

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091622\
 Data File : VU050721.D
 Acq On : 16 Sep 2022 11:32
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 17 01:02:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	53195	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	21174	1.169	ug/l	0.00
Spiked Amount 1.000			Recovery	=	117.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	19731	0.922	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	218817	9.932	ug/l	100
3) Chloromethane	1.520	50	214360	7.999	ug/l	99
4) Vinyl Chloride	1.604	62	211513	9.236	ug/l	98
5) Bromomethane	1.854	94	108667	11.596	ug/l	97
6) Chloroethane	1.932	64	121050	8.740	ug/l	99
7) Trichlorofluoromethane	2.141	101	249171	8.720	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	139709	8.742	ug/l	95
9) 1,1-Dichloroethene	2.581	96	135966	8.679	ug/l	100
10) Iodomethane	2.723	142	162516	12.580	ug/l	99
11) Allyl Chloride	2.922	41	222605	9.218	ug/l	94
12) Acrylonitrile	3.314	53	73883	15.724	ug/l	97
13) Acetone	2.623	43	153452	46.695	ug/l	94
14) Carbon Disulfide	2.793	76	380396	7.838	ug/l	100
15) Methylene Chloride	3.044	84	172654	8.145	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	140426	8.673	ug/l	100
17) 1,1-Dichloroethane	3.867	63	316430	9.383	ug/l	99
18) 2-Butanone	4.710	43	244767	47.355	ug/l	98
19) Cyclohexane	5.385	56	239460m	9.784	ug/l	
20) Methylcyclohexane	6.764	83	239887	12.435	ug/l	98
21) 2,2-Dichloropropane	4.665	77	244254	9.529	ug/l	99
22) cis-1,2-Dichloroethene	4.668	96	181764	9.923	ug/l	99
23) Diethyl Ether	2.378	59	118536	8.808	ug/l	99
24) tert-Butyl Alcohol	3.186	59	139011	81.613	ug/l	98
25) Methyl tert-Butyl Ether	3.369	73	362109	8.701	ug/l	97
26) Bromochloromethane	4.973	128	78837	10.726	ug/l	98
27) Chloroform	5.089	83	321054	9.824	ug/l	97
28) 1,1,1-Trichloroethane	5.314	97	262770	9.423	ug/l	99
29) 1,1-Dichloropropene	5.526	75	224012	10.028	ug/l	99
30) Carbon Tetrachloride	5.523	117	216580	9.702	ug/l	99
31) Isopropyl Ether	3.999	45	453428	8.665	ug/l	91
32) Ethyl-t-butyl ether	4.507	59	399285	9.713	ug/l	100
33) Tert-Amyl methyl ether	5.944	73	361204	13.479	ug/l	98
34) Propionitrile	4.777	54	76759	50.276	ug/l	97
35) Benzene	5.774	78	700043	10.660	ug/l	99
36) 1,2-Dichloroethane	5.796	62	193855	9.669	ug/l	99
37) Trichloroethene	6.542	130	156849	9.964	ug/l	99
38) 1,2-Dichloropropane	6.793	63	192349	10.913	ug/l	97
39) Methacrylonitrile	4.976	41	52750	8.420	ug/l	93
40) Methyl acrylate	4.848	55	82772	8.674	ug/l	98
41) Tetrahydrofuran	5.057	42	54053	17.232	ug/l	98
42) 1-Chlorobutane	5.459	56	317610	9.985	ug/l	97
43) Dibromomethane	6.919	93	93672	9.859	ug/l	95
44) Bromodichloromethane	7.105	83	233617	10.420	ug/l	98

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Manual Integrations
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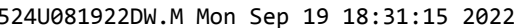
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

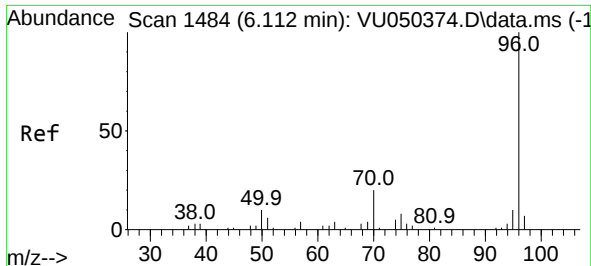
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	536305	56.232	ug/l	98
46) t-1,4-Dichloro-2-butene	10.825	75	111299m	19.553	ug/l	
47) Methyl methacrylate	6.964	69	166496	18.760	ug/l	93
48) Ethyl methacrylate	8.333	69	149069	9.293	ug/l	93
49) Toluene	7.970	92	413015	11.706	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	199606	11.434	ug/l	96
51) cis-1,3-Dichloropropene	7.607	75	232992	11.658	ug/l	94
52) 1,1,2-Trichloroethane	8.401	97	133896	9.589	ug/l	98
53) 1,3-Dichloropropane	8.574	76	228163	10.375	ug/l	99
54) 2-Hexanone	8.687	43	373508	56.235	ug/l	99
55) Dibromochloromethane	8.809	129	148039	9.637	ug/l	99
56) 1,2-Dibromoethane	8.925	107	120963	9.645	ug/l	100
58) Tetrachloroethene	8.552	164	137633	9.291	ug/l	99
59) Chlorobenzene	9.446	112	422417	11.095	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	162119	10.131	ug/l	97
61) Pentachloroethane	11.426	117	141558	10.630	ug/l	90
62) Hexachloroethane	12.475	117	127918	11.547	ug/l	98
63) Ethyl Benzene	9.571	91	765677	9.943	ug/l	99
64) m/p-Xylenes	9.693	106	611280	19.991	ug/l	98
65) o-Xylene	10.102	106	282789	9.936	ug/l	98
66) Styrene	10.115	104	497336	9.813	ug/l	99
67) Bromoform	10.291	173	84377	9.672	ug/l	99
69) Isopropylbenzene	10.484	105	752413	9.997	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	183787	9.563	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	141592m	9.798	ug/l	
72) Bromobenzene	10.780	156	177077	10.773	ug/l	97
73) n-propylbenzene	10.906	120	201355	9.606	ug/l	94
74) 2-Chlorotoluene	10.986	126	188859	9.927	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	669057	9.944	ug/l	100
76) 4-Chlorotoluene	11.098	126	193970	9.781	ug/l	91
77) tert-Butylbenzene	11.420	119	621454	9.817	ug/l	99
78) 1,2,4-Trimethylbenzene	11.468	105	679086	9.667	ug/l	98
79) sec-Butylbenzene	11.645	105	834685	9.644	ug/l	98
80) Nitrobenzene	13.208	77	46675	44.770	ug/l	99
81) p-Isopropyltoluene	11.793	119	657514	9.323	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	365952	10.813	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	365697	10.869	ug/l	99
84) n-Butylbenzene	12.208	91	609603	9.438	ug/l	97
85) 1,2-Dichlorobenzene	12.211	146	353540	10.626	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	27429	9.045	ug/l	91
87) 1,2,4-Trichlorobenzene	13.841	180	211472	11.140	ug/l	99
88) Hexachlorobutadiene	14.021	225	125788	10.181	ug/l	100
89) Naphthalene	14.089	128	387159	7.759	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	209651	8.620	ug/l	99

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

Manual Integrations

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 2022
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

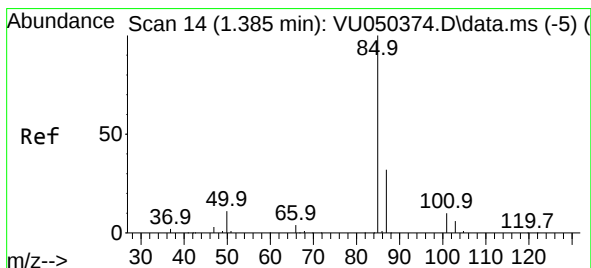
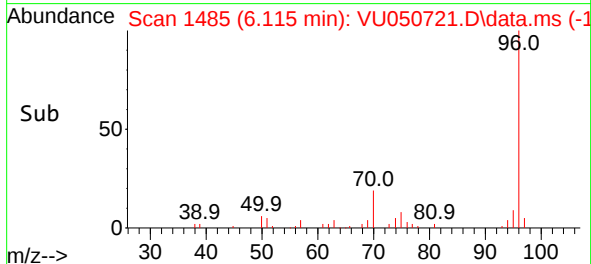
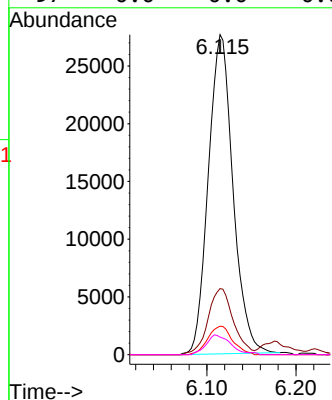
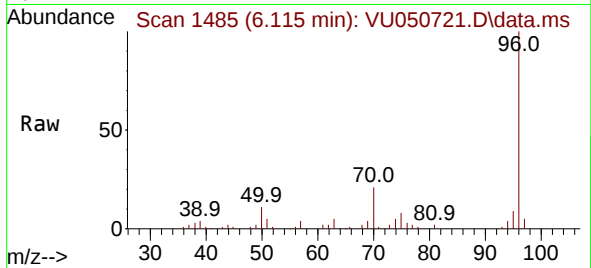
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 5319

Ion	Ratio	Lower	Upper
96	100		
70	19.7	16.7	25.1
95	8.9	7.4	11.0
97	0.0	0.0	0.0

Manual Integrations
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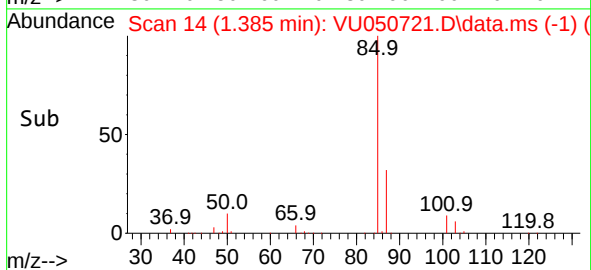
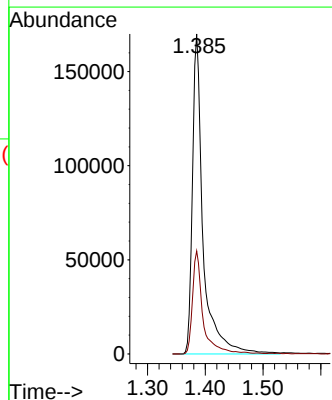
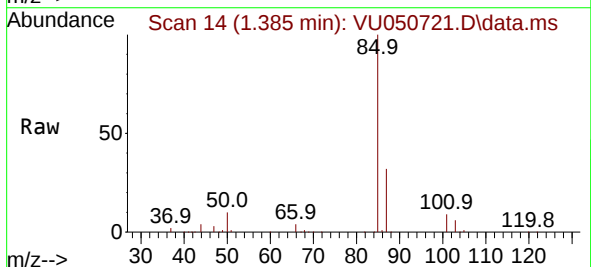
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

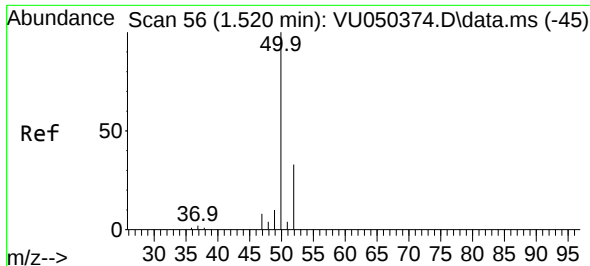


#2
Dichlorodifluoromethane
Concen: 9.932 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Tgt Ion: 85 Resp: 218817

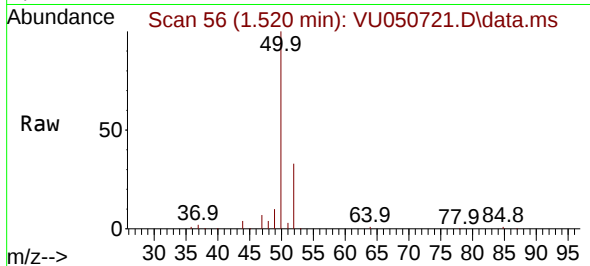
Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.3	48.8





#3
Chloromethane
Concen: 7.999 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

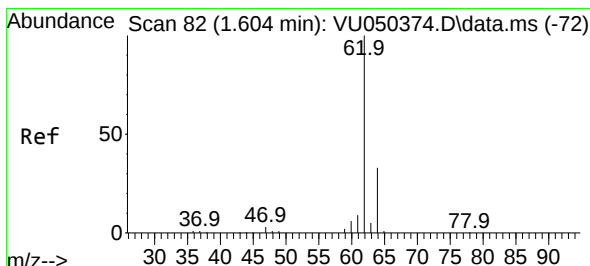
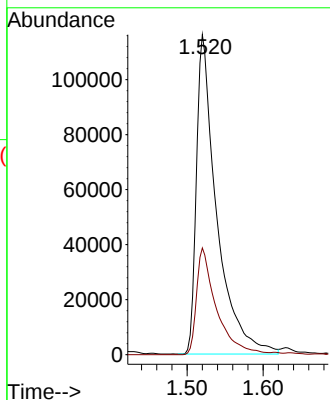
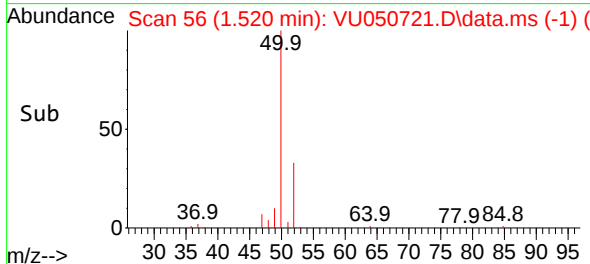
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 50 Resp: 214360
Ion Ratio Lower Upper
50 100
52 33.4 26.1 39.1

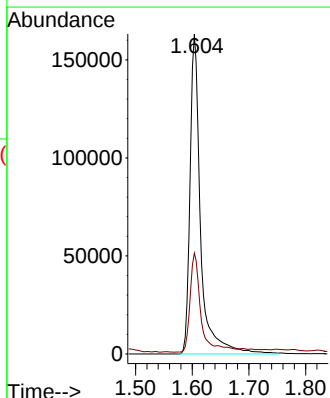
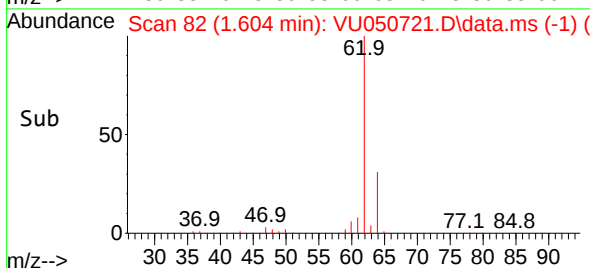
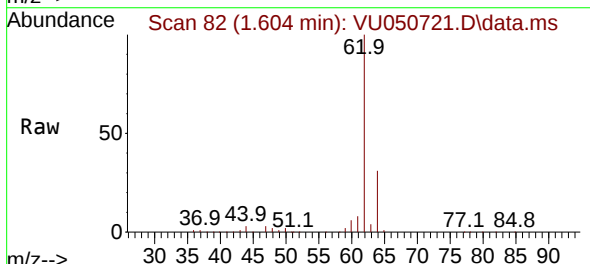
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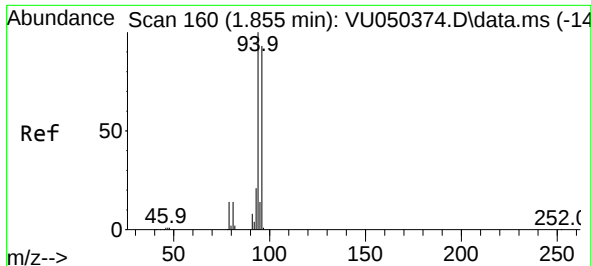
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#4
Vinyl Chloride
Concen: 9.236 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

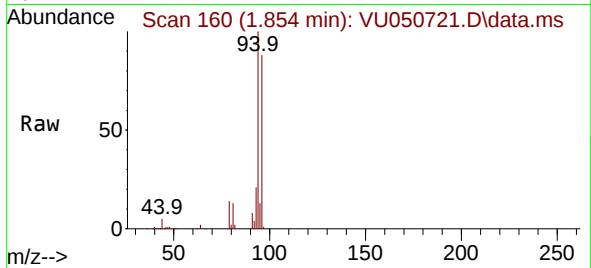
Tgt Ion: 62 Resp: 211513
Ion Ratio Lower Upper
62 100
64 30.9 25.5 38.3





#5
Bromomethane
Concen: 11.596 ug/l
RT: 1.854 min Scan# 160
Delta R.T. 0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

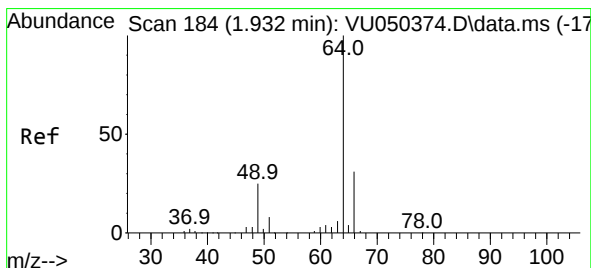
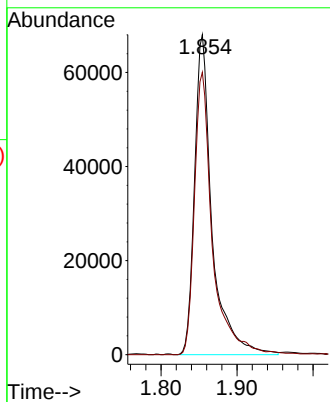
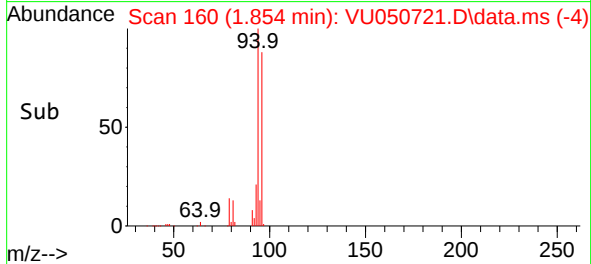
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 94 Resp: 10866
Ion Ratio Lower Upper
94 100
96 88.3 73.0 109.6

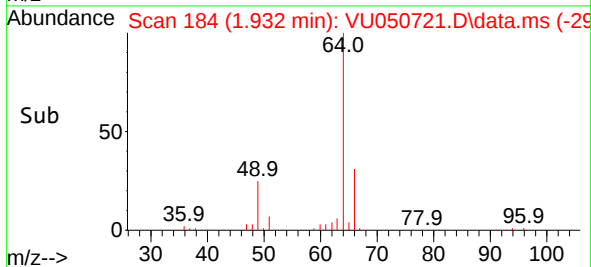
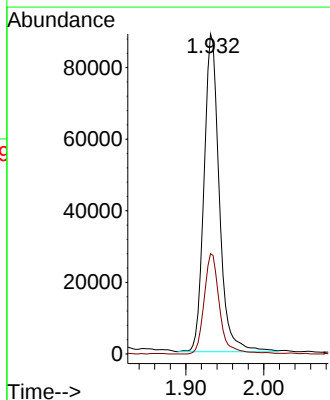
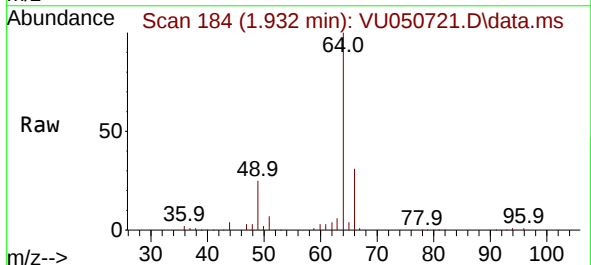
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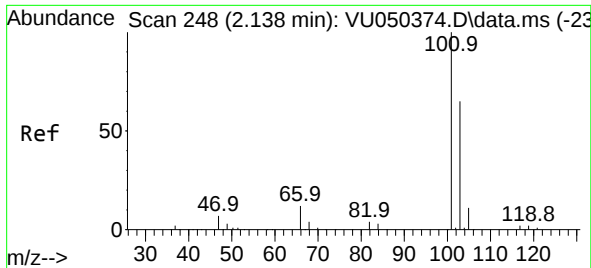
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#6
Chloroethane
Concen: 8.740 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

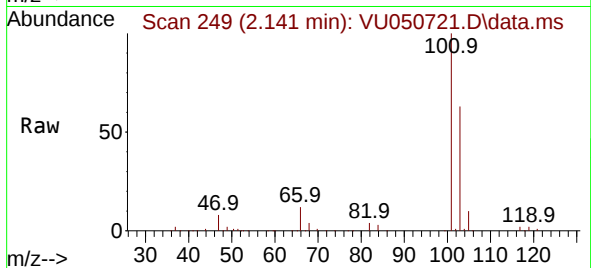
Tgt Ion: 64 Resp: 121050
Ion Ratio Lower Upper
64 100
66 31.6 25.8 38.6





#7
Trichlorofluoromethane
Concen: 8.720 ug/l
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

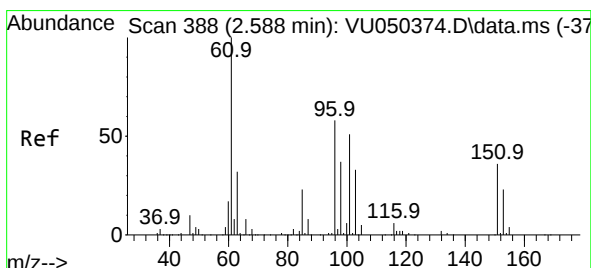
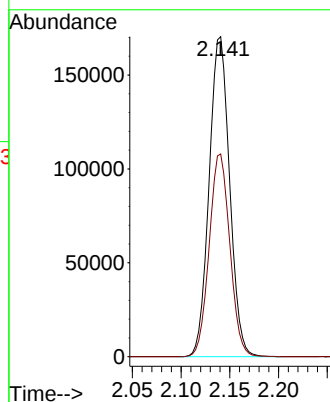
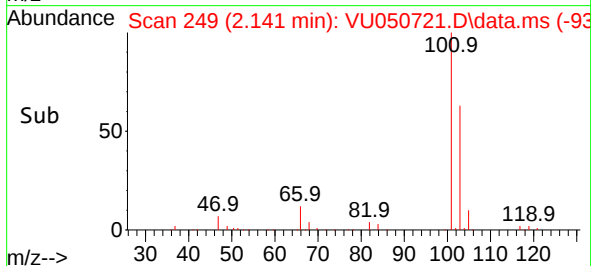
Instrument :
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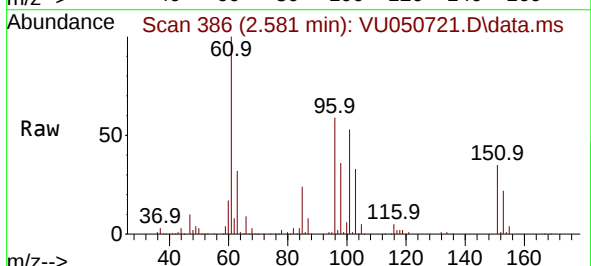
Tgt Ion:101 Resp: 24917
Ion Ratio Lower Upper
101 100
103 63.4 51.8 77.6

Manual Integrations
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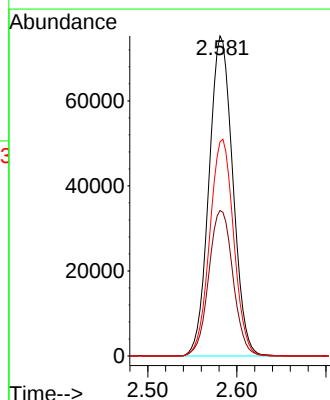
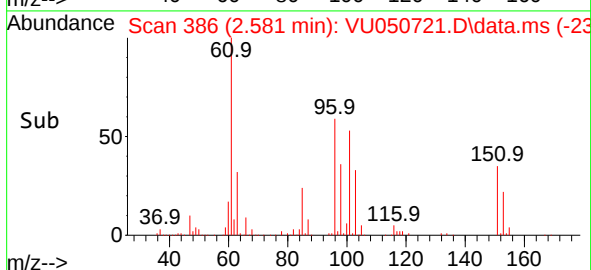
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

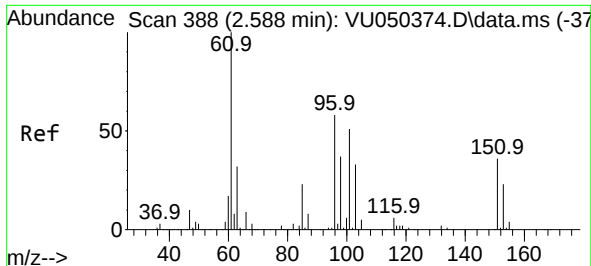


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.742 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32



Tgt Ion:101 Resp: 139709
Ion Ratio Lower Upper
101 100
85 46.3 36.4 54.6
151 68.1 59.1 88.7





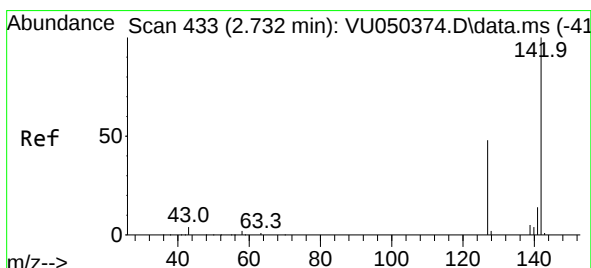
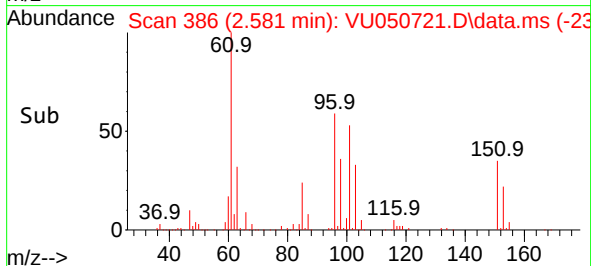
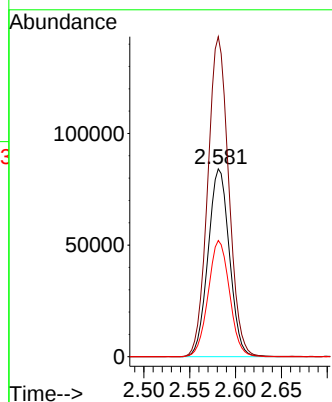
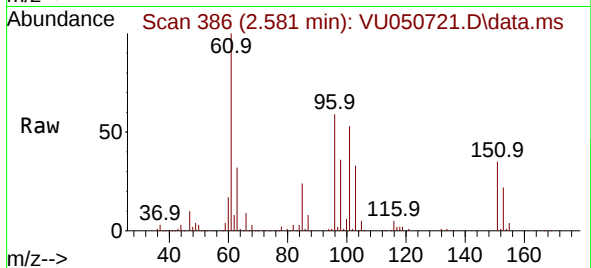
#9
1,1-Dichloroethene
Concen: 8.679 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 135960
Ion Ratio Lower Upper
96 100
61 170.3 0.0 510.6
98 61.8 0.0 124.6

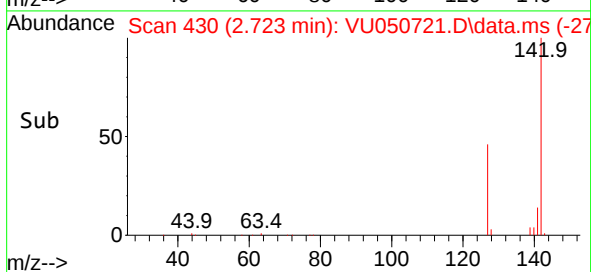
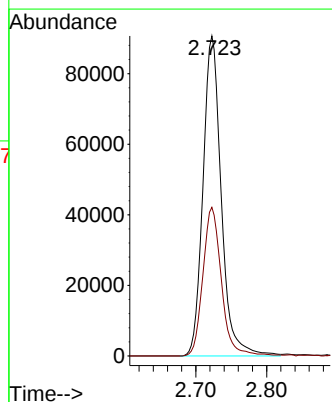
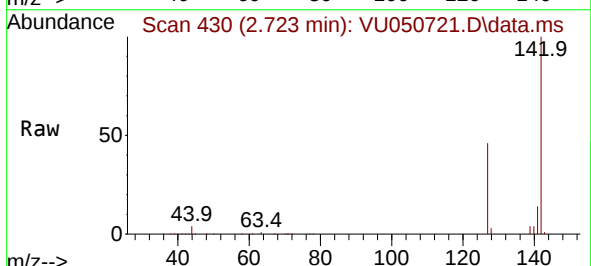
Manual Integrations
APPROVED

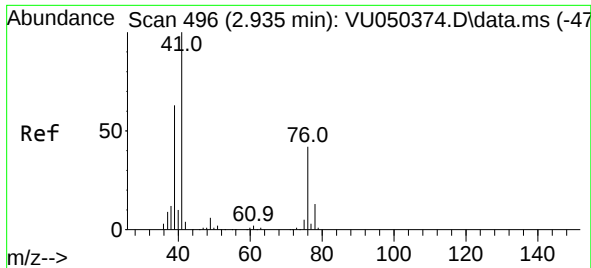
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#10
Iodomethane
Concen: 12.580 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Tgt Ion:142 Resp: 162516
Ion Ratio Lower Upper
142 100
127 47.2 38.2 57.2





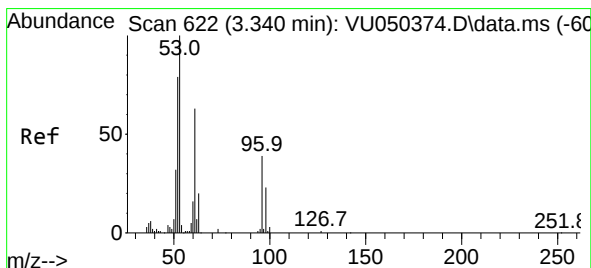
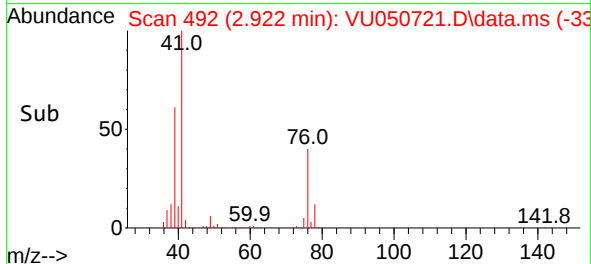
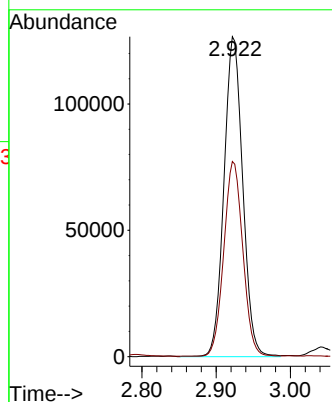
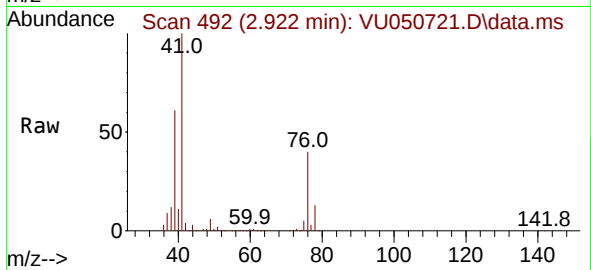
#11
 Allyl Chloride
 Concen: 9.218 ug/l
 RT: 2.922 min Scan# 496
 Delta R.T. -0.000 min
 Lab File: VU050721.D
 Acq: 16 Sep 2022 11:32

Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDCCC010

Tgt Ion: 41 Resp: 222609
 Ion Ratio Lower Upper
 41 100
 39 61.6 53.2 79.8

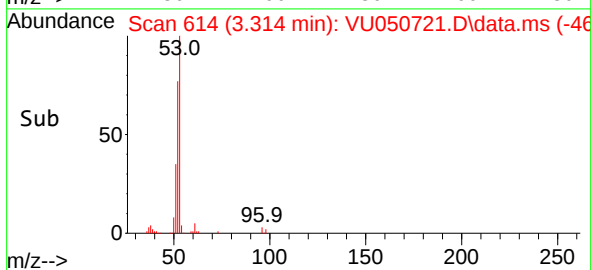
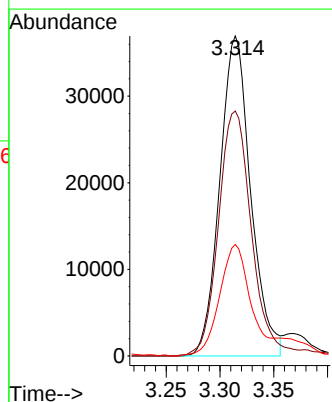
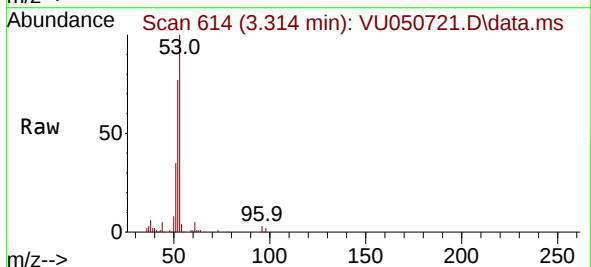
Manual Integrations
 APPROVED

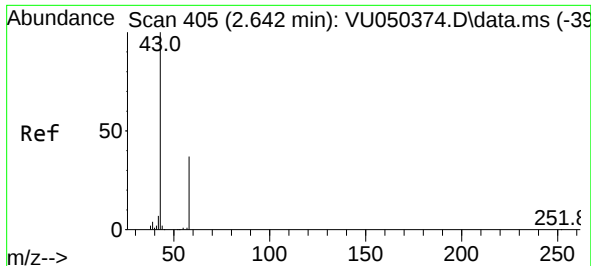
Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#12
 Acrylonitrile
 Concen: 15.724 ug/l
 RT: 3.314 min Scan# 614
 Delta R.T. -0.003 min
 Lab File: VU050721.D
 Acq: 16 Sep 2022 11:32

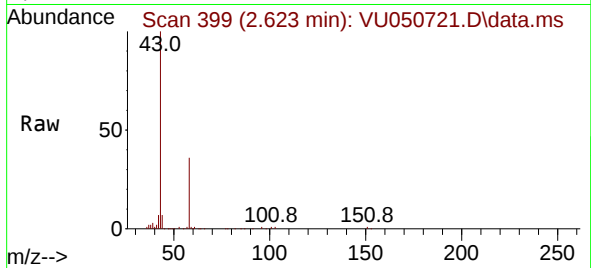
Tgt Ion: 53 Resp: 73883
 Ion Ratio Lower Upper
 53 100
 52 82.7 64.6 97.0
 51 35.0 30.7 46.1





#13
Acetone
Concen: 46.695 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

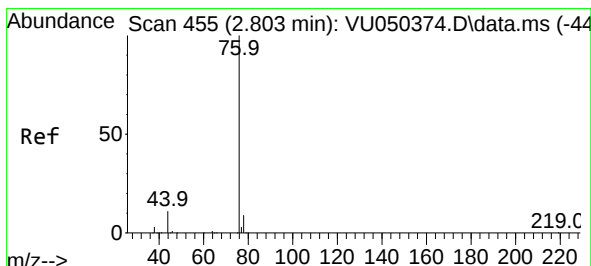
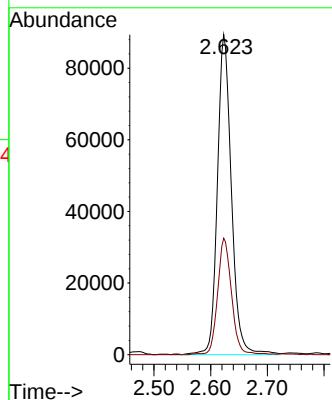
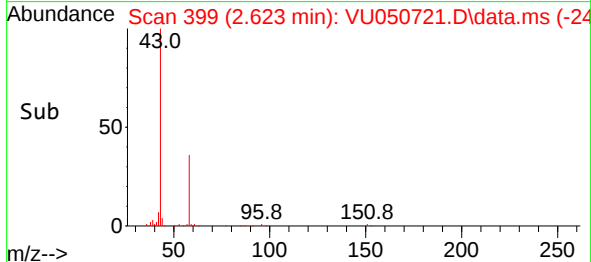
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 153452
Ion Ratio Lower Upper
43 100
58 36.3 26.2 39.2

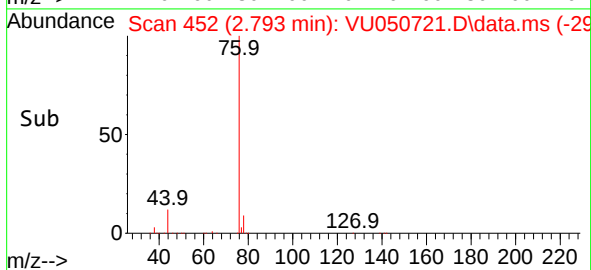
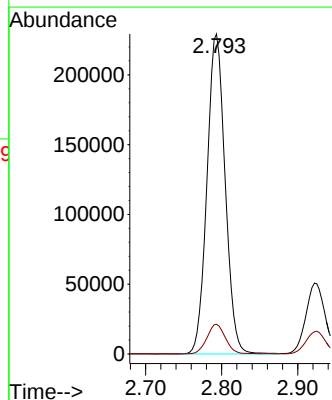
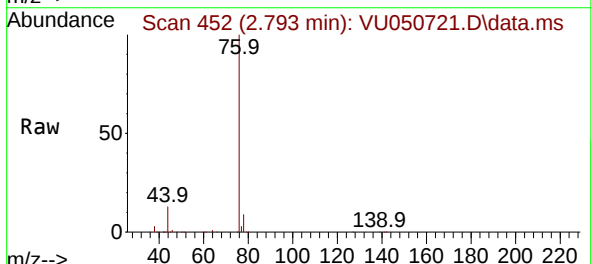
Manual Integrations
APPROVED

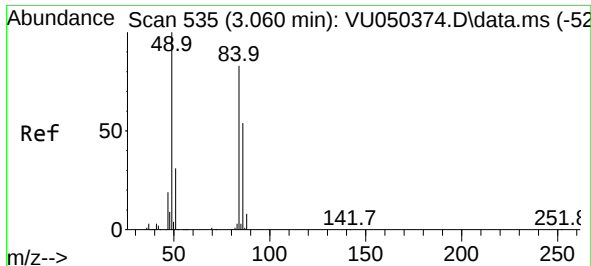
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#14
Carbon Disulfide
Concen: 7.838 ug/l
RT: 2.793 min Scan# 452
Delta R.T. 0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

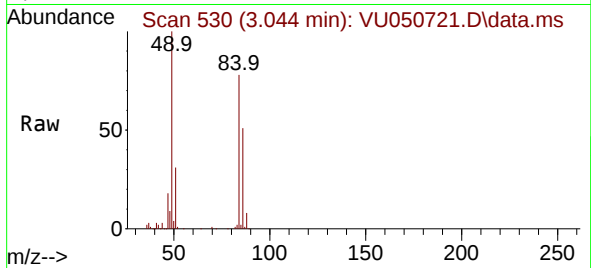
Tgt Ion: 76 Resp: 380396
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#15
Methylene Chloride
Concen: 8.145 ug/l
RT: 3.044 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

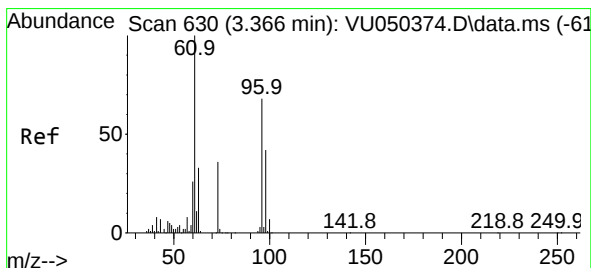
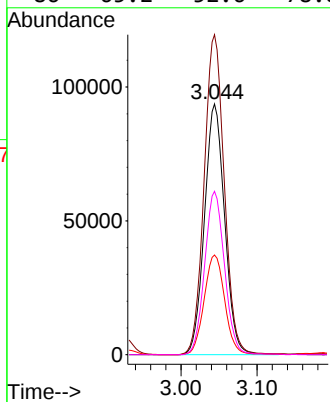
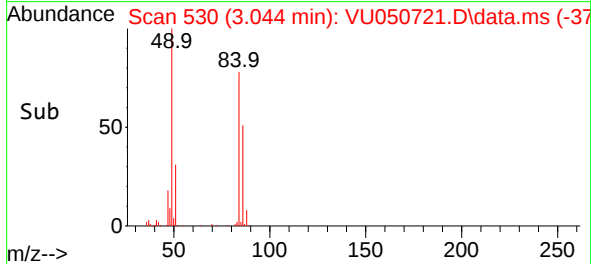
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



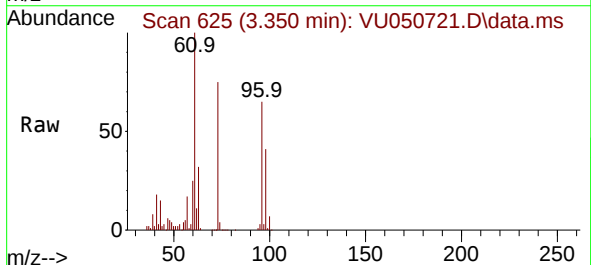
Tgt Ion: 84 Resp: 172654
Ion Ratio Lower Upper
84 100
49 127.7 104.6 157.0
51 39.8 0.0 81.4
86 65.2 52.6 78.8

Manual Integrations
APPROVED

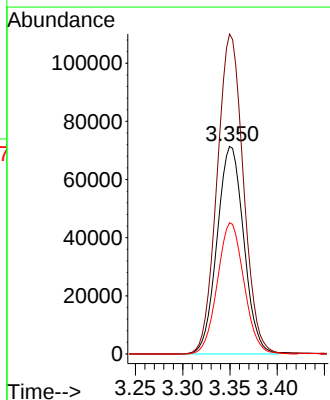
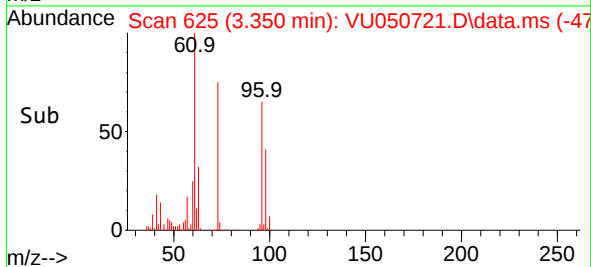
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#16
trans-1,2-Dichloroethene
Concen: 8.673 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32



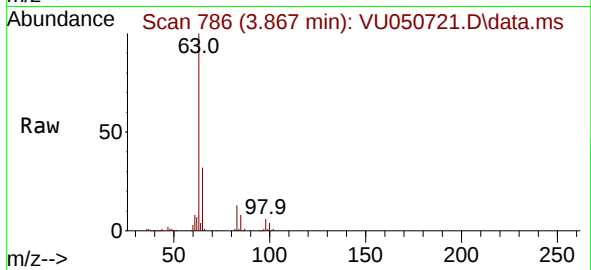
Tgt Ion: 96 Resp: 140426
Ion Ratio Lower Upper
96 100
61 154.2 123.4 185.0
98 63.2 51.6 77.4





#17
1,1-Dichloroethane
Concen: 9.383 ug/l
RT: 3.867 min Scan# 791
Delta R.T. 0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

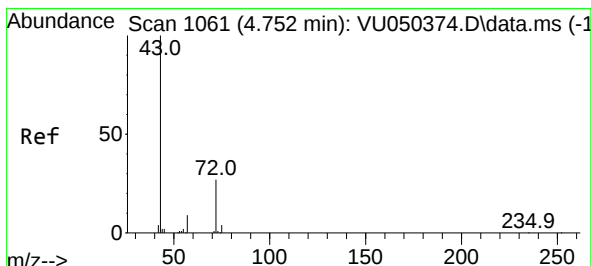
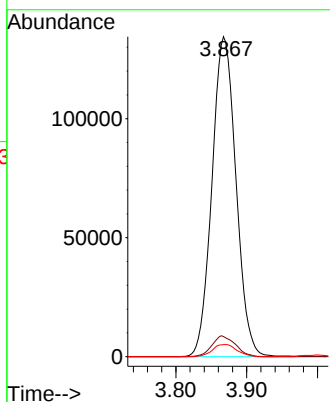
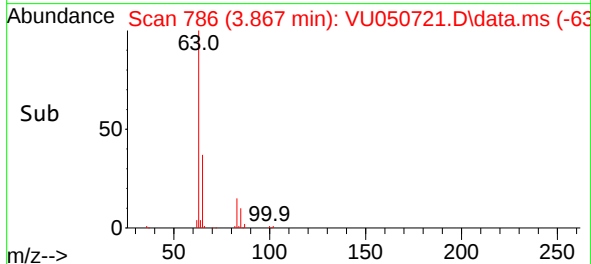
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 316430
Ion Ratio Lower Upper
63 100
98 6.3 3.4 10.2
100 3.8 2.0 6.0

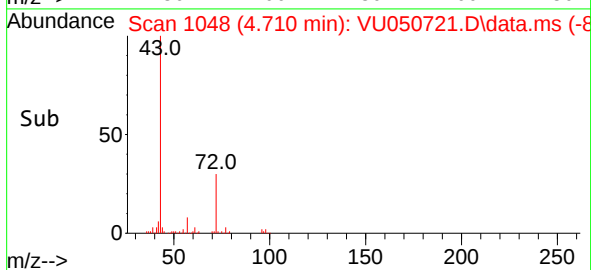
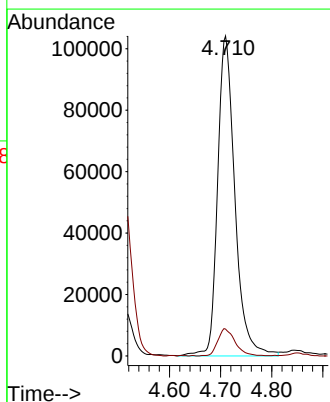
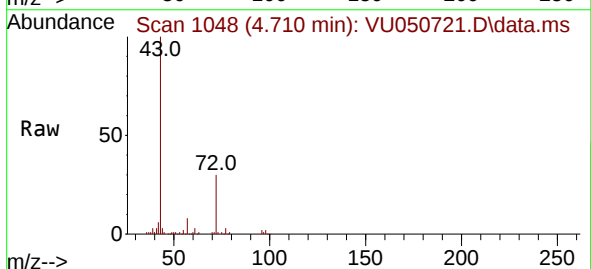
Manual Integrations
APPROVED

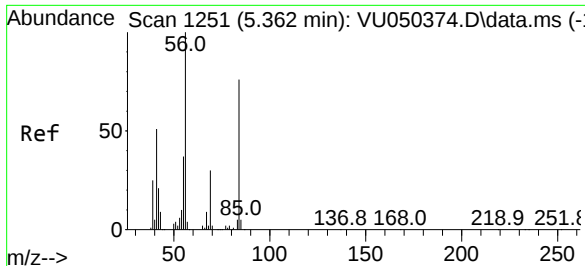
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#18
2-Butanone
Concen: 47.355 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. -0.010 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Tgt Ion: 43 Resp: 244767
Ion Ratio Lower Upper
43 100
57 8.3 0.0 18.0





#19

Cyclohexane

Concen: 9.784 ug/l m

RT: 5.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 239460

Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.4

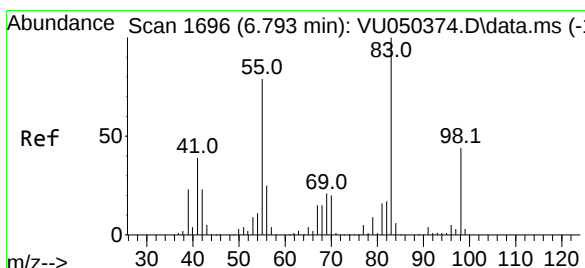
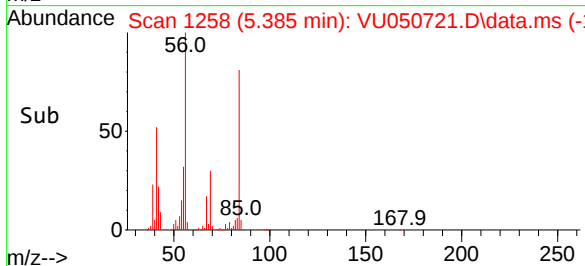
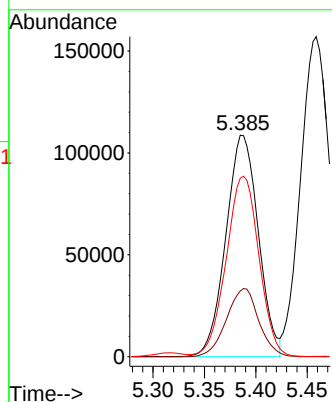
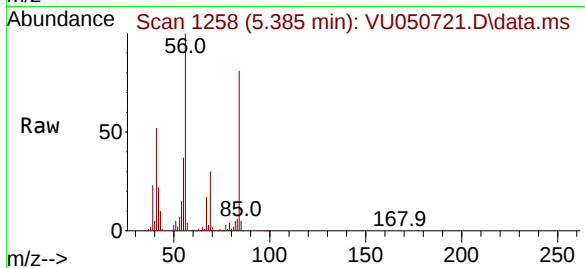
84 80.8 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#20

Methylcyclohexane

Concen: 12.435 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

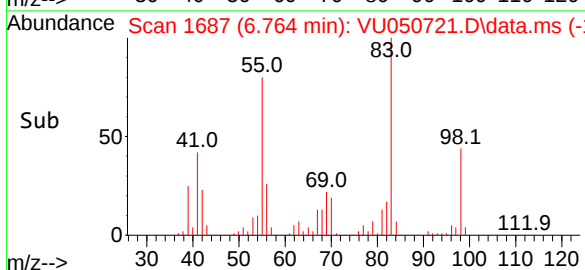
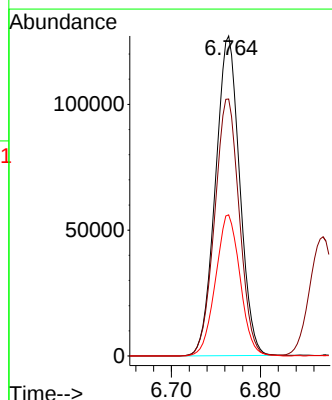
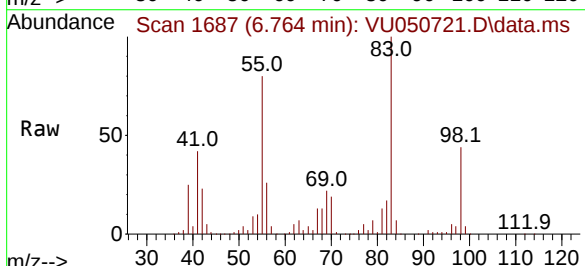
Tgt Ion: 83 Resp: 239887

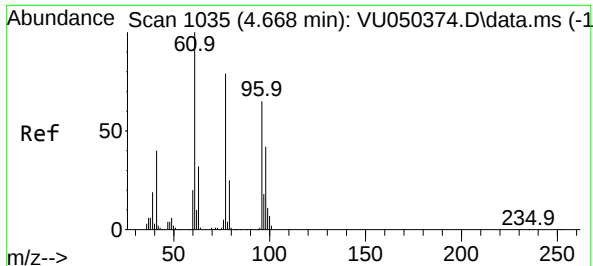
Ion Ratio Lower Upper

83 100

55 81.7 63.0 94.4

98 44.8 35.7 53.5





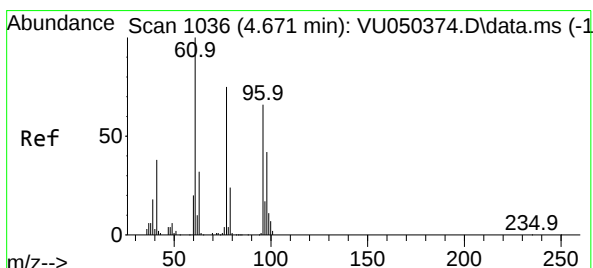
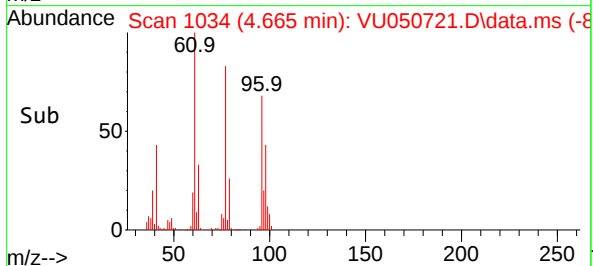
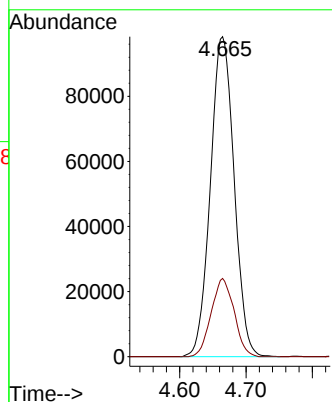
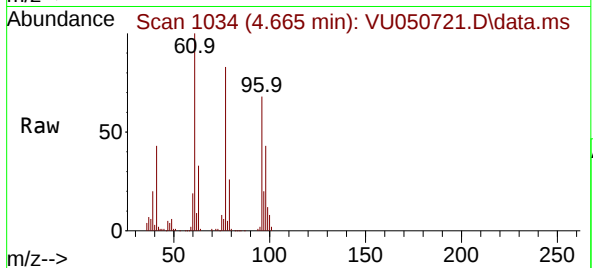
#21
2,2-Dichloropropane
Concen: 9.529 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 77 Resp: 244254
Ion Ratio Lower Upper
77 100
97 23.6 18.5 27.7

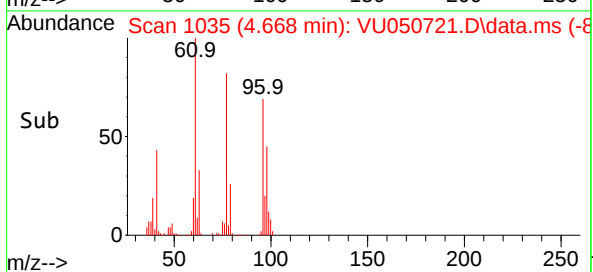
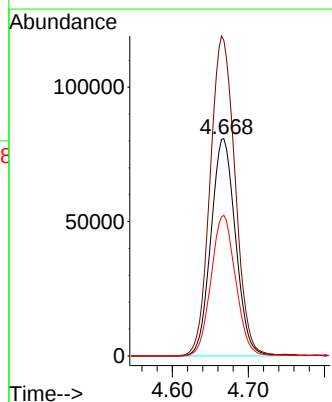
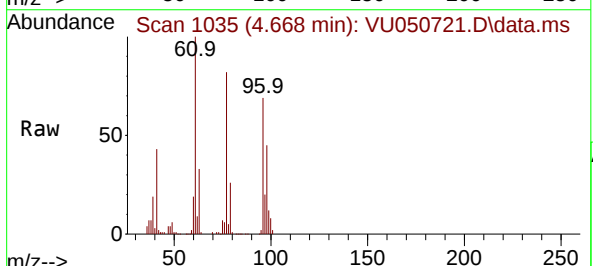
Manual Integrations
APPROVED

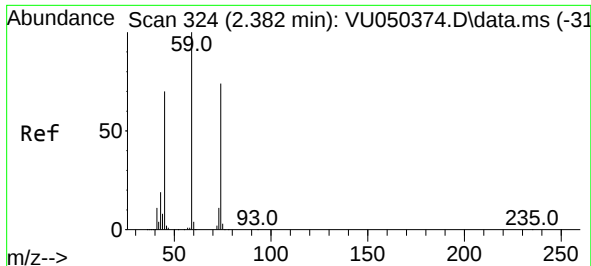
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#22
cis-1,2-Dichloroethene
Concen: 9.923 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

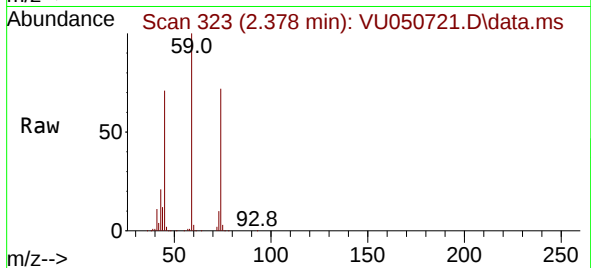
Tgt Ion: 96 Resp: 181764
Ion Ratio Lower Upper
96 100
61 149.3 0.0 375.8
98 64.6 31.6 95.0





#23
Diethyl Ether
Concen: 8.808 ug/l
RT: 2.378 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

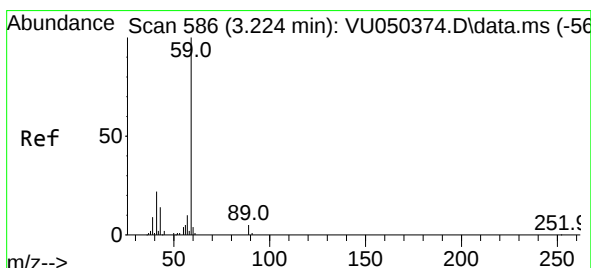
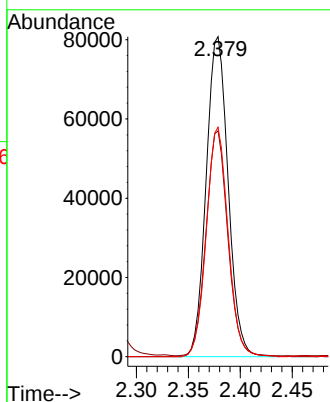
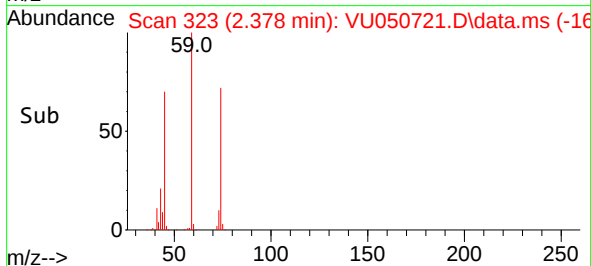
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 59 Resp: 118530
Ion Ratio Lower Upper
59 100
45 69.8 56.0 84.0
74 71.2 57.6 86.4

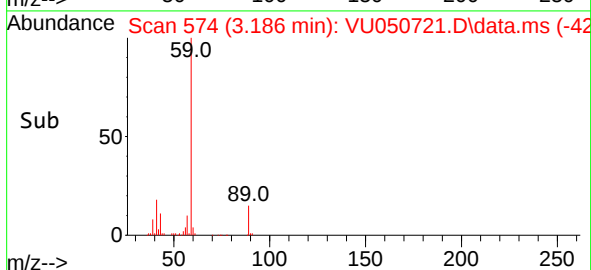
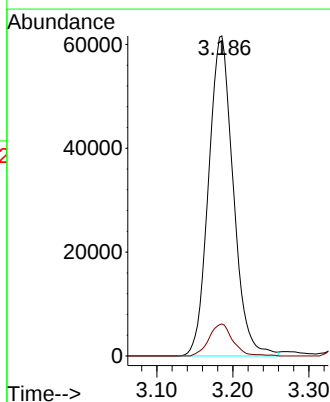
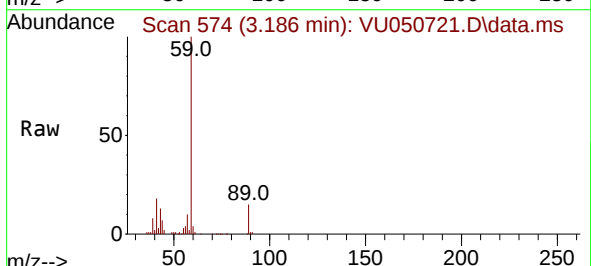
Manual Integrations
APPROVED

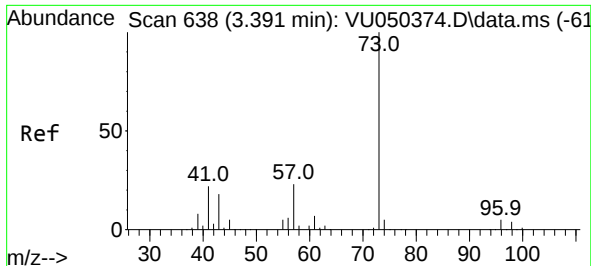
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#24
tert-Butyl Alcohol
Concen: 81.613 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.009 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Tgt Ion: 59 Resp: 139011
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2





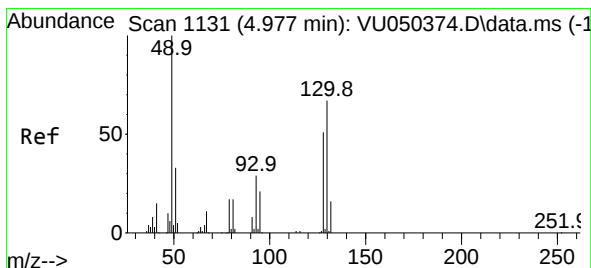
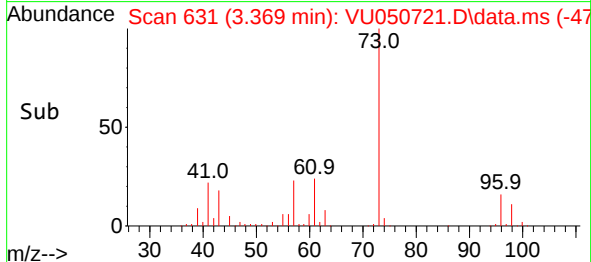
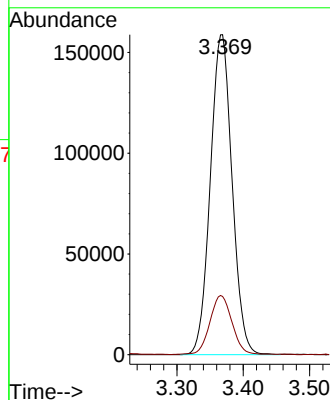
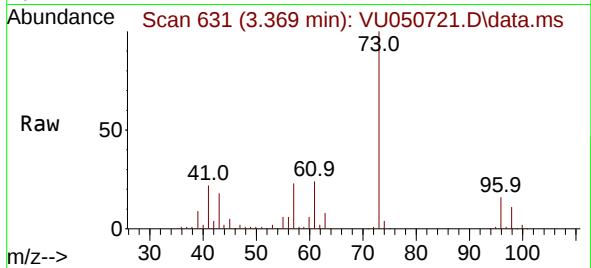
#25
Methyl tert-Butyl Ether
Concen: 8.701 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 73 Resp: 362109
Ion Ratio Lower Upper
73 100
43 18.6 15.9 23.9

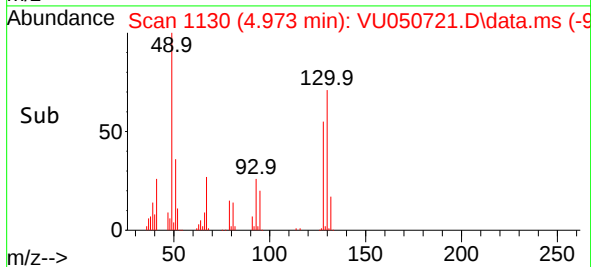
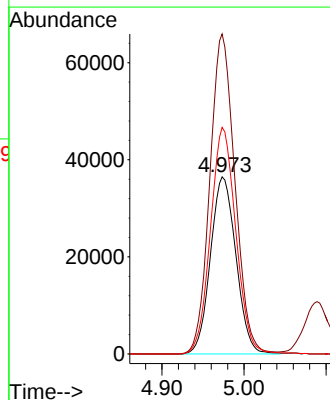
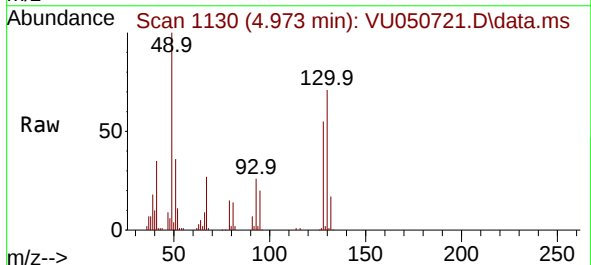
Manual Integrations
APPROVED

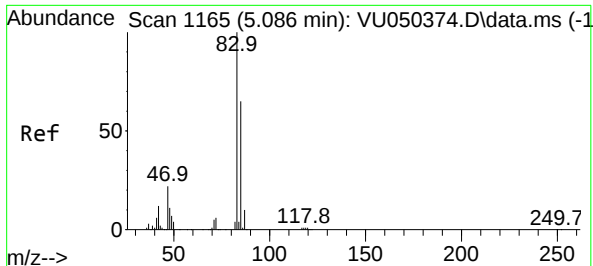
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#26
Bromochloromethane
Concen: 10.726 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Tgt Ion:128 Resp: 78837
Ion Ratio Lower Upper
128 100
49 177.7 0.0 349.2
130 127.5 103.0 154.6





#27

Chloroform

Concen: 9.824 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 321054

Ion Ratio Lower Upper

83 100

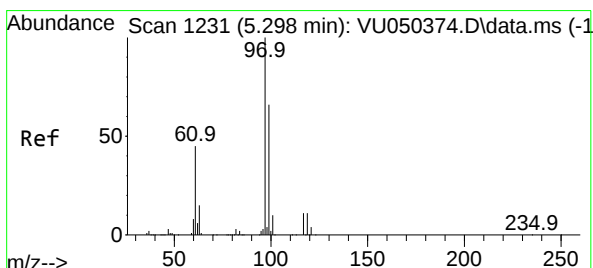
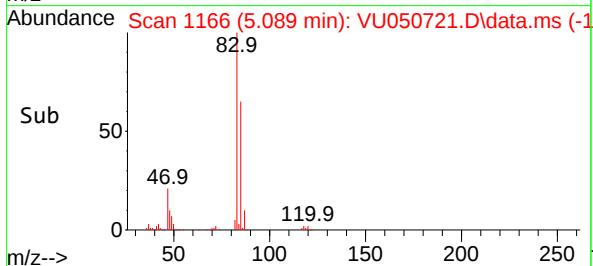
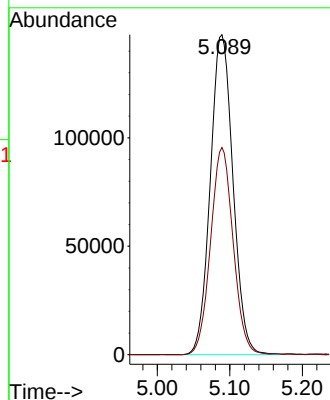
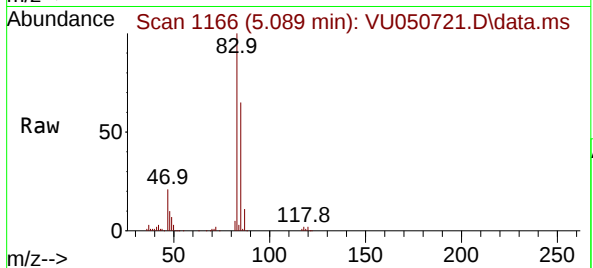
85 64.8 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#28

1,1,1-Trichloroethane

Concen: 9.423 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

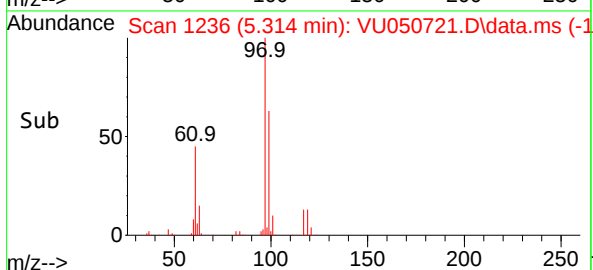
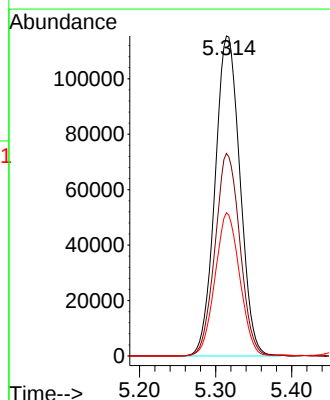
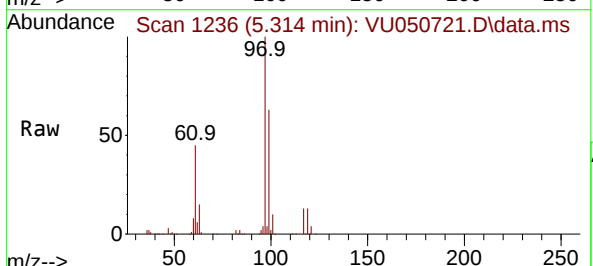
Tgt Ion: 97 Resp: 262770

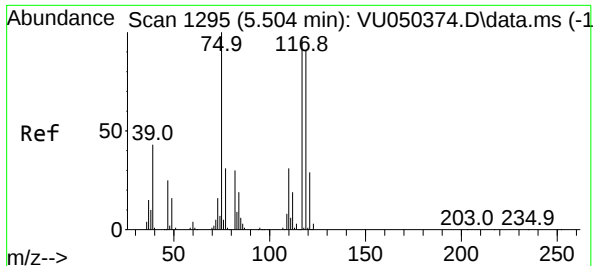
Ion Ratio Lower Upper

97 100

99 63.3 32.1 96.5

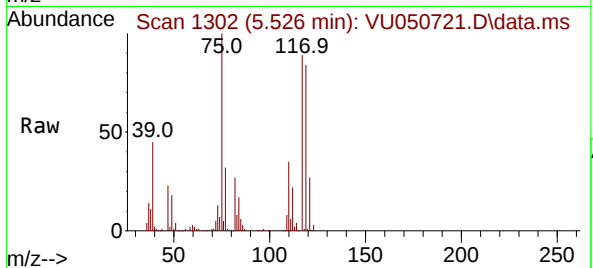
61 44.4 21.8 65.4





#29
1,1-Dichloropropene
Concen: 10.028 ug/l
RT: 5.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

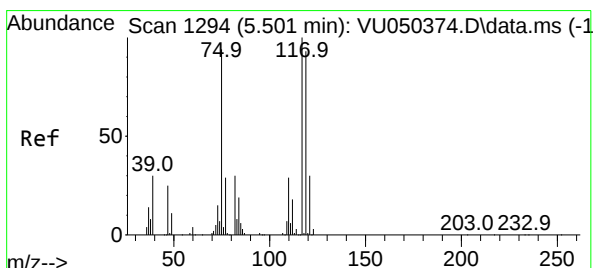
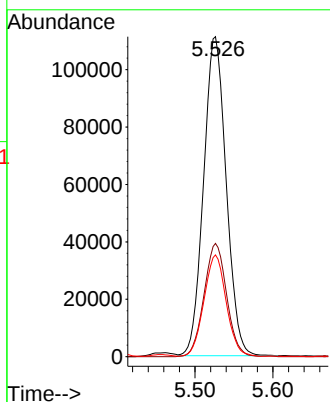
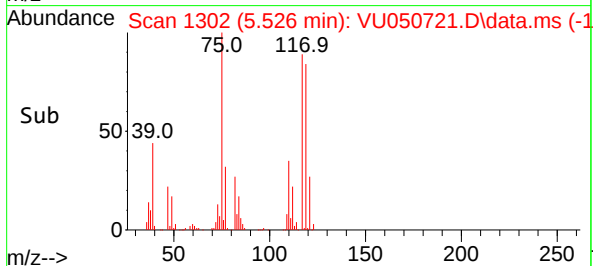
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



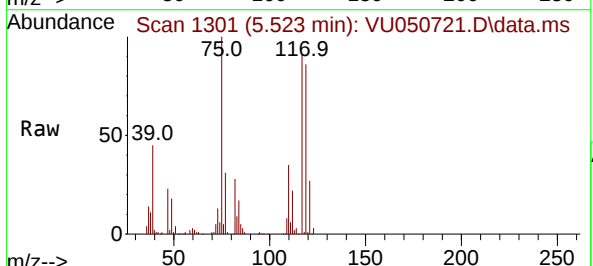
Tgt Ion: 75 Resp: 22401
Ion Ratio Lower Upper
75 100
110 35.4 17.3 52.0
77 31.2 24.6 37.0

Manual Integrations
APPROVED

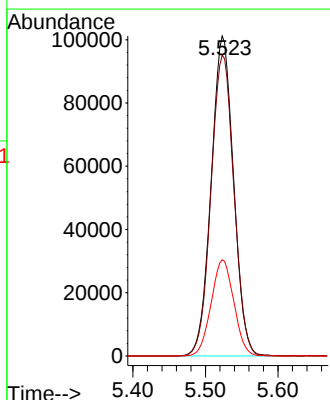
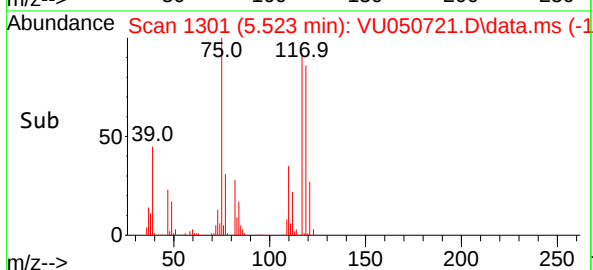
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

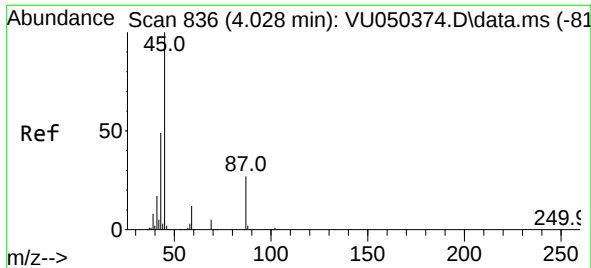


#30
Carbon Tetrachloride
Concen: 9.702 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32



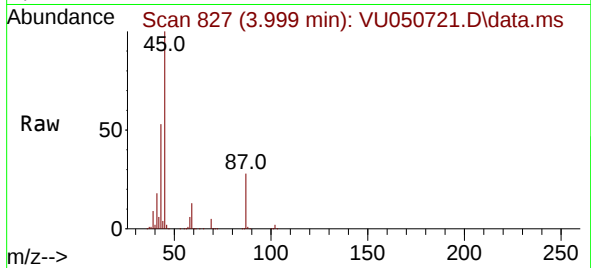
Tgt Ion:117 Resp: 216580
Ion Ratio Lower Upper
117 100
119 93.9 74.6 112.0
121 30.0 24.2 36.4





#31
Isopropyl Ether
Concen: 8.665 ug/l
RT: 3.999 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

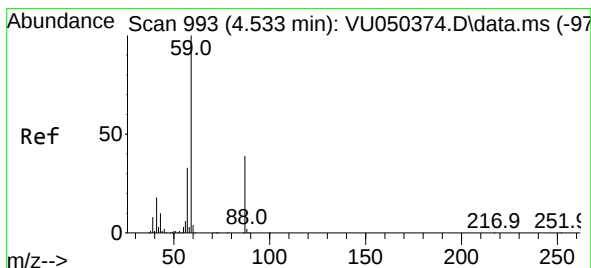
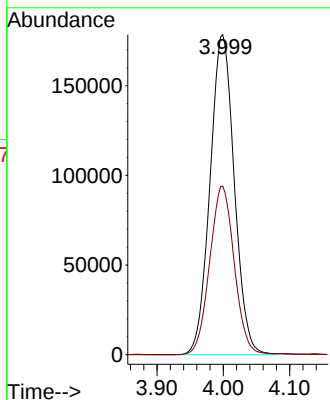
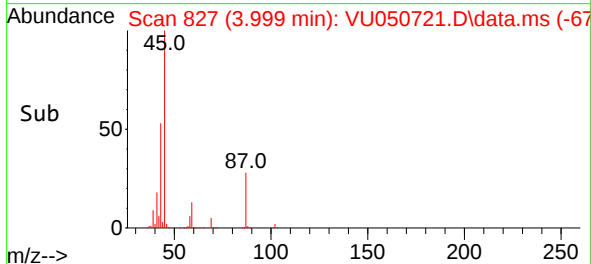
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



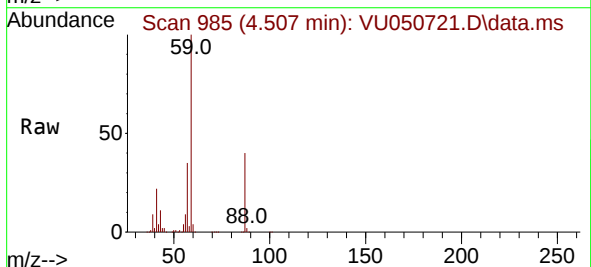
Tgt Ion: 45 Resp: 453428
Ion Ratio Lower Upper
45 100
43 53.3 23.8 71.2

Manual Integrations
APPROVED

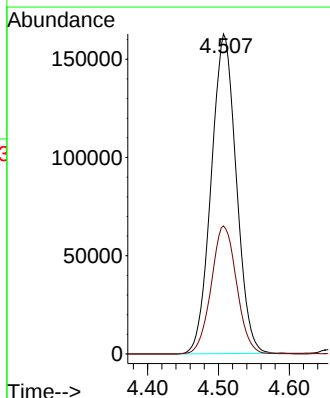
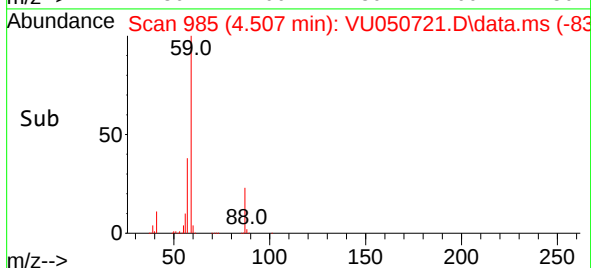
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

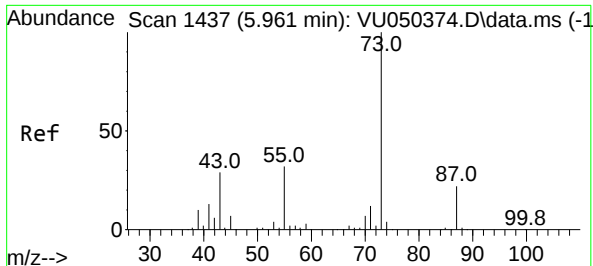


#32
Ethyl-t-butyl ether
Concen: 9.713 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.006 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32



Tgt Ion: 59 Resp: 399285
Ion Ratio Lower Upper
59 100
87 40.5 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 13.479 ug/l
RT: 5.944 min Scan# 1437
Delta R.T. -0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

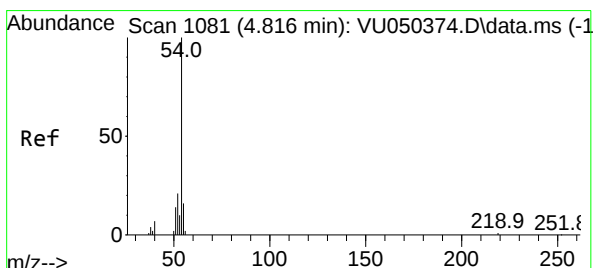
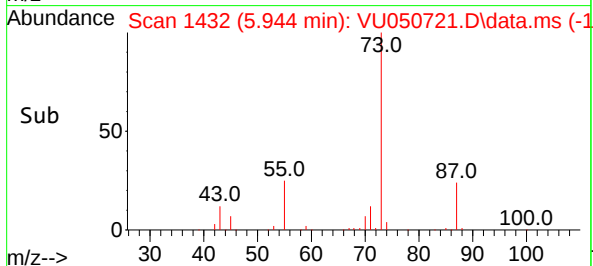
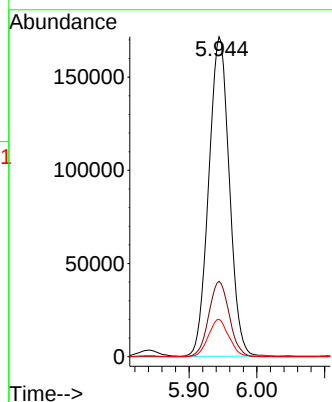
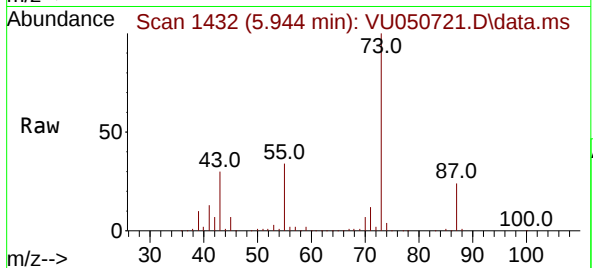
VSTDCCC010

Tgt Ion: 73 Resp: 361204
Ion Ratio Lower Upper
73 100
87 23.6 19.7 29.5
71 11.7 9.0 13.4

Manual Integrations

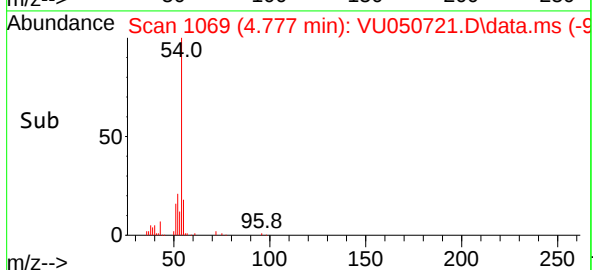
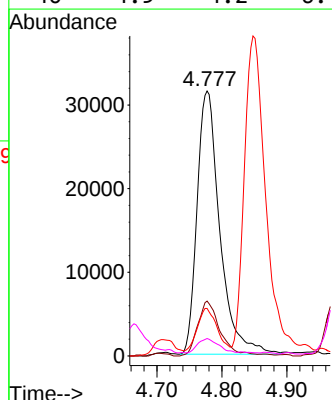
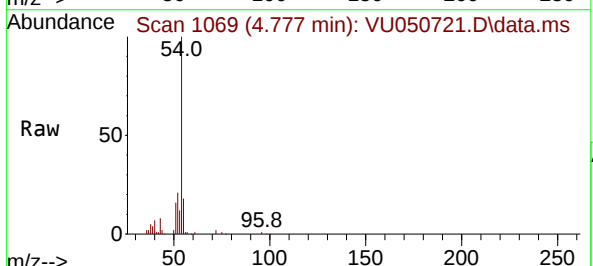
APPROVED

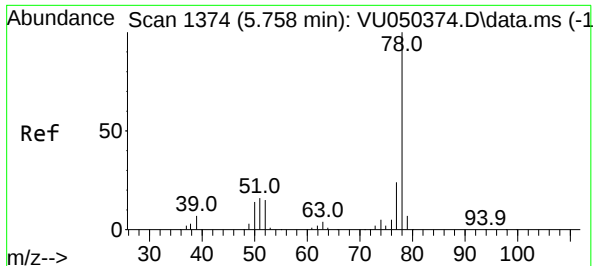
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#34
Propionitrile
Concen: 50.276 ug/l
RT: 4.777 min Scan# 1069
Delta R.T. -0.010 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Tgt Ion: 54 Resp: 76759
Ion Ratio Lower Upper
54 100
52 19.7 15.0 22.6
55 14.2 12.6 19.0
40 4.9 4.2 6.4





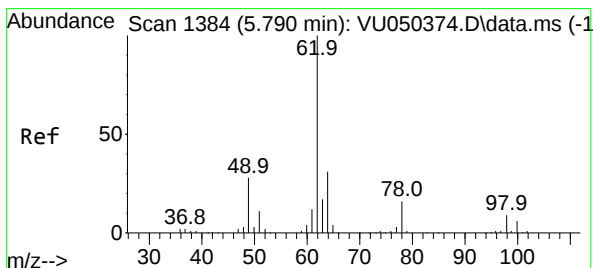
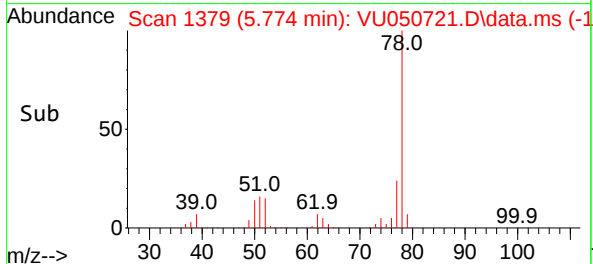
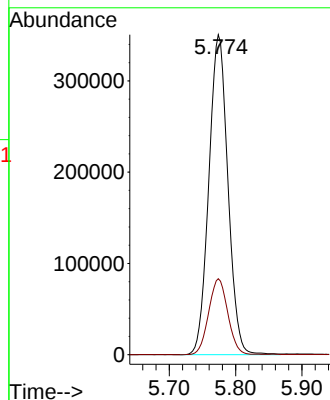
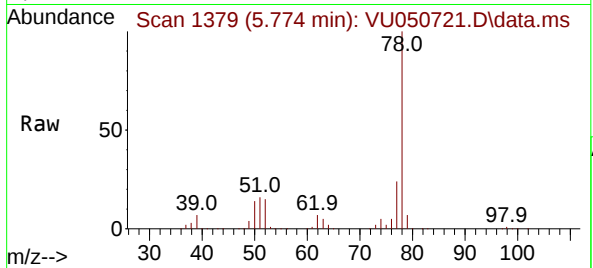
#35
Benzene
Concen: 10.660 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 70004
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0

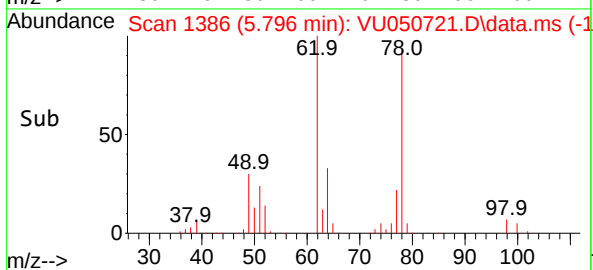
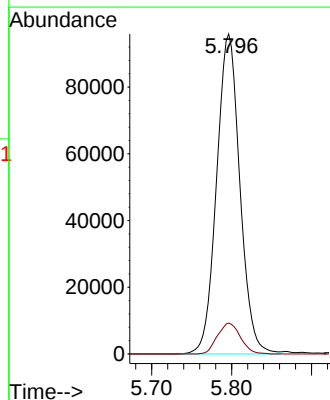
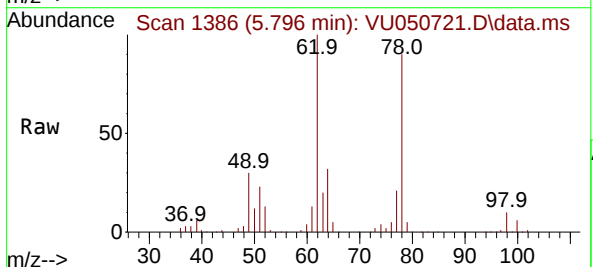
Manual Integrations
APPROVED

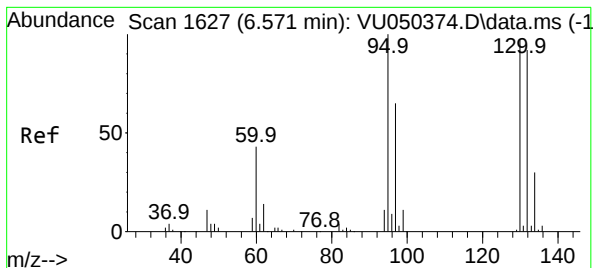
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#36
1,2-Dichloroethane
Concen: 9.669 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Tgt Ion: 62 Resp: 193855
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





#37

Trichloroethene

Concen: 9.964 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:130 Resp: 156849

Ion Ratio Lower Upper

130 100

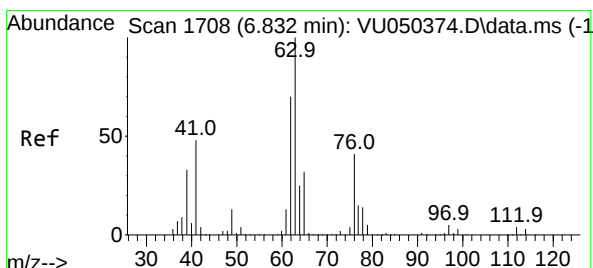
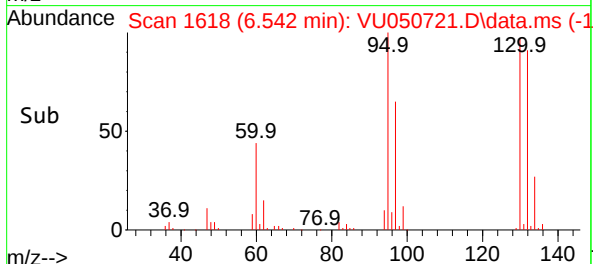
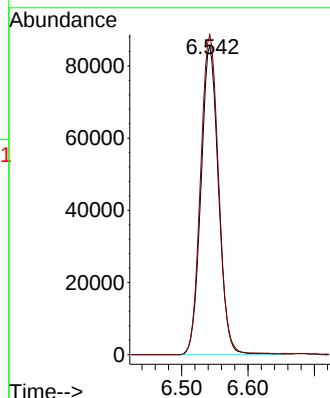
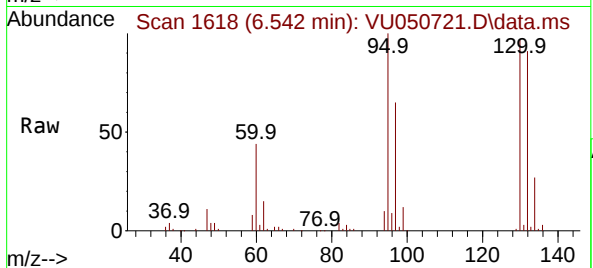
95 103.5 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#38

1,2-Dichloropropane

Concen: 10.913 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. -0.000 min

Lab File: VU050721.D

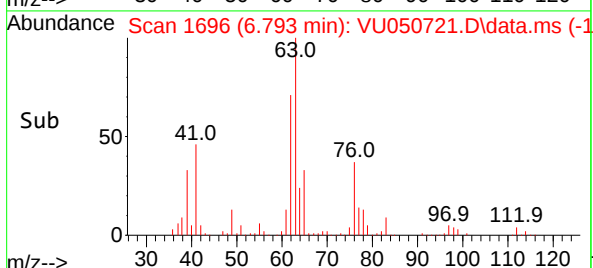
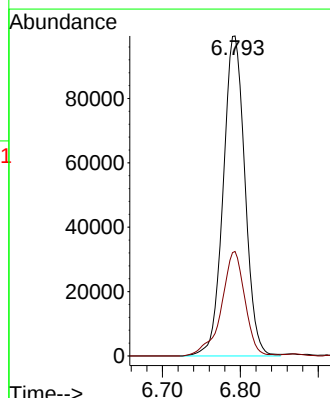
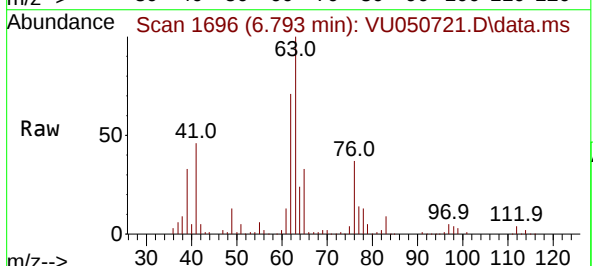
Acq: 16 Sep 2022 11:32

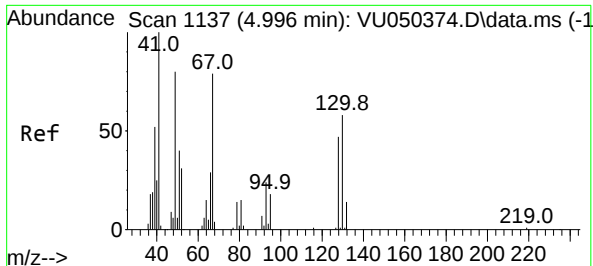
Tgt Ion: 63 Resp: 192349

Ion Ratio Lower Upper

63 100

65 32.7 25.0 37.4





#39

Methacrylonitrile

Concen: 8.420 ug/l

RT: 4.976 min Scan# 1137

Delta R.T. -0.006 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 52750

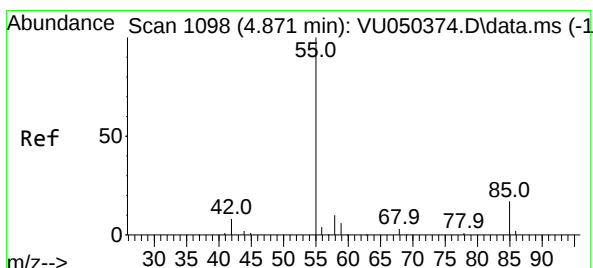
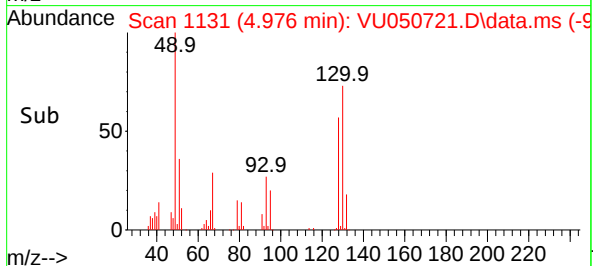
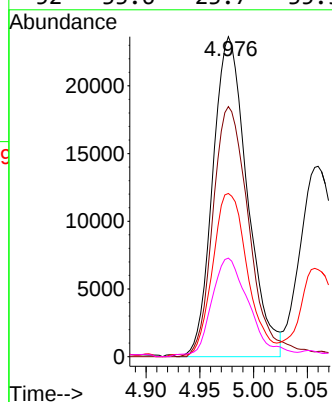
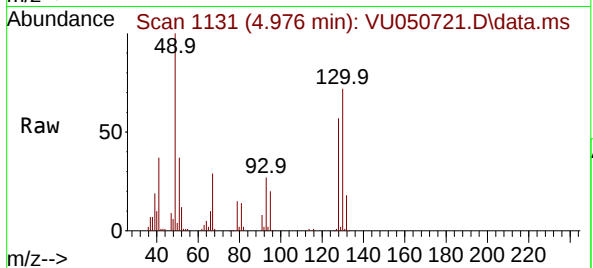
Ion	Ratio	Lower	Upper
41	100		
67	82.0	59.4	89.0
39	50.7	42.2	63.2
52	33.6	23.7	35.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#40

Methyl acrylate

Concen: 8.674 ug/l

RT: 4.848 min Scan# 1091

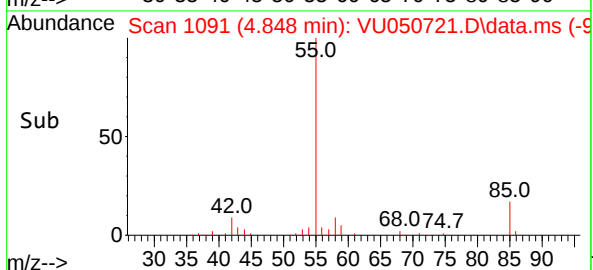
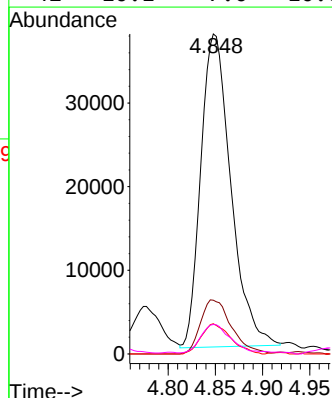
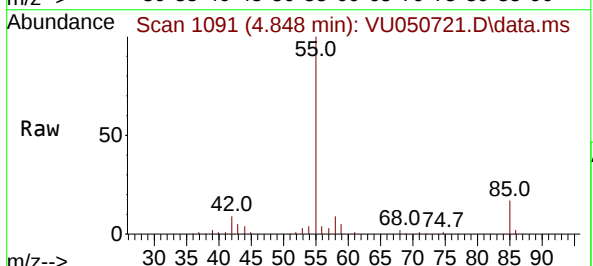
Delta R.T. -0.006 min

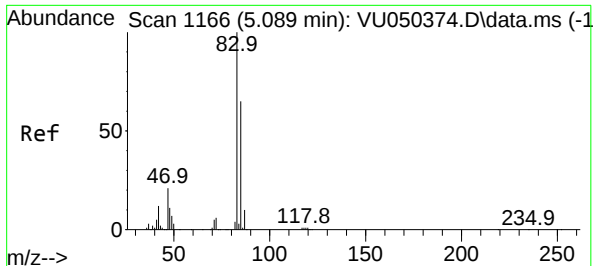
Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

Tgt Ion: 55 Resp: 82772

Ion	Ratio	Lower	Upper
55	100		
85	17.8	13.5	20.3
58	9.5	7.0	10.4
42	10.1	7.0	10.6





#41

Tetrahydrofuran

Concen: 17.232 ug/l

RT: 5.057 min Scan# 1166

Delta R.T. -0.010 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

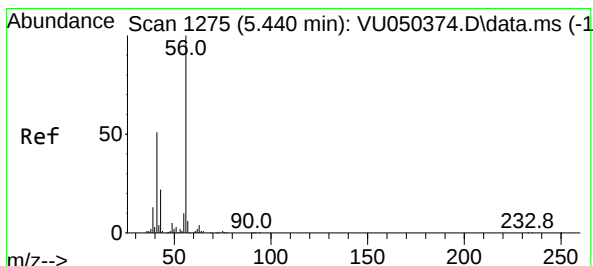
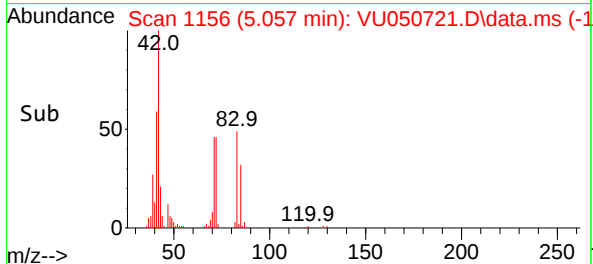
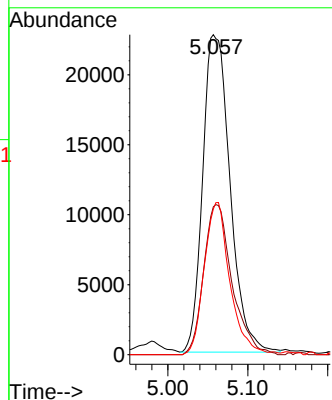
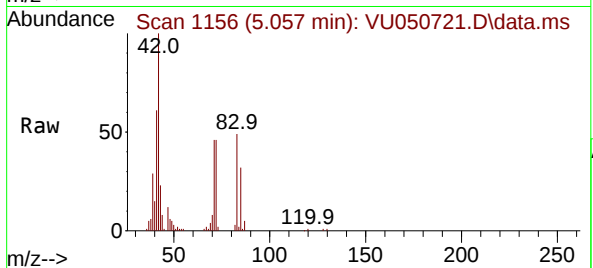
Tgt Ion:	42	Resp:	5405
Ion Ratio	Lower	Upper	
42	100		
72	48.9	38.9	58.3
71	44.8	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#42

1-Chlorobutane

Concen: 9.985 ug/l

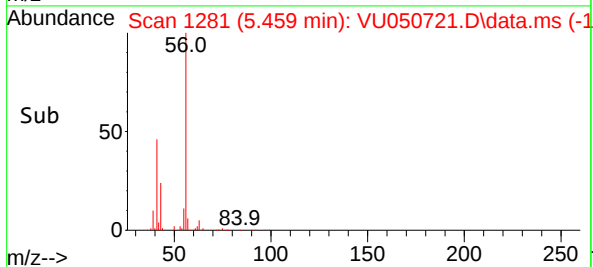
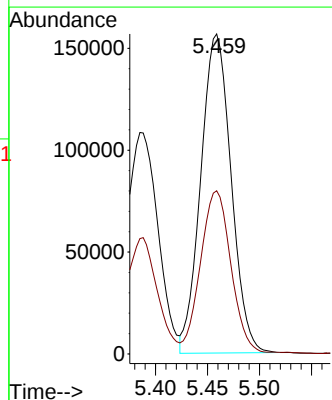
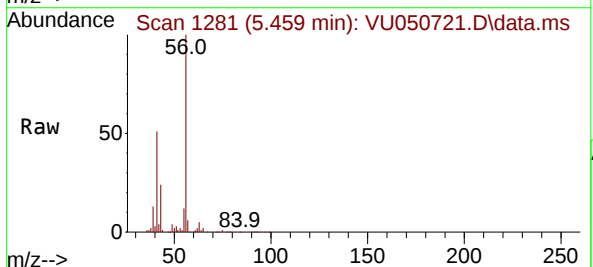
RT: 5.459 min Scan# 1281

Delta R.T. 0.003 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

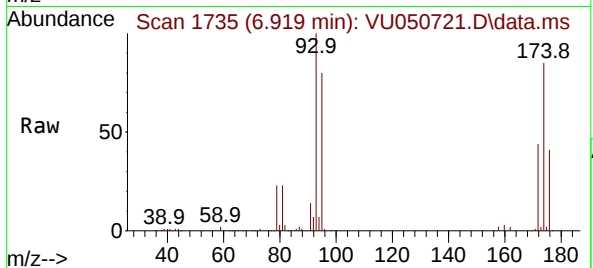
Tgt Ion:	56	Resp:	317610
Ion Ratio	Lower	Upper	
56	100		
41	50.8	26.4	79.2





#43
Dibromomethane
Concen: 9.859 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

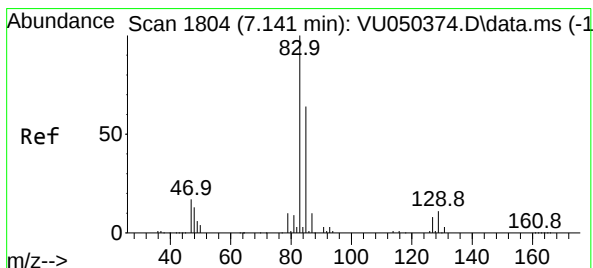
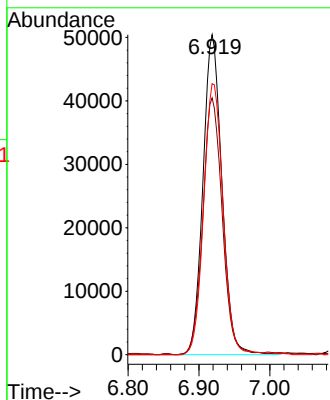
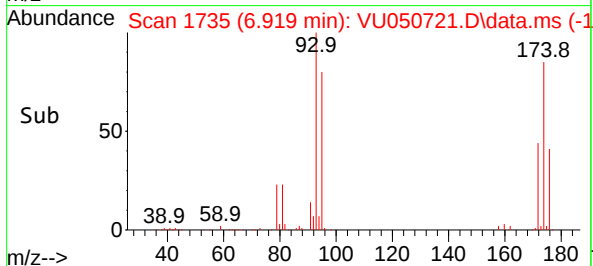
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



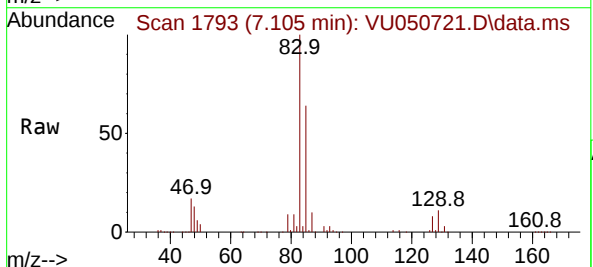
Tgt Ion: 93 Resp: 93672
Ion Ratio Lower Upper
93 100
95 82.2 65.0 97.6
174 87.0 76.3 114.5

Manual Integrations
APPROVED

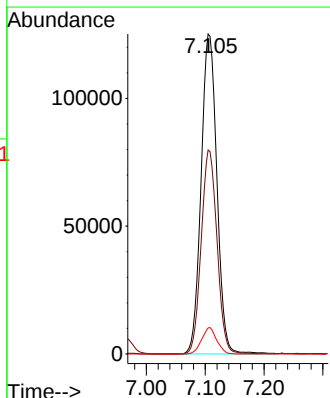
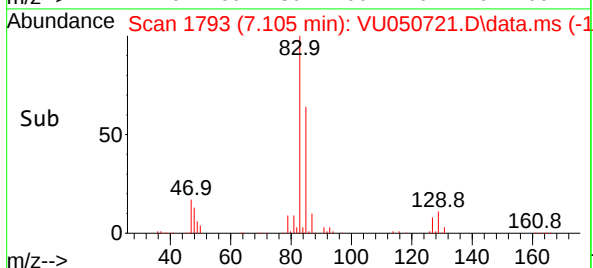
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

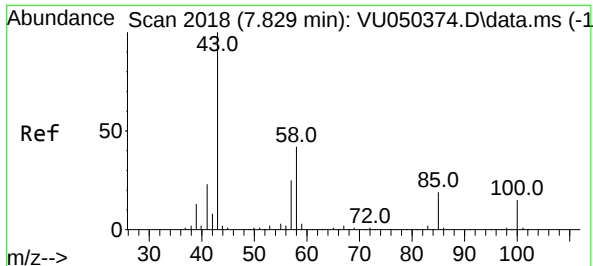


#44
Bromodichloromethane
Concen: 10.420 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32



Tgt Ion: 83 Resp: 233617
Ion Ratio Lower Upper
83 100
85 63.7 49.4 74.0
127 8.1 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 56.232 ug/l

RT: 7.793 min Scan# 2018

Delta R.T. -0.003 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

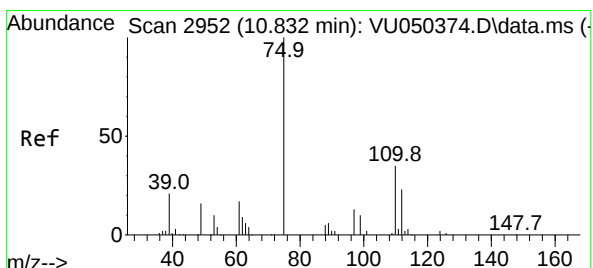
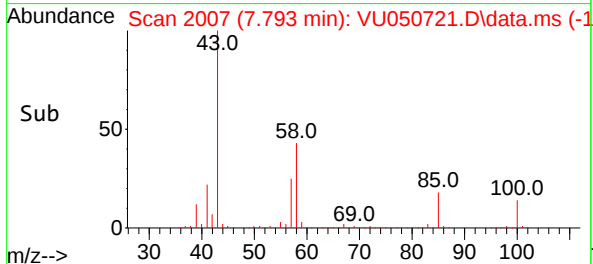
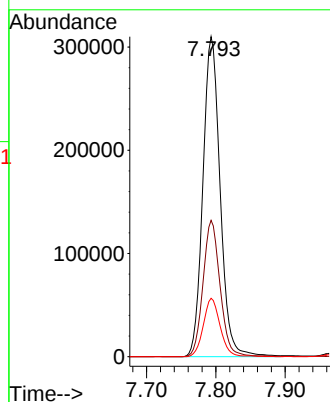
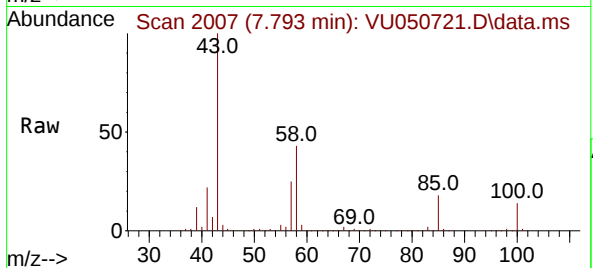
Tgt Ion: 43 Resp: 536309
 Ion Ratio Lower Upper
 43 100
 58 42.0 20.3 61.0
 85 17.8 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#46

t-1,4-Dichloro-2-butene

Concen: 19.553 ug/l m

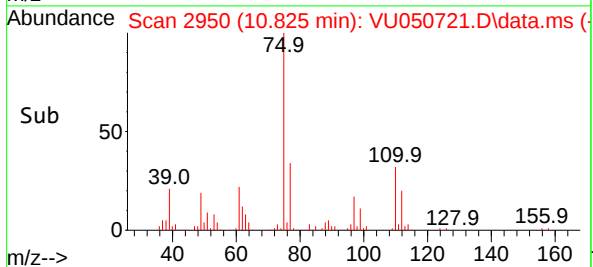
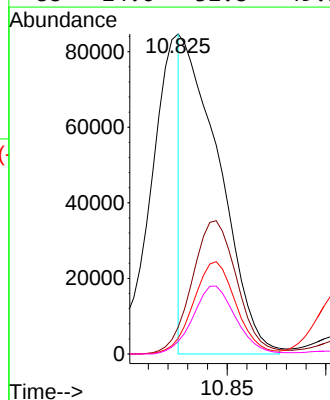
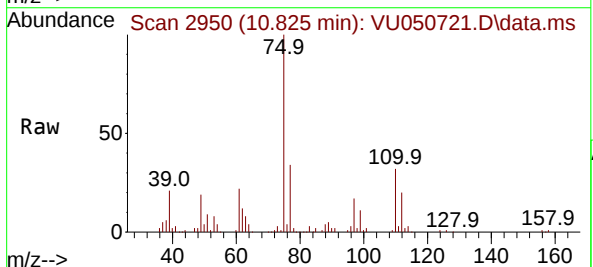
RT: 10.825 min Scan# 2950

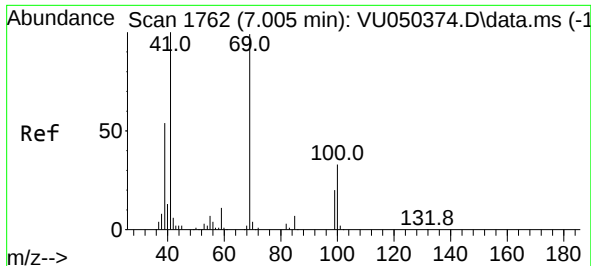
Delta R.T. -0.006 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

Tgt Ion: 75 Resp: 111299
 Ion Ratio Lower Upper
 75 100
 53 50.5 64.4 96.6#
 89 33.3 44.2 66.2#
 88 24.6 32.8 49.2#





#47

Methyl methacrylate

Concen: 18.760 ug/l

RT: 6.964 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 166490

Ion Ratio Lower Upper

69 100

41 104.4 0.0 225.4

39 52.2 45.8 68.8

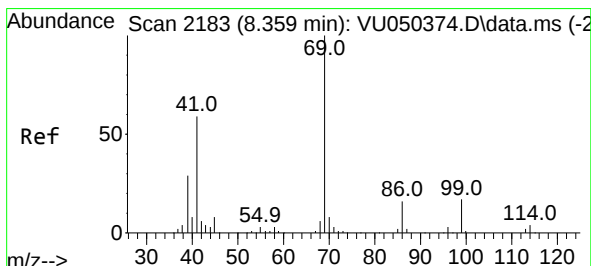
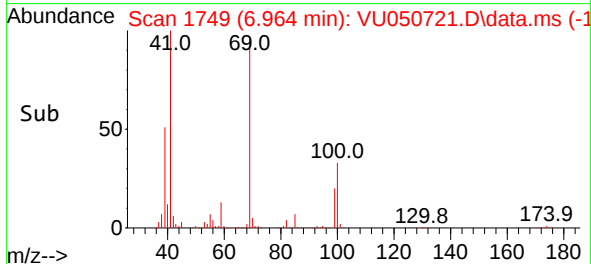
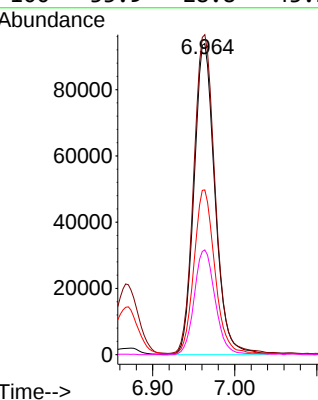
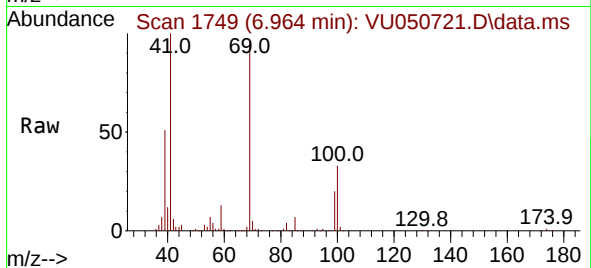
100 33.9 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#48

Ethyl methacrylate

Concen: 9.293 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.003 min

Lab File: VU050721.D

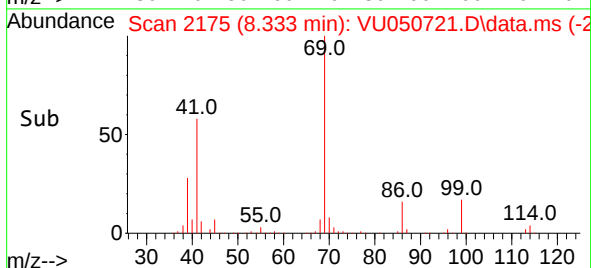
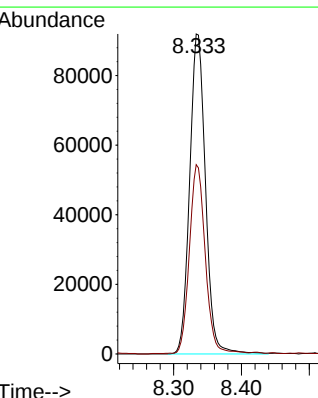
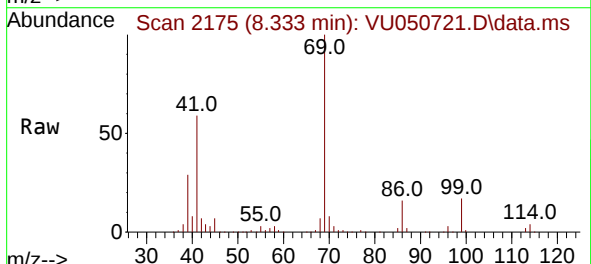
Acq: 16 Sep 2022 11:32

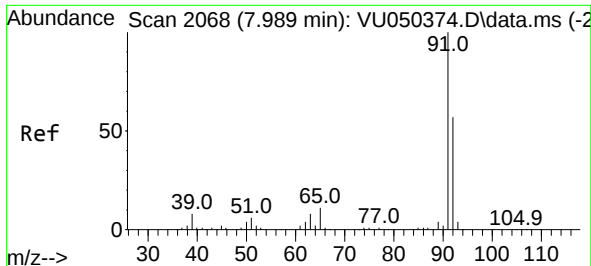
Tgt Ion: 69 Resp: 149069

Ion Ratio Lower Upper

69 100

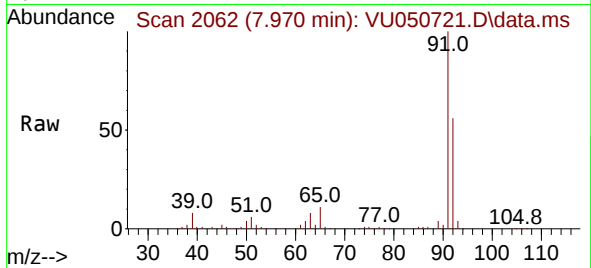
41 59.1 32.3 96.9





#49
Toluene
Concen: 11.706 ug/l
RT: 7.970 min Scan# 2068
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

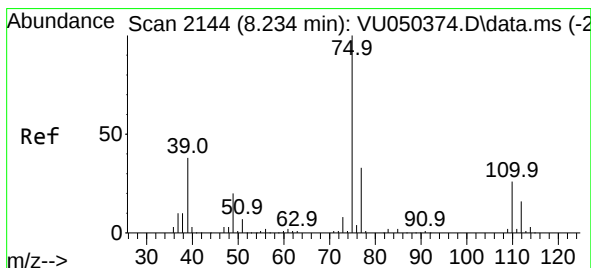
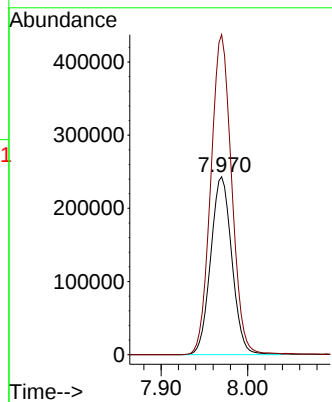
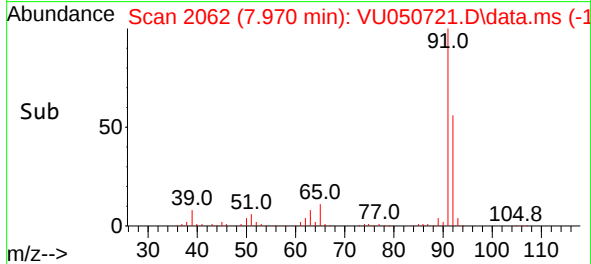
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 92 Resp: 413015
Ion Ratio Lower Upper
92 100
91 177.6 138.6 207.8

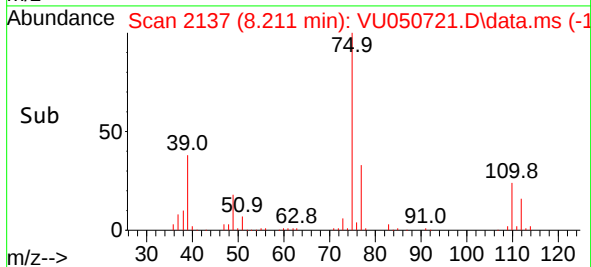
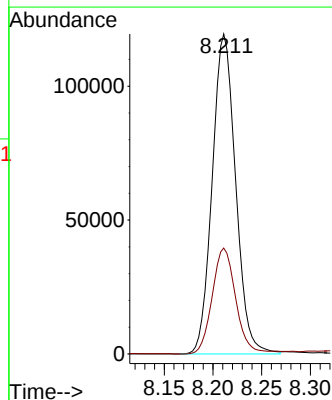
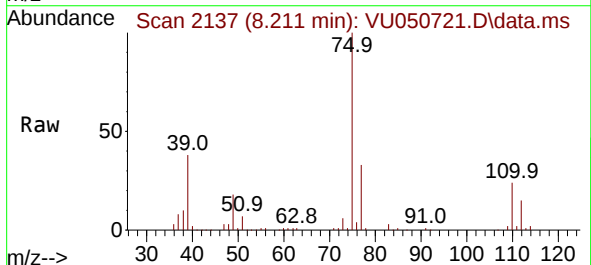
Manual Integrations
APPROVED

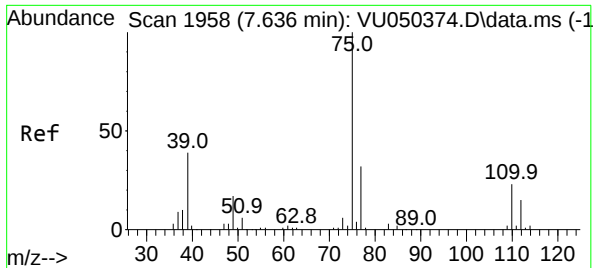
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#50
t-1,3-Dichloropropene
Concen: 11.434 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Tgt Ion: 75 Resp: 199606
Ion Ratio Lower Upper
75 100
77 33.1 24.7 37.1





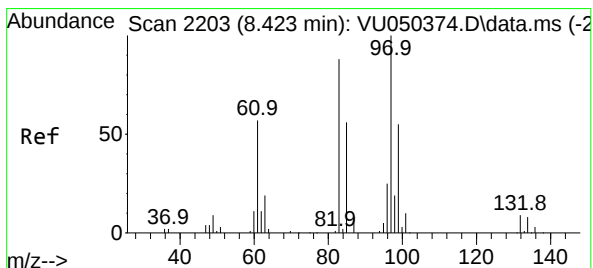
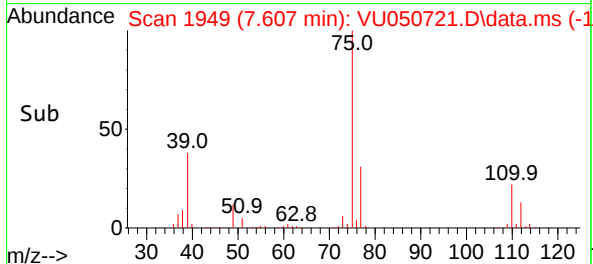
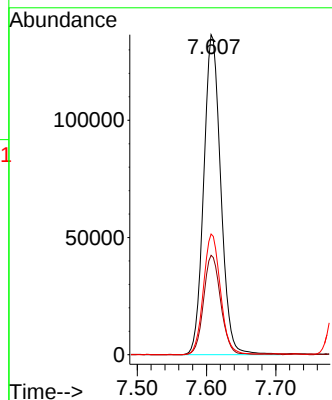
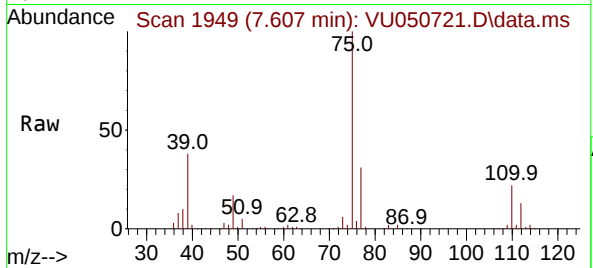
#51
 cis-1,3-Dichloropropene
 Concen: 11.658 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.003 min
 Lab File: VU050721.D
 Acq: 16 Sep 2022 11:32

Instrument : MSVOA_U
 ClientSampleId : VSTDCCC010

Tgt Ion: 75 Resp: 232992
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 37.5 35.1 52.7

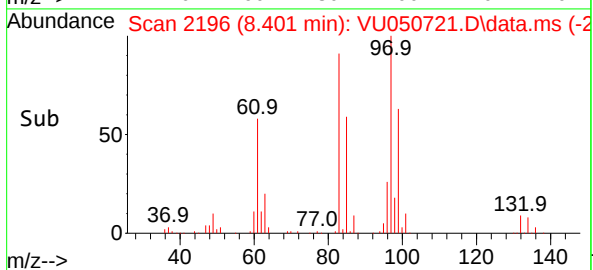
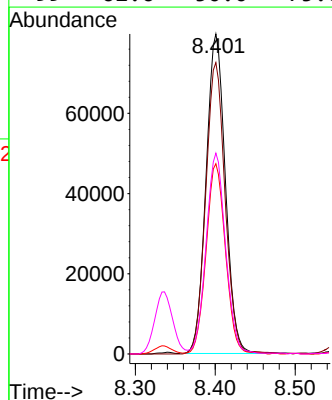
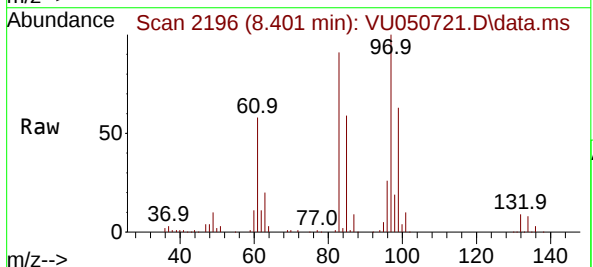
Manual Integrations
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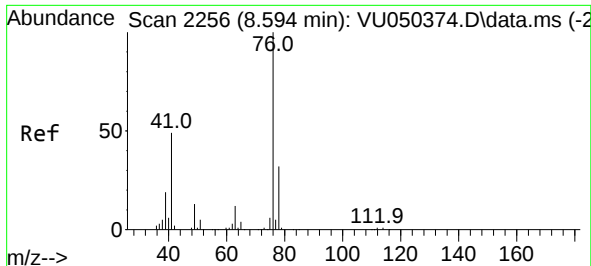
Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#52
 1,1,2-Trichloroethane
 Concen: 9.589 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: VU050721.D
 Acq: 16 Sep 2022 11:32

Tgt Ion: 97 Resp: 133896
 Ion Ratio Lower Upper
 97 100
 83 91.2 70.6 106.0
 85 59.5 46.2 69.4
 99 62.6 50.0 75.0





#53

1,3-Dichloropropane

Concen: 10.375 ug/l

RT: 8.574 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 22816

Ion Ratio Lower Upper

76 100

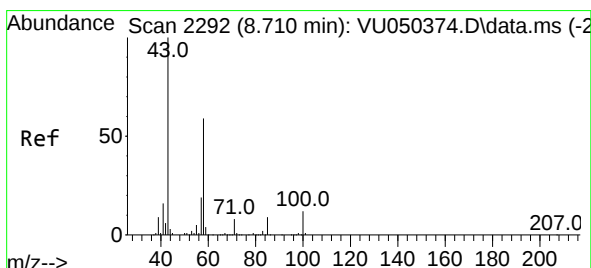
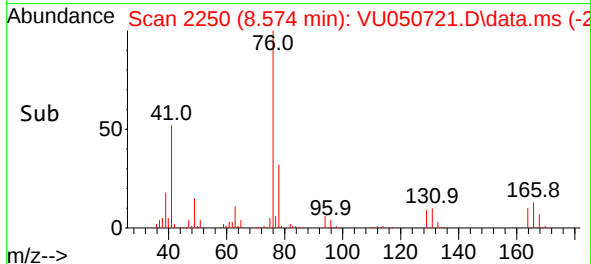
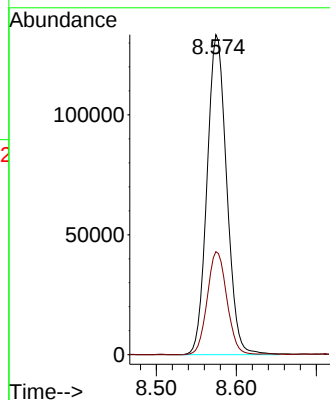
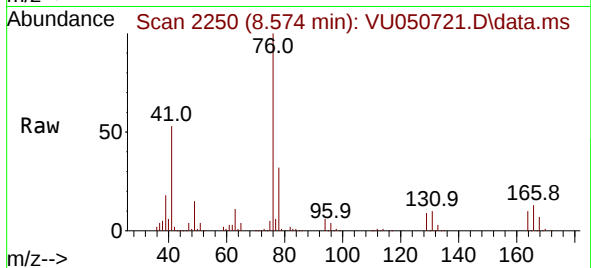
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#54

2-Hexanone

Concen: 56.235 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.003 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

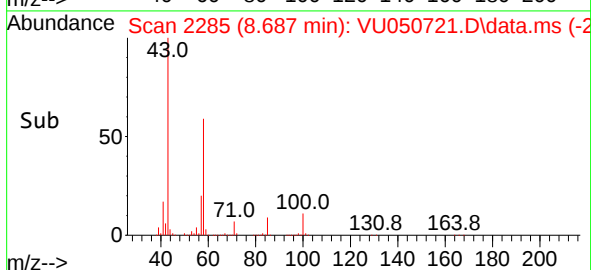
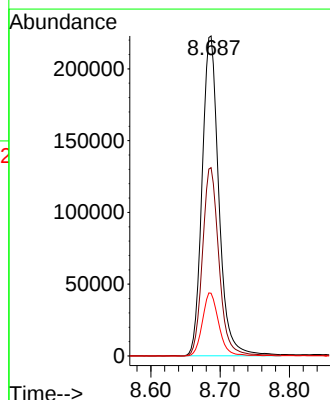
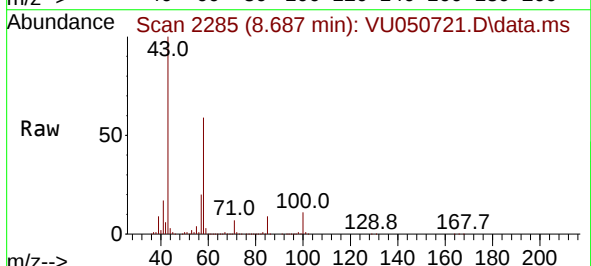
Tgt Ion: 43 Resp: 373508

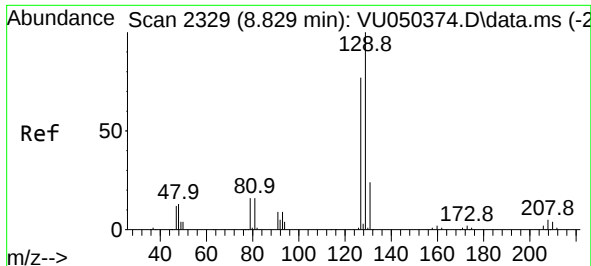
Ion Ratio Lower Upper

43 100

58 57.8 37.1 77.1

57 19.2 0.0 39.5





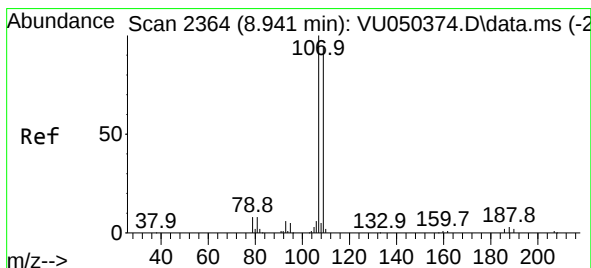
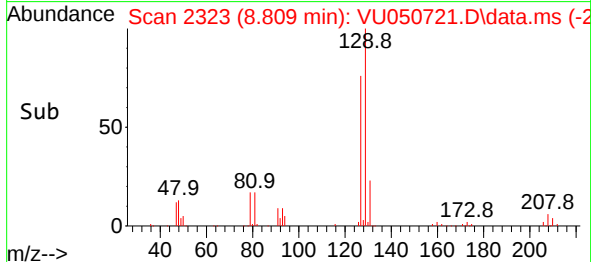
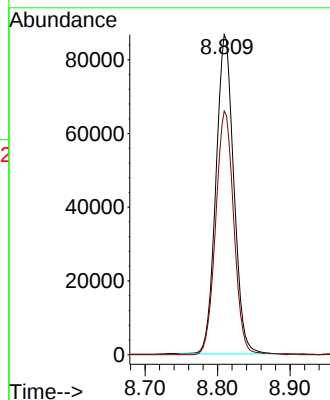
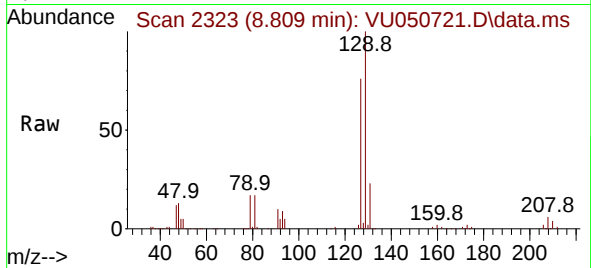
#55
Dibromochloromethane
Concen: 9.637 ug/l
RT: 8.809 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:129 Resp: 148039
Ion Ratio Lower Upper
129 100
127 77.6 61.2 91.8

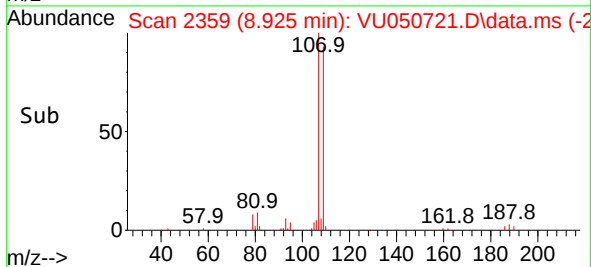
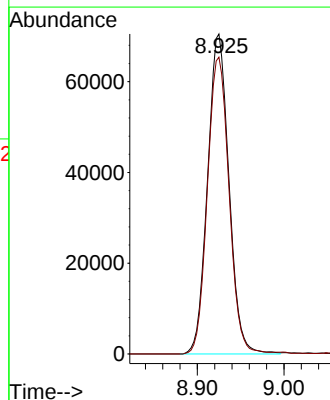
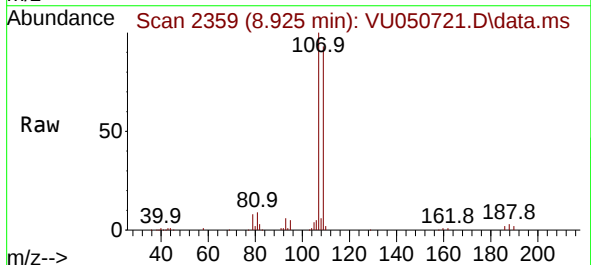
Manual Integrations
APPROVED

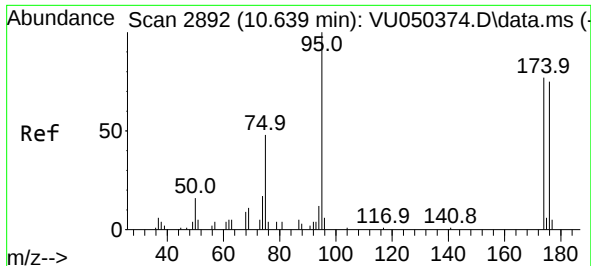
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#56
1,2-Dibromoethane
Concen: 9.645 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

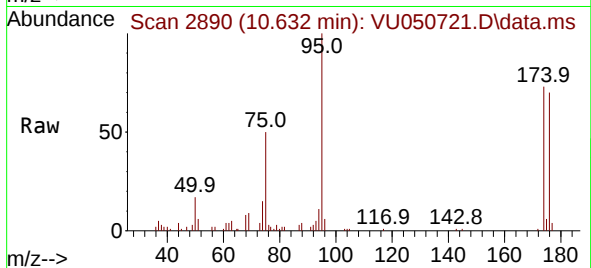
Tgt Ion:107 Resp: 120963
Ion Ratio Lower Upper
107 100
109 93.7 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 1.169 ug/l
RT: 10.632 min Scan# 21174
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

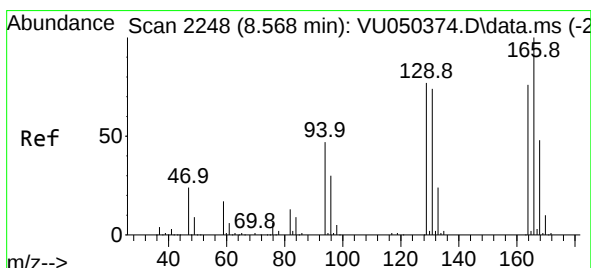
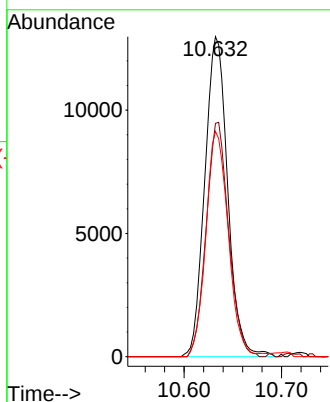
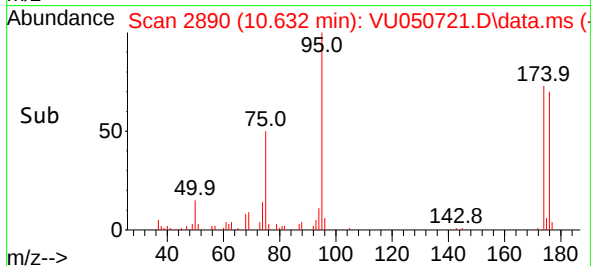
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



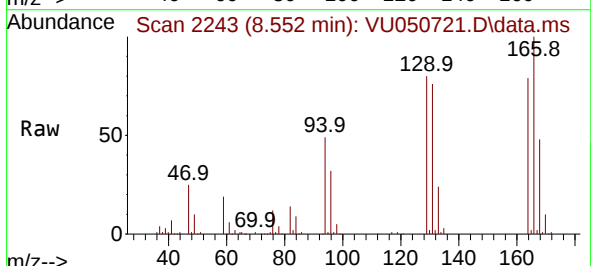
Tgt Ion: 95 Resp: 21174
Ion Ratio Lower Upper
95 100
174 72.0 62.4 93.6
176 69.1 56.2 84.2

Manual Integrations
APPROVED

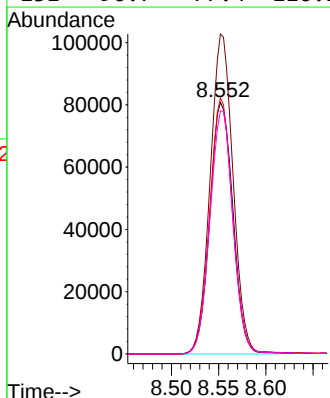
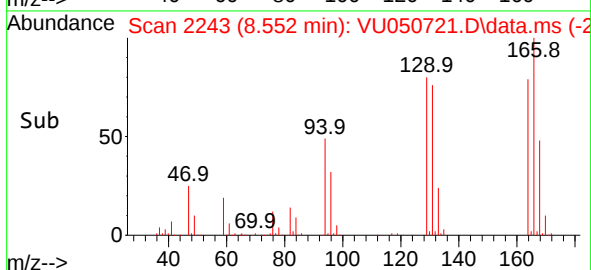
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

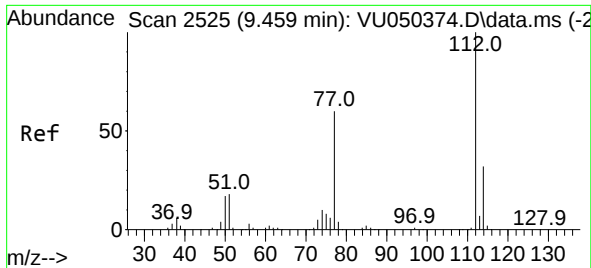


#58
Tetrachloroethene
Concen: 9.291 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32



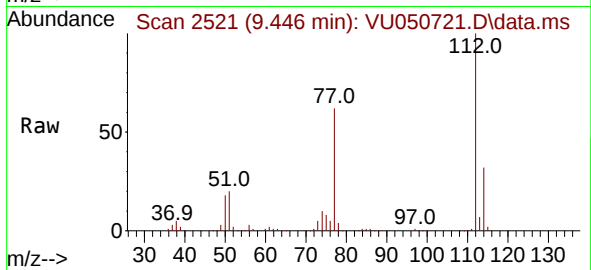
Tgt Ion:164 Resp: 137633
Ion Ratio Lower Upper
164 100
166 127.2 102.4 153.6
129 101.8 79.5 119.3
131 96.7 77.4 116.2





#59
Chlorobenzene
Concen: 11.095 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

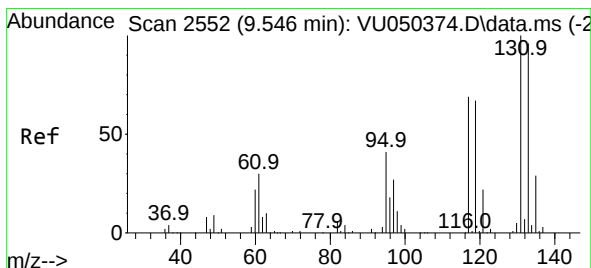
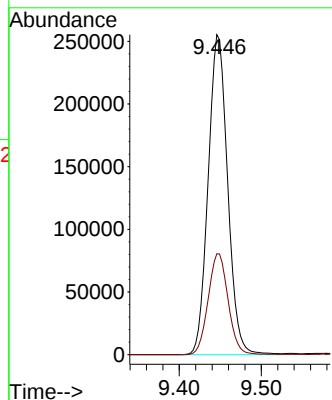
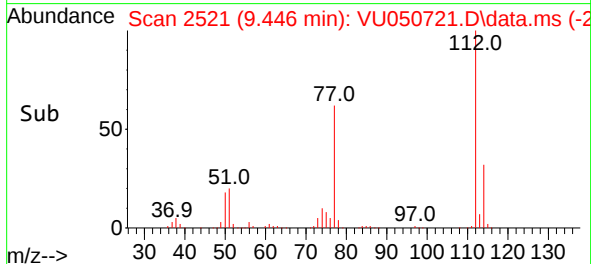
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



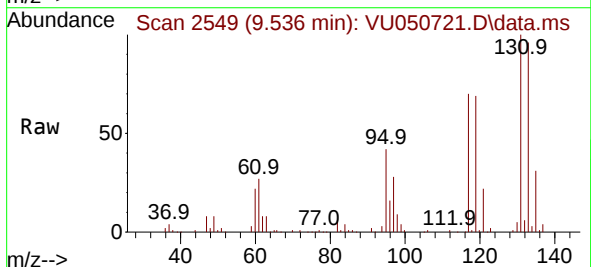
Tgt Ion:112 Resp: 42241
Ion Ratio Lower Upper
112 100
114 31.6 24.9 37.3

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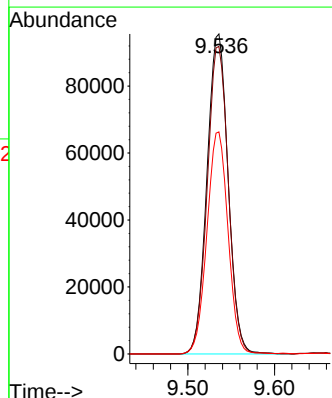
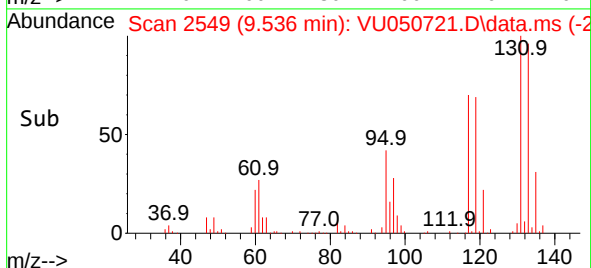
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

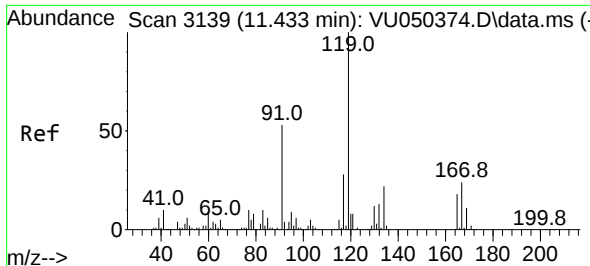


#60
1,1,1,2-Tetrachloroethane
Concen: 10.131 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32



Tgt Ion:131 Resp: 162119
Ion Ratio Lower Upper
131 100
133 95.8 78.3 117.5
119 69.2 53.2 79.8





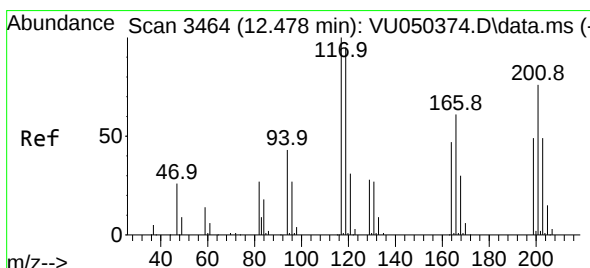
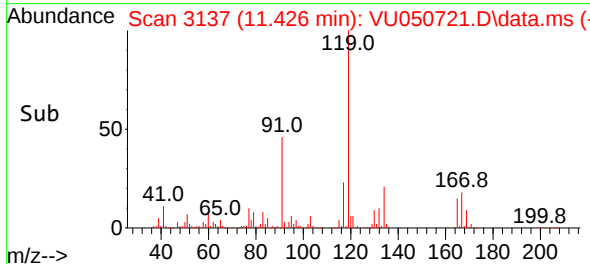
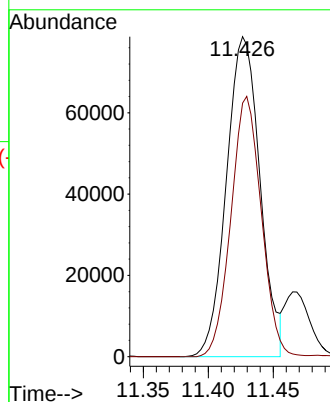
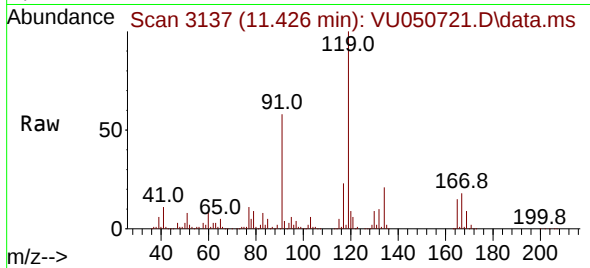
#61
 Pentachloroethane
 Concen: 10.630 ug/l
 RT: 11.426 min Scan# 3139
 Delta R.T. -0.003 min
 Lab File: VU050721.D
 Acq: 16 Sep 2022 11:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:117 Resp: 141558
 Ion Ratio Lower Upper
 117 100
 167 73.7 66.2 99.4

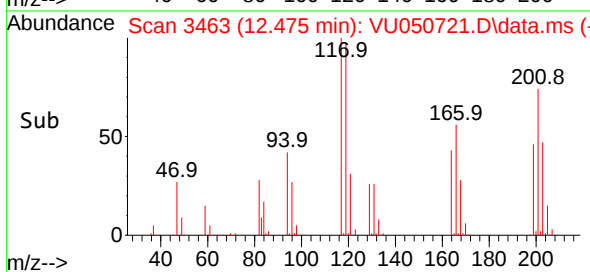
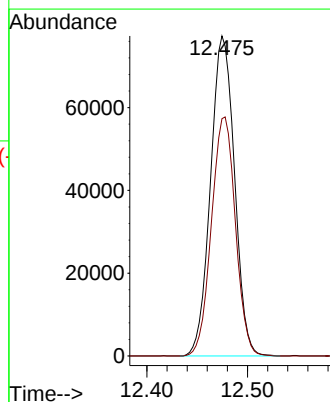
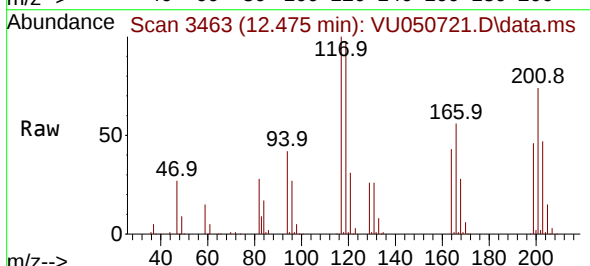
Manual Integrations
 APPROVED

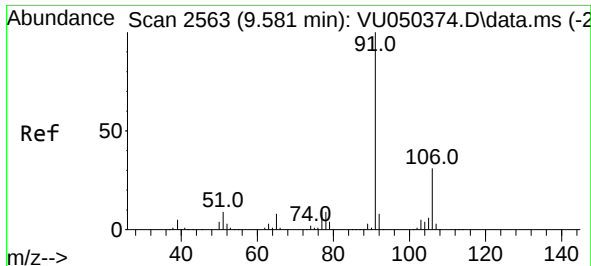
Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#62
 Hexachloroethane
 Concen: 11.547 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.000 min
 Lab File: VU050721.D
 Acq: 16 Sep 2022 11:32

Tgt Ion:117 Resp: 127918
 Ion Ratio Lower Upper
 117 100
 201 74.7 61.0 91.4





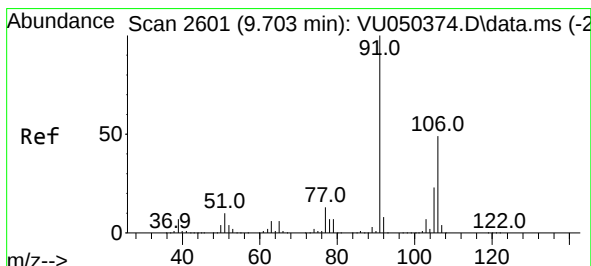
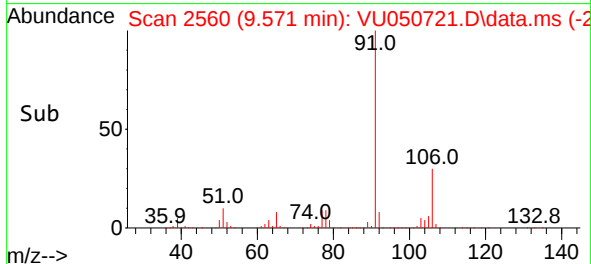
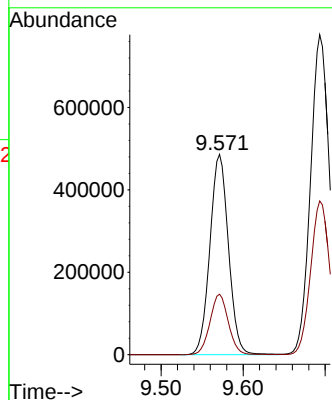
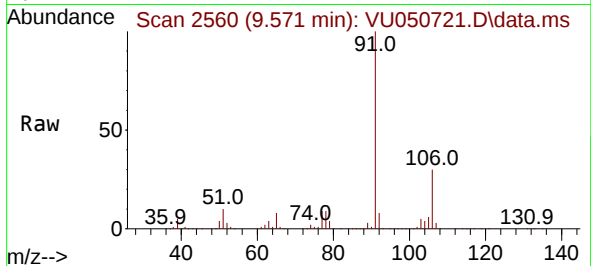
#63
Ethyl Benzene
Concen: 9.943 ug/l
RT: 9.571 min Scan# 2563
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 76567
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6

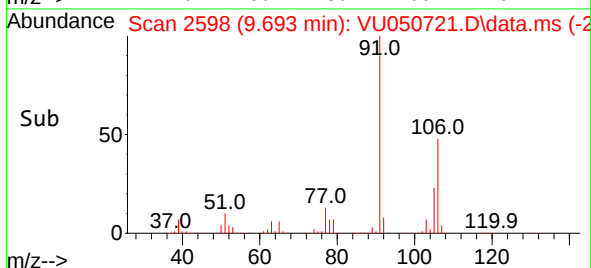
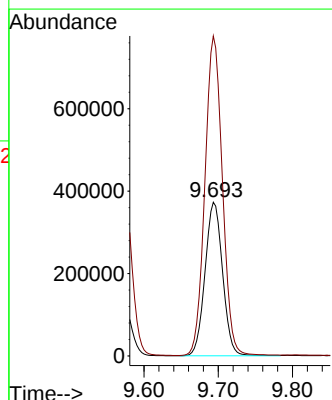
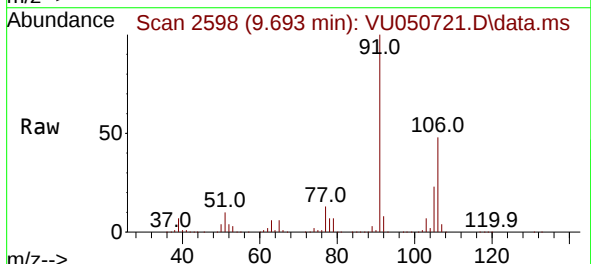
Manual Integrations
APPROVED

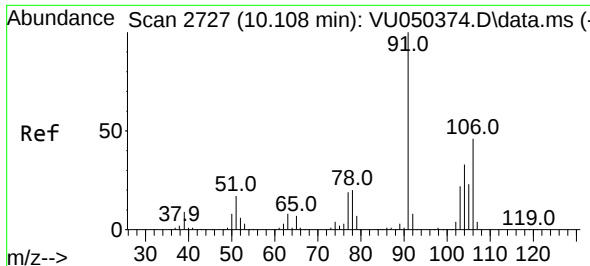
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#64
m/p-Xylenes
Concen: 19.991 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Tgt Ion:106 Resp: 611280
Ion Ratio Lower Upper
106 100
91 206.9 167.8 251.6





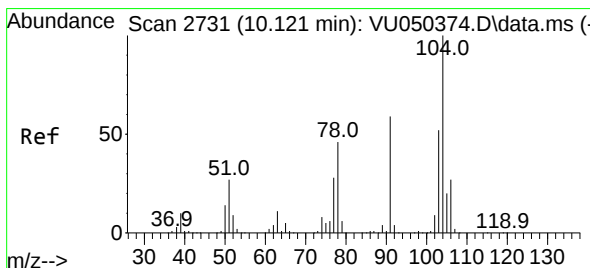
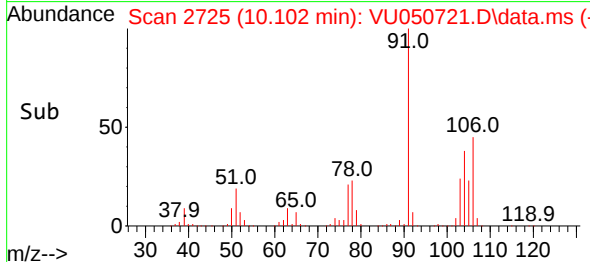
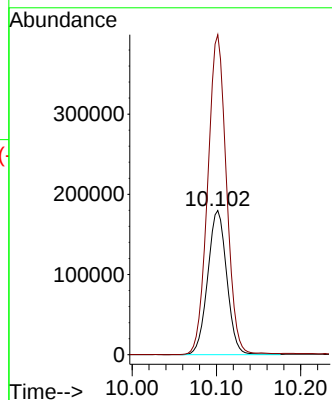
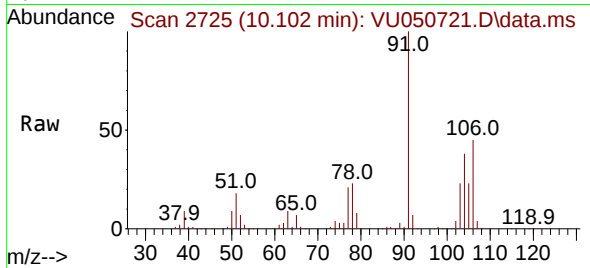
#65
o-Xylene
Concen: 9.936 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 282789
Ion Ratio Lower Upper
106 100
91 218.9 111.1 333.2

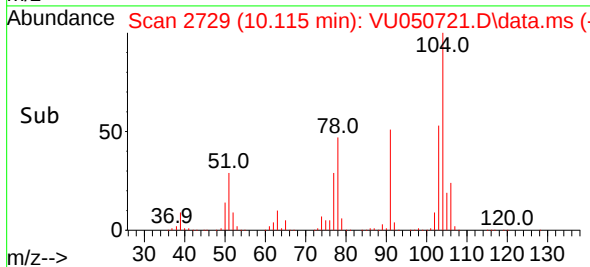
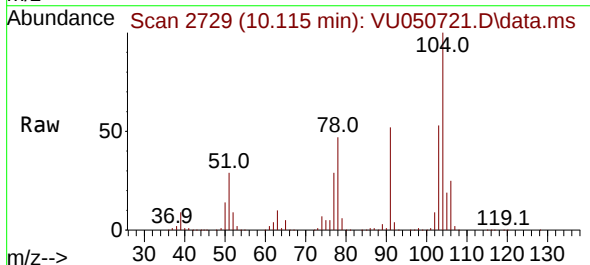
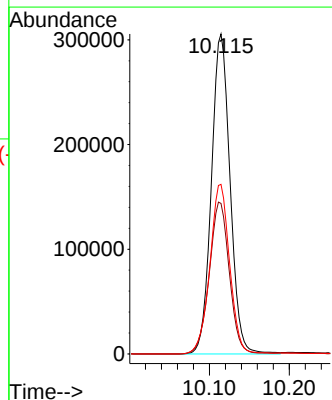
Manual Integrations
APPROVED

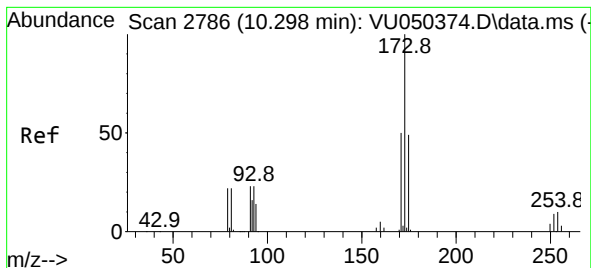
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#66
Styrene
Concen: 9.813 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Tgt Ion:104 Resp: 497336
Ion Ratio Lower Upper
104 100
78 50.9 42.1 63.1
103 56.0 44.5 66.7





#67

Bromoform

Concen: 9.672 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

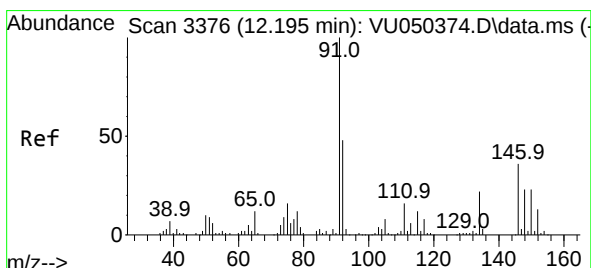
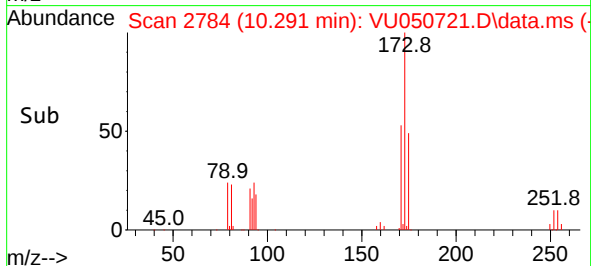
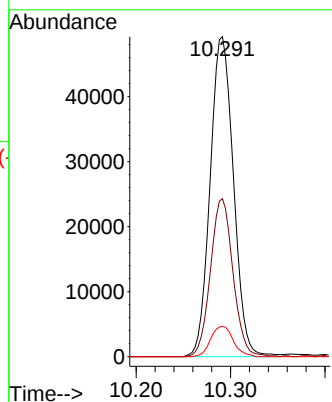
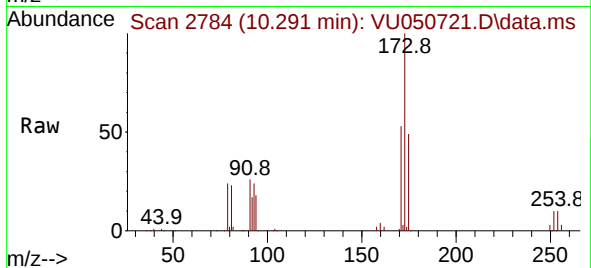
Tgt Ion:173	Resp:	8437
Ion Ratio	Lower	Upper
173	100	
175	47.7	38.4 57.6
254	9.2	7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#68

1,2-Dichlorobenzene-d4

Concen: 0.922 ug/l

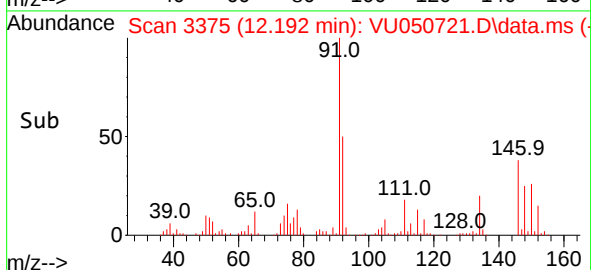
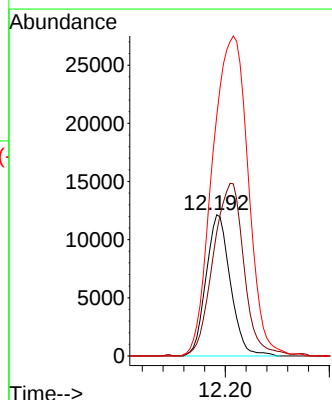
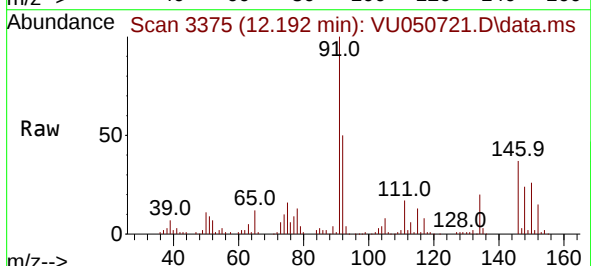
RT: 12.192 min Scan# 3375

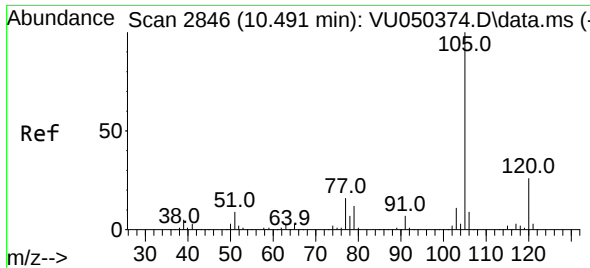
Delta R.T. -0.003 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

Tgt Ion:152	Resp:	19731
Ion Ratio	Lower	Upper
152	100	
115	154.7	0.0 254.6
150	333.3	0.0 623.6





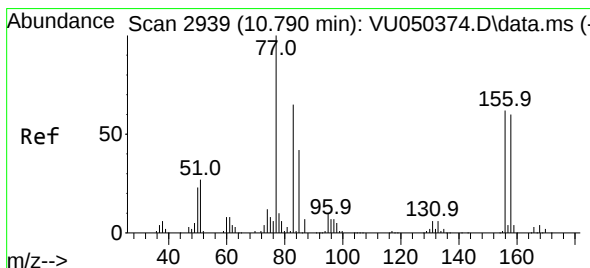
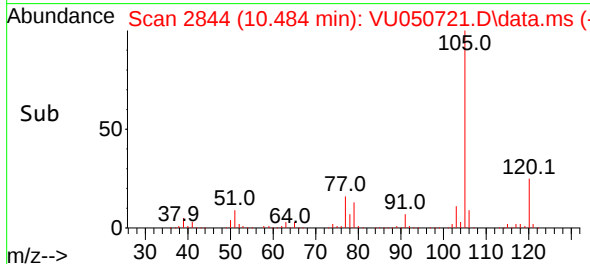
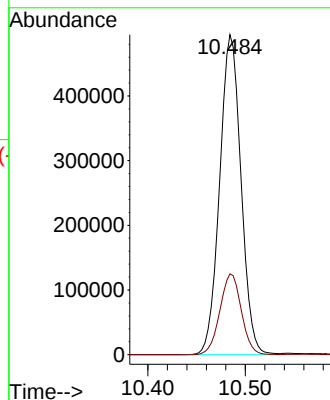
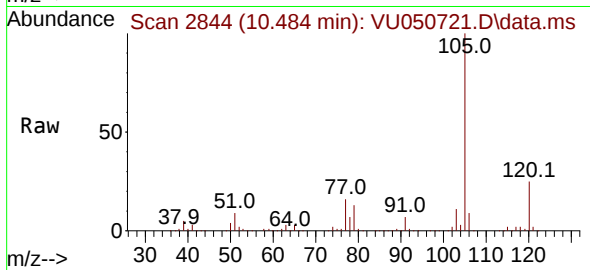
#69
Isopropylbenzene
Concen: 9.997 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 75241
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8

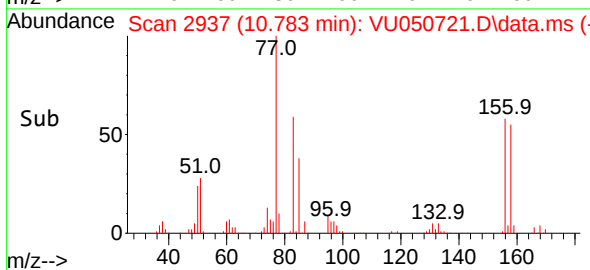
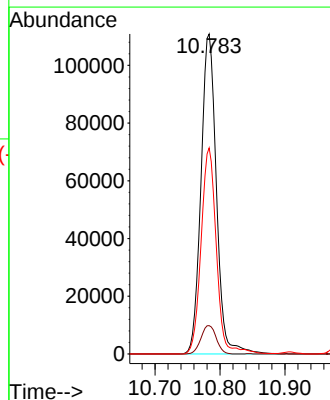
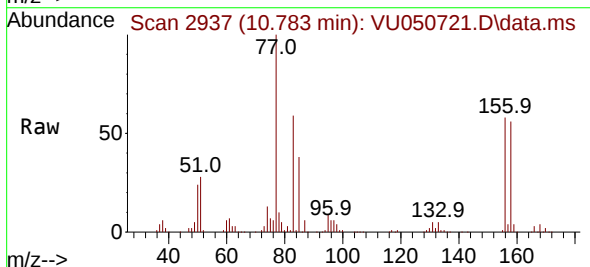
Manual Integrations
APPROVED

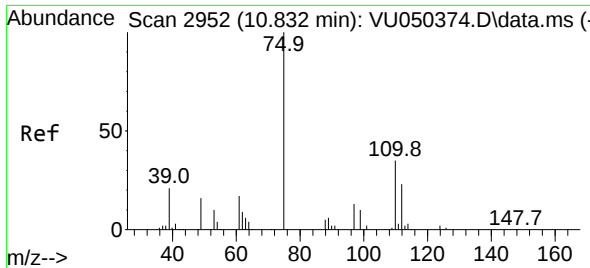
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 9.563 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

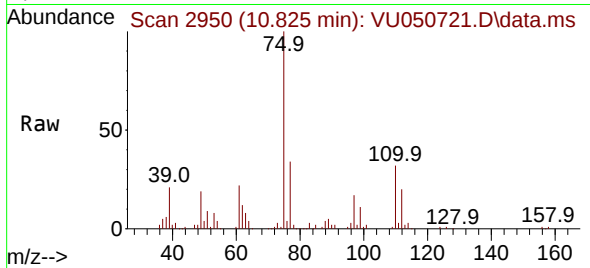
Tgt Ion: 83 Resp: 183787
Ion Ratio Lower Upper
83 100
131 8.8 7.7 11.5
85 63.7 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 9.798 ug/l m
RT: 10.825 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

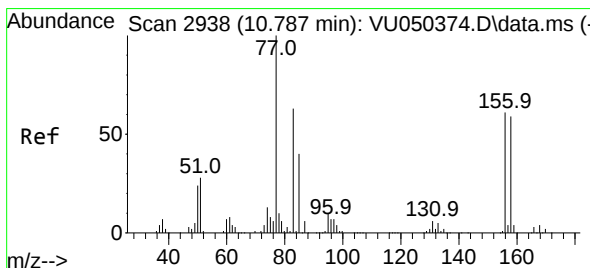
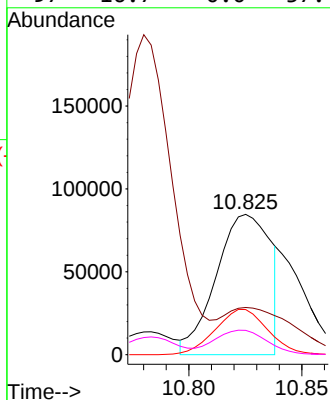
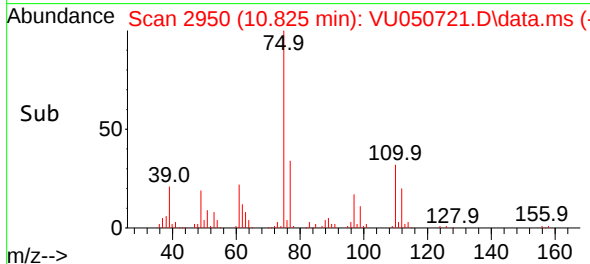
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



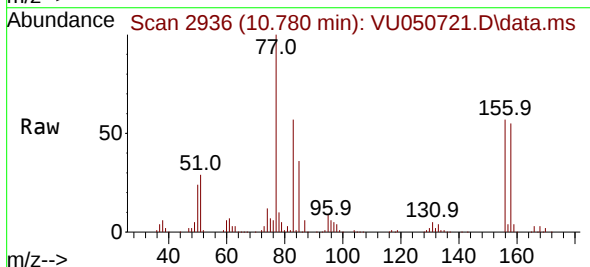
Tgt Ion: 75 Resp: 141592
Ion Ratio Lower Upper
75 100
77 43.0 0.0 112.4
110 31.5 0.0 70.6
97 16.7 0.0 37.4

Manual Integrations
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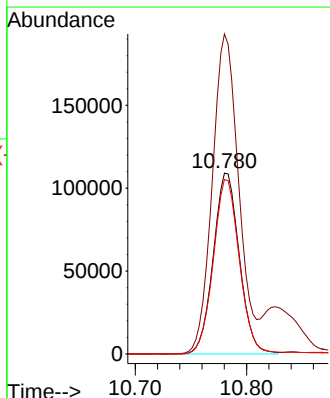
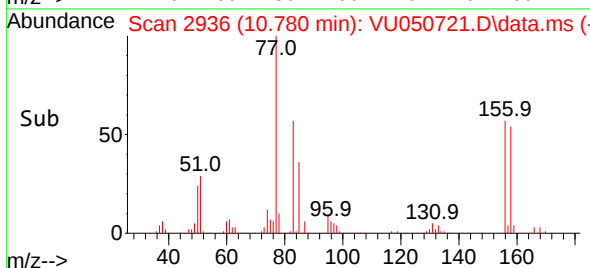
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

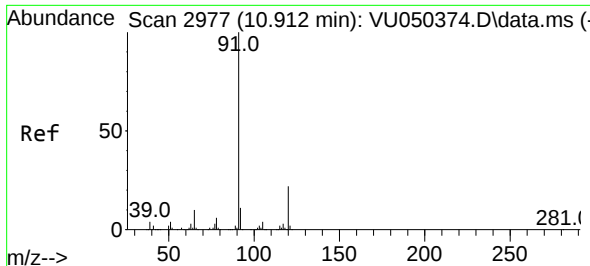


#72
Bromobenzene
Concen: 10.773 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32



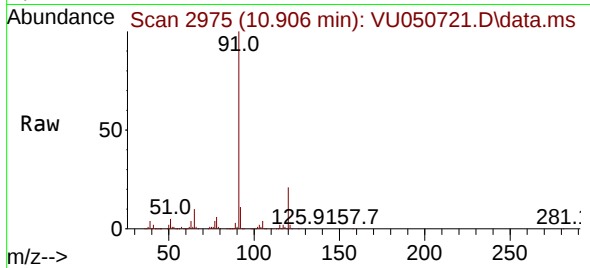
Tgt Ion:156 Resp: 177077
Ion Ratio Lower Upper
156 100
77 178.5 0.0 344.4
158 96.6 0.0 192.2





#73
n-propylbenzene
Concen: 9.606 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

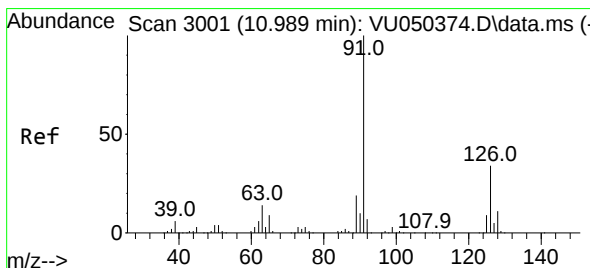
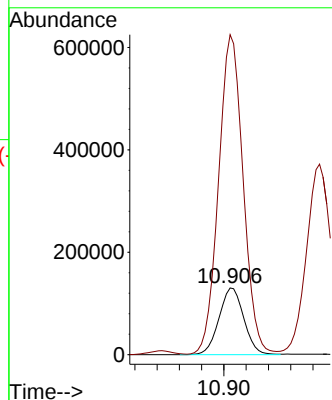
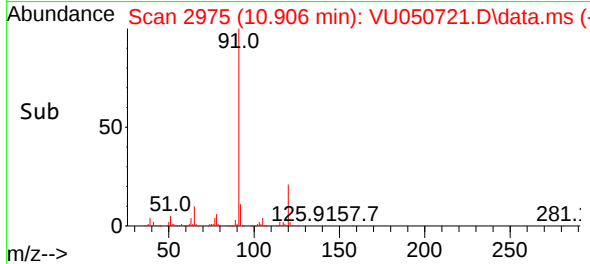
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:120 Resp: 20135
Ion Ratio Lower Upper
120 100
91 474.4 367.8 551.6

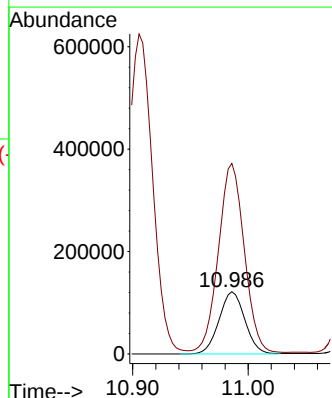
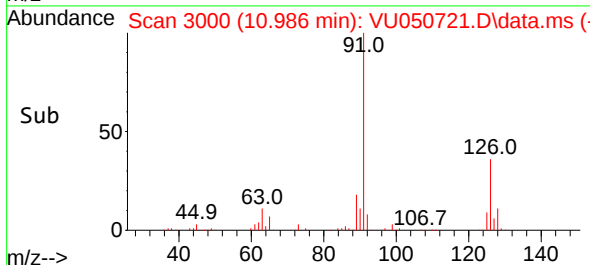
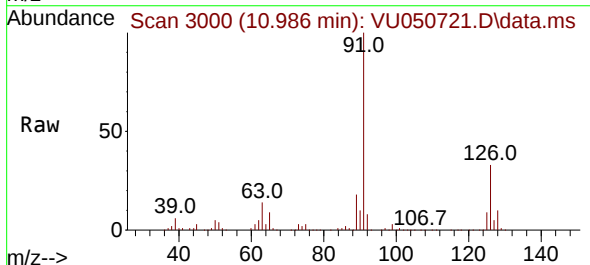
Manual Integrations
APPROVED

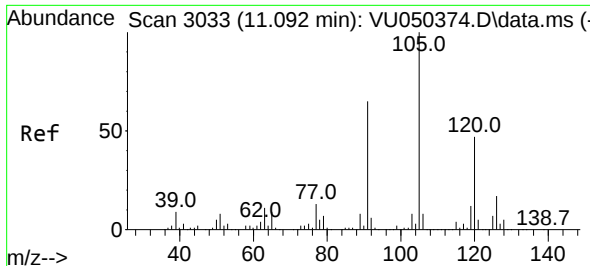
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#74
2-Chlorotoluene
Concen: 9.927 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

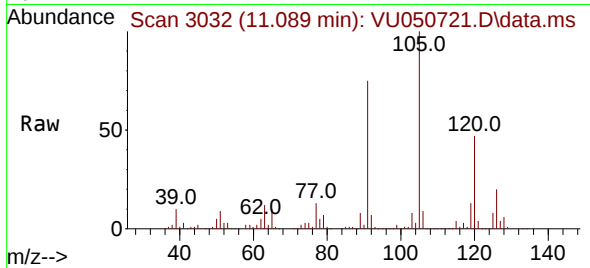
Tgt Ion:126 Resp: 188859
Ion Ratio Lower Upper
126 100
91 304.4 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 9.944 ug/l
RT: 11.089 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

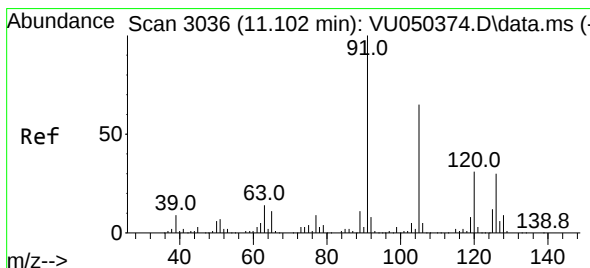
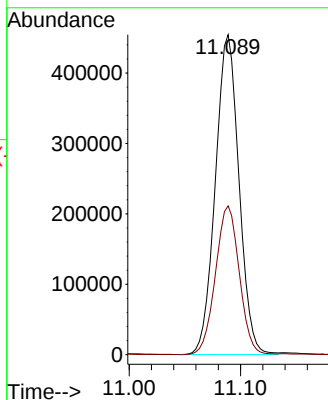
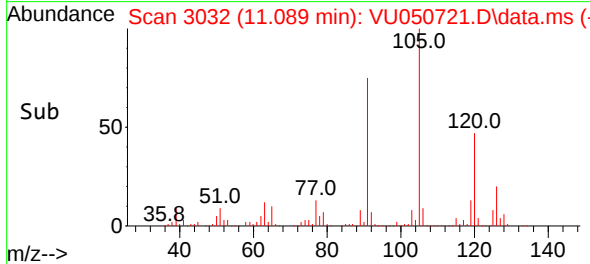
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



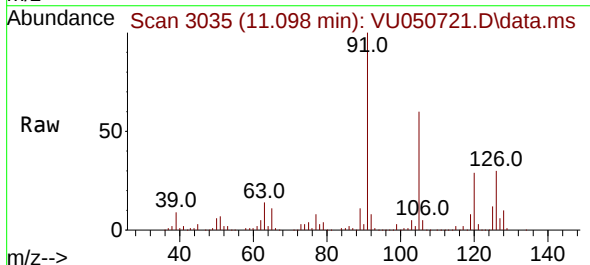
Tgt Ion:105 Resp: 66905
Ion Ratio Lower Upper
105 100
120 46.9 37.6 56.4

Manual Integrations
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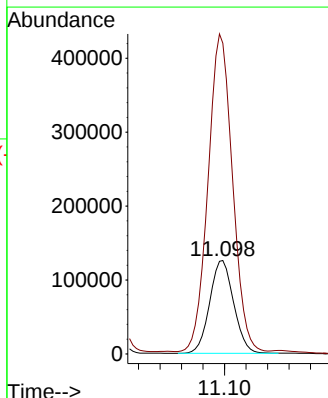
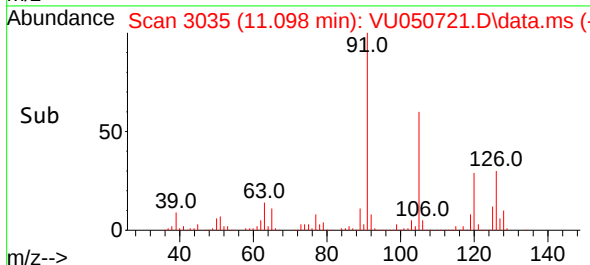
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

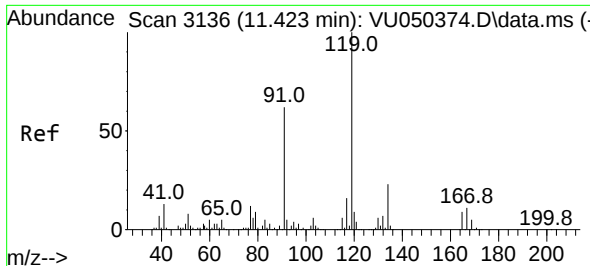


#76
4-Chlorotoluene
Concen: 9.781 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32



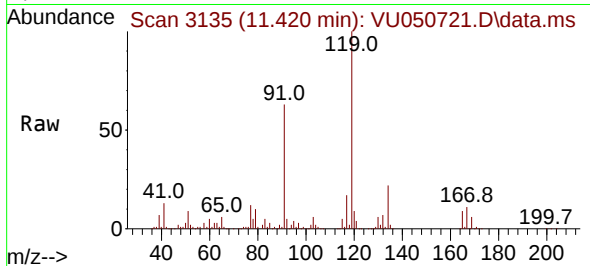
Tgt Ion:126 Resp: 193970
Ion Ratio Lower Upper
126 100
91 348.6 0.0 738.8





#77
tert-Butylbenzene
Concen: 9.817 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

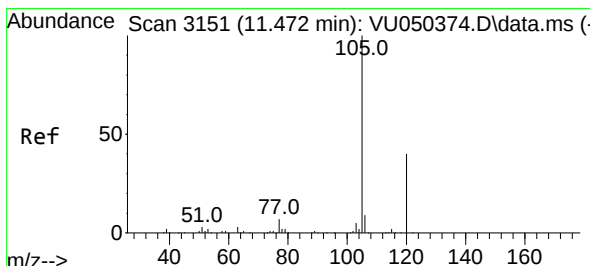
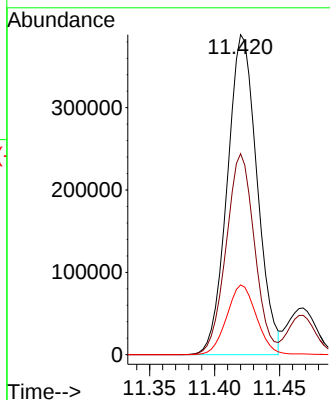
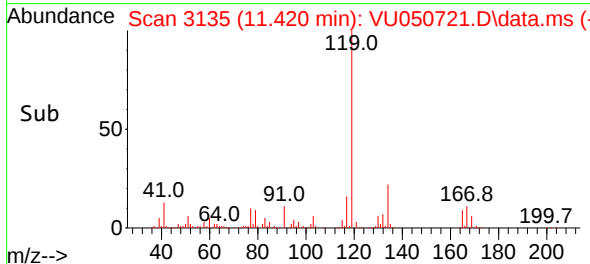
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 621454
Ion Ratio Lower Upper
119 100
91 60.0 30.4 91.3
134 21.8 17.8 26.6

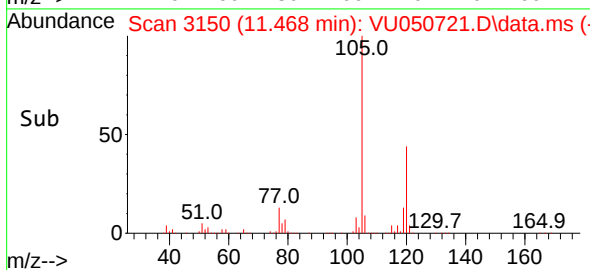
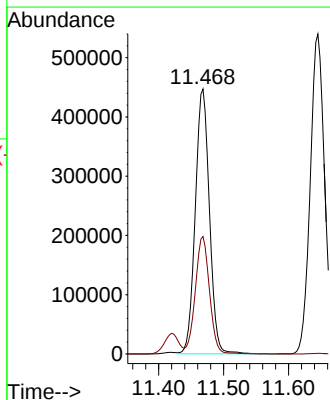
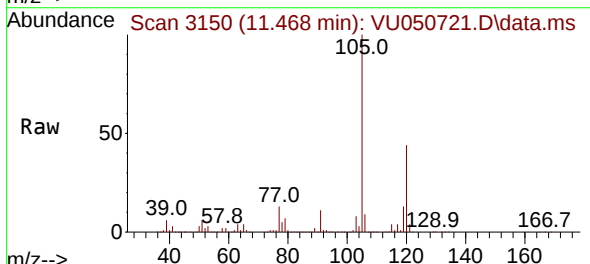
Manual Integrations
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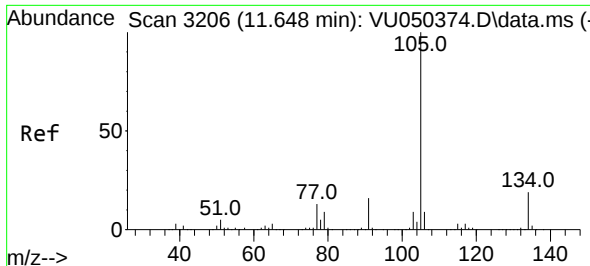
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#78
1,2,4-Trimethylbenzene
Concen: 9.667 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

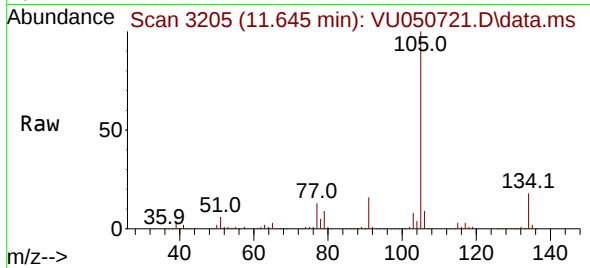
Tgt Ion:105 Resp: 679086
Ion Ratio Lower Upper
105 100
120 44.4 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 9.644 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU050721.D
 Acq: 16 Sep 2022 11:32

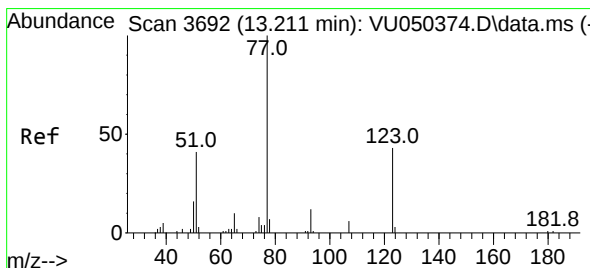
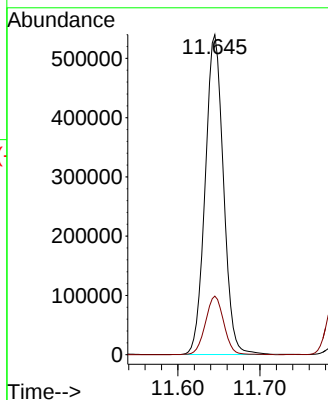
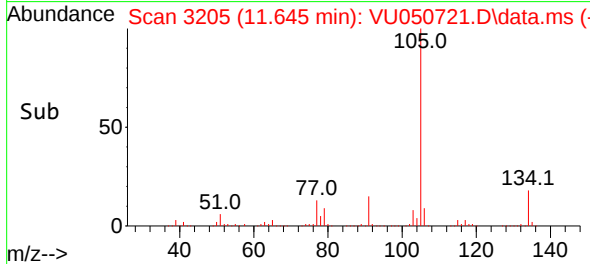
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



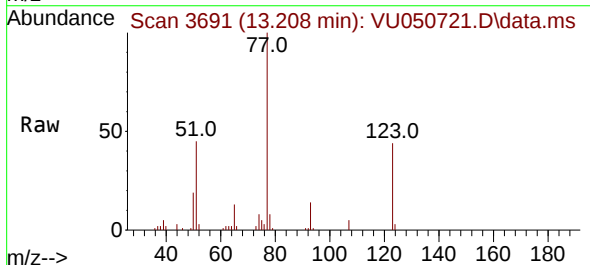
Tgt Ion:105 Resp: 83468
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.4 23.0

Manual Integrations
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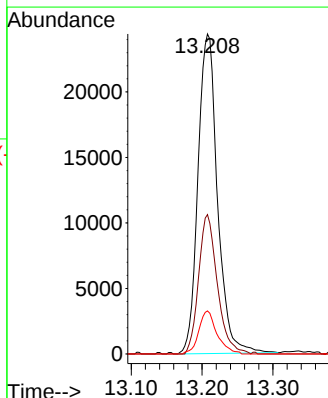
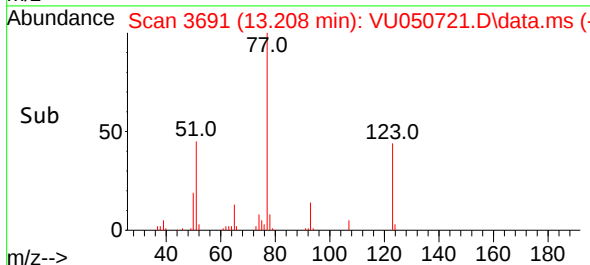
Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/21/2022

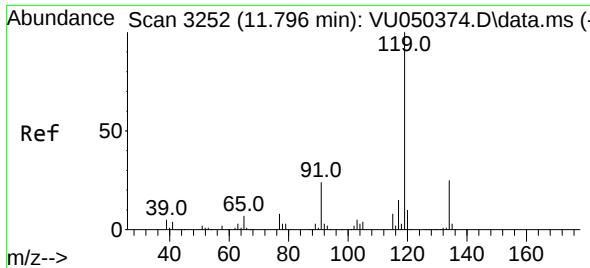


#80
 Nitrobenzene
 Concen: 44.770 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU050721.D
 Acq: 16 Sep 2022 11:32



Tgt Ion: 77 Resp: 46675
 Ion Ratio Lower Upper
 77 100
 123 41.7 18.1 64.3
 65 12.6 10.8 13.8





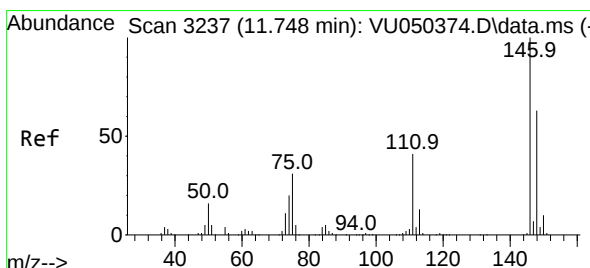
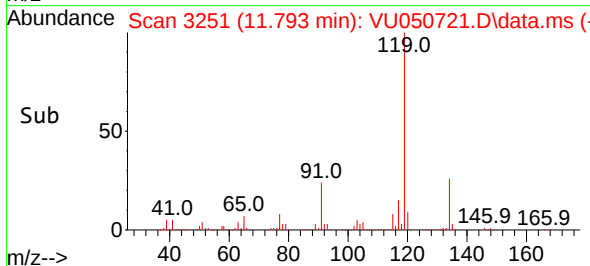
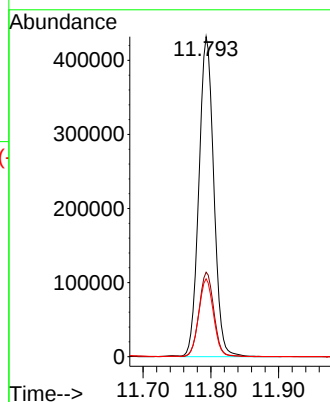
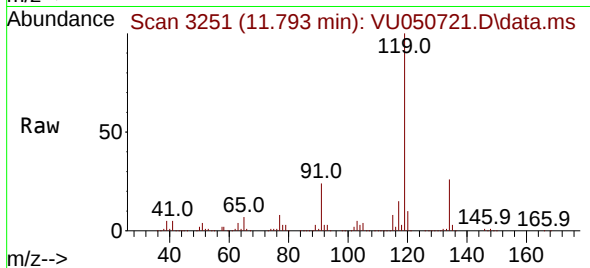
#81
p-Isopropyltoluene
Concen: 9.323 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 657514
Ion Ratio Lower Upper
119 100
134 26.2 20.5 30.7
91 24.0 19.8 29.6

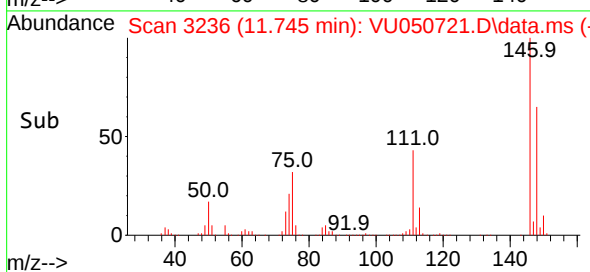
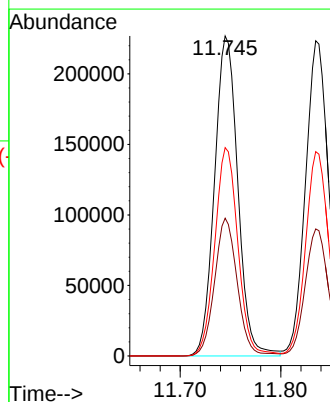
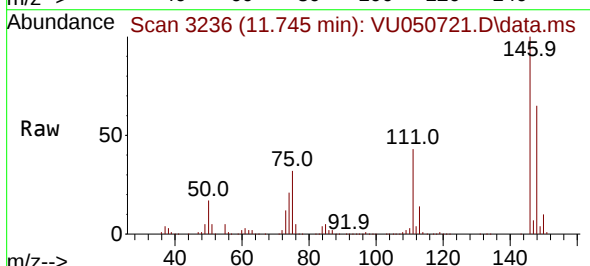
Manual Integrations
APPROVED

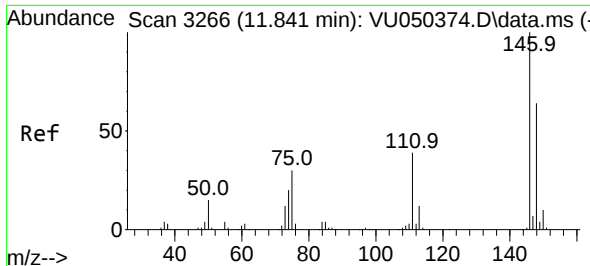
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#82
1,3-Dichlorobenzene
Concen: 10.813 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

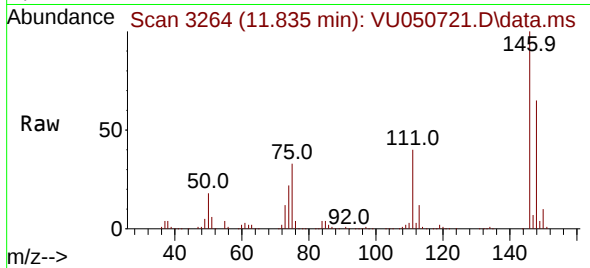
Tgt Ion:146 Resp: 365952
Ion Ratio Lower Upper
146 100
111 42.0 33.4 50.2
148 64.6 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 10.869 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

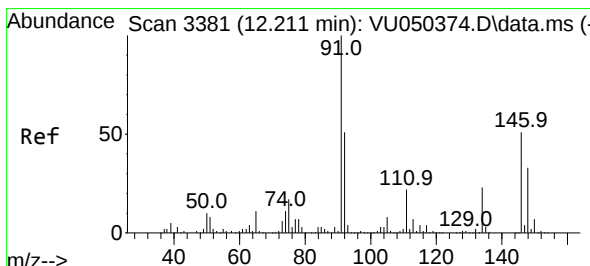
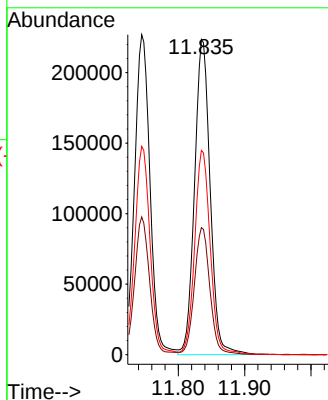
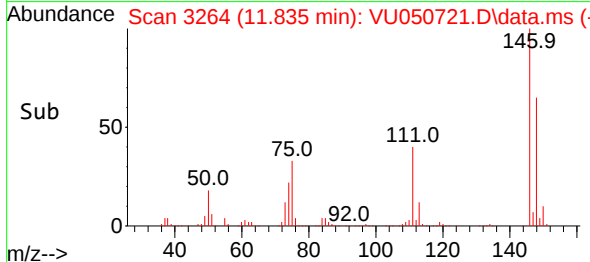
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



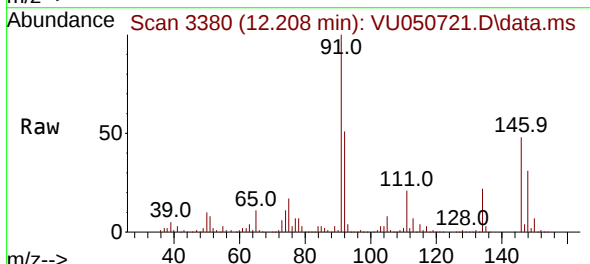
Tgt Ion:146 Resp: 36569
Ion Ratio Lower Upper
146 100
111 40.0 32.6 49.0
148 64.4 51.6 77.4

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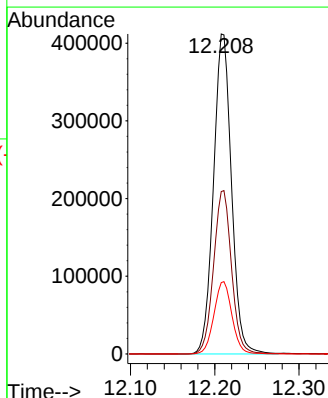
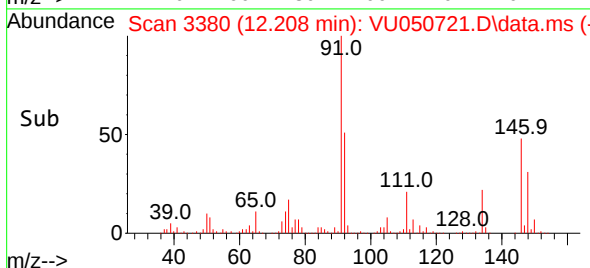
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

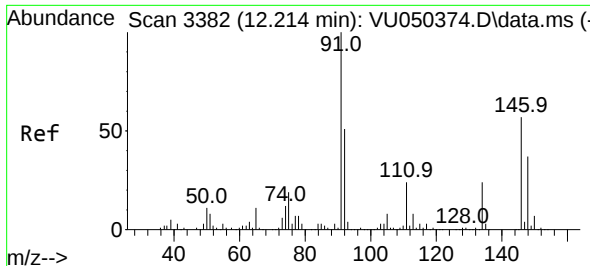


#84
n-Butylbenzene
Concen: 9.438 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32



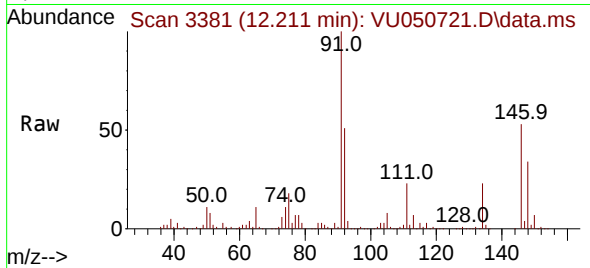
Tgt Ion: 91 Resp: 609603
Ion Ratio Lower Upper
91 100
92 51.1 42.3 63.5
134 22.6 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 10.626 ug/l
RT: 12.211 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

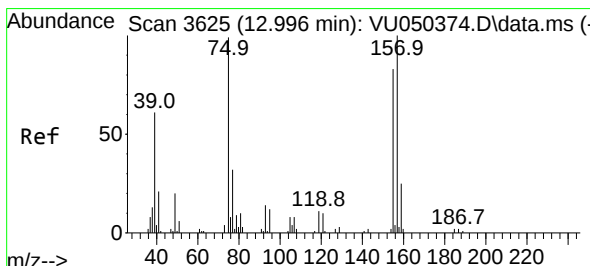
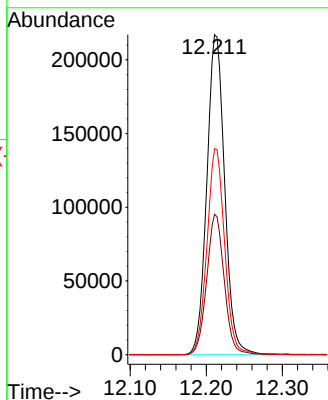
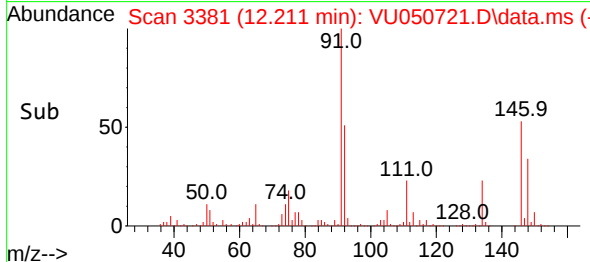
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 353540
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.1
148 63.8 32.1 96.3

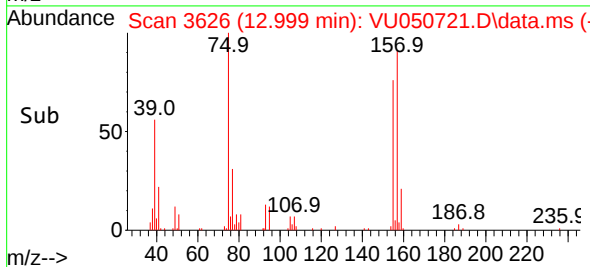
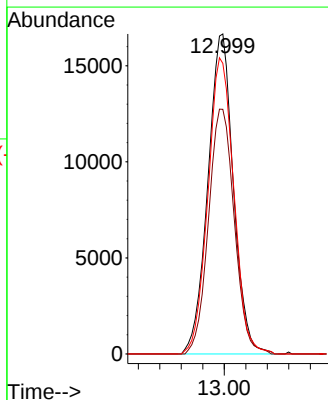
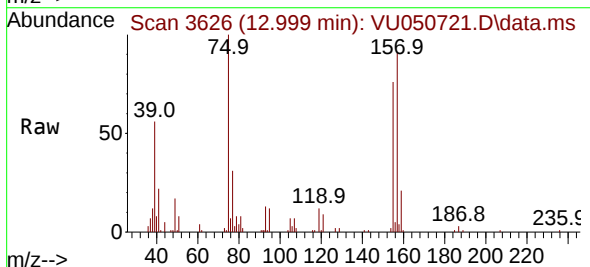
Manual Integrations
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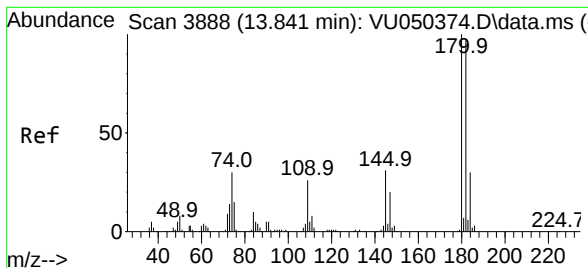
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.045 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

Tgt Ion: 75 Resp: 27429
Ion Ratio Lower Upper
75 100
155 77.5 66.8 100.2
157 93.9 83.8 125.8





#87

1,2,4-Trichlorobenzene

Concen: 11.140 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

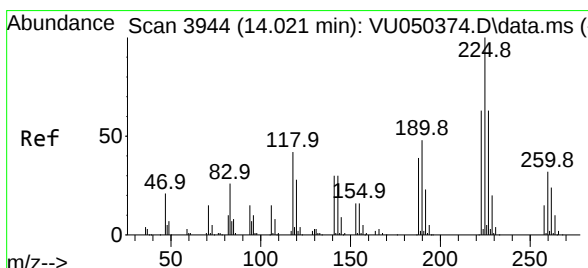
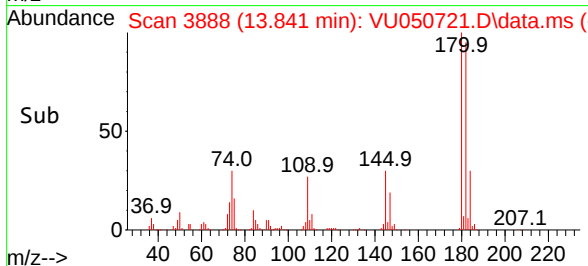
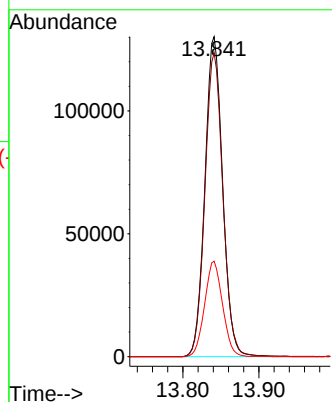
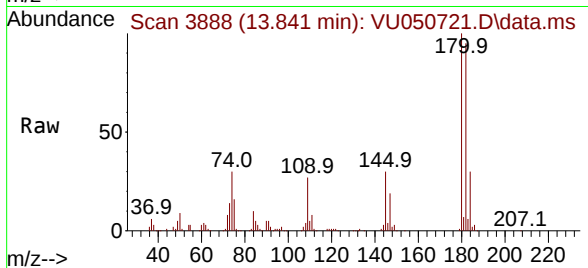
Tgt Ion:	180	Resp:	211472
Ion Ratio	Lower	Upper	
180	100		
182	95.9	77.0	115.6
145	30.1	25.7	38.5

Manual Integrations

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Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#88

Hexachlorobutadiene

Concen: 10.181 ug/l

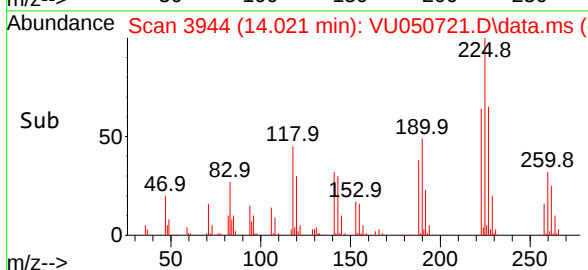
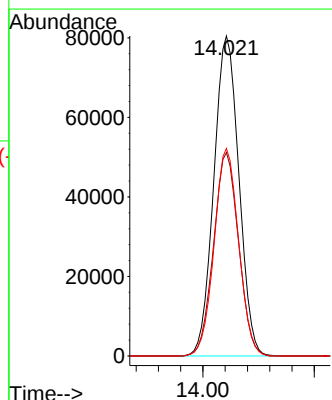
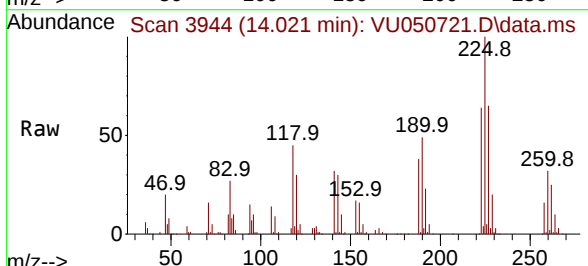
RT: 14.021 min Scan# 3944

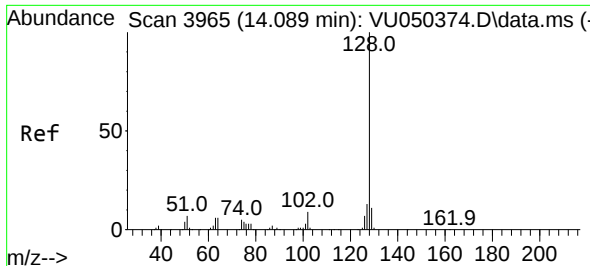
Delta R.T. -0.000 min

Lab File: VU050721.D

Acq: 16 Sep 2022 11:32

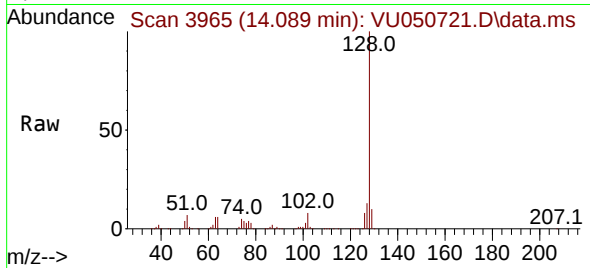
Tgt Ion:	225	Resp:	125788
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.6	76.0
227	63.3	50.7	76.1





#89
Naphthalene
Concen: 7.759 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32

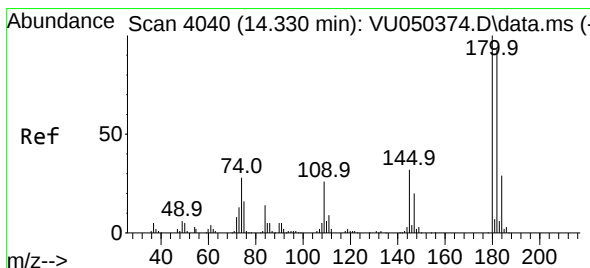
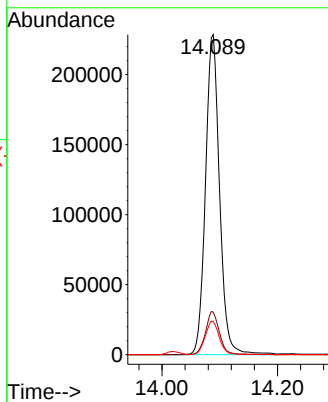
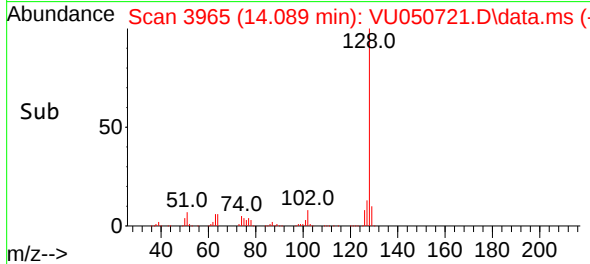
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



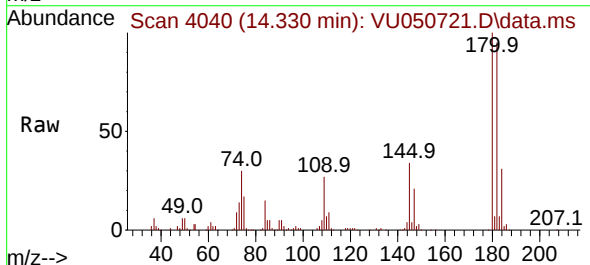
Tgt Ion:128 Resp: 387159
Ion Ratio Lower Upper
128 100
127 13.3 10.1 15.1
129 10.6 8.6 12.8

Manual Integrations
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Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#90
1,2,3-Trichlorobenzene
Concen: 8.620 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050721.D
Acq: 16 Sep 2022 11:32



Tgt Ion:180 Resp: 209651
Ion Ratio Lower Upper
180 100
182 95.7 76.6 114.8
145 33.0 27.3 40.9

