

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
 Data File : VU050374.D
 Acq On : 19 Aug 2022 13:41
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Aug 19 14:10:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Aug 19 14:03:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	38553	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	15364	1.149	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	16458	1.096	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	166078	11.226	ug/l	100
3) Chloromethane	1.520	50	196621	10.861	ug/l	99
4) Vinyl Chloride	1.604	62	174229	10.967	ug/l	99
5) Bromomethane	1.855	94	66467	9.836	ug/l	98
6) Chloroethane	1.932	64	104638	10.585	ug/l	98
7) Trichlorofluoromethane	2.138	101	215417	11.560	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	118449	11.748	ug/l	97
9) 1,1-Dichloroethene	2.588	96	117585	11.106	ug/l	99
10) Iodomethane	2.732	142	100074	9.797	ug/l	100
11) Allyl Chloride	2.935	41	181823	10.490	ug/l	96
12) Acrylonitrile	3.340	53	72119m	20.774	ug/l	
13) Acetone	2.642	43	121924m	49.325	ug/l	
14) Carbon Disulfide	2.803	76	357265	9.960	ug/l	100
15) Methylene Chloride	3.060	84	140129	9.628	ug/l	94
16) trans-1,2-Dichloroethene	3.366	96	121864	10.563	ug/l	95
17) 1,1-Dichloroethane	3.883	63	251822	10.798	ug/l	97
18) 2-Butanone	4.752	43	201100m	52.152	ug/l	
19) Cyclohexane	5.362	56	180472m	13.029	ug/l	
20) Methylcyclohexane	6.793	83	166851	12.580	ug/l	99
21) 2,2-Dichloropropane	4.668	77	179846	10.395	ug/l	98
22) cis-1,2-Dichloroethene	4.671	96	136719	10.823	ug/l	95
23) Diethyl Ether	2.382	59	101553	10.655	ug/l	99
24) tert-Butyl Alcohol	3.224	59	116773m	86.503	ug/l	
25) Methyl tert-Butyl Ether	3.391	73	310374	10.379	ug/l	95
26) Bromochloromethane	4.977	128	53495	9.469	ug/l	93
27) Chloroform	5.086	83	242773	10.997	ug/l	97
28) 1,1,1-Trichloroethane	5.298	97	207905	11.778	ug/l	98
29) 1,1-Dichloropropene	5.504	75	164494	12.063	ug/l	97
30) Carbon Tetrachloride	5.501	117	171657	11.980	ug/l	99
31) Isopropyl Ether	4.028	45	388405	10.846	ug/l	98
32) Ethyl-t-butyl ether	4.533	59	316059	11.004	ug/l	99
33) Tert-Amyl methyl ether	5.961	73	237204	12.432	ug/l	97
34) Propionitrile	4.816	54	50821m	39.032	ug/l	
35) Benzene	5.758	78	508812	11.257	ug/l	99
36) 1,2-Dichloroethane	5.790	62	150559	10.638	ug/l	100
37) Trichloroethene	6.571	130	118595	10.805	ug/l	98
38) 1,2-Dichloropropane	6.832	63	139441	11.281	ug/l	98
39) Methacrylonitrile	4.996	41	42795	10.157	ug/l	96
40) Methyl acrylate	4.871	55	64265	8.709	ug/l	96
41) Tetrahydrofuran	5.089	42	46604m	20.351	ug/l	
42) 1-Chlorobutane	5.440	56	231613	11.902	ug/l	97
43) Dibromomethane	6.954	93	73602	10.794	ug/l	98
44) Bromodichloromethane	7.141	83	172155	10.835	ug/l	98

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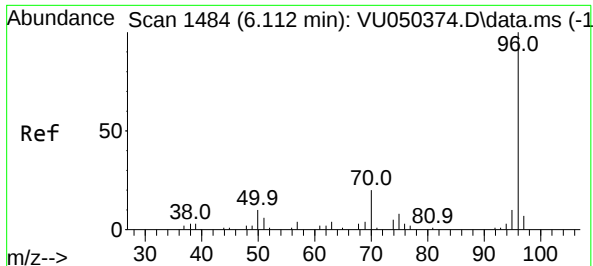
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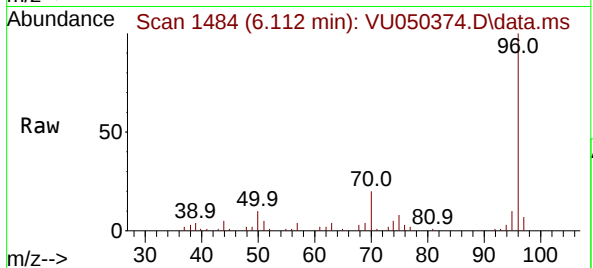
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.829	43	414291	56.869	ug/l	99
46) t-1,4-Dichloro-2-butene	10.832	75	88953m	34.951	ug/l	
47) Methyl methacrylate	7.005	69	129822	23.659	ug/l	93
48) Ethyl methacrylate	8.359	69	116503	12.070	ug/l	93
49) Toluene	7.989	92	308224	12.293	ug/l	97
50) t-1,3-Dichloropropene	8.234	75	145418	11.152	ug/l	97
51) cis-1,3-Dichloropropene	7.636	75	164271	11.020	ug/l	95
52) 1,1,2-Trichloroethane	8.423	97	108294	10.660	ug/l	99
53) 1,3-Dichloropropane	8.594	76	177016	11.171	ug/l	100
54) 2-Hexanone	8.710	43	286245	56.703	ug/l	98
55) Dibromochloromethane	8.829	129	117858	10.823	ug/l	99
56) 1,2-Dibromoethane	8.941	107	99383	11.160	ug/l	100
58) Tetrachloroethene	8.568	164	113466	11.054	ug/l	99
59) Chlorobenzene	9.459	112	317429	11.701	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.546	131	124645	11.106	ug/l	99
61) Pentachloroethane	11.433	117	104233	11.236	ug/l	94
62) Hexachloroethane	12.478	117	90827	12.438	ug/l	99
63) Ethyl Benzene	9.581	91	561016	13.119	ug/l	99
64) m/p-Xylenes	9.703	106	456049	27.421	ug/l	98
65) o-Xylene	10.108	106	210537	13.094	ug/l	97
66) Styrene	10.121	104	375959	14.175	ug/l	98
67) Bromoform	10.298	173	68538	10.845	ug/l	99
69) Isopropylbenzene	10.491	105	545975	13.259	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.790	83	148178	10.697	ug/l	100
71) 1,2,3-Trichloropropane	10.832	75	115557m	11.626	ug/l	
72) Bromobenzene	10.787	156	137977	12.017	ug/l	97
73) n-propylbenzene	10.912	120	155881	14.388	ug/l	95
74) 2-Chlorotoluene	10.989	126	142503	13.431	ug/l	94
75) 1,3,5-Trimethylbenzene	11.092	105	507359	14.111	ug/l	100
76) 4-Chlorotoluene	11.102	126	153242	14.411	ug/l	87
77) tert-Butylbenzene	11.423	119	466834	13.237	ug/l	98
78) 1,2,4-Trimethylbenzene	11.472	105	519541	14.008	ug/l	98
79) sec-Butylbenzene	11.648	105	635346	13.639	ug/l	100
80) Nitrobenzene	13.211	77	39878	47.633	ug/l #	98
81) p-Isopropyltoluene	11.796	119	521781	13.987	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	288237	12.334	ug/l	98
83) 1,4-Dichlorobenzene	11.841	146	288214	12.248	ug/l	99
84) n-Butylbenzene	12.211	91	468320	13.237	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	279630	11.971	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	23427	10.562	ug/l	98
87) 1,2,4-Trichlorobenzene	13.841	180	164802	12.106	ug/l	99
88) Hexachlorobutadiene	14.021	225	99222	12.319	ug/l	100
89) Naphthalene	14.089	128	353415	11.473	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	177853	12.690	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

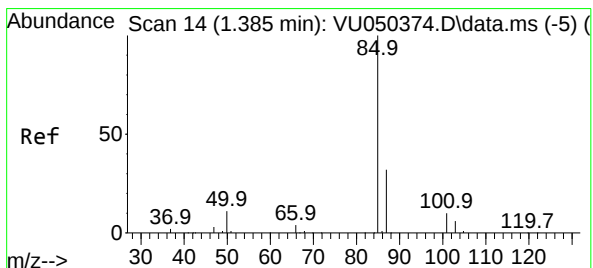
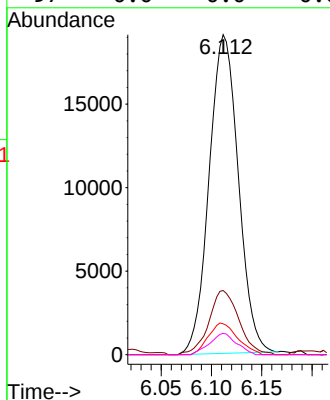
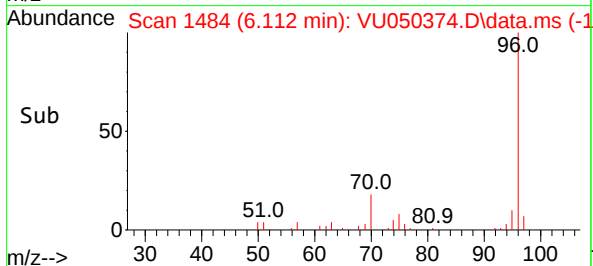


Tgt Ion: 96 Resp: 3855

Ion	Ratio	Lower	Upper
96	100		
70	20.7	16.7	25.1
95	9.9	7.4	11.0
97	0.0	0.0	0.0

Manual Integrations
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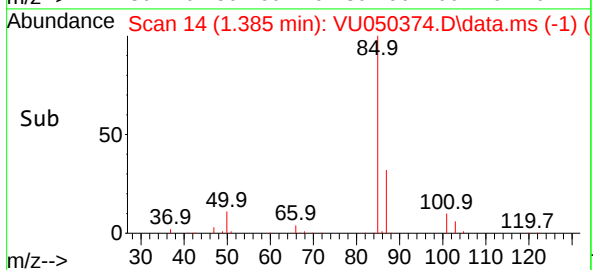
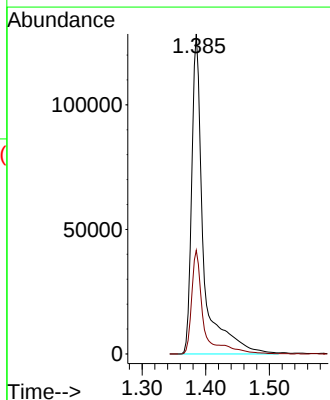
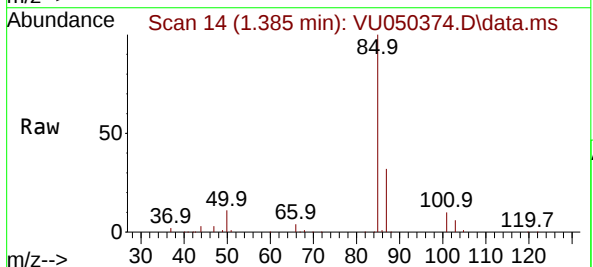
Reviewed By :Krupa Patel 08/30/2022
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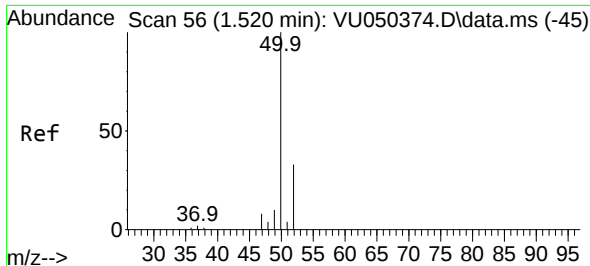


#2
Dichlorodifluoromethane
Concen: 11.226 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Tgt Ion: 85 Resp: 166078

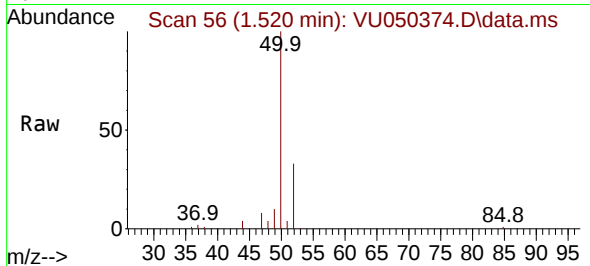
Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.3	48.8





#3
Chloromethane
Concen: 10.861 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

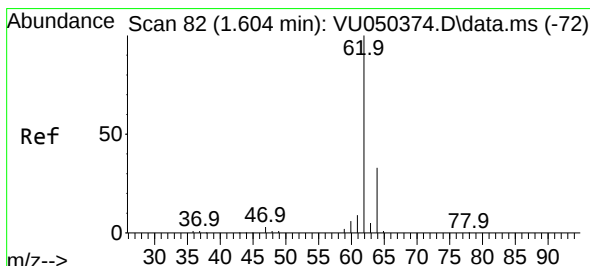
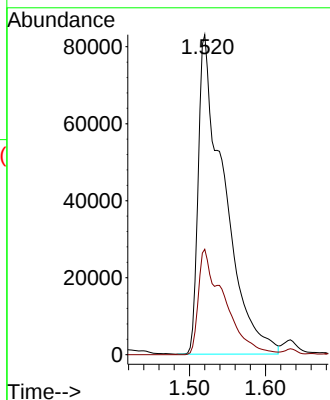
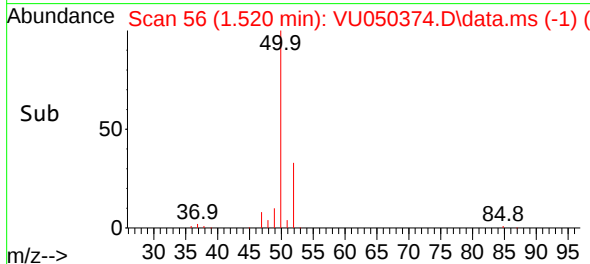
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 50 Resp: 19662
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1

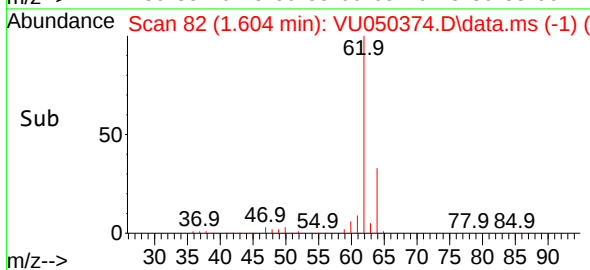
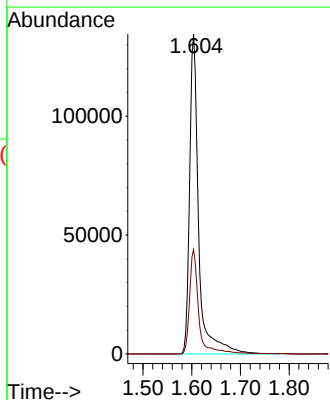
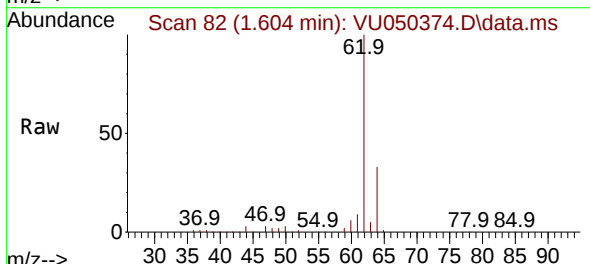
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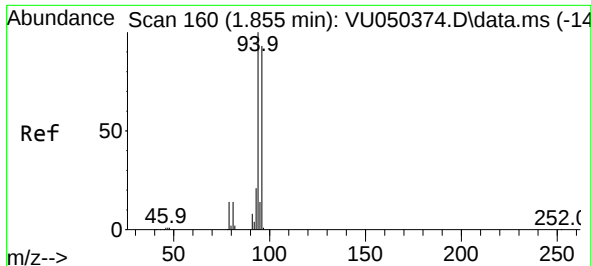
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#4
Vinyl Chloride
Concen: 10.967 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

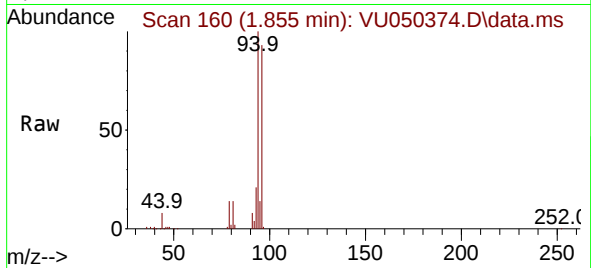
Tgt Ion: 62 Resp: 174229
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3





#5
Bromomethane
Concen: 9.836 ug/l
RT: 1.855 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

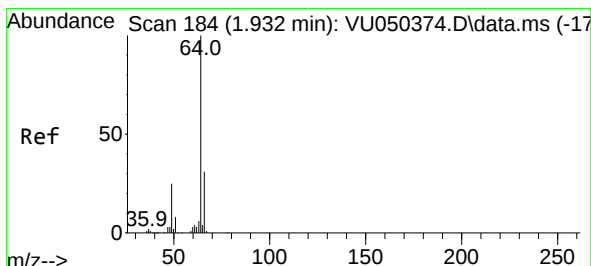
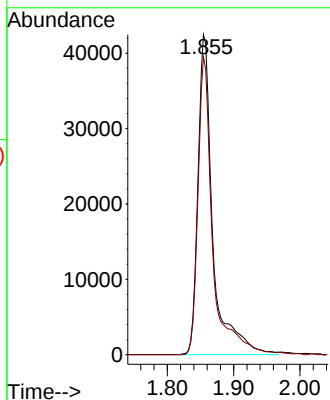
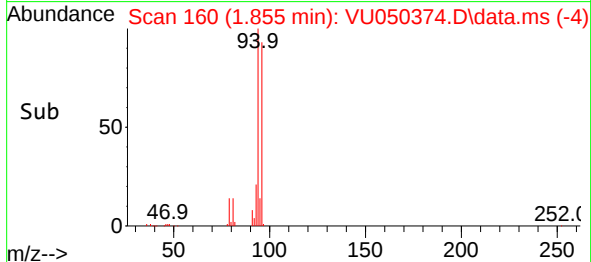
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 6646
Ion Ratio Lower Upper
94 100
96 93.0 73.0 109.6

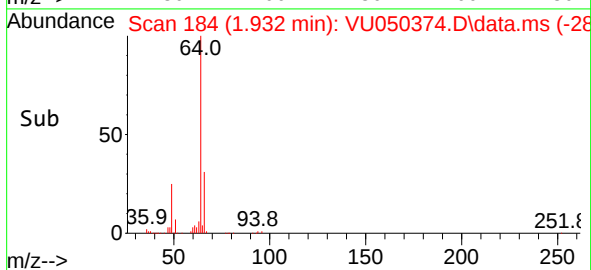
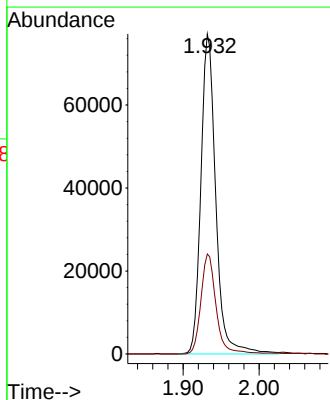
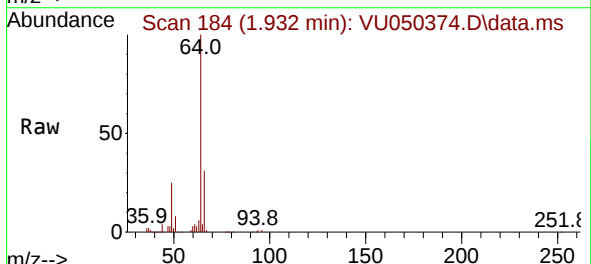
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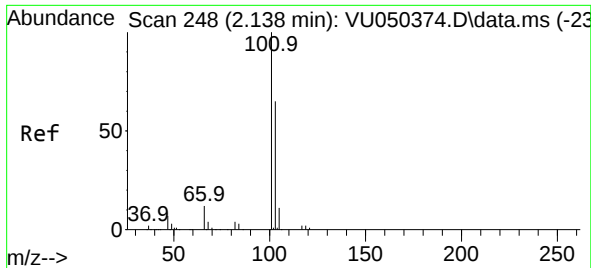
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#6
Chloroethane
Concen: 10.585 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

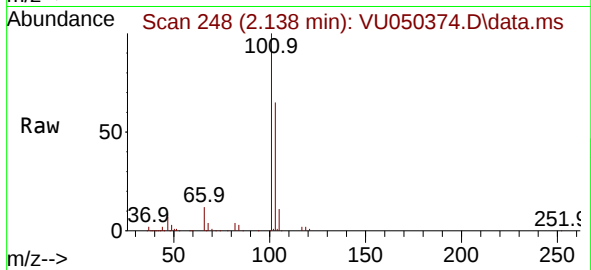
Tgt Ion: 64 Resp: 104638
Ion Ratio Lower Upper
64 100
66 31.3 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 11.560 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU050374.D
 Acq: 19 Aug 2022 13:41

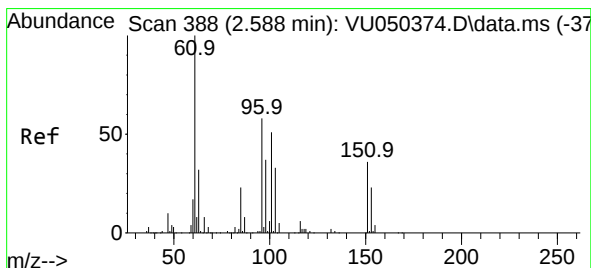
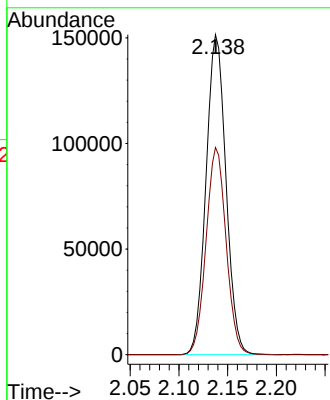
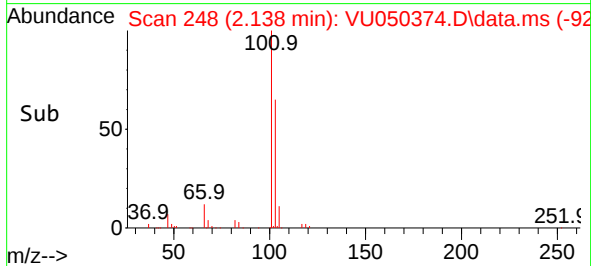
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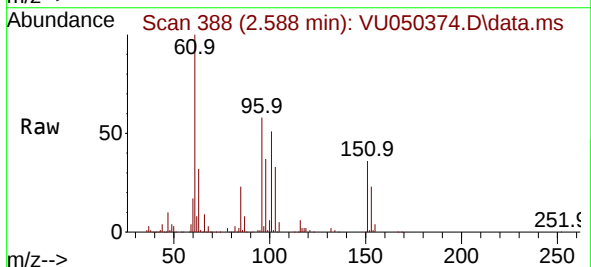
Tgt Ion:101 Resp: 21541
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6

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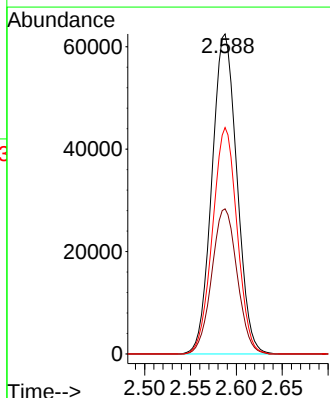
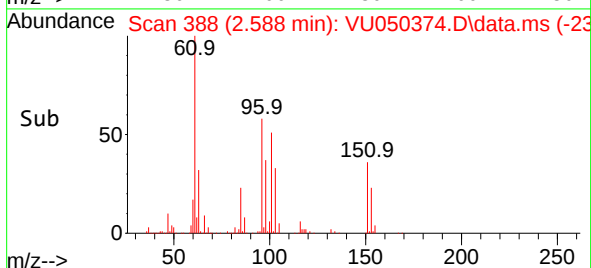
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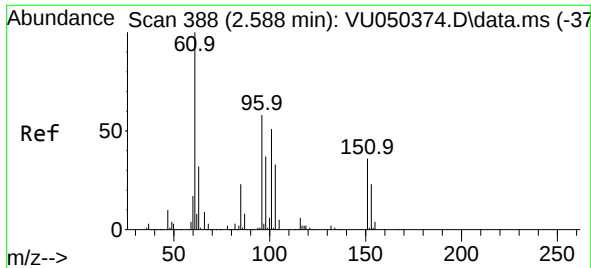


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.748 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU050374.D
 Acq: 19 Aug 2022 13:41



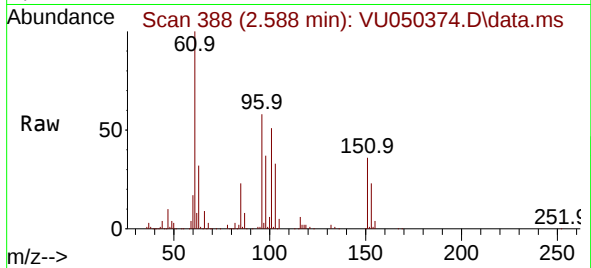
Tgt Ion:101 Resp: 118449
 Ion Ratio Lower Upper
 101 100
 85 46.1 36.4 54.6
 151 69.7 59.1 88.7





#9
1,1-Dichloroethene
Concen: 11.106 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

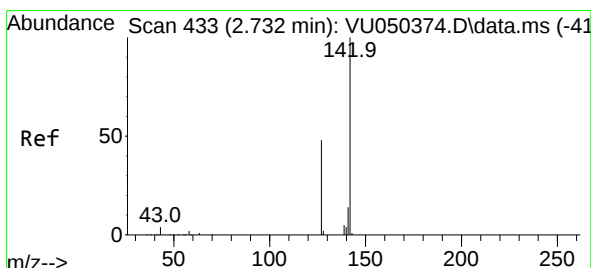
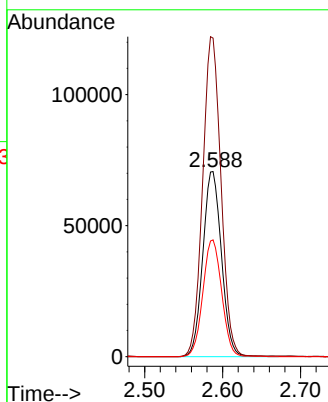
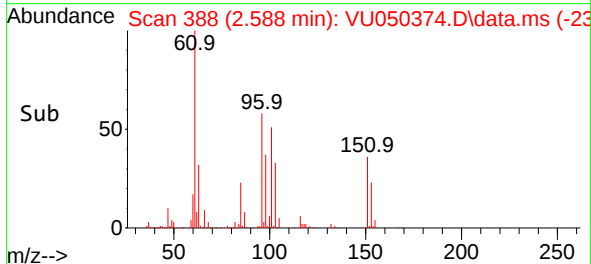
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 11758
Ion Ratio Lower Upper
96 100
61 172.1 0.0 510.6
98 63.1 0.0 124.6

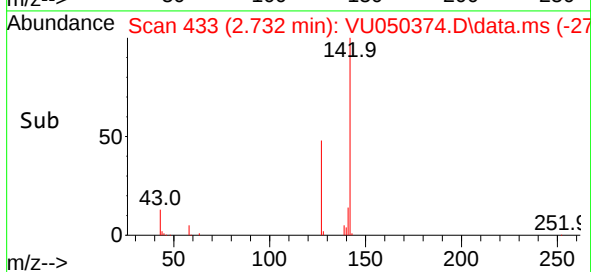
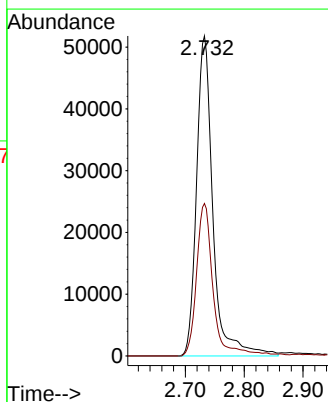
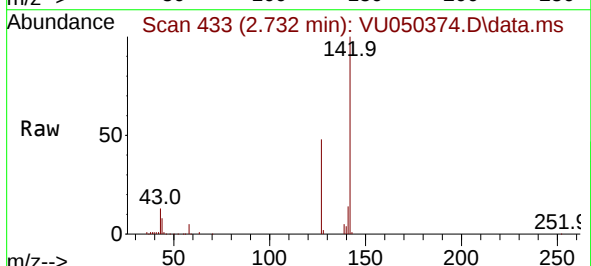
Manual Integrations
APPROVED

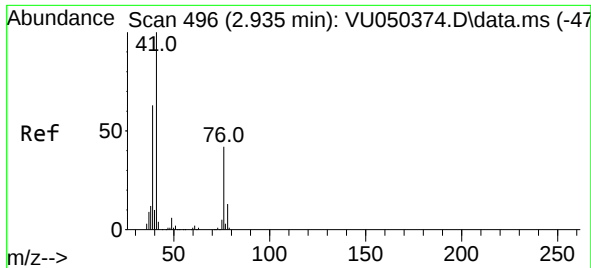
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#10
Iodomethane
Concen: 9.797 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

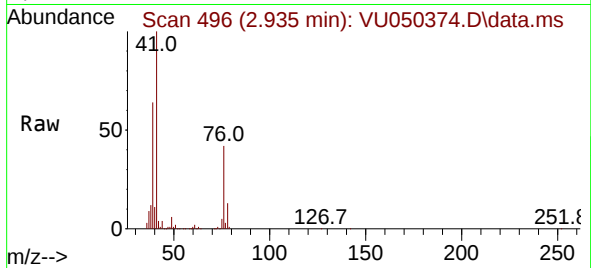
Tgt Ion:142 Resp: 100074
Ion Ratio Lower Upper
142 100
127 47.8 38.2 57.2





#11
 Allyl Chloride
 Concen: 10.490 ug/l
 RT: 2.935 min Scan# 496
 Delta R.T. 0.000 min
 Lab File: VU050374.D
 Acq: 19 Aug 2022 13:41

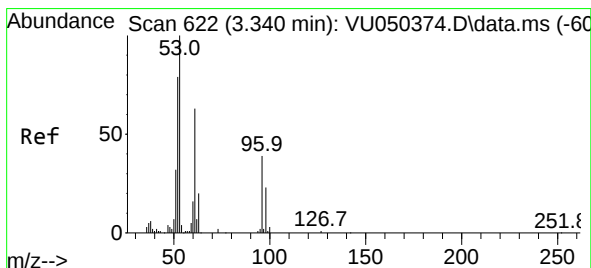
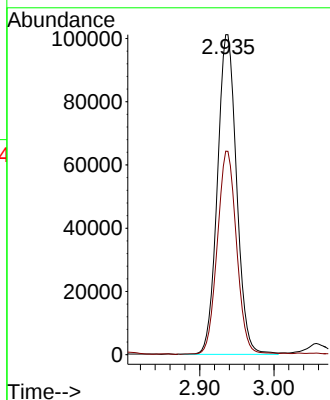
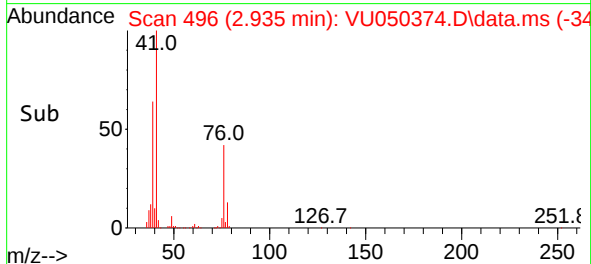
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDICCC010



Tgt Ion: 41 Resp: 18182
 Ion Ratio Lower Upper
 41 100
 39 63.6 53.2 79.8

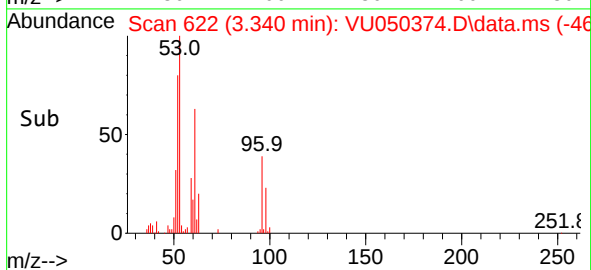
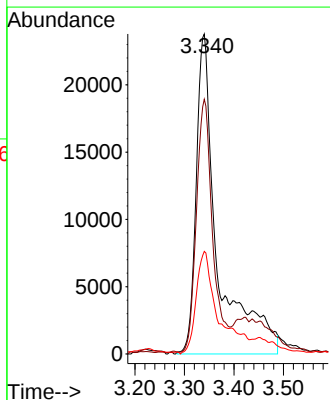
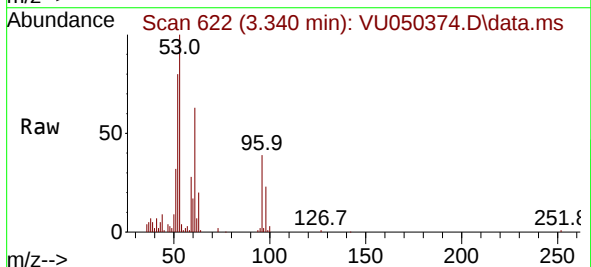
Manual Integrations
 APPROVED

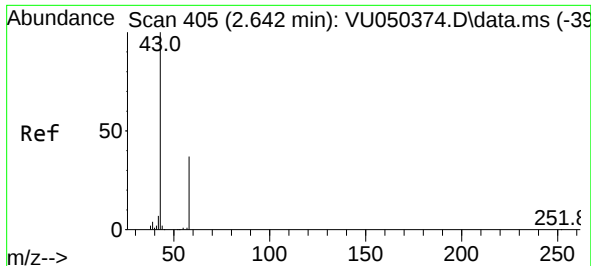
Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#12
 Acrylonitrile
 Concen: 20.774 ug/l m
 RT: 3.340 min Scan# 622
 Delta R.T. 0.000 min
 Lab File: VU050374.D
 Acq: 19 Aug 2022 13:41

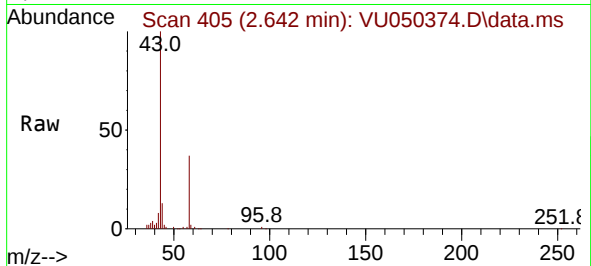
Tgt Ion: 53 Resp: 72119
 Ion Ratio Lower Upper
 53 100
 52 59.1 64.6 97.0#
 51 30.8 30.7 46.1





#13
Acetone
Concen: 49.325 ug/l m
RT: 2.642 min Scan# 405
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

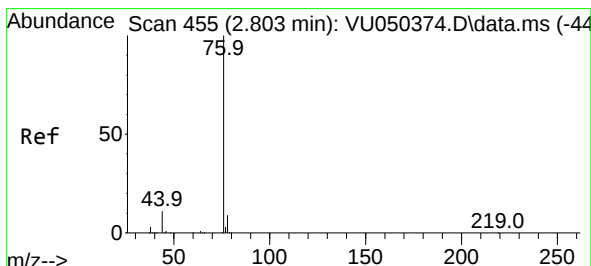
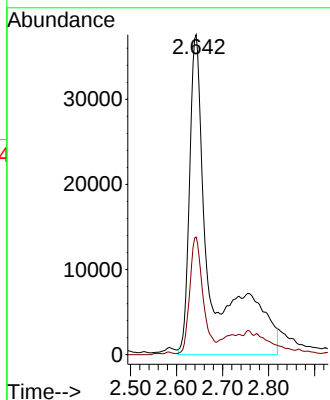
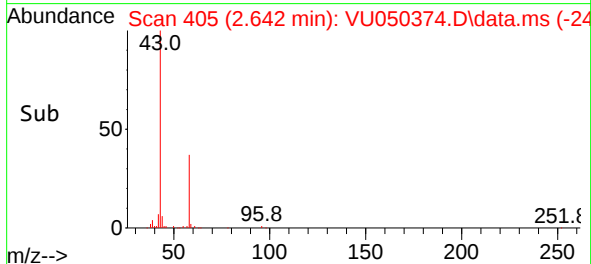
Instrument :
MSVOA_U
Client Sample Id :
VSTDICCC010



Tgt Ion: 43 Resp: 121924
Ion Ratio Lower Upper
43 100
58 36.8 26.2 39.2

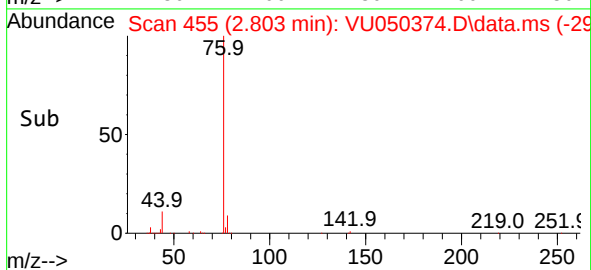
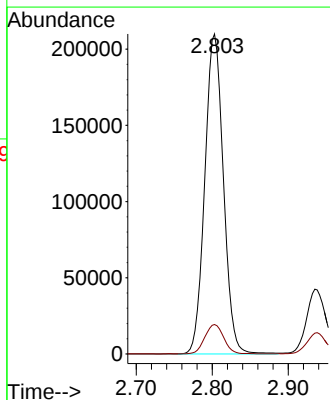
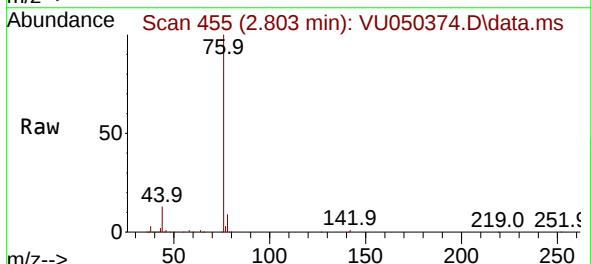
Manual Integrations
APPROVED

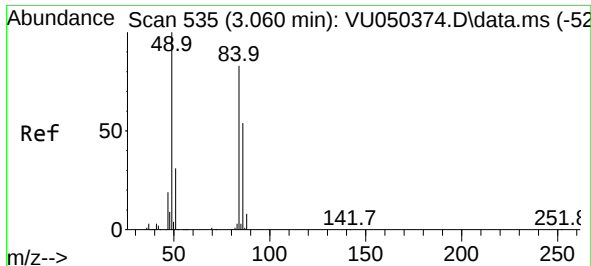
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#14
Carbon Disulfide
Concen: 9.960 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

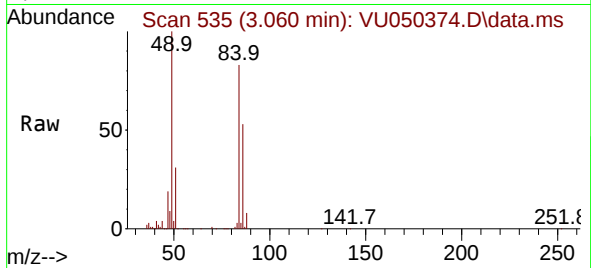
Tgt Ion: 76 Resp: 357265
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#15
Methylene Chloride
Concen: 9.628 ug/l
RT: 3.060 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

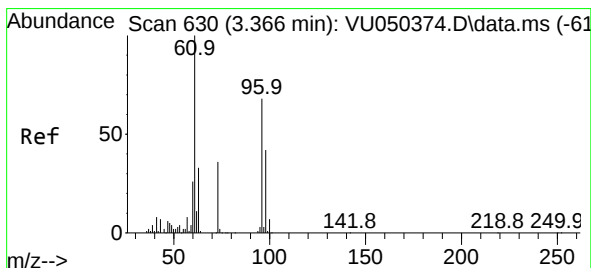
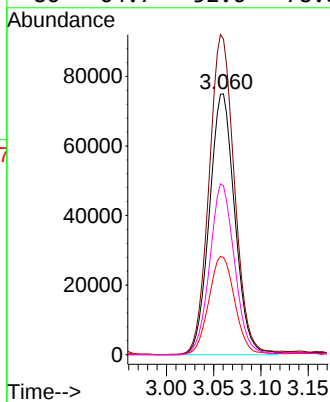
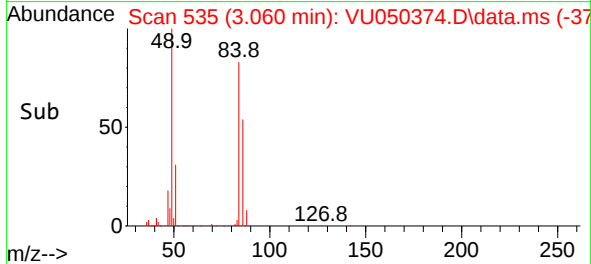
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 84 Resp: 140129
Ion Ratio Lower Upper
84 100
49 120.9 104.6 157.0
51 37.1 0.0 81.4
86 64.7 52.6 78.8

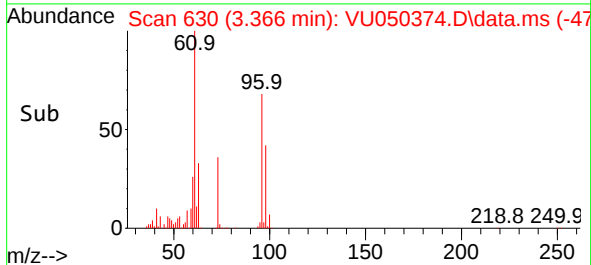
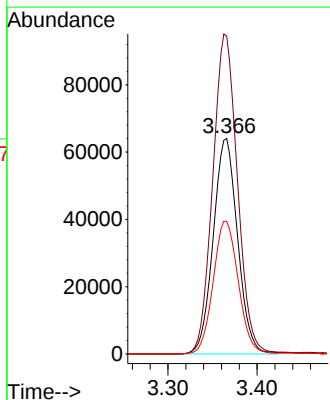
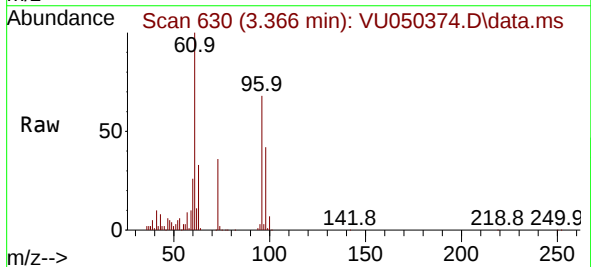
Manual Integrations
APPROVED

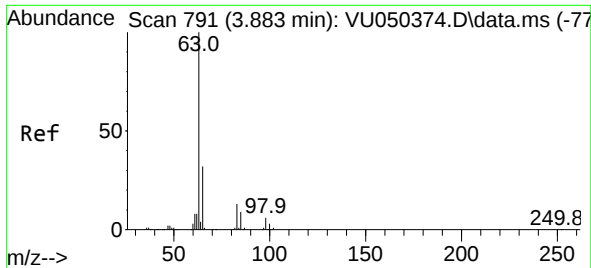
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#16
trans-1,2-Dichloroethene
Concen: 10.563 ug/l
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Tgt Ion: 96 Resp: 121864
Ion Ratio Lower Upper
96 100
61 147.5 123.4 185.0
98 61.4 51.6 77.4





#17

1,1-Dichloroethane

Concen: 10.798 ug/l

RT: 3.883 min Scan# 791

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

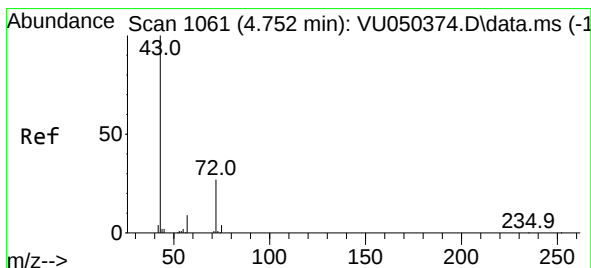
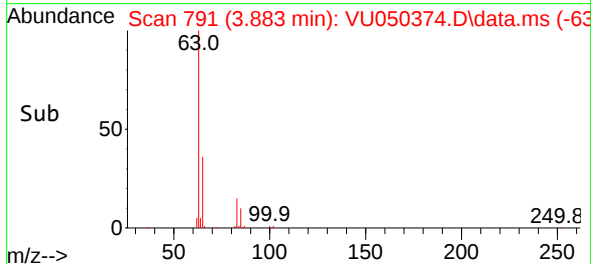
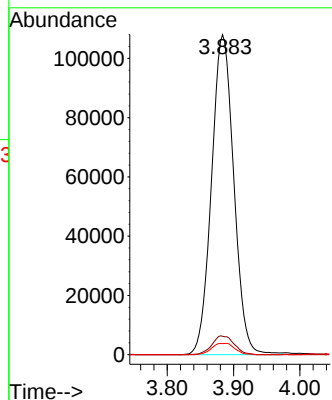
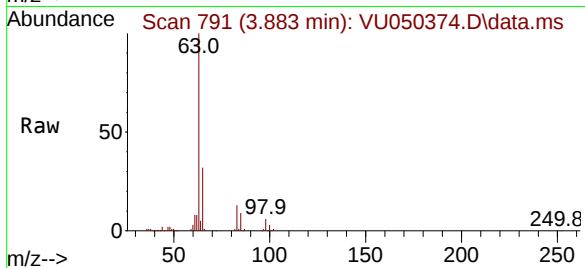
Tgt Ion:	63	Resp:	25182
Ion Ratio	Lower	Upper	
63	100		
98	5.8	3.4	10.2
100	3.5	2.0	6.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#18

2-Butanone

Concen: 52.152 ug/l m

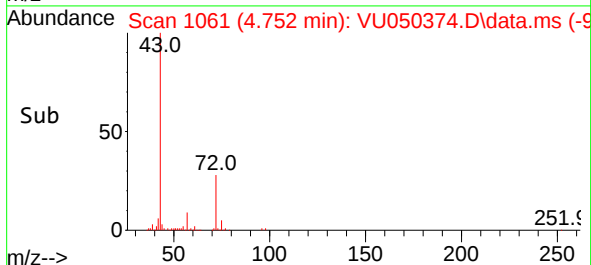
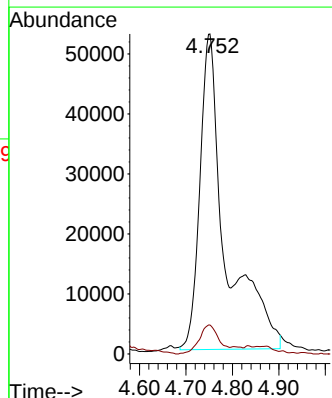
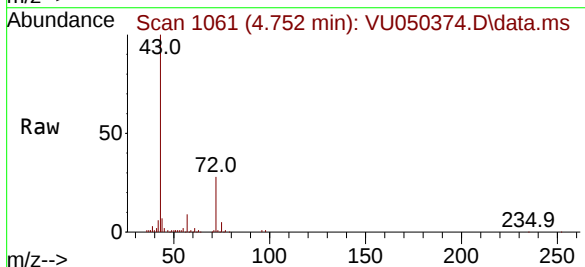
RT: 4.752 min Scan# 1061

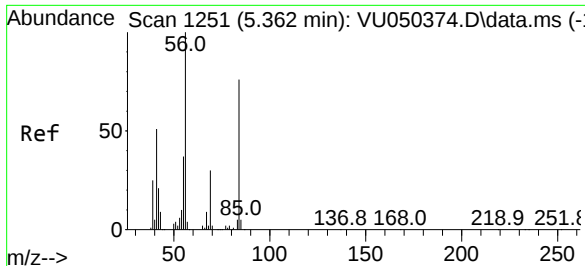
Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

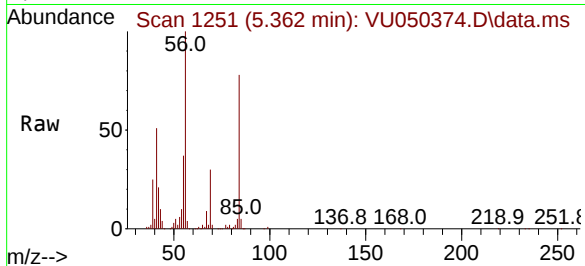
Tgt Ion:	43	Resp:	201100
Ion Ratio	Lower	Upper	
43	100		
57	9.1	0.0	18.0





#19
Cyclohexane
Concen: 13.029 ug/l m
RT: 5.362 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

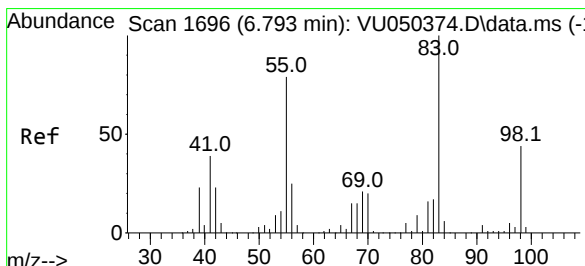
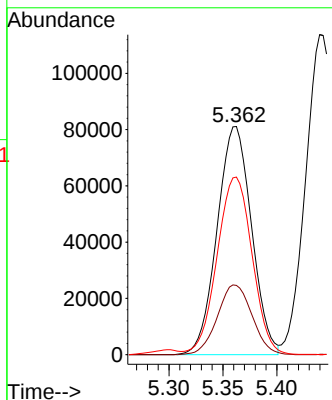
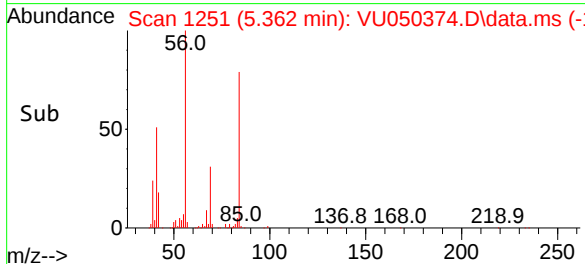
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 56 Resp: 180472
Ion Ratio Lower Upper
56 100
69 30.8 24.2 36.4
84 77.0 63.4 95.2

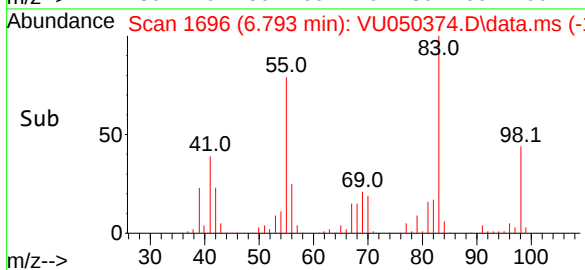
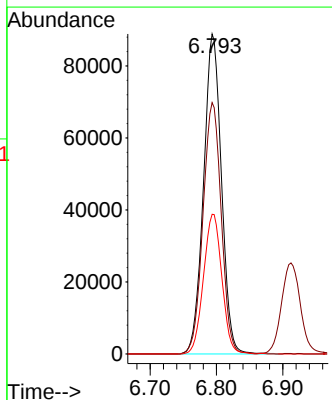
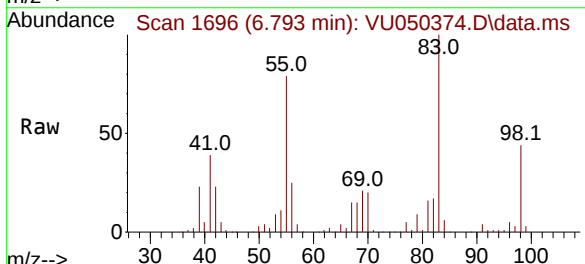
Manual Integrations
APPROVED

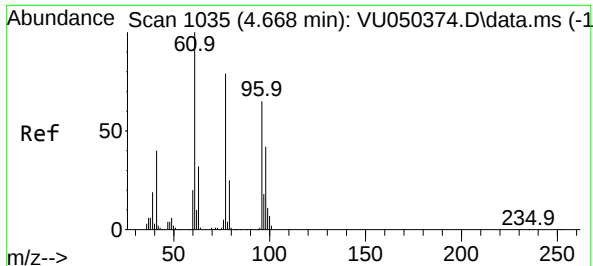
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#20
Methylcyclohexane
Concen: 12.580 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Tgt Ion: 83 Resp: 166851
Ion Ratio Lower Upper
83 100
55 79.7 63.0 94.4
98 44.7 35.7 53.5





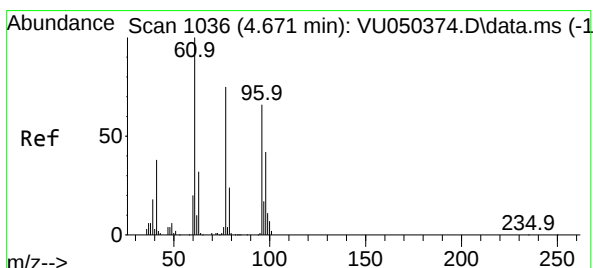
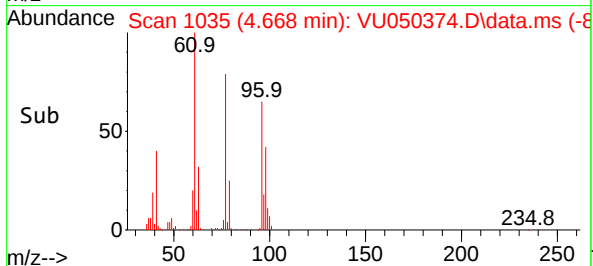
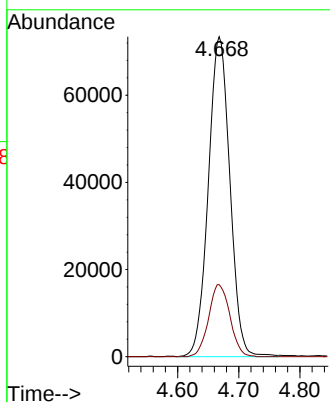
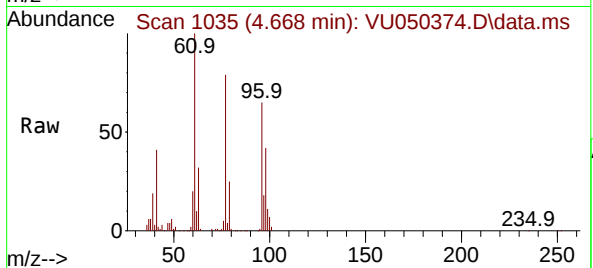
#21
2,2-Dichloropropane
Concen: 10.395 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 77 Resp: 179840
Ion Ratio Lower Upper
77 100
97 22.3 18.5 27.7

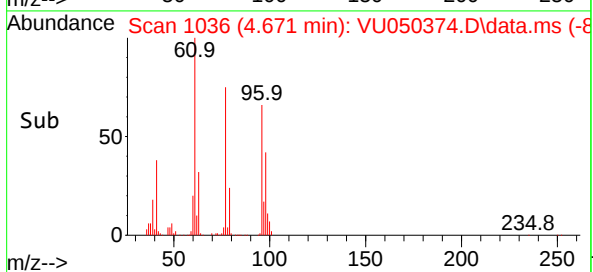
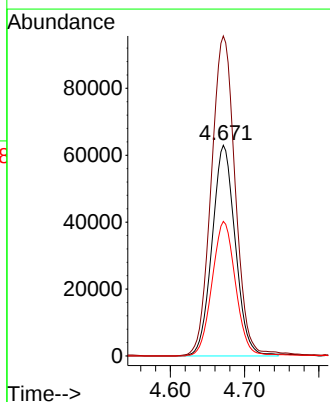
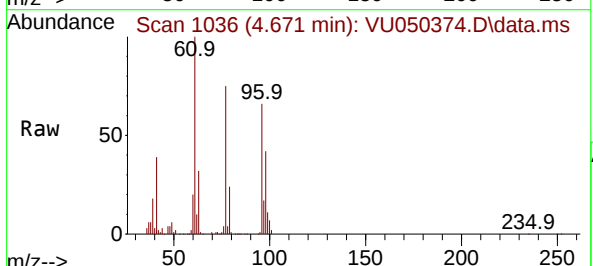
Manual Integrations
APPROVED

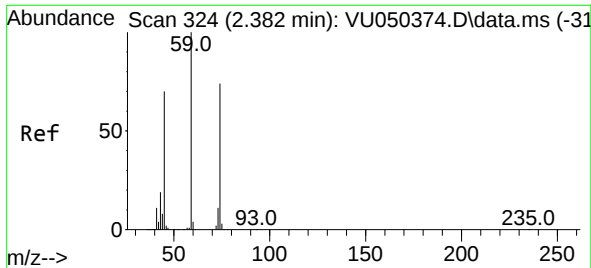
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#22
cis-1,2-Dichloroethene
Concen: 10.823 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

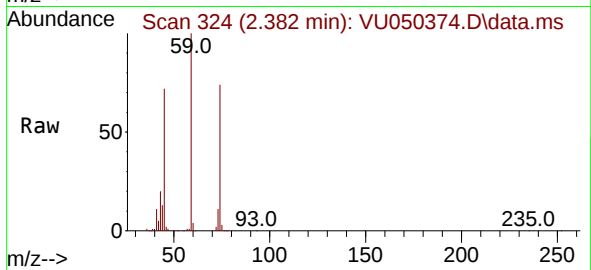
Tgt Ion: 96 Resp: 136719
Ion Ratio Lower Upper
96 100
61 158.2 0.0 375.8
98 65.2 31.6 95.0





#23
Diethyl Ether
Concen: 10.655 ug/l
RT: 2.382 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

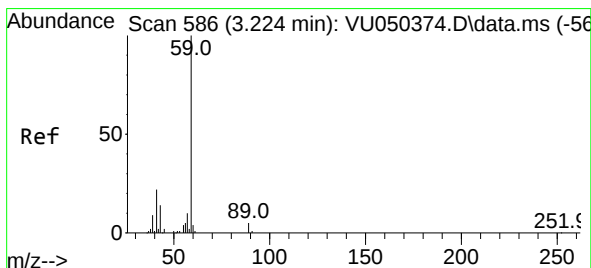
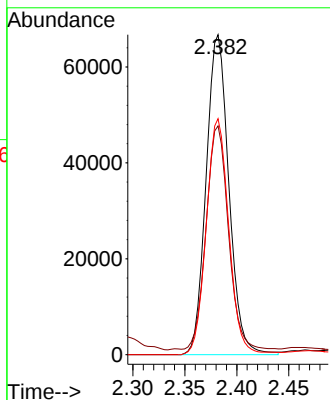
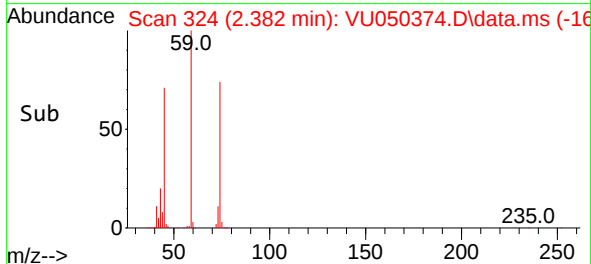
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 59 Resp: 10155
Ion Ratio Lower Upper
59 100
45 69.6 56.0 84.0
74 72.7 57.6 86.4

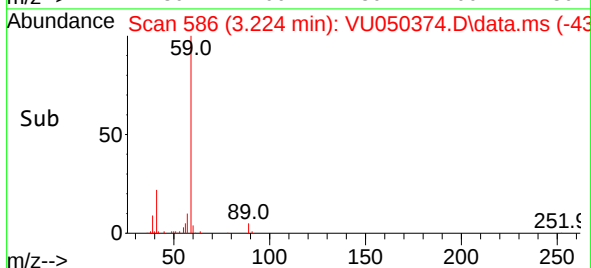
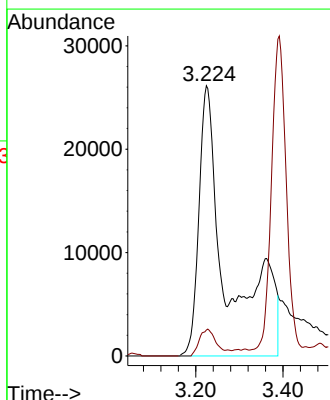
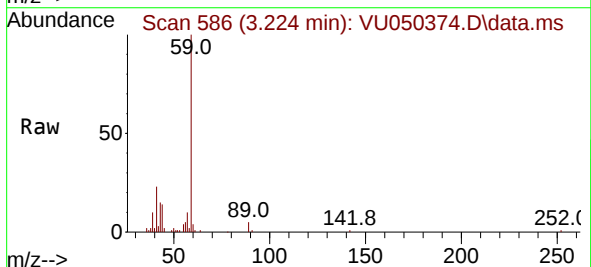
Manual Integrations
APPROVED

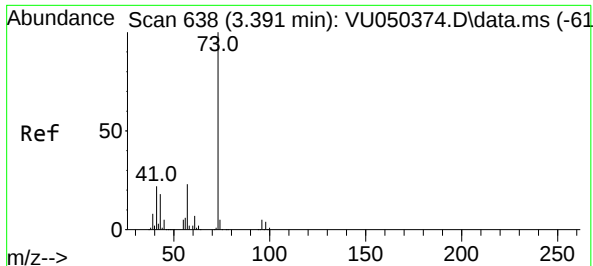
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#24
tert-Butyl Alcohol
Concen: 86.503 ug/l m
RT: 3.224 min Scan# 586
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Tgt Ion: 59 Resp: 116773
Ion Ratio Lower Upper
59 100
57 5.8 8.2 12.2#





#25

Methyl tert-Butyl Ether

Concen: 10.379 ug/l

RT: 3.391 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 73 Resp: 310374

Ion Ratio Lower Upper

73 100

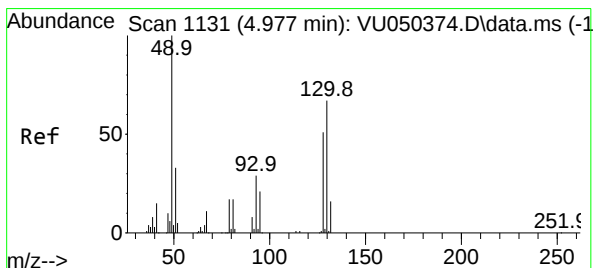
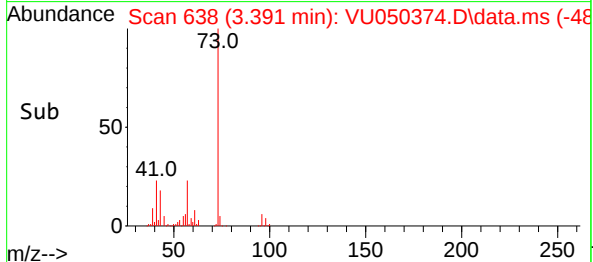
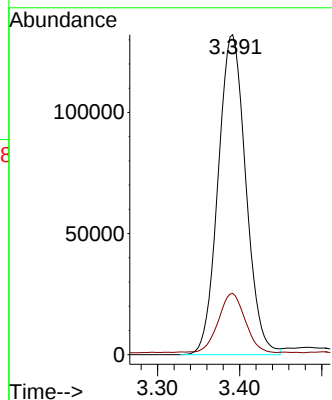
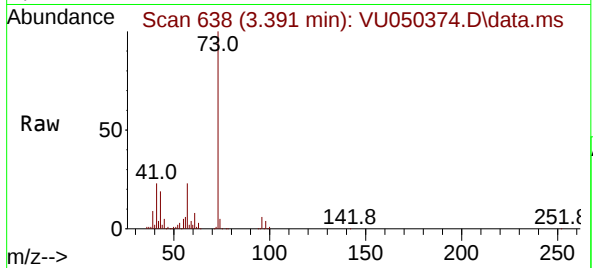
43 17.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#26

Bromochloromethane

Concen: 9.469 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

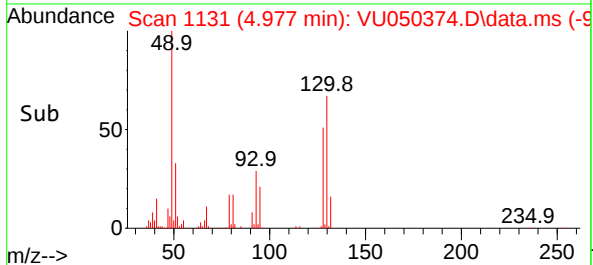
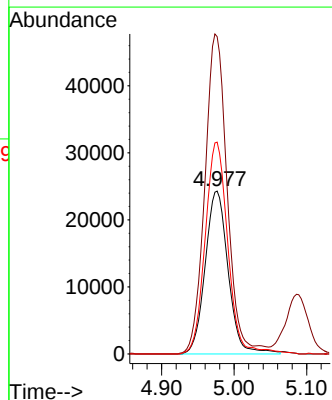
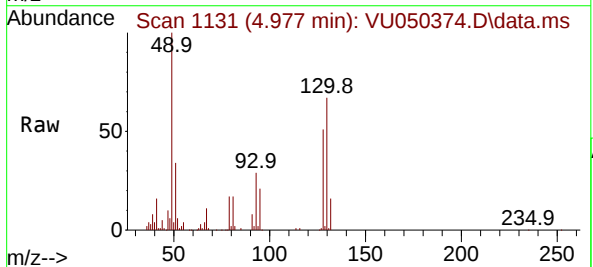
Tgt Ion:128 Resp: 53495

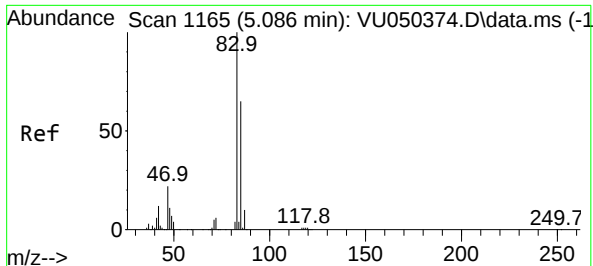
Ion Ratio Lower Upper

128 100

49 189.0 0.0 349.2

130 126.6 103.0 154.6





#27

Chloroform

Concen: 10.997 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 24277

Ion Ratio Lower Upper

83 100

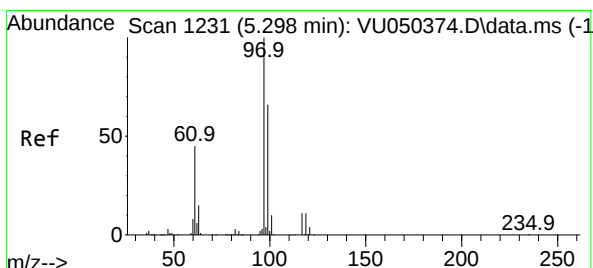
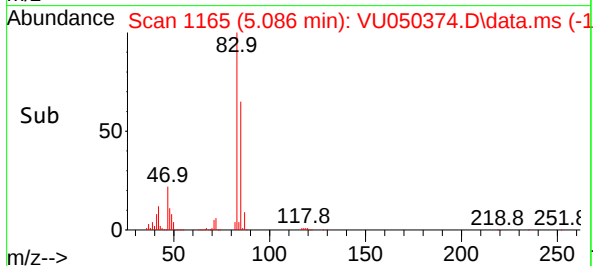
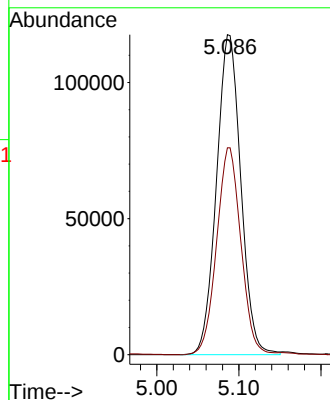
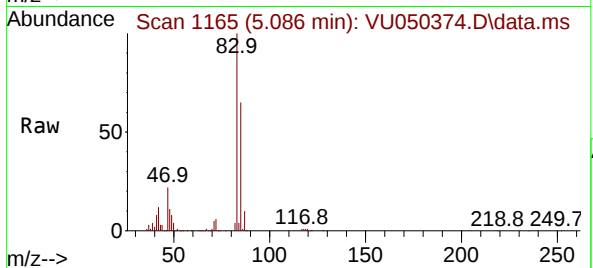
85 64.6 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#28

1,1,1-Trichloroethane

Concen: 11.778 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

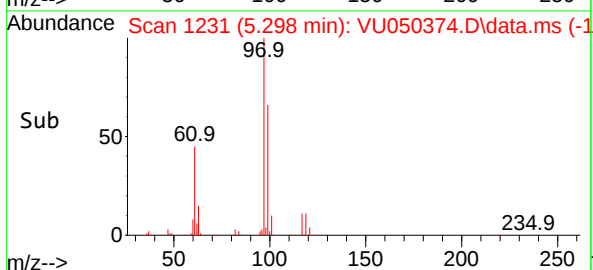
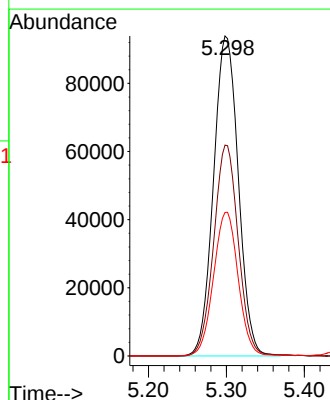
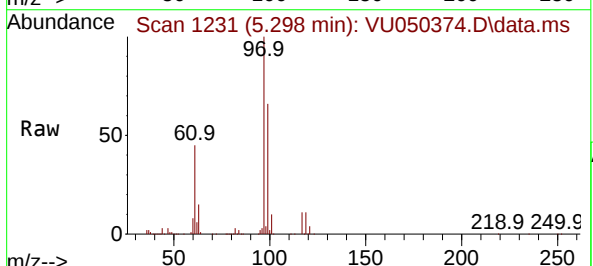
Tgt Ion: 97 Resp: 207905

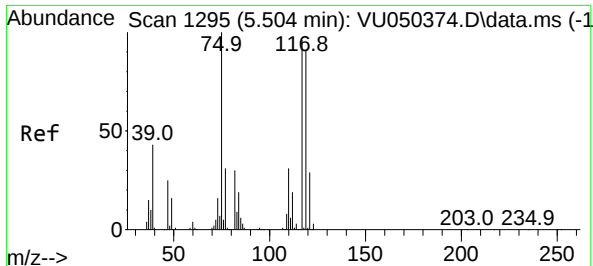
Ion Ratio Lower Upper

97 100

99 65.4 32.1 96.5

61 44.8 21.8 65.4





#29

1,1-Dichloropropene

Concen: 12.063 ug/l

RT: 5.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

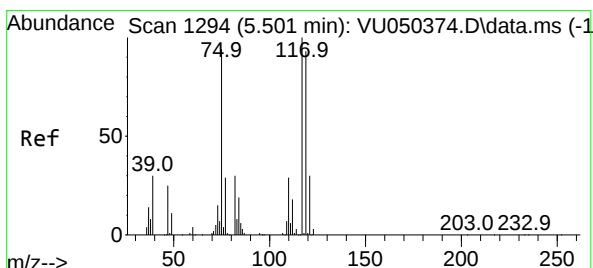
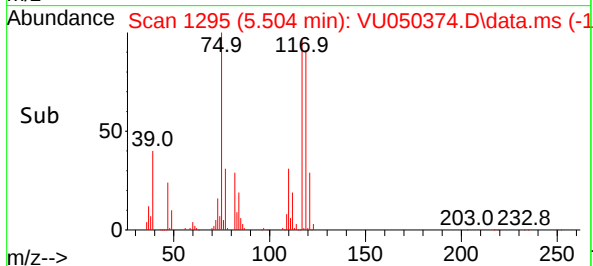
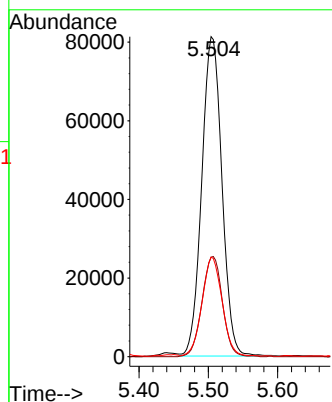
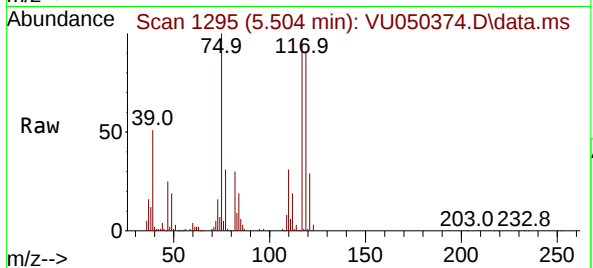
Tgt Ion:	75	Resp:	164494
Ion Ratio	Lower	Upper	
75	100		
110	31.6	17.3	52.0
77	30.5	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#30

Carbon Tetrachloride

Concen: 11.980 ug/l

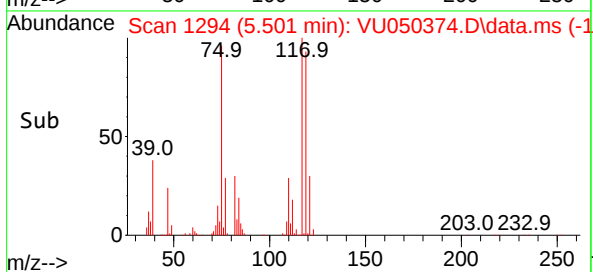
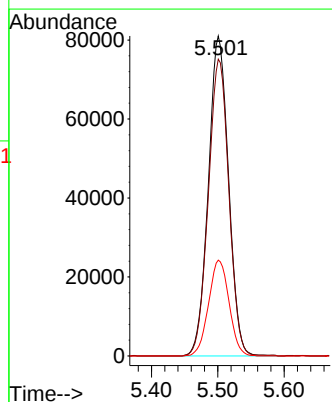
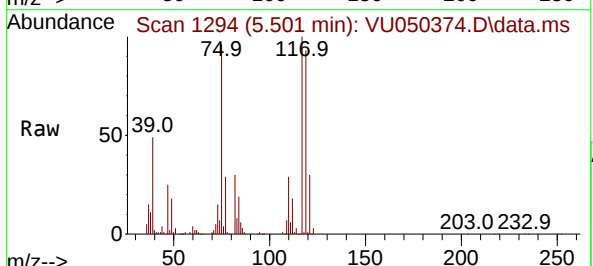
RT: 5.501 min Scan# 1294

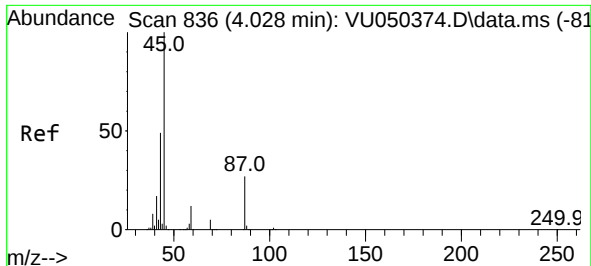
Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

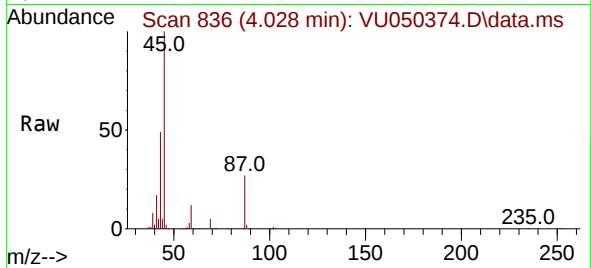
Tgt Ion:	117	Resp:	171657
Ion Ratio	Lower	Upper	
117	100		
119	92.8	74.6	112.0
121	30.0	24.2	36.4





#31
Isopropyl Ether
Concen: 10.846 ug/l
RT: 4.028 min Scan# 836
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

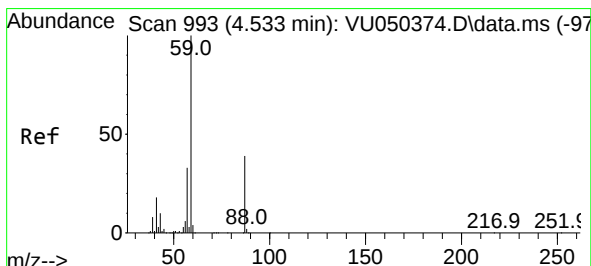
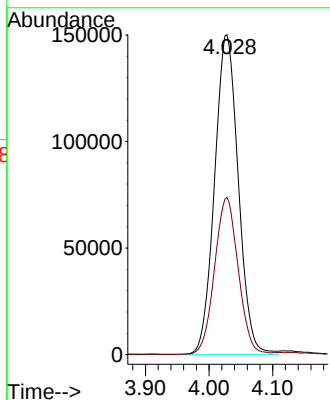
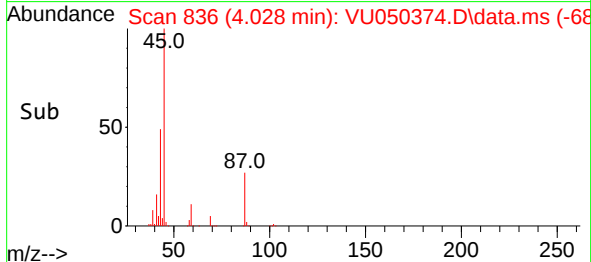
Instrument :
MSVOA_U
Client Sample Id :
VSTDICCC010



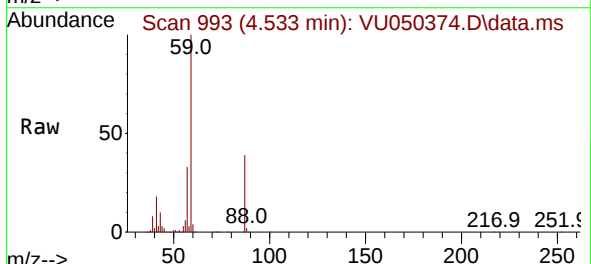
Tgt Ion: 45 Resp: 38840
Ion Ratio Lower Upper
45 100
43 48.9 23.8 71.2

Manual Integrations
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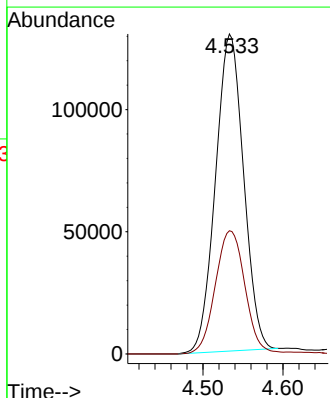
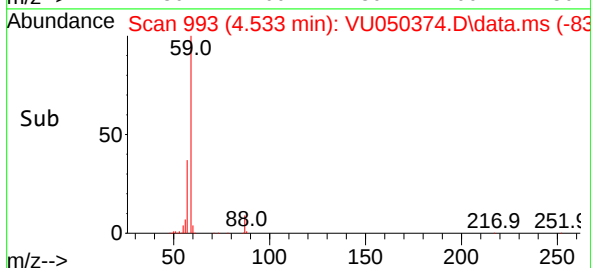
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

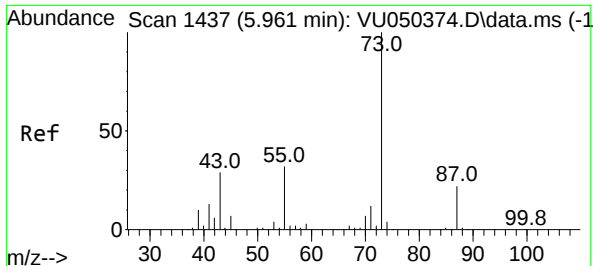


#32
Ethyl-t-butyl ether
Concen: 11.004 ug/l
RT: 4.533 min Scan# 993
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41



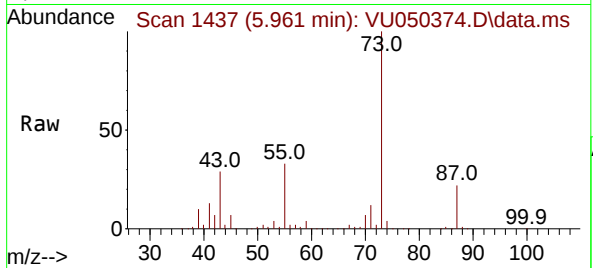
Tgt Ion: 59 Resp: 316059
Ion Ratio Lower Upper
59 100
87 40.2 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 12.432 ug/l
RT: 5.961 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

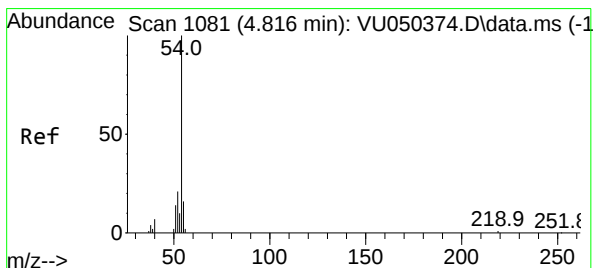
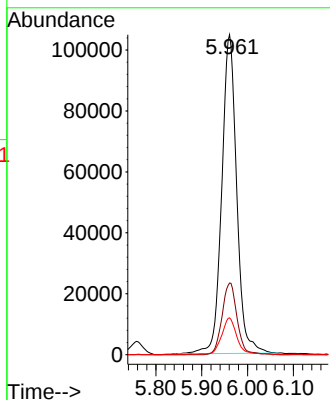
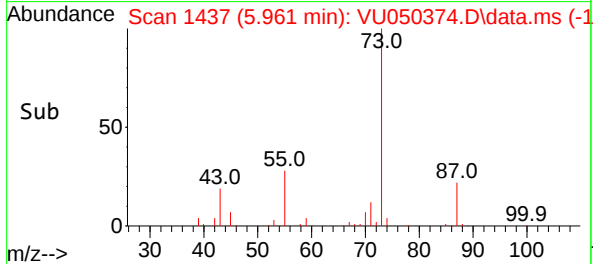
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 237204
Ion Ratio Lower Upper
73 100
87 22.7 19.7 29.5
71 11.0 9.0 13.4

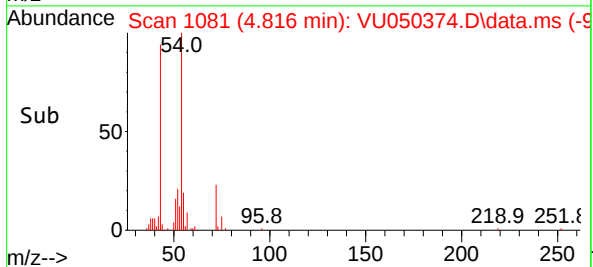
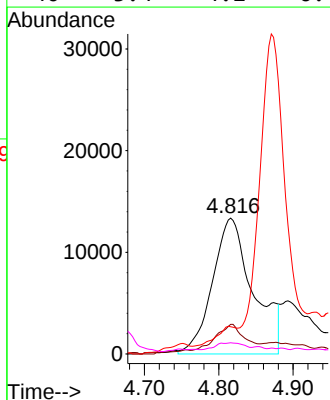
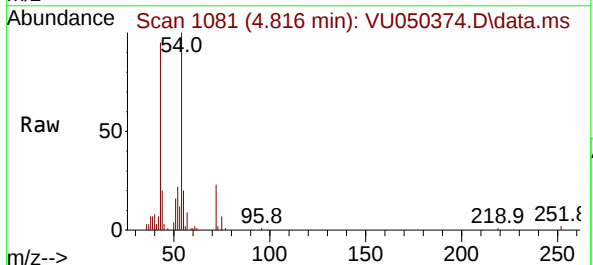
Manual Integrations
APPROVED

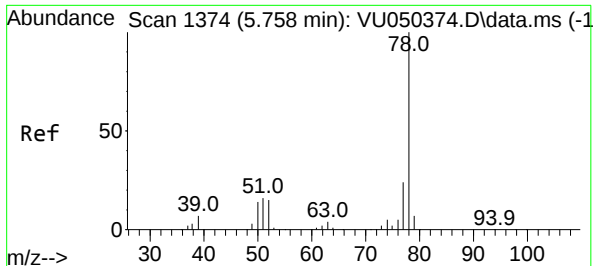
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#34
Propionitrile
Concen: 39.032 ug/l m
RT: 4.816 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Tgt Ion: 54 Resp: 50821
Ion Ratio Lower Upper
54 100
52 12.9 15.0 22.6#
55 6.5 12.6 19.0#
40 3.4 4.2 6.4#





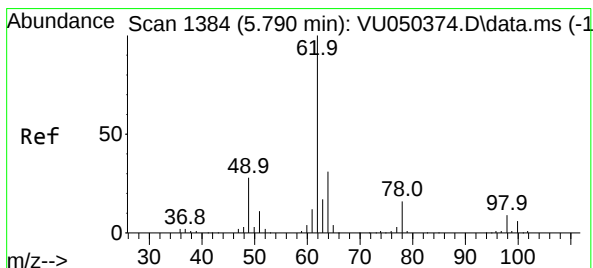
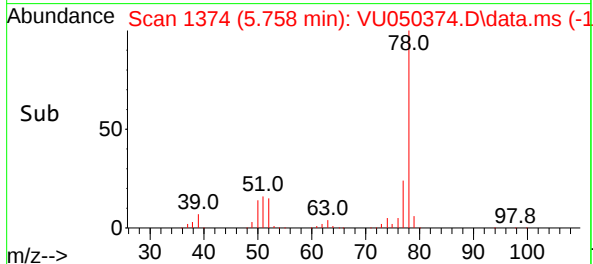
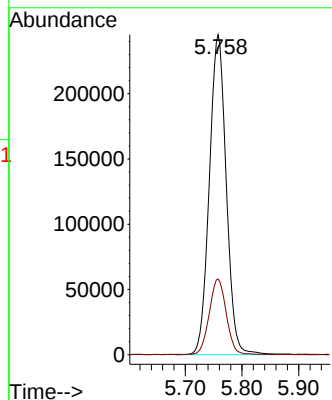
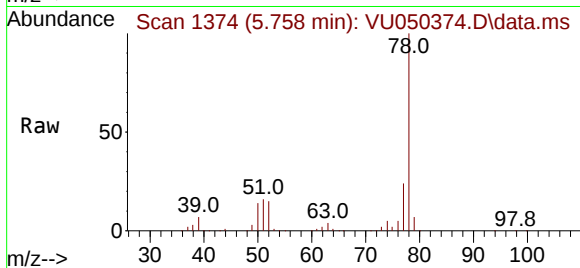
#35
Benzene
Concen: 11.257 ug/l
RT: 5.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 78 Resp: 50881
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0

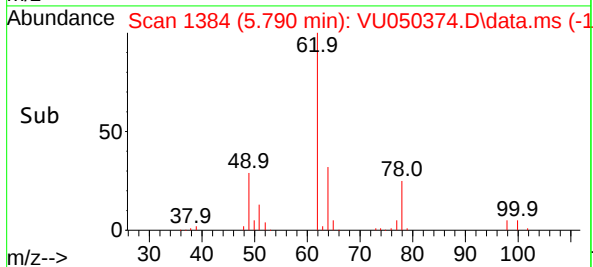
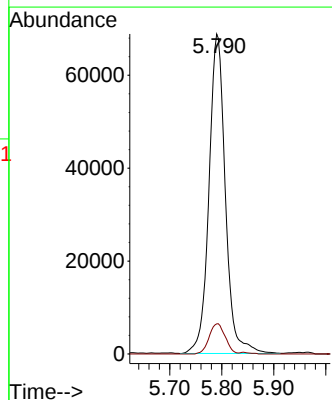
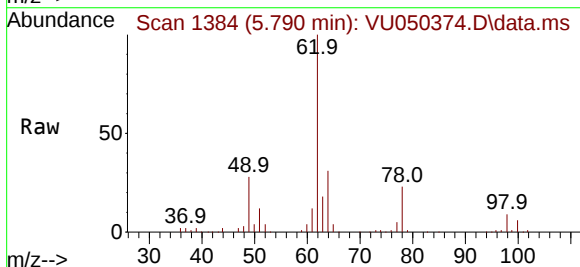
Manual Integrations
APPROVED

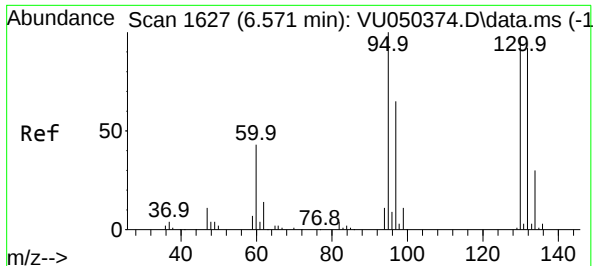
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#36
1,2-Dichloroethane
Concen: 10.638 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Tgt Ion: 62 Resp: 150559
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0





#37

Trichloroethene

Concen: 10.805 ug/l

RT: 6.571 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:130 Resp: 11859

Ion Ratio Lower Upper

130 100

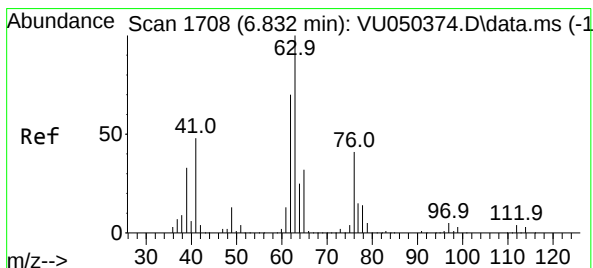
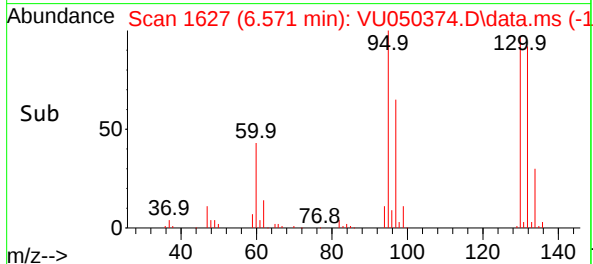
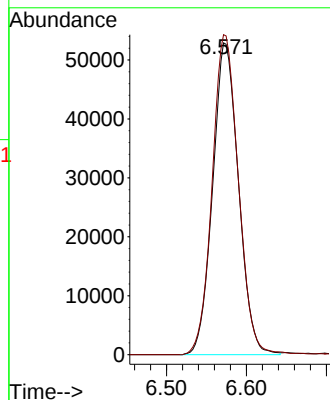
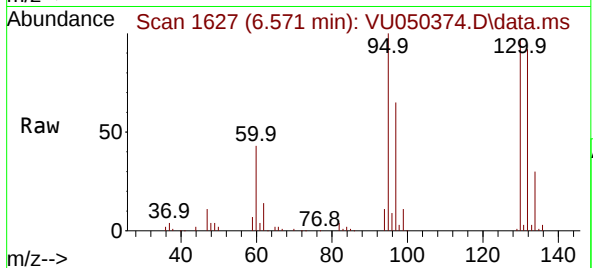
95 102.6 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#38

1,2-Dichloropropane

Concen: 11.281 ug/l

RT: 6.832 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VU050374.D

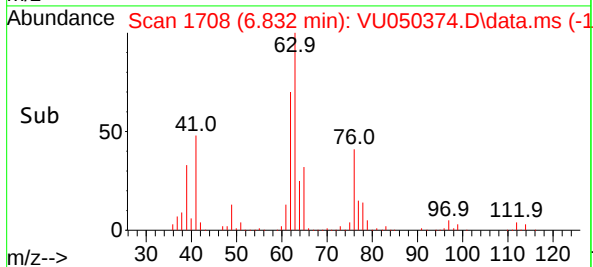
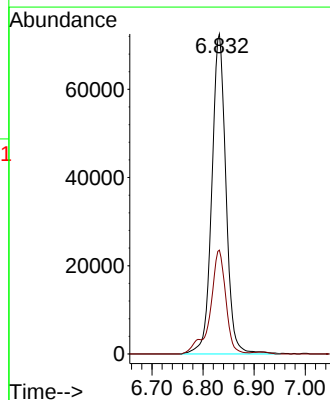
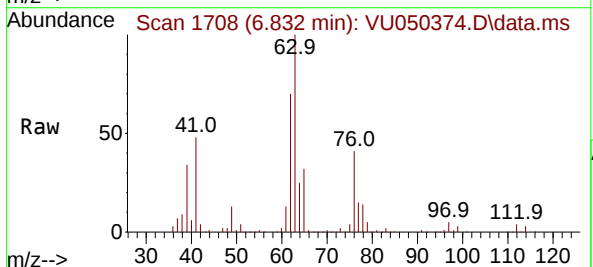
Acq: 19 Aug 2022 13:41

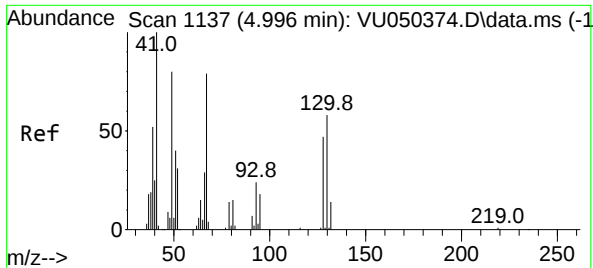
Tgt Ion: 63 Resp: 139441

Ion Ratio Lower Upper

63 100

65 32.4 25.0 37.4





#39

Methacrylonitrile

Concen: 10.157 ug/l

RT: 4.996 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 4279

Ion Ratio Lower Upper

41 100

67 79.3 59.4 89.0

39 50.4 42.2 63.2

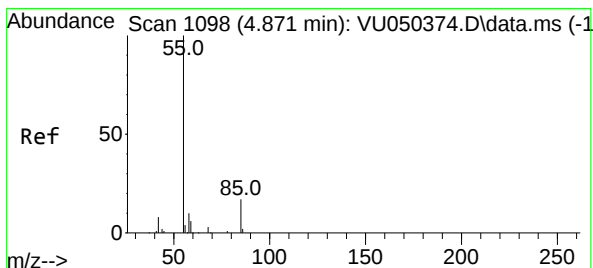
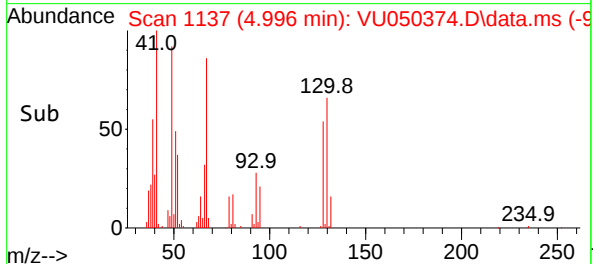
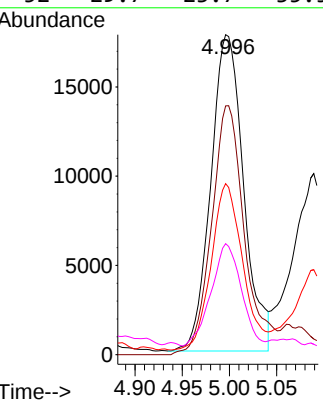
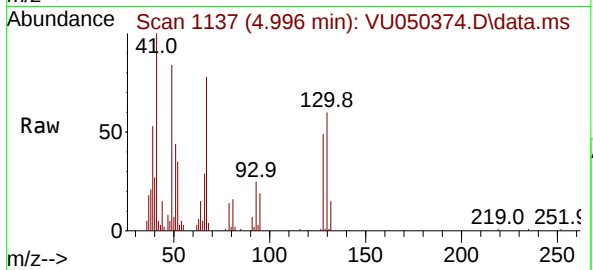
52 29.7 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#40

Methyl acrylate

Concen: 8.709 ug/l

RT: 4.871 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Tgt Ion: 55 Resp: 64265

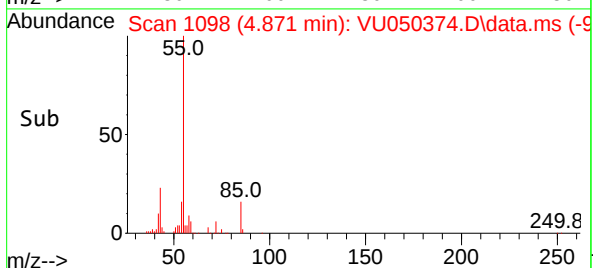
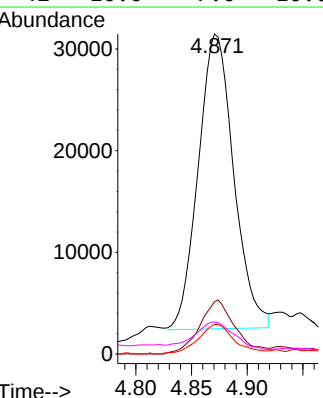
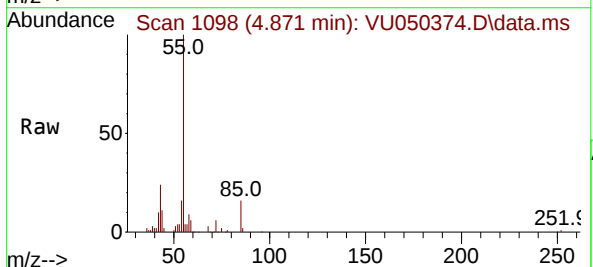
Ion Ratio Lower Upper

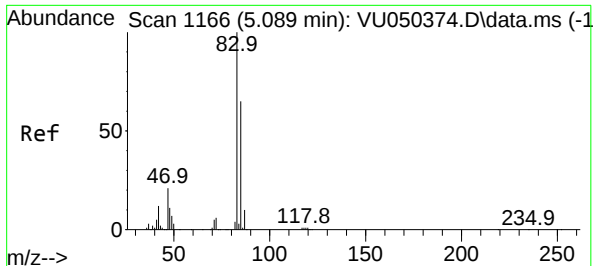
55 100

85 18.3 13.5 20.3

58 10.2 7.0 10.4

42 10.0 7.0 10.6





#41

Tetrahydrofuran

Concen: 20.351 ug/l m

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 42 Resp: 46604

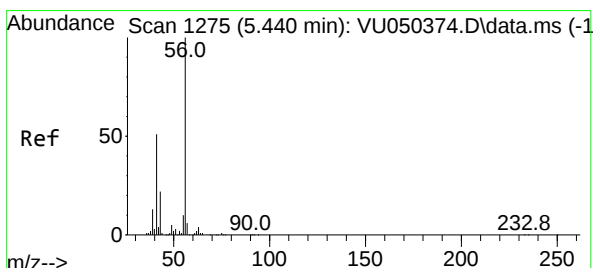
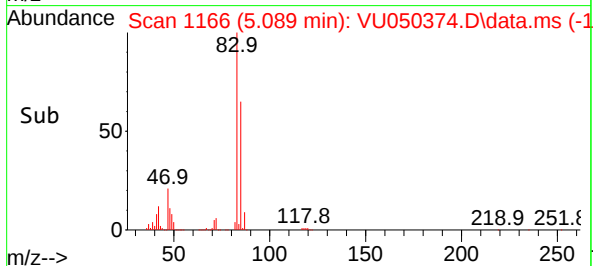
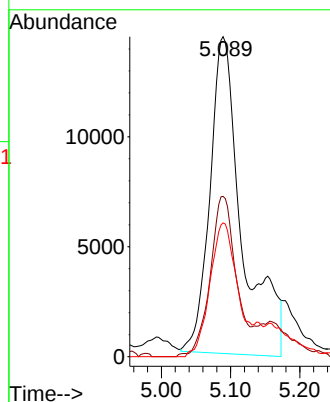
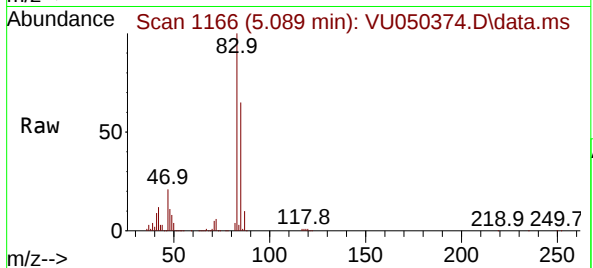
Ion	Ratio	Lower	Upper
42	100		
72	40.7	38.9	58.3
71	35.9	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#42

1-Chlorobutane

Concen: 11.902 ug/l

RT: 5.440 min Scan# 1275

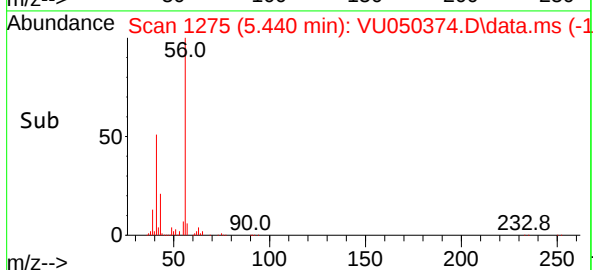
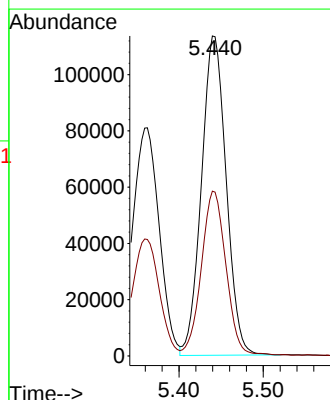
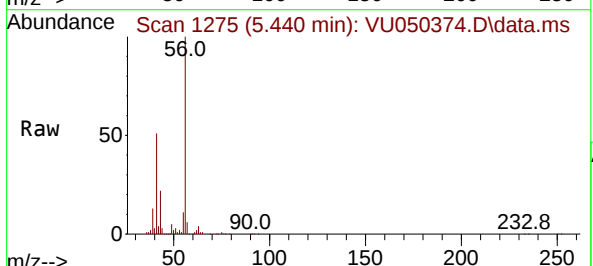
Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Tgt Ion: 56 Resp: 231613

Ion	Ratio	Lower	Upper
56	100		
41	50.8	26.4	79.2





#43

Dibromomethane

Concen: 10.794 ug/l

RT: 6.954 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 93 Resp: 73602

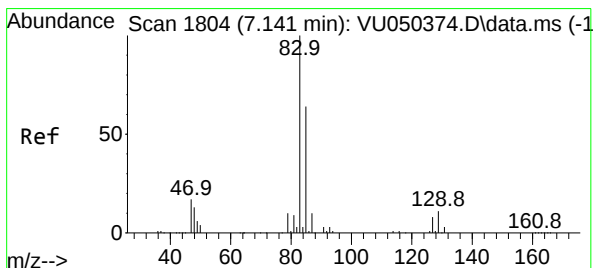
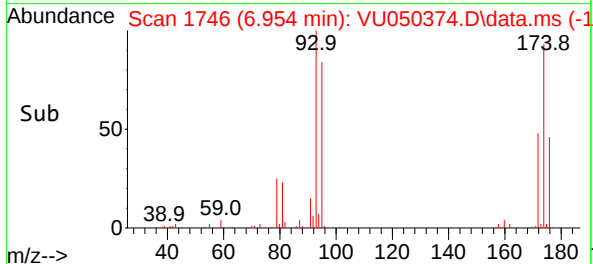
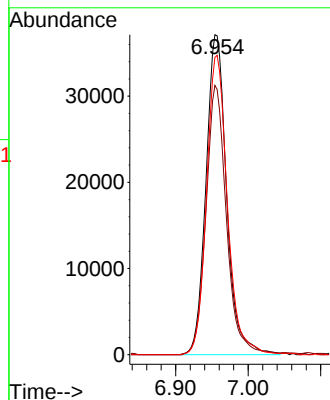
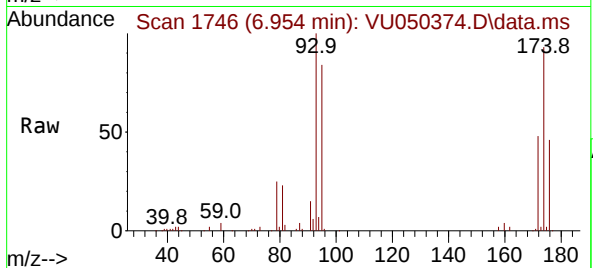
Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.0	97.6
174	94.3	76.3	114.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#44

Bromodichloromethane

Concen: 10.835 ug/l

RT: 7.141 min Scan# 1804

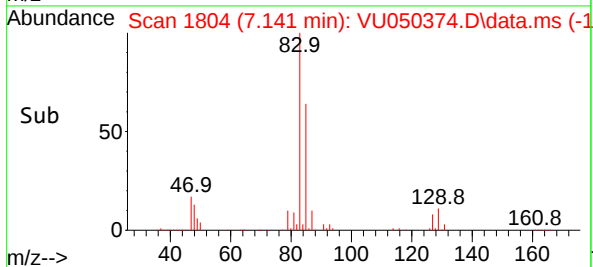
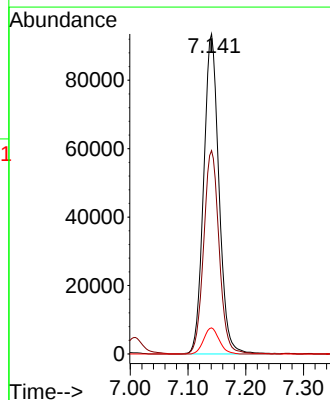
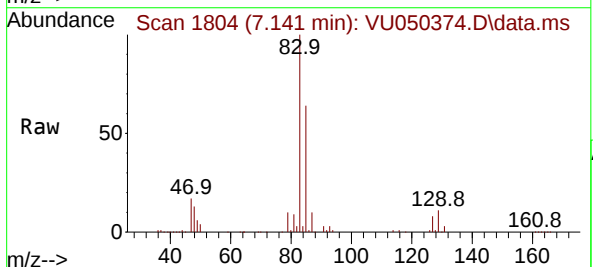
Delta R.T. 0.000 min

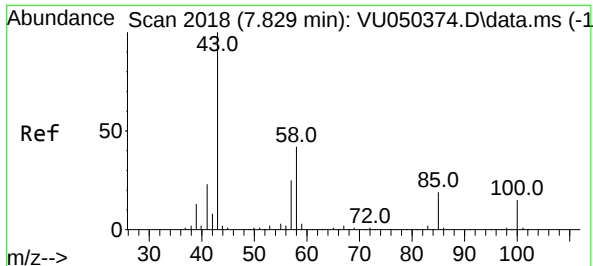
Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Tgt Ion: 83 Resp: 172155

Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.4	74.0
127	8.1	6.6	10.0





#45

4-Methyl-2-Pentanone

Concen: 56.869 ug/l

RT: 7.829 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 41429

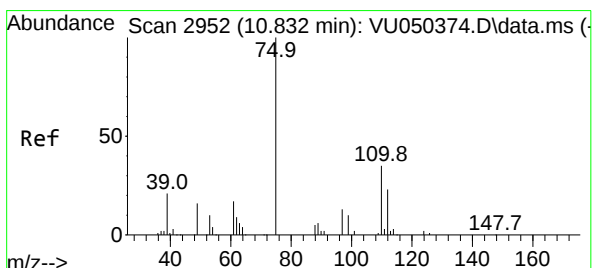
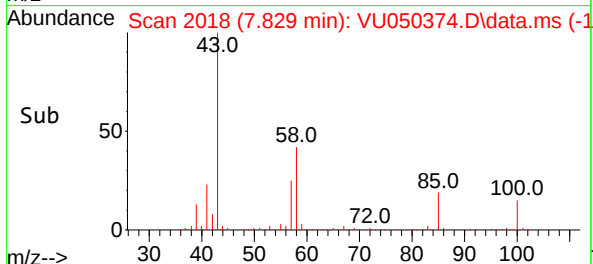
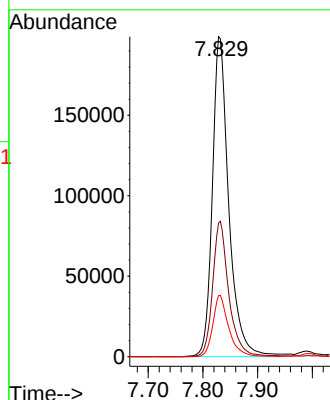
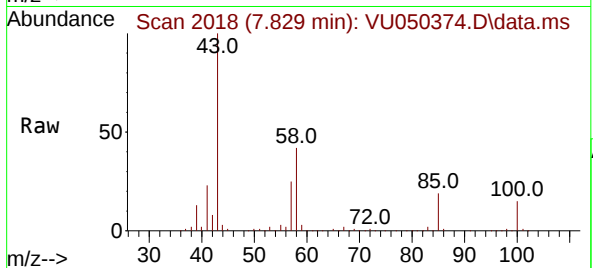
Ion	Ratio	Lower	Upper
43	100		
58	41.6	20.3	61.0
85	18.6	14.6	21.8

Manual Integrations

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Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#46

t-1,4-Dichloro-2-butene

Concen: 34.951 ug/l m

RT: 10.832 min Scan# 2952

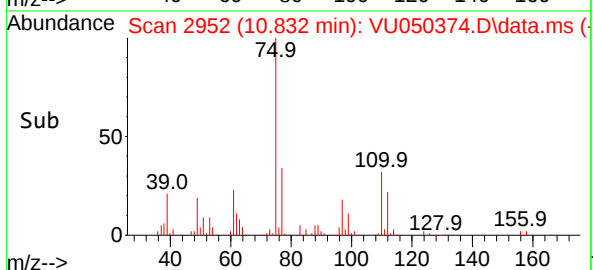
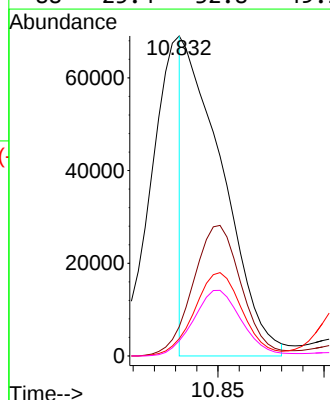
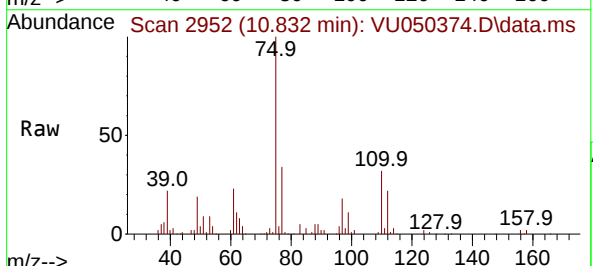
Delta R.T. 0.000 min

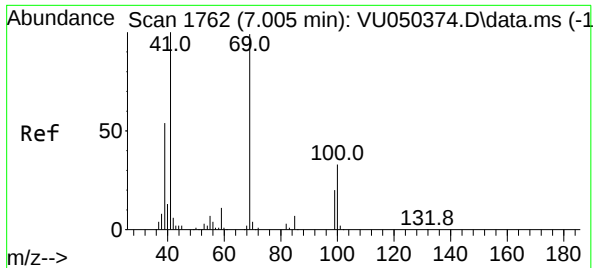
Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Tgt Ion: 75 Resp: 88953

Ion	Ratio	Lower	Upper
75	100		
53	50.8	64.4	96.6#
89	31.9	44.2	66.2#
88	25.4	32.8	49.2#





#47

Methyl methacrylate

Concen: 23.659 ug/l

RT: 7.005 min Scan# 1762

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 12982

Ion Ratio Lower Upper

69 100

41 101.9 0.0 225.4

39 53.7 45.8 68.8

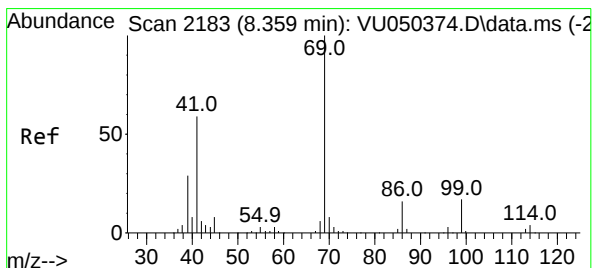
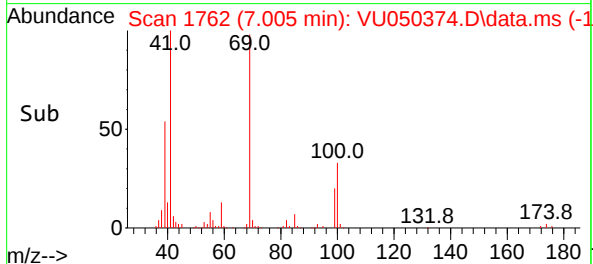
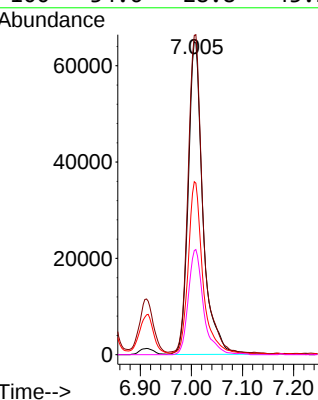
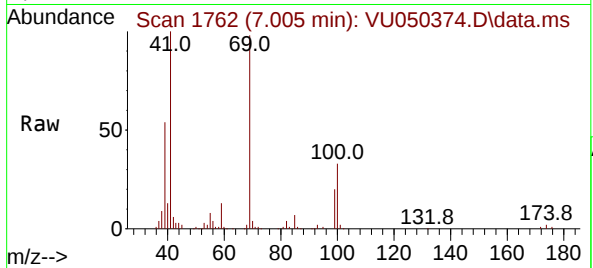
100 34.6 28.8 43.2

Manual Integrations

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Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#48

Ethyl methacrylate

Concen: 12.070 ug/l

RT: 8.359 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VU050374.D

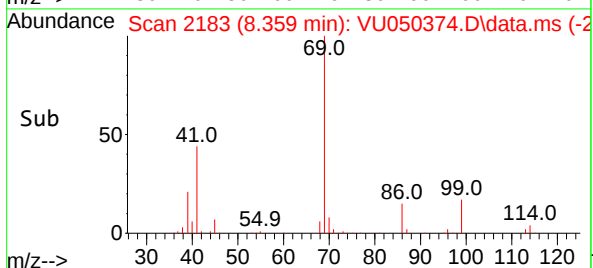
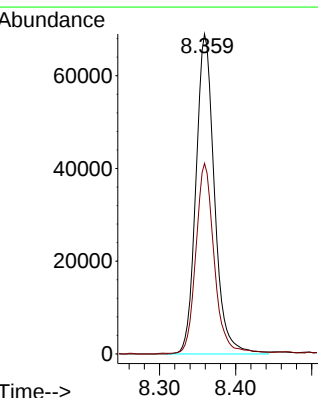
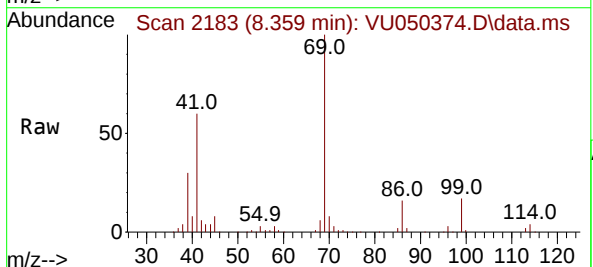
Acq: 19 Aug 2022 13:41

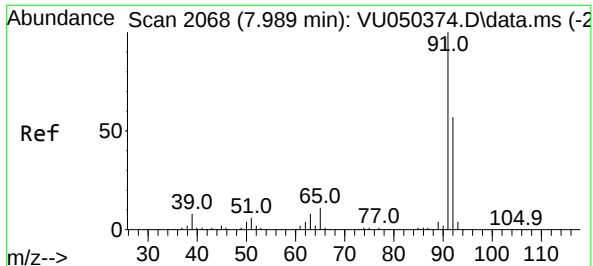
Tgt Ion: 69 Resp: 116503

Ion Ratio Lower Upper

69 100

41 58.7 32.3 96.9





#49

Toluene

Concen: 12.293 ug/l

RT: 7.989 min Scan# 2068

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 92 Resp: 308224

Ion Ratio Lower Upper

92 100

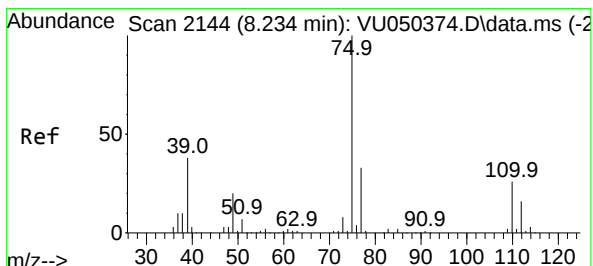
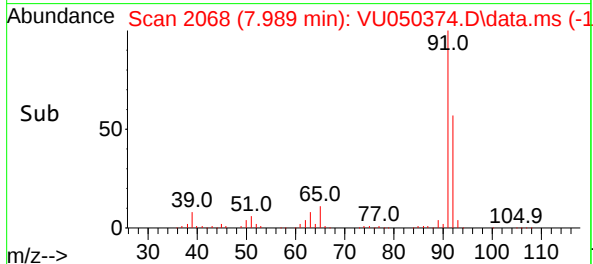
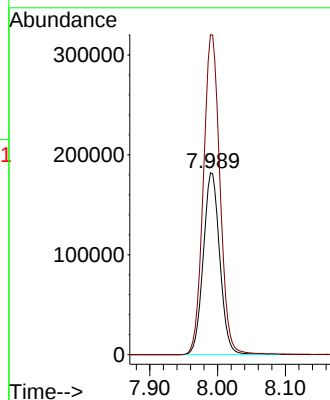
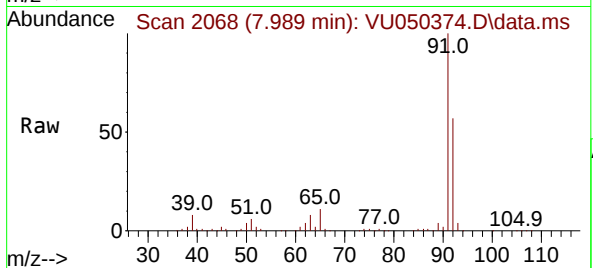
91 176.7 138.6 207.8

Manual Integrations

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Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#50

t-1,3-Dichloropropene

Concen: 11.152 ug/l

RT: 8.234 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VU050374.D

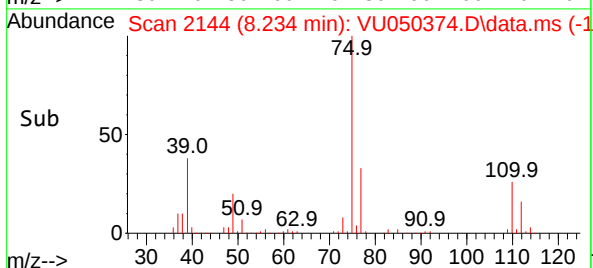
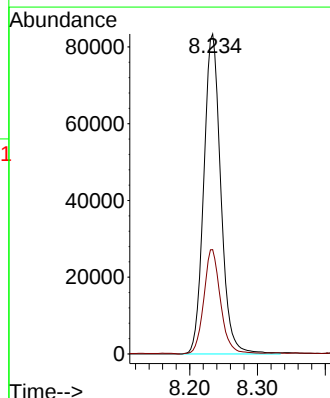
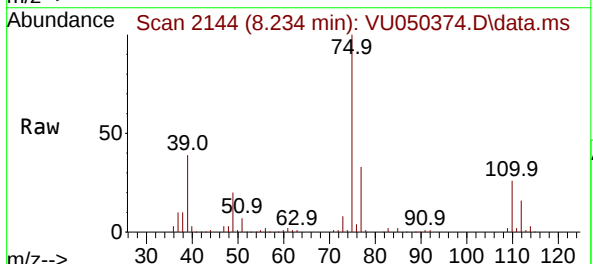
Acq: 19 Aug 2022 13:41

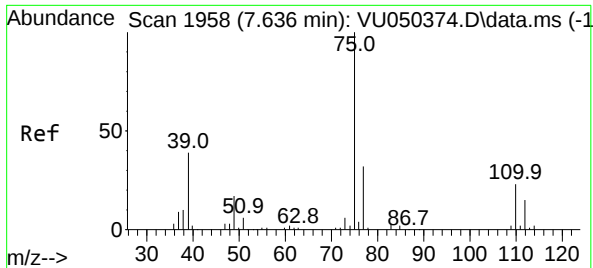
Tgt Ion: 75 Resp: 145418

Ion Ratio Lower Upper

75 100

77 32.6 24.7 37.1





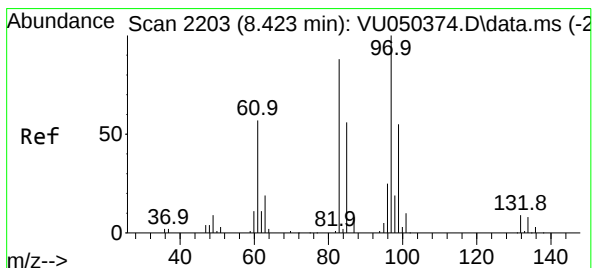
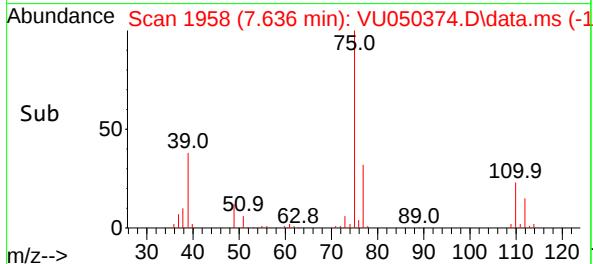
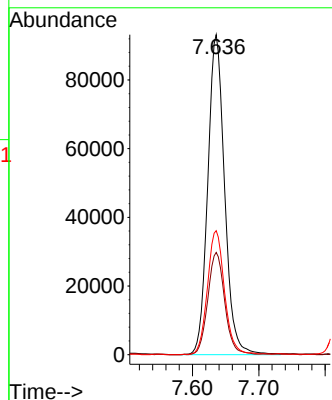
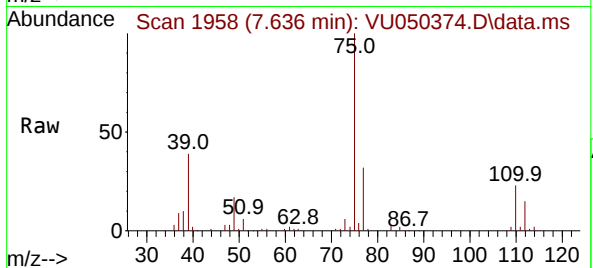
#51
 cis-1,3-Dichloropropene
 Concen: 11.020 ug/l
 RT: 7.636 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VU050374.D
 Acq: 19 Aug 2022 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 16427
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 38.8 35.1 52.7

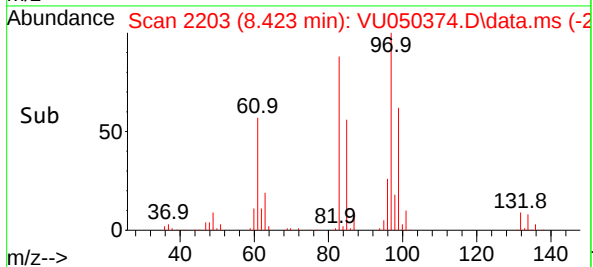
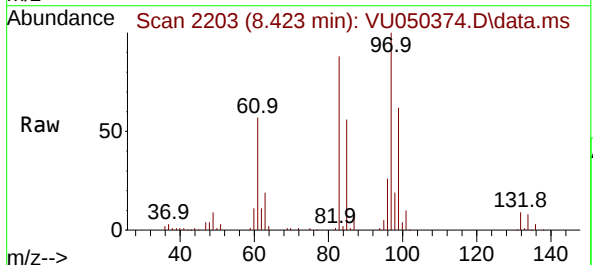
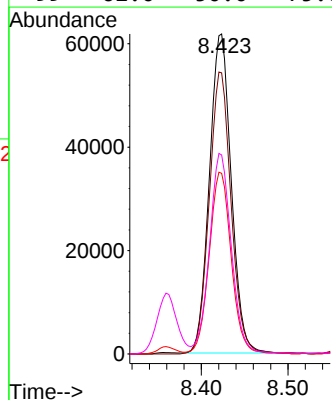
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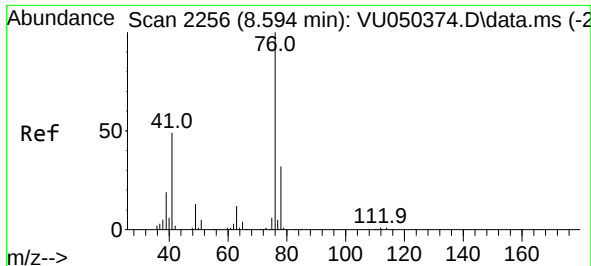
Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#52
 1,1,2-Trichloroethane
 Concen: 10.660 ug/l
 RT: 8.423 min Scan# 2203
 Delta R.T. 0.000 min
 Lab File: VU050374.D
 Acq: 19 Aug 2022 13:41

Tgt Ion: 97 Resp: 108294
 Ion Ratio Lower Upper
 97 100
 83 88.1 70.6 106.0
 85 56.3 46.2 69.4
 99 62.0 50.0 75.0





#53

1,3-Dichloropropane

Concen: 11.171 ug/l

RT: 8.594 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 76 Resp: 177010

Ion Ratio Lower Upper

76 100

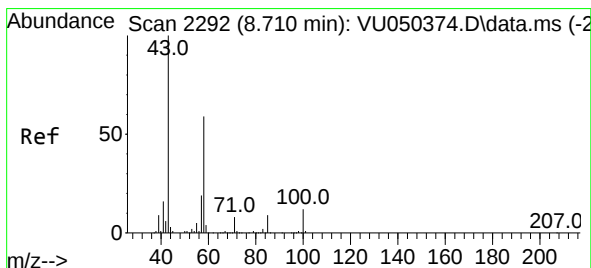
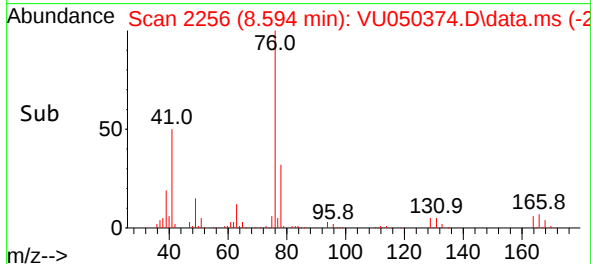
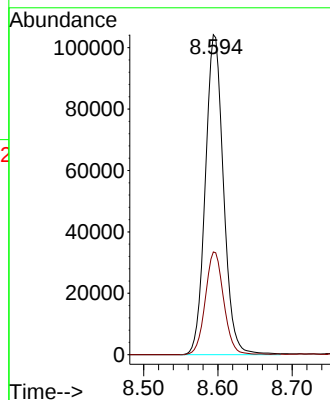
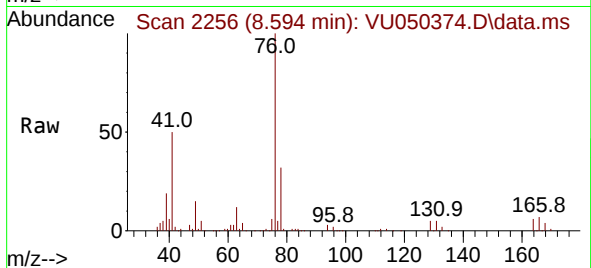
78 32.4 26.0 39.0

Manual Integrations

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Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#54

2-Hexanone

Concen: 56.703 ug/l

RT: 8.710 min Scan# 2292

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

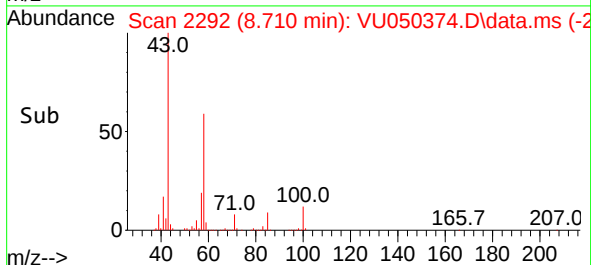
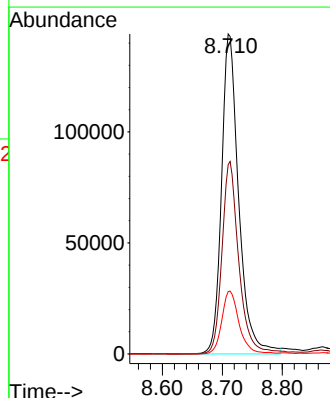
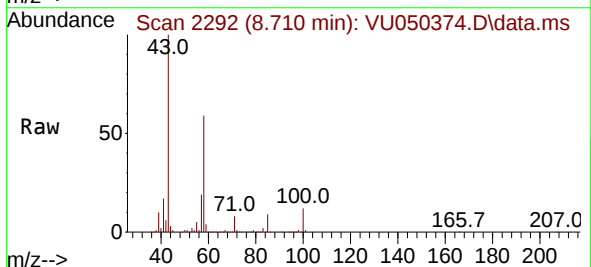
Tgt Ion: 43 Resp: 286245

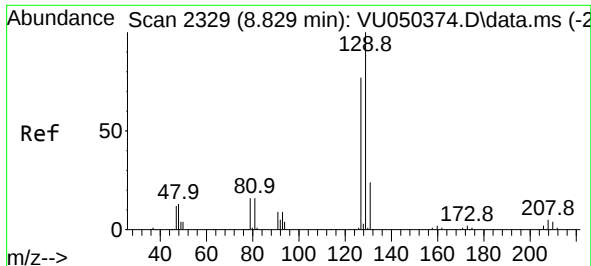
Ion Ratio Lower Upper

43 100

58 59.2 37.1 77.1

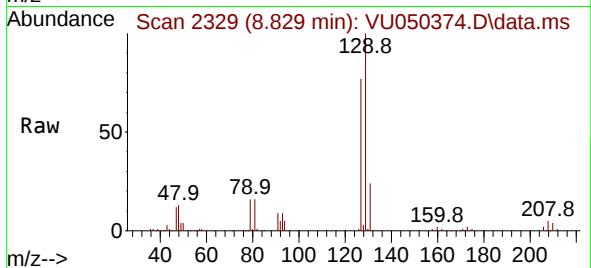
57 19.8 0.0 39.5





#55
Dibromochloromethane
Concen: 10.823 ug/l
RT: 8.829 min Scan# 2329
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

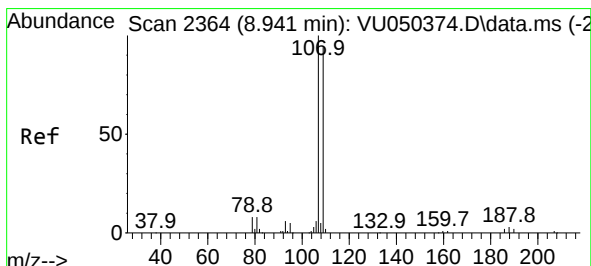
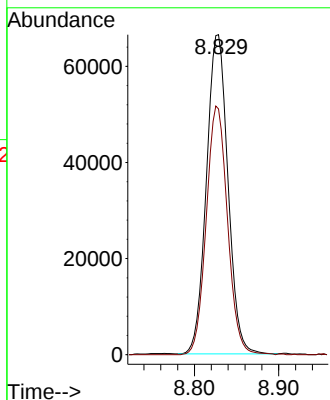
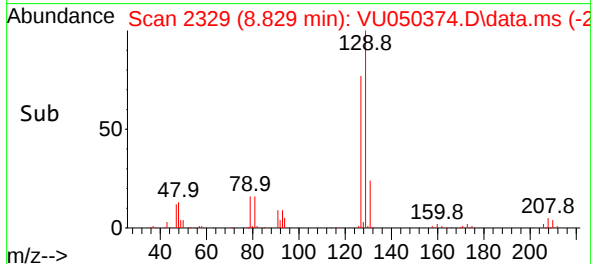
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:129 Resp: 117858
Ion Ratio Lower Upper
129 100
127 77.0 61.2 91.8

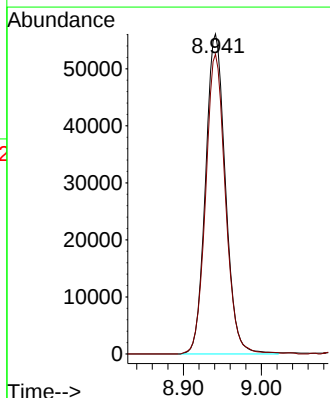
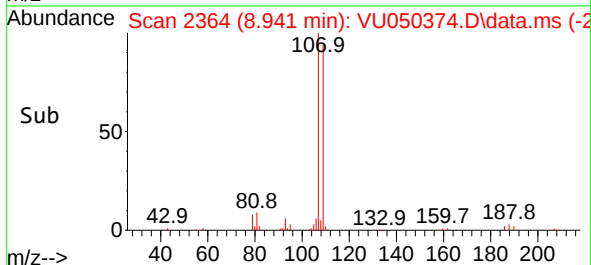
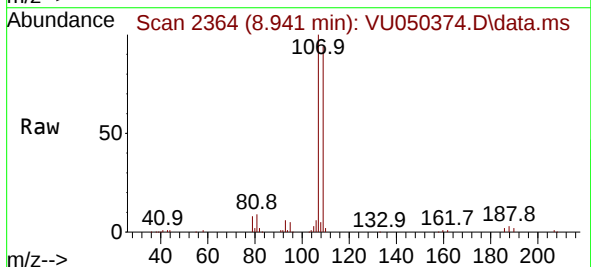
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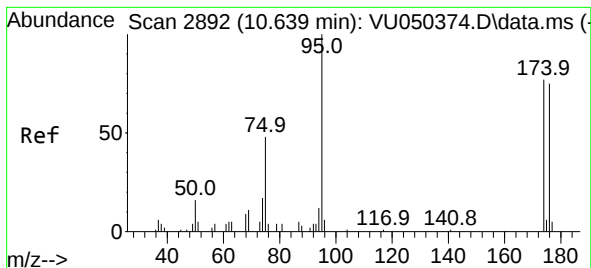
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#56
1,2-Dibromoethane
Concen: 11.160 ug/l
RT: 8.941 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

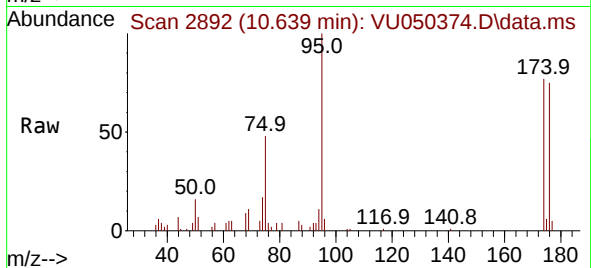
Tgt Ion:107 Resp: 99383
Ion Ratio Lower Upper
107 100
109 93.4 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 1.149 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

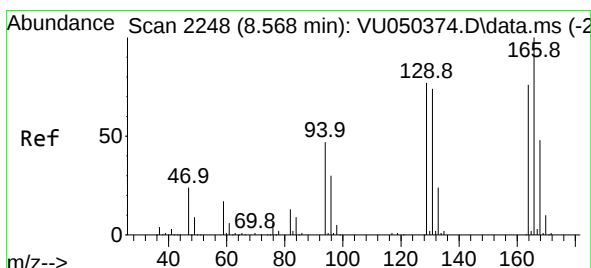
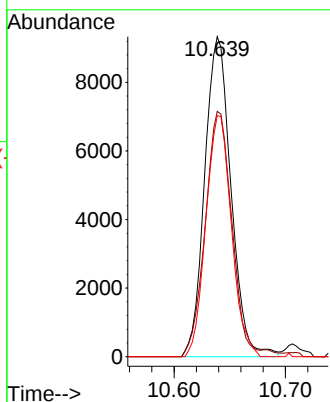
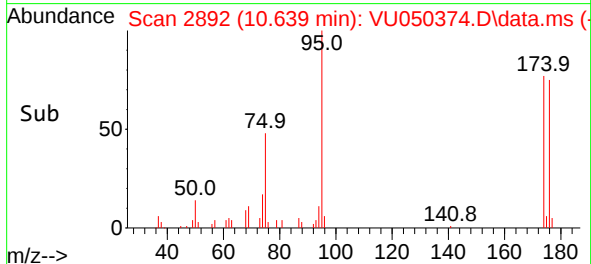
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



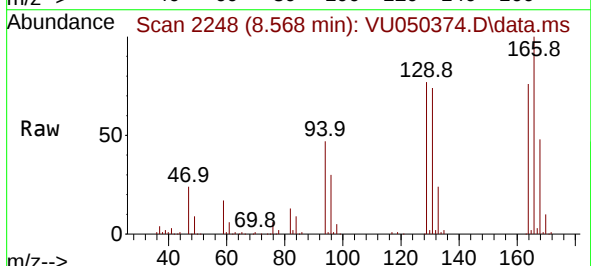
Tgt Ion: 95 Resp: 15364
Ion Ratio Lower Upper
95 100
174 78.1 62.4 93.6
176 72.9 56.2 84.2

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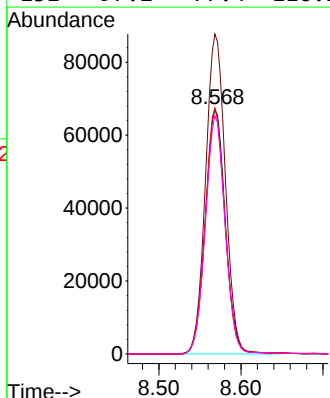
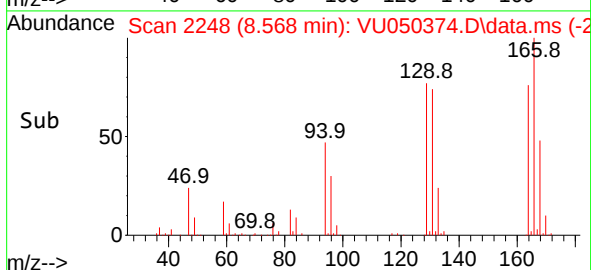
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

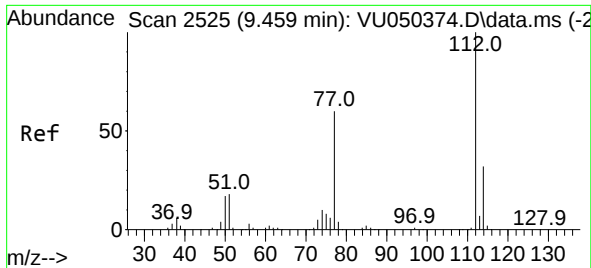


#58
Tetrachloroethene
Concen: 11.054 ug/l
RT: 8.568 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41



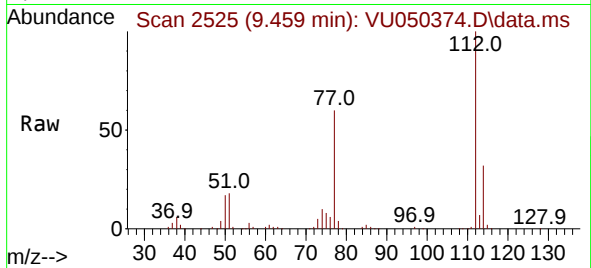
Tgt Ion:164 Resp: 113466
Ion Ratio Lower Upper
164 100
166 130.7 102.4 153.6
129 100.5 79.5 119.3
131 97.2 77.4 116.2





#59
Chlorobenzene
Concen: 11.701 ug/l
RT: 9.459 min Scan# 2525
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

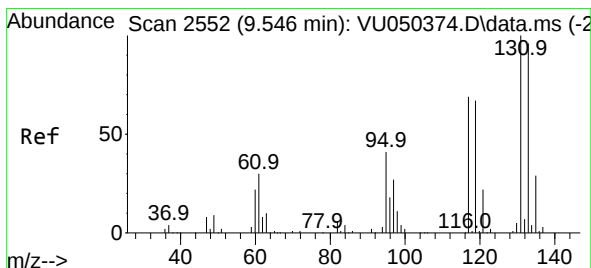
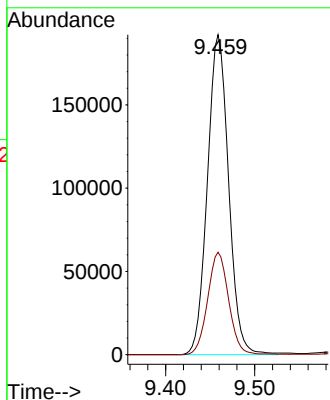
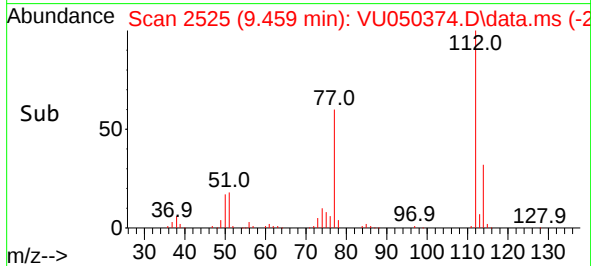
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



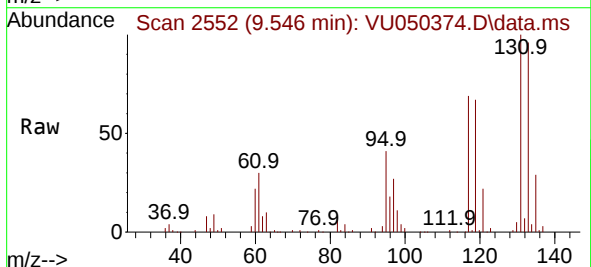
Tgt Ion:112 Resp: 317429
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3

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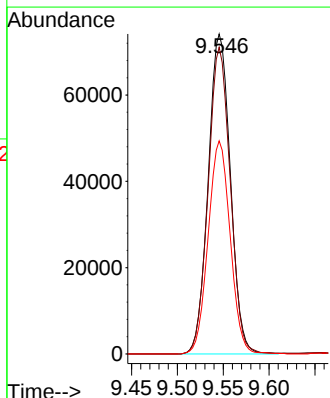
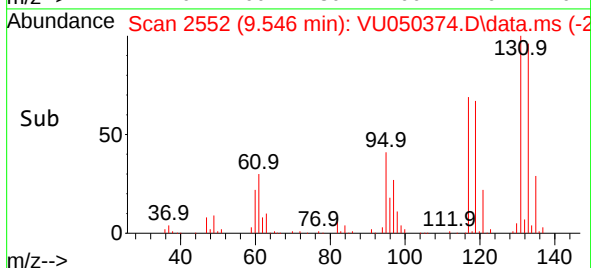
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

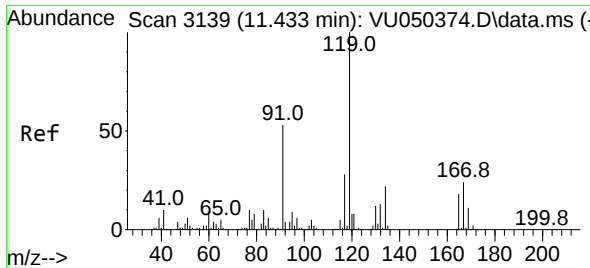


#60
1,1,1,2-Tetrachloroethane
Concen: 11.106 ug/l
RT: 9.546 min Scan# 2552
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41



Tgt Ion:131 Resp: 124645
Ion Ratio Lower Upper
131 100
133 95.7 78.3 117.5
119 66.4 53.2 79.8





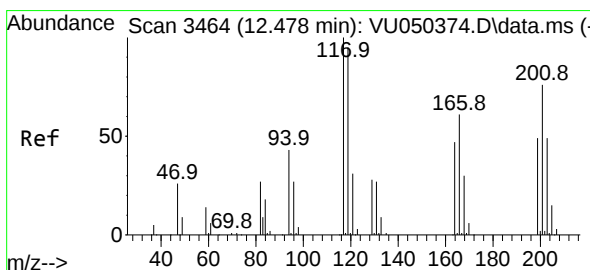
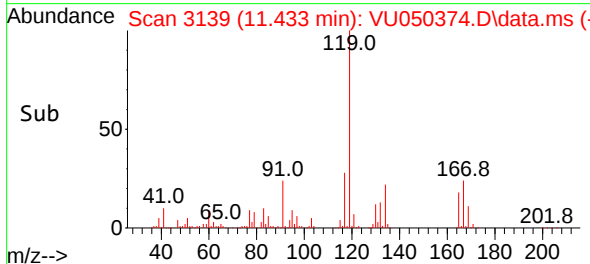
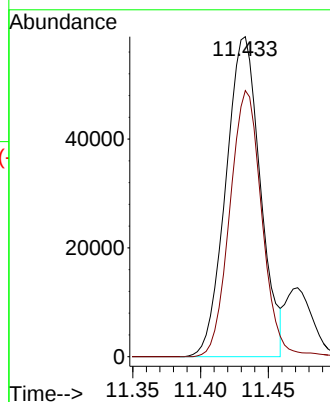
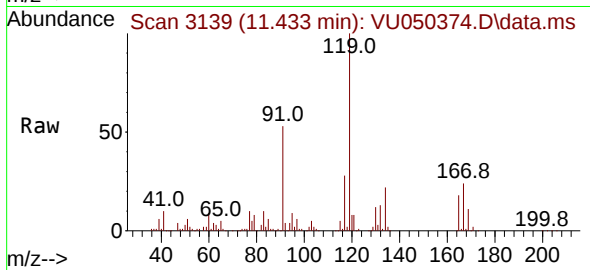
#61
Pentachloroethane
Concen: 11.236 ug/l
RT: 11.433 min Scan# 3139
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 10423
Ion Ratio Lower Upper
117 100
167 77.3 66.2 99.4

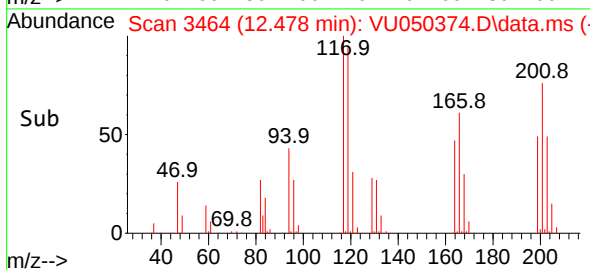
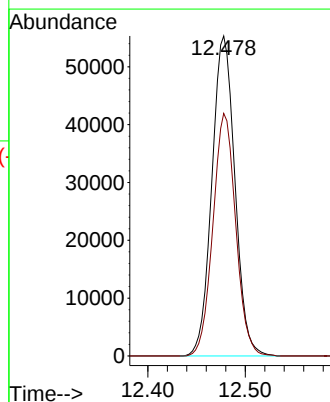
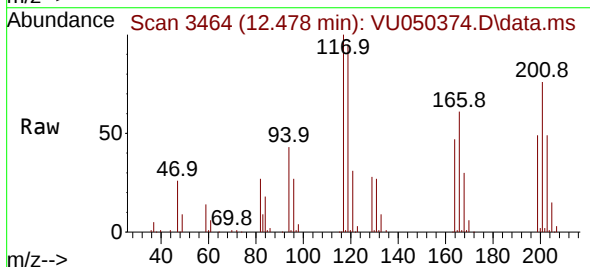
Manual Integrations
APPROVED

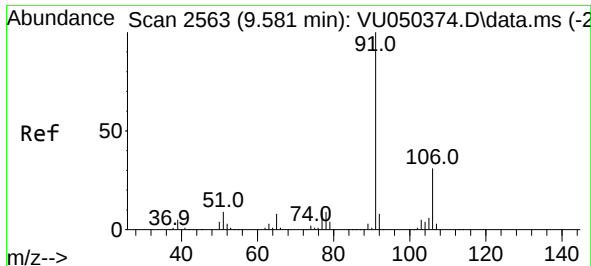
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#62
Hexachloroethane
Concen: 12.438 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

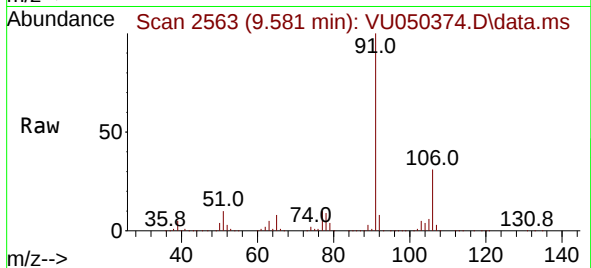
Tgt Ion:117 Resp: 90827
Ion Ratio Lower Upper
117 100
201 75.0 61.0 91.4





#63
Ethyl Benzene
Concen: 13.119 ug/l
RT: 9.581 min Scan# 2563
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

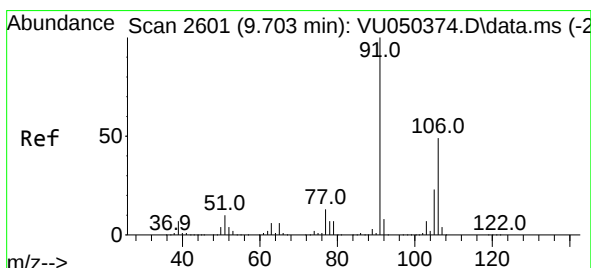
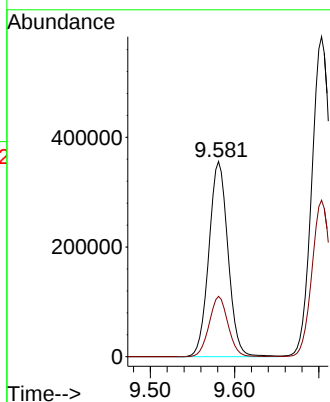
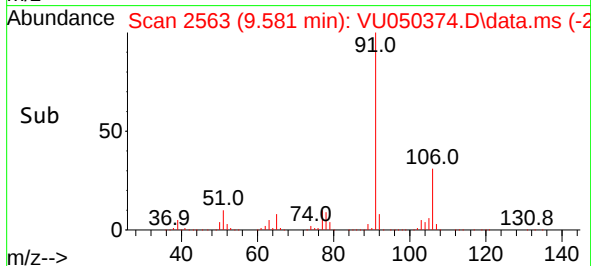
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



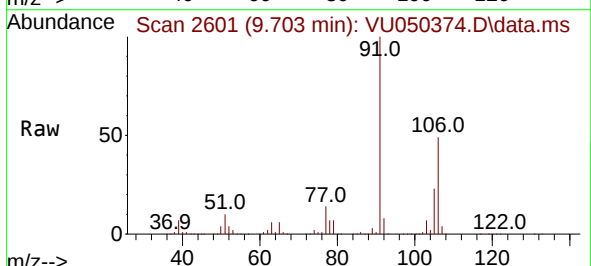
Tgt Ion: 91 Resp: 561010
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6

Manual Integrations
APPROVED

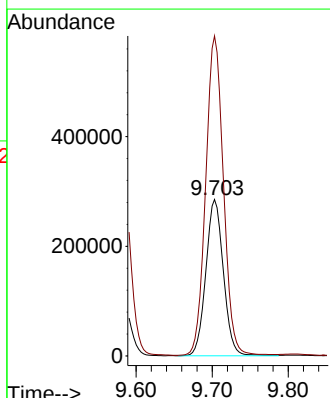
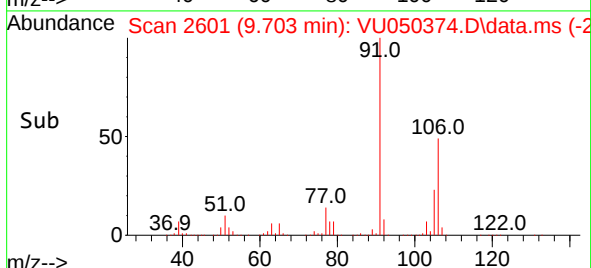
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

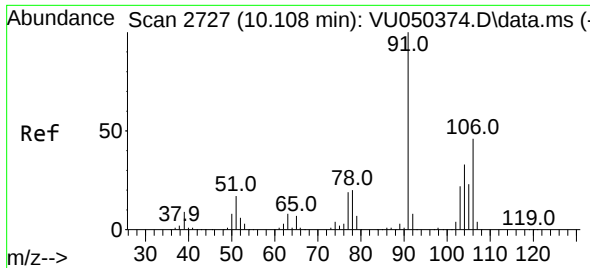


#64
m/p-Xylenes
Concen: 27.421 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41



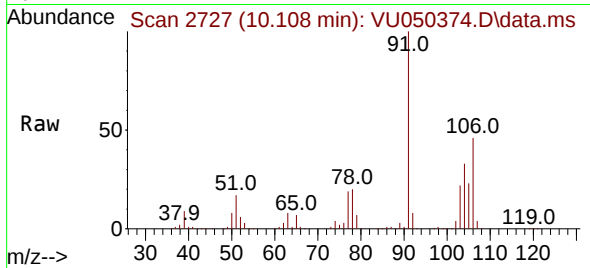
Tgt Ion:106 Resp: 456049
Ion Ratio Lower Upper
106 100
91 206.4 167.8 251.6





#65
o-Xylene
Concen: 13.094 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

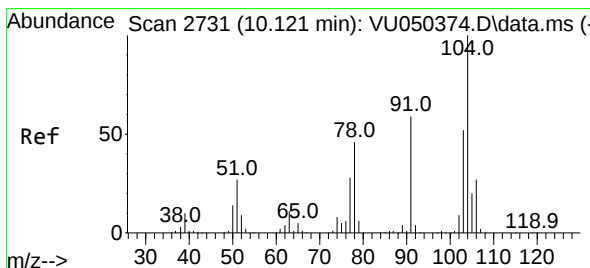
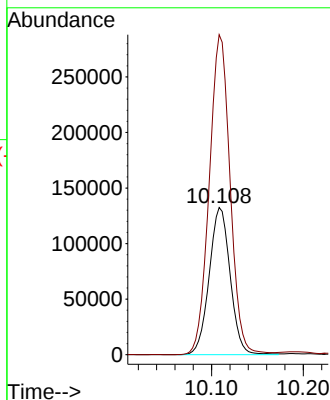
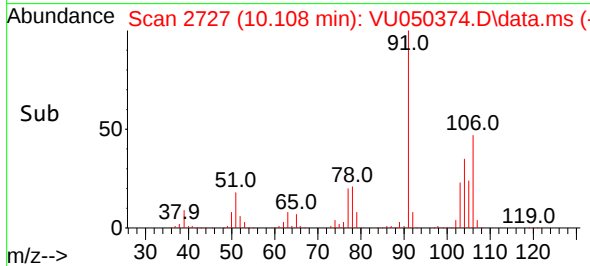
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:106 Resp: 21053
Ion Ratio Lower Upper
106 100
91 216.6 111.1 333.2

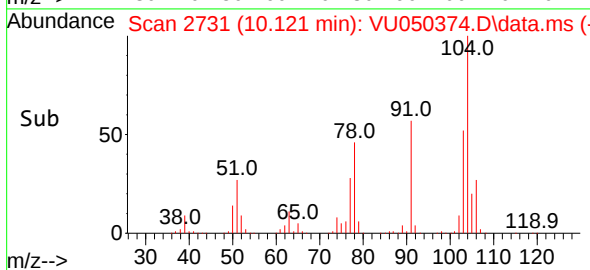
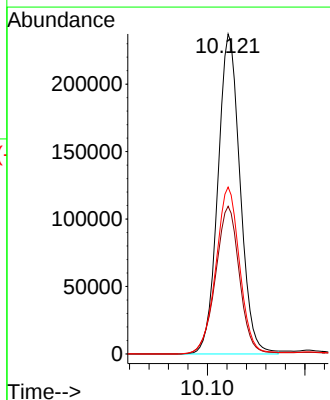
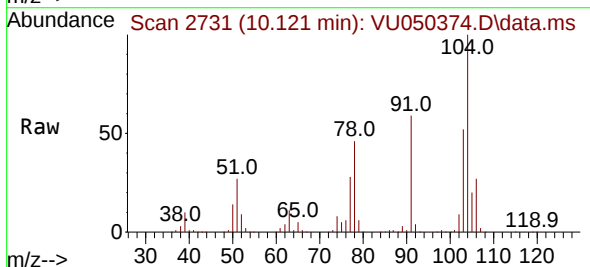
Manual Integrations
APPROVED

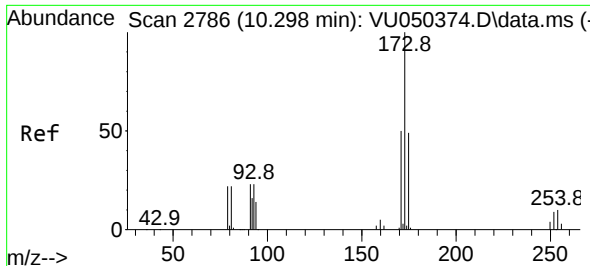
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#66
Styrene
Concen: 14.175 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

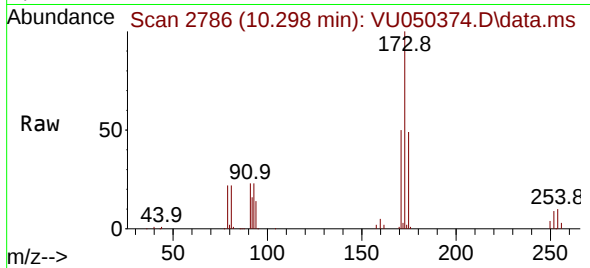
Tgt Ion:104 Resp: 375959
Ion Ratio Lower Upper
104 100
78 49.5 42.1 63.1
103 55.8 44.5 66.7





#67
Bromoform
Concen: 10.845 ug/l
RT: 10.298 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

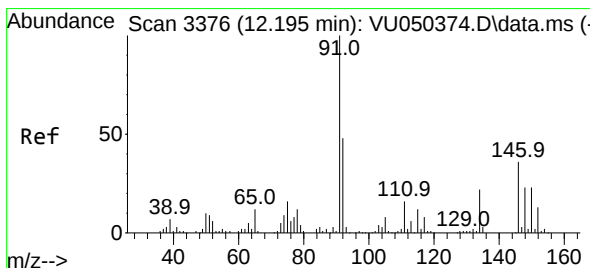
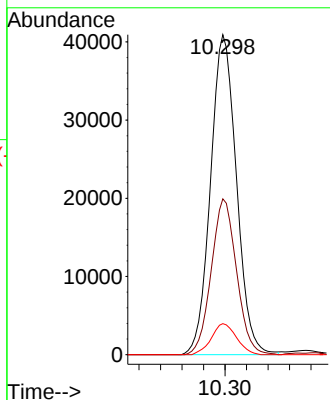
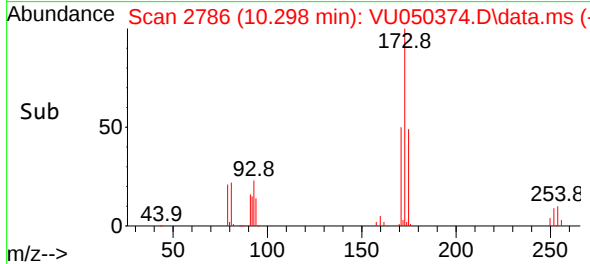
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:173 Resp: 68538
Ion Ratio Lower Upper
173 100
175 47.4 38.4 57.6
254 9.4 7.7 11.5

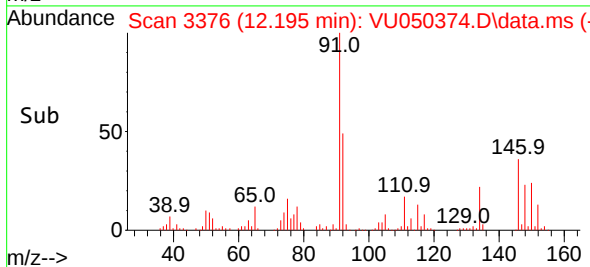
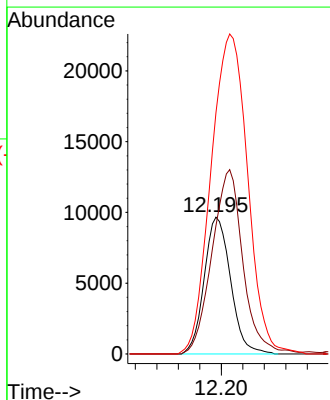
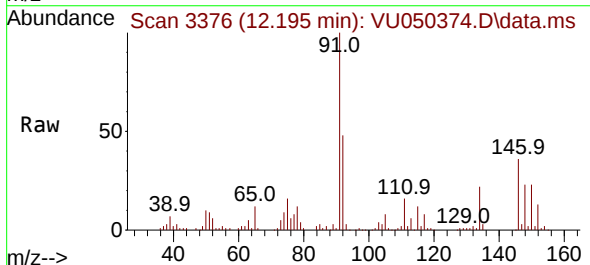
Manual Integrations
APPROVED

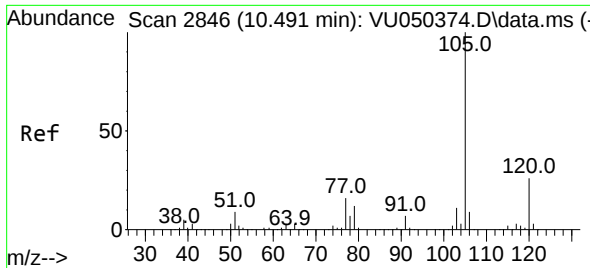
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#68
1,2-Dichlorobenzene-d4
Concen: 1.096 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Tgt Ion:152 Resp: 16458
Ion Ratio Lower Upper
152 100
115 158.1 0.0 254.6
150 324.5 0.0 623.6





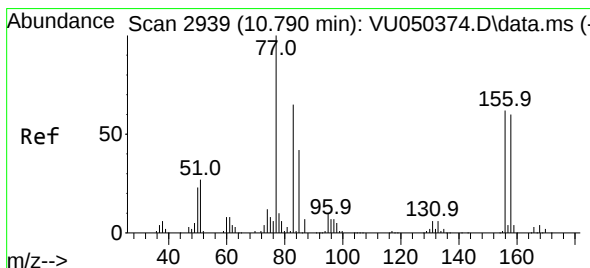
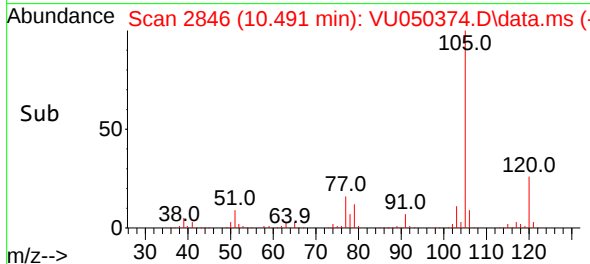
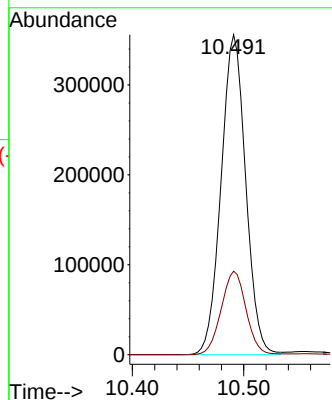
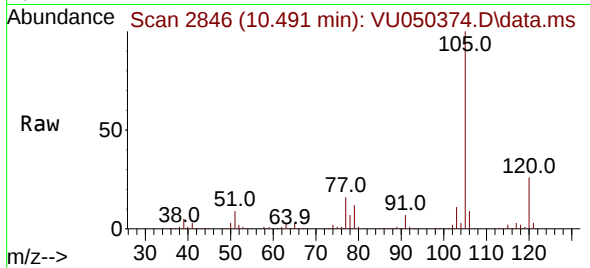
#69
Isopropylbenzene
Concen: 13.259 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 545978
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.8

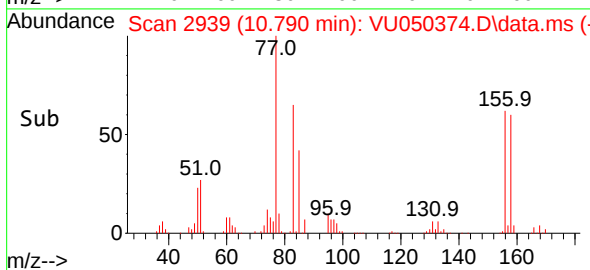
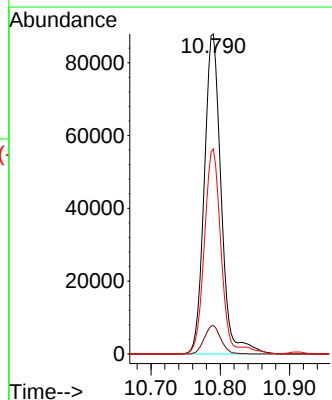
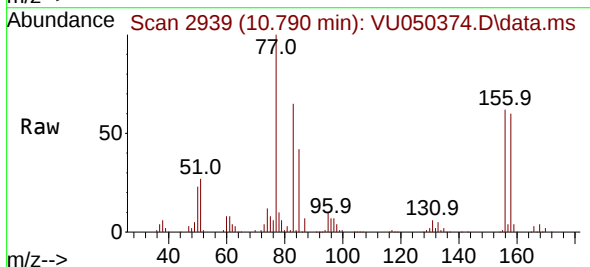
Manual Integrations
APPROVED

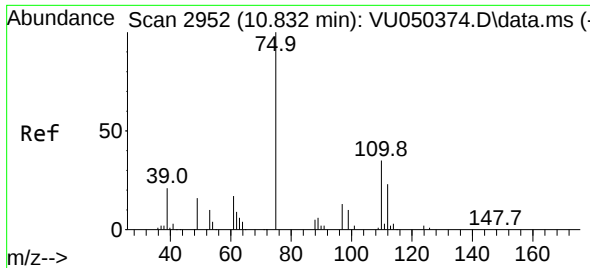
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 10.697 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

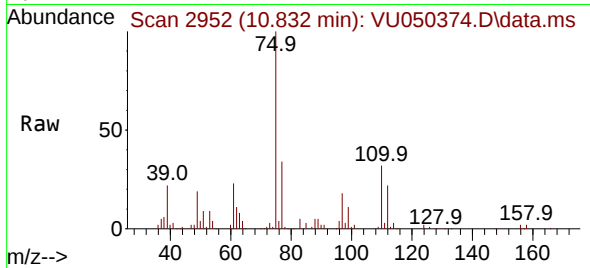
Tgt Ion: 83 Resp: 148178
Ion Ratio Lower Upper
83 100
131 8.7 7.7 11.5
85 64.1 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 11.626 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

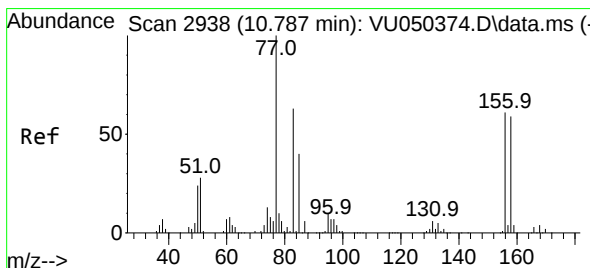
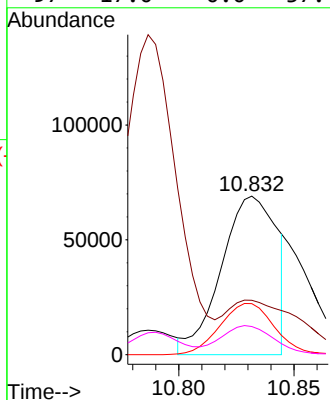
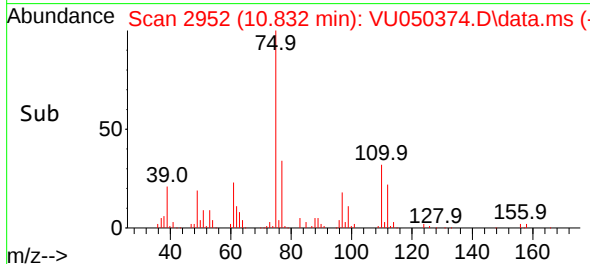
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



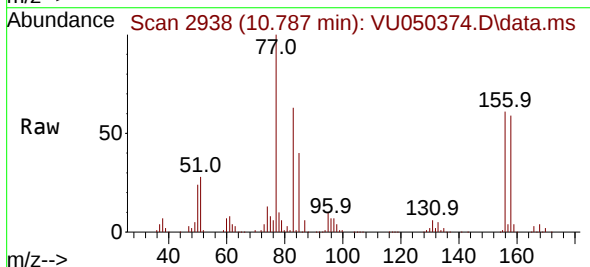
Tgt Ion:	75	Resp:	11555
Ion Ratio	Lower	Upper	
75	100		
77	46.5	0.0	112.4
110	31.9	0.0	70.6
97	17.0	0.0	37.4

Manual Integrations
APPROVED

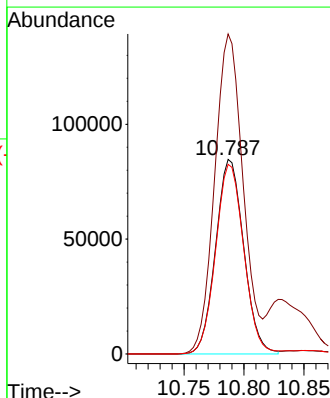
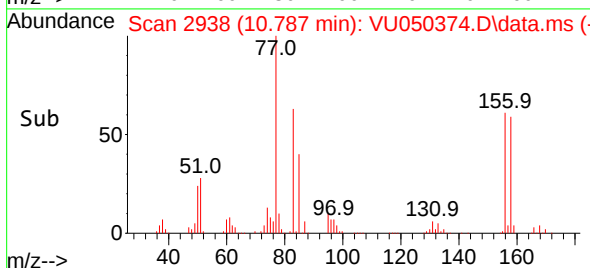
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

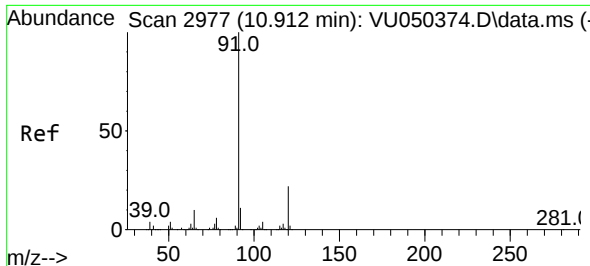


#72
Bromobenzene
Concen: 12.017 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41



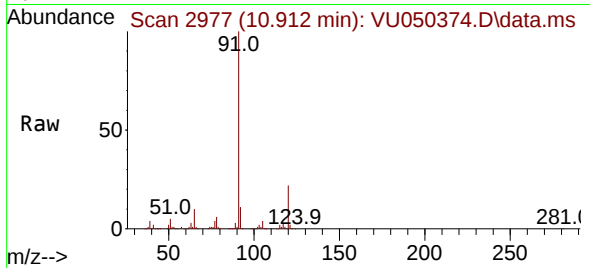
Tgt Ion:	156	Resp:	137977
Ion Ratio	Lower	Upper	
156	100		
77	166.2	0.0	344.4
158	97.8	0.0	192.2





#73
n-propylbenzene
Concen: 14.388 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

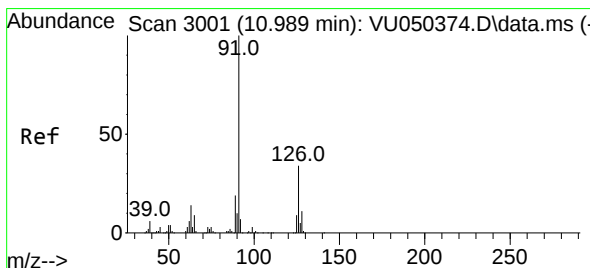
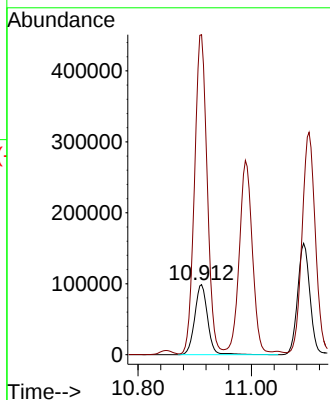
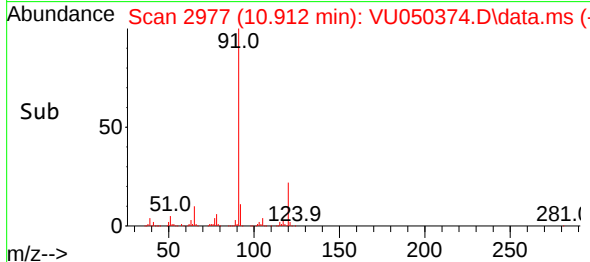
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:120 Resp: 15588
Ion Ratio Lower Upper
120 100
91 447.2 367.8 551.6

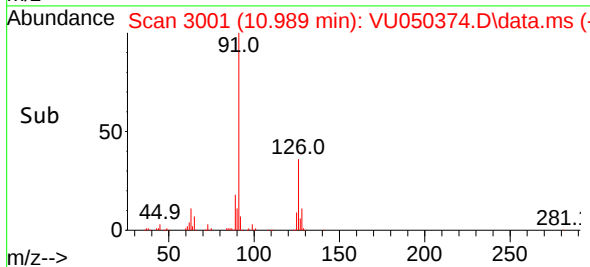
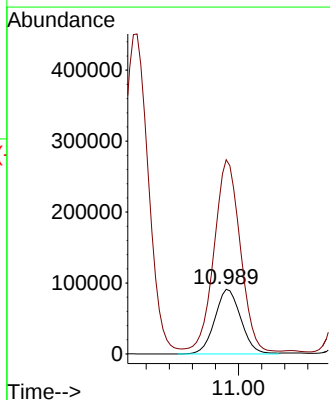
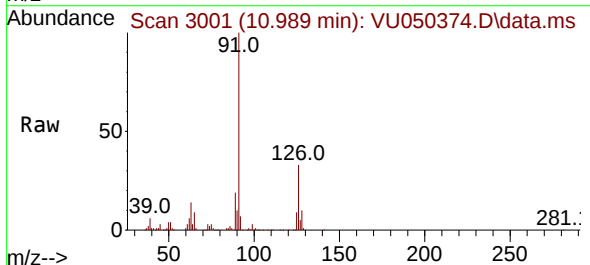
Manual Integrations
APPROVED

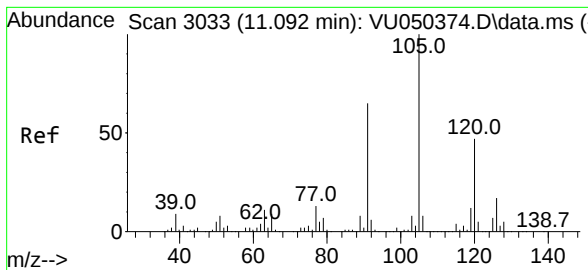
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#74
2-Chlorotoluene
Concen: 13.431 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

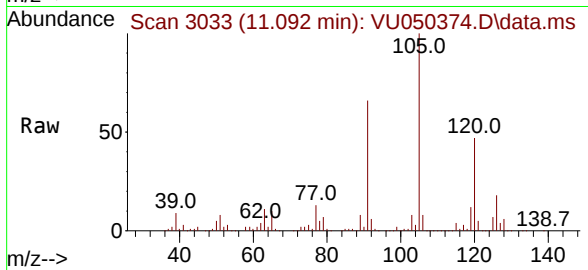
Tgt Ion:126 Resp: 142503
Ion Ratio Lower Upper
126 100
91 298.0 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 14.111 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

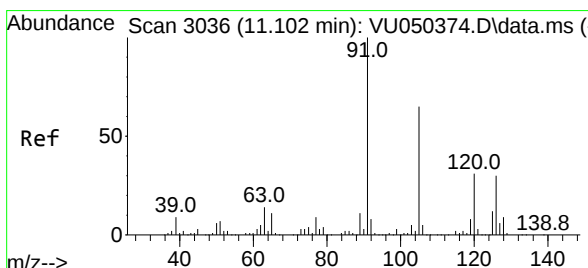
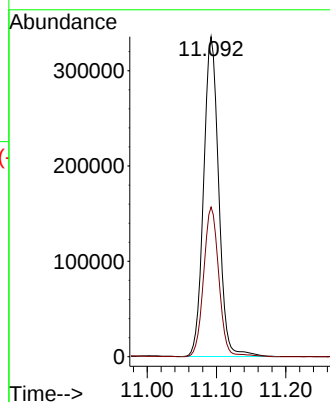
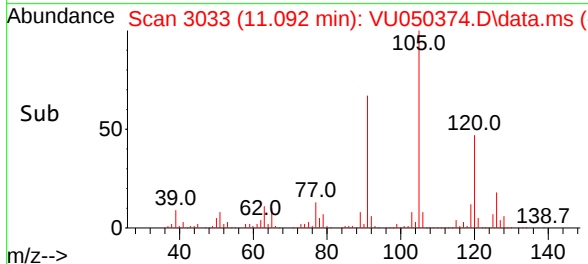
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



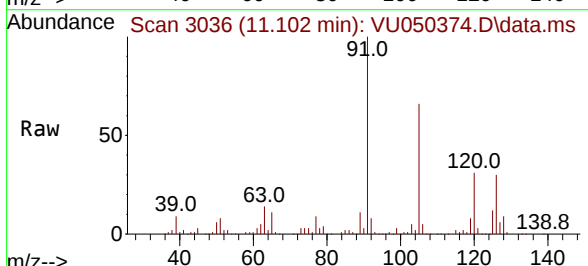
Tgt Ion:105 Resp: 507359
Ion Ratio Lower Upper
105 100
120 47.2 37.6 56.4

Manual Integrations
APPROVED

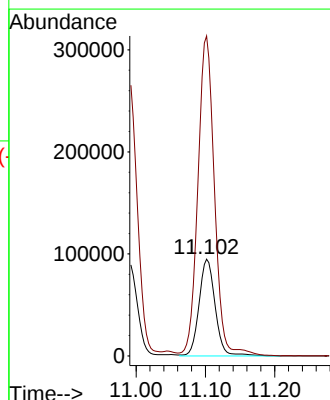
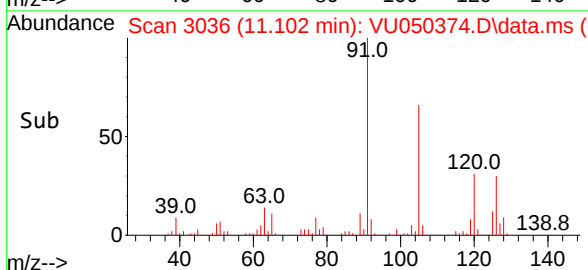
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

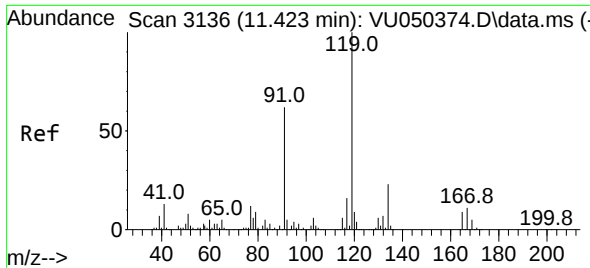


#76
4-Chlorotoluene
Concen: 14.411 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41



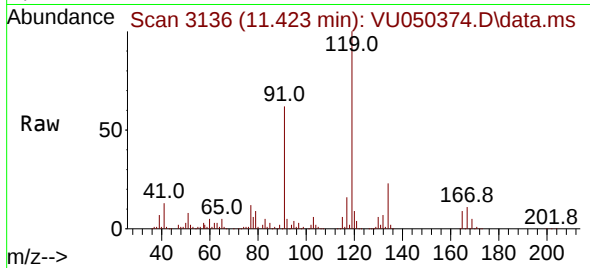
Tgt Ion:126 Resp: 153242
Ion Ratio Lower Upper
126 100
91 340.3 0.0 738.8





#77
tert-Butylbenzene
Concen: 13.237 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

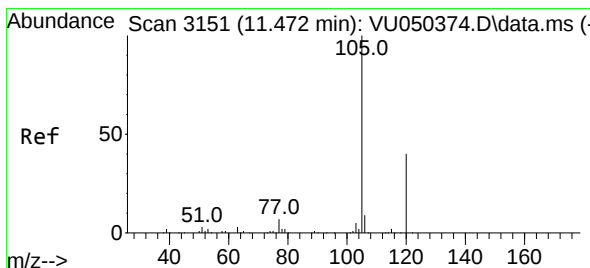
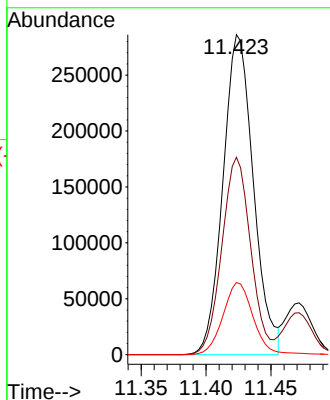
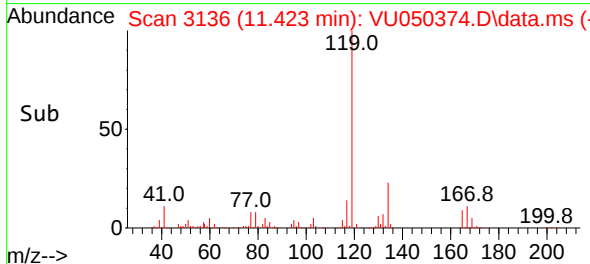
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:119 Resp: 466834
Ion Ratio Lower Upper
119 100
91 58.7 30.4 91.3
134 22.4 17.8 26.6

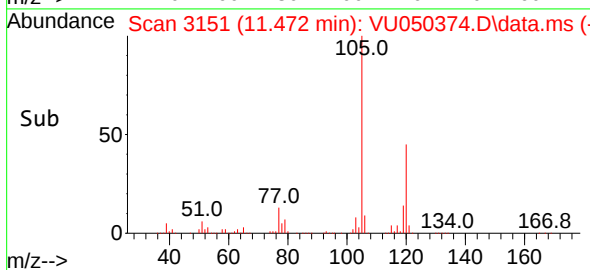
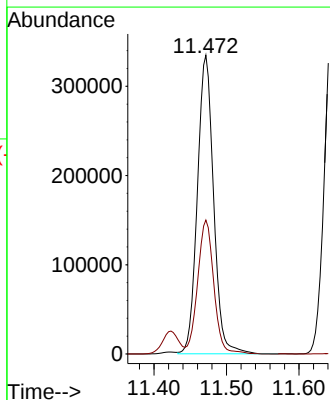
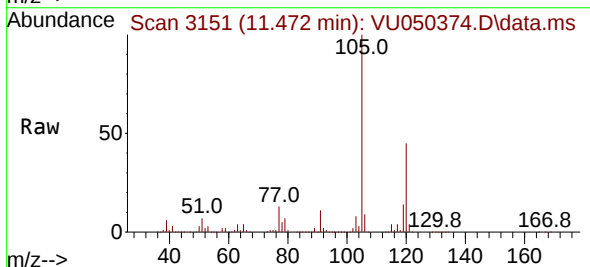
Manual Integrations
APPROVED

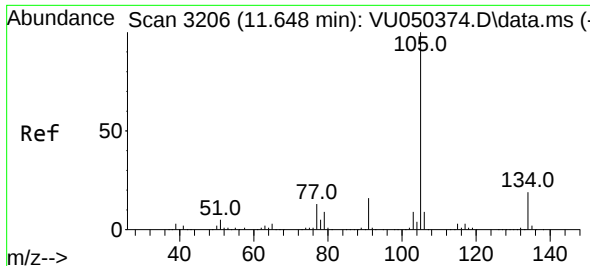
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#78
1,2,4-Trimethylbenzene
Concen: 14.008 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

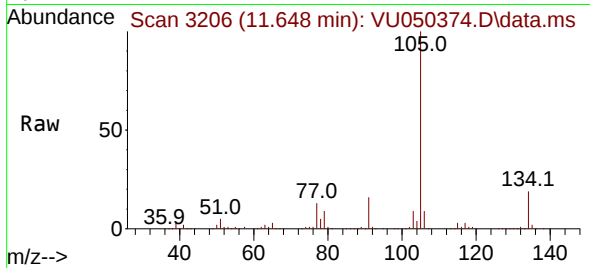
Tgt Ion:105 Resp: 519541
Ion Ratio Lower Upper
105 100
120 44.8 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 13.639 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU050374.D
 Acq: 19 Aug 2022 13:41

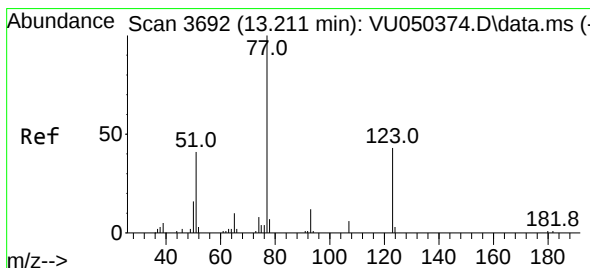
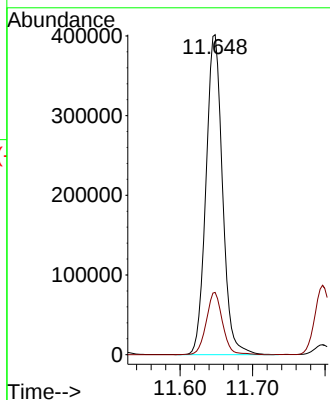
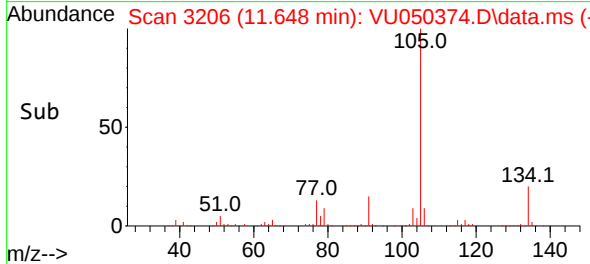
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



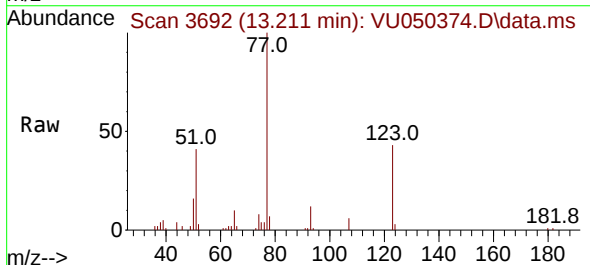
Tgt Ion: 105 Resp: 635340
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.4 23.0

Manual Integrations
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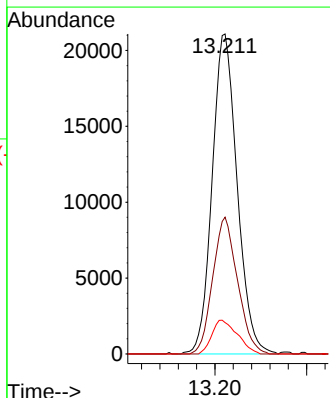
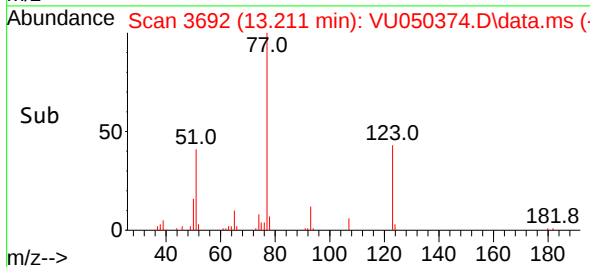
Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022

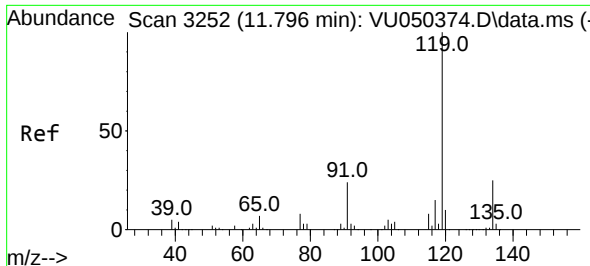


#80
 Nitrobenzene
 Concen: 47.633 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.000 min
 Lab File: VU050374.D
 Acq: 19 Aug 2022 13:41



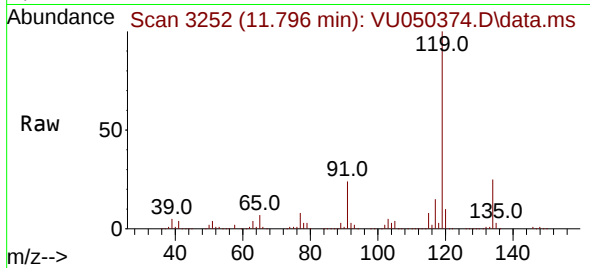
Tgt Ion: 77 Resp: 39878
 Ion Ratio Lower Upper
 77 100
 123 42.3 18.1 64.3
 65 10.8 10.8 13.8#





#81
p-Isopropyltoluene
Concen: 13.987 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

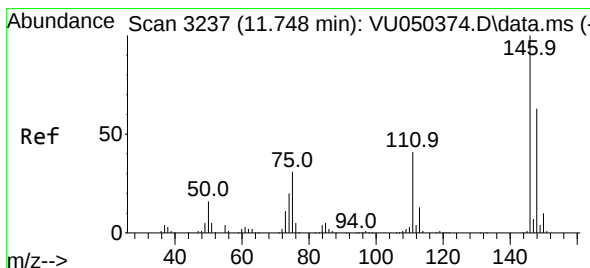
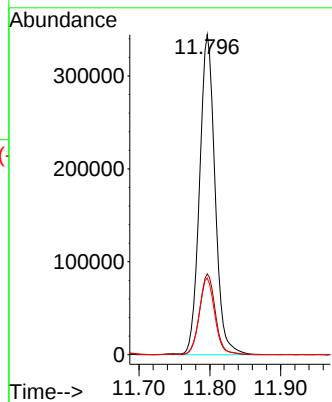
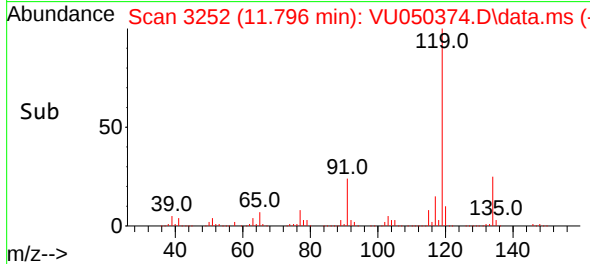
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



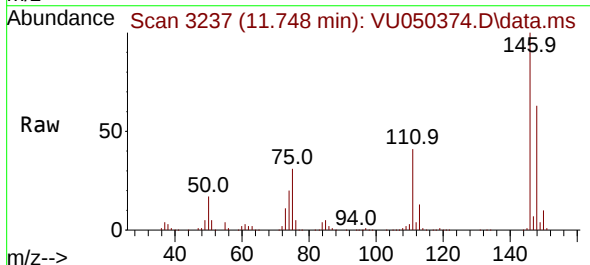
Tgt Ion:119 Resp: 52178
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 23.9 19.8 29.6

Manual Integrations
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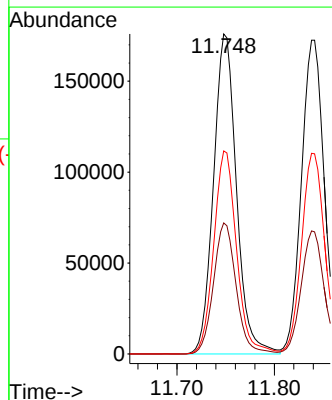
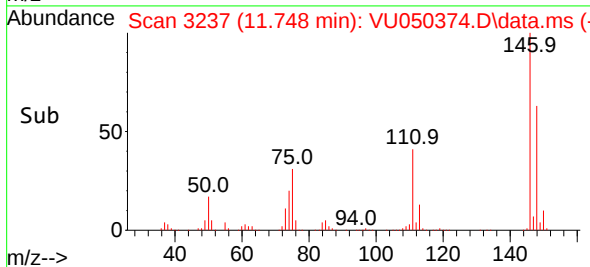
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

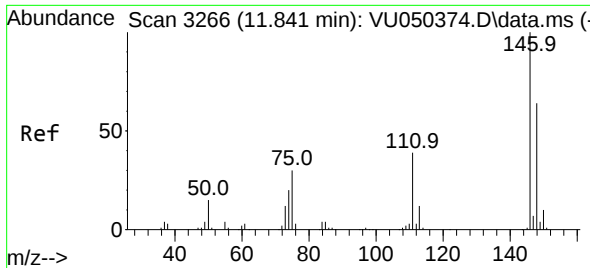


#82
1,3-Dichlorobenzene
Concen: 12.334 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41



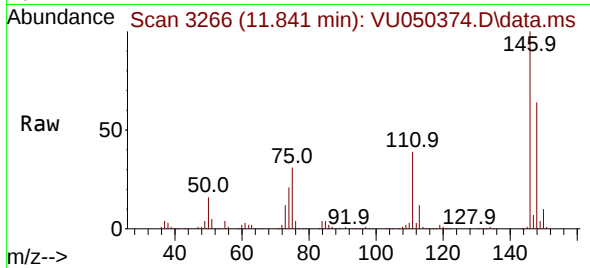
Tgt Ion:146 Resp: 288237
Ion Ratio Lower Upper
146 100
111 40.4 33.4 50.2
148 63.2 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 12.248 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

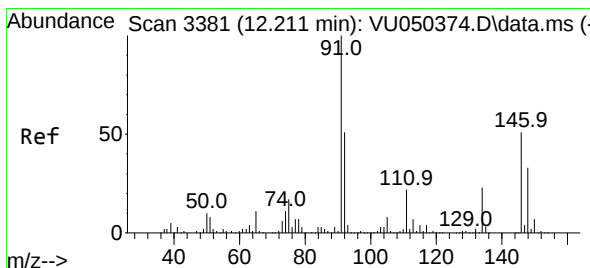
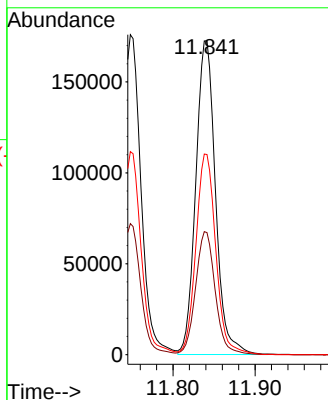
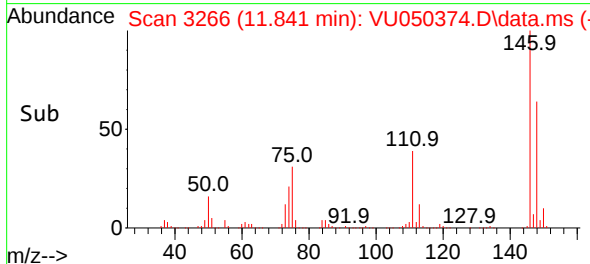
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



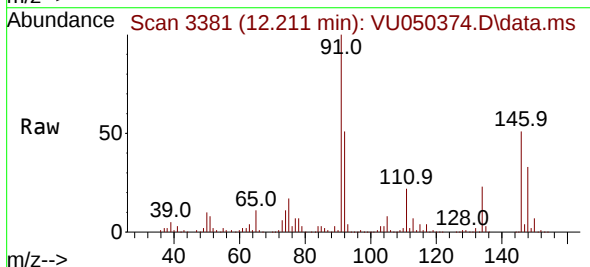
Tgt Ion:146 Resp: 288214
Ion Ratio Lower Upper
146 100
111 39.0 32.6 49.0
148 64.6 51.6 77.4

Manual Integrations
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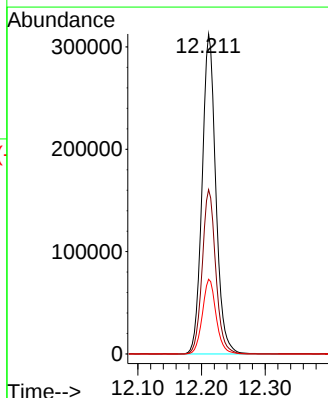
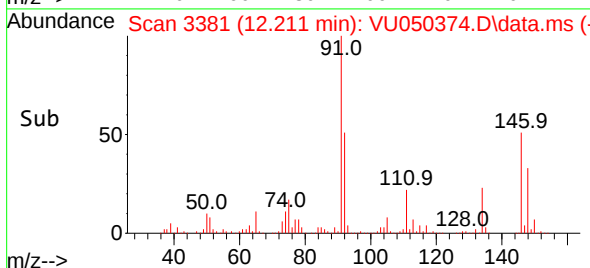
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

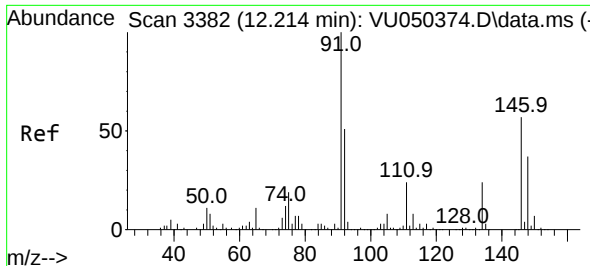


#84
n-Butylbenzene
Concen: 13.237 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41



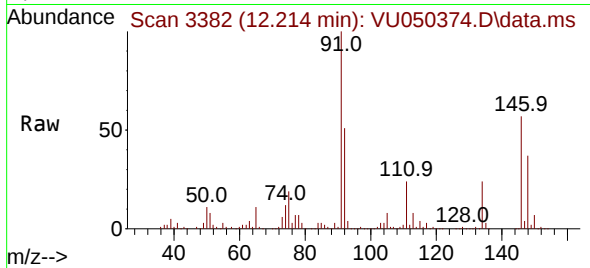
Tgt Ion: 91 Resp: 468320
Ion Ratio Lower Upper
91 100
92 50.6 42.3 63.5
134 23.4 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 11.971 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

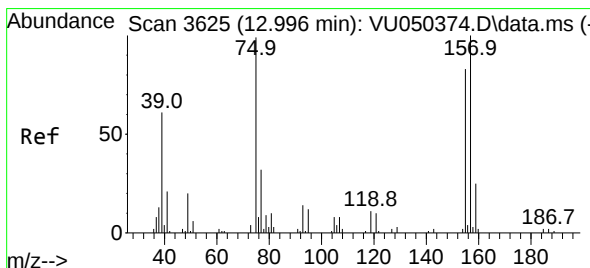
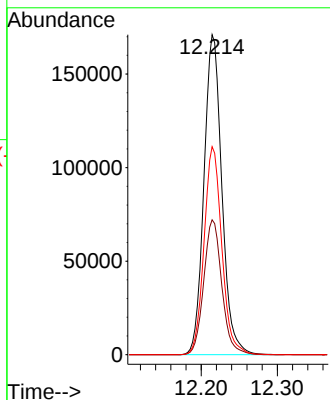
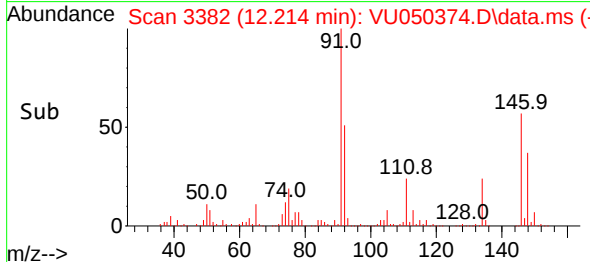
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:146 Resp: 279630
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.1
148 64.4 32.1 96.3

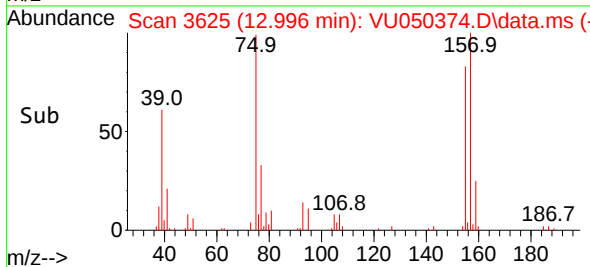
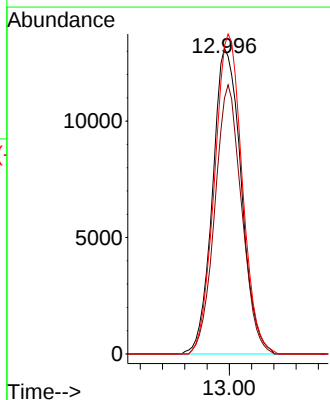
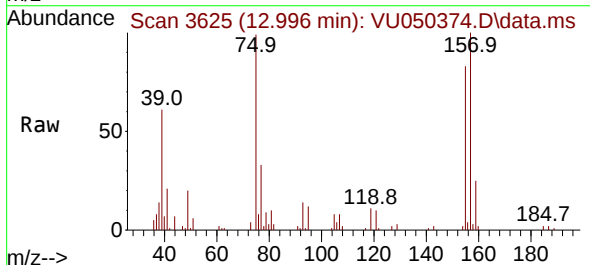
Manual Integrations
APPROVED

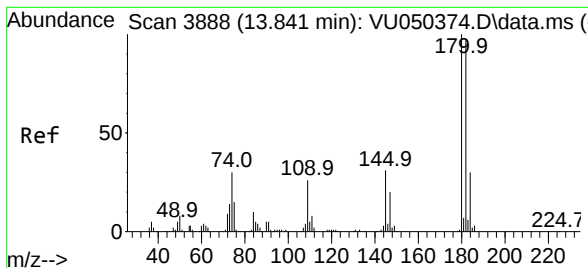
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.562 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Tgt Ion: 75 Resp: 23427
Ion Ratio Lower Upper
75 100
155 82.6 66.8 100.2
157 101.6 83.8 125.8





#87

1,2,4-Trichlorobenzene

Concen: 12.106 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

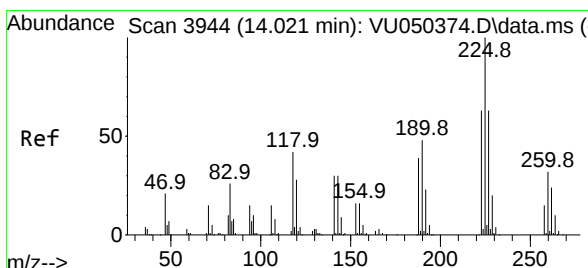
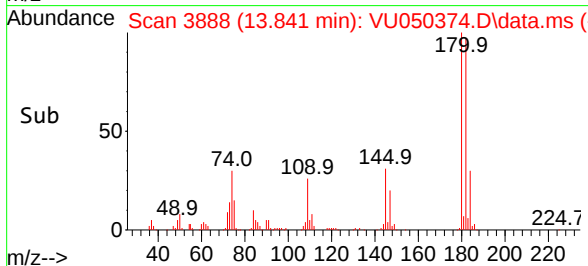
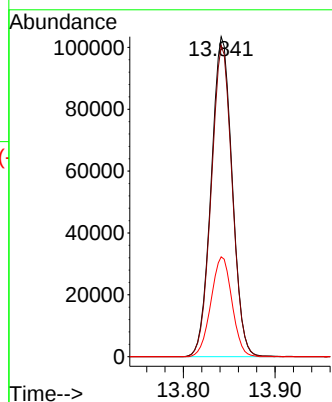
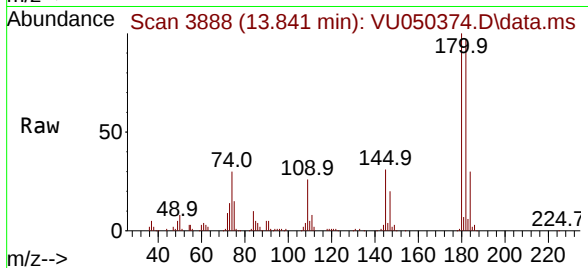
Tgt Ion:	180	Resp:	16480
Ion Ratio	Lower	Upper	
180	100		
182	96.6	77.0	115.6
145	31.2	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#88

Hexachlorobutadiene

Concen: 12.319 ug/l

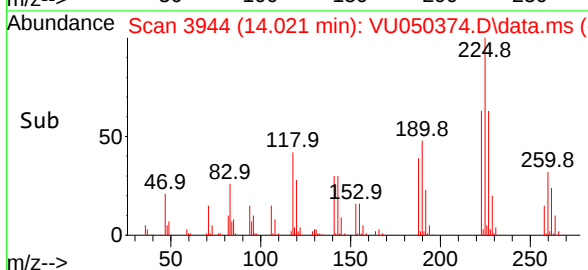
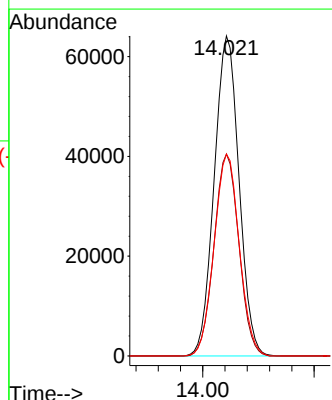
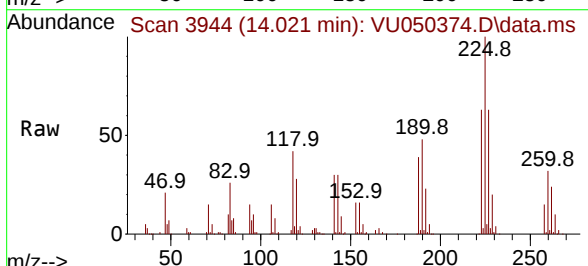
RT: 14.021 min Scan# 3944

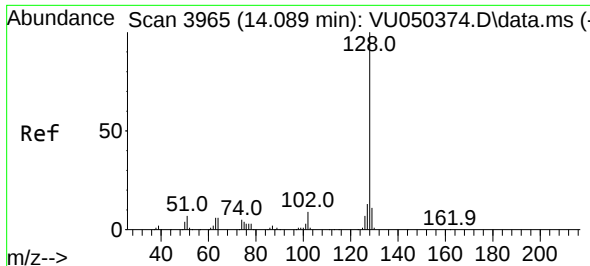
Delta R.T. 0.000 min

Lab File: VU050374.D

Acq: 19 Aug 2022 13:41

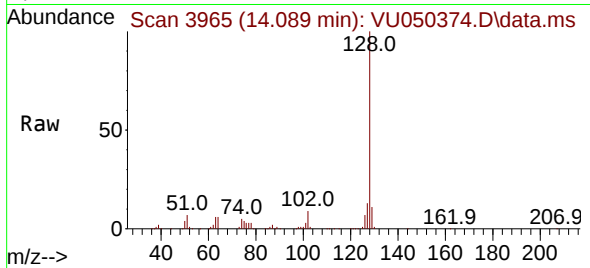
Tgt Ion:	225	Resp:	99222
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.6	76.0
227	64.0	50.7	76.1





#89
Naphthalene
Concen: 11.473 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

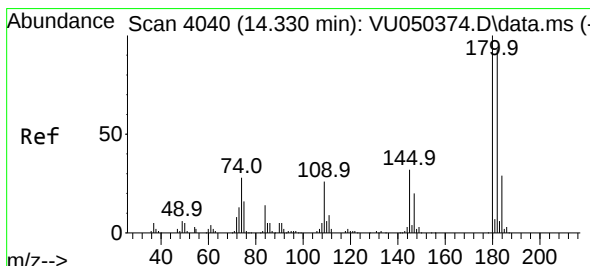
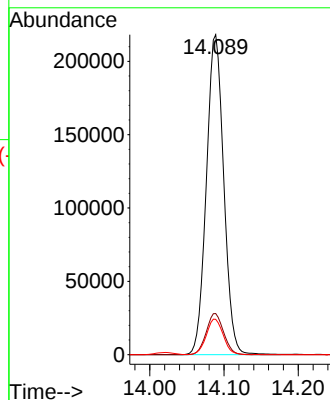
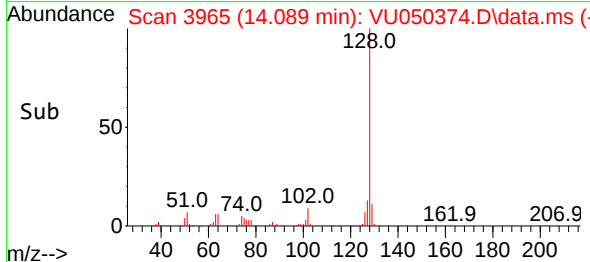
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:128 Resp: 353415
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#90
1,2,3-Trichlorobenzene
Concen: 12.690 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050374.D
Acq: 19 Aug 2022 13:41

Tgt Ion:180 Resp: 177853
Ion Ratio Lower Upper
180 100
182 95.0 76.6 114.8
145 32.3 27.3 40.9

