125.8

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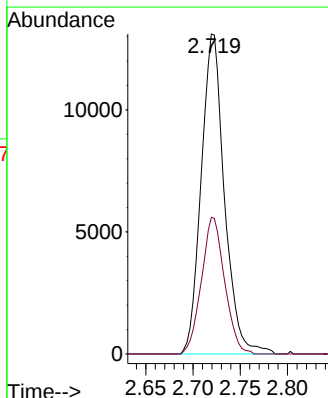
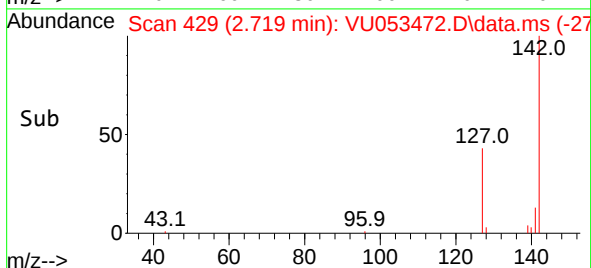
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

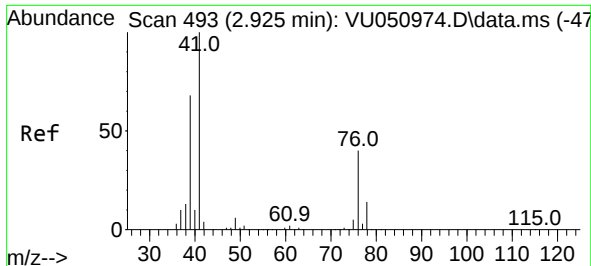


#10
Iodomethane
Concen: 2.109 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31



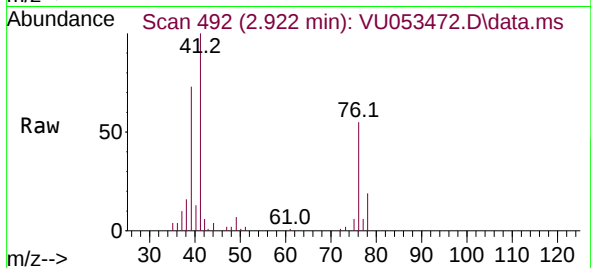
Tgt Ion:142 Resp: 22406
Ion Ratio Lower Upper
142 100
127 42.6 35.9 53.9





#11
 Allyl Chloride
 Concen: 1.996 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. -0.003 min
 Lab File: VU053472.D
 Acq: 29 Mar 2023 18:31

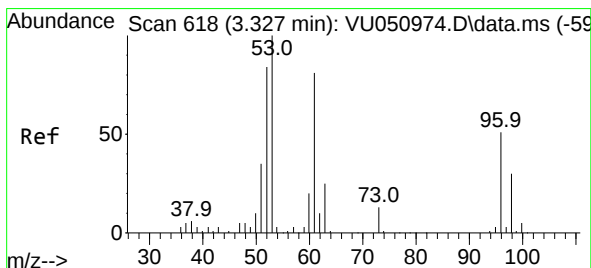
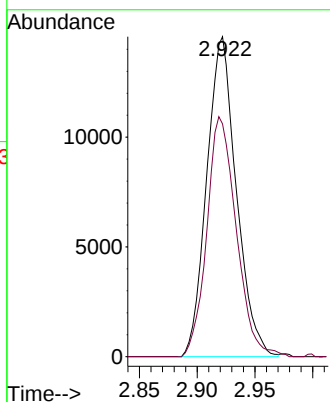
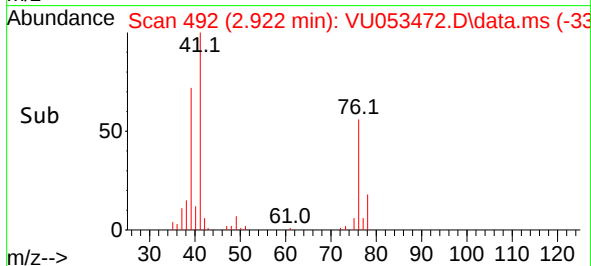
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0329WBSD01



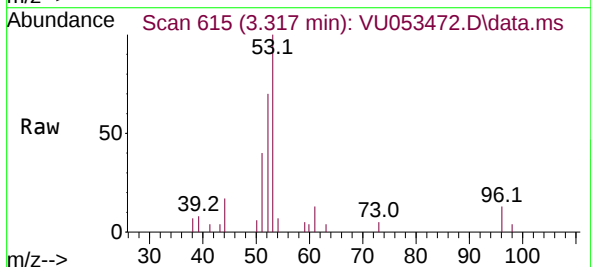
Tgt Ion: 41 Resp: 25990
 Ion Ratio Lower Upper
 41 100
 39 74.6 54.2 81.2

Manual Integrations
 APPROVED

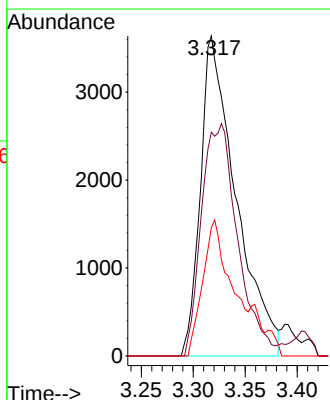
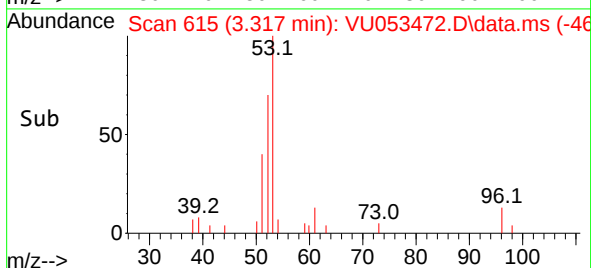
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

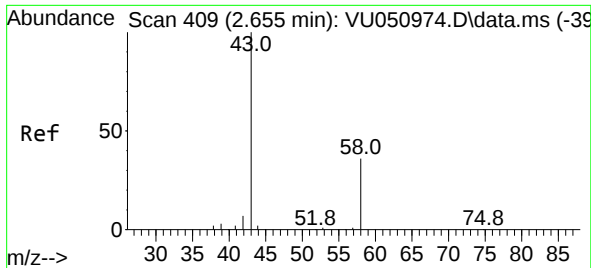


#12
 Acrylonitrile
 Concen: 3.851 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. -0.010 min
 Lab File: VU053472.D
 Acq: 29 Mar 2023 18:31



Tgt Ion: 53 Resp: 8631
 Ion Ratio Lower Upper
 53 100
 52 73.8 62.9 94.3
 51 34.1 27.8 41.6





#13

Acetone

Concen: 5.534 ug/l

RT: 2.639 min Scan# 409

Delta R.T. -0.016 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

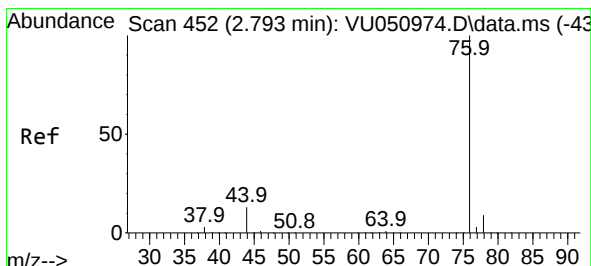
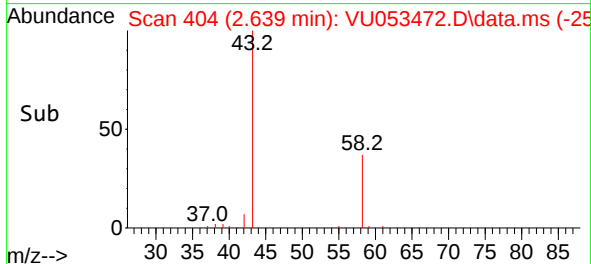
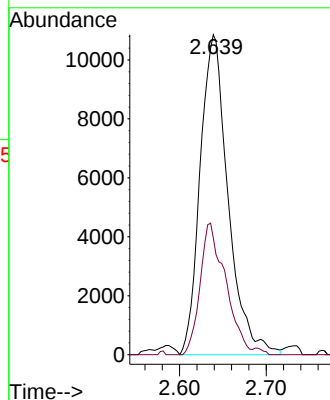
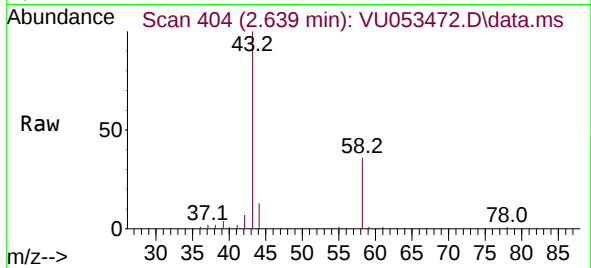
Tgt Ion: 43 Resp: 24330
 Ion Ratio Lower Upper
 43 100
 58 36.5 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#14

Carbon Disulfide

Concen: 1.862 ug/l

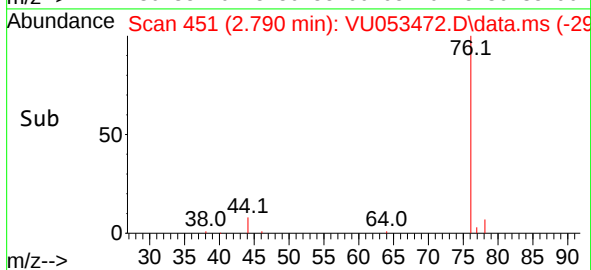
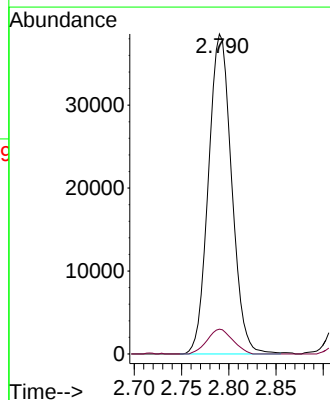
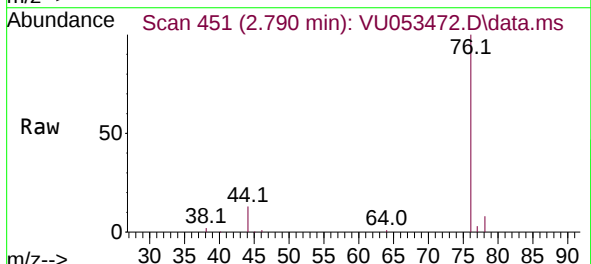
RT: 2.790 min Scan# 451

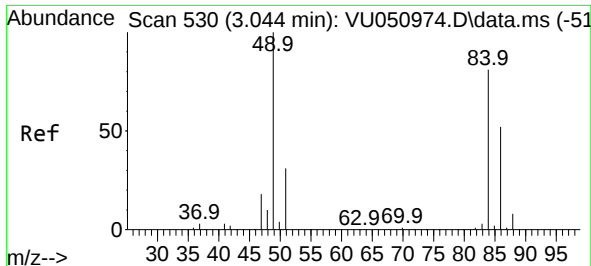
Delta R.T. -0.003 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

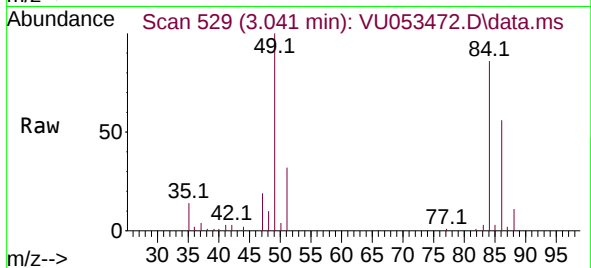
Tgt Ion: 76 Resp: 65873
 Ion Ratio Lower Upper
 76 100
 78 7.8 7.4 11.0





#15
Methylene Chloride
Concen: 0.506 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

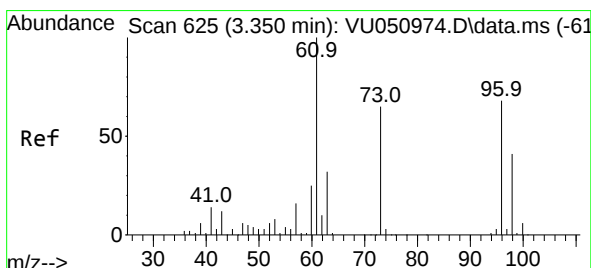
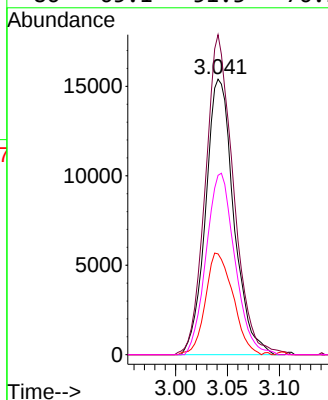
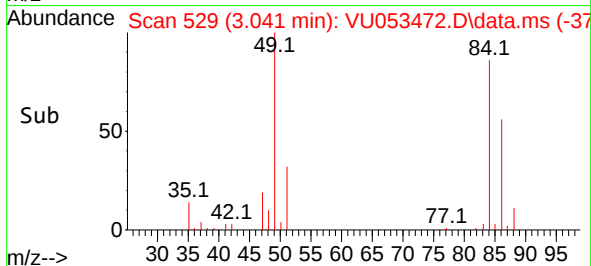
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01



Tgt Ion: 84 Resp: 2901
Ion Ratio Lower Upper
84 100
49 115.4 98.9 148.3
51 36.6 0.0 75.4
86 65.1 51.3 76.9

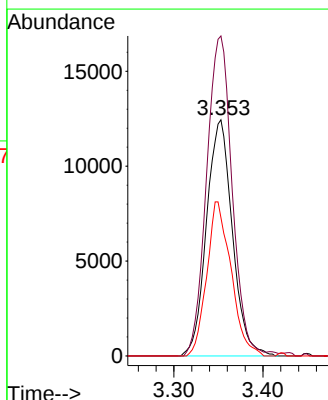
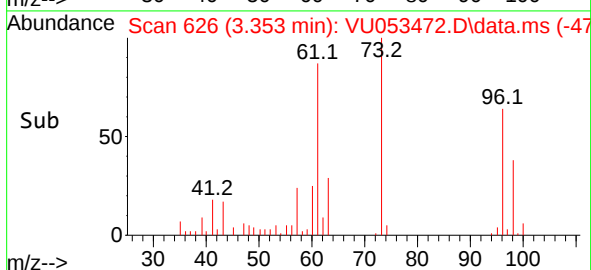
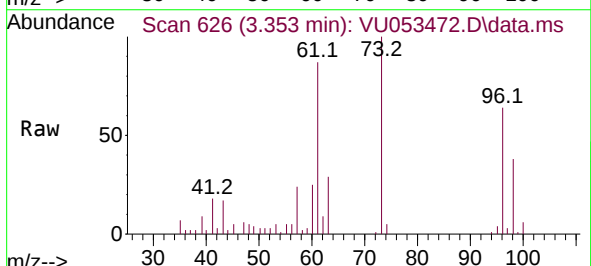
Manual Integrations
APPROVED

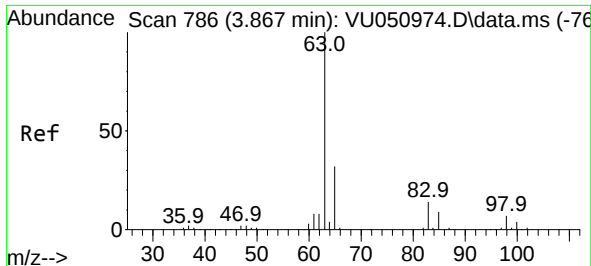
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#16
trans-1,2-Dichloroethene
Concen: 2.107 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

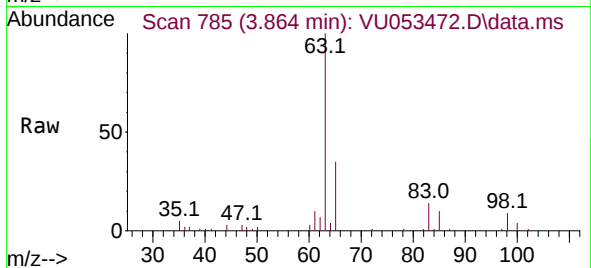
Tgt Ion: 96 Resp: 25117
Ion Ratio Lower Upper
96 100
61 135.5 117.5 176.3
98 58.6 48.3 72.5





#17
1,1-Dichloroethane
Concen: 2.137 ug/l
RT: 3.864 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

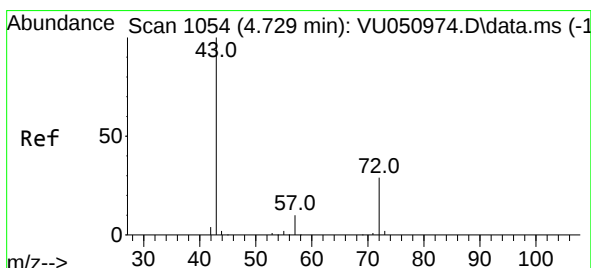
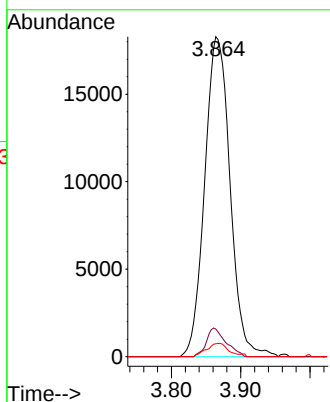
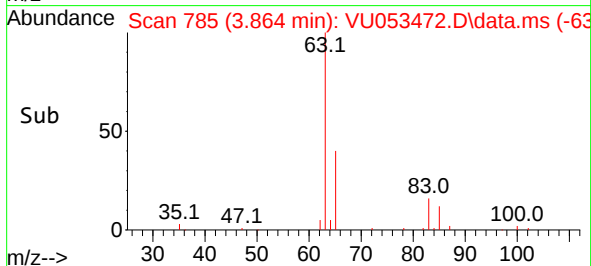
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01



Tgt Ion: 63 Resp: 4649
Ion Ratio Lower Upper
63 100
98 8.7 3.4 10.1
100 4.0 2.2 6.6

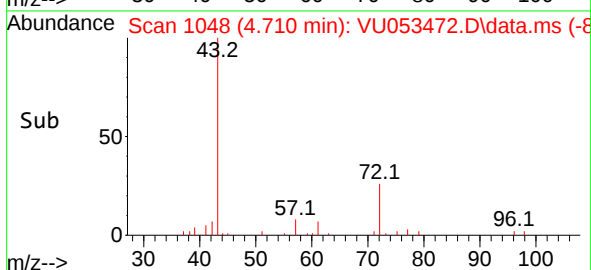
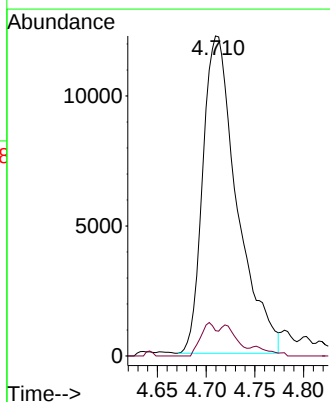
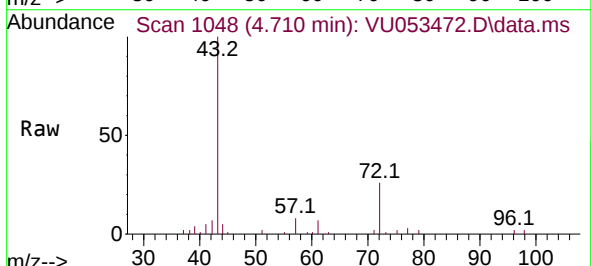
Manual Integrations
APPROVED

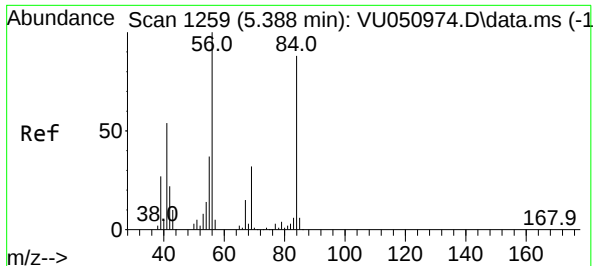
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#18
2-Butanone
Concen: 6.665 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. -0.019 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 43 Resp: 29823
Ion Ratio Lower Upper
43 100
57 8.0 0.0 19.6





#19

Cyclohexane

Concen: 2.028 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU053472.D

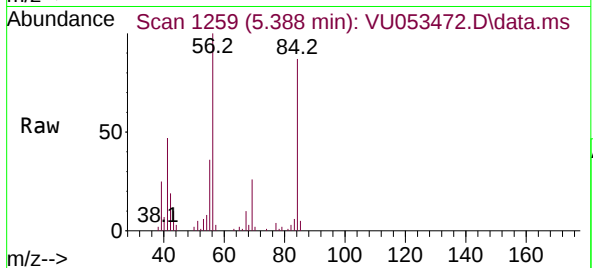
Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01



Tgt Ion: 56 Resp: 3634

Ion Ratio Lower Upper

56 100

69 33.6 24.6 37.0

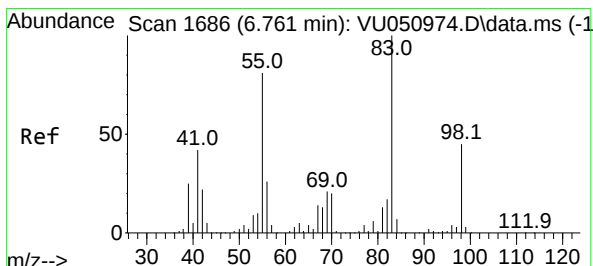
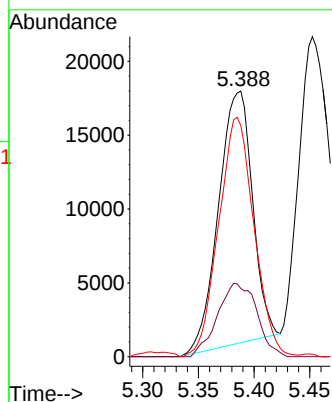
84 97.7 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#20

Methylcyclohexane

Concen: 2.027 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

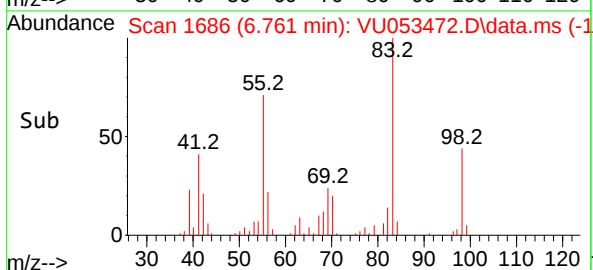
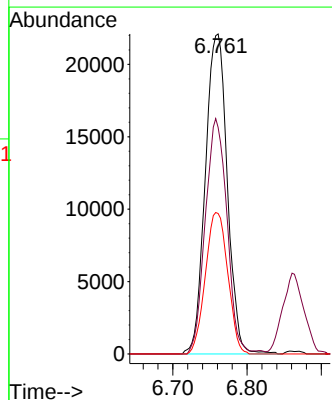
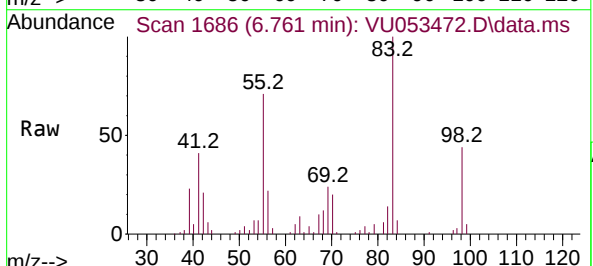
Tgt Ion: 83 Resp: 45364

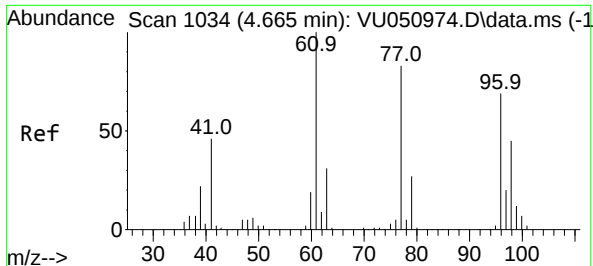
Ion Ratio Lower Upper

83 100

55 71.3 63.5 95.3

98 45.0 36.0 54.0





#21

2,2-Dichloropropane

Concen: 2.060 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

Tgt Ion: 77 Resp: 3836

Ion Ratio Lower Upper

77 100

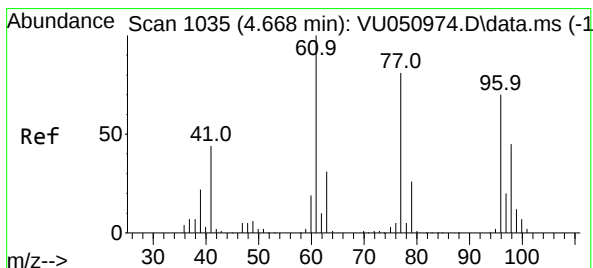
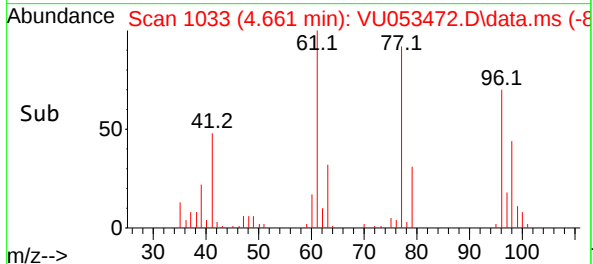
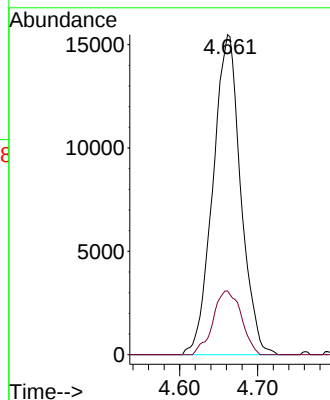
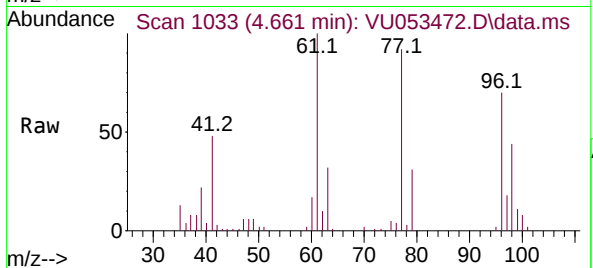
97 20.3 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#22

cis-1,2-Dichloroethene

Concen: 1.946 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.007 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

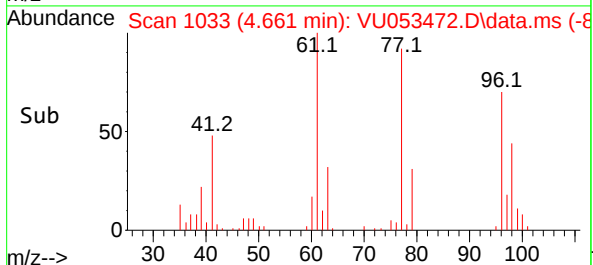
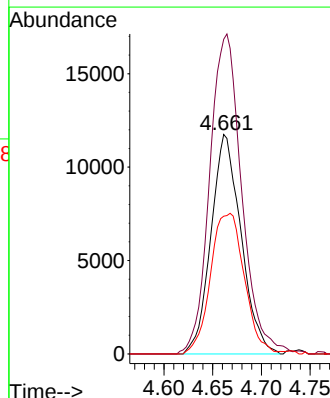
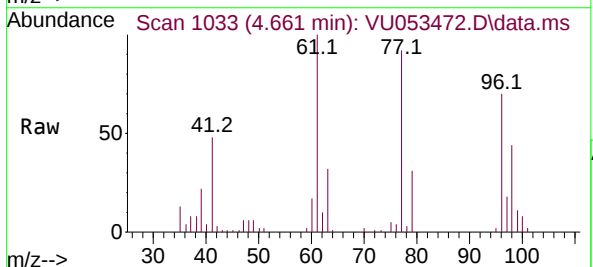
Tgt Ion: 96 Resp: 25208

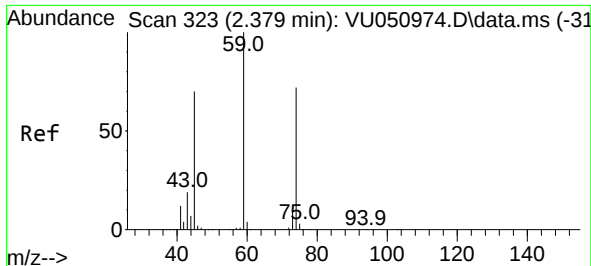
Ion Ratio Lower Upper

96 100

61 155.0 0.0 365.8

98 71.9 32.0 96.0





#23

Diethyl Ether

Concen: 1.970 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

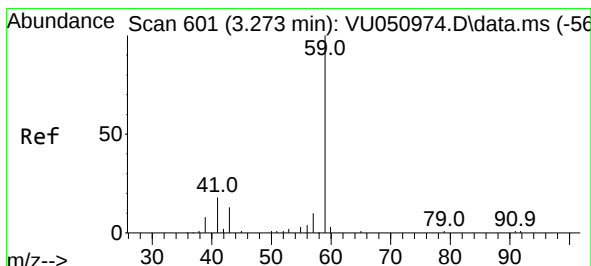
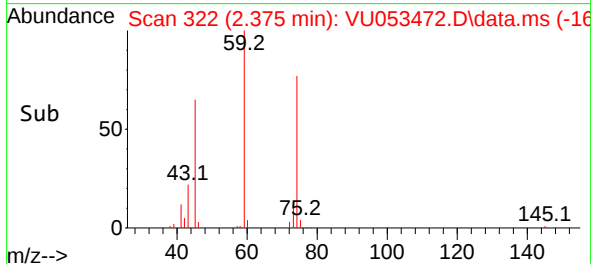
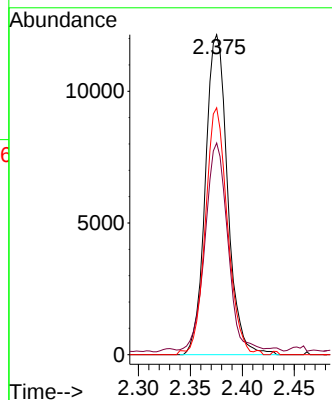
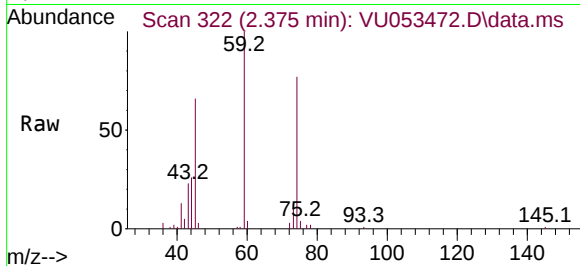
Tgt Ion: 59	Resp: 1804
Ion Ratio	Lower Upper
59 100	
45 65.3	56.1 84.1
74 76.8	57.4 86.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#24

tert-Butyl Alcohol

Concen: 20.854 ug/l m

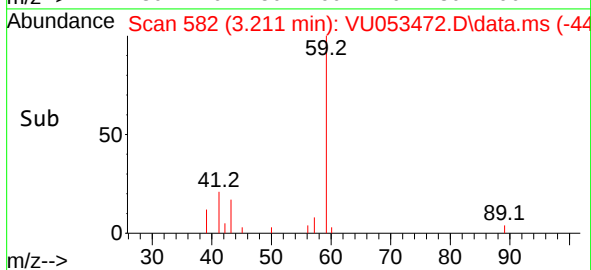
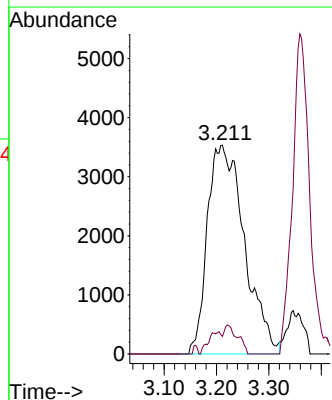
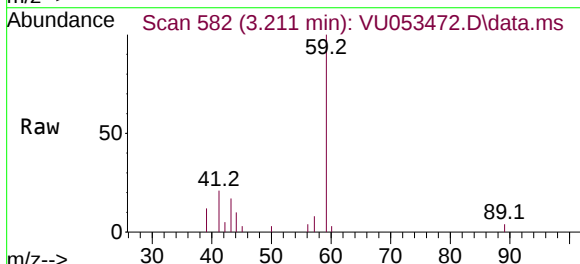
RT: 3.211 min Scan# 582

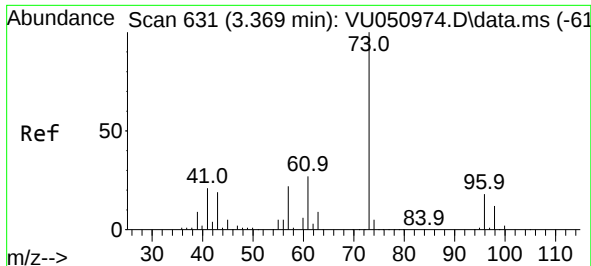
Delta R.T. -0.062 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

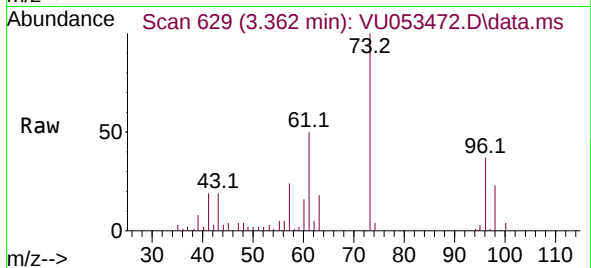
Tgt Ion: 59	Resp: 17362
Ion Ratio	Lower Upper
59 100	
57 3.9	105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 2.053 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

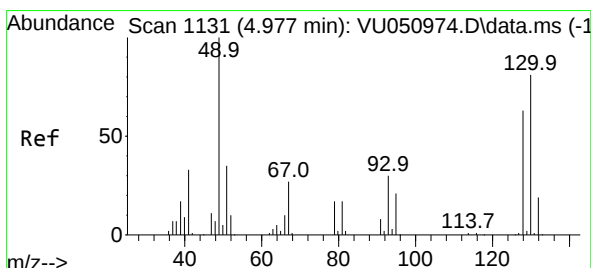
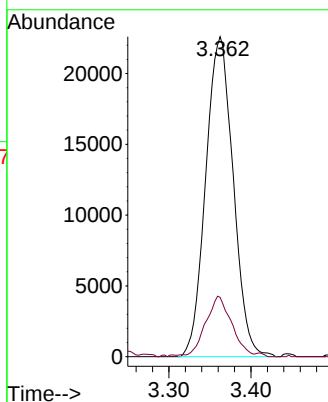
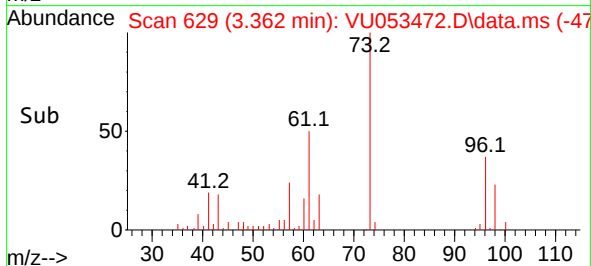
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01



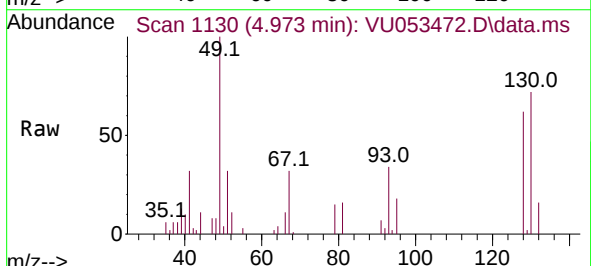
Tgt Ion: 73 Resp: 5251
Ion Ratio Lower Upper
73 100
43 17.3 15.0 22.6

Manual Integrations
APPROVED

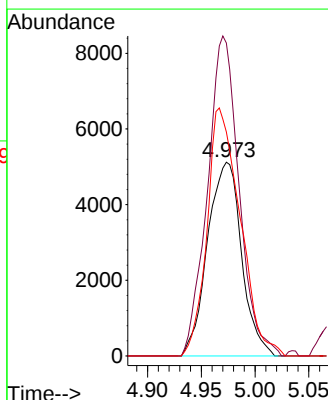
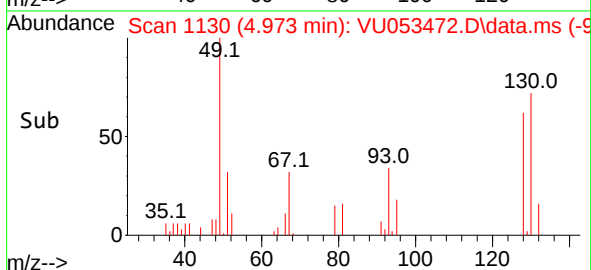
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

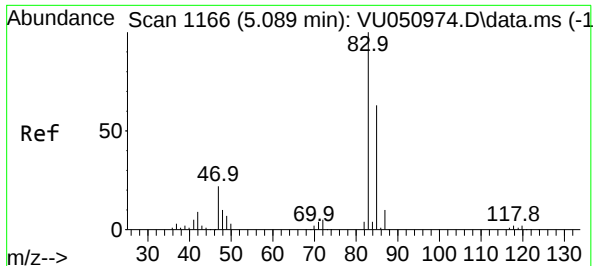


#26
Bromochloromethane
Concen: 2.155 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31



Tgt Ion:128 Resp: 11250
Ion Ratio Lower Upper
128 100
49 154.0 0.0 324.6
130 124.9 103.0 154.4





#27

Chloroform

Concen: 2.024 ug/l

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

Tgt Ion: 83 Resp: 45710

Ion Ratio Lower Upper

83 100

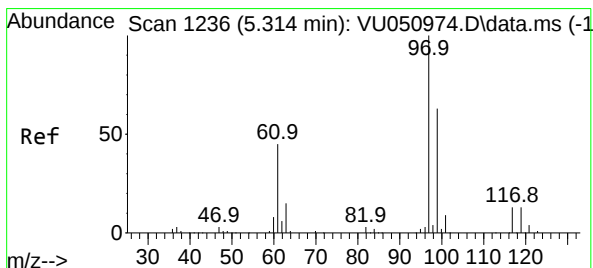
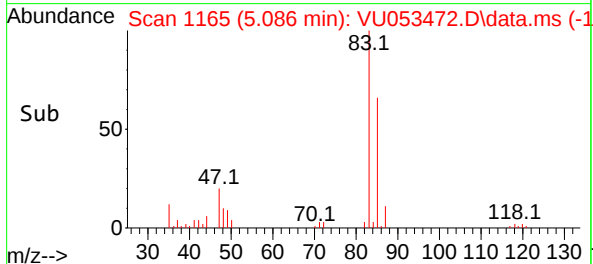
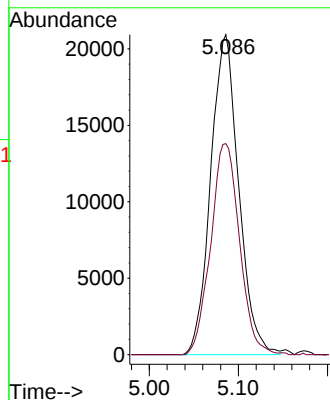
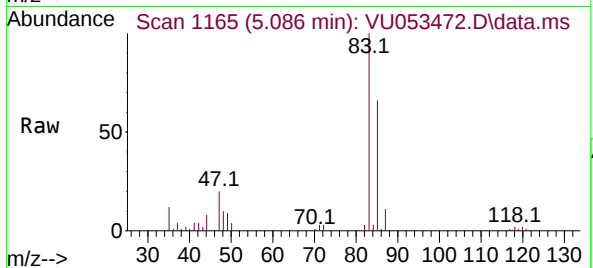
85 65.9 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#28

1,1,1-Trichloroethane

Concen: 2.010 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

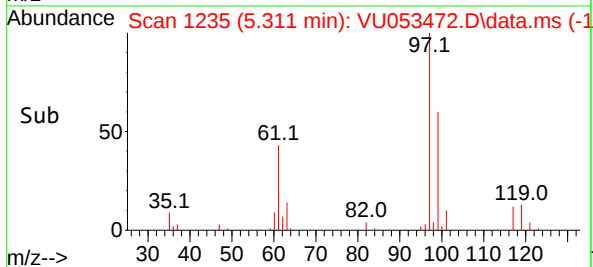
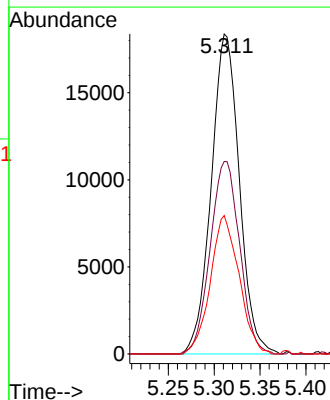
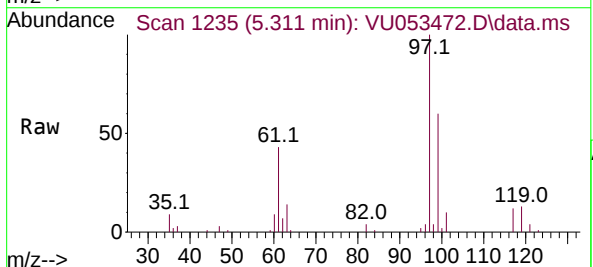
Tgt Ion: 97 Resp: 39141

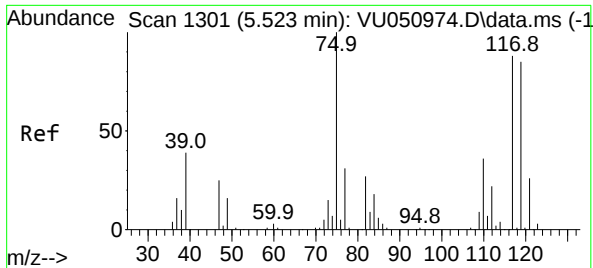
Ion Ratio Lower Upper

97 100

99 63.1 32.0 96.2

61 44.2 22.9 68.5





#29

1,1-Dichloropropene

Concen: 2.030 ug/l

RT: 5.520 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

Tgt Ion: 75 Resp: 3420

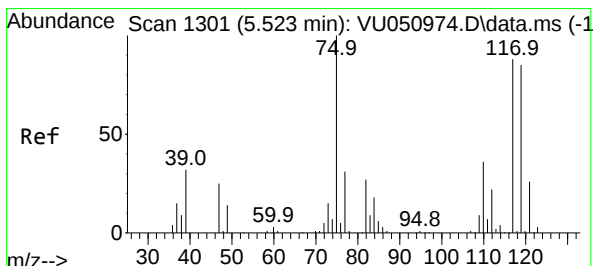
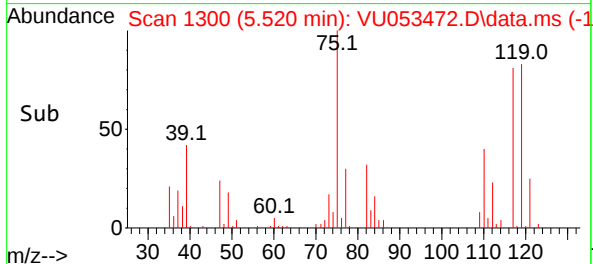
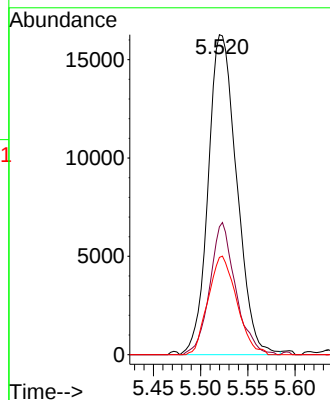
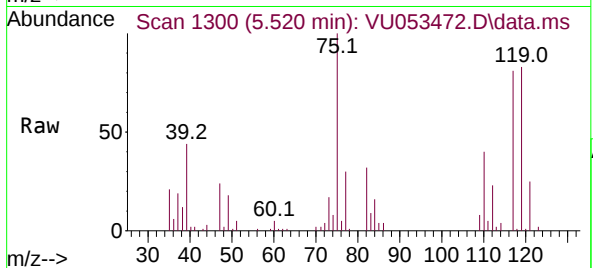
Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.0	54.0
77	30.8	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#30

Carbon Tetrachloride

Concen: 2.037 ug/l

RT: 5.520 min Scan# 1300

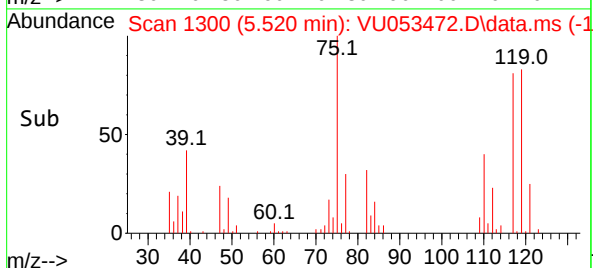
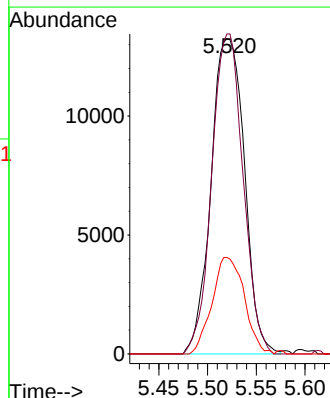
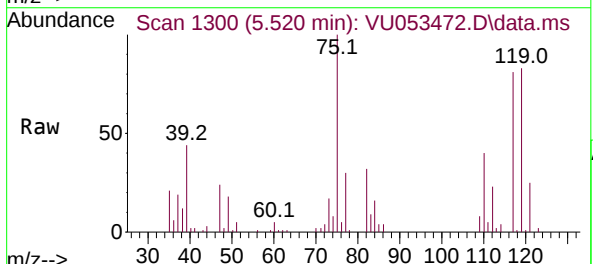
Delta R.T. -0.003 min

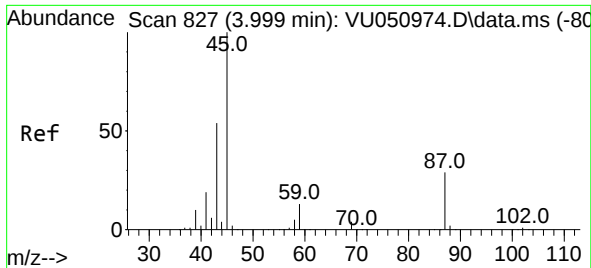
Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Tgt Ion:117 Resp: 31579

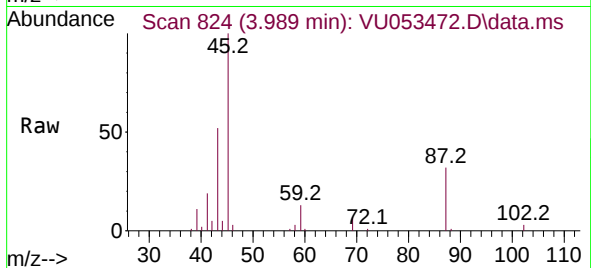
Ion	Ratio	Lower	Upper
117	100		
119	101.5	77.4	116.0
121	30.6	24.0	36.0





#31
Isopropyl Ether
Concen: 2.062 ug/l
RT: 3.989 min Scan# 81
Delta R.T. -0.010 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

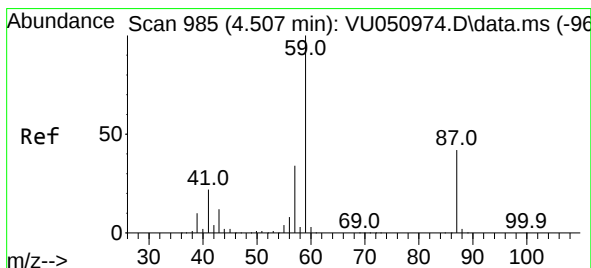
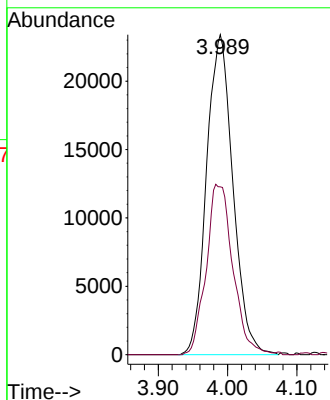
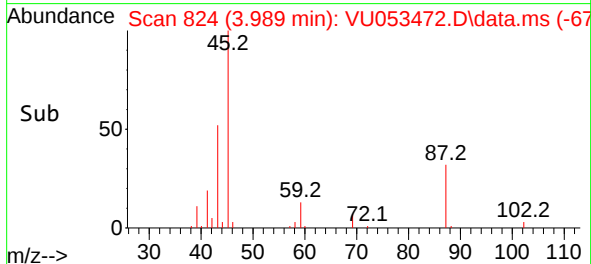
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01



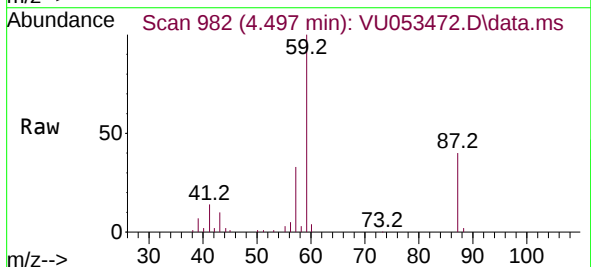
Tgt Ion: 45 Resp: 6173
Ion Ratio Lower Upper
45 100
43 53.9 27.5 82.5

Manual Integrations
APPROVED

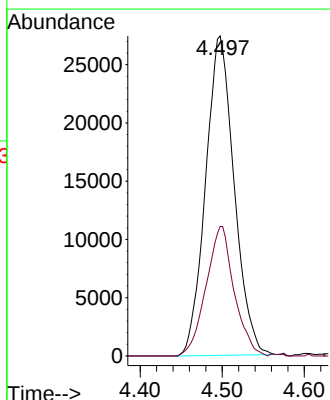
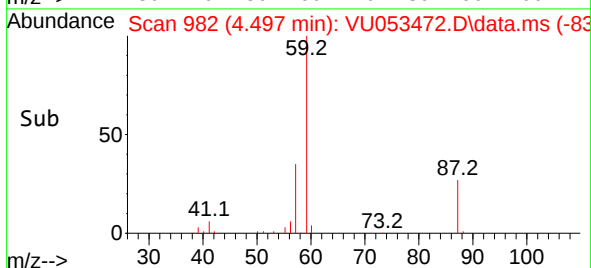
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

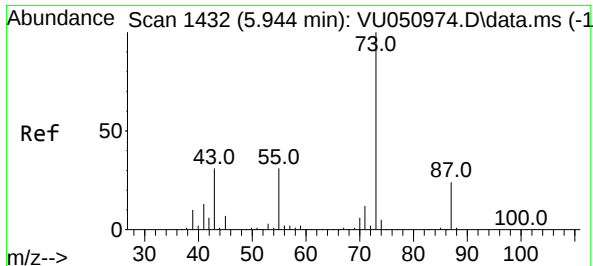


#32
Ethyl-t-butyl ether
Concen: 2.163 ug/l
RT: 4.497 min Scan# 982
Delta R.T. -0.010 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31



Tgt Ion: 59 Resp: 66517
Ion Ratio Lower Upper
59 100
87 39.8 33.5 50.3





#33

Tert-Amyl methyl ether

Concen: 2.098 ug/l

RT: 5.935 min Scan# 1432

Delta R.T. -0.010 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

Tgt Ion: 73 Resp: 5735

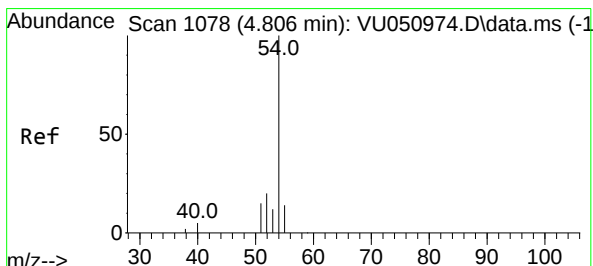
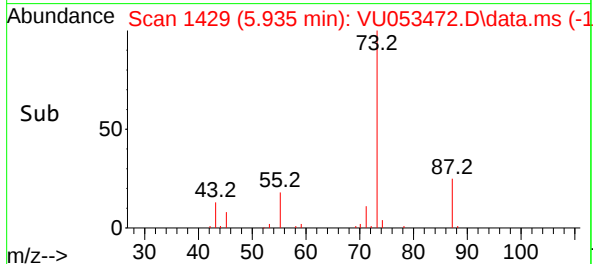
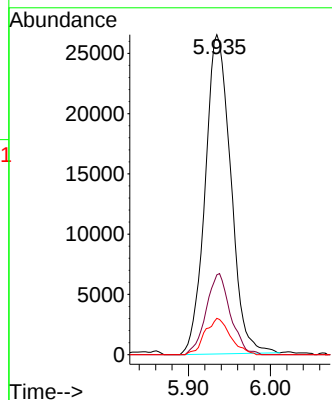
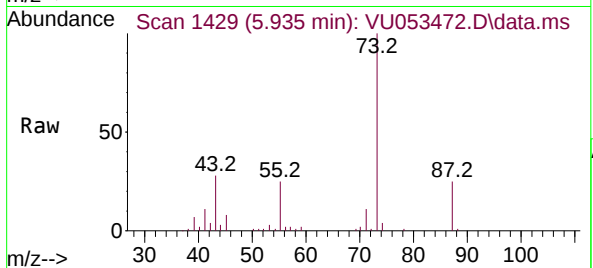
Ion	Ratio	Lower	Upper
73	100		
87	24.1	18.6	28.0
71	11.3	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#34

Propionitrile

Concen: 10.623 ug/l m

RT: 4.787 min Scan# 1072

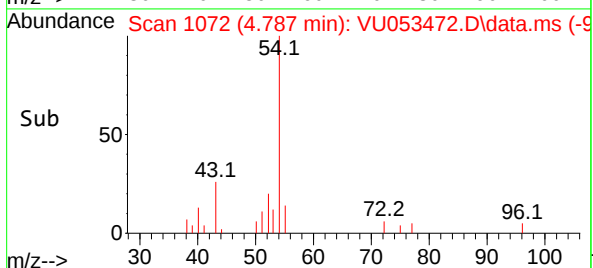
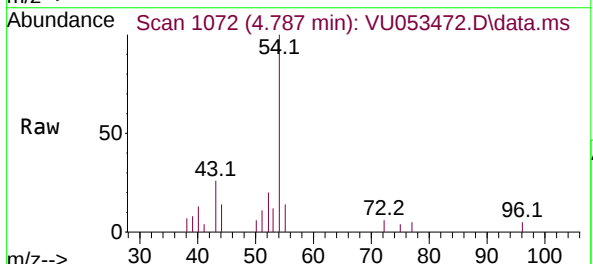
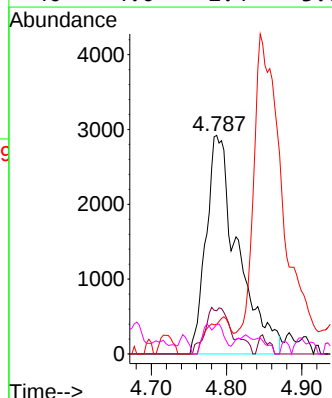
Delta R.T. -0.019 min

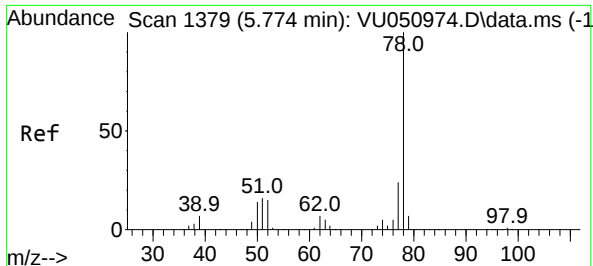
Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Tgt Ion: 54 Resp: 8536

Ion	Ratio	Lower	Upper
54	100		
52	8.1	17.4	26.0#
55	12.2	104.1	156.1#
40	4.0	2.4	3.6#





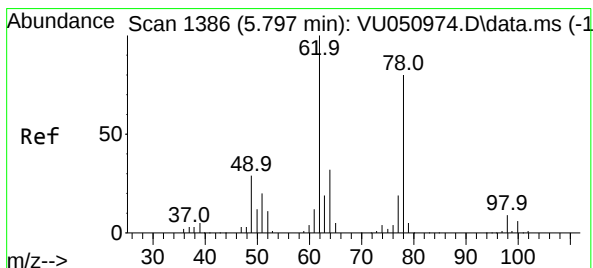
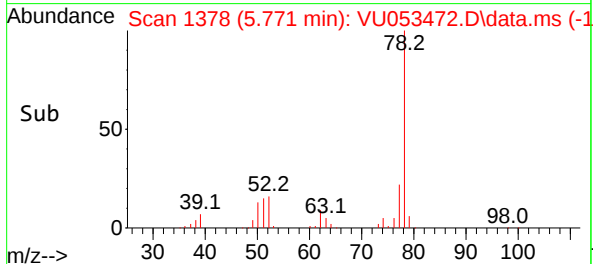
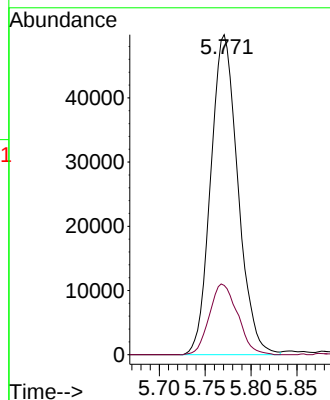
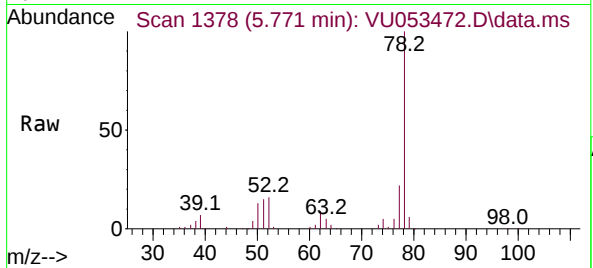
#35
Benzene
Concen: 2.086 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 78 Resp: 102849
Ion Ratio Lower Upper
78 100
77 21.7 18.9 28.3

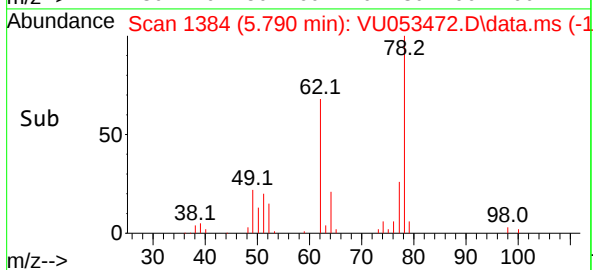
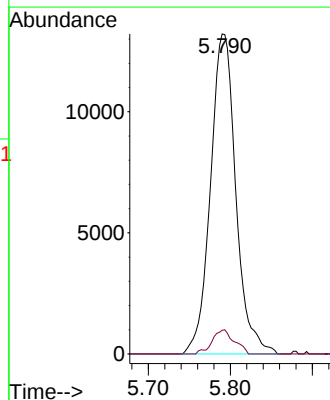
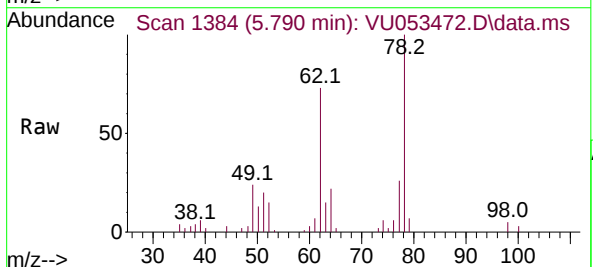
Manual Integrations
APPROVED

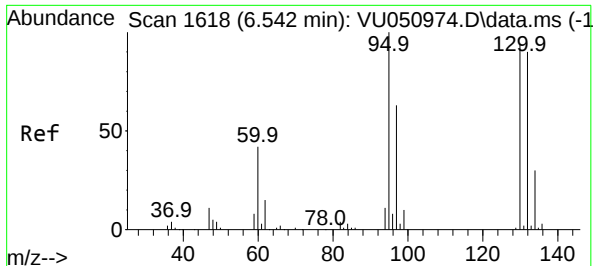
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#36
1,2-Dichloroethane
Concen: 2.007 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.007 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

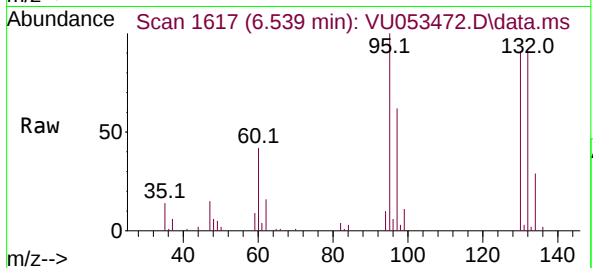
Tgt Ion: 62 Resp: 28420
Ion Ratio Lower Upper
62 100
98 6.6 7.3 10.9#





#37
 Trichloroethene
 Concen: 2.060 ug/l
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: VU053472.D
 Acq: 29 Mar 2023 18:31

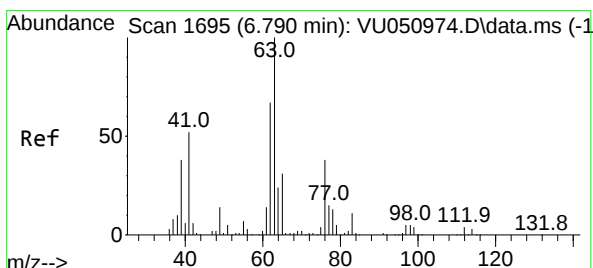
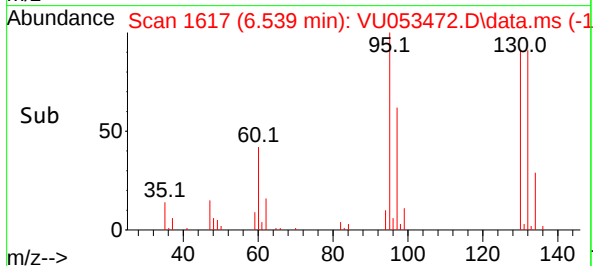
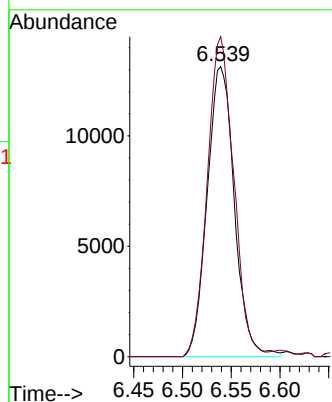
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0329WBSD01



Tgt Ion:130 Resp: 25534
 Ion Ratio Lower Upper
 130 100
 95 110.2 85.0 127.6

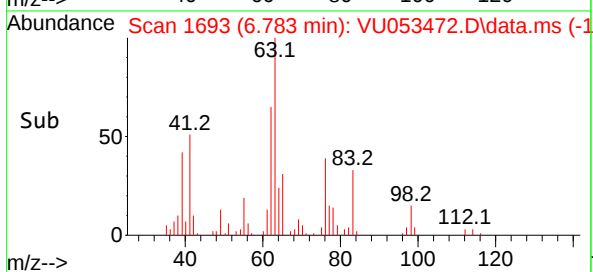
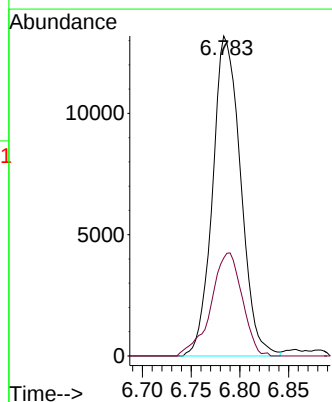
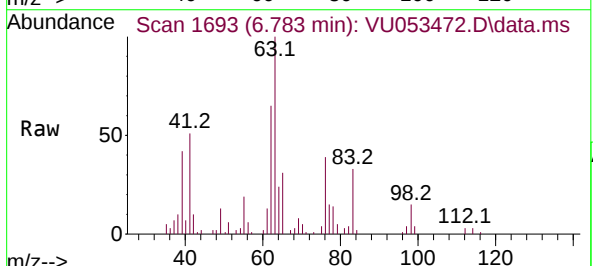
Manual Integrations
 APPROVED

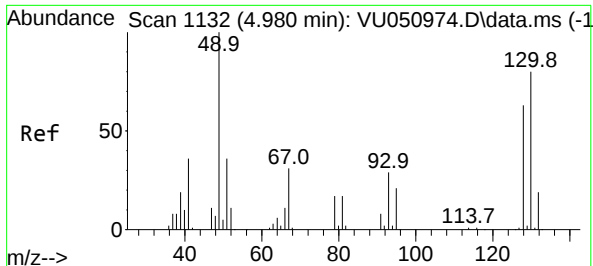
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#38
 1,2-Dichloropropane
 Concen: 2.091 ug/l
 RT: 6.783 min Scan# 1693
 Delta R.T. -0.007 min
 Lab File: VU053472.D
 Acq: 29 Mar 2023 18:31

Tgt Ion: 63 Resp: 26411
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.9 37.3





#39

Methacrylonitrile

Concen: 1.935 ug/l

RT: 4.970 min Scan# 1132

Delta R.T. -0.010 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

Tgt Ion: 41 Resp: 5958

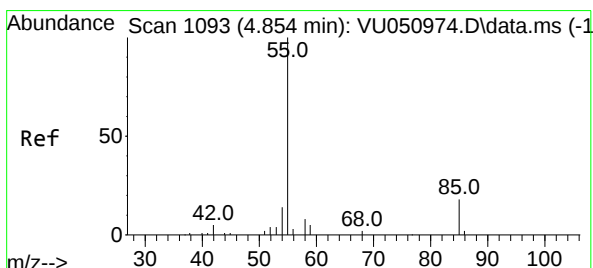
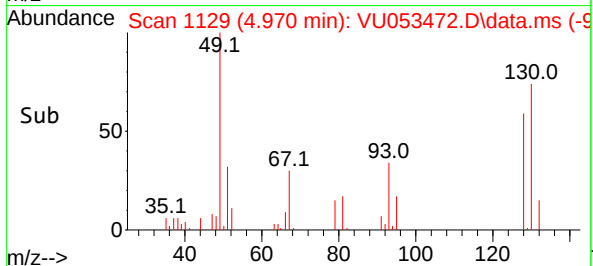
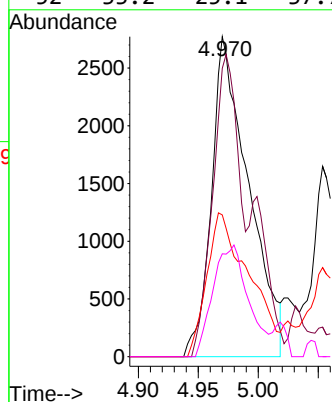
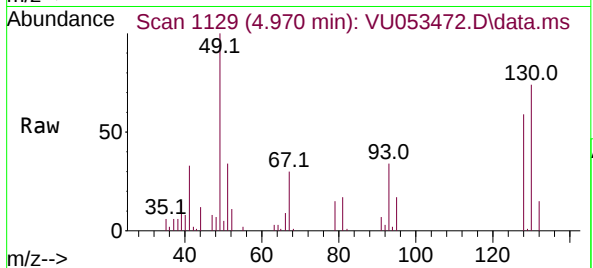
Ion	Ratio	Lower	Upper
41	100		
67	67.1	66.8	100.2
39	51.5	41.2	61.8
52	33.2	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

Methyl acrylate

Concen: 1.853 ug/l

RT: 4.845 min Scan# 1090

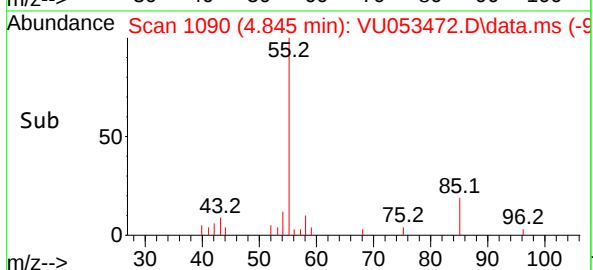
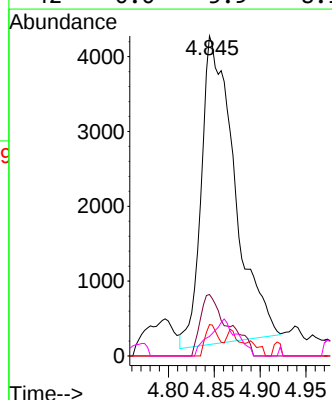
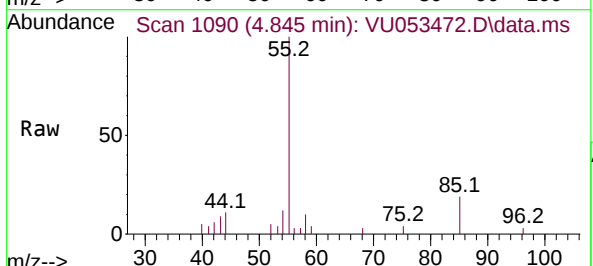
Delta R.T. -0.010 min

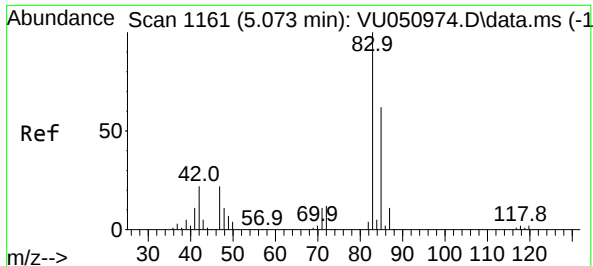
Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Tgt Ion: 55 Resp: 10345

Ion	Ratio	Lower	Upper
55	100		
85	16.8	13.3	19.9
58	4.2	6.5	9.7#
42	0.0	5.9	8.9#





#41

Tetrahydrofuran

Concen: 3.666 ug/l

RT: 5.057 min Scan# 1161

Delta R.T. -0.016 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

Tgt Ion: 42 Resp: 589

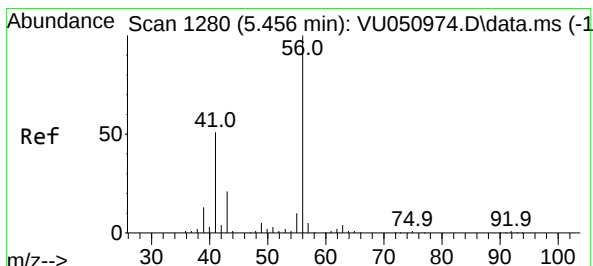
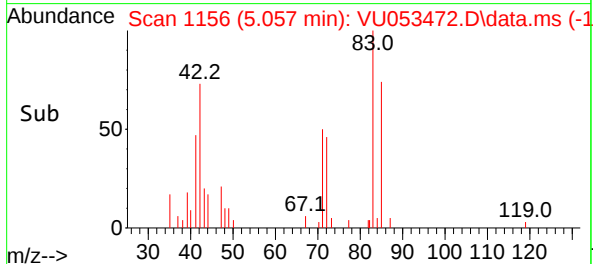
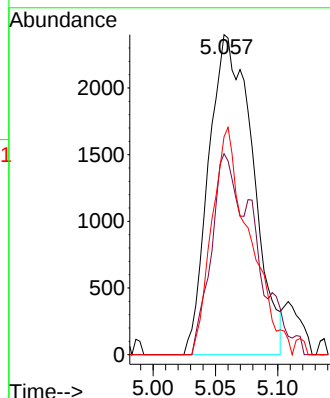
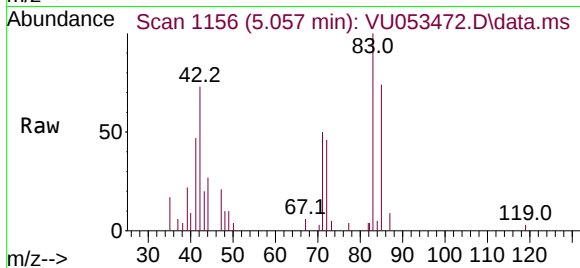
Ion	Ratio	Lower	Upper
42	100		
72	40.5	40.9	61.3
71	60.5	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#42

1-Chlorobutane

Concen: 2.016 ug/l

RT: 5.452 min Scan# 1279

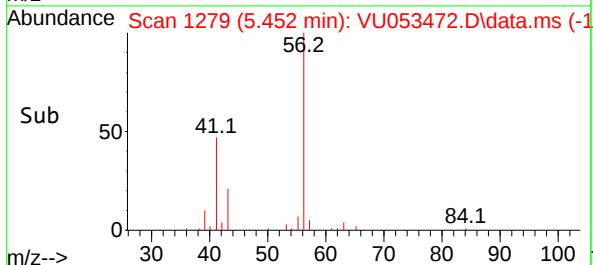
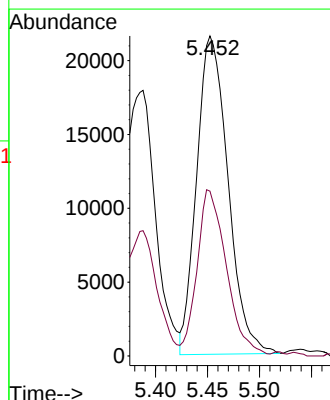
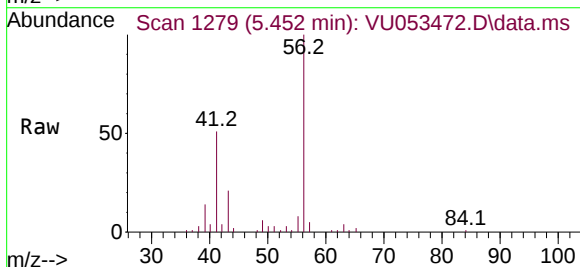
Delta R.T. -0.003 min

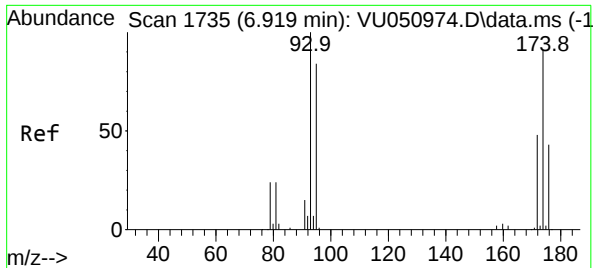
Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Tgt Ion: 56 Resp: 45186

Ion	Ratio	Lower	Upper
56	100		
41	47.8	25.2	75.6





#43

Dibromomethane

Concen: 2.096 ug/l

RT: 6.915 min Scan# 1735

Delta R.T. -0.003 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

Tgt Ion: 93 Resp: 12614

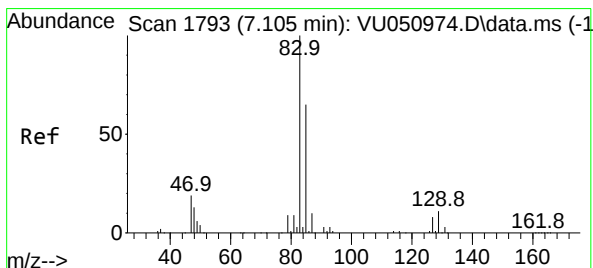
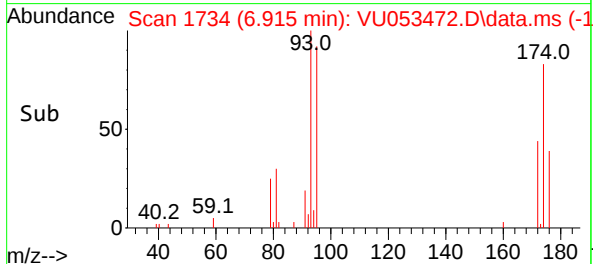
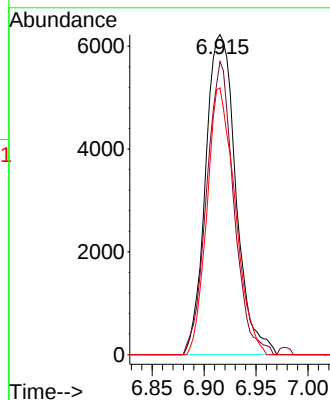
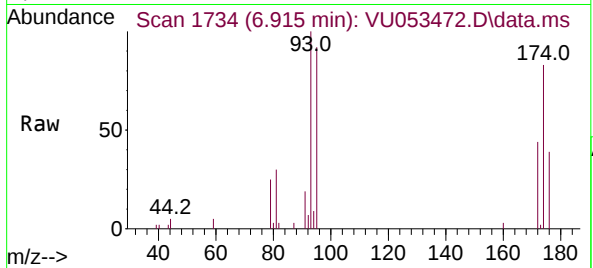
Ion	Ratio	Lower	Upper
93	100		
95	82.4	67.0	100.6
174	77.5	73.8	110.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#44

Bromodichloromethane

Concen: 1.986 ug/l

RT: 7.099 min Scan# 1791

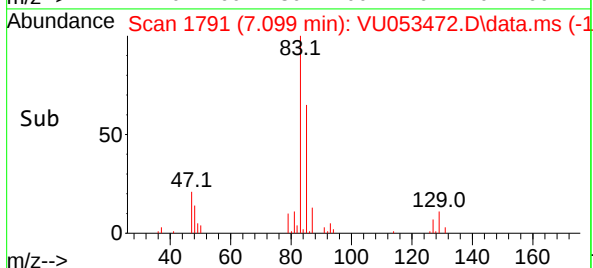
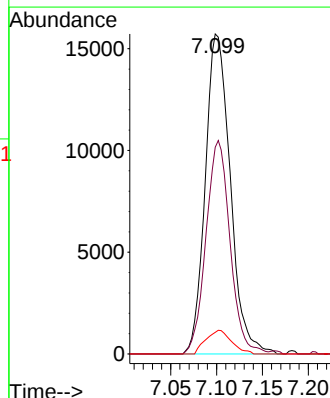
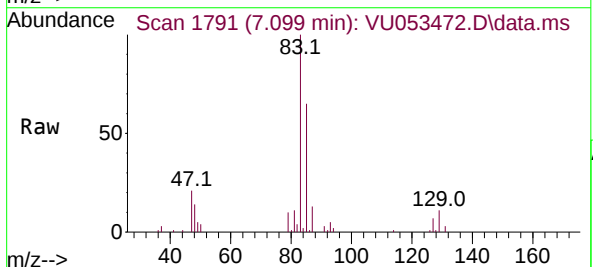
Delta R.T. -0.007 min

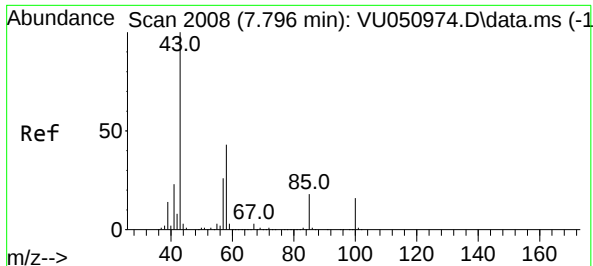
Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Tgt Ion: 83 Resp: 29877

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.9	77.9
127	6.8	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 9.859 ug/l

RT: 7.787 min Scan# 2008

Delta R.T. -0.010 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

Tgt Ion: 43 Resp: 61538

Ion Ratio Lower Upper

43 100

58 44.5 20.9 62.8

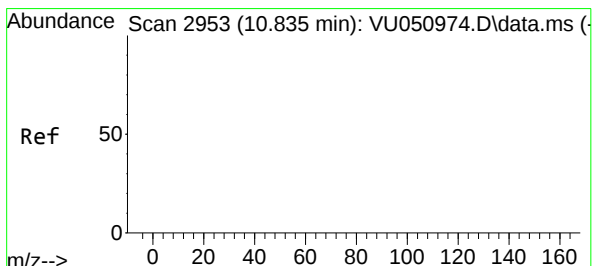
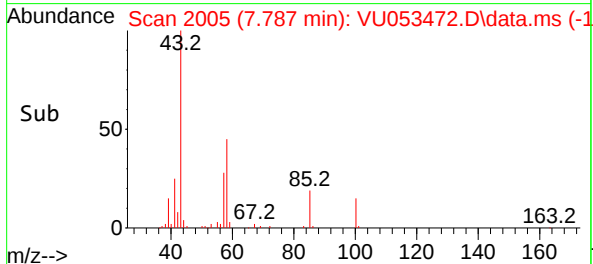
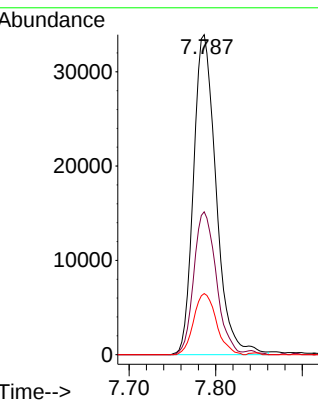
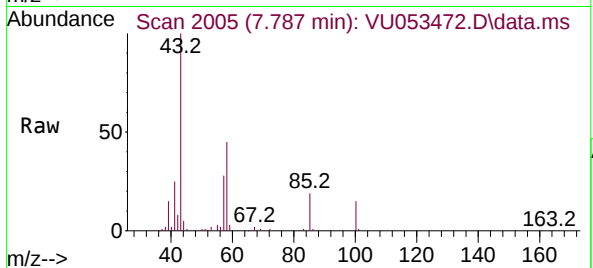
85 19.2 14.6 21.8

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: 4.074 ug/l m

RT: 10.825 min Scan# 2950

Delta R.T. -0.010 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Tgt Ion: 75 Resp: 13075

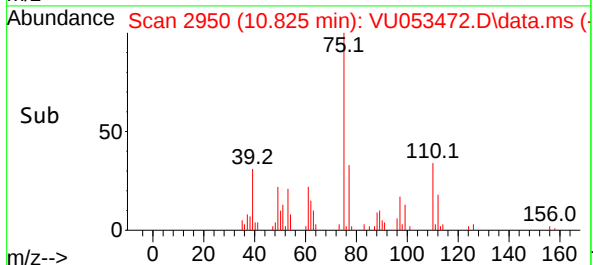
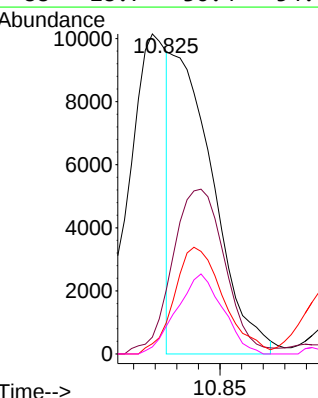
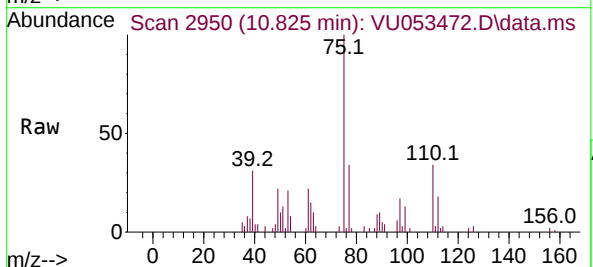
Ion Ratio Lower Upper

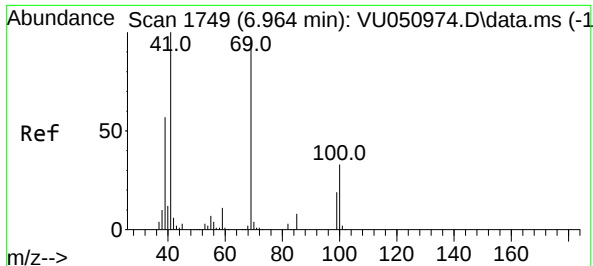
75 100

53 67.8 73.3 109.9#

89 41.0 48.2 72.4#

88 28.7 36.4 54.6#





#47

Methyl methacrylate

Concen: 3.903 ug/l

RT: 6.957 min Scan# 11

Delta R.T. -0.007 min

Lab File: VU053472.D

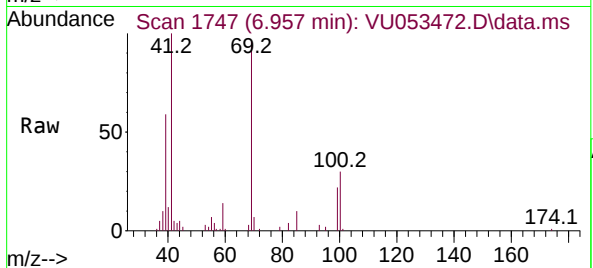
Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01



Tgt Ion: 69 Resp: 21590

Ion Ratio Lower Upper

69 100

41 102.4 0.0 209.2

39 59.2 46.7 70.1

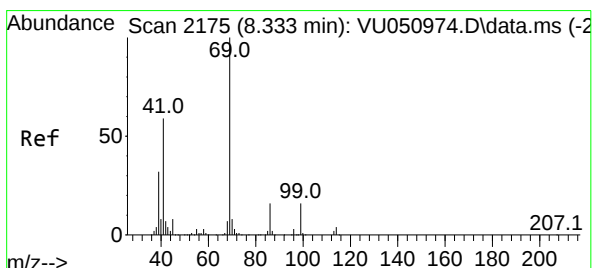
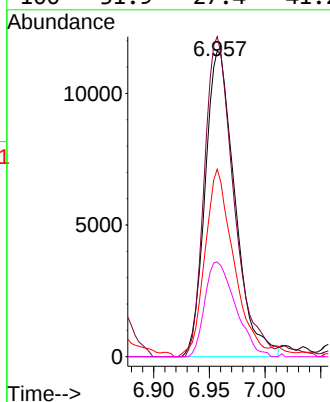
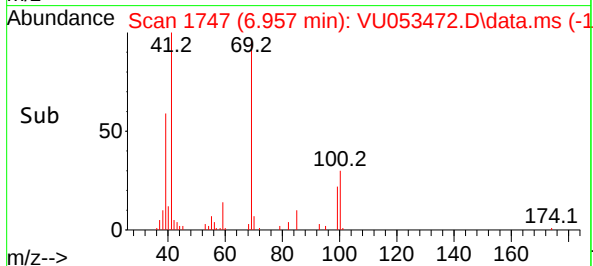
100 31.9 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#48

Ethyl methacrylate

Concen: 1.910 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VU053472.D

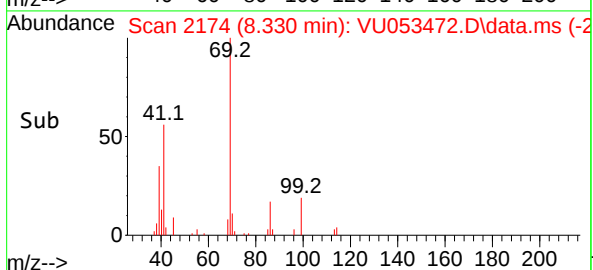
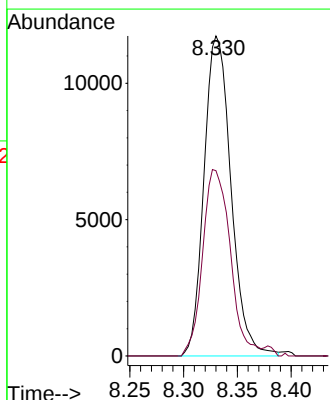
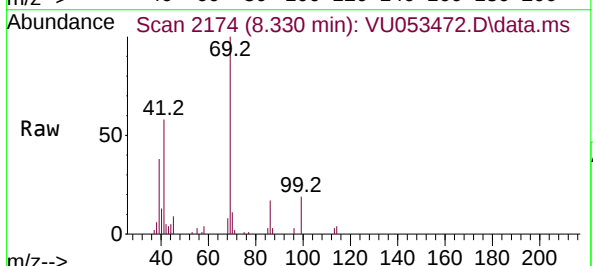
Acq: 29 Mar 2023 18:31

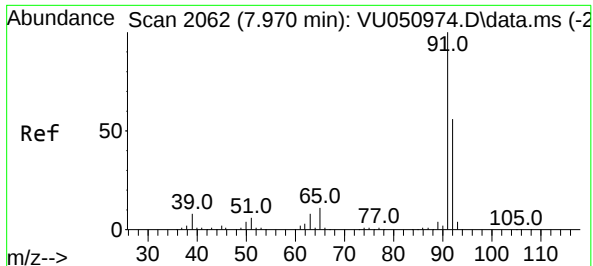
Tgt Ion: 69 Resp: 20496

Ion Ratio Lower Upper

69 100

41 59.6 30.3 90.8





#49

Toluene

Concen: 1.961 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

Tgt Ion: 92 Resp: 5925

Ion Ratio Lower Upper

92 100

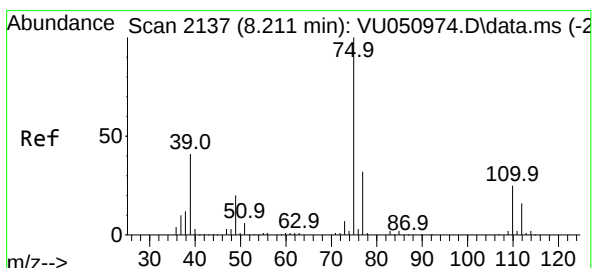
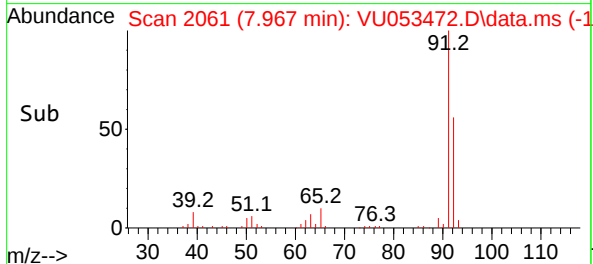
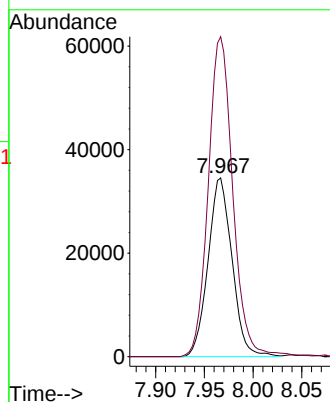
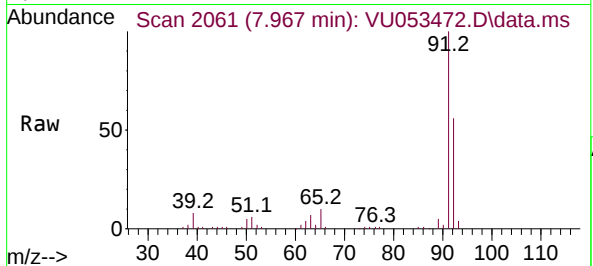
91 183.1 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#50

t-1,3-Dichloropropene

Concen: 2.086 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU053472.D

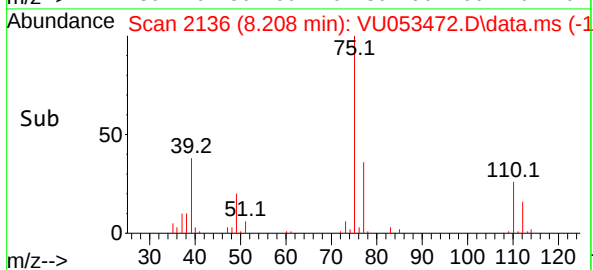
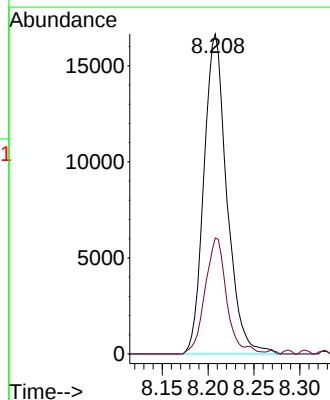
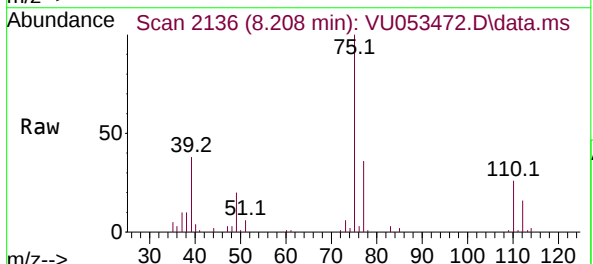
Acq: 29 Mar 2023 18:31

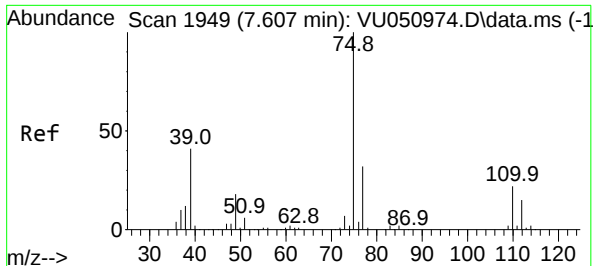
Tgt Ion: 75 Resp: 29068

Ion Ratio Lower Upper

75 100

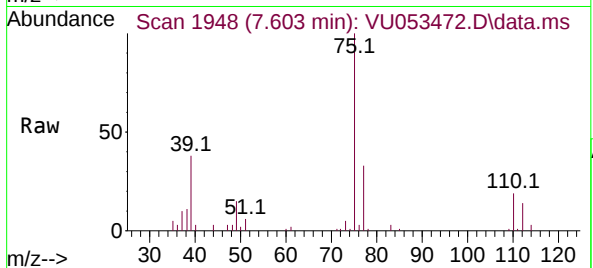
77 36.3 25.3 37.9





#51
cis-1,3-Dichloropropene
Concen: 2.031 ug/l
RT: 7.603 min Scan# 1948
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

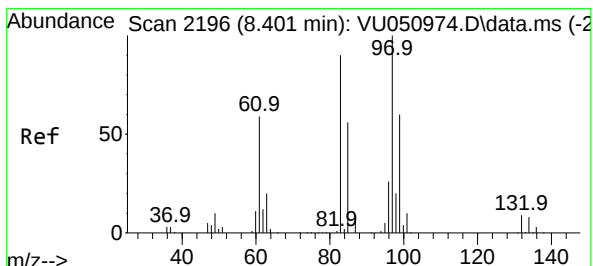
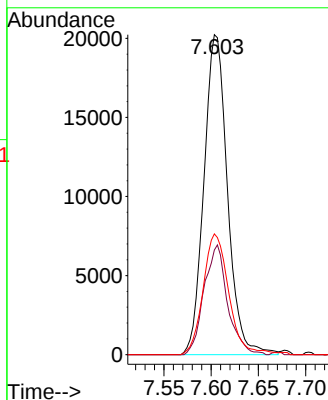
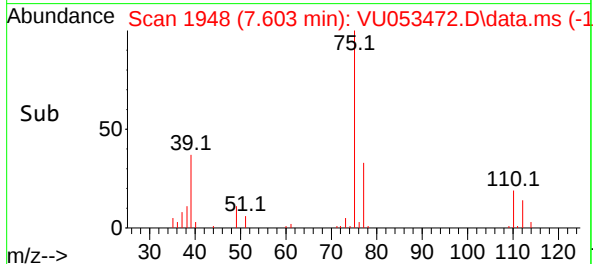
Instrument : MSVOA_U
ClientSampleId : VU0329WBSD01



Tgt Ion: 75 Resp: 3505
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
39 37.8 32.8 49.2

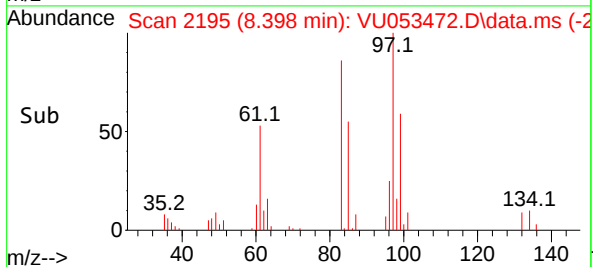
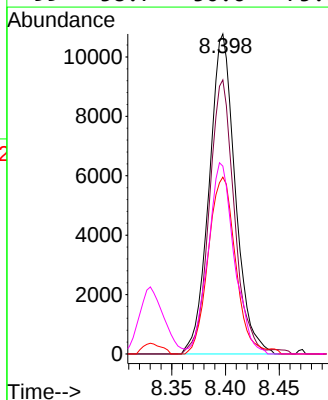
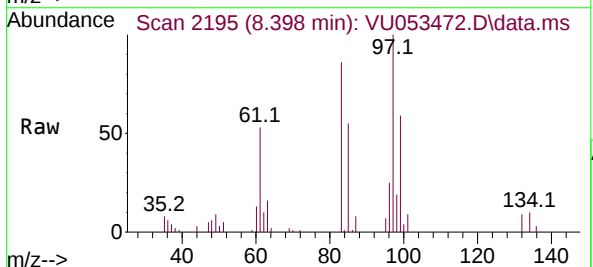
Manual Integrations
APPROVED

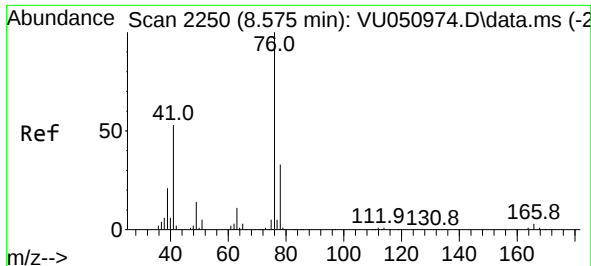
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#52
1,1,2-Trichloroethane
Concen: 2.088 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 97 Resp: 18215
Ion Ratio Lower Upper
97 100
83 85.7 71.8 107.8
85 55.3 45.2 67.8
99 58.7 50.6 75.8





#53

1,3-Dichloropropane

Concen: 2.181 ug/l

RT: 8.571 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

Tgt Ion: 76 Resp: 3282

Ion Ratio Lower Upper

76 100

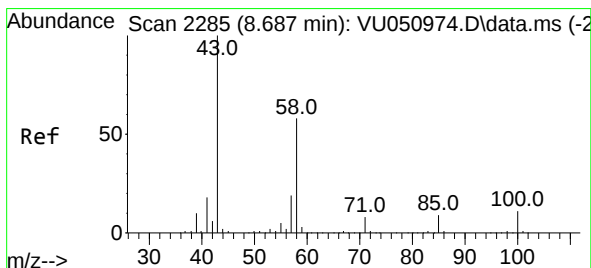
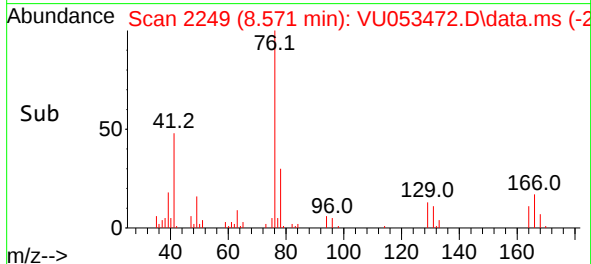
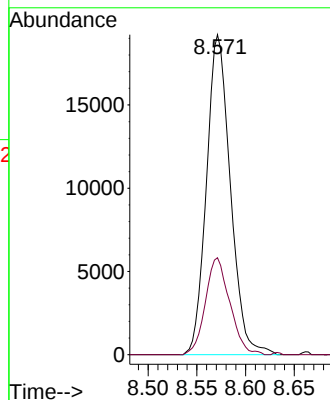
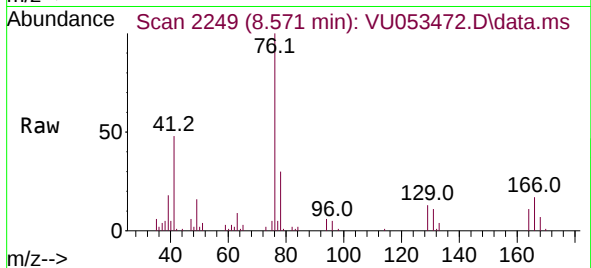
78 30.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#54

2-Hexanone

Concen: 6.970 ug/l

RT: 8.680 min Scan# 2283

Delta R.T. -0.007 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

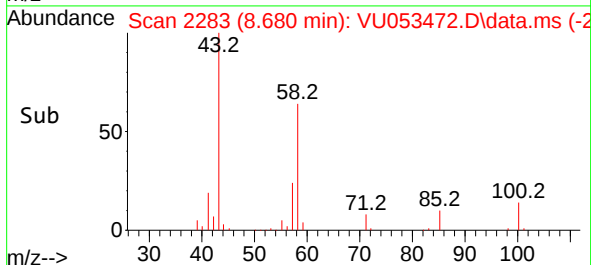
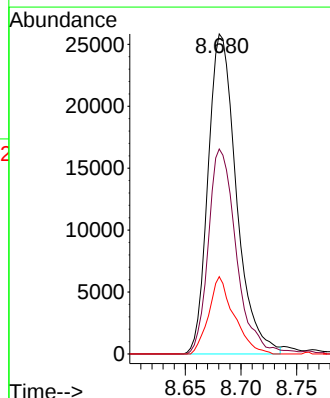
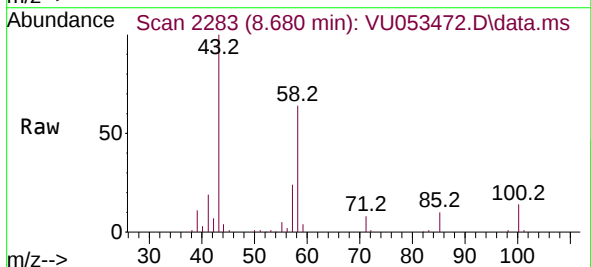
Tgt Ion: 43 Resp: 45644

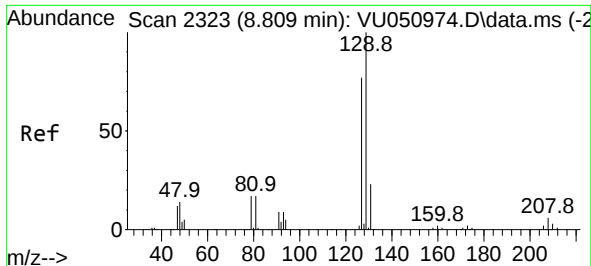
Ion Ratio Lower Upper

43 100

58 63.2 38.2 78.2

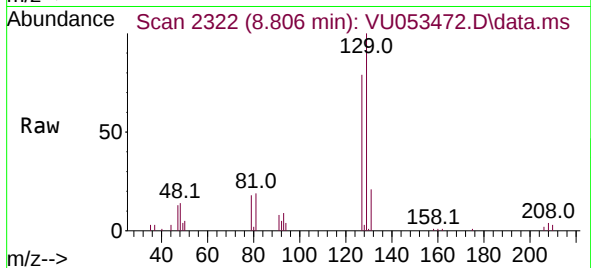
57 21.6 0.0 39.1





#55
Dibromochloromethane
Concen: 2.001 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

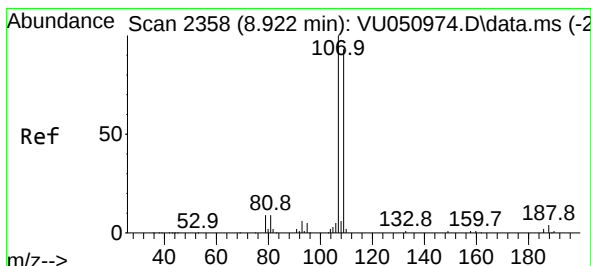
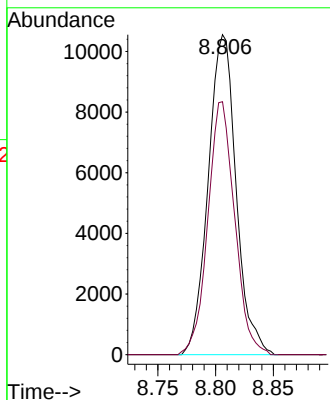
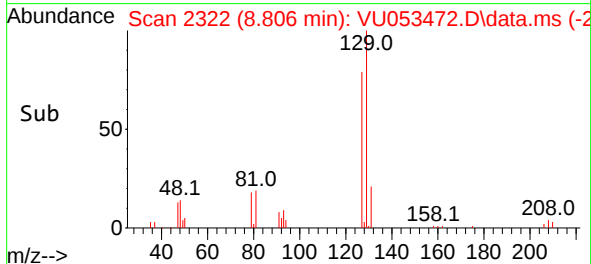
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01



Tgt Ion:129 Resp: 17772
Ion Ratio Lower Upper
129 100
127 75.8 61.4 92.0

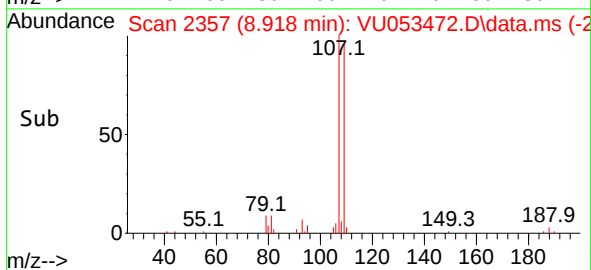
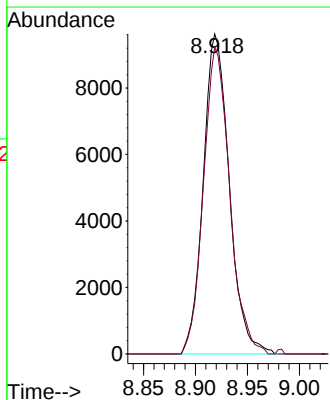
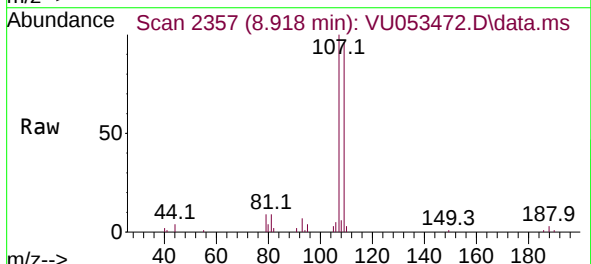
Manual Integrations
APPROVED

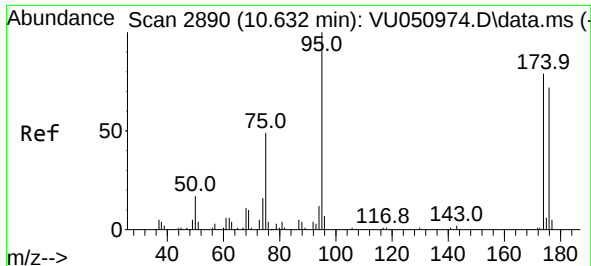
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#56
1,2-Dibromoethane
Concen: 2.085 ug/l
RT: 8.918 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

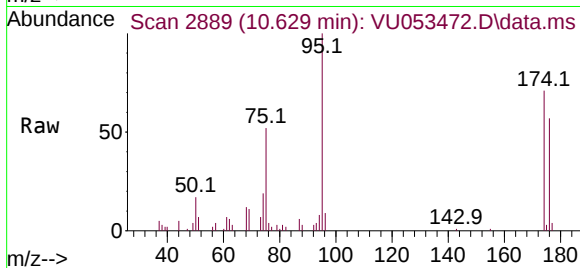
Tgt Ion:107 Resp: 16760
Ion Ratio Lower Upper
107 100
109 96.4 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.943 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

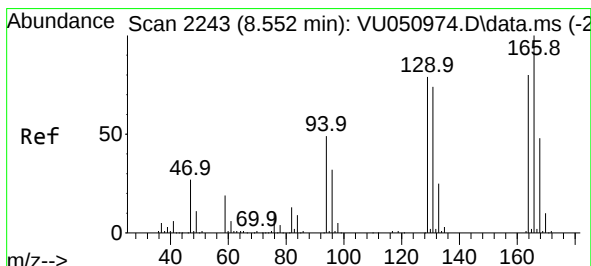
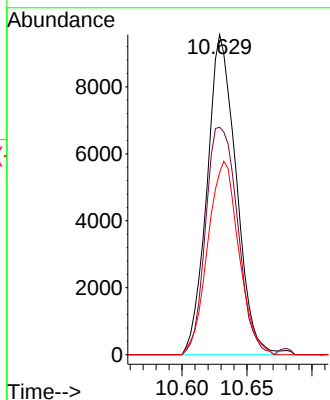
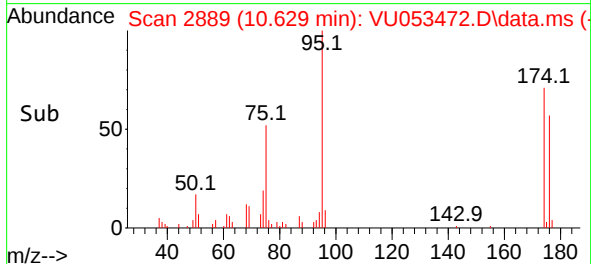
Instrument : MSVOA_U
ClientSampleId : VU0329WBSD01



Tgt Ion: 95 Resp: 1487
Ion Ratio Lower Upper
95 100
174 77.9 63.3 94.9
176 64.7 59.3 88.9

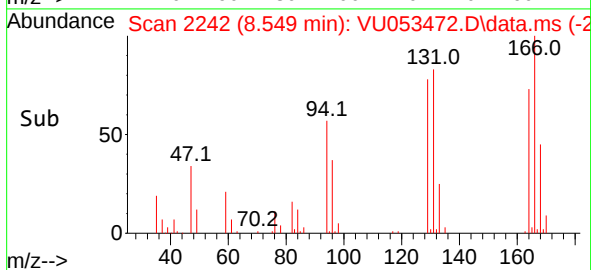
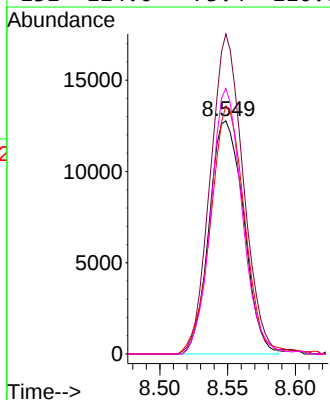
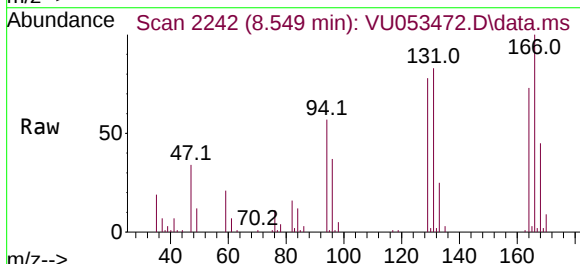
Manual Integrations
APPROVED

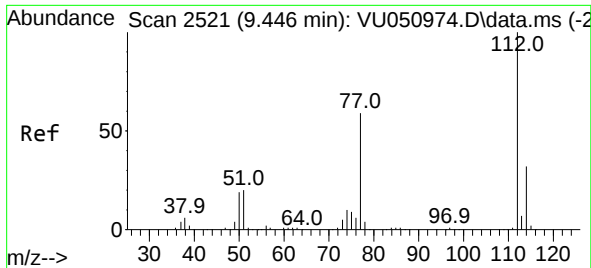
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#58
Tetrachloroethene
Concen: 1.943 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:164 Resp: 22523
Ion Ratio Lower Upper
164 100
166 137.3 99.6 149.4
129 106.4 78.6 117.8
131 114.0 73.4 110.0#





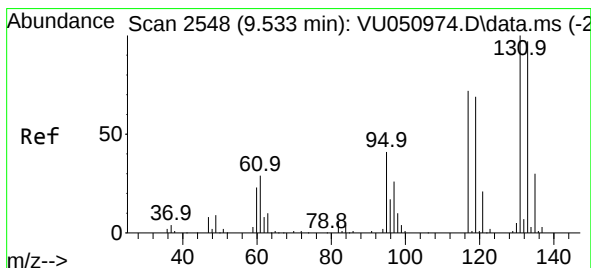
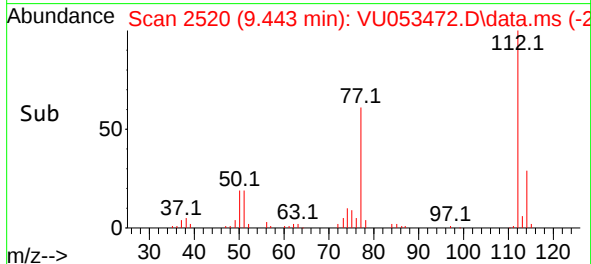
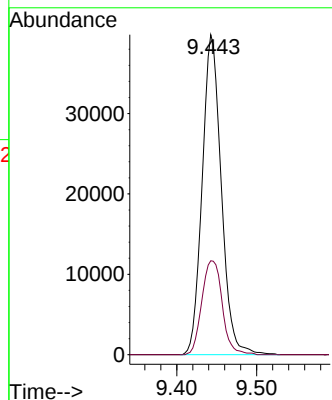
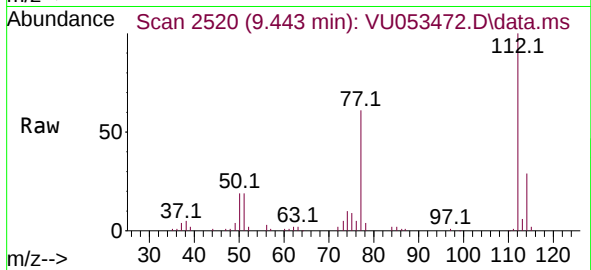
#59
Chlorobenzene
Concen: 1.992 ug/l
RT: 9.443 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:112 Resp: 6625
Ion Ratio Lower Upper
112 100
114 29.4 25.6 38.4

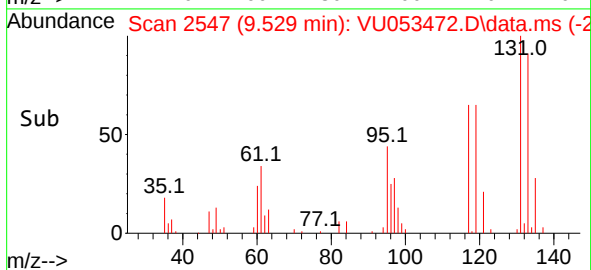
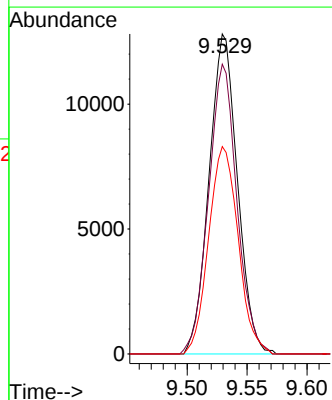
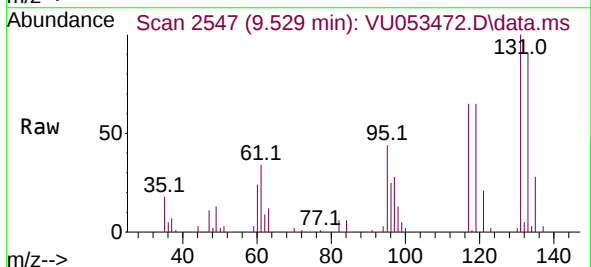
Manual Integrations
APPROVED

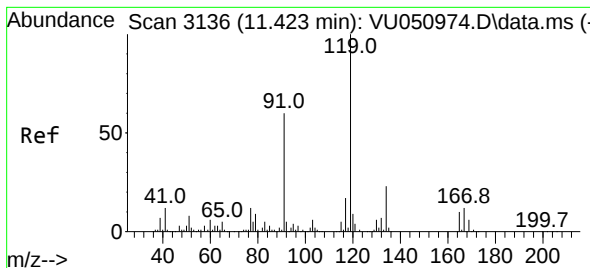
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 2.083 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:131 Resp: 21063
Ion Ratio Lower Upper
131 100
133 90.9 77.8 116.6
119 67.5 55.2 82.8





#61

Pentachloroethane

Concen: 2.075 ug/l

RT: 11.426 min Scan# 3136

Delta R.T. 0.003 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

Tgt Ion:117 Resp: 1474

Ion Ratio Lower Upper

117 100

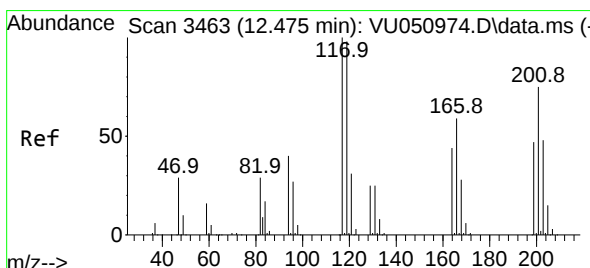
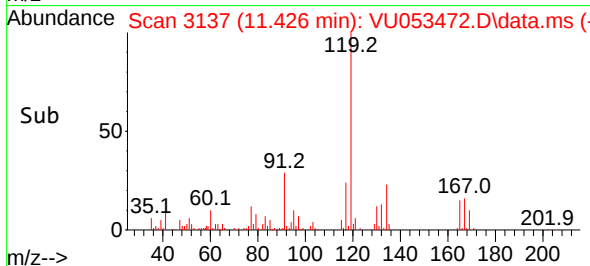
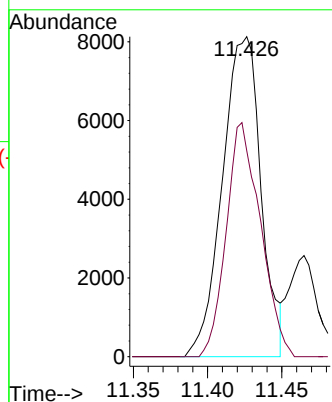
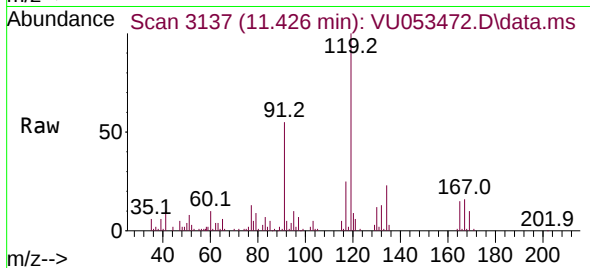
167 64.7 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#62

Hexachloroethane

Concen: 1.949 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.000 min

Lab File: VU053472.D

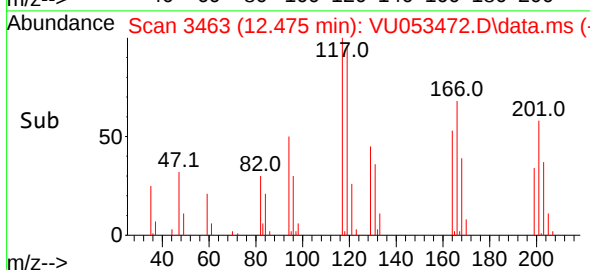
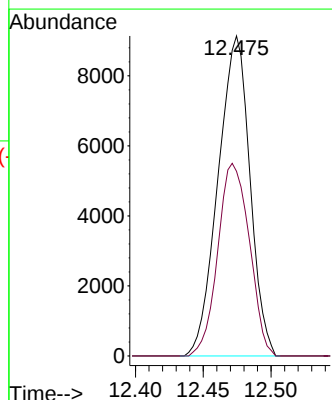
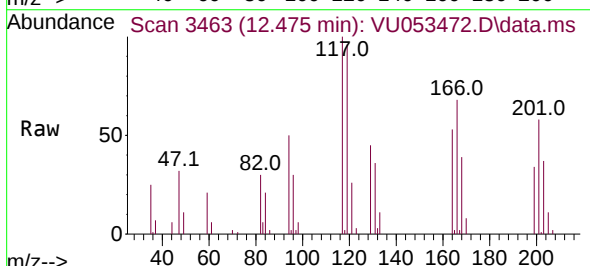
Acq: 29 Mar 2023 18:31

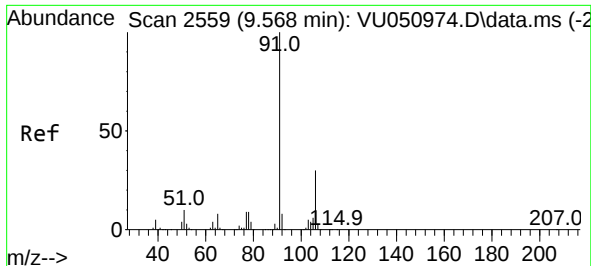
Tgt Ion:117 Resp: 14937

Ion Ratio Lower Upper

117 100

201 59.7 59.6 89.4





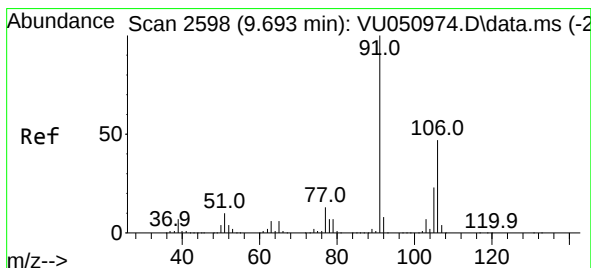
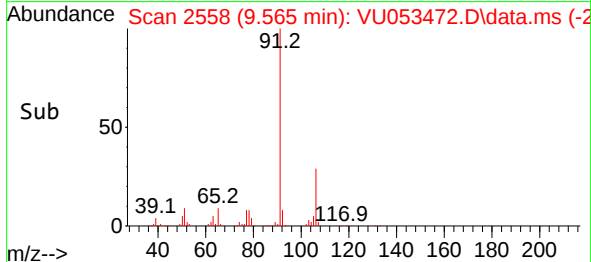
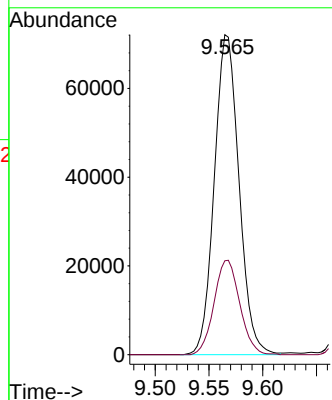
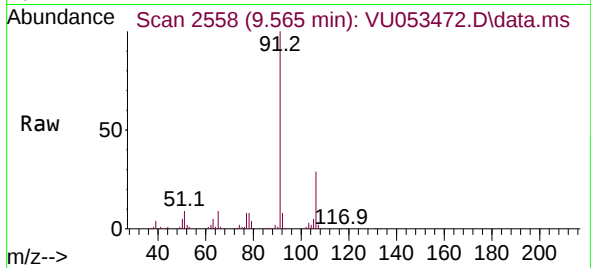
#63
Ethyl Benzene
Concen: 1.970 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion: 91 Resp: 11490
Ion Ratio Lower Upper
91 100
106 29.3 24.2 36.2

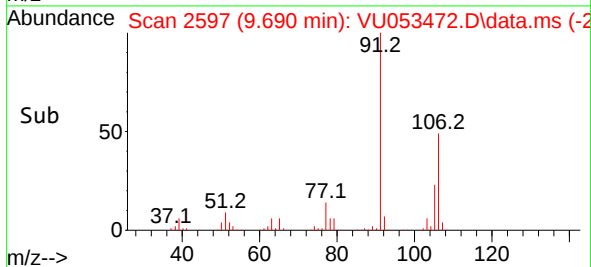
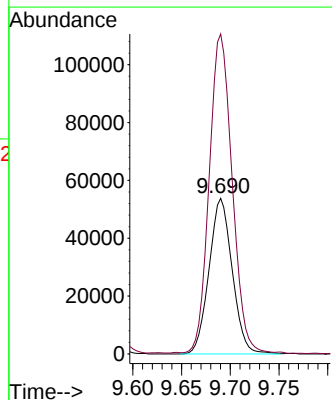
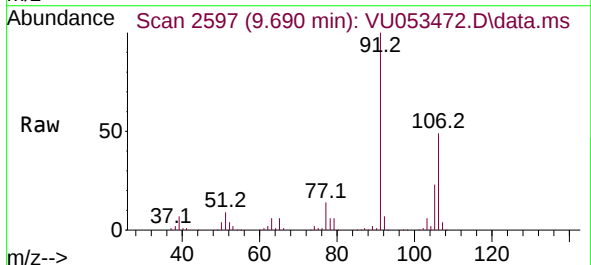
Manual Integrations
APPROVED

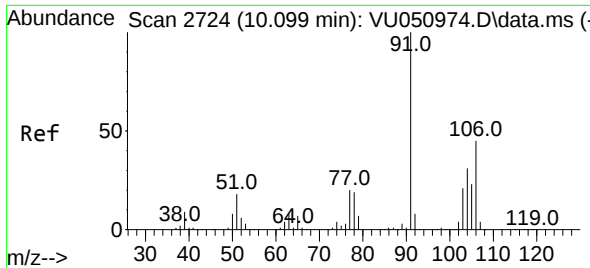
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#64
m/p-Xylenes
Concen: 3.994 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Tgt Ion:106 Resp: 89080
Ion Ratio Lower Upper
106 100
91 201.6 167.3 250.9





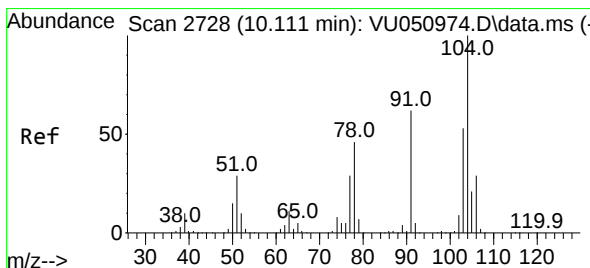
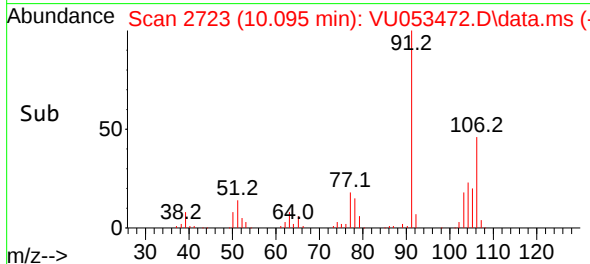
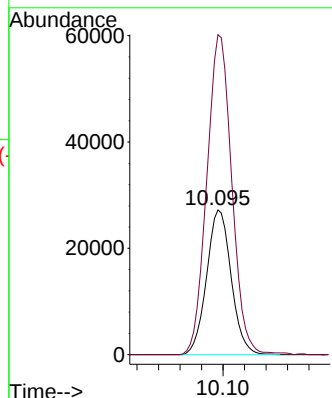
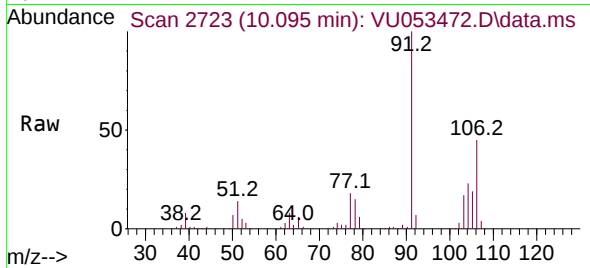
#65
o-Xylene
Concen: 1.976 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.004 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:106 Resp: 4312
Ion Ratio Lower Upper
106 100
91 225.4 109.3 327.9

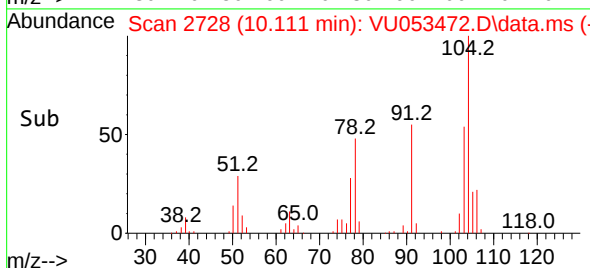
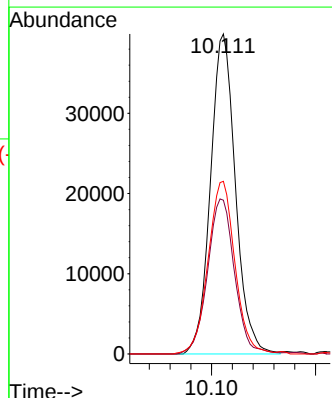
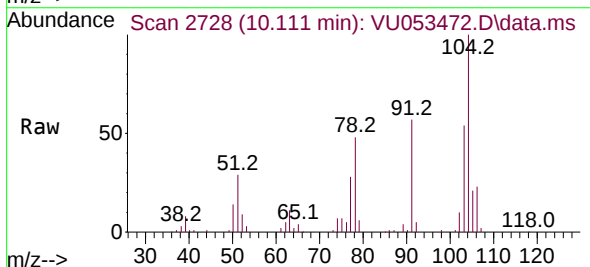
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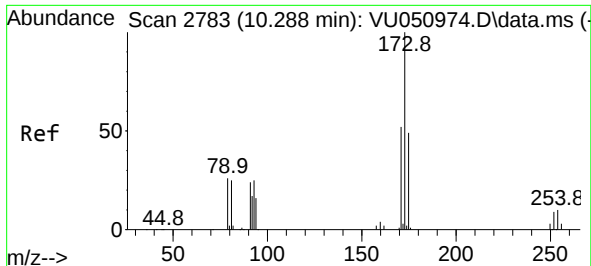
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#66
Styrene
Concen: 1.984 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

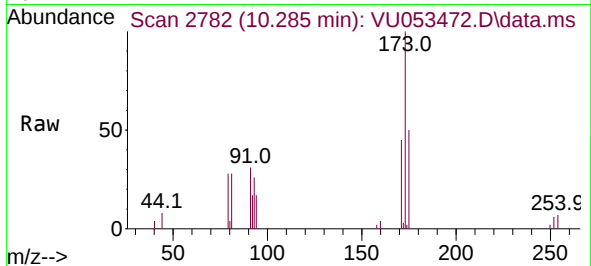
Tgt Ion:104 Resp: 66567
Ion Ratio Lower Upper
104 100
78 52.1 39.7 59.5
103 58.0 44.8 67.2





#67
Bromoform
Concen: 2.043 ug/l
RT: 10.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

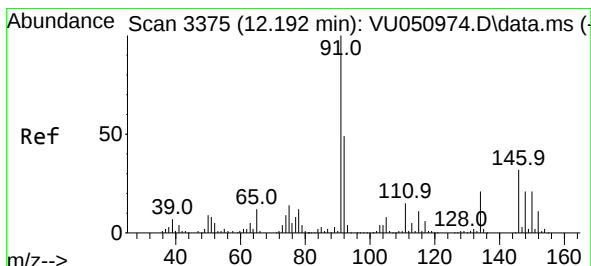
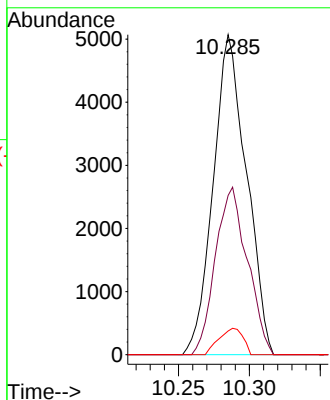
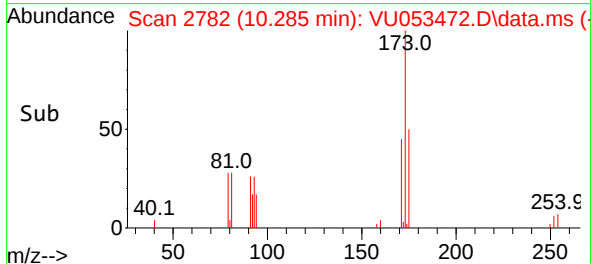
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01



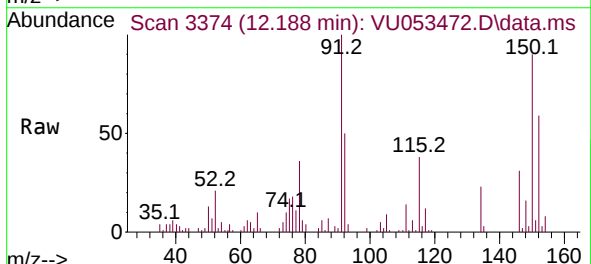
Tgt Ion:173 Resp: 8272
Ion Ratio Lower Upper
173 100
175 50.3 39.0 58.6
254 6.0 7.4 11.0

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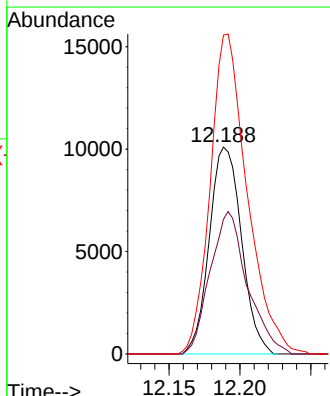
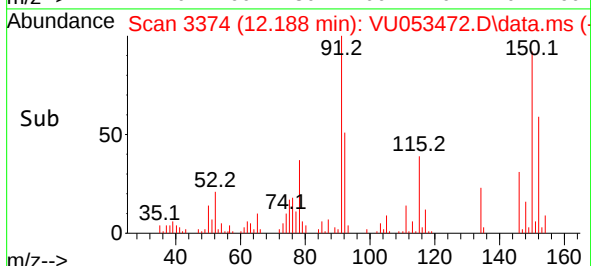
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

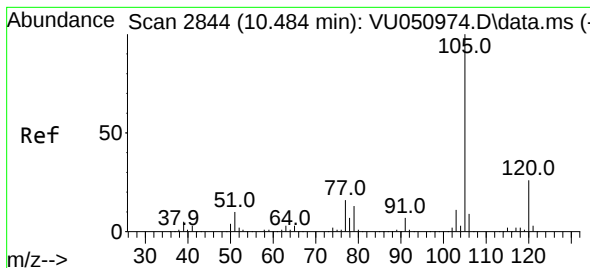


#68
1,2-Dichlorobenzene-d4
Concen: 1.009 ug/l
RT: 12.188 min Scan# 3374
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31



Tgt Ion:152 Resp: 15970
Ion Ratio Lower Upper
152 100
115 79.5 0.0 308.8
150 177.6 0.0 635.0





#69

Isopropylbenzene

Concen: 2.012 ug/l

RT: 10.481 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

Tgt Ion:105 Resp: 11496

Ion Ratio Lower Upper

105 100

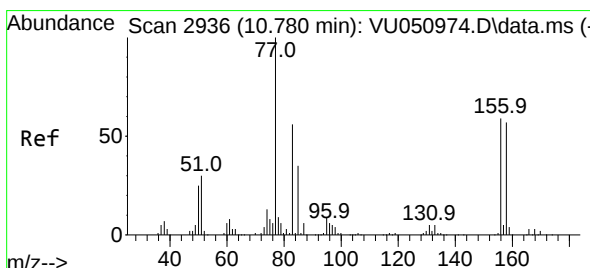
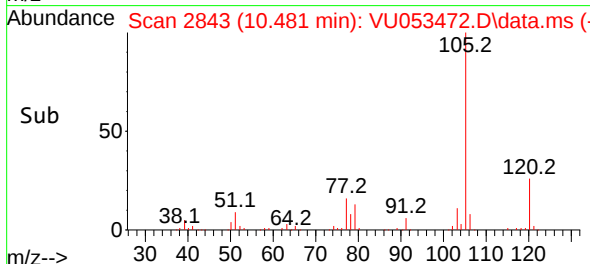
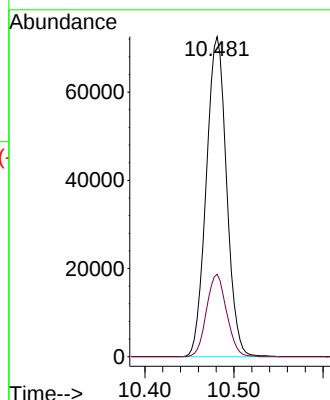
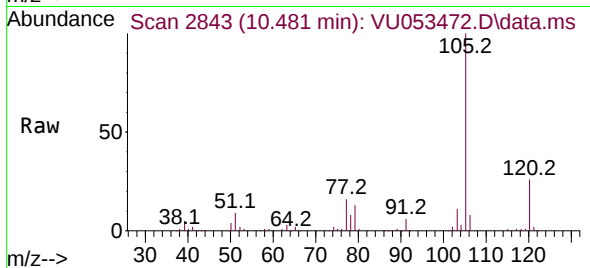
120 25.5 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 2.083 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

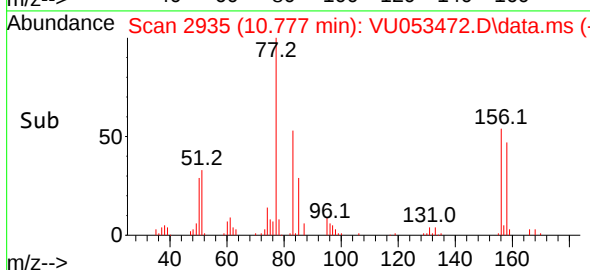
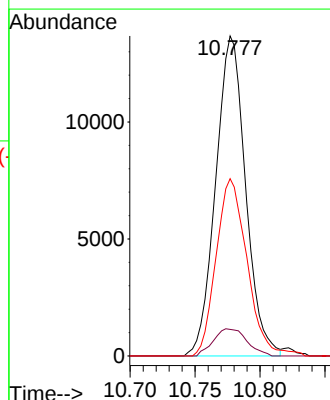
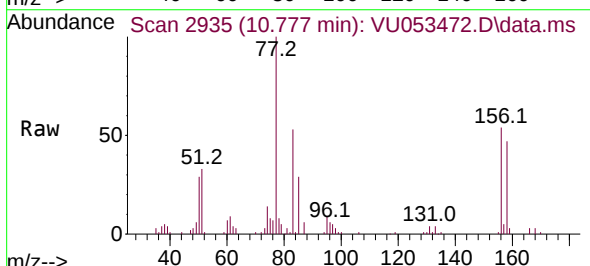
Tgt Ion: 83 Resp: 21880

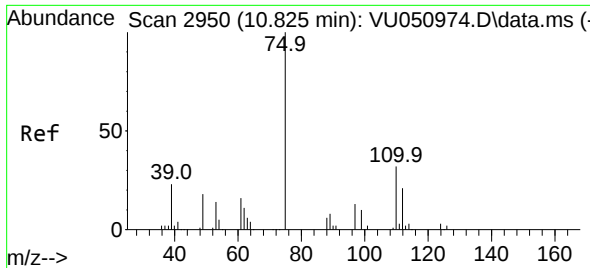
Ion Ratio Lower Upper

83 100

131 9.5 7.2 10.8

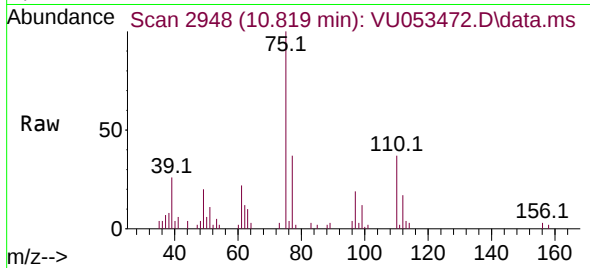
85 57.3 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 1.805 ug/l m
RT: 10.819 min Scan# 2948
Delta R.T. -0.006 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

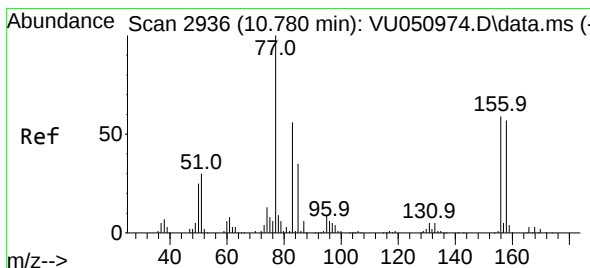
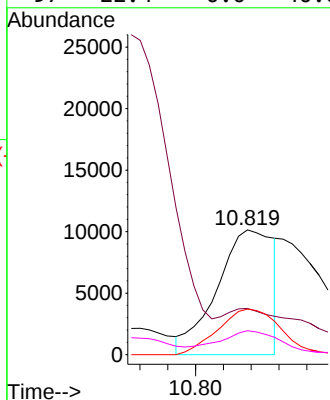
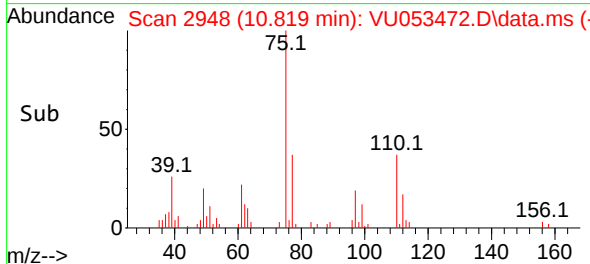
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01



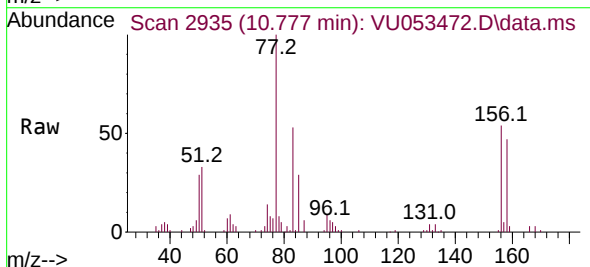
Tgt Ion: 75 Resp: 14319
Ion Ratio Lower Upper
75 100
77 54.7 0.0 116.4
110 40.5 0.0 74.6
97 22.4 0.0 40.0

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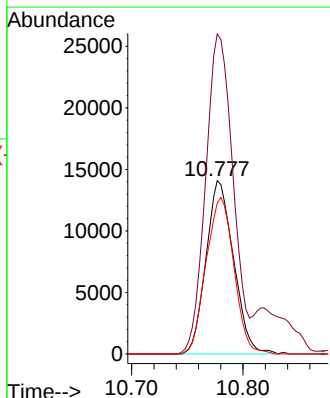
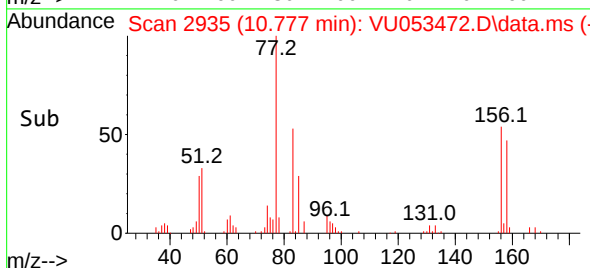
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

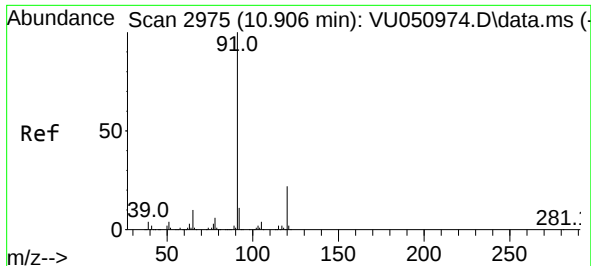


#72
Bromobenzene
Concen: 2.022 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31



Tgt Ion:156 Resp: 24205
Ion Ratio Lower Upper
156 100
77 183.2 0.0 343.0
158 91.4 0.0 194.8





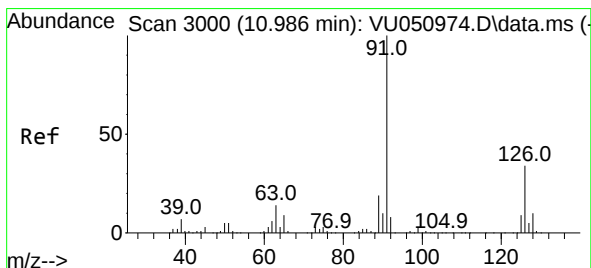
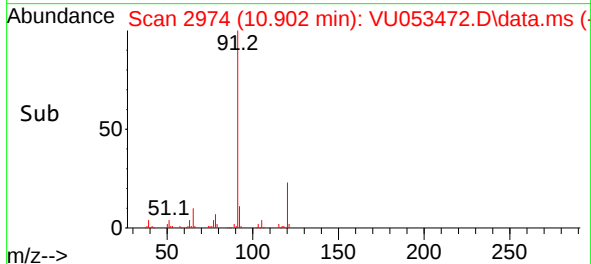
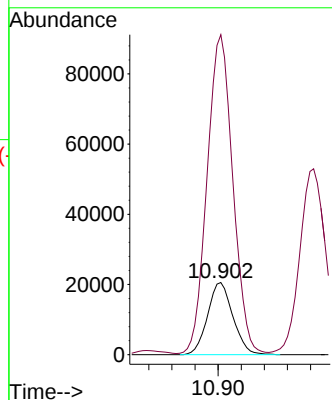
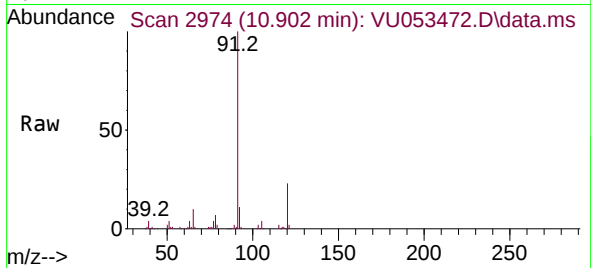
#73
n-propylbenzene
Concen: 2.069 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.004 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:120 Resp: 31240
Ion Ratio Lower Upper
120 100
91 448.8 369.8 554.6

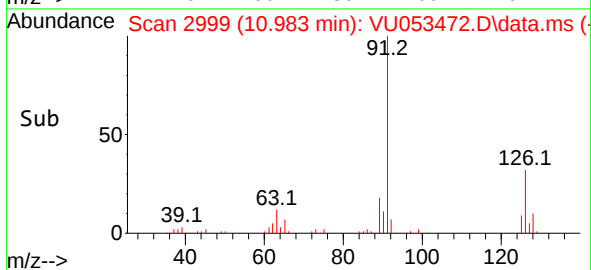
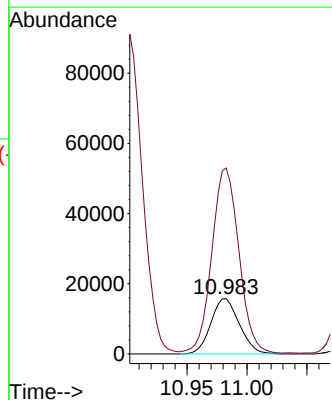
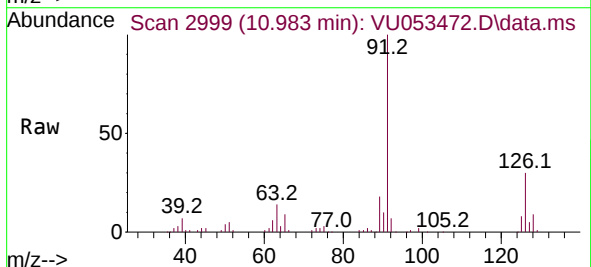
Manual Integrations
APPROVED

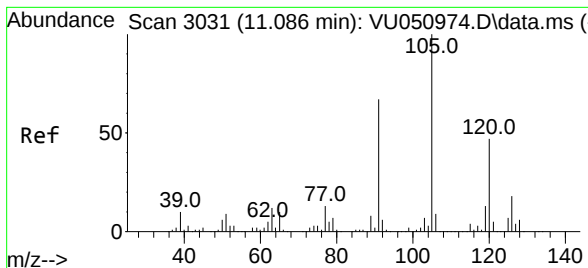
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#74
2-Chlorotoluene
Concen: 1.987 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

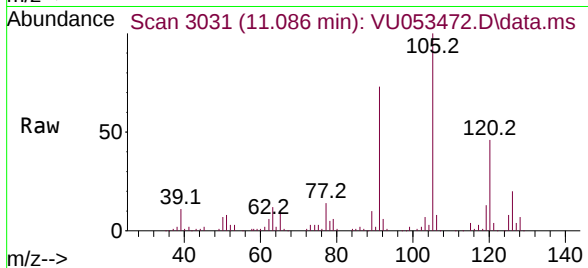
Tgt Ion:126 Resp: 25940
Ion Ratio Lower Upper
126 100
91 317.3 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 1.986 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

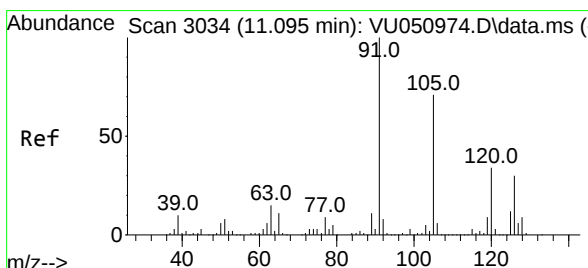
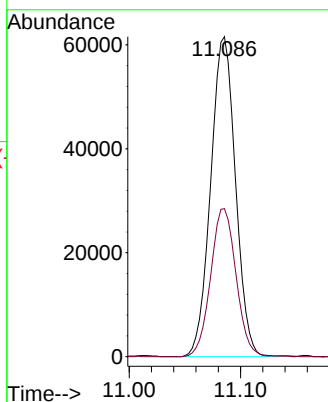
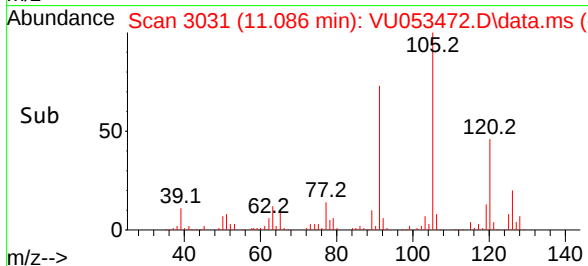
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01



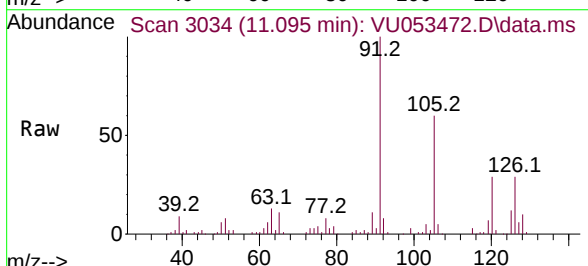
Tgt Ion:105 Resp: 95318
Ion Ratio Lower Upper
105 100
120 47.5 37.8 56.8

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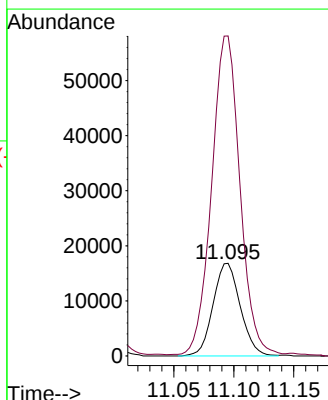
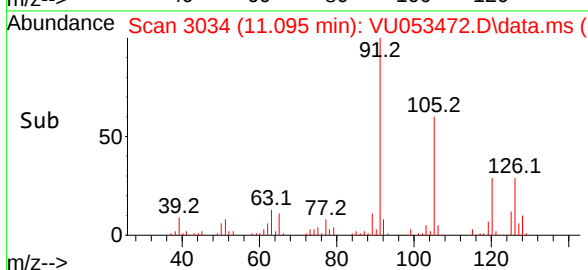
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

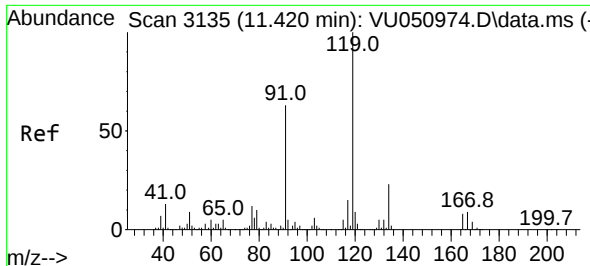


#76
4-Chlorotoluene
Concen: 1.954 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31



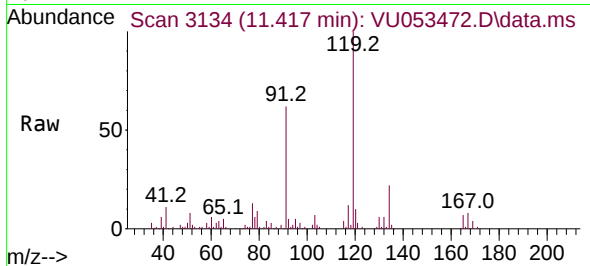
Tgt Ion:126 Resp: 26488
Ion Ratio Lower Upper
126 100
91 356.4 0.0 686.2





#77
tert-Butylbenzene
Concen: 2.023 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

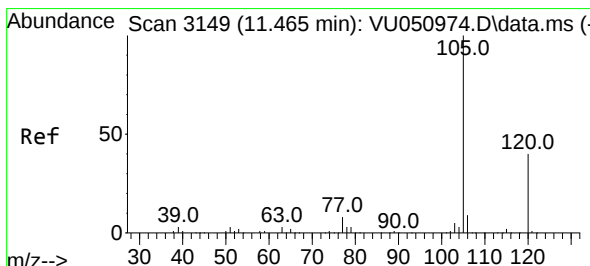
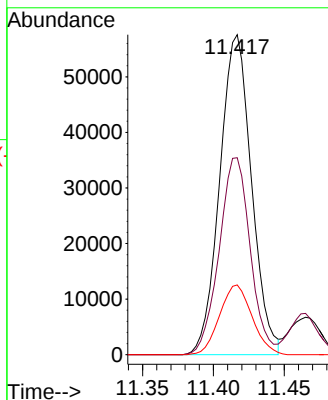
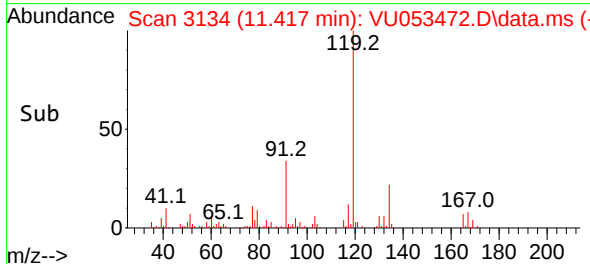
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01



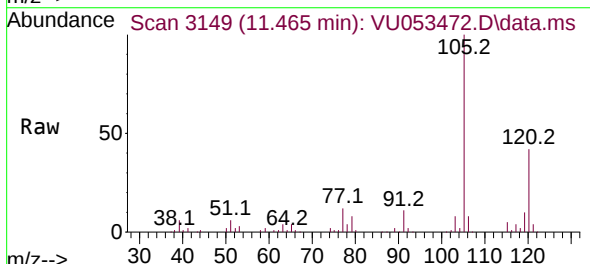
Tgt Ion:119 Resp: 89989
Ion Ratio Lower Upper
119 100
91 60.1 30.8 92.4
134 22.2 18.0 27.0

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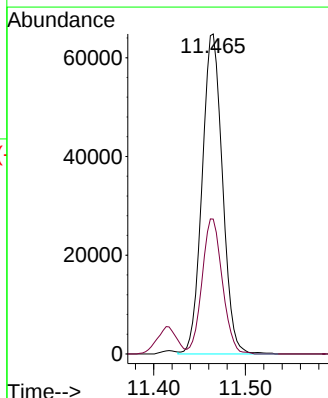
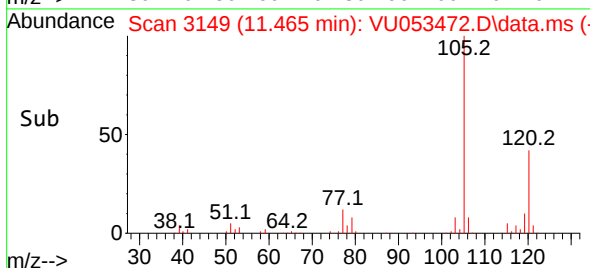
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

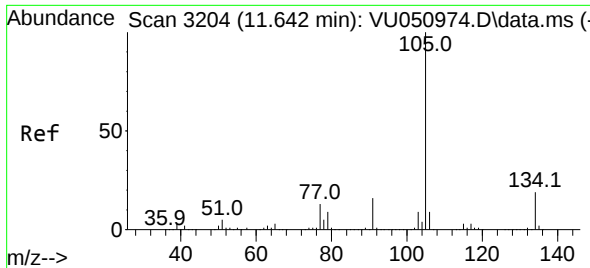


#78
1,2,4-Trimethylbenzene
Concen: 2.046 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31



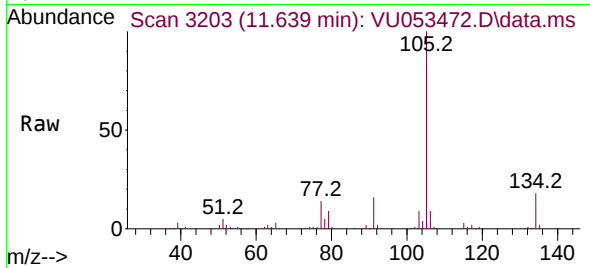
Tgt Ion:105 Resp: 100009
Ion Ratio Lower Upper
105 100
120 42.0 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 1.988 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU053472.D
 Acq: 29 Mar 2023 18:31

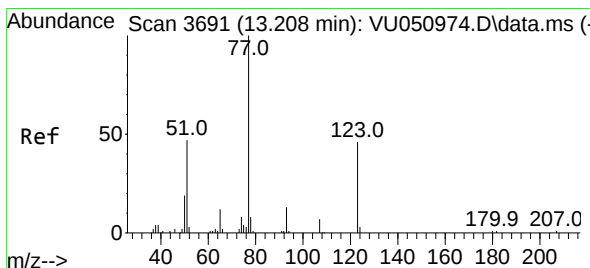
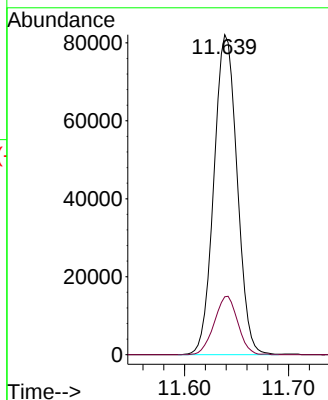
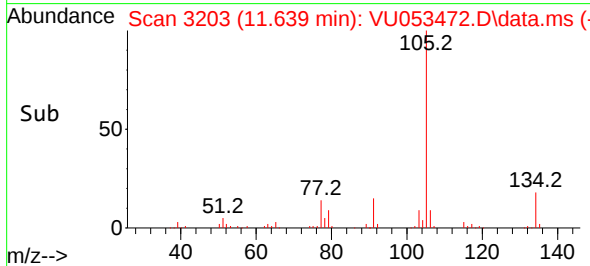
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0329WBSD01



Tgt Ion:105 Resp: 12740
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.9 22.3

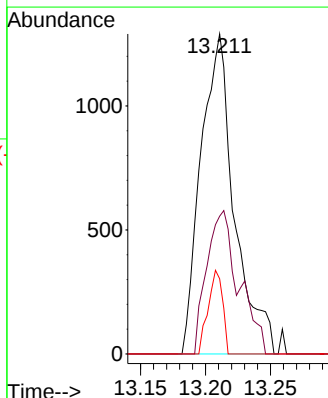
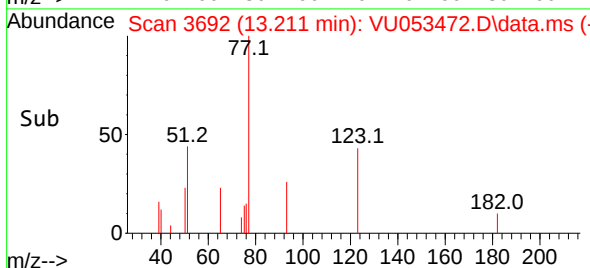
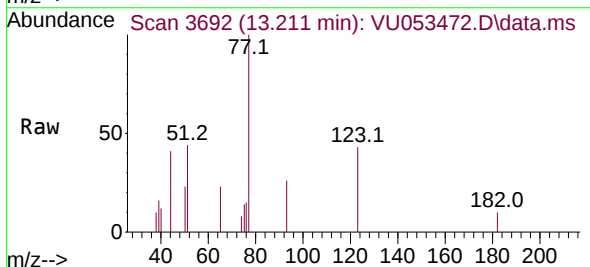
Manual Integrations
 APPROVED

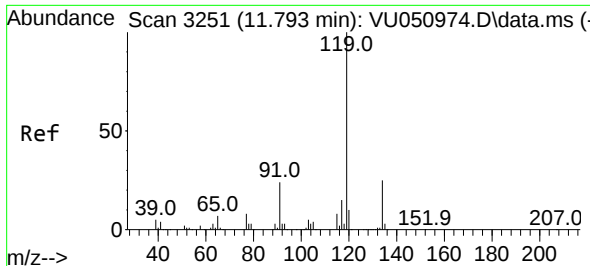
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#80
 Nitrobenzene
 Concen: 8.742 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU053472.D
 Acq: 29 Mar 2023 18:31

Tgt Ion: 77 Resp: 2307
 Ion Ratio Lower Upper
 77 100
 123 43.0 19.7 69.7
 65 11.3 11.5 14.7#





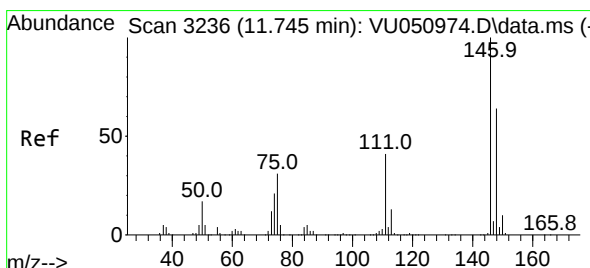
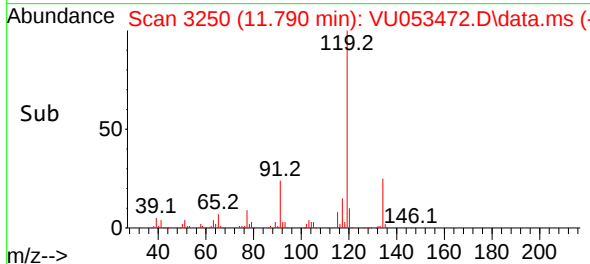
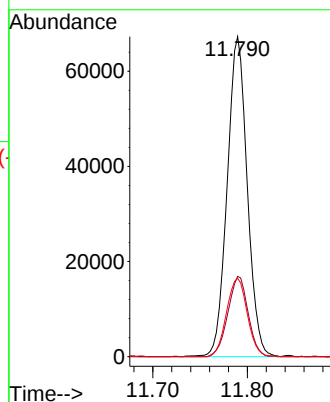
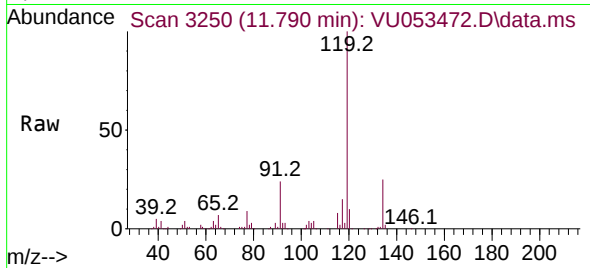
#81
p-Isopropyltoluene
Concen: 1.967 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01

Tgt Ion:119 Resp: 9899
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.4
91 25.4 19.3 28.9

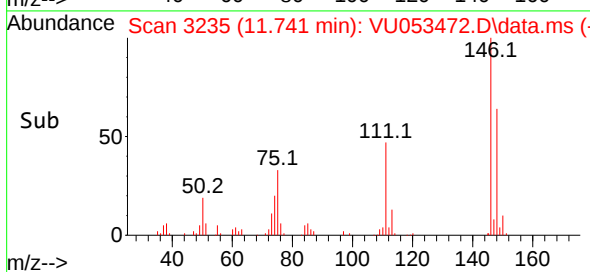
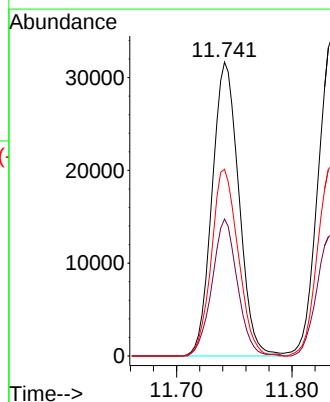
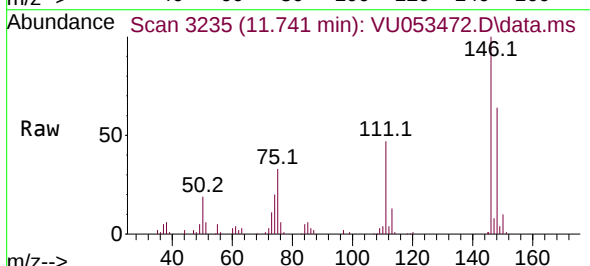
Manual Integrations
APPROVED

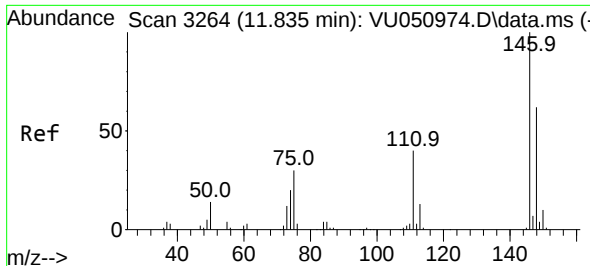
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#82
1,3-Dichlorobenzene
Concen: 1.995 ug/l
RT: 11.741 min Scan# 3235
Delta R.T. -0.004 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

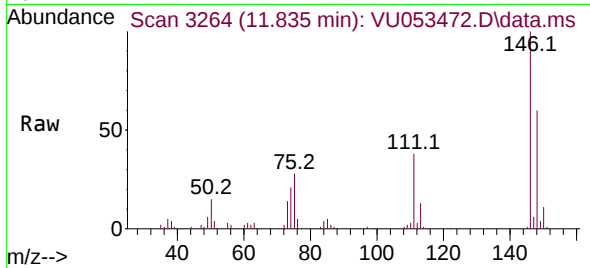
Tgt Ion:146 Resp: 50906
Ion Ratio Lower Upper
146 100
111 44.1 32.6 49.0
148 63.6 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 2.023 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

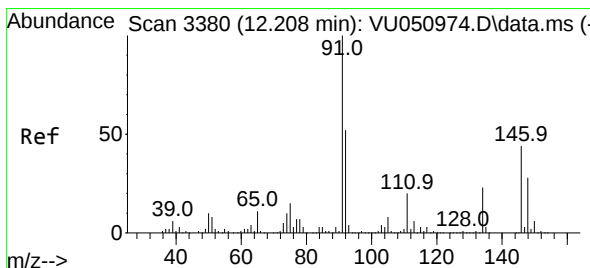
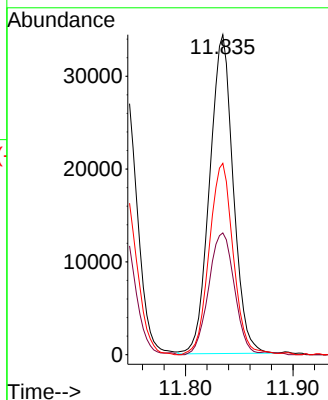
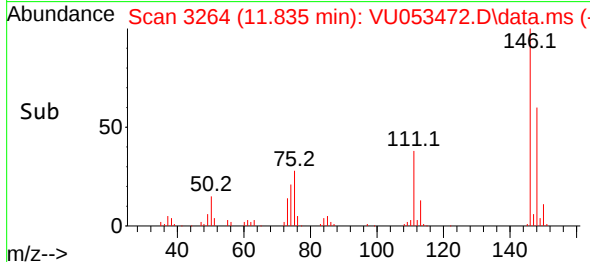
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01



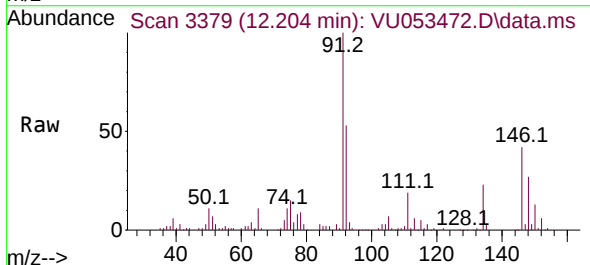
Tgt Ion:146 Resp: 52236
Ion Ratio Lower Upper
146 100
111 41.6 31.6 47.4
148 61.4 50.3 75.5

Manual Integrations
APPROVED

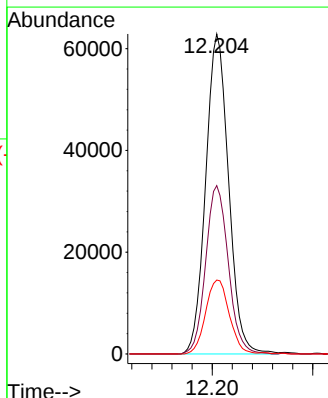
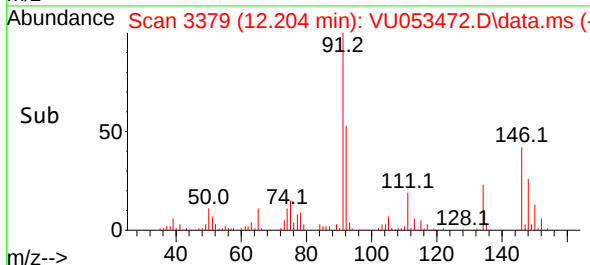
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

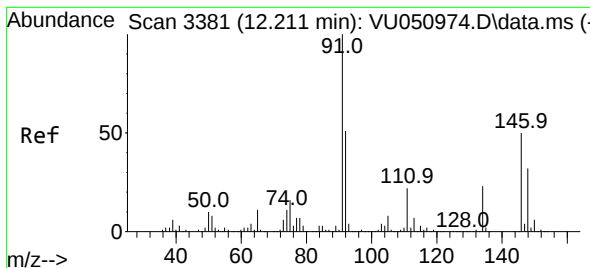


#84
n-Butylbenzene
Concen: 1.997 ug/l
RT: 12.204 min Scan# 3379
Delta R.T. -0.004 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31



Tgt Ion: 91 Resp: 99288
Ion Ratio Lower Upper
91 100
92 52.1 40.8 61.2
134 23.9 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 2.002 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBSD01

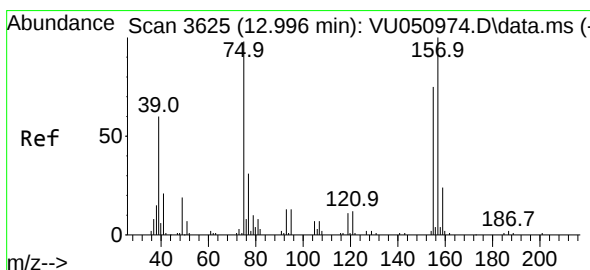
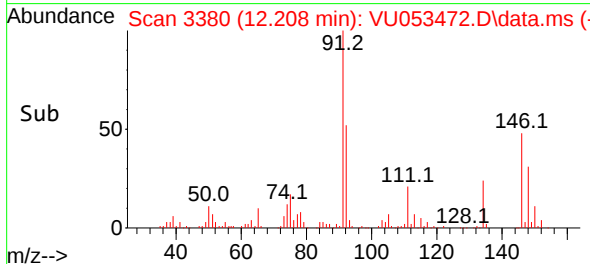
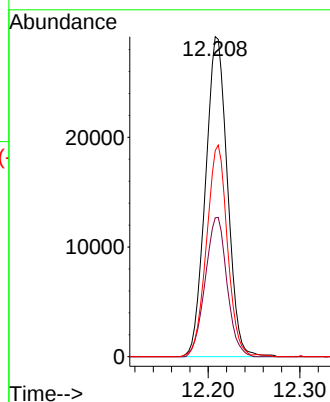
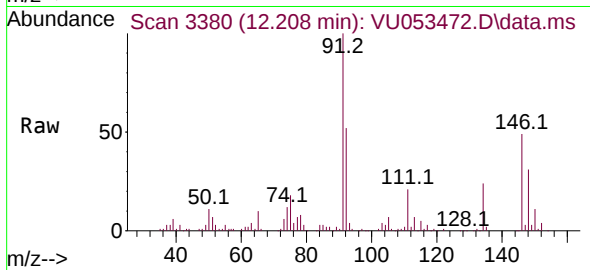
Tgt Ion:	146	Resp:	4840
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.6	64.6
148	63.1	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.802 ug/l

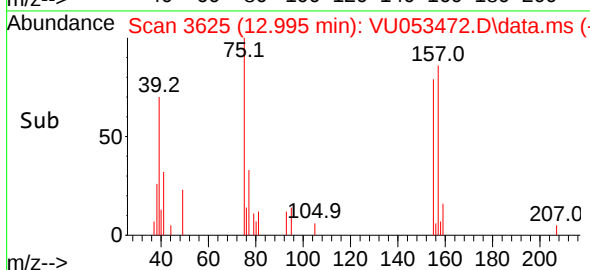
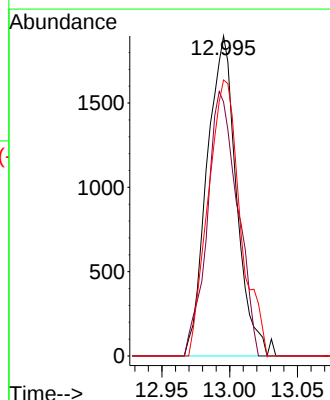
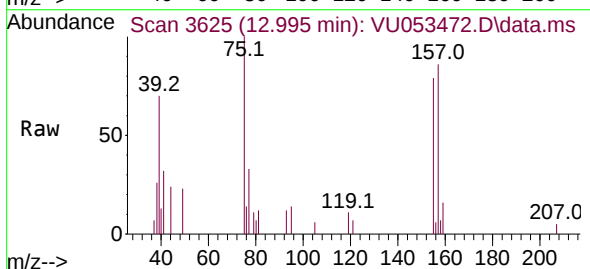
RT: 12.995 min Scan# 3625

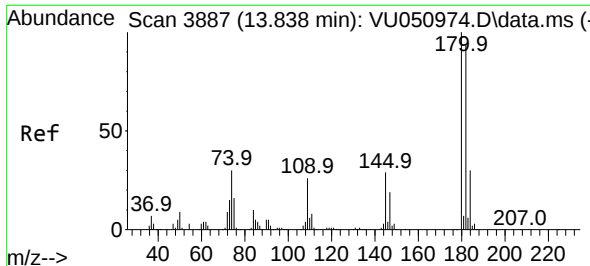
Delta R.T. -0.000 min

Lab File: VU053472.D

Acq: 29 Mar 2023 18:31

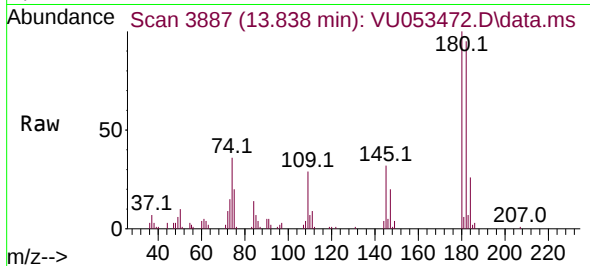
Tgt Ion:	75	Resp:	2875
Ion Ratio	Lower	Upper	
75	100		
155	85.2	61.8	92.8
157	94.2	80.2	120.4





#87
1,2,4-Trichlorobenzene
Concen: 2.025 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

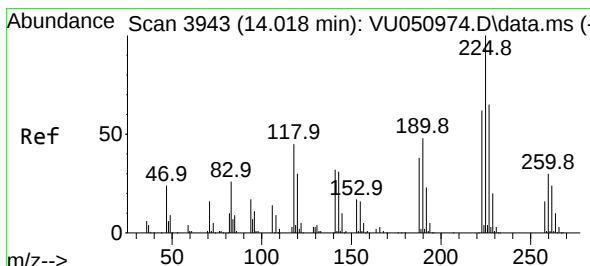
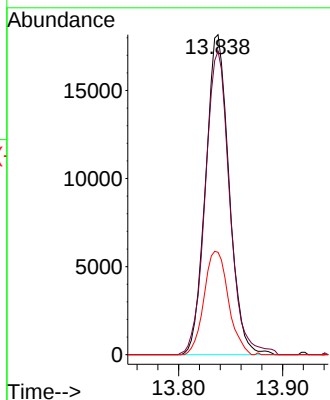
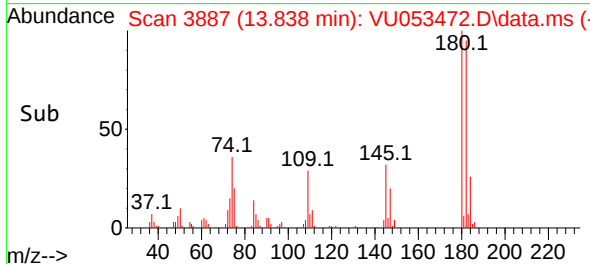
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01



Tgt Ion:180 Resp: 2856
Ion Ratio Lower Upper
180 100
182 98.1 75.8 113.6
145 33.3 23.9 35.9

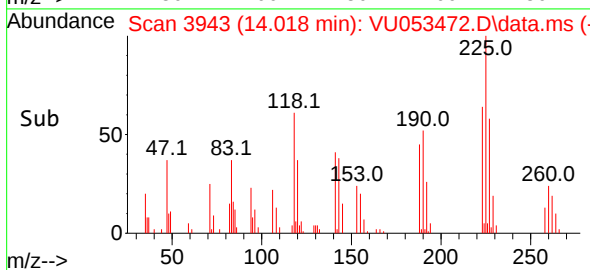
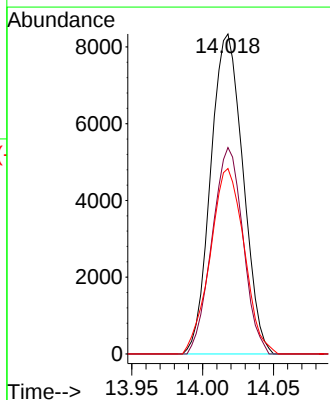
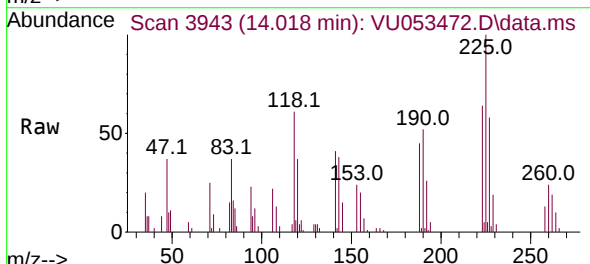
Manual Integrations
APPROVED

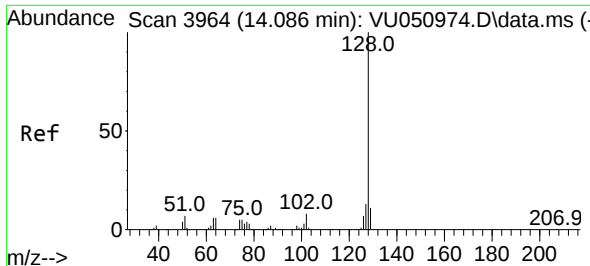
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#88
Hexachlorobutadiene
Concen: 1.963 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

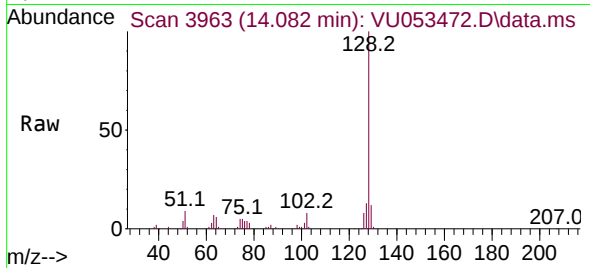
Tgt Ion:225 Resp: 13239
Ion Ratio Lower Upper
225 100
223 61.7 50.2 75.4
227 60.9 51.5 77.3





#89
Naphthalene
Concen: 2.005 ug/l
RT: 14.082 min Scan# 3964
Delta R.T. -0.004 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31

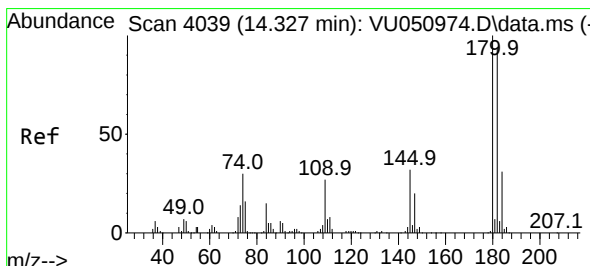
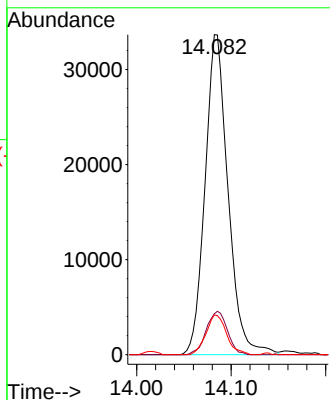
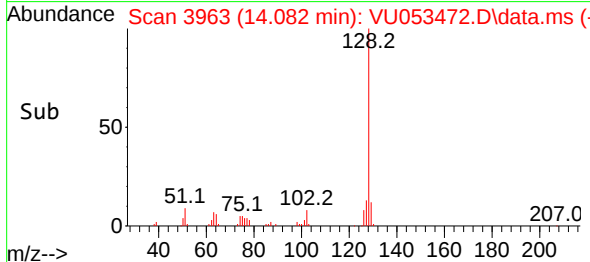
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBSD01



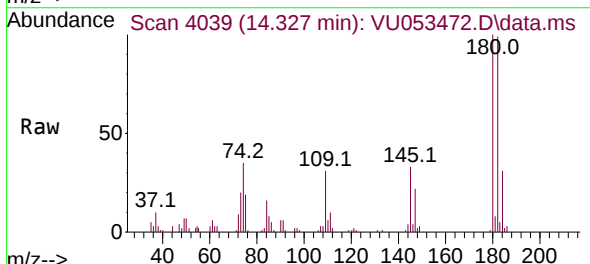
Tgt Ion:128 Resp: 5688
Ion Ratio Lower Upper
128 100
127 12.4 10.9 16.3
129 11.1 8.6 12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 2.090 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU053472.D
Acq: 29 Mar 2023 18:31



Tgt Ion:180 Resp: 25396
Ion Ratio Lower Upper
180 100
182 97.5 75.7 113.5
145 32.8 26.1 39.1

