

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021522\
 Data File : VU047143.D
 Acq On : 15 Feb 2022 10:00
 Operator : SY/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 : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/18/2022

Quant Time: Feb 17 08:01:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	52173	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	22152	1.096	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	21866	1.039	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	192751	11.080	ug/l	100
3) Chloromethane	1.530	50	182288	10.203	ug/l	100
4) Vinyl Chloride	1.610	62	188753	10.702	ug/l	98
5) Bromomethane	1.867	94	118418	10.277	ug/l	99
6) Chloroethane	1.941	64	111295	10.983	ug/l	100
7) Trichlorofluoromethane	2.147	101	227916	10.963	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	131889	11.007	ug/l	94
9) 1,1-Dichloroethene	2.591	96	130580	10.589	ug/l	98
10) Iodomethane	2.732	142	151919	10.316	ug/l	99
11) Allyl Chloride	2.932	41	202017	10.509	ug/l	95
12) Acrylonitrile	3.327	53	69160	19.107	ug/l	94
13) Acetone	2.649	43	115108	53.666	ug/l	98
14) Carbon Disulfide	2.803	76	448631	10.755	ug/l	99
15) Methylene Chloride	3.054	84	143903	10.390	ug/l	99
16) trans-1,2-Dichloroethene	3.362	96	141640	10.883	ug/l	100
17) 1,1-Dichloroethane	3.880	63	255770	10.726	ug/l	99
18) 2-Butanone	4.719	43	204632	56.117	ug/l	99
19) Cyclohexane	5.395	56	240343m	10.879	ug/l	
20) Methylcyclohexane	6.768	83	267642	10.991	ug/l	96
21) 2,2-Dichloropropane	4.674	77	233988	10.980	ug/l	97
22) cis-1,2-Dichloroethene	4.674	96	156918	10.483	ug/l	97
23) Diethyl Ether	2.382	59	108161	10.853	ug/l	98
24) tert-Butyl Alcohol	3.256	59	68453	105.605	ug/l #	92
25) Methyl tert-Butyl Ether	3.372	73	376583	10.889	ug/l	100
26) Bromochloromethane	4.983	128	74800	11.112	ug/l	91
27) Chloroform	5.096	83	256031	10.581	ug/l	100
28) 1,1,1-Trichloroethane	5.324	97	228168	10.892	ug/l	97
29) 1,1-Dichloropropene	5.533	75	207050	10.797	ug/l	97
30) Carbon Tetrachloride	5.530	117	202972	11.021	ug/l	99
31) Isopropyl Ether	4.002	45	412554	10.817	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	419206	10.812	ug/l	97
33) Tert-Amyl methyl ether	5.944	73	392743	10.998	ug/l	98
34) Propionitrile	4.797	54	56814	52.937	ug/l #	93
35) Benzene	5.780	78	584357	10.874	ug/l	99
36) 1,2-Dichloroethane	5.800	62	180699	11.106	ug/l	100
37) Trichloroethene	6.546	130	160590	10.793	ug/l	94
38) 1,2-Dichloropropane	6.796	63	154292	10.850	ug/l	98
39) Methacrylonitrile	4.983	41	53949	11.007	ug/l	98
40) Methyl acrylate	4.854	55	91500	11.044	ug/l	97
41) Tetrahydrofuran	5.070	42	52269	20.935	ug/l	95
42) 1-Chlorobutane	5.465	56	278251	10.807	ug/l	98
43) Dibromomethane	6.925	93	88605	11.553	ug/l	93
44) Bromodichloromethane	7.112	83	199324	10.989	ug/l	100

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Instrument :
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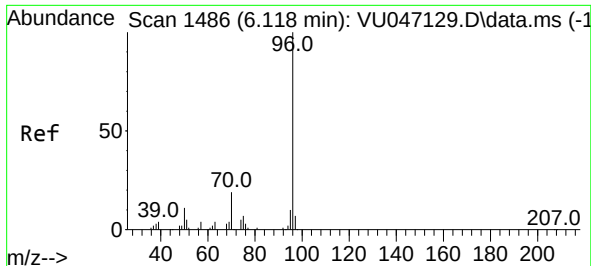
Manual Integrations
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Quant Time: Feb 17 08:01:14 2022
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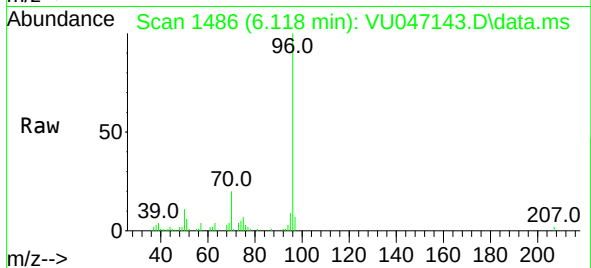
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	600202	57.864	ug/l	99
46) t-1,4-Dichloro-2-butene	10.841	75	87991m	19.487	ug/l	
47) Methyl methacrylate	6.967	69	179202	22.280	ug/l	95
48) Ethyl methacrylate	8.337	69	185770	11.394	ug/l	96
49) Toluene	7.973	92	381871	11.016	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	225353	11.478	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	246252	11.188	ug/l	98
52) 1,1,2-Trichloroethane	8.404	97	122563	11.201	ug/l	97
53) 1,3-Dichloropropane	8.578	76	217266	11.113	ug/l	99
54) 2-Hexanone	8.690	43	440040	56.944	ug/l	100
55) Dibromochloromethane	8.812	129	152940	11.497	ug/l	100
56) 1,2-Dibromoethane	8.928	107	125071	11.310	ug/l	98
58) Tetrachloroethene	8.558	164	149618	10.898	ug/l	98
59) Chlorobenzene	9.449	112	424356	10.980	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.539	131	150457	11.326	ug/l	99
61) Pentachloroethane	11.430	117	115564	11.460	ug/l	85
62) Hexachloroethane	12.478	117	125052	11.486	ug/l #	81
63) Ethyl Benzene	9.574	91	747313	10.999	ug/l	98
64) m/p-Xylenes	9.697	106	580168	22.402	ug/l	96
65) o-Xylene	10.105	106	280637	11.186	ug/l	96
66) Styrene	10.118	104	478649	11.241	ug/l	97
67) Bromoform	10.295	173	99478	11.800	ug/l #	98
69) Isopropylbenzene	10.488	105	751759	11.142	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.787	83	169441	11.454	ug/l	99
71) 1,2,3-Trichloropropane	10.841	75	156927m	12.569	ug/l	
72) Bromobenzene	10.787	156	184560	11.201	ug/l	87
73) n-propylbenzene	10.909	120	209475	11.278	ug/l	89
74) 2-Chlorotoluene	10.989	126	175435	11.079	ug/l	88
75) 1,3,5-Trimethylbenzene	11.089	105	619826	11.202	ug/l	99
76) 4-Chlorotoluene	11.102	126	186601	11.217	ug/l	83
77) tert-Butylbenzene	11.423	119	623332	11.227	ug/l	94
78) 1,2,4-Trimethylbenzene	11.468	105	630283	11.162	ug/l	98
79) sec-Butylbenzene	11.645	105	839551	11.387	ug/l	98
80) Nitrobenzene	13.211	77	41797	58.520	ug/l	95
81) p-Isopropyltoluene	11.796	119	704012	11.285	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	355783	11.091	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	356843	11.043	ug/l	98
84) n-Butylbenzene	12.211	91	679991	11.351	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	342974	11.108	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	31433	11.588	ug/l	83
87) 1,2,4-Trichlorobenzene	13.841	180	267175	11.020	ug/l	98
88) Hexachlorobutadiene	14.024	225	139601	11.262	ug/l	99
89) Naphthalene	14.089	128	556166	11.199	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	245216	11.276	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

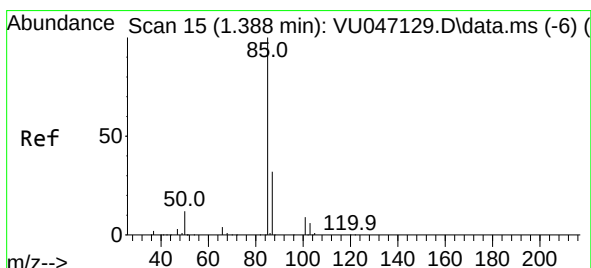
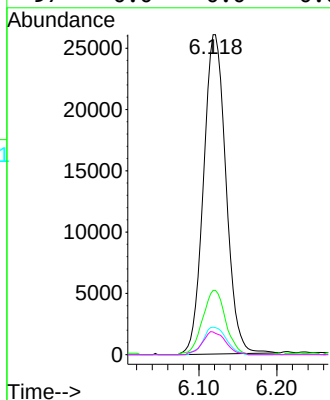
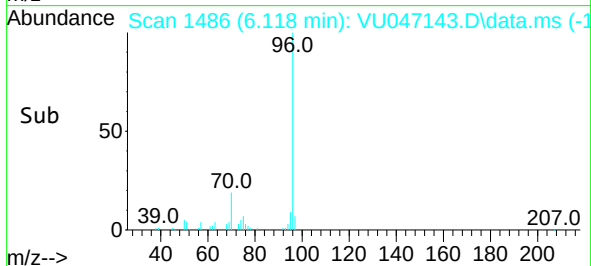
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



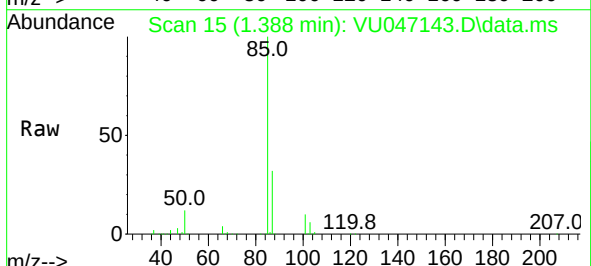
Tgt Ion: 96 Resp: 5217
Ion Ratio Lower Upper
96 100
70 20.7 16.8 25.2
95 8.9 7.3 10.9
97 0.0 0.0 0.0

Manual Integrations
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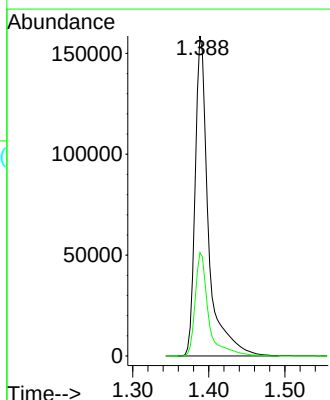
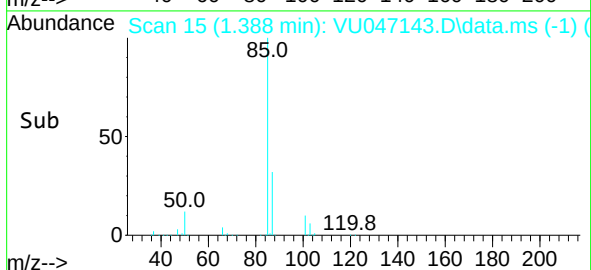
Reviewed By :John Carlone 02/18/2022
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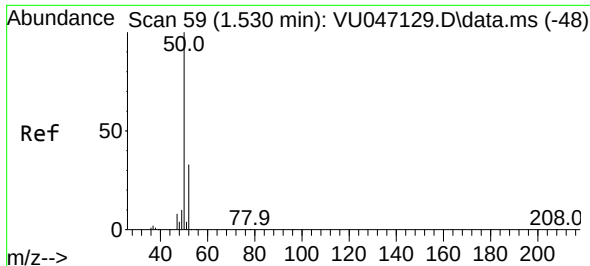


#2
Dichlorodifluoromethane
Concen: 11.080 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



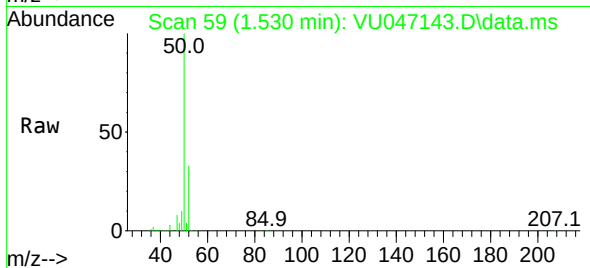
Tgt Ion: 85 Resp: 192751
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6





#3
Chloromethane
Concen: 10.203 ug/l
RT: 1.530 min Scan# 59
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

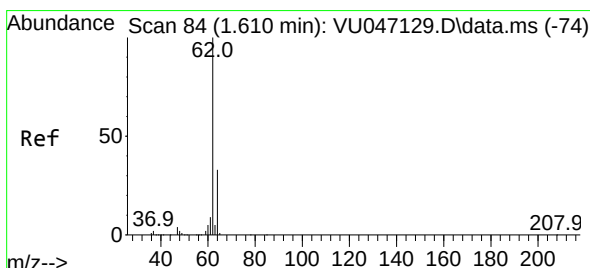
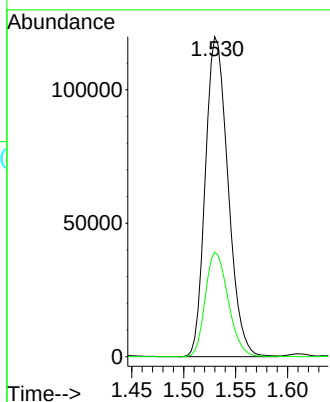
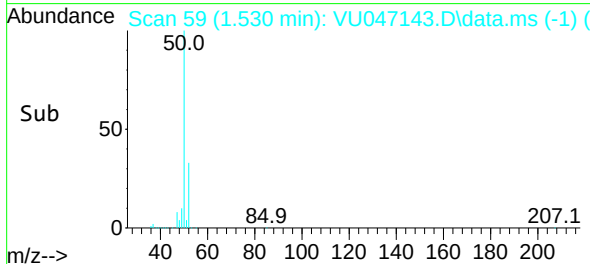
Instrument :
MSVOA_U
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VSTDCCC010



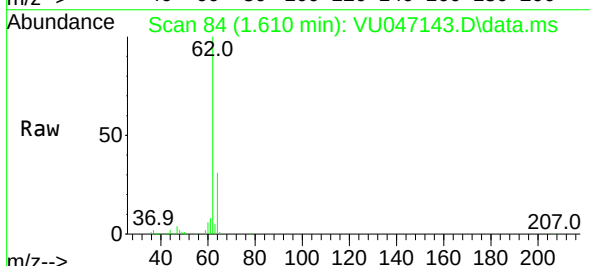
Tgt Ion: 50 Resp: 18228
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.4

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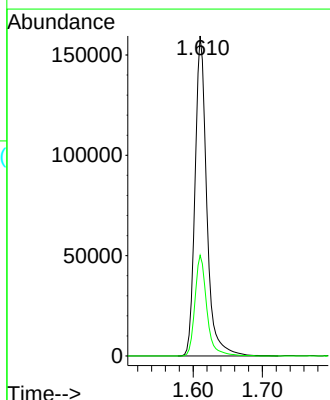
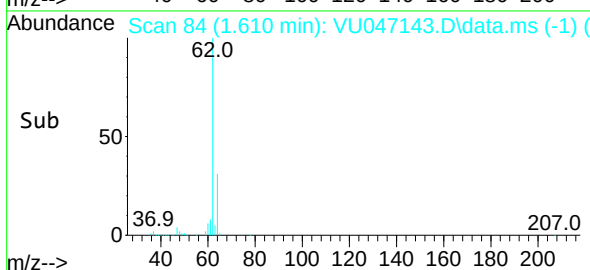
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

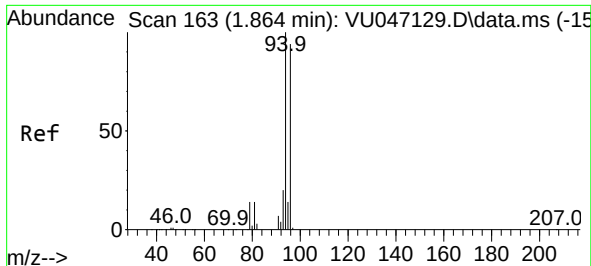


#4
Vinyl Chloride
Concen: 10.702 ug/l
RT: 1.610 min Scan# 84
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



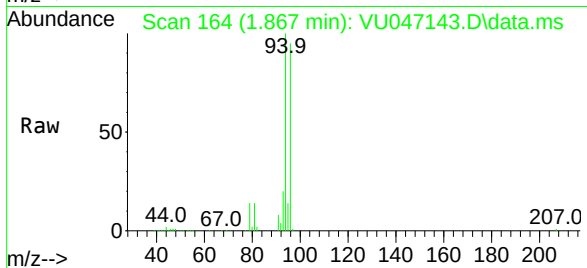
Tgt Ion: 62 Resp: 188753
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0





#5
Bromomethane
Concen: 10.277 ug/l
RT: 1.867 min Scan# 164
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

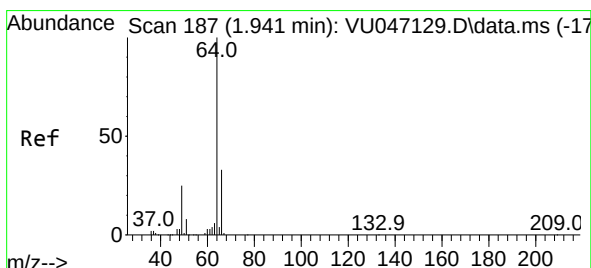
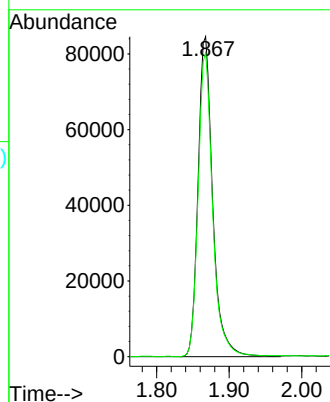
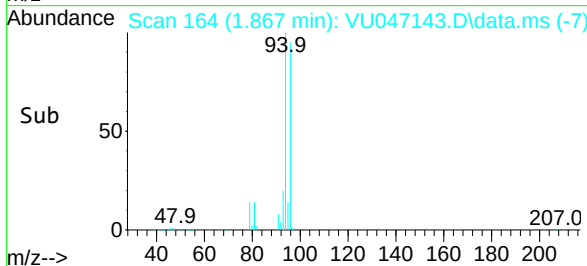
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 94 Resp: 118418
Ion Ratio Lower Upper
94 100
96 95.0 75.0 112.4

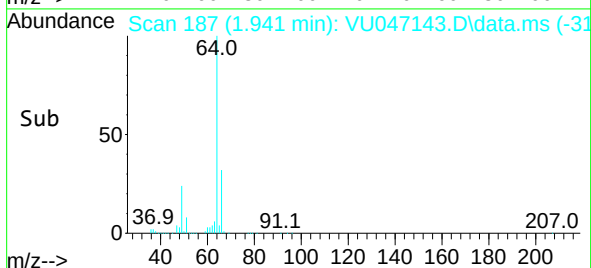
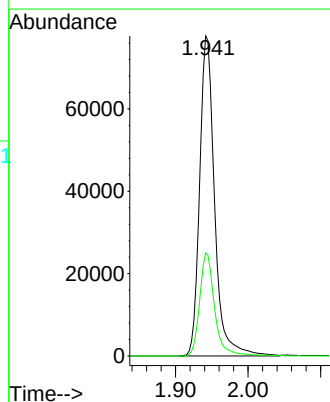
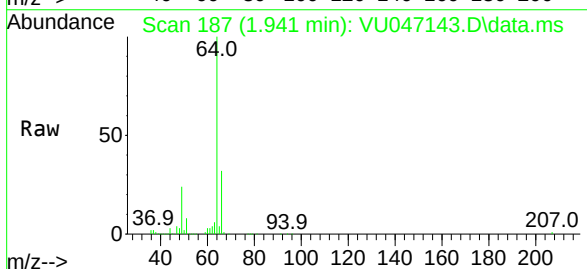
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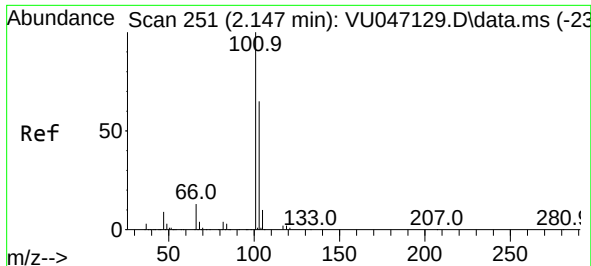
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#6
Chloroethane
Concen: 10.983 ug/l
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

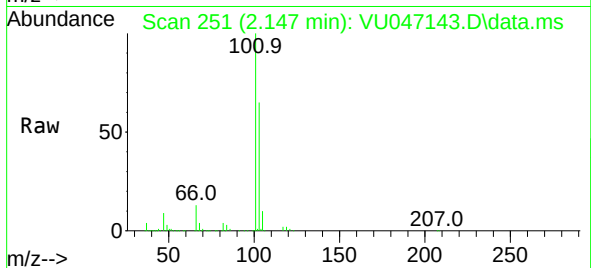
Tgt Ion: 64 Resp: 111295
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 10.963 ug/l
 RT: 2.147 min Scan# 251
 Delta R.T. -0.000 min
 Lab File: VU047143.D
 Acq: 15 Feb 2022 10:00

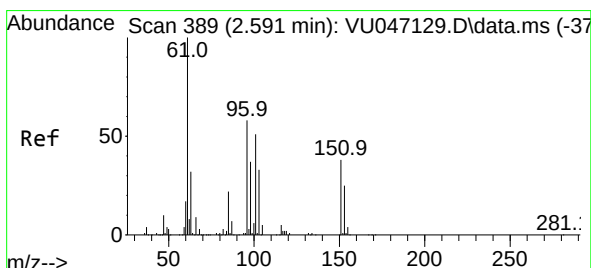
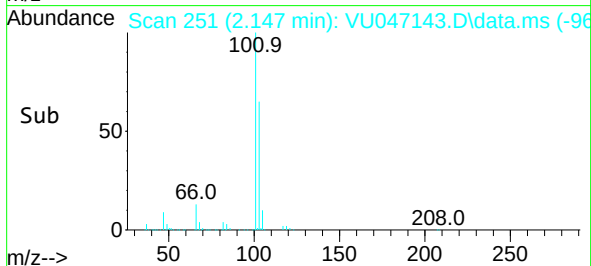
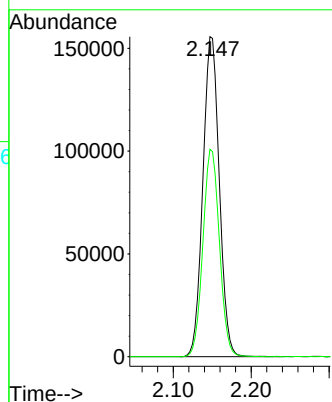
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 227910
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.2 78.2

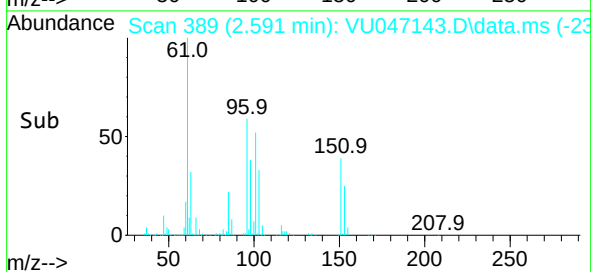
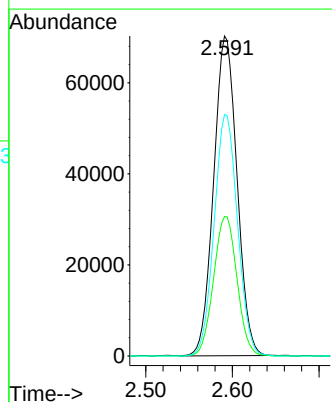
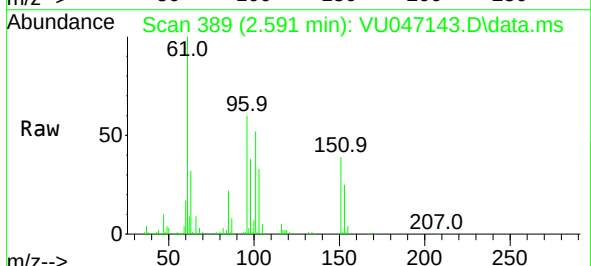
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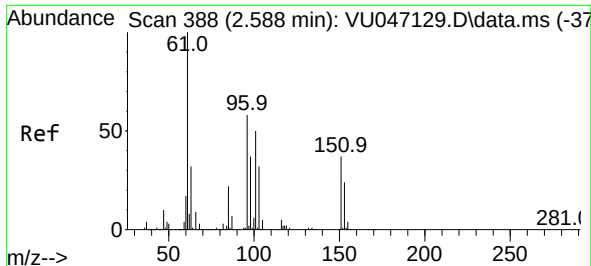
Reviewed By :John Carlone 02/18/2022
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#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.007 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. -0.000 min
 Lab File: VU047143.D
 Acq: 15 Feb 2022 10:00

Tgt Ion:101 Resp: 131889
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.8 53.6
 151 75.6 54.6 81.8





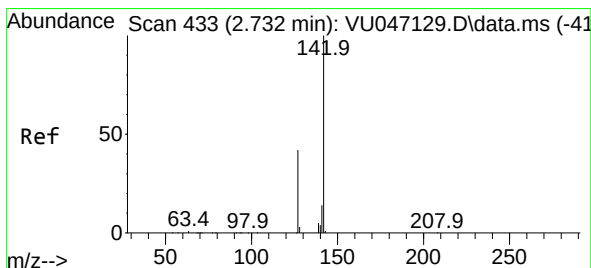
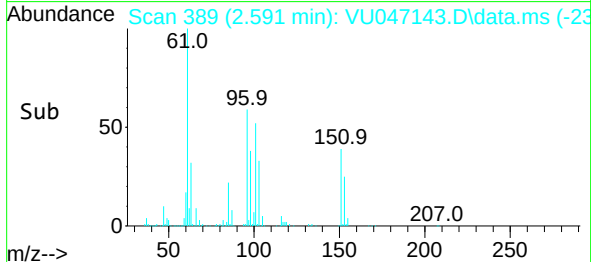
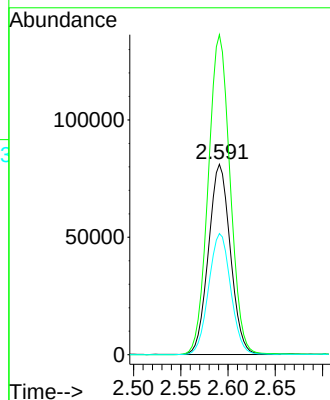
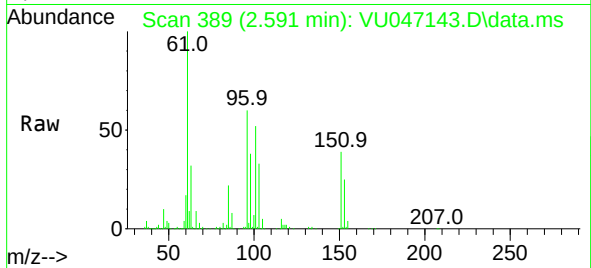
#9
1,1-Dichloroethene
Concen: 10.589 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 130580
Ion Ratio Lower Upper
96 100
61 168.1 0.0 514.2
98 63.6 0.0 126.4

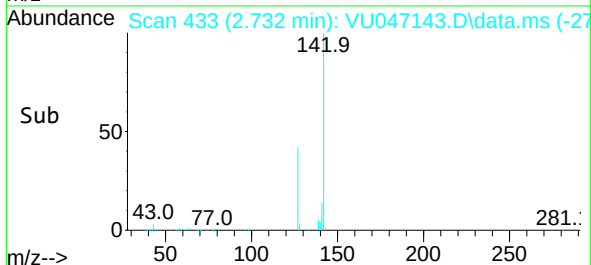
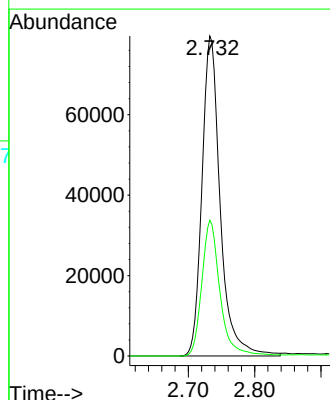
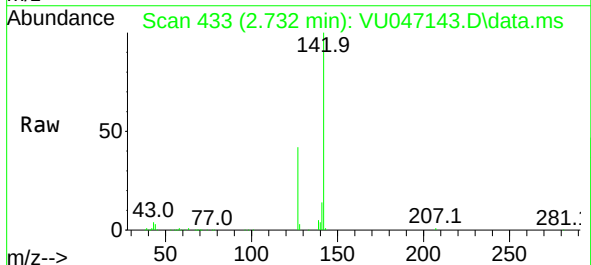
Manual Integrations
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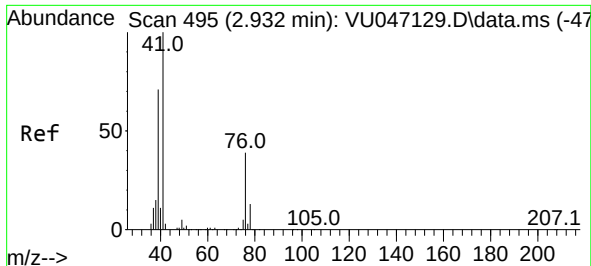
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#10
Iodomethane
Concen: 10.316 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

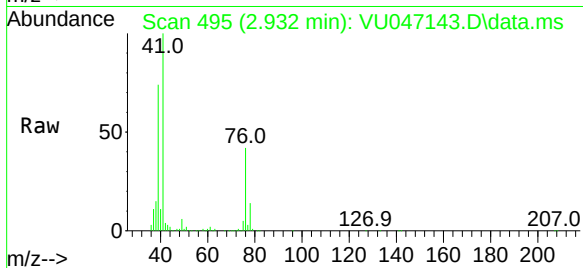
Tgt Ion:142 Resp: 151919
Ion Ratio Lower Upper
142 100
127 42.4 33.2 49.8





#11
 Allyl Chloride
 Concen: 10.509 ug/l
 RT: 2.932 min Scan# 495
 Delta R.T. -0.000 min
 Lab File: VU047143.D
 Acq: 15 Feb 2022 10:00

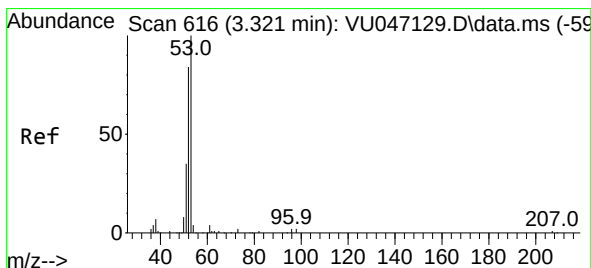
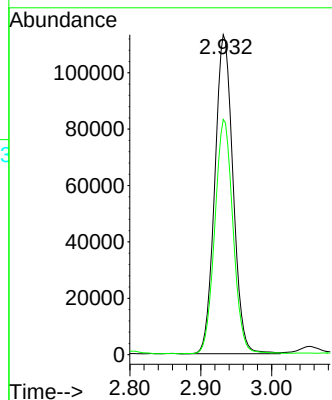
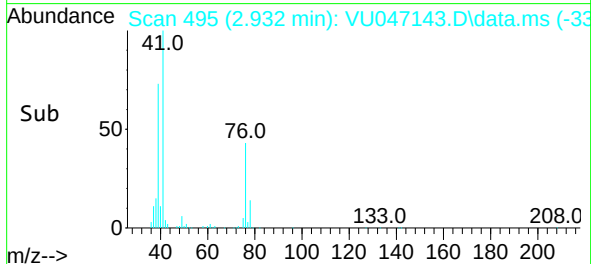
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



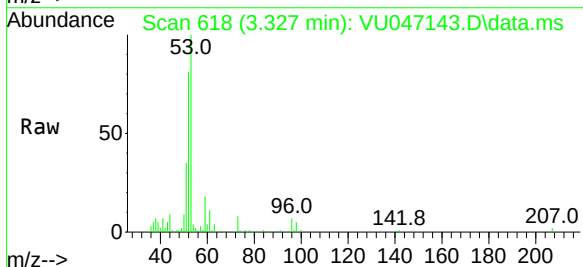
Tgt Ion: 41 Resp: 20201
 Ion Ratio Lower Upper
 41 100
 39 73.3 62.4 93.6

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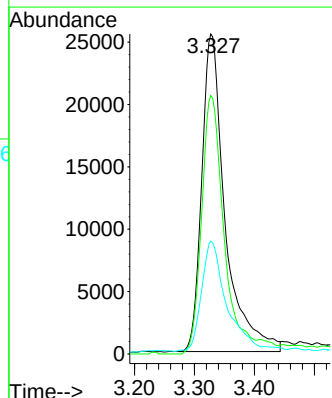
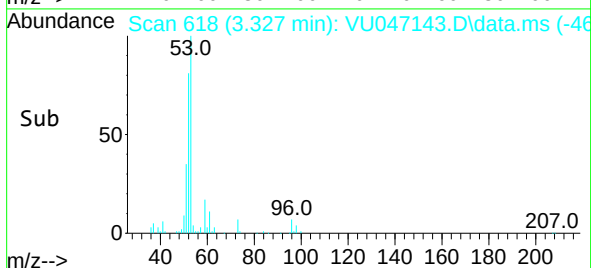
Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/18/2022

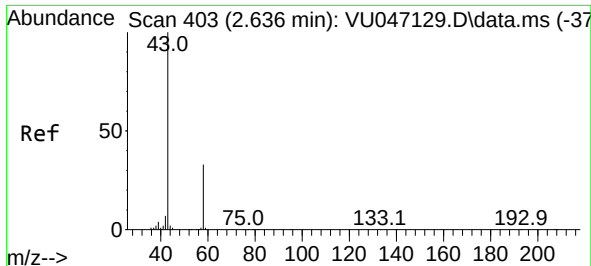


#12
 Acrylonitrile
 Concen: 19.107 ug/l
 RT: 3.327 min Scan# 618
 Delta R.T. 0.006 min
 Lab File: VU047143.D
 Acq: 15 Feb 2022 10:00



Tgt Ion: 53 Resp: 69160
 Ion Ratio Lower Upper
 53 100
 52 77.2 56.7 85.1
 51 36.7 30.3 45.5





#13

Acetone

Concen: 53.666 ug/l

RT: 2.649 min Scan# 407

Delta R.T. 0.013 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 115108

Ion Ratio Lower Upper

43 100

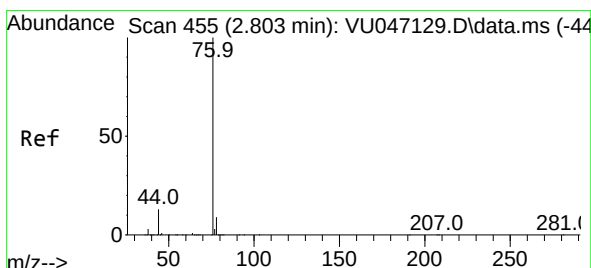
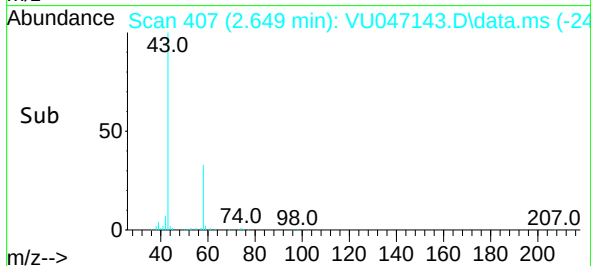
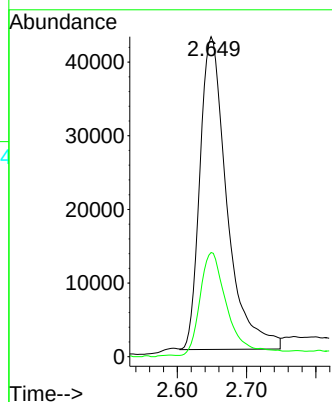
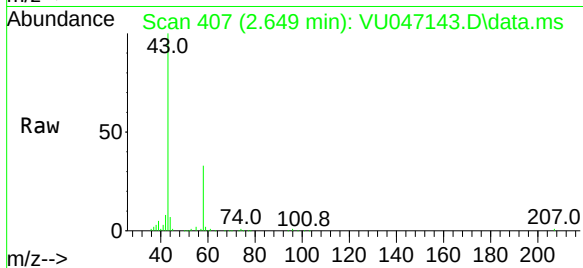
58 32.9 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#14

Carbon Disulfide

Concen: 10.755 ug/l

RT: 2.803 min Scan# 455

Delta R.T. -0.000 min

Lab File: VU047143.D

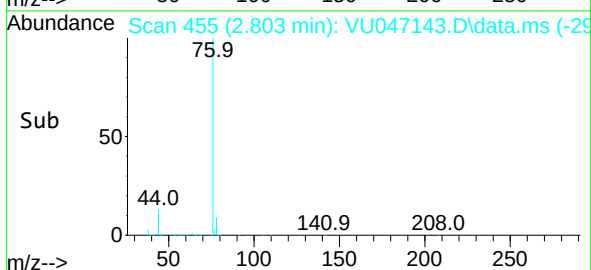
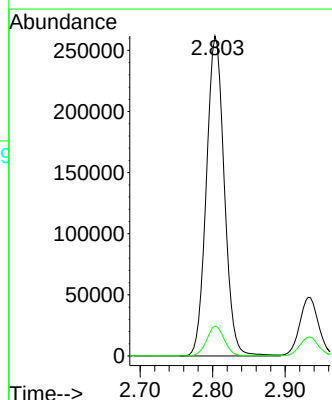
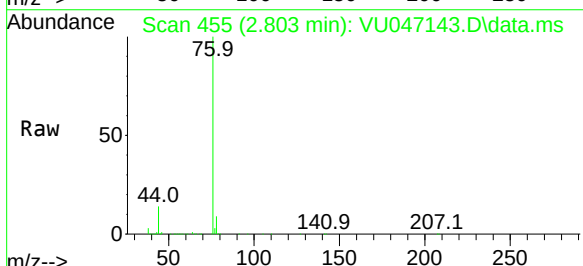
Acq: 15 Feb 2022 10:00

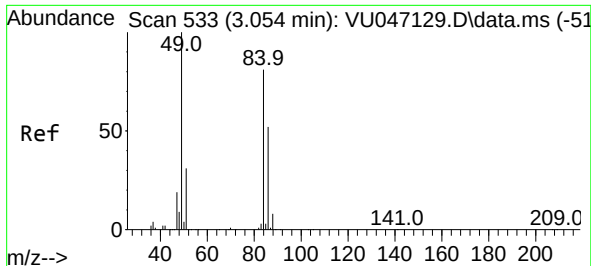
Tgt Ion: 76 Resp: 448631

Ion Ratio Lower Upper

76 100

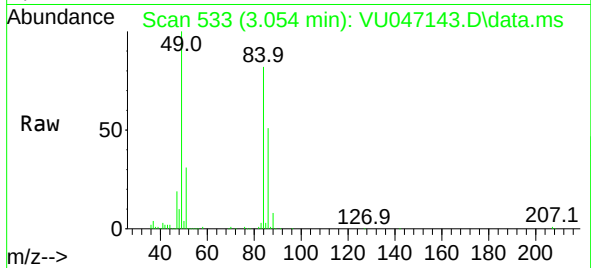
78 9.3 7.1 10.7





#15
Methylene Chloride
Concen: 10.390 ug/l
RT: 3.054 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

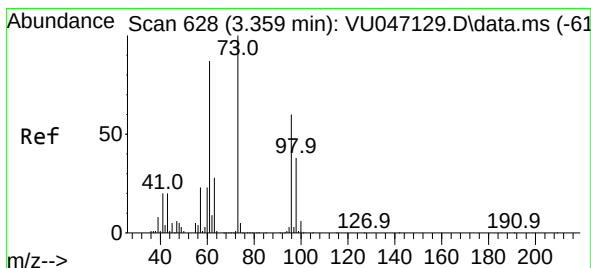
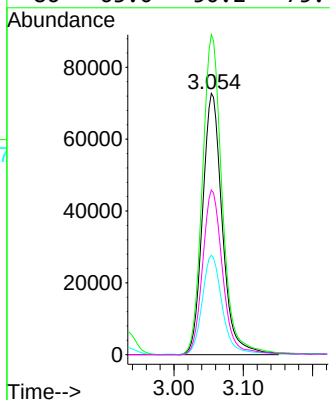
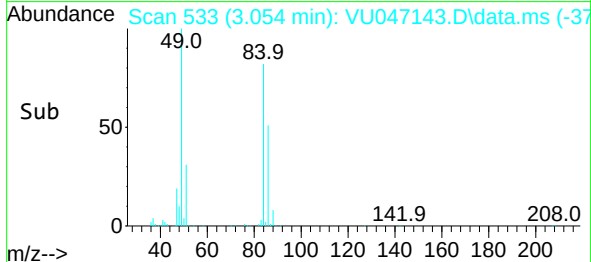
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



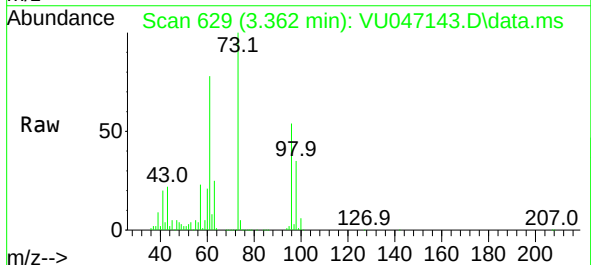
Tgt Ion: 84 Resp: 14390
Ion Ratio Lower Upper
84 100
49 122.5 97.2 145.8
51 38.1 0.0 73.4
86 63.0 50.2 75.4

Manual Integrations
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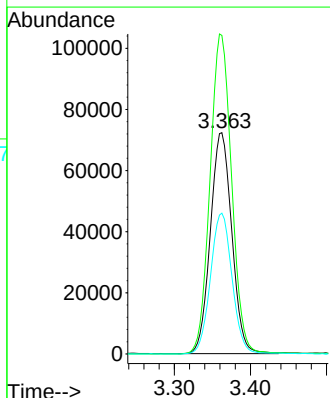
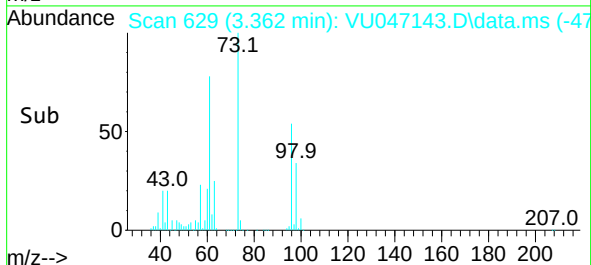
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

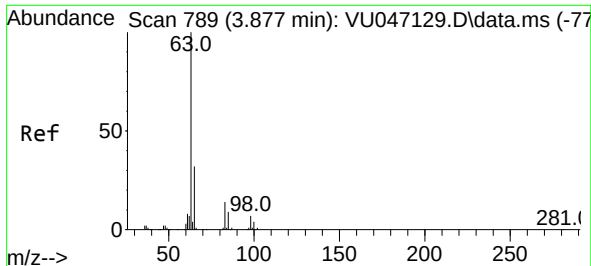


#16
trans-1,2-Dichloroethene
Concen: 10.883 ug/l
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



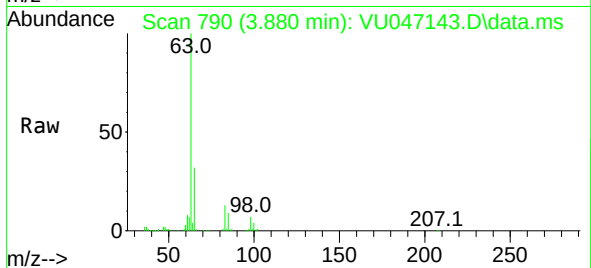
Tgt Ion: 96 Resp: 141640
Ion Ratio Lower Upper
96 100
61 144.2 115.8 173.6
98 63.7 51.1 76.7





#17
1,1-Dichloroethane
Concen: 10.726 ug/l
RT: 3.880 min Scan# 791
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

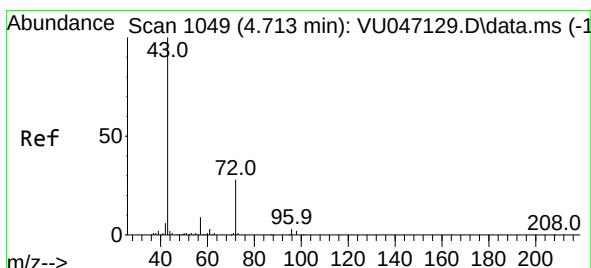
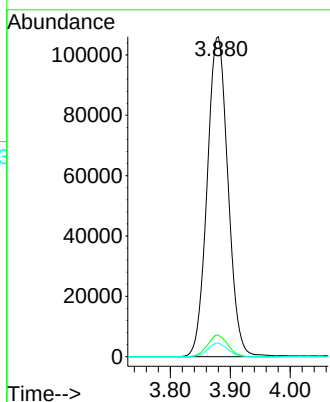
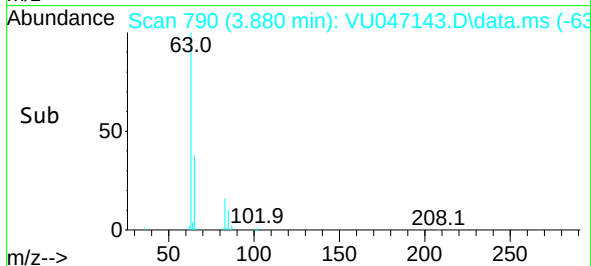
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



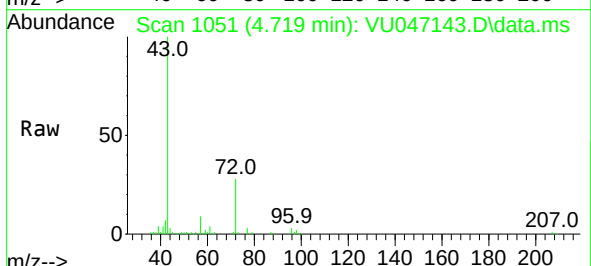
Tgt Ion: 63 Resp: 255770
Ion Ratio Lower Upper
63 100
98 6.7 3.6 10.8
100 4.2 2.1 6.5

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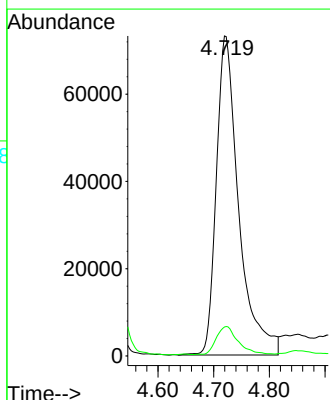
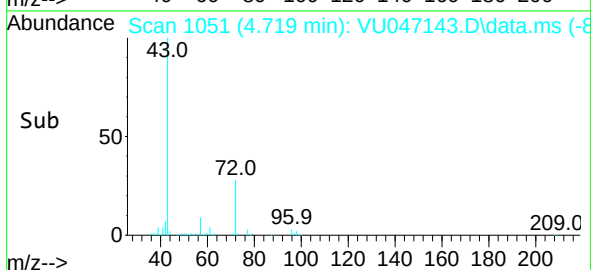
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

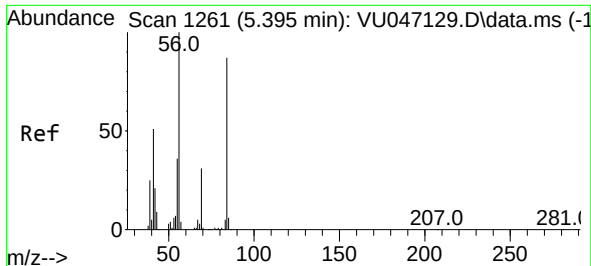


#18
2-Butanone
Concen: 56.117 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



Tgt Ion: 43 Resp: 204632
Ion Ratio Lower Upper
43 100
57 8.6 0.0 16.6





#19

Cyclohexane

Concen: 10.879 ug/l m

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU047143.D

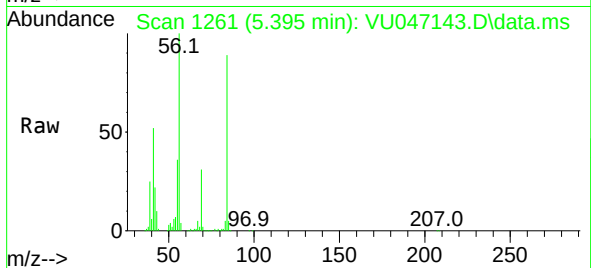
Acq: 15 Feb 2022 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 56 Resp: 24034

Ion Ratio Lower Upper

56 100

69 30.6 24.7 37.1

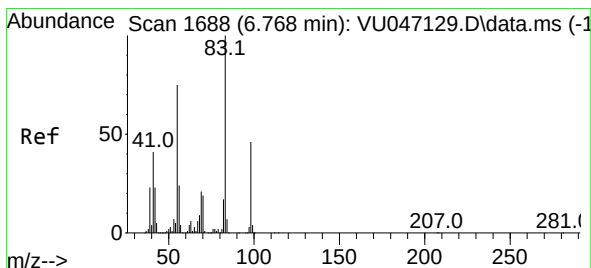
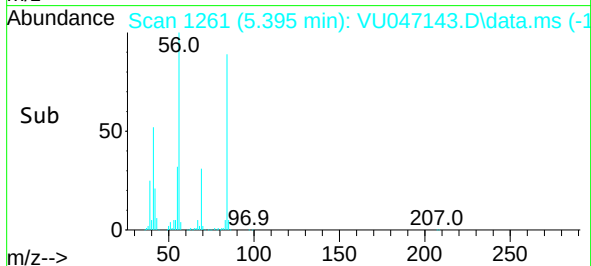
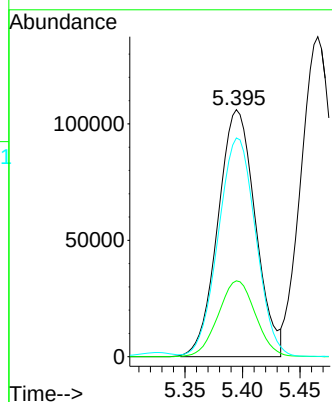
84 87.3 68.8 103.2

Manual Integrations

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Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#20

Methylcyclohexane

Concen: 10.991 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

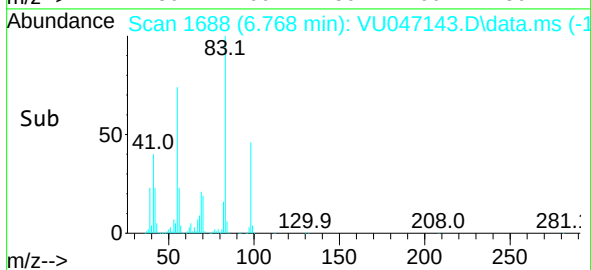
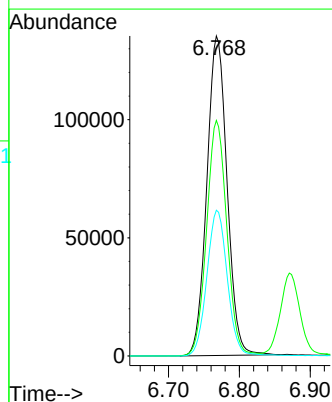
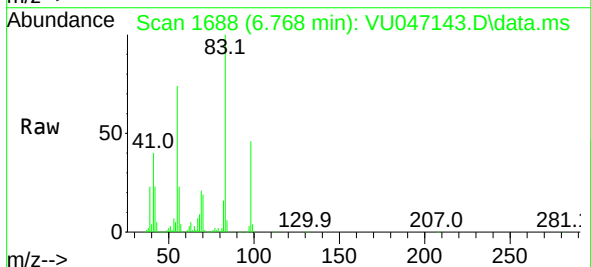
Tgt Ion: 83 Resp: 267642

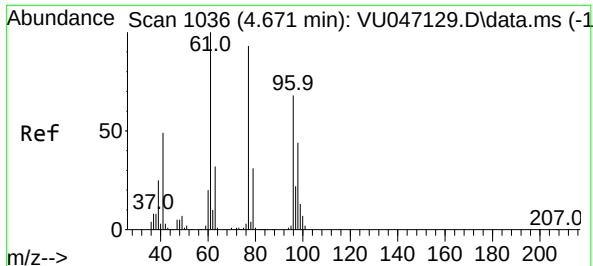
Ion Ratio Lower Upper

83 100

55 72.5 61.9 92.9

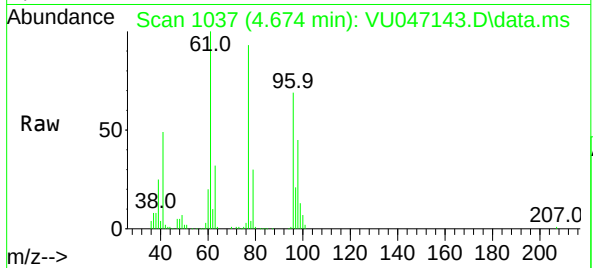
98 46.1 37.4 56.2





#21
2,2-Dichloropropane
Concen: 10.980 ug/l
RT: 4.674 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

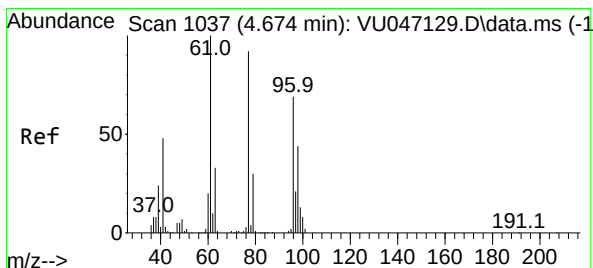
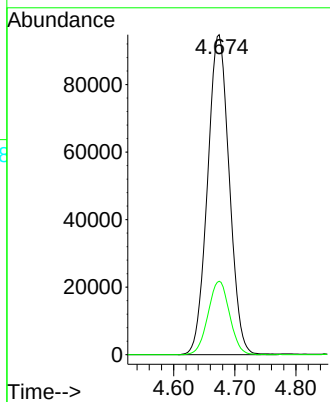
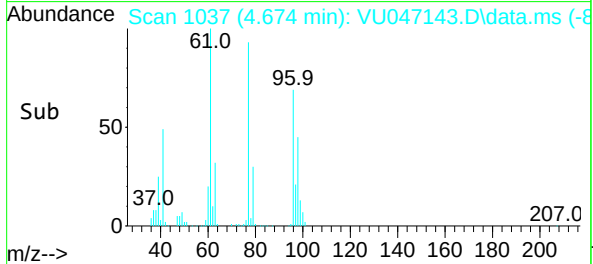
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 77 Resp: 23398
Ion Ratio Lower Upper
77 100
97 22.8 17.2 25.8

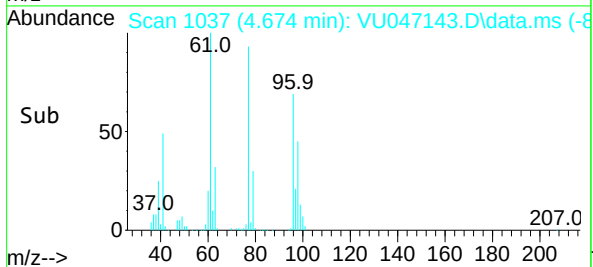
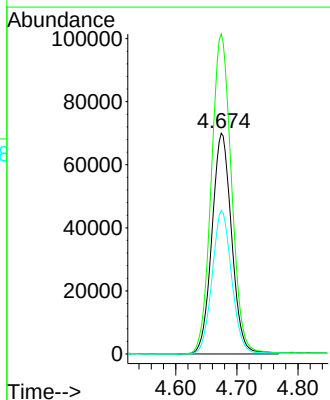
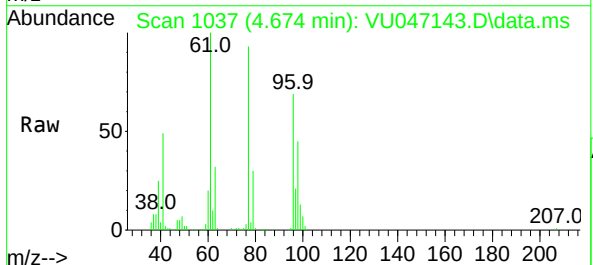
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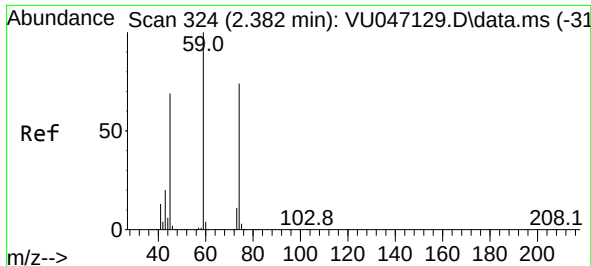
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#22
cis-1,2-Dichloroethene
Concen: 10.483 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

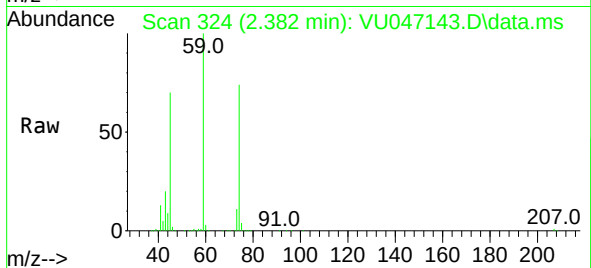
Tgt Ion: 96 Resp: 156918
Ion Ratio Lower Upper
96 100
61 148.3 0.0 385.3
98 64.7 32.1 96.3





#23
Diethyl Ether
Concen: 10.853 ug/l
RT: 2.382 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

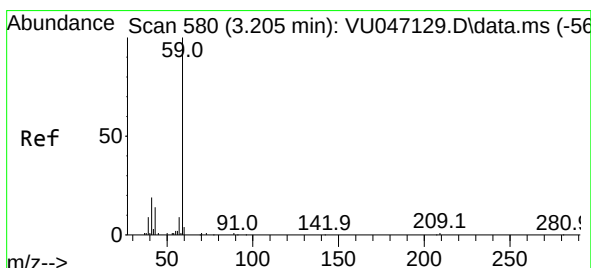
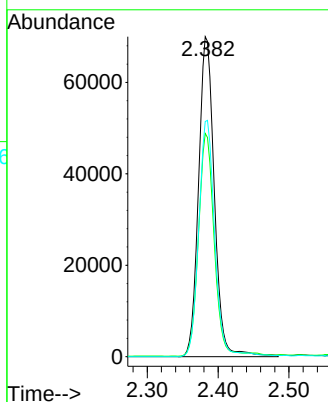
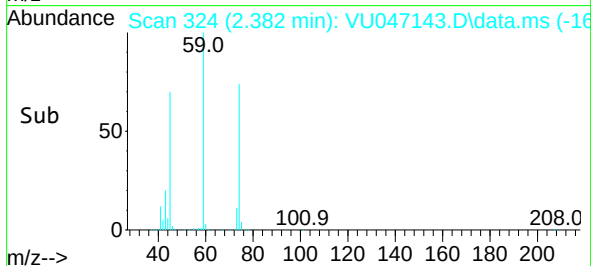
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



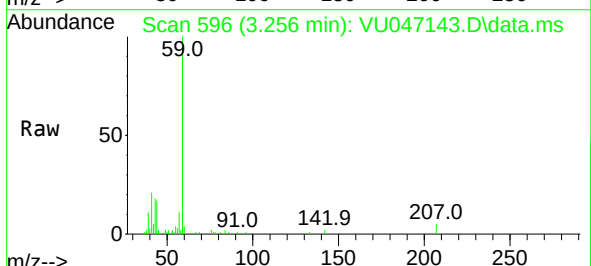
Tgt Ion: 59 Resp: 10816
Ion Ratio Lower Upper
59 100
45 68.8 55.6 83.4
74 75.1 58.1 87.1

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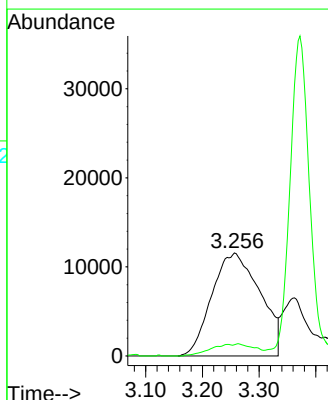
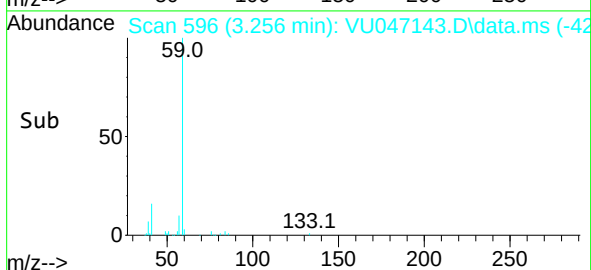
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

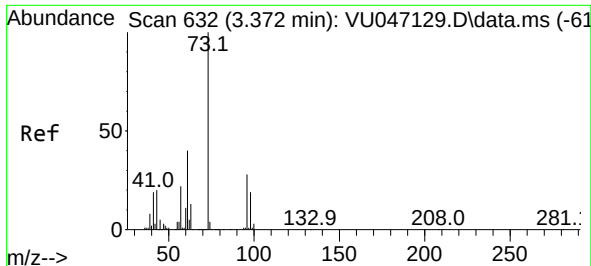


#24
tert-Butyl Alcohol
Concen: 105.605 ug/l
RT: 3.256 min Scan# 596
Delta R.T. 0.051 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



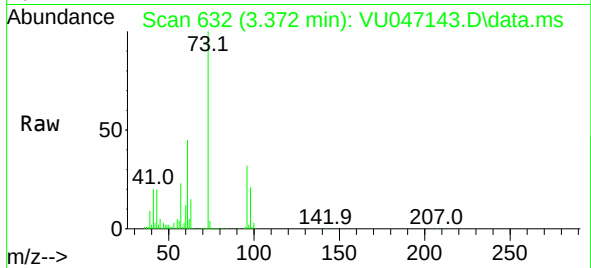
Tgt Ion: 59 Resp: 68453
Ion Ratio Lower Upper
59 100
57 5.4 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 10.889 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

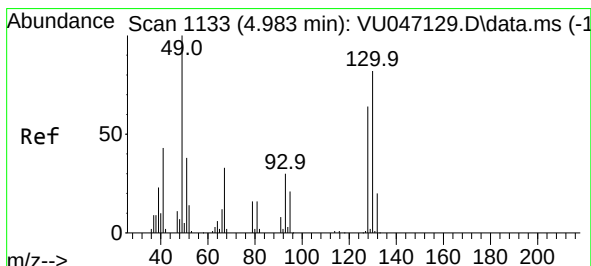
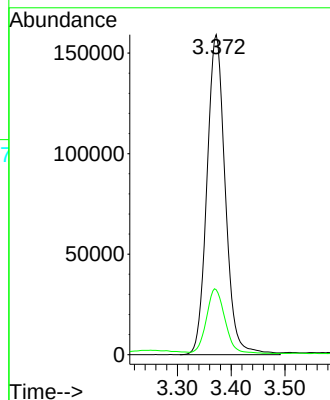
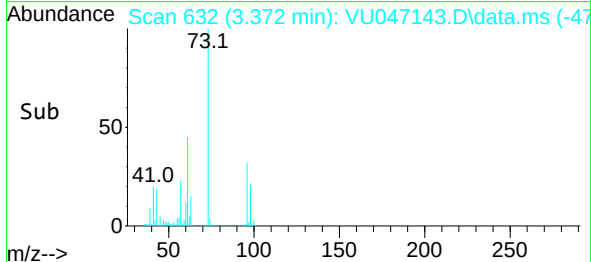
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



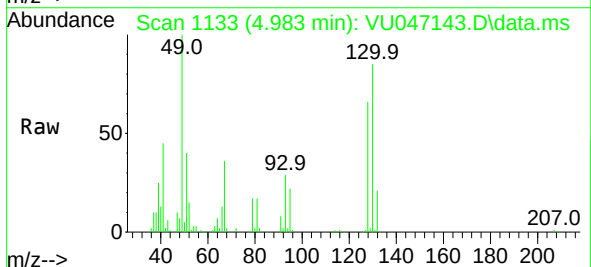
Tgt Ion: 73 Resp: 37658
Ion Ratio Lower Upper
73 100
43 20.2 16.3 24.5

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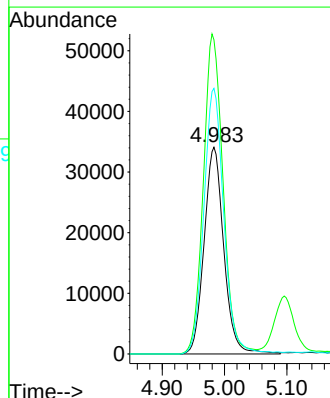
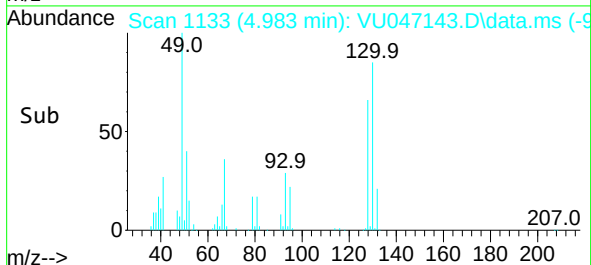
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

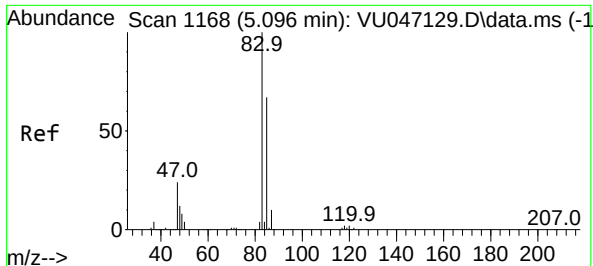


#26
Bromochloromethane
Concen: 11.112 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



Tgt Ion:128 Resp: 74800
Ion Ratio Lower Upper
128 100
49 154.2 0.0 347.4
130 130.3 101.5 152.3





#27

Chloroform

Concen: 10.581 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 25603

Ion Ratio Lower Upper

83 100

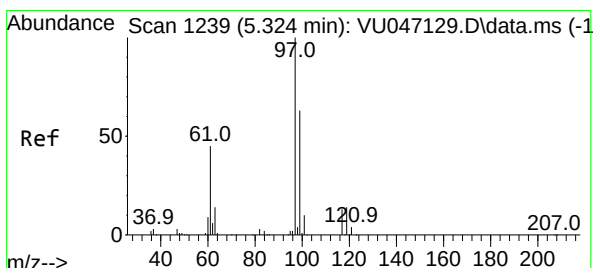
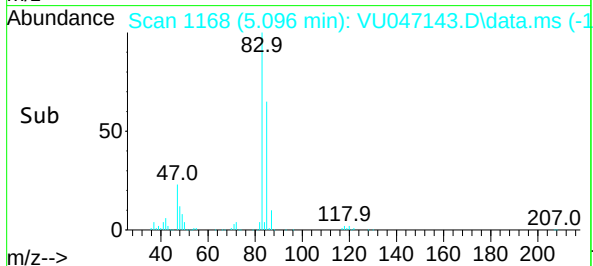
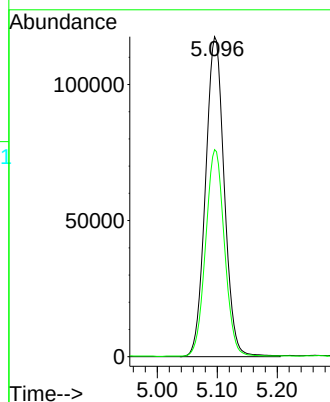
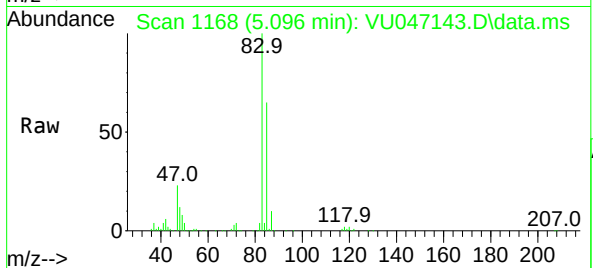
85 64.5 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#28

1,1,1-Trichloroethane

Concen: 10.892 ug/l

RT: 5.324 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

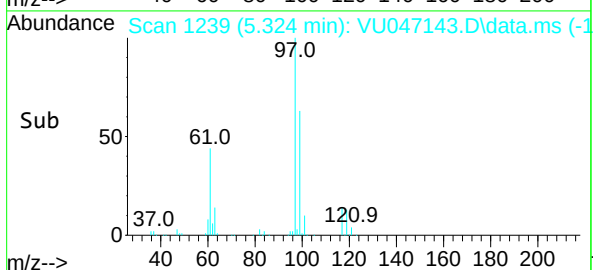
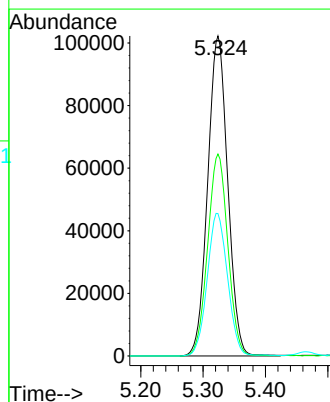
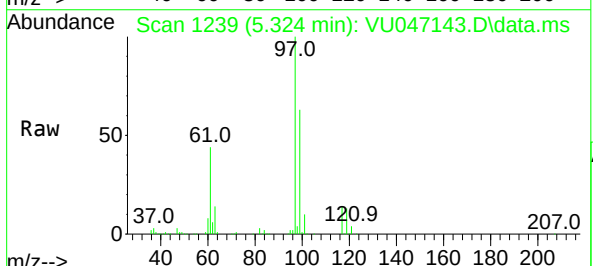
Tgt Ion: 97 Resp: 228168

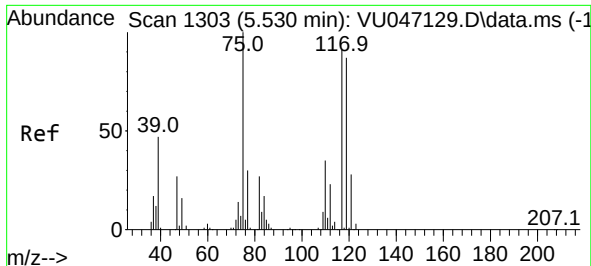
Ion Ratio Lower Upper

97 100

99 63.6 32.2 96.6

61 45.2 24.5 73.5





#29

1,1-Dichloropropene

Concen: 10.797 ug/l

RT: 5.533 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 207050

Ion Ratio Lower Upper

75 100

110 36.0 16.8 50.3

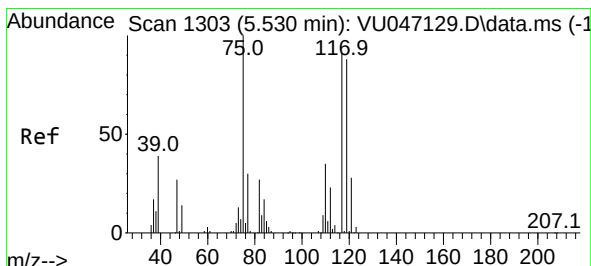
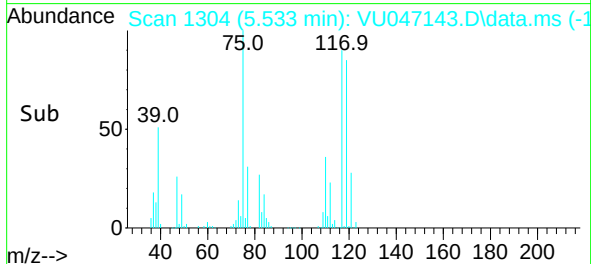
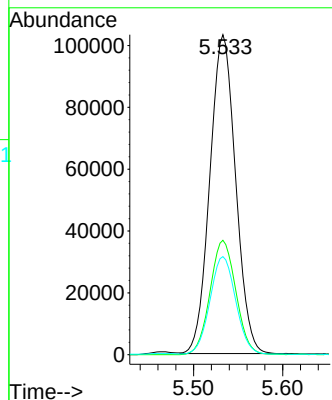
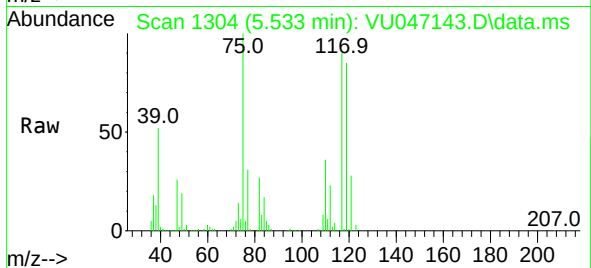
77 30.5 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 02/18/2022

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#30

Carbon Tetrachloride

Concen: 11.021 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

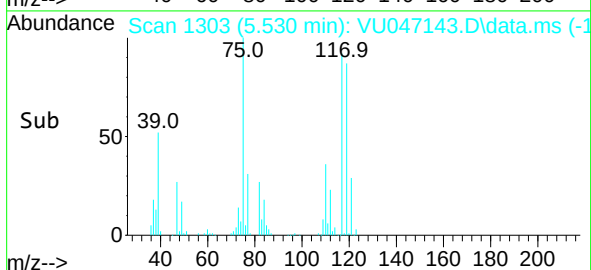
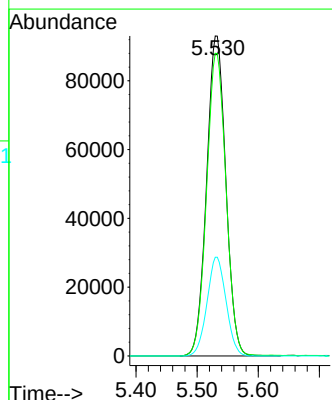
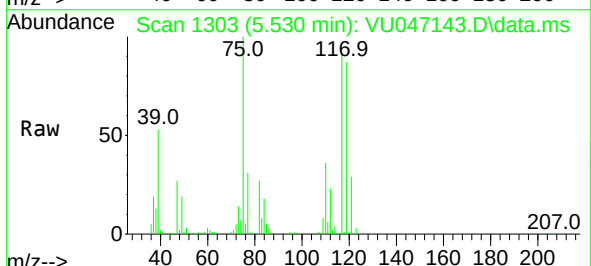
Tgt Ion:117 Resp: 202972

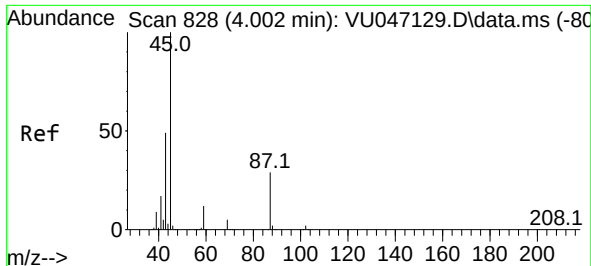
Ion Ratio Lower Upper

117 100

119 94.6 76.8 115.2

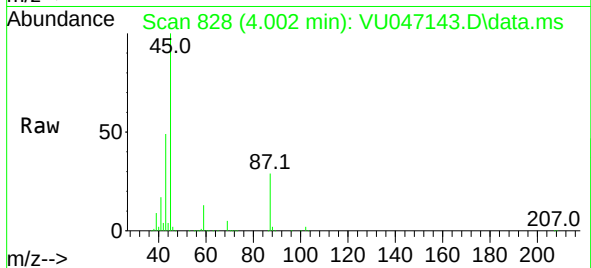
121 30.8 24.6 37.0





#31
Isopropyl Ether
Concen: 10.817 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

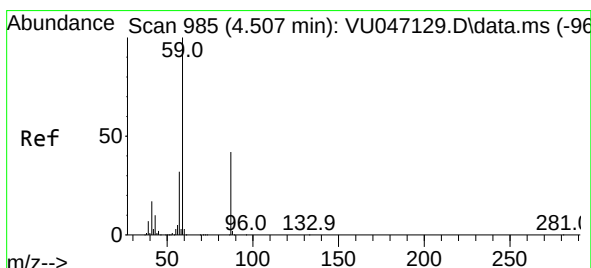
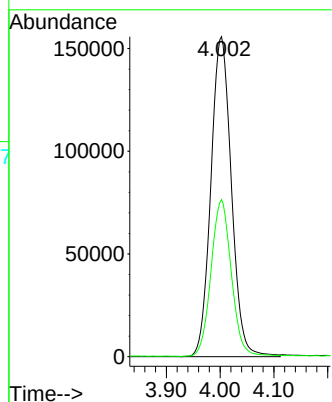
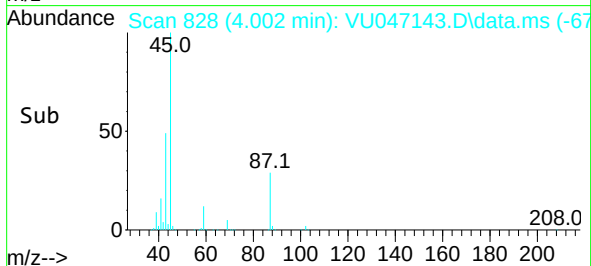
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



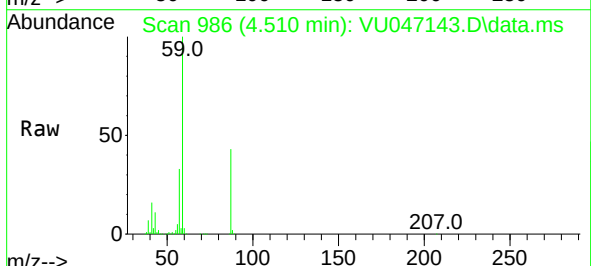
Tgt Ion: 45 Resp: 412554
Ion Ratio Lower Upper
45 100
43 48.5 25.3 75.8

Manual Integrations
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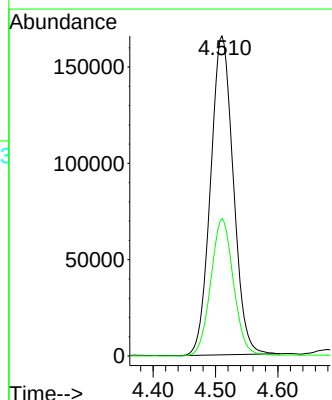
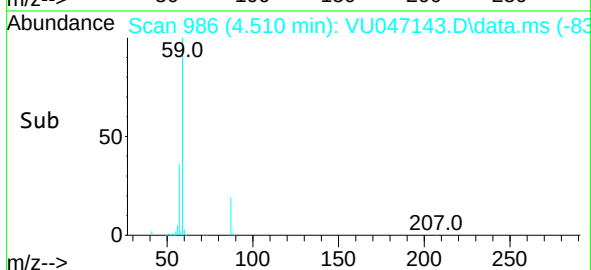
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

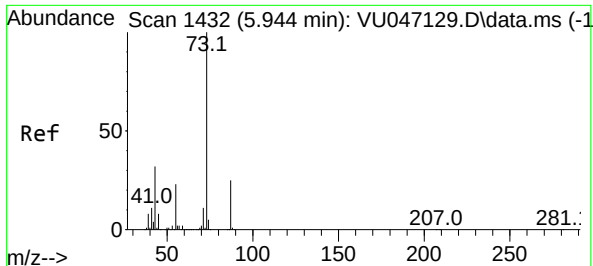


#32
Ethyl-t-butyl ether
Concen: 10.812 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



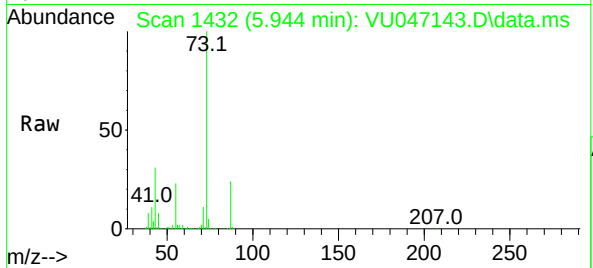
Tgt Ion: 59 Resp: 419206
Ion Ratio Lower Upper
59 100
87 42.6 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 10.998 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

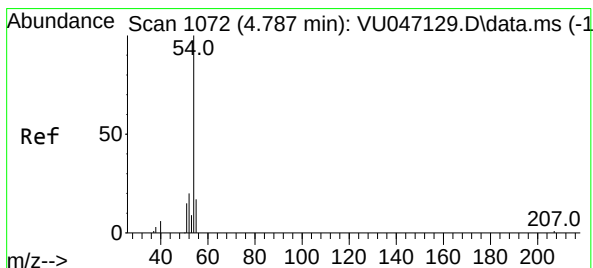
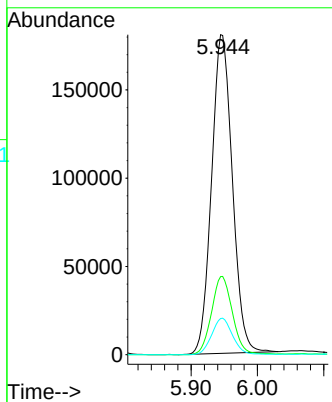
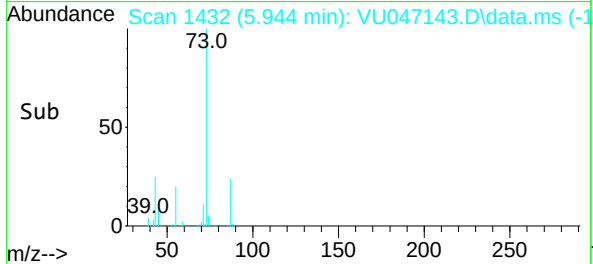
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



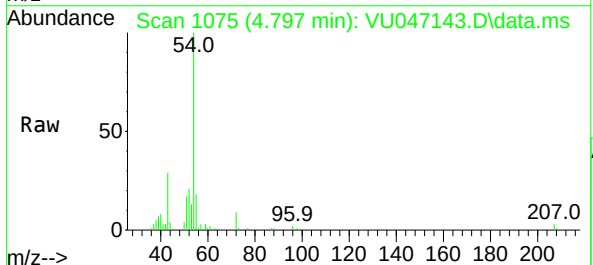
Tgt Ion: 73 Resp: 39274
Ion Ratio Lower Upper
73 100
87 24.4 18.6 28.0
71 11.4 9.0 13.6

Manual Integrations
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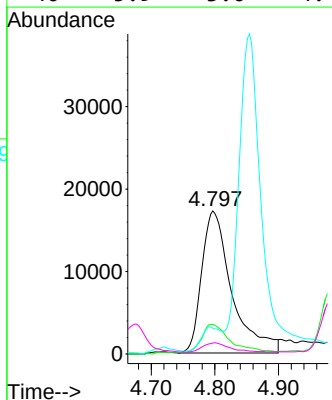
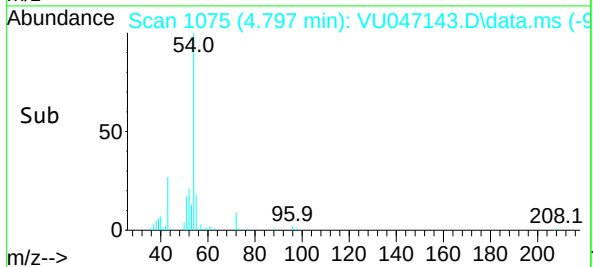
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

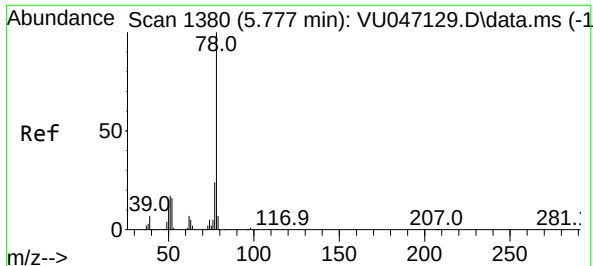


#34
Propionitrile
Concen: 52.937 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. 0.010 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



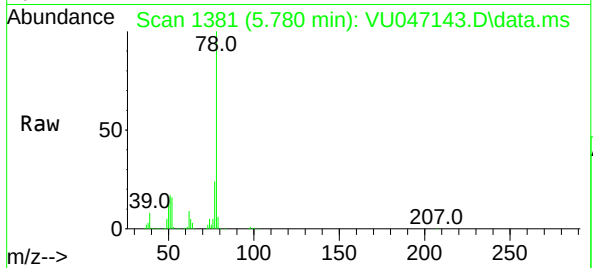
Tgt Ion: 54 Resp: 56814
Ion Ratio Lower Upper
54 100
52 18.8 11.9 17.9#
55 10.9 8.0 12.0
40 5.9 3.0 4.4#





#35
Benzene
Concen: 10.874 ug/l
RT: 5.780 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

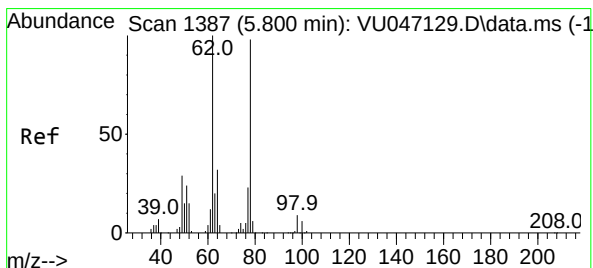
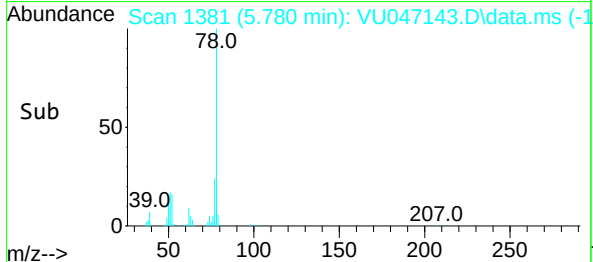
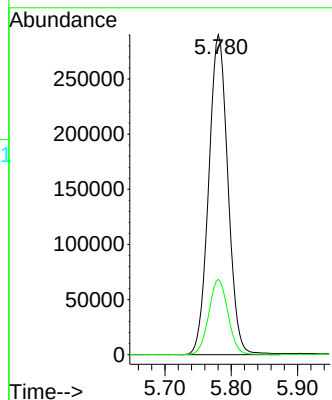
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 78 Resp: 58435
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

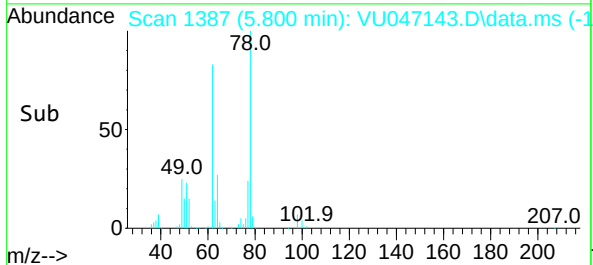
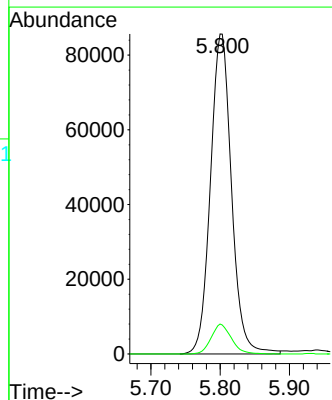
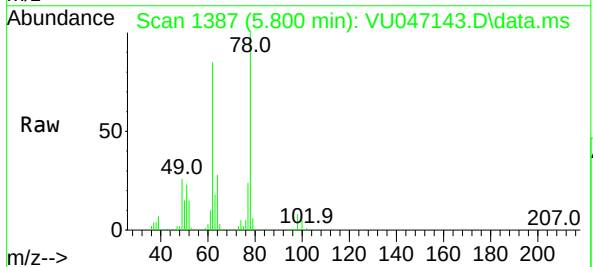
Manual Integrations
APPROVED

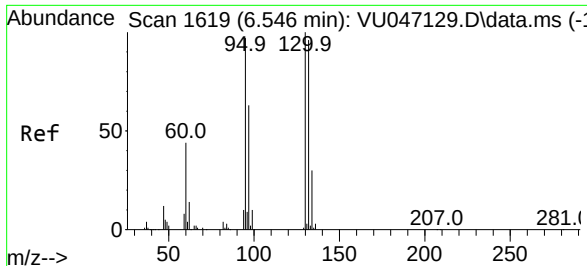
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#36
1,2-Dichloroethane
Concen: 11.106 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

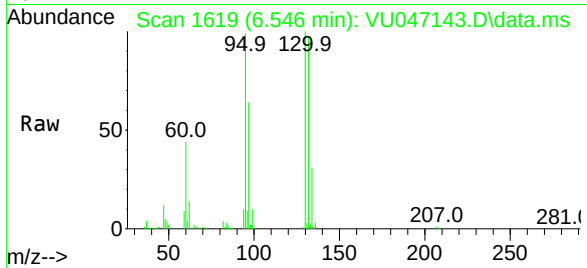
Tgt Ion: 62 Resp: 180699
Ion Ratio Lower Upper
62 100
98 8.9 7.3 10.9





#37
Trichloroethene
Concen: 10.793 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

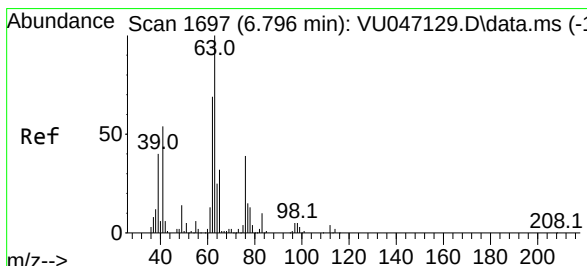
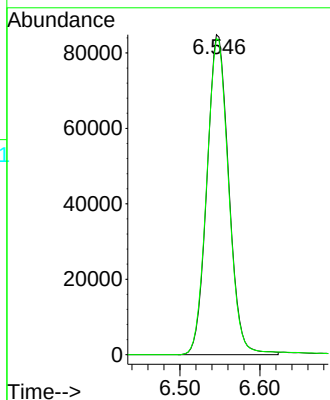
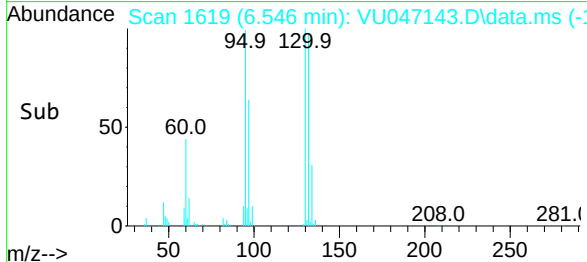
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



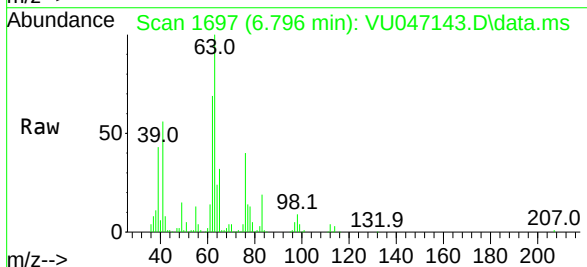
Tgt Ion:130 Resp: 160590
Ion Ratio Lower Upper
130 100
95 98.8 83.8 125.8

Manual Integrations
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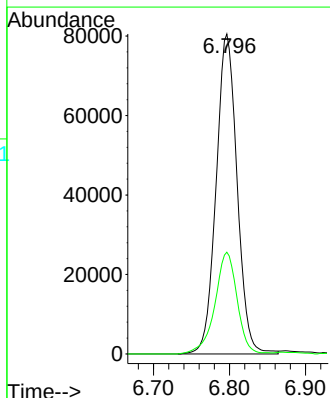
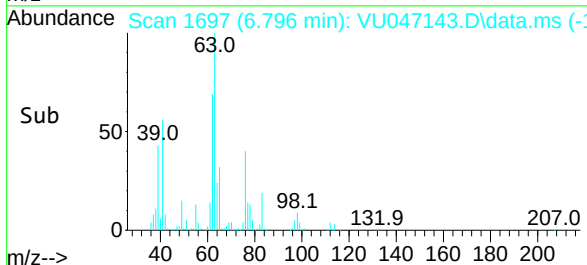
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

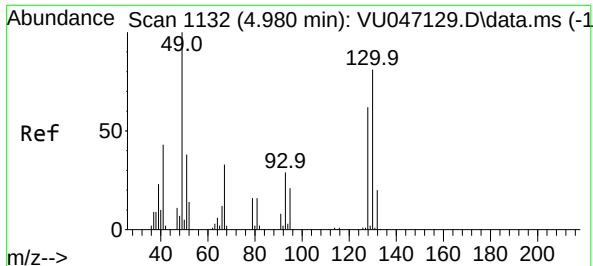


#38
1,2-Dichloropropane
Concen: 10.850 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



Tgt Ion: 63 Resp: 154292
Ion Ratio Lower Upper
63 100
65 31.8 24.7 37.1





#39

Methacrylonitrile

Concen: 11.007 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

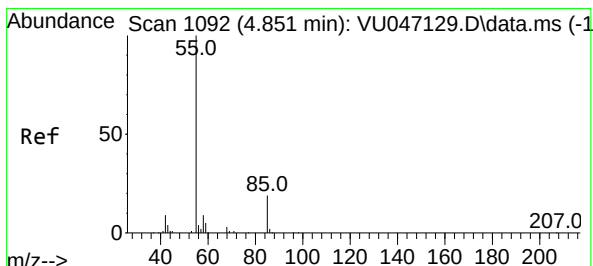
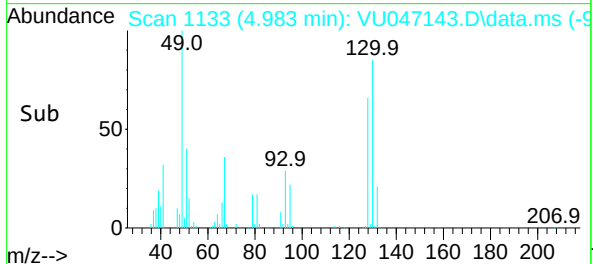
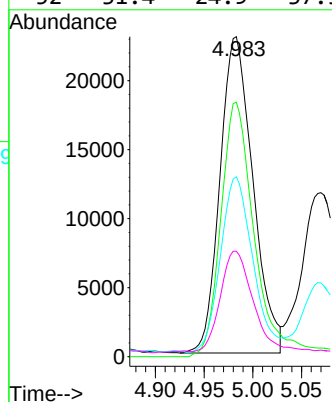
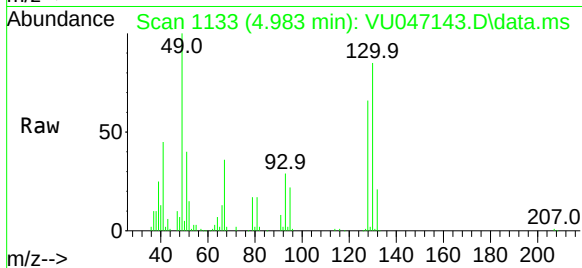
Tgt Ion:	41	Resp:	53949
Ion Ratio	Lower	Upper	
41	100		
67	84.1	65.2	97.8
39	54.2	43.0	64.6
52	31.4	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#40

Methyl acrylate

Concen: 11.044 ug/l

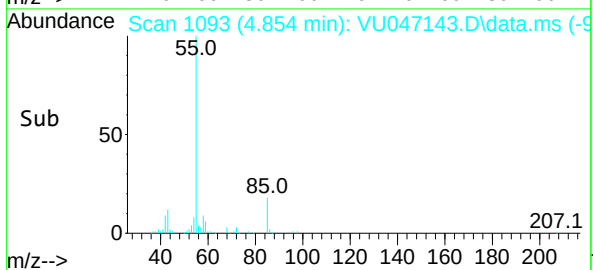
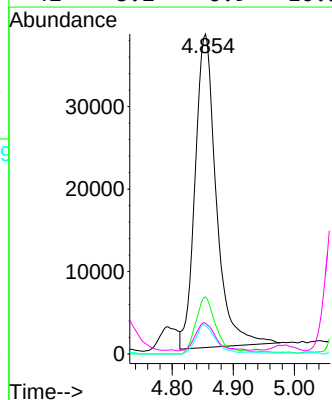
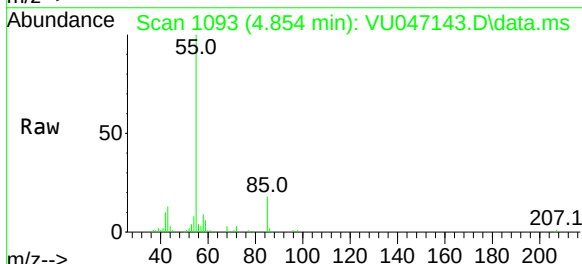
RT: 4.854 min Scan# 1093

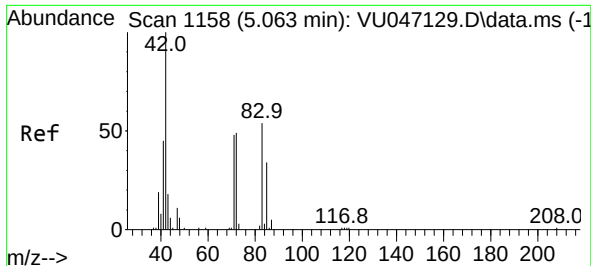
Delta R.T. 0.003 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

Tgt Ion:	55	Resp:	91500
Ion Ratio	Lower	Upper	
55	100		
85	17.2	12.2	18.2
58	8.8	6.7	10.1
42	8.2	6.9	10.3





#41

Tetrahydrofuran

Concen: 20.935 ug/l

RT: 5.070 min Scan# 1158

Delta R.T. 0.006 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

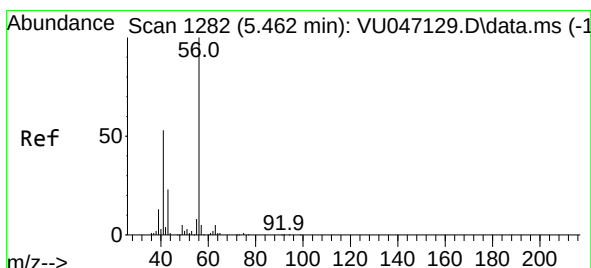
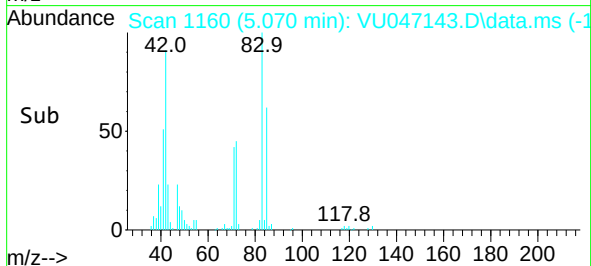
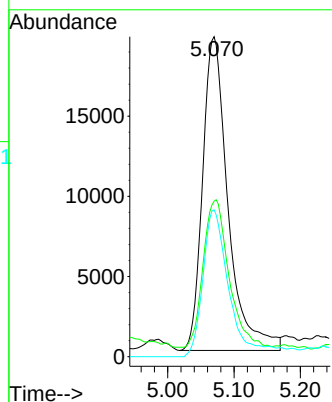
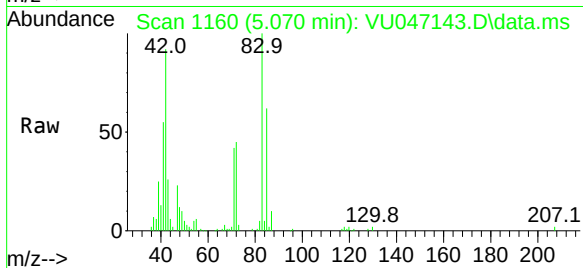
Tgt Ion:	42	Resp:	52269
Ion Ratio	Lower	Upper	
42	100		
72	47.3	42.4	63.6
71	46.6	36.4	54.6

Manual Integrations

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Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#42

1-Chlorobutane

Concen: 10.807 ug/l

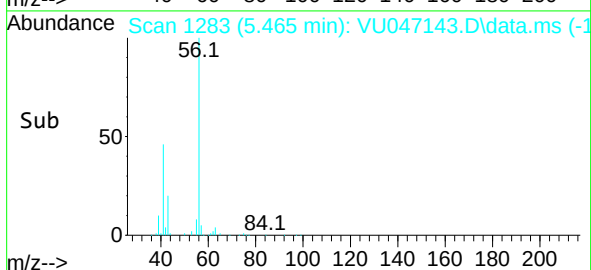
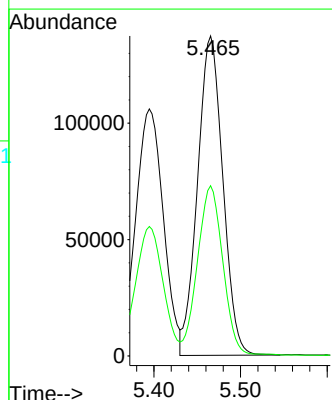
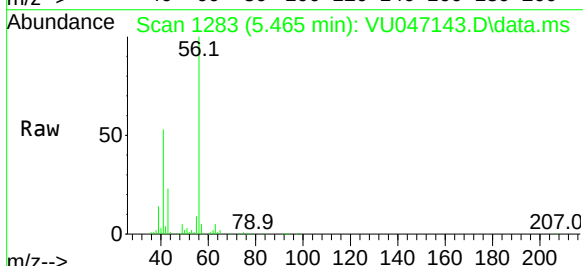
RT: 5.465 min Scan# 1283

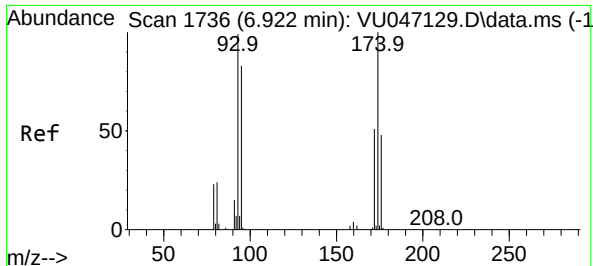
Delta R.T. 0.003 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

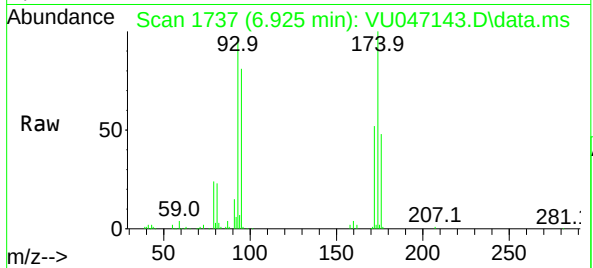
Tgt Ion:	56	Resp:	278251
Ion Ratio	Lower	Upper	
56	100		
41	53.1	26.0	78.0





#43
Dibromomethane
Concen: 11.553 ug/l
RT: 6.925 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

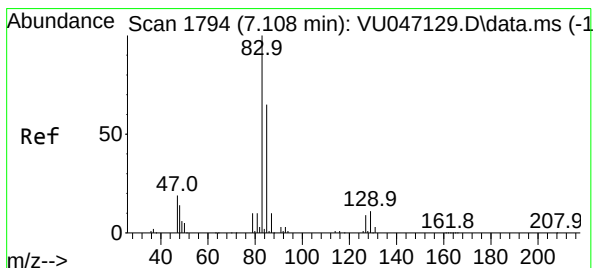
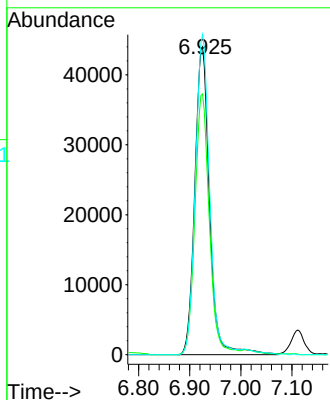
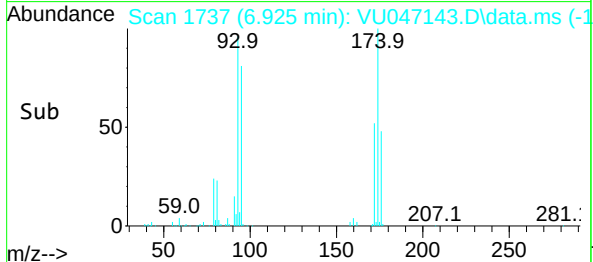
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



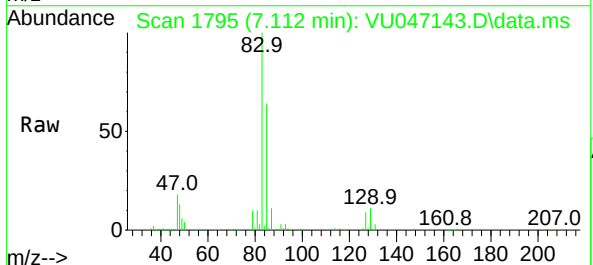
Tgt Ion: 93 Resp: 8860
Ion Ratio Lower Upper
93 100
95 82.3 66.2 99.2
174 100.1 70.7 106.1

Manual Integrations
APPROVED

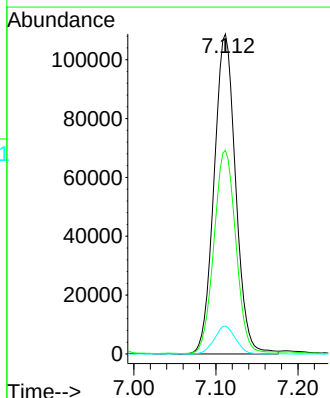
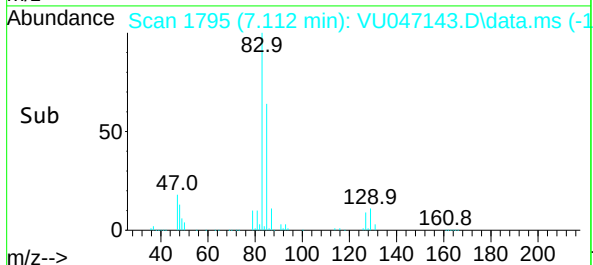
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

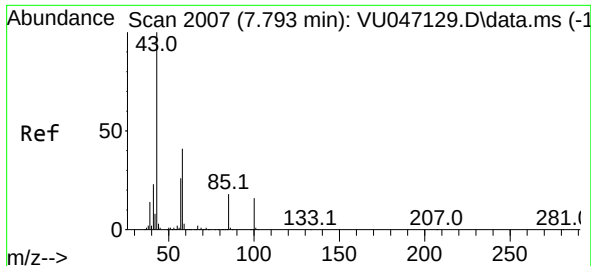


#44
Bromodichloromethane
Concen: 10.989 ug/l
RT: 7.112 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



Tgt Ion: 83 Resp: 199324
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 8.8 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 57.864 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 60020

Ion Ratio Lower Upper

43 100

58 41.9 21.0 63.0

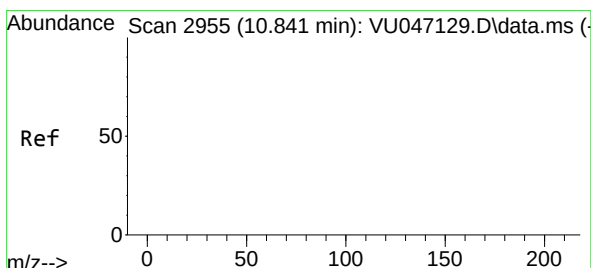
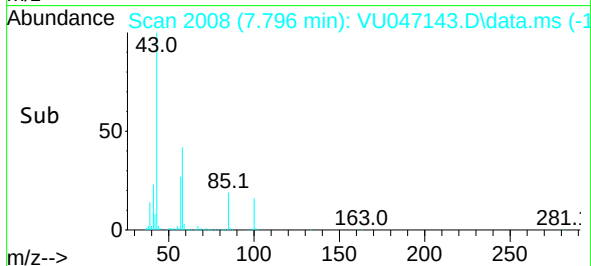
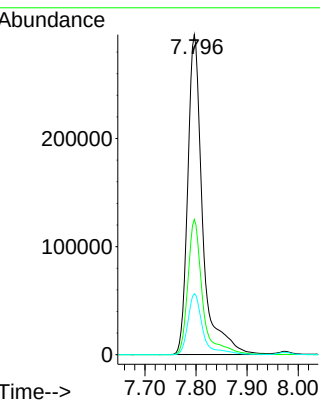
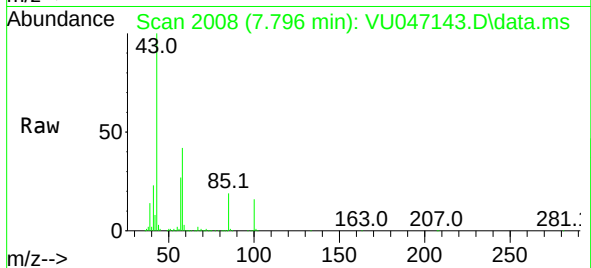
85 19.2 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#46

t-1,4-Dichloro-2-butene

Concen: 19.487 ug/l m

RT: 10.841 min Scan# 2955

Delta R.T. -0.000 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

Tgt Ion: 75 Resp: 87991

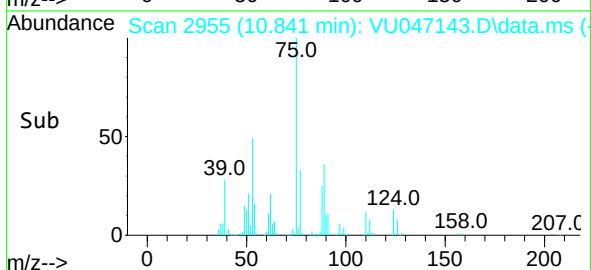
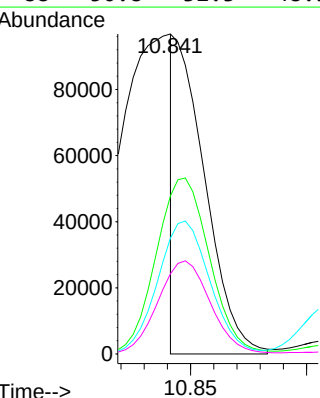
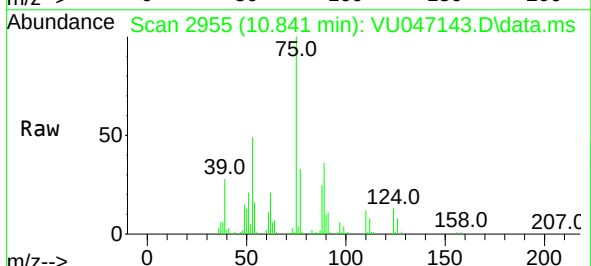
Ion Ratio Lower Upper

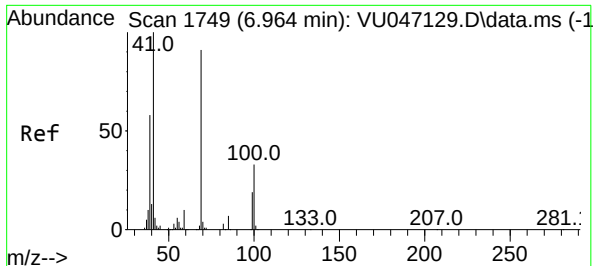
75 100

53 97.5 66.8 100.2

89 72.0 41.7 62.5#

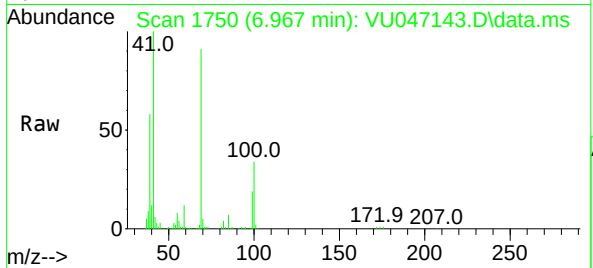
88 50.8 32.3 48.5#





#47
Methyl methacrylate
Concen: 22.280 ug/l
RT: 6.967 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

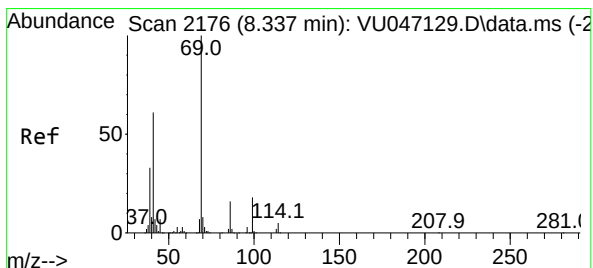
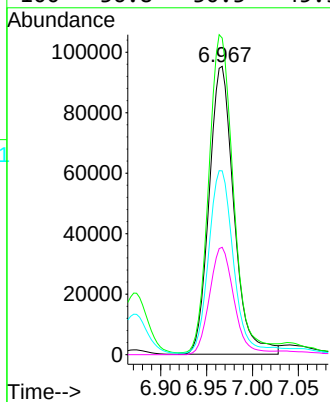
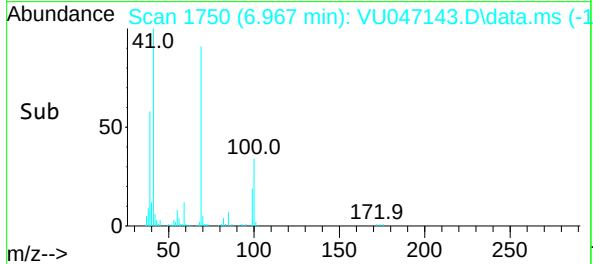
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 17920
Ion Ratio Lower Upper
69 100
41 109.6 0.0 230.0
39 64.2 55.1 82.7
100 36.8 30.3 45.5

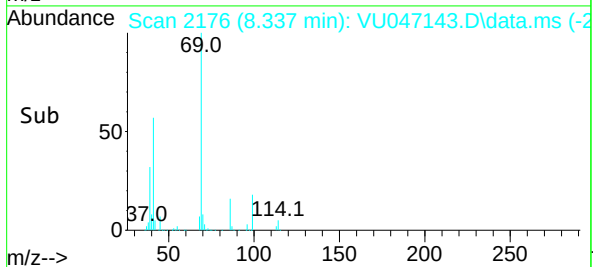
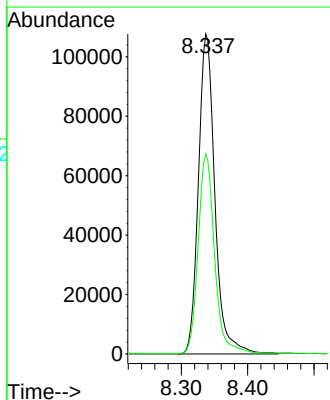
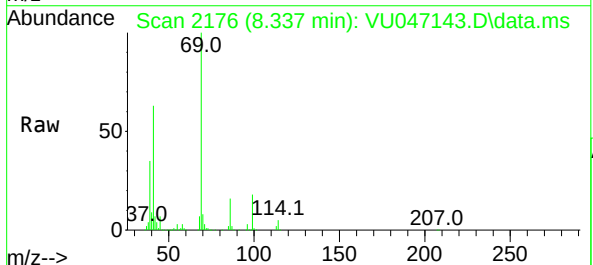
Manual Integrations
APPROVED

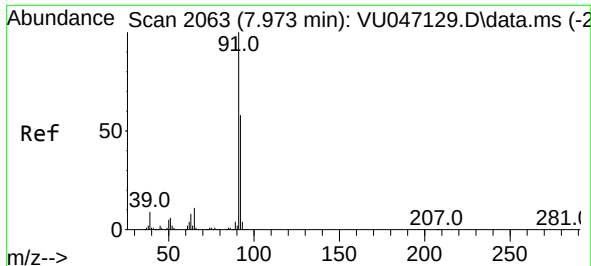
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#48
Ethyl methacrylate
Concen: 11.394 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

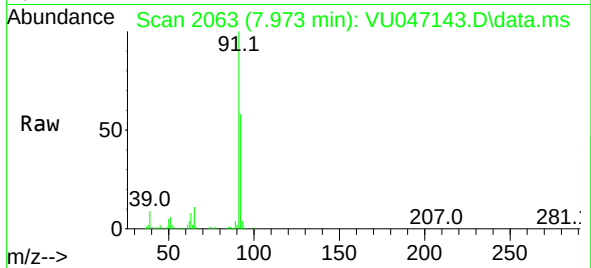
Tgt Ion: 69 Resp: 185770
Ion Ratio Lower Upper
69 100
41 62.0 32.6 98.0





#49
Toluene
Concen: 11.016 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

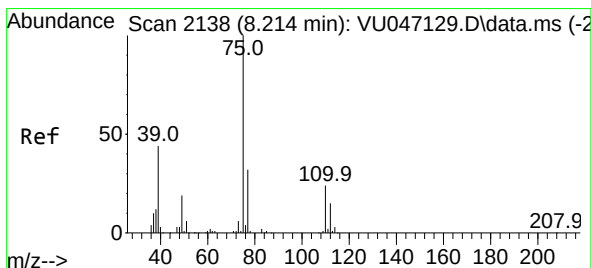
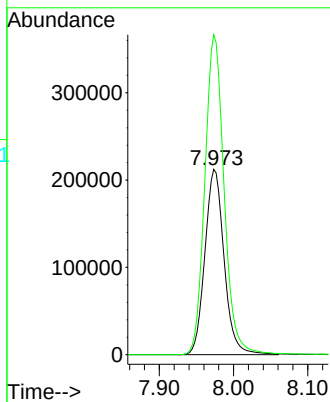
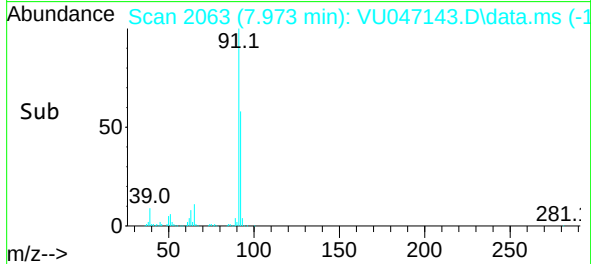
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



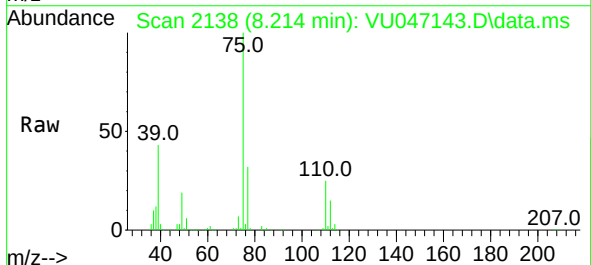
Tgt Ion: 92 Resp: 38187
Ion Ratio Lower Upper
92 100
91 173.4 136.8 205.2

Manual Integrations
APPROVED

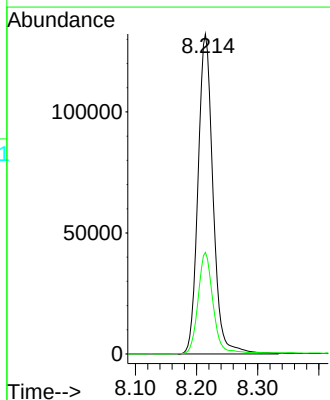
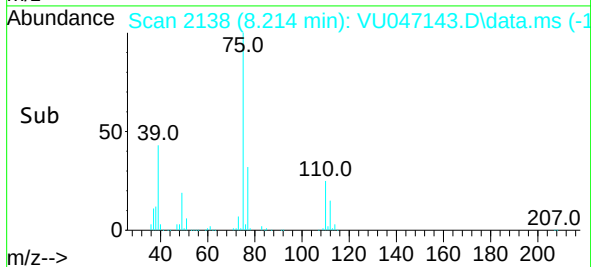
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

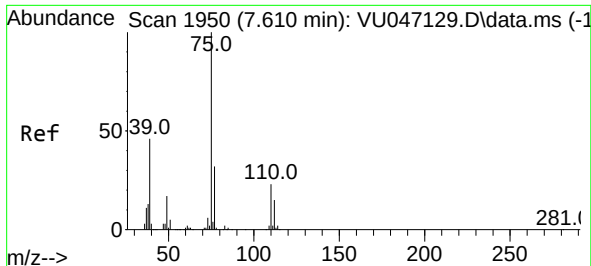


#50
t-1,3-Dichloropropene
Concen: 11.478 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



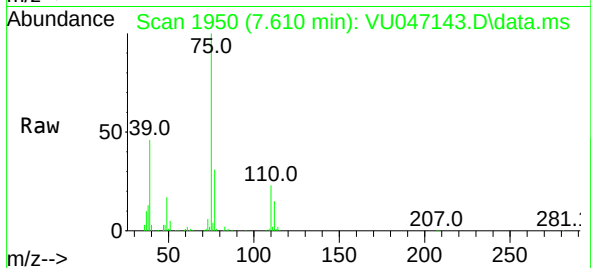
Tgt Ion: 75 Resp: 225353
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 11.188 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

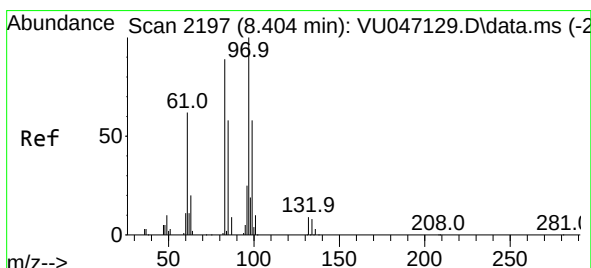
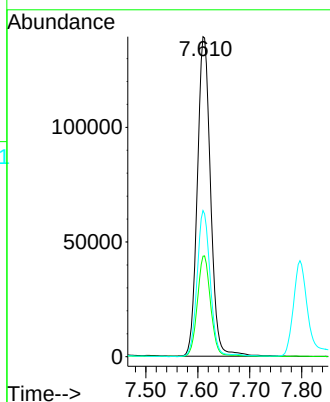
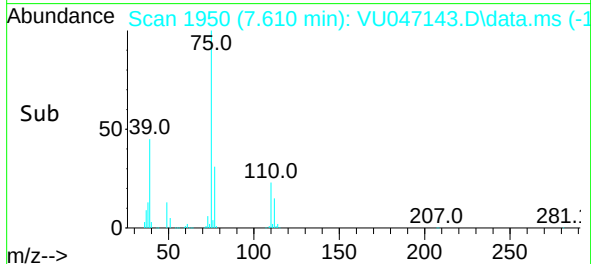
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 246252
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 45.7 38.6 57.8

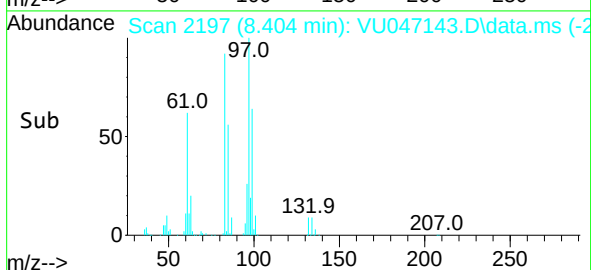
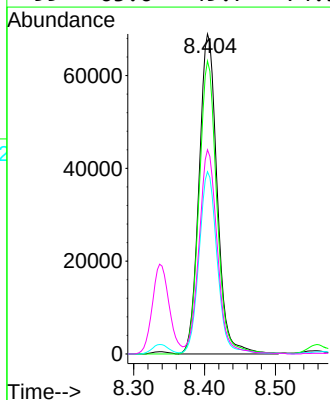
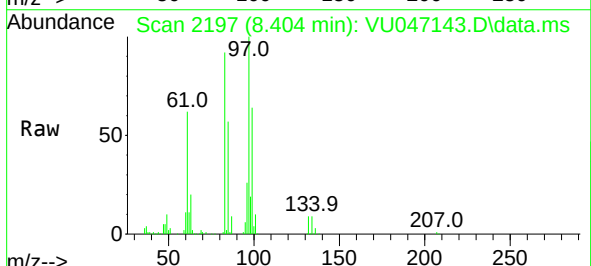
Manual Integrations
APPROVED

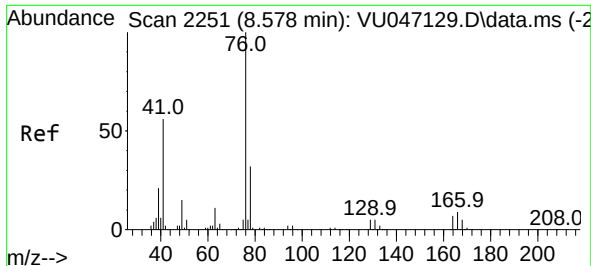
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#52
1,1,2-Trichloroethane
Concen: 11.201 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

Tgt Ion: 97 Resp: 122563
Ion Ratio Lower Upper
97 100
83 91.5 69.8 104.8
85 56.7 44.2 66.4
99 63.6 49.7 74.5





#53

1,3-Dichloropropane

Concen: 11.113 ug/l

RT: 8.578 min Scan# 21726

Delta R.T. -0.000 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 21726

Ion Ratio Lower Upper

76 100

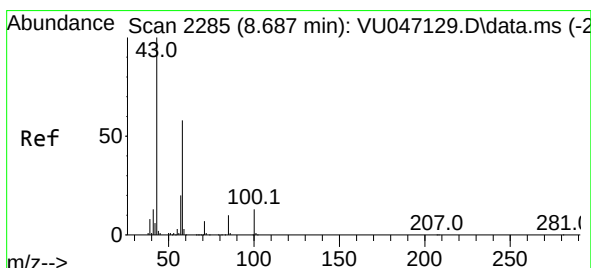
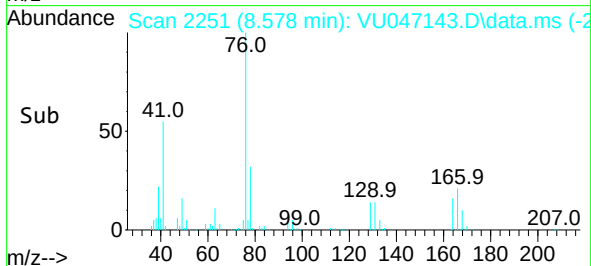
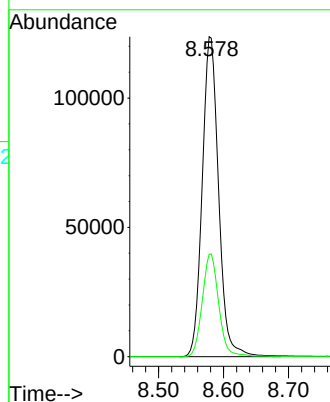
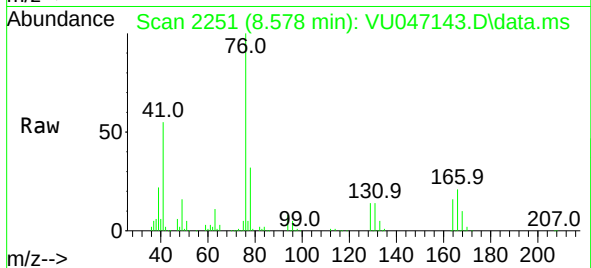
78 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#54

2-Hexanone

Concen: 56.944 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

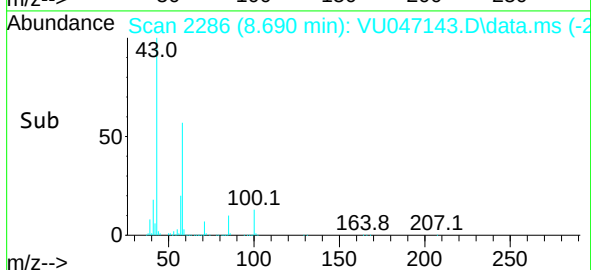
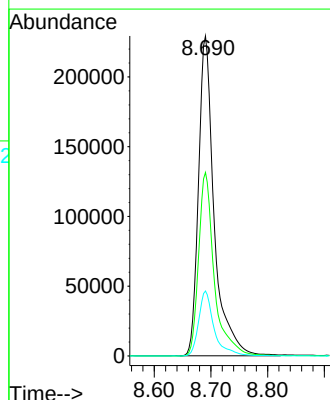
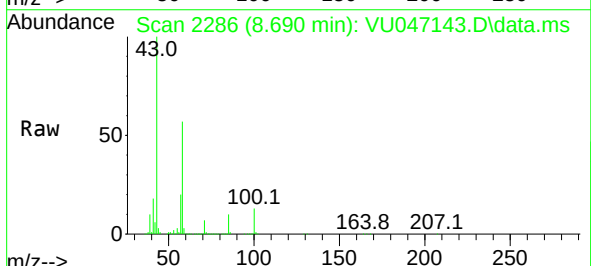
Tgt Ion: 43 Resp: 440040

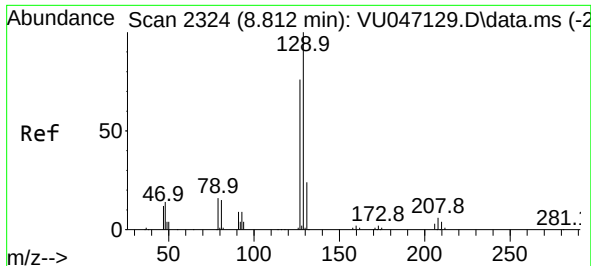
Ion Ratio Lower Upper

43 100

58 57.6 37.7 77.7

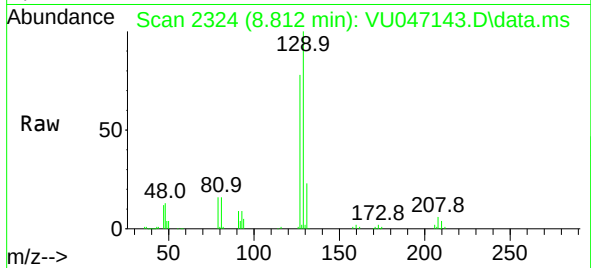
57 20.2 0.5 40.5





#55
Dibromochloromethane
Concen: 11.497 ug/l
RT: 8.812 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

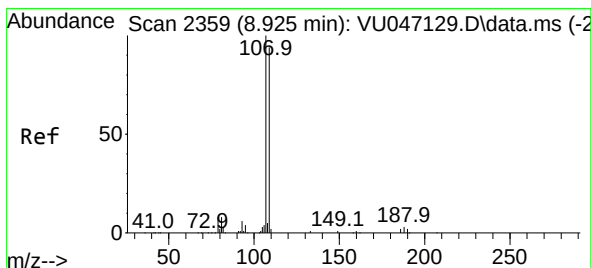
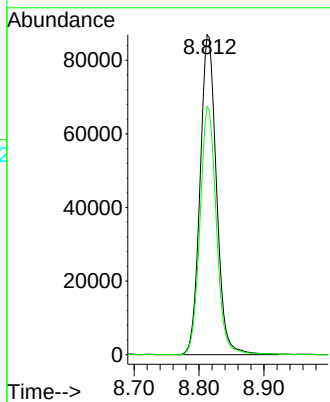
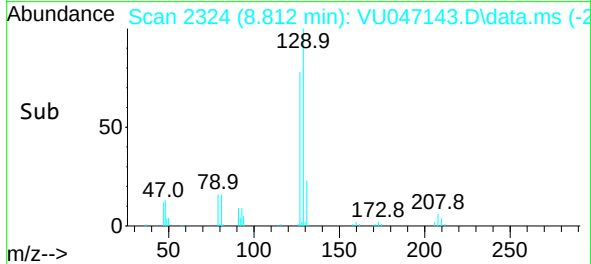
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



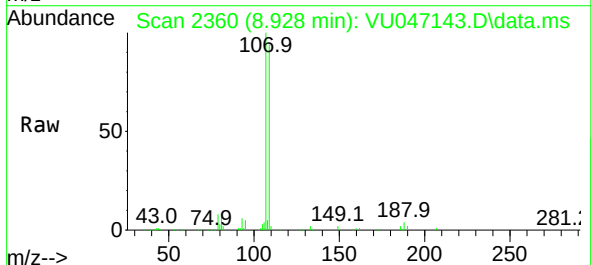
Tgt Ion:129 Resp: 152940
Ion Ratio Lower Upper
129 100
127 77.5 62.2 93.4

Manual Integrations
APPROVED

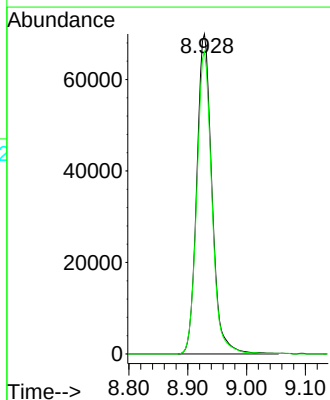
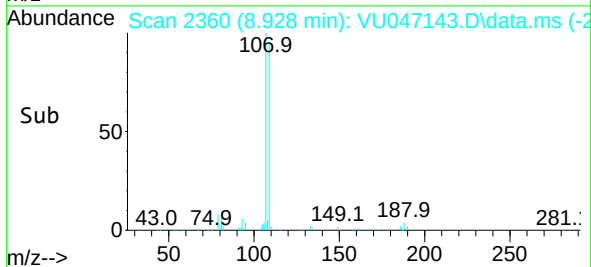
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

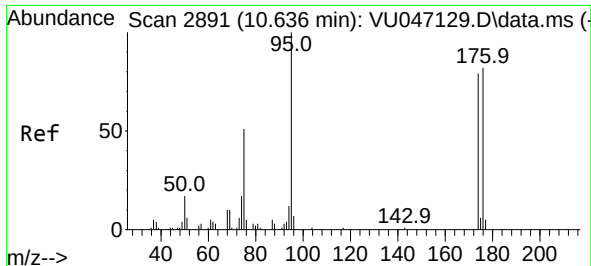


#56
1,2-Dibromoethane
Concen: 11.310 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



Tgt Ion:107 Resp: 125071
Ion Ratio Lower Upper
107 100
109 94.0 0.0 185.0





#57

4-Bromofluorobenzene

Concen: 1.096 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. -0.000 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 95 Resp: 2215

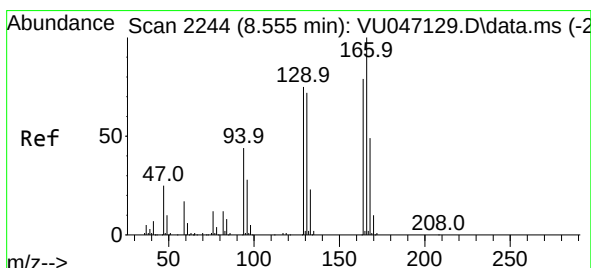
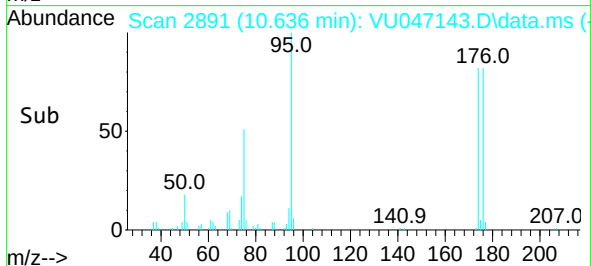
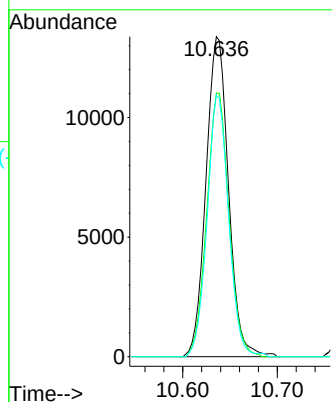
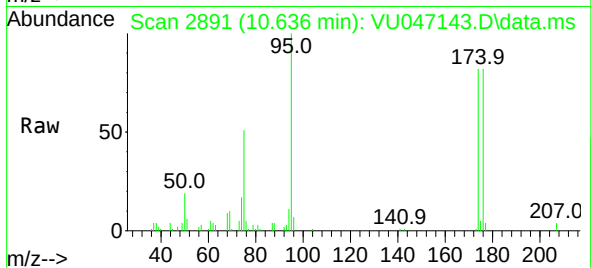
Ion	Ratio	Lower	Upper
95	100		
174	81.3	56.6	84.8
176	77.8	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#58

Tetrachloroethene

Concen: 10.898 ug/l

RT: 8.558 min Scan# 2245

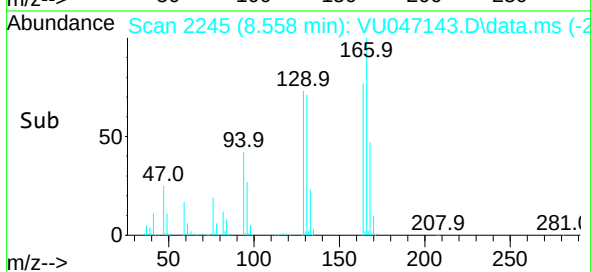
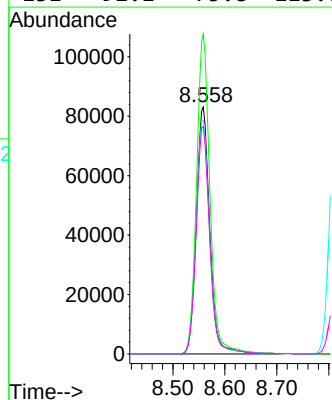
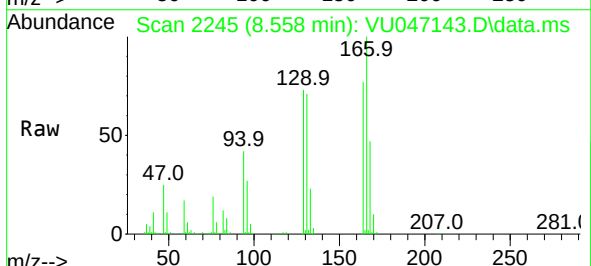
Delta R.T. 0.003 min

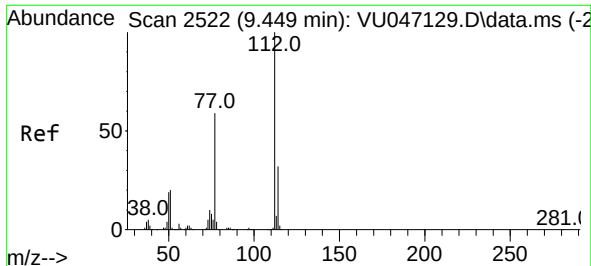
Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

Tgt Ion:164 Resp: 149618

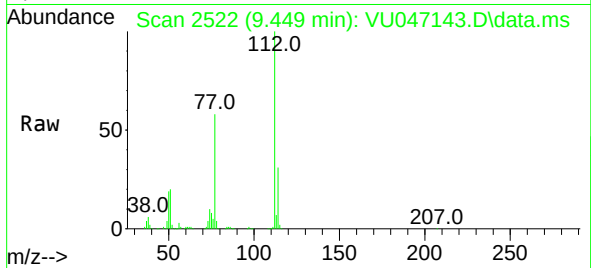
Ion	Ratio	Lower	Upper
164	100		
166	129.7	102.0	153.0
129	94.7	77.1	115.7
131	92.1	75.8	113.6





#59
Chlorobenzene
Concen: 10.980 ug/l
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

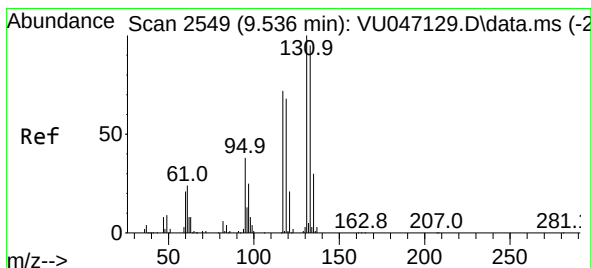
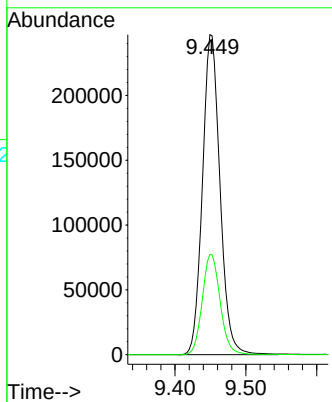
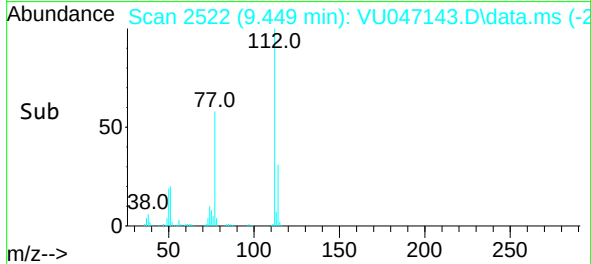
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



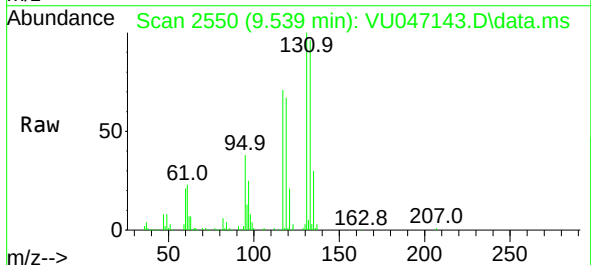
Tgt Ion:112 Resp: 424350
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

Manual Integrations
APPROVED

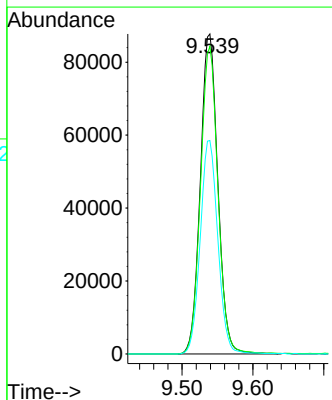
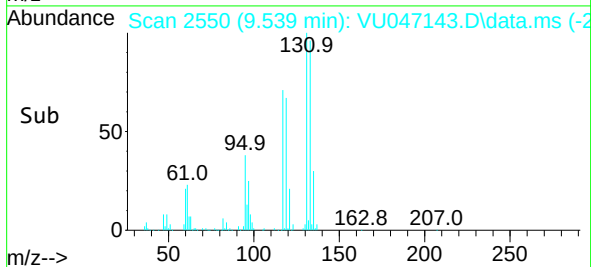
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

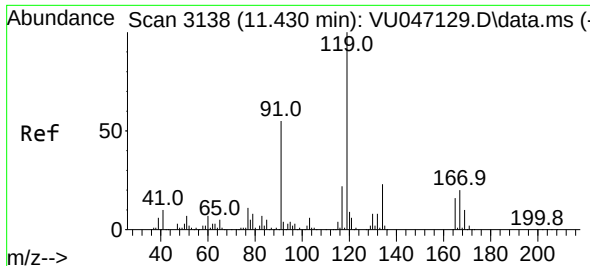


#60
1,1,1,2-Tetrachloroethane
Concen: 11.326 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



Tgt Ion:131 Resp: 150457
Ion Ratio Lower Upper
131 100
133 95.8 76.0 114.0
119 67.2 54.9 82.3





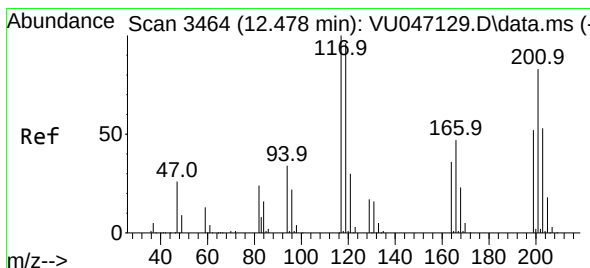
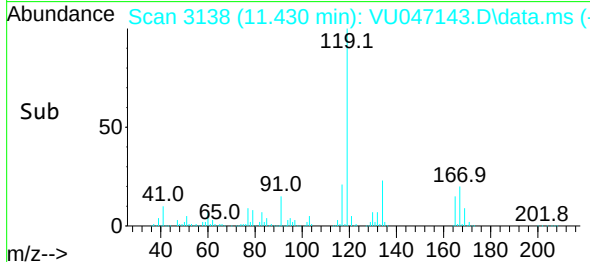
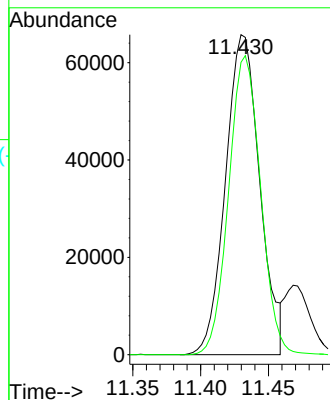
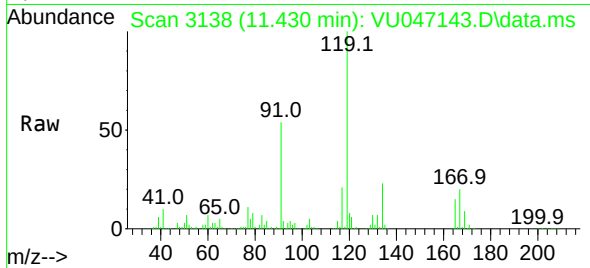
#61
Pentachloroethane
Concen: 11.460 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 115564
Ion Ratio Lower Upper
117 100
167 87.2 59.7 89.5

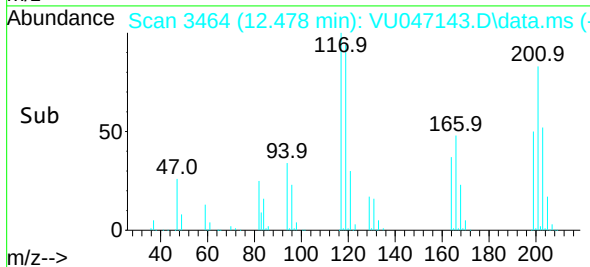
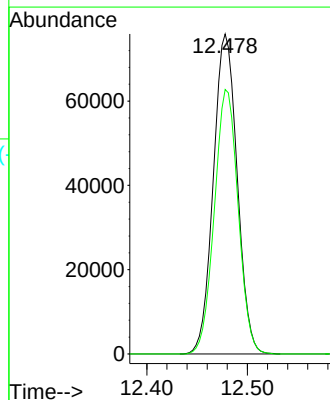
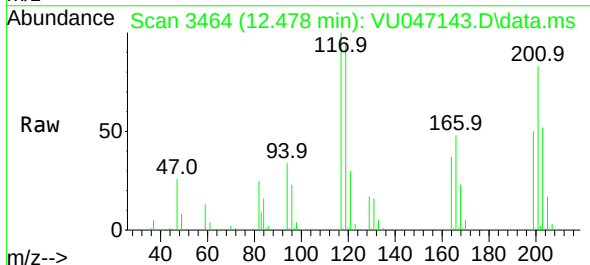
Manual Integrations
APPROVED

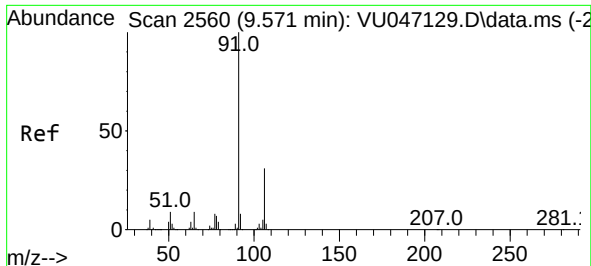
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#62
Hexachloroethane
Concen: 11.486 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

Tgt Ion:117 Resp: 125052
Ion Ratio Lower Upper
117 100
201 82.5 53.6 80.4#





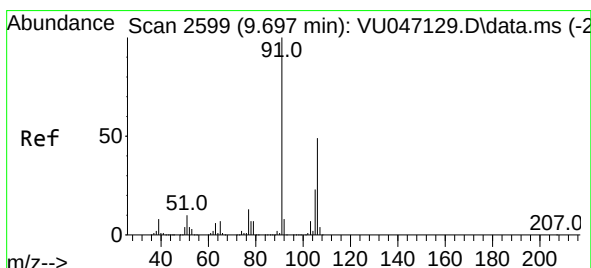
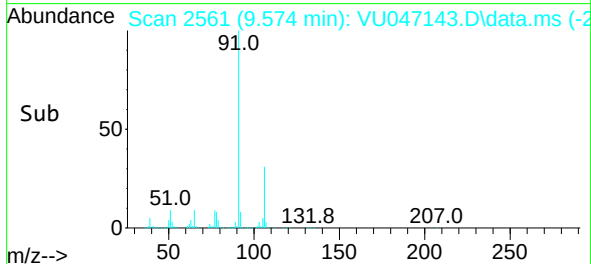
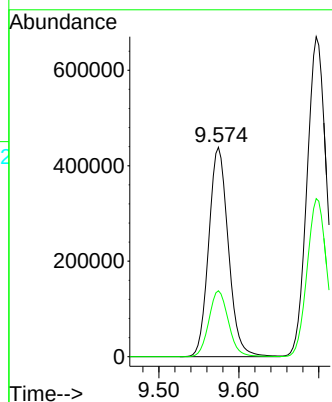
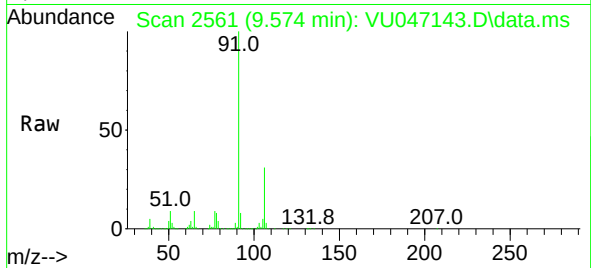
#63
Ethyl Benzene
Concen: 10.999 ug/l
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 74731
Ion Ratio Lower Upper
91 100
106 31.5 24.4 36.6

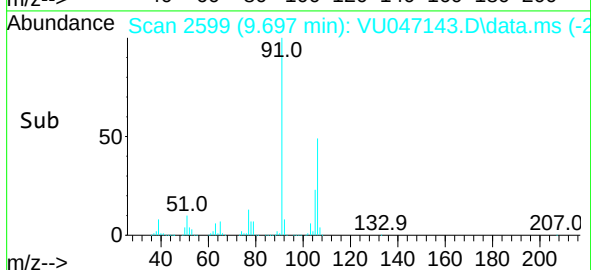
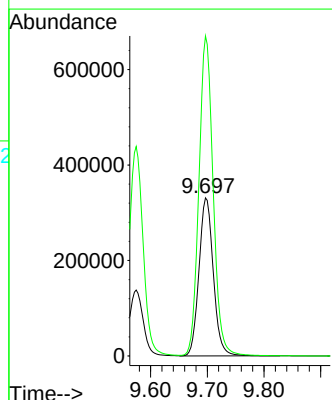
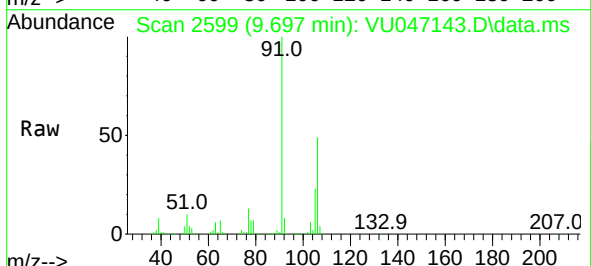
Manual Integrations
APPROVED

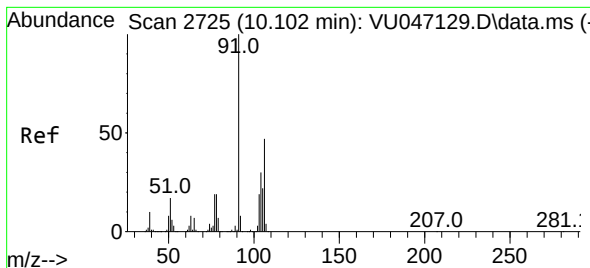
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#64
m/p-Xylenes
Concen: 22.402 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

Tgt Ion:106 Resp: 580168
Ion Ratio Lower Upper
106 100
91 201.3 165.5 248.3





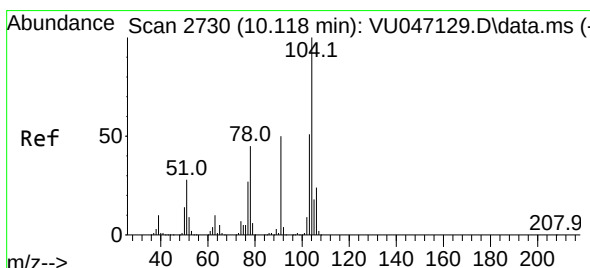
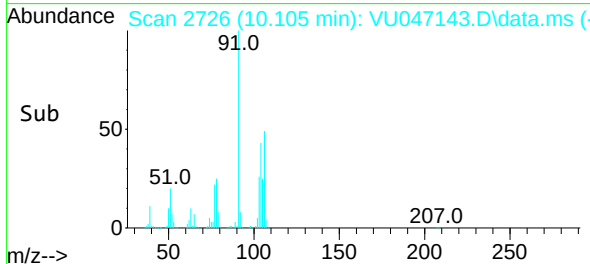
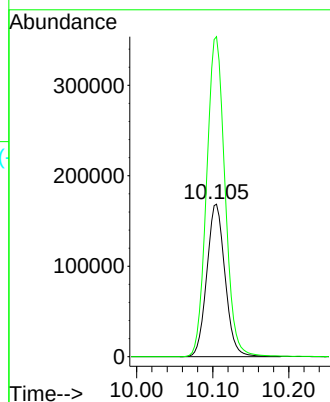
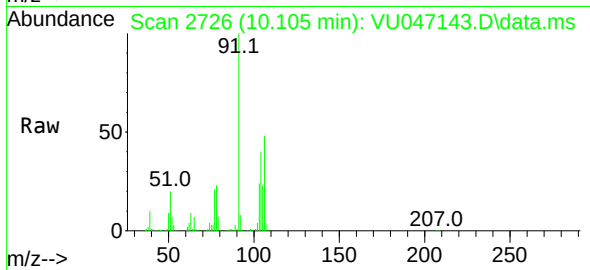
#65
o-Xylene
Concen: 11.186 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 28063
Ion Ratio Lower Upper
106 100
91 212.1 109.4 328.2

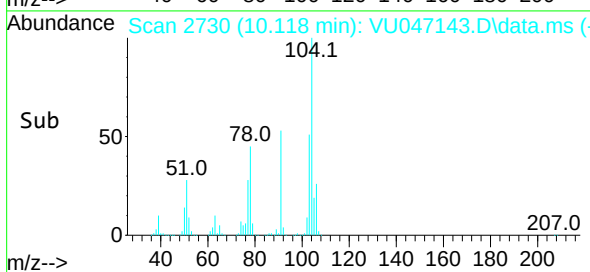
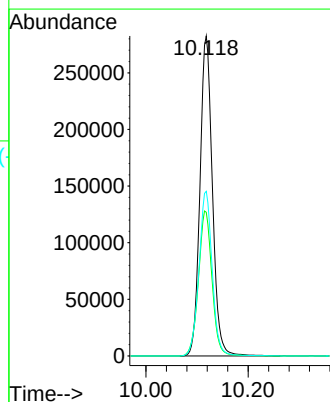
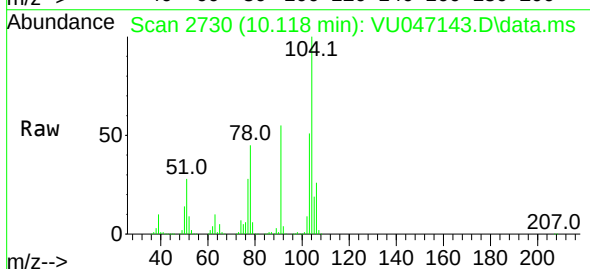
Manual Integrations
APPROVED

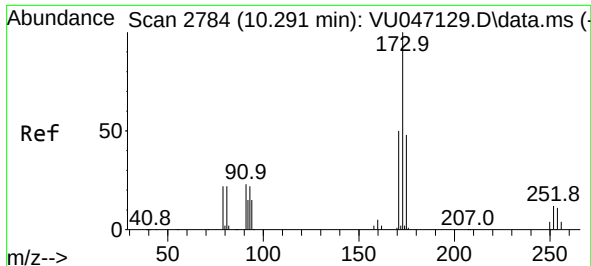
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#66
Styrene
Concen: 11.241 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

Tgt Ion:104 Resp: 478649
Ion Ratio Lower Upper
104 100
78 49.3 42.4 63.6
103 54.9 44.2 66.4





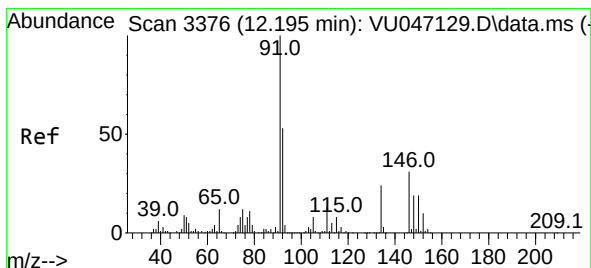
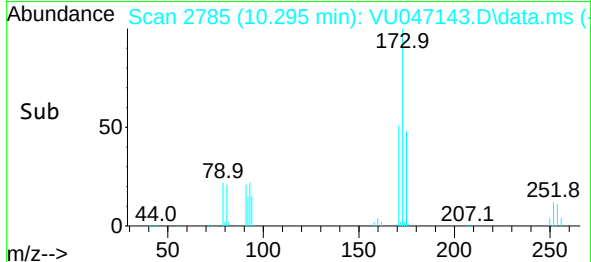
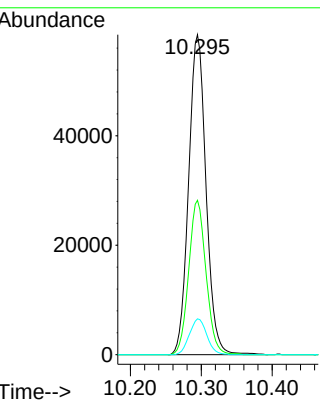
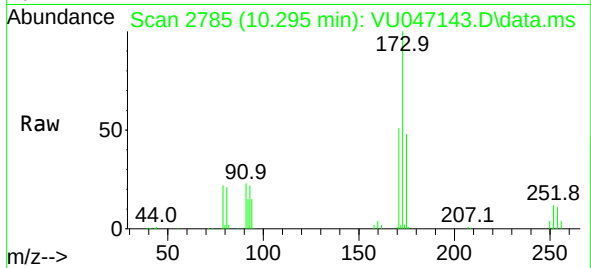
#67
Bromoform
Concen: 11.800 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 99478
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.4
254 11.2 5.5 8.3

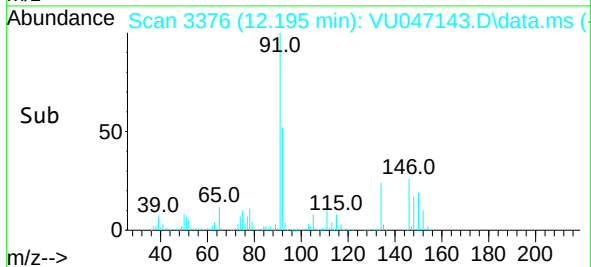
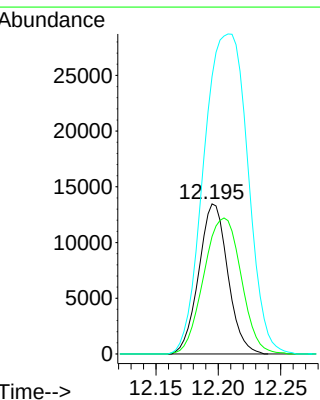
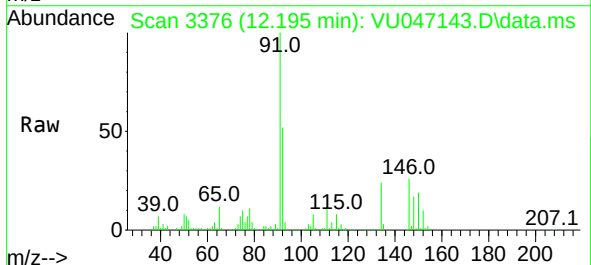
Manual Integrations
APPROVED

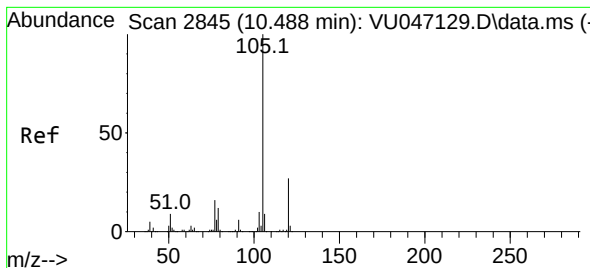
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#68
1,2-Dichlorobenzene-d4
Concen: 1.039 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

Tgt Ion:152 Resp: 21866
Ion Ratio Lower Upper
152 100
115 116.9 0.0 251.0
150 322.4 0.0 613.8





#69

Isopropylbenzene

Concen: 11.142 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. -0.000 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 751759

Ion Ratio Lower Upper

105 100

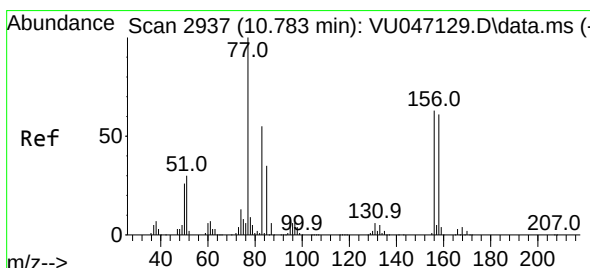
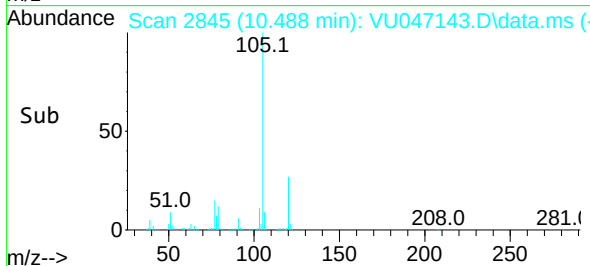
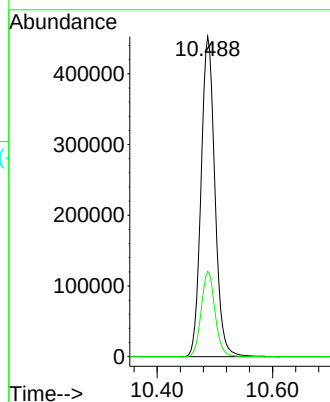
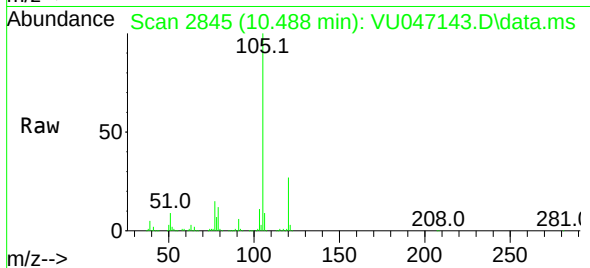
120 26.7 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#70

1,1,2,2-Tetrachloroethane

Concen: 11.454 ug/l

RT: 10.787 min Scan# 2938

Delta R.T. 0.003 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

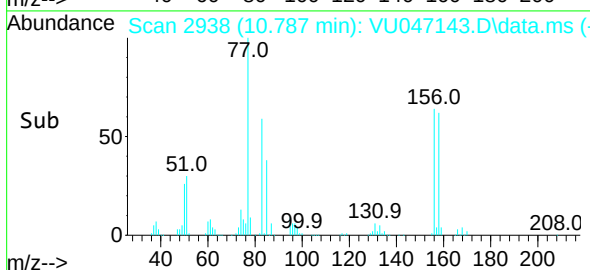
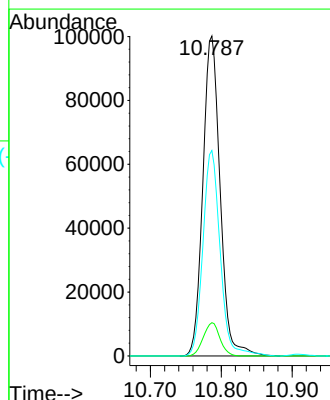
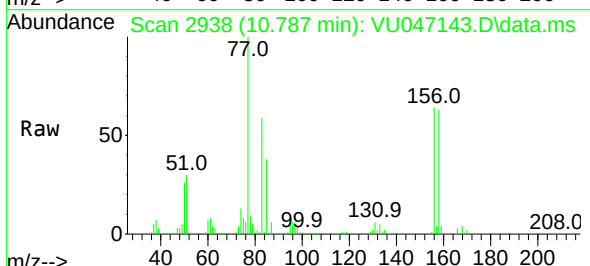
Tgt Ion: 83 Resp: 169441

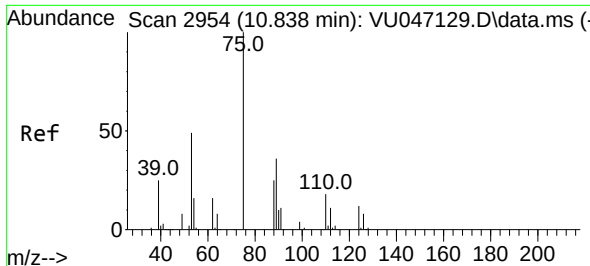
Ion Ratio Lower Upper

83 100

131 10.0 7.6 11.4

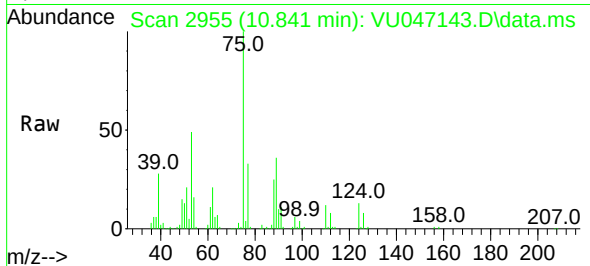
85 64.1 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 12.569 ug/l m
RT: 10.841 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

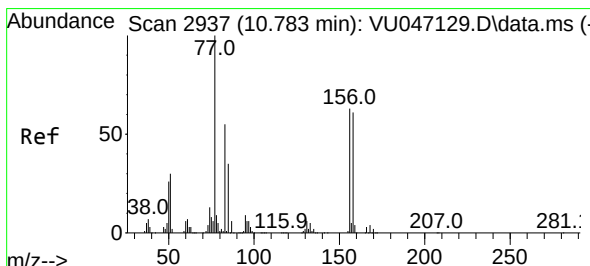
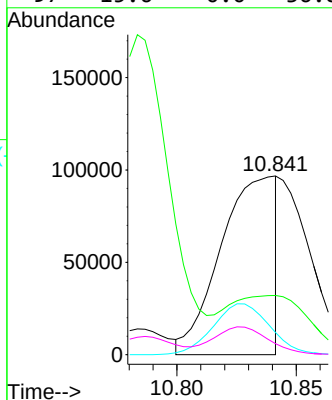
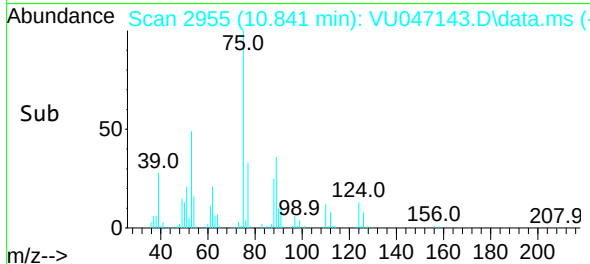
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



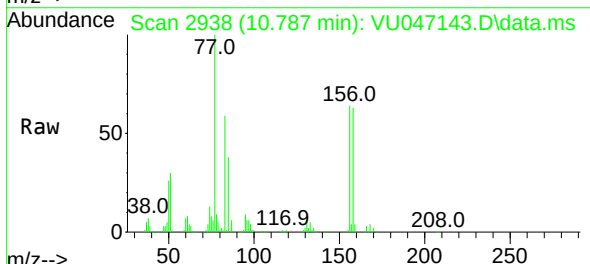
Tgt Ion: 75 Resp: 156927
Ion Ratio Lower Upper
75 100
77 48.0 0.0 105.6
110 29.3 0.0 71.2
97 15.6 0.0 36.8

Manual Integrations
APPROVED

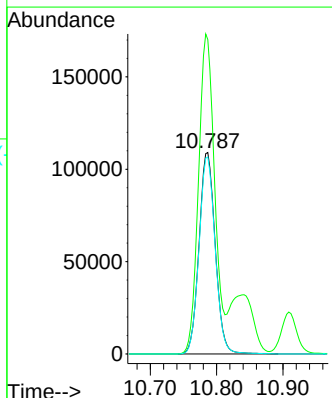
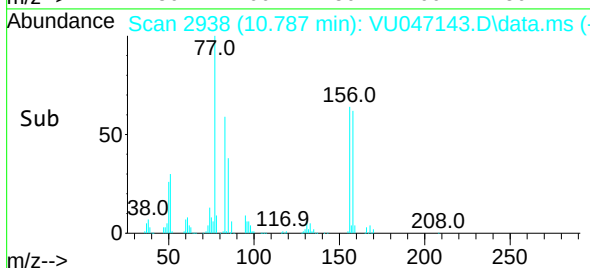
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

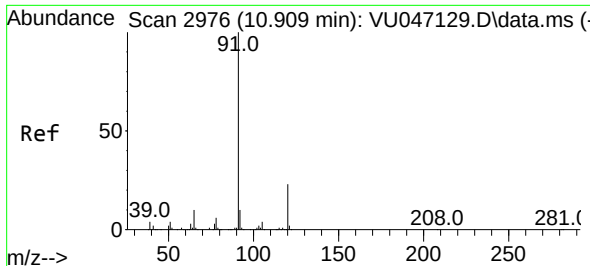


#72
Bromobenzene
Concen: 11.201 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



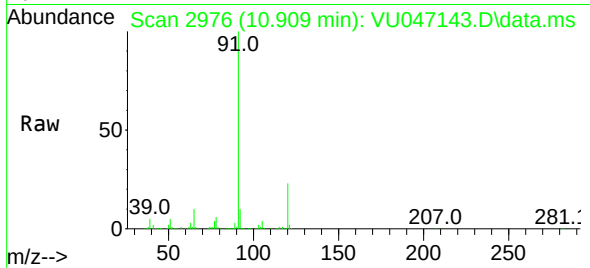
Tgt Ion:156 Resp: 184560
Ion Ratio Lower Upper
156 100
77 157.4 0.0 370.6
158 97.5 0.0 193.4





#73
n-propylbenzene
Concen: 11.278 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

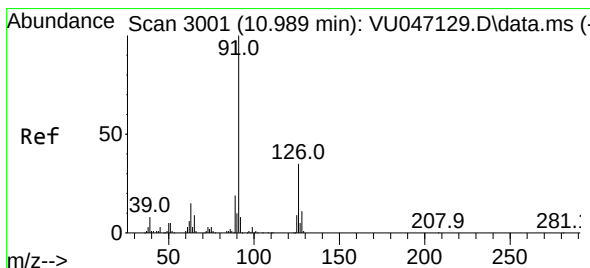
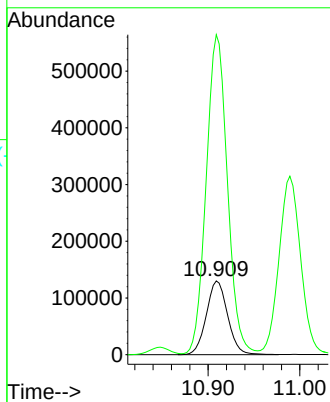
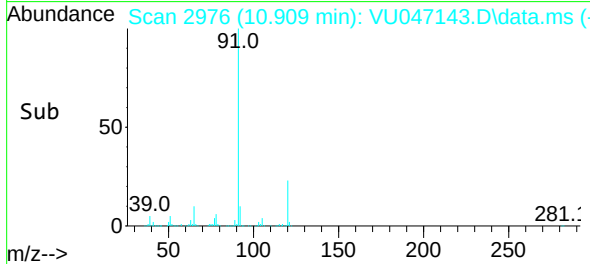
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



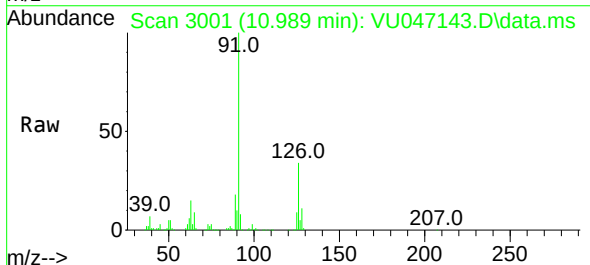
Tgt Ion:120 Resp: 209475
Ion Ratio Lower Upper
120 100
91 433.9 370.7 556.1

Manual Integrations
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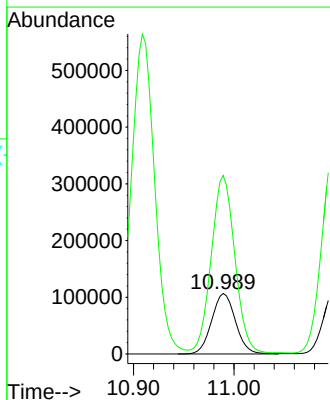
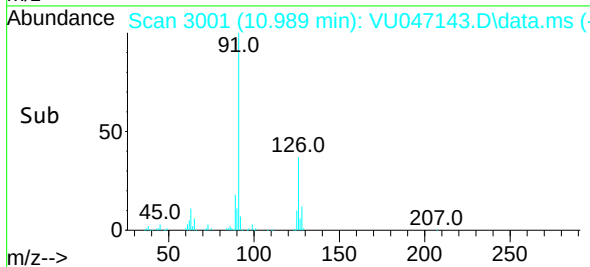
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

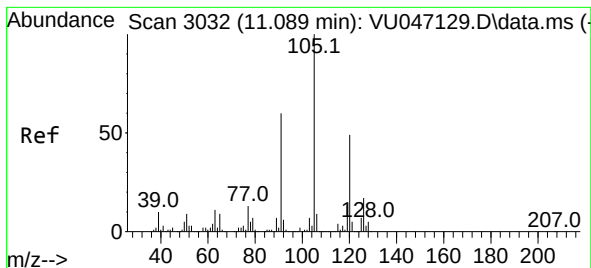


#74
2-Chlorotoluene
Concen: 11.079 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



Tgt Ion:126 Resp: 175435
Ion Ratio Lower Upper
126 100
91 296.1 0.0 639.6





#75

1,3,5-Trimethylbenzene

Concen: 11.202 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047143.D

Acq: 15 Feb 2022 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 619820

Ion Ratio Lower Upper

105 100

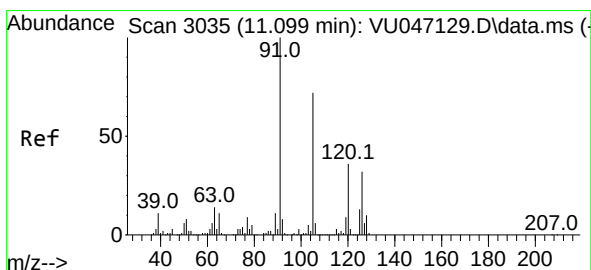
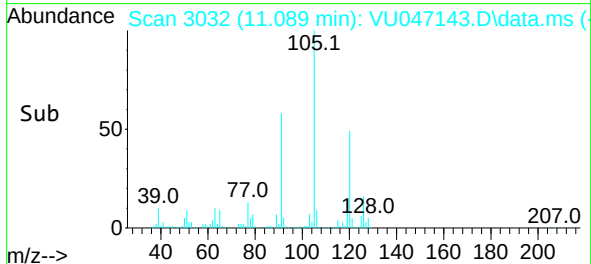
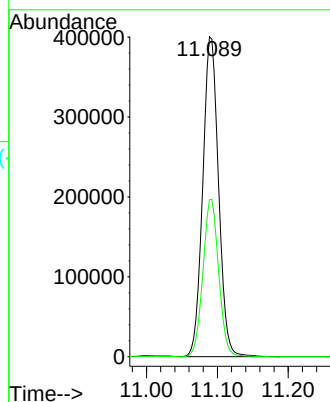
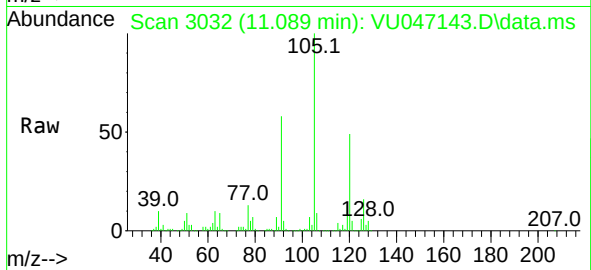
120 49.1 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#76

4-Chlorotoluene

Concen: 11.217 ug/l

RT: 11.102 min Scan# 3036

Delta R.T. 0.003 min

Lab File: VU047143.D

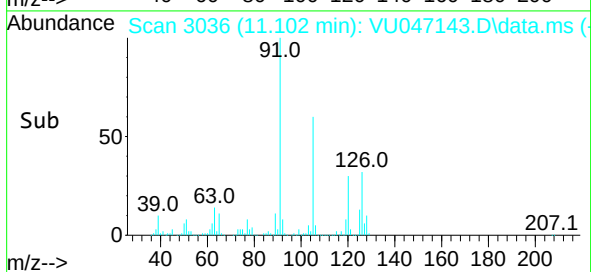
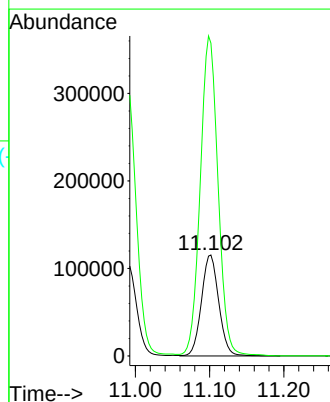
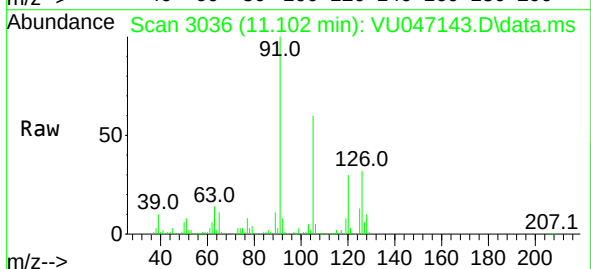
Acq: 15 Feb 2022 10:00

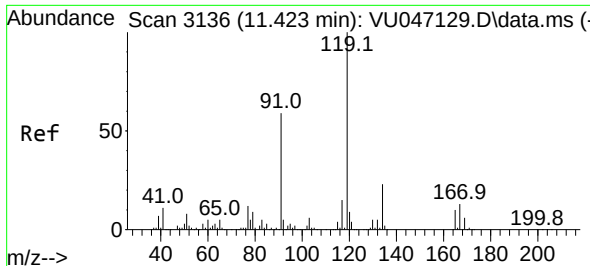
Tgt Ion:126 Resp: 186601

Ion Ratio Lower Upper

126 100

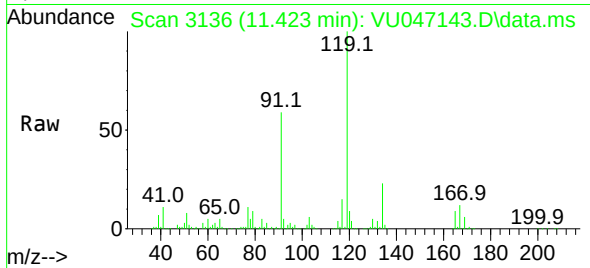
91 326.2 0.0 728.0





#77
tert-Butylbenzene
Concen: 11.227 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

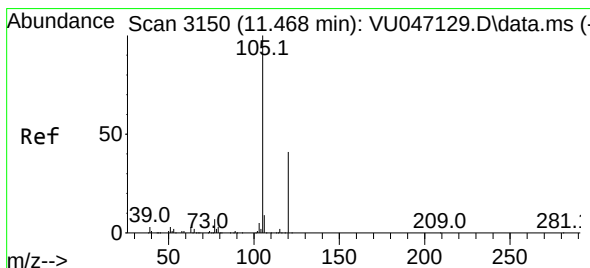
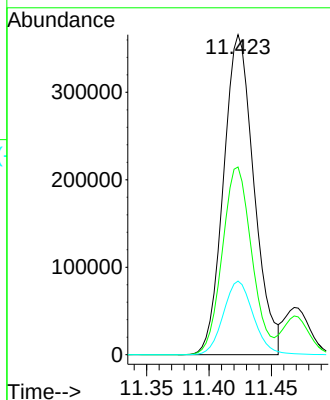
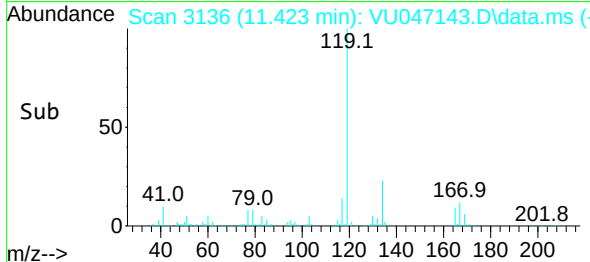
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



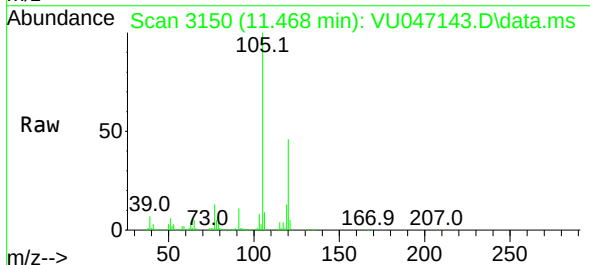
Tgt Ion:119 Resp: 623332
Ion Ratio Lower Upper
119 100
91 56.9 31.4 94.3
134 22.7 18.5 27.7

Manual Integrations
APPROVED

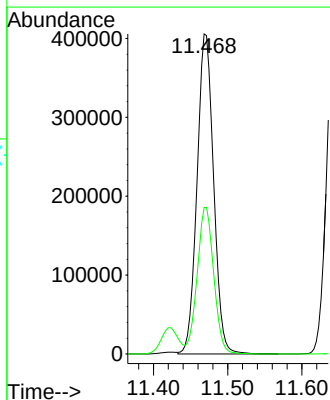
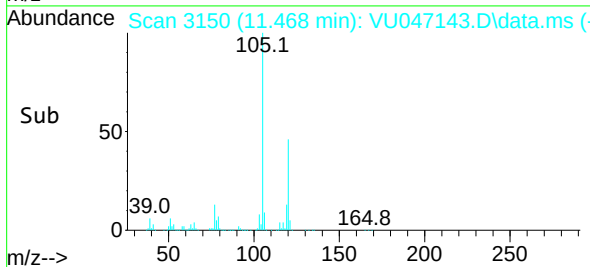
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

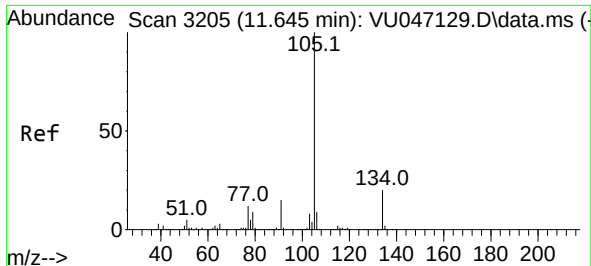


#78
1,2,4-Trimethylbenzene
Concen: 11.162 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



Tgt Ion:105 Resp: 630283
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.8





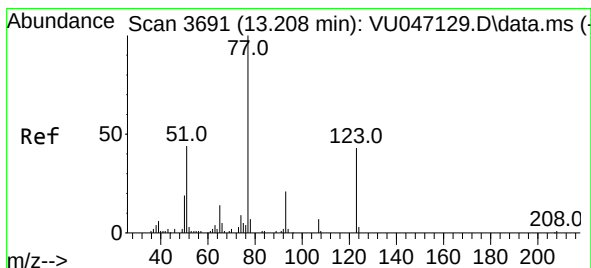
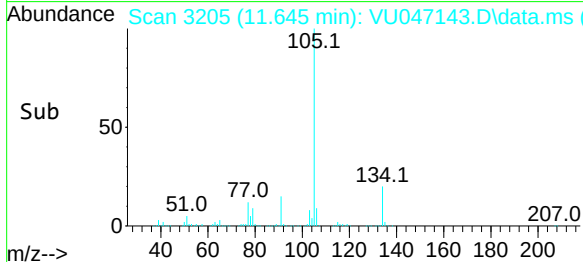
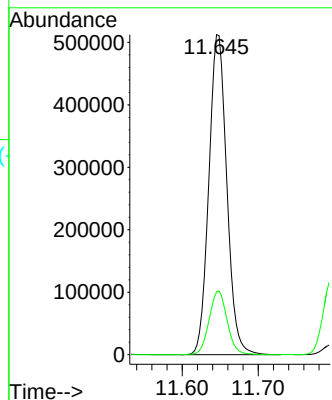
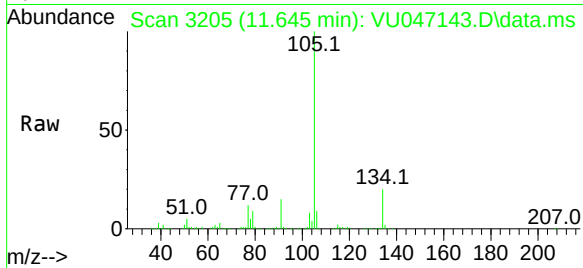
#79
 sec-Butylbenzene
 Concen: 11.387 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047143.D
 Acq: 15 Feb 2022 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 83955
 Ion Ratio Lower Upper
 105 100
 134 20.1 15.4 23.0

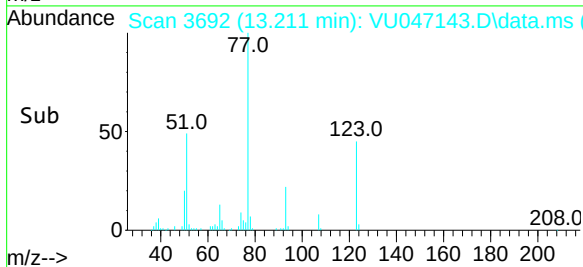
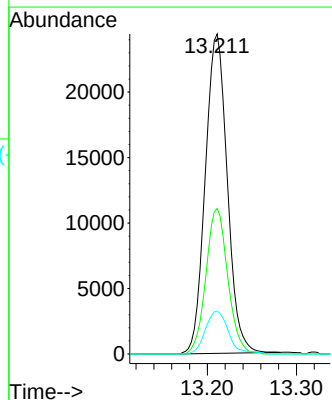
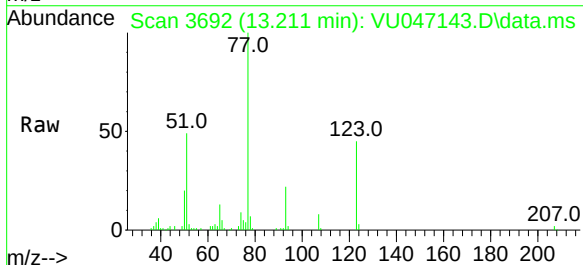
Manual Integrations
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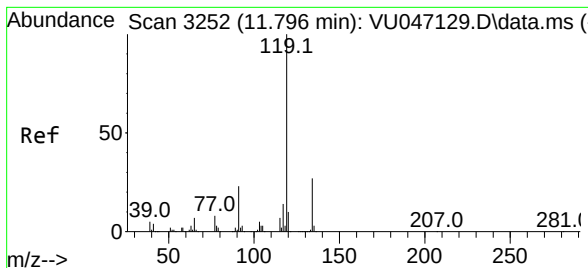
Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/18/2022



#80
 Nitrobenzene
 Concen: 58.520 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU047143.D
 Acq: 15 Feb 2022 10:00

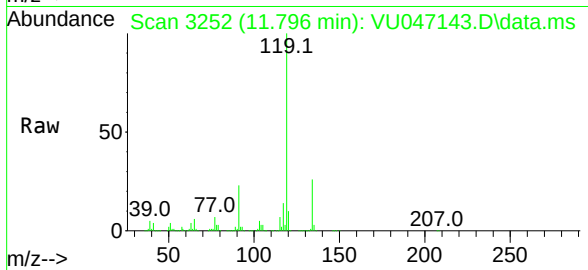
Tgt Ion: 77 Resp: 41797
 Ion Ratio Lower Upper
 77 100
 123 45.2 18.2 64.4
 65 14.1 12.0 15.2





#81
p-Isopropyltoluene
Concen: 11.285 ug/l
RT: 11.796 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

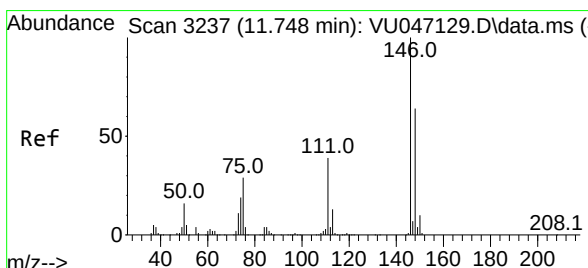
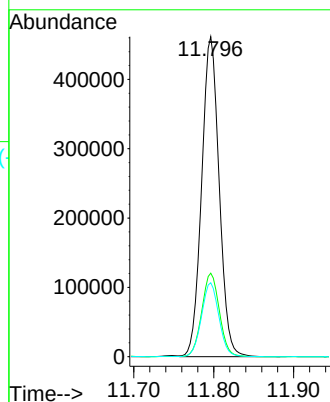
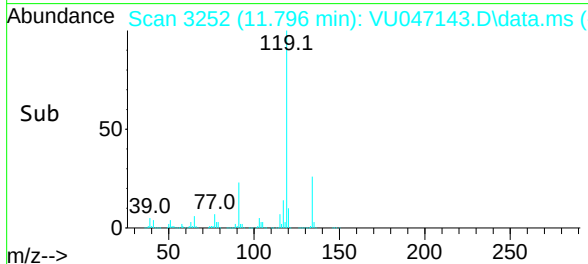
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



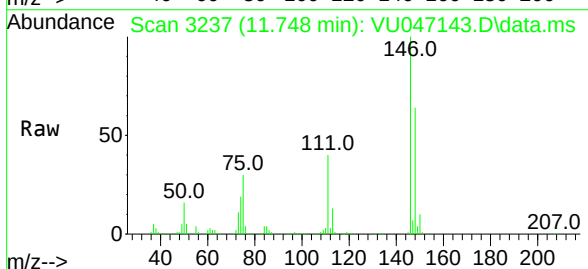
Tgt Ion:119 Resp: 704012
Ion Ratio Lower Upper
119 100
134 26.2 20.2 30.4
91 23.0 19.9 29.9

Manual Integrations
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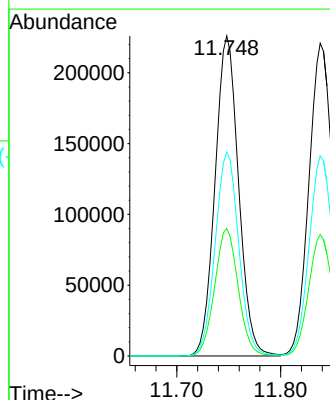
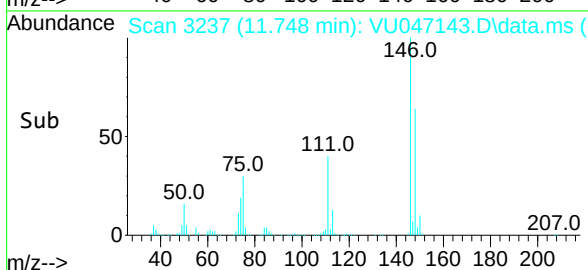
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

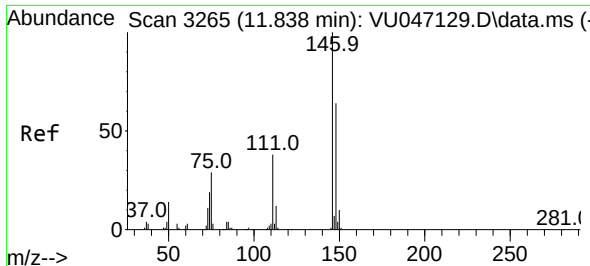


#82
1,3-Dichlorobenzene
Concen: 11.091 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



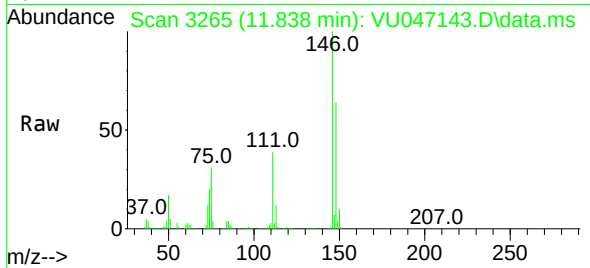
Tgt Ion:146 Resp: 355783
Ion Ratio Lower Upper
146 100
111 39.9 33.9 50.9
148 64.1 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 11.043 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

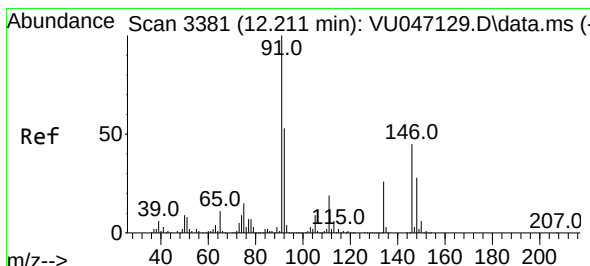
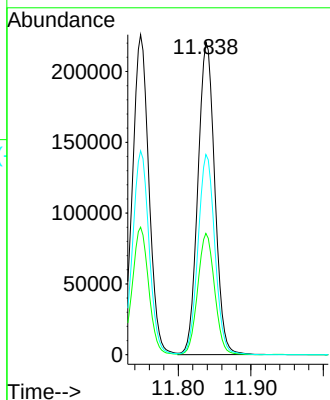
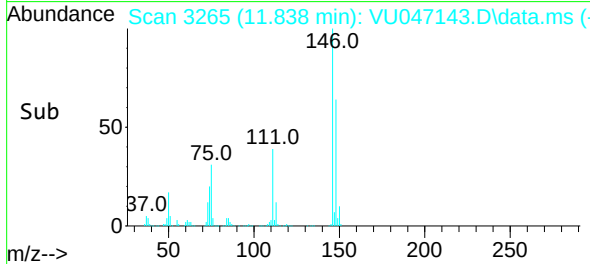
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



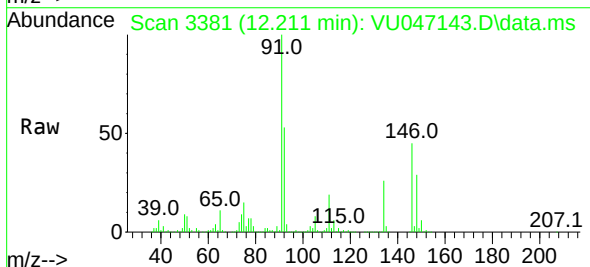
Tgt Ion:146 Resp: 35684
Ion Ratio Lower Upper
146 100
111 38.7 32.7 49.1
148 63.9 51.4 77.0

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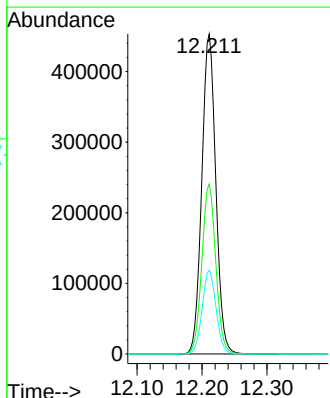
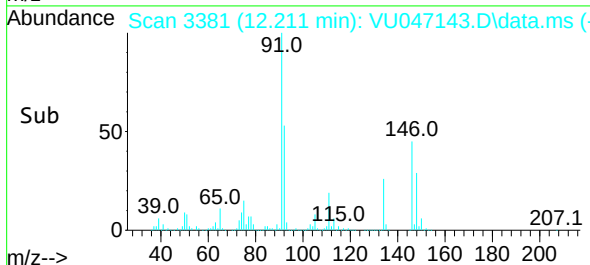
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

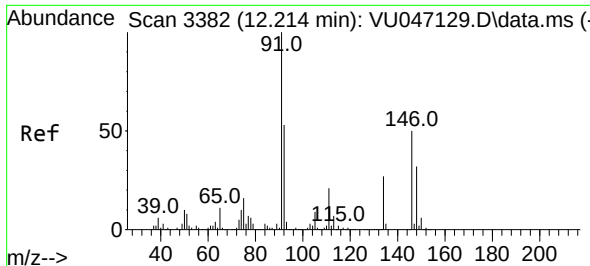


#84
n-Butylbenzene
Concen: 11.351 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



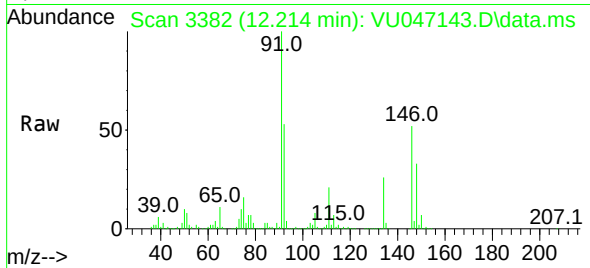
Tgt Ion: 91 Resp: 679991
Ion Ratio Lower Upper
91 100
92 52.9 43.5 65.3
134 26.0 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 11.108 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

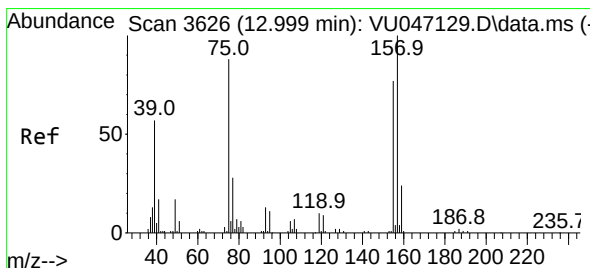
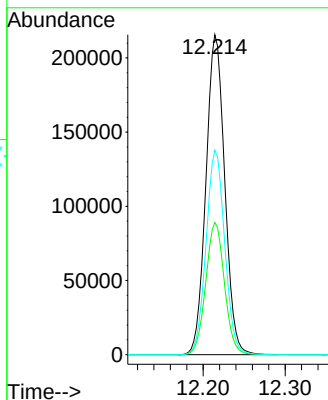
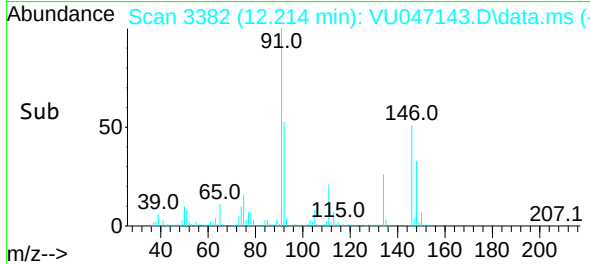
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



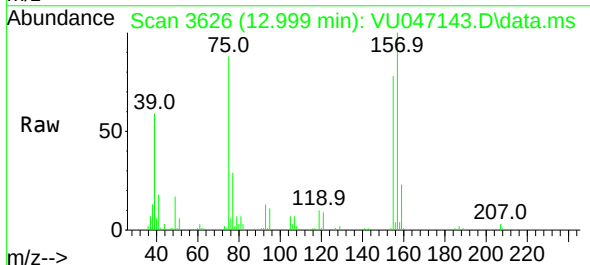
Tgt Ion:146 Resp: 342974
Ion Ratio Lower Upper
146 100
111 41.2 22.1 66.1
148 63.7 31.6 94.7

Manual Integrations
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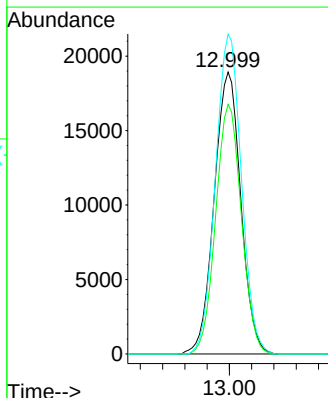
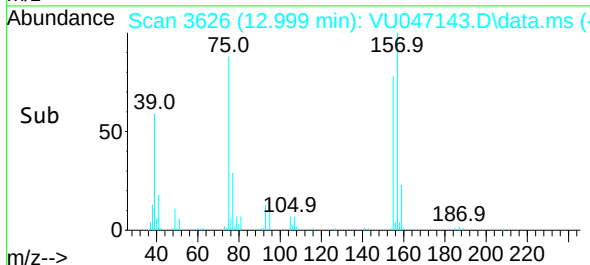
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

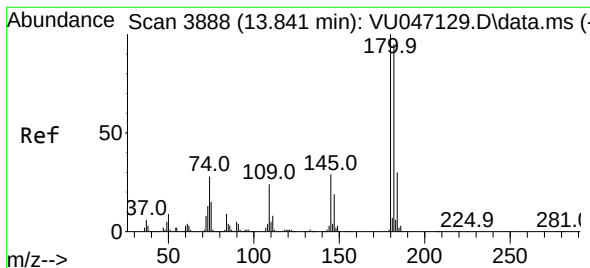


#86
1,2-Dibromo-3-Chloropropane
Concen: 11.588 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



Tgt Ion: 75 Resp: 31433
Ion Ratio Lower Upper
75 100
155 85.4 57.8 86.8
157 110.6 75.1 112.7





#87

1,2,4-Trichlorobenzene

Concen: 11.020 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU047143.D

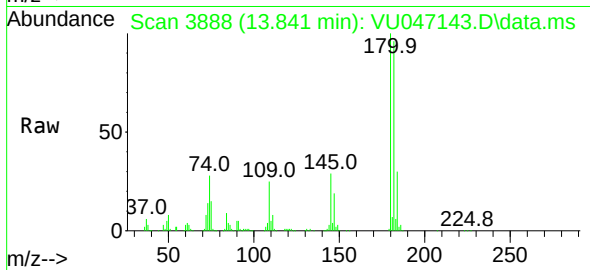
Acq: 15 Feb 2022 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 26717

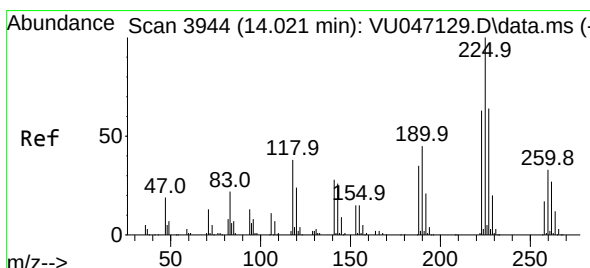
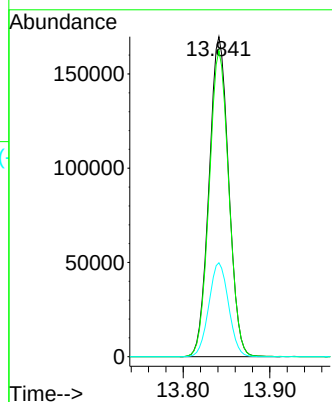
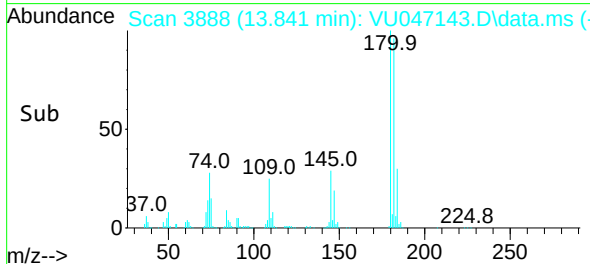
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.8
145	29.5	25.3	37.9

Manual Integrations

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Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#88

Hexachlorobutadiene

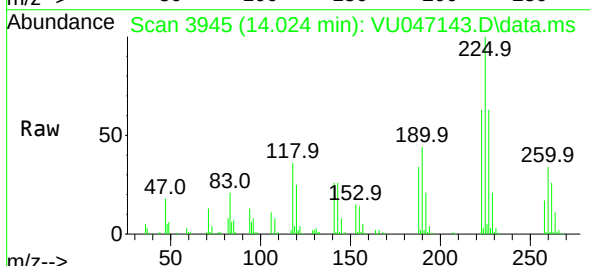
Concen: 11.262 ug/l

RT: 14.024 min Scan# 3945

Delta R.T. 0.003 min

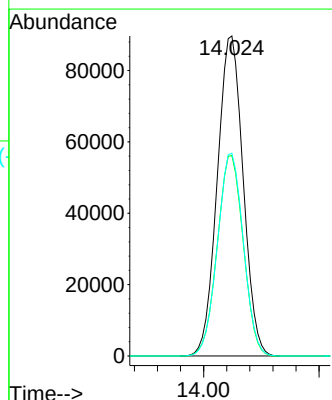
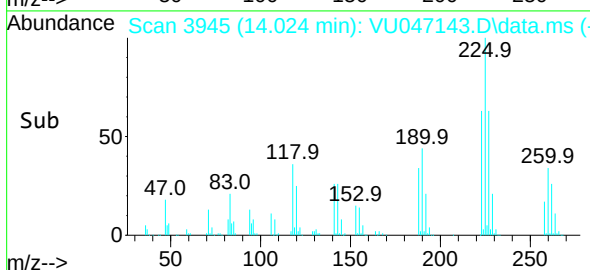
Lab File: VU047143.D

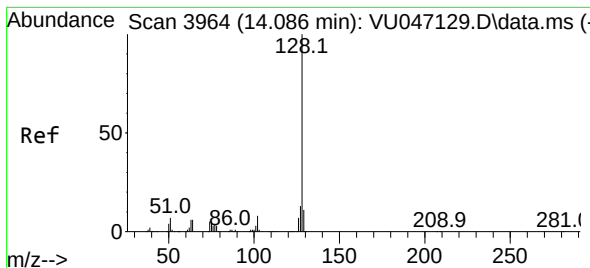
Acq: 15 Feb 2022 10:00



Tgt Ion:225 Resp: 139601

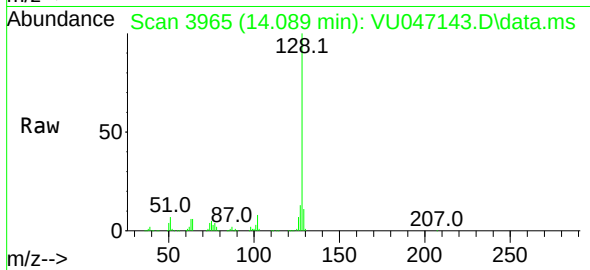
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.1	76.7
227	63.6	49.9	74.9





#89
Naphthalene
Concen: 11.199 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00

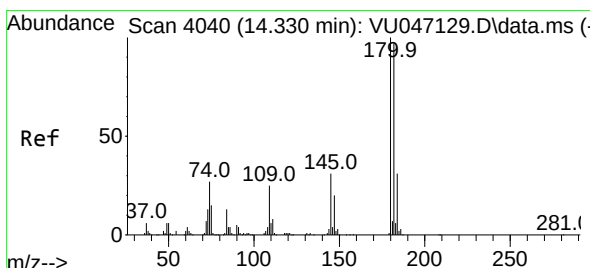
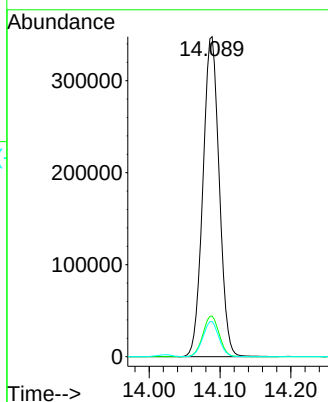
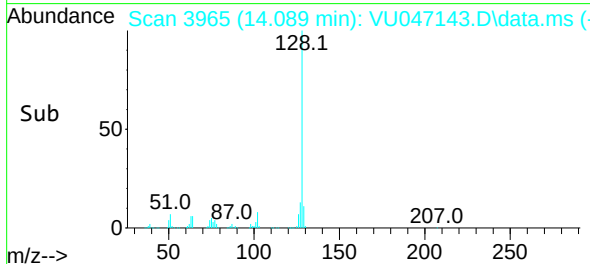
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



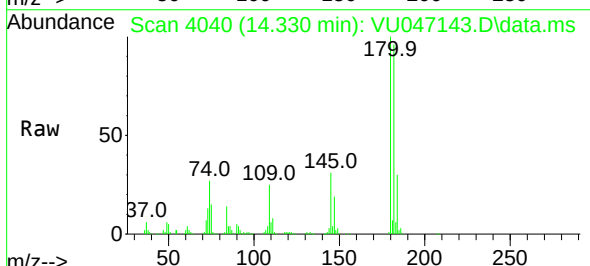
Tgt Ion:128 Resp: 556160
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#90
1,2,3-Trichlorobenzene
Concen: 11.276 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047143.D
Acq: 15 Feb 2022 10:00



Tgt Ion:180 Resp: 245216
Ion Ratio Lower Upper
180 100
182 95.8 75.4 113.0
145 31.4 27.0 40.4

