

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
 Data File : VU050407.D
 Acq On : 22 Aug 2022 19:52
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022

Quant Time: Aug 23 08:28:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 23 08:18:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.111	96	37208	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14314	1.130	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	16495	1.101	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	145881	9.466	ug/l	99
3) Chloromethane	1.520	50	183902	9.811	ug/l	99
4) Vinyl Chloride	1.604	62	161850	10.104	ug/l	99
5) Bromomethane	1.854	94	45798	6.987	ug/l	99
6) Chloroethane	1.932	64	99474	10.268	ug/l	99
7) Trichlorofluoromethane	2.137	101	196421	9.827	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	109104	9.760	ug/l	95
9) 1,1-Dichloroethene	2.578	96	110030	10.041	ug/l	99
10) Iodomethane	2.719	142	66186	7.325	ug/l	98
11) Allyl Chloride	2.922	41	173036	10.245	ug/l	92
12) Acrylonitrile	3.321	53	73306m	22.304	ug/l	
13) Acetone	2.629	43	124631m	54.219	ug/l	
14) Carbon Disulfide	2.790	76	327138	9.637	ug/l	99
15) Methylene Chloride	3.044	84	148323	10.004	ug/l	96
16) trans-1,2-Dichloroethene	3.346	96	118802	10.490	ug/l	96
17) 1,1-Dichloroethane	3.864	63	241618	10.243	ug/l	98
18) 2-Butanone	4.729	43	163082m	45.108	ug/l	
19) Cyclohexane	5.375	56	148378m	8.668	ug/l	
20) Methylcyclohexane	6.758	83	148668	11.018	ug/l	99
21) 2,2-Dichloropropane	4.658	77	151494	8.450	ug/l	100
22) cis-1,2-Dichloroethene	4.661	96	136487	10.652	ug/l	99
23) Diethyl Ether	2.378	59	95397	10.134	ug/l	99
24) tert-Butyl Alcohol	3.202	59	99877m	100.311	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	288733	9.919	ug/l	93
26) Bromochloromethane	4.970	128	55840	10.861	ug/l	91
27) Chloroform	5.086	83	241278	10.555	ug/l	97
28) 1,1,1-Trichloroethane	5.308	97	177667	9.108	ug/l	97
29) 1,1-Dichloropropene	5.517	75	151145	9.673	ug/l	99
30) Carbon Tetrachloride	5.513	117	149131	9.551	ug/l	99
31) Isopropyl Ether	4.005	45	384499	10.505	ug/l	97
32) Ethyl-t-butyl ether	4.517	59	290035	10.087	ug/l	98
33) Tert-Amyl methyl ether	5.957	73	187050	9.979	ug/l	99
34) Propionitrile	4.793	54	48213m	45.147	ug/l	
35) Benzene	5.767	78	473277	10.304	ug/l	100
36) 1,2-Dichloroethane	5.796	62	144630	10.313	ug/l	100
37) Trichloroethene	6.539	130	111069	10.087	ug/l	96
38) 1,2-Dichloropropane	6.793	63	132606	10.756	ug/l	99
39) Methacrylonitrile	4.986	41	44072	10.058	ug/l #	87
40) Methyl acrylate	4.857	55	84501	12.660	ug/l #	95
41) Tetrahydrofuran	5.079	42	40439	18.431	ug/l	93
42) 1-Chlorobutane	5.452	56	207303	9.317	ug/l	99
43) Dibromomethane	6.922	93	70214	10.565	ug/l	96
44) Bromodichloromethane	7.108	83	168424	10.740	ug/l	97

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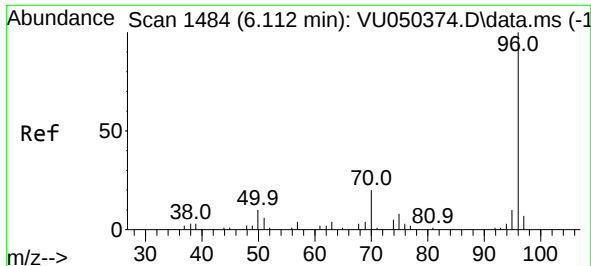
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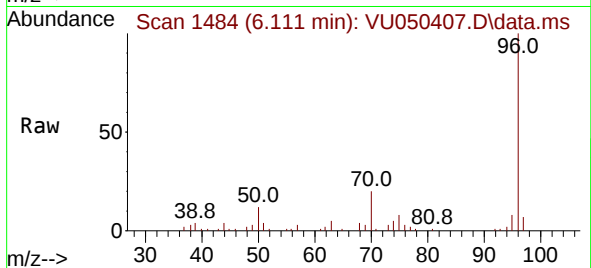
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.806	43	391423	58.675	ug/l	99
46) t-1,4-Dichloro-2-butene	10.828	75	79428m	19.939	ug/l	
47) Methyl methacrylate	6.973	69	117082	18.855	ug/l	94
48) Ethyl methacrylate	8.340	69	102689	9.161	ug/l	92
49) Toluene	7.970	92	292700	11.861	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	132437	10.846	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	150646	10.776	ug/l	94
52) 1,1,2-Trichloroethane	8.404	97	103640	10.611	ug/l	98
53) 1,3-Dichloropropane	8.578	76	170543	11.087	ug/l	100
54) 2-Hexanone	8.697	43	273747	58.924	ug/l	100
55) Dibromochloromethane	8.812	129	113453	10.559	ug/l	99
56) 1,2-Dibromoethane	8.925	107	91060	10.380	ug/l	100
58) Tetrachloroethene	8.552	164	103955	10.033	ug/l	99
59) Chlorobenzene	9.446	112	298958	11.226	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	114172	10.200	ug/l	97
61) Pentachloroethane	11.430	117	99791	10.713	ug/l	92
62) Hexachloroethane	12.475	117	87791	11.330	ug/l	99
63) Ethyl Benzene	9.571	91	523120	9.725	ug/l	100
64) m/p-Xylenes	9.693	106	432464	20.207	ug/l	98
65) o-Xylene	10.102	106	197864	9.939	ug/l	96
66) Styrene	10.115	104	357155	10.059	ug/l	98
67) Bromoform	10.291	173	64209	10.523	ug/l	98
69) Isopropylbenzene	10.484	105	517765	9.845	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	142635	10.611	ug/l	97
71) 1,2,3-Trichloropropane	10.825	75	103401m	10.229	ug/l	
72) Bromobenzene	10.783	156	129427	11.258	ug/l	97
73) n-propylbenzene	10.905	120	145083	9.877	ug/l	97
74) 2-Chlorotoluene	10.986	126	134308	10.087	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	472787	10.041	ug/l	99
76) 4-Chlorotoluene	11.098	126	143157	10.299	ug/l	81
77) tert-Butylbenzene	11.420	119	434233	9.807	ug/l	98
78) 1,2,4-Trimethylbenzene	11.468	105	490832	9.970	ug/l	97
79) sec-Butylbenzene	11.645	105	600118	9.898	ug/l	99
80) Nitrobenzene	13.211	77	39548	54.232	ug/l	97
81) p-Isopropyltoluene	11.793	119	484728	9.794	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	274151	11.581	ug/l	100
83) 1,4-Dichlorobenzene	11.835	146	275999	11.727	ug/l	99
84) n-Butylbenzene	12.211	91	422104	9.349	ug/l	98
85) 1,2-Dichlorobenzene	12.211	146	268664	11.545	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	21828	10.291	ug/l	95
87) 1,2,4-Trichlorobenzene	13.841	180	150730	11.352	ug/l	99
88) Hexachlorobutadiene	14.021	225	90021	10.417	ug/l	99
89) Naphthalene	14.089	128	307237	8.674	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	160123	9.367	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.111 min Scan# 14
Delta R.T. -0.004 min
Lab File: VU050407.D
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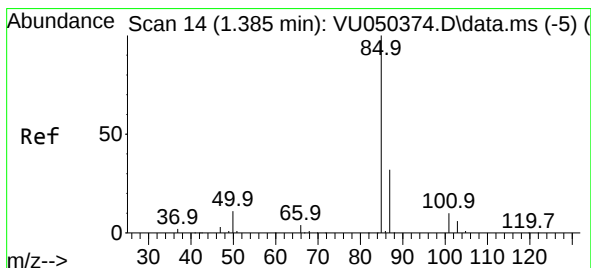
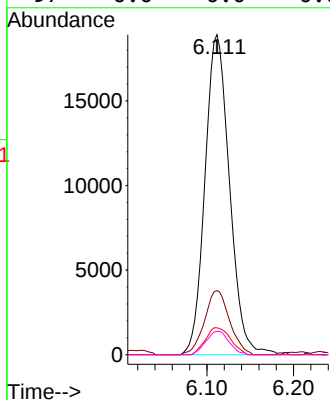
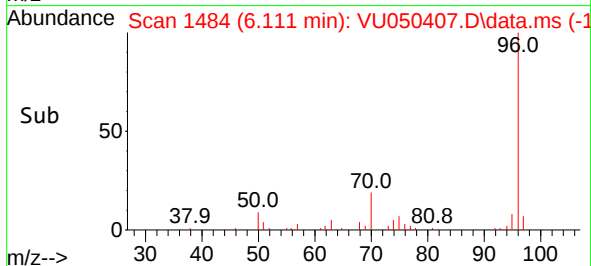
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



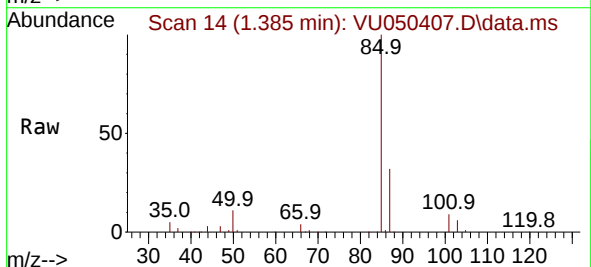
Tgt Ion: 96 Resp: 37208
Ion Ratio Lower Upper
96 100
70 20.5 16.7 25.1
95 8.6 7.4 11.0
97 0.0 0.0 0.0

Manual Integrations
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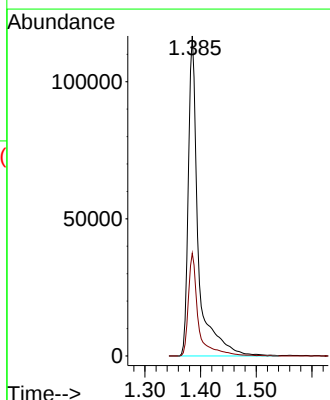
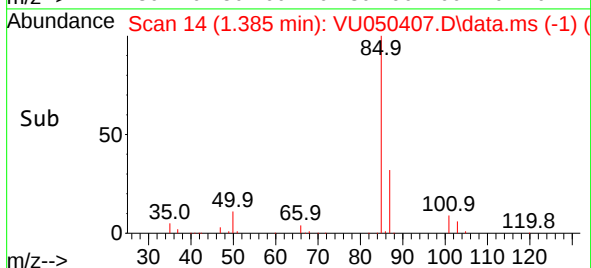
Reviewed By :Krupa Patel 08/27/2022
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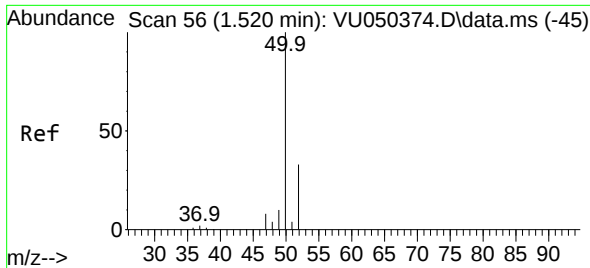


#2
Dichlorodifluoromethane
Concen: 9.466 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



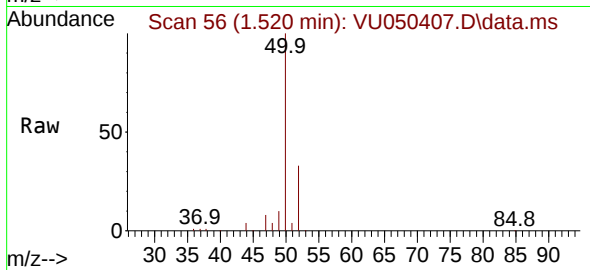
Tgt Ion: 85 Resp: 145881
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.8





#3
Chloromethane
Concen: 9.811 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

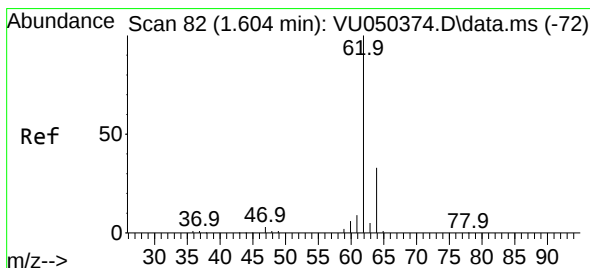
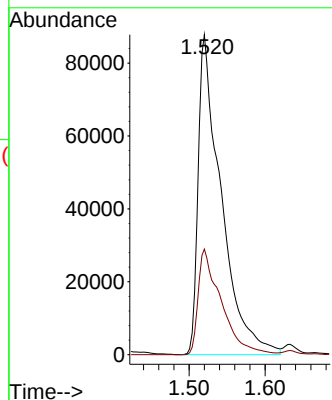
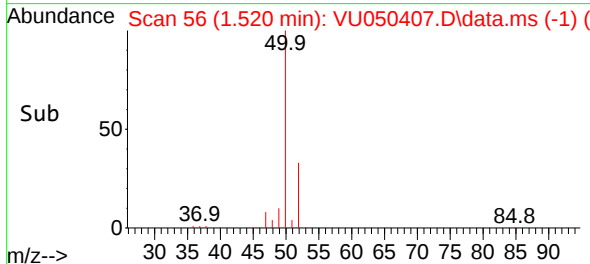
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Tgt Ion: 50 Resp: 18390
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1

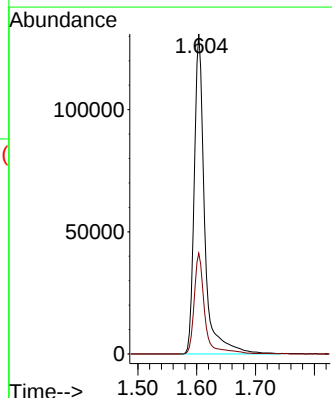
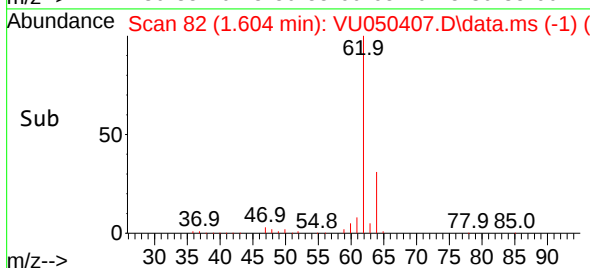
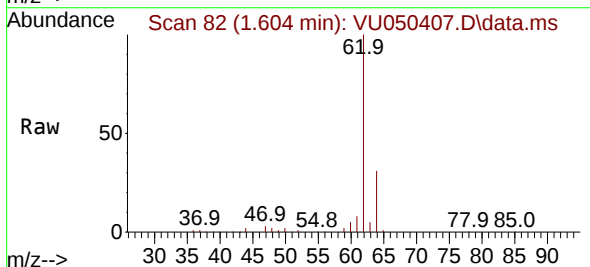
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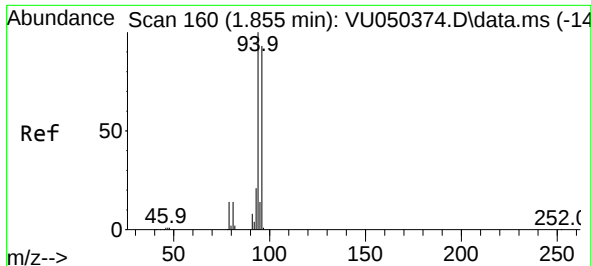
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#4
Vinyl Chloride
Concen: 10.104 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

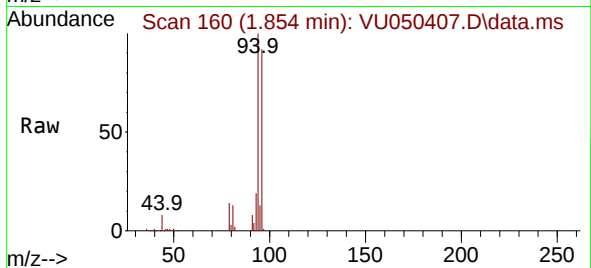
Tgt Ion: 62 Resp: 161850
Ion Ratio Lower Upper
62 100
64 31.5 25.5 38.3





#5
Bromomethane
Concen: 6.987 ug/l
RT: 1.854 min Scan# 160
Delta R.T. 0.003 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

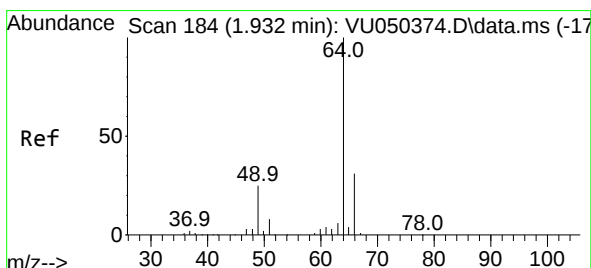
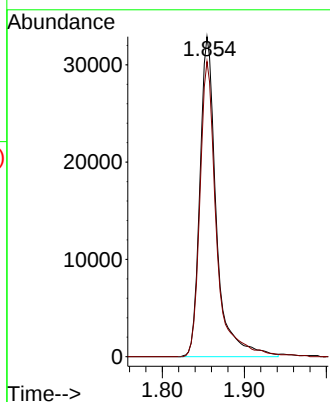
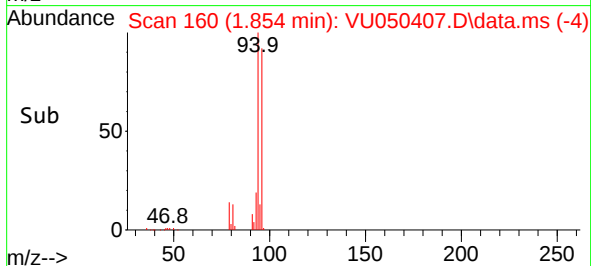
Instrument :
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Tgt Ion: 94 Resp: 45798
Ion Ratio Lower Upper
94 100
96 92.2 73.0 109.6

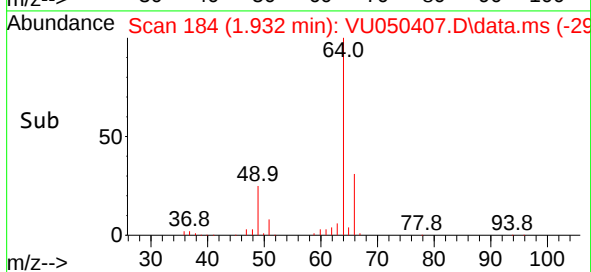
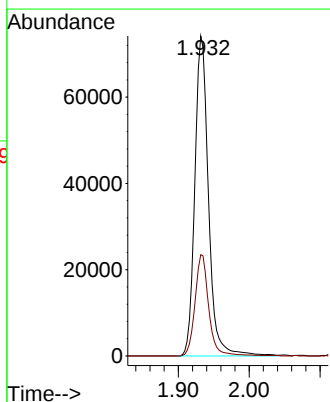
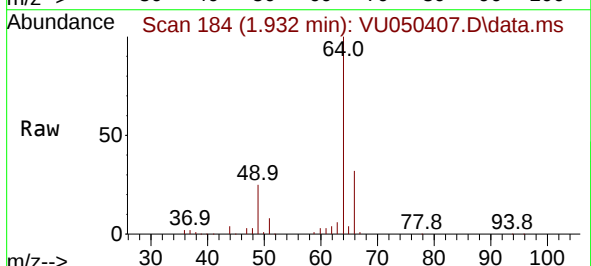
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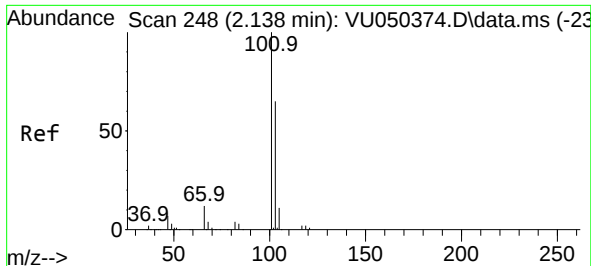
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#6
Chloroethane
Concen: 10.268 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU050407.D
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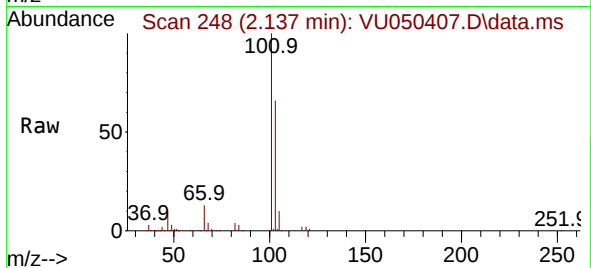
Tgt Ion: 64 Resp: 99474
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 9.827 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU050407.D
 Acq: 22 Aug 2022 19:52

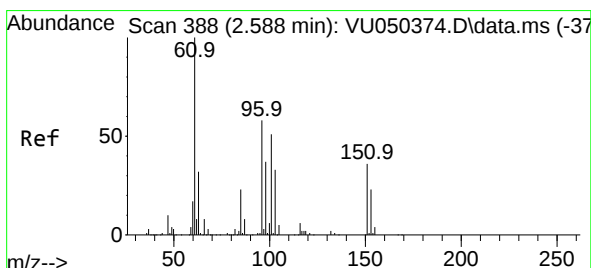
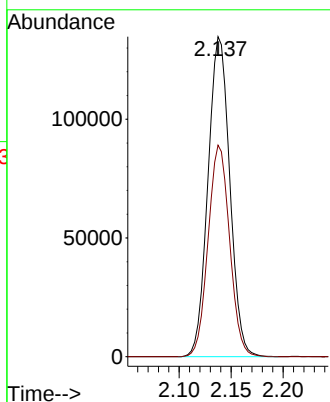
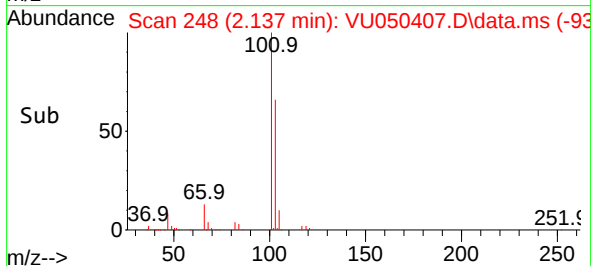
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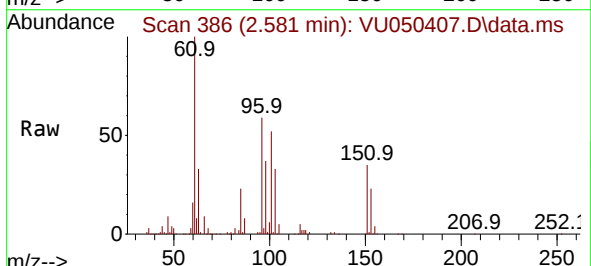
Tgt Ion:101 Resp: 19642
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.8 77.6

Manual Integrations
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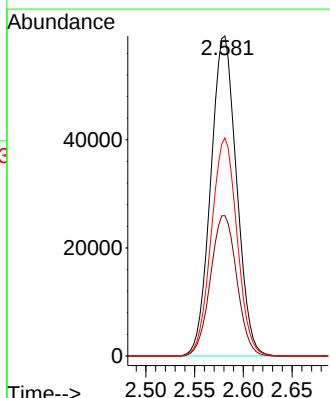
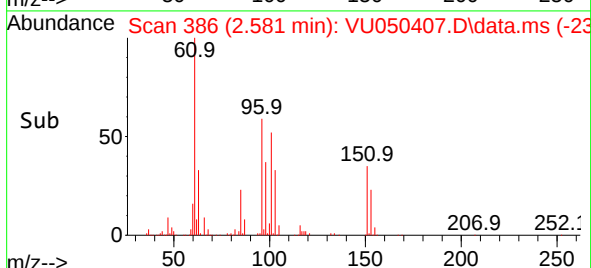
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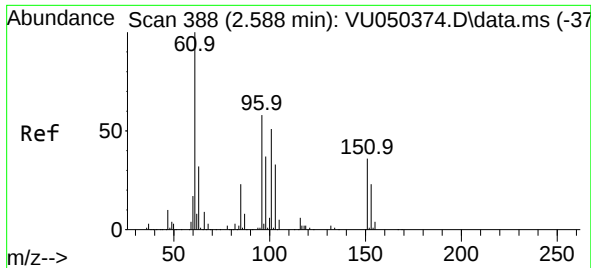


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.760 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU050407.D
 Acq: 22 Aug 2022 19:52



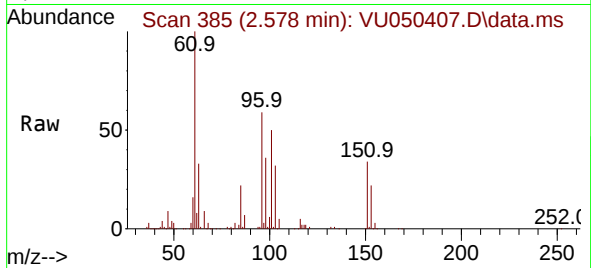
Tgt Ion:101 Resp: 109104
 Ion Ratio Lower Upper
 101 100
 85 44.7 36.4 54.6
 151 68.2 59.1 88.7





#9
1,1-Dichloroethene
Concen: 10.041 ug/l
RT: 2.578 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

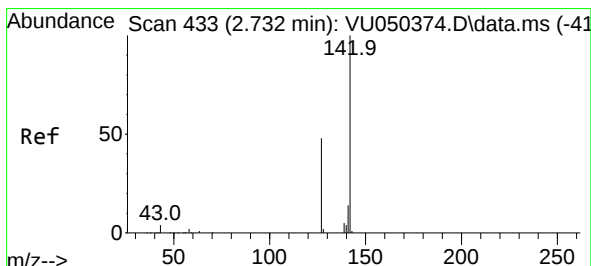
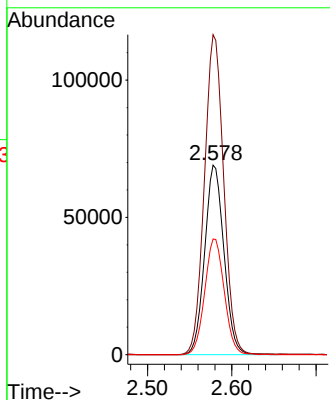
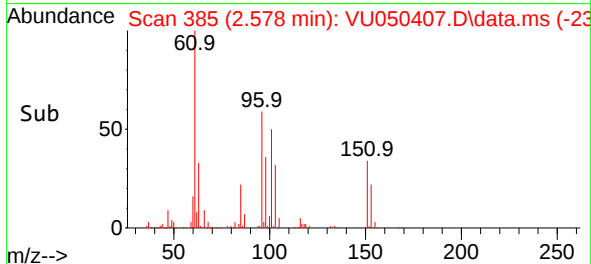
Instrument :
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Tgt Ion: 96 Resp: 110030
Ion Ratio Lower Upper
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98 61.0 0.0 124.6

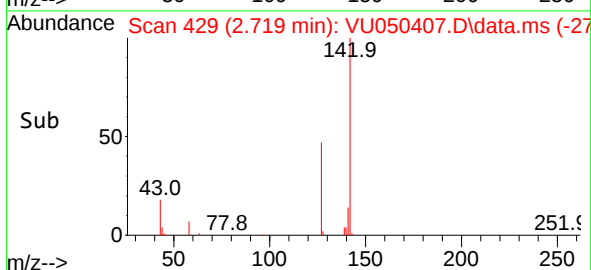
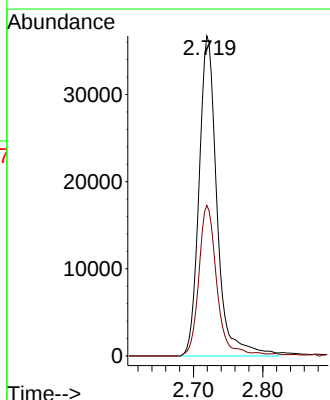
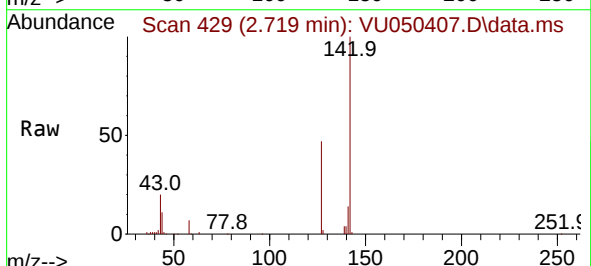
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APPROVED

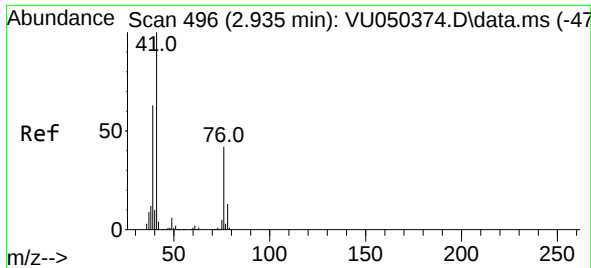
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#10
Iodomethane
Concen: 7.325 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

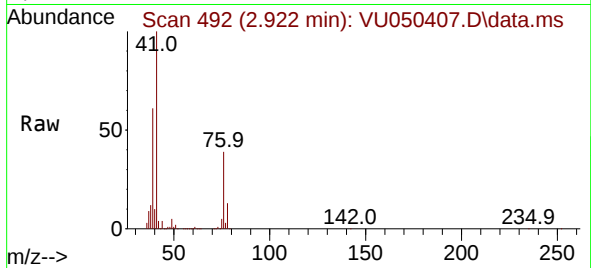
Tgt Ion:142 Resp: 66186
Ion Ratio Lower Upper
142 100
127 46.6 38.2 57.2





#11
 Allyl Chloride
 Concen: 10.245 ug/l
 RT: 2.922 min Scan# 496
 Delta R.T. -0.000 min
 Lab File: VU050407.D
 Acq: 22 Aug 2022 19:52

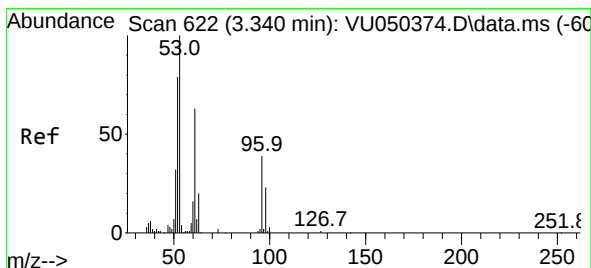
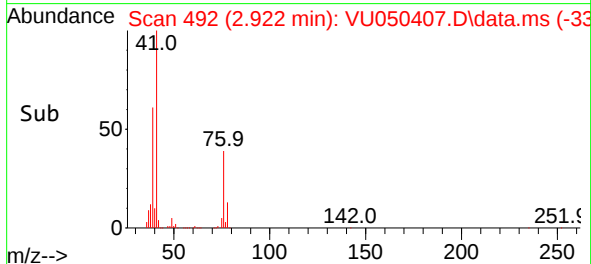
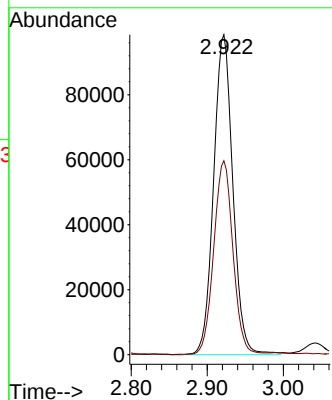
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 173036
 Ion Ratio Lower Upper
 41 100
 39 60.3 53.2 79.8

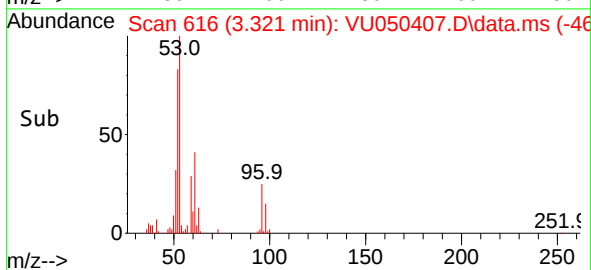
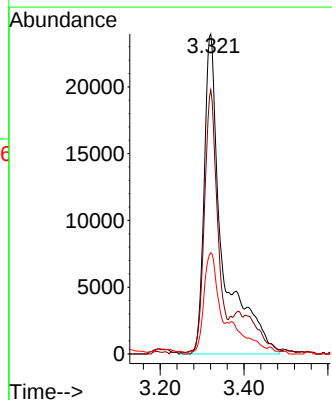
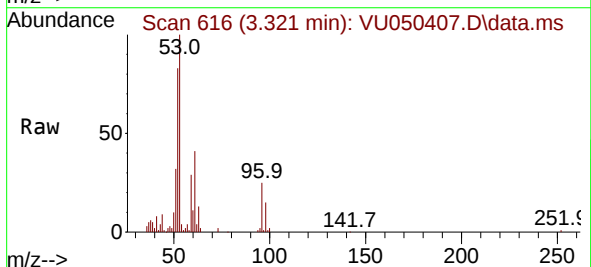
Manual Integrations
 APPROVED

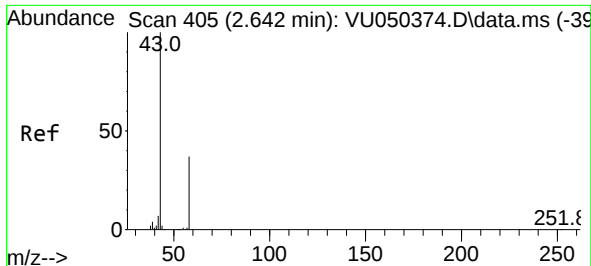
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#12
 Acrylonitrile
 Concen: 22.304 ug/l m
 RT: 3.321 min Scan# 616
 Delta R.T. 0.003 min
 Lab File: VU050407.D
 Acq: 22 Aug 2022 19:52

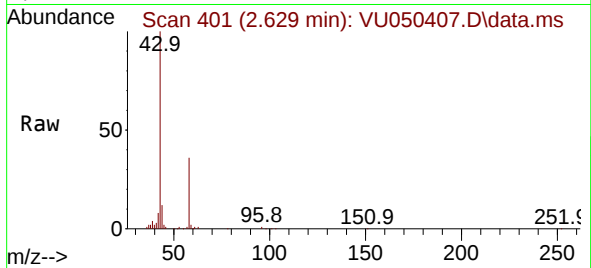
Tgt Ion: 53 Resp: 73306
 Ion Ratio Lower Upper
 53 100
 52 58.7 64.6 97.0#
 51 24.2 30.7 46.1#





#13
Acetone
Concen: 54.219 ug/l m
RT: 2.629 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

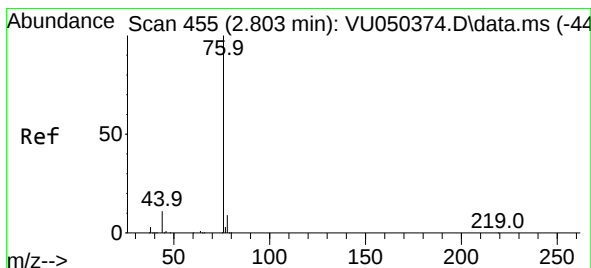
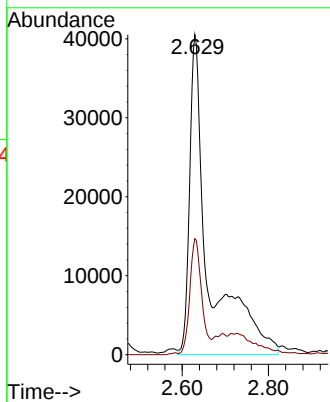
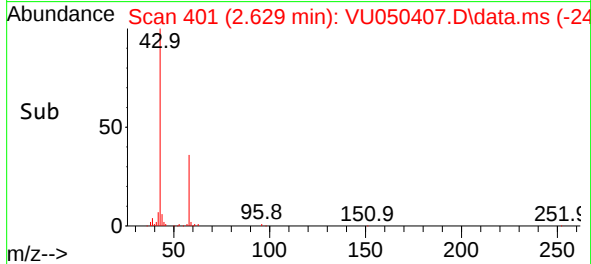
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 12463
Ion Ratio Lower Upper
43 100
58 36.2 26.2 39.2

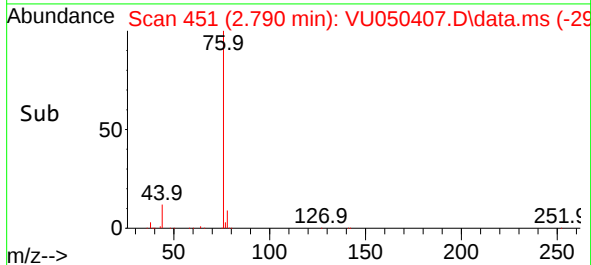
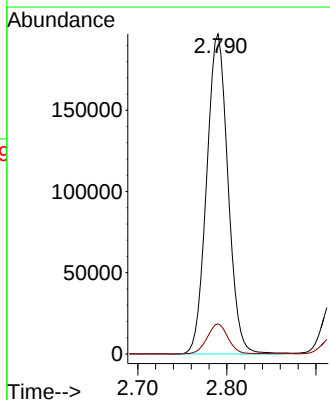
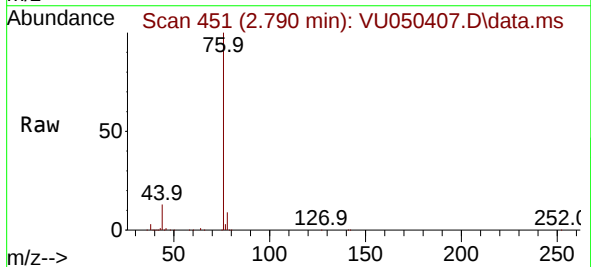
Manual Integrations
APPROVED

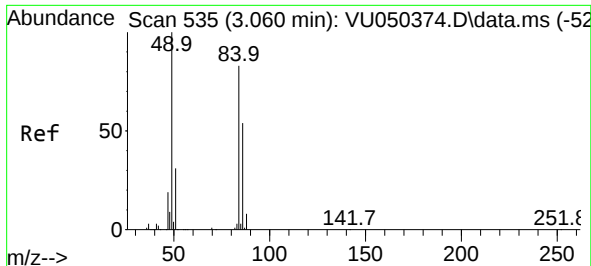
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#14
Carbon Disulfide
Concen: 9.637 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

Tgt Ion: 76 Resp: 327138
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





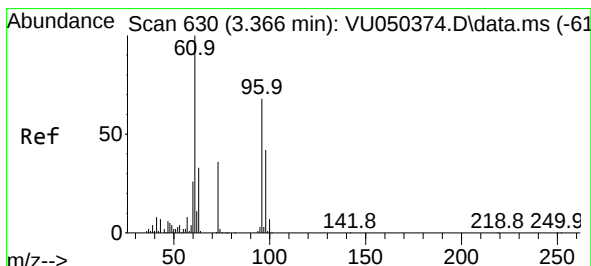
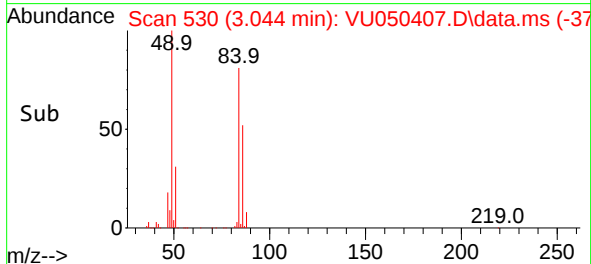
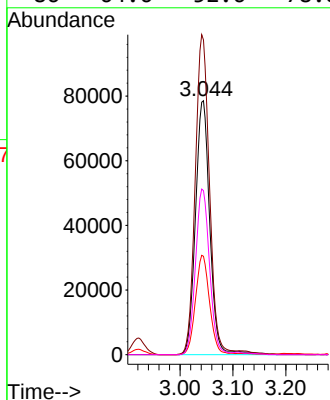
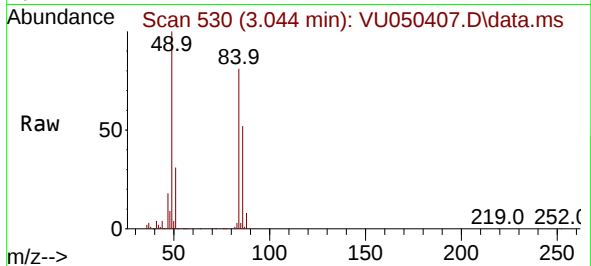
#15
Methylene Chloride
Concen: 10.004 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 84 Resp: 14832
Ion Ratio Lower Upper
84 100
49 123.8 104.6 157.0
51 38.7 0.0 81.4
86 64.6 52.6 78.8

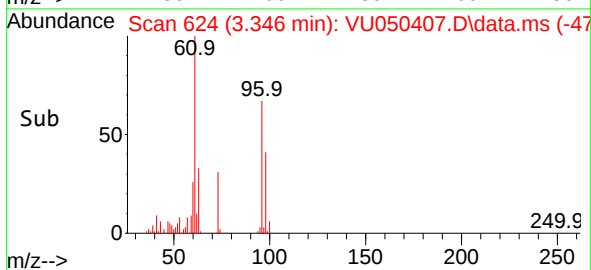
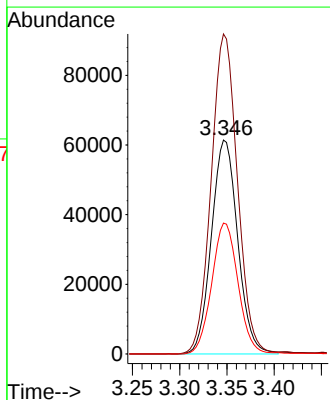
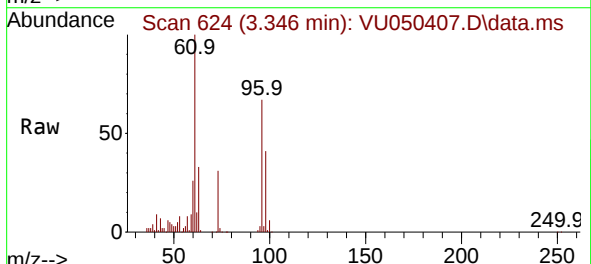
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#16
trans-1,2-Dichloroethene
Concen: 10.490 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.003 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

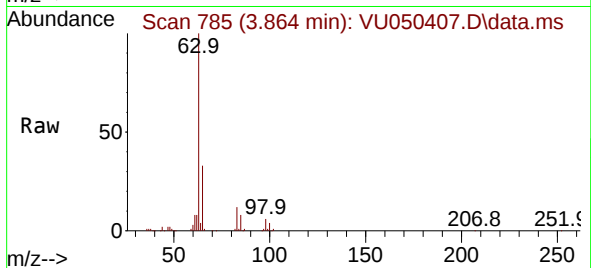
Tgt Ion: 96 Resp: 118802
Ion Ratio Lower Upper
96 100
61 149.6 123.4 185.0
98 61.2 51.6 77.4





#17
1,1-Dichloroethane
Concen: 10.243 ug/l
RT: 3.864 min Scan# 791
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

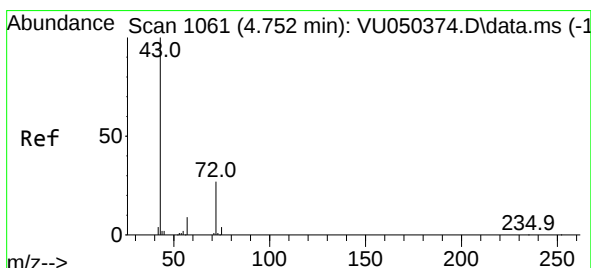
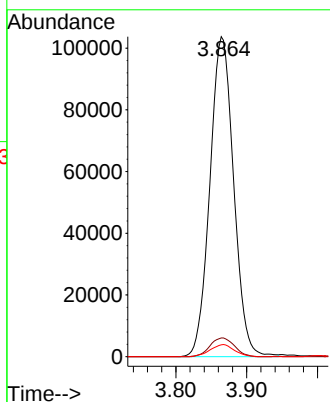
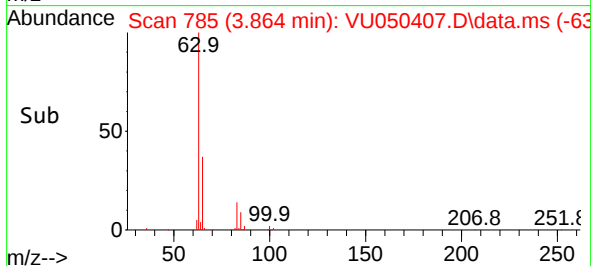
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 63 Resp: 241618
Ion Ratio Lower Upper
63 100
98 5.8 3.4 10.2
100 3.7 2.0 6.0

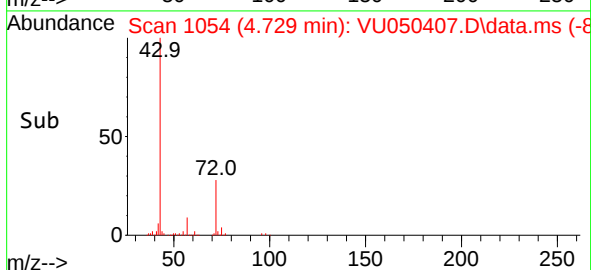
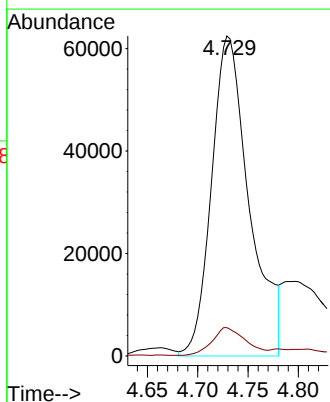
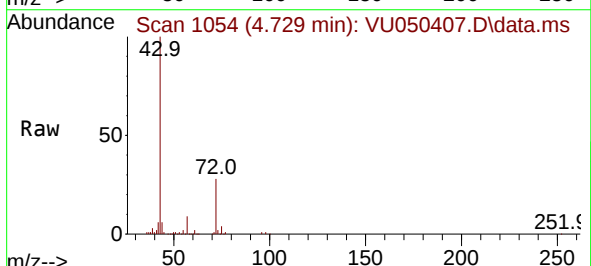
Manual Integrations
APPROVED

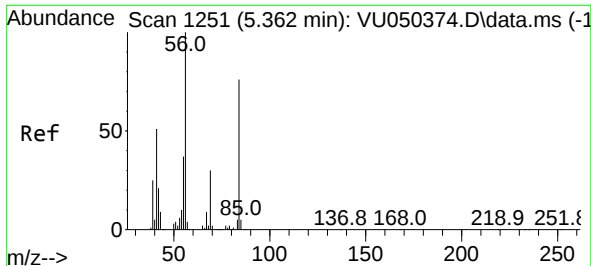
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#18
2-Butanone
Concen: 45.108 ug/l m
RT: 4.729 min Scan# 1054
Delta R.T. 0.010 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

Tgt Ion: 43 Resp: 163082
Ion Ratio Lower Upper
43 100
57 8.8 0.0 18.0





#19

Cyclohexane

Concen: 8.668 ug/l m

RT: 5.375 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 56 Resp: 148378

Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.4

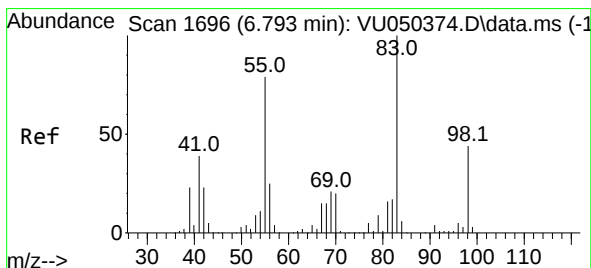
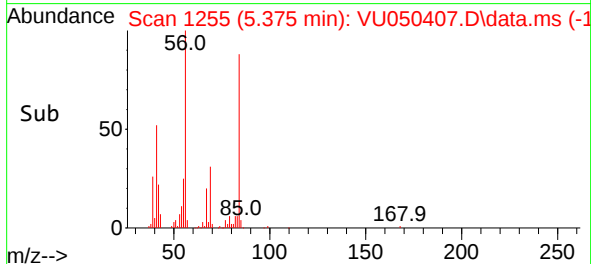
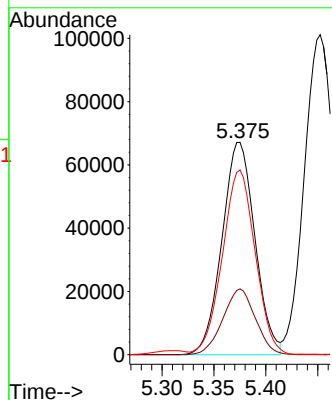
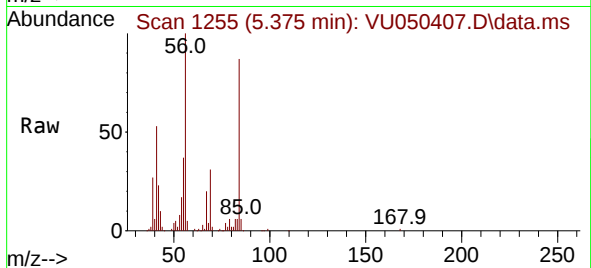
84 84.4 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#20

Methylcyclohexane

Concen: 11.018 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

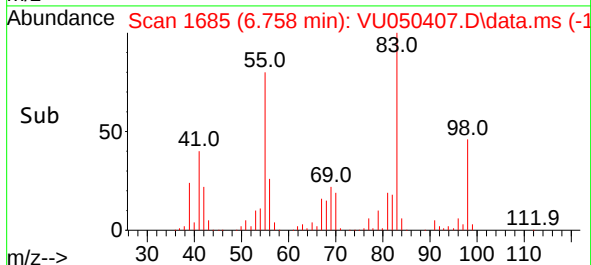
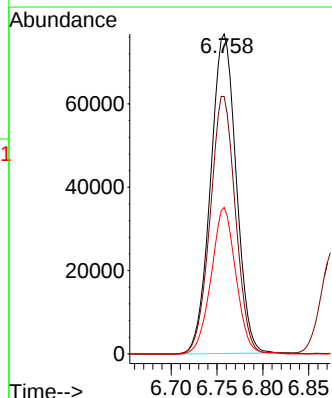
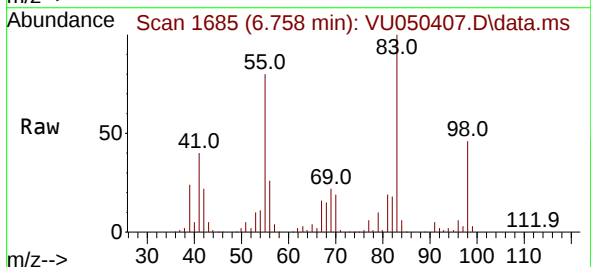
Tgt Ion: 83 Resp: 148668

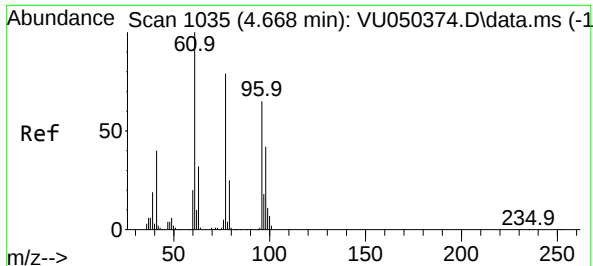
Ion Ratio Lower Upper

83 100

55 79.6 63.0 94.4

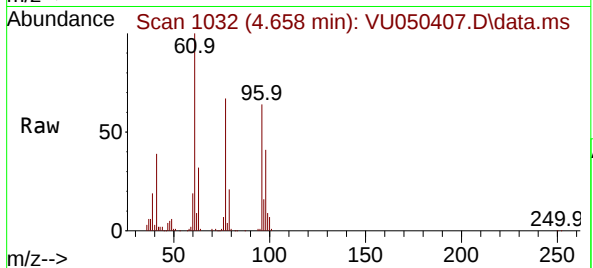
98 44.3 35.7 53.5





#21
2,2-Dichloropropane
Concen: 8.450 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.007 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

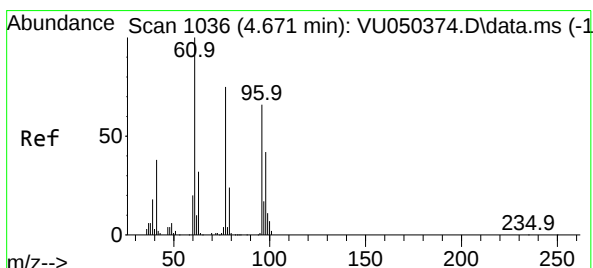
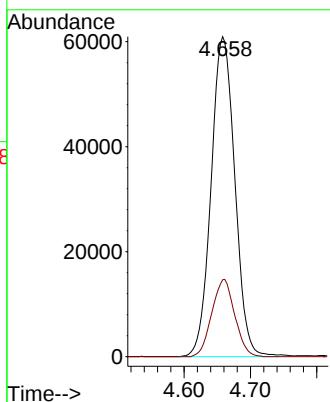
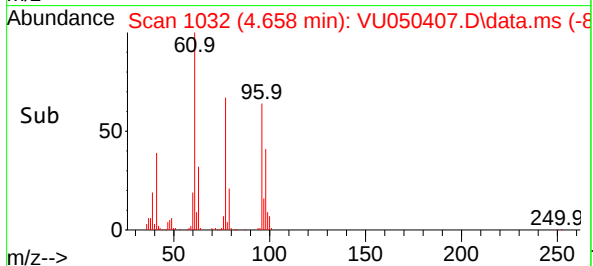
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 77 Resp: 151494
Ion Ratio Lower Upper
77 100
97 23.3 18.5 27.7

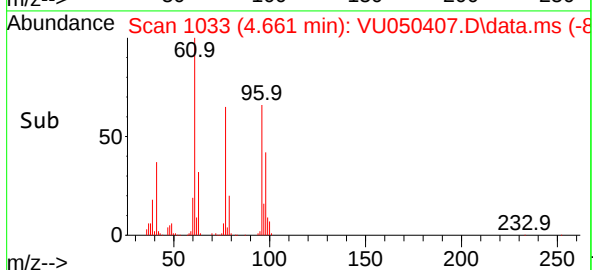
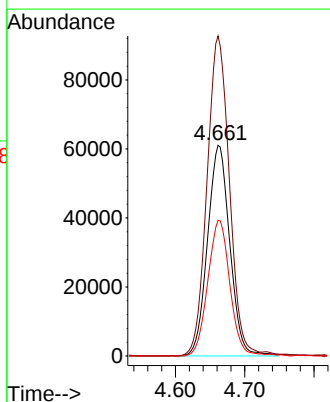
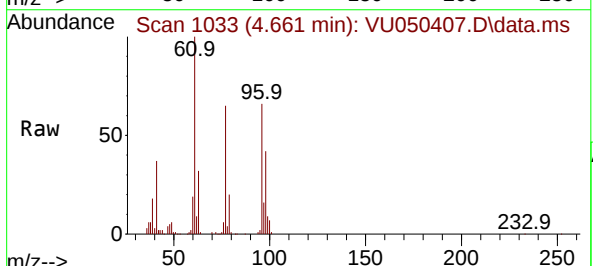
Manual Integrations
APPROVED

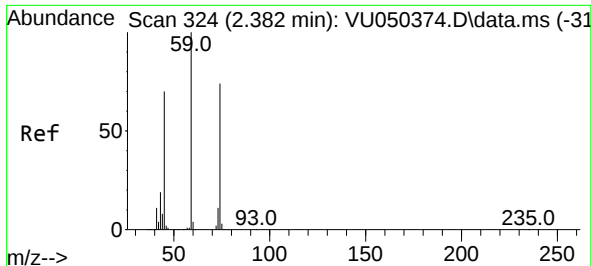
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#22
cis-1,2-Dichloroethene
Concen: 10.652 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

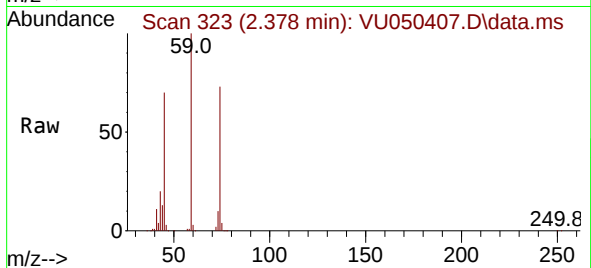
Tgt Ion: 96 Resp: 136487
Ion Ratio Lower Upper
96 100
61 151.7 0.0 375.8
98 64.0 31.6 95.0





#23
Diethyl Ether
Concen: 10.134 ug/l
RT: 2.378 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

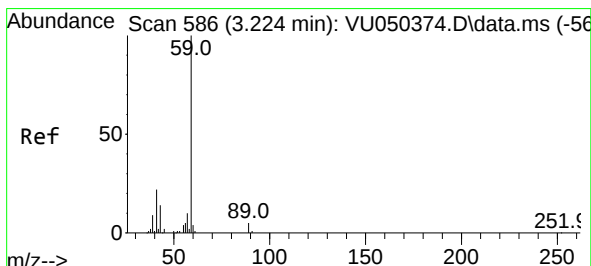
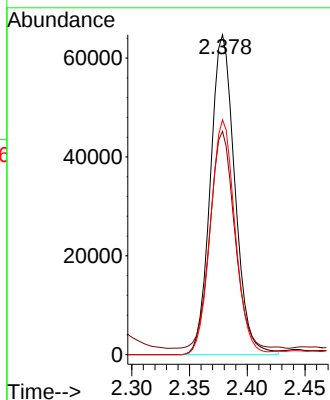
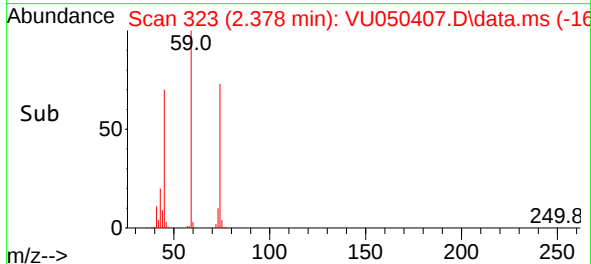
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 95397
Ion Ratio Lower Upper
59 100
45 69.8 56.0 84.0
74 73.9 57.6 86.4

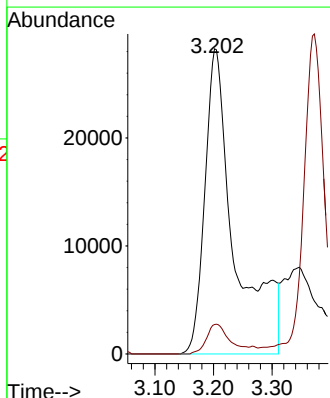
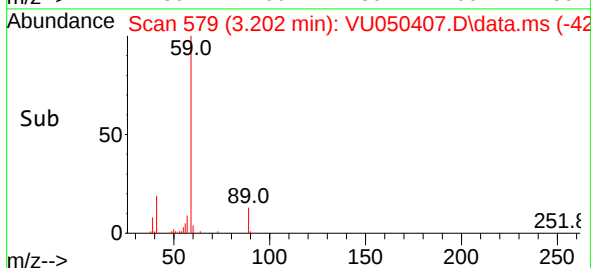
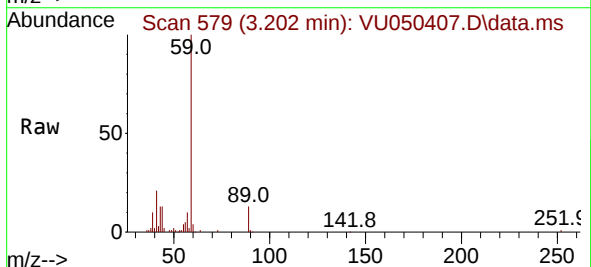
Manual Integrations
APPROVED

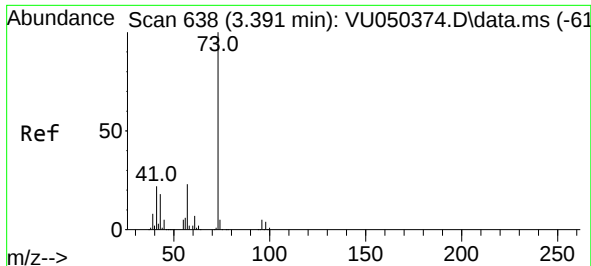
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#24
tert-Butyl Alcohol
Concen: 100.311 ug/l m
RT: 3.202 min Scan# 579
Delta R.T. 0.006 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

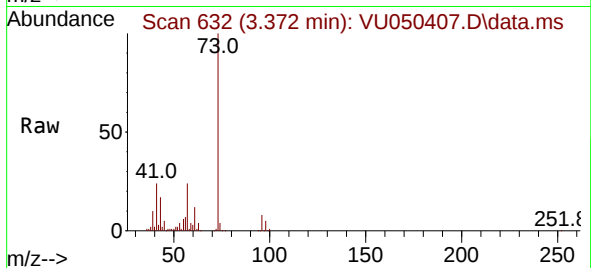
Tgt Ion: 59 Resp: 99877
Ion Ratio Lower Upper
59 100
57 7.6 8.2 12.2#





#25
Methyl tert-Butyl Ether
Concen: 9.919 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

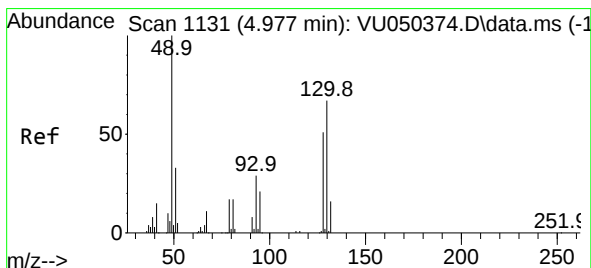
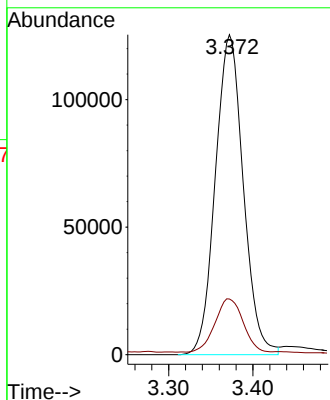
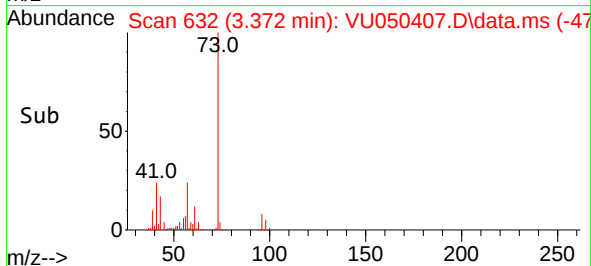
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 28873
Ion Ratio Lower Upper
73 100
43 16.7 15.9 23.9

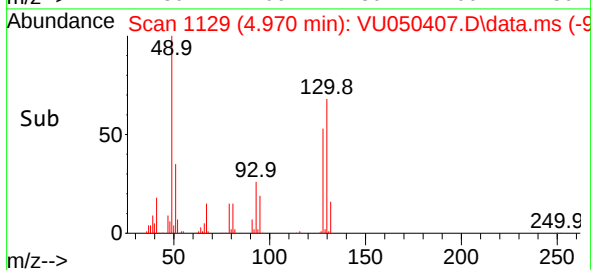
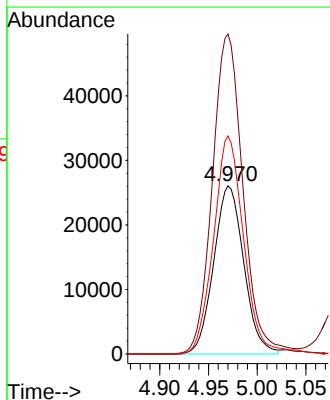
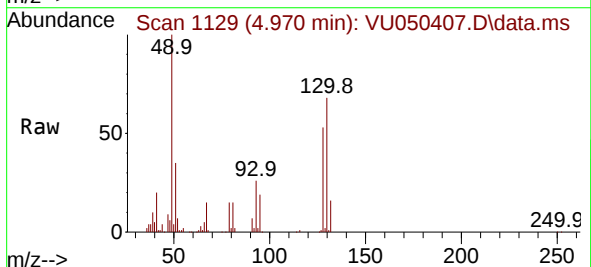
Manual Integrations
APPROVED

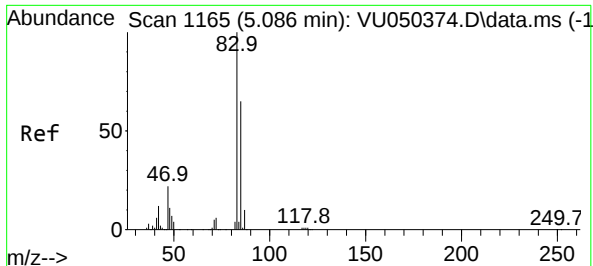
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#26
Bromochloromethane
Concen: 10.861 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

Tgt Ion:128 Resp: 55840
Ion Ratio Lower Upper
128 100
49 193.6 0.0 349.2
130 130.6 103.0 154.6





#27

Chloroform

Concen: 10.555 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050407.D

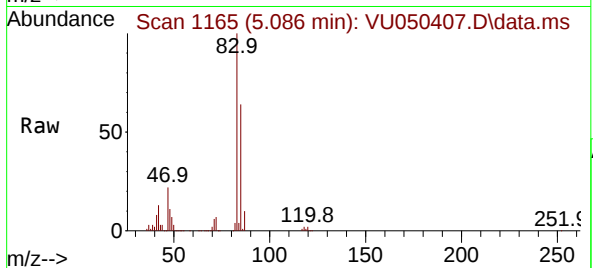
Acq: 22 Aug 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 83 Resp: 241278

Ion Ratio Lower Upper

83 100

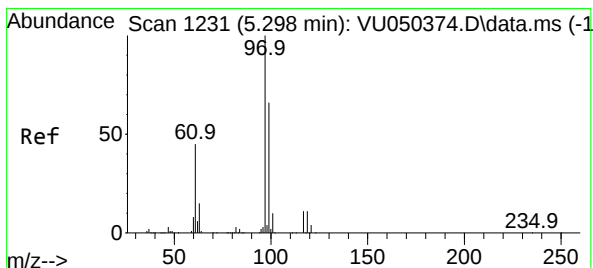
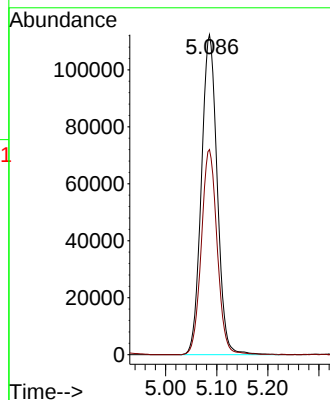
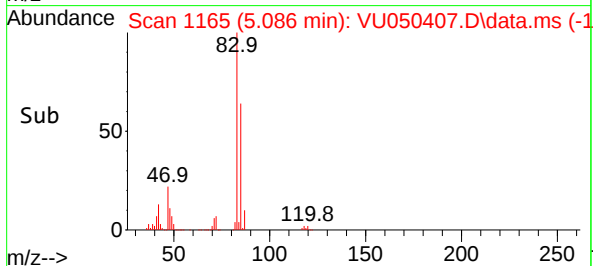
85 64.1 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#28

1,1,1-Trichloroethane

Concen: 9.108 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. -0.006 min

Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

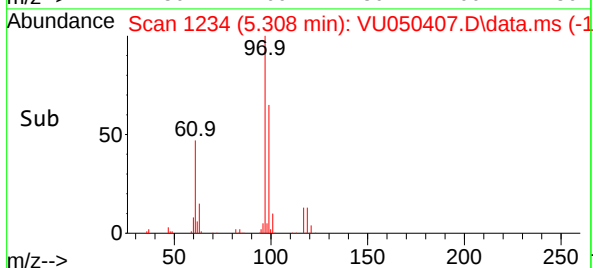
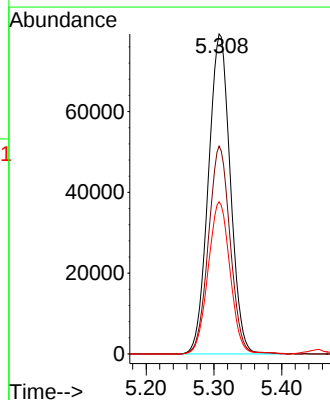
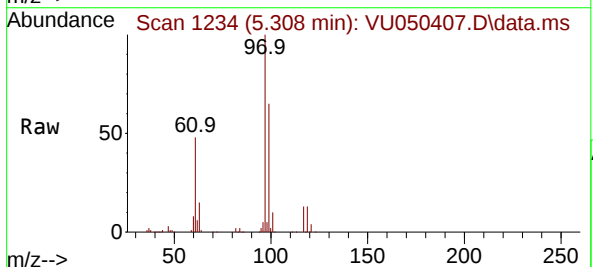
Tgt Ion: 97 Resp: 177667

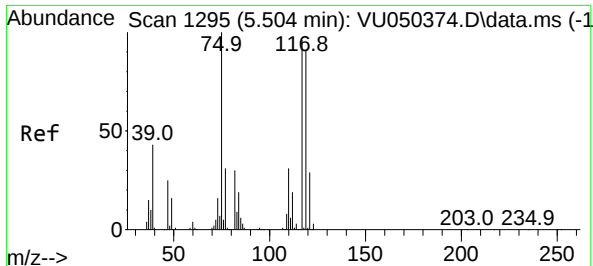
Ion Ratio Lower Upper

97 100

99 64.4 32.1 96.5

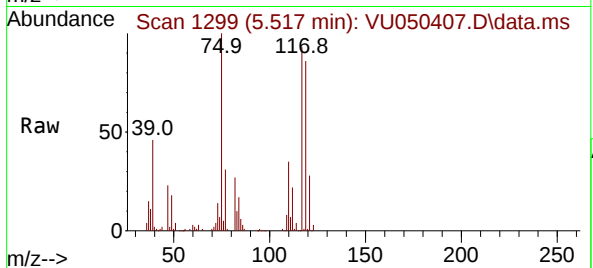
61 47.8 21.8 65.4





#29
1,1-Dichloropropene
Concen: 9.673 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.007 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

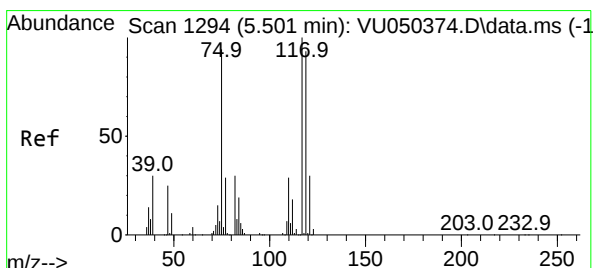
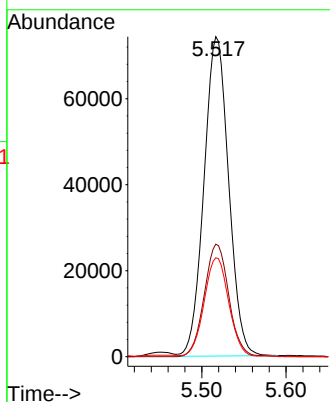
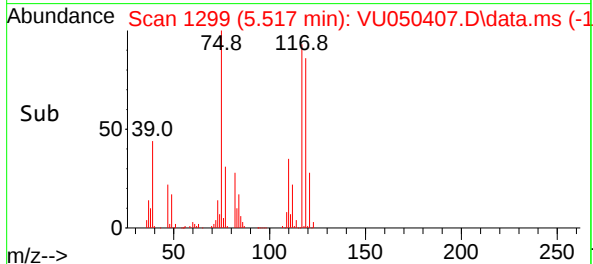
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



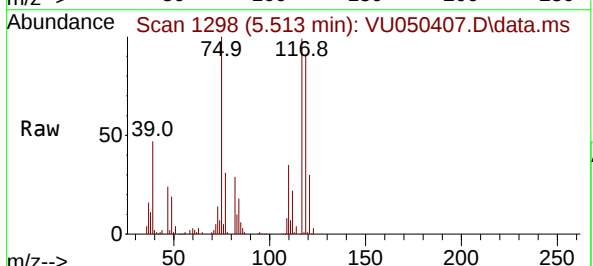
Tgt Ion: 75 Resp: 15114
Ion Ratio Lower Upper
75 100
110 35.2 17.3 52.0
77 30.5 24.6 37.0

Manual Integrations
APPROVED

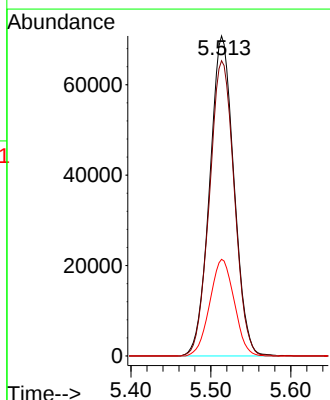
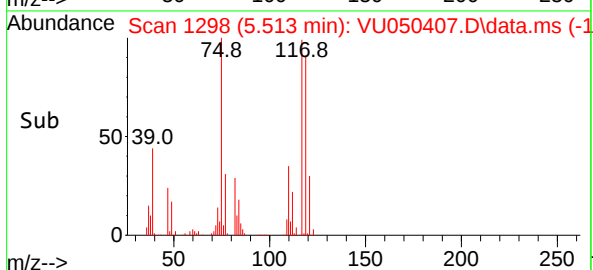
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

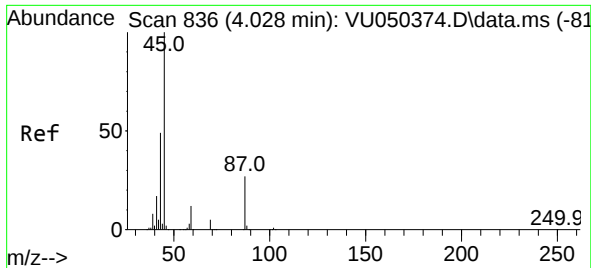


#30
Carbon Tetrachloride
Concen: 9.551 ug/l
RT: 5.513 min Scan# 1298
Delta R.T. -0.007 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



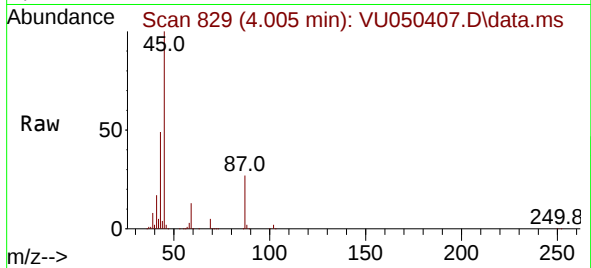
Tgt Ion:117 Resp: 149131
Ion Ratio Lower Upper
117 100
119 92.2 74.6 112.0
121 30.2 24.2 36.4





#31
Isopropyl Ether
Concen: 10.505 ug/l
RT: 4.005 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

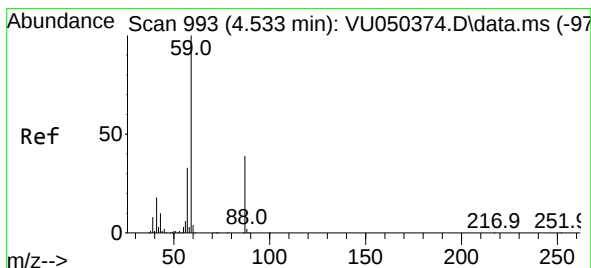
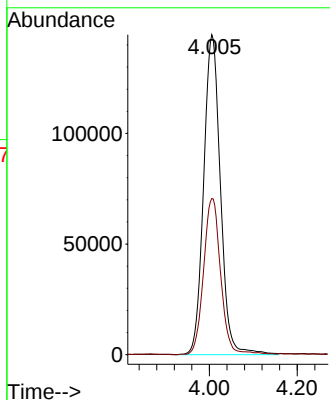
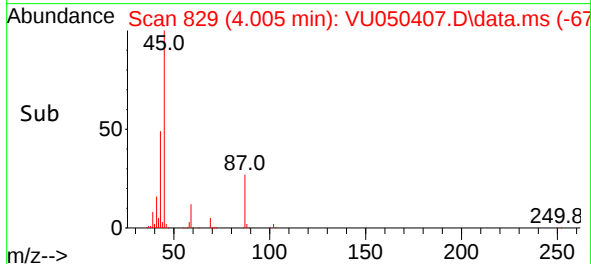
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



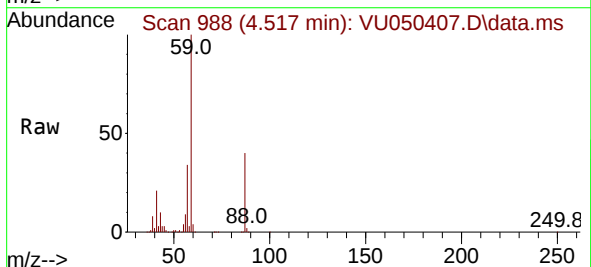
Tgt Ion: 45 Resp: 384499
Ion Ratio Lower Upper
45 100
43 49.5 23.8 71.2

Manual Integrations
APPROVED

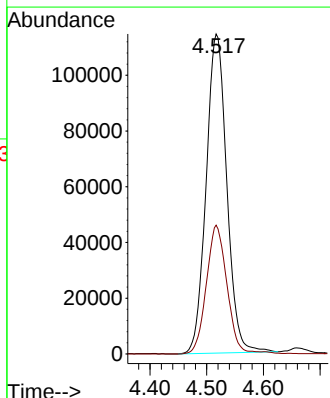
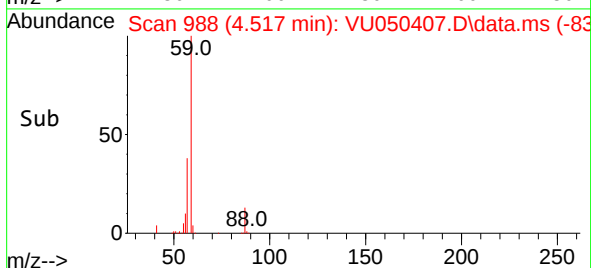
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

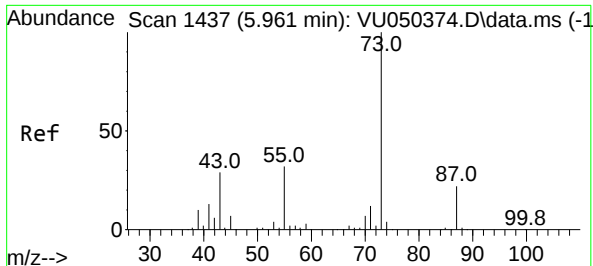


#32
Ethyl-t-butyl ether
Concen: 10.087 ug/l
RT: 4.517 min Scan# 988
Delta R.T. 0.003 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



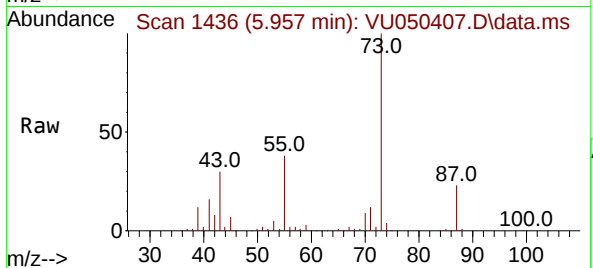
Tgt Ion: 59 Resp: 290035
Ion Ratio Lower Upper
59 100
87 39.1 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 9.979 ug/l
RT: 5.957 min Scan# 1436
Delta R.T. 0.010 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

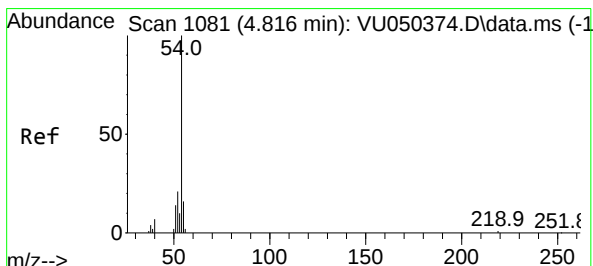
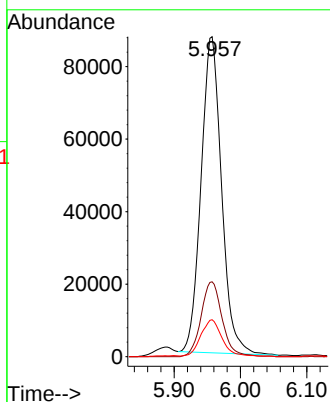
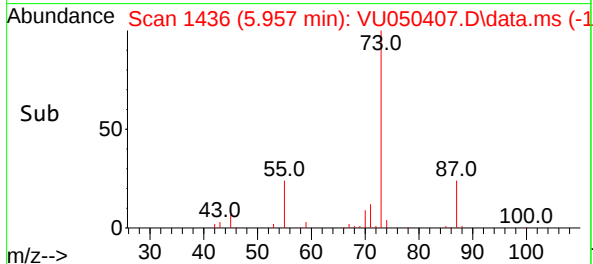
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 187050
Ion Ratio Lower Upper
73 100
87 24.1 19.7 29.5
71 12.0 9.0 13.4

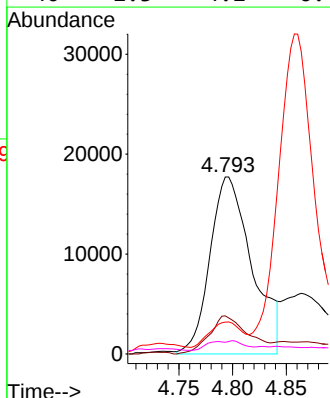
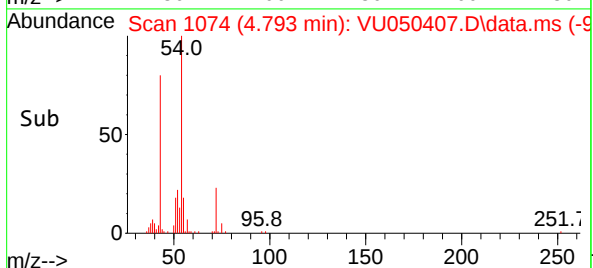
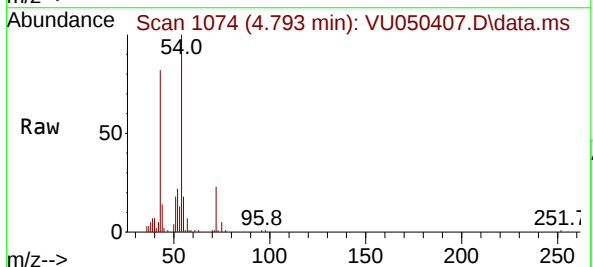
Manual Integrations
APPROVED

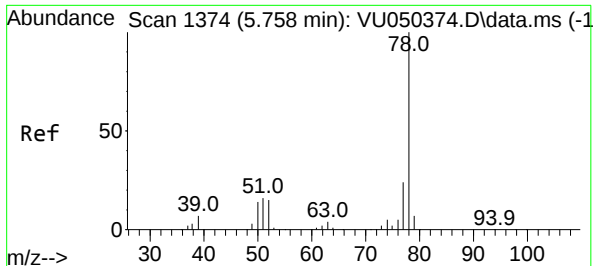
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#34
Propionitrile
Concen: 45.147 ug/l m
RT: 4.793 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

Tgt Ion: 54 Resp: 48213
Ion Ratio Lower Upper
54 100
52 20.0 15.0 22.6
55 14.3 12.6 19.0
40 2.3 4.2 6.4





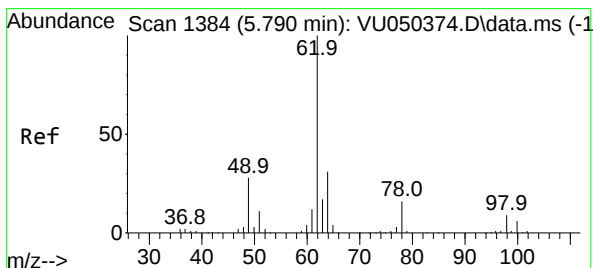
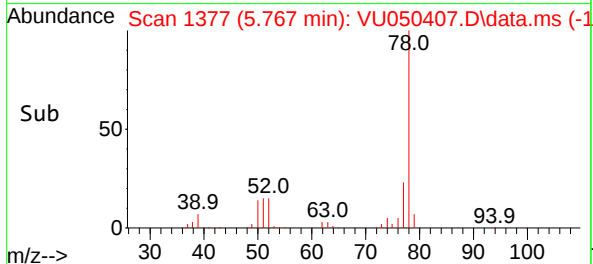
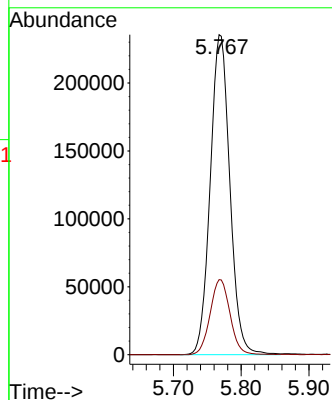
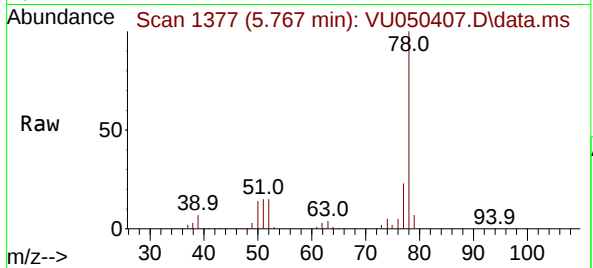
#35
Benzene
Concen: 10.304 ug/l
RT: 5.767 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 47327
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

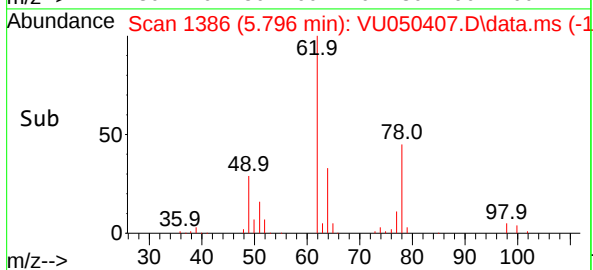
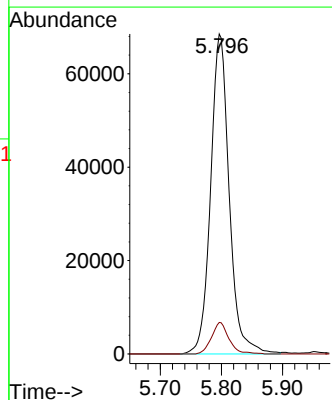
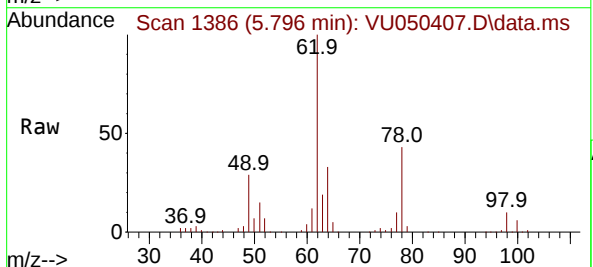
Manual Integrations
APPROVED

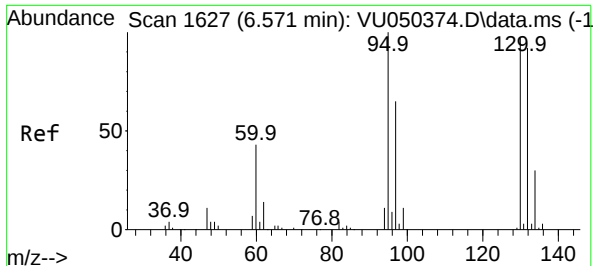
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#36
1,2-Dichloroethane
Concen: 10.313 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

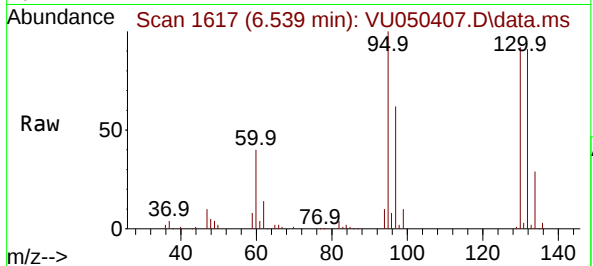
Tgt Ion: 62 Resp: 144630
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0





#37
 Trichloroethene
 Concen: 10.087 ug/l
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: VU050407.D
 Acq: 22 Aug 2022 19:52

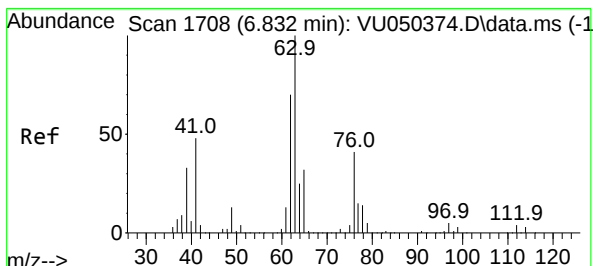
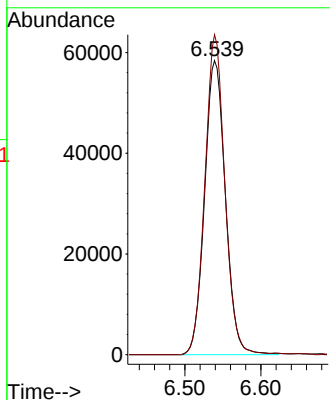
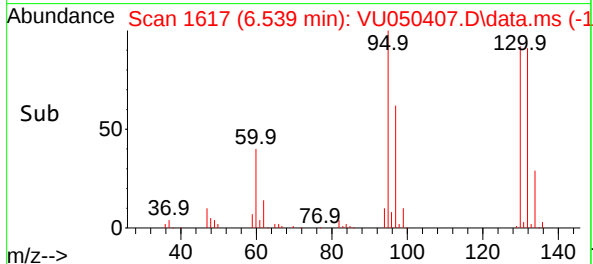
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



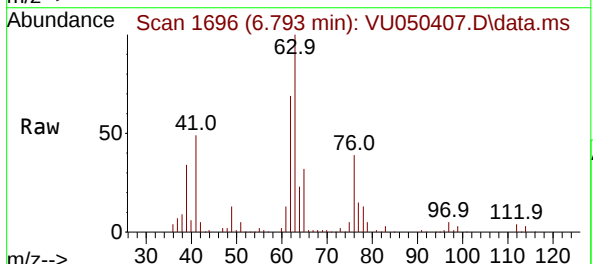
Tgt Ion:130 Resp: 111069
 Ion Ratio Lower Upper
 130 100
 95 108.8 83.8 125.8

Manual Integrations
 APPROVED

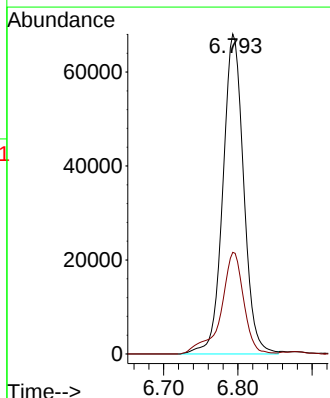
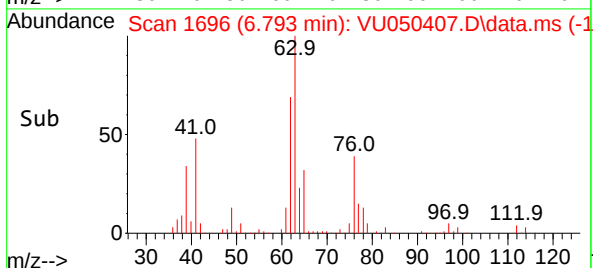
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022

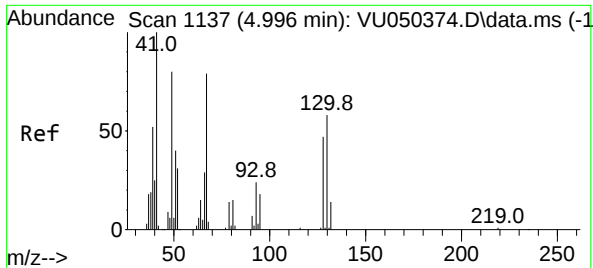


#38
 1,2-Dichloropropane
 Concen: 10.756 ug/l
 RT: 6.793 min Scan# 1696
 Delta R.T. -0.000 min
 Lab File: VU050407.D
 Acq: 22 Aug 2022 19:52



Tgt Ion: 63 Resp: 132606
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.4





#39

Methacrylonitrile

Concen: 10.058 ug/l

RT: 4.986 min Scan# 1137

Delta R.T. 0.003 min

Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 44072

Ion Ratio Lower Upper

41 100

67 90.5 59.4 89.0

39 53.6 42.2 63.2

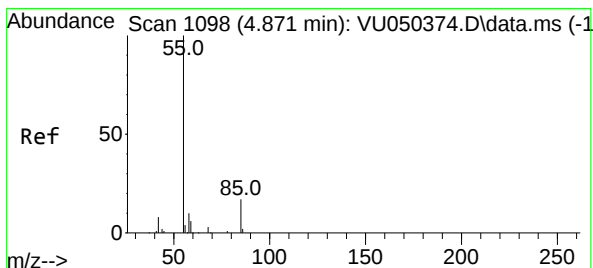
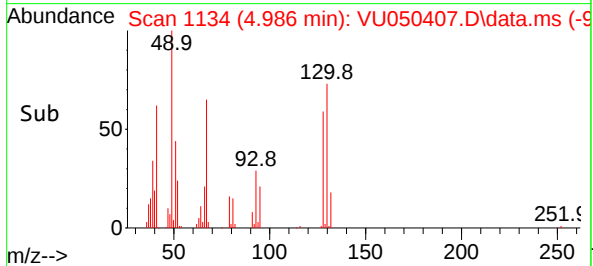
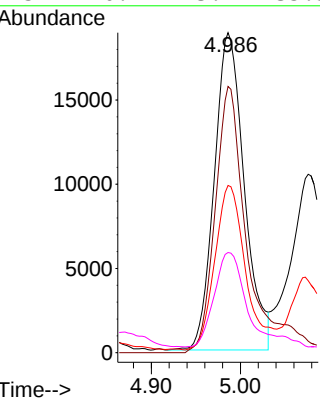
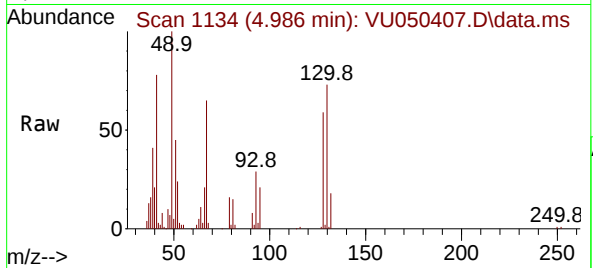
52 40.4 23.7 35.5#

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#40

Methyl acrylate

Concen: 12.660 ug/l

RT: 4.857 min Scan# 1094

Delta R.T. 0.003 min

Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

Tgt Ion: 55 Resp: 84501

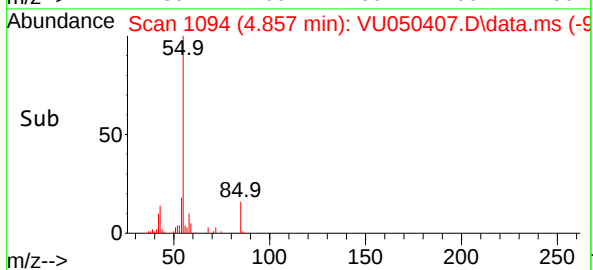
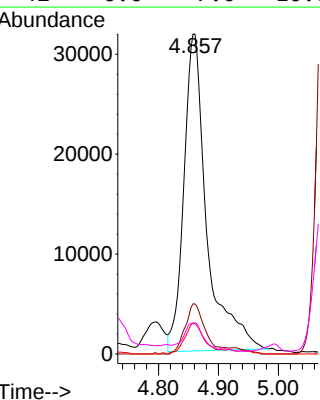
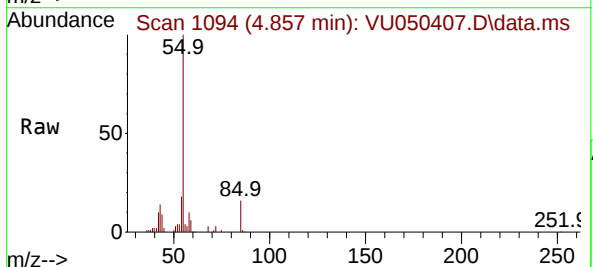
Ion Ratio Lower Upper

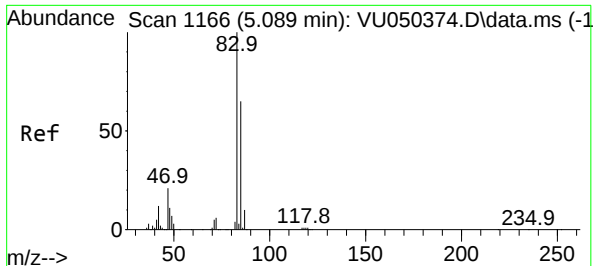
55 100

85 14.2 13.5 20.3

58 8.4 7.0 10.4

42 6.6 7.0 10.6#





#41

Tetrahydrofuran

Concen: 18.431 ug/l

RT: 5.079 min Scan# 1163

Delta R.T. 0.013 min

Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 40439

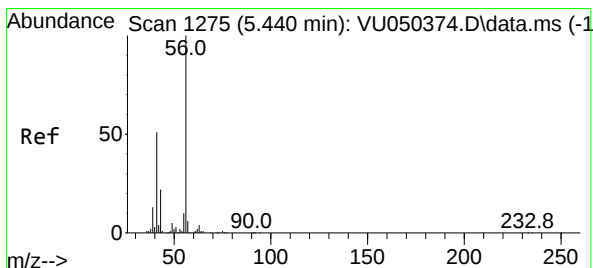
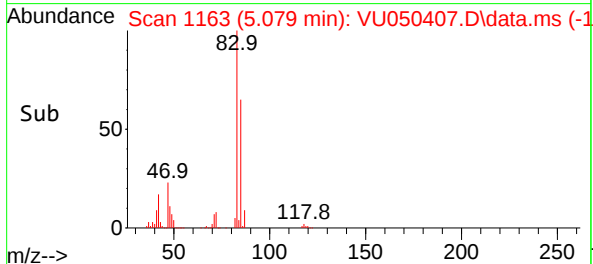
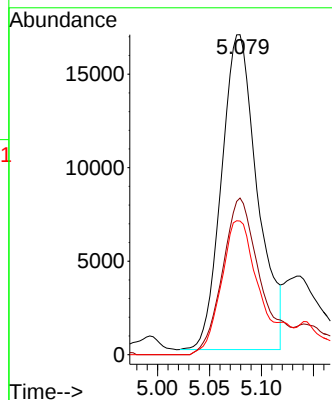
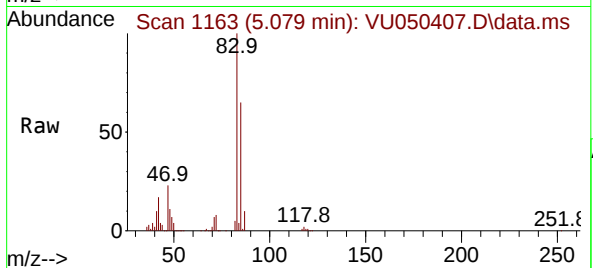
Ion	Ratio	Lower	Upper
42	100		
72	53.1	38.9	58.3
71	46.7	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#42

1-Chlorobutane

Concen: 9.317 ug/l

RT: 5.452 min Scan# 1279

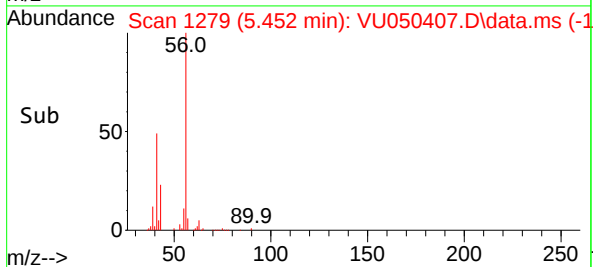
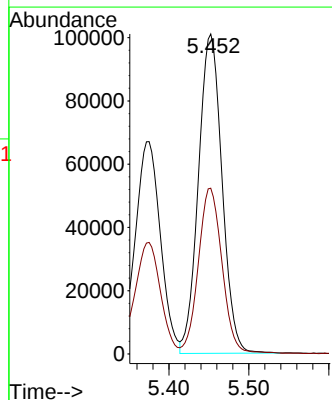
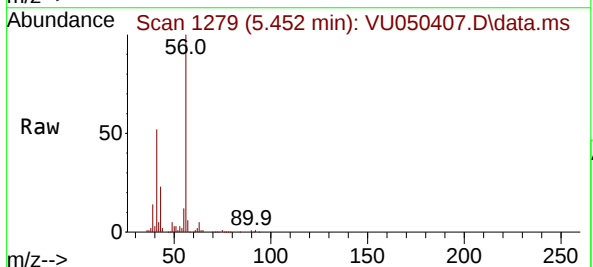
Delta R.T. -0.003 min

Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

Tgt Ion: 56 Resp: 207303

Ion	Ratio	Lower	Upper
56	100		
41	51.9	26.4	79.2





#43

Dibromomethane

Concen: 10.565 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 93 Resp: 70214

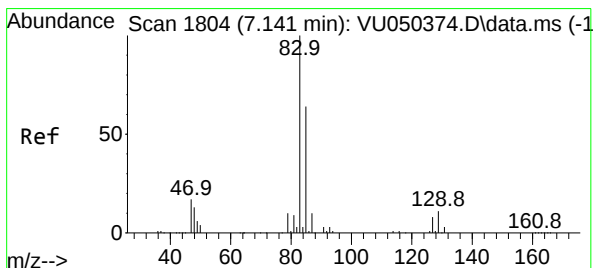
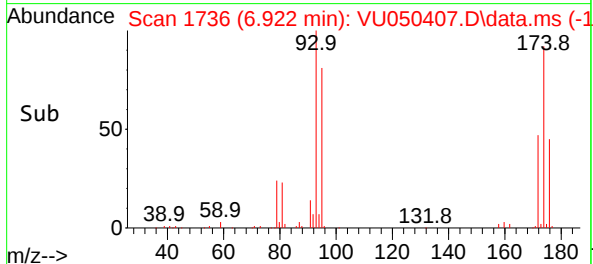
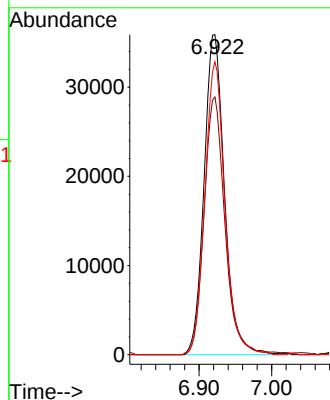
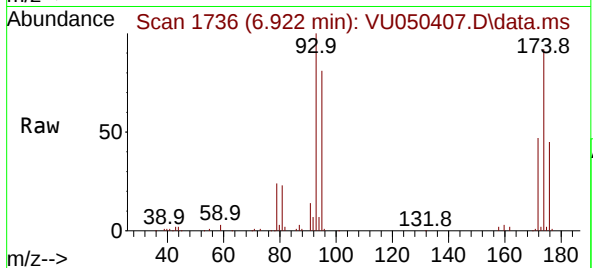
Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.0	97.6
174	90.0	76.3	114.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#44

Bromodichloromethane

Concen: 10.740 ug/l

RT: 7.108 min Scan# 1794

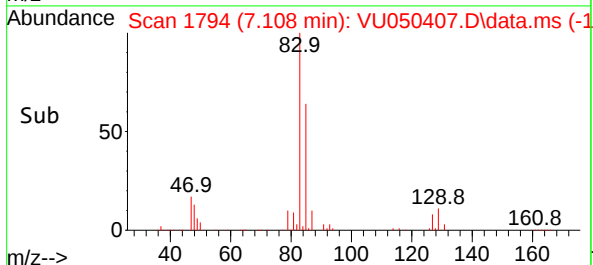
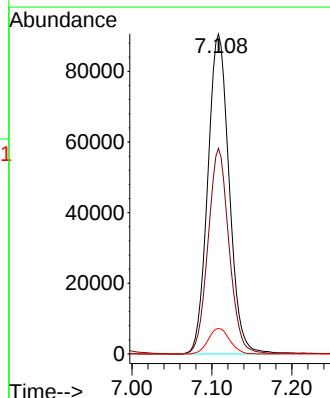
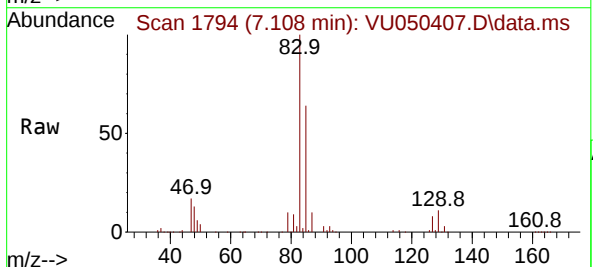
Delta R.T. -0.000 min

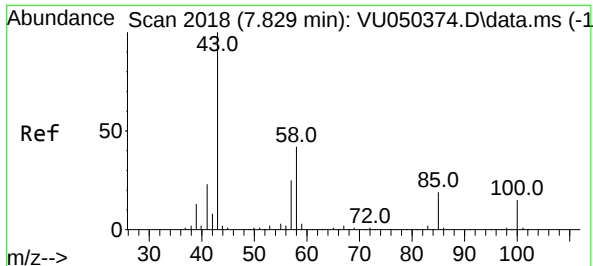
Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

Tgt Ion: 83 Resp: 168424

Ion	Ratio	Lower	Upper
83	100		
85	64.2	49.4	74.0
127	8.0	6.6	10.0





#45

4-Methyl-2-Pentanone

Concen: 58.675 ug/l

RT: 7.806 min Scan# 2011

Delta R.T. 0.010 min

Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 39142

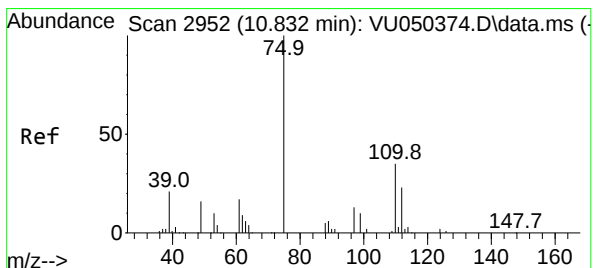
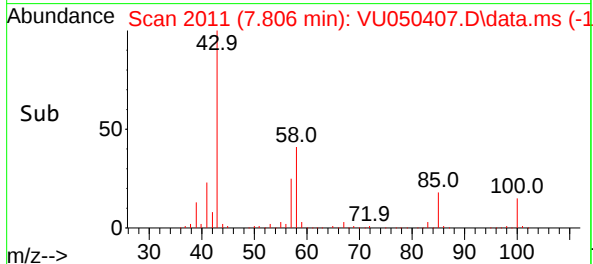
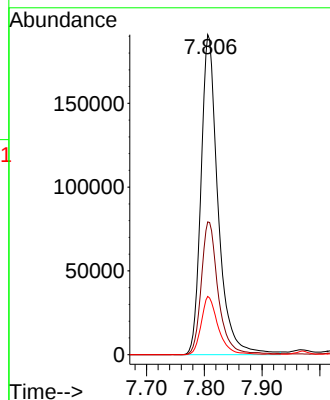
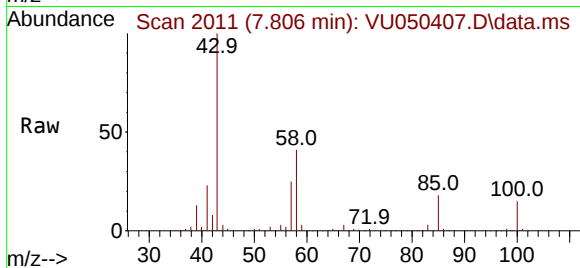
Ion	Ratio	Lower	Upper
43	100		
58	41.4	20.3	61.0
85	18.2	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#46

t-1,4-Dichloro-2-butene

Concen: 19.939 ug/l m

RT: 10.828 min Scan# 2951

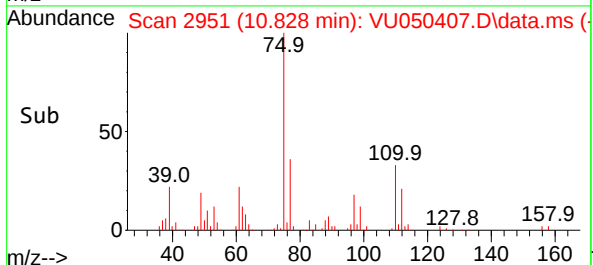
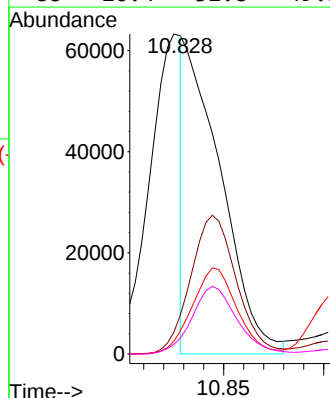
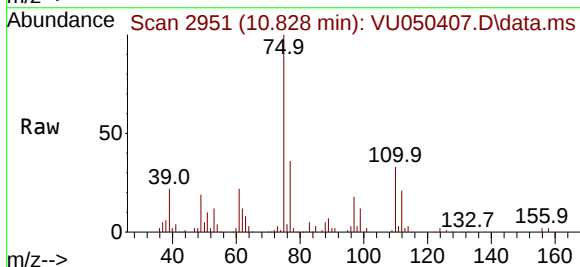
Delta R.T. -0.003 min

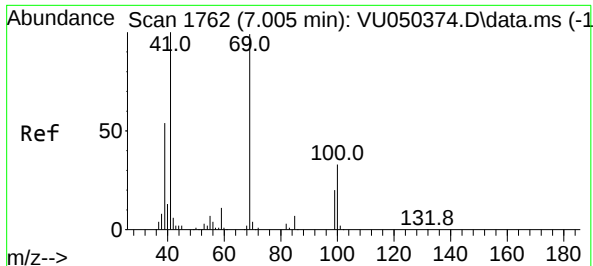
Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

Tgt Ion: 75 Resp: 79428

Ion	Ratio	Lower	Upper
75	100		
53	54.9	64.4	96.6#
89	33.4	44.2	66.2#
88	26.4	32.8	49.2#





#47

Methyl methacrylate

Concen: 18.855 ug/l

RT: 6.973 min Scan# 11708

Delta R.T. 0.006 min

Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 11708

Ion Ratio Lower Upper

69 100

41 103.3 0.0 225.4

39 54.7 45.8 68.8

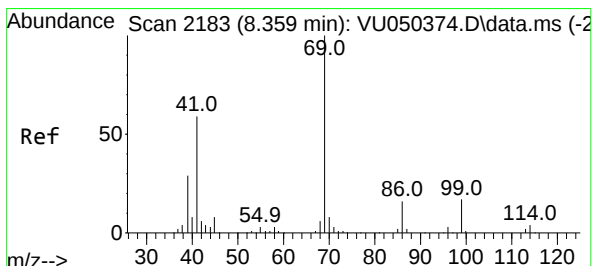
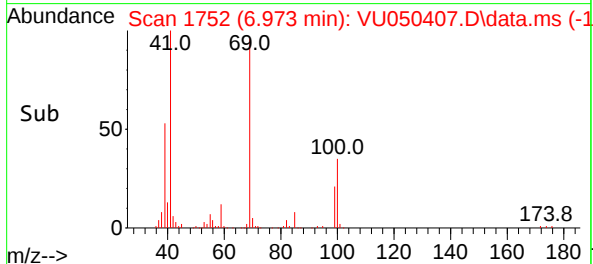
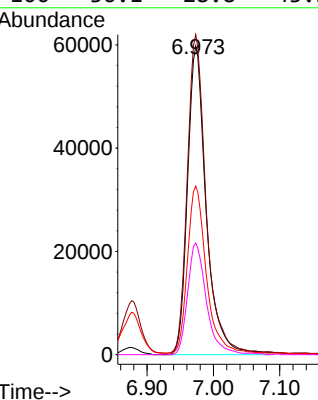
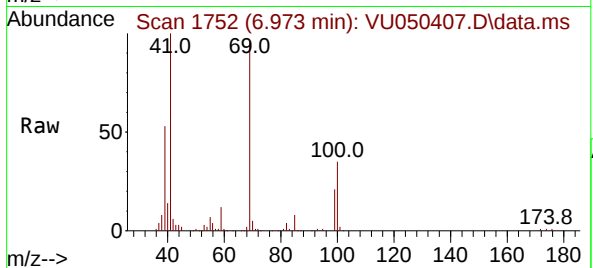
100 36.1 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#48

Ethyl methacrylate

Concen: 9.161 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.003 min

Lab File: VU050407.D

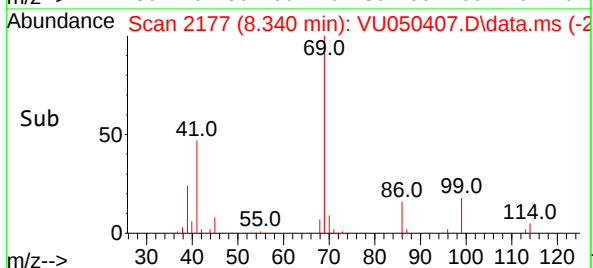
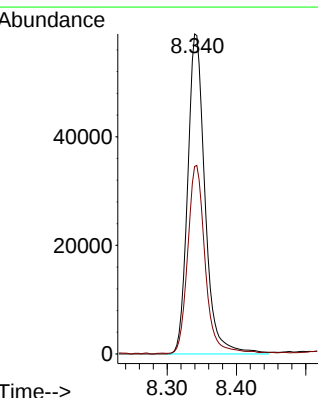
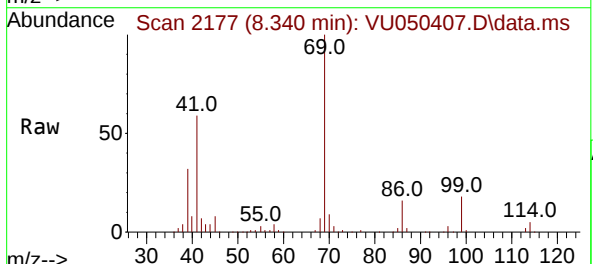
Acq: 22 Aug 2022 19:52

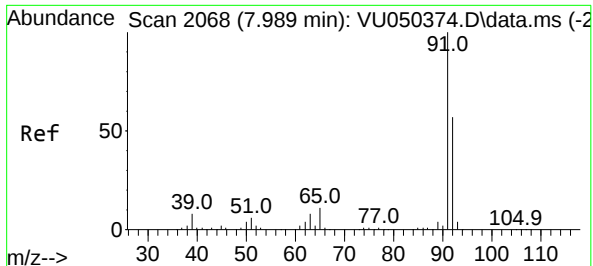
Tgt Ion: 69 Resp: 102689

Ion Ratio Lower Upper

69 100

41 58.4 32.3 96.9





#49

Toluene

Concen: 11.861 ug/l

RT: 7.970 min Scan# 2068

Delta R.T. -0.000 min

Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 92 Resp: 292700

Ion Ratio Lower Upper

92 100

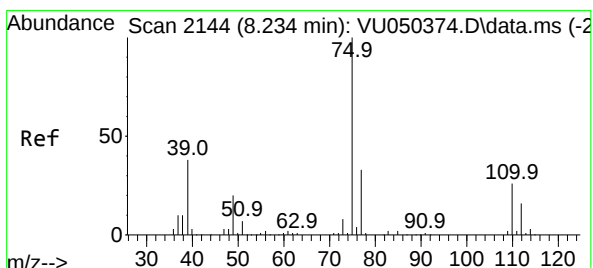
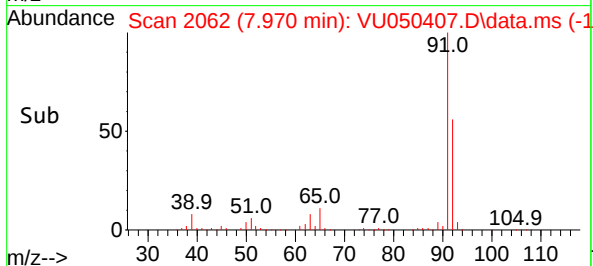
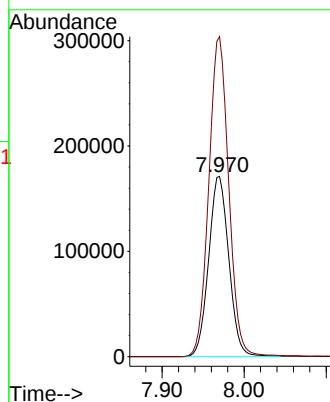
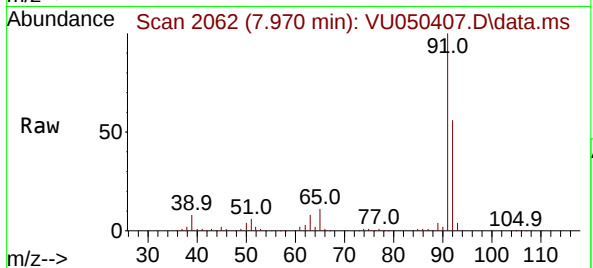
91 175.6 138.6 207.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#50

t-1,3-Dichloropropene

Concen: 10.846 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU050407.D

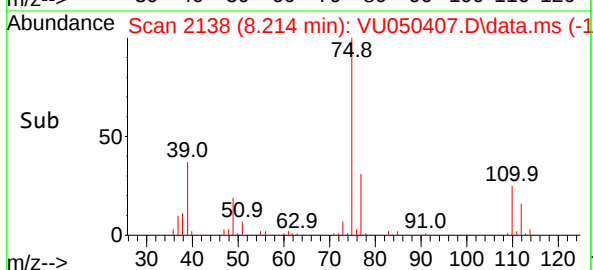
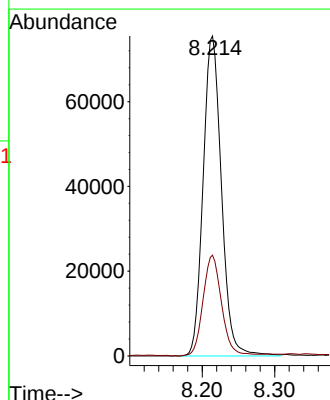
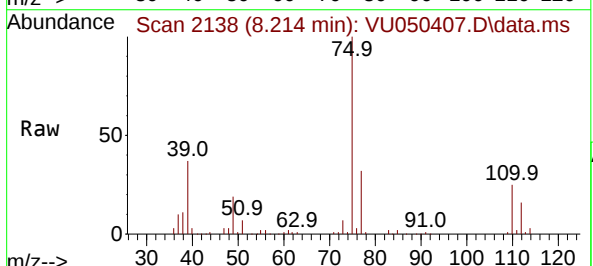
Acq: 22 Aug 2022 19:52

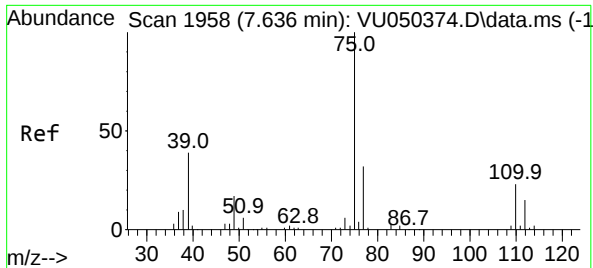
Tgt Ion: 75 Resp: 132437

Ion Ratio Lower Upper

75 100

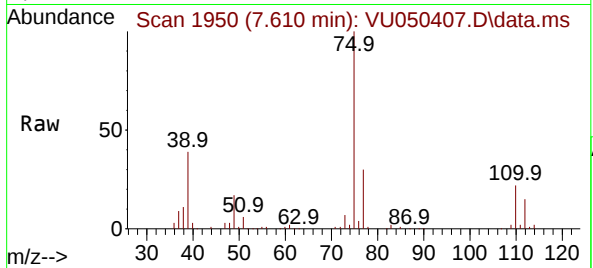
77 31.5 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 10.776 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU050407.D
 Acq: 22 Aug 2022 19:52

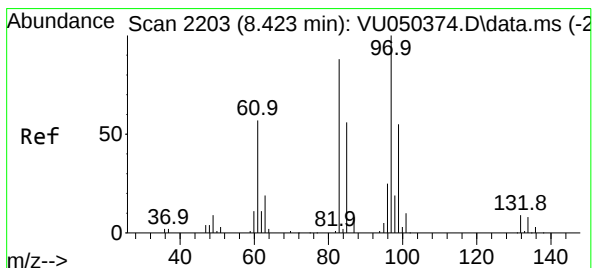
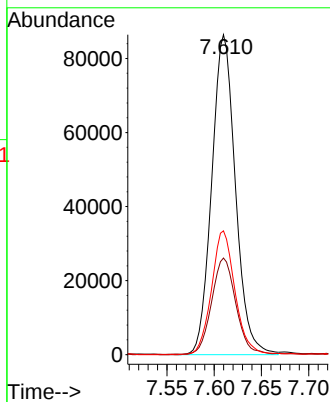
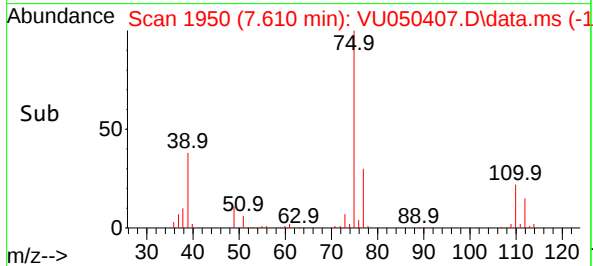
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 150640
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.0
 39 38.7 35.1 52.7

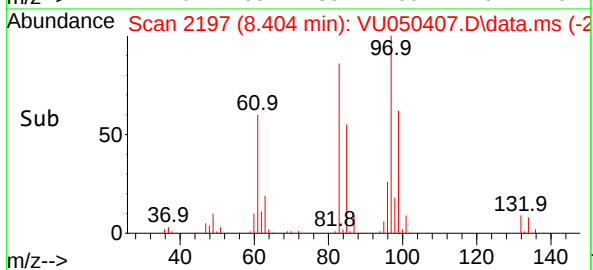
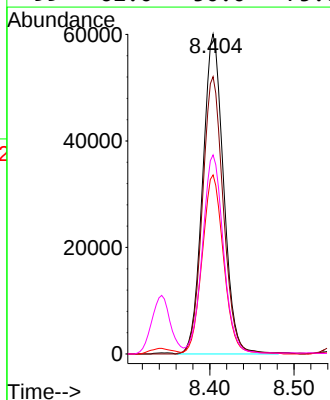
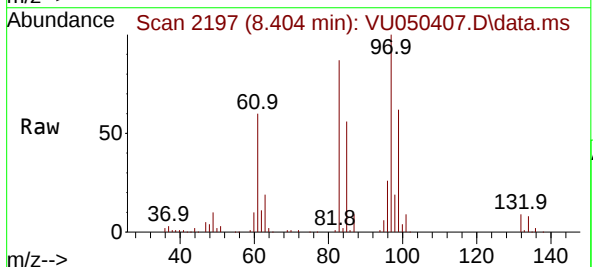
Manual Integrations
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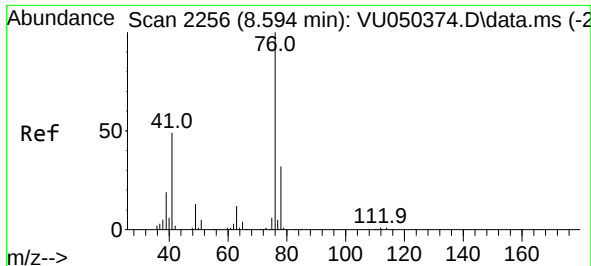
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#52
 1,1,2-Trichloroethane
 Concen: 10.611 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.003 min
 Lab File: VU050407.D
 Acq: 22 Aug 2022 19:52

Tgt Ion: 97 Resp: 103640
 Ion Ratio Lower Upper
 97 100
 83 86.4 70.6 106.0
 85 55.7 46.2 69.4
 99 62.0 50.0 75.0





#53

1,3-Dichloropropane

Concen: 11.087 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 17054

Ion Ratio Lower Upper

76 100

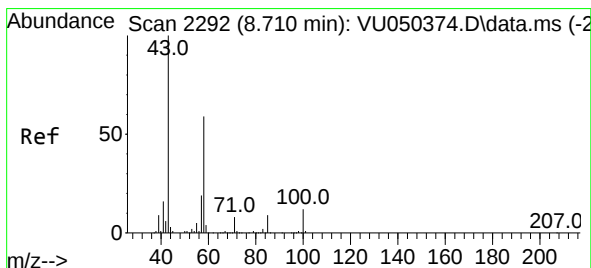
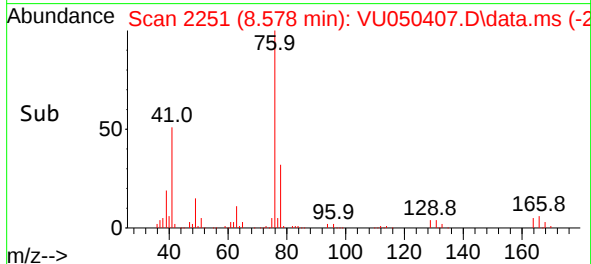
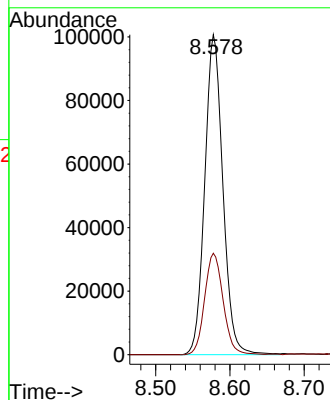
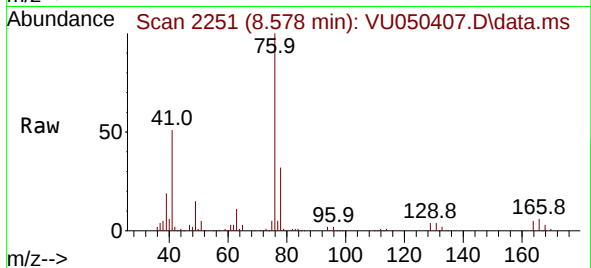
78 32.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#54

2-Hexanone

Concen: 58.924 ug/l

RT: 8.697 min Scan# 2288

Delta R.T. 0.006 min

Lab File: VU050407.D

Acq: 22 Aug 2022 19:52

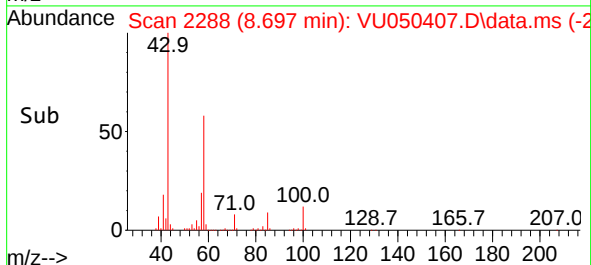
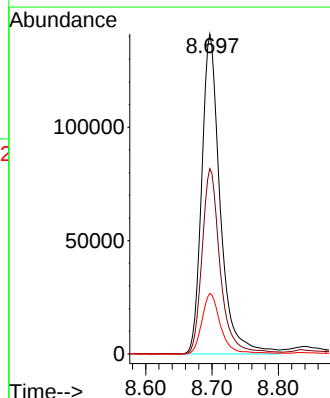
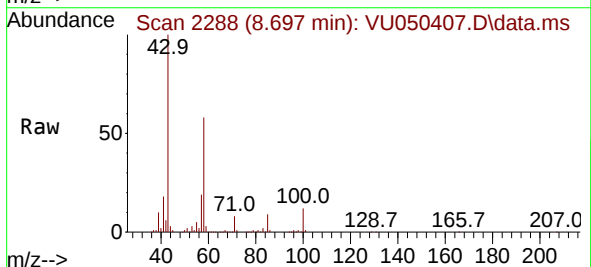
Tgt Ion: 43 Resp: 273747

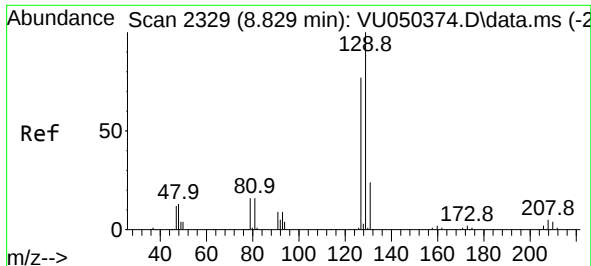
Ion Ratio Lower Upper

43 100

58 57.1 37.1 77.1

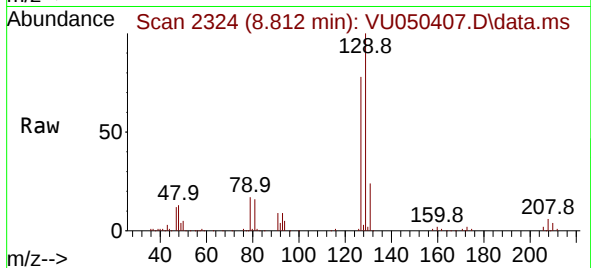
57 18.9 0.0 39.5





#55
Dibromochloromethane
Concen: 10.559 ug/l
RT: 8.812 min Scan# 21345
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

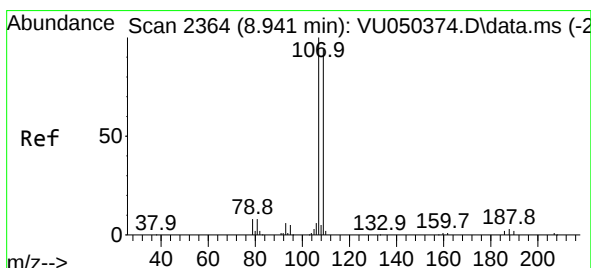
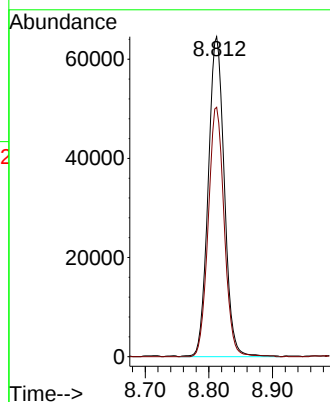
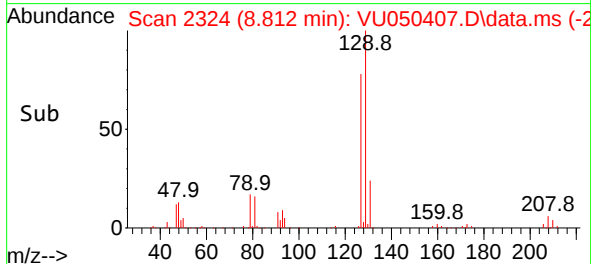
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:129 Resp: 11345
Ion Ratio Lower Upper
129 100
127 77.3 61.2 91.8

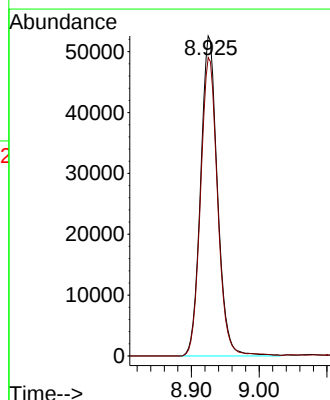
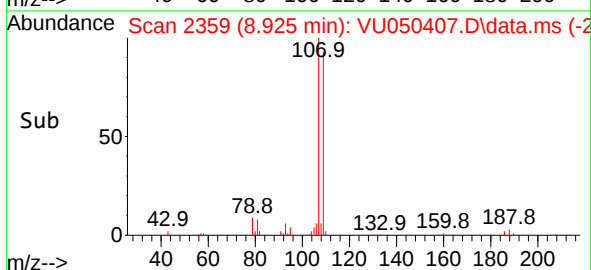
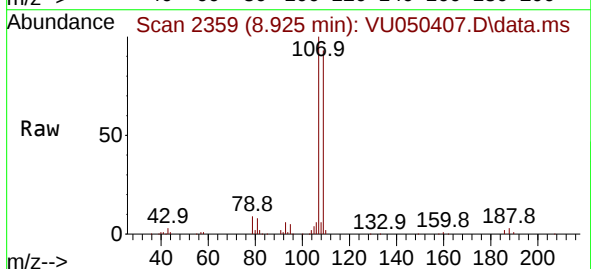
Manual Integrations
APPROVED

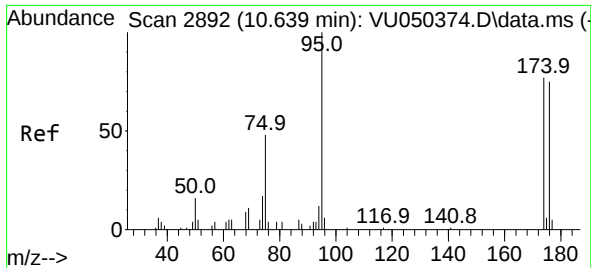
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#56
1,2-Dibromoethane
Concen: 10.380 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

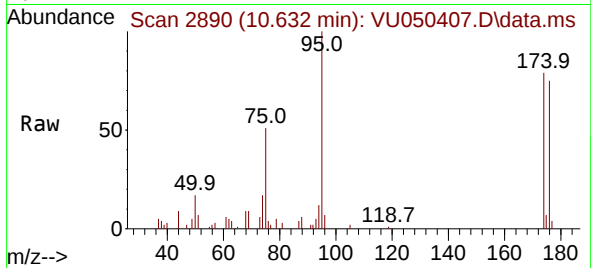
Tgt Ion:107 Resp: 91060
Ion Ratio Lower Upper
107 100
109 93.4 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 1.130 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

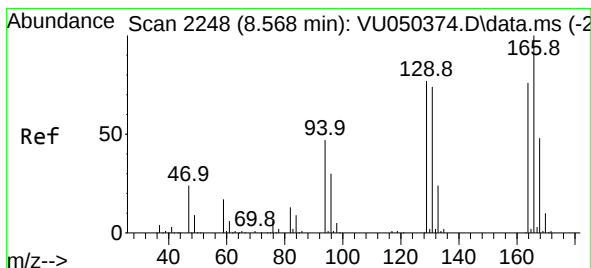
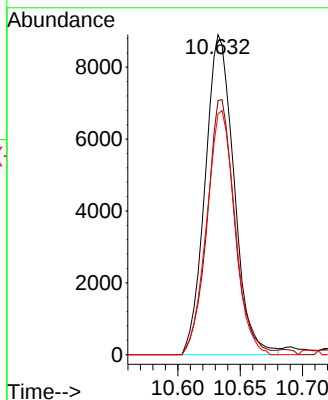
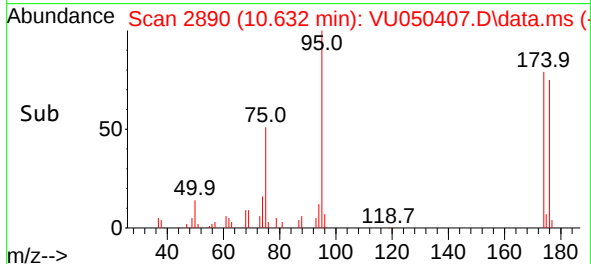
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



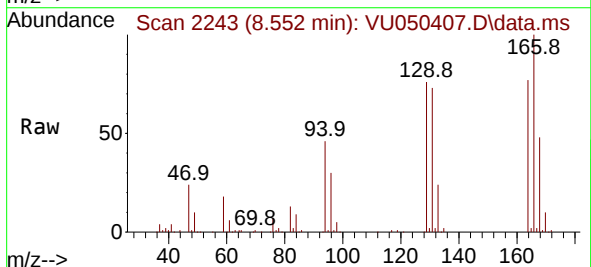
Tgt Ion: 95 Resp: 14314
Ion Ratio Lower Upper
95 100
174 76.6 62.4 93.6
176 75.2 56.2 84.2

Manual Integrations
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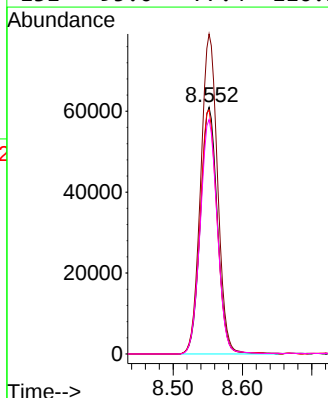
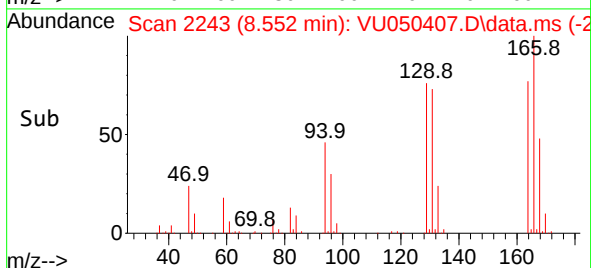
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

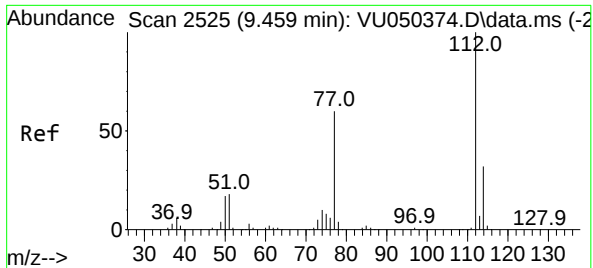


#58
Tetrachloroethene
Concen: 10.033 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



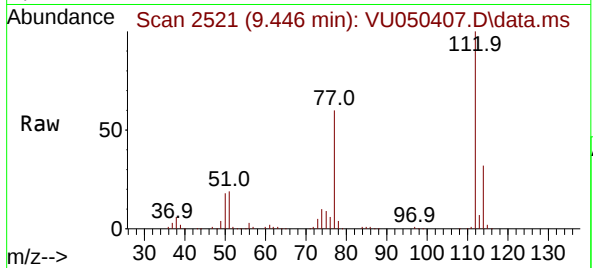
Tgt Ion:164 Resp: 103955
Ion Ratio Lower Upper
164 100
166 129.7 102.4 153.6
129 98.9 79.5 119.3
131 95.0 77.4 116.2





#59
Chlorobenzene
Concen: 11.226 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

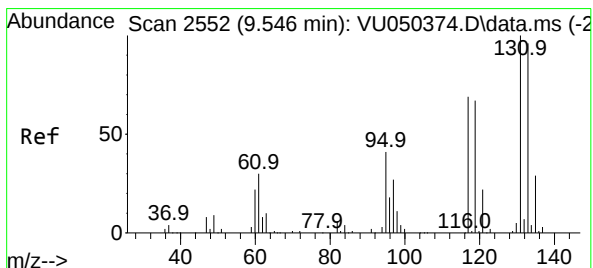
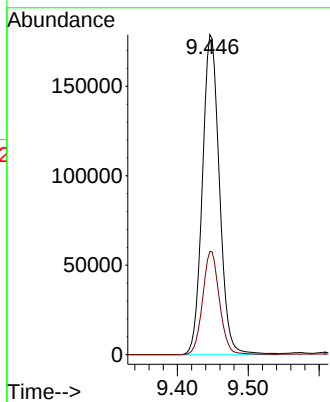
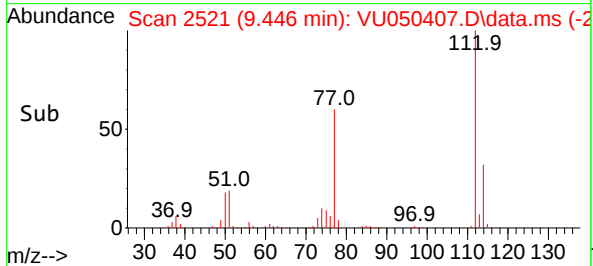
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



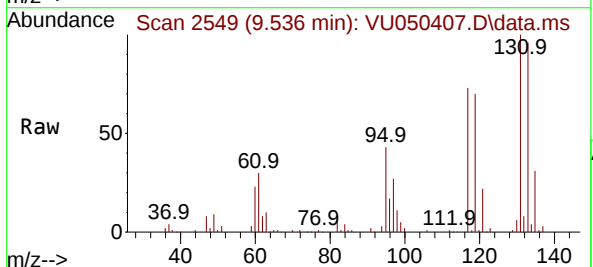
Tgt Ion:112 Resp: 298958
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3

Manual Integrations
APPROVED

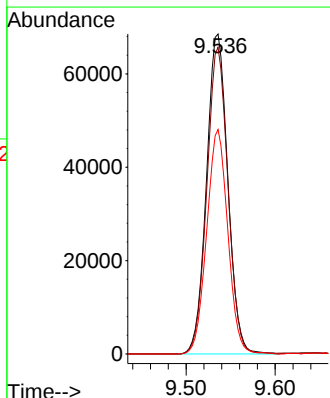
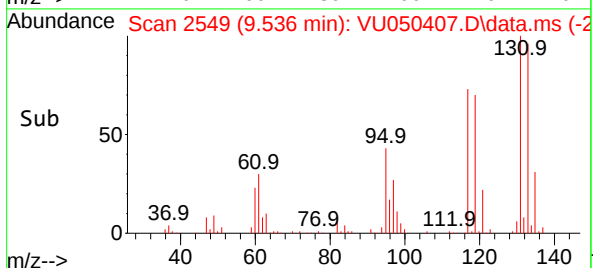
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

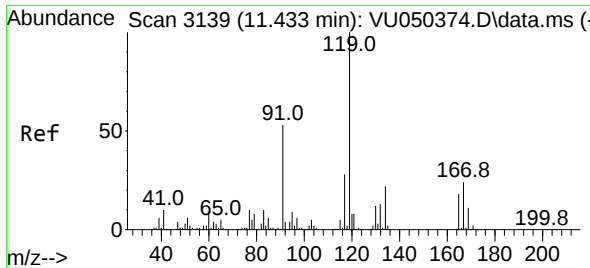


#60
1,1,1,2-Tetrachloroethane
Concen: 10.200 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



Tgt Ion:131 Resp: 114172
Ion Ratio Lower Upper
131 100
133 94.7 78.3 117.5
119 69.4 53.2 79.8





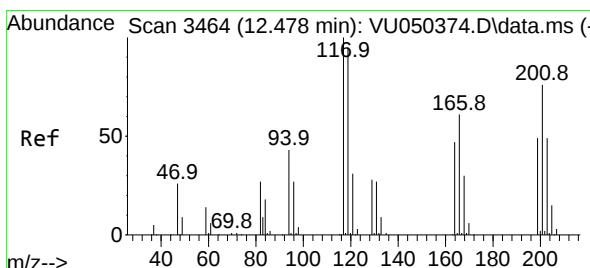
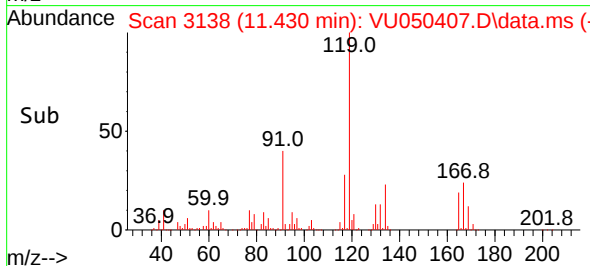
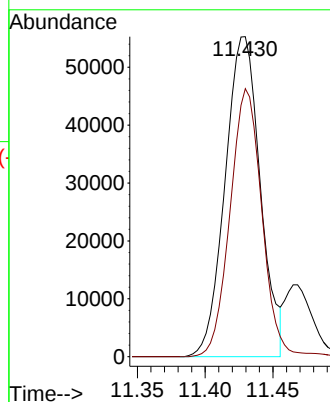
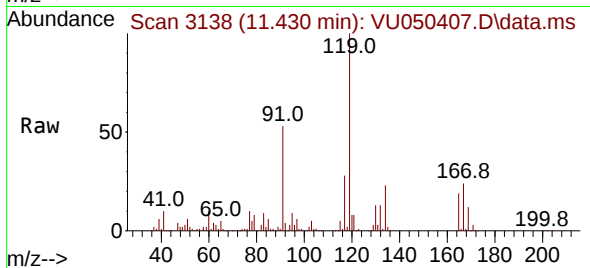
#61
Pentachloroethane
Concen: 10.713 ug/l
RT: 11.430 min Scan# 3139
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 99791
Ion Ratio Lower Upper
117 100
167 76.0 66.2 99.4

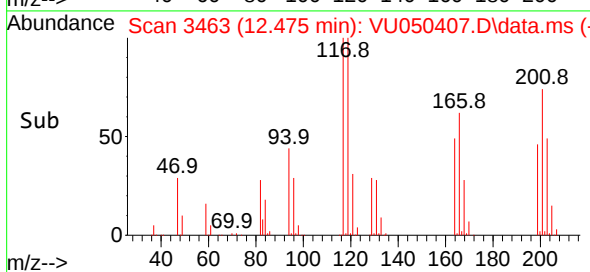
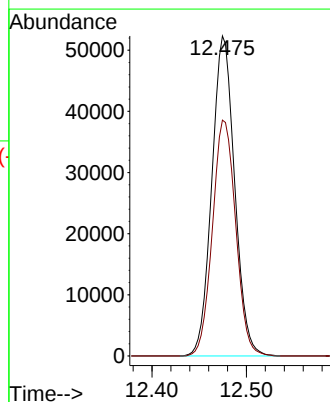
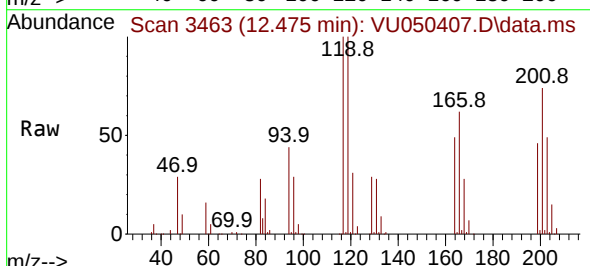
Manual Integrations
APPROVED

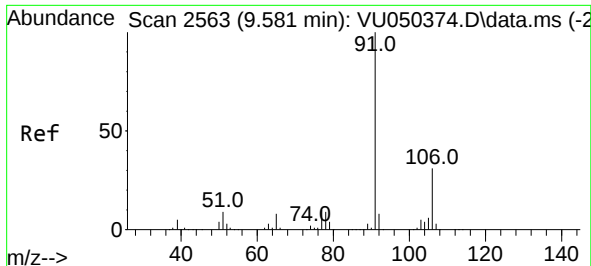
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#62
Hexachloroethane
Concen: 11.330 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

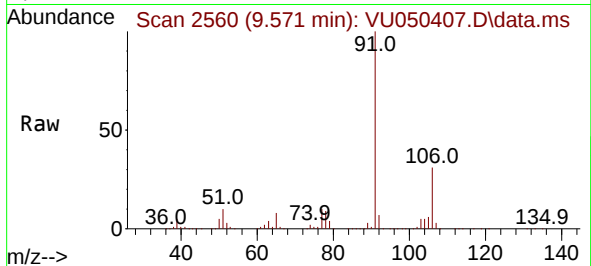
Tgt Ion:117 Resp: 87791
Ion Ratio Lower Upper
117 100
201 75.1 61.0 91.4





#63
Ethyl Benzene
Concen: 9.725 ug/l
RT: 9.571 min Scan# 2563
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

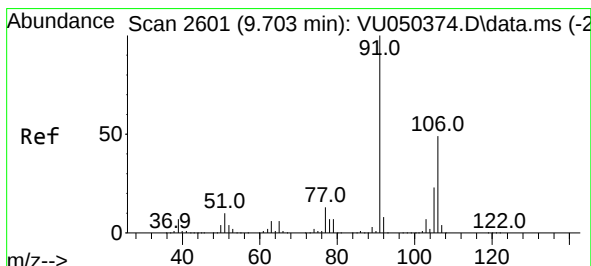
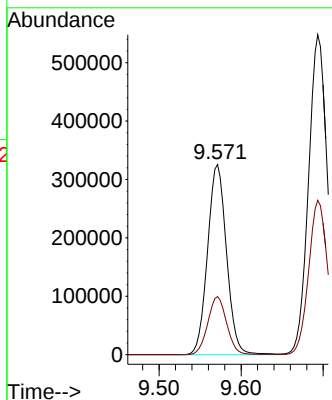
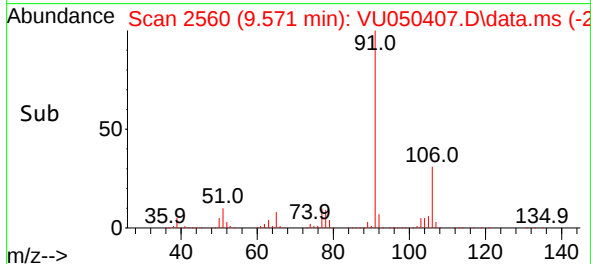
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



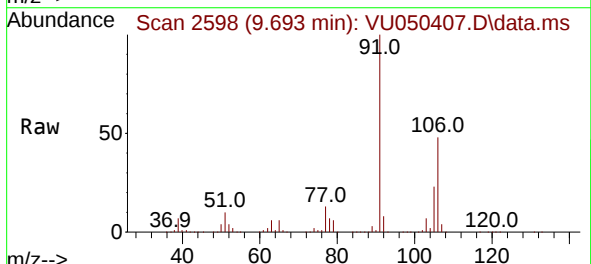
Tgt Ion: 91 Resp: 523120
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

Manual Integrations
APPROVED

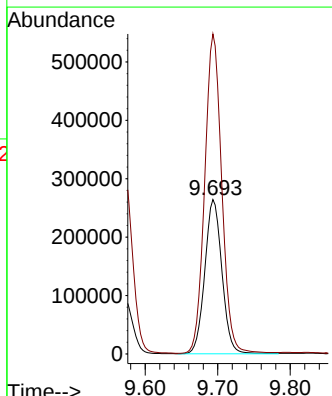
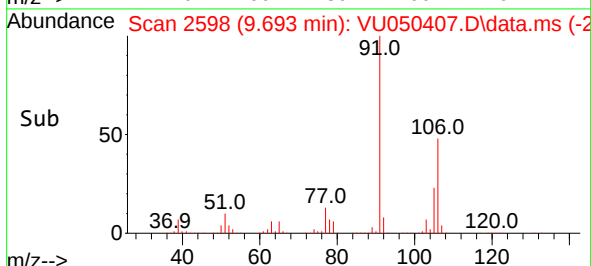
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

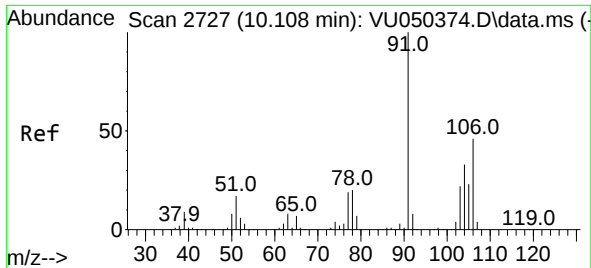


#64
m/p-Xylenes
Concen: 20.207 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



Tgt Ion:106 Resp: 432464
Ion Ratio Lower Upper
106 100
91 206.1 167.8 251.6





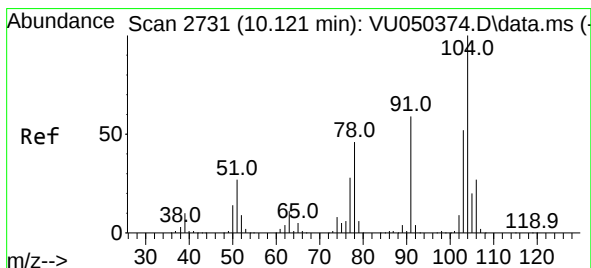
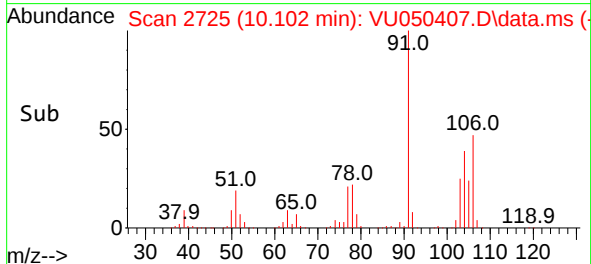
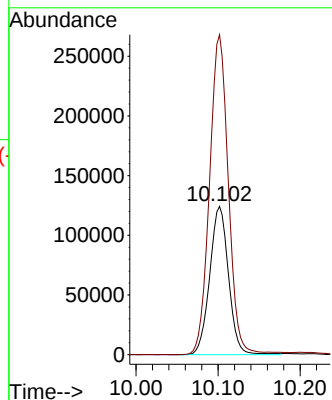
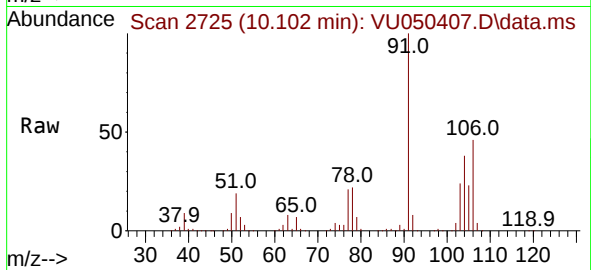
#65
o-Xylene
Concen: 9.939 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 197864
Ion Ratio Lower Upper
106 100
91 215.3 111.1 333.2

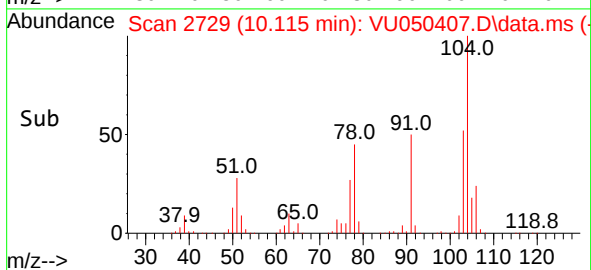
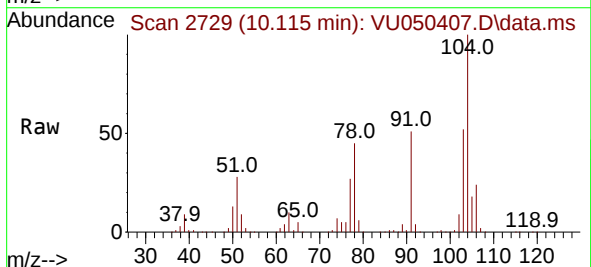
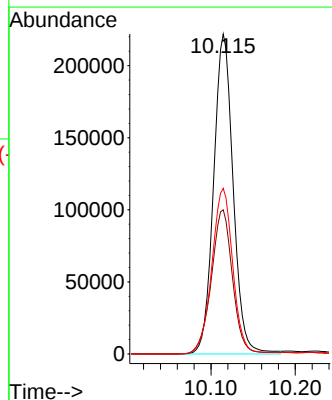
Manual Integrations
APPROVED

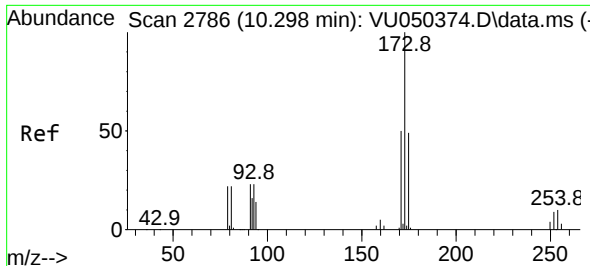
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#66
Styrene
Concen: 10.059 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

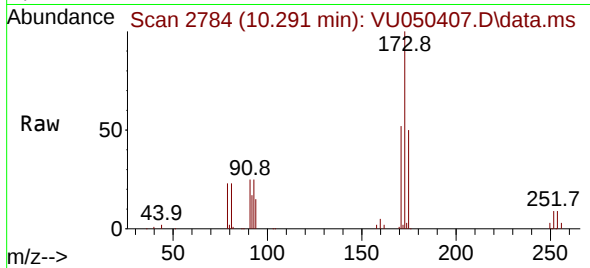
Tgt Ion:104 Resp: 357155
Ion Ratio Lower Upper
104 100
78 49.1 42.1 63.1
103 55.6 44.5 66.7





#67
Bromoform
Concen: 10.523 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

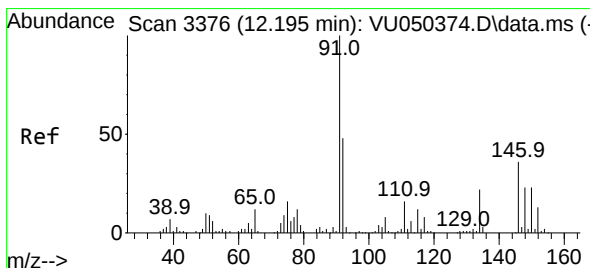
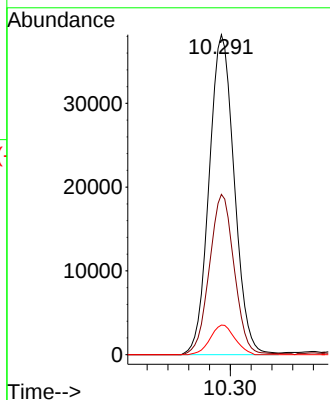
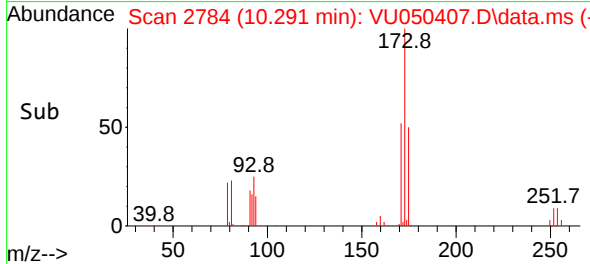
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



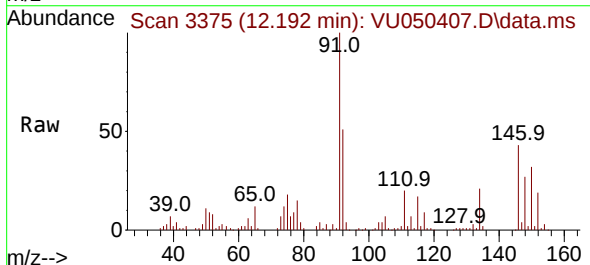
Tgt Ion:173 Resp: 64209
Ion Ratio Lower Upper
173 100
175 49.5 38.4 57.6
254 9.1 7.7 11.5

Manual Integrations
APPROVED

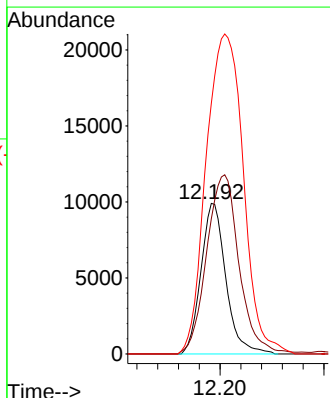
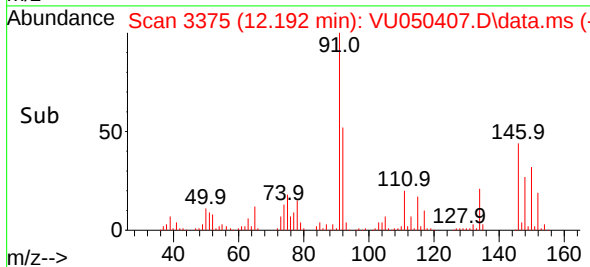
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

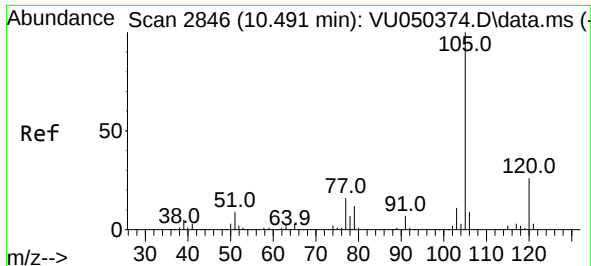


#68
1,2-Dichlorobenzene-d4
Concen: 1.101 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. -0.003 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



Tgt Ion:152 Resp: 16495
Ion Ratio Lower Upper
152 100
115 154.7 0.0 254.6
150 316.8 0.0 623.6





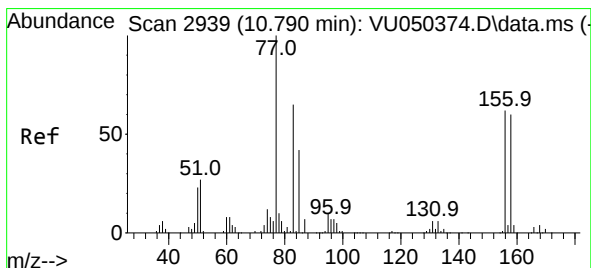
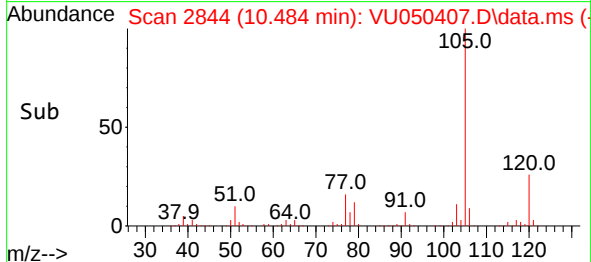
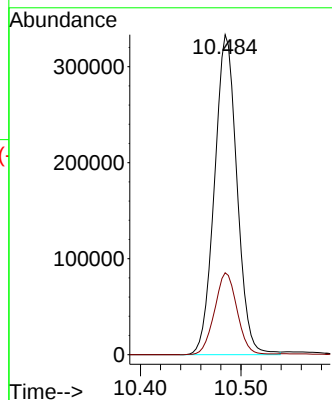
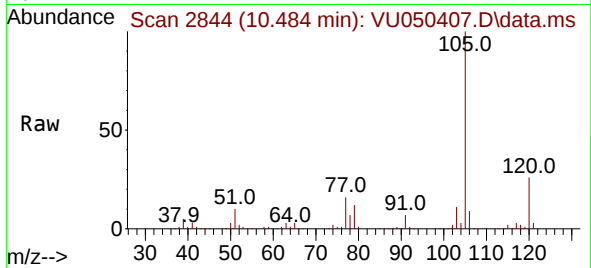
#69
Isopropylbenzene
Concen: 9.845 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 51776
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8

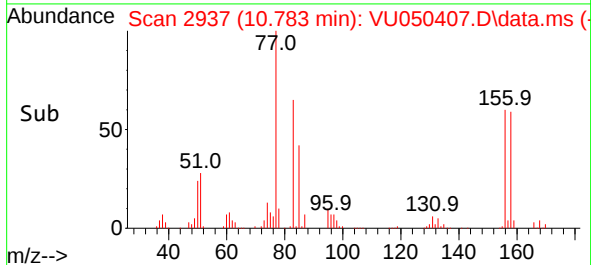
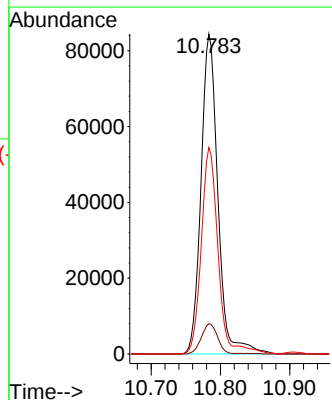
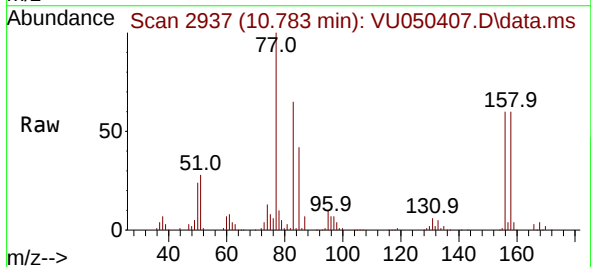
Manual Integrations
APPROVED

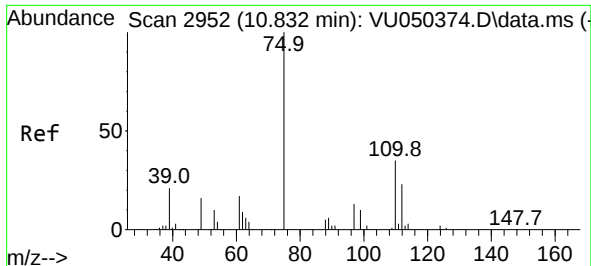
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 10.611 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

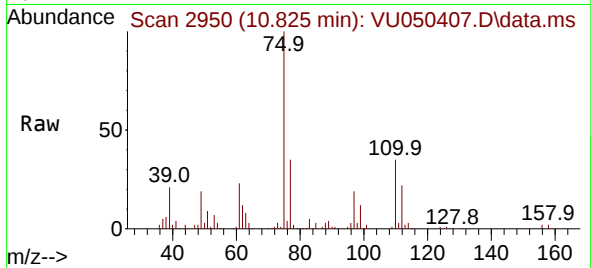
Tgt Ion: 83 Resp: 142635
Ion Ratio Lower Upper
83 100
131 9.1 7.7 11.5
85 61.7 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 10.229 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

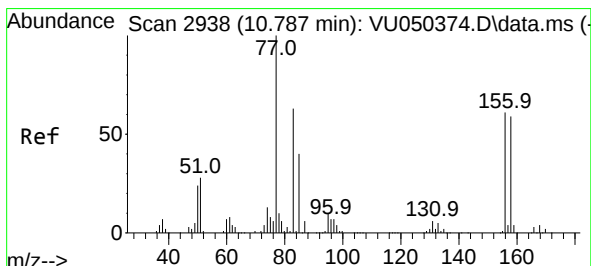
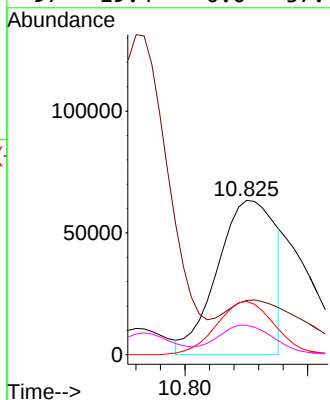
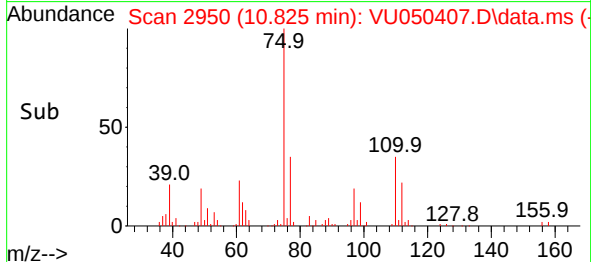
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



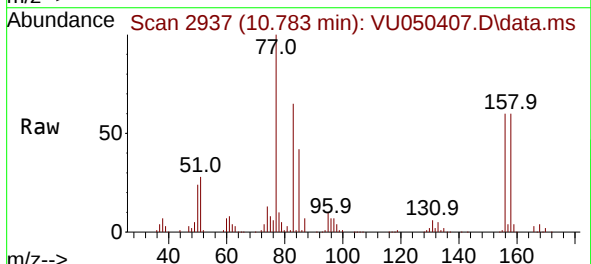
Tgt Ion: 75 Resp: 10340
Ion Ratio Lower Upper
75 100
77 49.0 0.0 112.4
110 35.2 0.0 70.6
97 19.4 0.0 37.4

Manual Integrations
APPROVED

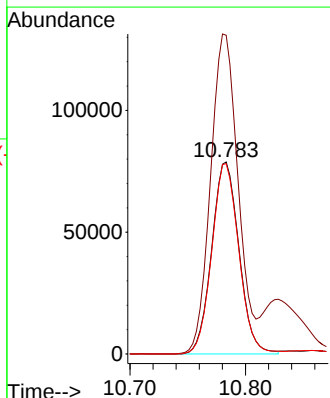
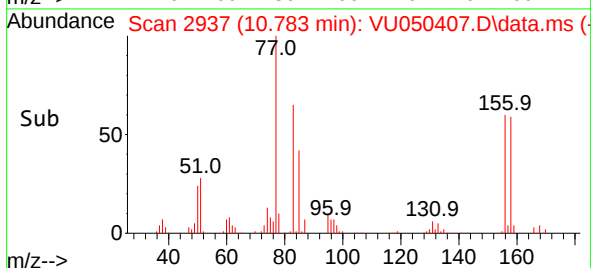
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

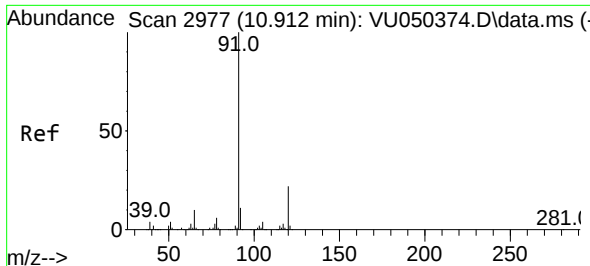


#72
Bromobenzene
Concen: 11.258 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



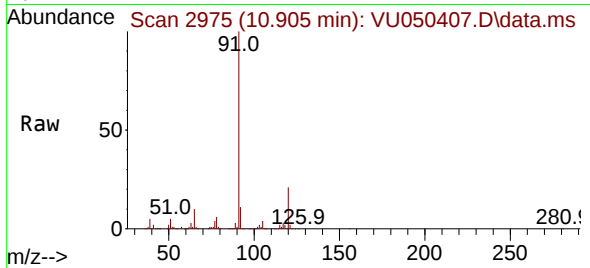
Tgt Ion:156 Resp: 129427
Ion Ratio Lower Upper
156 100
77 167.3 0.0 344.4
158 98.4 0.0 192.2





#73
n-propylbenzene
Concen: 9.877 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

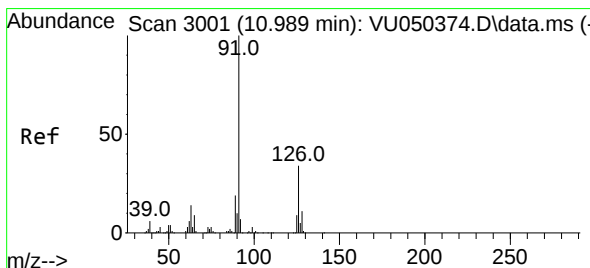
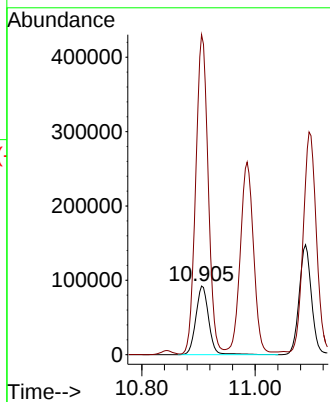
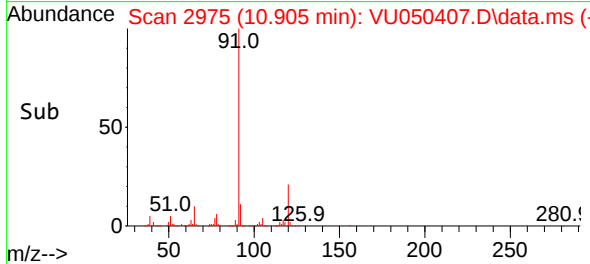
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:120 Resp: 145083
Ion Ratio Lower Upper
120 100
91 451.6 367.8 551.6

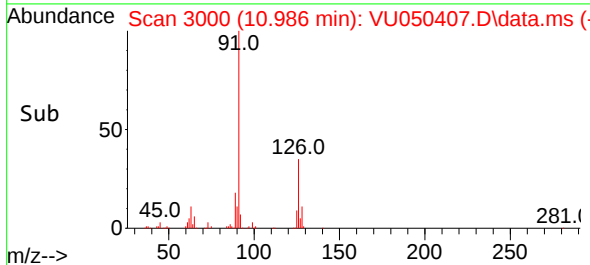
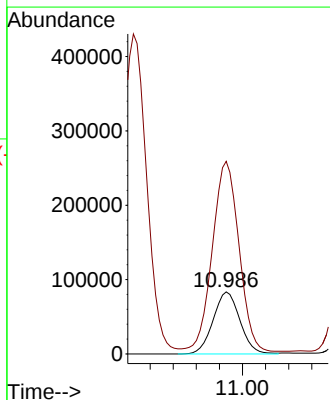
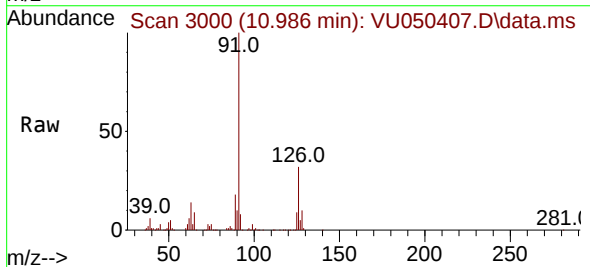
Manual Integrations
APPROVED

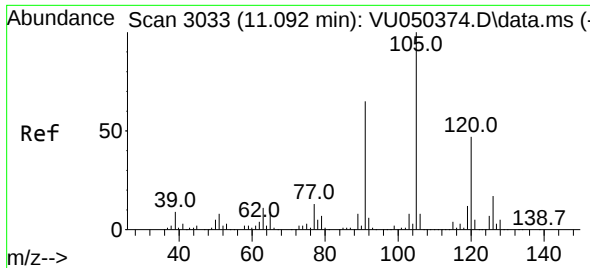
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#74
2-Chlorotoluene
Concen: 10.087 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

Tgt Ion:126 Resp: 134308
Ion Ratio Lower Upper
126 100
91 305.8 0.0 620.6





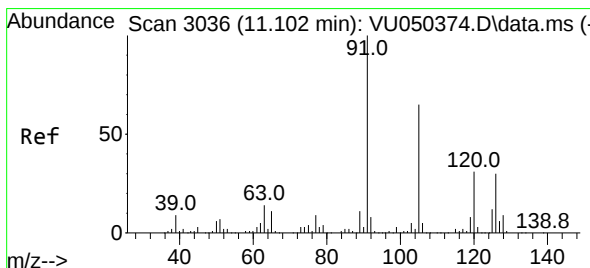
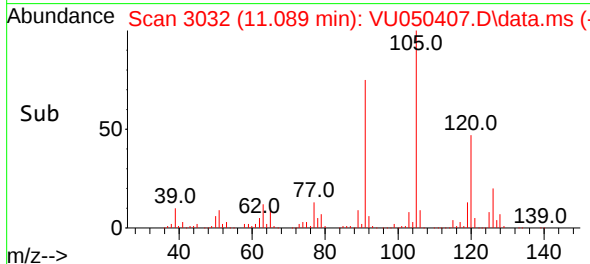
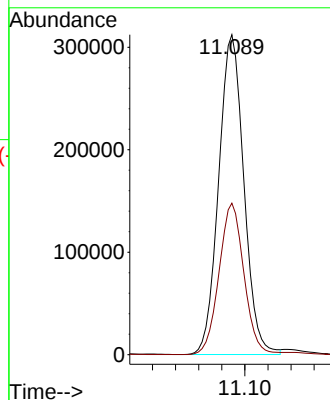
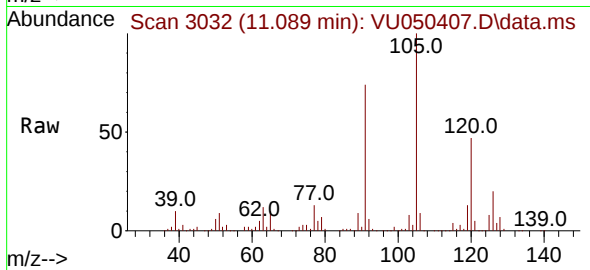
#75
1,3,5-Trimethylbenzene
Concen: 10.041 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 47278
Ion Ratio Lower Upper
105 100
120 47.6 37.6 56.4

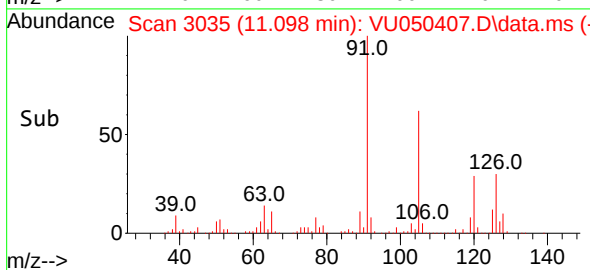
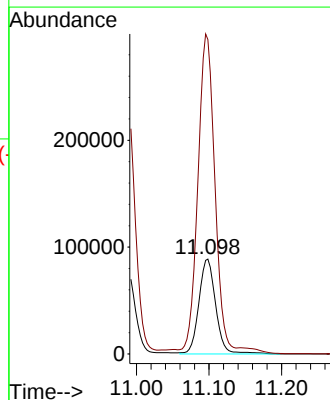
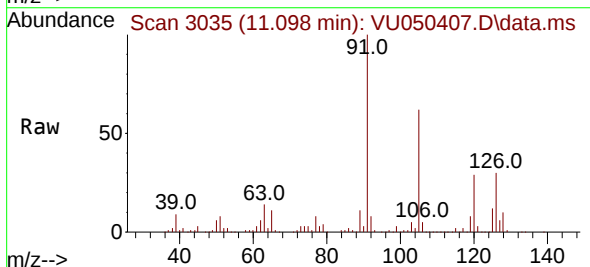
Manual Integrations
APPROVED

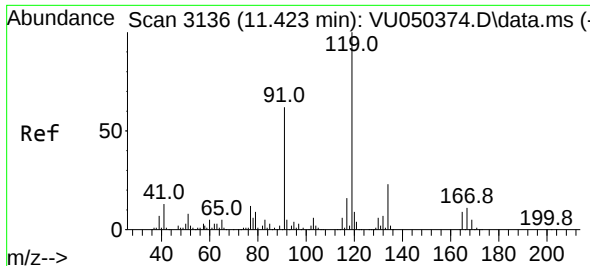
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#76
4-Chlorotoluene
Concen: 10.299 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

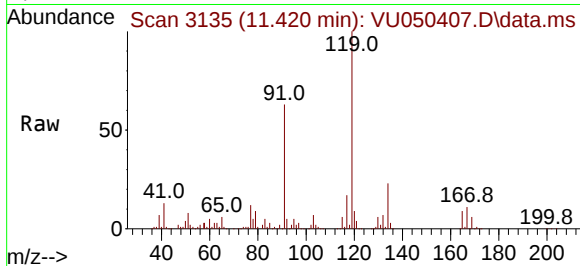
Tgt Ion:126 Resp: 143157
Ion Ratio Lower Upper
126 100
91 327.2 0.0 738.8





#77
tert-Butylbenzene
Concen: 9.807 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

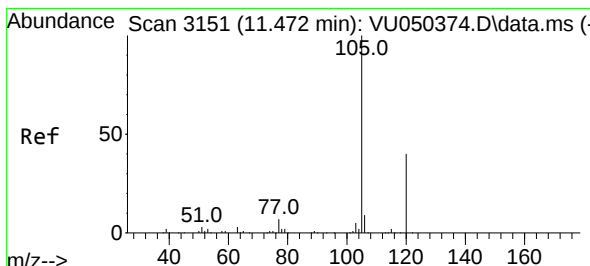
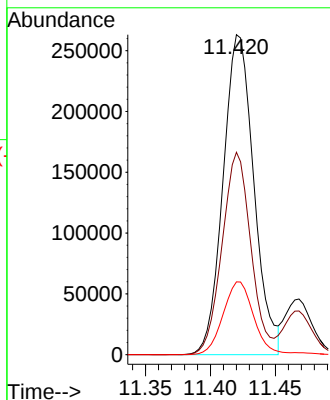
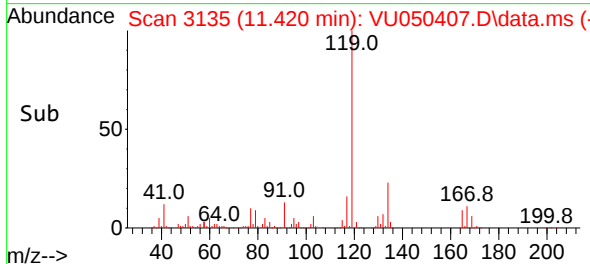
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



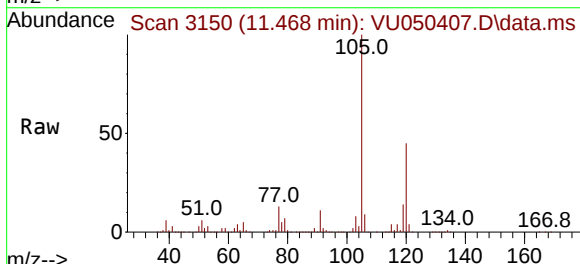
Tgt Ion:119 Resp: 43423
Ion Ratio Lower Upper
119 100
91 59.4 30.4 91.3
134 23.1 17.8 26.6

Manual Integrations
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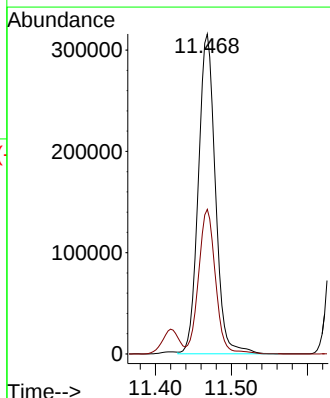
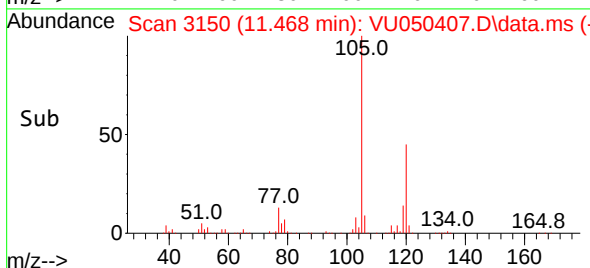
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

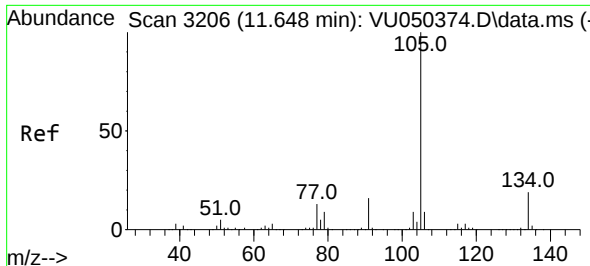


#78
1,2,4-Trimethylbenzene
Concen: 9.970 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



Tgt Ion:105 Resp: 490832
Ion Ratio Lower Upper
105 100
120 45.0 21.6 65.0





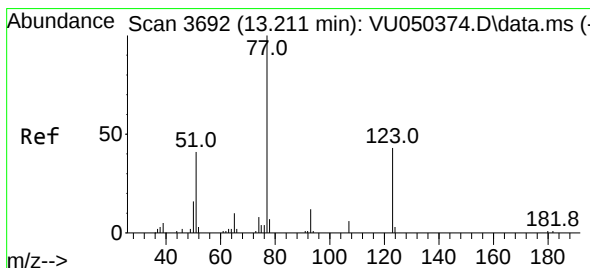
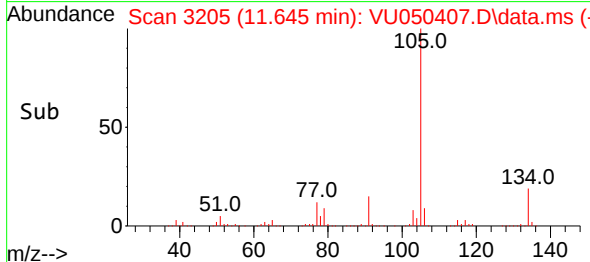
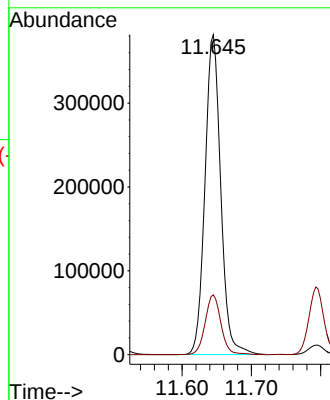
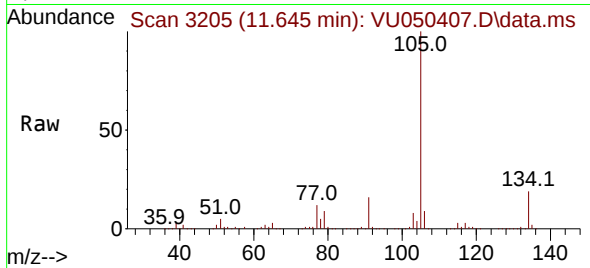
#79
 sec-Butylbenzene
 Concen: 9.898 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.000 min
 Lab File: VU050407.D
 Acq: 22 Aug 2022 19:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:105 Resp: 600118
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.4 23.0

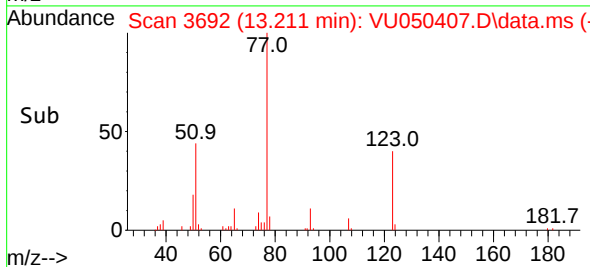
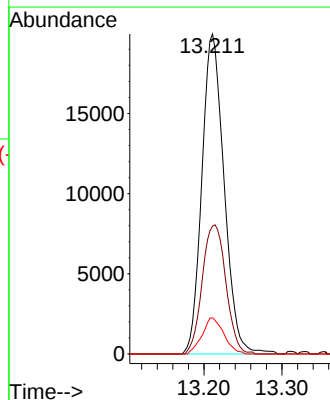
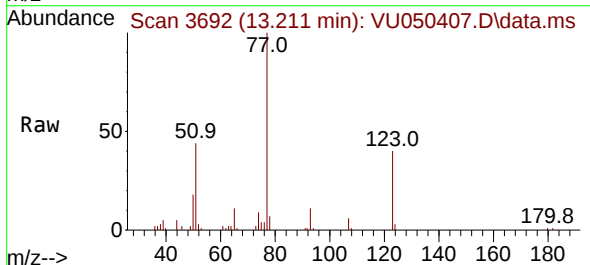
Manual Integrations
 APPROVED

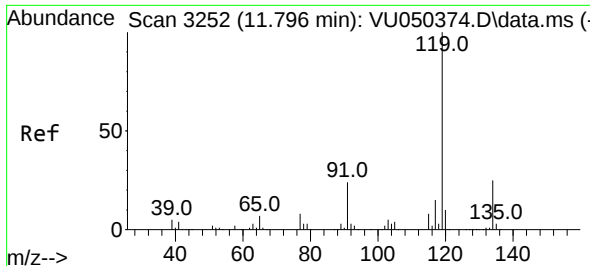
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#80
 Nitrobenzene
 Concen: 54.232 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU050407.D
 Acq: 22 Aug 2022 19:52

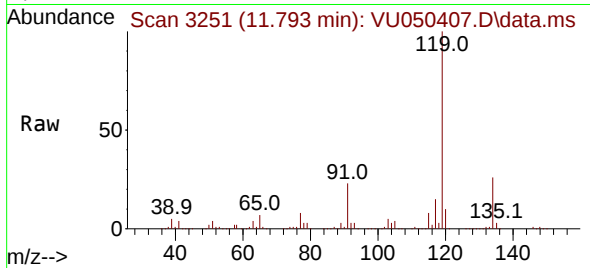
Tgt Ion: 77 Resp: 39548
 Ion Ratio Lower Upper
 77 100
 123 42.8 18.1 64.3
 65 11.0 10.8 13.8





#81
p-Isopropyltoluene
Concen: 9.794 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

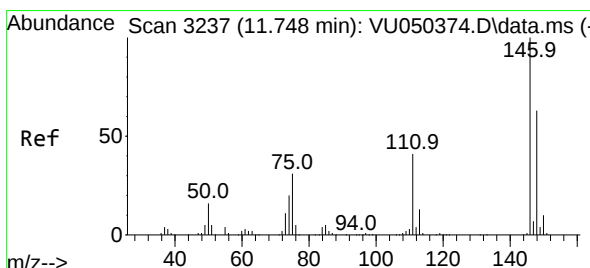
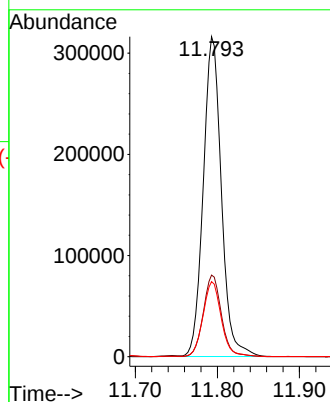
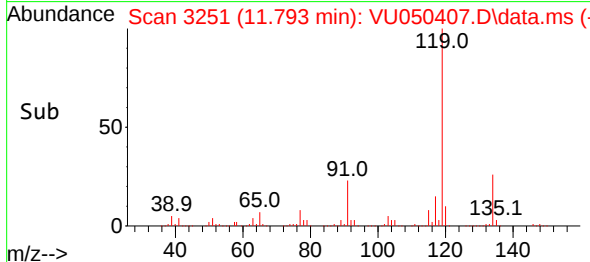
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



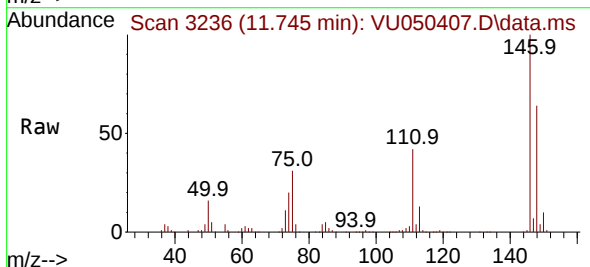
Tgt Ion:119 Resp: 484728
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 23.5 19.8 29.6

Manual Integrations
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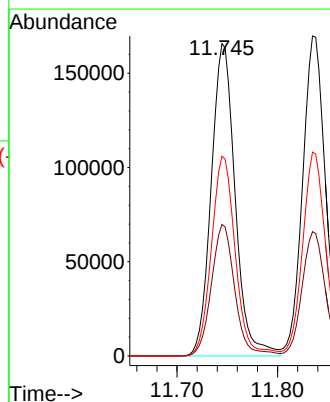
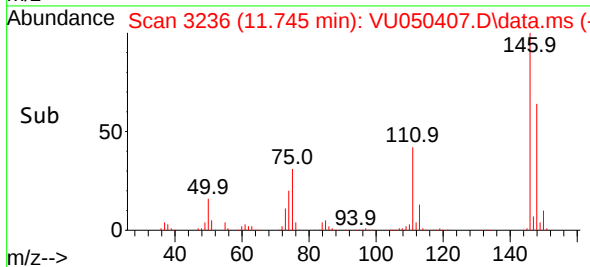
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

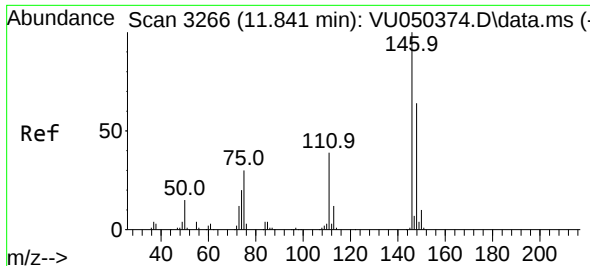


#82
1,3-Dichlorobenzene
Concen: 11.581 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



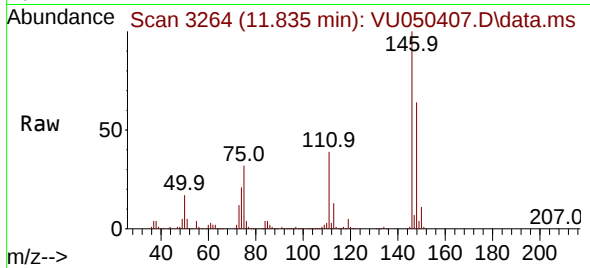
Tgt Ion:146 Resp: 274151
Ion Ratio Lower Upper
146 100
111 41.2 33.4 50.2
148 64.0 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 11.727 ug/l
RT: 11.835 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

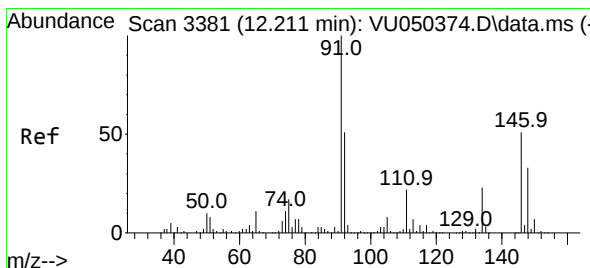
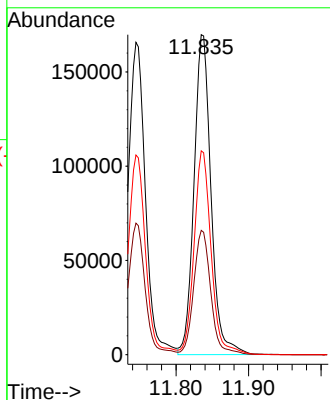
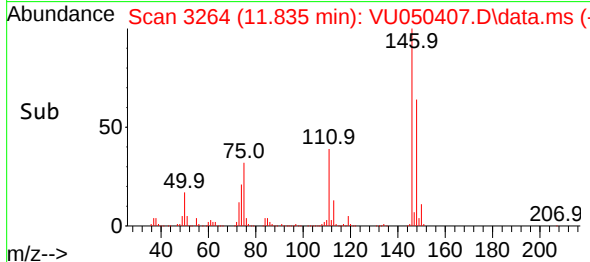
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



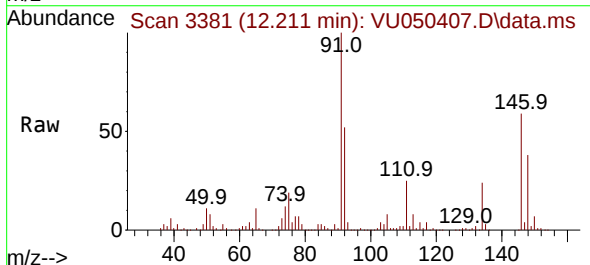
Tgt Ion:146 Resp: 275999
Ion Ratio Lower Upper
146 100
111 39.0 32.6 49.0
148 64.2 51.6 77.4

Manual Integrations
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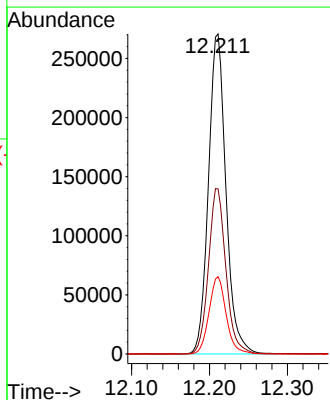
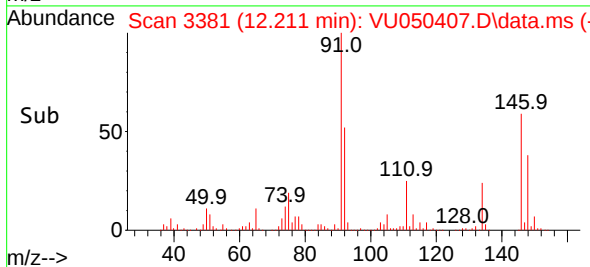
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

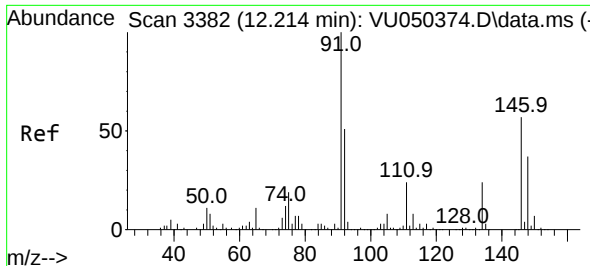


#84
n-Butylbenzene
Concen: 9.349 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



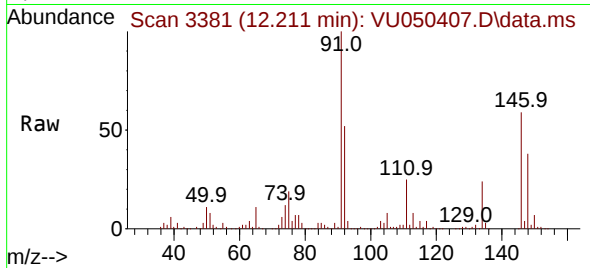
Tgt Ion: 91 Resp: 422104
Ion Ratio Lower Upper
91 100
92 51.6 42.3 63.5
134 23.6 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 11.545 ug/l
RT: 12.211 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

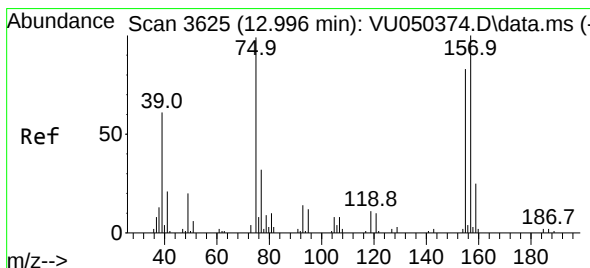
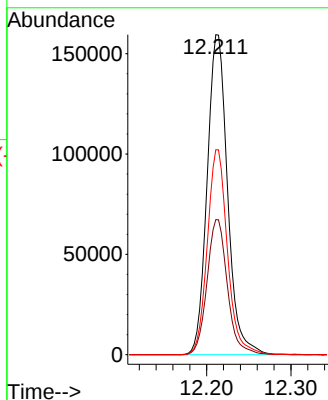
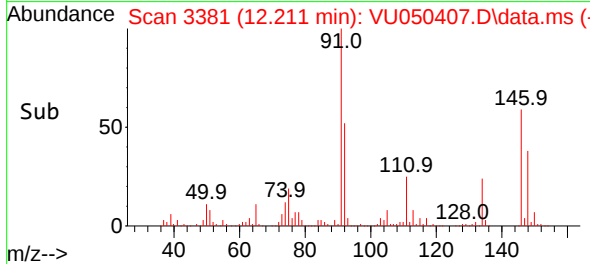
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



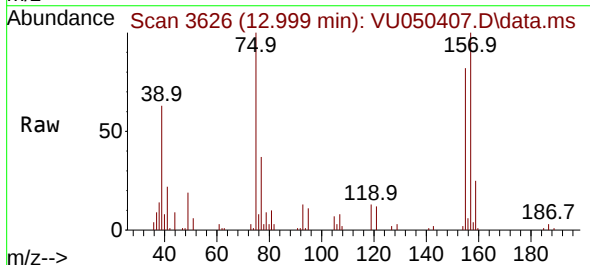
Tgt Ion:146 Resp: 268664
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.1
148 63.3 32.1 96.3

Manual Integrations
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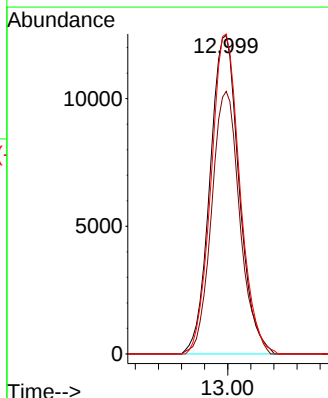
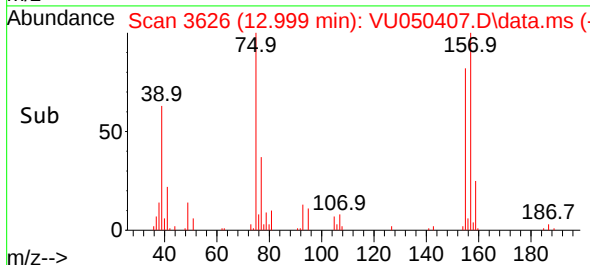
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.291 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



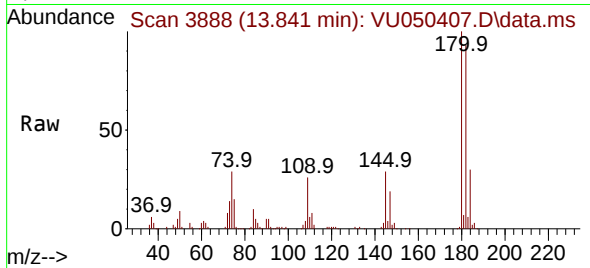
Tgt Ion: 75 Resp: 21828
Ion Ratio Lower Upper
75 100
155 79.9 66.8 100.2
157 99.1 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 11.352 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

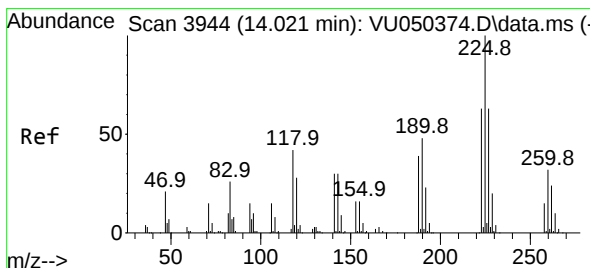
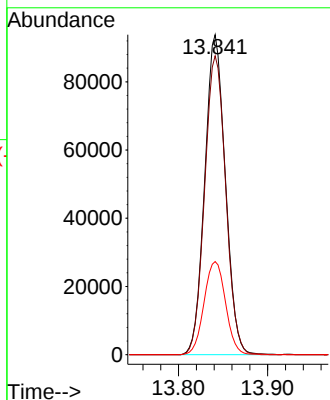
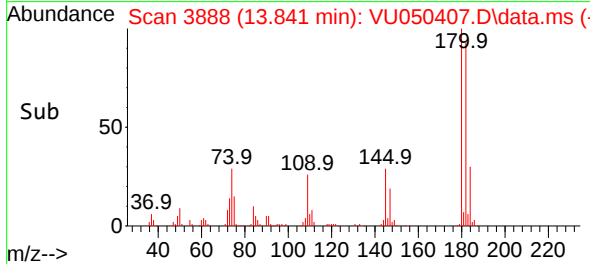
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



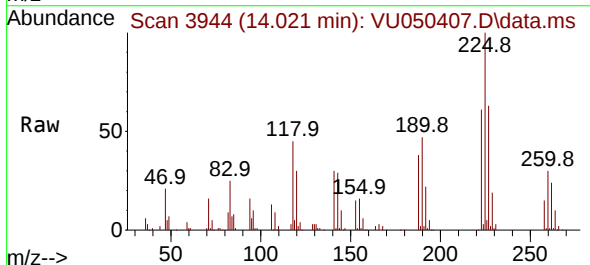
Tgt Ion:180 Resp: 150730
Ion Ratio Lower Upper
180 100
182 95.5 77.0 115.6
145 30.3 25.7 38.5

Manual Integrations
APPROVED

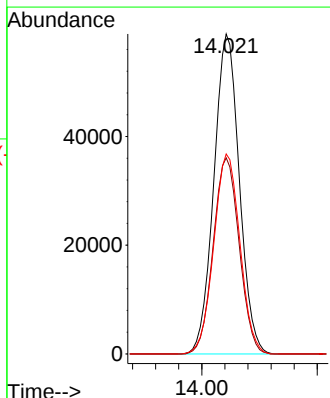
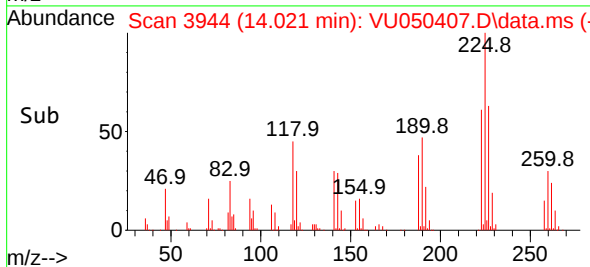
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

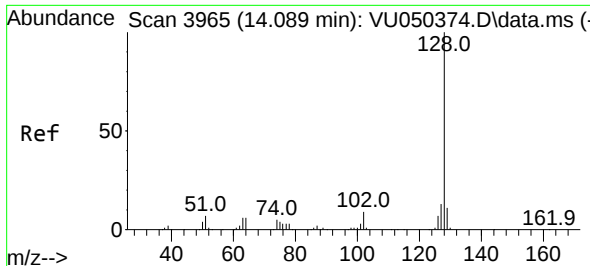


#88
Hexachlorobutadiene
Concen: 10.417 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



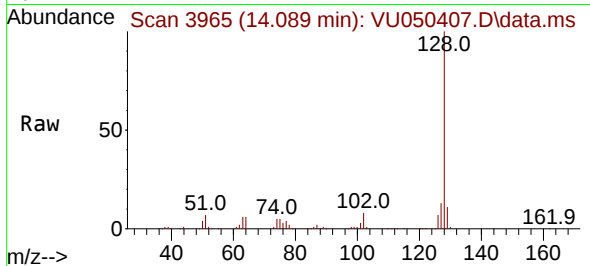
Tgt Ion:225 Resp: 90021
Ion Ratio Lower Upper
225 100
223 62.5 50.6 76.0
227 64.2 50.7 76.1





#89
Naphthalene
Concen: 8.674 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52

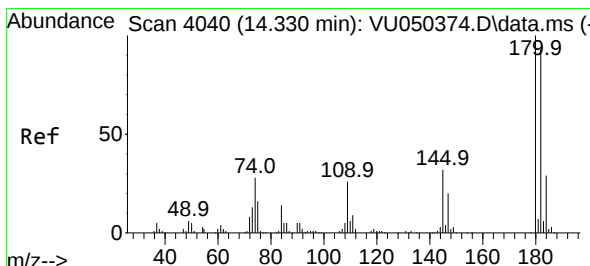
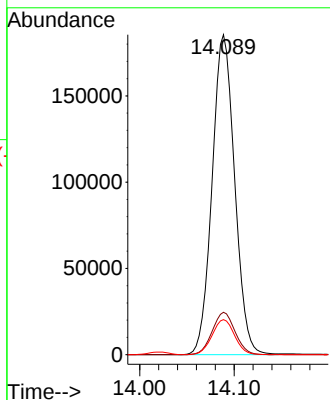
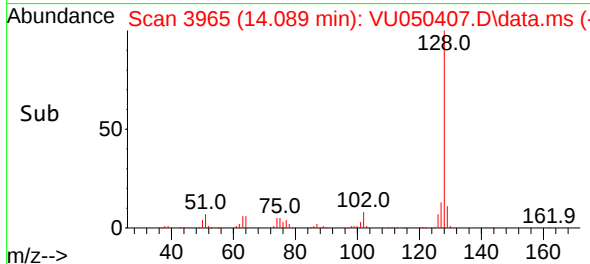
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



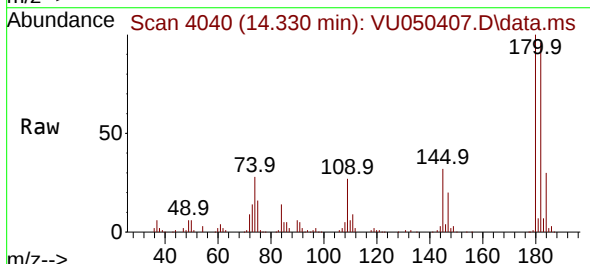
Tgt Ion:128 Resp: 30723
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#90
1,2,3-Trichlorobenzene
Concen: 9.367 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050407.D
Acq: 22 Aug 2022 19:52



Tgt Ion:180 Resp: 160123
Ion Ratio Lower Upper
180 100
182 95.9 76.6 114.8
145 32.5 27.3 40.9

