

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
 Data File : VU053824.D
 Acq On : 21 Apr 2023 14:34
 Operator : JC/MD
 Sample : VU0421WBS02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0421WBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

Quant Time: Apr 22 03:19:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 21 09:18:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	32879	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	13080	1.014	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	15644	1.021	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	21691	2.176	ug/l	99
3) Chloromethane	1.520	50	18196	2.027	ug/l	98
4) Vinyl Chloride	1.604	62	21683	2.089	ug/l	99
5) Bromomethane	1.858	94	15819	2.026	ug/l	92
6) Chloroethane	1.935	64	14217	2.140	ug/l	97
7) Trichlorofluoromethane	2.137	101	38548	2.211	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	22571	1.989	ug/l	91
9) 1,1-Dichloroethene	2.581	96	17003	1.830	ug/l	86
10) Iodomethane	2.723	142	18443	1.823	ug/l	97
11) Allyl Chloride	2.922	41	19233	1.743	ug/l	85
12) Acrylonitrile	3.324	53	7379	3.179	ug/l	92
13) Acetone	2.645	43	36992	11.400	ug/l	92
14) Carbon Disulfide	2.793	76	27073	1.774	ug/l	100
15) Methylene Chloride	3.044	84	26805	1.969	ug/l	88
16) trans-1,2-Dichloroethene	3.350	96	18921	1.883	ug/l #	82
17) 1,1-Dichloroethane	3.864	63	37707	1.820	ug/l	98
18) 2-Butanone	4.713	43	39232	9.327	ug/l	99
19) Cyclohexane	5.385	56	24343m	1.698	ug/l	
20) Methylcyclohexane	6.761	83	29470	2.291	ug/l	90
21) 2,2-Dichloropropane	4.661	77	35006	1.859	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	23856	1.898	ug/l	94
23) Diethyl Ether	2.375	59	15017	2.192	ug/l	95
24) tert-Butyl Alcohol	3.243	59	16069m	17.230	ug/l	
25) Methyl tert-Butyl Ether	3.359	73	45831	1.768	ug/l	93
26) Bromochloromethane	4.970	128	10731	1.930	ug/l	81
27) Chloroform	5.086	83	43751	1.955	ug/l	96
28) 1,1,1-Trichloroethane	5.314	97	37488	2.022	ug/l	96
29) 1,1-Dichloropropene	5.526	75	26387	2.236	ug/l	97
30) Carbon Tetrachloride	5.520	117	29683	2.237	ug/l	98
31) Isopropyl Ether	3.989	45	51567	1.721	ug/l	97
32) Ethyl-t-butyl ether	4.497	59	53106	1.752	ug/l	97
33) Tert-Amyl methyl ether	5.935	73	49103	2.217	ug/l	99
34) Propionitrile	4.803	54	7480	7.953	ug/l #	13
35) Benzene	5.771	78	84050	2.312	ug/l	98
36) 1,2-Dichloroethane	5.793	62	24630	2.157	ug/l	100
37) Trichloroethene	6.539	130	24560	2.379	ug/l	93
38) 1,2-Dichloropropane	6.787	63	23096	2.232	ug/l	96
39) Methacrylonitrile	4.976	41	5103	1.360	ug/l #	84
40) Methyl acrylate	4.851	55	7393	1.193	ug/l #	92
41) Tetrahydrofuran	5.066	42	5644	3.034	ug/l #	88
42) 1-Chlorobutane	5.456	56	33730	2.094	ug/l	92
43) Dibromomethane	6.915	93	11232	2.140	ug/l	96
44) Bromodichloromethane	7.102	83	28854	2.181	ug/l	99

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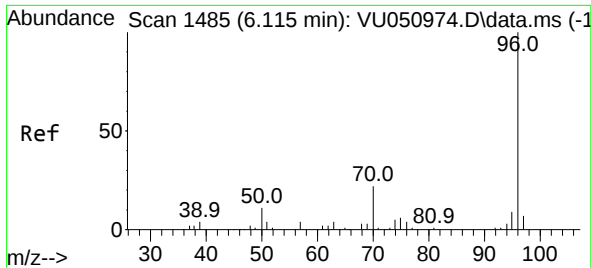
Manual Integrations
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 Supervised By :Mahesh Dadoda 04/28/2023

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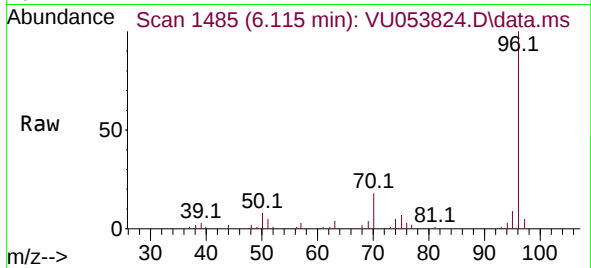
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.790	43	57445	10.761	ug/l	95
46) t-1,4-Dichloro-2-butene	10.832	75	8631m	3.894	ug/l	
47) Methyl methacrylate	6.960	69	19143	4.153	ug/l	95
48) Ethyl methacrylate	8.330	69	18668	2.066	ug/l	90
49) Toluene	7.967	92	52010	2.270	ug/l	98
50) t-1,3-Dichloropropene	8.208	75	26289	2.212	ug/l	97
51) cis-1,3-Dichloropropene	7.603	75	31552	2.223	ug/l	92
52) 1,1,2-Trichloroethane	8.394	97	17645	2.119	ug/l	98
53) 1,3-Dichloropropane	8.571	76	29131	2.234	ug/l	98
54) 2-Hexanone	8.684	43	57746	11.535	ug/l	94
55) Dibromochloromethane	8.806	129	18626	2.127	ug/l	99
56) 1,2-Dibromoethane	8.922	107	15676	2.183	ug/l	96
58) Tetrachloroethene	8.552	164	23250	2.329	ug/l	94
59) Chlorobenzene	9.443	112	63875	2.241	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.529	131	22384	2.178	ug/l	97
61) Pentachloroethane	11.420	117	16919	2.135	ug/l	98
62) Hexachloroethane	12.471	117	15715	2.031	ug/l	97
63) Ethyl Benzene	9.568	91	101947	2.265	ug/l	95
64) m/p-Xylenes	9.690	106	80212	4.524	ug/l	94
65) o-Xylene	10.095	106	39193	2.192	ug/l	100
66) Styrene	10.111	104	61585	2.166	ug/l	99
67) Bromoform	10.288	173	9178	2.017	ug/l	98
69) Isopropylbenzene	10.481	105	104682	2.240	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.777	83	22107	2.062	ug/l	97
71) 1,2,3-Trichloropropane	10.822	75	9939m	1.284	ug/l	
72) Bromobenzene	10.777	156	26453	2.207	ug/l	89
73) n-propylbenzene	10.902	120	30658	2.365	ug/l	86
74) 2-Chlorotoluene	10.983	126	27639	2.256	ug/l	86
75) 1,3,5-Trimethylbenzene	11.086	105	90146	2.212	ug/l	97
76) 4-Chlorotoluene	11.095	126	28462	2.279	ug/l	86
77) tert-Butylbenzene	11.417	119	88110	2.148	ug/l	98
78) 1,2,4-Trimethylbenzene	11.465	105	91319	2.195	ug/l	97
79) sec-Butylbenzene	11.639	105	122837	2.228	ug/l	97
80) Nitrobenzene	13.211	77	2687m	7.911	ug/l	
81) p-Isopropyltoluene	11.790	119	99231	2.197	ug/l	98
82) 1,3-Dichlorobenzene	11.741	146	55408	2.162	ug/l	99
83) 1,4-Dichlorobenzene	11.832	146	55076	2.156	ug/l	99
84) n-Butylbenzene	12.204	91	94044	2.360	ug/l	97
85) 1,2-Dichlorobenzene	12.208	146	51277	2.046	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.995	75	3178	2.105	ug/l	95
87) 1,2,4-Trichlorobenzene	13.838	180	33748	2.038	ug/l	99
88) Hexachlorobutadiene	14.015	225	18220	2.062	ug/l	99
89) Naphthalene	14.082	128	55823	1.923	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	30946	1.965	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 1485
Delta R.T. 0.007 min
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Instrument :
MSVOA_U
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VU0421WBS02

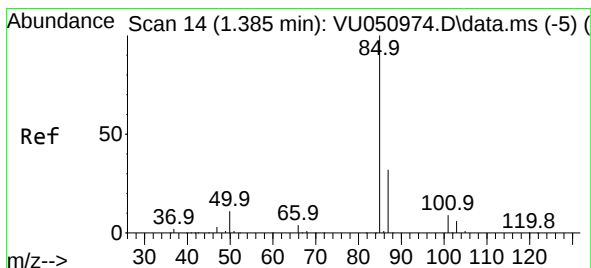
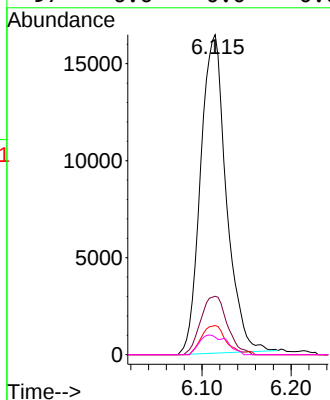
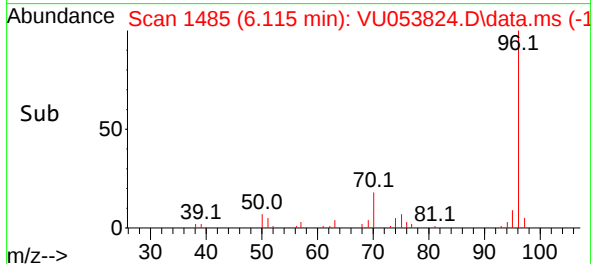


Tgt Ion: 96 Resp: 32879

Ion	Ratio	Lower	Upper
96	100		
70	18.9	16.5	24.7
95	7.9	7.4	11.0
97	6.6	0.0	0.0

Manual Integrations
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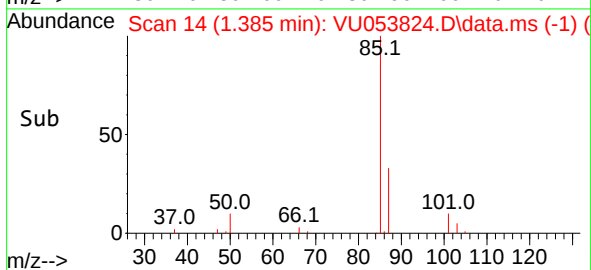
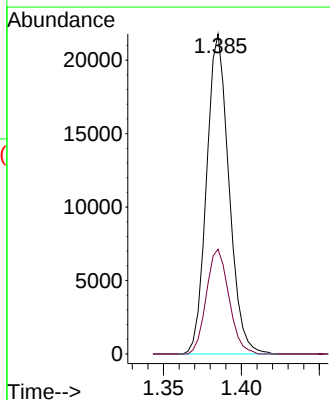
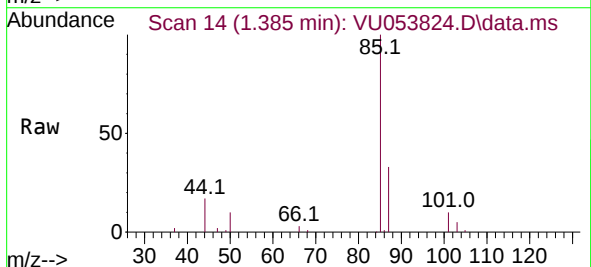
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

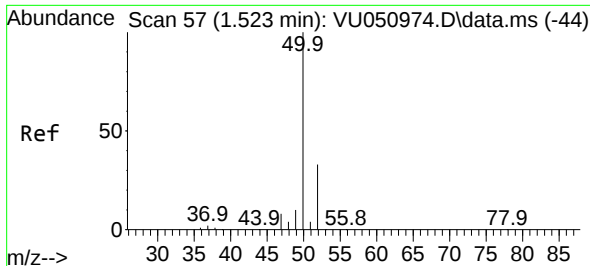


#2
Dichlorodifluoromethane
Concen: 2.176 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 85 Resp: 21691

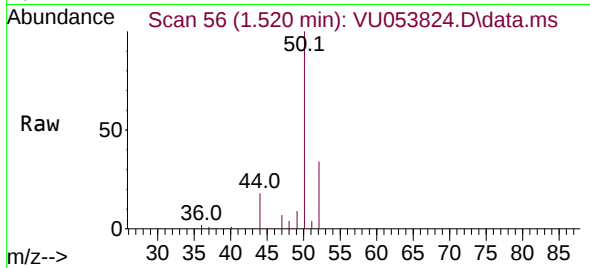
Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.2	48.6





#3
Chloromethane
Concen: 2.027 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

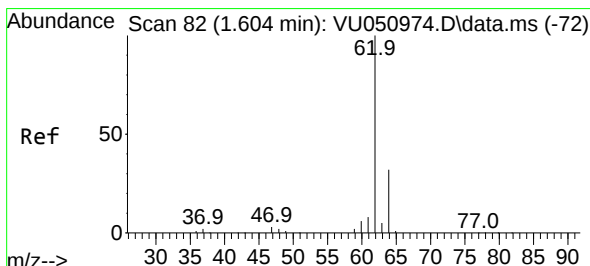
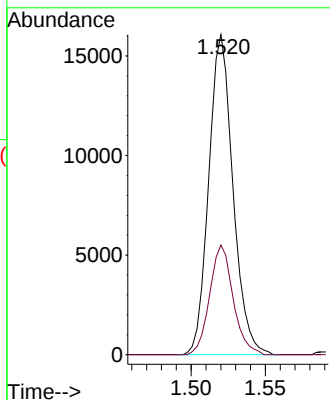
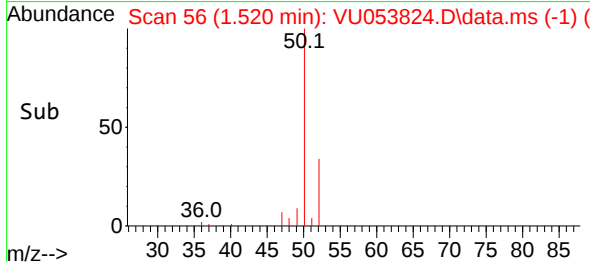
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



Tgt Ion: 50 Resp: 18190
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0

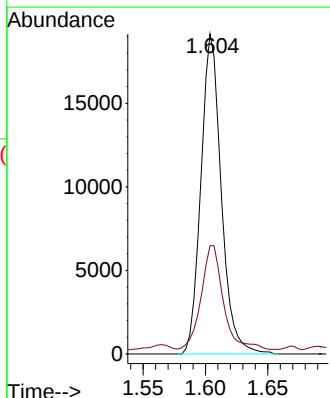
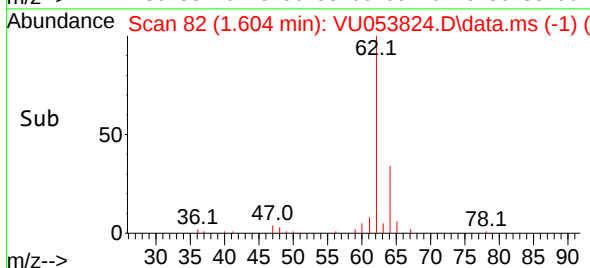
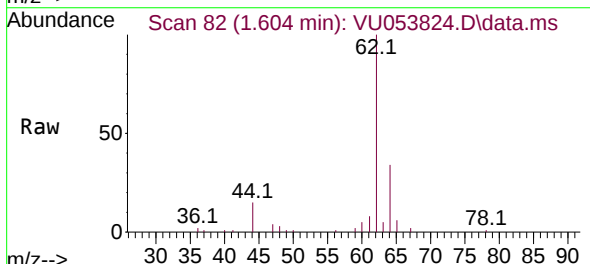
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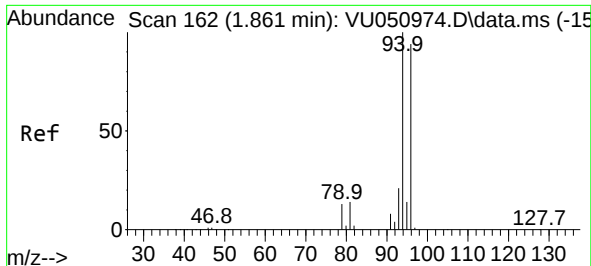
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#4
Vinyl Chloride
Concen: 2.089 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 62 Resp: 21683
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.2





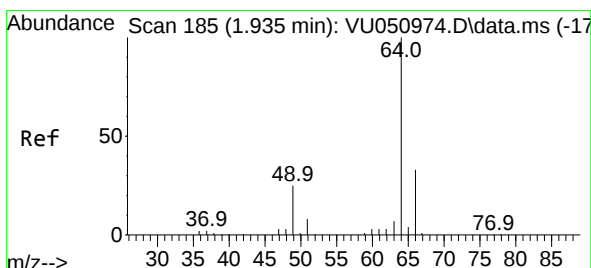
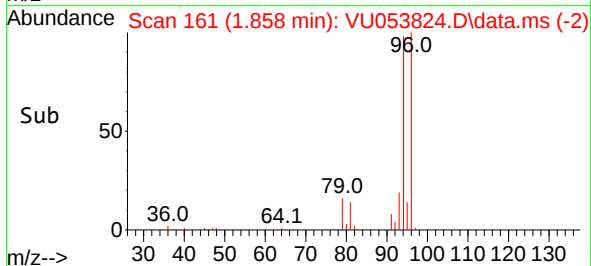
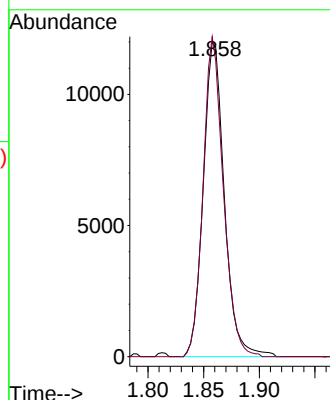
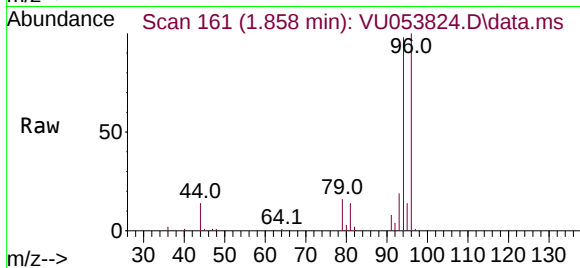
#5
Bromomethane
Concen: 2.026 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.013 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02

Tgt Ion: 94 Resp: 15819
Ion Ratio Lower Upper
94 100
96 101.8 75.4 113.2

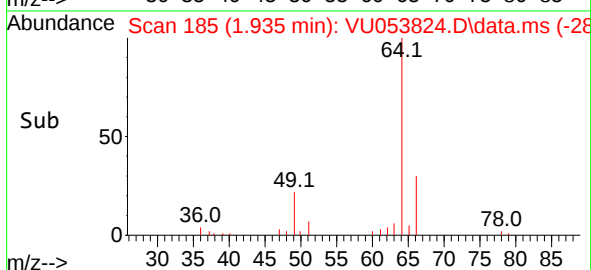
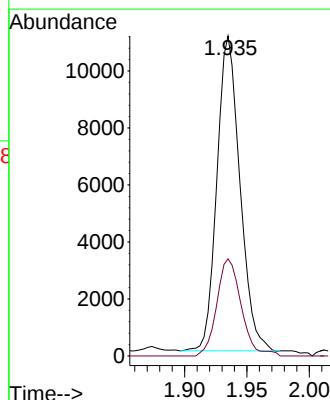
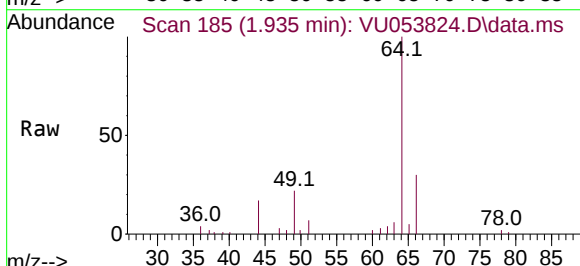
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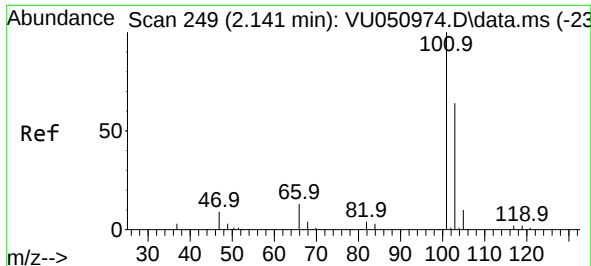
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#6
Chloroethane
Concen: 2.140 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.006 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

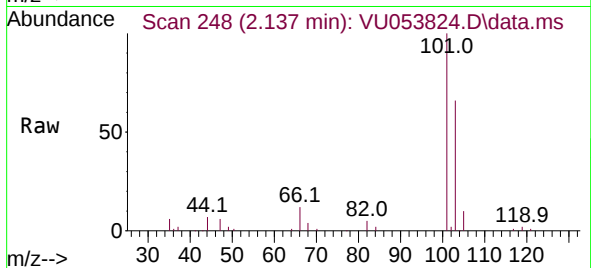
Tgt Ion: 64 Resp: 14217
Ion Ratio Lower Upper
64 100
66 30.9 26.0 39.0





#7
Trichlorofluoromethane
Concen: 2.211 ug/l
RT: 2.137 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

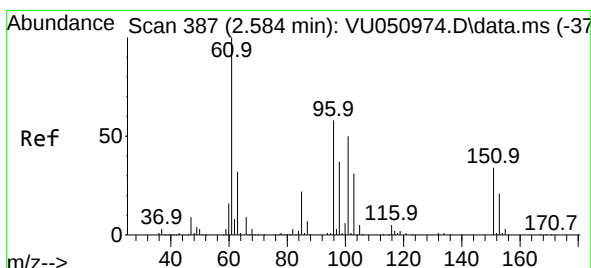
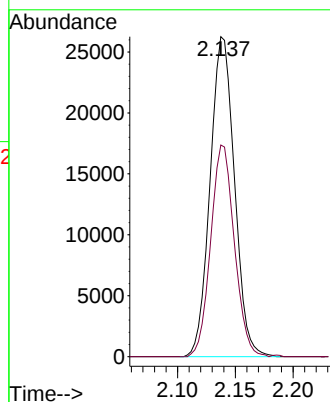
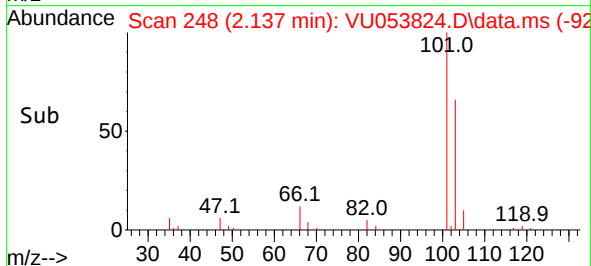
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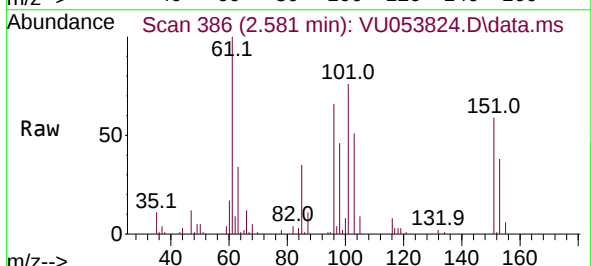
Tgt Ion:101 Resp: 38548
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.0

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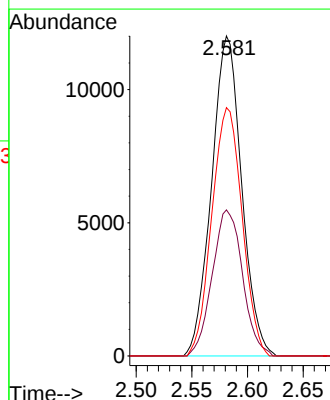
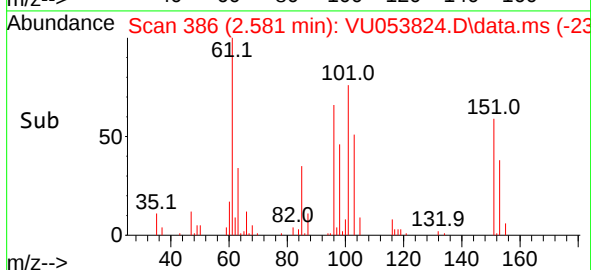
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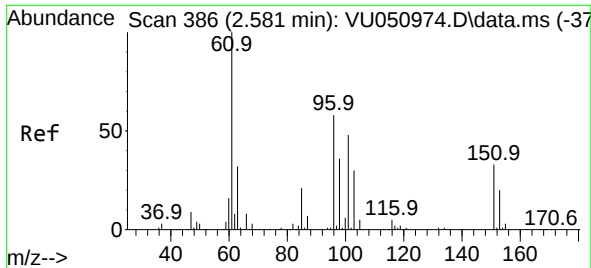


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.989 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34



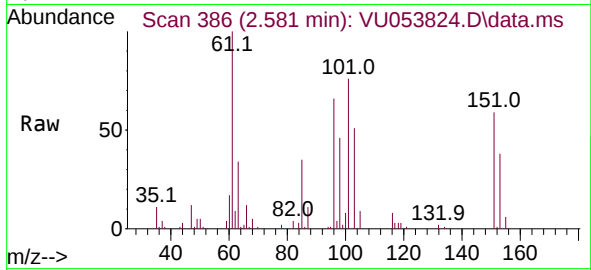
Tgt Ion:101 Resp: 22571
Ion Ratio Lower Upper
101 100
85 46.0 35.4 53.0
151 78.0 54.0 81.0





#9
1,1-Dichloroethene
Concen: 1.830 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

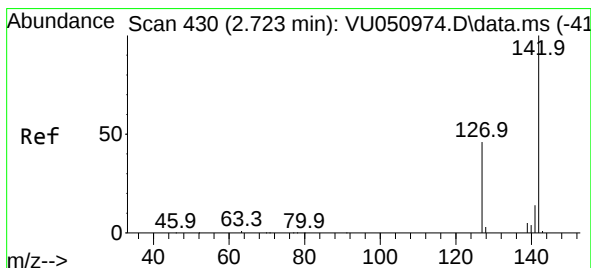
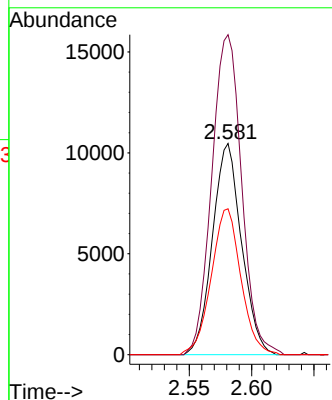
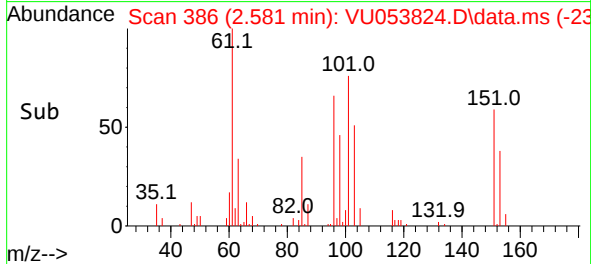
Instrument :
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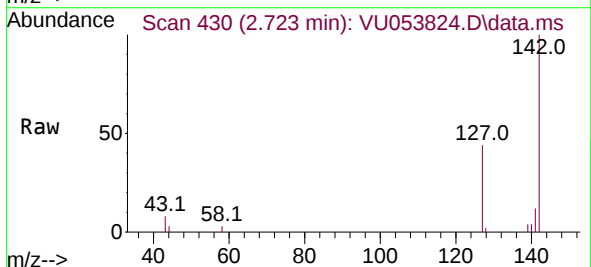
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Ion Ratio Lower Upper
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98 69.1 0.0 125.8

Manual Integrations
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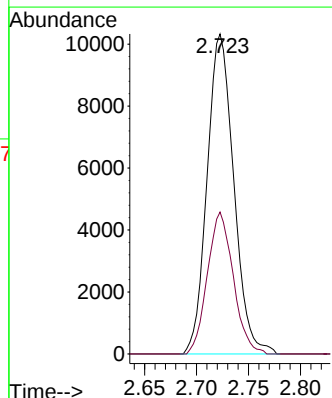
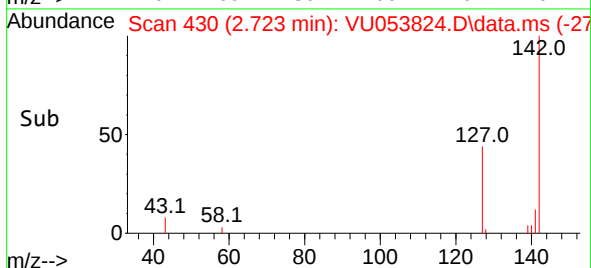
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

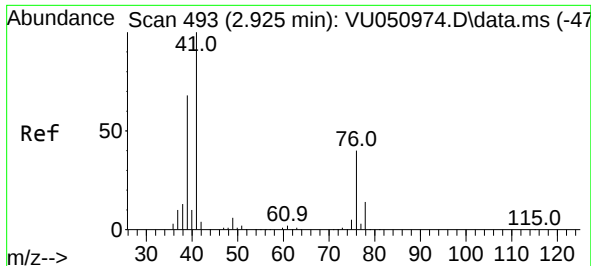


#10
Iodomethane
Concen: 1.823 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34



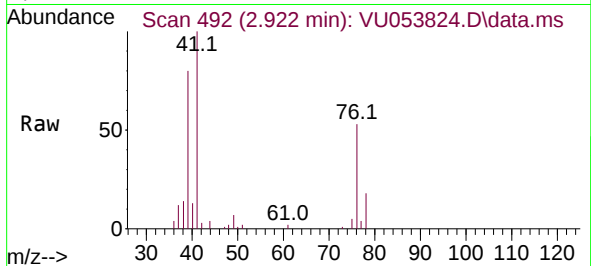
Tgt Ion:142 Resp: 18443
Ion Ratio Lower Upper
142 100
127 43.0 35.9 53.9





#11
 Allyl Chloride
 Concen: 1.743 ug/l
 RT: 2.922 min Scan# 49
 Delta R.T. 0.003 min
 Lab File: VU053824.D
 Acq: 21 Apr 2023 14:34

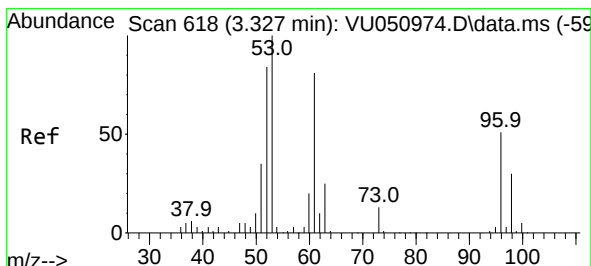
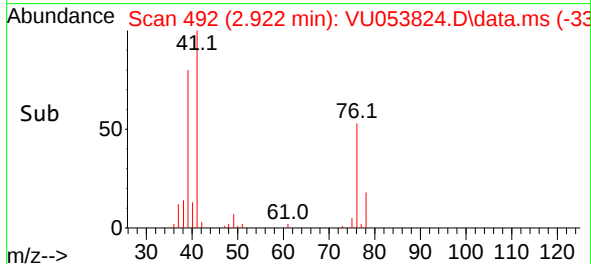
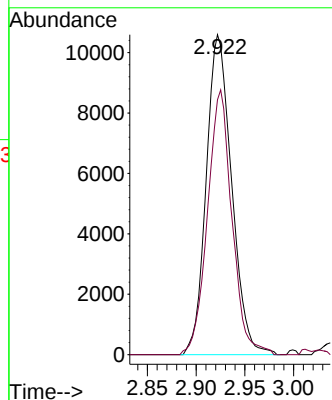
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0421WBS02



Tgt Ion: 41 Resp: 1923
 Ion Ratio Lower Upper
 41 100
 39 79.7 54.2 81.2

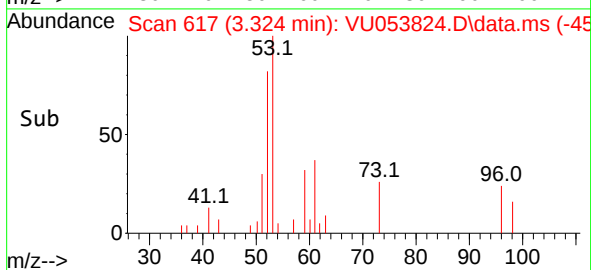
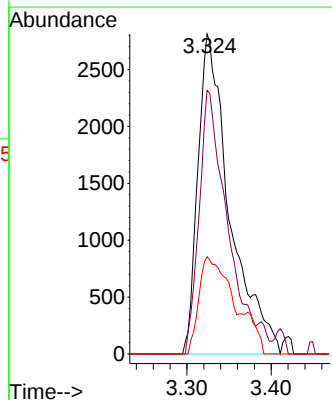
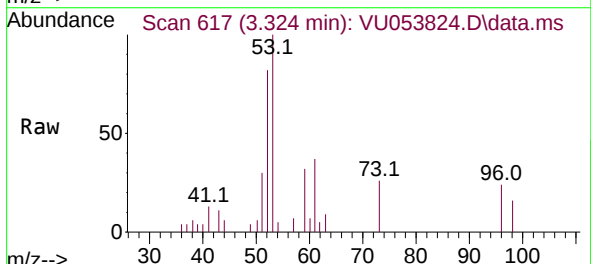
Manual Integrations
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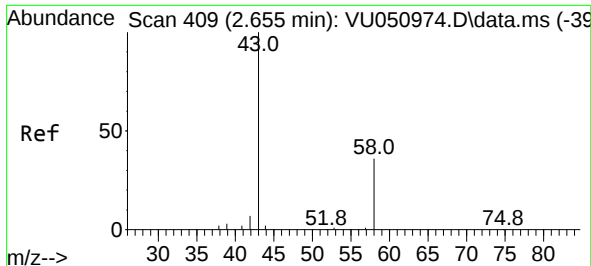
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#12
 Acrylonitrile
 Concen: 3.179 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.016 min
 Lab File: VU053824.D
 Acq: 21 Apr 2023 14:34

Tgt Ion: 53 Resp: 7379
 Ion Ratio Lower Upper
 53 100
 52 71.9 62.9 94.3
 51 29.6 27.8 41.6





#13

Acetone

Concen: 11.400 ug/l

RT: 2.645 min Scan# 409

Delta R.T. 0.026 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBS02

Tgt Ion: 43 Resp: 3699

Ion Ratio Lower Upper

43 100

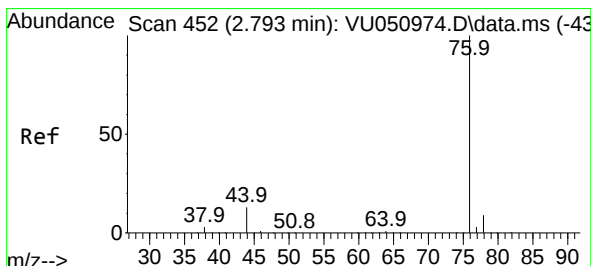
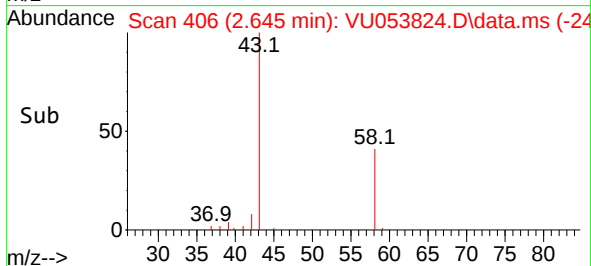
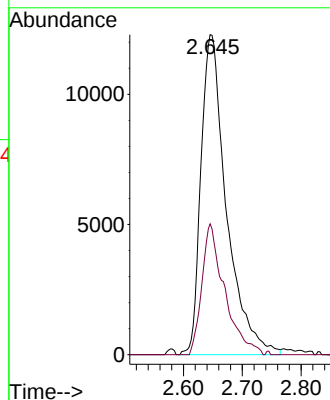
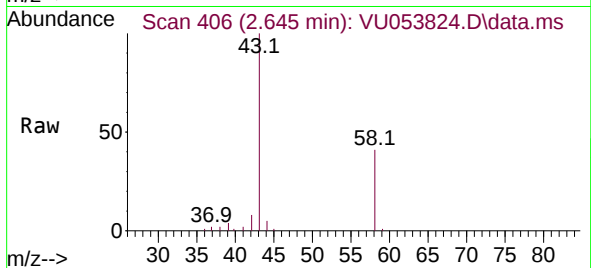
58 40.9 29.0 43.4

Manual Integrations

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Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#14

Carbon Disulfide

Concen: 1.774 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.006 min

Lab File: VU053824.D

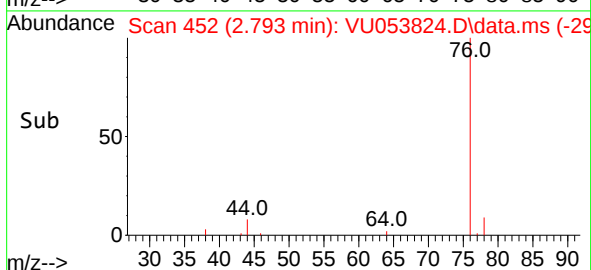
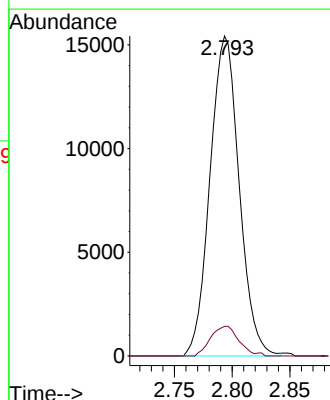
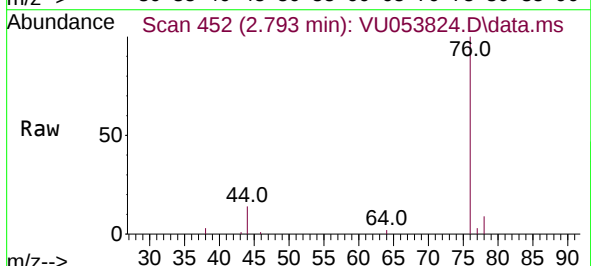
Acq: 21 Apr 2023 14:34

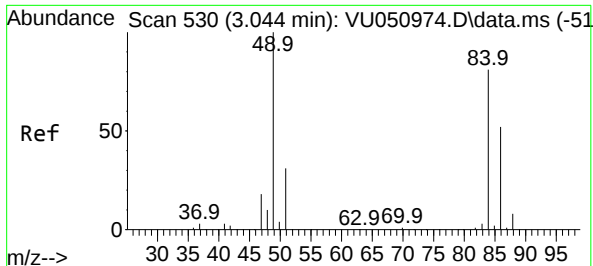
Tgt Ion: 76 Resp: 27073

Ion Ratio Lower Upper

76 100

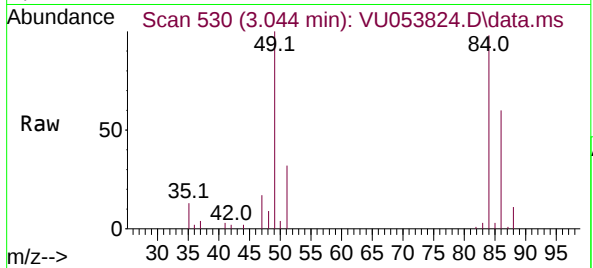
78 9.3 7.4 11.0





#15
Methylene Chloride
Concen: 1.969 ug/l
RT: 3.044 min Scan# 511
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

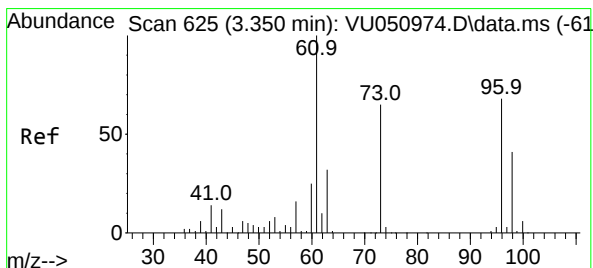
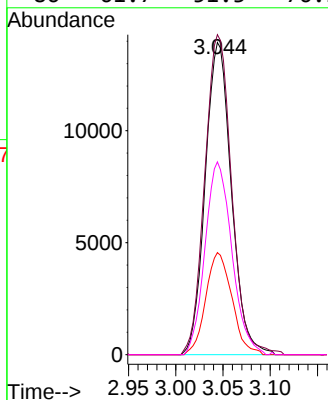
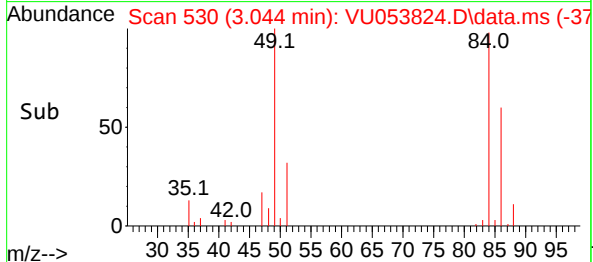
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



Tgt Ion: 84 Resp: 2680
Ion Ratio Lower Upper
84 100
49 102.5 98.9 148.3
51 32.7 0.0 75.4
86 61.7 51.3 76.9

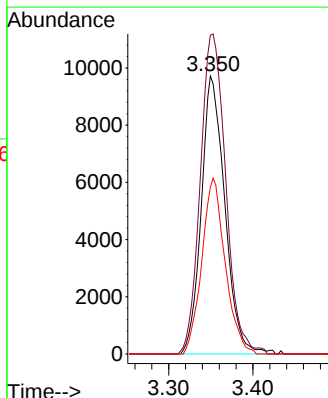
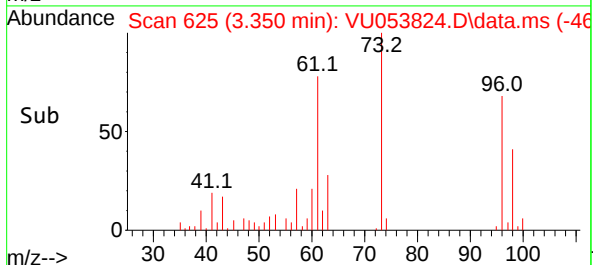
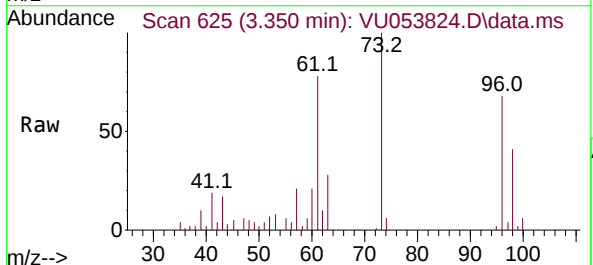
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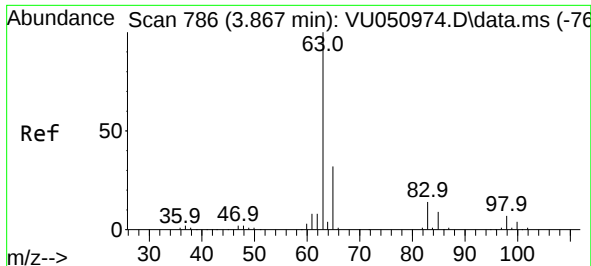
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#16
trans-1,2-Dichloroethene
Concen: 1.883 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 96 Resp: 18921
Ion Ratio Lower Upper
96 100
61 114.6 117.5 176.3#
98 60.0 48.3 72.5





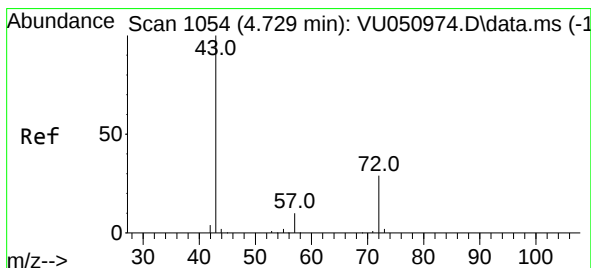
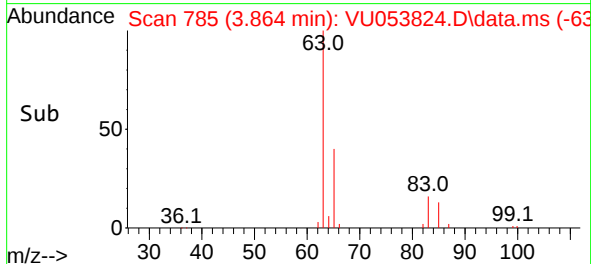
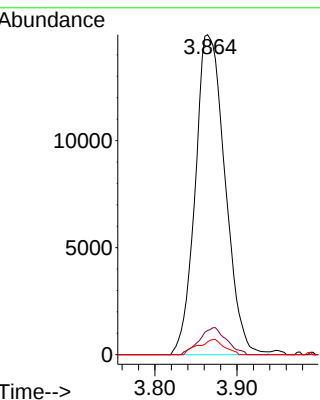
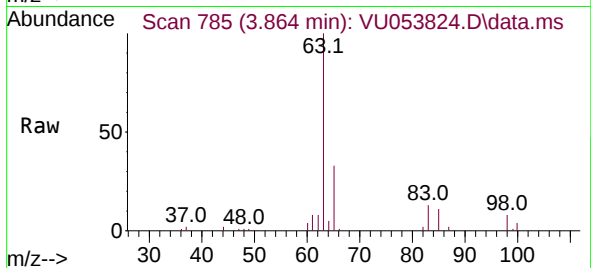
#17
1,1-Dichloroethane
Concen: 1.820 ug/l
RT: 3.864 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02

Tgt Ion: 63 Resp: 3770
Ion Ratio Lower Upper
63 100
98 7.5 3.4 10.1
100 4.0 2.2 6.6

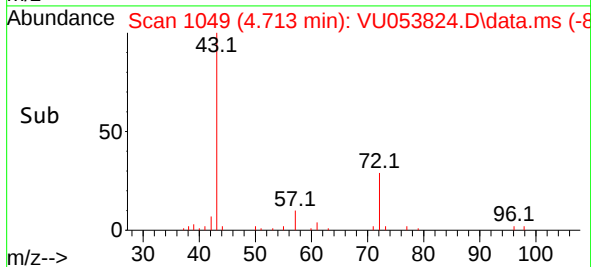
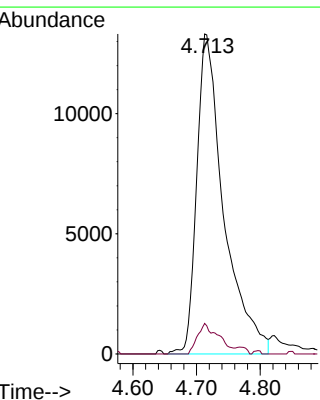
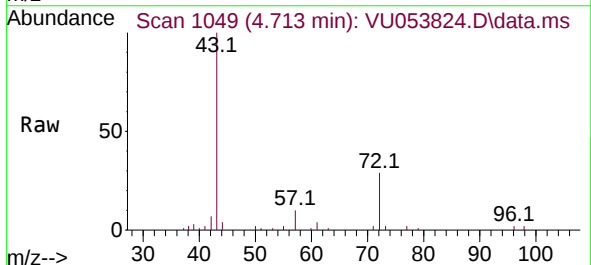
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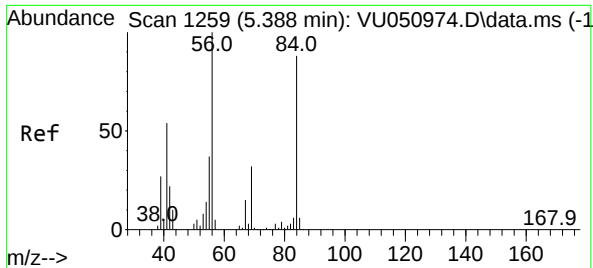
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#18
2-Butanone
Concen: 9.327 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

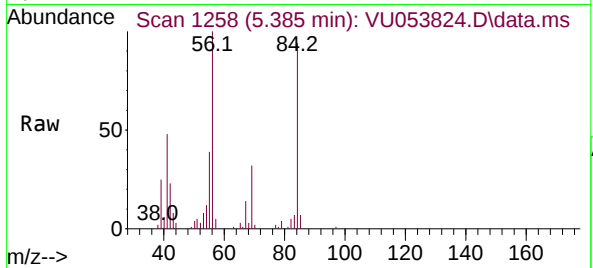
Tgt Ion: 43 Resp: 39232
Ion Ratio Lower Upper
43 100
57 9.5 0.0 19.6





#19
Cyclohexane
Concen: 1.698 ug/l m
RT: 5.385 min Scan# 1259
Delta R.T. 0.009 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

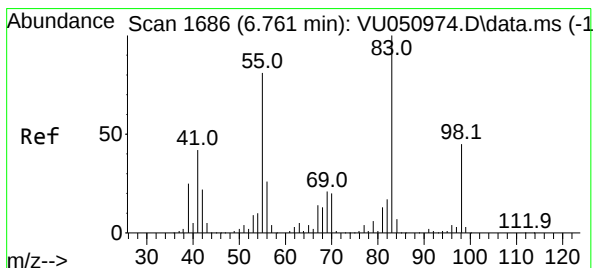
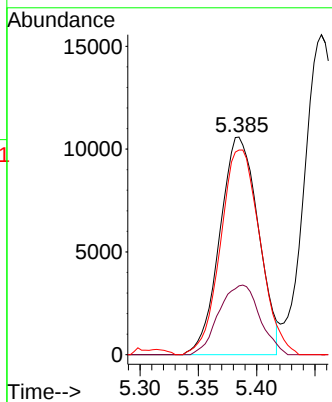
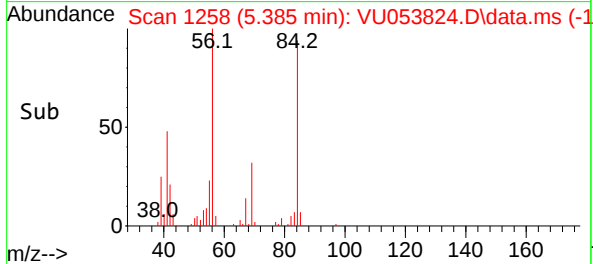
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



Tgt Ion: 56 Resp: 2434
Ion Ratio Lower Upper
56 100
69 33.9 24.6 37.0
84 96.4 68.4 102.6

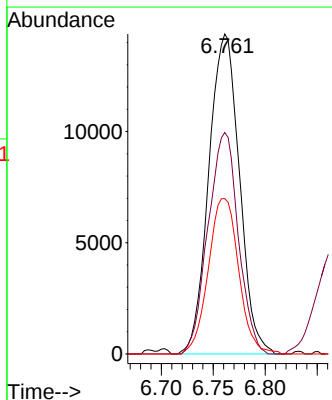
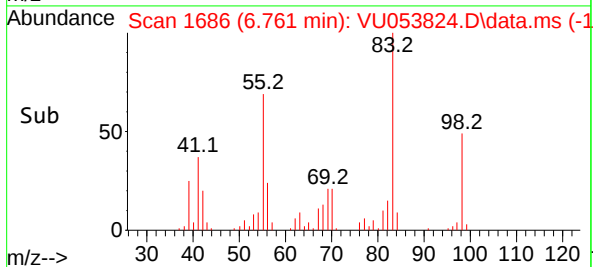
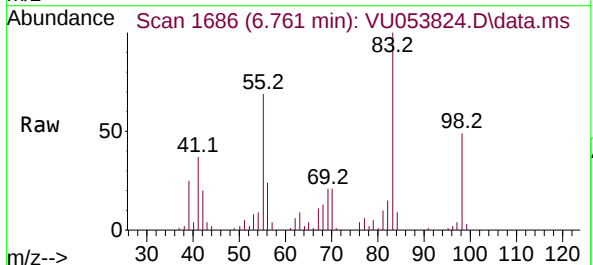
Manual Integrations
APPROVED

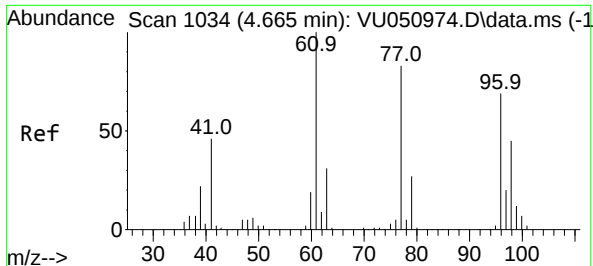
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#20
Methylcyclohexane
Concen: 2.291 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 83 Resp: 29470
Ion Ratio Lower Upper
83 100
55 68.6 63.5 95.3
98 48.3 36.0 54.0





#21

2,2-Dichloropropane

Concen: 1.859 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBS02

Tgt Ion: 77 Resp: 35000

Ion Ratio Lower Upper

77 100

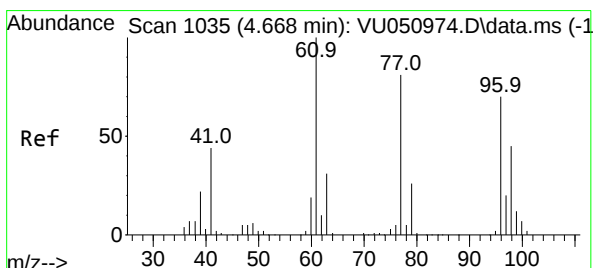
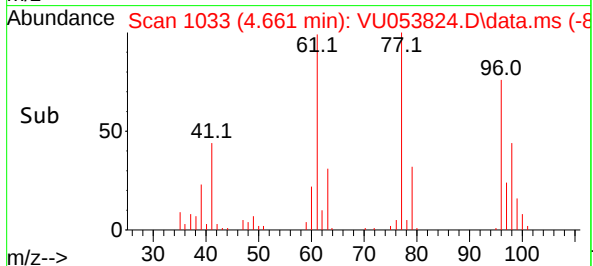
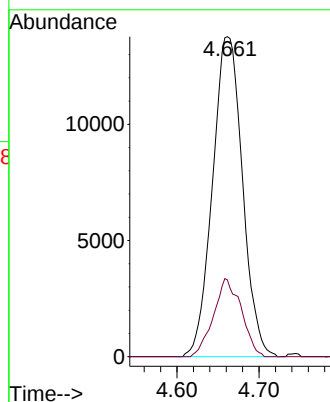
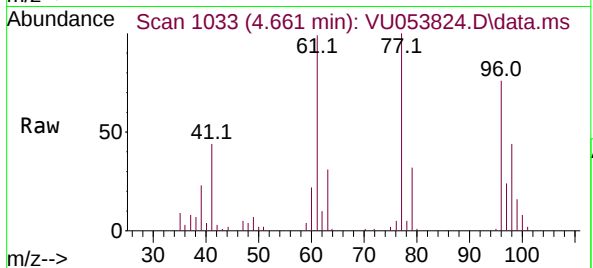
97 22.7 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#22

cis-1,2-Dichloroethene

Concen: 1.898 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

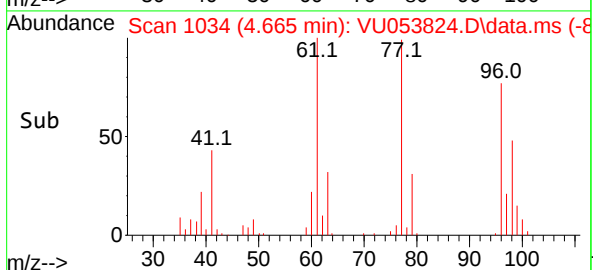
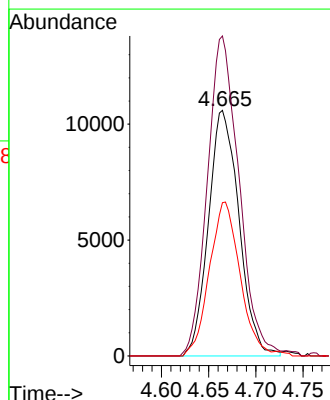
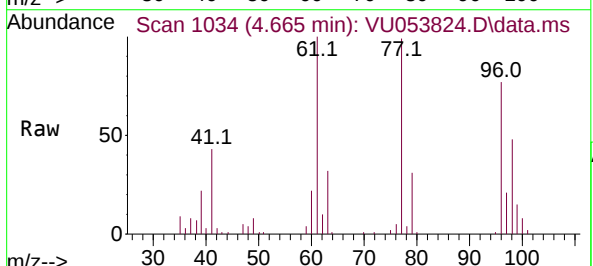
Tgt Ion: 96 Resp: 23856

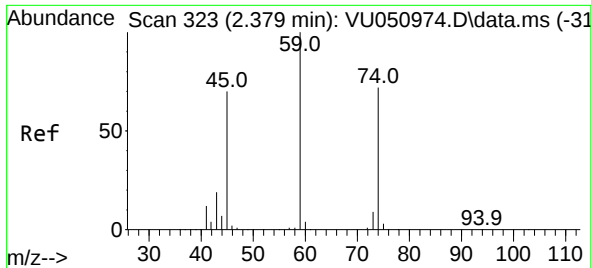
Ion Ratio Lower Upper

96 100

61 135.3 0.0 365.8

98 63.1 32.0 96.0





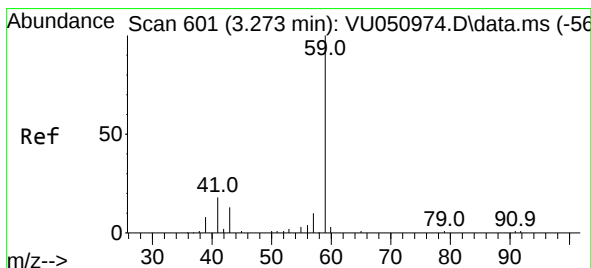
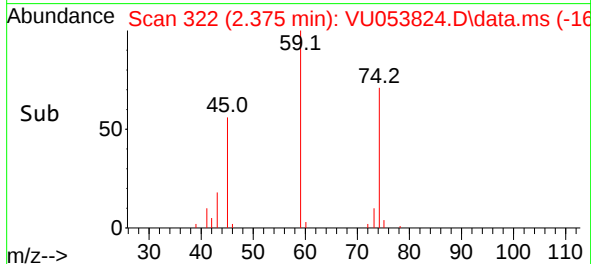
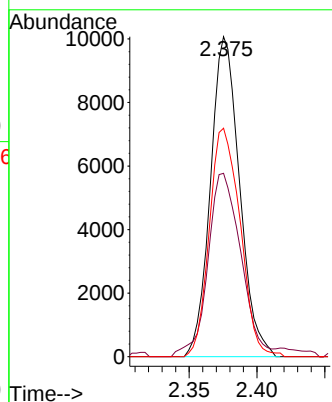
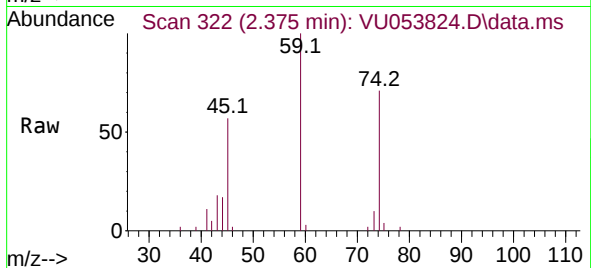
#23
Diethyl Ether
Concen: 2.192 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02

Tgt Ion: 59 Resp: 1501
Ion Ratio Lower Upper
59 100
45 64.9 56.1 84.1
74 75.5 57.4 86.2

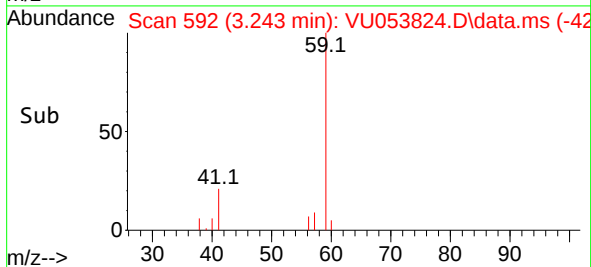
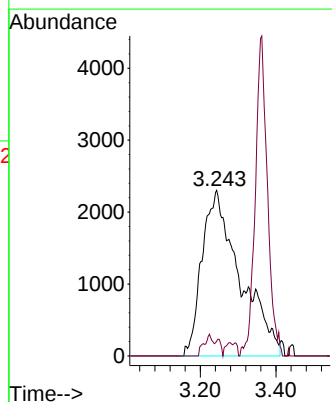
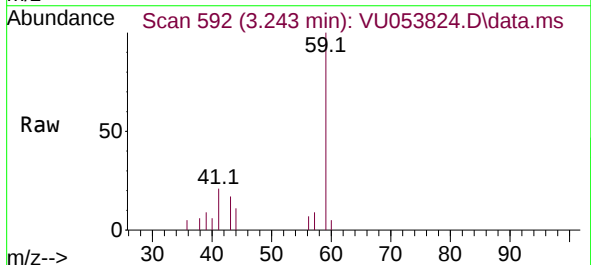
Manual Integrations
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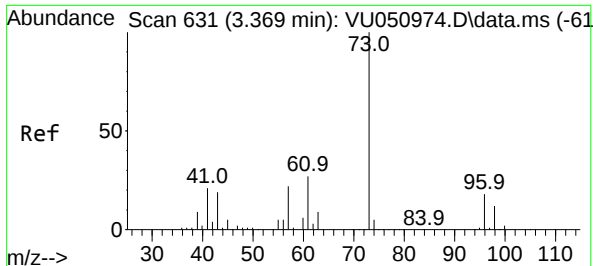
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#24
tert-Butyl Alcohol
Concen: 17.230 ug/l m
RT: 3.243 min Scan# 592
Delta R.T. 0.054 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

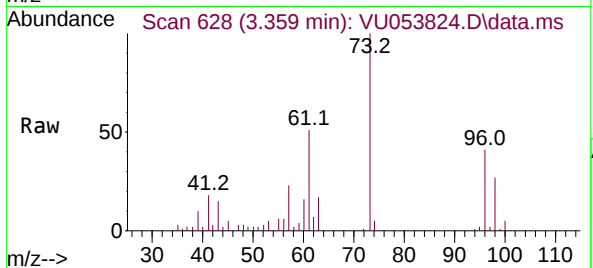
Tgt Ion: 59 Resp: 16069
Ion Ratio Lower Upper
59 100
57 3.1 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 1.768 ug/l
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

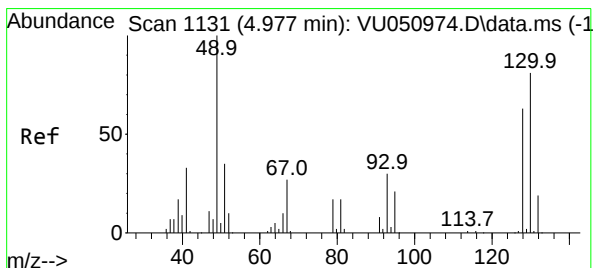
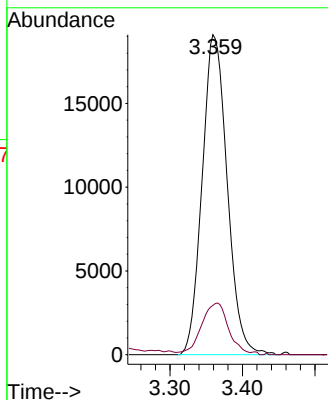
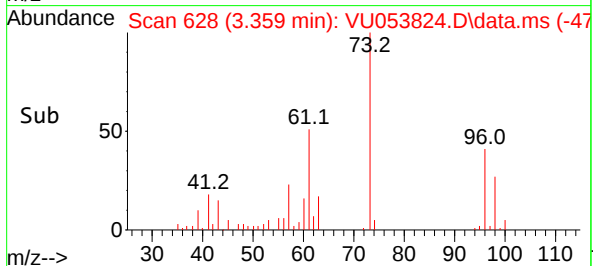
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



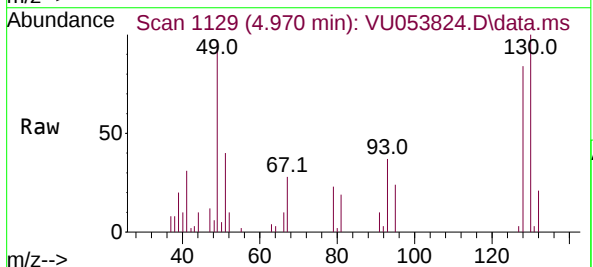
Tgt Ion: 73 Resp: 4583
Ion Ratio Lower Upper
73 100
43 15.8 15.0 22.6

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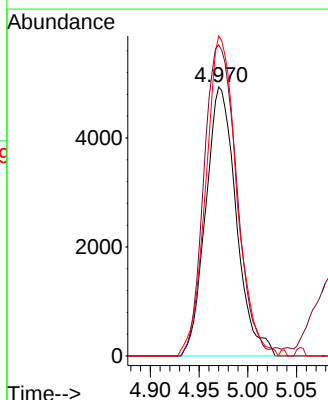
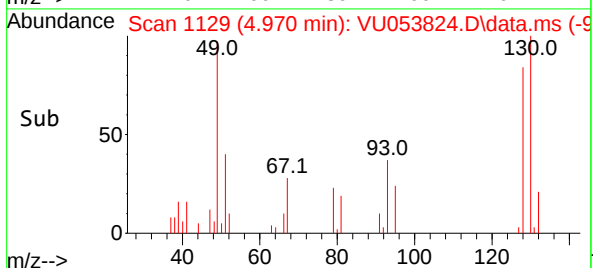
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

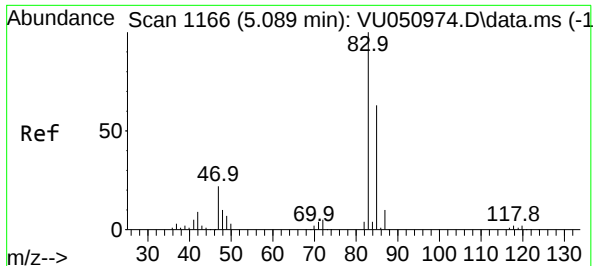


#26
Bromochloromethane
Concen: 1.930 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34



Tgt Ion:128 Resp: 10731
Ion Ratio Lower Upper
128 100
49 123.7 0.0 324.6
130 120.4 103.0 154.4





#27

Chloroform

Concen: 1.955 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBS02

Tgt Ion: 83 Resp: 4375

Ion Ratio Lower Upper

83 100

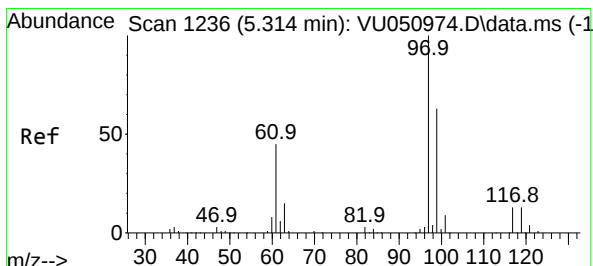
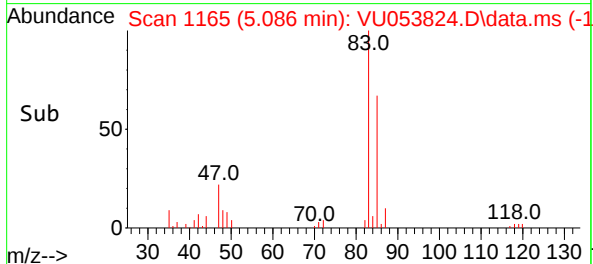
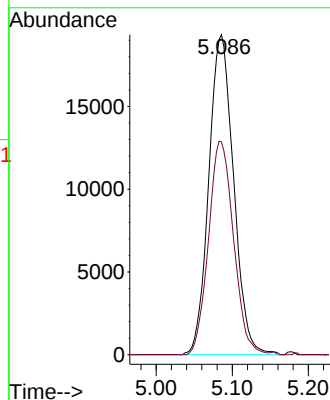
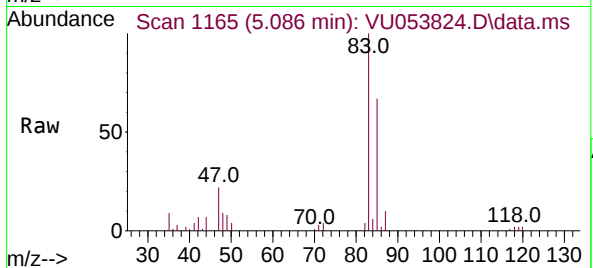
85 66.5 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#28

1,1,1-Trichloroethane

Concen: 2.022 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

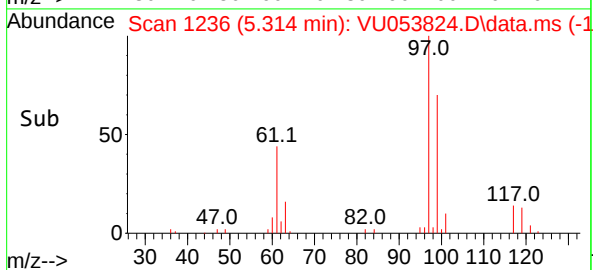
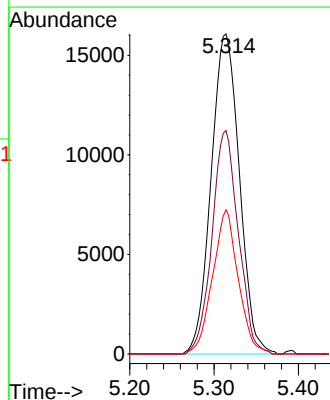
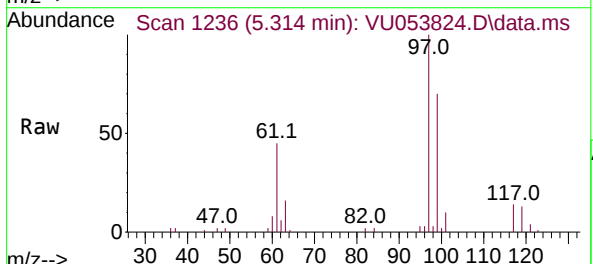
Tgt Ion: 97 Resp: 37488

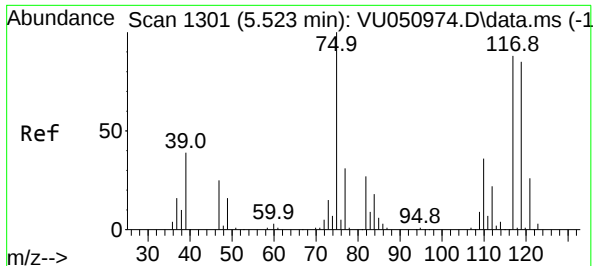
Ion Ratio Lower Upper

97 100

99 65.1 32.0 96.2

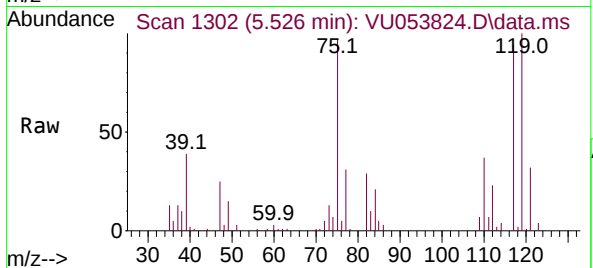
61 40.8 22.9 68.5





#29
1,1-Dichloropropene
Concen: 2.236 ug/l
RT: 5.526 min Scan# 11
Delta R.T. 0.009 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

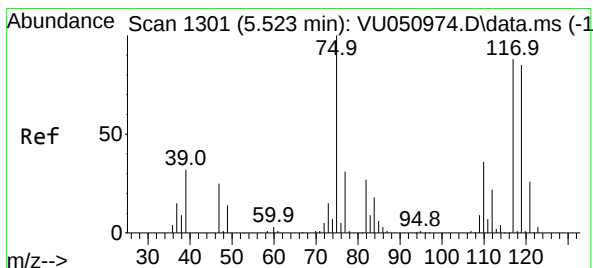
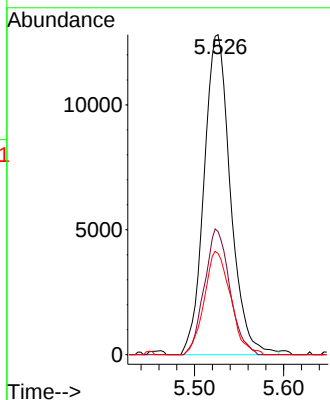
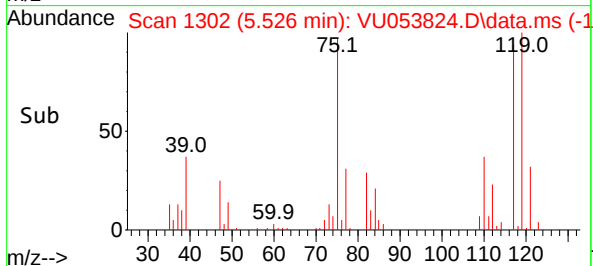
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



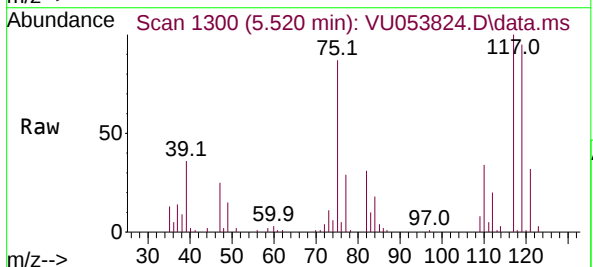
Tgt Ion: 75 Resp: 2638
Ion Ratio Lower Upper
75 100
110 37.8 18.0 54.0
77 32.2 24.7 37.1

Manual Integrations
APPROVED

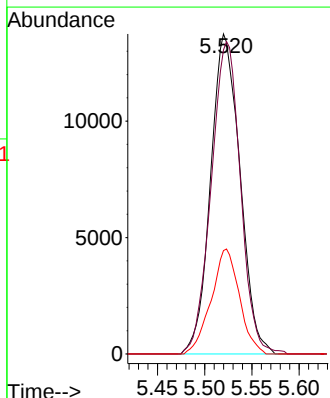
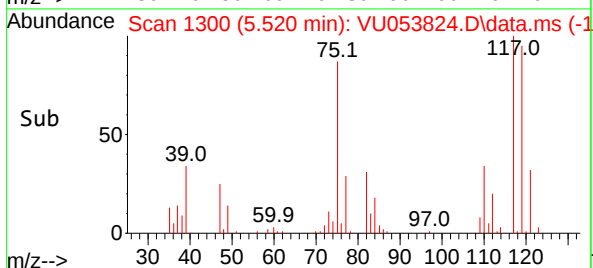
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

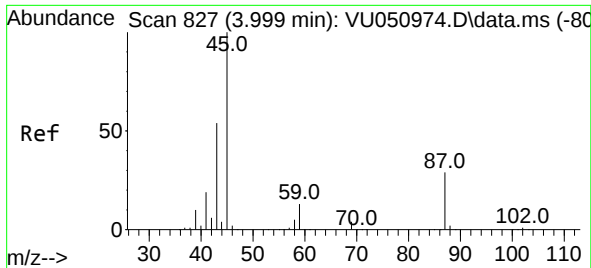


#30
Carbon Tetrachloride
Concen: 2.237 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34



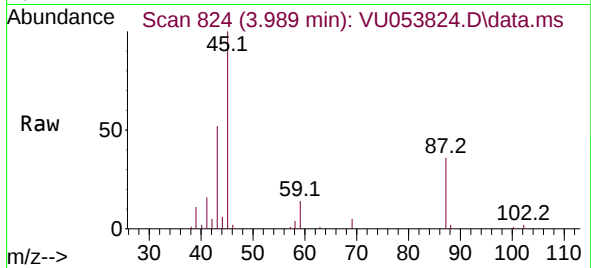
Tgt Ion:117 Resp: 29683
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0
121 32.3 24.0 36.0





#31
Isopropyl Ether
Concen: 1.721 ug/l
RT: 3.989 min Scan# 81
Delta R.T. -0.007 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

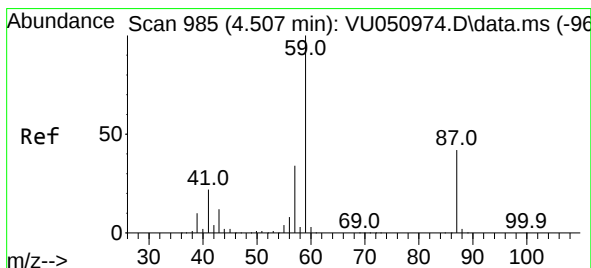
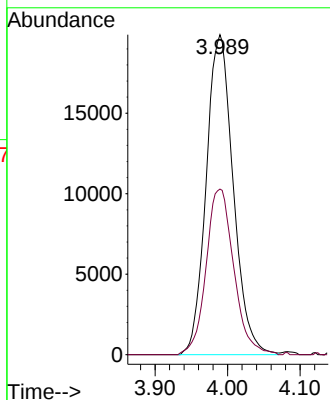
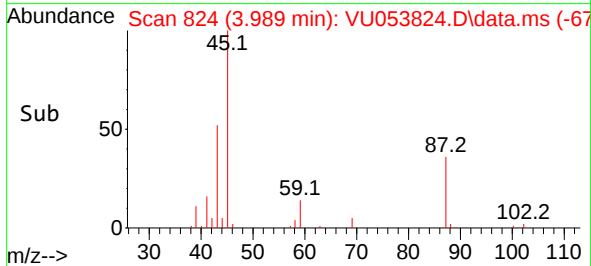
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



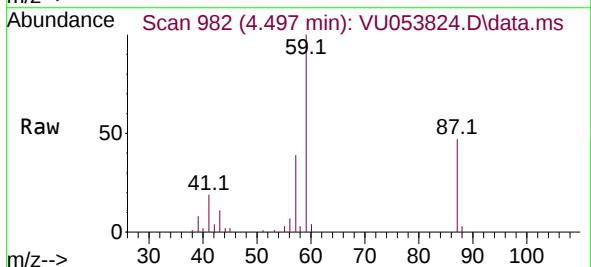
Tgt Ion: 45 Resp: 5156
Ion Ratio Lower Upper
45 100
43 53.0 27.5 82.5

Manual Integrations
APPROVED

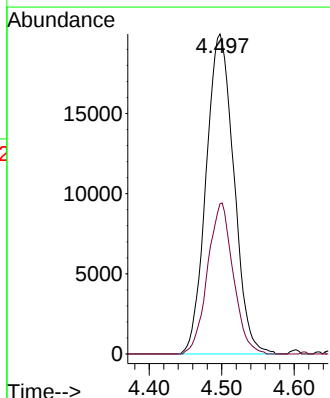
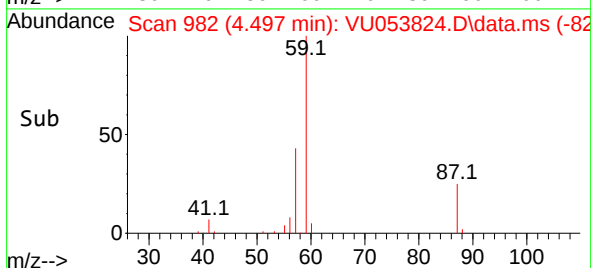
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

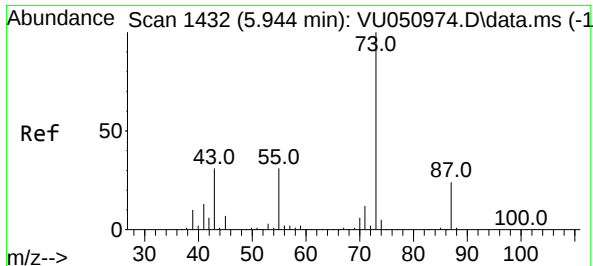


#32
Ethyl-t-butyl ether
Concen: 1.752 ug/l
RT: 4.497 min Scan# 982
Delta R.T. -0.010 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34



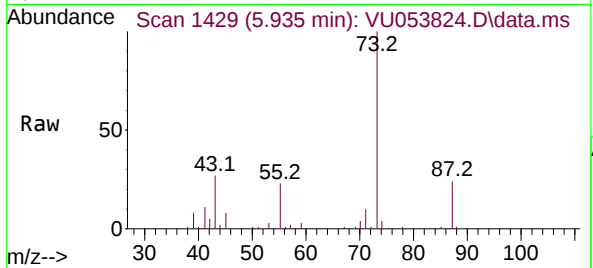
Tgt Ion: 59 Resp: 53106
Ion Ratio Lower Upper
59 100
87 43.6 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 2.217 ug/l
RT: 5.935 min Scan# 1432
Delta R.T. -0.009 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

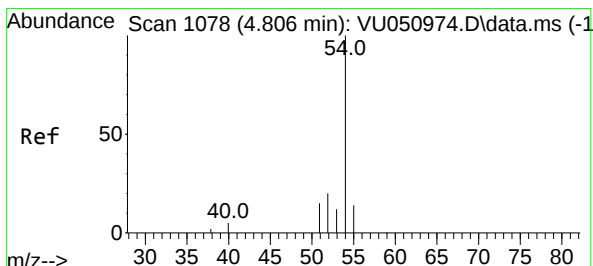
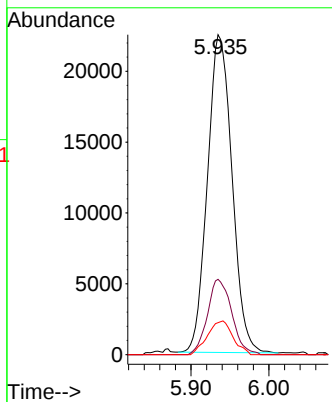
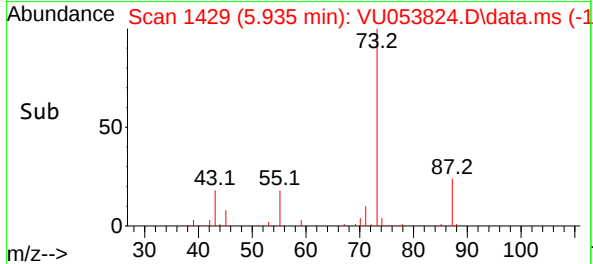
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



Tgt Ion: 73 Resp: 4910
Ion Ratio Lower Upper
73 100
87 23.5 18.6 28.0
71 11.0 9.9 14.9

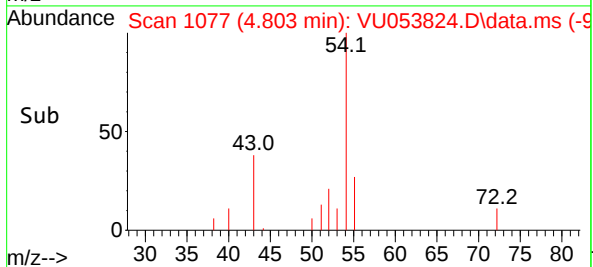
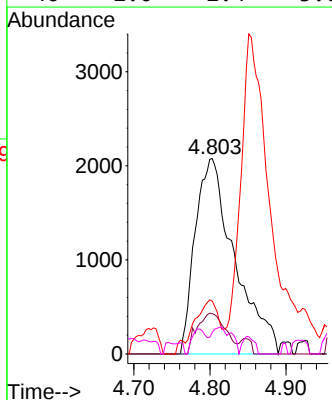
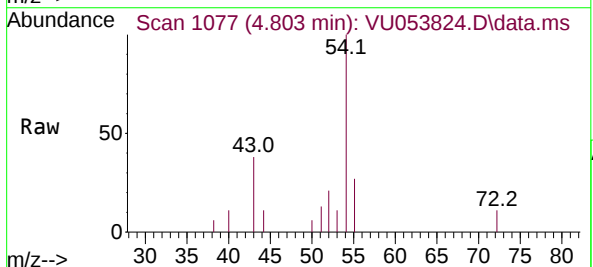
Manual Integrations
APPROVED

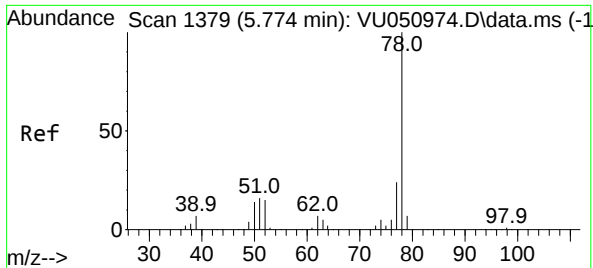
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#34
Propionitrile
Concen: 7.953 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.026 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 54 Resp: 7480
Ion Ratio Lower Upper
54 100
52 15.0 17.4 26.0#
55 11.7 104.1 156.1#
40 2.0 2.4 3.6#





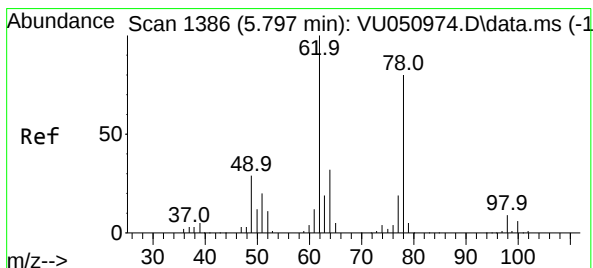
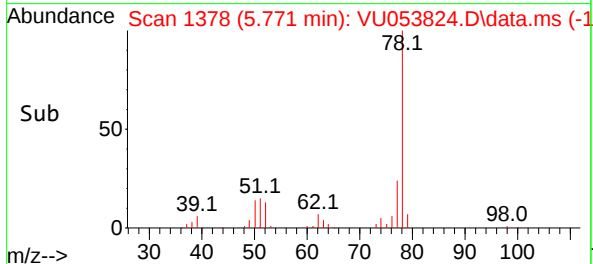
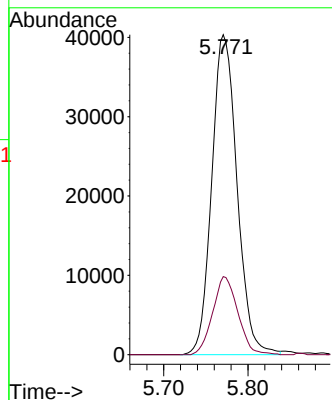
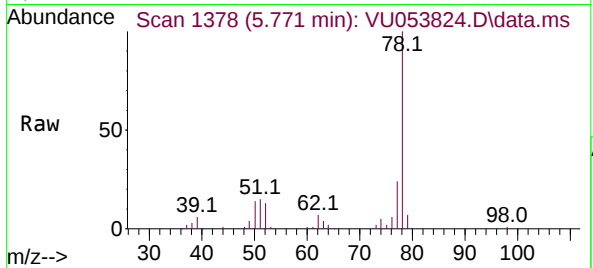
#35
Benzene
Concen: 2.312 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02

Tgt Ion: 78 Resp: 84050
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3

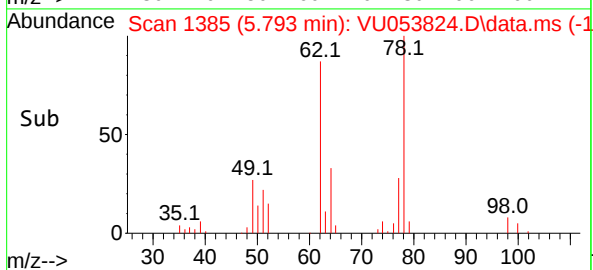
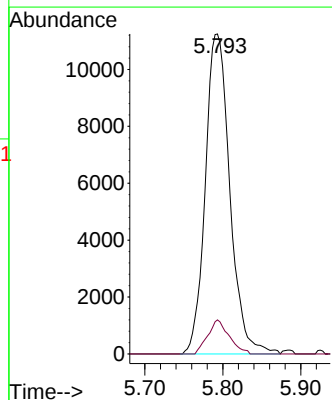
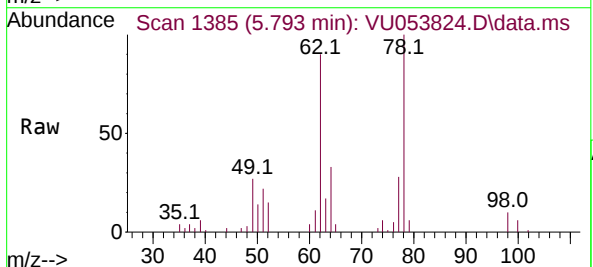
Manual Integrations
APPROVED

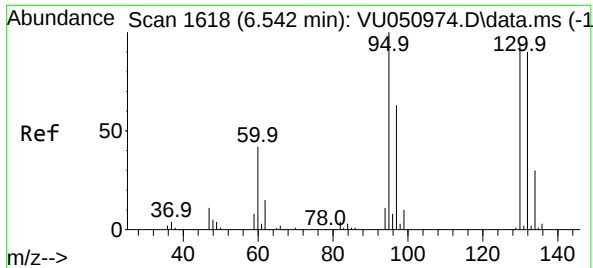
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#36
1,2-Dichloroethane
Concen: 2.157 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

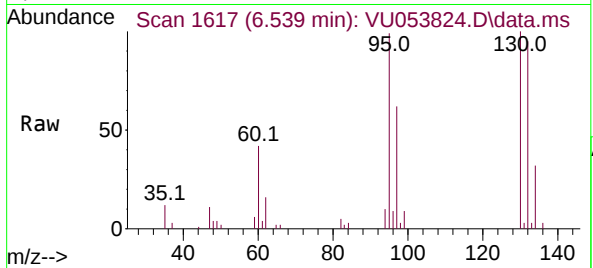
Tgt Ion: 62 Resp: 24630
Ion Ratio Lower Upper
62 100
98 9.3 7.3 10.9





#37
 Trichloroethene
 Concen: 2.379 ug/l
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.003 min
 Lab File: VU053824.D
 Acq: 21 Apr 2023 14:34

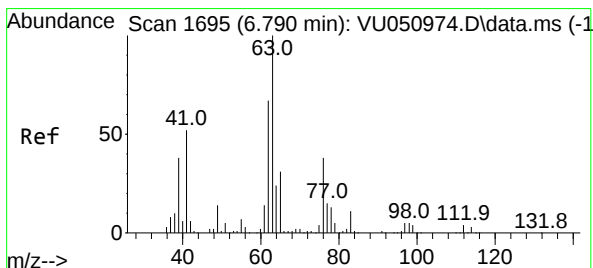
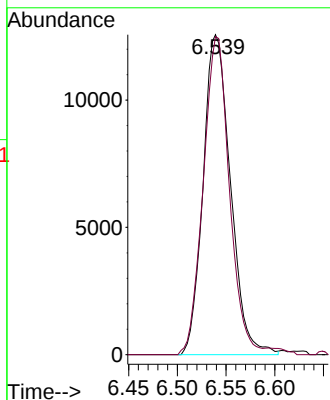
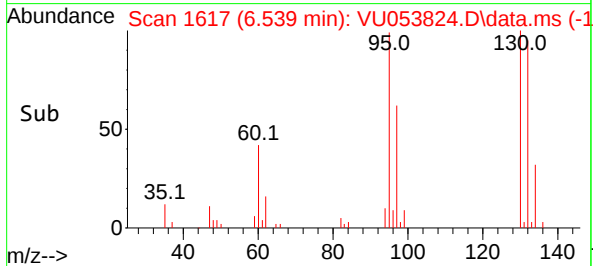
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0421WBS02



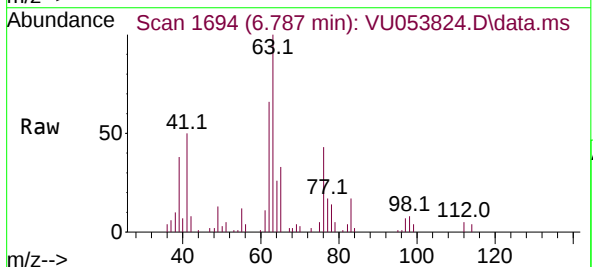
Tgt Ion:130 Resp: 24560
 Ion Ratio Lower Upper
 130 100
 95 99.4 85.0 127.6

Manual Integrations
 APPROVED

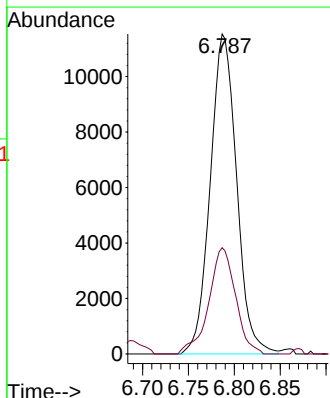
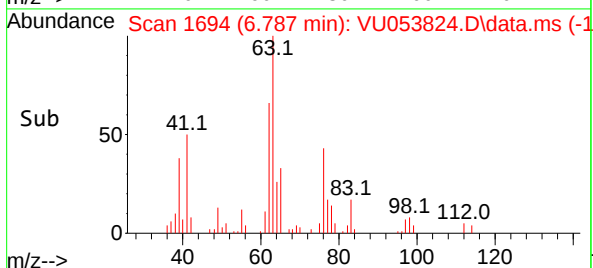
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

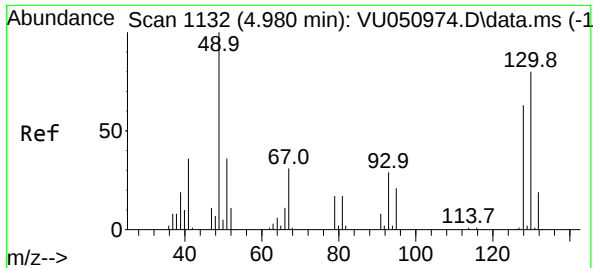


#38
 1,2-Dichloropropane
 Concen: 2.232 ug/l
 RT: 6.787 min Scan# 1694
 Delta R.T. -0.003 min
 Lab File: VU053824.D
 Acq: 21 Apr 2023 14:34



Tgt Ion: 63 Resp: 23096
 Ion Ratio Lower Upper
 63 100
 65 33.2 24.9 37.3





#39

Methacrylonitrile

Concen: 1.360 ug/l

RT: 4.976 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBS02

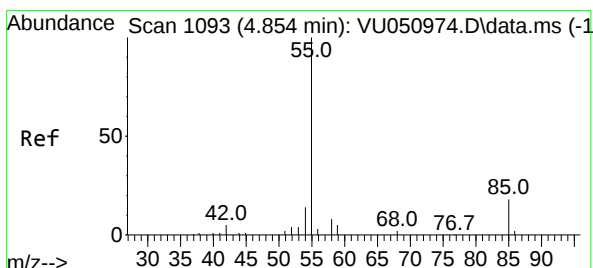
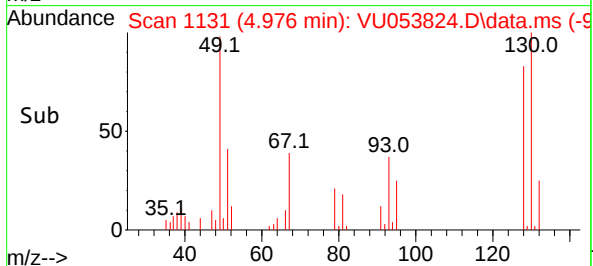
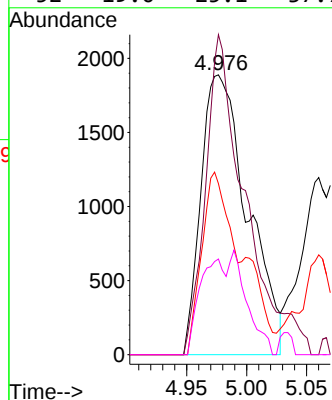
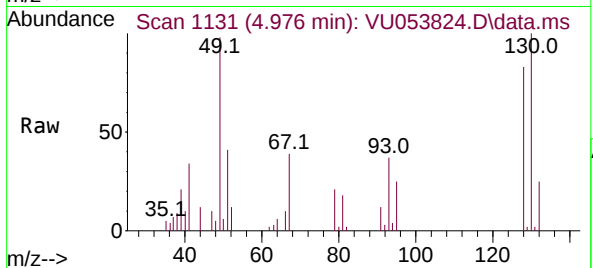
Tgt Ion: 41	Resp: 510
Ion Ratio	Lower Upper
41 100	
67 97.7	66.8 100.2
39 42.9	41.2 61.8
52 19.0	25.1 37.7#

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#40

Methyl acrylate

Concen: 1.193 ug/l

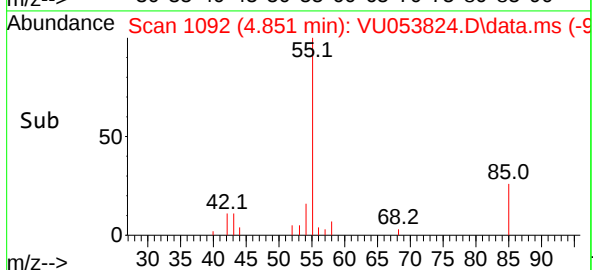
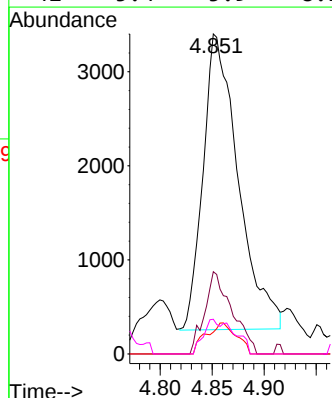
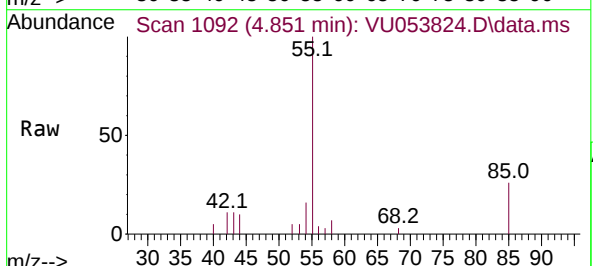
RT: 4.851 min Scan# 1092

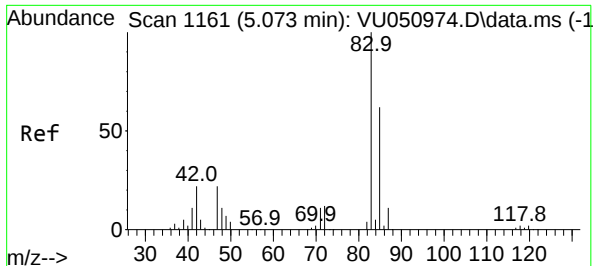
Delta R.T. 0.006 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Tgt Ion: 55	Resp: 7393
Ion Ratio	Lower Upper
55 100	
85 21.6	13.3 19.9#
58 9.0	6.5 9.7
42 5.4	5.9 8.9#





#41

Tetrahydrofuran

Concen: 3.034 ug/l

RT: 5.066 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBS02

Tgt Ion: 42 Resp: 5644

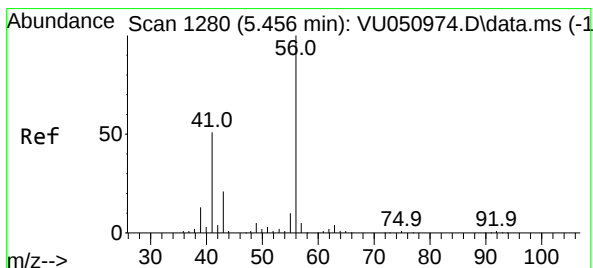
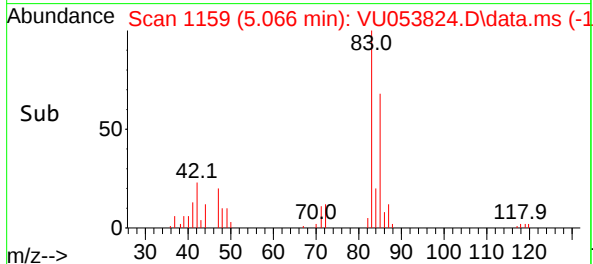
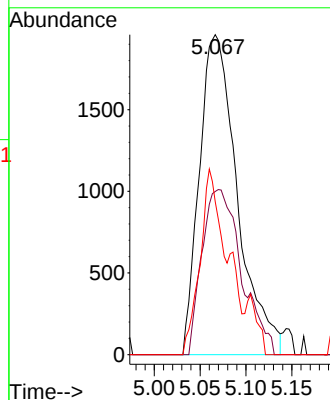
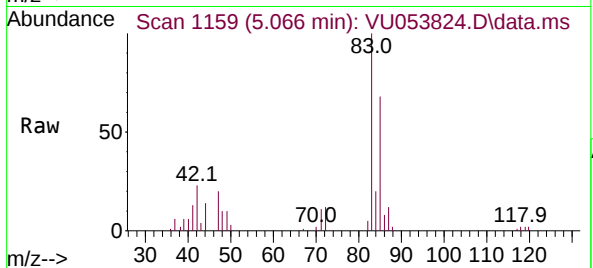
Ion	Ratio	Lower	Upper
42	100		
72	53.6	40.9	61.3
71	32.5	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#42

1-Chlorobutane

Concen: 2.094 ug/l

RT: 5.456 min Scan# 1280

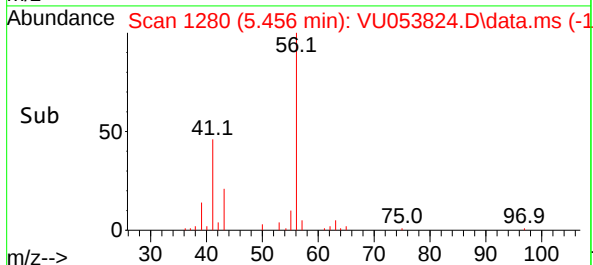
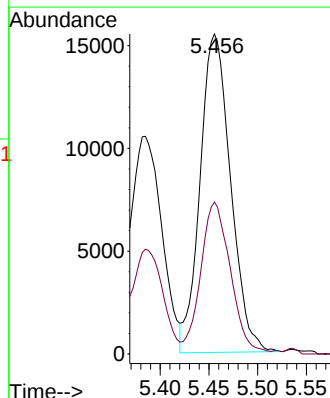
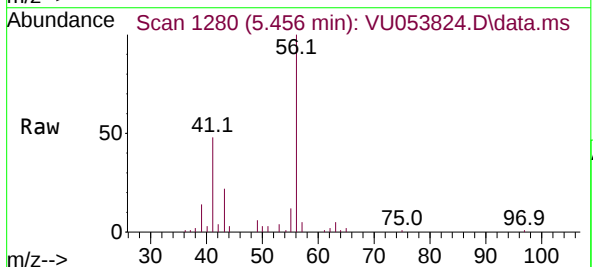
Delta R.T. 0.006 min

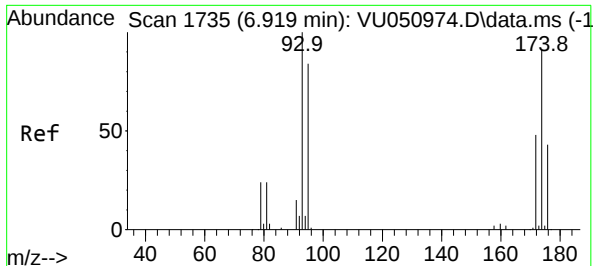
Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Tgt Ion: 56 Resp: 33730

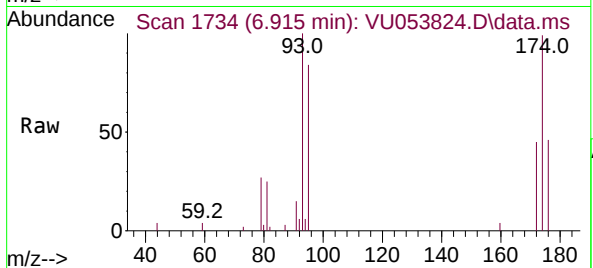
Ion	Ratio	Lower	Upper
56	100		
41	45.1	25.2	75.6





#43
Dibromomethane
Concen: 2.140 ug/l
RT: 6.915 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

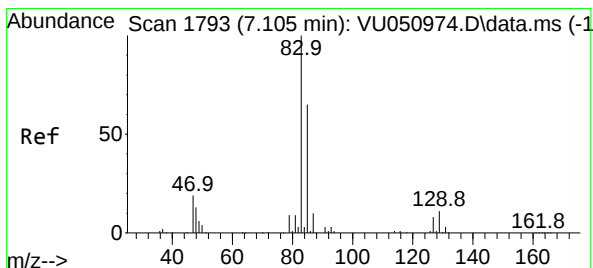
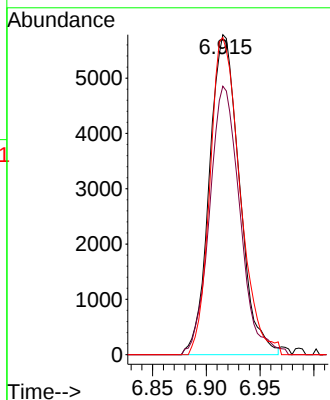
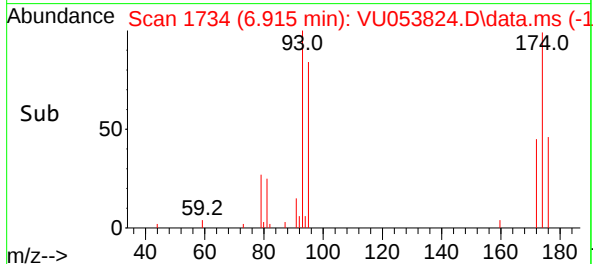
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



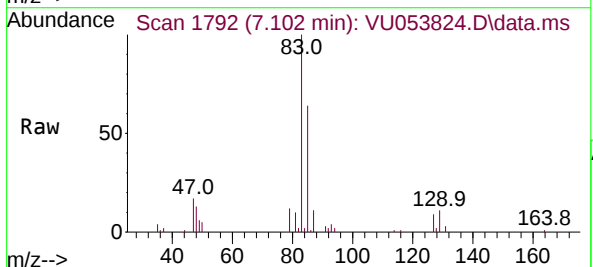
Tgt Ion: 93 Resp: 1123
Ion Ratio Lower Upper
93 100
95 84.6 67.0 100.6
174 98.9 73.8 110.6

Manual Integrations
APPROVED

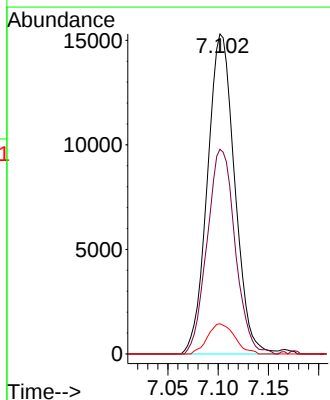
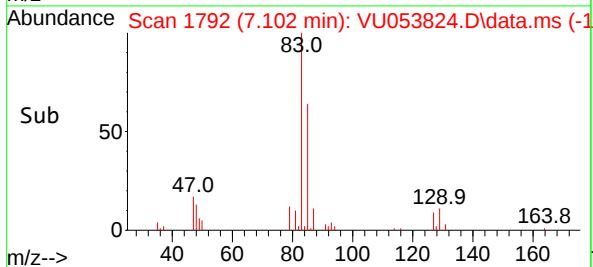
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

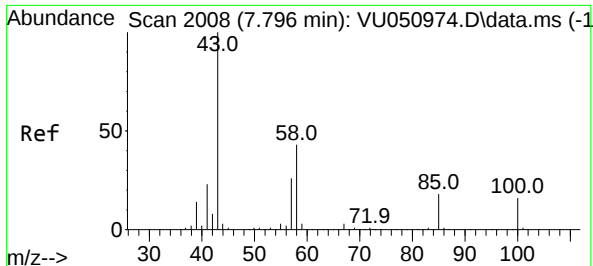


#44
Bromodichloromethane
Concen: 2.181 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34



Tgt Ion: 83 Resp: 28854
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9
127 9.4 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 10.761 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.007 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBS02

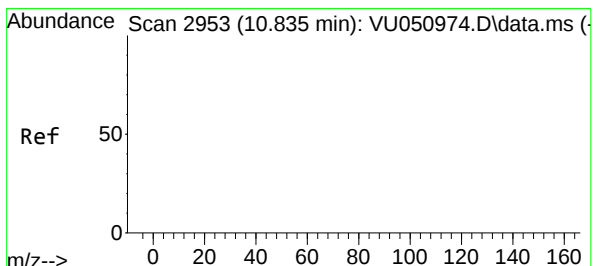
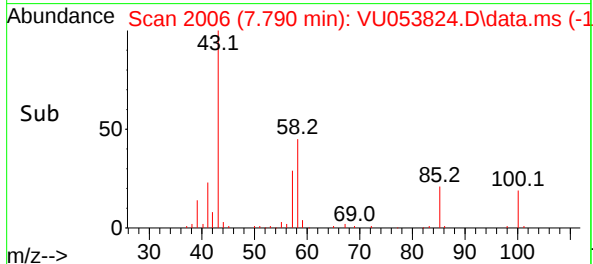
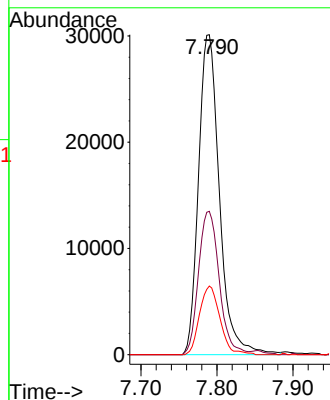
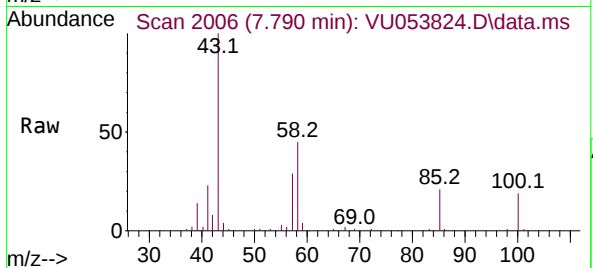
Tgt Ion: 43	Resp: 5744
Ion Ratio	Lower Upper
43 100	
58 44.5	20.9 62.8
85 21.0	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#46

t-1,4-Dichloro-2-butene

Concen: 3.894 ug/l m

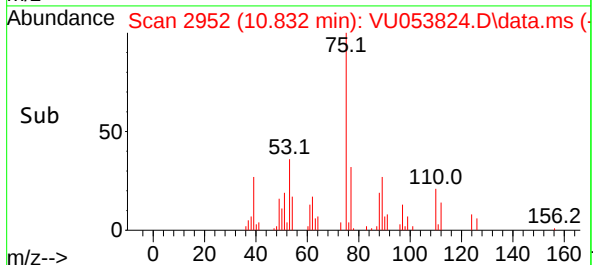
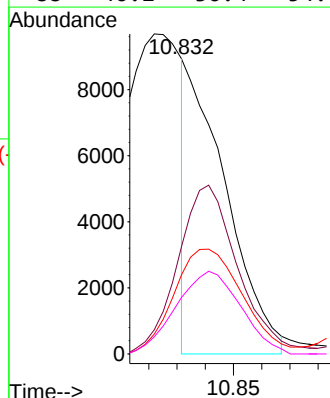
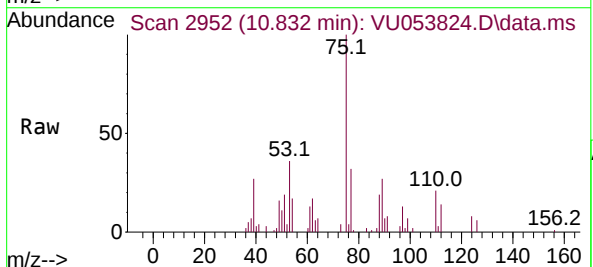
RT: 10.832 min Scan# 2952

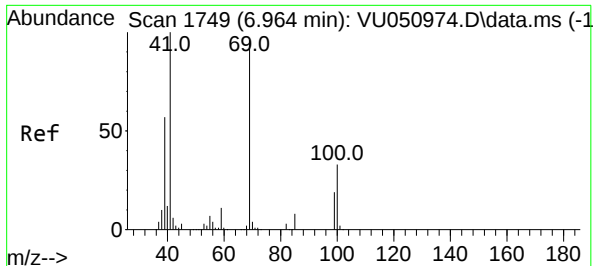
Delta R.T. -0.000 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Tgt Ion: 75	Resp: 8631
Ion Ratio	Lower Upper
75 100	
53 88.4	73.3 109.9
89 62.6	48.2 72.4
88 46.2	36.4 54.6





#47

Methyl methacrylate

Concen: 4.153 ug/l

RT: 6.960 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBS02

Tgt Ion: 69 Resp: 1914

Ion Ratio Lower Upper

69 100

41 96.9 0.0 209.2

39 55.1 46.7 70.1

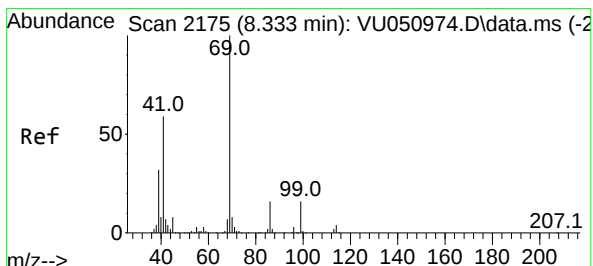
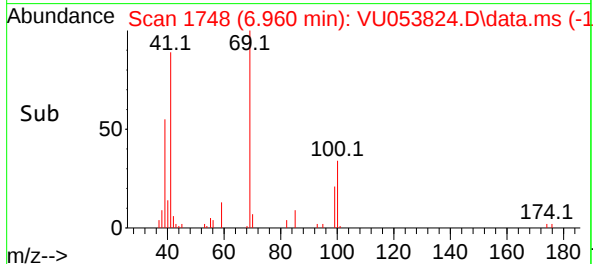
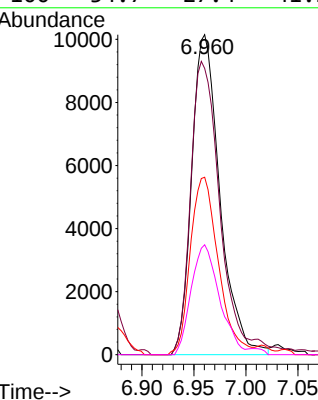
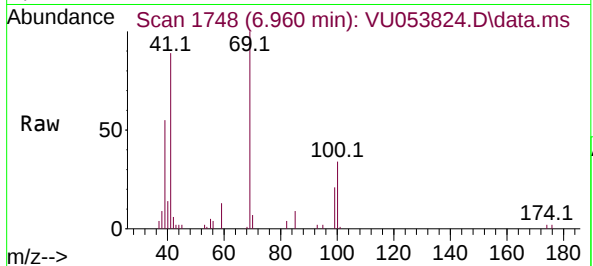
100 34.7 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#48

Ethyl methacrylate

Concen: 2.066 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VU053824.D

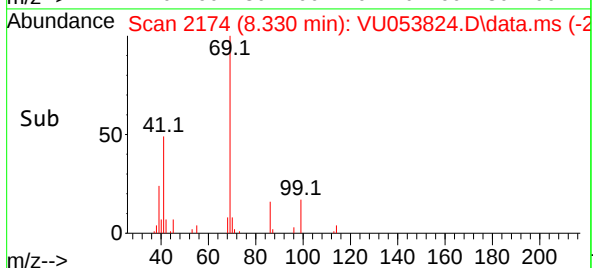
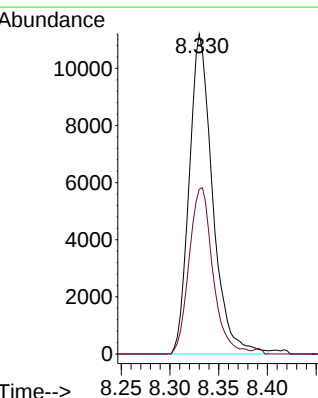
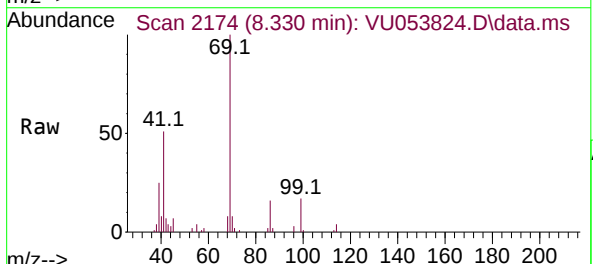
Acq: 21 Apr 2023 14:34

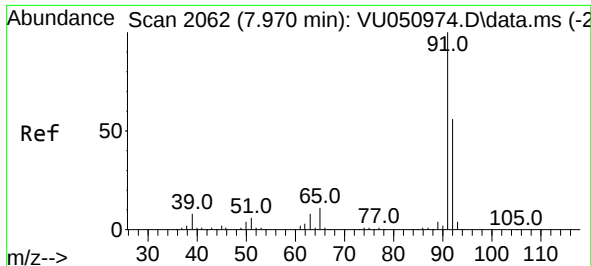
Tgt Ion: 69 Resp: 18668

Ion Ratio Lower Upper

69 100

41 52.8 30.3 90.8





#49

Toluene

Concen: 2.270 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBS02

Tgt Ion: 92 Resp: 52010

Ion Ratio Lower Upper

92 100

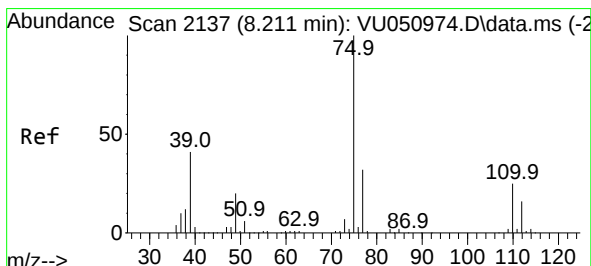
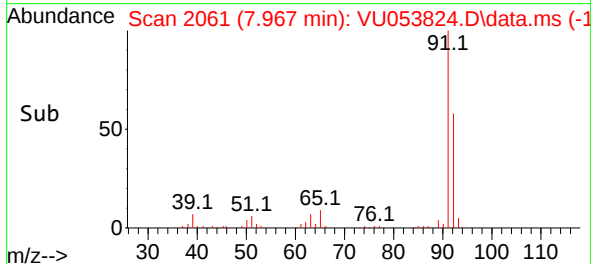
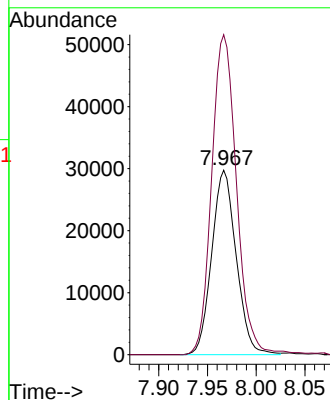
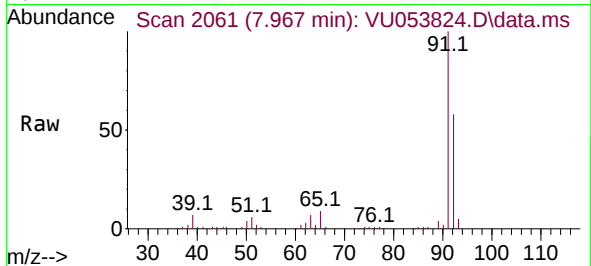
91 176.2 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#50

t-1,3-Dichloropropene

Concen: 2.212 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU053824.D

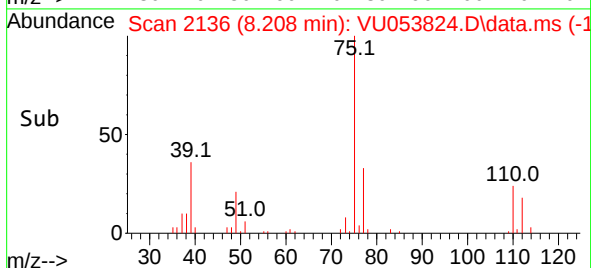
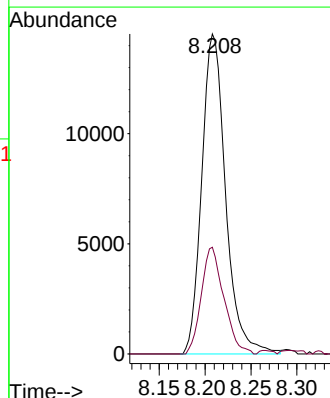
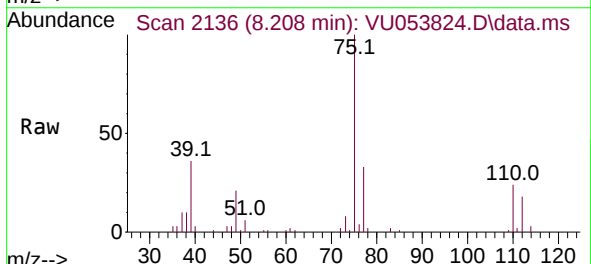
Acq: 21 Apr 2023 14:34

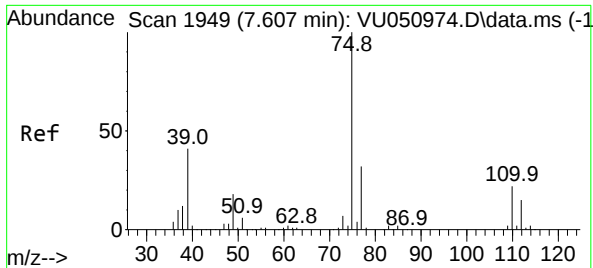
Tgt Ion: 75 Resp: 26289

Ion Ratio Lower Upper

75 100

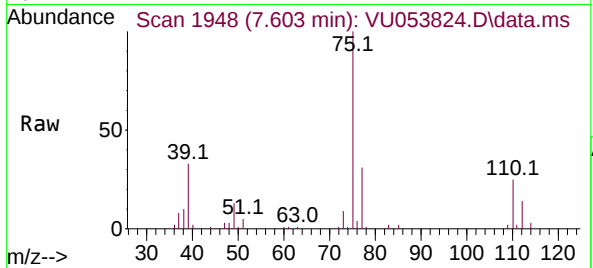
77 33.4 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 2.223 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: VU053824.D
 Acq: 21 Apr 2023 14:34

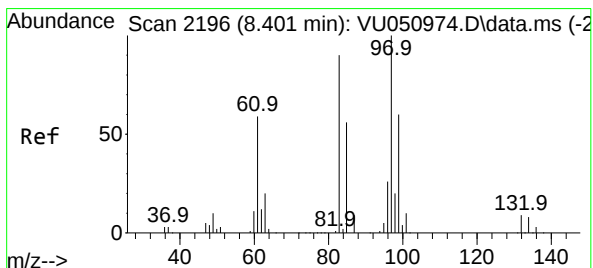
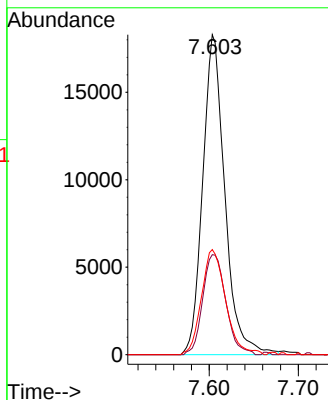
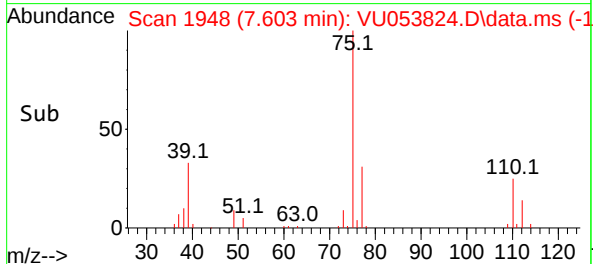
Instrument : MSVOA_U
 ClientSampleId : VU0421WBS02



Tgt Ion: 75 Resp: 31552
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5
 39 32.8 32.8 49.2

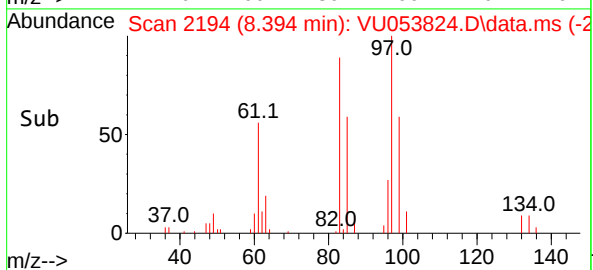
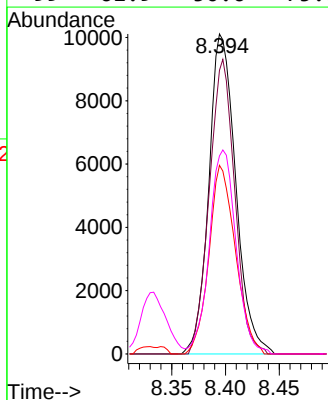
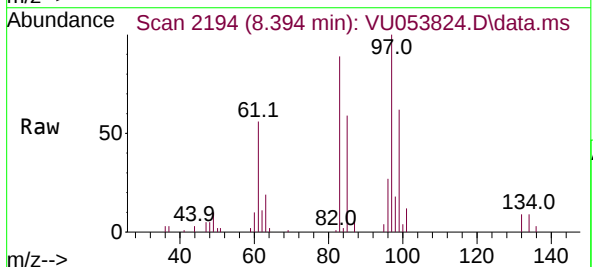
Manual Integrations
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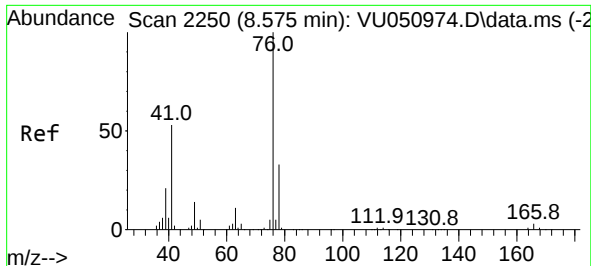
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#52
 1,1,2-Trichloroethane
 Concen: 2.119 ug/l
 RT: 8.394 min Scan# 2194
 Delta R.T. -0.003 min
 Lab File: VU053824.D
 Acq: 21 Apr 2023 14:34

Tgt Ion: 97 Resp: 17645
 Ion Ratio Lower Upper
 97 100
 83 88.7 71.8 107.8
 85 59.0 45.2 67.8
 99 61.9 50.6 75.8





#53

1,3-Dichloropropane

Concen: 2.234 ug/l

RT: 8.571 min Scan# 2249

Delta R.T. -0.000 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBS02

Tgt Ion: 76 Resp: 2913

Ion Ratio Lower Upper

76 100

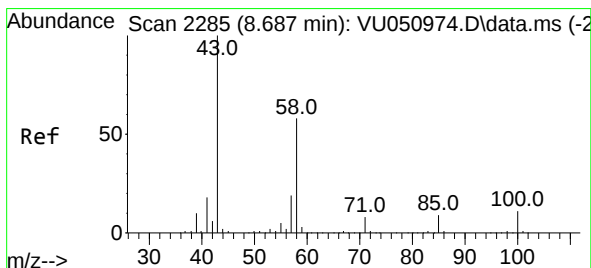
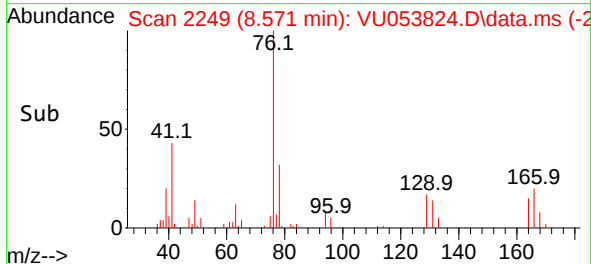
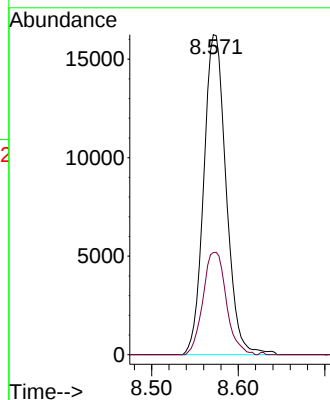
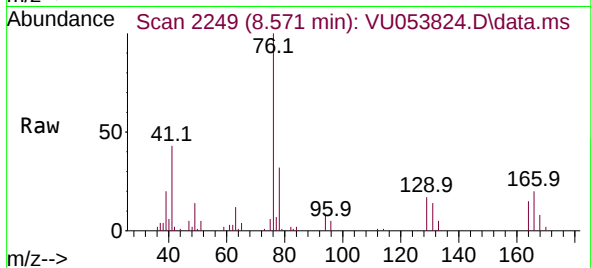
78 33.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#54

2-Hexanone

Concen: 11.535 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.003 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

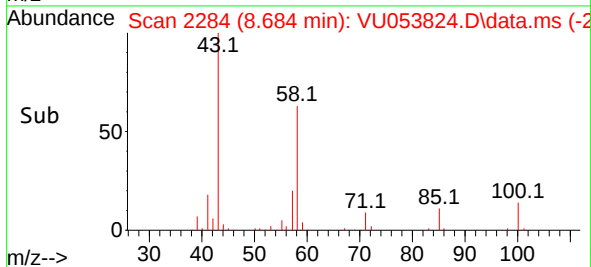
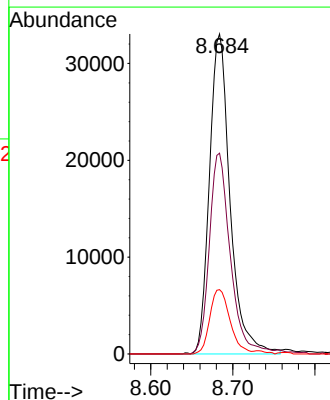
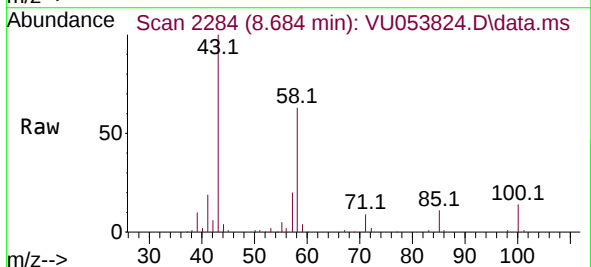
Tgt Ion: 43 Resp: 57746

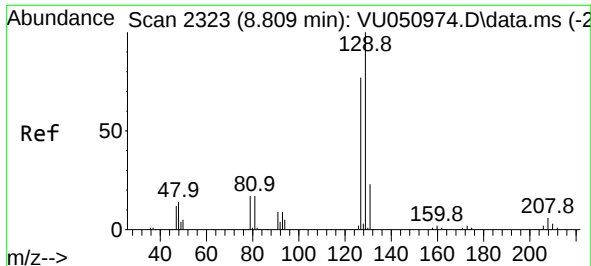
Ion Ratio Lower Upper

43 100

58 63.7 38.2 78.2

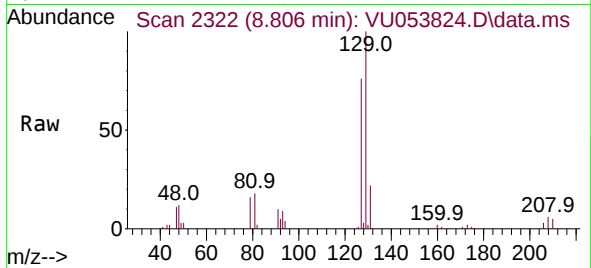
57 19.7 0.0 39.1





#55
Dibromochloromethane
Concen: 2.127 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

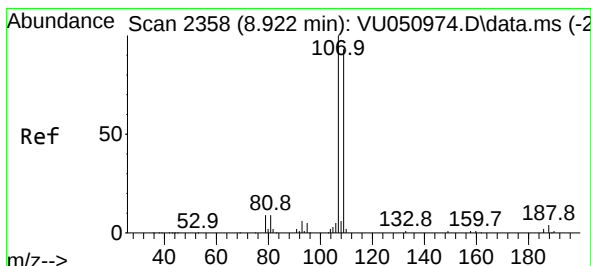
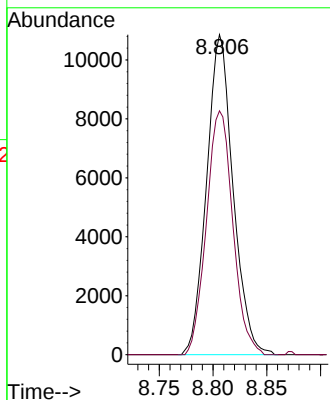
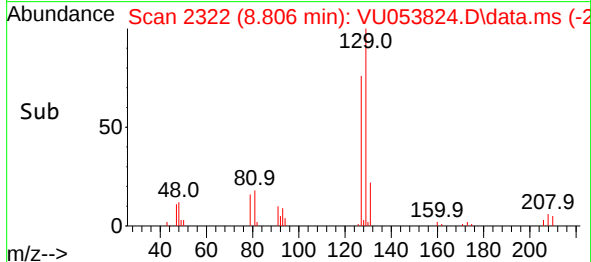
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



Tgt Ion:129 Resp: 18620
Ion Ratio Lower Upper
129 100
127 75.8 61.4 92.0

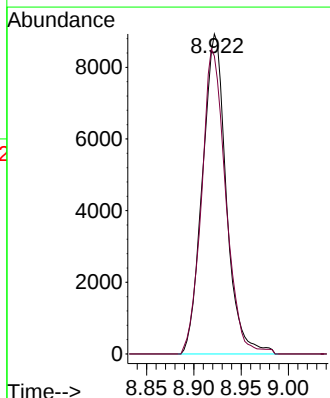
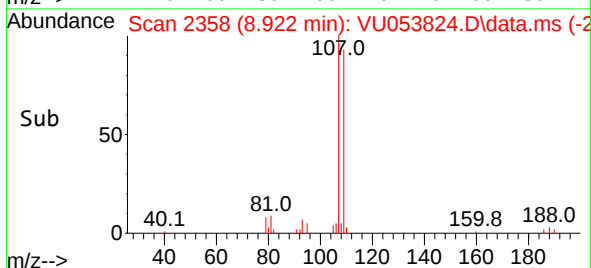
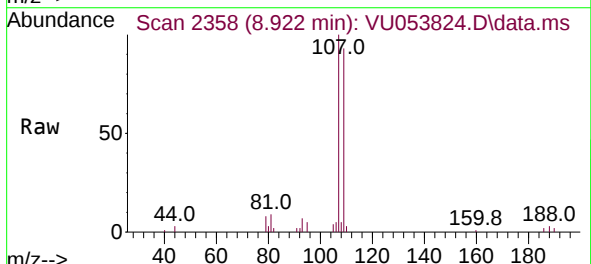
Manual Integrations
APPROVED

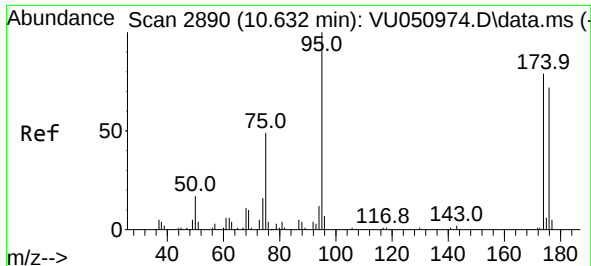
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#56
1,2-Dibromoethane
Concen: 2.183 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Tgt Ion:107 Resp: 15676
Ion Ratio Lower Upper
107 100
109 96.4 0.0 184.4





#57

4-Bromofluorobenzene

Concen: 1.014 ug/l

RT: 10.629 min Scan# 2889

Delta R.T. -0.003 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBS02

Tgt Ion: 95 Resp: 13080

Ion Ratio Lower Upper

95 100

174 77.7 63.3 94.9

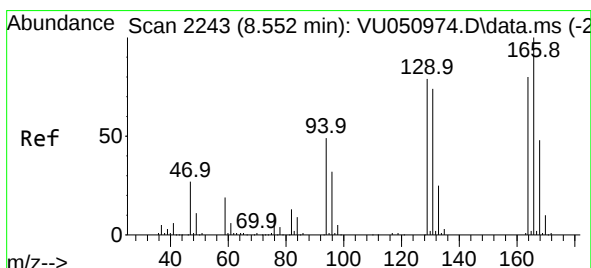
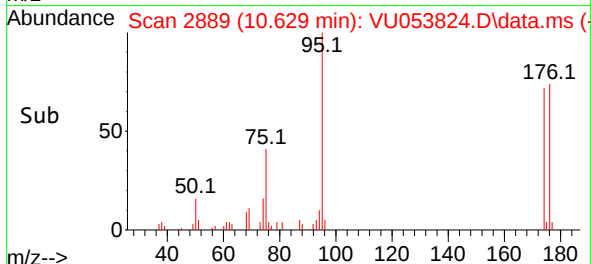
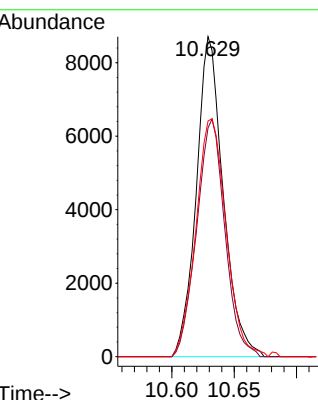
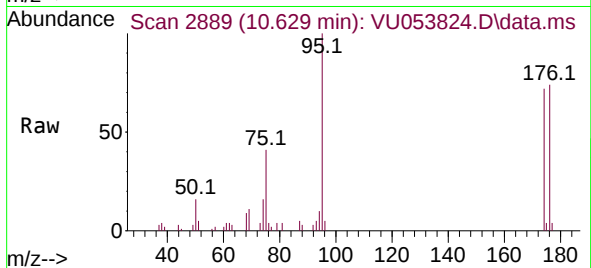
176 83.3 59.3 88.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#58

Tetrachloroethene

Concen: 2.329 ug/l

RT: 8.552 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Tgt Ion:164 Resp: 23250

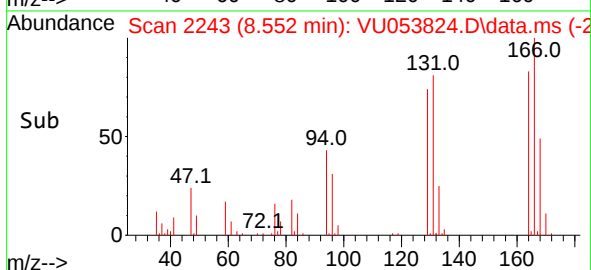
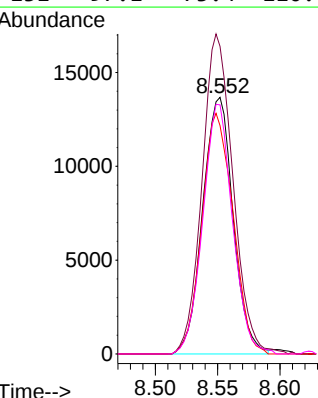
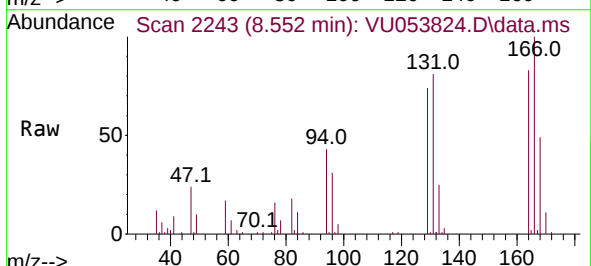
Ion Ratio Lower Upper

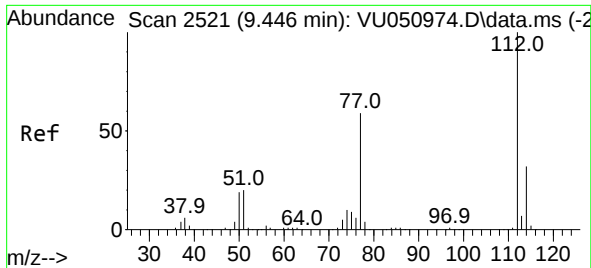
164 100

166 119.9 99.6 149.4

129 89.0 78.6 117.8

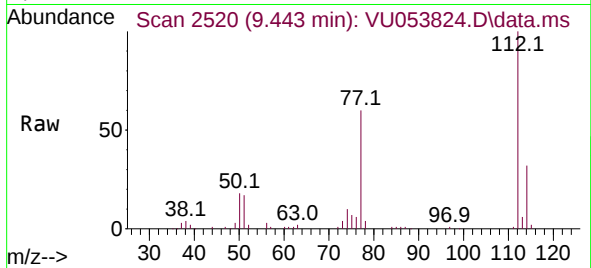
131 97.1 73.4 110.0





#59
Chlorobenzene
Concen: 2.241 ug/l
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

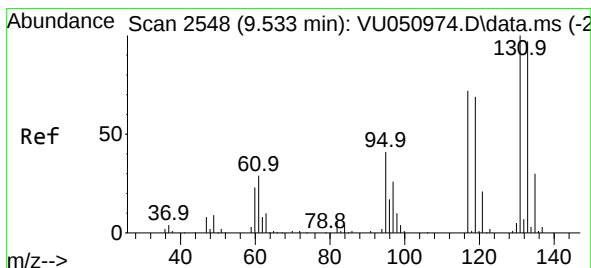
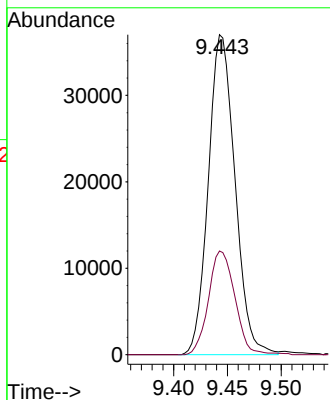
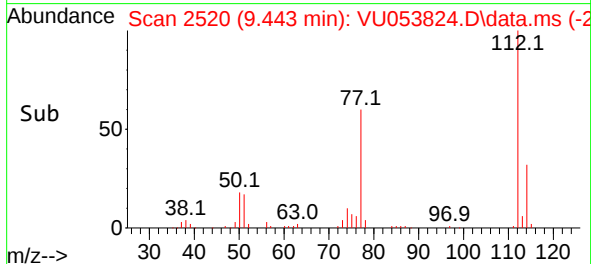
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



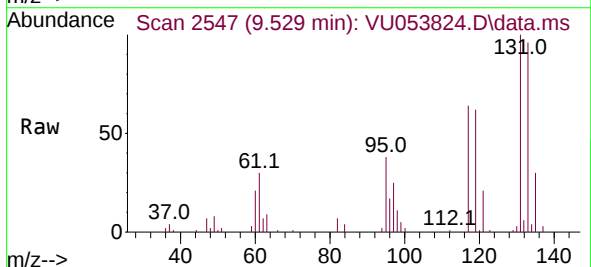
Tgt Ion:112 Resp: 6387
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4

Manual Integrations
APPROVED

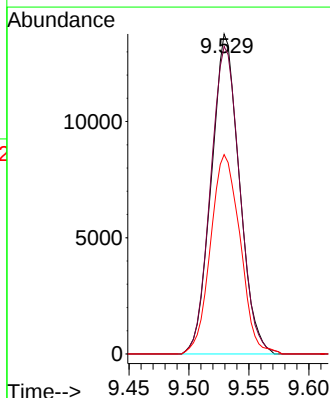
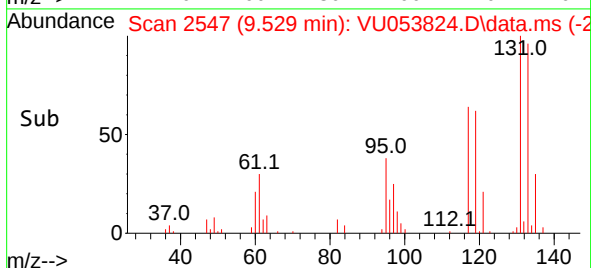
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

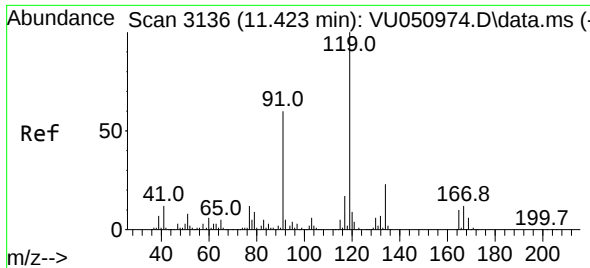


#60
1,1,1,2-Tetrachloroethane
Concen: 2.178 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34



Tgt Ion:131 Resp: 22384
Ion Ratio Lower Upper
131 100
133 100.0 77.8 116.6
119 65.6 55.2 82.8





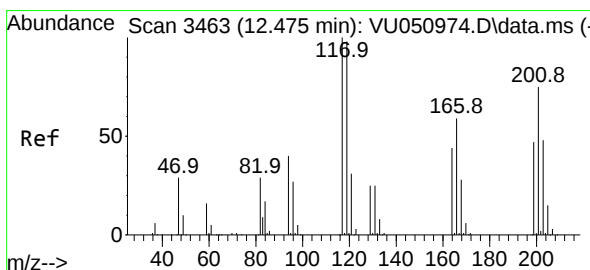
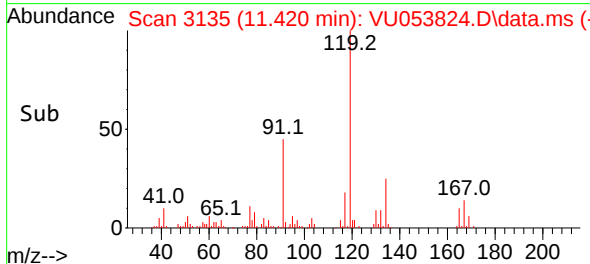
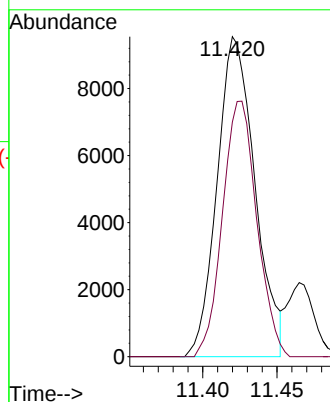
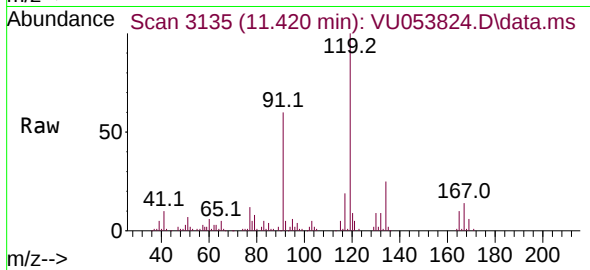
#61
Pentachloroethane
Concen: 2.135 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02

Tgt Ion:117 Resp: 16915
Ion Ratio Lower Upper
117 100
167 72.3 56.7 85.1

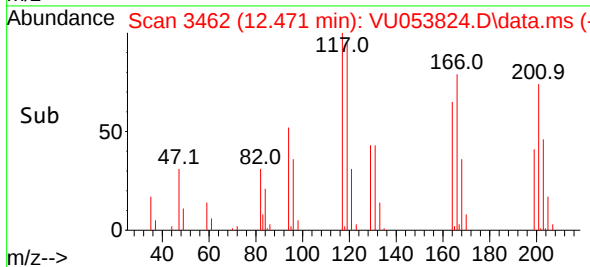
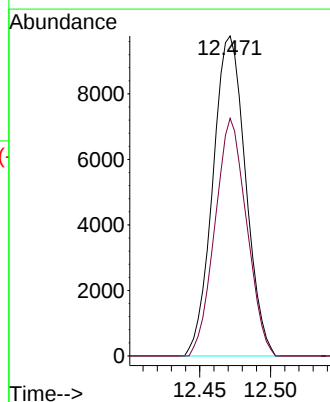
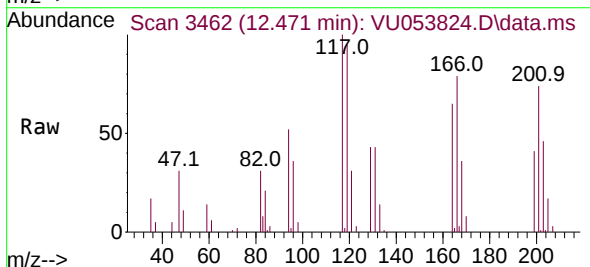
Manual Integrations
APPROVED

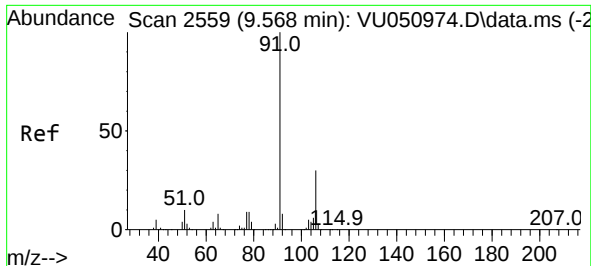
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#62
Hexachloroethane
Concen: 2.031 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

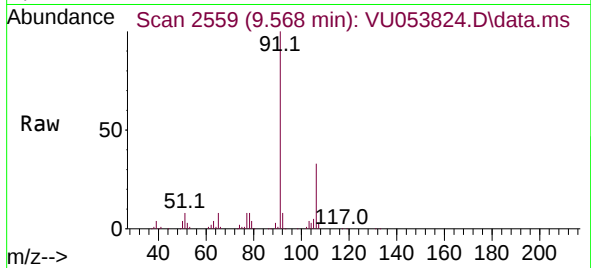
Tgt Ion:117 Resp: 15715
Ion Ratio Lower Upper
117 100
201 71.7 59.6 89.4





#63
Ethyl Benzene
Concen: 2.265 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

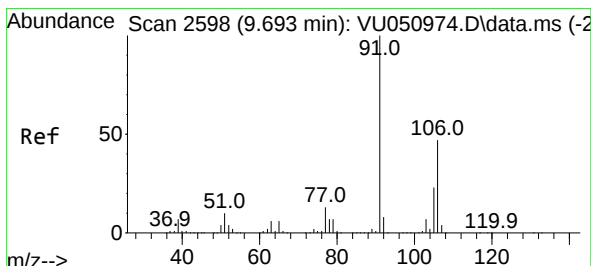
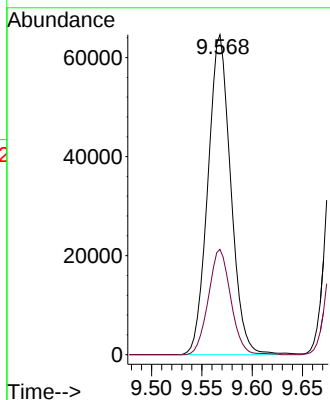
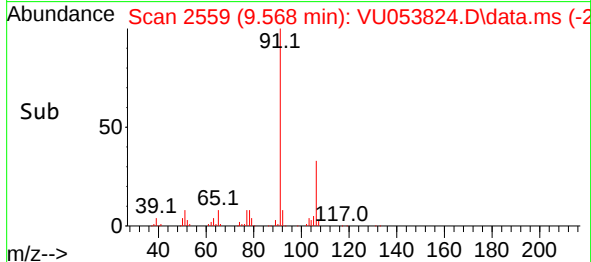
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



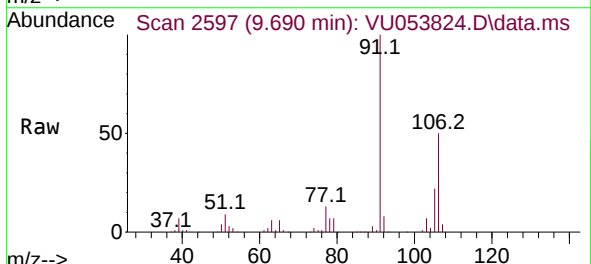
Tgt Ion: 91 Resp: 10194
Ion Ratio Lower Upper
91 100
106 32.9 24.2 36.2

Manual Integrations
APPROVED

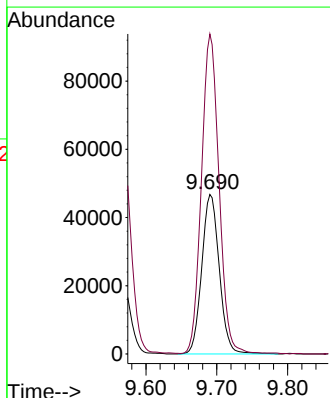
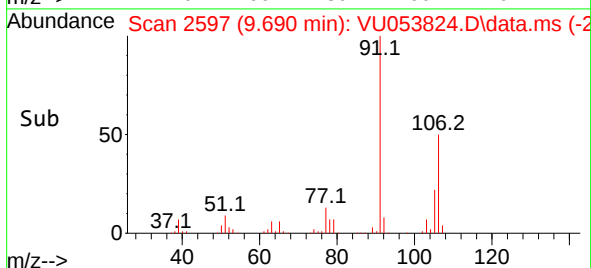
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

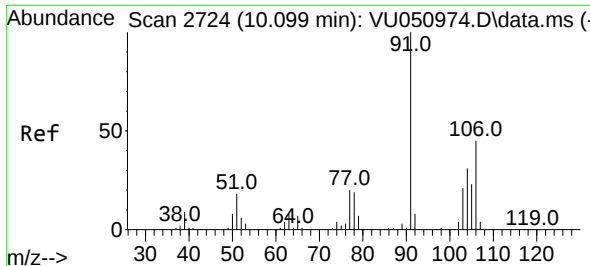


#64
m/p-Xylenes
Concen: 4.524 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34



Tgt Ion:106 Resp: 80212
Ion Ratio Lower Upper
106 100
91 199.9 167.3 250.9





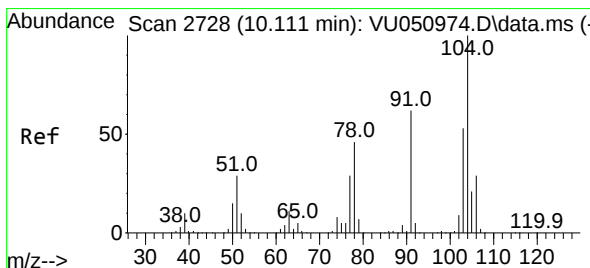
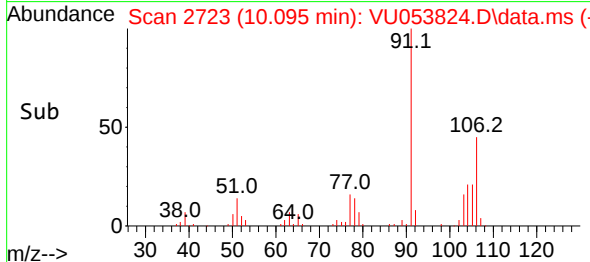
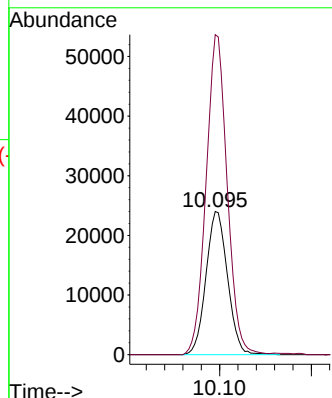
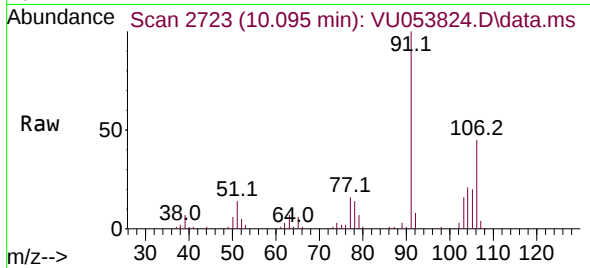
#65
o-Xylene
Concen: 2.192 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02

Tgt Ion:106 Resp: 3919
Ion Ratio Lower Upper
106 100
91 218.7 109.3 327.9

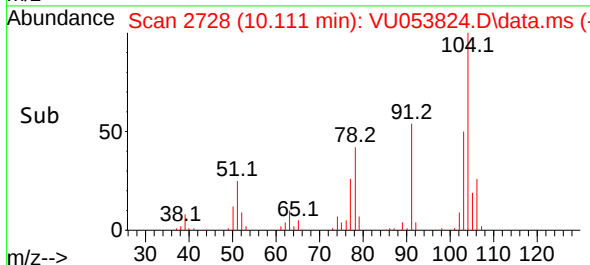
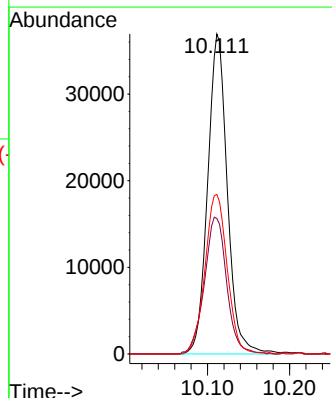
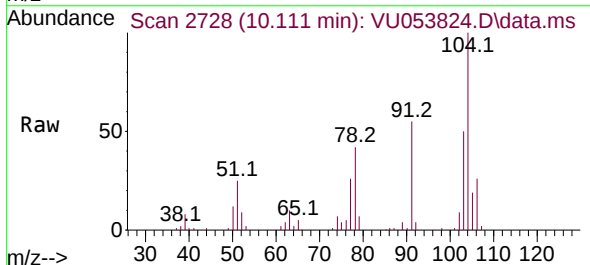
Manual Integrations
APPROVED

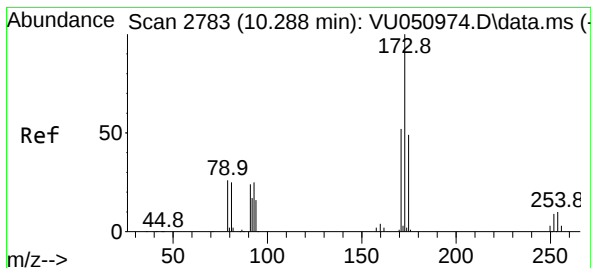
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#66
Styrene
Concen: 2.166 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Tgt Ion:104 Resp: 61585
Ion Ratio Lower Upper
104 100
78 48.3 39.7 59.5
103 56.2 44.8 67.2





#67

Bromoform

Concen: 2.017 ug/l

RT: 10.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBS02

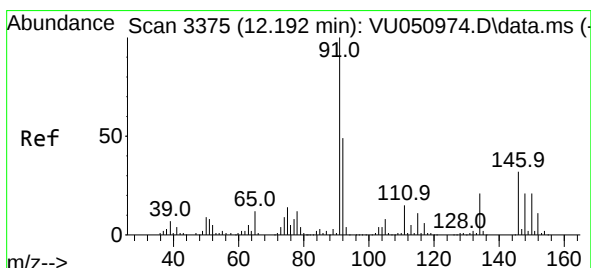
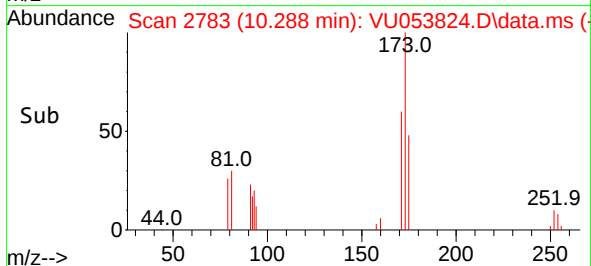
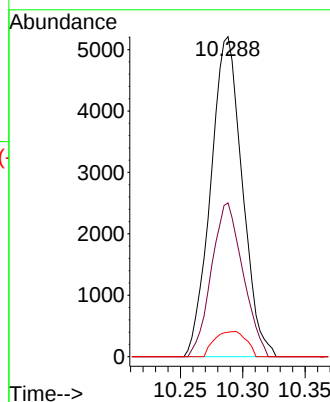
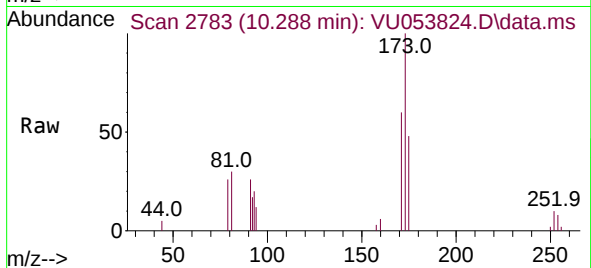
Tgt Ion:173	Resp:	9178
Ion Ratio	Lower	Upper
173	100	
175	47.9	39.0 58.6
254	7.9	7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#68

1,2-Dichlorobenzene-d4

Concen: 1.021 ug/l

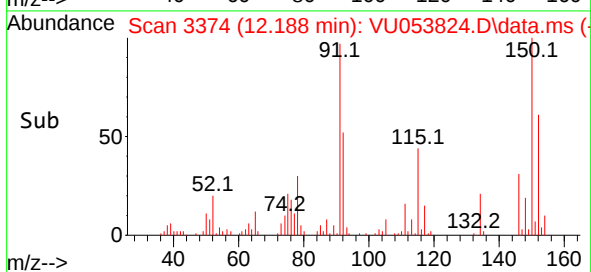
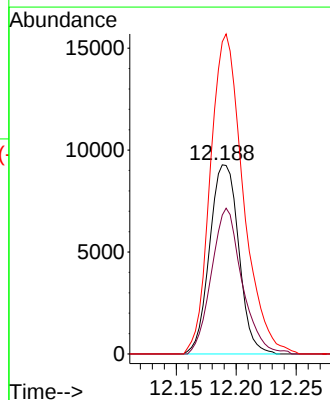
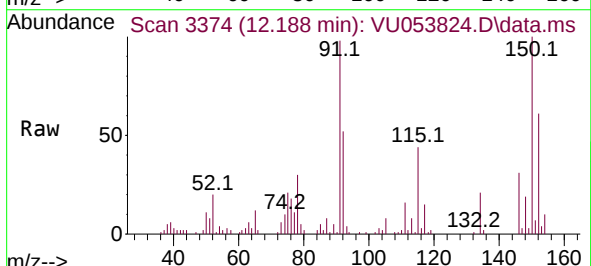
RT: 12.188 min Scan# 3374

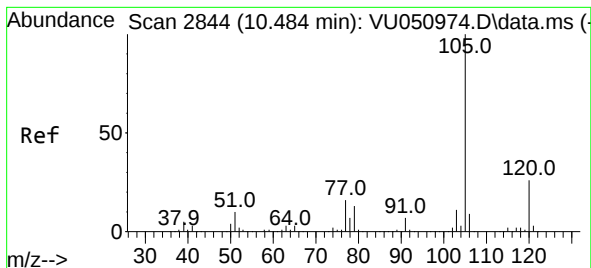
Delta R.T. -0.000 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Tgt Ion:152	Resp:	15644
Ion Ratio	Lower	Upper
152	100	
115	81.0	0.0 308.8
150	190.7	0.0 635.0





#69

Isopropylbenzene

Concen: 2.240 ug/l

RT: 10.481 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBS02

Tgt Ion:105 Resp: 10468

Ion Ratio Lower Upper

105 100

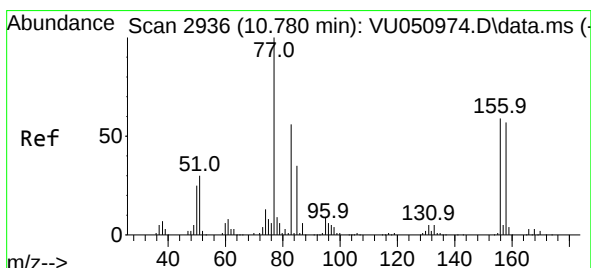
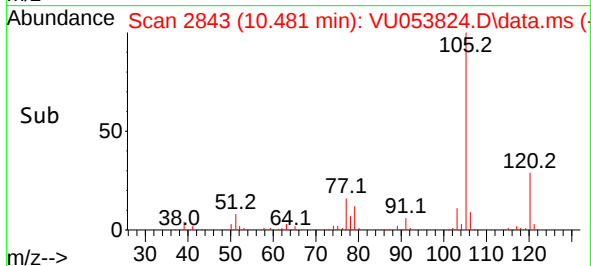
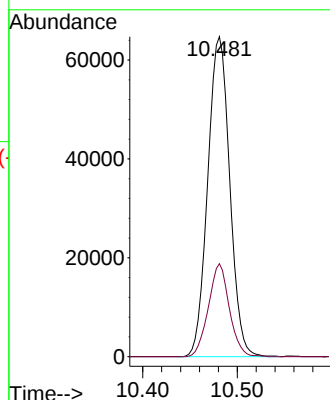
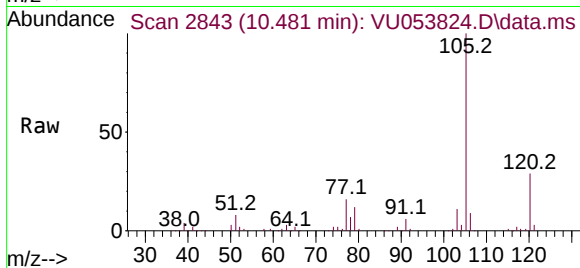
120 27.6 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 2.062 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

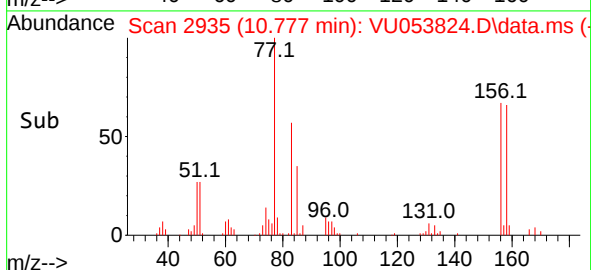
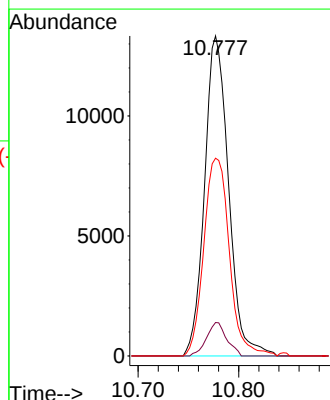
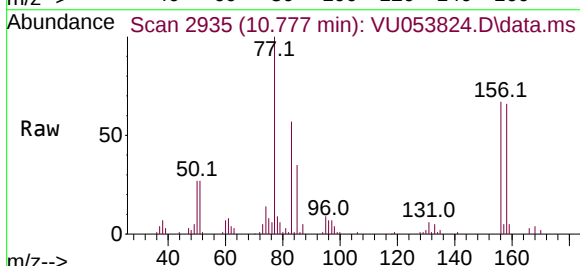
Tgt Ion: 83 Resp: 22107

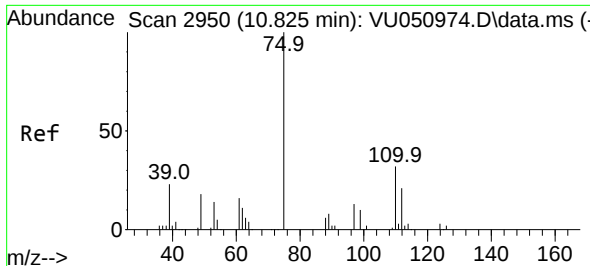
Ion Ratio Lower Upper

83 100

131 8.8 7.2 10.8

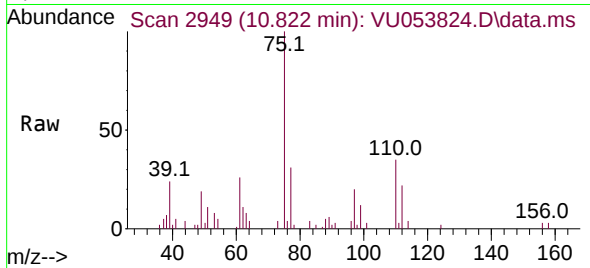
85 65.8 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 1.284 ug/l m
RT: 10.822 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

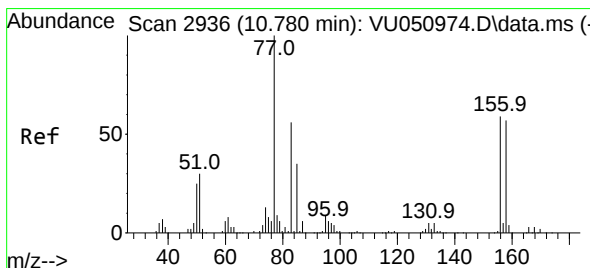
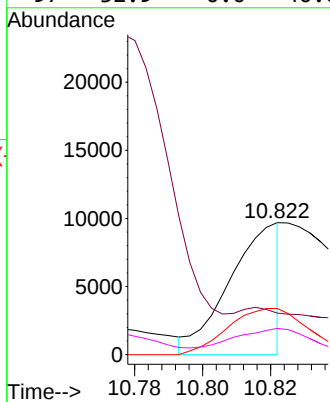
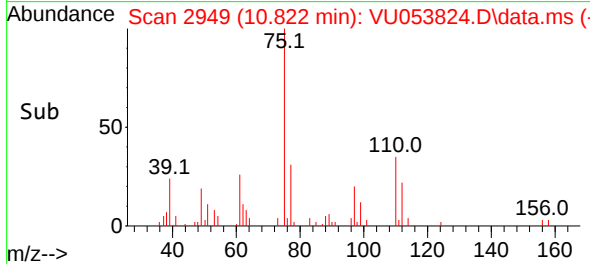
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



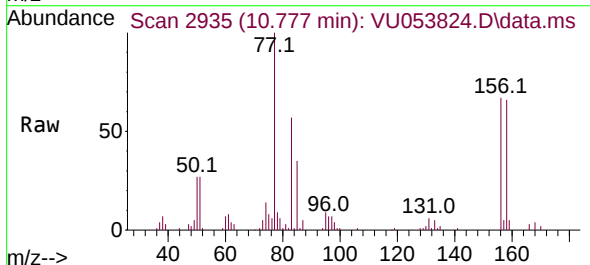
Tgt Ion: 75 Resp: 9939
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 56.0 0.0 74.6
97 32.9 0.0 40.0

Manual Integrations
APPROVED

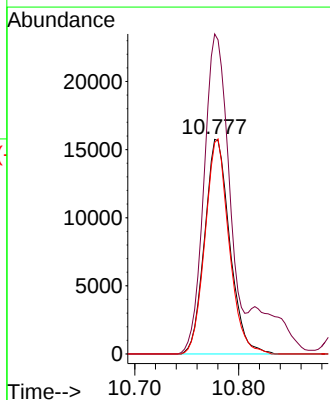
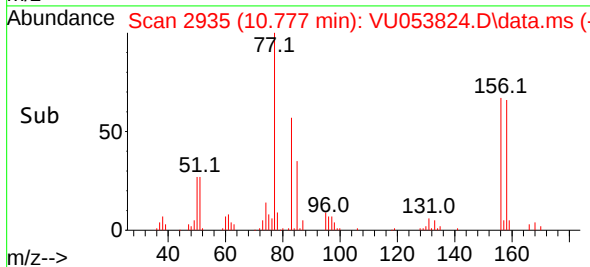
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

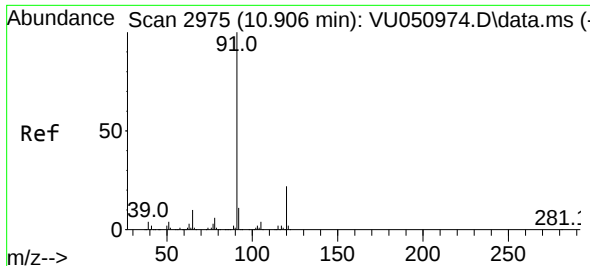


#72
Bromobenzene
Concen: 2.207 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34



Tgt Ion:156 Resp: 26453
Ion Ratio Lower Upper
156 100
77 148.0 0.0 343.0
158 95.8 0.0 194.8





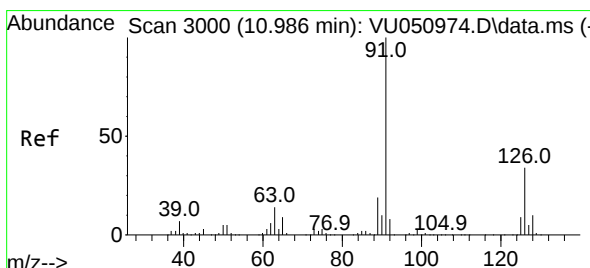
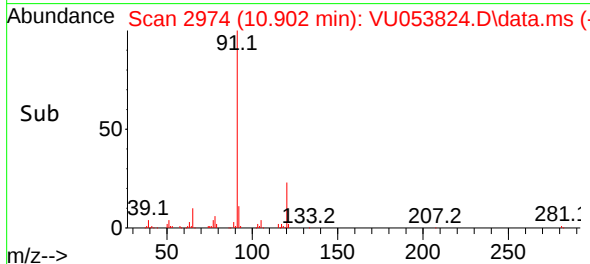
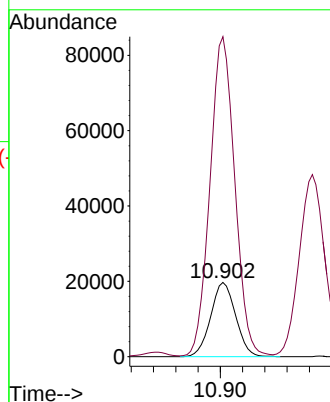
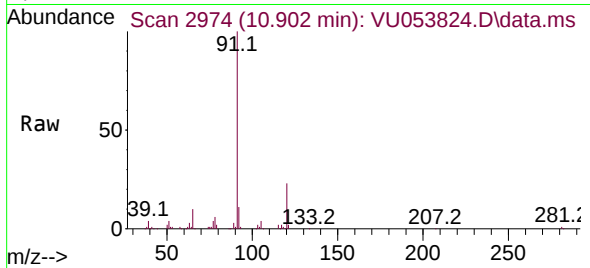
#73
n-propylbenzene
Concen: 2.365 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02

Tgt Ion:120 Resp: 30658
Ion Ratio Lower Upper
120 100
91 426.0 369.8 554.6

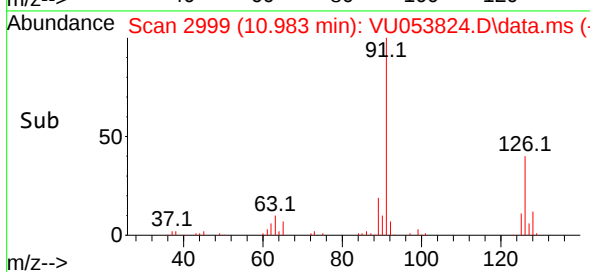
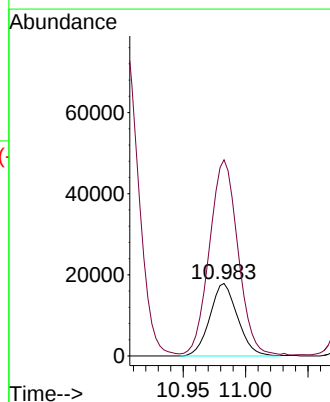
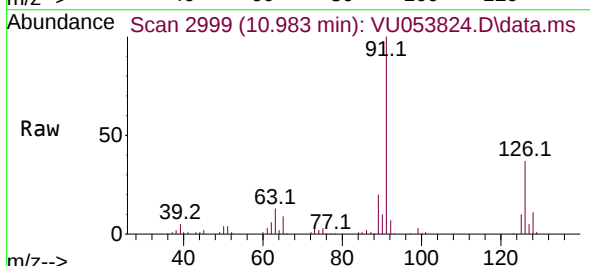
Manual Integrations
APPROVED

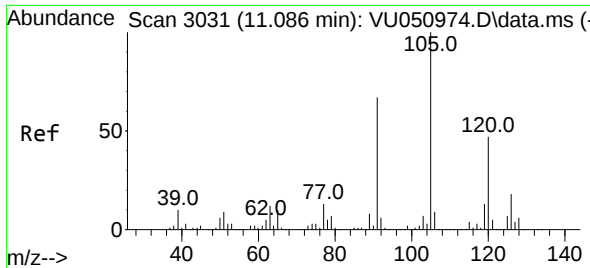
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#74
2-Chlorotoluene
Concen: 2.256 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

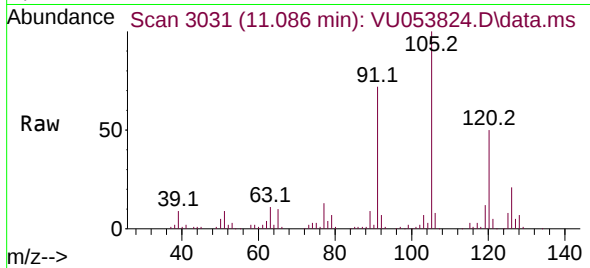
Tgt Ion:126 Resp: 27639
Ion Ratio Lower Upper
126 100
91 276.7 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 2.212 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

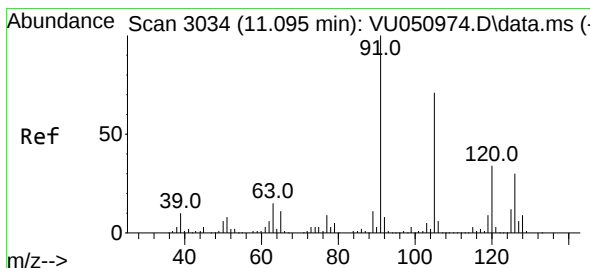
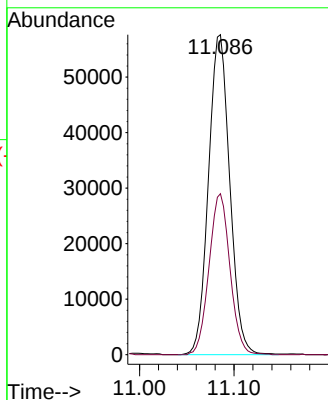
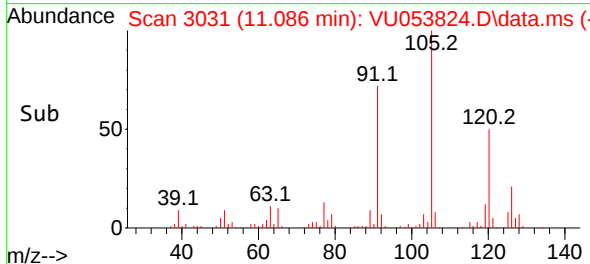
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



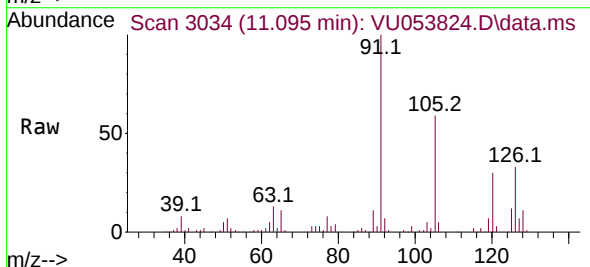
Tgt Ion:105 Resp: 90140
Ion Ratio Lower Upper
105 100
120 49.5 37.8 56.8

Manual Integrations
APPROVED

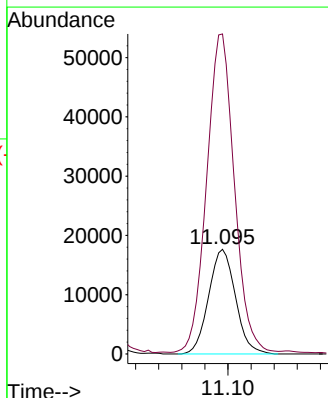
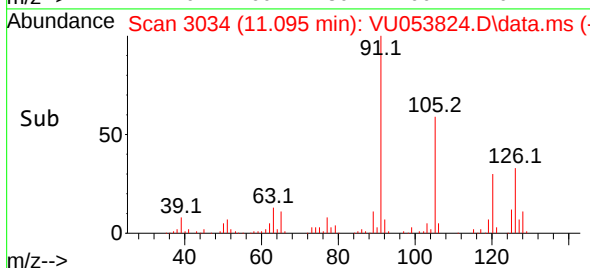
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

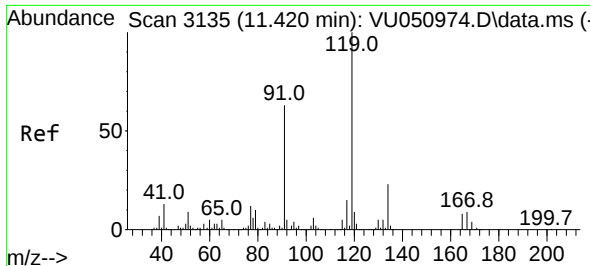


#76
4-Chlorotoluene
Concen: 2.279 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34



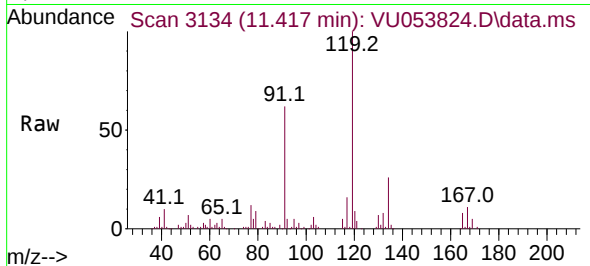
Tgt Ion:126 Resp: 28462
Ion Ratio Lower Upper
126 100
91 312.8 0.0 686.2





#77
tert-Butylbenzene
Concen: 2.148 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

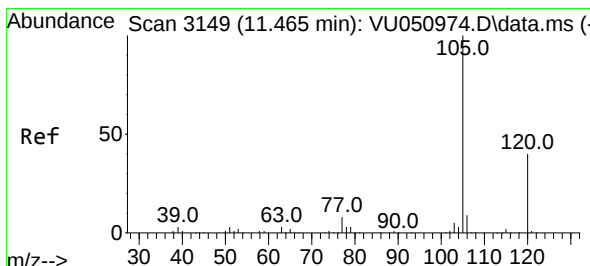
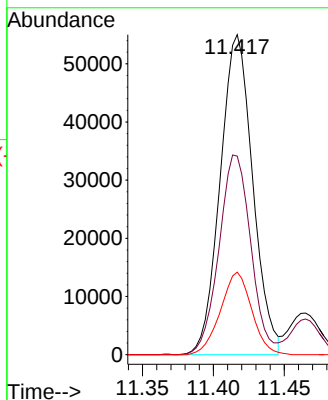
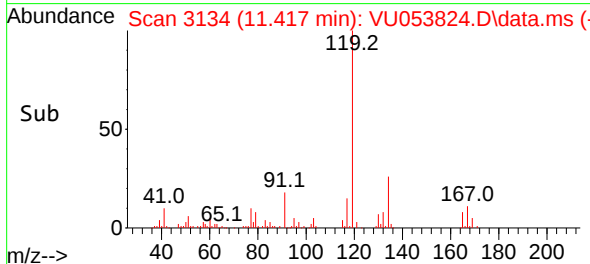
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



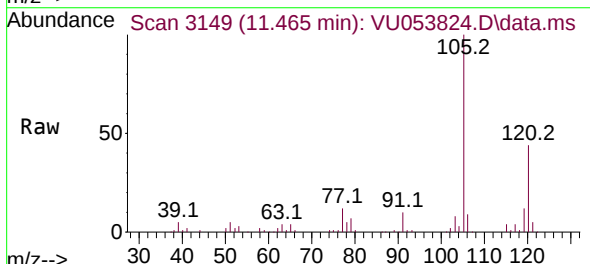
Tgt Ion:119 Resp: 88110
Ion Ratio Lower Upper
119 100
91 61.2 30.8 92.4
134 24.7 18.0 27.0

Manual Integrations
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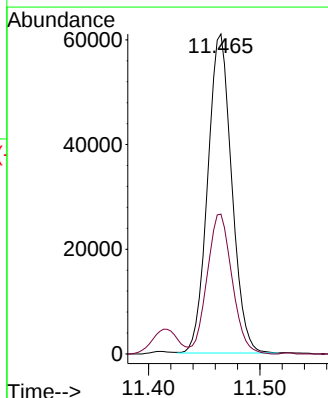
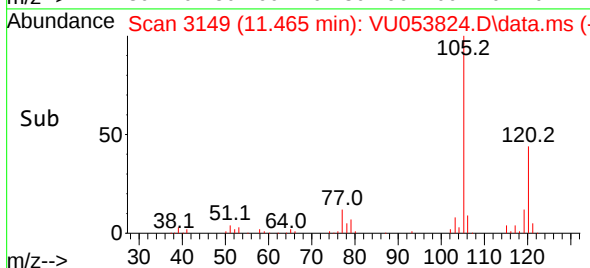
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

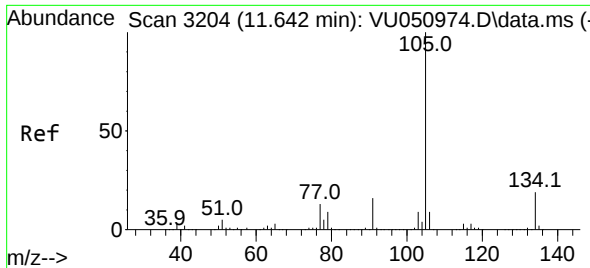


#78
1,2,4-Trimethylbenzene
Concen: 2.195 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34



Tgt Ion:105 Resp: 91319
Ion Ratio Lower Upper
105 100
120 45.6 21.9 65.8





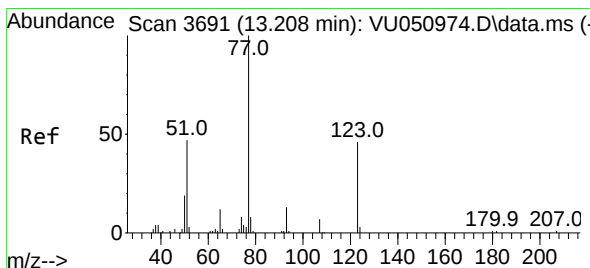
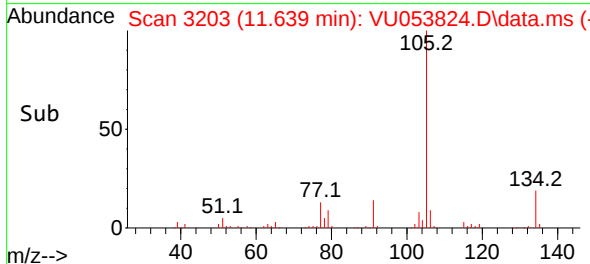
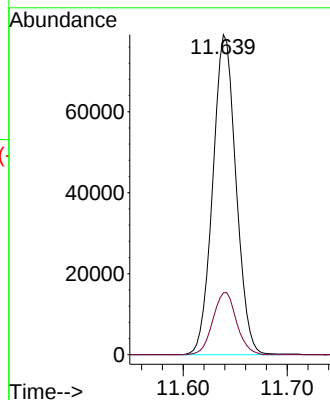
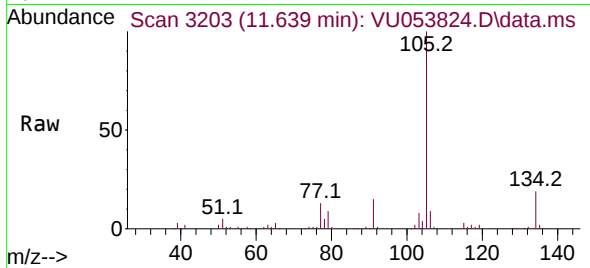
#79
 sec-Butylbenzene
 Concen: 2.228 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053824.D
 Acq: 21 Apr 2023 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0421WBS02

Tgt Ion:105 Resp: 12283
 Ion Ratio Lower Upper
 105 100
 134 19.8 14.9 22.3

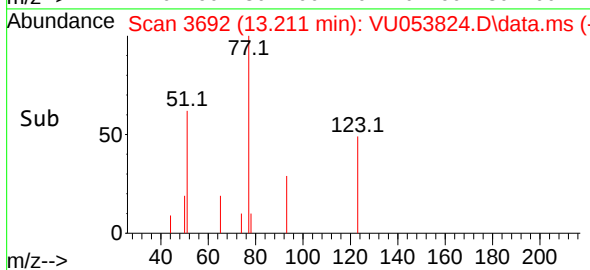
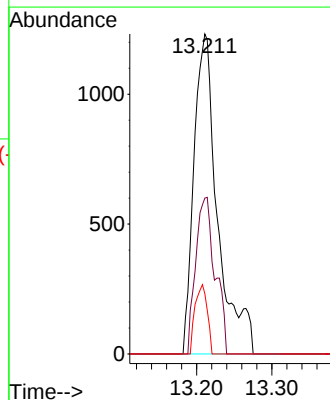
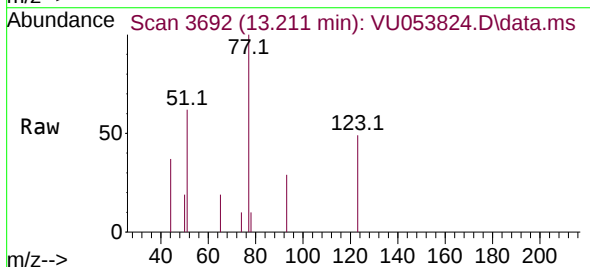
Manual Integrations
 APPROVED

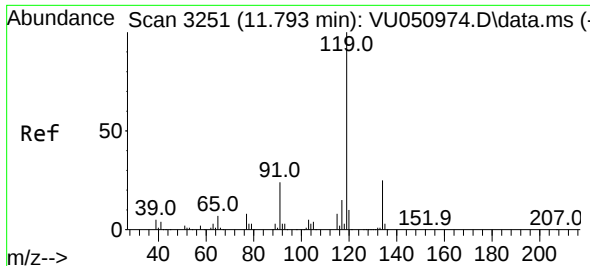
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#80
 Nitrobenzene
 Concen: 7.911 ug/l m
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.009 min
 Lab File: VU053824.D
 Acq: 21 Apr 2023 14:34

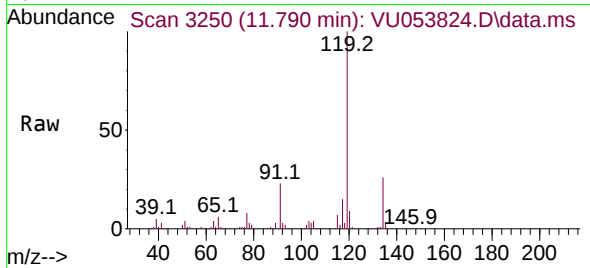
Tgt Ion: 77 Resp: 2687
 Ion Ratio Lower Upper
 77 100
 123 40.2 19.7 69.7
 65 11.1 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 2.197 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

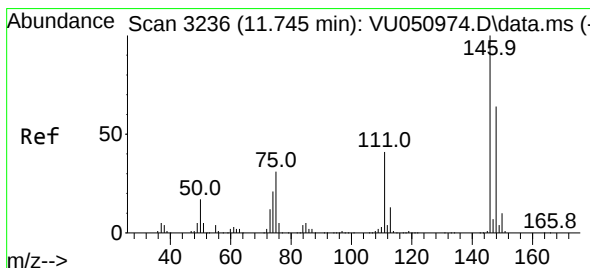
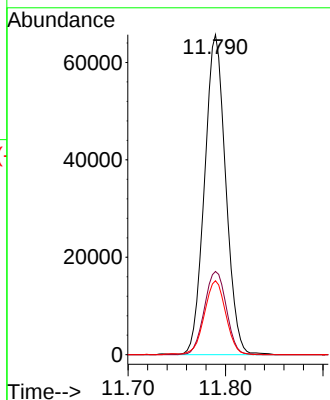
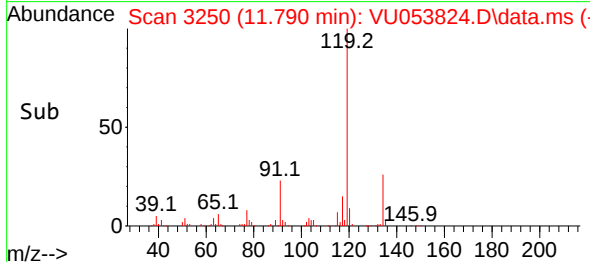
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



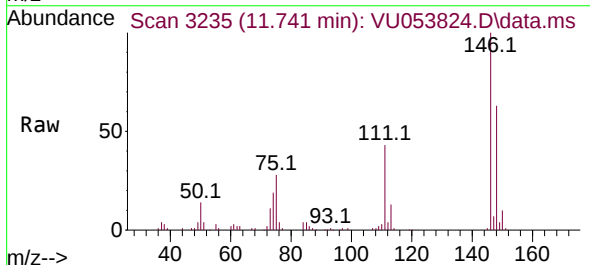
Tgt Ion:119 Resp: 9923
Ion Ratio Lower Upper
119 100
134 26.9 20.2 30.4
91 23.3 19.3 28.9

Manual Integrations
APPROVED

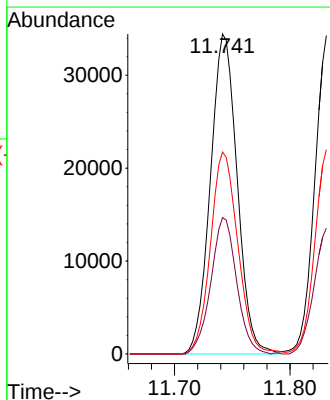
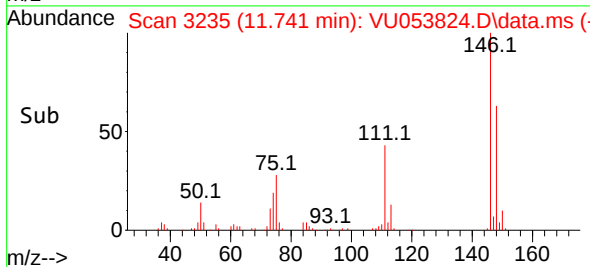
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

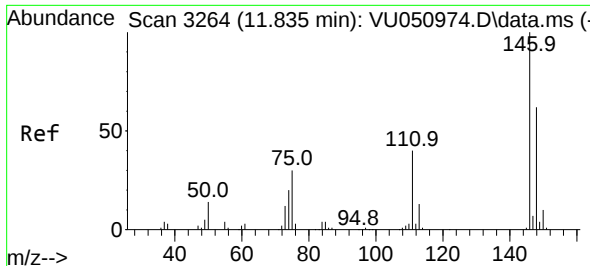


#82
1,3-Dichlorobenzene
Concen: 2.162 ug/l
RT: 11.741 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34



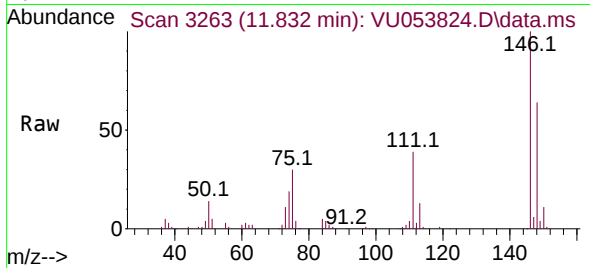
Tgt Ion:146 Resp: 55408
Ion Ratio Lower Upper
146 100
111 41.0 32.6 49.0
148 64.5 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 2.156 ug/l
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

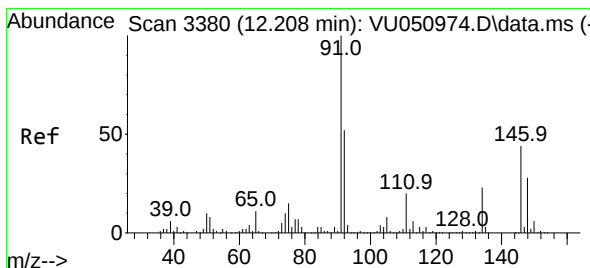
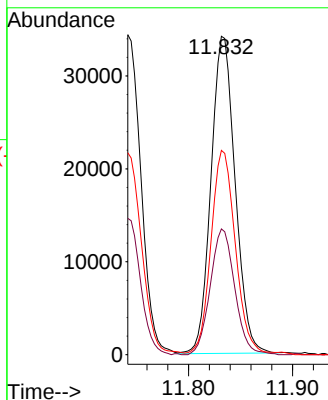
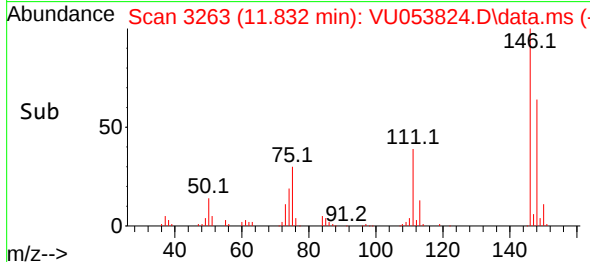
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



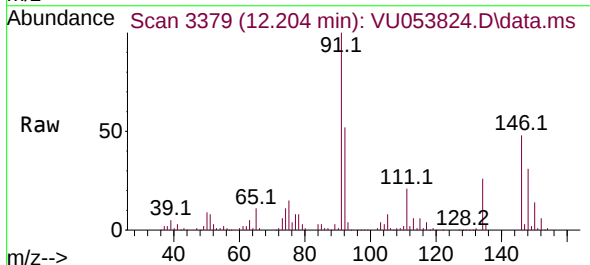
Tgt Ion:146 Resp: 55070
Ion Ratio Lower Upper
146 100
111 40.2 31.6 47.4
148 63.9 50.3 75.5

Manual Integrations
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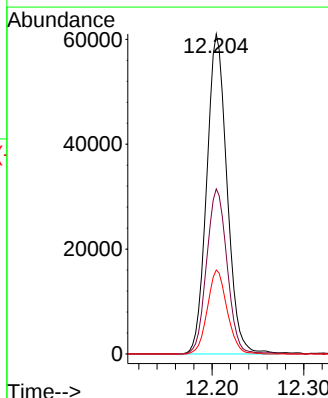
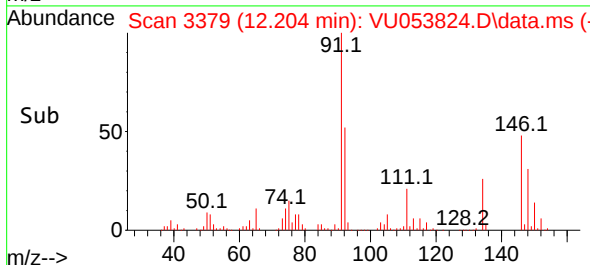
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

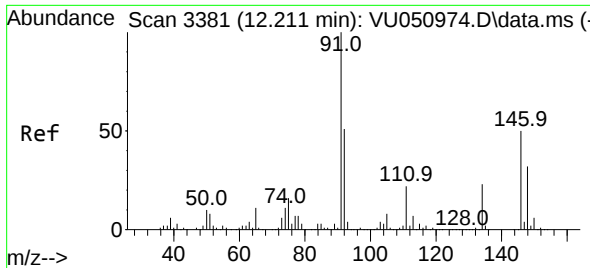


#84
n-Butylbenzene
Concen: 2.360 ug/l
RT: 12.204 min Scan# 3379
Delta R.T. -0.001 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34



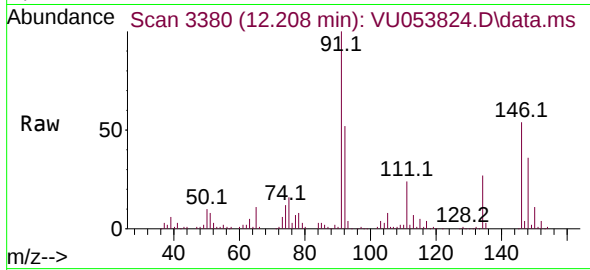
Tgt Ion: 91 Resp: 94044
Ion Ratio Lower Upper
91 100
92 52.2 40.8 61.2
134 25.4 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 2.046 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

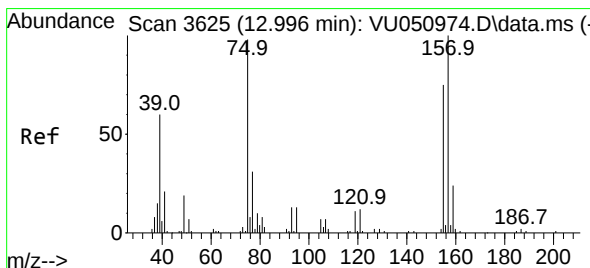
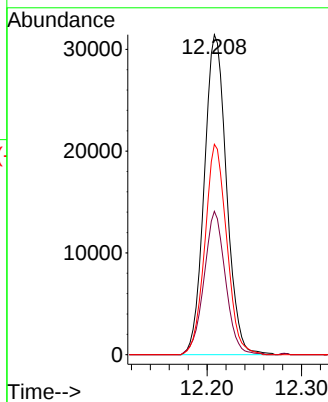
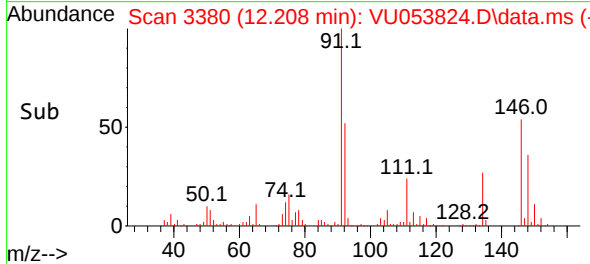
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



Tgt Ion:146 Resp: 5127
Ion Ratio Lower Upper
146 100
111 43.3 21.6 64.6
148 64.8 32.1 96.5

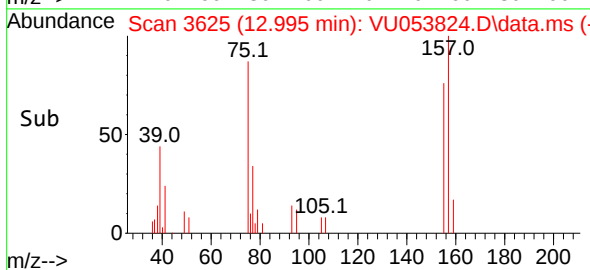
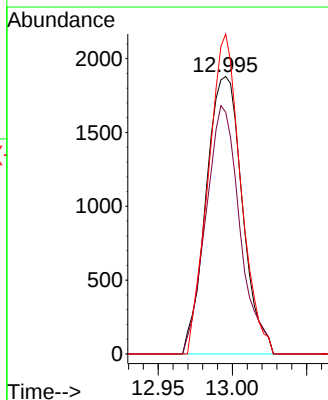
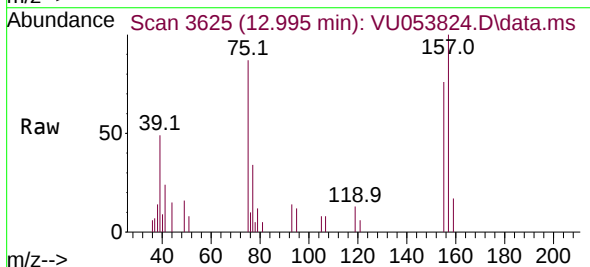
Manual Integrations
APPROVED

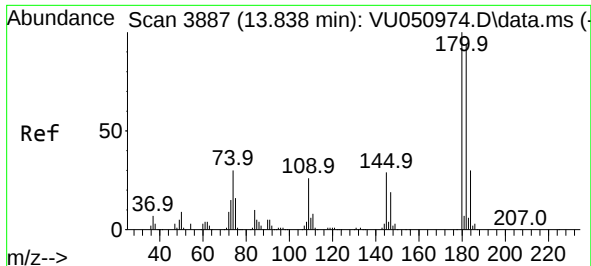
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 2.105 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

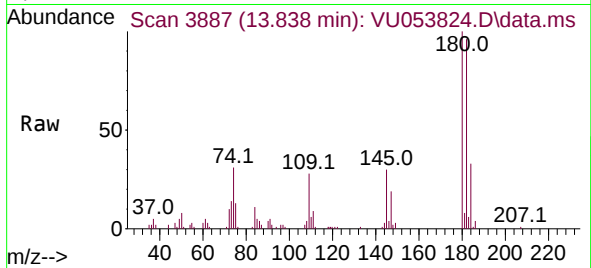
Tgt Ion: 75 Resp: 3178
Ion Ratio Lower Upper
75 100
155 83.9 61.8 92.8
157 103.8 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 2.038 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

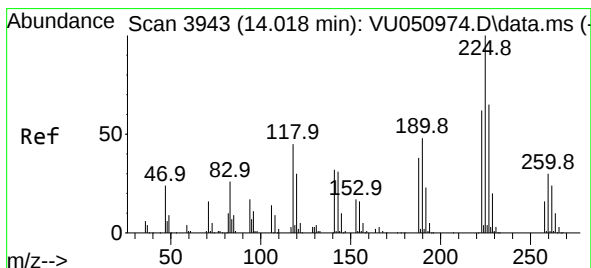
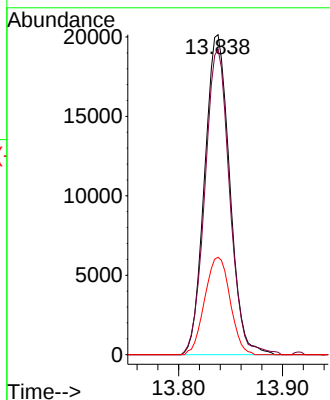
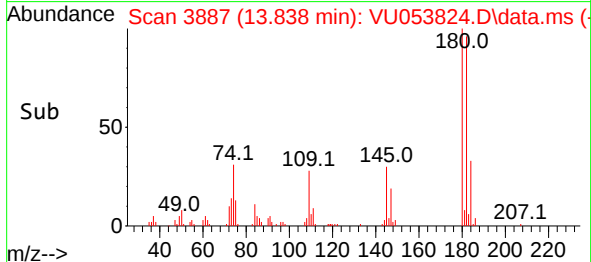
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBS02



Tgt Ion:180 Resp: 33748
Ion Ratio Lower Upper
180 100
182 94.5 75.8 113.6
145 30.8 23.9 35.9

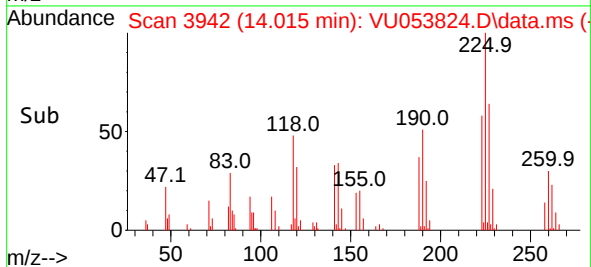
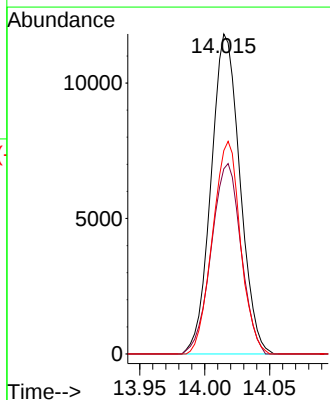
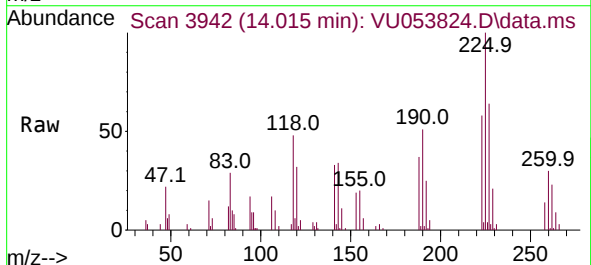
Manual Integrations
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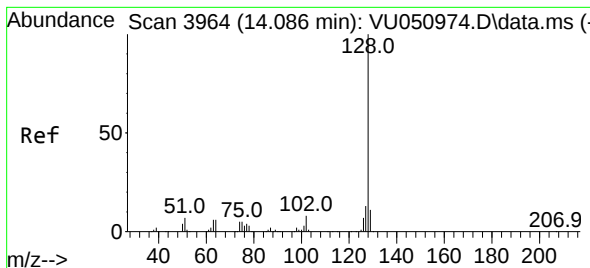
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#88
Hexachlorobutadiene
Concen: 2.062 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.003 min
Lab File: VU053824.D
Acq: 21 Apr 2023 14:34

Tgt Ion:225 Resp: 18220
Ion Ratio Lower Upper
225 100
223 61.3 50.2 75.4
227 64.4 51.5 77.3





#89

Naphthalene

Concen: 1.923 ug/l

RT: 14.082 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBS02

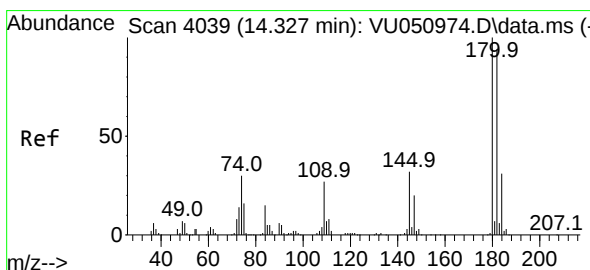
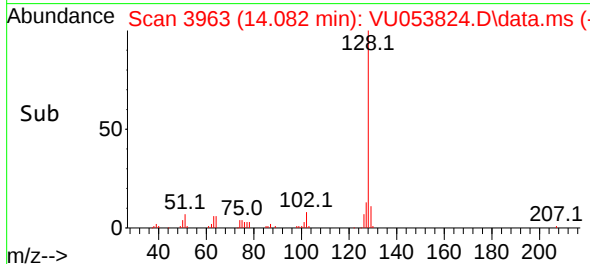
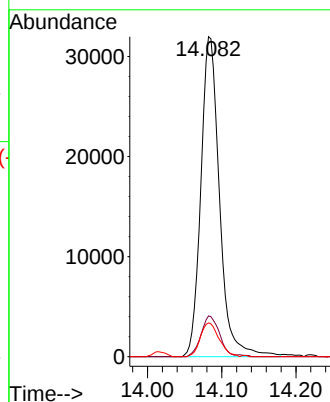
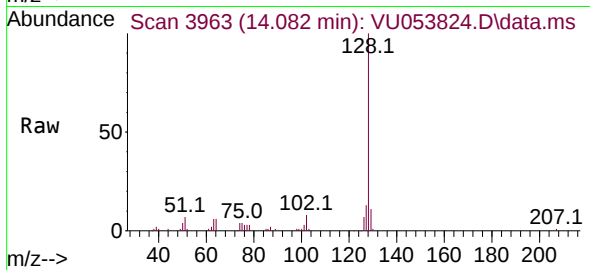
Tgt Ion:128	Resp:	5582
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.9 16.3
129	10.6	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#90

1,2,3-Trichlorobenzene

Concen: 1.965 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU053824.D

Acq: 21 Apr 2023 14:34

Tgt Ion:180	Resp:	30946
Ion Ratio	Lower	Upper
180	100	
182	93.3	75.7 113.5
145	32.8	26.1 39.1

